

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
 Data File : BF114187.D
 Acq On : 12 May 2019 12:37
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 13 07:42:58 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	320894	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1248260	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	583550	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1140002	20.00	ng	0.00
76) Chrysene-d12	14.02	240	806967	20.00	ng	0.00
87) Perylene-d12	15.47	264	781657	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1475343	73.99	ng	0.00
7) Phenol-d6	6.49	99	1882119	79.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	1800287	80.94	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	472130	78.26	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2881921	74.70	ng	0.00
79) Terphenyl-d14	12.96	244	2987851	76.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	385177	35.143	ng	97
3) Pyridine	3.38	79	1068181	35.372	ng	95
4) n-Nitrosodimethylamine	3.33	42	508259	34.902	ng	92
6) Aniline	6.52	93	1359193	39.897	ng	97
8) 2-Chlorophenol	6.65	128	857743	40.293	ng	92
9) Benzaldehyde	6.40	77	640498	38.793	ng	100
10) Phenol	6.51	94	1089099	39.256	ng	84
11) bis(2-Chloroethyl)ether	6.59	93	881739	41.863	ng	99
12) 1,3-Dichlorobenzene	6.80	146	955380	39.982	ng	99
13) 1,4-Dichlorobenzene	6.87	146	955167	39.668	ng	98
14) 1,2-Dichlorobenzene	7.03	146	875339	39.791	ng	99
15) Benzyl Alcohol	7.00	79	741978	40.338	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1663268	40.727	ng	98
17) 2-Methylphenol	7.11	107	708761	40.531	ng	99
18) Hexachloroethane	7.36	117	368250	40.743	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	581767	38.917	ng	99
20) 3+4-Methylphenols	7.26	107	794773	39.338	ng	96
22) Acetophenone	7.26	105	1090531	39.436	ng	98
24) Nitrobenzene	7.43	77	923937	40.784	ng	99
25) Isophorone	7.67	82	1640311	39.764	ng	100
26) 2-Nitrophenol	7.75	139	467303	42.517	ng	98
27) 2,4-Dimethylphenol	7.79	122	701465	40.635	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1105117	41.289	ng	99
29) 2,4-Dichlorophenol	8.00	162	692149	40.267	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	789656	40.399	ng	98
31) Naphthalene	8.16	128	2339179	40.117	ng	100
32) Benzoic acid	7.92	122	466345	39.367	ng	98
33) 4-Chloroaniline	8.20	127	1083000	40.759	ng	99
34) Hexachlorobutadiene	8.27	225	451821	40.626	ng	99
35) Caprolactam	8.58	113	243200	43.390	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	725435	41.927	ng	98
37) 2-Methylnaphthalene	8.85	142	1563008	41.547	ng	97
38) 1-Methylnaphthalene	8.95	142	1490747	42.079	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	715646	40.485	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	272025	35.570	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	498009	40.959	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	518022	41.544	ng	95
46) 1,1'-Biphenyl	9.31	154	1877570	39.827	ng	99
47) 2-Chloronaphthalene	9.33	162	1504820	39.663	ng	100
48) 2-Nitroaniline	9.43	65	551717	41.003	ng	96
49) Acenaphthylene	9.75	152	2292017	39.720	ng	100
50) Dimethylphthalate	9.61	163	1753975	40.944	ng	99
51) 2,6-Dinitrotoluene	9.67	165	393914	41.458	ng	99
52) Acenaphthene	9.92	154	1376347	38.869	ng	99
53) 3-Nitroaniline	9.84	138	483838	41.022	ng	98
54) 2,4-Dinitrophenol	9.95	184	175423	40.367	ng	96
55) Dibenzofuran	10.09	168	2026429	39.027	ng	98
56) 4-Nitrophenol	10.00	139	312607	37.478	ng	96
57) 2,4-Dinitrotoluene	10.08	165	521064	40.404	ng	96
58) Fluorene	10.44	166	1547170	38.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	423631	39.374	ng	100
60) Diethylphthalate	10.30	149	1725869	39.651	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	780368	39.616	ng	98
62) 4-Nitroaniline	10.46	138	492213	39.714	ng	95
63) Azobenzene	10.59	77	1676827	39.800	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	238984	43.627	ng	100
66) n-Nitrosodiphenylamine	10.55	169	1406553	40.653	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	515643	41.081	ng	98
68) Hexachlorobenzene	10.99	284	556453	40.074	ng	92
69) Atrazine	11.07	200	460829	42.800	ng	99
70) Pentachlorophenol	11.18	266	272428	41.387	ng	98
71) Phenanthrene	11.40	178	2250768	40.582	ng	100
72) Anthracene	11.45	178	2280665	40.940	ng	99
73) Carbazole	11.60	167	2160729	40.675	ng	100
74) Di-n-butylphthalate	11.93	149	2702858	44.164	ng	98
75) Fluoranthene	12.59	202	2426695	40.630	ng	98
77) Benzdine	12.70	184	1351530	37.311	ng	99
78) Pyrene	12.82	202	2464786	37.969	ng	98
80) Butylbenzylphthalate	13.43	149	1217562	44.560	ng	99
81) Benzo(a)anthracene	14.00	228	2143305	41.064	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	863432	42.644	ng	99
83) Chrysene	14.04	228	2042347	39.917	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1669220	46.710	ng	# 99
85) Di-n-octyl phthalate	14.60	149	2754152	47.542	ng	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1864426	41.231	ng	99
88) Benzo(b)fluoranthene	15.05	252	1982107	39.581	ng	99
89) Benzo(k)fluoranthene	15.08	252	1937490	42.118	ng	100
90) Benzo(a)pyrene	15.42	252	1812956	41.136	ng	100
91) Dibenzo(a,h)anthracene	16.96	278	1524427	41.626	ng	99
92) Benzo(g,h,i)perylene	17.39	276	1495509	40.749	ng	99

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

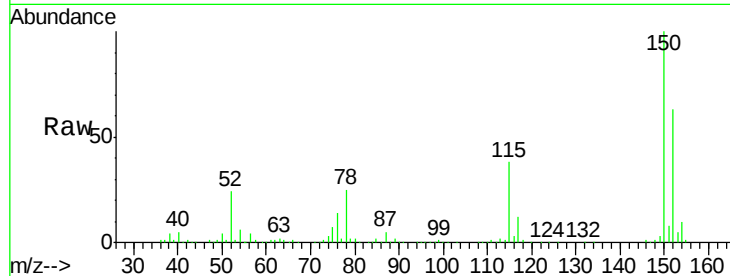


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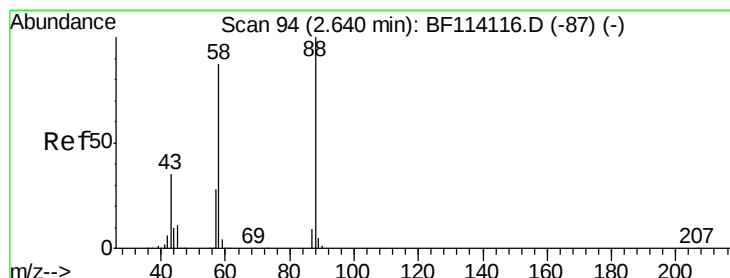
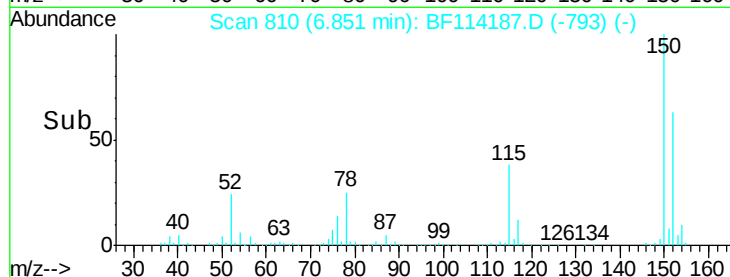
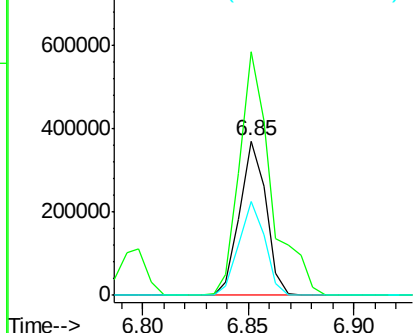
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 320894
Ion Ratio Lower Upper
152 100
150 157.8 124.3 186.5
115 60.5 49.1 73.7



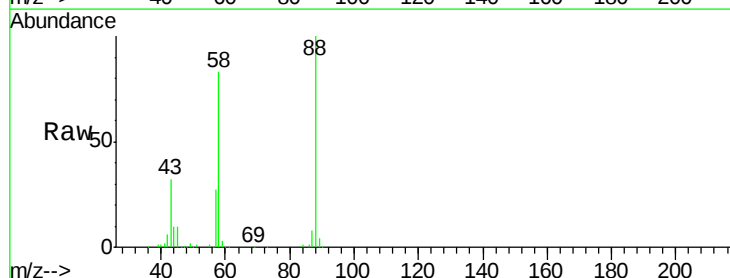
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



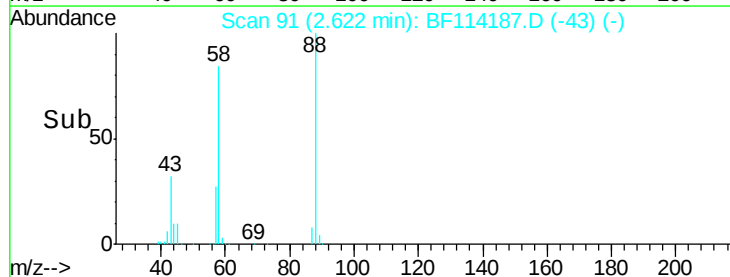
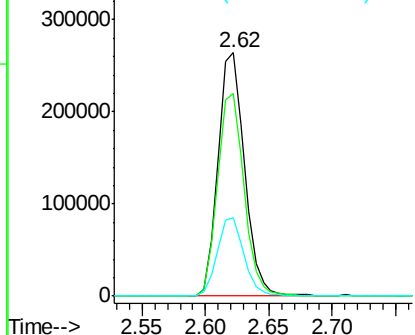
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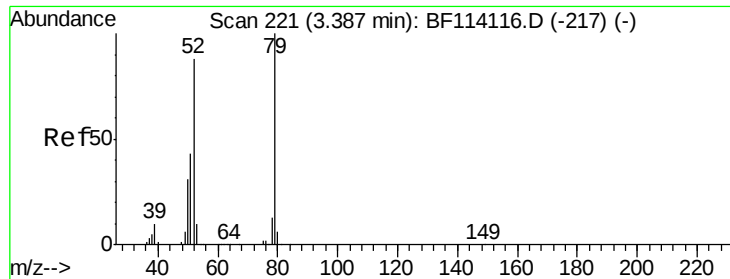
1,4-Dioxane
Concen: 35.143 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.02 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion: 88 Resp: 385177
Ion Ratio Lower Upper
88 100
58 83.7 68.7 103.1
43 32.8 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: 35.372 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

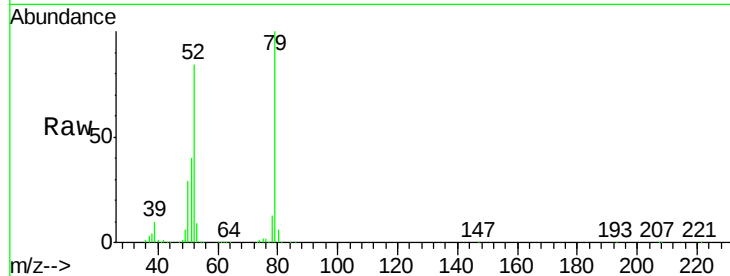
Tot Ion: 79 Resp: 1068181

Ion Ratio Lower Upper

79 100

52 83.6 70.6 105.8

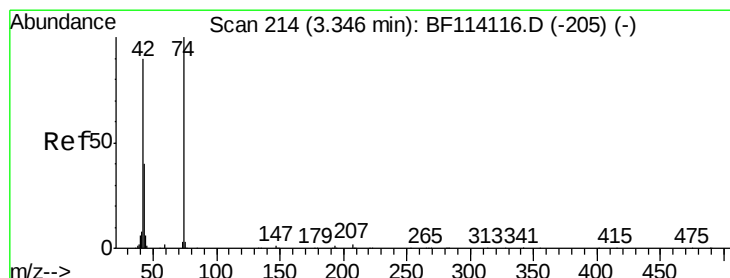
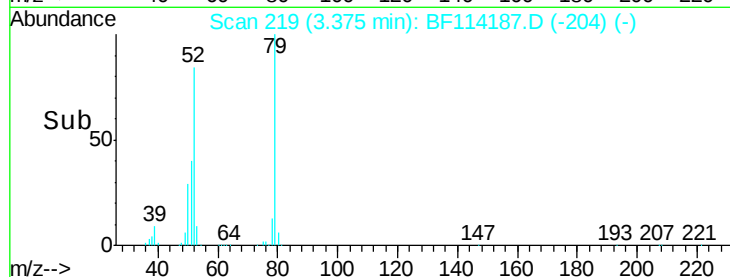
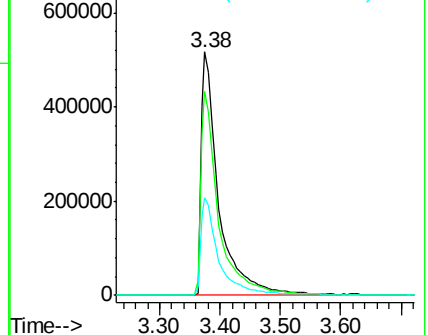
51 40.0 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.902 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.02 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

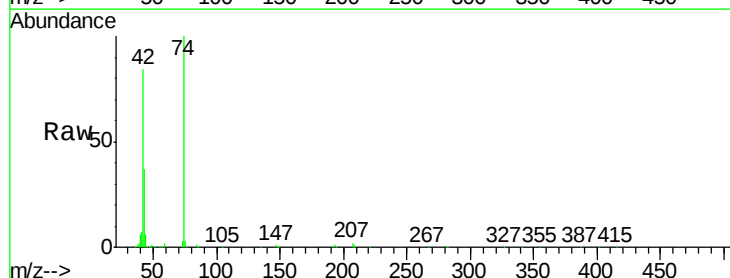
Tgt Ion: 42 Resp: 508259

Ion Ratio Lower Upper

42 100

74 119.4 88.6 132.8

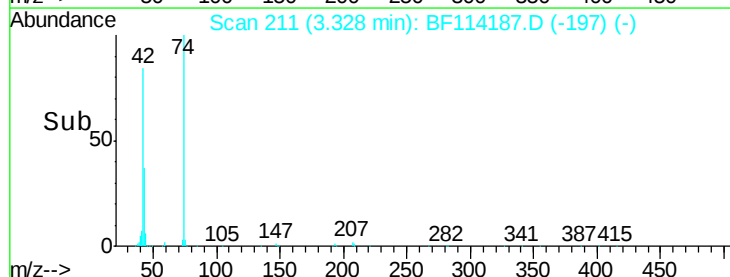
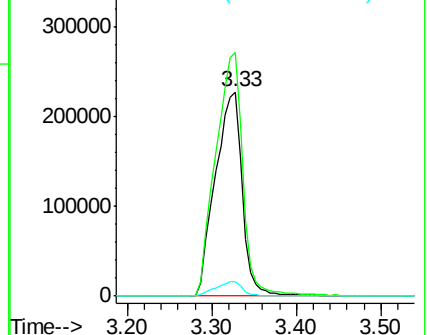
44 7.2 5.5 8.3

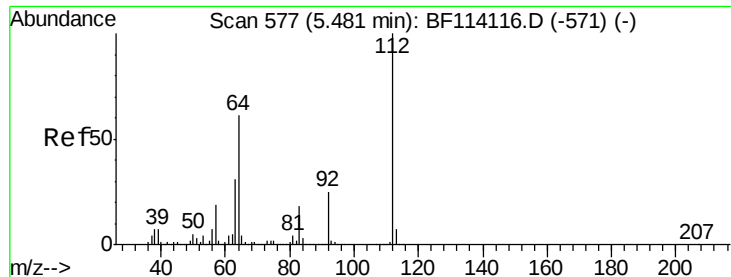


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 73.987 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

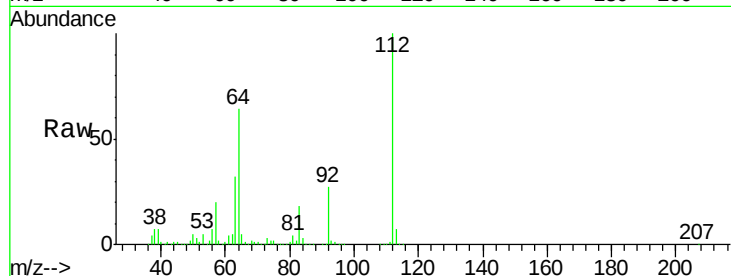
Tot Ion:112 Resp: 1475343

Ion Ratio Lower Upper

112 100

64 64.1 49.0 73.6

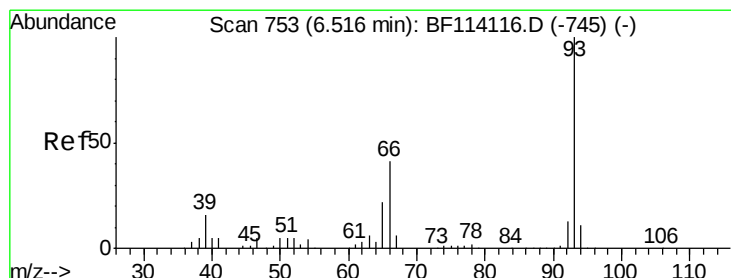
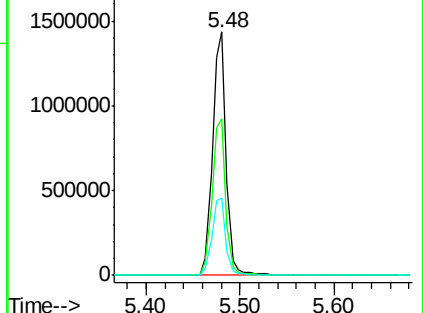
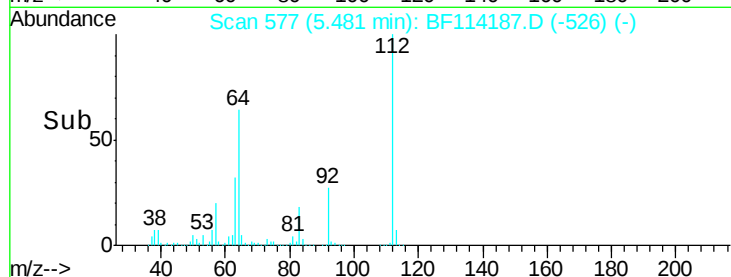
63 31.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.897 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

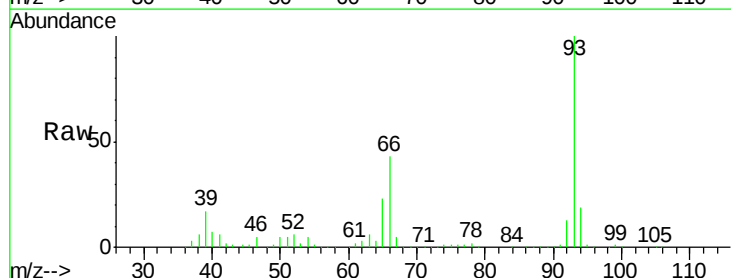
Tgt Ion: 93 Resp: 1359193

Ion Ratio Lower Upper

93 100

66 43.2 33.2 49.8

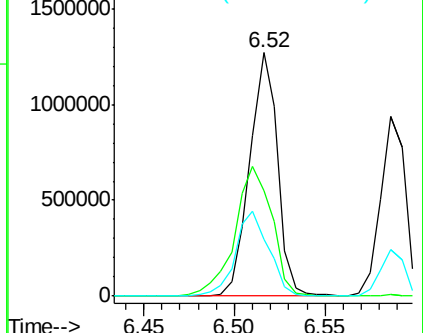
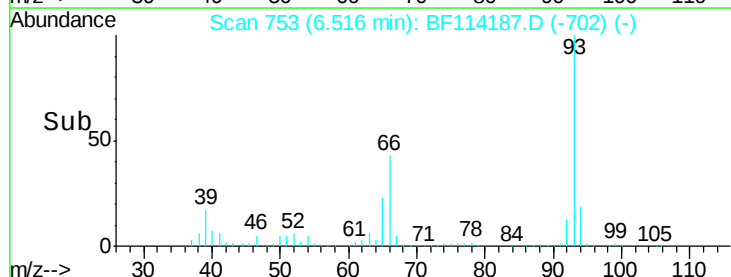
65 23.4 17.6 26.4

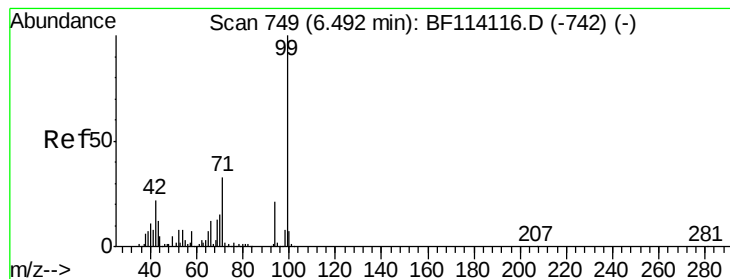


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.804 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

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BNA_F

ClientSampleId :

SSTDCCC040

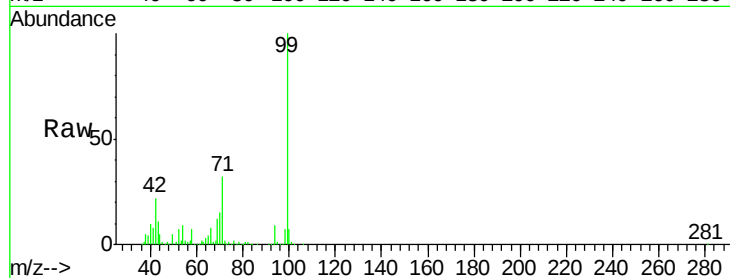
Tot Ion: 99 Resp: 1882119

Ion Ratio Lower Upper

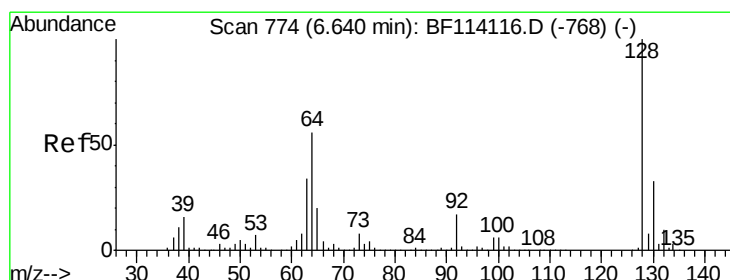
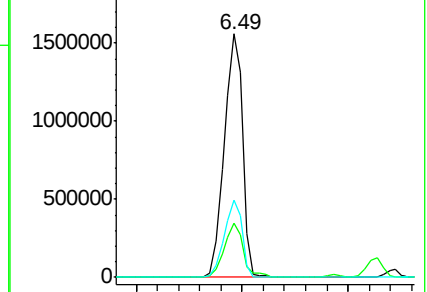
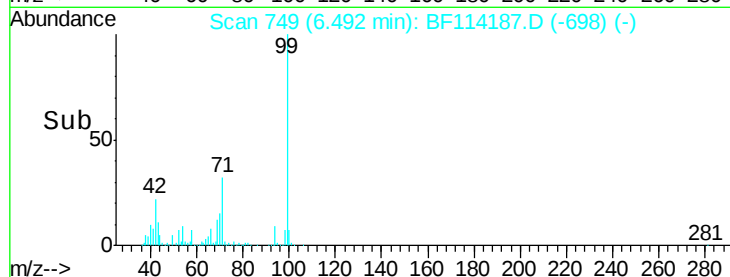
99 100

42 22.5 17.9 26.9

71 31.9 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.293 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

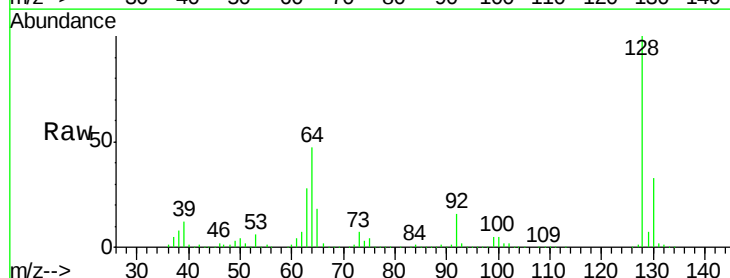
Tgt Ion: 128 Resp: 857743

Ion Ratio Lower Upper

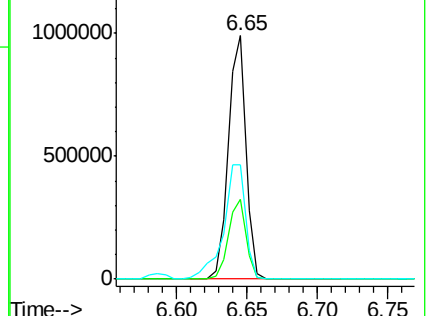
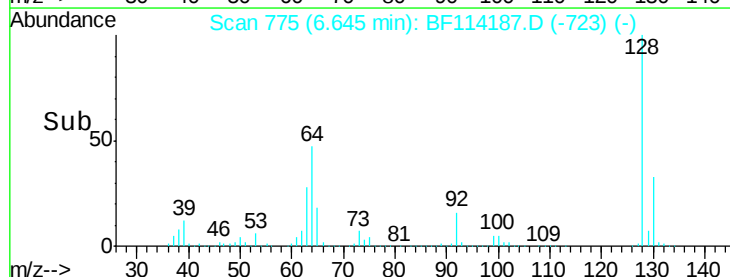
128 100

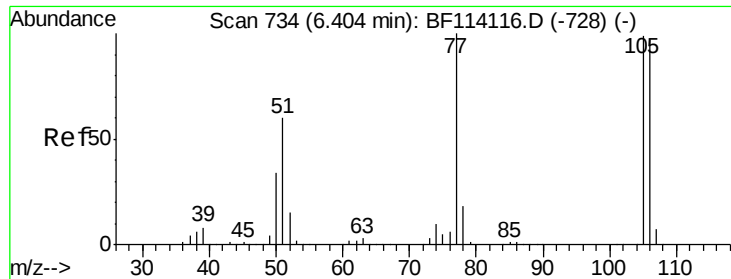
130 32.9 12.6 52.6

64 47.0 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

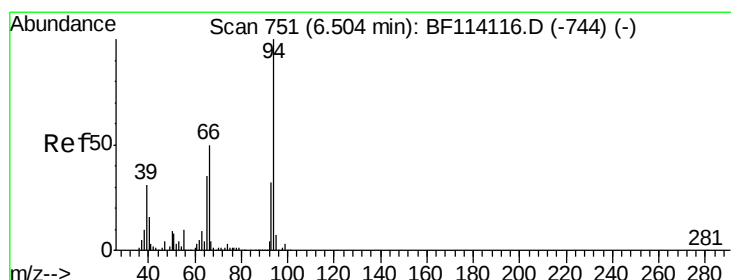
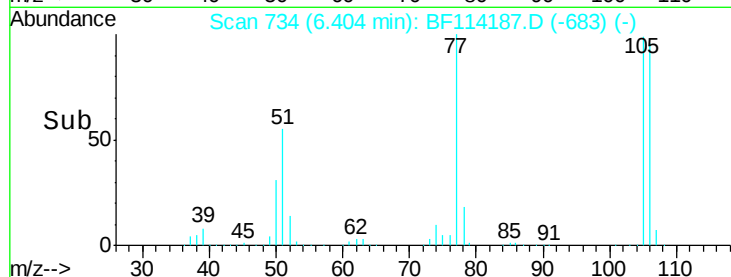
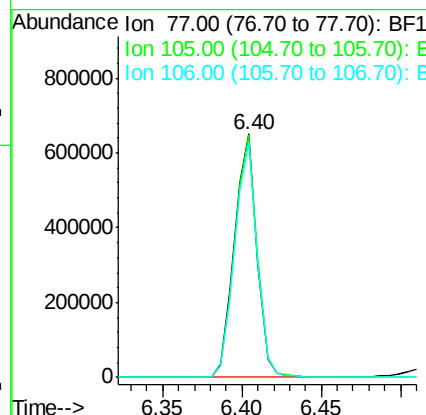
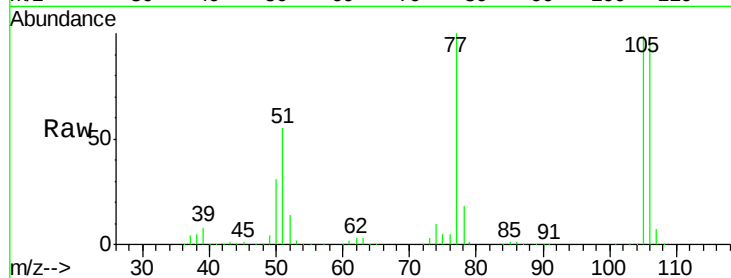




#9
Benzaldehyde
Concen: 38.793 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

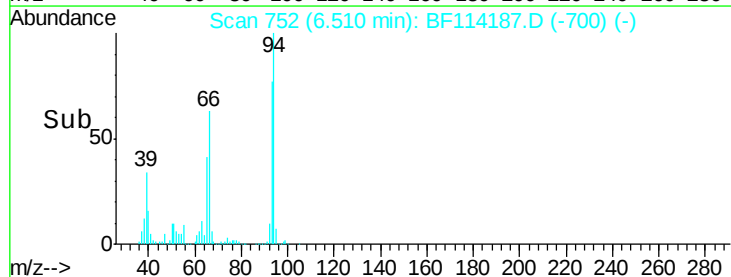
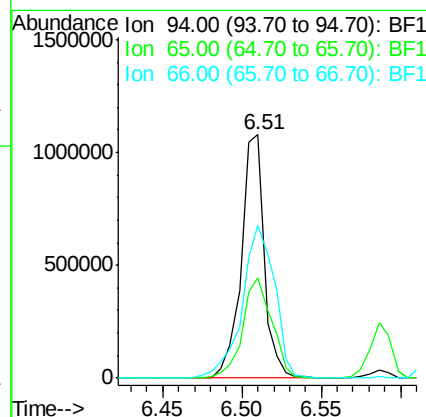
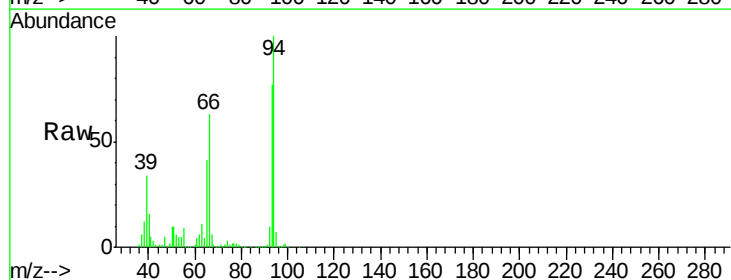
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

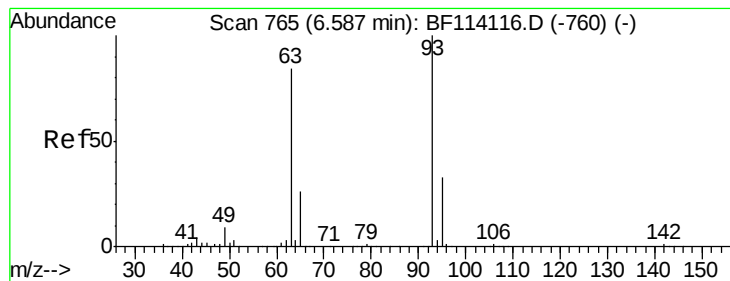
Tot Ion: 77 Resp: 640498
Ion Ratio Lower Upper
77 100
105 99.4 79.3 119.3
106 96.3 77.0 117.0



#10
Phenol
Concen: 39.256 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion: 94 Resp: 1089099
Ion Ratio Lower Upper
94 100
65 41.3 14.7 54.7
66 62.6 29.6 69.6

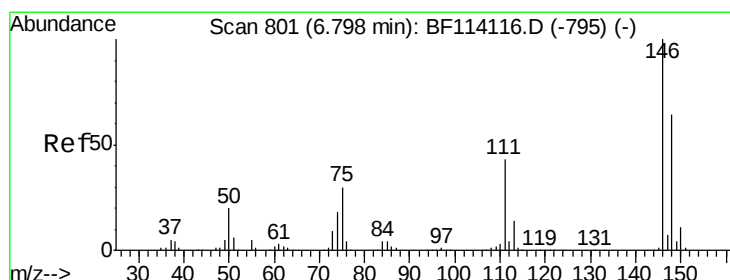
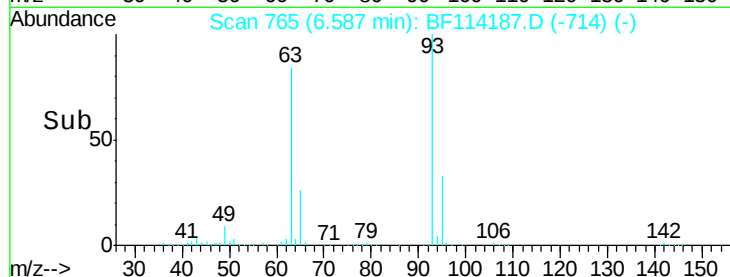
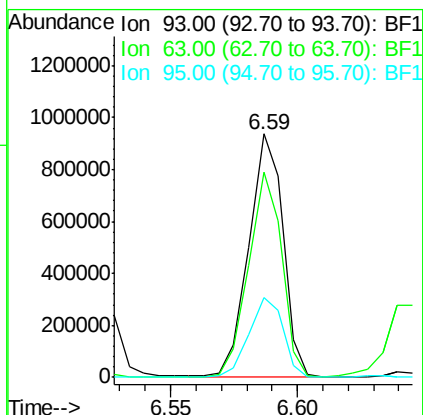
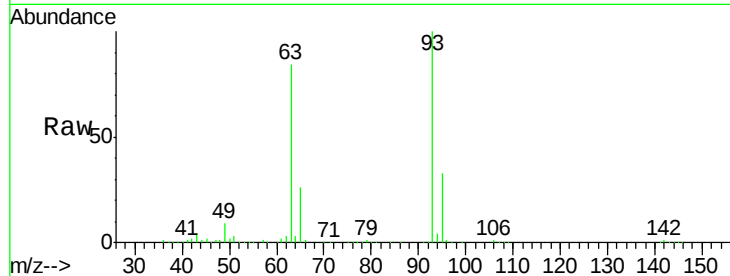




#11
 bis(2-Chloroethyl)ether
 Concen: 41.863 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

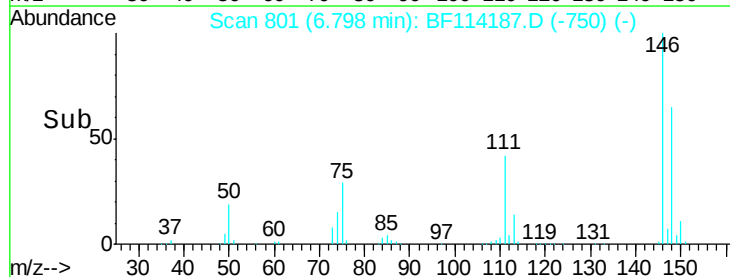
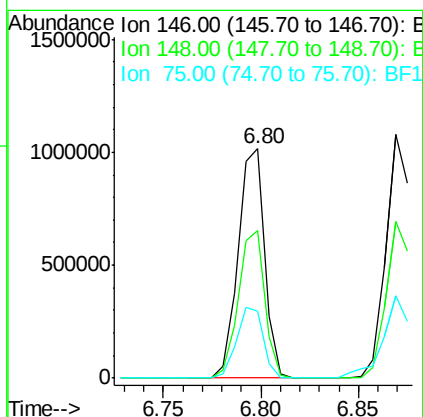
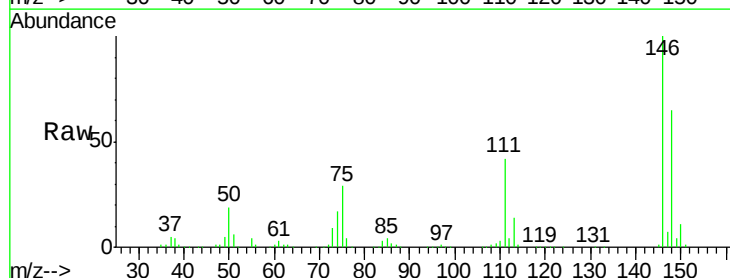
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

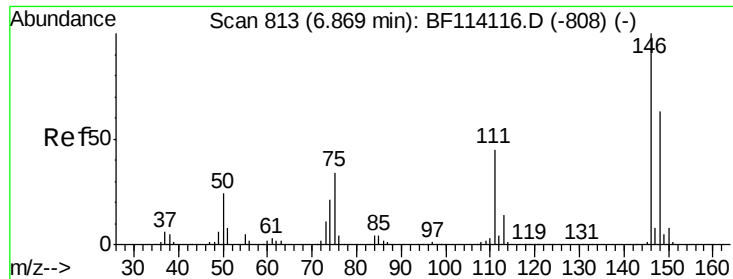
Tot Ion: 93 Resp: 881739
 Ion Ratio Lower Upper
 93 100
 63 84.2 63.6 103.6
 95 33.0 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 39.982 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

Tgt Ion: 146 Resp: 955380
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.6 77.4
 75 29.3 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 39.668 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

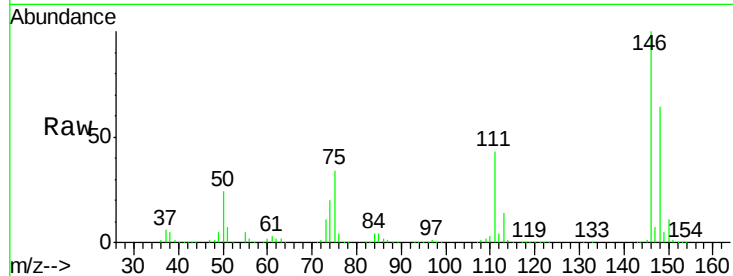
Tot Ion:146 Resp: 955167

Ion Ratio Lower Upper

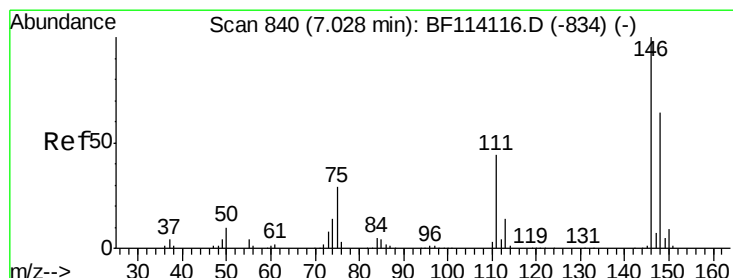
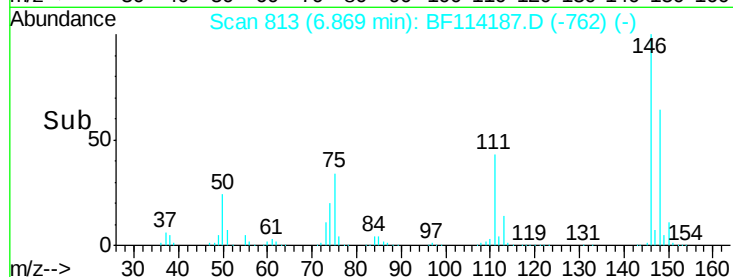
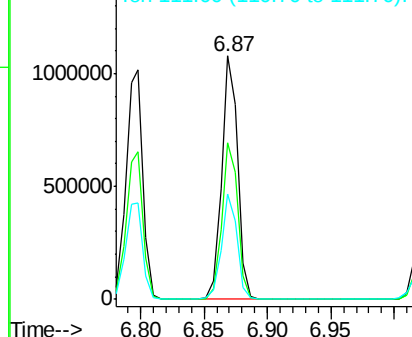
146 100

148 64.4 50.2 75.2

111 43.3 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: 39.791 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

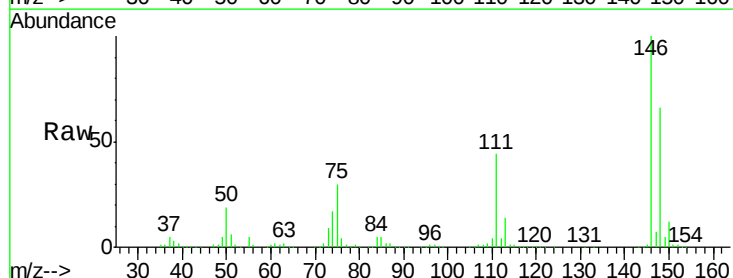
Tgt Ion:146 Resp: 875339

Ion Ratio Lower Upper

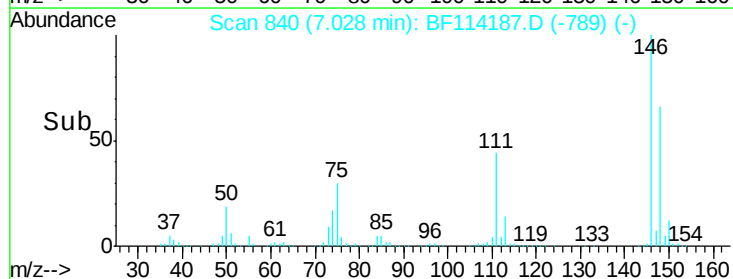
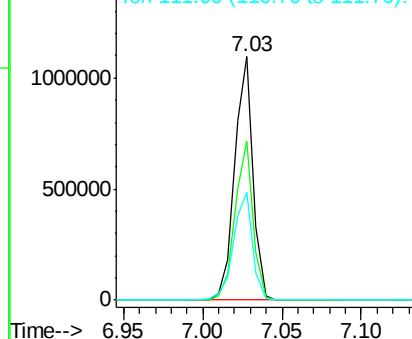
146 100

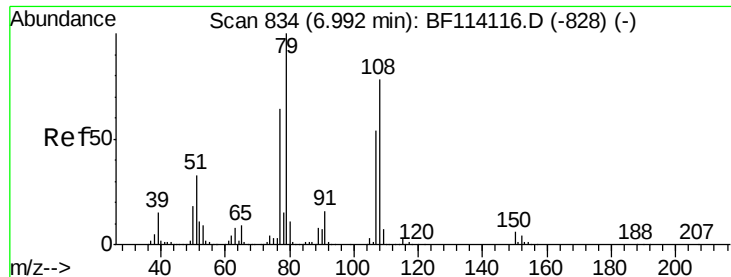
148 65.6 51.1 76.7

111 44.3 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: 40.338 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

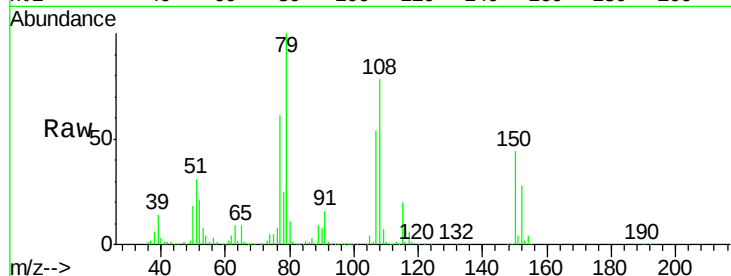
Tot Ion: 79 Resp: 741978

Ion Ratio Lower Upper

79 100

108 78.3 62.1 93.1

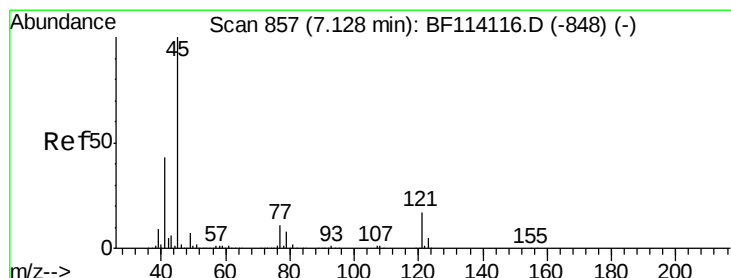
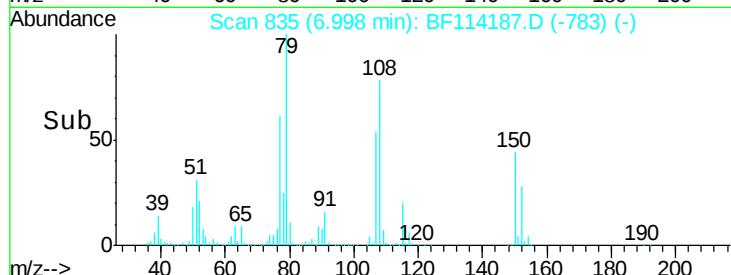
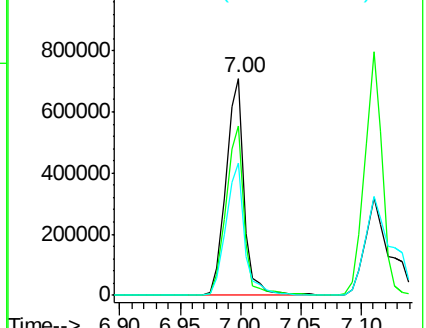
77 61.2 51.0 76.6



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: 40.727 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

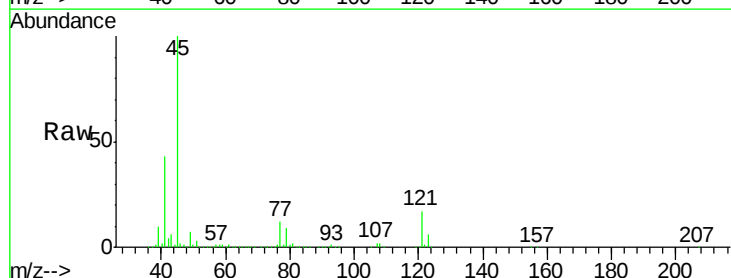
Tgt Ion: 45 Resp: 1663268

Ion Ratio Lower Upper

45 100

77 11.6 0.0 31.1

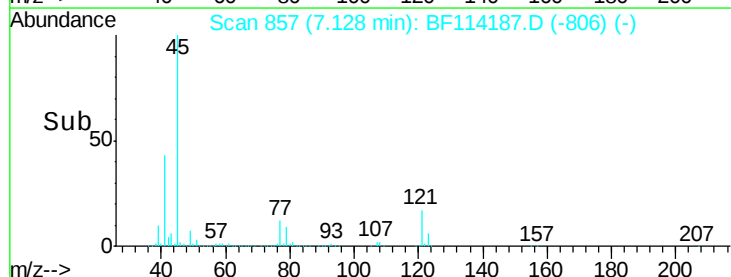
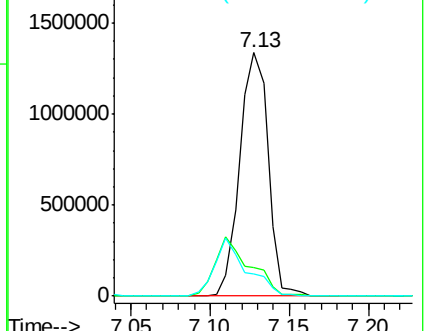
79 9.2 0.0 28.4

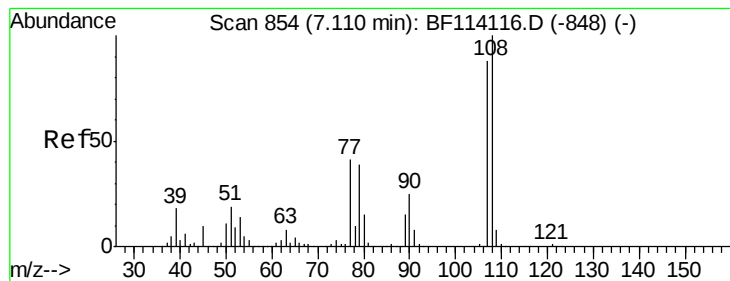


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.531 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 708761

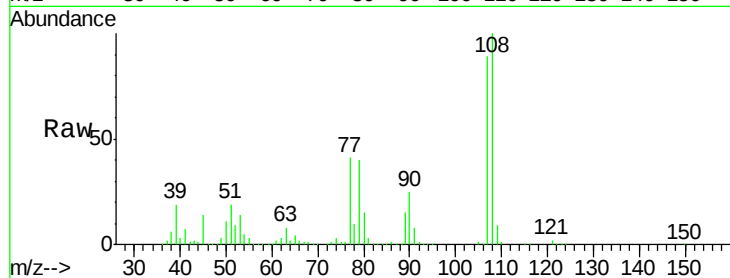
Ion Ratio Lower Upper

107 100

108 111.8 90.5 135.7

77 45.4 37.0 55.4

79 44.7 35.8 53.8

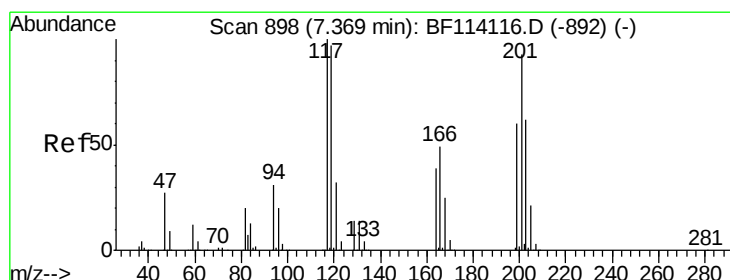
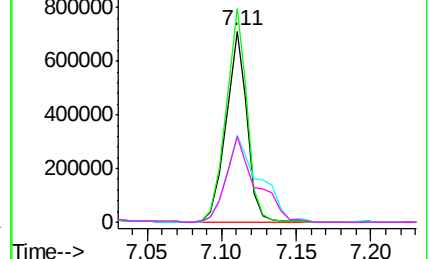
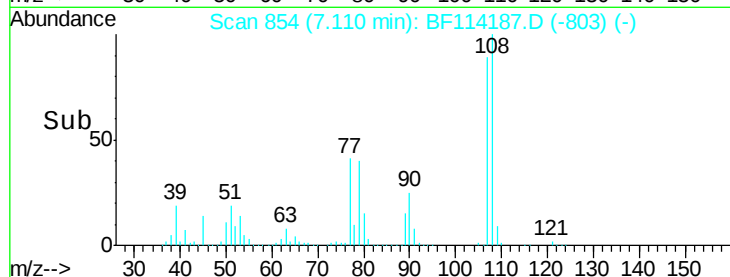


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.743 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

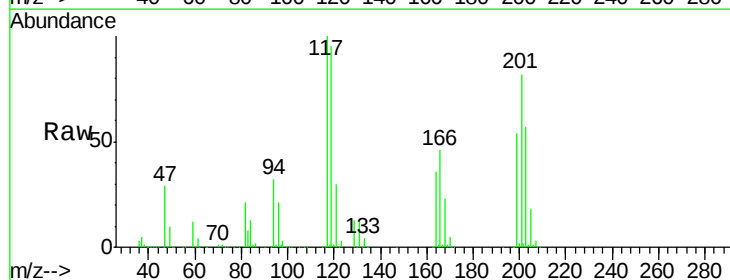
Tgt Ion:117 Resp: 368250

Ion Ratio Lower Upper

117 100

119 95.2 77.4 116.2

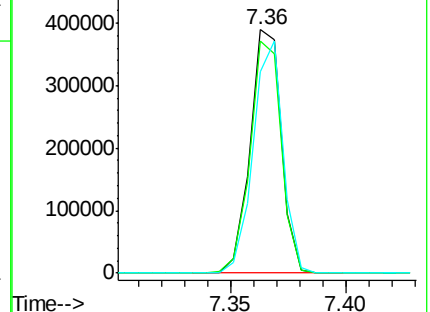
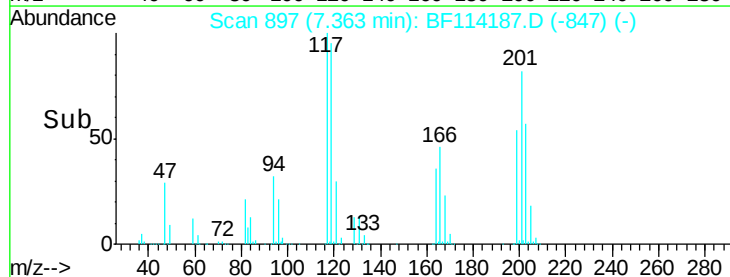
201 82.5 74.5 111.7



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

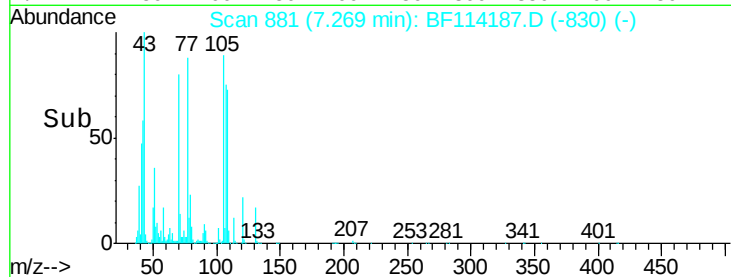
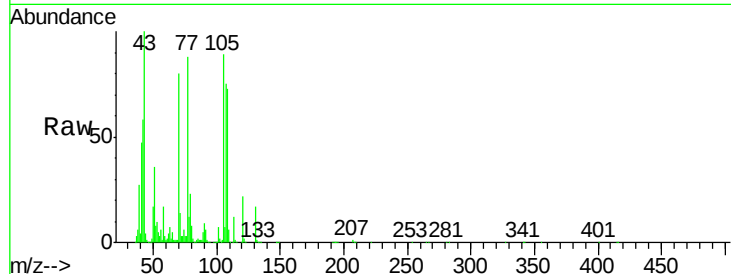
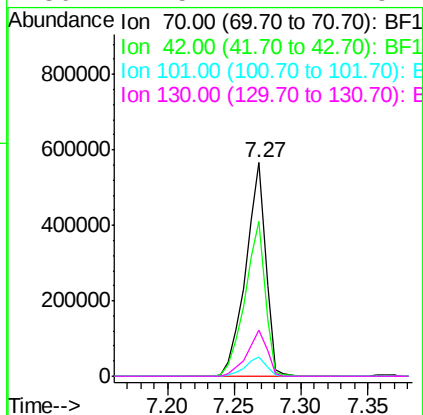




#19
n-Nitroso-di-n-propylamine
Concen: 38.917 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

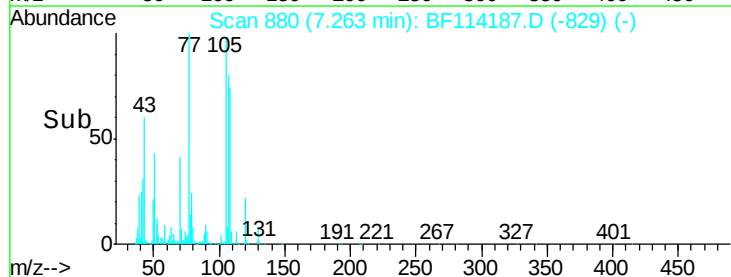
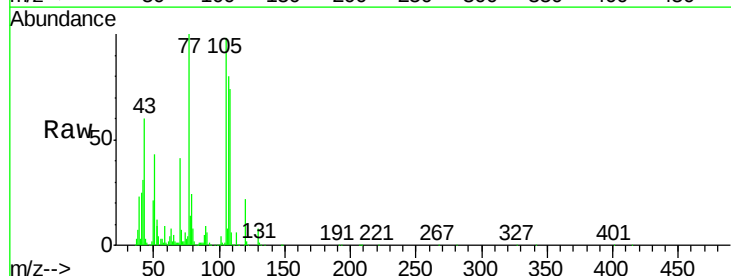
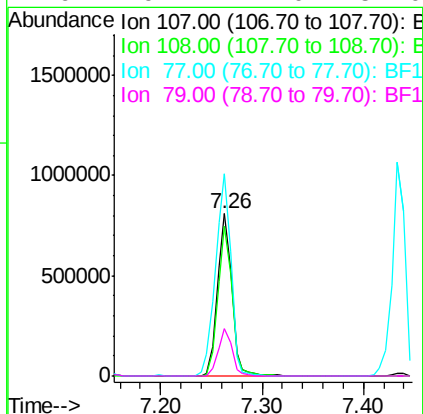
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

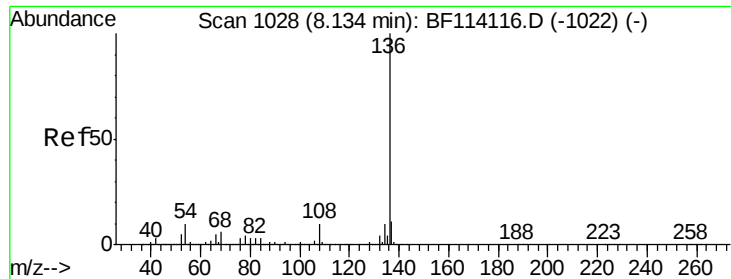
Tot Ion	Ratio	Lower	Upper
70	100		
42	72.4	58.6	87.8
101	9.2	7.8	11.8
130	21.5	17.1	25.7



#20
3+4-Methylphenols
Concen: 39.338 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	73.8	113.8
77	124.8	111.5	151.5
79	29.4	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: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1248260

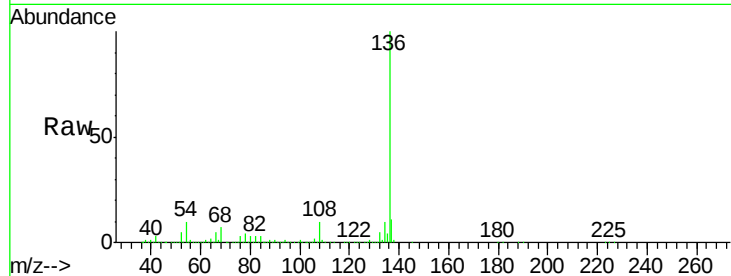
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.7 7.8 11.8

68 6.6 5.1 7.7

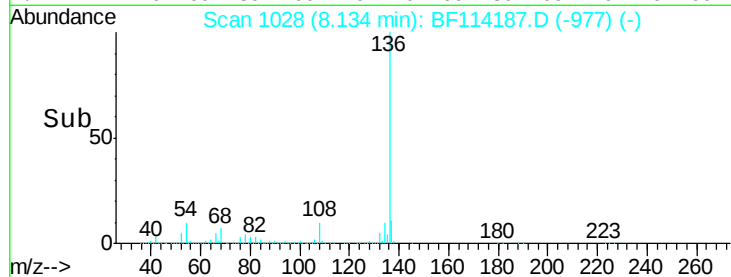


Abundance Ion 136.00 (135.70 to 136.70): E

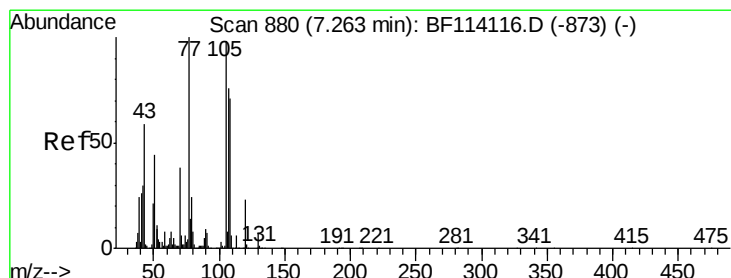
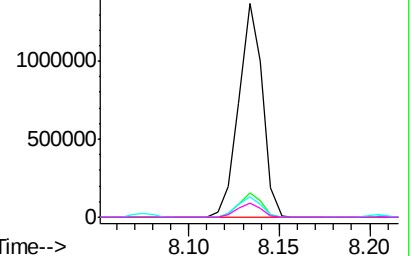
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 39.436 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Tgt Ion:105 Resp: 1090531

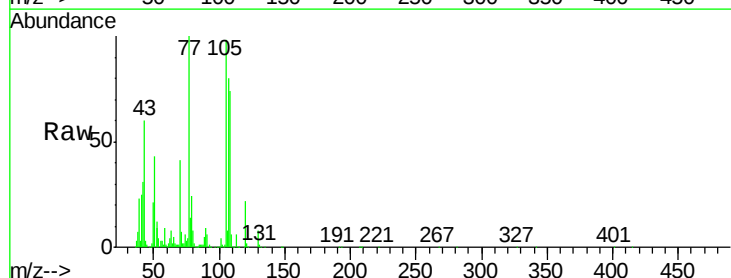
Ion Ratio Lower Upper

105 100

71 7.1 5.3 7.9

51 43.9 36.2 54.4

120 22.3 18.6 28.0

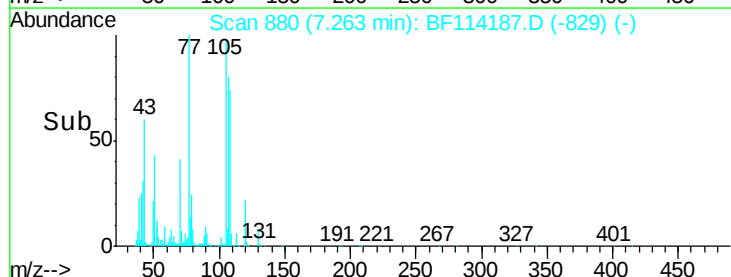


Abundance Ion 105.00 (104.70 to 105.70): E

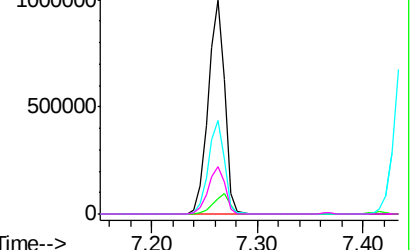
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

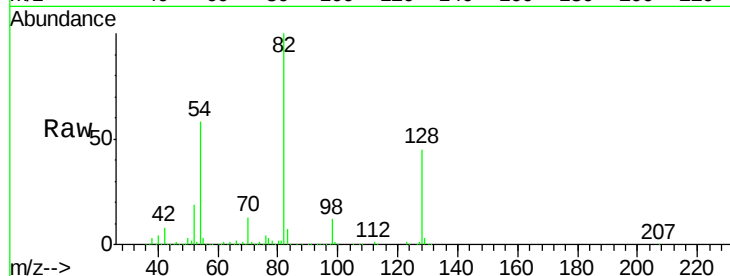




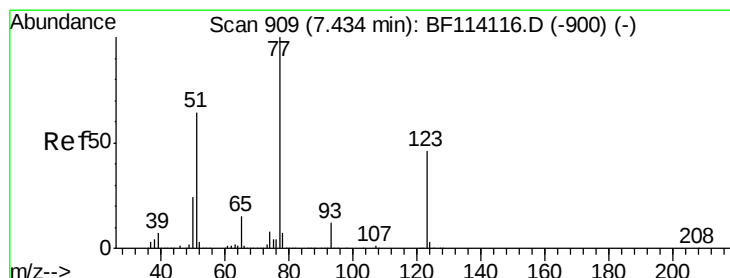
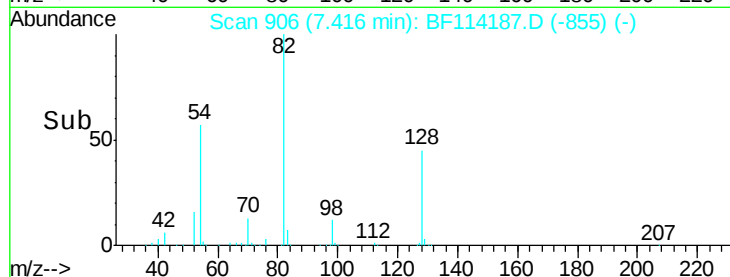
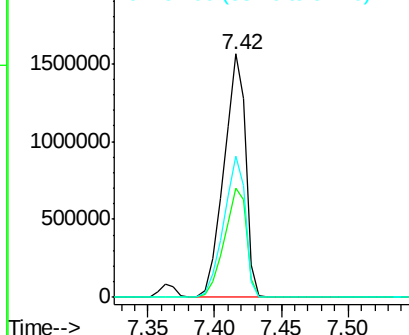
#23
Nitrobenzene-d5
Concen: 80.938 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1800287
Ion Ratio Lower Upper
82 100
128 44.9 35.5 53.3
54 58.2 48.5 72.7

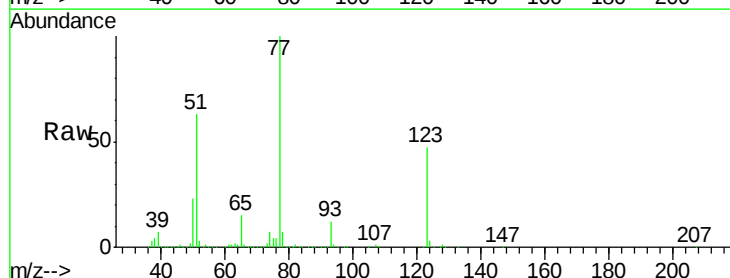


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

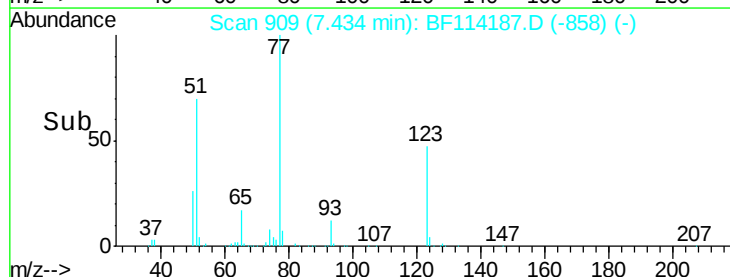
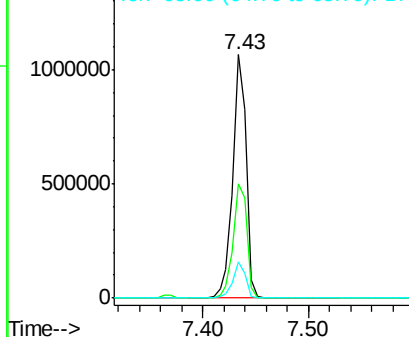


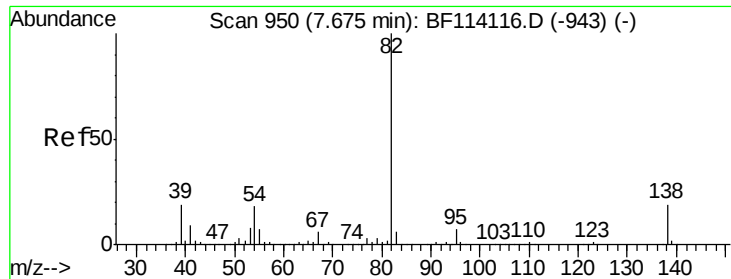
#24
Nitrobenzene
Concen: 40.784 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion: 77 Resp: 923937
Ion Ratio Lower Upper
77 100
123 46.8 36.9 55.3
65 14.8 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.764 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

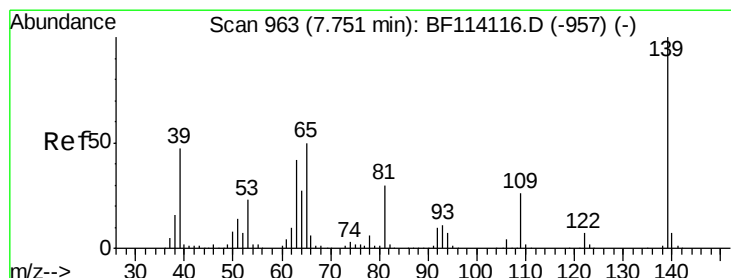
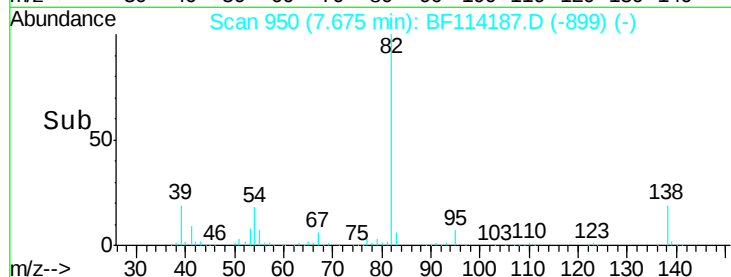
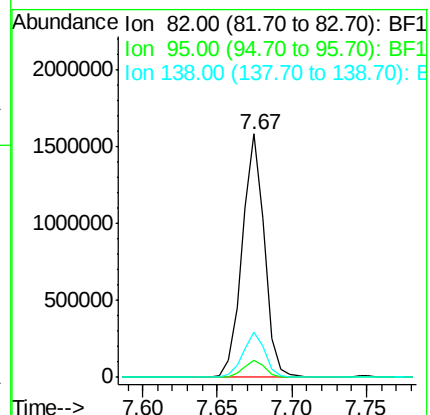
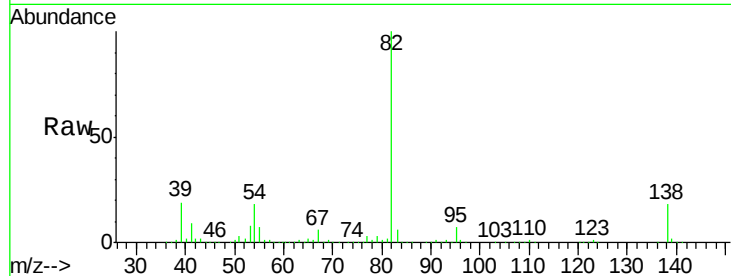
Tot Ion: 82 Resp: 1640311

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 18.5 14.8 22.2



#26

2-Nitrophenol

Concen: 42.517 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

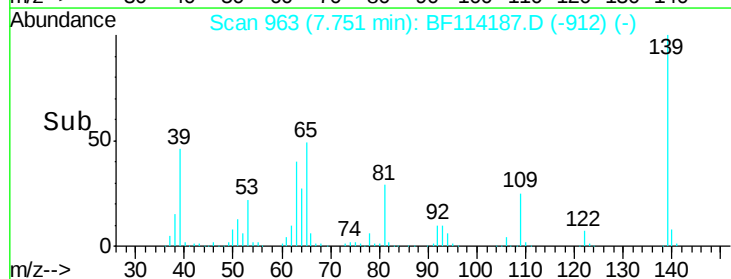
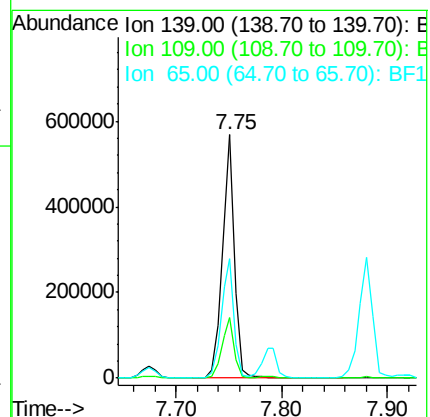
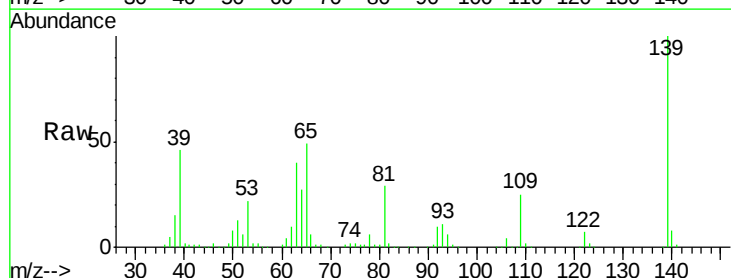
Tgt Ion: 139 Resp: 467303

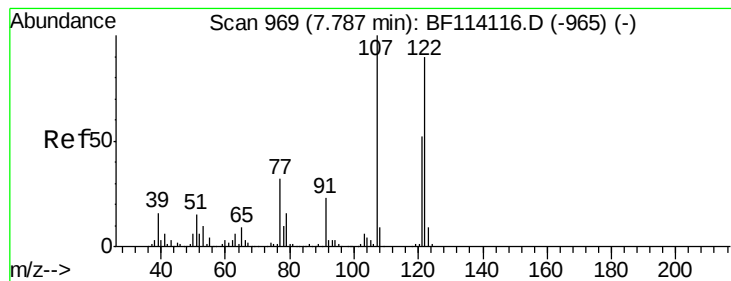
Ion Ratio Lower Upper

139 100

109 24.7 20.7 31.1

65 49.1 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 40.635 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

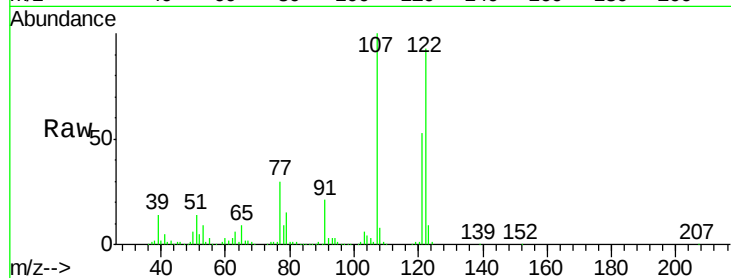
Tot Ion:122 Resp: 701465

Ion Ratio Lower Upper

122 100

107 107.8 88.4 132.6

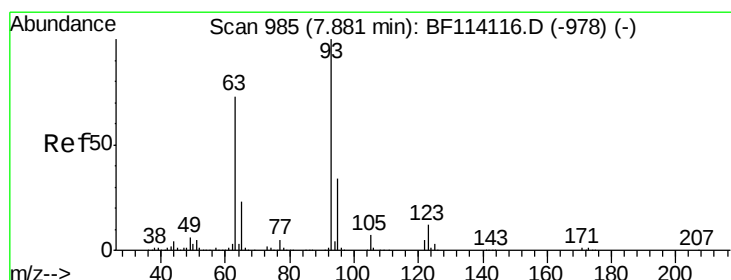
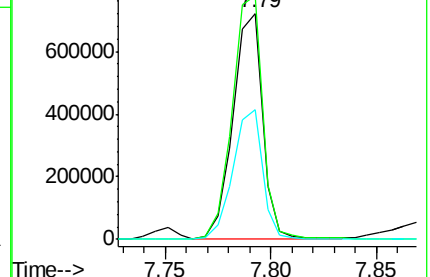
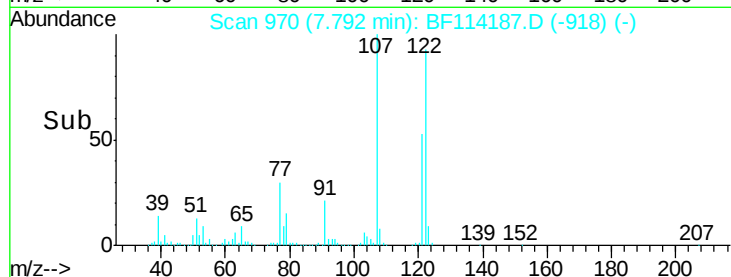
121 57.6 45.9 68.9



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: 41.289 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

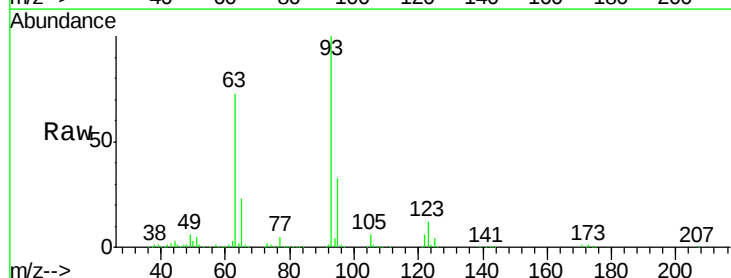
Tgt Ion: 93 Resp: 1105117

Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

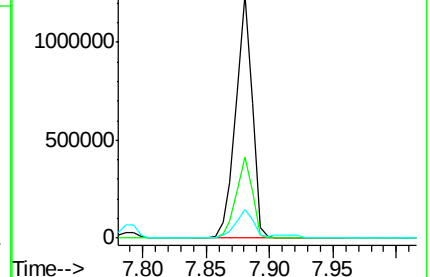
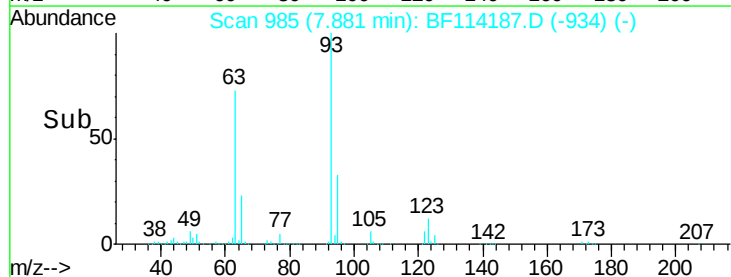
123 11.7 9.5 14.3

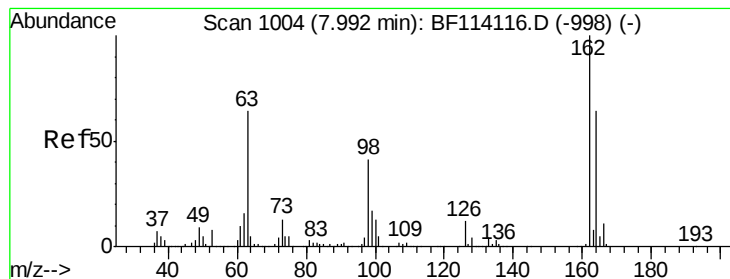


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.267 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

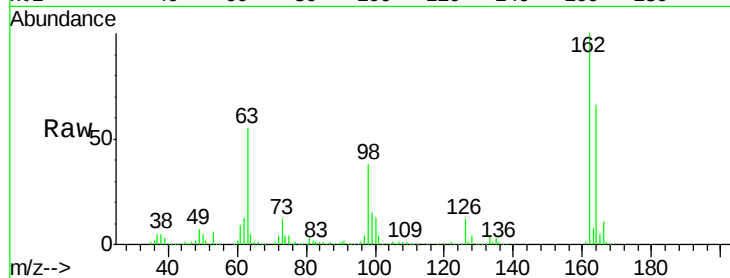
Tot Ion:162 Resp: 692149

Ion Ratio Lower Upper

162 100

164 65.6 43.6 83.6

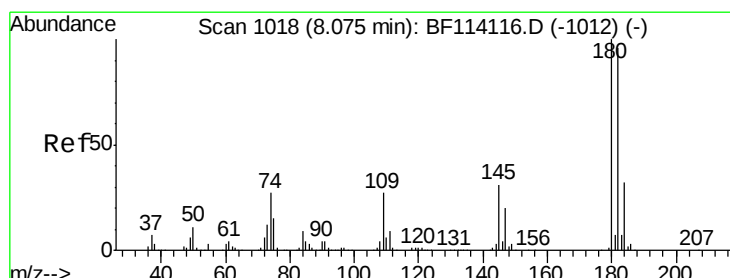
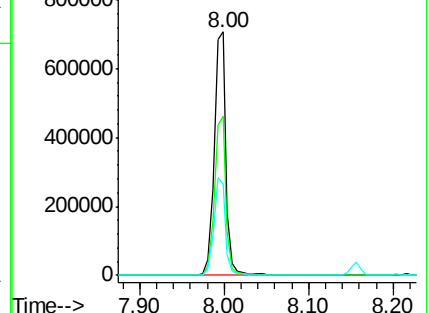
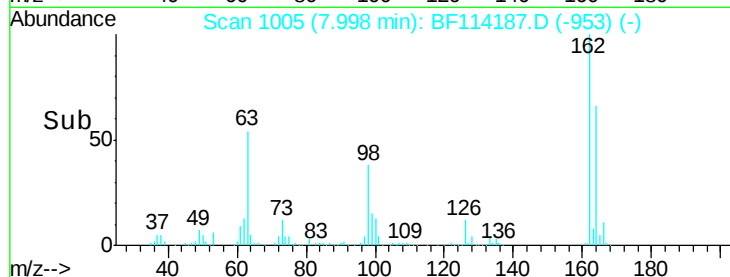
98 37.7 20.6 60.6



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: 40.399 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

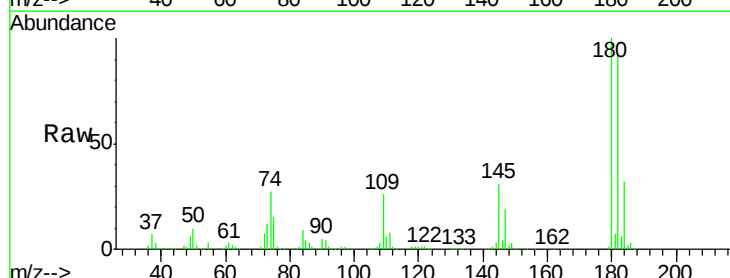
Tgt Ion:180 Resp: 789656

Ion Ratio Lower Upper

180 100

182 93.5 76.6 114.8

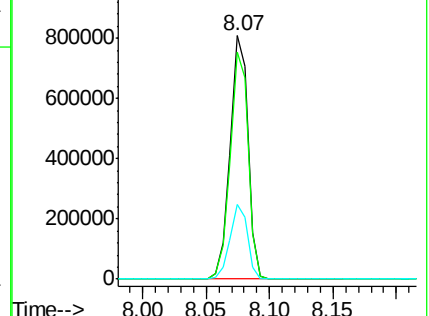
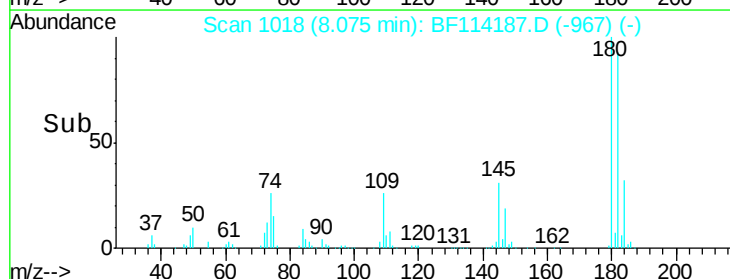
145 30.6 25.1 37.7



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: 40.117 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

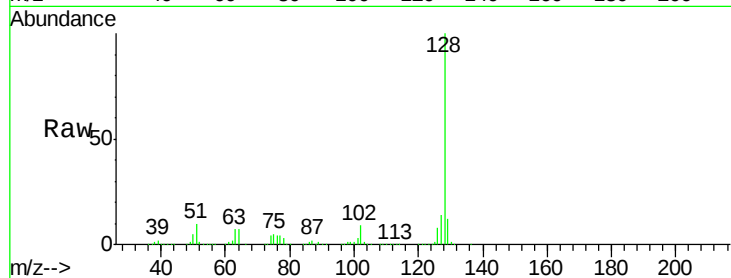
Tot Ion:128 Resp: 2339179

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

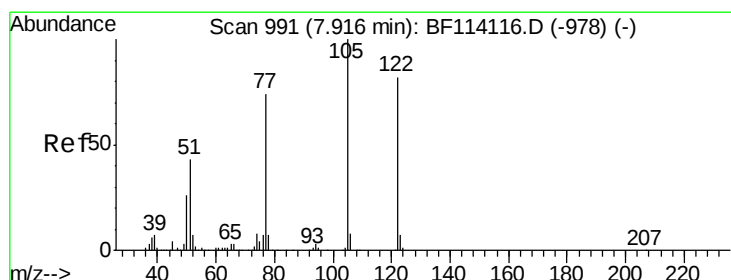
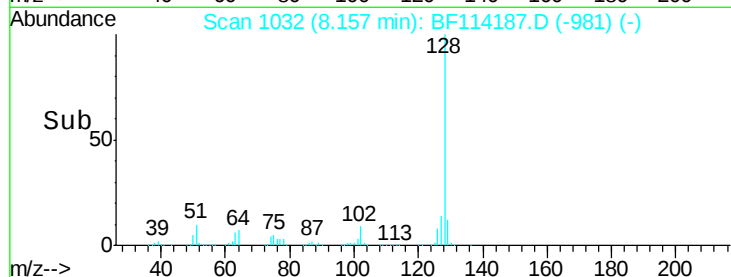
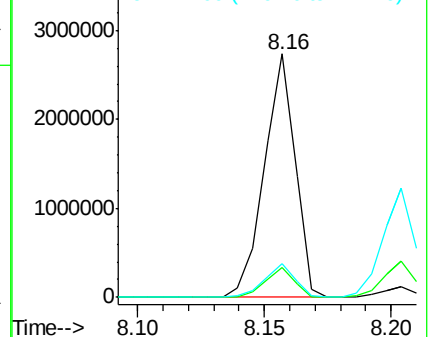
127 13.9 11.3 16.9



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: 39.367 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

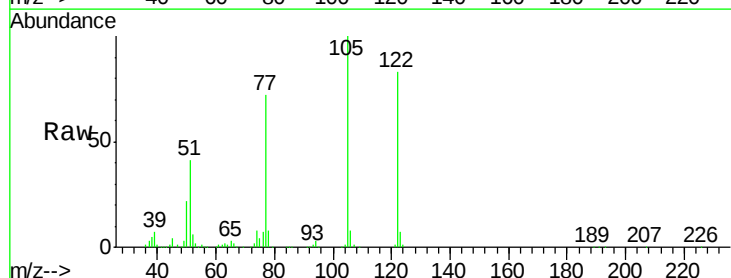
Tgt Ion:122 Resp: 466345

Ion Ratio Lower Upper

122 100

105 120.4 99.9 139.9

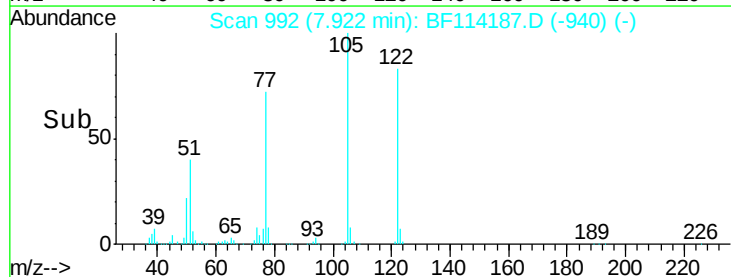
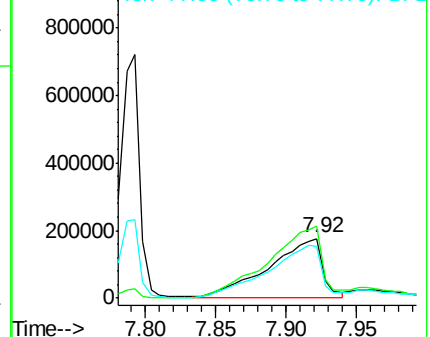
77 86.5 69.4 109.4



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

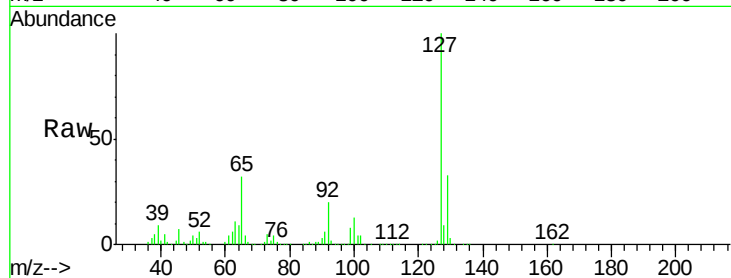




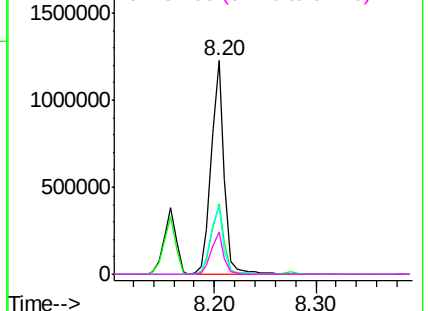
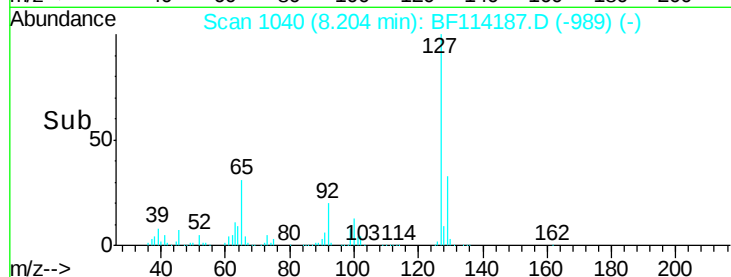
#33
4-Chloroaniline
Concen: 40.759 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127 Resp: 1083000
Ion Ratio Lower Upper
127 100
129 32.8 26.7 40.1
65 31.7 25.4 38.0
92 19.5 15.4 23.2

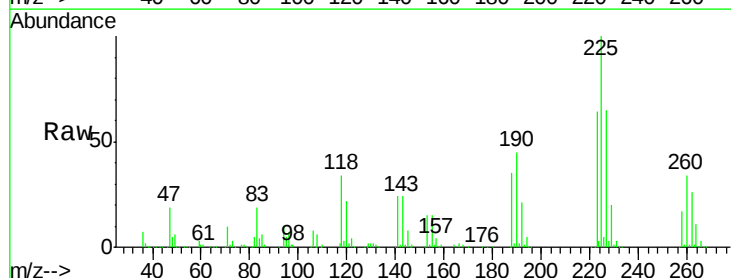


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

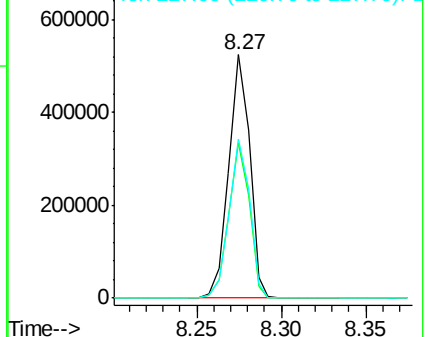
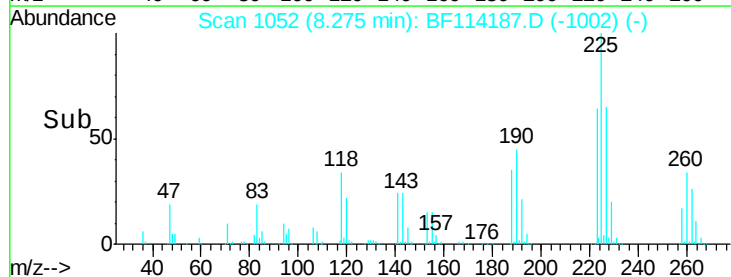


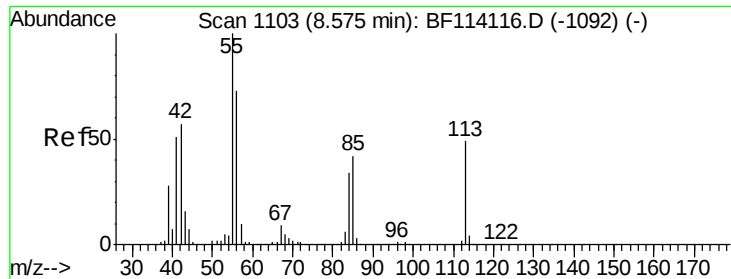
#34
Hexachlorobutadiene
Concen: 40.626 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:225 Resp: 451821
Ion Ratio Lower Upper
225 100
223 63.9 50.2 75.2
227 65.1 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

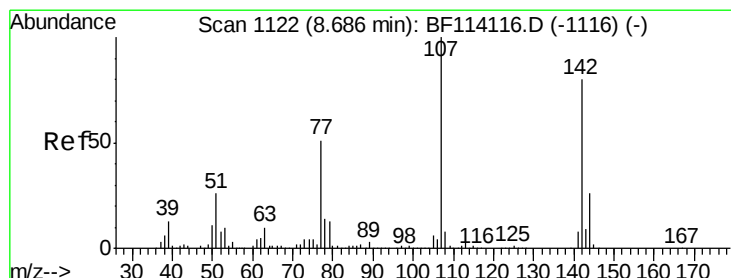
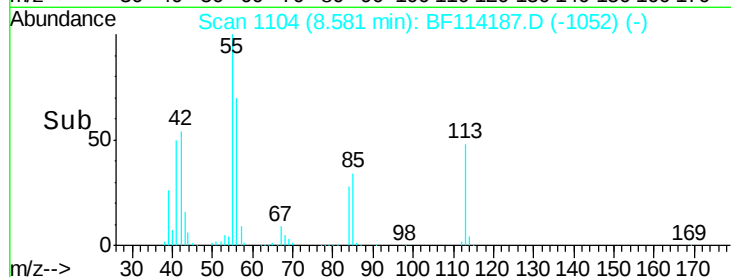
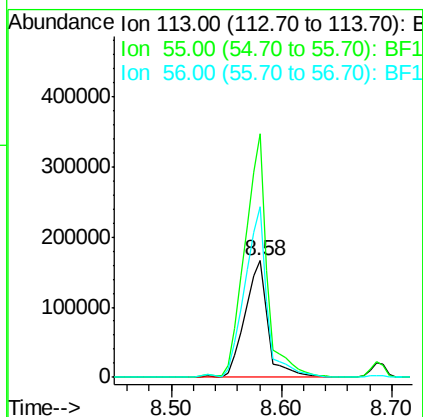
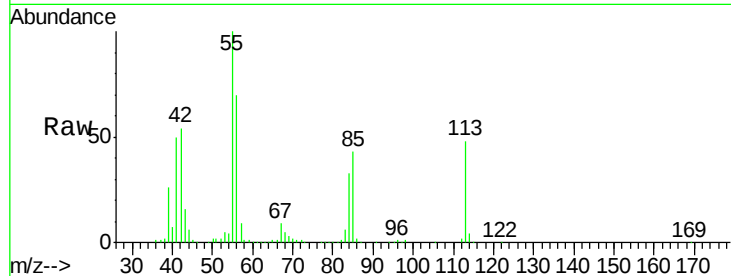




#35
Caprolactam
Concen: 43.390 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

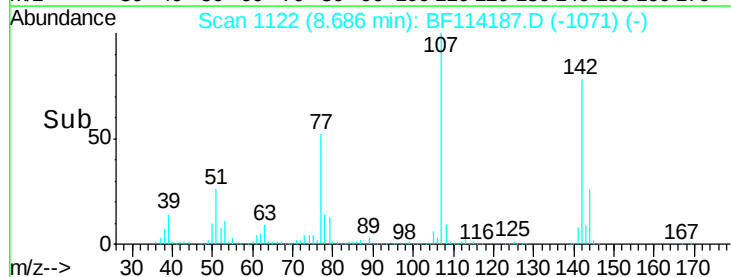
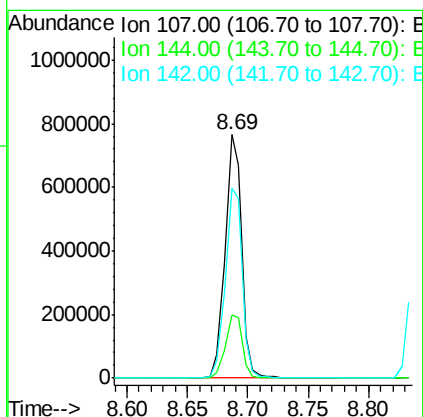
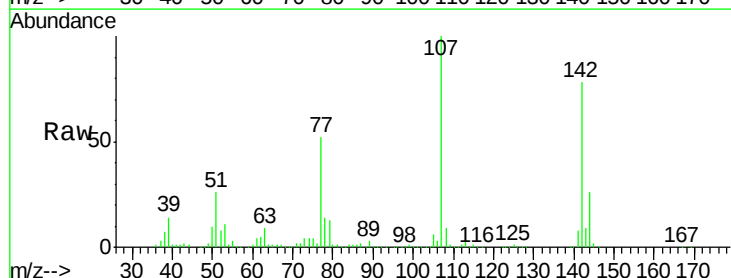
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

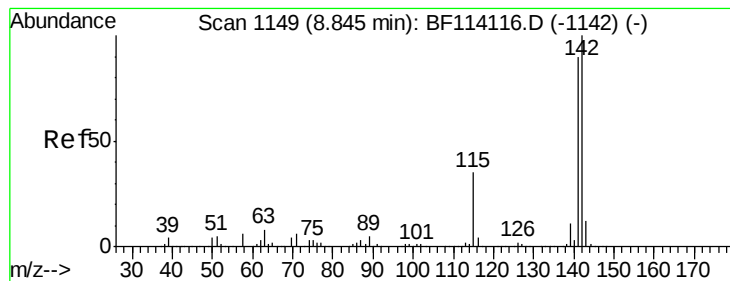
Tot Ion:113 Resp: 243200
Ion Ratio Lower Upper
113 100
55 208.8 183.5 223.5
56 146.4 128.8 168.8



#36
4-Chloro-3-methylphenol
Concen: 41.927 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:107 Resp: 725435
Ion Ratio Lower Upper
107 100
144 25.8 20.4 30.6
142 78.2 64.2 96.4





#37

2-Methylnaphthalene

Concen: 41.547 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

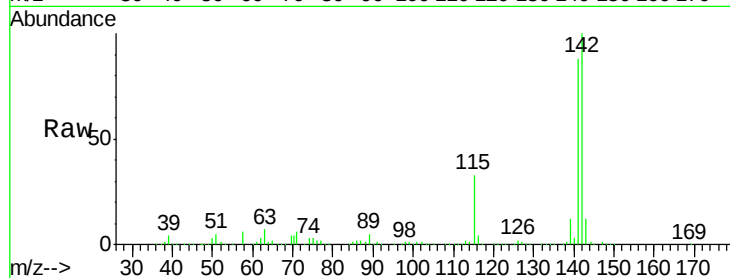
Tot Ion:142 Resp: 1563008

Ion Ratio Lower Upper

142 100

141 87.7 72.1 108.1

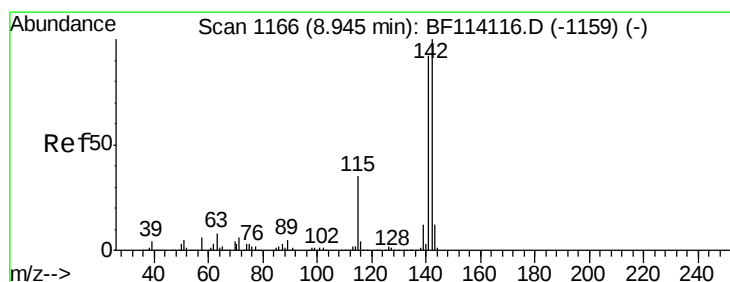
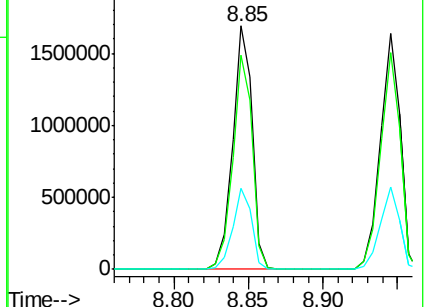
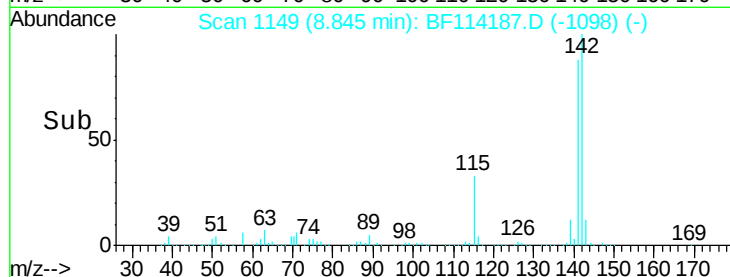
115 33.4 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.079 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

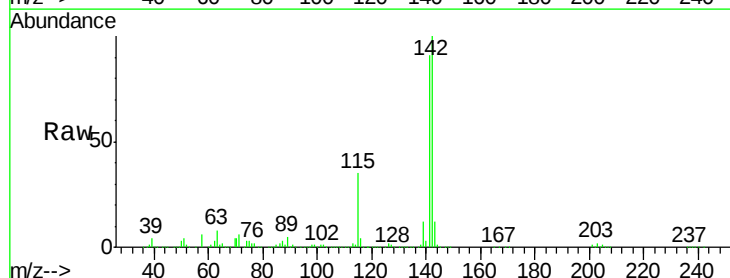
Tgt Ion:142 Resp: 1490747

Ion Ratio Lower Upper

142 100

141 91.5 73.4 110.0

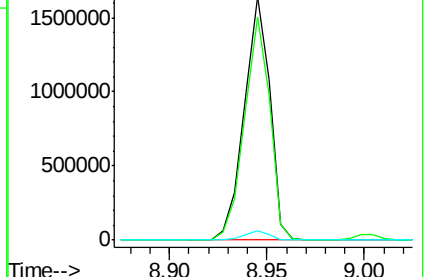
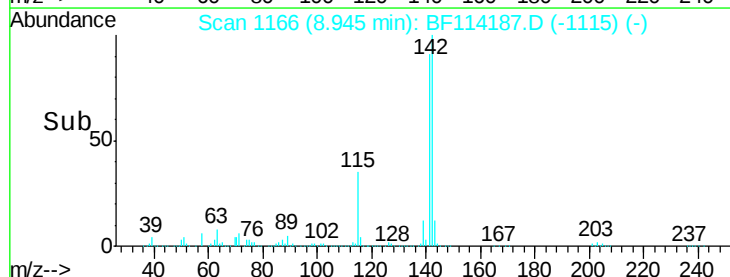
116 3.7 3.1 4.7

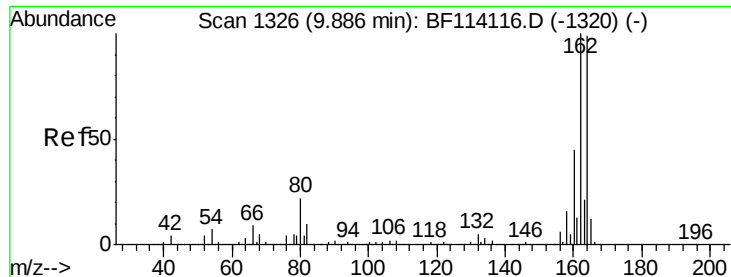


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

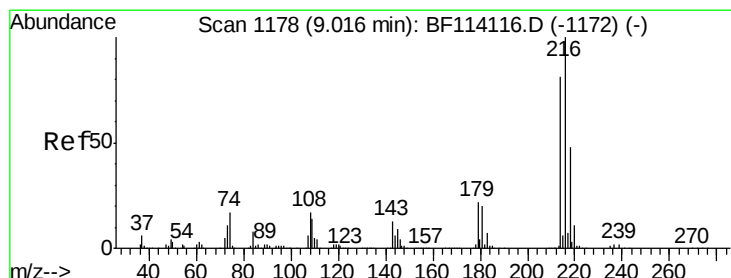
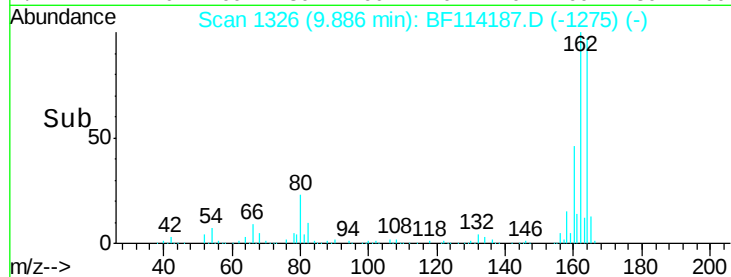
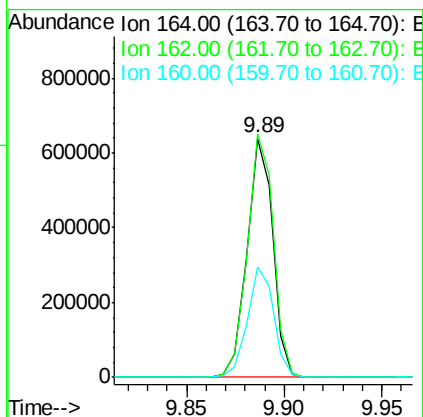
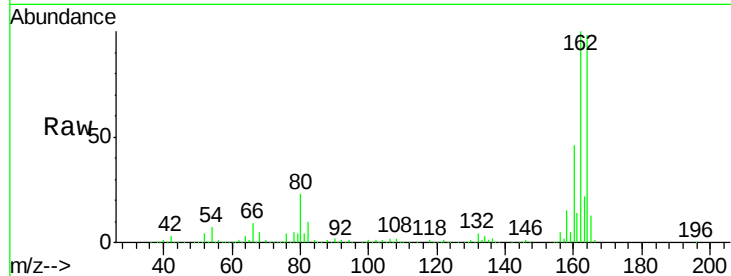




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

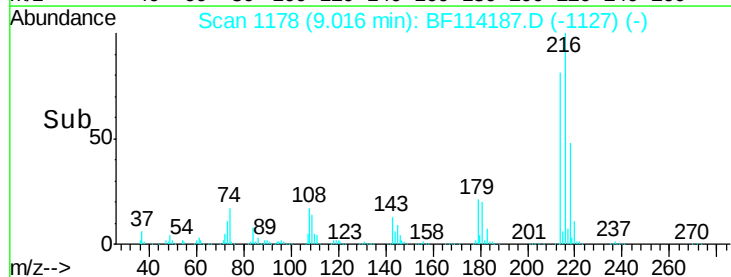
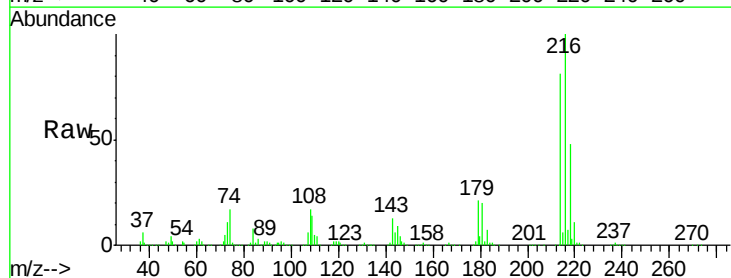
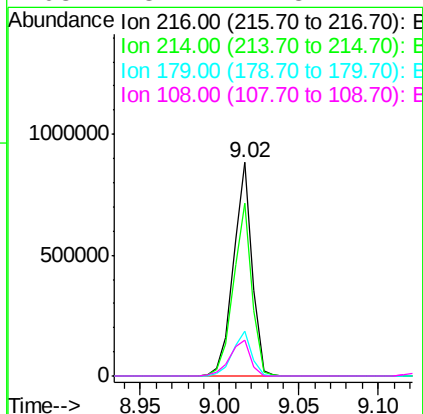
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

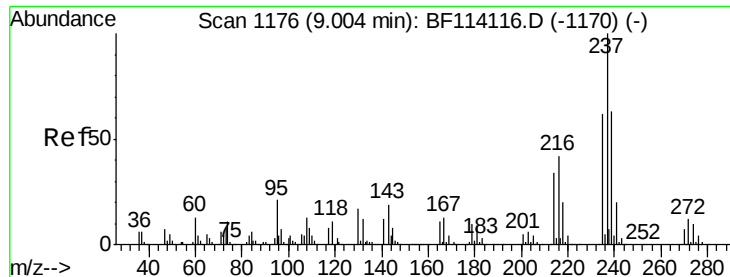
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	46.5	36.5	54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.485 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.9	95.9
179	21.2	17.0	25.6
108	18.7	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 35.570 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

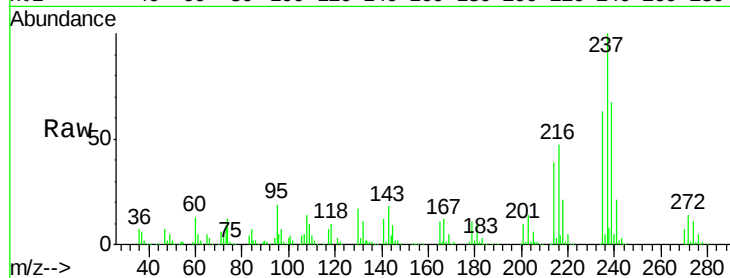
Tot Ion:237 Resp: 272025

Ion Ratio Lower Upper

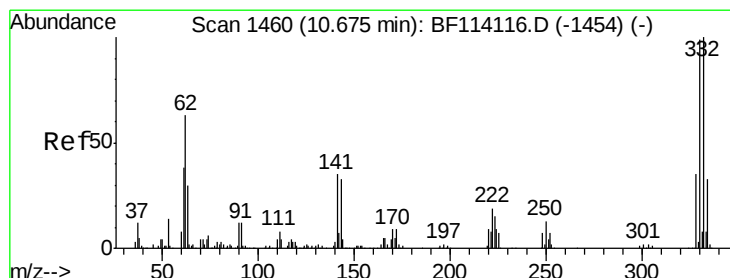
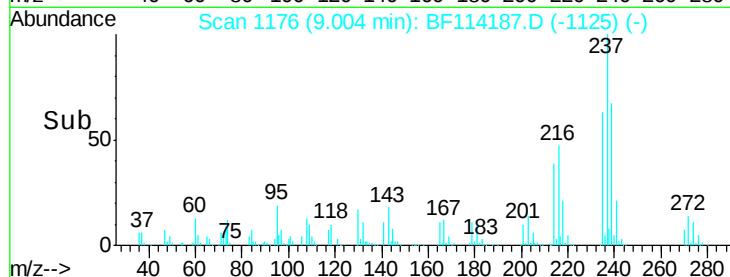
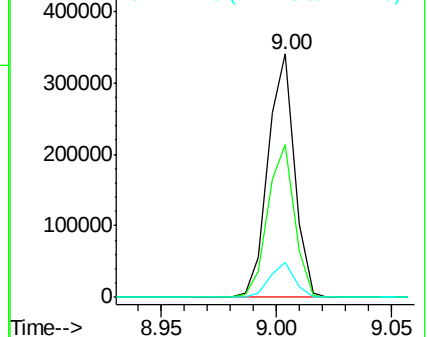
237 100

235 62.8 42.0 82.0

272 14.4 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: 78.259 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

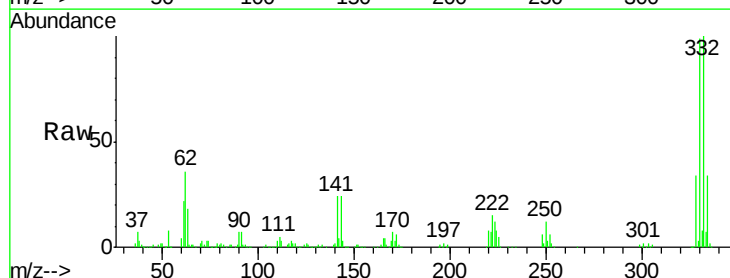
Tgt Ion:330 Resp: 472130

Ion Ratio Lower Upper

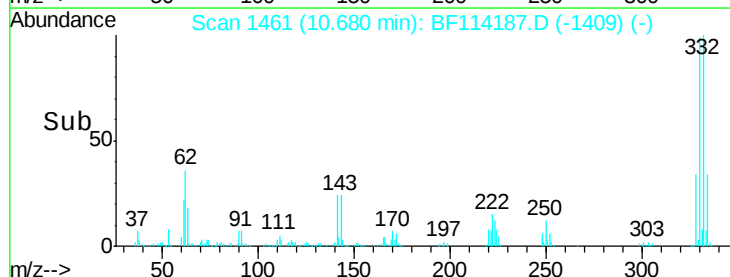
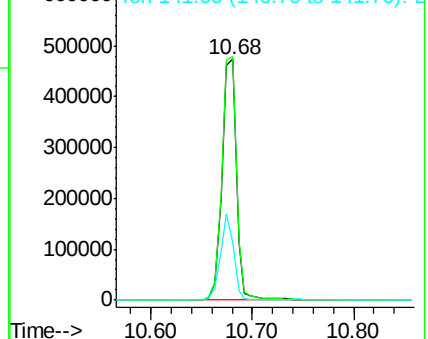
330 100

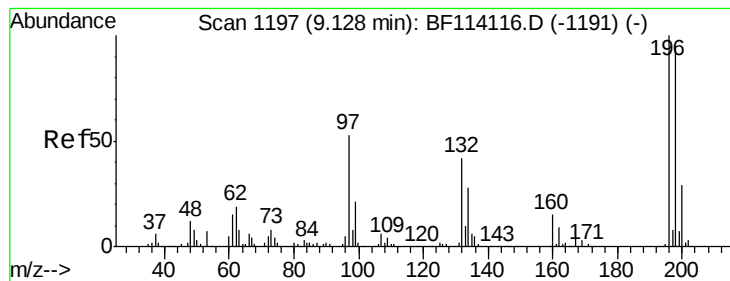
332 102.6 81.4 122.2

141 32.4 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: 40.959 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

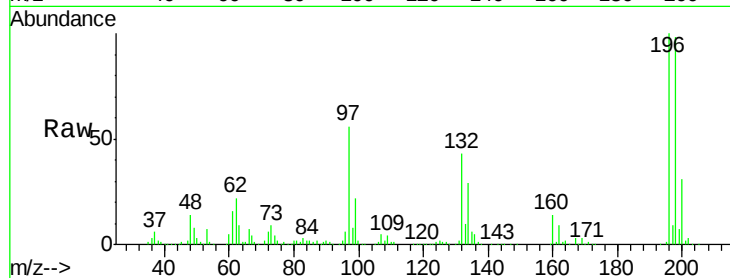
Tot Ion:196 Resp: 498009

Ion Ratio Lower Upper

196 100

198 98.2 75.9 113.9

200 31.1 23.5 35.3

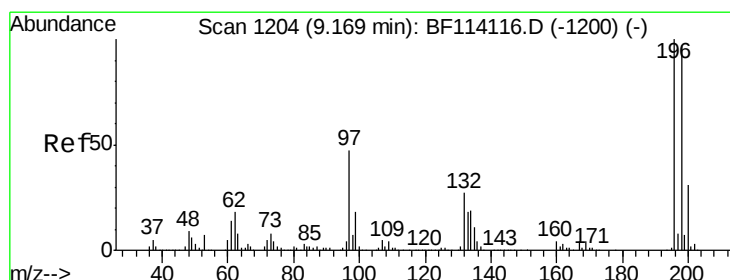
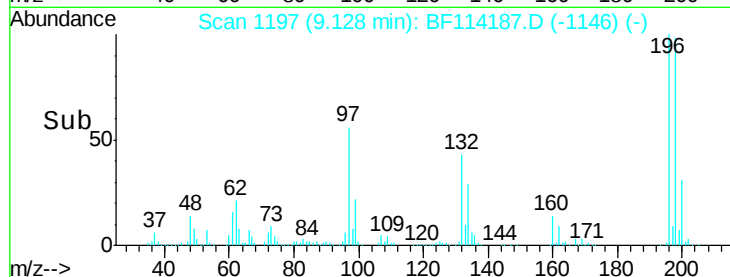
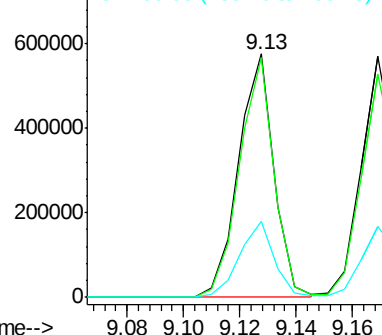


Abundance

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: 41.544 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Tgt Ion:196 Resp: 518022

Ion Ratio Lower Upper

196 100

198 92.8 77.7 116.5

97 51.3 38.2 57.2

132 28.6 21.4 32.2

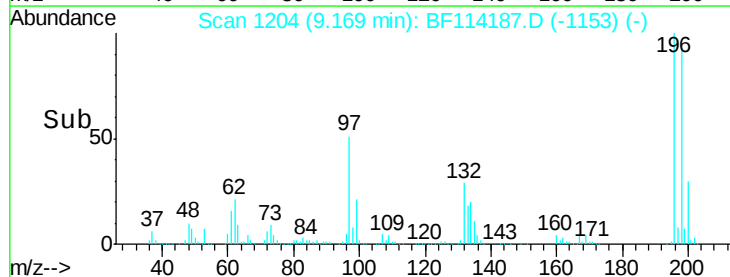
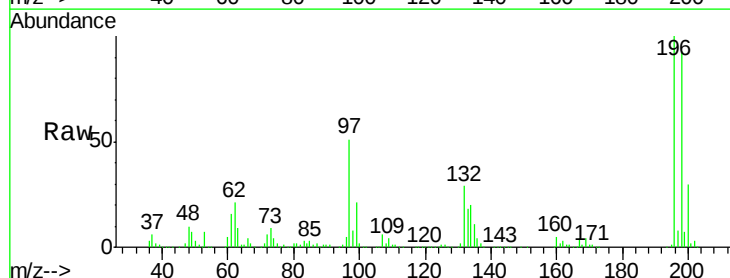
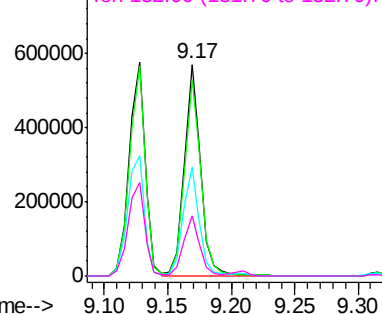
Abundance

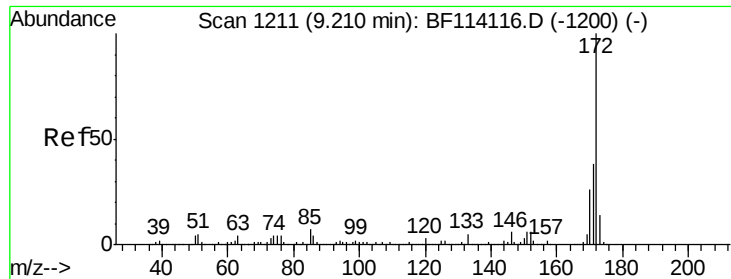
Ion 196.00 (195.70 to 196.70): E

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

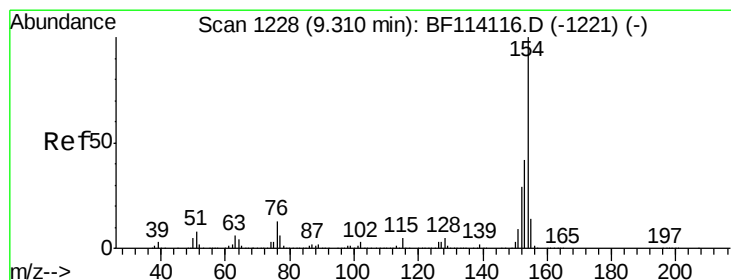
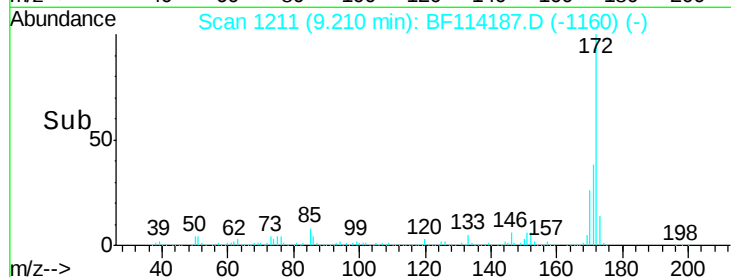
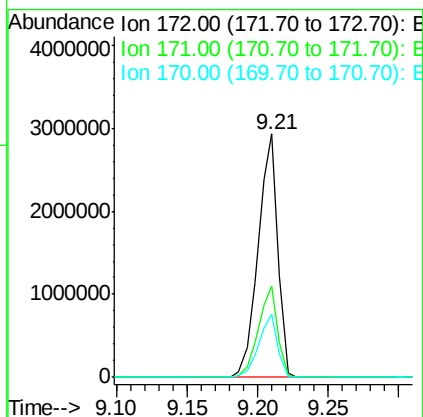
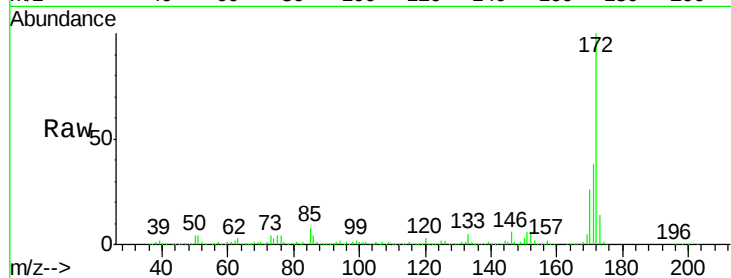




#45
2-Fluorobiphenyl
Concen: 74.705 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

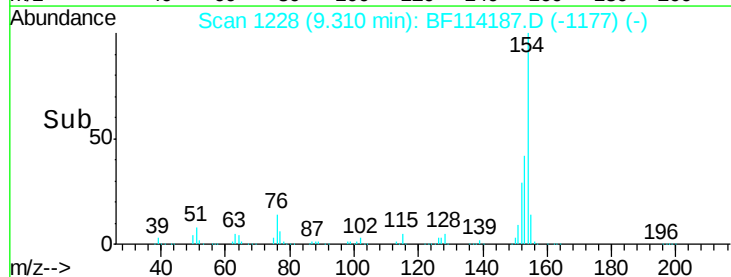
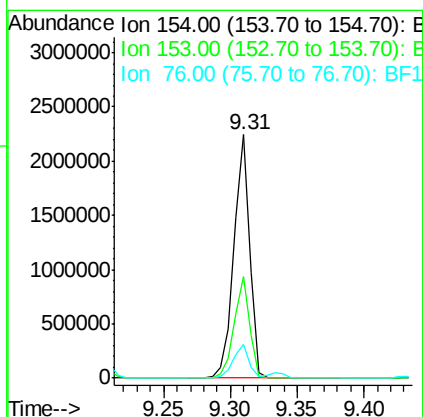
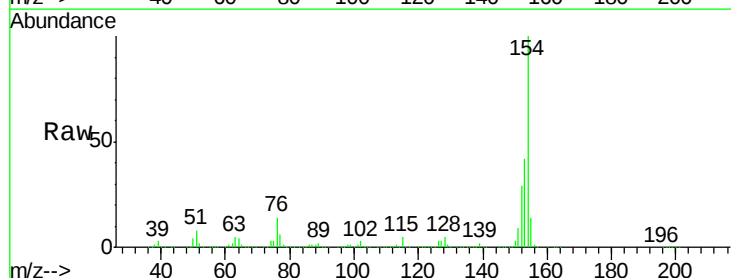
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

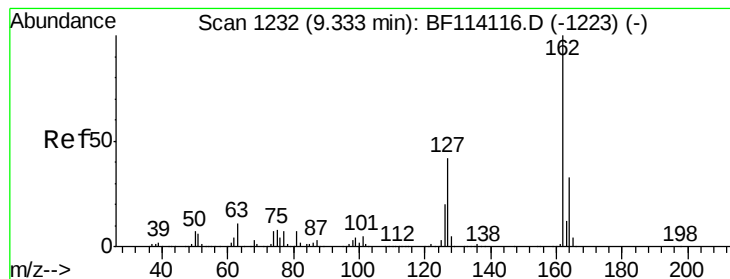
Tot Ion:172 Resp: 2881921
Ion Ratio Lower Upper
172 100
171 37.7 30.7 46.1
170 25.7 20.5 30.7



#46
1,1'-Biphenyl
Concen: 39.827 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:154 Resp: 1877570
Ion Ratio Lower Upper
154 100
153 41.6 21.9 61.9
76 13.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.663 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

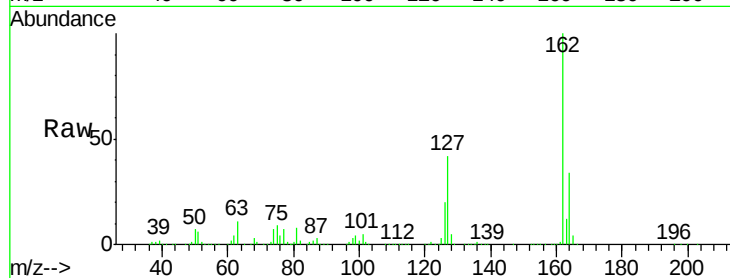
Tot Ion:162 Resp: 1504820

Ion Ratio Lower Upper

162 100

127 42.5 34.0 51.0

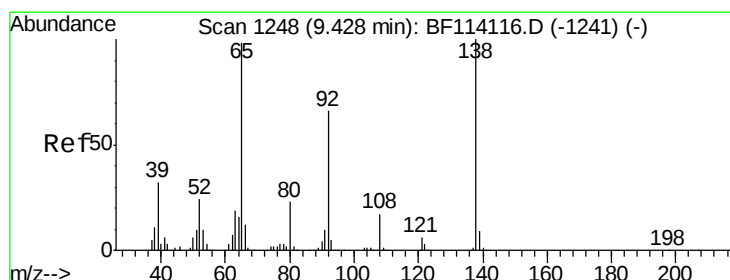
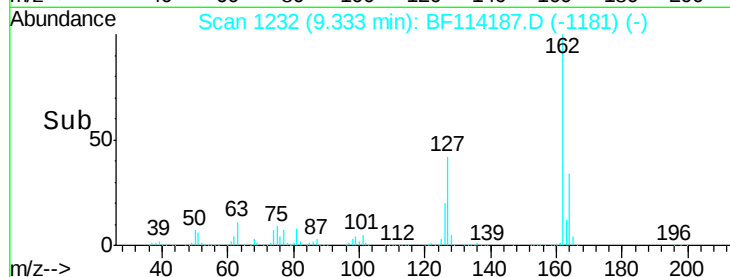
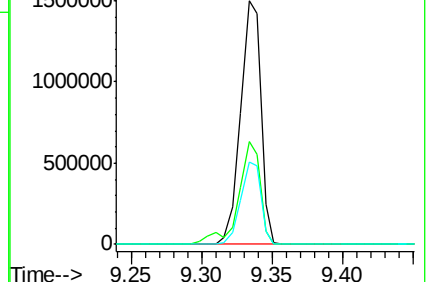
164 33.9 26.7 40.1



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: 41.003 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

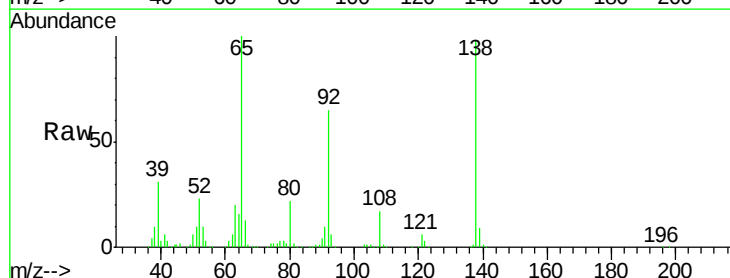
Tgt Ion: 65 Resp: 551717

Ion Ratio Lower Upper

65 100

92 64.7 53.9 80.9

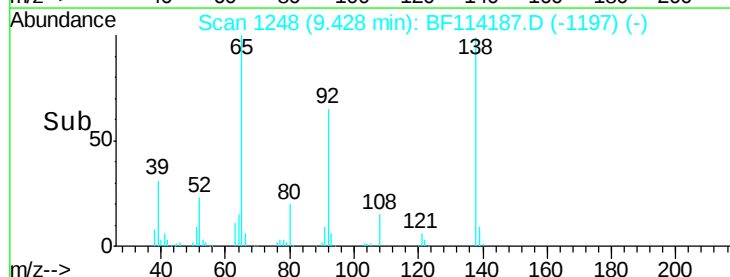
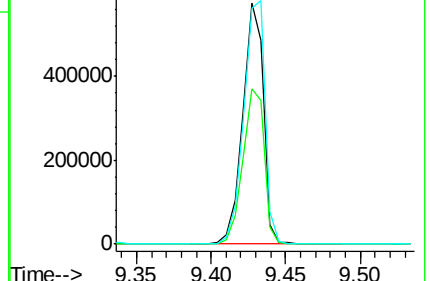
138 98.0 81.4 122.0

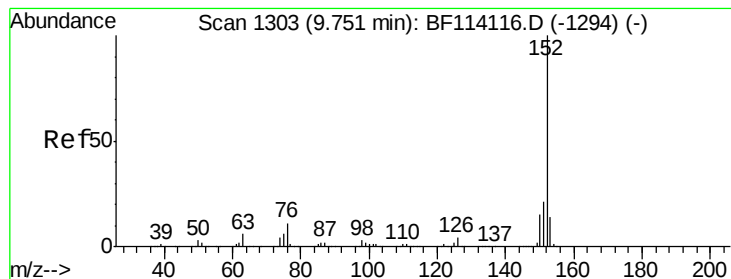


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.720 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

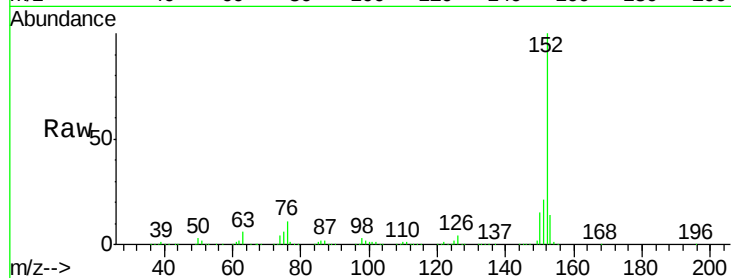
Tot Ion:152 Resp: 2292017

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

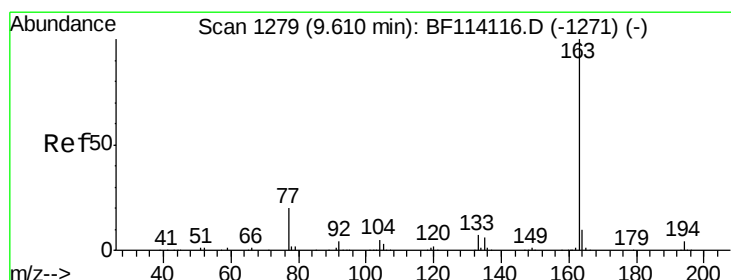
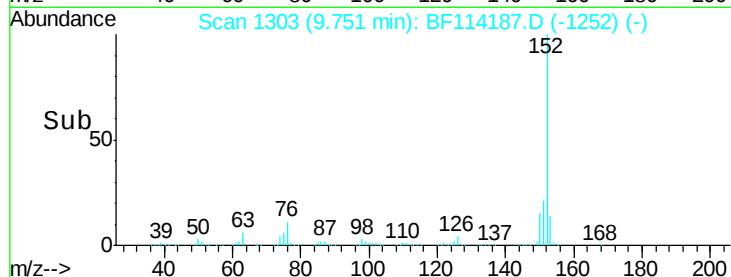
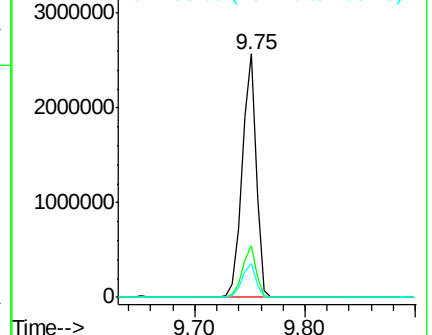
153 14.1 11.4 17.2



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: 40.944 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

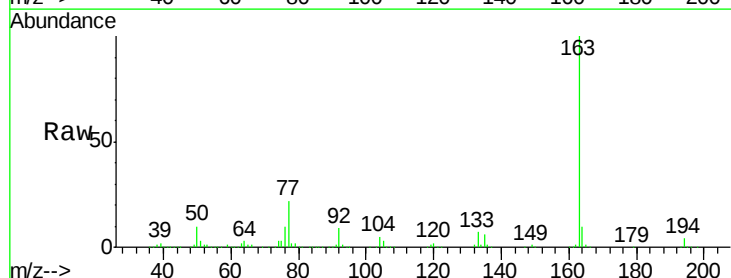
Tgt Ion:163 Resp: 1753975

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

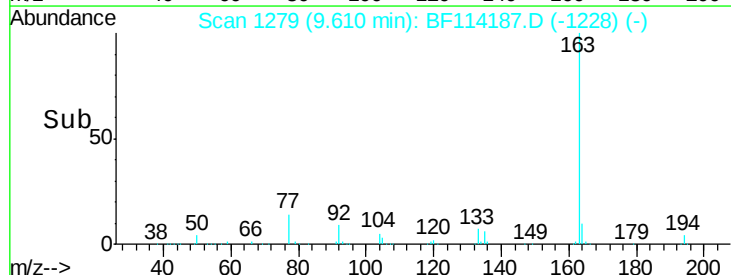
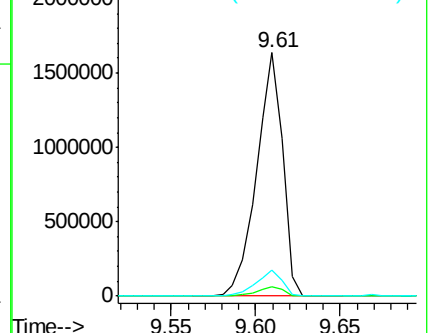
164 10.5 8.2 12.2



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

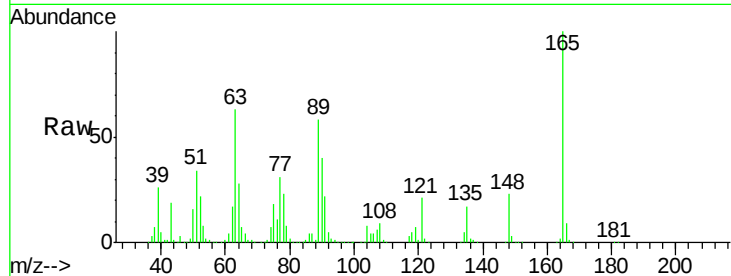




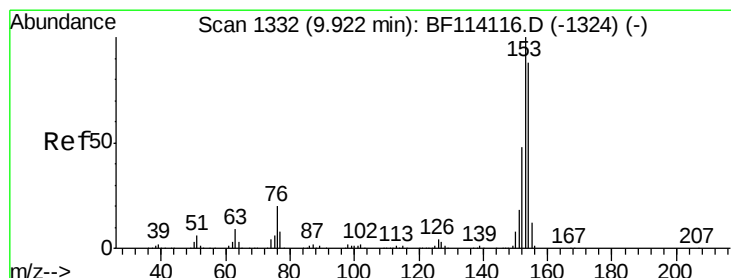
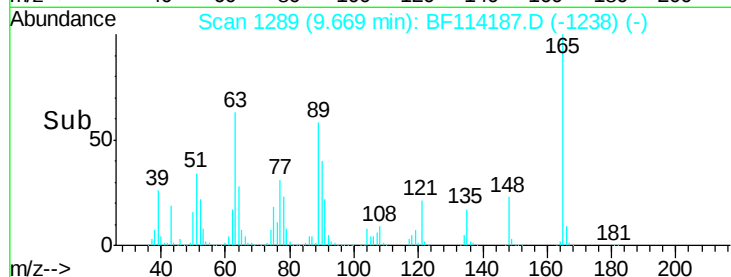
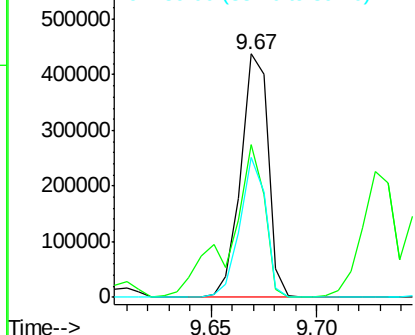
#51
2,6-Dinitrotoluene
Concen: 41.458 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 393914
Ion Ratio Lower Upper
165 100
63 62.5 50.2 75.4
89 57.5 46.6 69.8

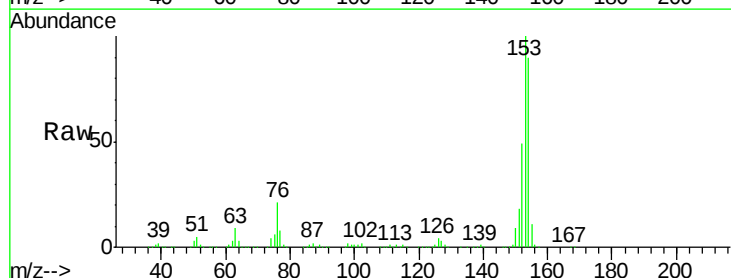


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

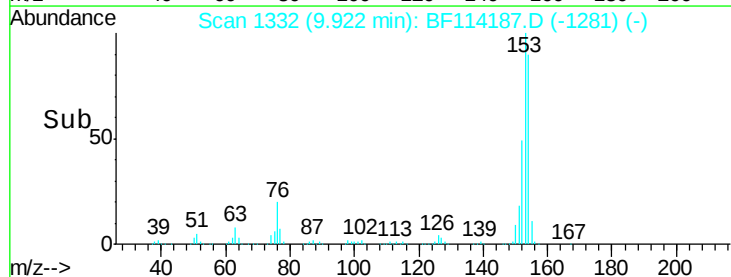
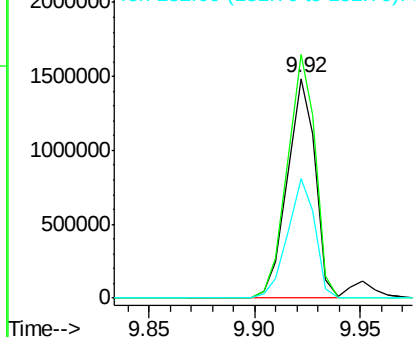


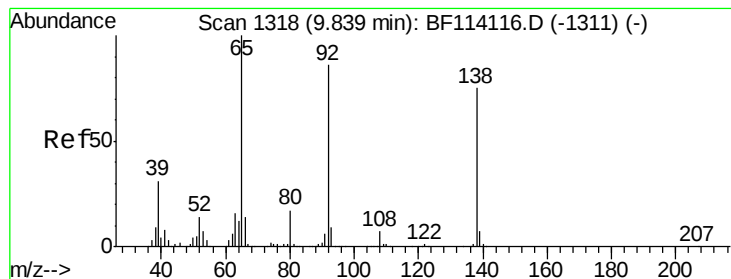
#52
Acenaphthene
Concen: 38.869 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:154 Resp: 1376347
Ion Ratio Lower Upper
154 100
153 111.0 90.5 135.7
152 54.4 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.022 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

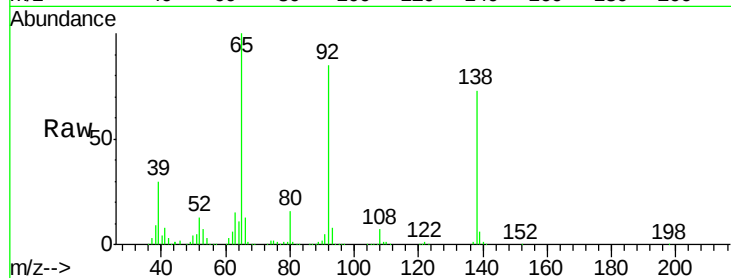
Tot Ion:138 Resp: 483838

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.6

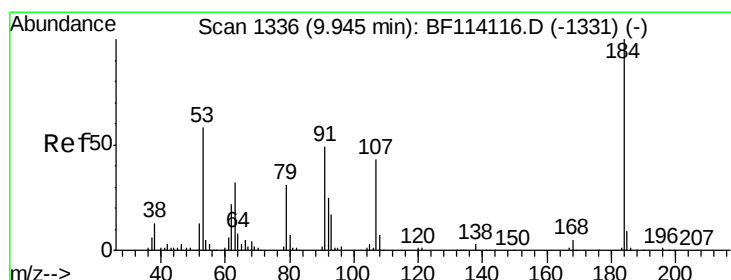
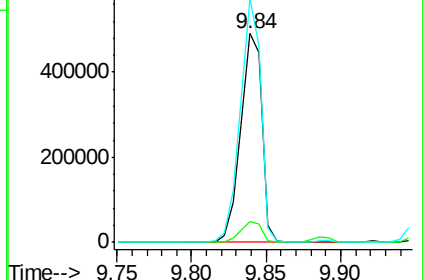
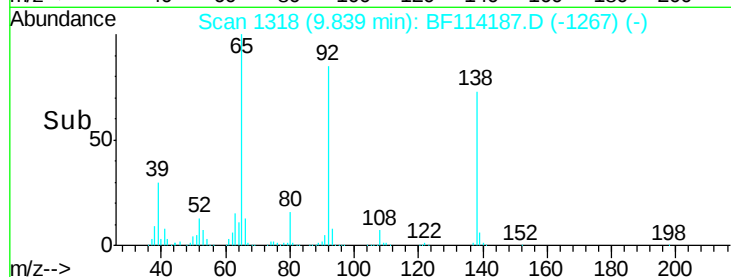
92 116.8 91.2 136.8



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: 40.367 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

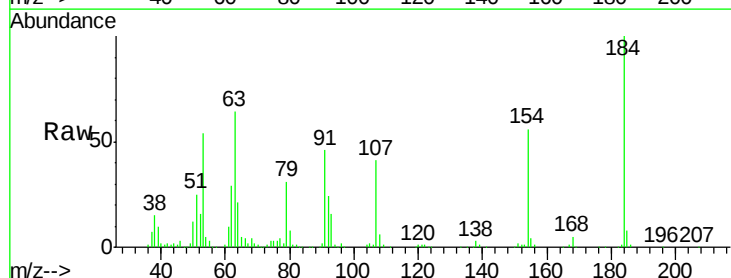
Tgt Ion:184 Resp: 175423

Ion Ratio Lower Upper

184 100

63 64.1 55.6 83.4

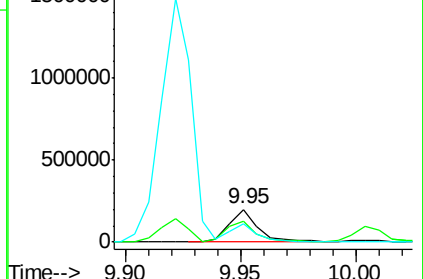
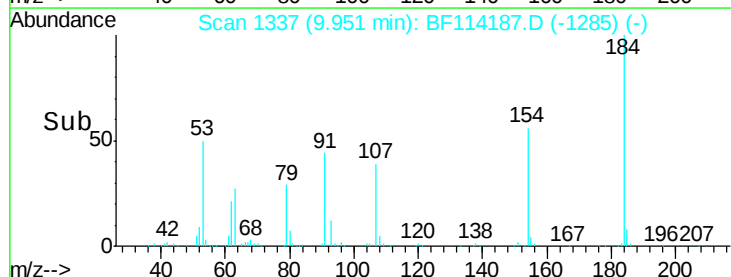
154 56.4 46.0 69.0

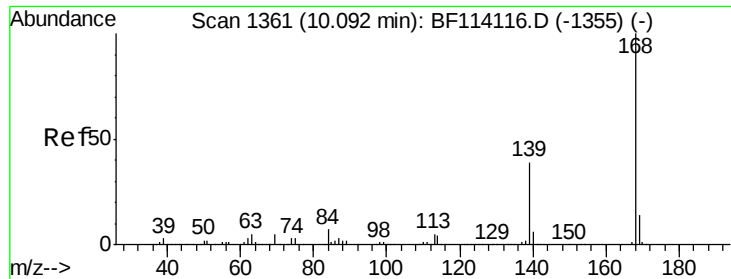


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

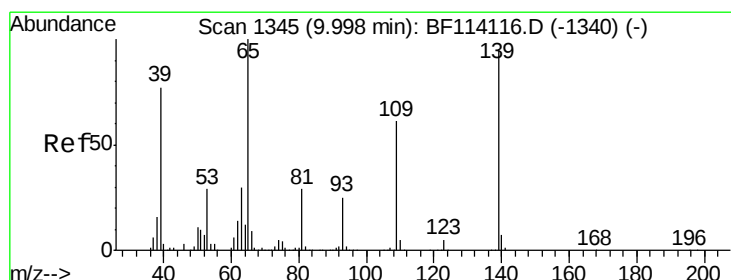
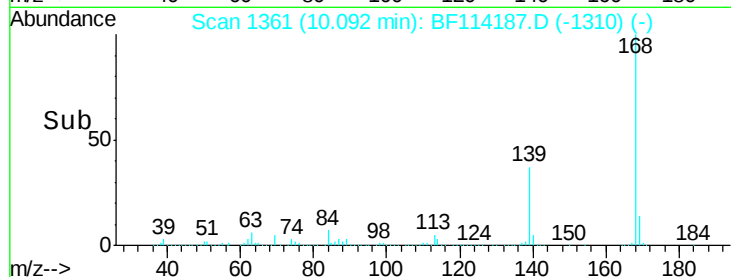
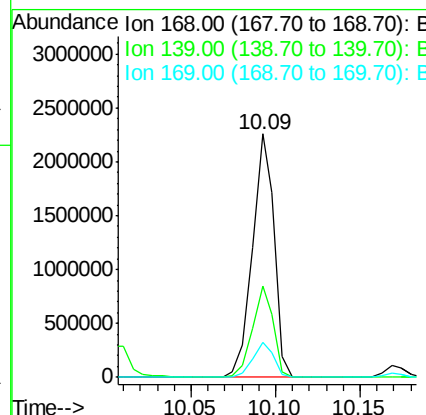
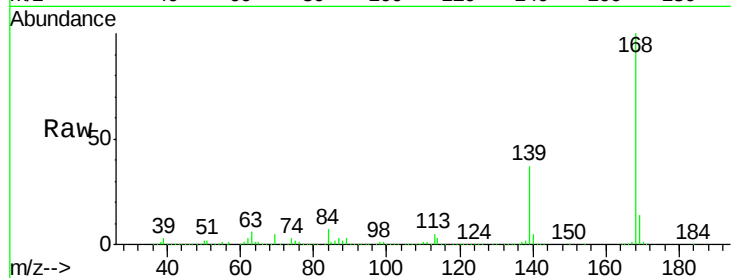




#55
Dibenzofuran
Concen: 39.027 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

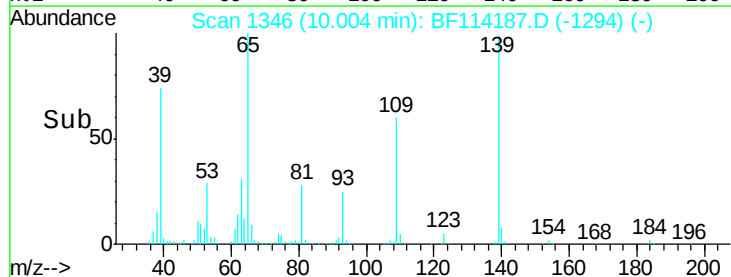
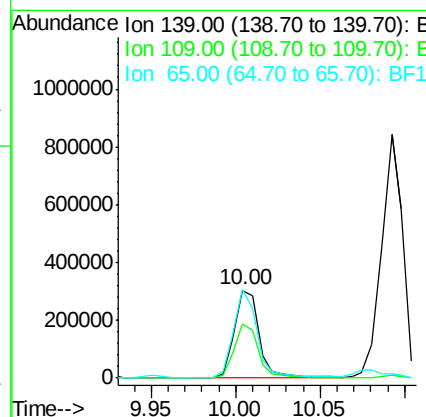
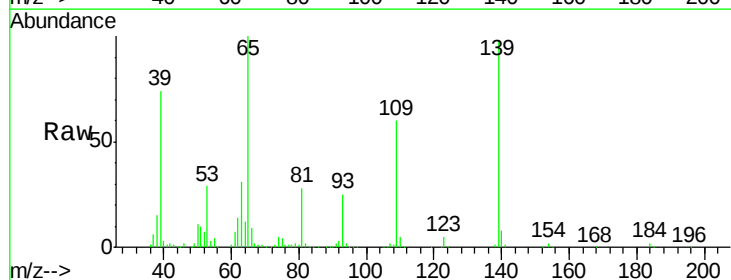
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

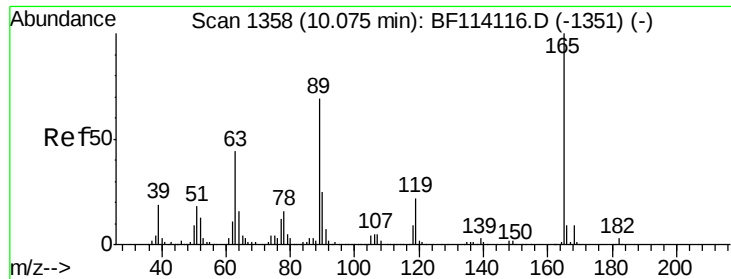
Tot Ion:168 Resp: 2026429
Ion Ratio Lower Upper
168 100
139 37.3 31.1 46.7
169 14.2 11.4 17.0



#56
4-Nitrophenol
Concen: 37.478 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:139 Resp: 312607
Ion Ratio Lower Upper
139 100
109 61.3 43.9 83.9
65 101.6 85.7 125.7

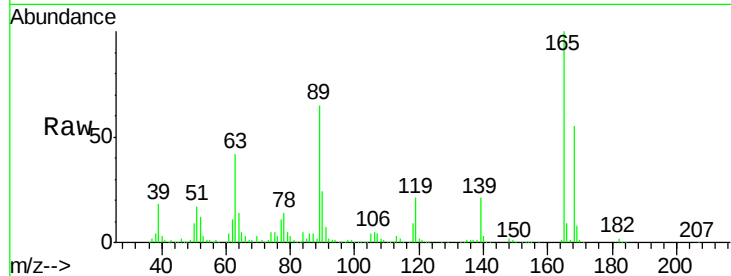




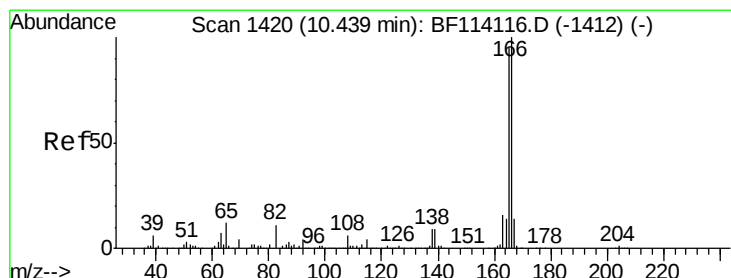
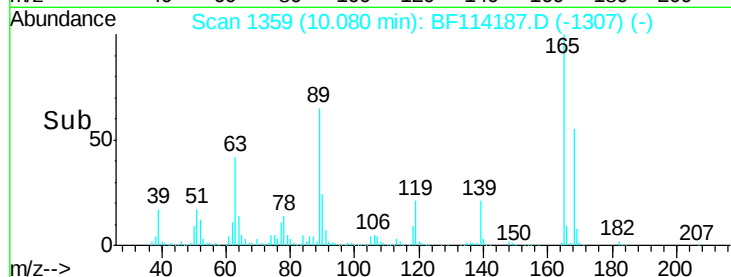
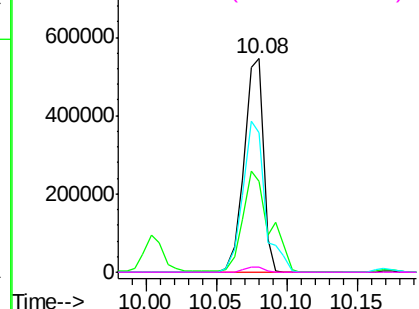
#57
2,4-Dinitrotoluene
Concen: 40.404 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 521064
Ion Ratio Lower Upper
165 100
63 42.5 35.5 53.3
89 65.2 55.2 82.8
182 2.4 2.2 3.2

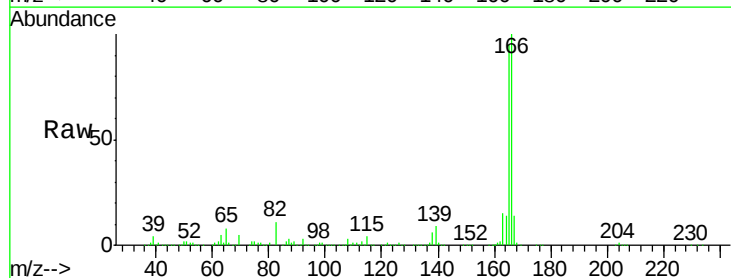


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

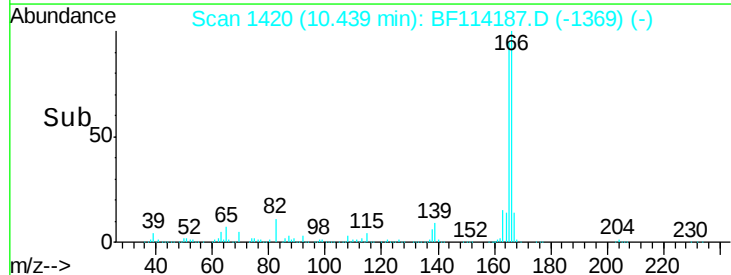
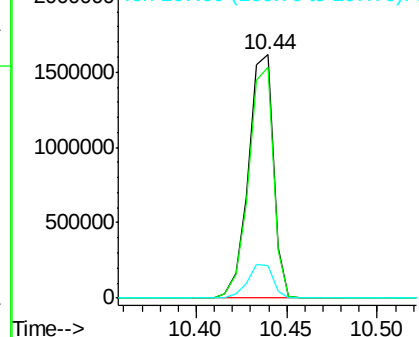


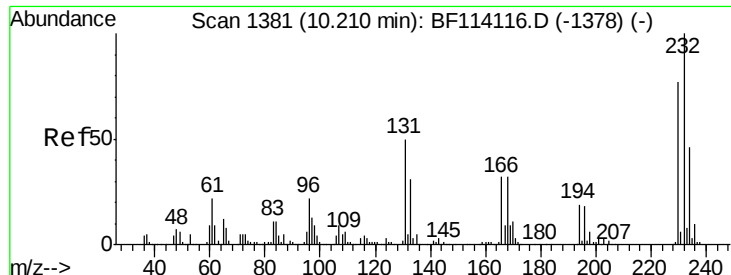
#58
Fluorene
Concen: 38.577 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:166 Resp: 1547170
Ion Ratio Lower Upper
166 100
165 94.6 76.1 114.1
167 13.5 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

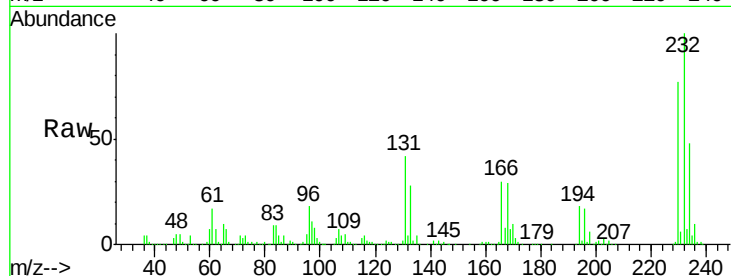




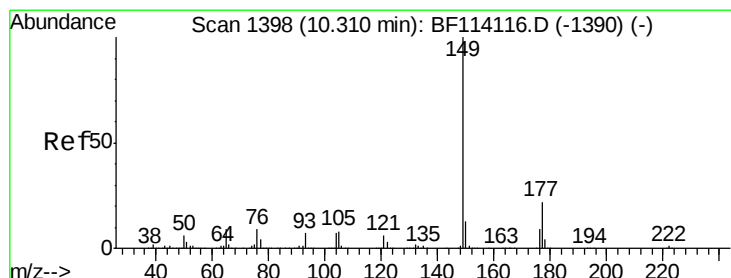
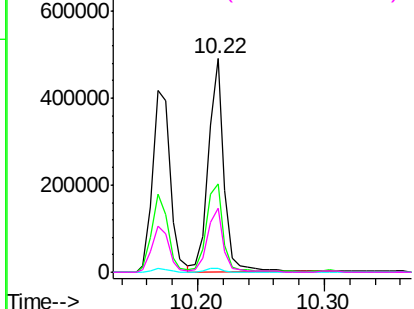
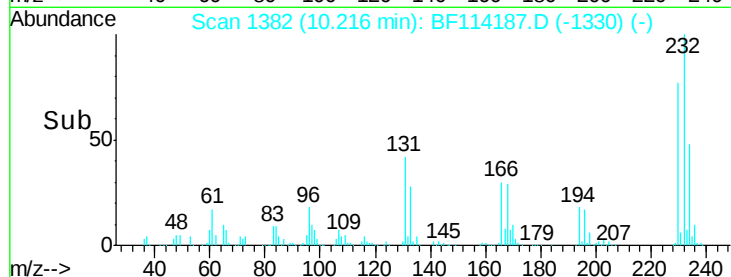
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.374 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.6	53.4
130	2.0	1.6	2.4
166	30.2	24.1	36.1

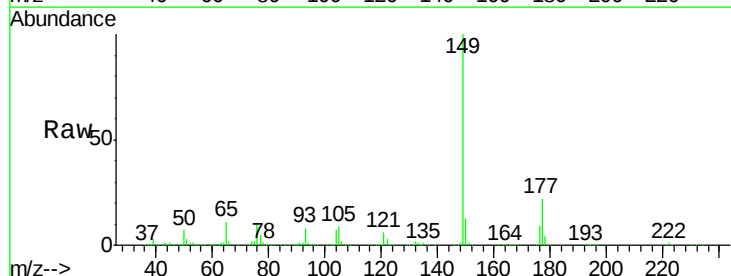


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

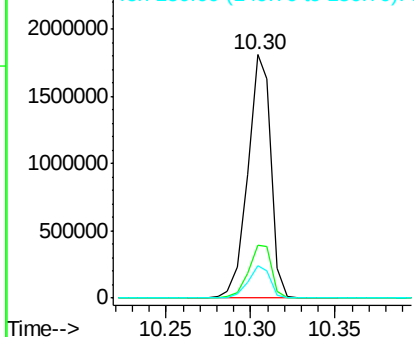
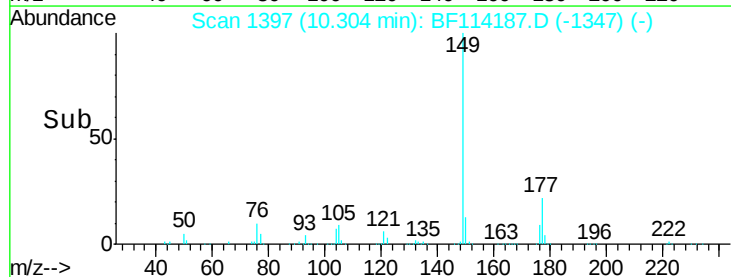


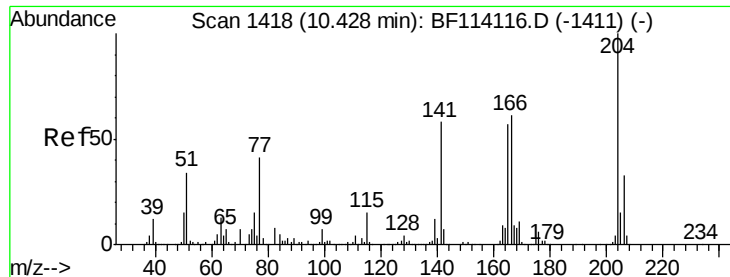
#60
 Diethylphthalate
 Concen: 39.651 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.8	26.6
150	13.1	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

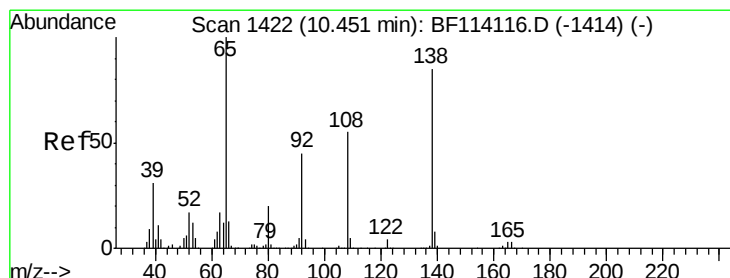
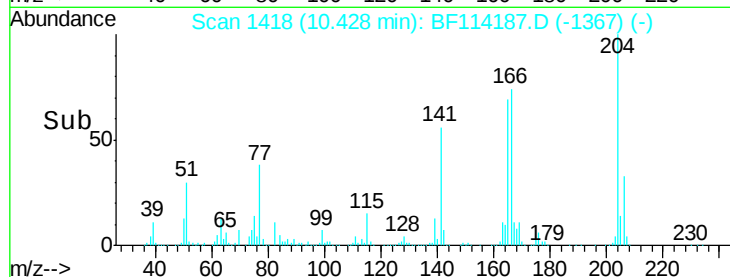
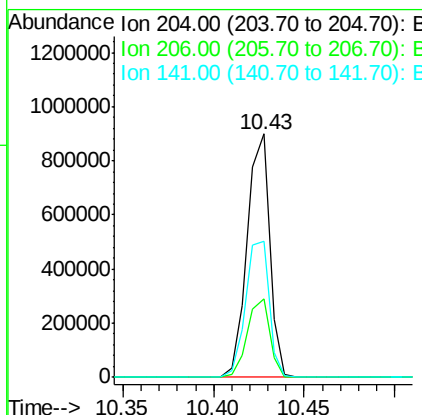
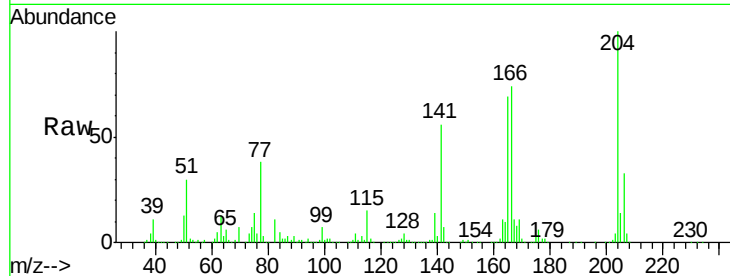




#61
 4-Chlorophenyl-phenylether
 Concen: 39.616 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

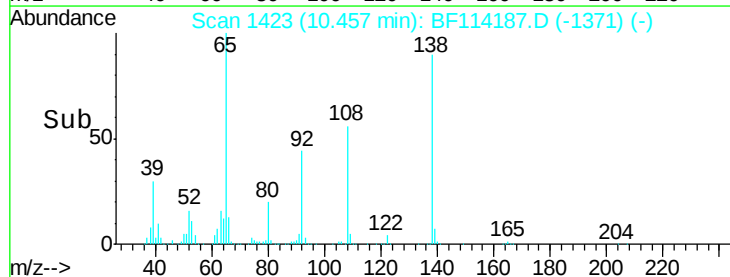
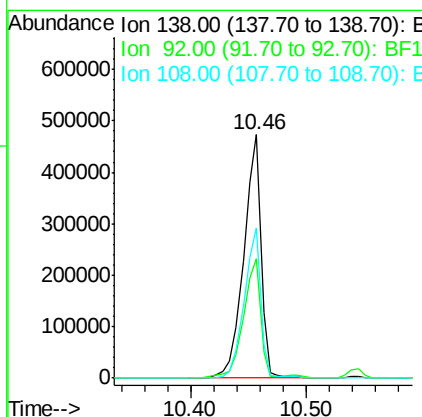
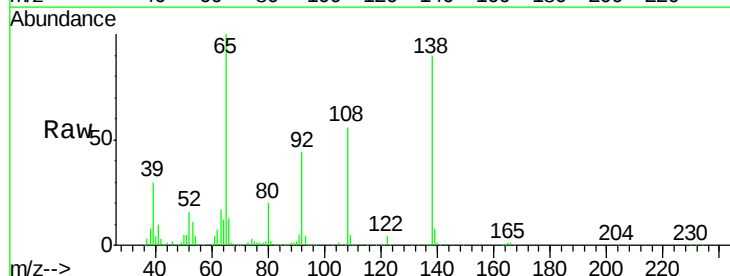
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

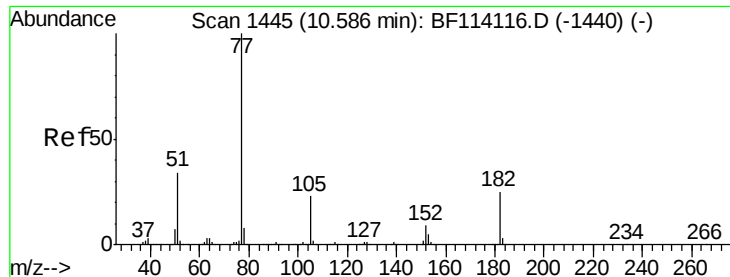
Tot Ion:204 Resp: 780368
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.6 39.8
 141 55.7 46.4 69.6



#62
 4-Nitroaniline
 Concen: 39.714 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

Tgt Ion:138 Resp: 492213
 Ion Ratio Lower Upper
 138 100
 92 48.9 33.0 73.0
 108 61.9 44.9 84.9





#63

Azobenzene

Concen: 39.800 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1676827

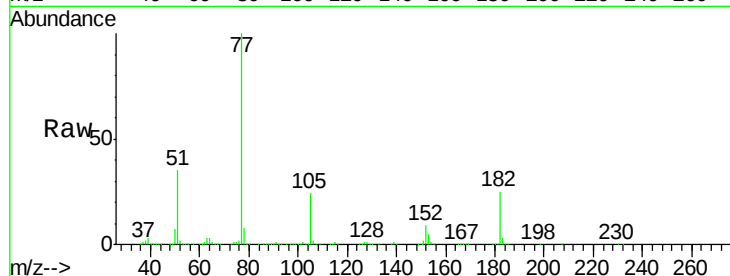
Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.7	44.7
105	23.5	2.9	42.9
51	34.6	14.6	54.6

77 100

182 25.1 4.7 44.7

105 23.5 2.9 42.9

51 34.6 14.6 54.6



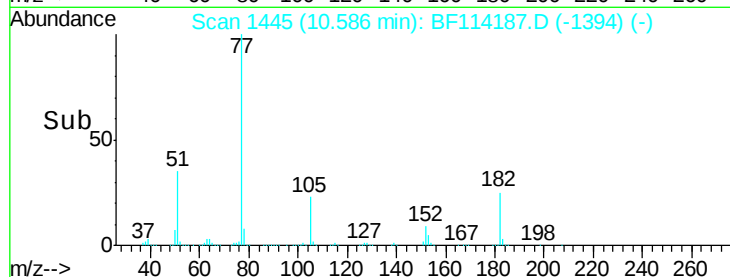
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

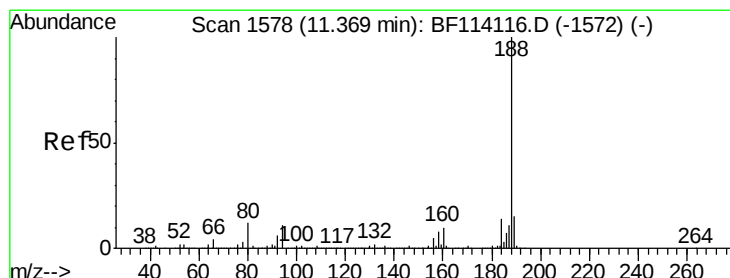
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

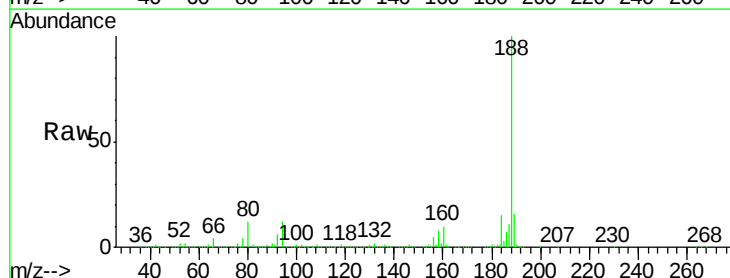
Tgt Ion: 188 Resp: 1140002

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.4	12.6
80	11.8	9.2	13.8

188 100

94 11.7 8.4 12.6

80 11.8 9.2 13.8

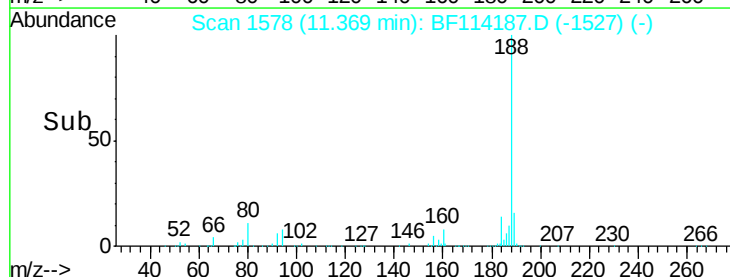


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



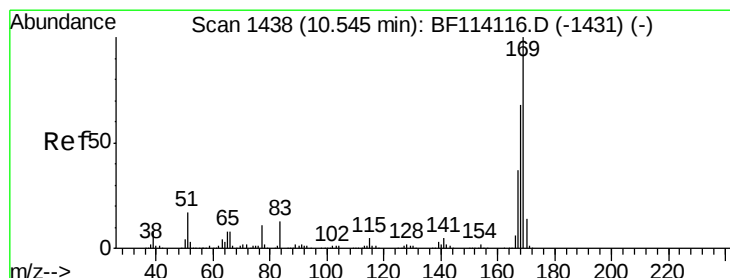
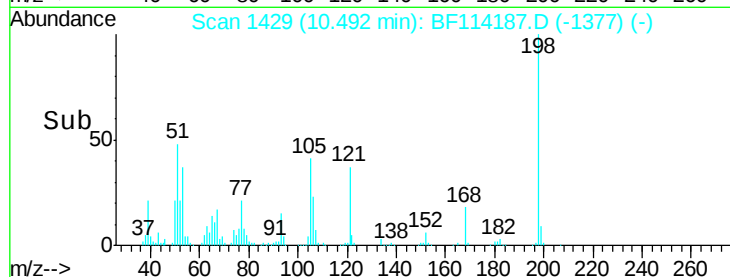
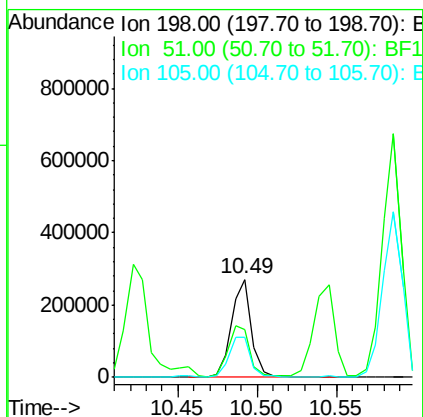
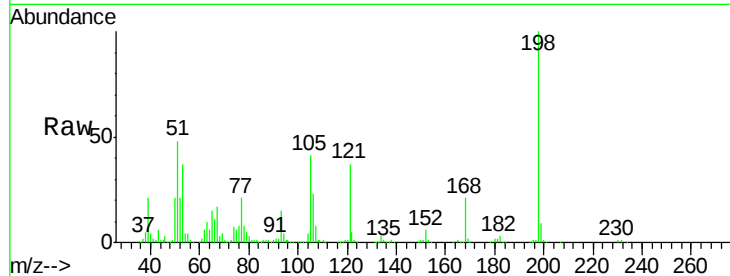
Time-->



#65
4,6-Dinitro-2-methylphenol
Concen: 43.627 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

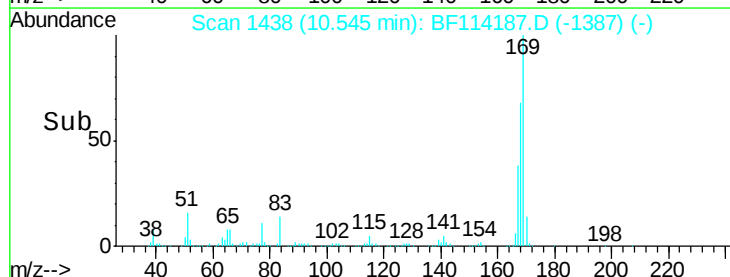
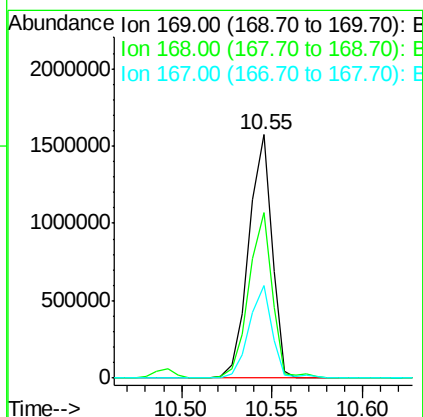
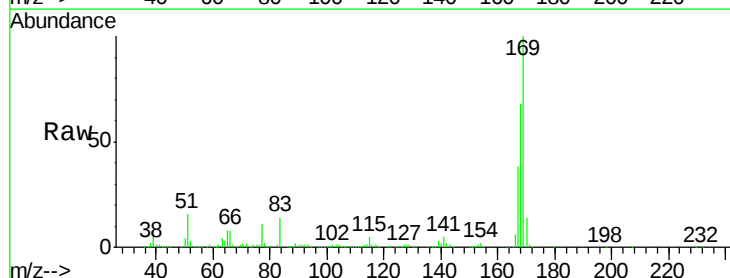
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

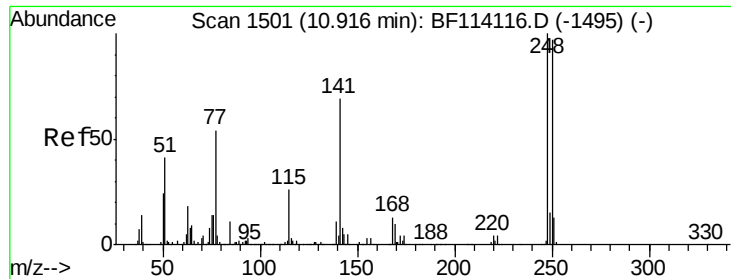
Tot Ion:198 Resp: 238984
Ion Ratio Lower Upper
198 100
51 48.5 28.0 68.0
105 41.0 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 40.653 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:169 Resp: 1406553
Ion Ratio Lower Upper
169 100
168 68.0 54.2 81.2
167 37.8 29.8 44.8

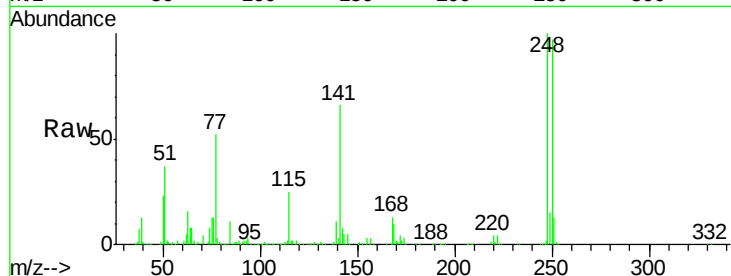




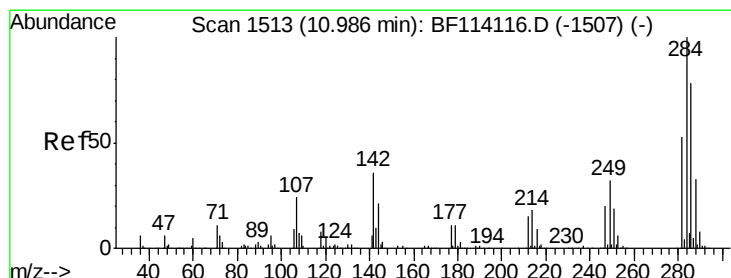
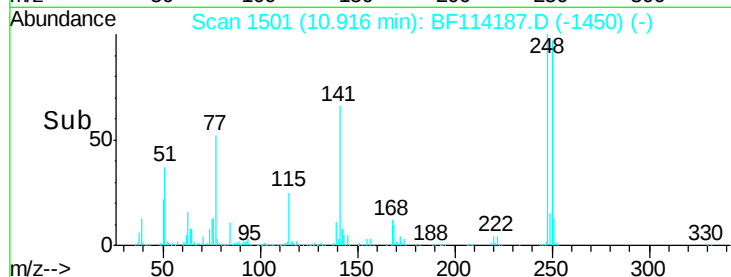
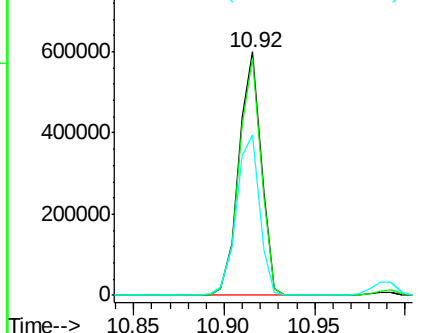
#67
4-Bromophenyl-phenylether
Concen: 41.081 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 515643
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.2
141 65.9 55.6 83.4

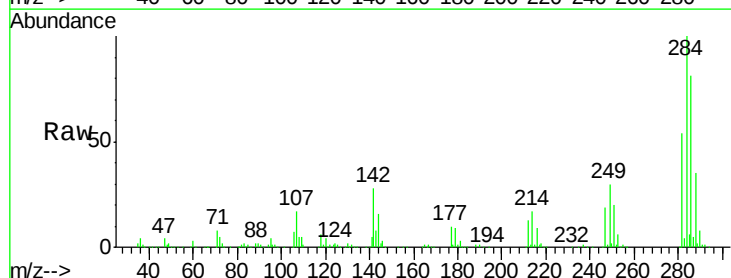


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

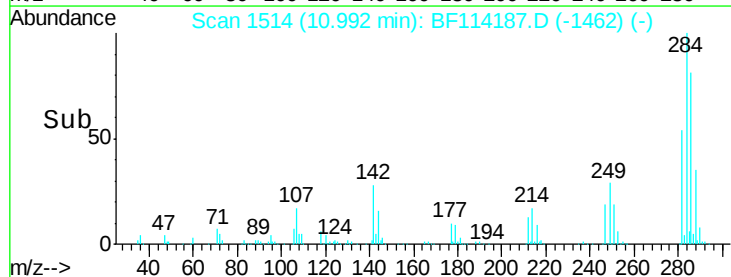
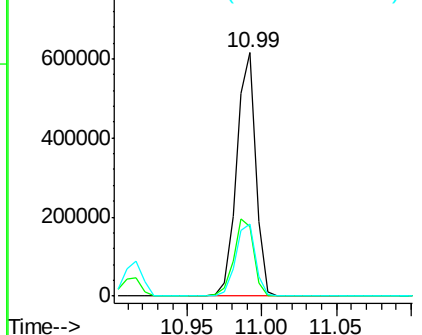


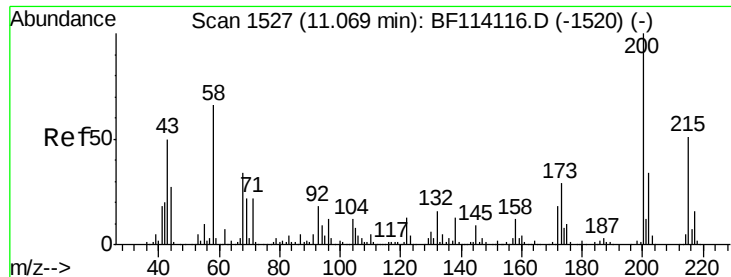
#68
Hexachlorobenzene
Concen: 40.074 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:284 Resp: 556453
Ion Ratio Lower Upper
284 100
142 28.4 28.4 42.6
249 29.7 25.2 37.8



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

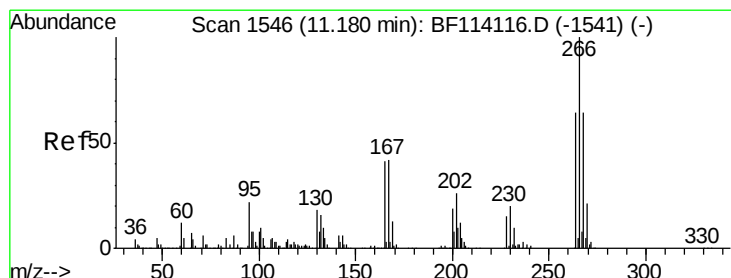
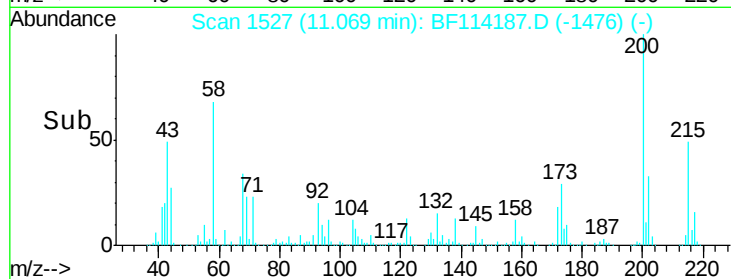
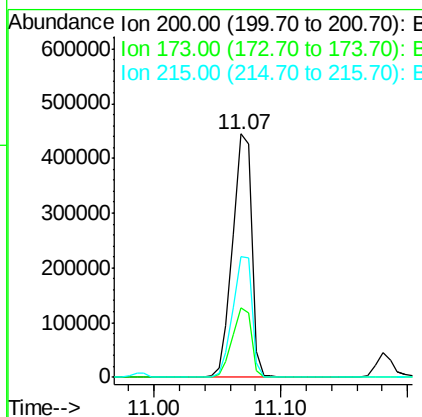
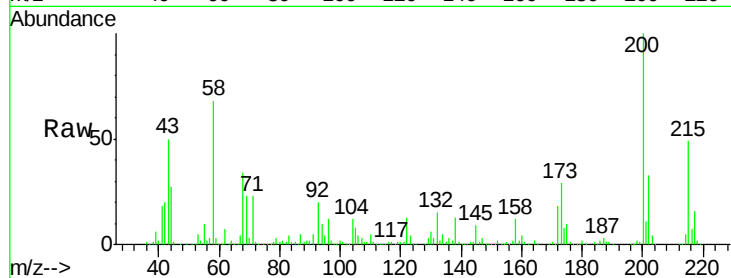




#69
 Atrazine
 Concen: 42.800 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

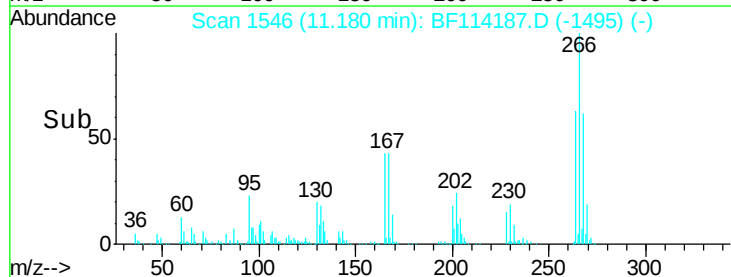
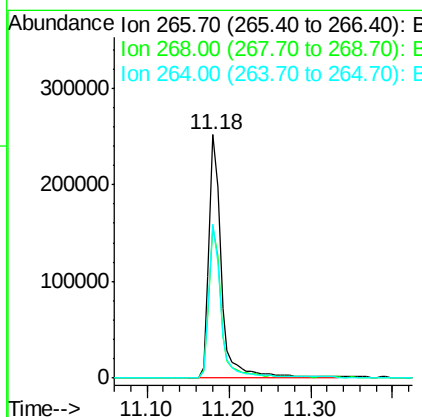
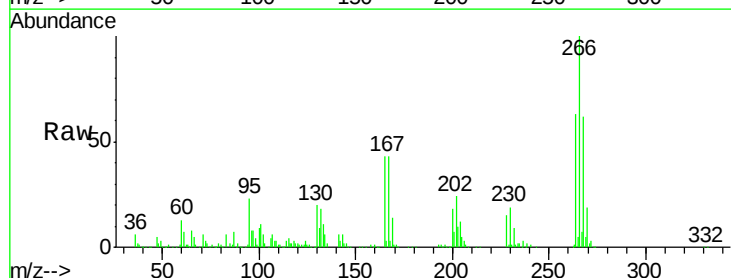
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

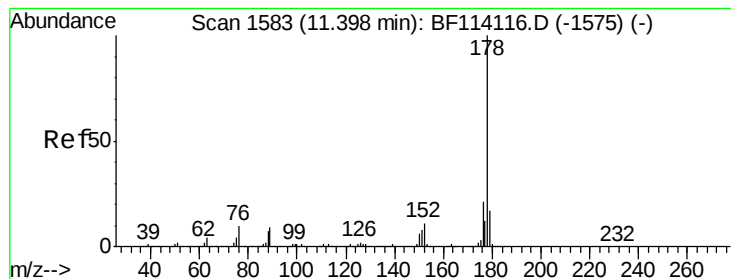
Tot Ion:200 Resp: 460829
 Ion Ratio Lower Upper
 200 100
 173 28.5 8.9 48.9
 215 49.5 30.7 70.7



#70
 Pentachlorophenol
 Concen: 41.387 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

Tgt Ion:266 Resp: 272428
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 63.1 51.1 76.7





#71

Phenanthrene

Concen: 40.582 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

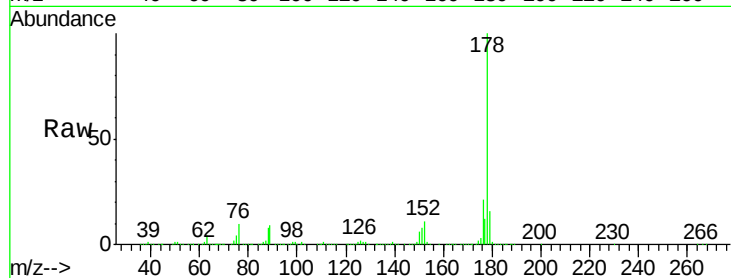
Tot Ion:178 Resp: 2250768

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

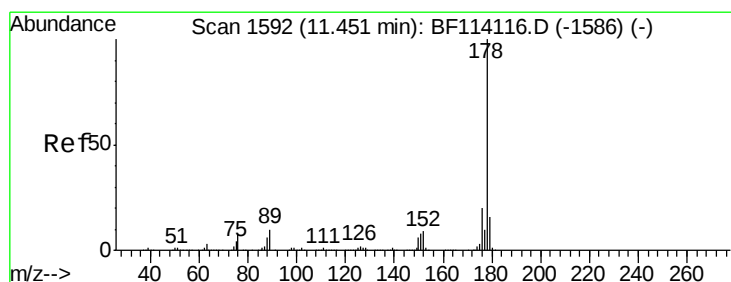
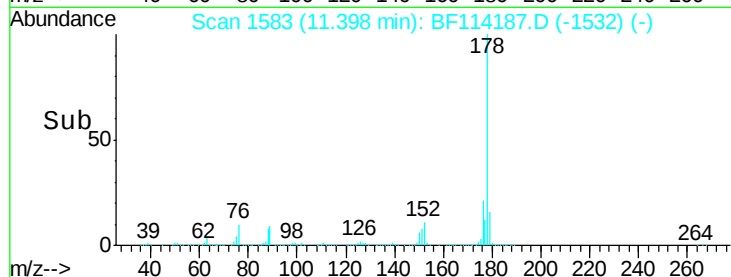
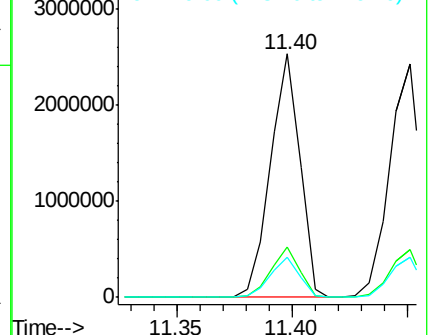
179 16.5 13.2 19.8



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: 40.940 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

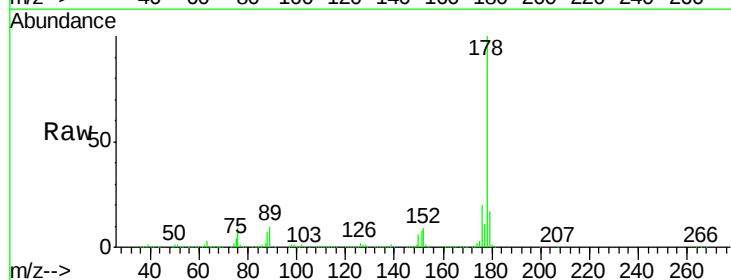
Tgt Ion:178 Resp: 2280665

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

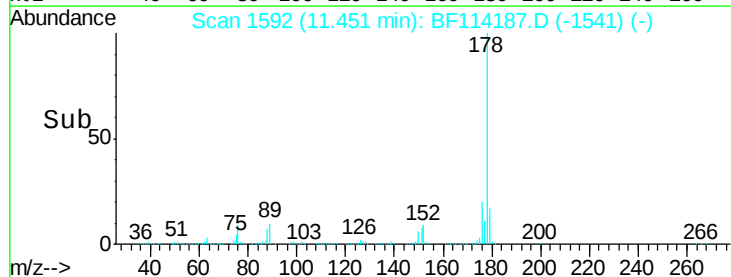
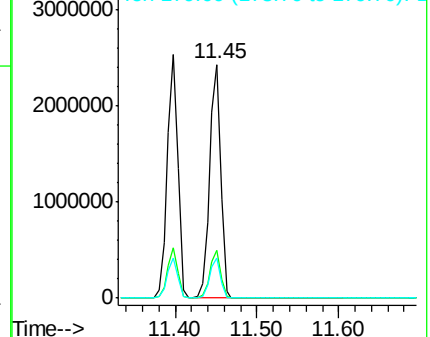
179 16.9 13.0 19.4

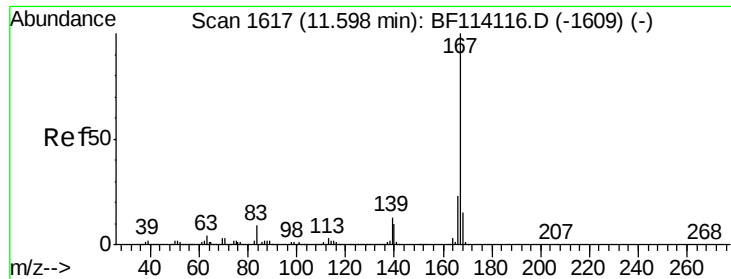


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

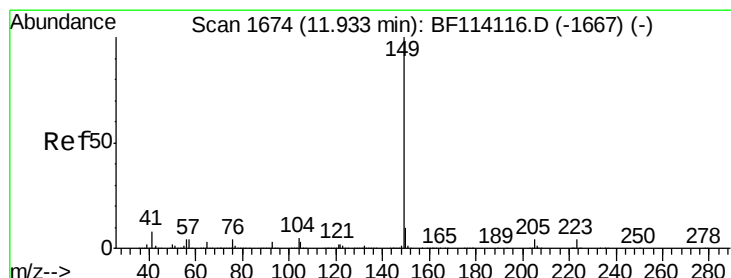
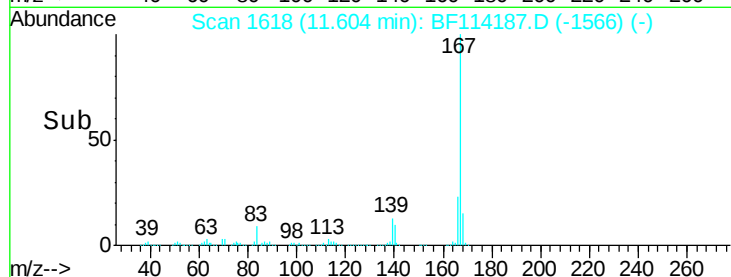
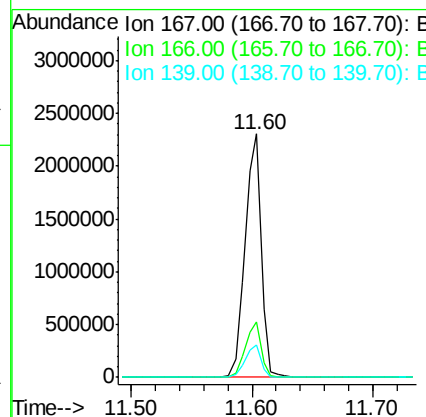
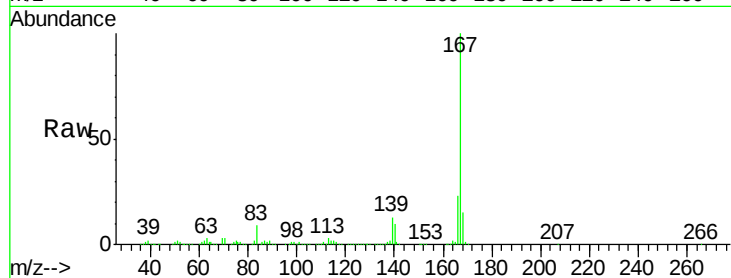




#73
 Carbazole
 Concen: 40.675 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

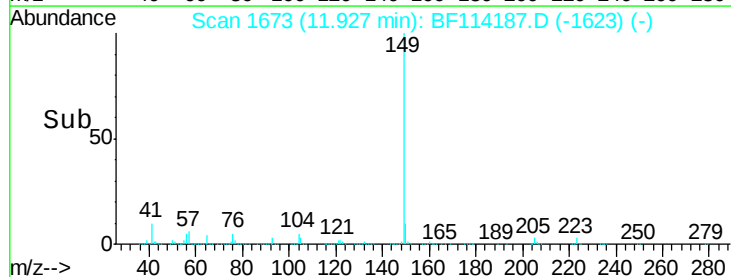
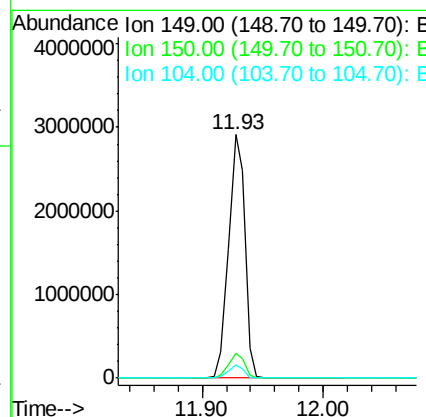
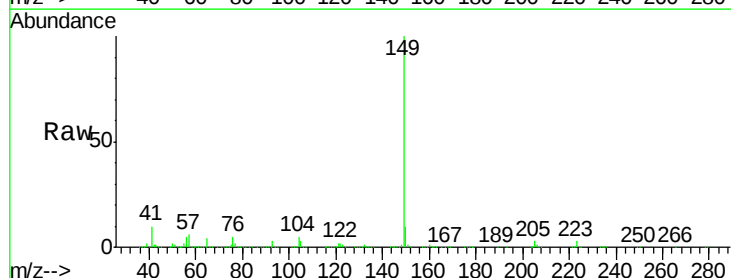
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

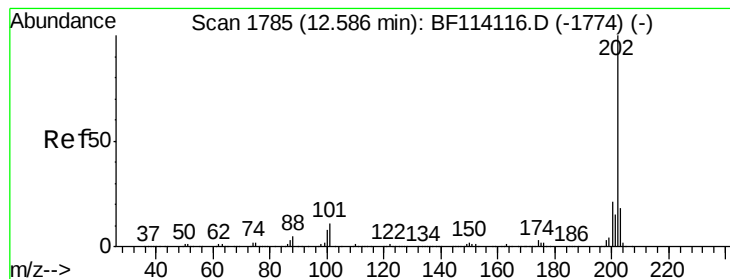
Tot Ion:167 Resp: 2160729
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.164 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

Tgt Ion:149 Resp: 2702858
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.7 11.5
 104 5.2 3.6 5.4





#75

Fluoranthene

Concen: 40.630 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

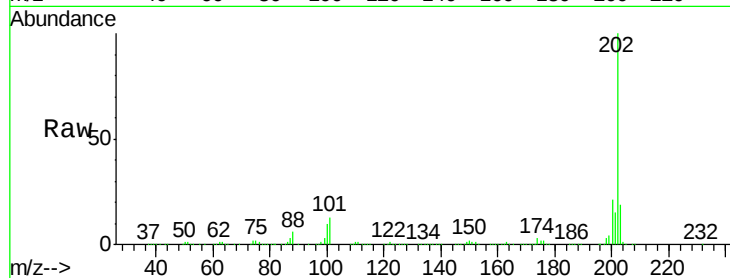
Tot Ion:202 Resp: 2426695

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.0

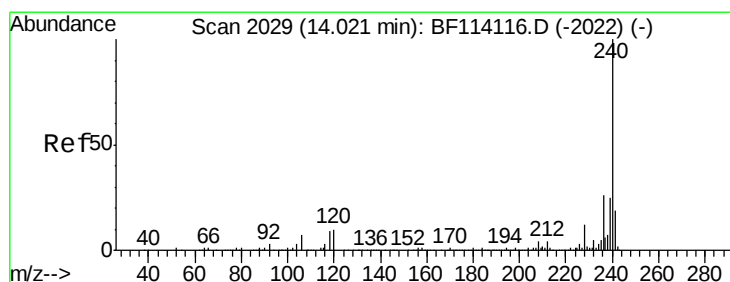
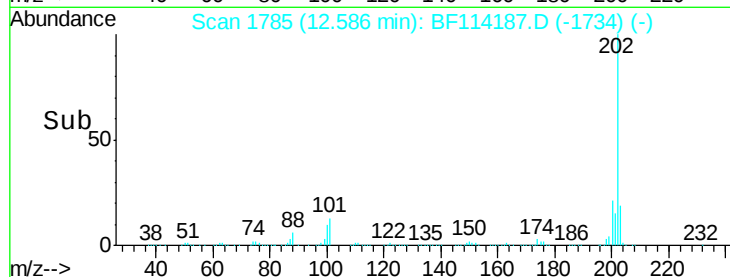
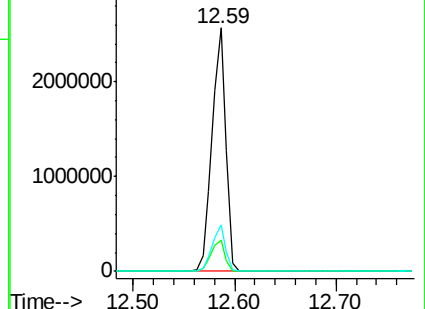
203 18.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

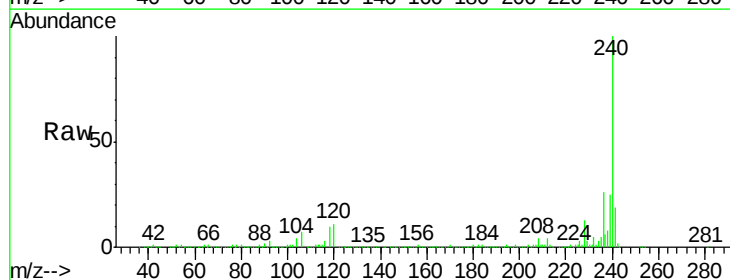
Tgt Ion:240 Resp: 806967

Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

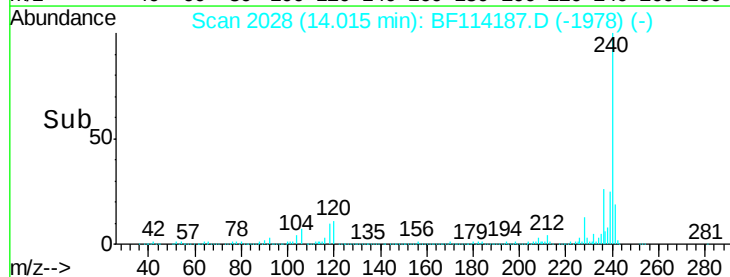
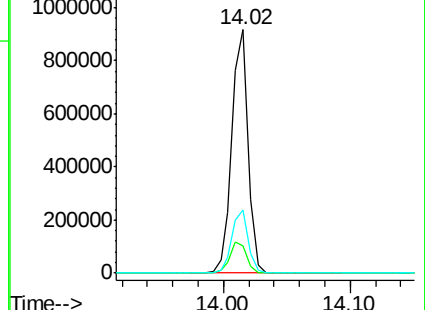
236 25.8 20.8 31.2

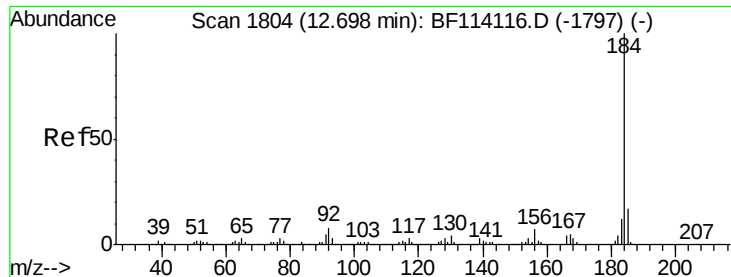


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.311 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

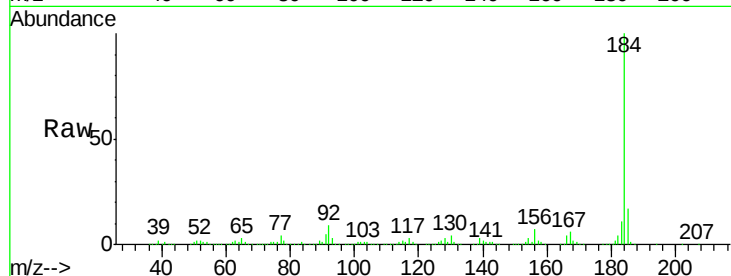
Tot Ion:184 Resp: 1351530

Ion Ratio Lower Upper

184 100

185 17.3 13.6 20.4

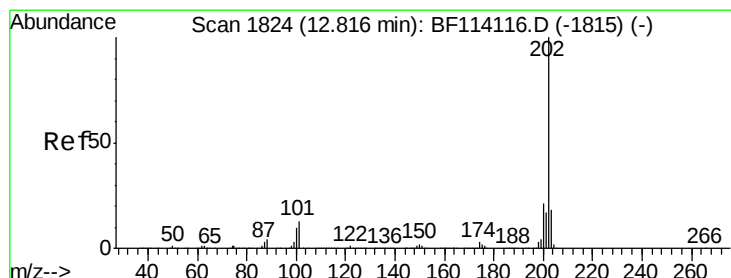
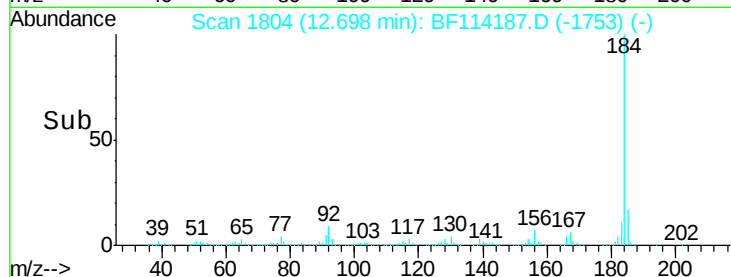
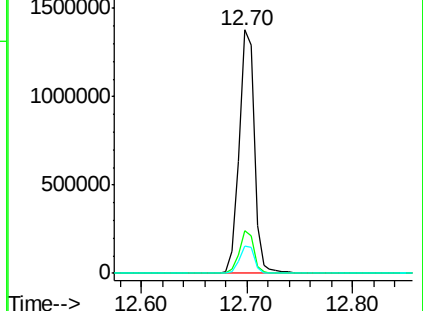
183 11.3 9.2 13.8



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: 37.969 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

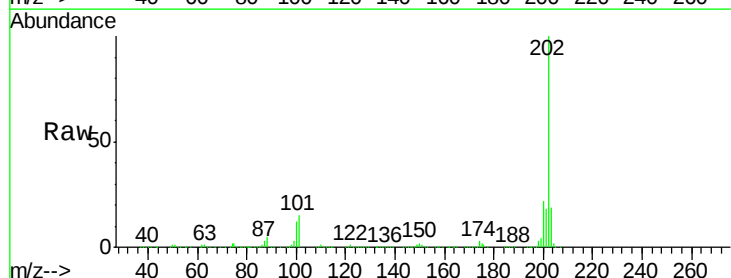
Tgt Ion:202 Resp: 2464786

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

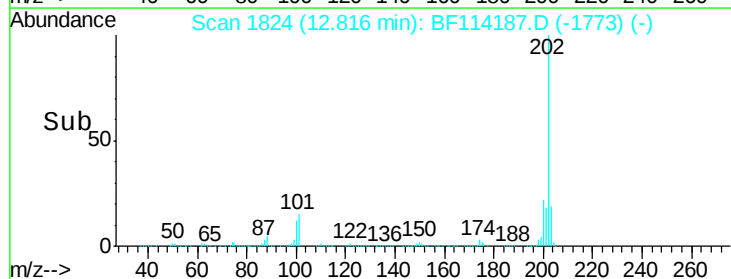
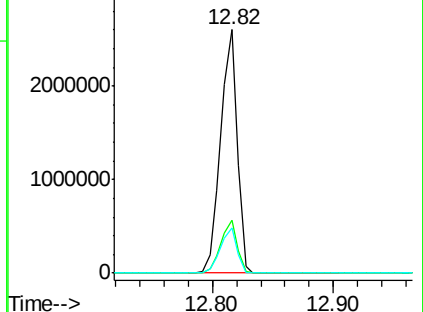
203 18.8 14.5 21.7



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



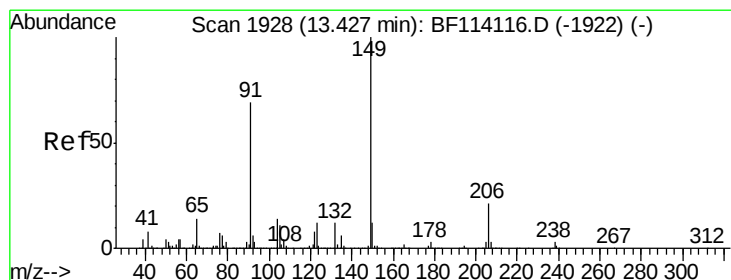
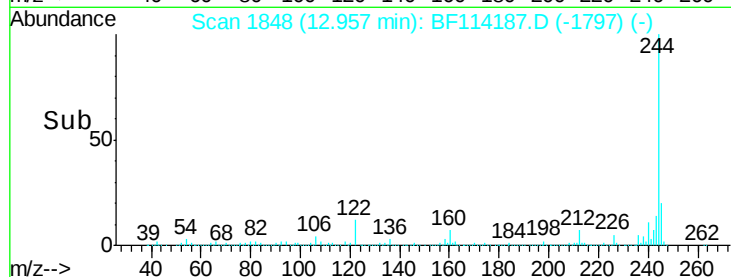
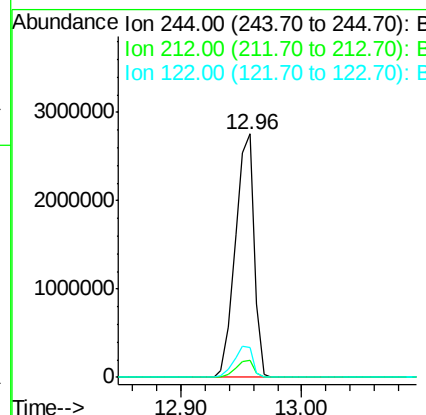
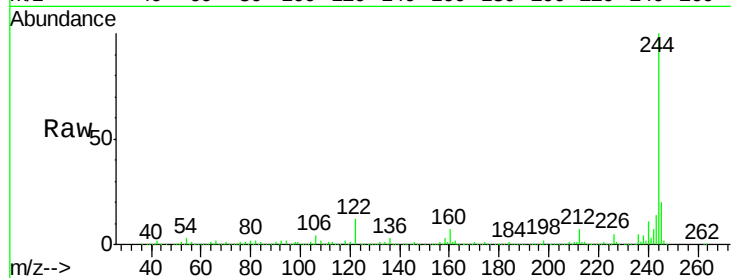


#79
 Terphenyl-d14
 Concen: 76.326 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 2987851

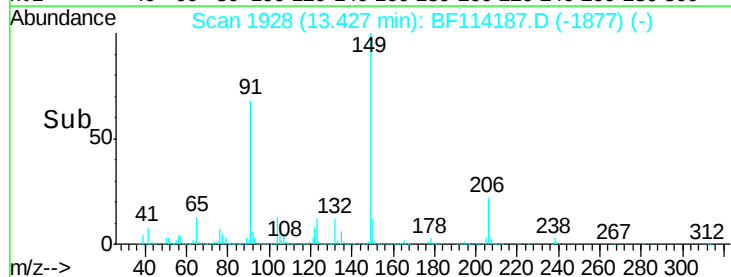
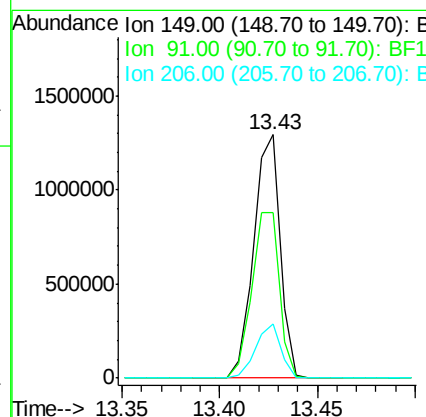
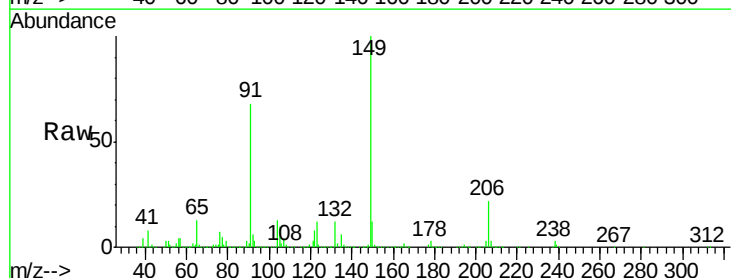
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	12.4	9.4	14.2

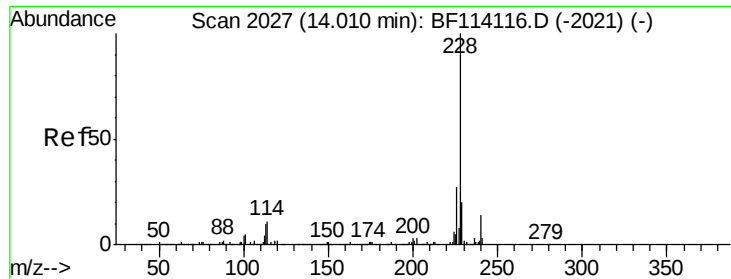


#80
 Butylbenzylphthalate
 Concen: 44.560 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BF114187.D
 Acq: 12 May 2019 12:37

Tgt Ion:149 Resp: 1217562

Ion	Ratio	Lower	Upper
149	100		
91	68.2	55.0	82.4
206	22.1	16.9	25.3

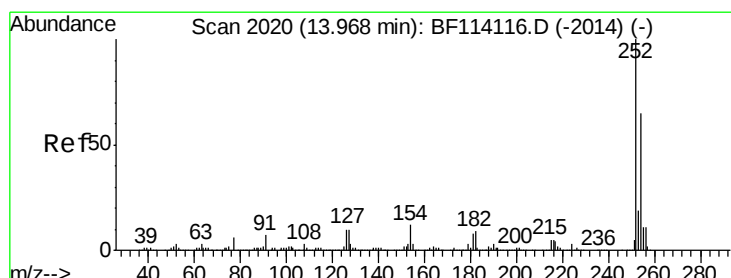
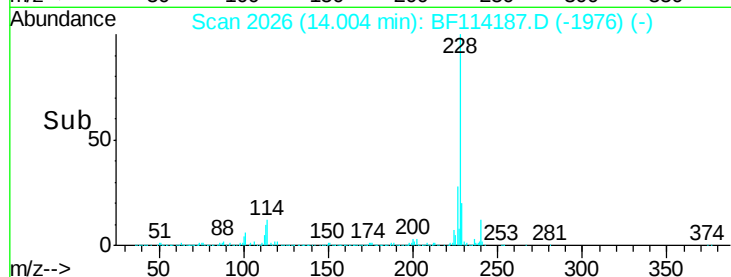
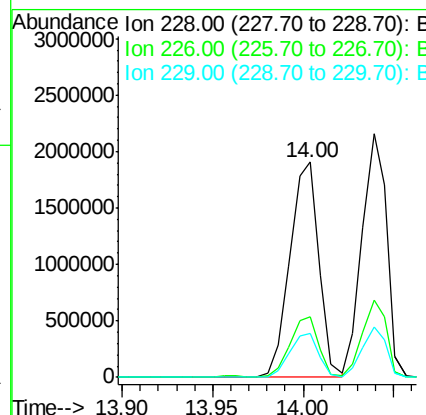
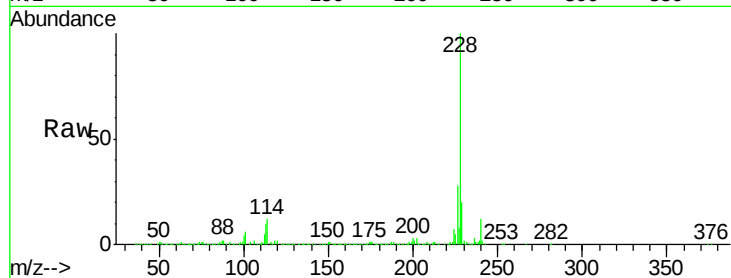




#81
Benzo(a)anthracene
Concen: 41.064 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

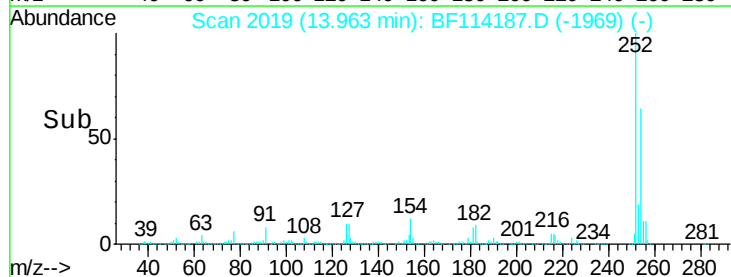
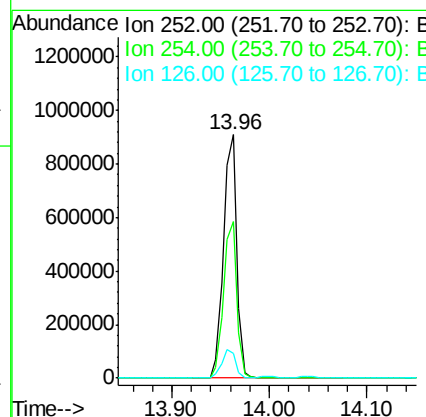
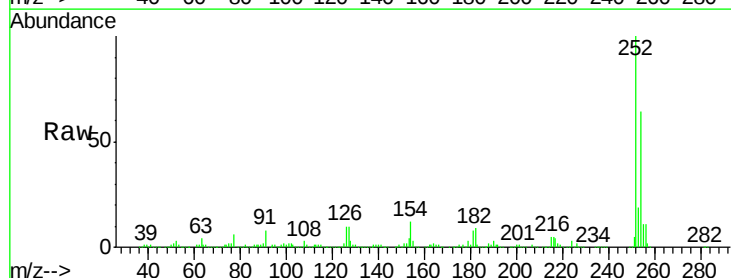
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

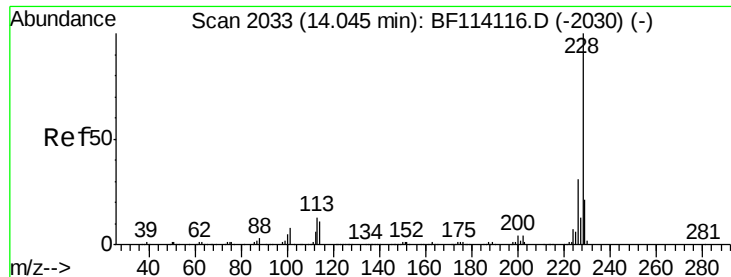
Tot Ion:228 Resp: 2143305
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.2
229 20.2 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 42.644 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:252 Resp: 863432
Ion Ratio Lower Upper
252 100
254 64.3 51.9 77.9
126 10.3 7.9 11.9





#83

Chrvsene

Concen: 39.917 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

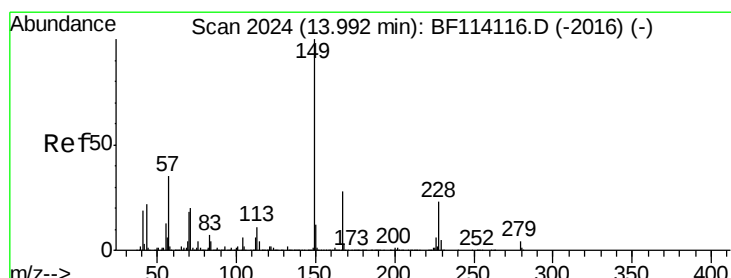
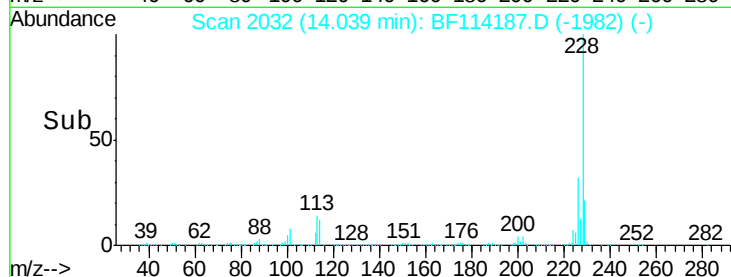
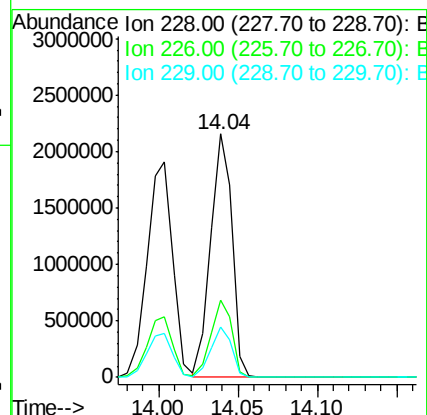
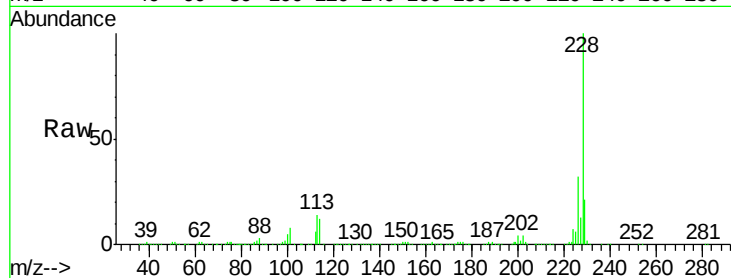
Tot Ion:228 Resp: 2042347

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

229 20.8 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.710 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

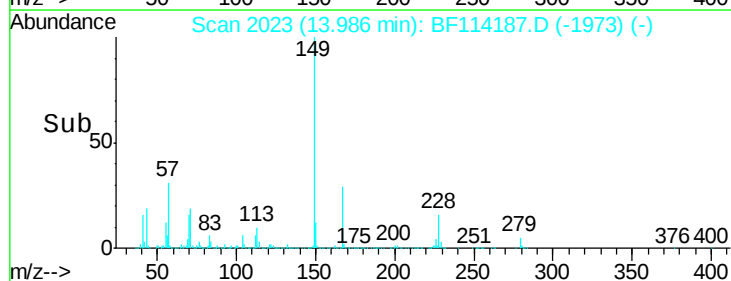
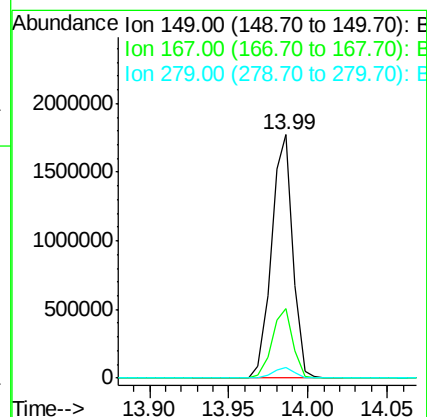
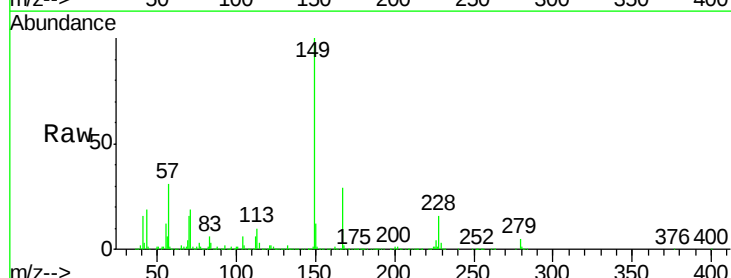
Tgt Ion:149 Resp: 1669220

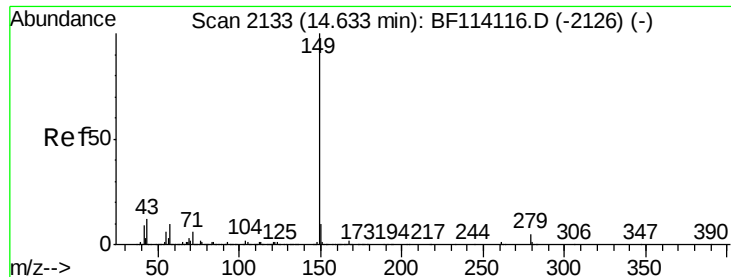
Ion Ratio Lower Upper

149 100

167 28.5 22.6 33.8

279 4.6 3.0 4.6#

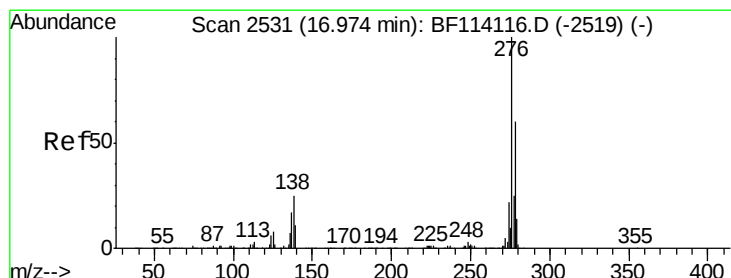
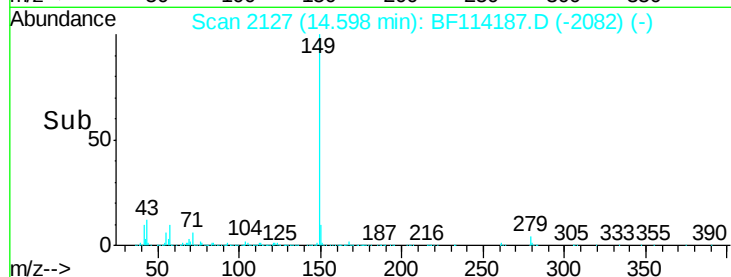
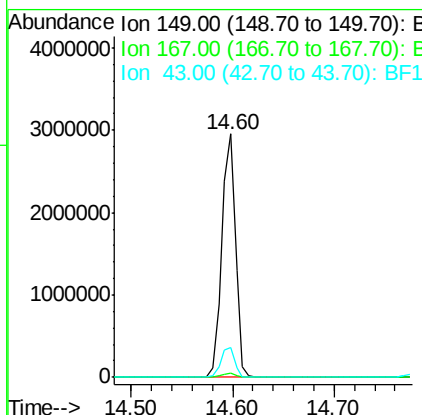
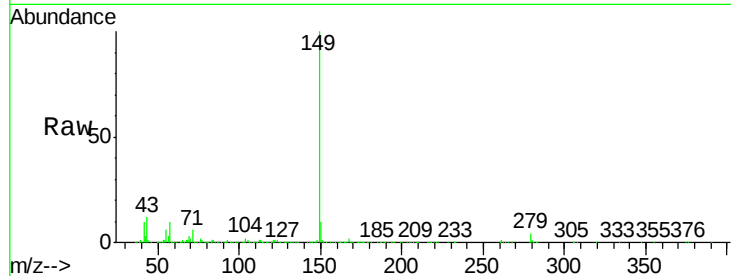




#85
Di-n-octyl phthalate
Concen: 47.542 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.04 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

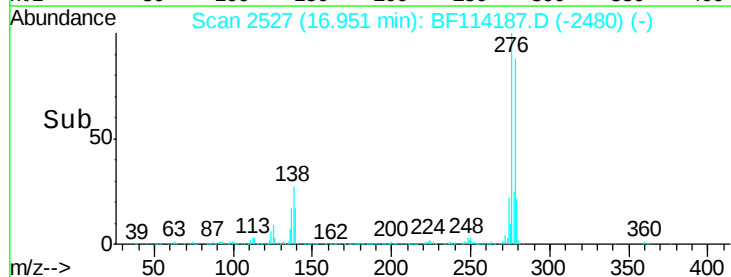
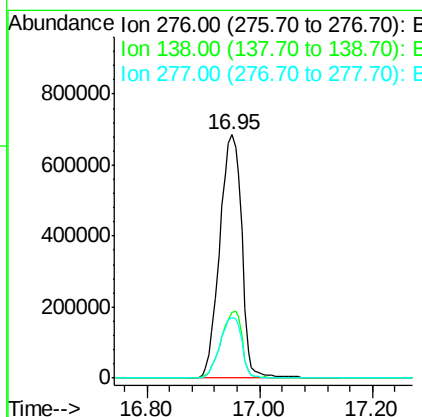
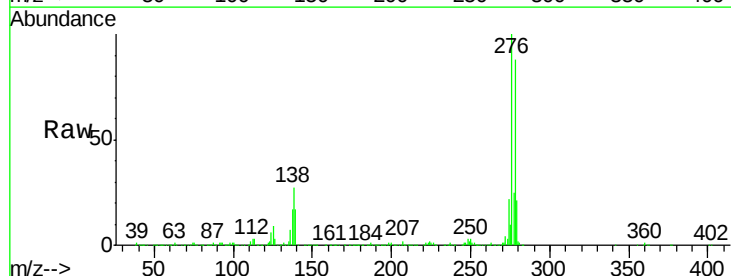
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

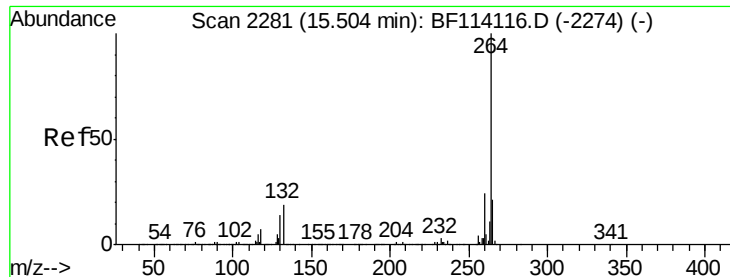
Tot Ion:149 Resp: 2754152
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.7 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.231 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:276 Resp: 1864426
Ion Ratio Lower Upper
276 100
138 26.5 20.2 30.2
277 25.0 20.0 30.0



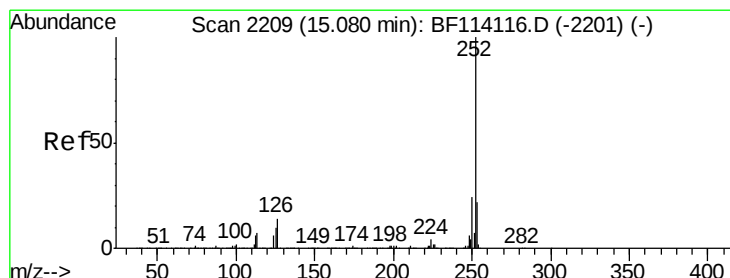
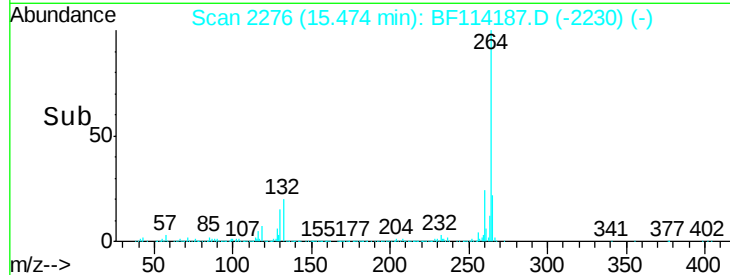
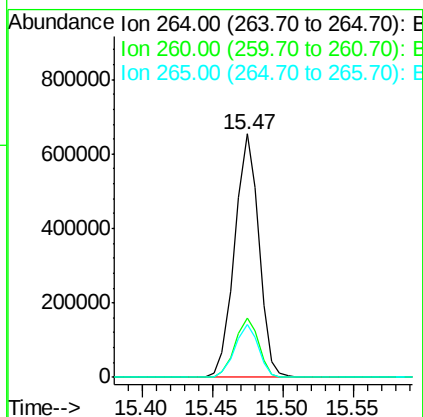
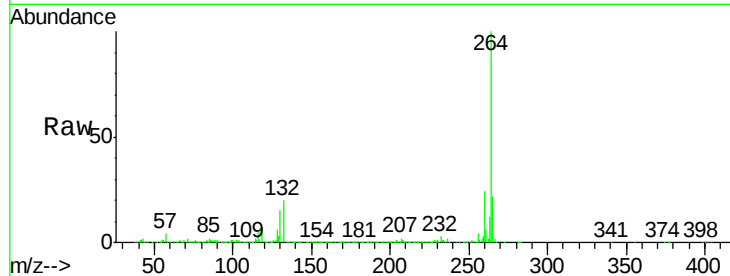


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 781657

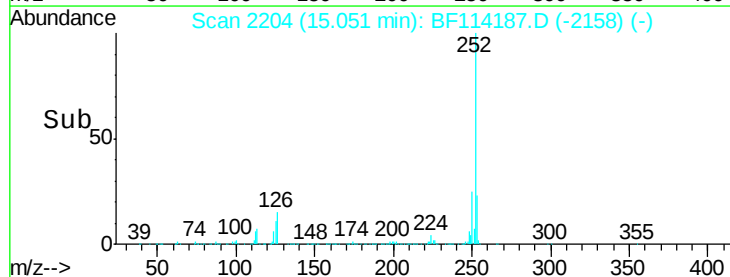
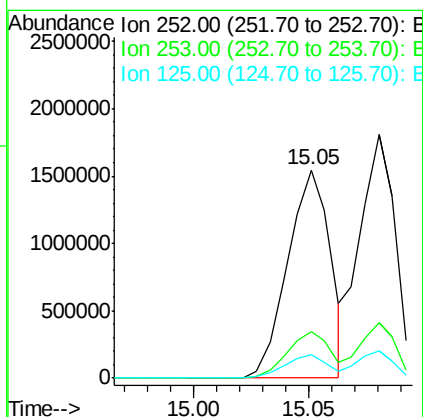
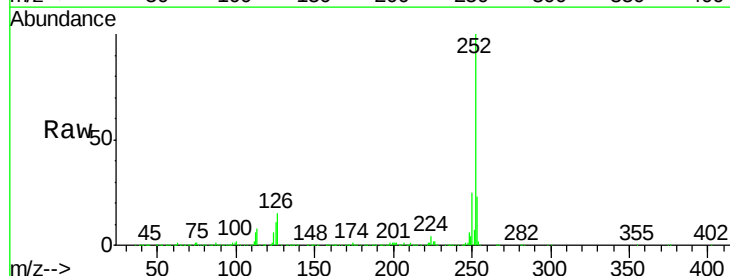
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.0	16.9	25.3

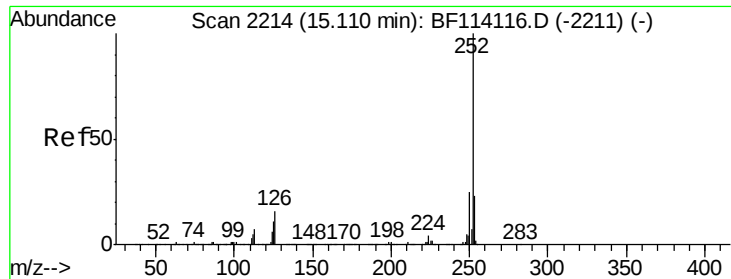


#88
Benzo(b)fluoranthene
Concen: 39.581 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:252 Resp: 1982107

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.4	8.3	12.5

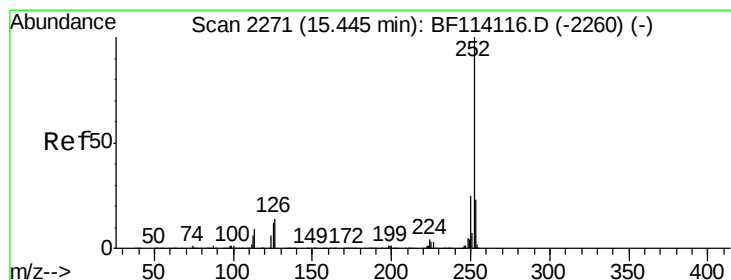
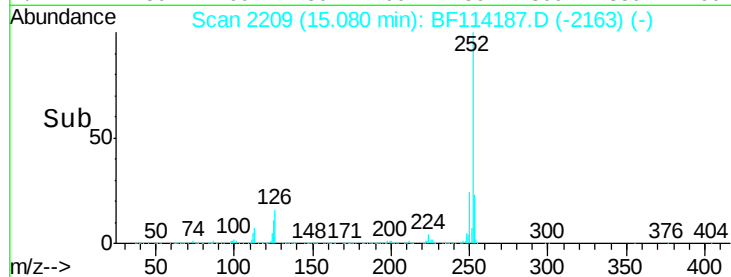
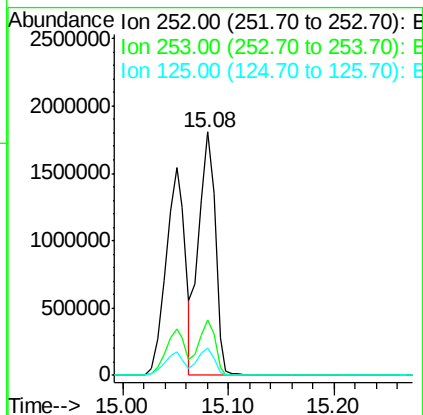
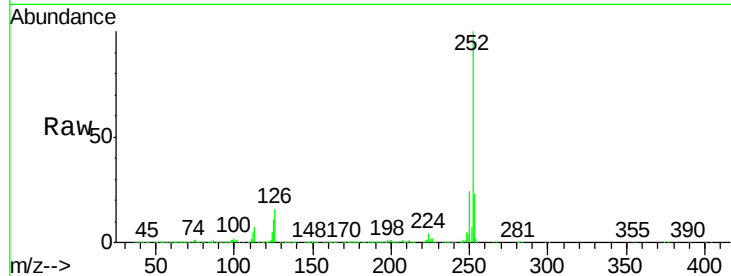




#89
Benzo(k)fluoranthene
Concen: 42.118 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

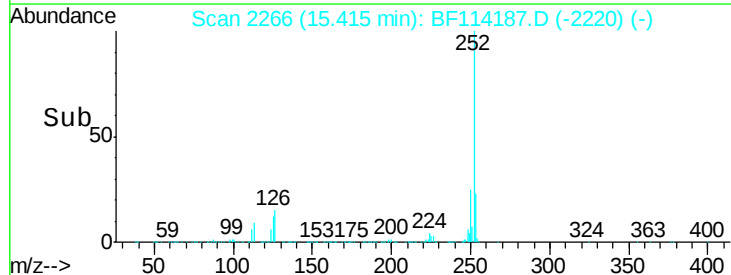
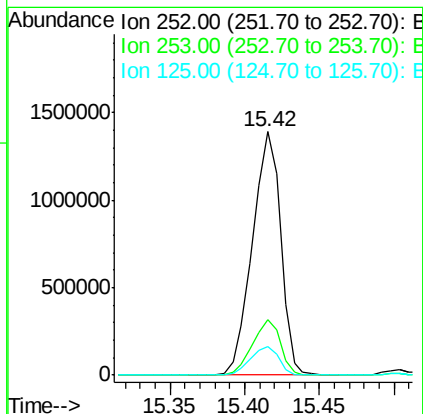
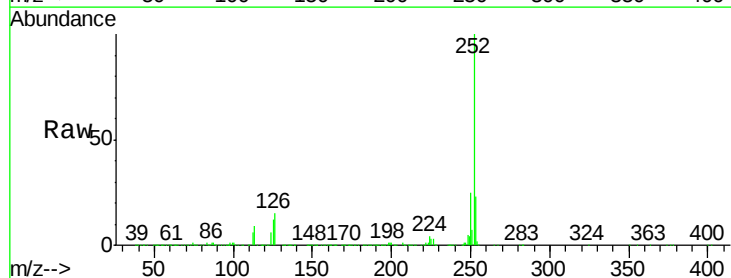
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

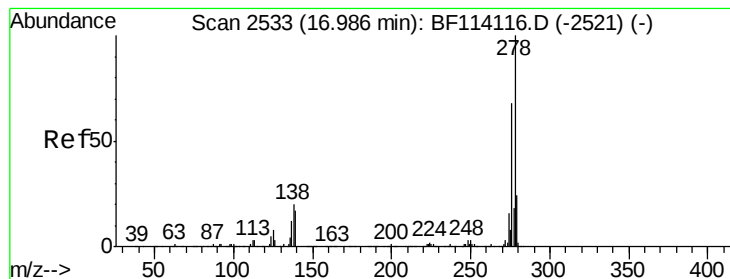
Tot Ion:252 Resp: 1937490
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 11.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 41.136 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BF114187.D
Acq: 12 May 2019 12:37

Tgt Ion:252 Resp: 1812956
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 41.626 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Instrument :

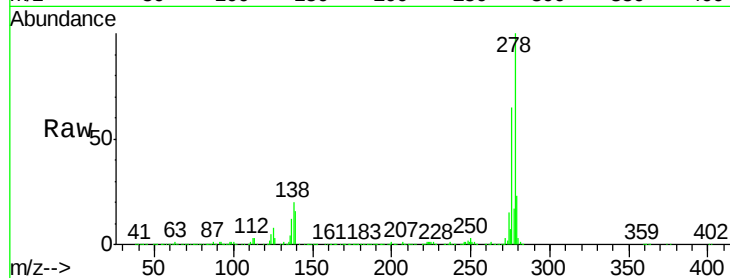
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1524427

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.5	20.3
279	23.1	19.0	28.6

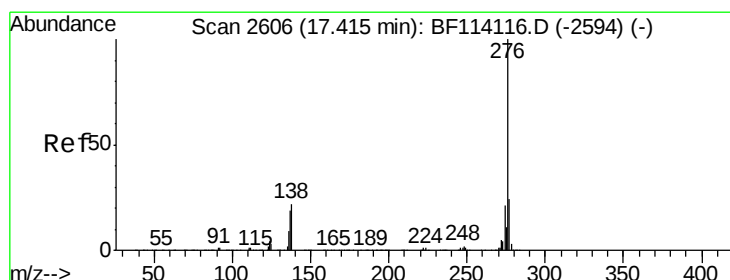
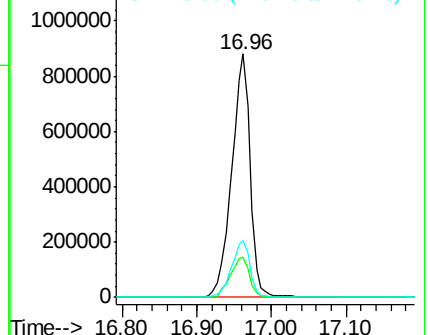
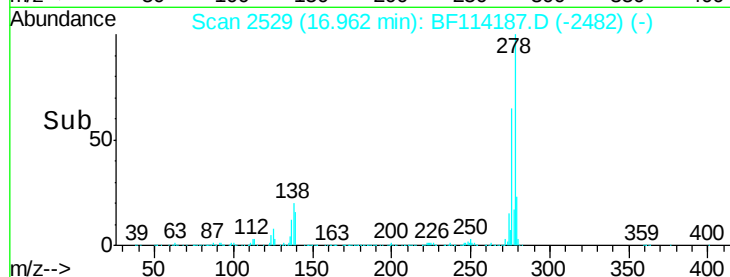


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.749 ng

RT: 17.39 min Scan# 2602

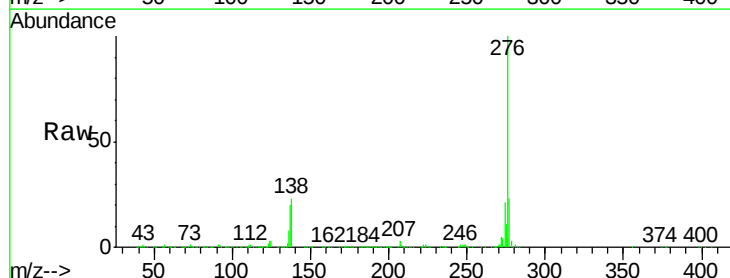
Delta R.T. -0.02 min

Lab File: BF114187.D

Acq: 12 May 2019 12:37

Tgt Ion:276 Resp: 1495509

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	22.8	17.8	26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

