

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114124.D
 Acq On : 10 May 2019 16:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc : 8
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 11 04:00:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	370383	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1407725	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	564258	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1100604	20.00	ng	0.00
76) Chrysene-d12	14.02	240	779333	20.00	ng	0.00
87) Perylene-d12	15.51	264	749933	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1741871	75.68	ng	0.00
7) Phenol-d6	6.49	99	2203183	80.94	ng	0.00
23) Nitrobenzene-d5	7.42	82	2064903	82.32	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	462599	79.30	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2920062	78.28	ng	0.00
79) Terphenyl-d14	12.96	244	2927992	77.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	416016	32.885	ng	98
3) Pyridine	3.39	79	1251783	35.914	ng	98
4) n-Nitrosodimethylamine	3.35	42	607048	36.116	ng	98
6) Aniline	6.52	93	1633213	41.534	ng	99
8) 2-Chlorophenol	6.64	128	998214	40.626	ng	98
9) Benzaldehyde	6.40	77	776638	40.753	ng	98
10) Phenol	6.50	94	1332570	41.614	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	993256	40.856	ng	100
12) 1,3-Dichlorobenzene	6.80	146	1106609	40.123	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1109015	39.904	ng	98
14) 1,2-Dichlorobenzene	7.03	146	1029805	40.557	ng	100
15) Benzyl Alcohol	6.99	79	867907	40.879	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1879192	39.866	ng	99
17) 2-Methylphenol	7.11	107	816415	40.449	ng	99
18) Hexachloroethane	7.37	117	411082	39.405	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	670997	38.889	ng	98
20) 3+4-Methylphenols	7.26	107	933822	40.044	ng	98
22) Acetophenone	7.26	105	1269070	40.694	ng	99
24) Nitrobenzene	7.43	77	1058579	41.434	ng	98
25) Isophorone	7.67	82	1858321	39.946	ng	100
26) 2-Nitrophenol	7.75	139	515524	41.591	ng	98
27) 2,4-Dimethylphenol	7.79	122	782294	40.184	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1219615	40.405	ng	100
29) 2,4-Dichlorophenol	7.99	162	787389	40.618	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	900232	40.839	ng	98
31) Naphthalene	8.16	128	2691819	40.936	ng	100
32) Benzoic acid	7.92	122	475194	36.247	ng	96
33) 4-Chloroaniline	8.20	127	1246115	41.586	ng	99
34) Hexachlorobutadiene	8.28	225	518687	41.355	ng	98
35) Caprolactam	8.57	113	274072	43.359	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	809214	41.471	ng	100
37) 2-Methylnaphthalene	8.85	142	1689501	39.822	ng	99
38) 1-Methylnaphthalene	8.95	142	1464141	36.646	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	709948	41.535	ng	99

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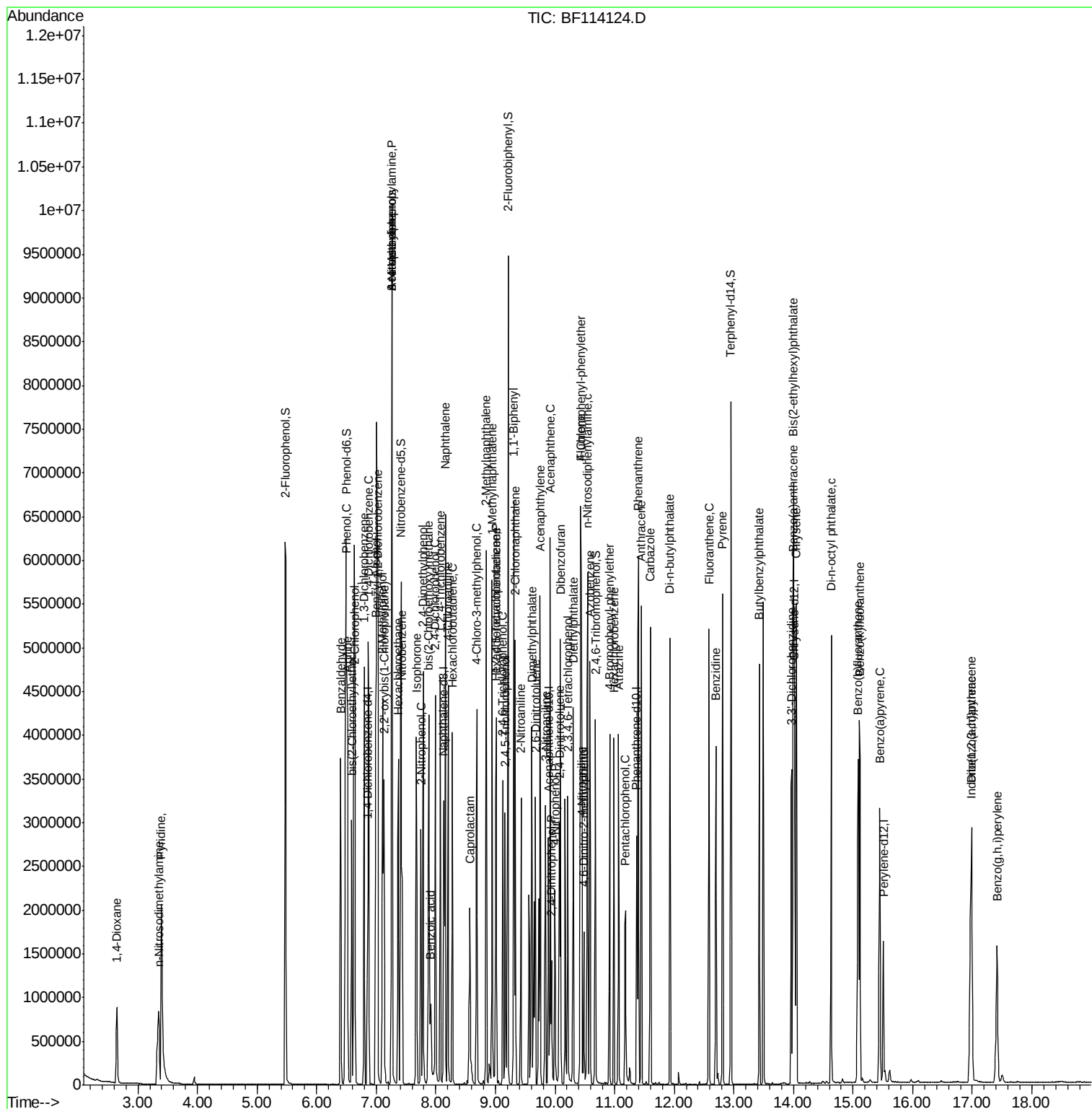
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	299495	39.901	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	483540	41.129	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	498309	41.329	ng	97
46) 1,1'-Biphenyl	9.31	154	1843773	40.447	ng	100
47) 2-Chloronaphthalene	9.33	162	1497029	40.807	ng	99
48) 2-Nitroaniline	9.43	65	526791	40.489	ng	99
49) Acenaphthylene	9.75	152	2272866	40.735	ng	99
50) Dimethylphthalate	9.61	163	1656660	39.995	ng	100
51) 2,6-Dinitrotoluene	9.67	165	374329	40.744	ng	96
52) Acenaphthene	9.92	154	1450238	42.356	ng	100
53) 3-Nitroaniline	9.84	138	467137	40.960	ng	99
54) 2,4-Dinitrophenol	9.95	184	166855	39.818	ng	99
55) Dibenzofuran	10.09	168	1994218	39.720	ng	100
56) 4-Nitrophenol	10.00	139	325596	40.370	ng	94
57) 2,4-Dinitrotoluene	10.07	165	500019	40.098	ng	99
58) Fluorene	10.43	166	1533624	39.546	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	412623	39.662	ng	100
60) Diethylphthalate	10.30	149	1632204	38.782	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	753093	39.538	ng	99
62) 4-Nitroaniline	10.45	138	472431	39.421	ng	98
63) Azobenzene	10.59	77	1586209	38.937	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	229074	43.315	ng	99
66) n-Nitrosodiphenylamine	10.55	169	1382315	41.382	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	488811	40.337	ng	97
68) Hexachlorobenzene	10.99	284	549006	40.953	ng	98
69) Atrazine	11.07	200	422119	40.608	ng	99
70) Pentachlorophenol	11.18	266	269587	42.422	ng	99
71) Phenanthrene	11.40	178	2214096	41.350	ng	99
72) Anthracene	11.45	178	2251454	41.863	ng	100
73) Carbazole	11.60	167	2126010	41.454	ng	100
74) Di-n-butylphthalate	11.93	149	2479340	41.962	ng	98
75) Fluoranthene	12.59	202	2376685	41.218	ng	100
77) Benzidine	12.70	184	1361152	38.909	ng	99
78) Pyrene	12.81	202	2418062	38.570	ng	99
80) Butylbenzylphthalate	13.43	149	1073504	40.681	ng	99
81) Benzo(a)anthracene	14.01	228	2029275	40.258	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	805100	41.173	ng	99
83) Chrysene	14.04	228	2005750	40.592	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1371521	39.740	ng	99
85) Di-n-octyl phthalate	14.63	149	2312583	41.335	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1677295	38.408	ng	100
88) Benzo(b)fluoranthene	15.08	252	1987205	41.361	ng	99
89) Benzo(k)fluoranthene	15.11	252	1718709	38.943	ng	99
90) Benzo(a)pyrene	15.44	252	1695048	40.088	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1366218	38.884	ng	98
92) Benzo(g,h,i)perylene	17.42	276	1340589	38.073	ng	99

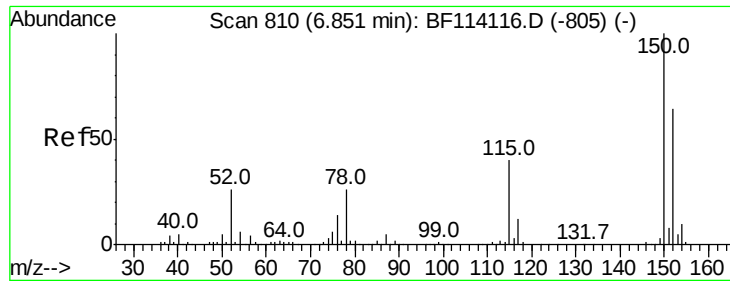
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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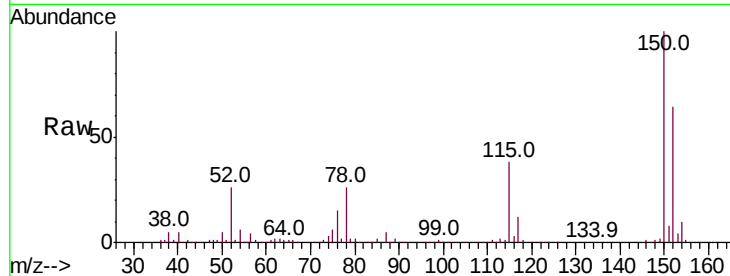


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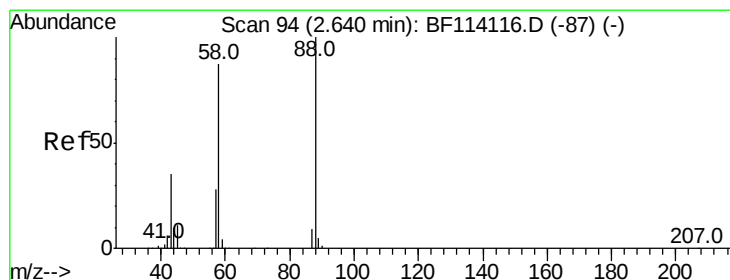
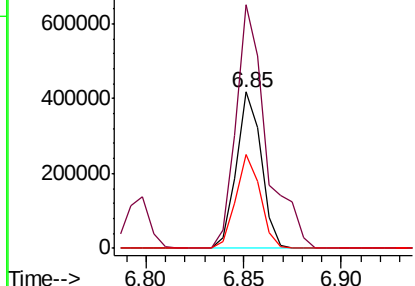
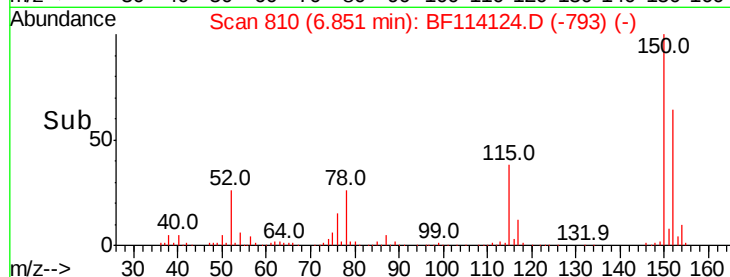
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 370383
Ion Ratio Lower Upper
152 100
150 155.8 124.3 186.5
115 59.9 49.1 73.7



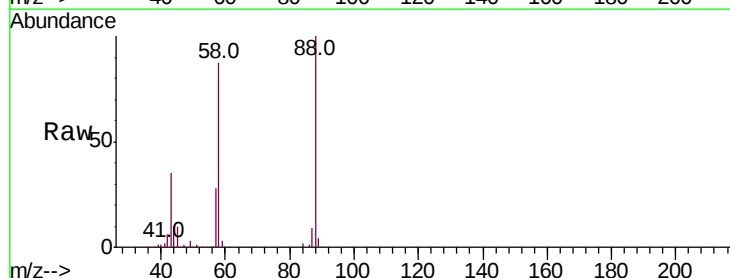
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



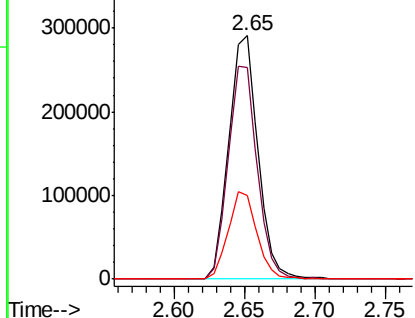
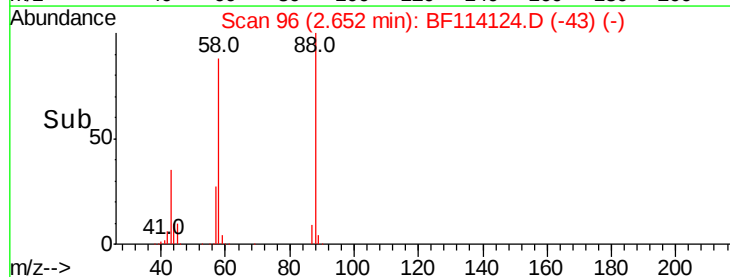
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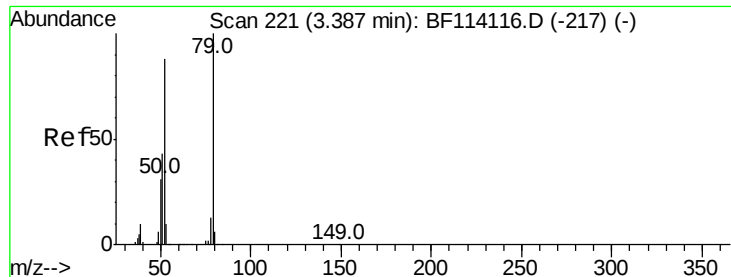
1,4-Dioxane
Concen: 32.885 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.01 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion: 88 Resp: 416016
Ion Ratio Lower Upper
88 100
58 88.0 68.7 103.1
43 35.8 28.2 42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



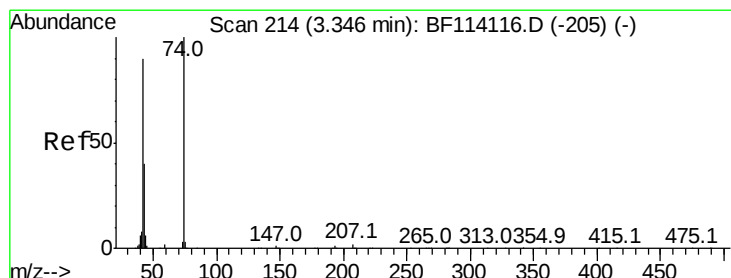
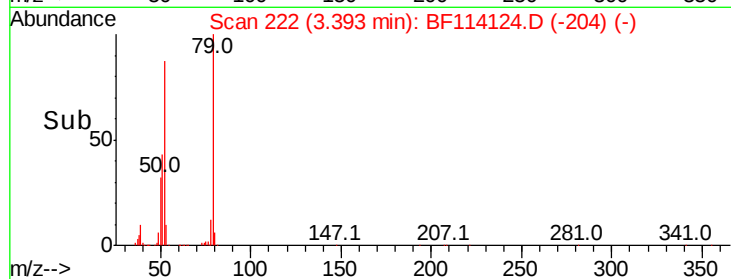
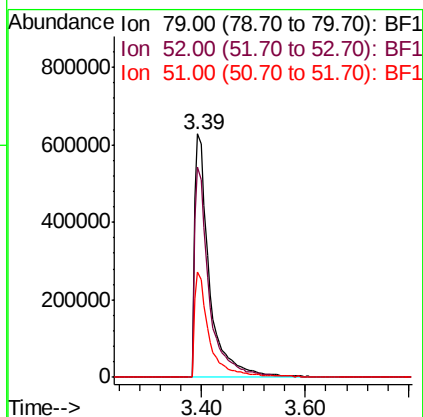
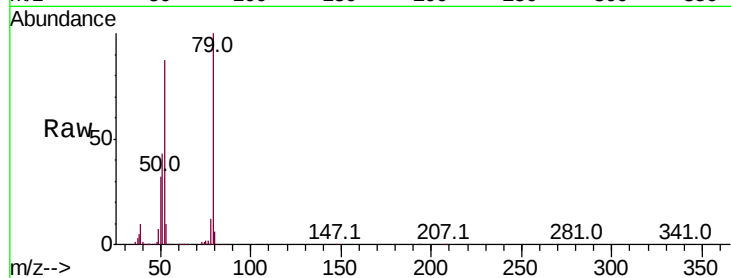


#3
 Pvridine
 Concen: 35.914 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: BF114124.D
 Acq: 10 May 2019 16:49

Instrument :
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 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 1251783

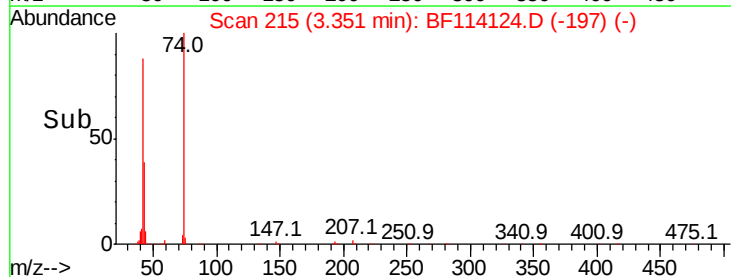
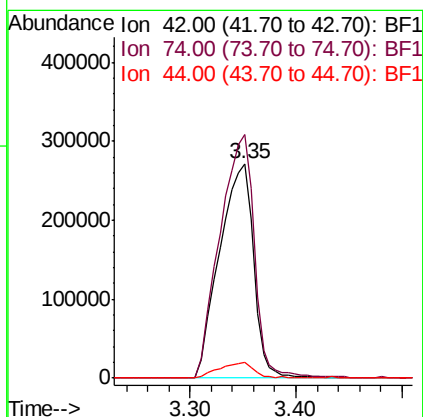
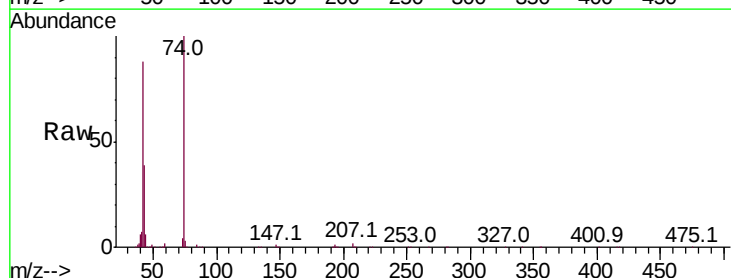
Ion	Ratio	Lower	Upper
79	100		
52	86.5	70.6	105.8
51	43.3	34.2	51.2

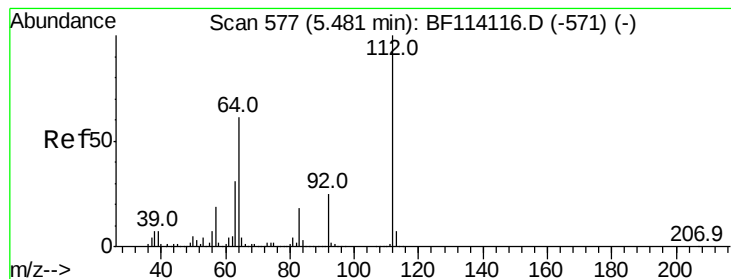


#4
 n-Nitrosodimethylamine
 Concen: 36.116 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.01 min
 Lab File: BF114124.D
 Acq: 10 May 2019 16:49

Tgt Ion: 42 Resp: 607048

Ion	Ratio	Lower	Upper
42	100		
74	113.4	88.6	132.8
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 75.682 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

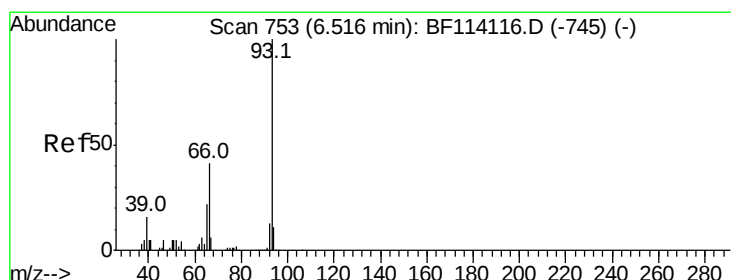
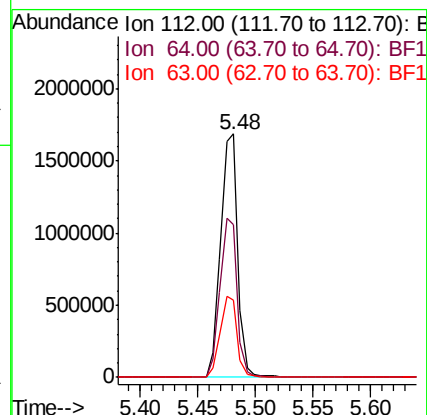
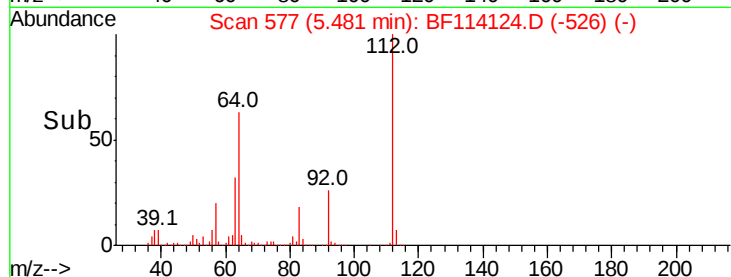
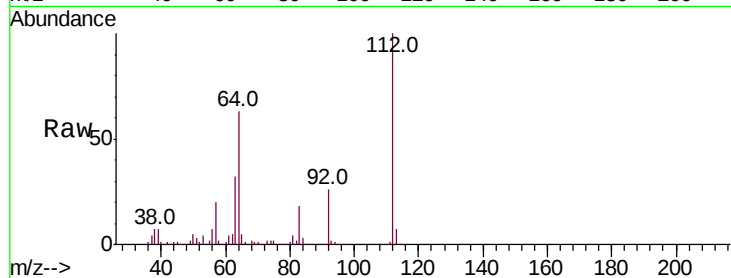
Tot Ion:112 Resp: 1741871

Ion Ratio Lower Upper

112 100

64 62.5 49.0 73.6

63 31.7 24.6 37.0



#6

Aniline

Concen: 41.534 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

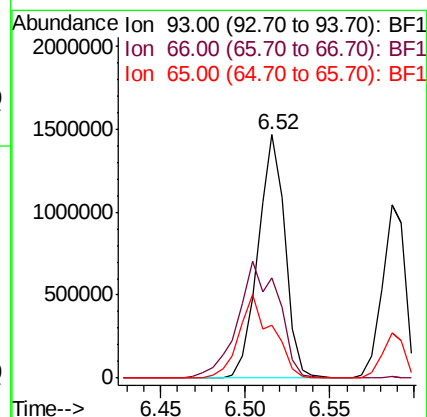
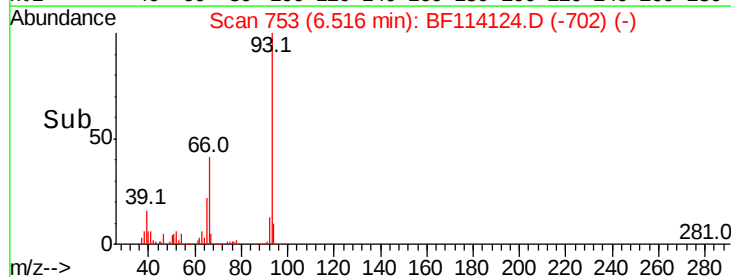
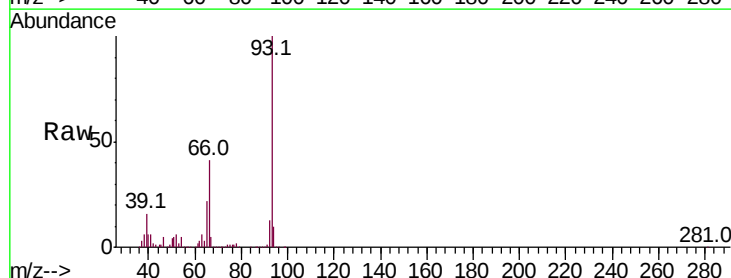
Tgt Ion: 93 Resp: 1633213

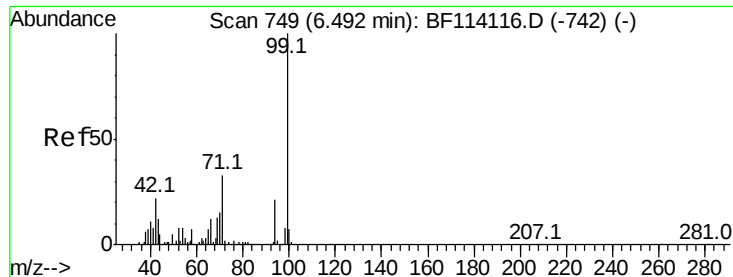
Ion Ratio Lower Upper

93 100

66 41.2 33.2 49.8

65 21.6 17.6 26.4





#7

Phenol-d6

Concen: 80.936 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

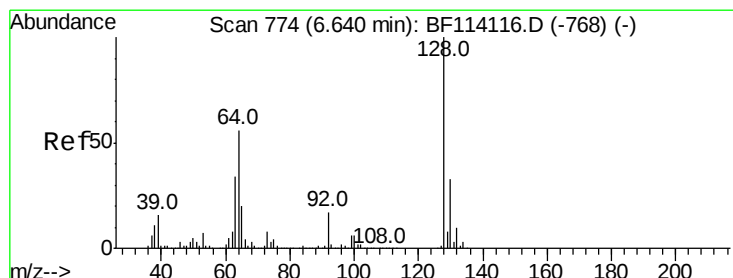
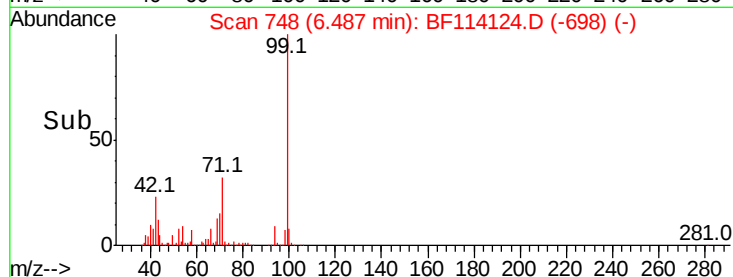
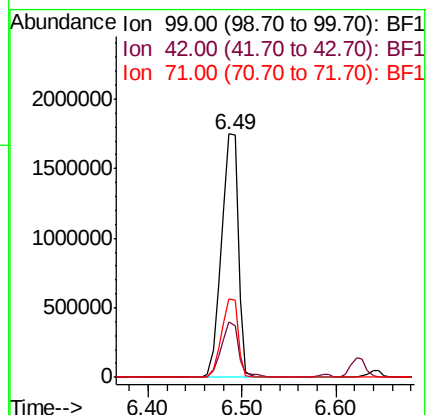
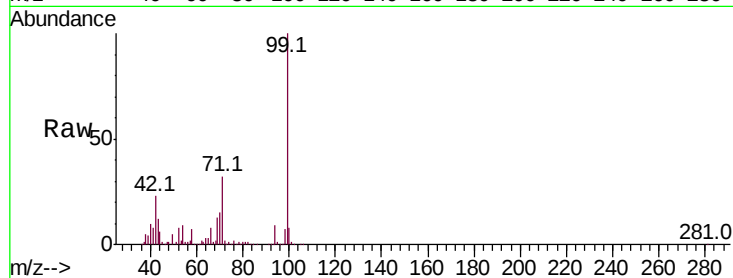
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 2203183

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	32.3	26.2	39.2



#8

2-Chlorophenol

Concen: 40.626 ng

RT: 6.64 min Scan# 774

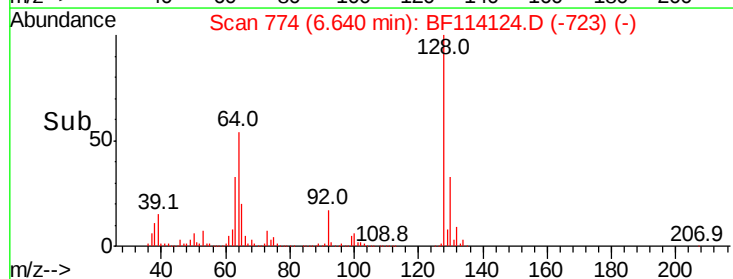
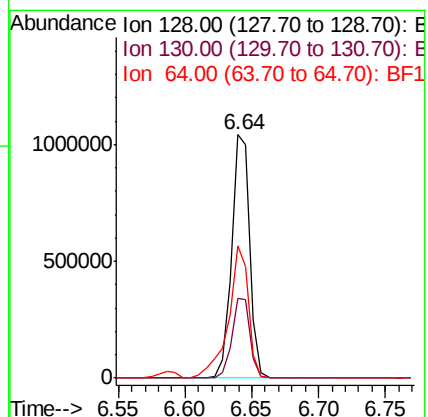
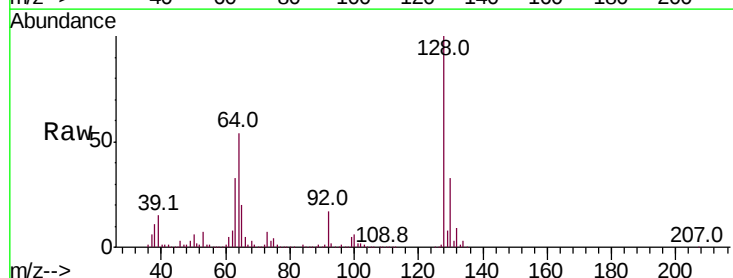
Delta R.T. -0.00 min

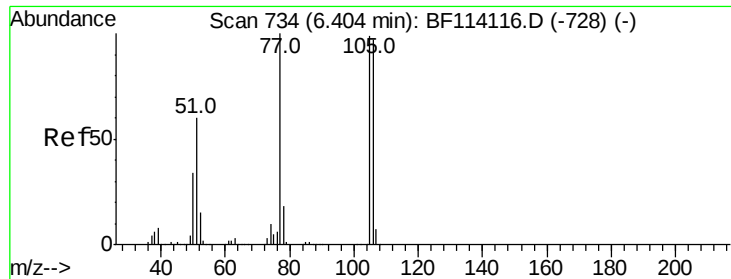
Lab File: BF114124.D

Acq: 10 May 2019 16:49

Tgt Ion: 128 Resp: 998214

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	54.1	35.9	75.9





#9

Benzaldehyde

Concen: 40.753 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

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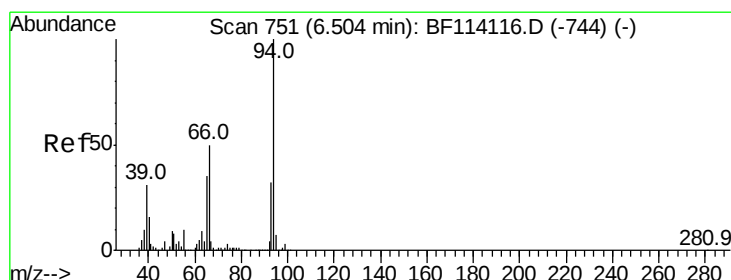
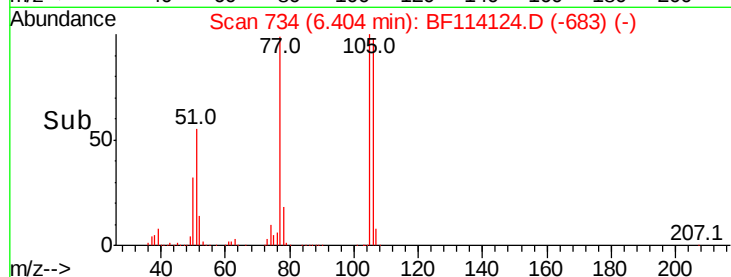
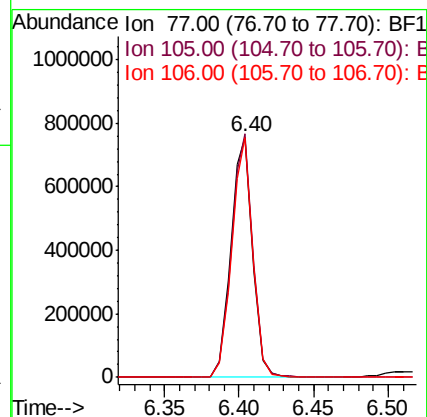
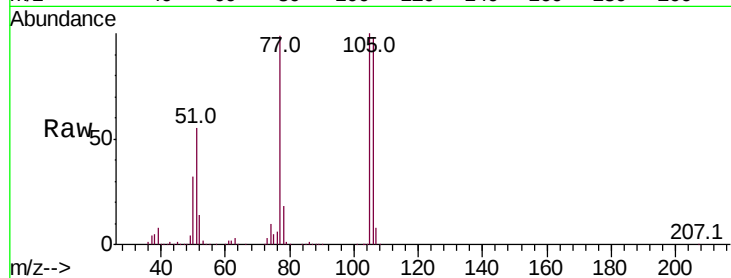
Tot Ion: 77 Resp: 776638

Ion Ratio Lower Upper

77 100

105 101.3 79.3 119.3

106 99.6 77.0 117.0



#10

Phenol

Concen: 41.614 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF114124.D

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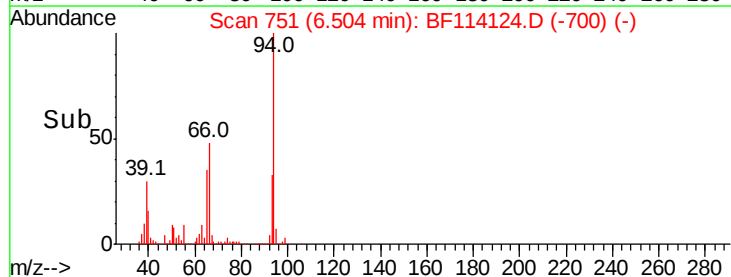
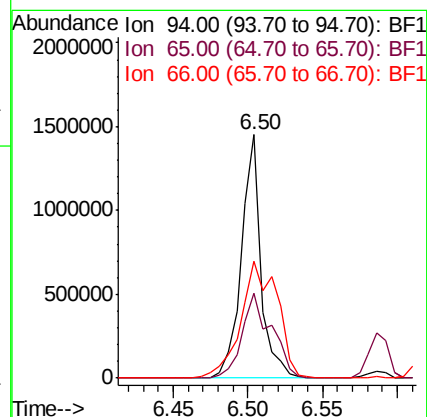
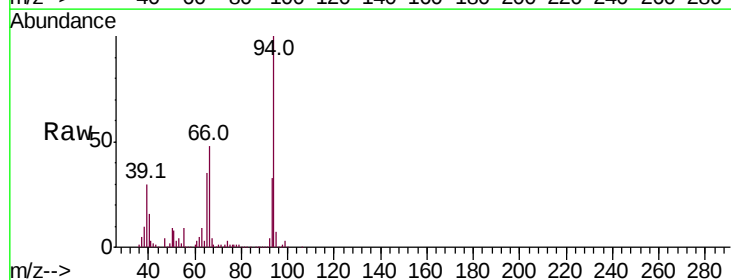
Tgt Ion: 94 Resp: 1332570

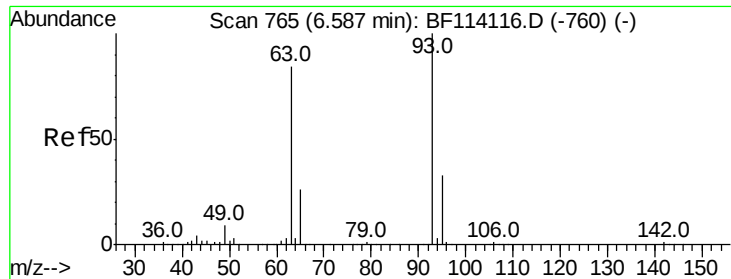
Ion Ratio Lower Upper

94 100

65 34.8 14.7 54.7

66 48.3 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 40.856 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

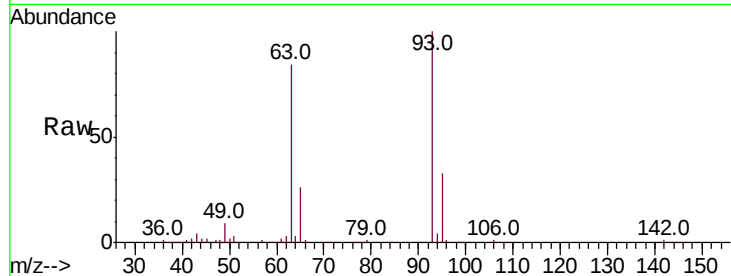
Tot Ion: 93 Resp: 993256

Ion Ratio Lower Upper

93 100

63 83.9 63.6 103.6

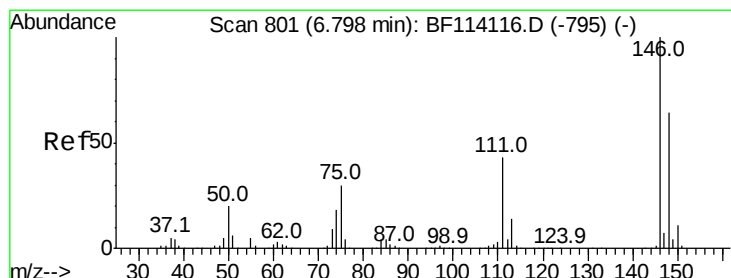
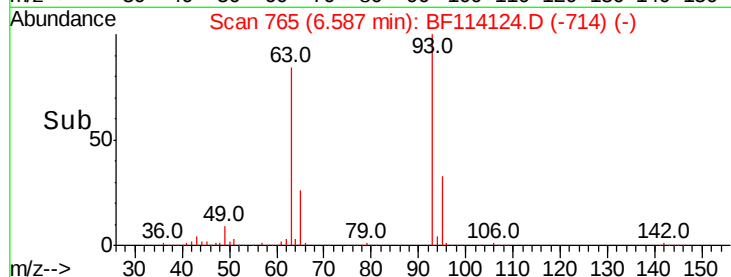
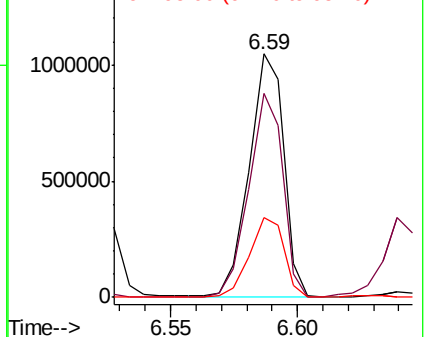
95 32.7 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.123 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

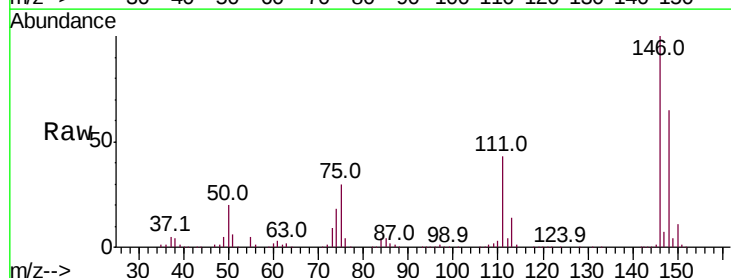
Tgt Ion: 146 Resp: 1106609

Ion Ratio Lower Upper

146 100

148 65.1 51.6 77.4

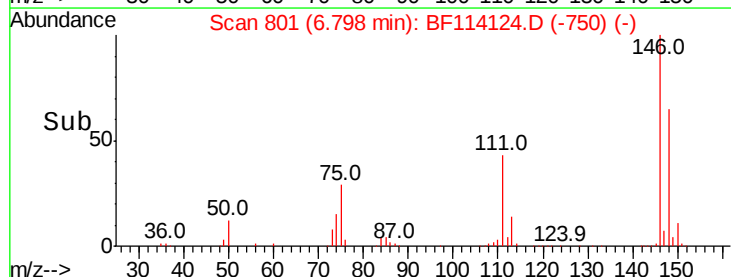
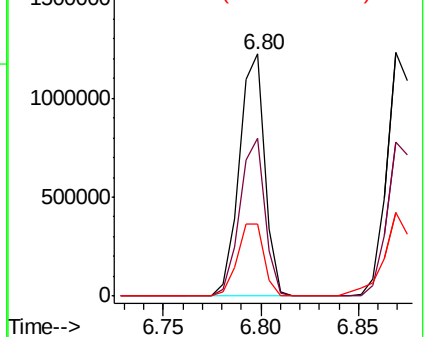
75 29.8 24.2 36.2

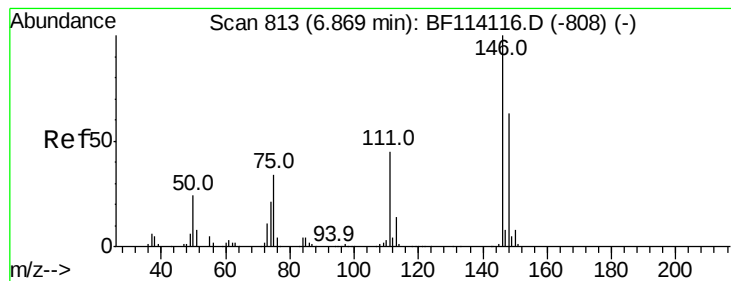


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.904 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

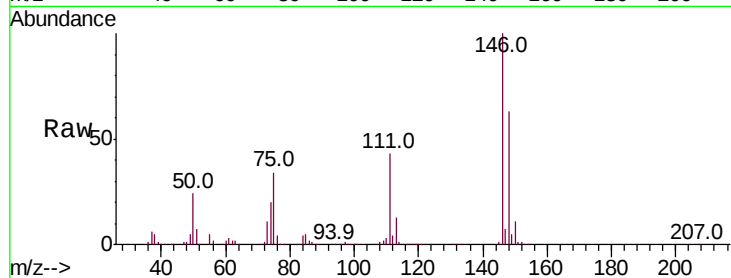
Tot Ion:146 Resp: 1109015

Ion Ratio Lower Upper

146 100

148 63.3 50.2 75.2

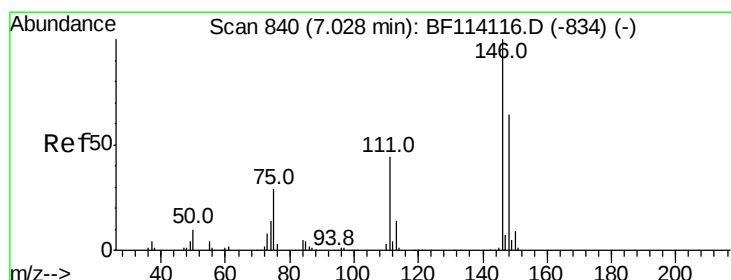
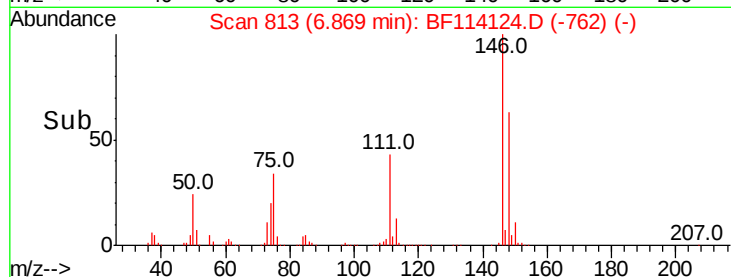
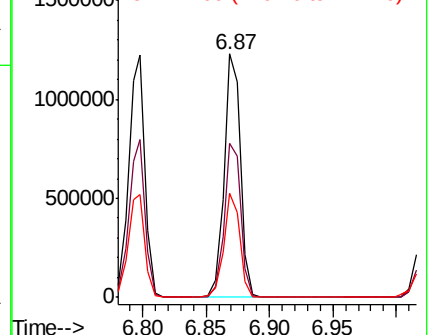
111 42.9 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.557 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

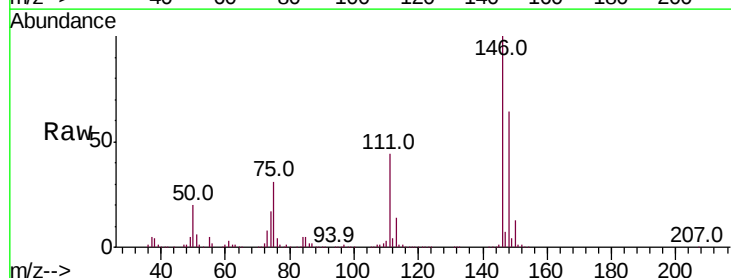
Tgt Ion:146 Resp: 1029805

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

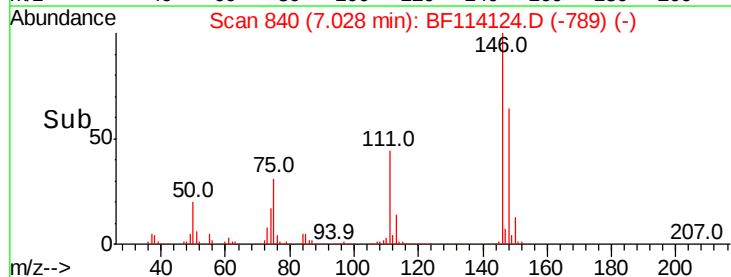
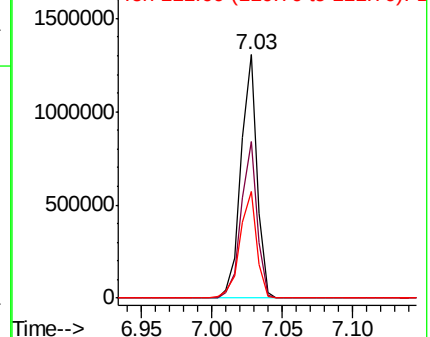
111 43.9 35.3 52.9

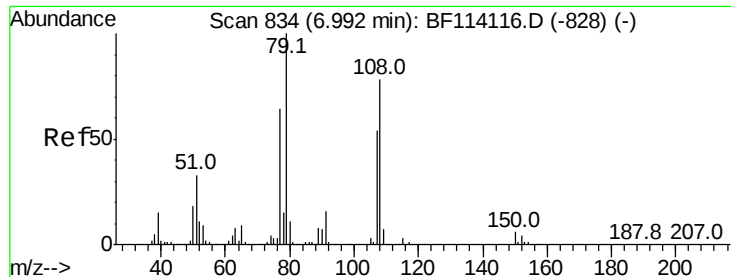


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.879 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

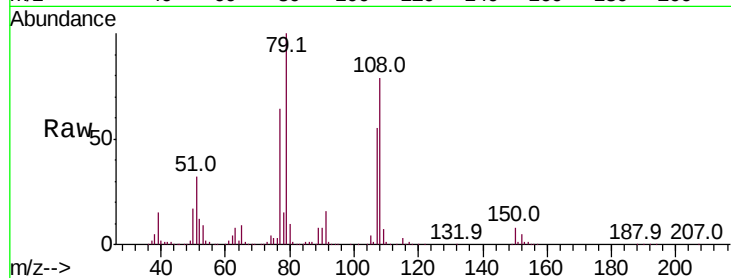
Tot Ion: 79 Resp: 867907

Ion Ratio Lower Upper

79 100

108 79.5 62.1 93.1

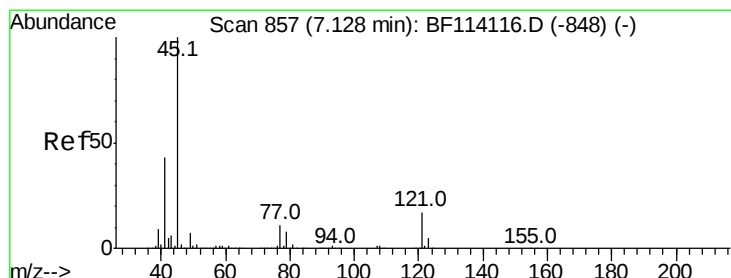
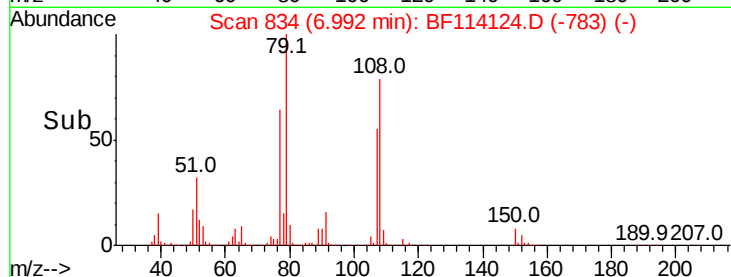
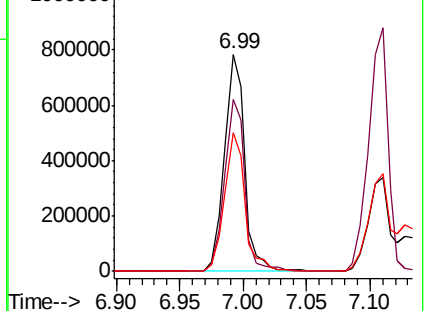
77 64.1 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.866 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

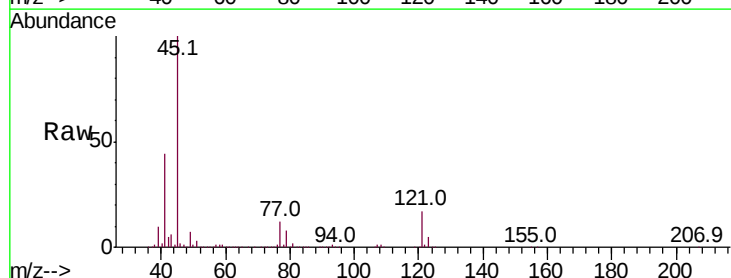
Tgt Ion: 45 Resp: 1879192

Ion Ratio Lower Upper

45 100

77 11.5 0.0 31.1

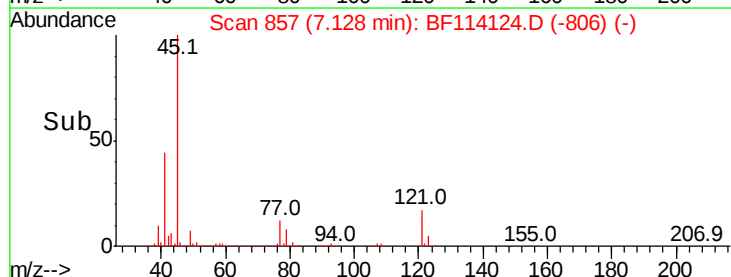
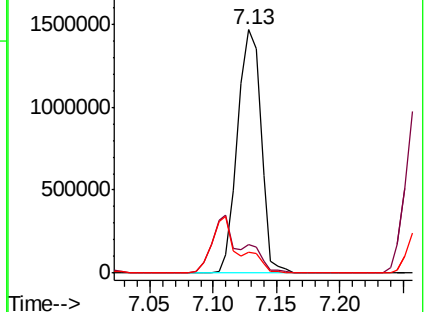
79 8.5 0.0 28.4

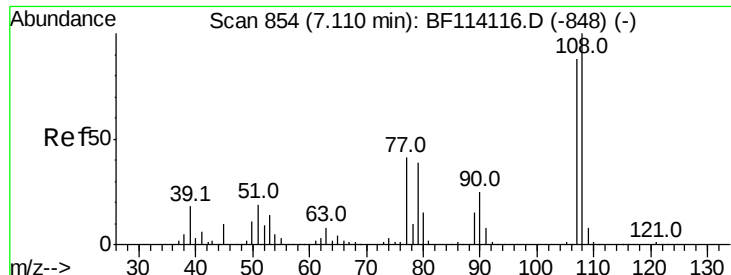


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

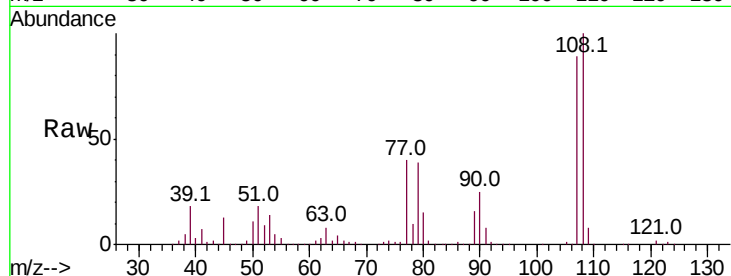




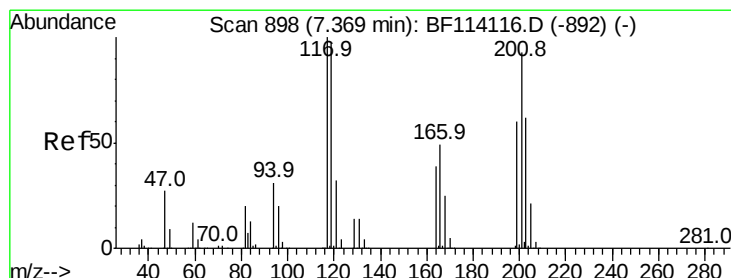
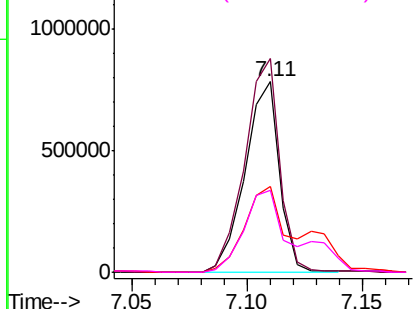
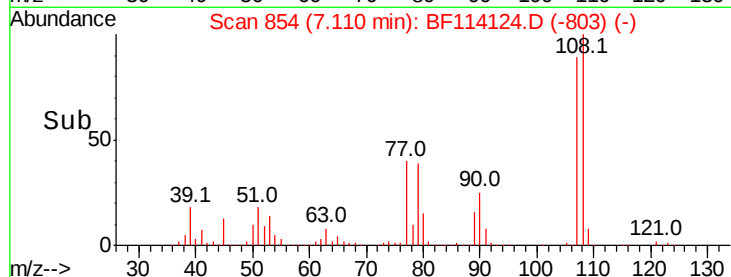
#17
2-Methylphenol
Concen: 40.449 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 816415
Ion Ratio Lower Upper
107 100
108 112.2 90.5 135.7
77 44.9 37.0 55.4
79 43.2 35.8 53.8

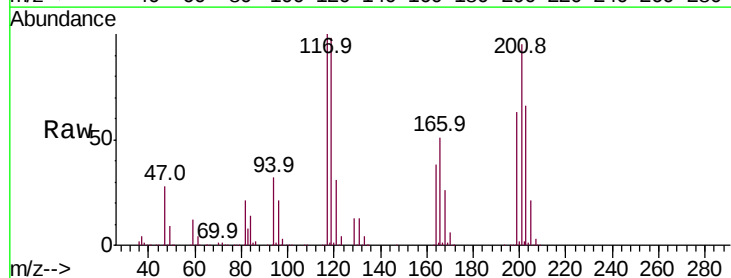


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

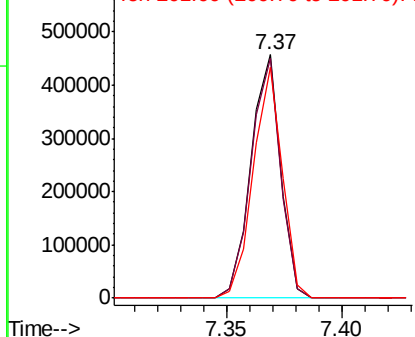
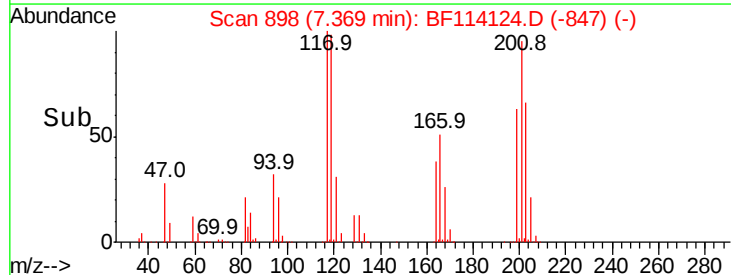


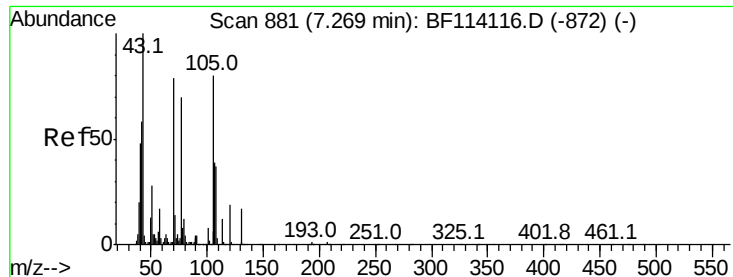
#18
Hexachloroethane
Concen: 39.405 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion:117 Resp: 411082
Ion Ratio Lower Upper
117 100
119 98.4 77.4 116.2
201 94.9 74.5 111.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

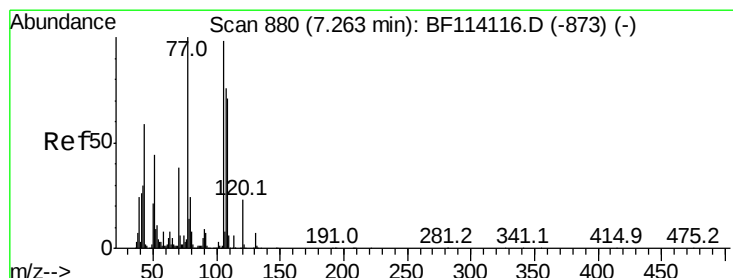
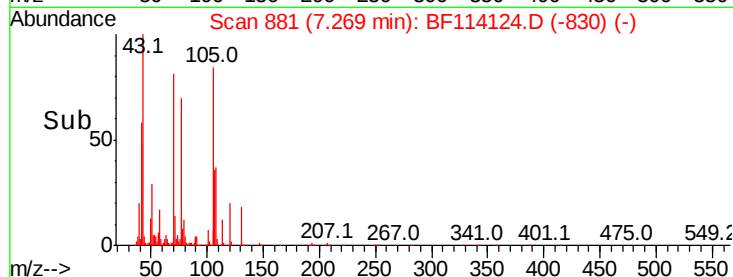
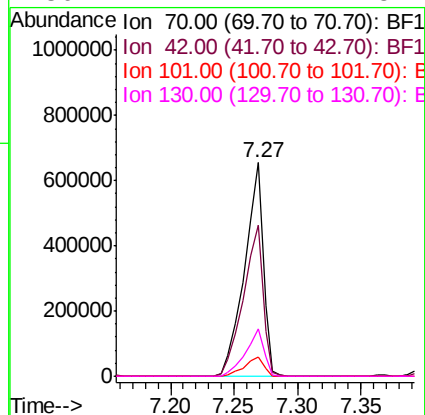
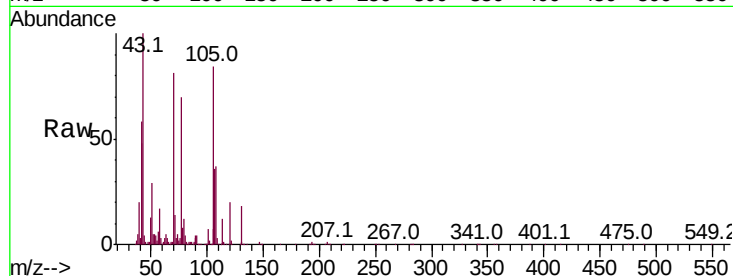




#19
n-Nitroso-di-n-propylamine
Concen: 38.889 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

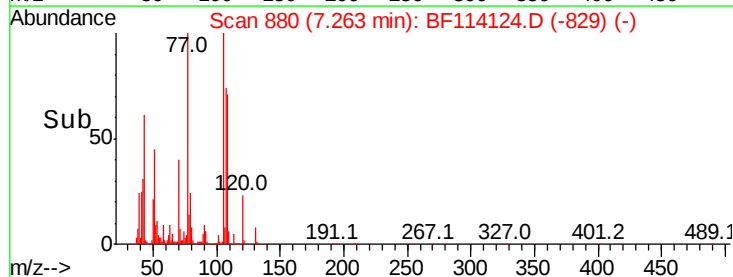
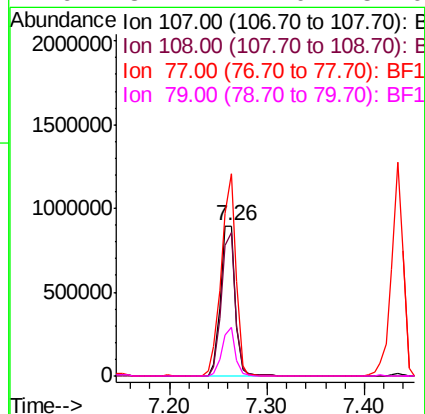
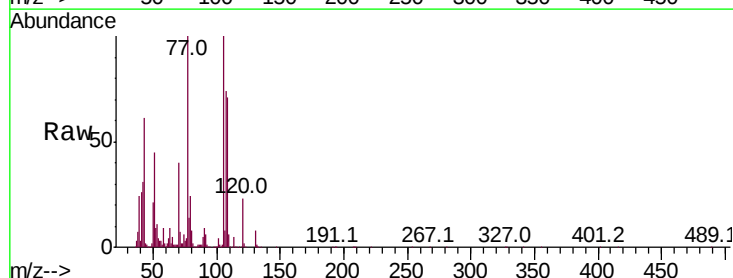
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

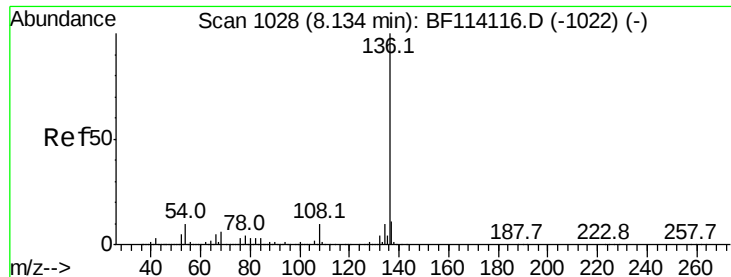
Tot Ion:	70	Resp:	670997
Ion	Ratio	Lower	Upper
70	100		
42	71.0	58.6	87.8
101	9.2	7.8	11.8
130	22.2	17.1	25.7



#20
3+4-Methylphenols
Concen: 40.044 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion:	107	Resp:	933822
Ion	Ratio	Lower	Upper
107	100		
108	95.1	73.8	113.8
77	134.8	111.5	151.5
79	32.2	12.0	52.0

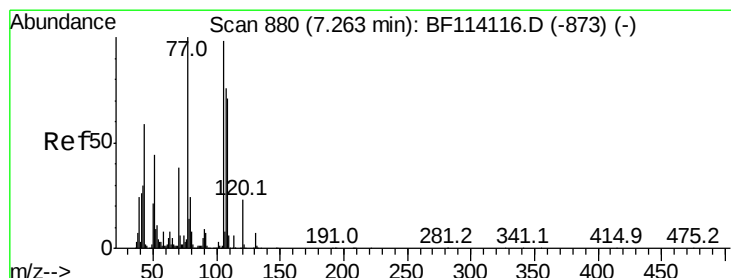
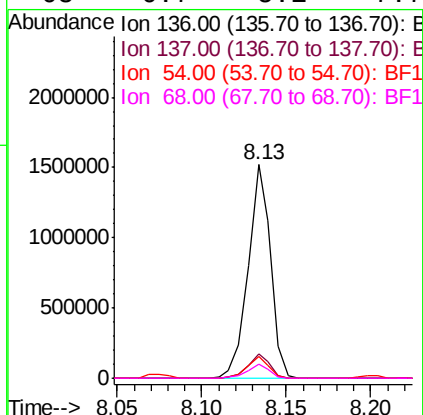
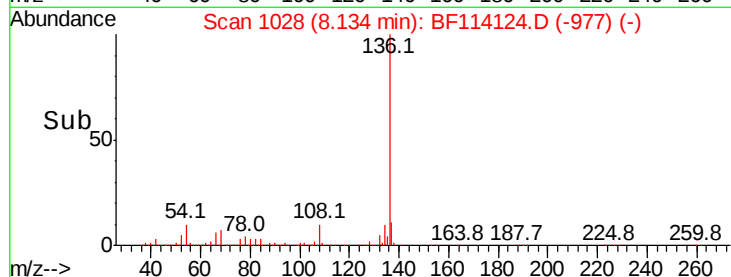
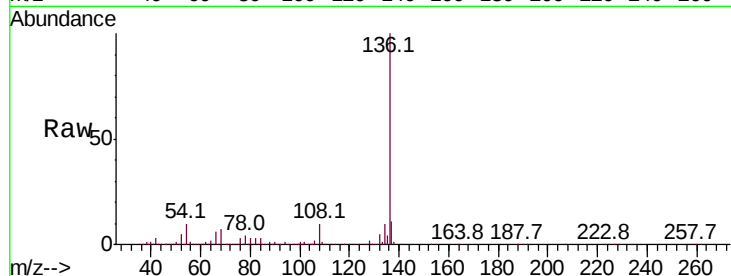




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

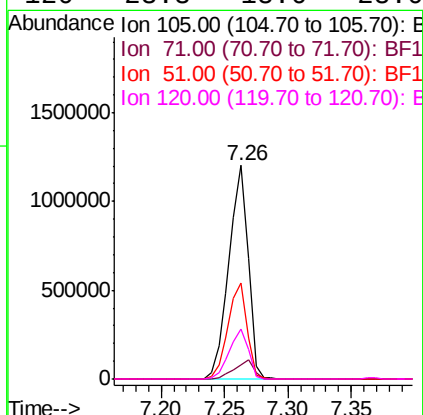
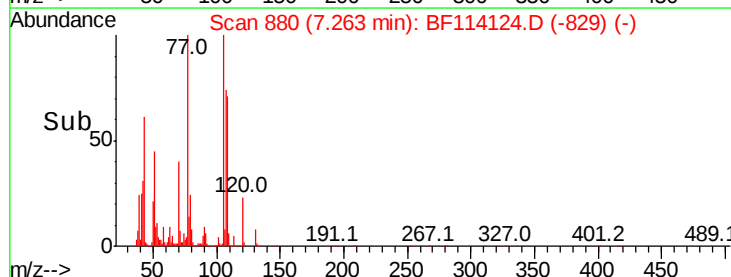
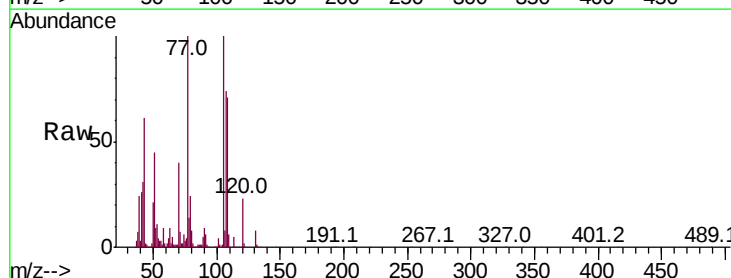
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

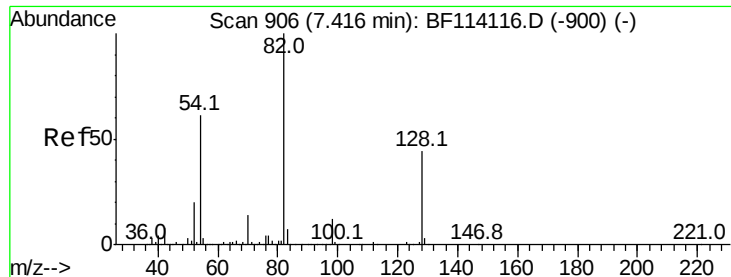
Tot Ion:136 Resp: 1407725
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.2 7.8 11.8
68 6.7 5.1 7.7



#22
Acetophenone
Concen: 40.694 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion:105 Resp: 1269070
Ion Ratio Lower Upper
105 100
71 6.9 5.3 7.9
51 44.8 36.2 54.4
120 23.3 18.6 28.0



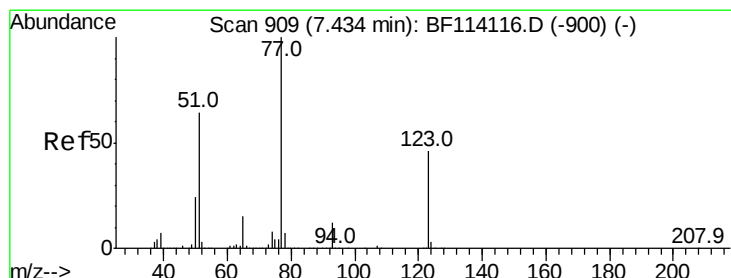
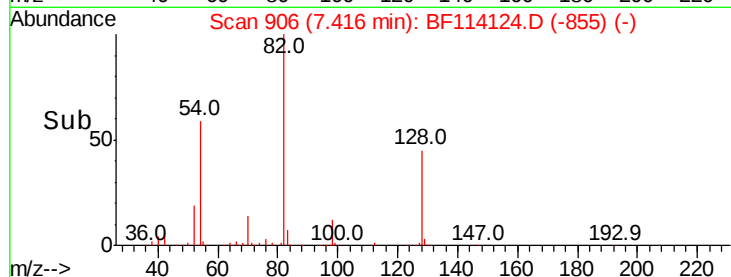
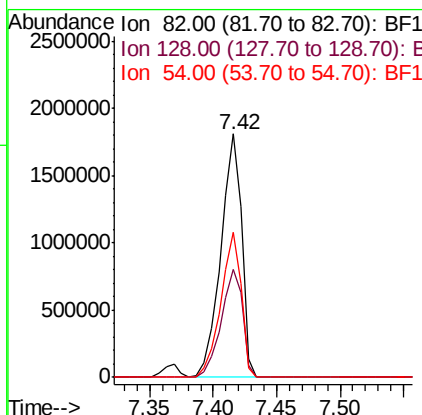
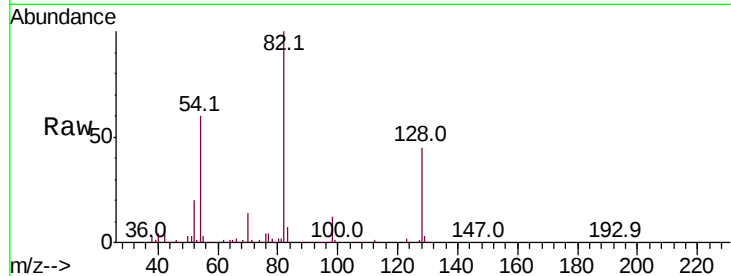


#23
 Nitrobenzene-d5
 Concen: 82.319 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114124.D
 Acq: 10 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 2064903

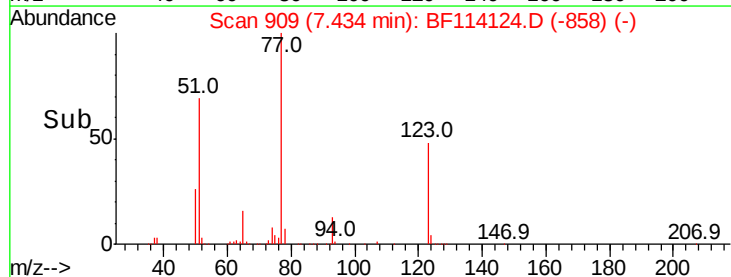
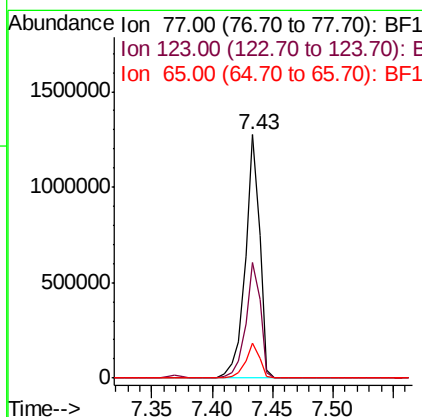
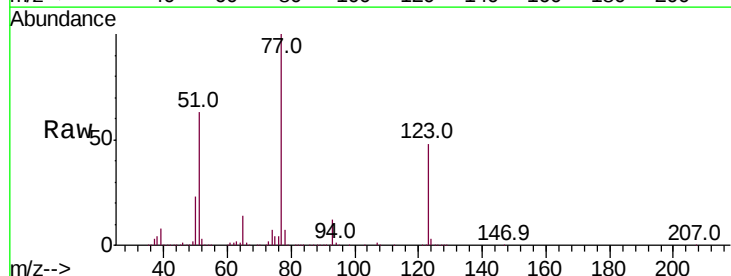
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.5	53.3
54	59.7	48.5	72.7

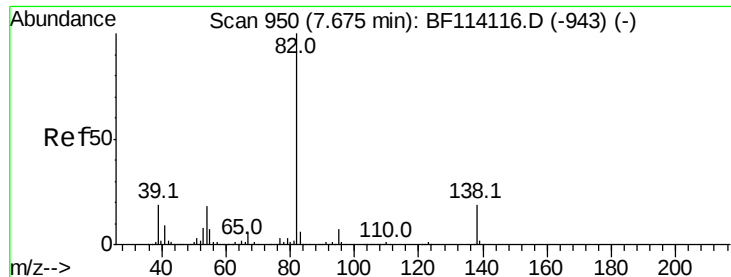


#24
 Nitrobenzene
 Concen: 41.434 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114124.D
 Acq: 10 May 2019 16:49

Tgt Ion: 77 Resp: 1058579

Ion	Ratio	Lower	Upper
77	100		
123	47.7	36.9	55.3
65	14.2	11.8	17.6





#25

Isophorone

Concen: 39.946 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

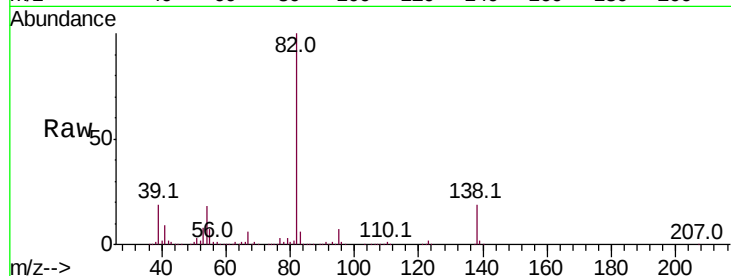
Tot Ion: 82 Resp: 1858321

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

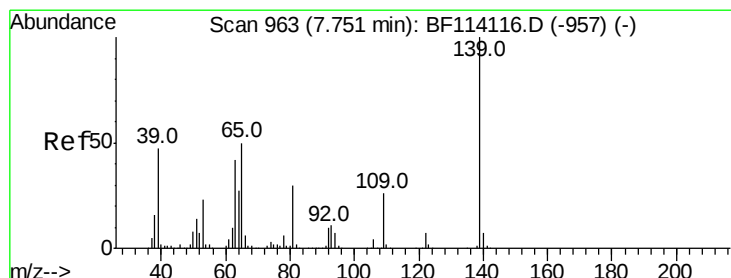
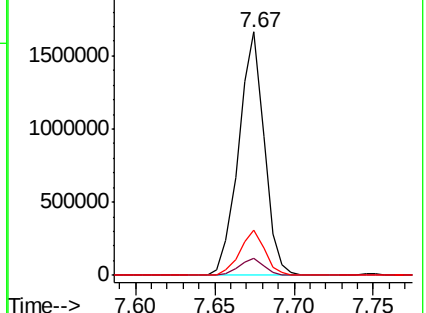
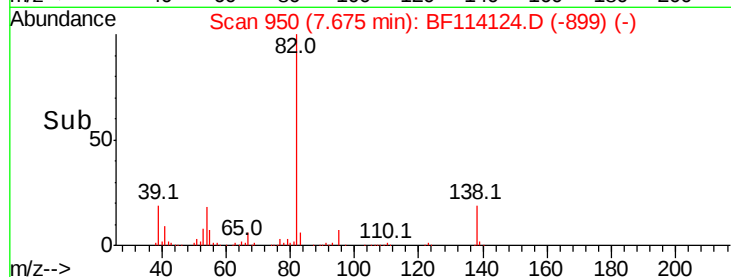
138 18.7 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.591 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

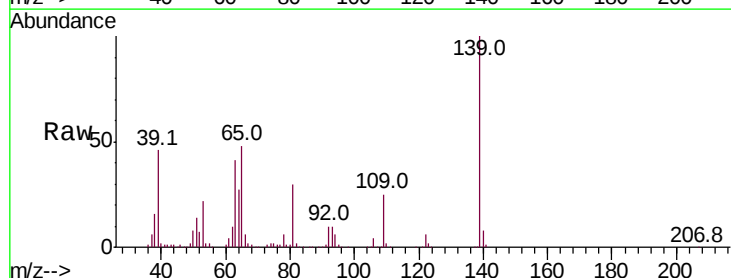
Tgt Ion: 139 Resp: 515524

Ion Ratio Lower Upper

139 100

109 25.2 20.7 31.1

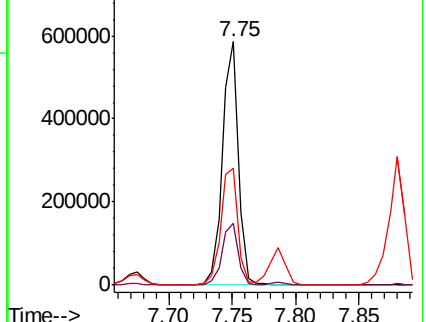
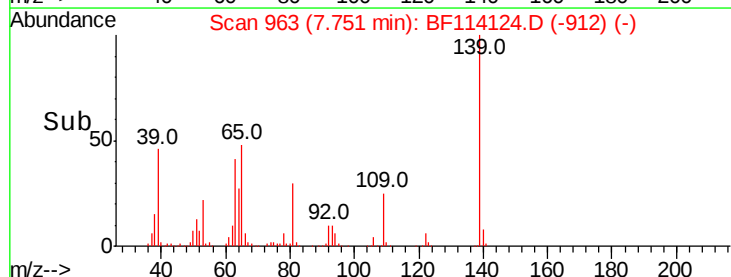
65 48.2 40.2 60.2

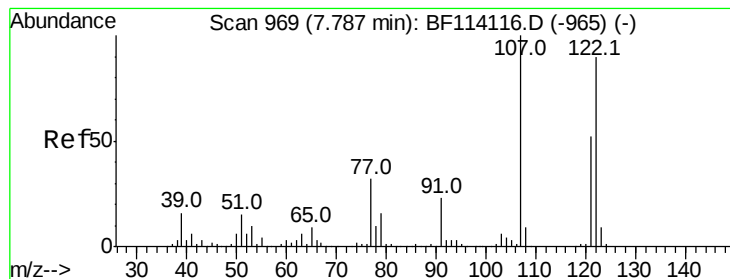


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.184 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

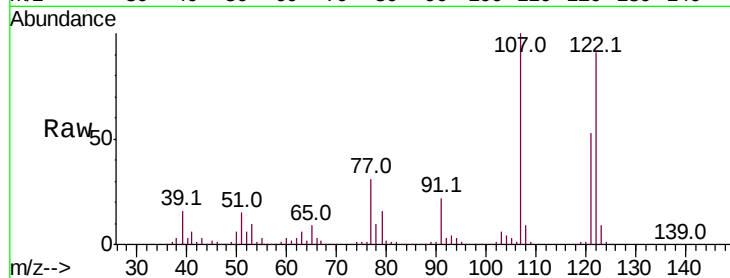
Tot Ion:122 Resp: 782294

Ion Ratio Lower Upper

122 100

107 110.4 88.4 132.6

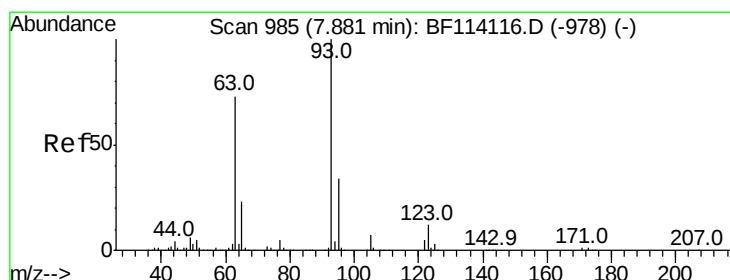
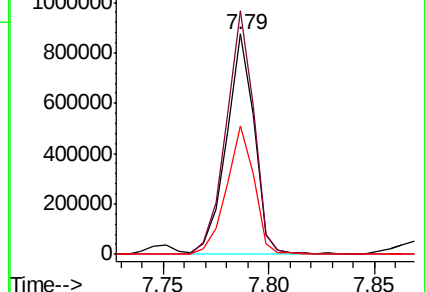
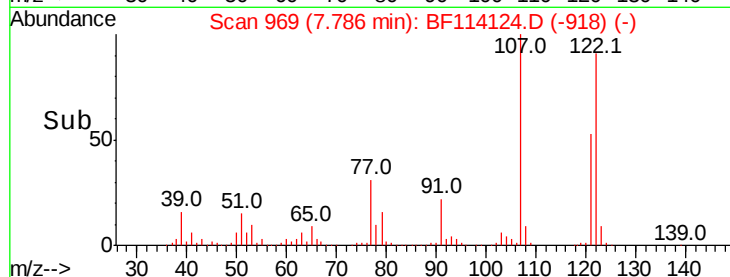
121 58.4 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.405 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

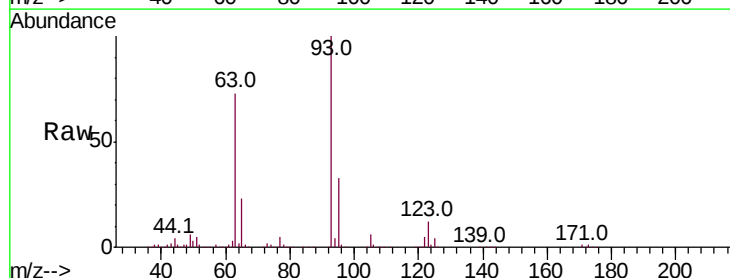
Tgt Ion: 93 Resp: 1219615

Ion Ratio Lower Upper

93 100

95 33.4 26.8 40.2

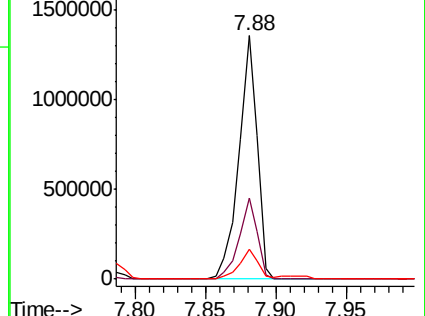
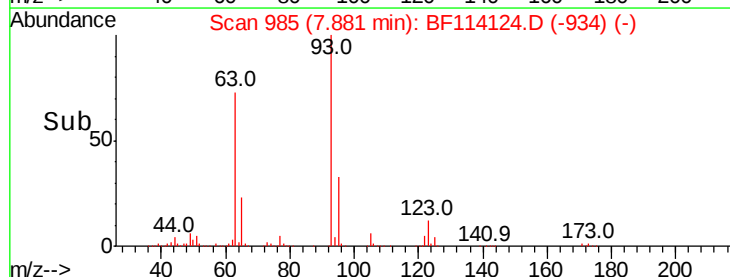
123 12.0 9.5 14.3

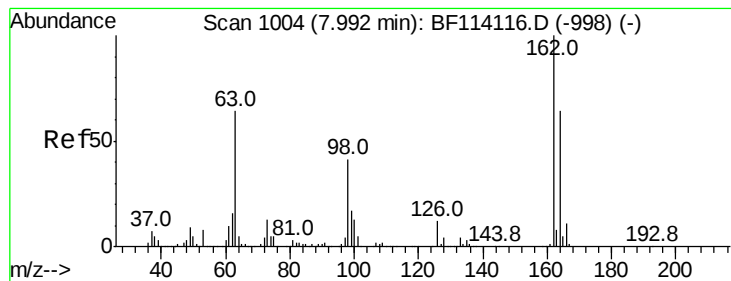


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.618 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

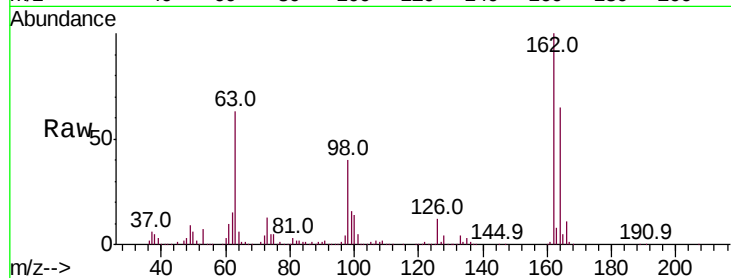
Tot Ion:162 Resp: 787389

Ion Ratio Lower Upper

162 100

164 64.5 43.6 83.6

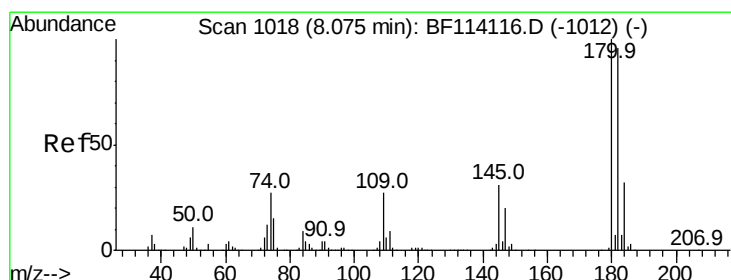
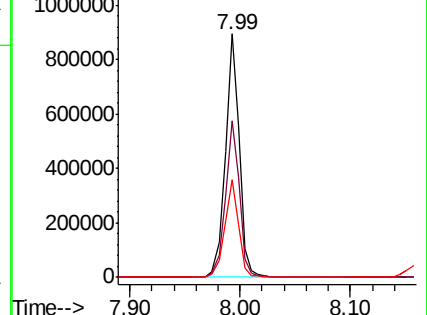
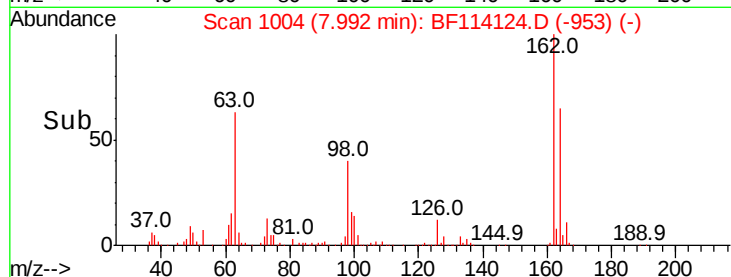
98 39.9 20.6 60.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.839 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

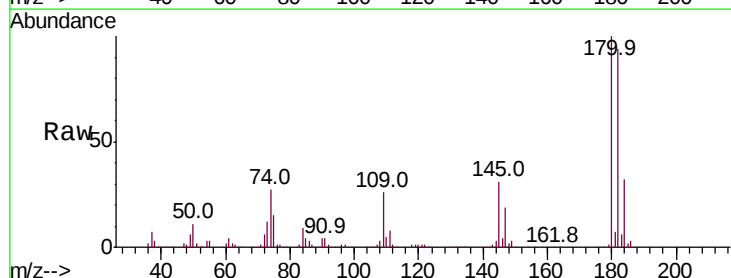
Tgt Ion:180 Resp: 900232

Ion Ratio Lower Upper

180 100

182 93.8 76.6 114.8

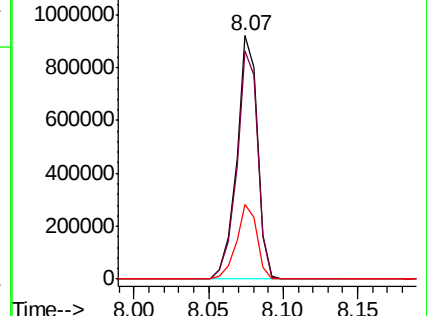
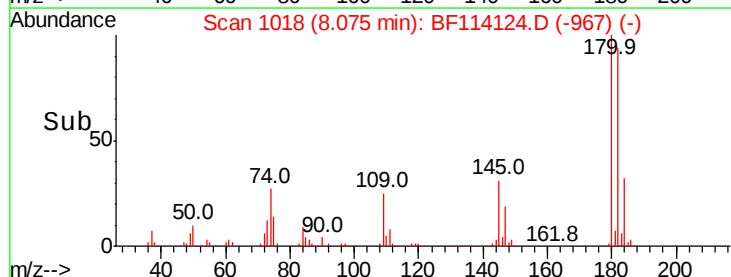
145 30.8 25.1 37.7

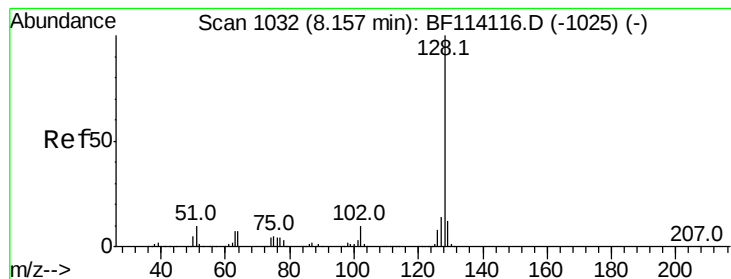


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.936 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

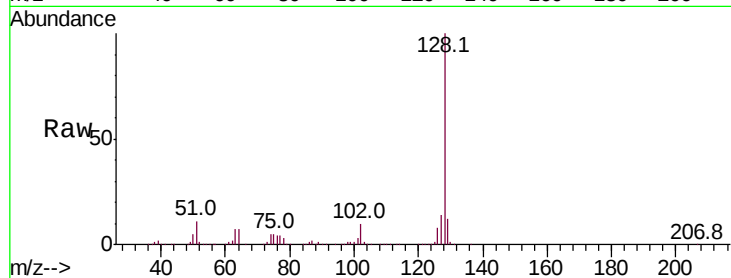
Tot Ion:128 Resp: 2691819

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

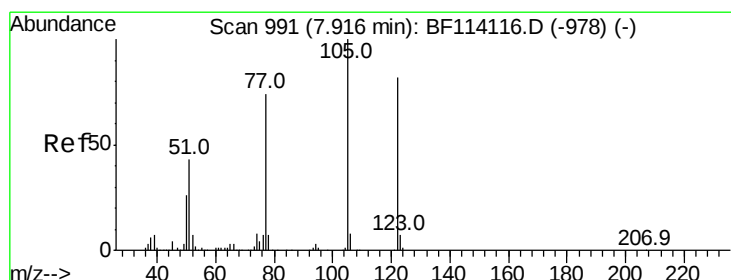
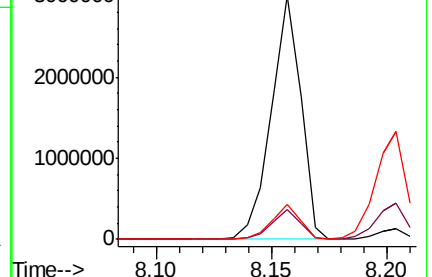
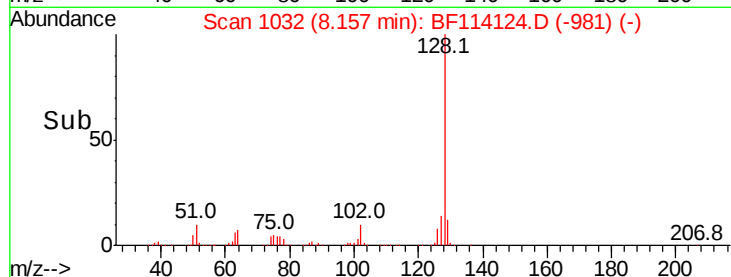
127 14.2 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.247 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

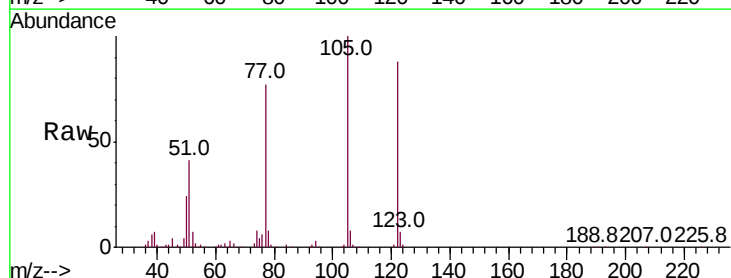
Tgt Ion:122 Resp: 475194

Ion Ratio Lower Upper

122 100

105 113.5 99.9 139.9

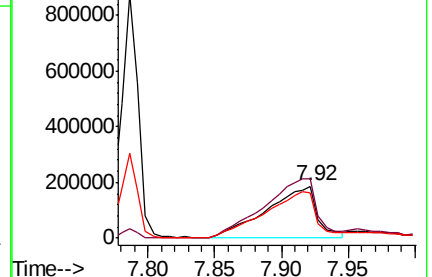
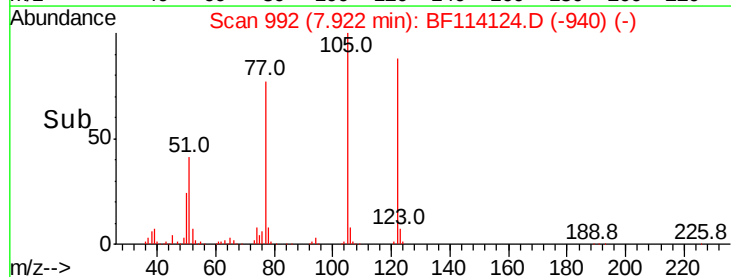
77 87.3 69.4 109.4

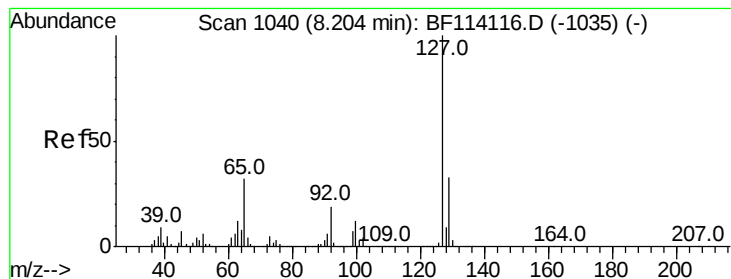


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 41.586 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 1246115

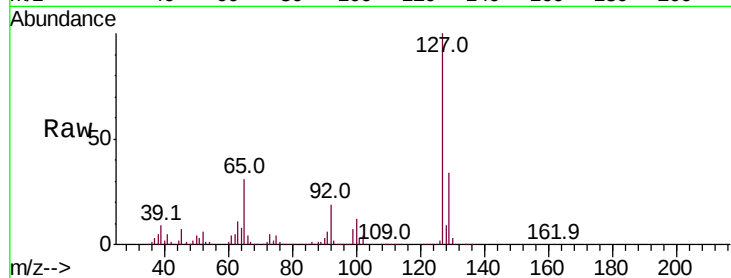
Ion Ratio Lower Upper

127 100

129 33.6 26.7 40.1

65 30.9 25.4 38.0

92 19.0 15.4 23.2

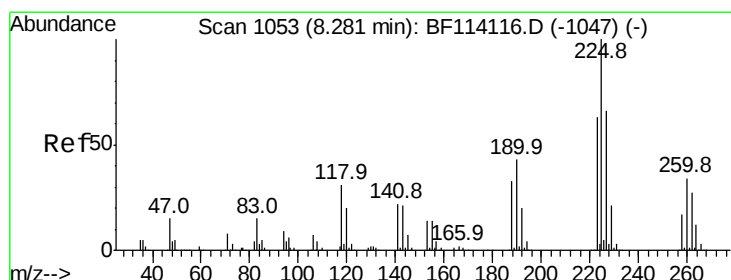
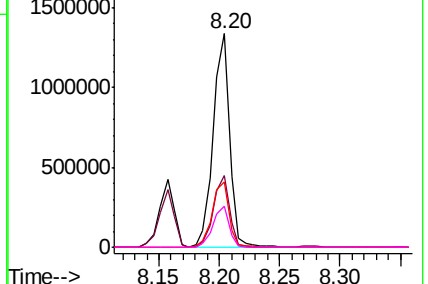
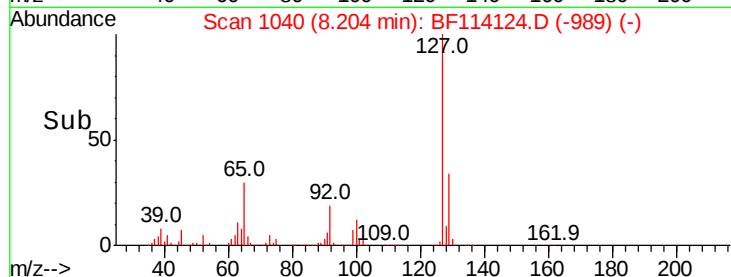


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.355 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

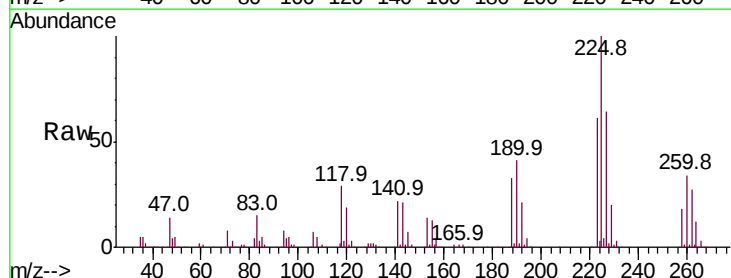
Tgt Ion:225 Resp: 518687

Ion Ratio Lower Upper

225 100

223 61.3 50.2 75.2

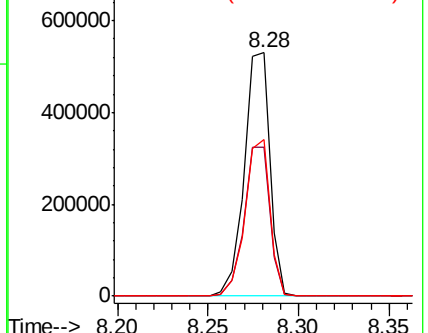
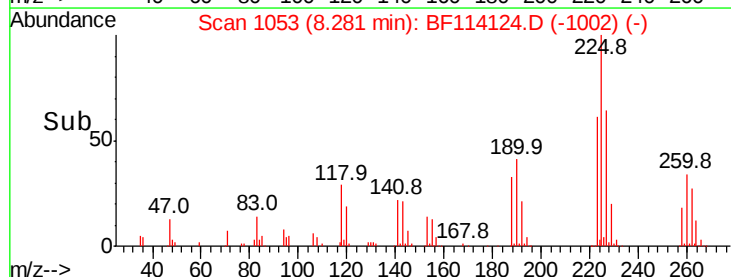
227 64.3 52.6 79.0

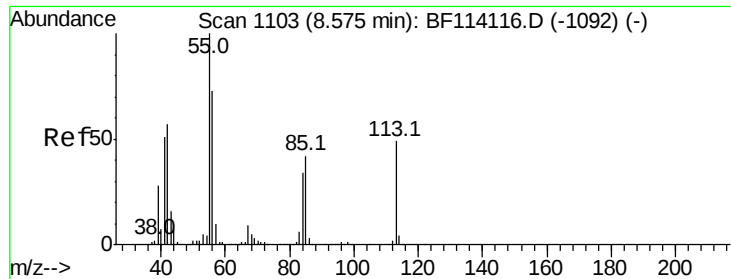


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

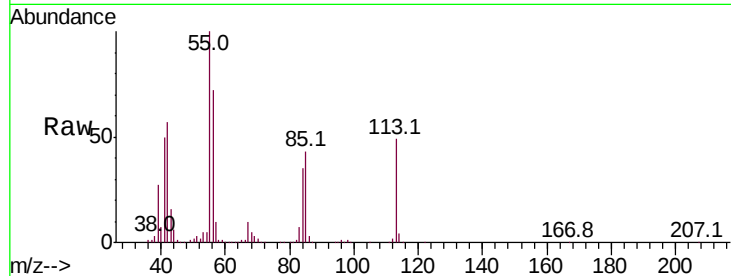




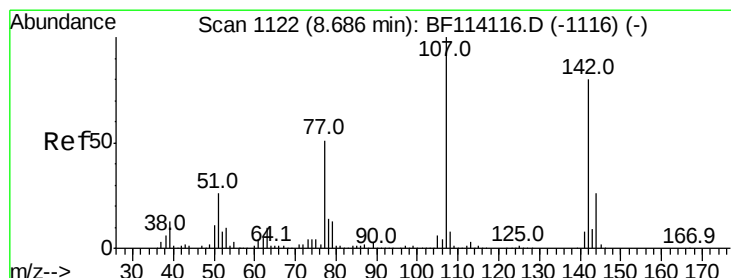
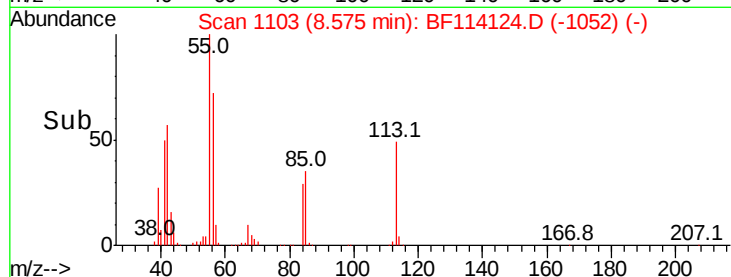
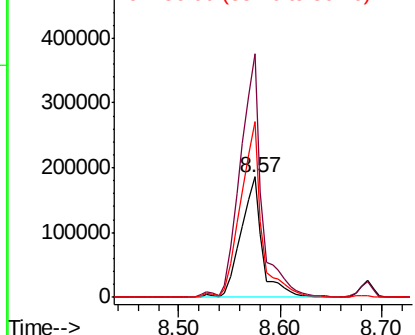
#35
 Caprolactam
 Concen: 43.359 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BF114124.D
 Acq: 10 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 274072
 Ion Ratio Lower Upper
 113 100
 55 202.5 183.5 223.5
 56 146.3 128.8 168.8

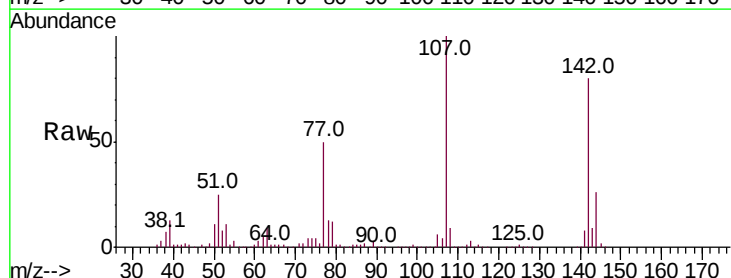


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

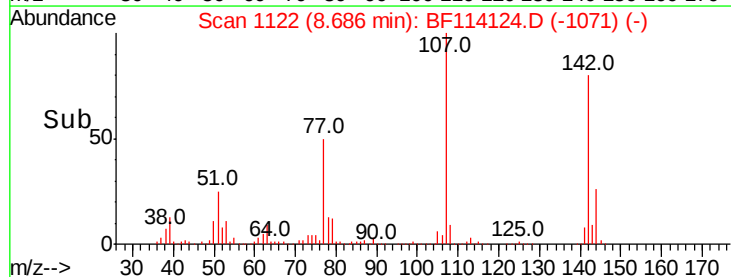
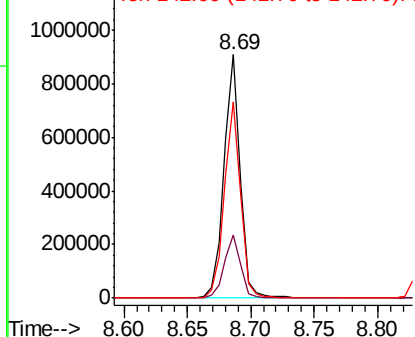


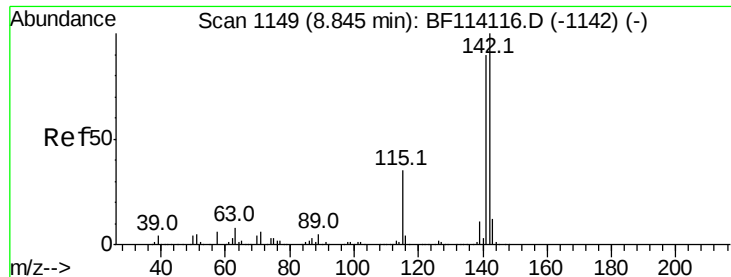
#36
 4-Chloro-3-methylphenol
 Concen: 41.471 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114124.D
 Acq: 10 May 2019 16:49

Tgt Ion:107 Resp: 809214
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.4 30.6
 142 80.4 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.822 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

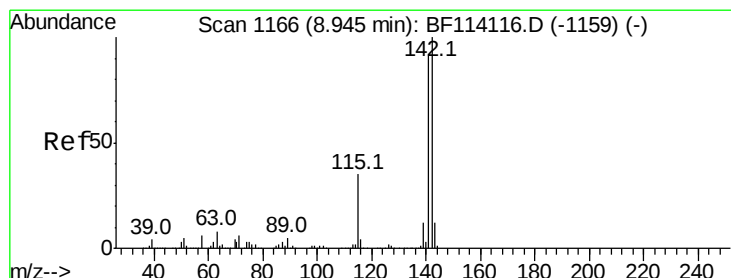
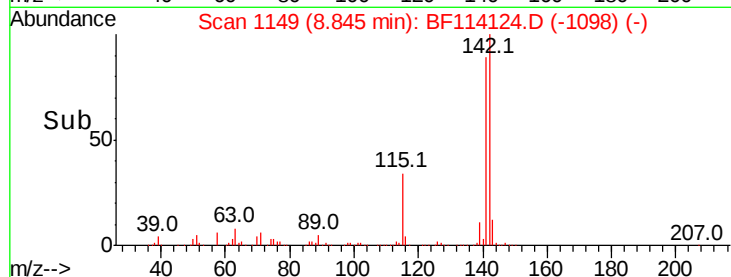
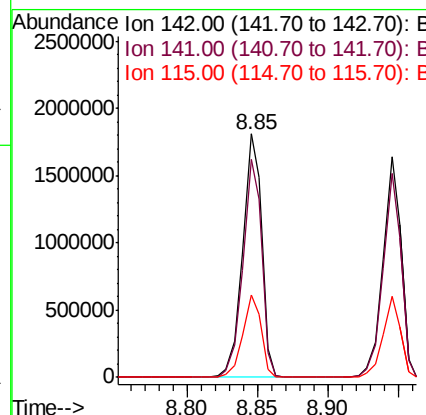
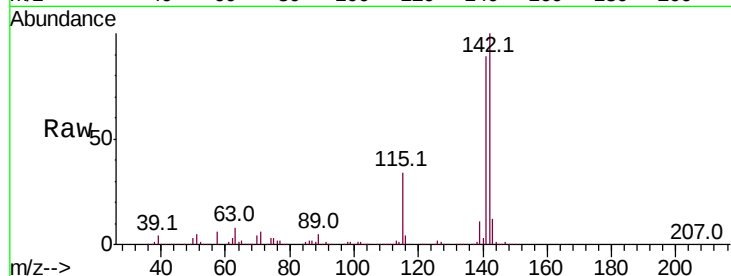
Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1689501

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.1	108.1
115	33.9	28.0	42.0



#38

1-Methylnaphthalene

Concen: 36.646 ng

RT: 8.95 min Scan# 1166

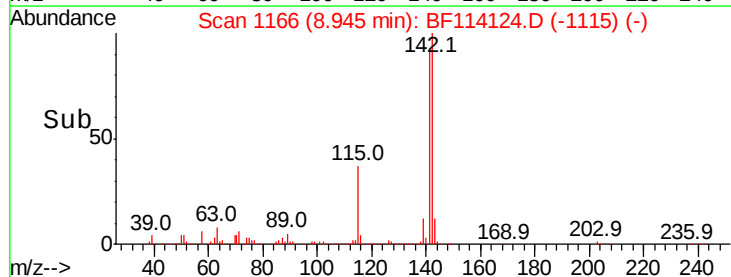
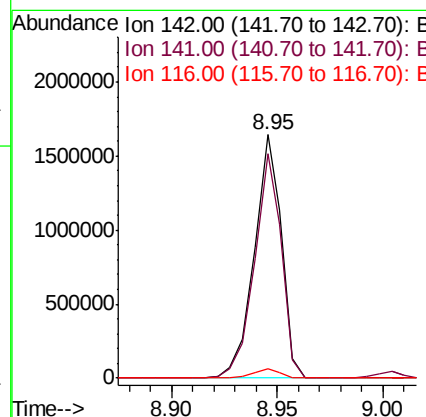
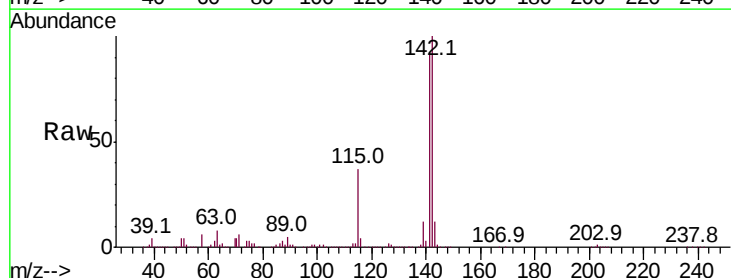
Delta R.T. -0.00 min

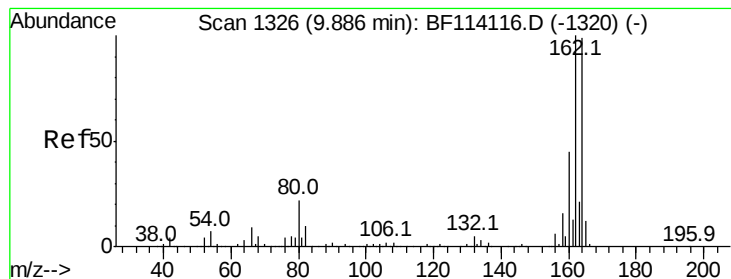
Lab File: BF114124.D

Acq: 10 May 2019 16:49

Tgt Ion:142 Resp: 1464141

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.4	110.0
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

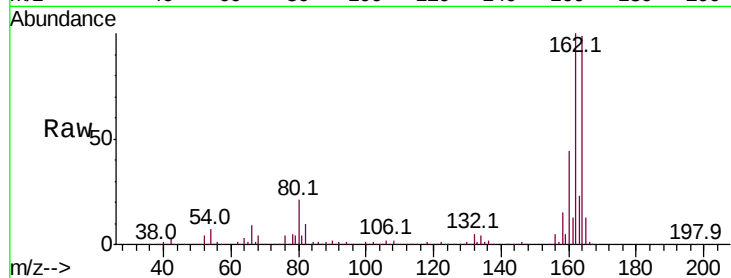
Tot Ion:164 Resp: 564258

Ion Ratio Lower Upper

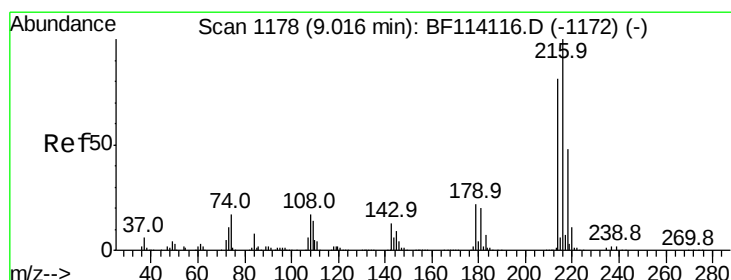
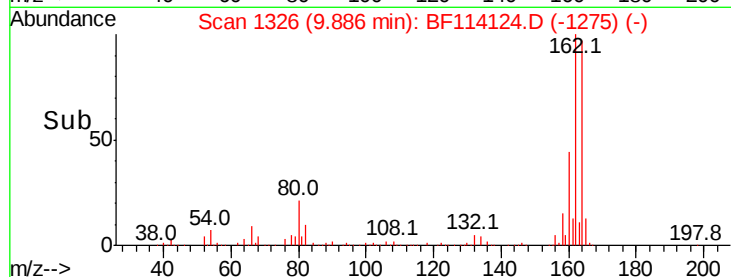
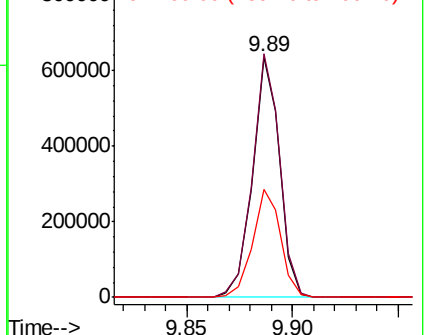
164 100

162 101.5 80.6 120.8

160 44.7 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.535 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Tgt Ion:216 Resp: 709948

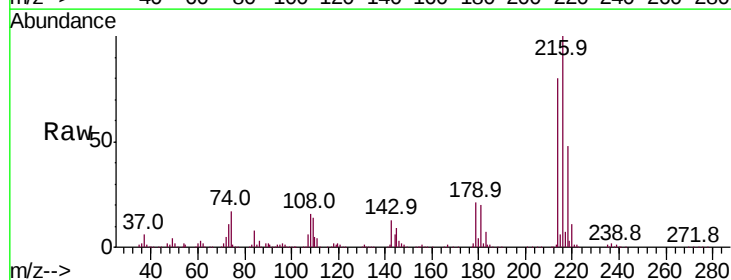
Ion Ratio Lower Upper

216 100

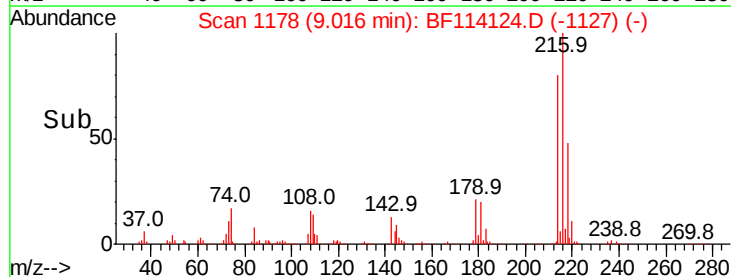
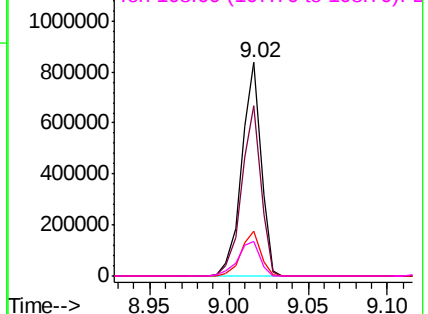
214 79.3 63.9 95.9

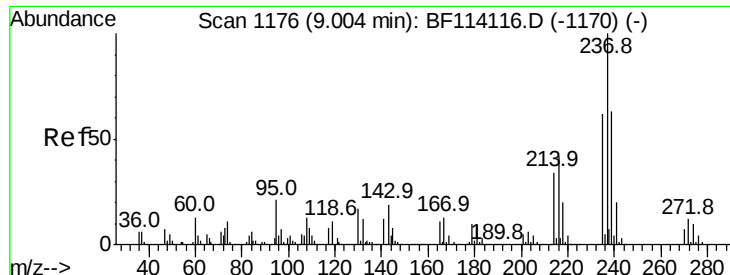
179 21.1 17.0 25.6

108 18.4 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.901 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

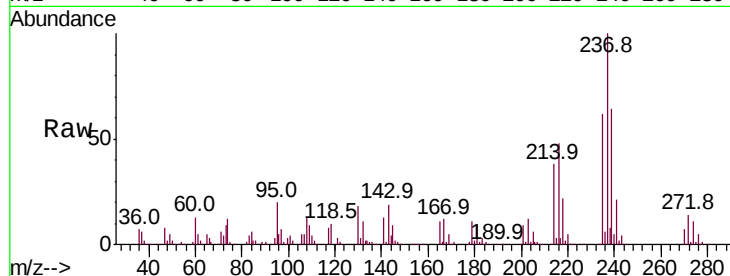
Tot Ion:237 Resp: 299495

Ion Ratio Lower Upper

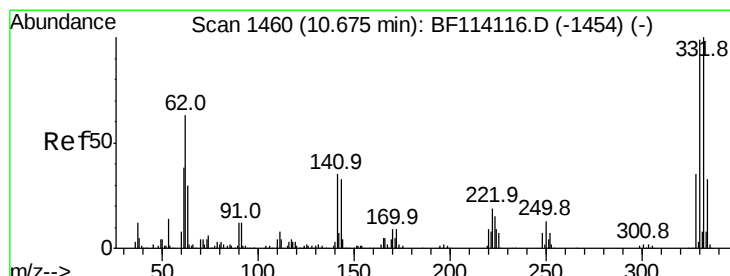
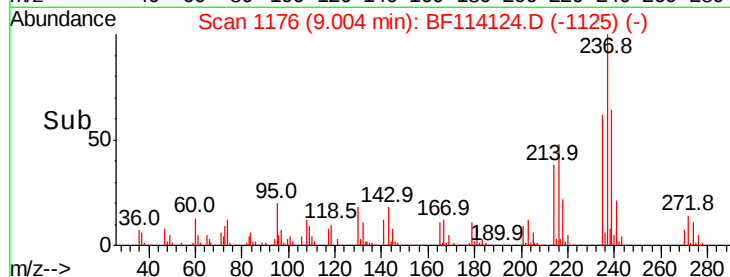
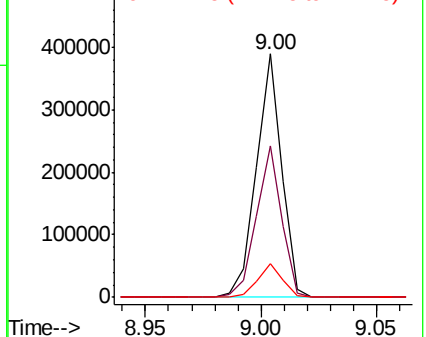
237 100

235 62.4 42.0 82.0

272 13.9 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.301 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

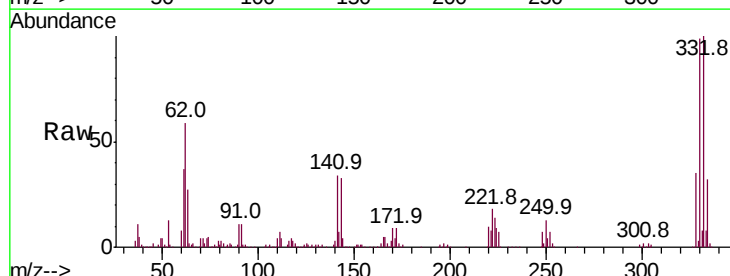
Tgt Ion:330 Resp: 462599

Ion Ratio Lower Upper

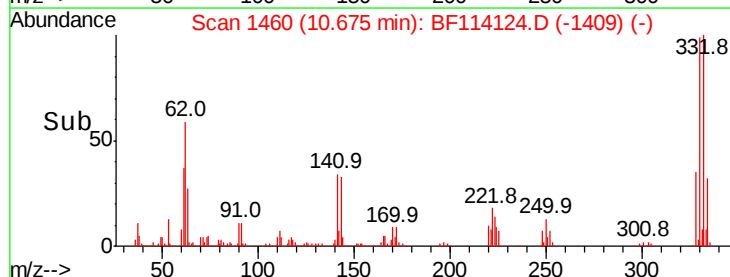
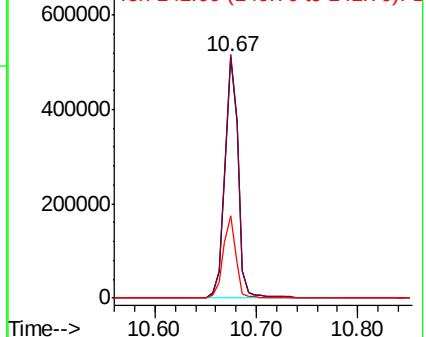
330 100

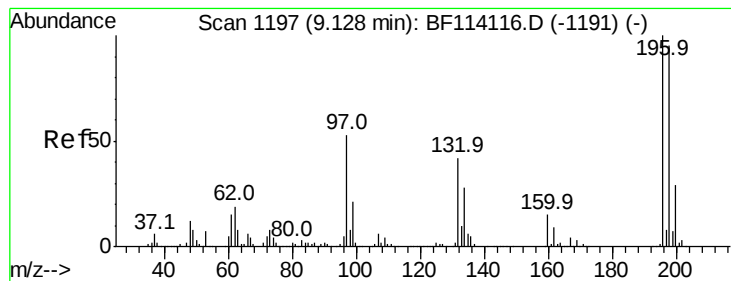
332 101.4 81.4 122.2

141 32.9 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 41.129 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

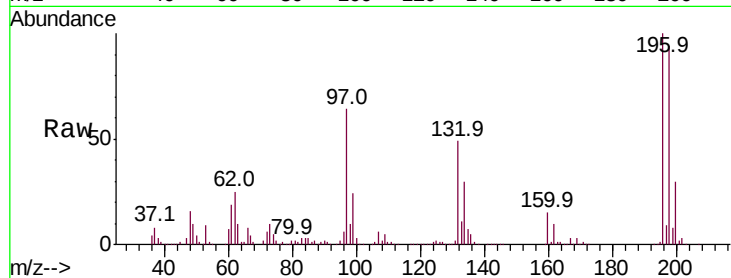
Tot Ion:196 Resp: 483540

Ion Ratio Lower Upper

196 100

198 94.1 75.9 113.9

200 30.0 23.5 35.3

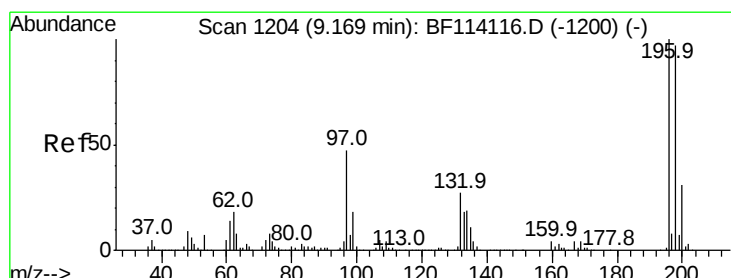
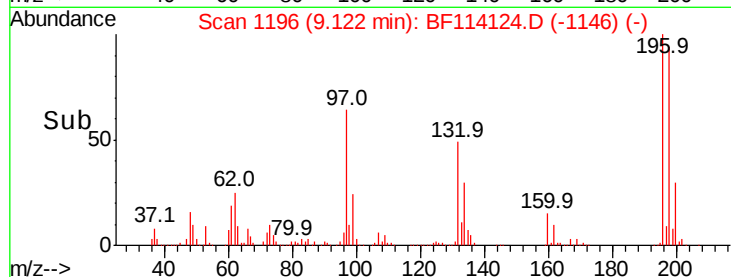
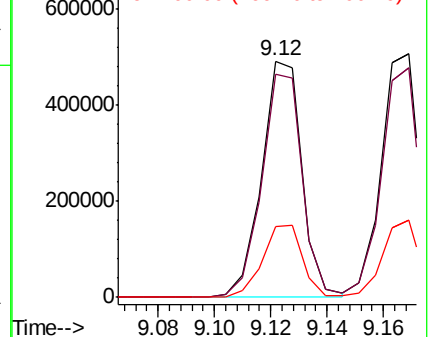


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.329 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Tgt Ion:196 Resp: 498309

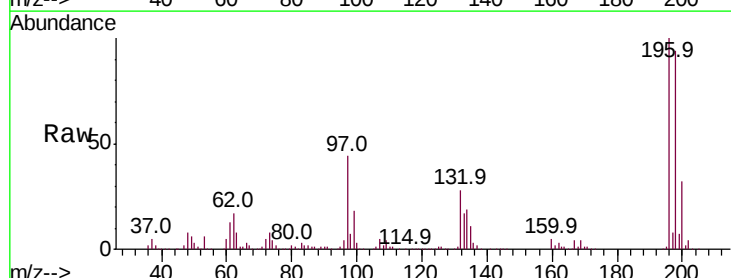
Ion Ratio Lower Upper

196 100

198 94.2 77.7 116.5

97 44.3 38.2 57.2

132 27.6 21.4 32.2



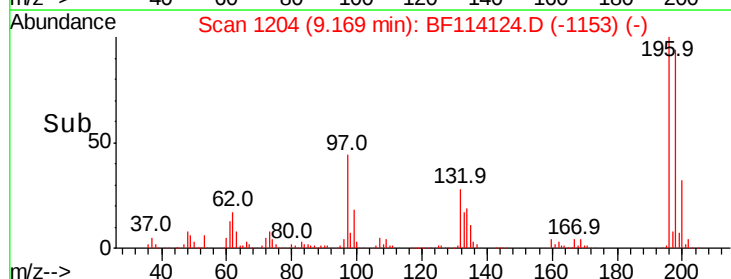
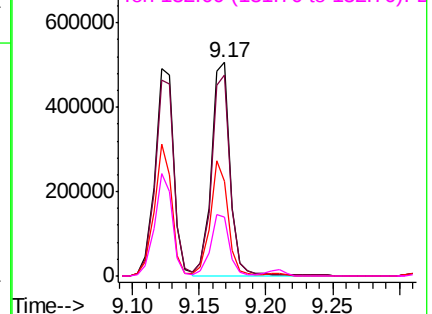
Abundance

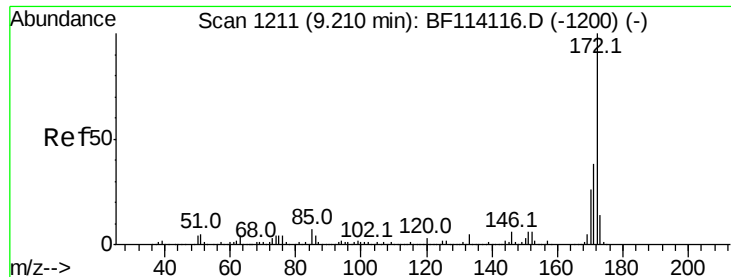
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 78.281 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

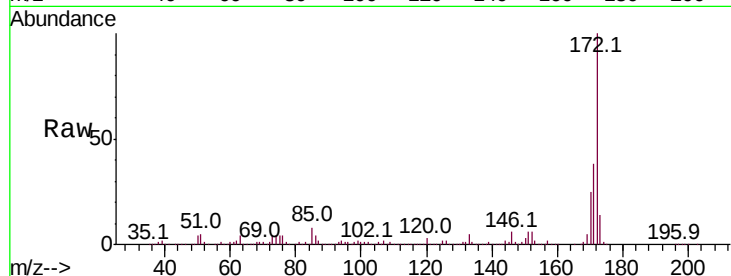
Tot Ion:172 Resp: 2920062

Ion Ratio Lower Upper

172 100

171 38.0 30.7 46.1

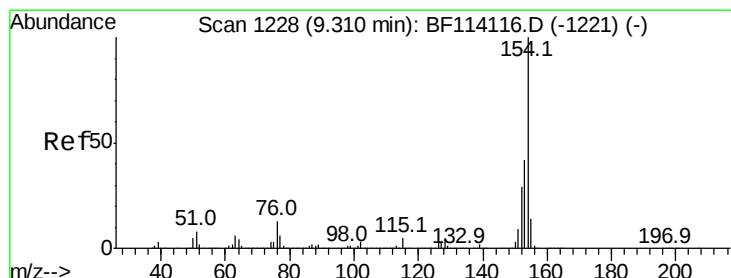
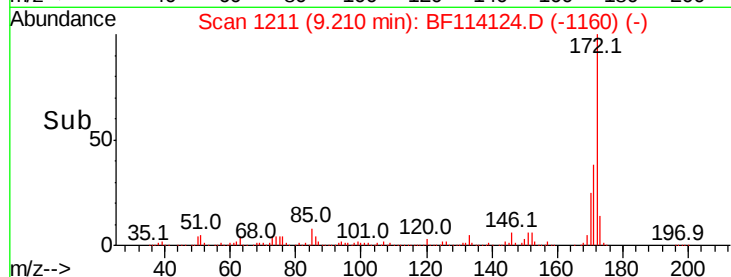
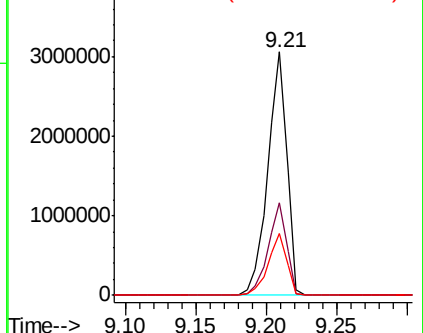
170 25.2 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.447 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

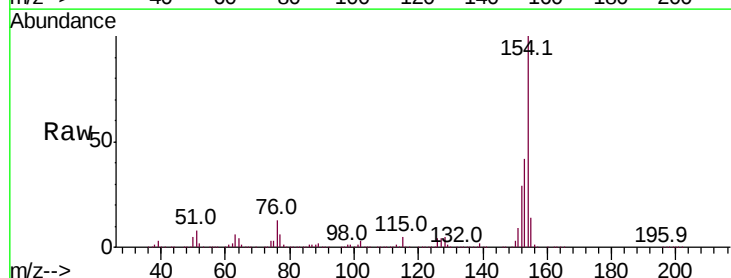
Tgt Ion:154 Resp: 1843773

Ion Ratio Lower Upper

154 100

153 41.7 21.9 61.9

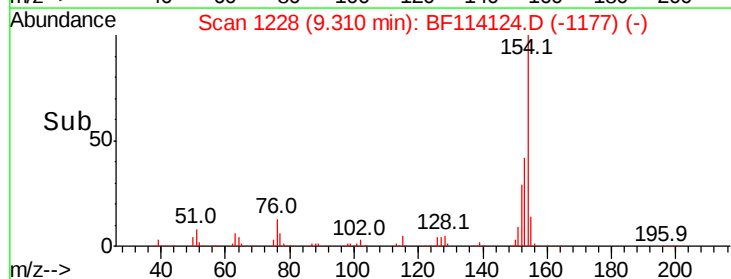
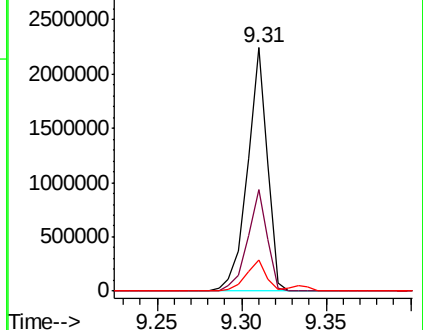
76 13.0 0.0 32.8

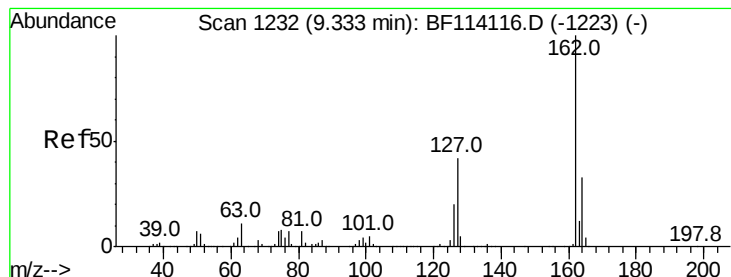


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.807 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

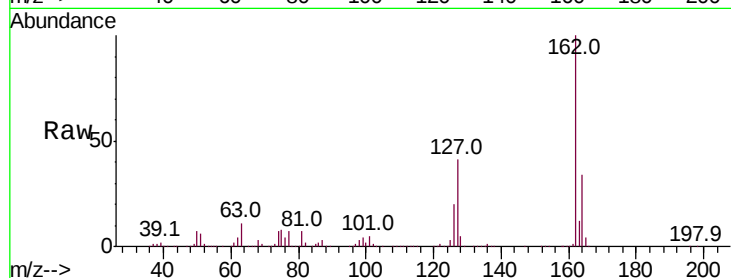
Tot Ion:162 Resp: 1497029

Ion Ratio Lower Upper

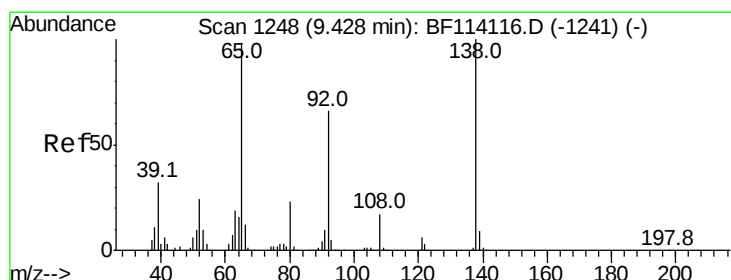
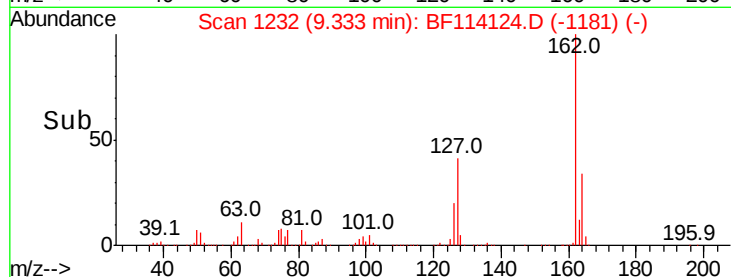
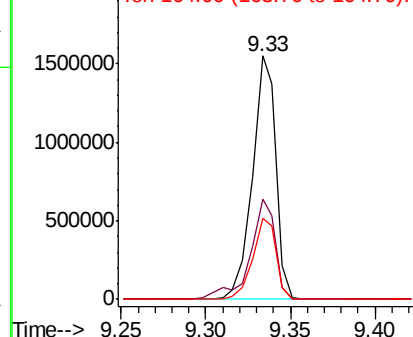
162 100

127 41.4 34.0 51.0

164 33.5 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.489 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

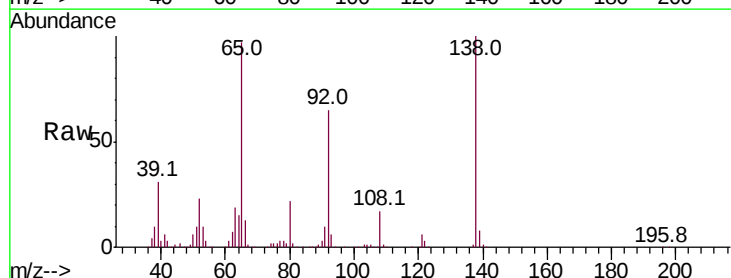
Tgt Ion: 65 Resp: 526791

Ion Ratio Lower Upper

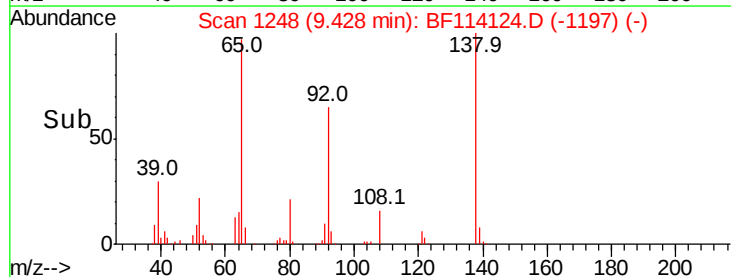
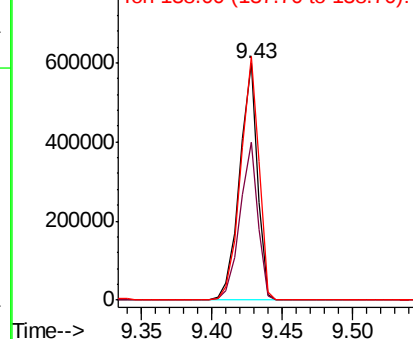
65 100

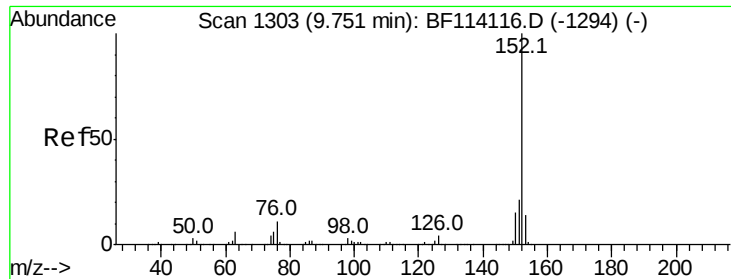
92 66.7 53.9 80.9

138 102.8 81.4 122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.735 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

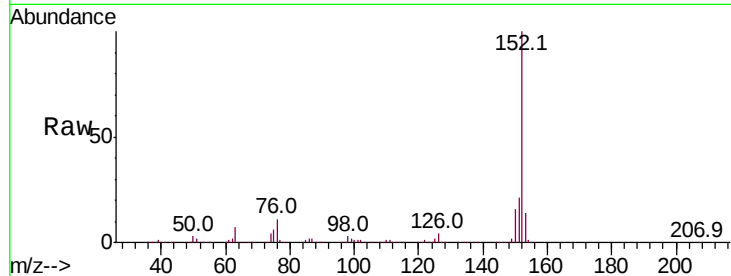
Tot Ion:152 Resp: 2272866

Ion Ratio Lower Upper

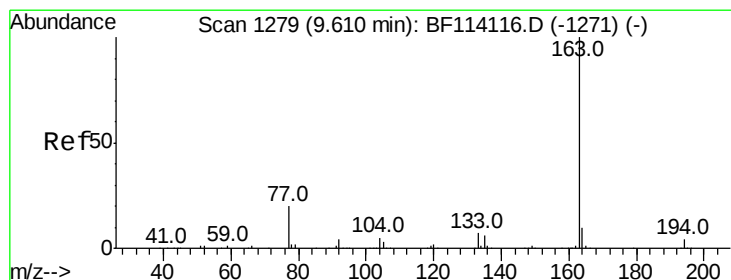
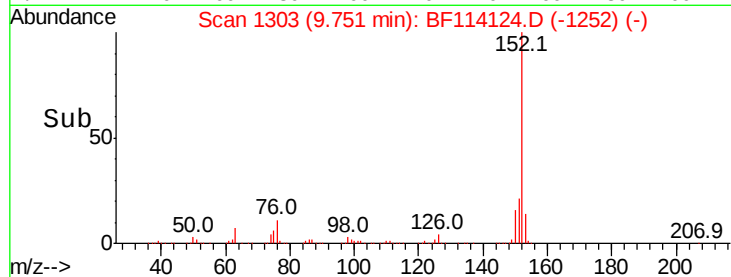
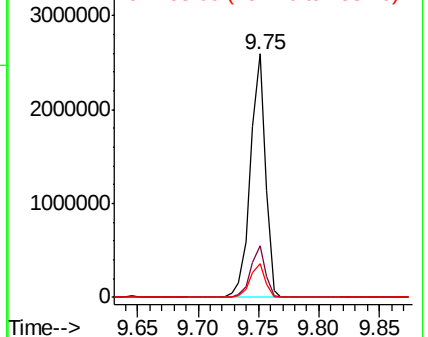
152 100

151 21.4 16.8 25.2

153 13.9 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.995 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

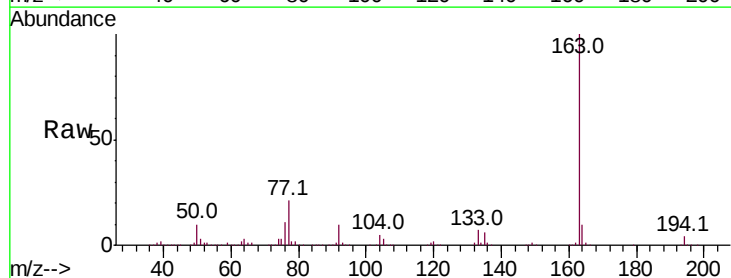
Tgt Ion:163 Resp: 1656660

Ion Ratio Lower Upper

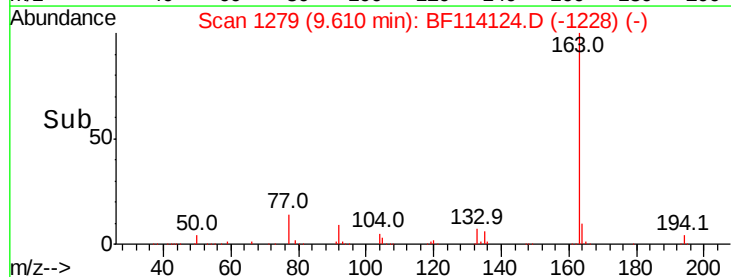
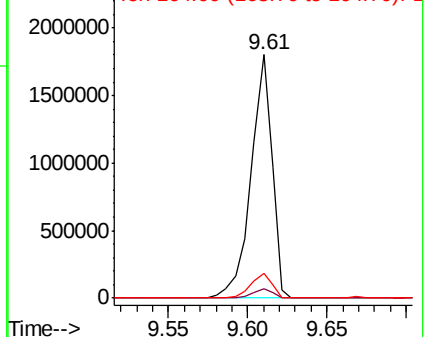
163 100

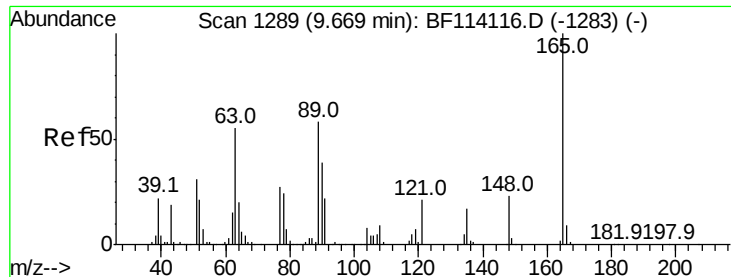
194 3.9 3.4 5.0

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

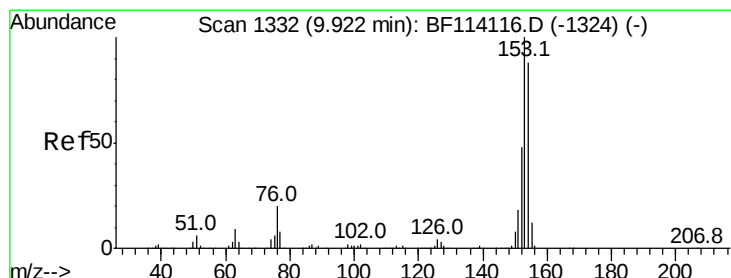
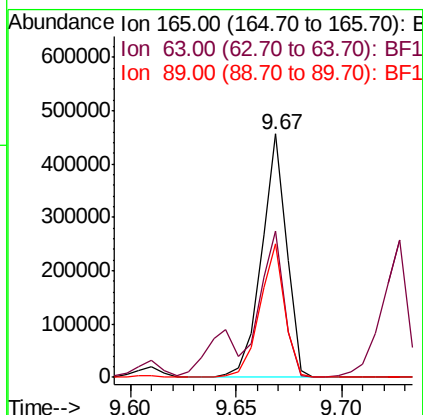
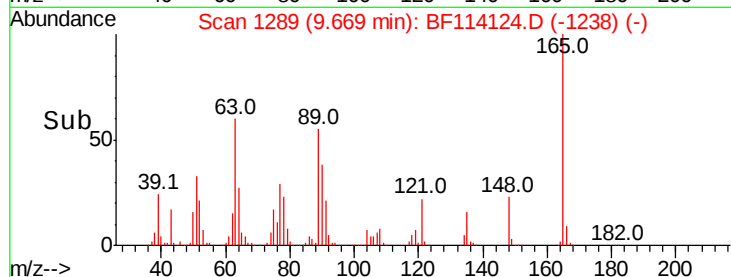
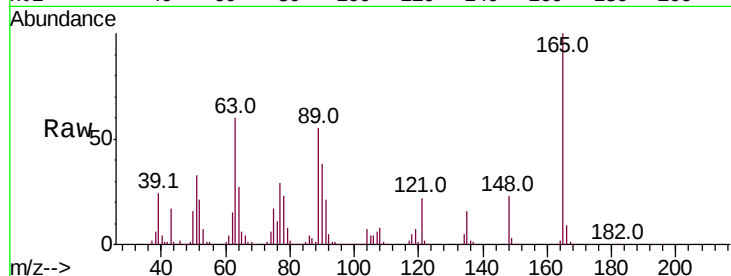




#51
2,6-Dinitrotoluene
Concen: 40.744 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

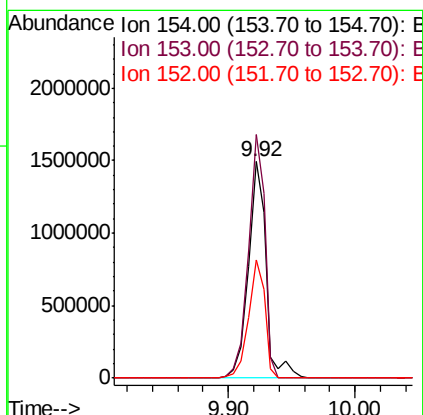
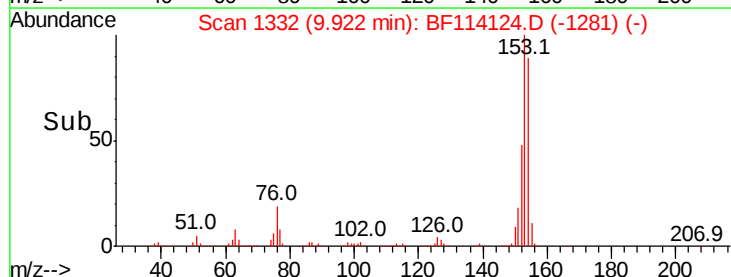
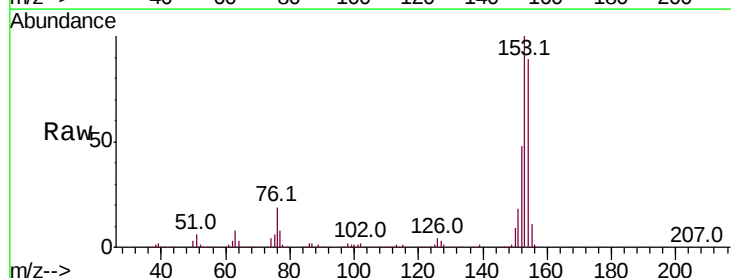
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

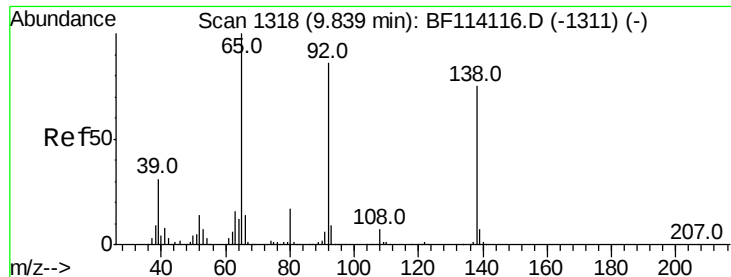
Tot Ion:165 Resp: 374329
Ion Ratio Lower Upper
165 100
63 59.9 50.2 75.4
89 55.0 46.6 69.8



#52
Acenaphthene
Concen: 42.356 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion:154 Resp: 1450238
Ion Ratio Lower Upper
154 100
153 112.5 90.5 135.7
152 54.4 43.4 65.2





#53

3-Nitroaniline

Concen: 40.960 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

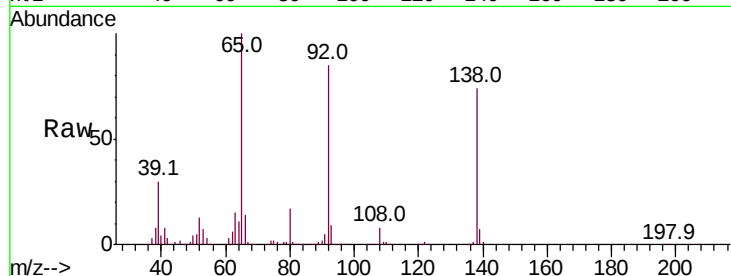
Tot Ion:138 Resp: 467137

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.6

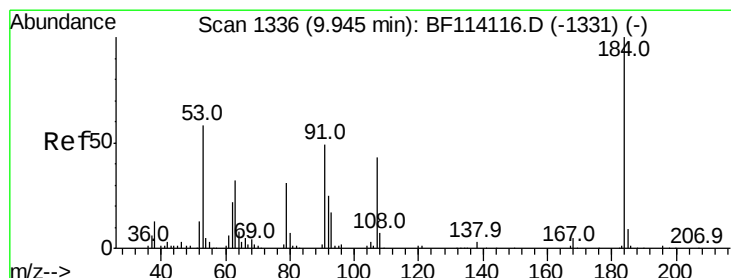
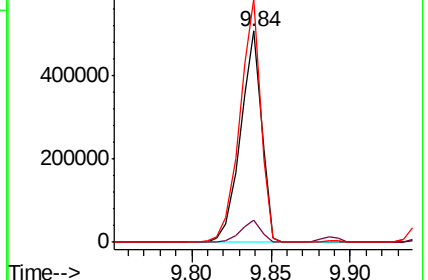
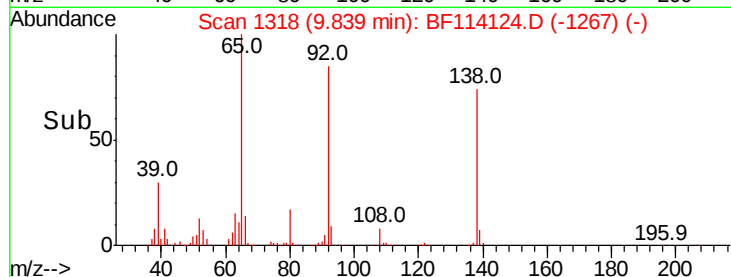
92 115.1 91.2 136.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 39.818 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

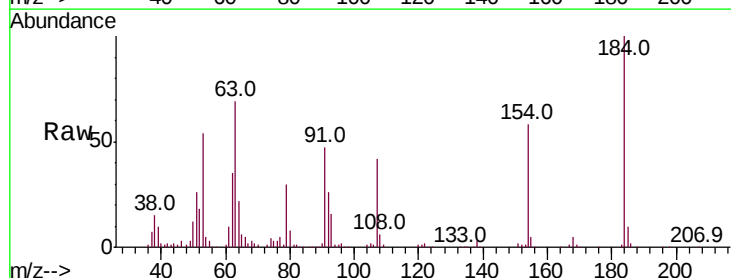
Tgt Ion:184 Resp: 166855

Ion Ratio Lower Upper

184 100

63 69.1 55.6 83.4

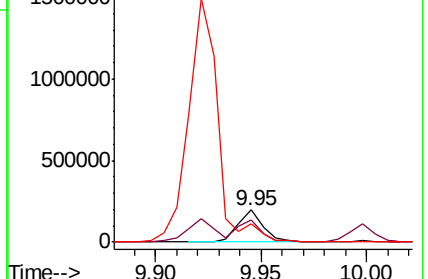
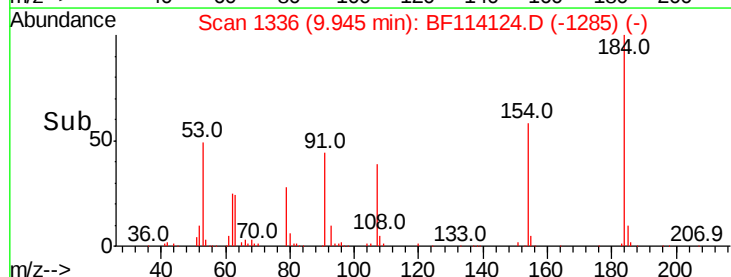
154 58.2 46.0 69.0

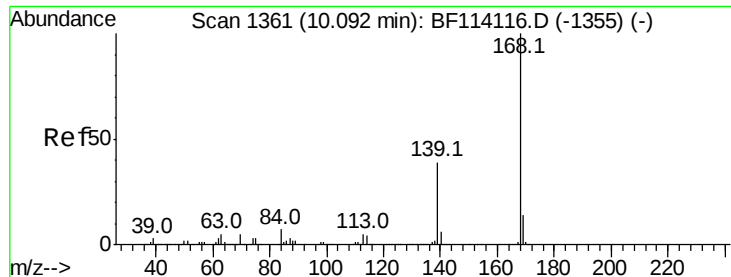


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.720 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

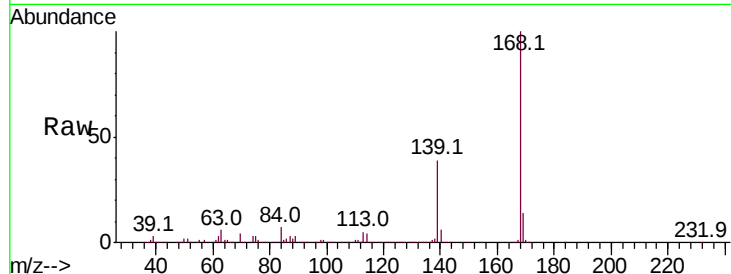
Tot Ion:168 Resp: 1994218

Ion Ratio Lower Upper

168 100

139 38.9 31.1 46.7

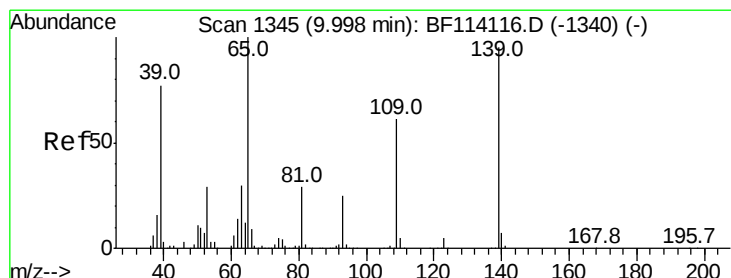
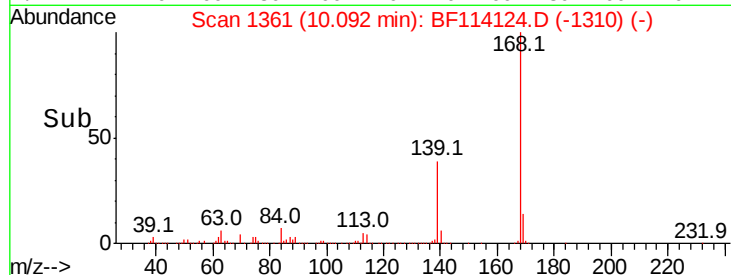
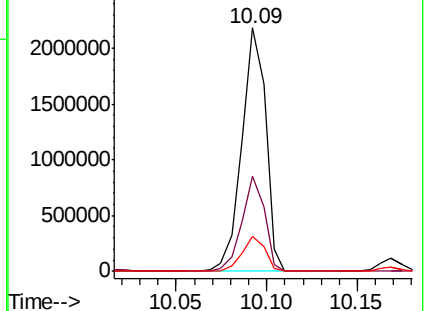
169 14.3 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.370 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

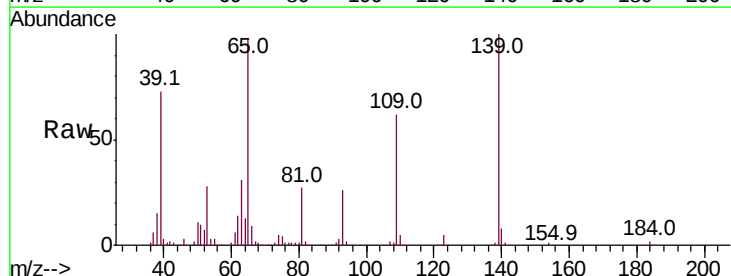
Tgt Ion:139 Resp: 325596

Ion Ratio Lower Upper

139 100

109 61.6 43.9 83.9

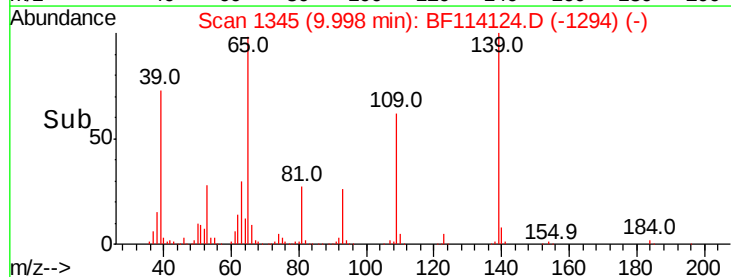
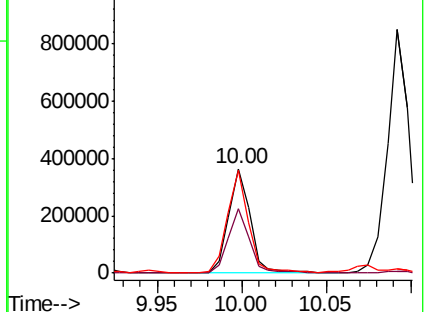
65 98.4 85.7 125.7

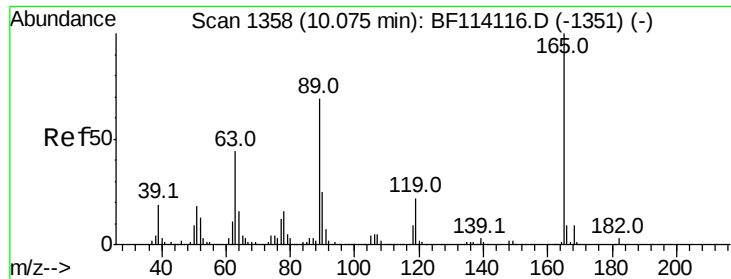


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

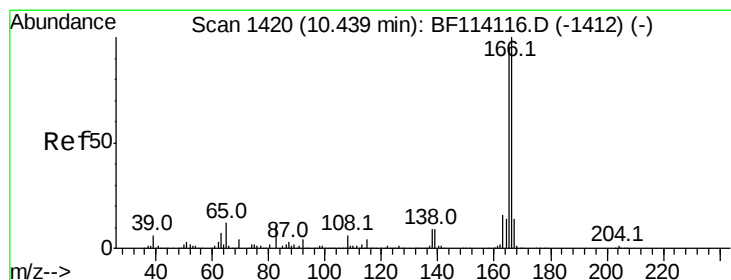
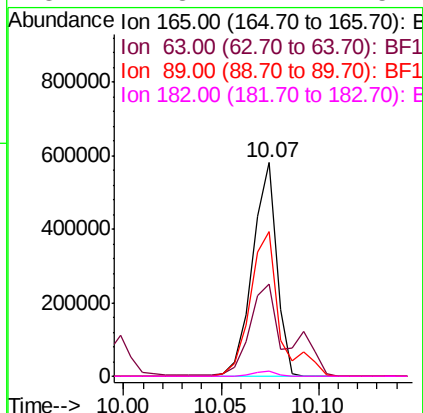
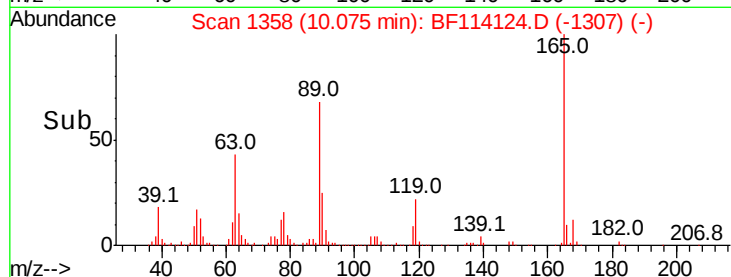
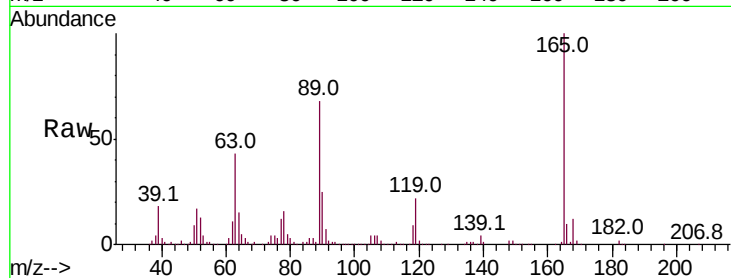




#57
2,4-Dinitrotoluene
Concen: 40.098 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

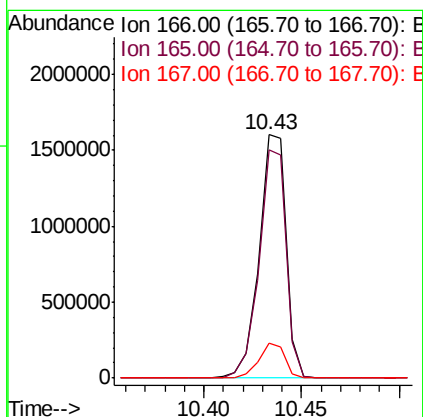
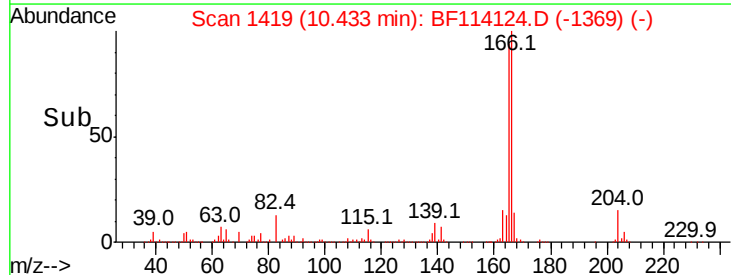
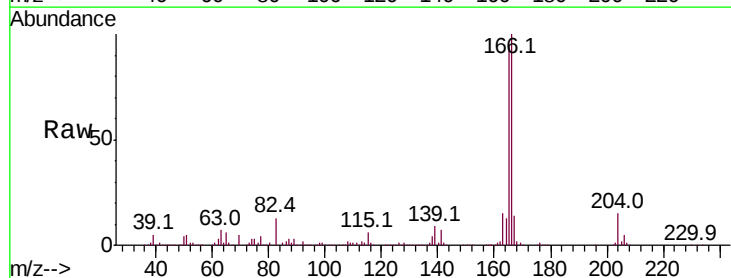
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

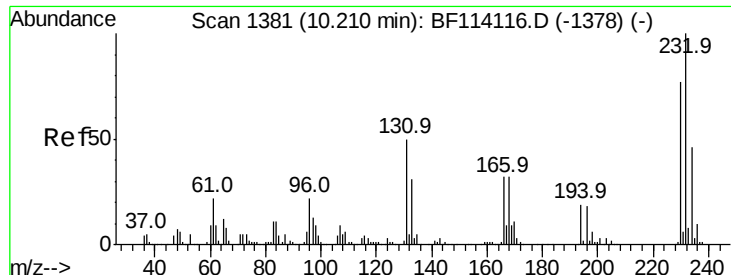
Tot Ion:	165	Resp:	500019
Ion	Ratio	Lower	Upper
165	100		
63	43.4	35.5	53.3
89	68.0	55.2	82.8
182	2.3	2.2	3.2



#58
Fluorene
Concen: 39.546 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion:	166	Resp:	1533624
Ion	Ratio	Lower	Upper
166	100		
165	93.8	76.1	114.1
167	14.4	11.1	16.7

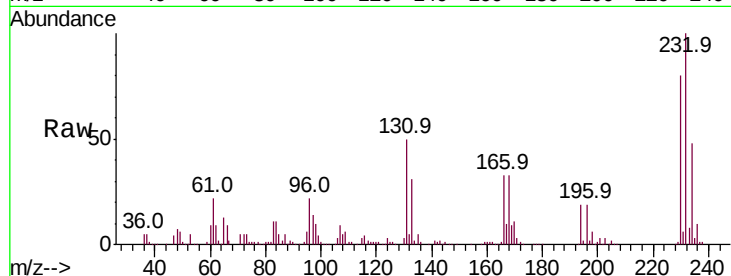




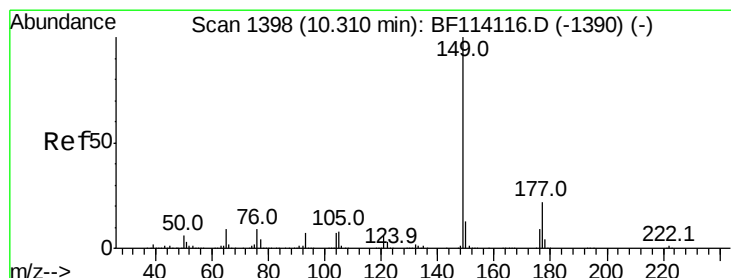
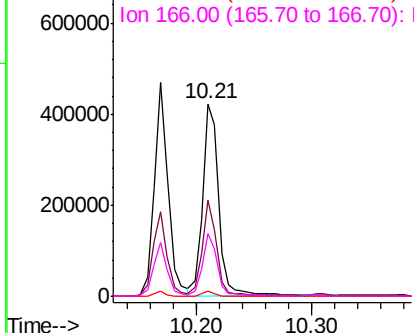
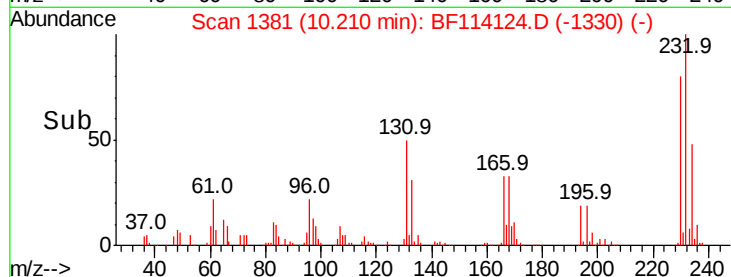
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.662 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF114124.D
 Acq: 10 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 412623
 Ion Ratio Lower Upper
 232 100
 131 44.7 35.6 53.4
 130 2.1 1.6 2.4
 166 29.9 24.1 36.1

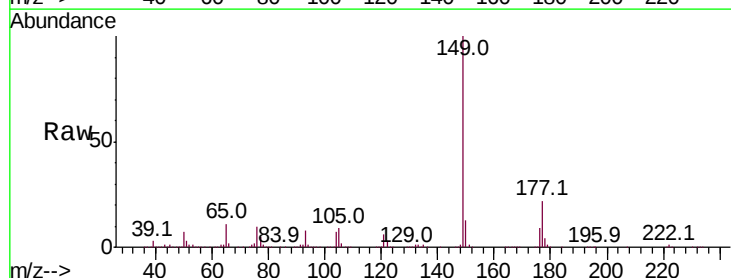


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

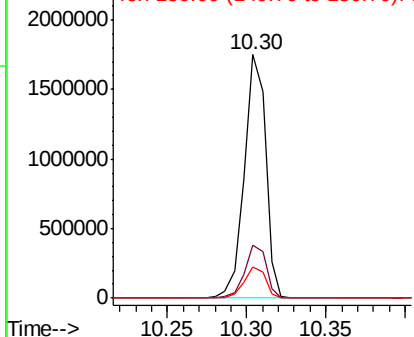
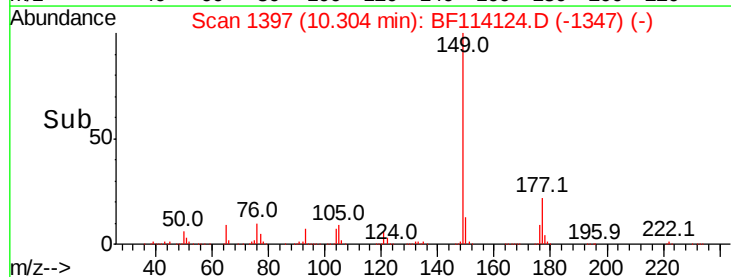


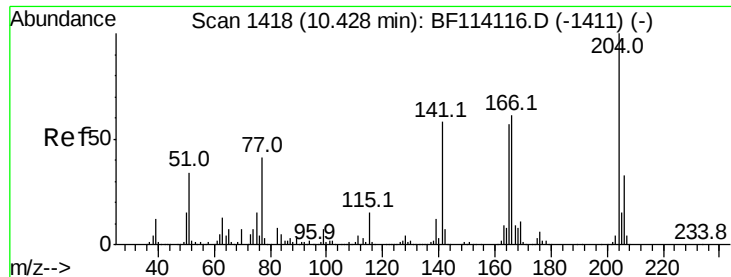
#60
 Diethylphthalate
 Concen: 38.782 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114124.D
 Acq: 10 May 2019 16:49

Tgt Ion:149 Resp: 1632204
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.8 26.6
 150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

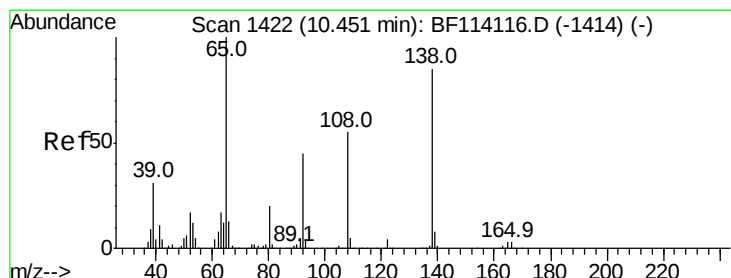
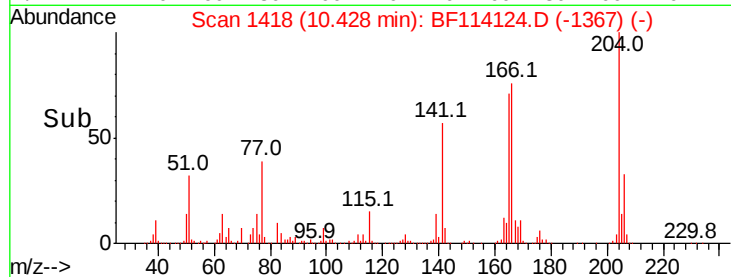
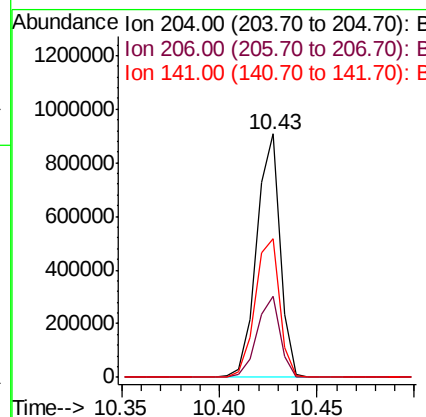
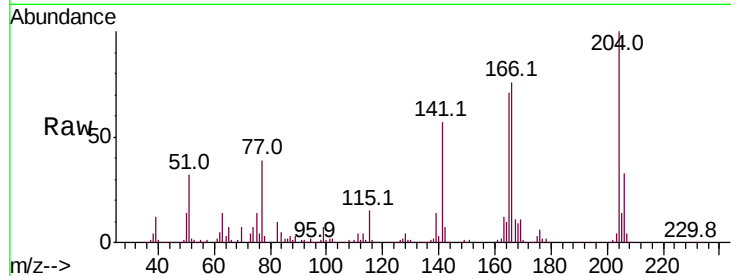




#61
4-Chlorophenyl-phenylether
Concen: 39.538 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

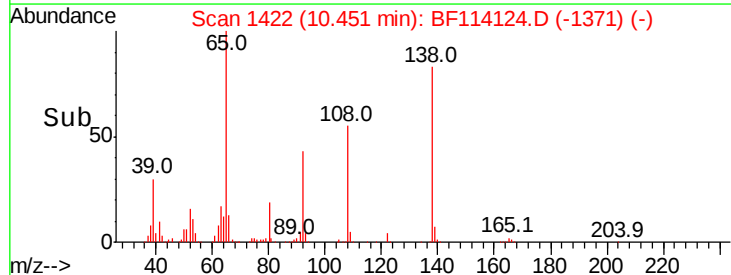
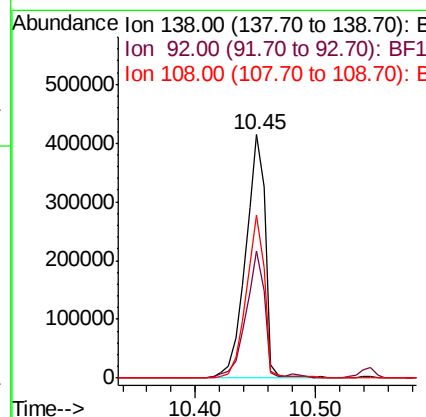
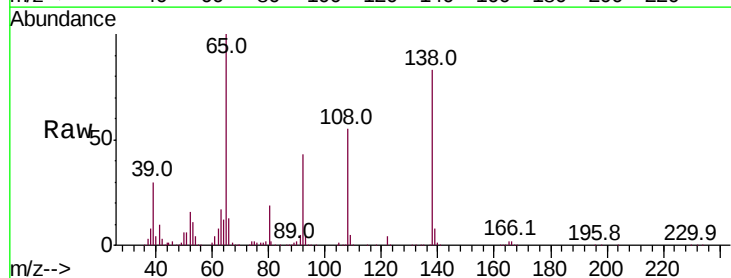
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

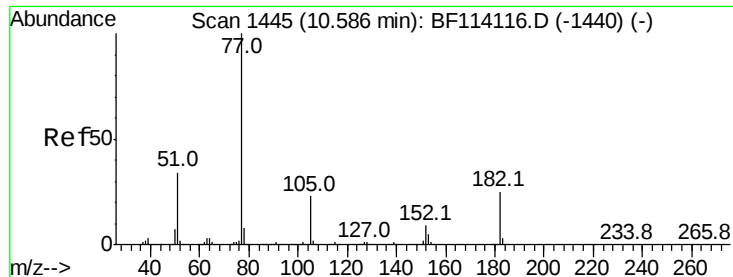
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	56.9	46.4	69.6



#62
4-Nitroaniline
Concen: 39.421 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	33.0	73.0
108	66.7	44.9	84.9





#63

Azobenzene

Concen: 38.937 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1586209

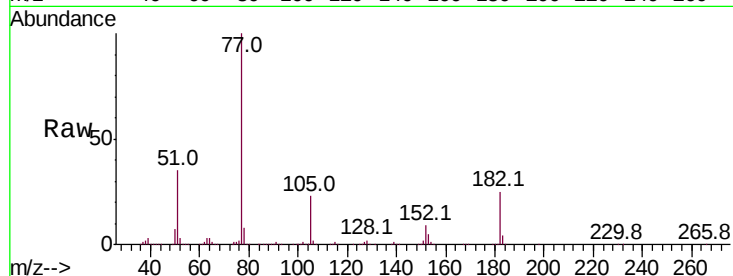
Ion Ratio Lower Upper

77 100

182 25.4 4.7 44.7

105 23.2 2.9 42.9

51 35.0 14.6 54.6

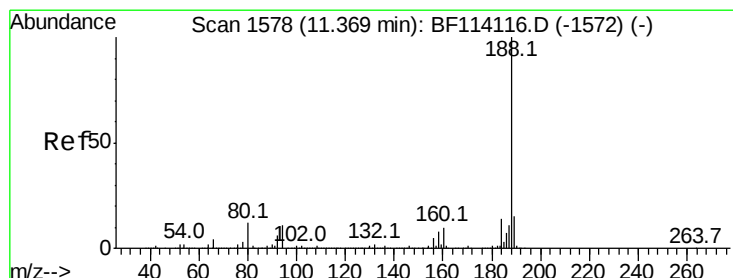
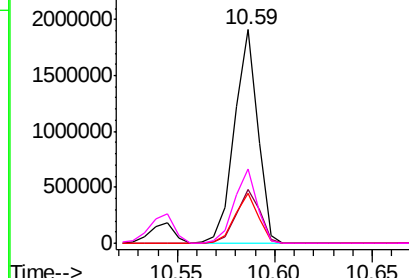
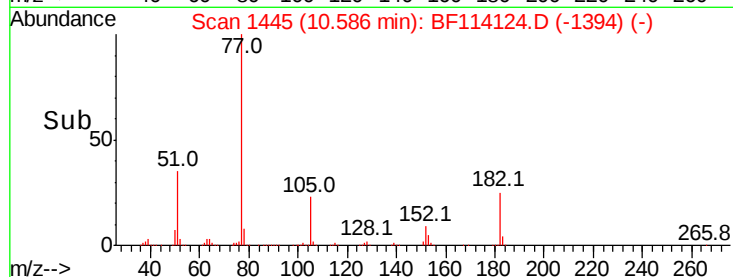


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

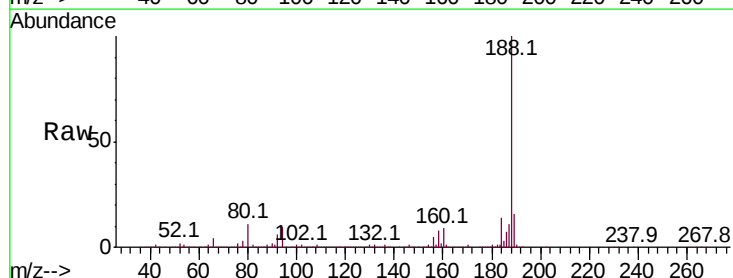
Tgt Ion: 188 Resp: 1100604

Ion Ratio Lower Upper

188 100

94 10.3 8.4 12.6

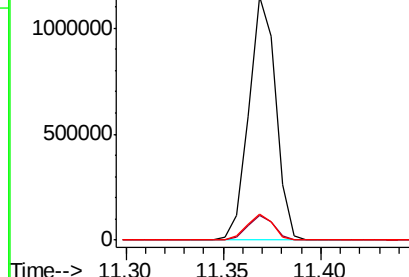
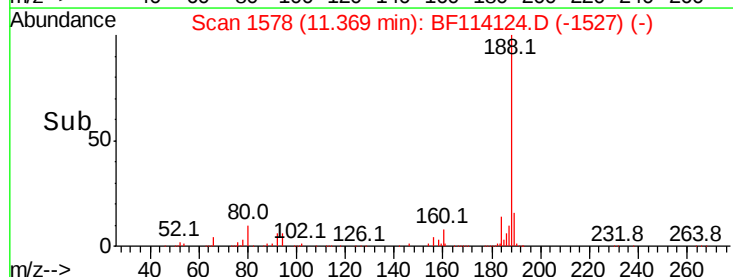
80 10.9 9.2 13.8

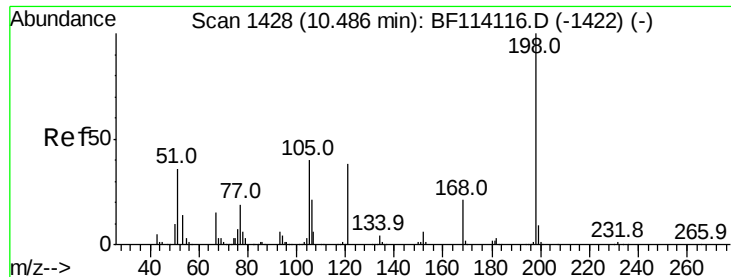


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.315 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

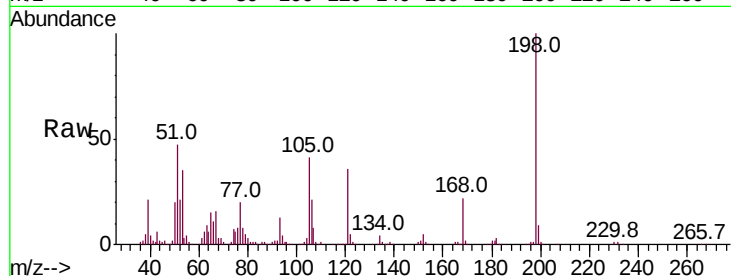
Tot Ion:198 Resp: 229074

Ion Ratio Lower Upper

198 100

51 47.3 28.0 68.0

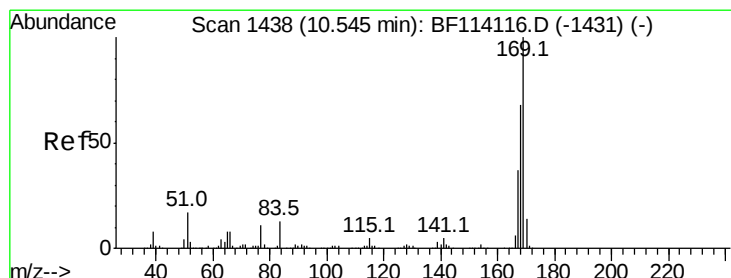
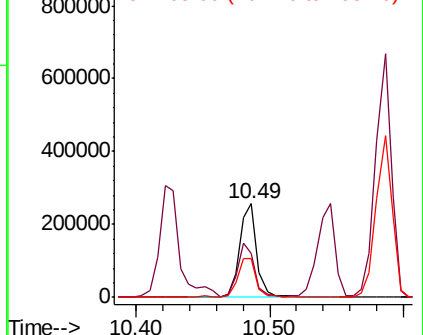
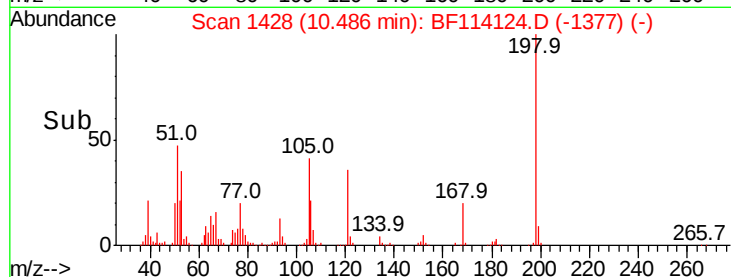
105 41.2 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.382 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

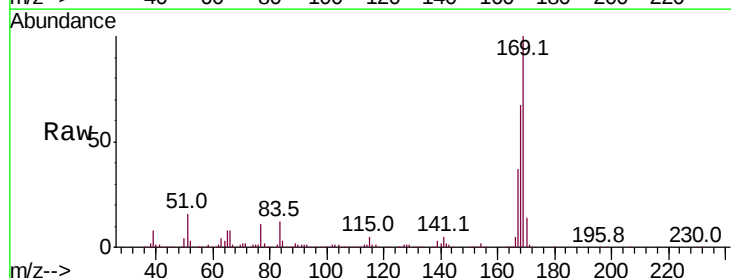
Tgt Ion:169 Resp: 1382315

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

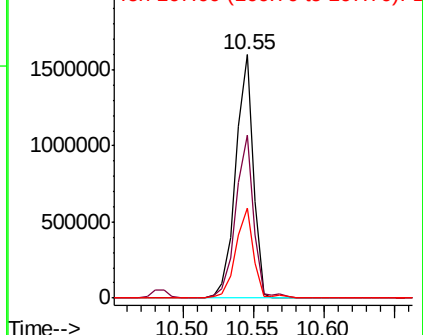
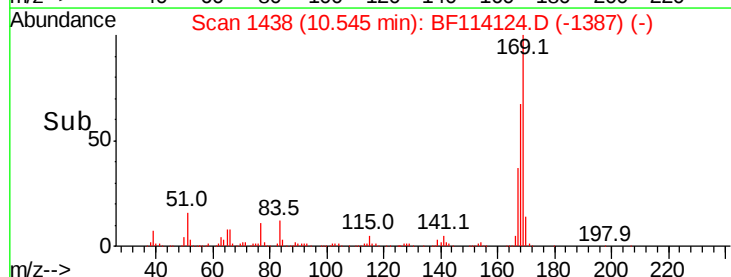
167 37.2 29.8 44.8

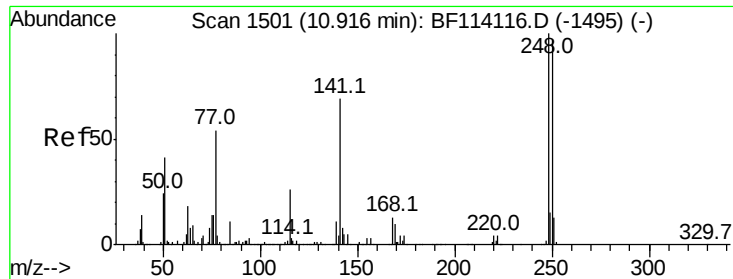


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

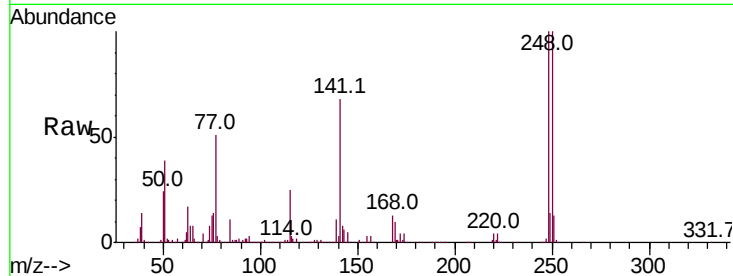




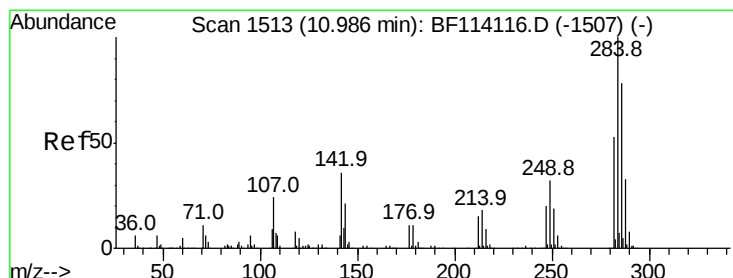
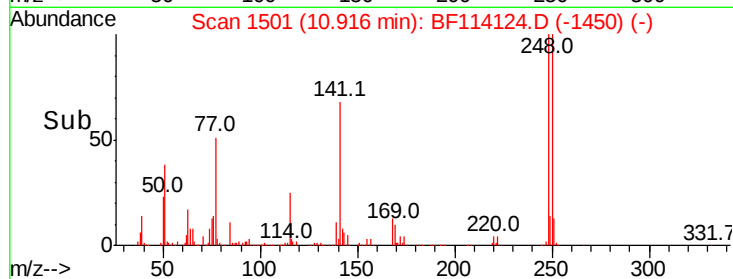
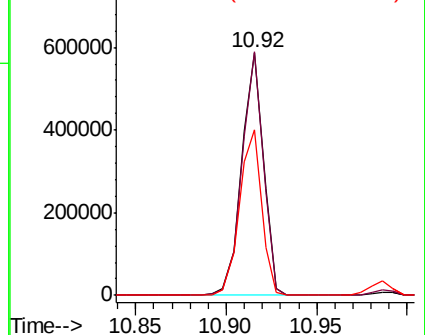
#67
4-Bromophenyl-phenylether
Concen: 40.337 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.2	77.4	116.2
141	67.9	55.6	83.4

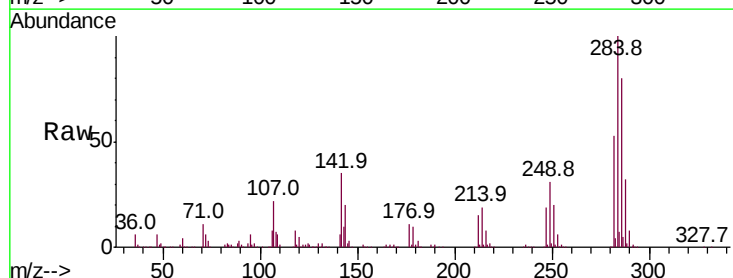


Abundance Ion 248.00 (247.70 to 248.70): E
800000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

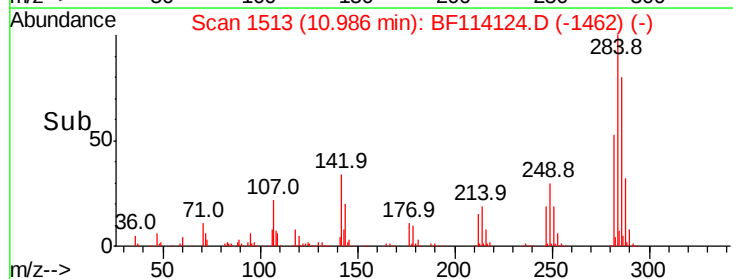
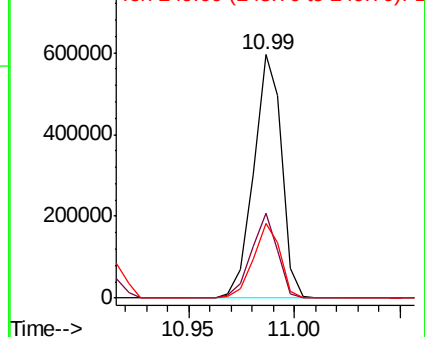


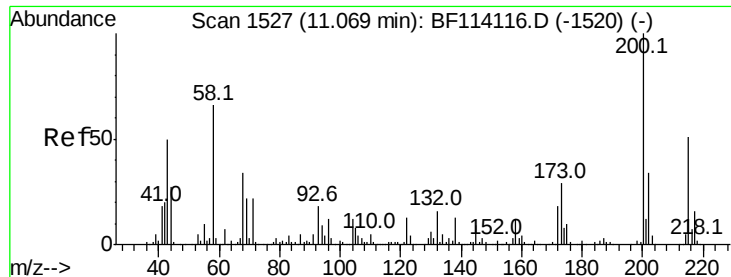
#68
Hexachlorobenzene
Concen: 40.953 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	28.4	42.6
249	30.5	25.2	37.8



Abundance Ion 283.80 (283.50 to 284.50): E
800000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

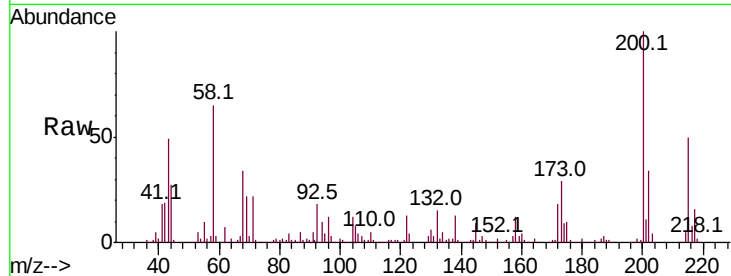




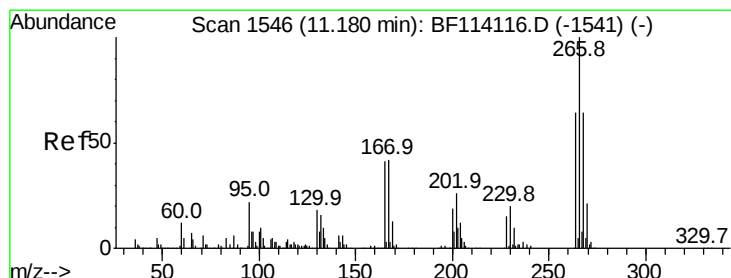
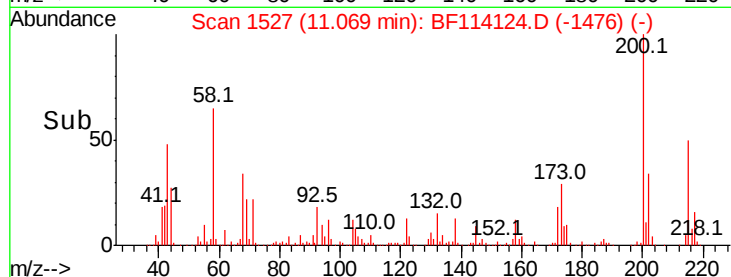
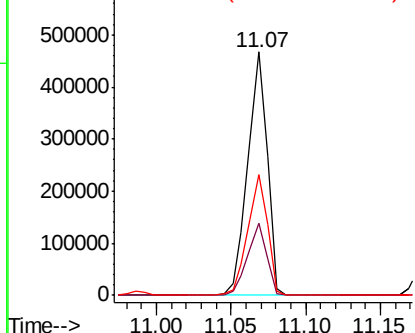
#69
Atrazine
Concen: 40.608 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 422119
Ion Ratio Lower Upper
200 100
173 29.4 8.9 48.9
215 49.5 30.7 70.7

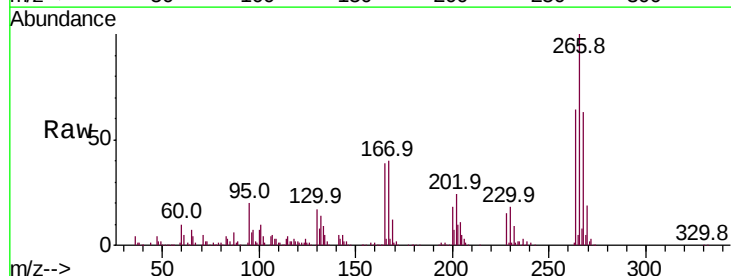


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

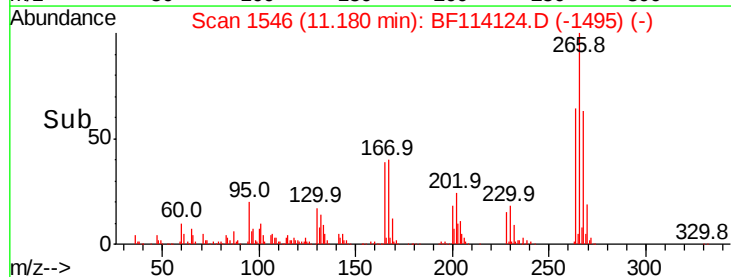
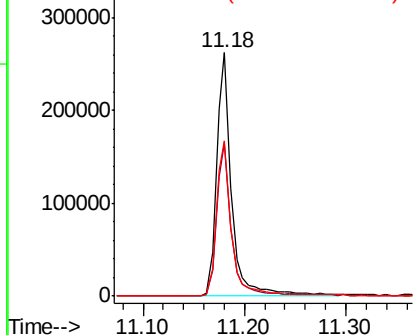


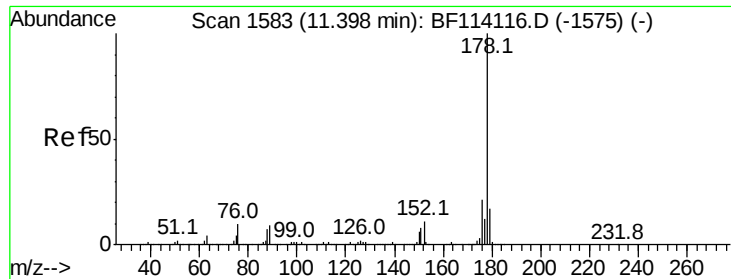
#70
Pentachlorophenol
Concen: 42.422 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion:266 Resp: 269587
Ion Ratio Lower Upper
266 100
268 62.9 51.1 76.7
264 63.5 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.350 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

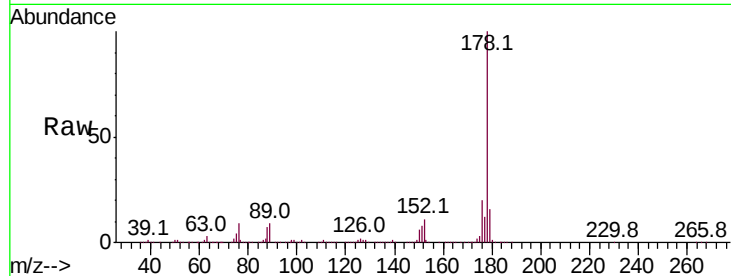
Tot Ion:178 Resp: 2214096

Ion Ratio Lower Upper

178 100

176 20.2 16.4 24.6

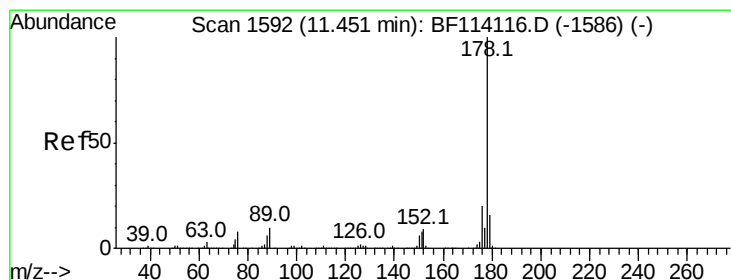
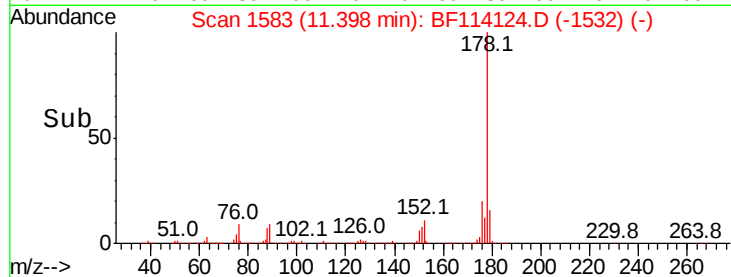
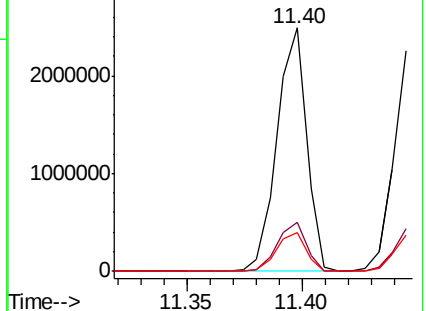
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.863 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

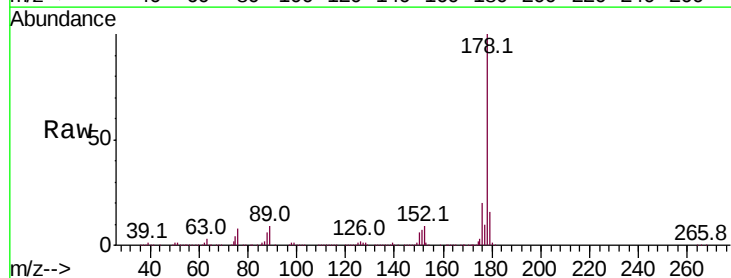
Tgt Ion:178 Resp: 2251454

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

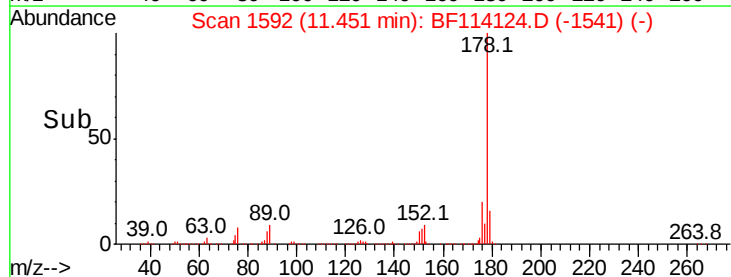
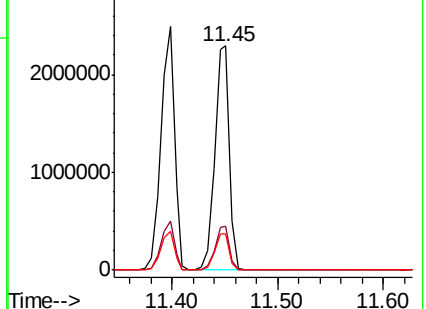
179 16.3 13.0 19.4

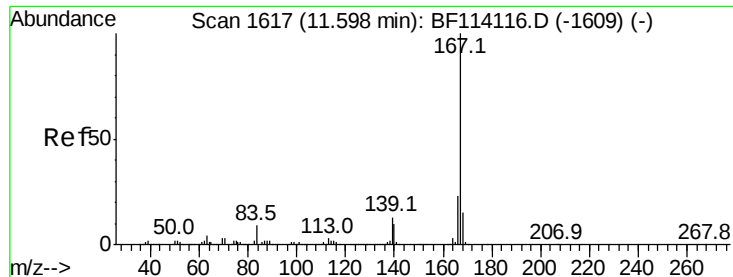


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.454 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

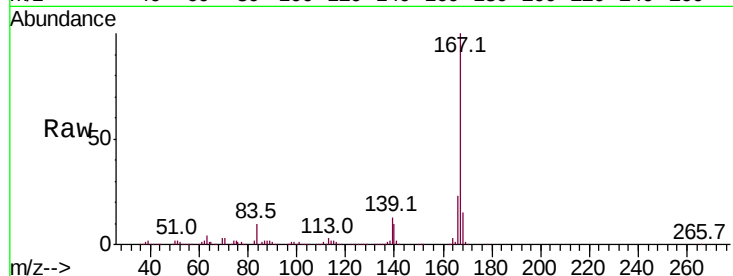
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 2126010

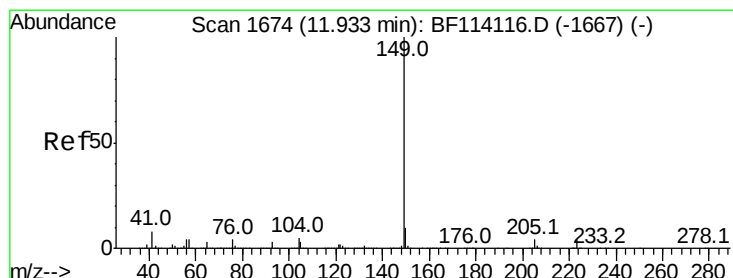
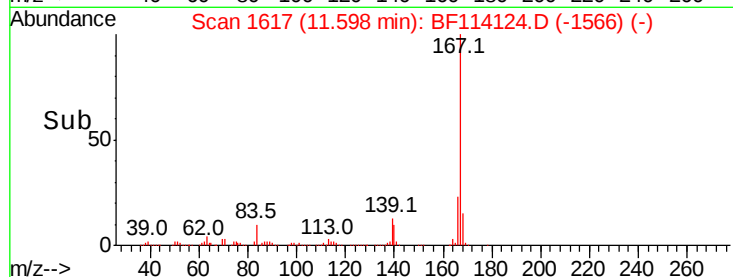
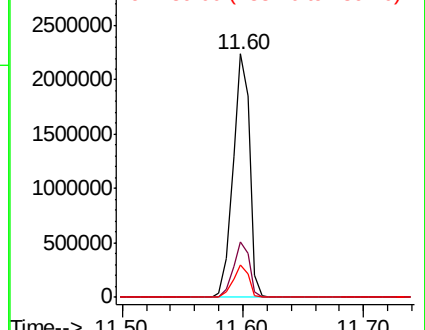
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.2
139	13.3	10.6	16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.962 ng

RT: 11.93 min Scan# 1673

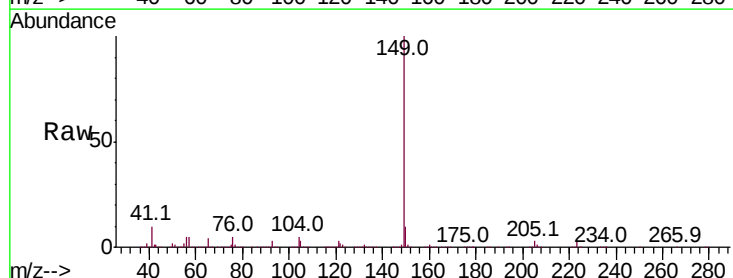
Delta R.T. -0.01 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Tgt Ion:149 Resp: 2479340

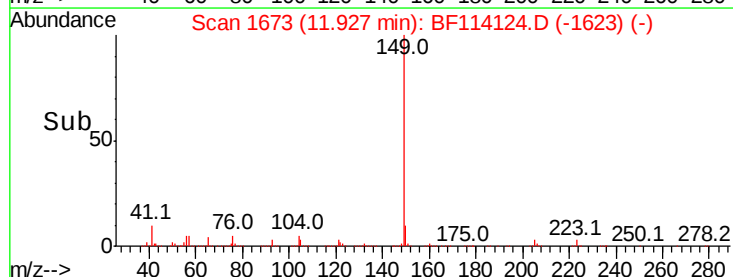
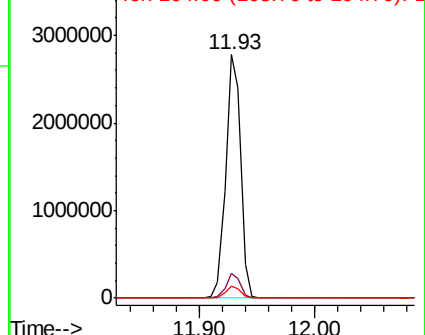
Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	5.0	3.6	5.4

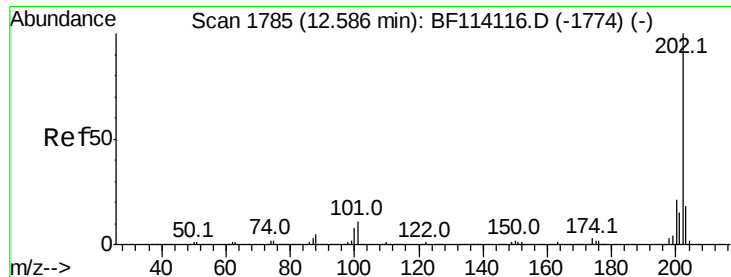


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



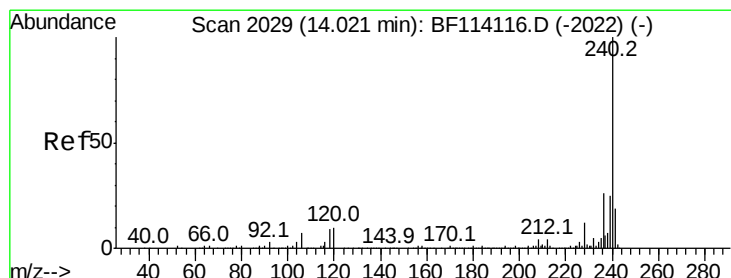
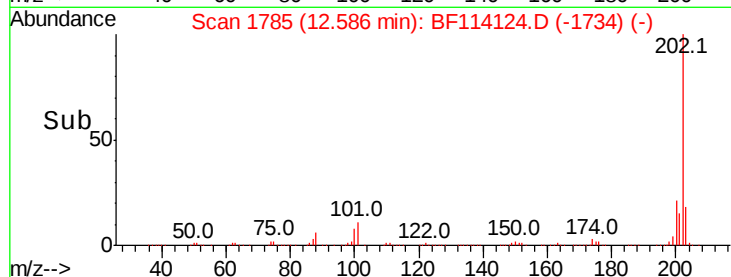
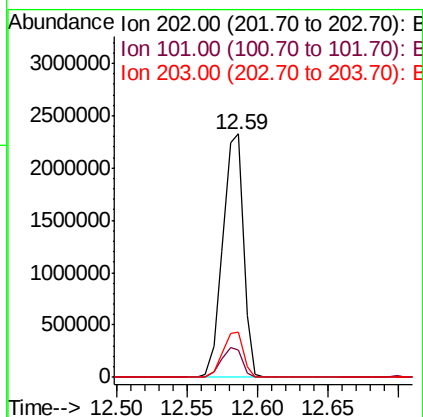
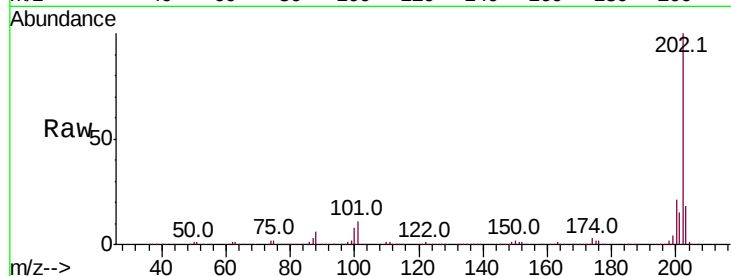


#75
Fluoranthene
 Concen: 41.218 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF114124.D
 Acq: 10 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 2376685

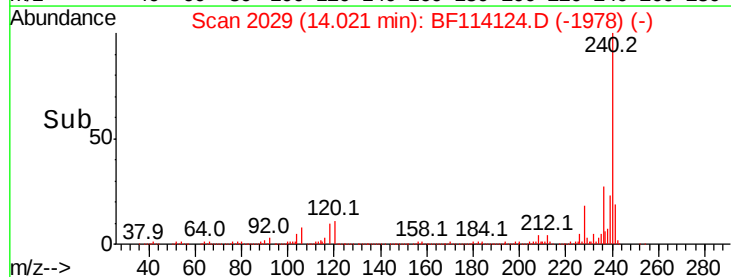
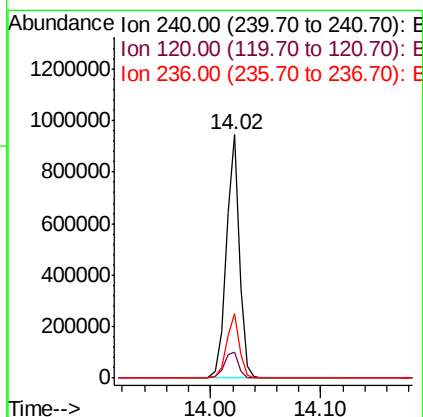
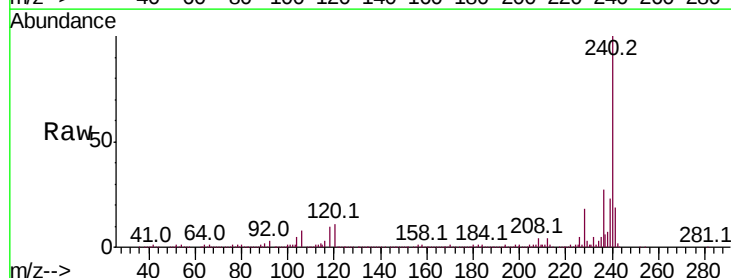
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.0
203	18.4	0.0	38.4

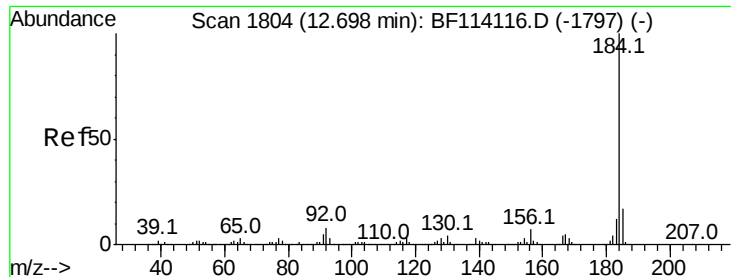


#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF114124.D
 Acq: 10 May 2019 16:49

Tgt Ion:240 Resp: 779333

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	26.6	20.8	31.2





#77

Benzidine

Concen: 38.909 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

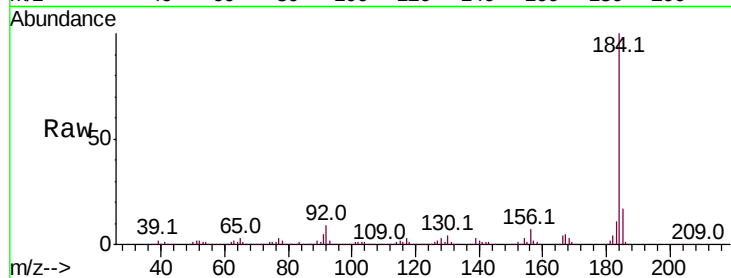
Tot Ion:184 Resp: 1361152

Ion	Ratio	Lower	Upper
184	100		
185	17.5	13.6	20.4
183	11.2	9.2	13.8

184 100

185 17.5 13.6 20.4

183 11.2 9.2 13.8

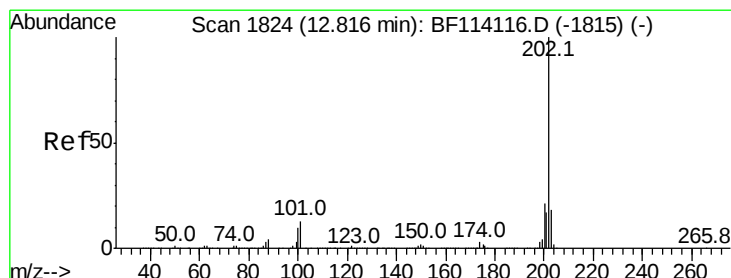
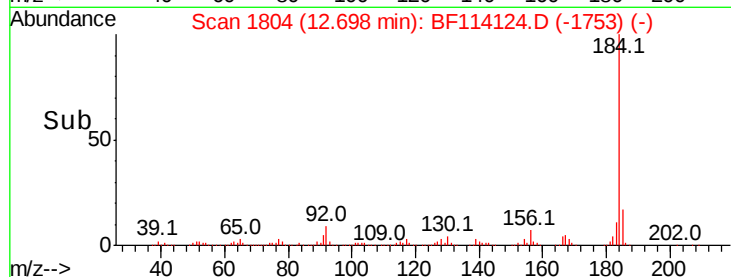
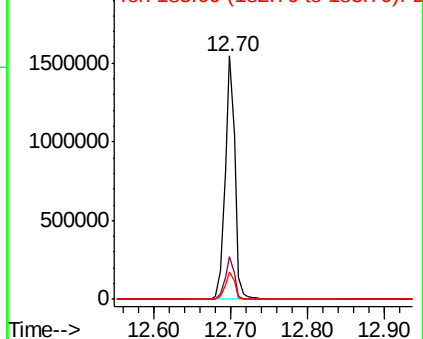


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.570 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

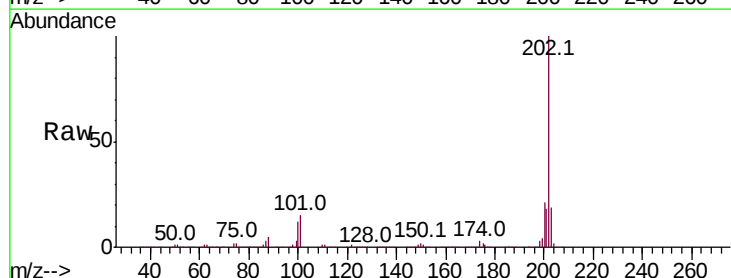
Tgt Ion:202 Resp: 2418062

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.6	14.5	21.7

202 100

200 21.4 16.9 25.3

203 18.6 14.5 21.7

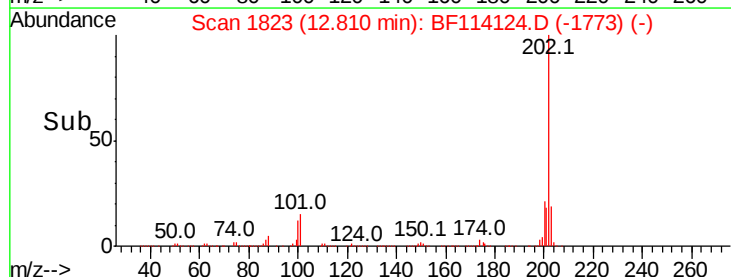
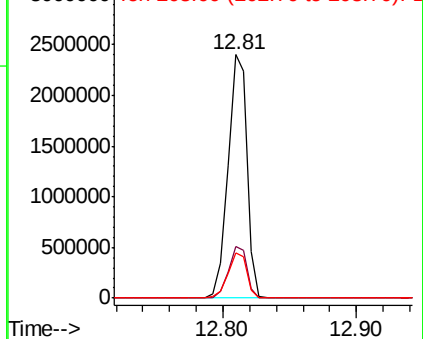


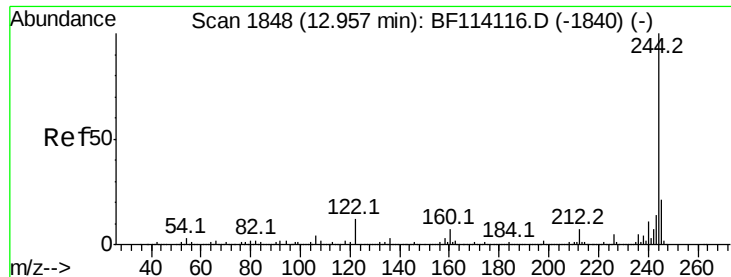
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.449 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

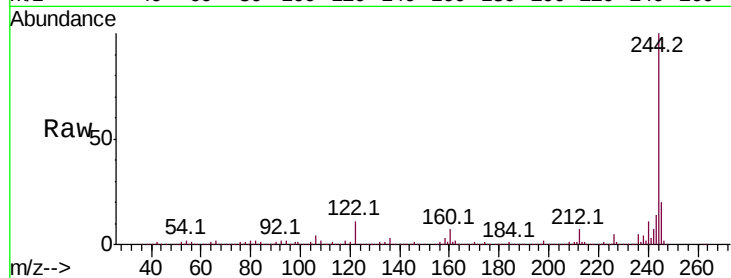
Tot Ion:244 Resp: 2927992

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

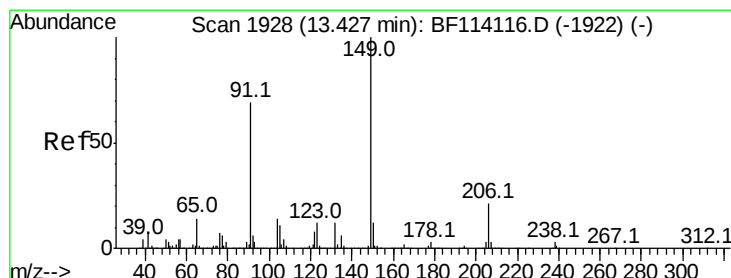
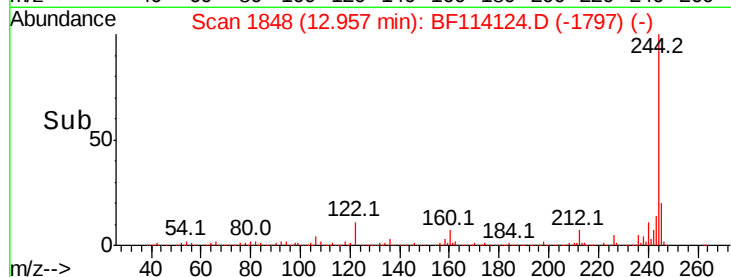
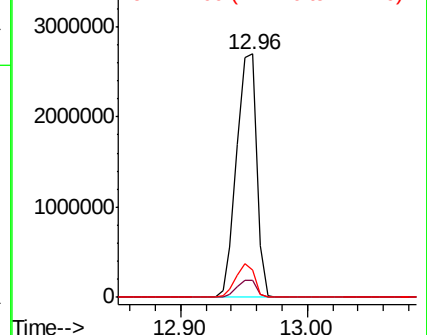
122 11.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.681 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

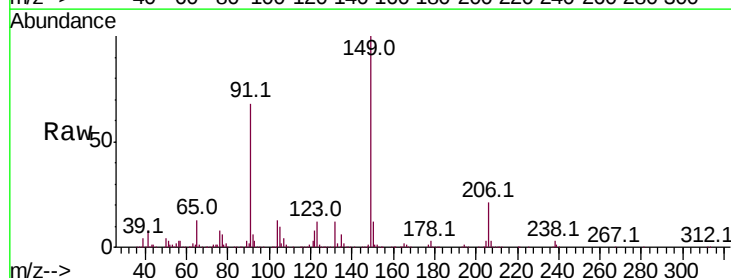
Tgt Ion:149 Resp: 1073504

Ion Ratio Lower Upper

149 100

91 68.2 55.0 82.4

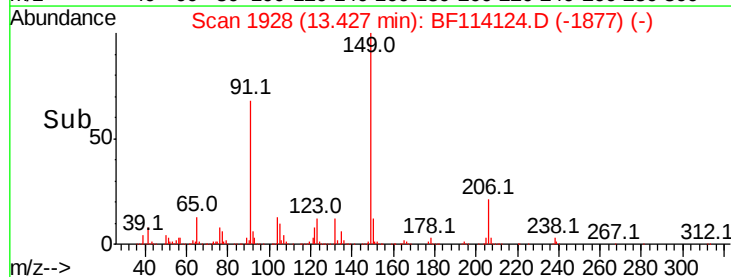
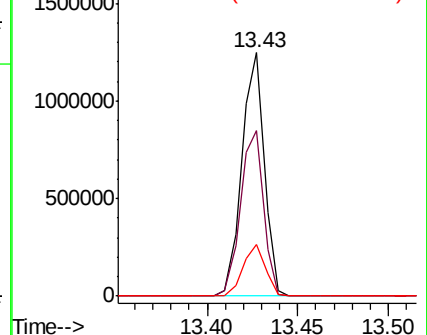
206 21.3 16.9 25.3

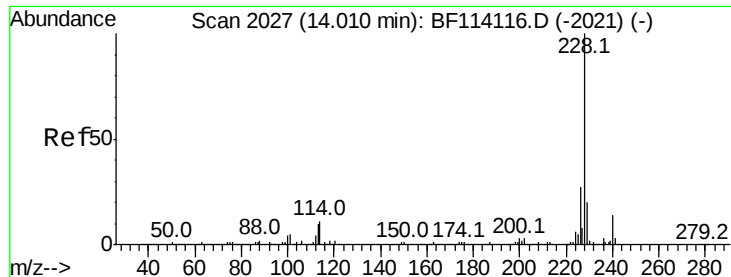


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.258 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

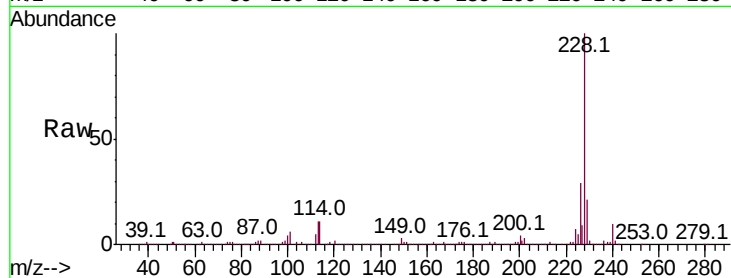
Tot Ion:228 Resp: 2029275

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.2
229	20.5	16.4	24.6

228 100

226 28.6 22.2 33.2

229 20.5 16.4 24.6

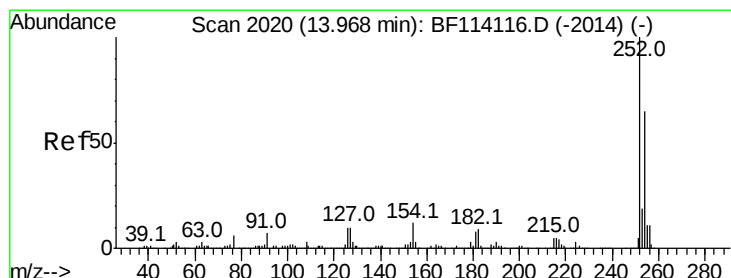
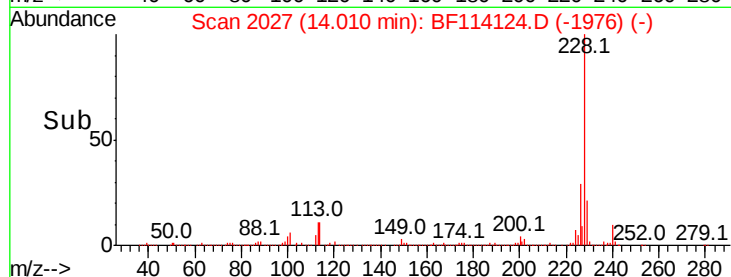
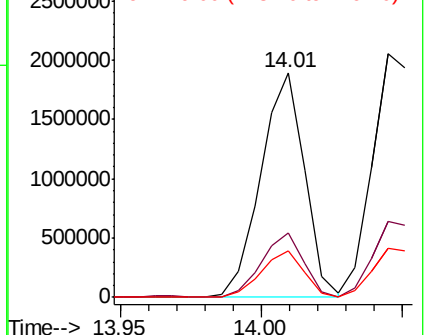


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.173 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

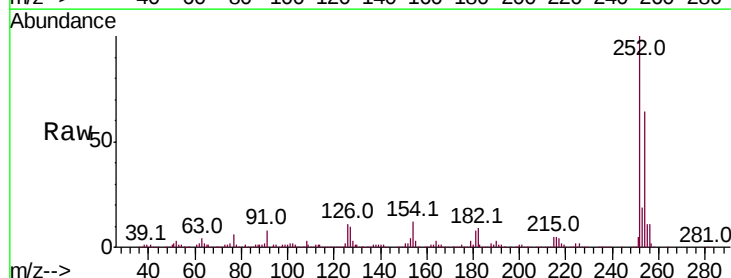
Tgt Ion:252 Resp: 805100

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	10.7	7.9	11.9

252 100

254 64.1 51.9 77.9

126 10.7 7.9 11.9

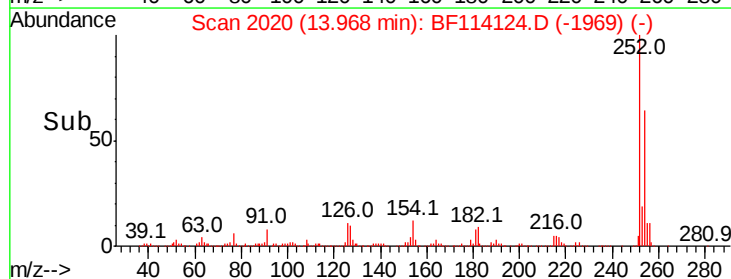
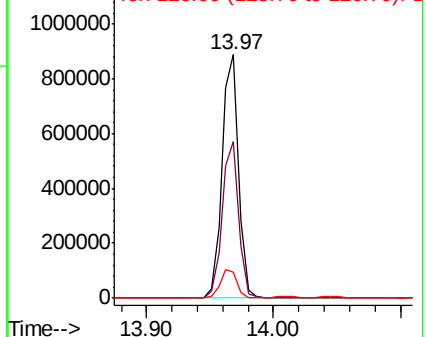


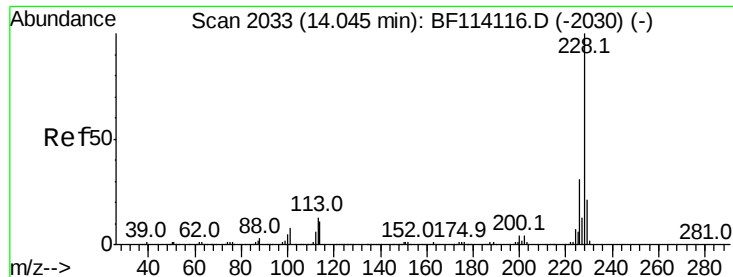
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.592 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

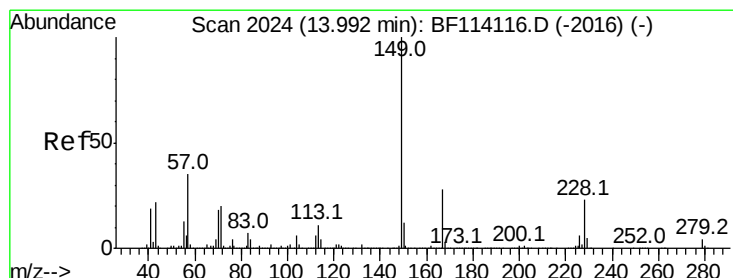
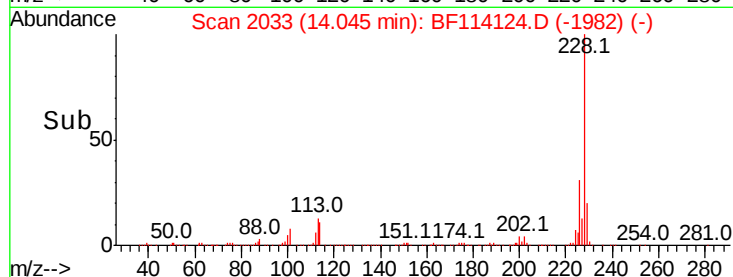
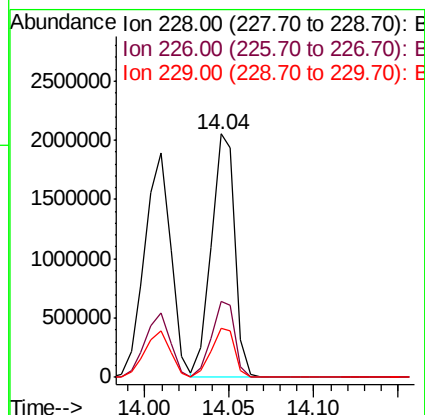
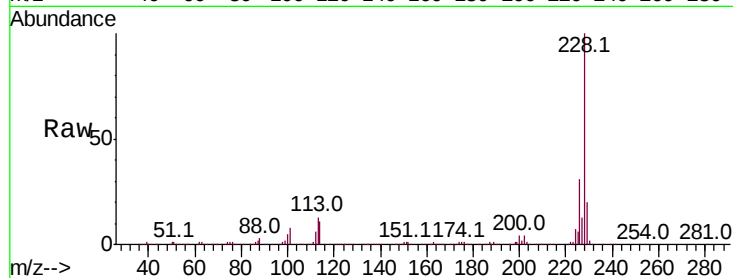
Tot Ion:228 Resp: 2005750

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.1	17.0	25.6

228 100

226 31.0 25.0 37.6

229 20.1 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.740 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

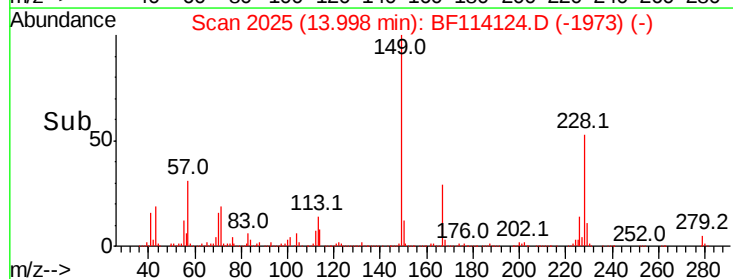
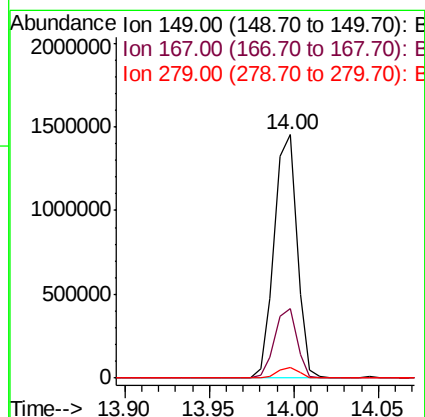
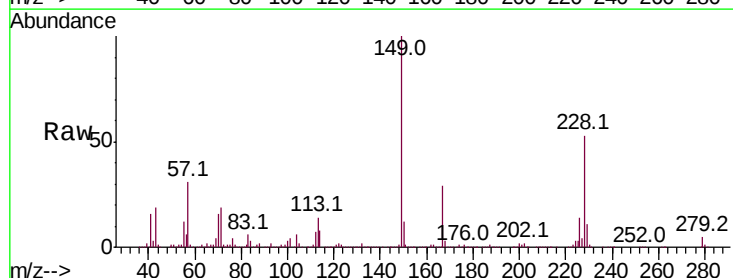
Tgt Ion:149 Resp: 1371521

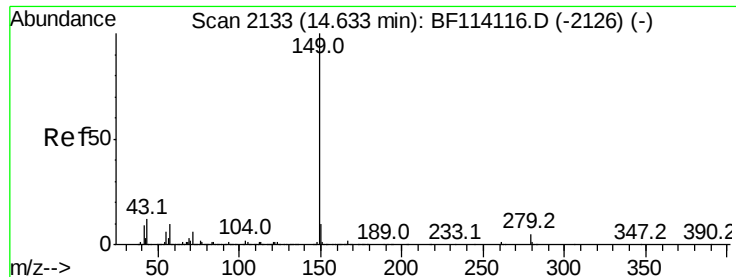
Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	33.8
279	4.5	3.0	4.6

149 100

167 28.7 22.6 33.8

279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.335 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

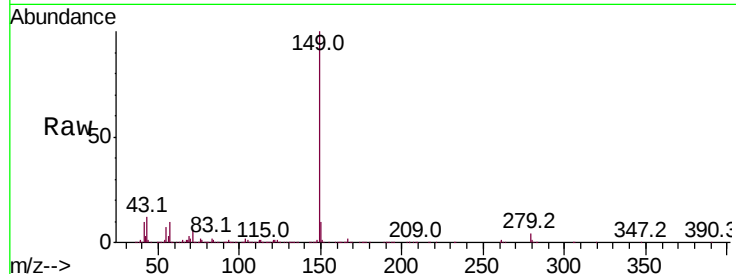
Tot Ion:149 Resp: 2312583

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

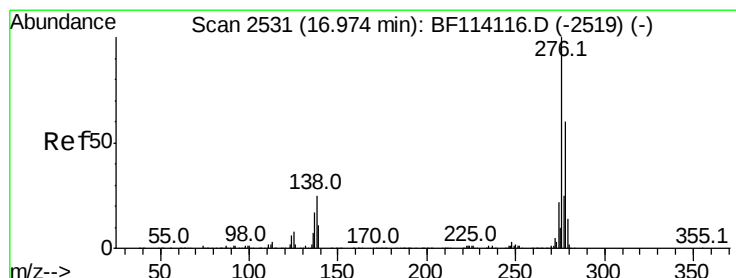
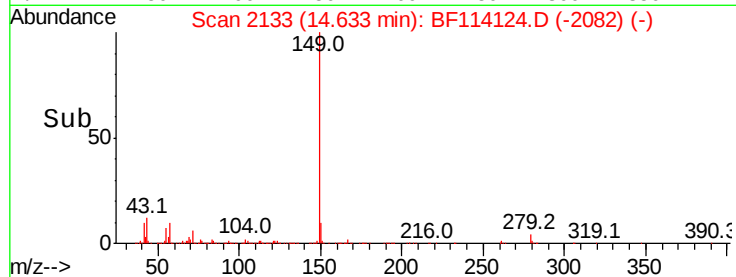
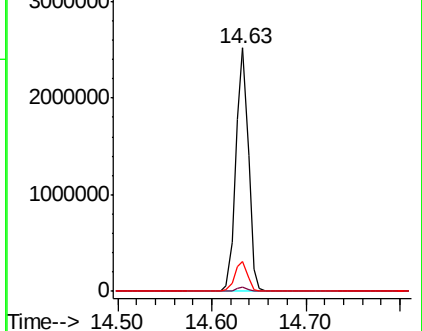
43 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.408 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

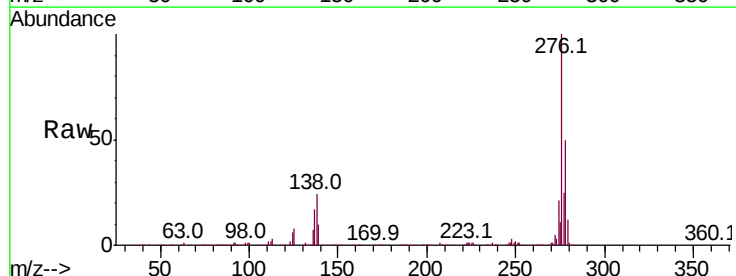
Tgt Ion:276 Resp: 1677295

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

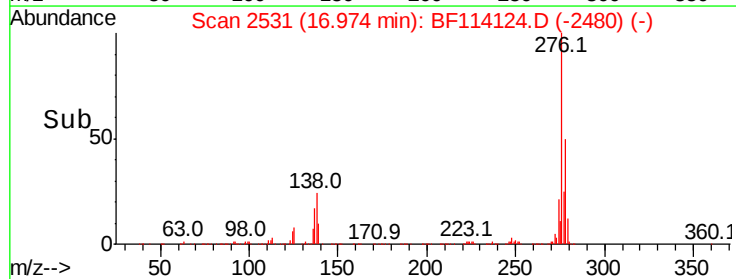
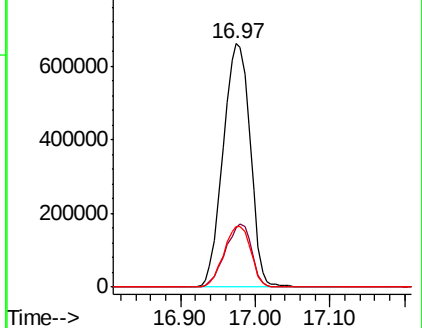
277 25.0 20.0 30.0

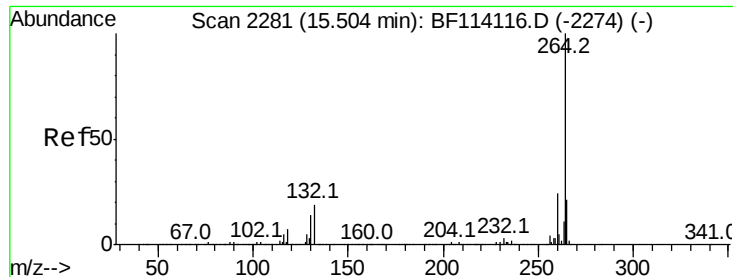


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

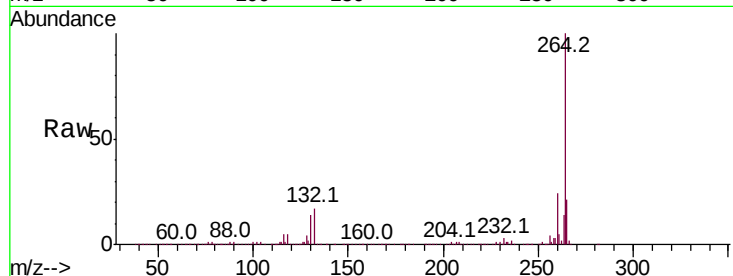
Tot Ion:264 Resp: 749933

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

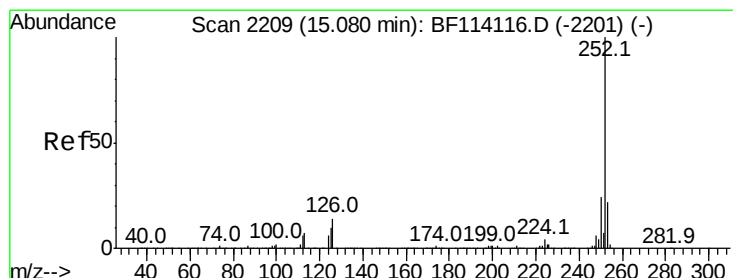
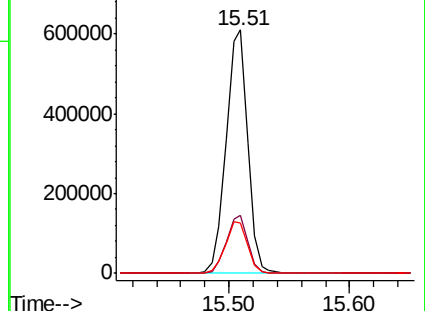
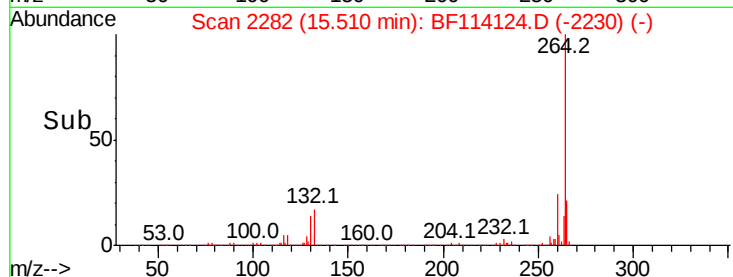
265 20.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.361 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BF114124.D

Acq: 10 May 2019 16:49

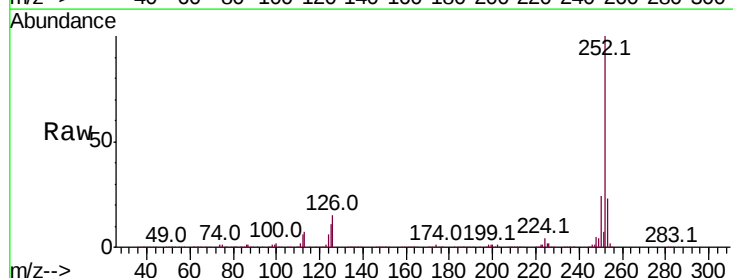
Tgt Ion:252 Resp: 1987205

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

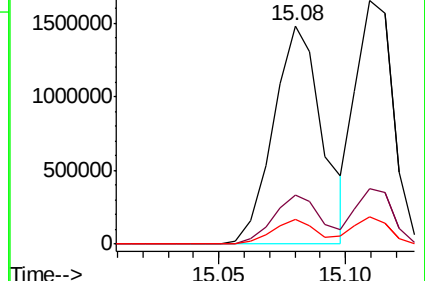
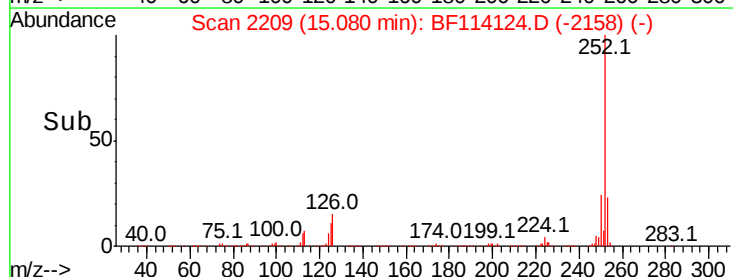
125 11.3 8.3 12.5

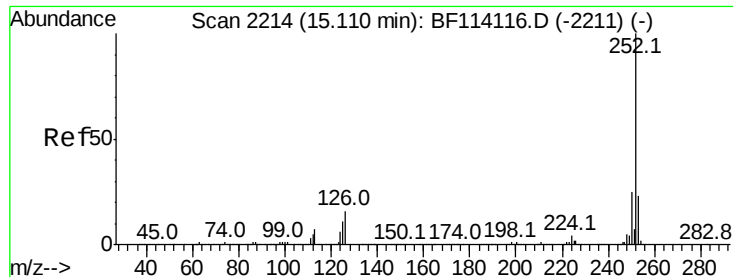


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

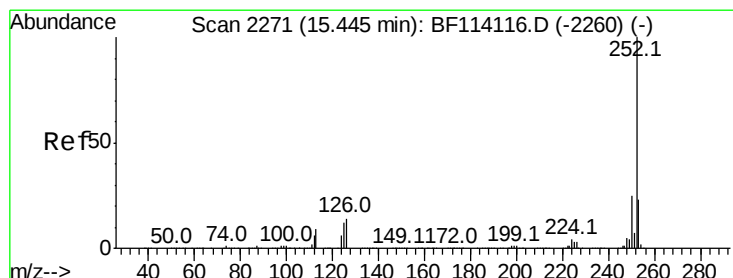
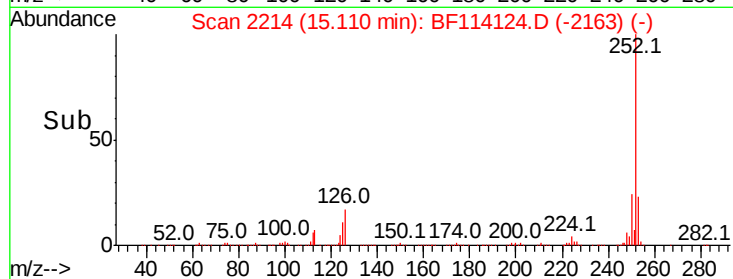
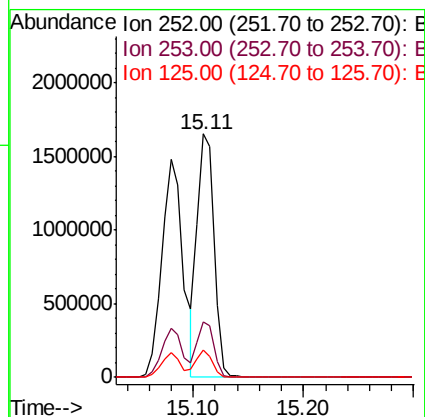
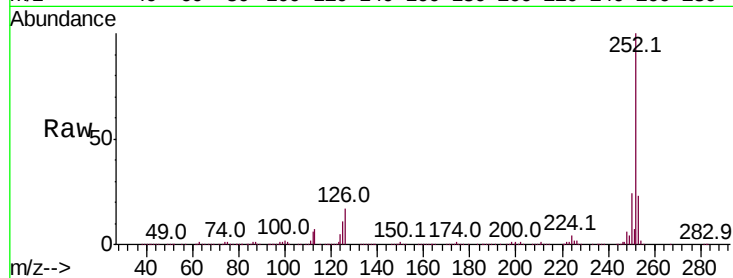




#89
Benzo(k)fluoranthene
Concen: 38.943 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

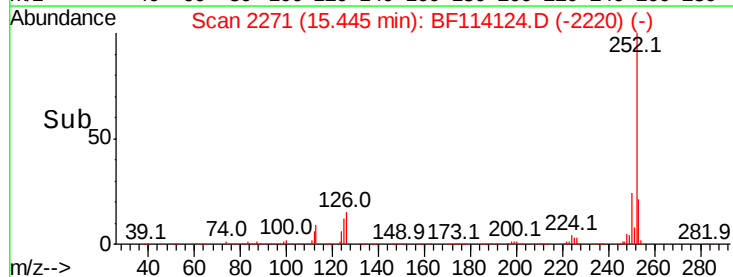
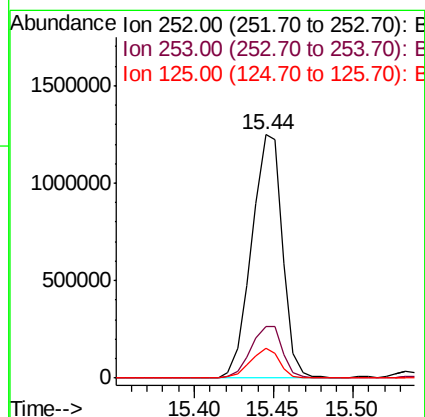
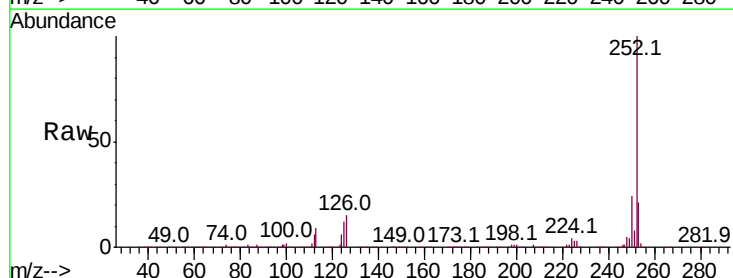
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

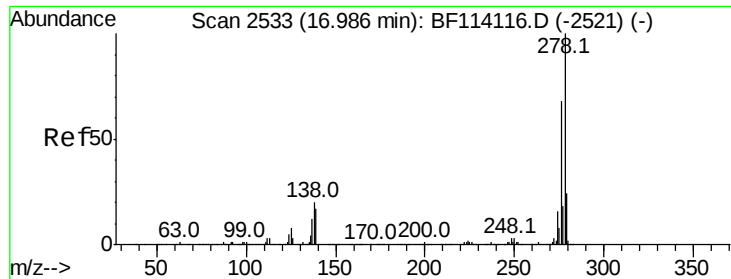
Tot Ion:252 Resp: 1718709
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 40.088 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion:252 Resp: 1695048
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 12.0 9.5 14.3

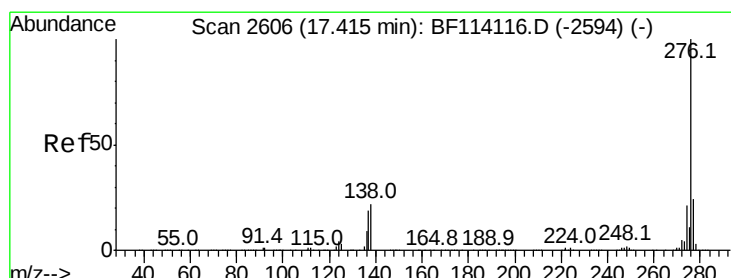
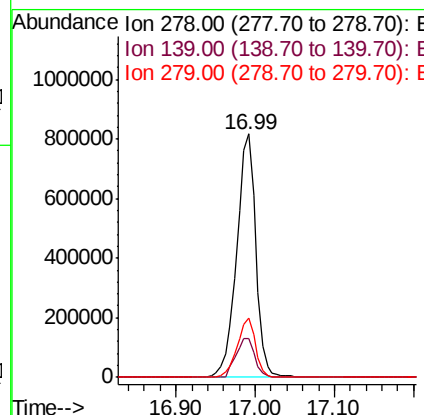
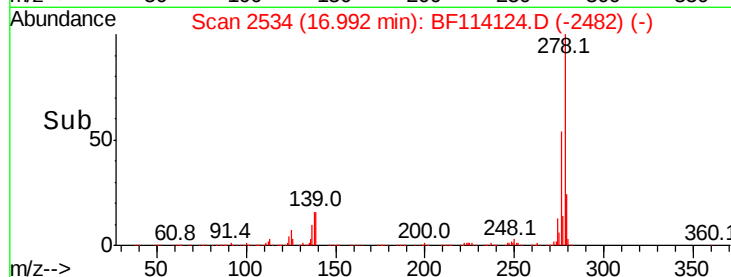
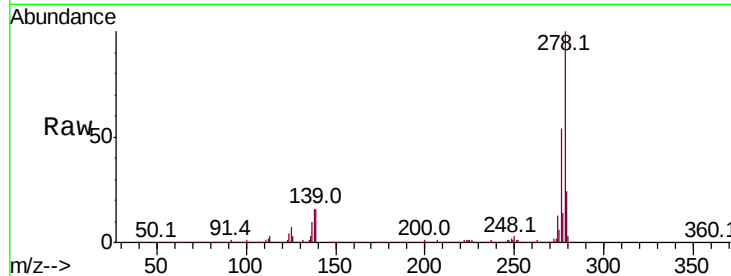




#91
Dibenzo(a,h)anthracene
Concen: 38.884 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1366218
Ion Ratio Lower Upper
278 100
139 15.8 13.5 20.3
279 24.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 38.073 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BF114124.D
Acq: 10 May 2019 16:49

Tgt Ion:276 Resp: 1340589
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.4
138 22.4 17.8 26.6

