

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114149.D
 Acq On : 11 May 2019 11:30
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 13 06:47:52 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	357285	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1453326	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	699797	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1332658	20.00	ng	0.00
76) Chrysene-d12	14.01	240	909542	20.00	ng	-0.01
87) Perylene-d12	15.47	264	917659	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1717504	77.36	ng	0.00
7) Phenol-d6	6.49	99	2167267	82.53	ng	0.00
23) Nitrobenzene-d5	7.42	82	1968913	76.03	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	557315	77.03	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3372569	72.90	ng	0.00
79) Terphenyl-d14	12.96	244	3318420	75.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	431538	35.362	ng	98
3) Pyridine	3.39	79	1233610	36.690	ng	98
4) n-Nitrosodimethylamine	3.35	42	572966	35.338	ng	96
6) Aniline	6.52	93	1535567	40.483	ng	99
8) 2-Chlorophenol	6.65	128	1005491	42.423	ng	94
9) Benzaldehyde	6.40	77	732134	39.827	ng	99
10) Phenol	6.50	94	1244785	40.297	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	1004783	42.845	ng	100
12) 1,3-Dichlorobenzene	6.80	146	1055005	39.654	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1060925	39.573	ng	98
14) 1,2-Dichlorobenzene	7.03	146	976590	39.872	ng	99
15) Benzyl Alcohol	7.00	79	822455	40.159	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1858147	40.865	ng	99
17) 2-Methylphenol	7.11	107	775385	39.825	ng	100
18) Hexachloroethane	7.37	117	405851	40.330	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	662831	39.824	ng	99
20) 3+4-Methylphenols	7.26	107	887464	39.451	ng	95
22) Acetophenone	7.26	105	1210754	37.606	ng	98
24) Nitrobenzene	7.43	77	1023869	38.818	ng	99
25) Isophorone	7.67	82	1866572	38.864	ng	100
26) 2-Nitrophenol	7.75	139	514391	40.197	ng	98
27) 2,4-Dimethylphenol	7.79	122	779128	38.766	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	1288957	41.362	ng	99
29) 2,4-Dichlorophenol	7.99	162	806927	40.320	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	904117	39.728	ng	100
31) Naphthalene	8.16	128	2760171	40.658	ng	99
32) Benzoic acid	7.93	122	518912	37.934	ng	97
33) 4-Chloroaniline	8.20	127	1266137	40.928	ng	99
34) Hexachlorobutadiene	8.27	225	542084	41.864	ng	98
35) Caprolactam	8.58	113	289663	44.388	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	870132	43.194	ng	100
37) 2-Methylnaphthalene	8.85	142	1865324	42.587	ng	97
38) 1-Methylnaphthalene	8.95	142	1746234	42.335	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	857708	40.461	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	341710	37.054	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	598057	41.017	nq	100
44) 2,4,5-Trichlorophenol	9.17	196	616419	41.223	nq	97
46) 1,1'-Biphenyl	9.31	154	2215485	39.188	nq	98
47) 2-Chloronaphthalene	9.33	162	1794166	39.434	nq	100
48) 2-Nitroaniline	9.43	65	650931	40.341	nq	99
49) Acenaphthylene	9.75	152	2733874	39.507	nq	99
50) Dimethylphthalate	9.61	163	2057646	40.054	nq	99
51) 2,6-Dinitrotoluene	9.67	165	458487	40.239	nq	98
52) Acenaphthene	9.92	154	1735934	40.880	nq	99
53) 3-Nitroaniline	9.84	138	572977	40.510	nq	98
54) 2,4-Dinitrophenol	9.95	184	207988	39.986	nq	97
55) Dibenzofuran	10.09	168	2394170	38.450	nq	99
56) 4-Nitrophenol	10.00	139	388126	38.803	nq	92
57) 2,4-Dinitrotoluene	10.07	165	612471	39.603	nq	95
58) Fluorene	10.44	166	1803024	37.488	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	505806	39.203	nq	99
60) Diethylphthalate	10.30	149	2011859	38.544	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	908914	38.477	nq	99
62) 4-Nitroaniline	10.46	138	566509	38.116	nq	95
63) Azobenzene	10.59	77	1976963	39.129	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	283992	44.349	nq	85
66) n-Nitrosodiphenylamine	10.55	169	1674134	41.391	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	603348	41.119	nq	97
68) Hexachlorobenzene	10.99	284	663894	40.899	nq	# 91
69) Atrazine	11.07	200	535872	42.574	nq	99
70) Pentachlorophenol	11.18	266	326577	42.441	nq	99
71) Phenanthrene	11.40	178	2590362	39.953	nq	99
72) Anthracene	11.45	178	2634411	40.454	nq	99
73) Carbazole	11.60	167	2488640	40.075	nq	100
74) Di-n-butylphthalate	11.93	149	3020393	42.217	nq	97
75) Fluoranthene	12.59	202	2737316	39.206	nq	98
77) Benzidine	12.70	184	1647983	40.364	nq	99
78) Pyrene	12.82	202	2804691	38.332	nq	100
80) Butylbenzylphthalate	13.43	149	1343312	43.618	nq	98
81) Benzo(a)anthracene	14.00	228	2361256	40.138	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	976954	42.809	nq	# 99
83) Chrysene	14.04	228	2267580	39.321	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1748058	43.399	nq	98
85) Di-n-octyl phthalate	14.60	149	2876225	44.050	nq	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1875133	36.791	nq	99
88) Benzo(b)fluoranthene	15.05	252	2302190	39.159	nq	100
89) Benzo(k)fluoranthene	15.08	252	2154598	39.896	nq	99
90) Benzo(a)pyrene	15.42	252	2055355	39.724	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	1557245	36.220	nq	99
92) Benzo(g,h,i)perylene	17.39	276	1520511	35.290	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

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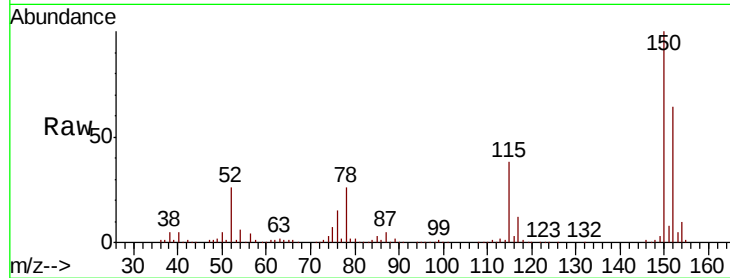
Tot Ion:152 Resp: 357285

Ion Ratio Lower Upper

152 100

150 155.4 124.3 186.5

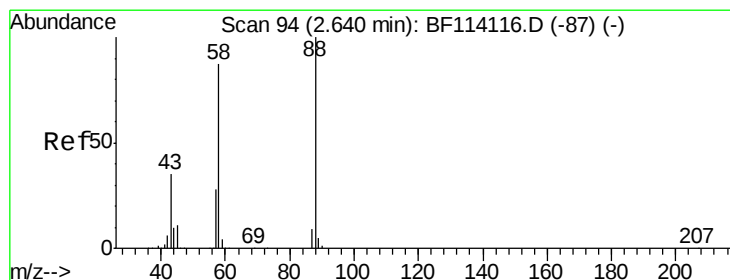
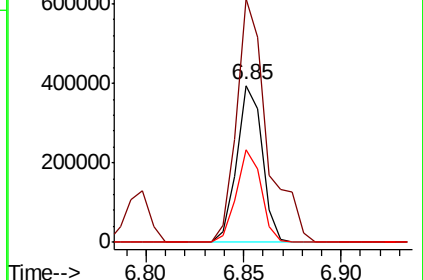
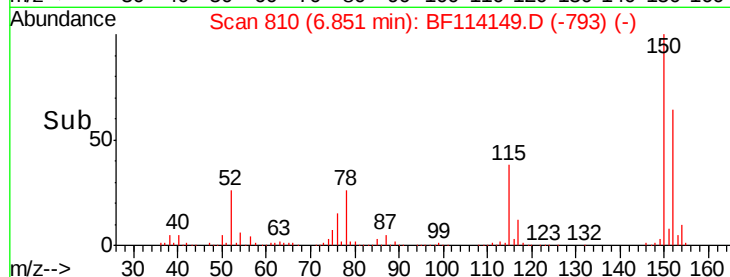
115 58.7 49.1 73.7



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



#2

1,4-Dioxane

Concen: 35.362 ng

RT: 2.65 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

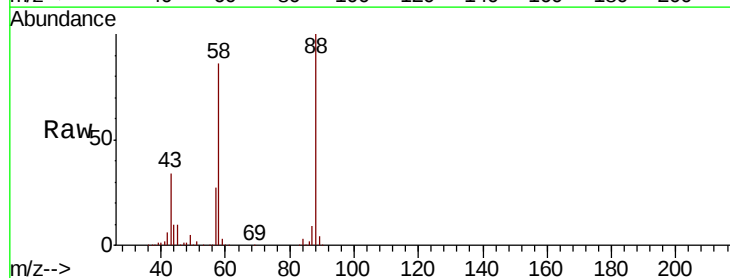
Tgt Ion: 88 Resp: 431538

Ion Ratio Lower Upper

88 100

58 87.2 68.7 103.1

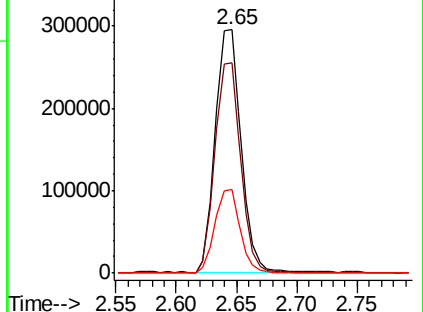
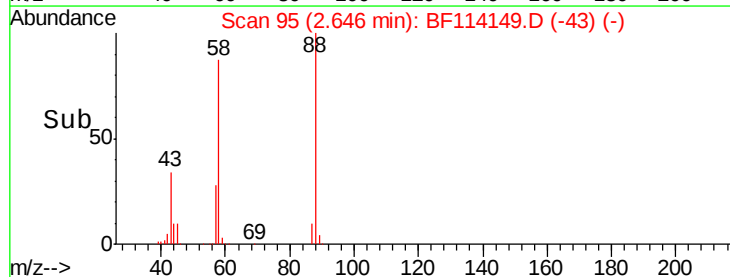
43 34.2 28.2 42.2

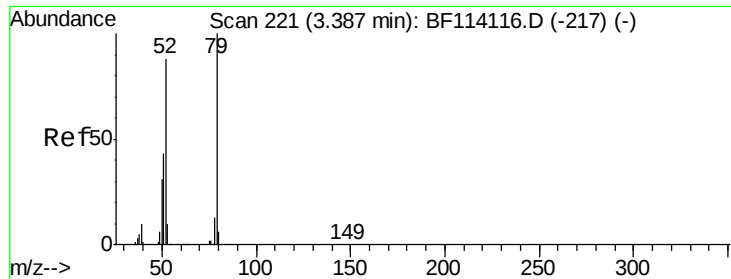


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.690 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF114149.D

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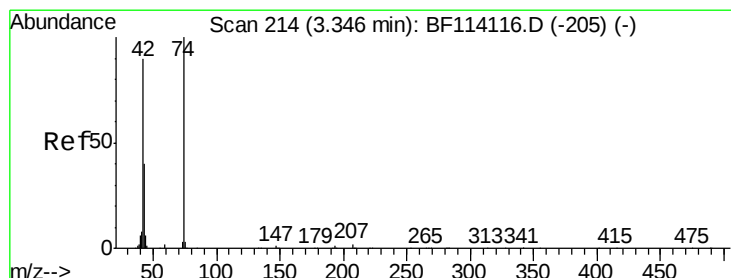
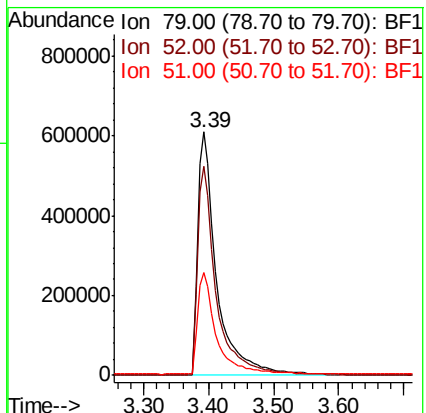
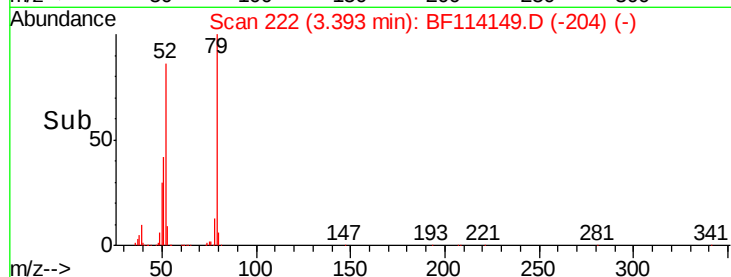
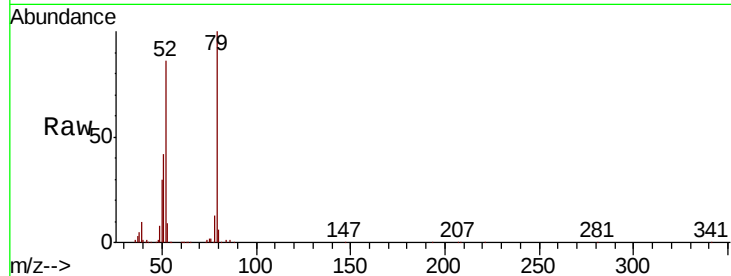
Tot Ion: 79 Resp: 1233610

Ion Ratio Lower Upper

79 100

52 85.8 70.6 105.8

51 42.2 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 35.338 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

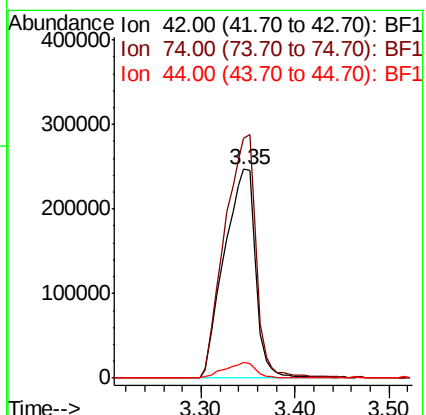
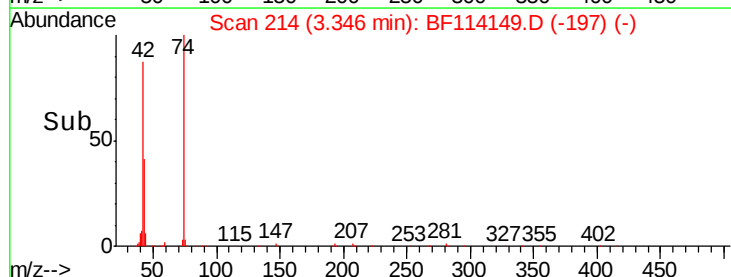
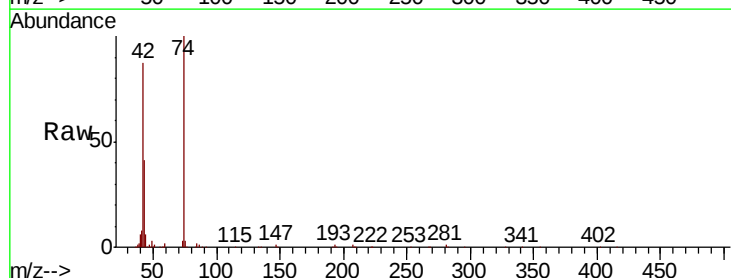
Tgt Ion: 42 Resp: 572966

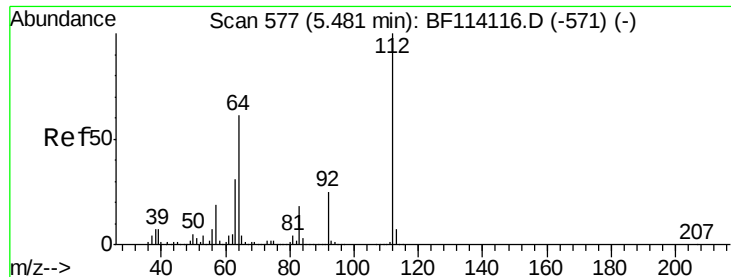
Ion Ratio Lower Upper

42 100

74 115.0 88.6 132.8

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 77.359 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

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SSTDCCC040

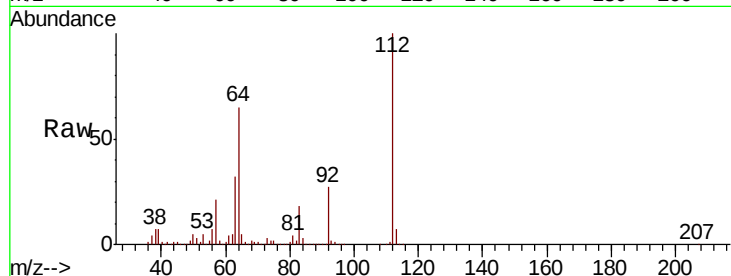
Tot Ion:112 Resp: 1717504

Ion Ratio Lower Upper

112 100

64 64.6 49.0 73.6

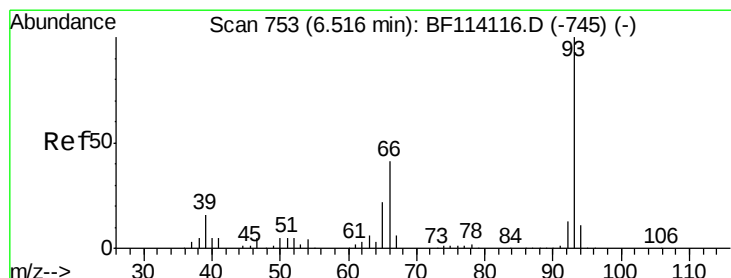
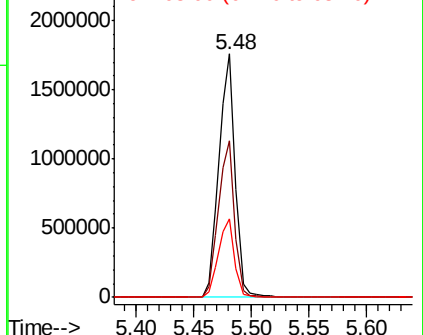
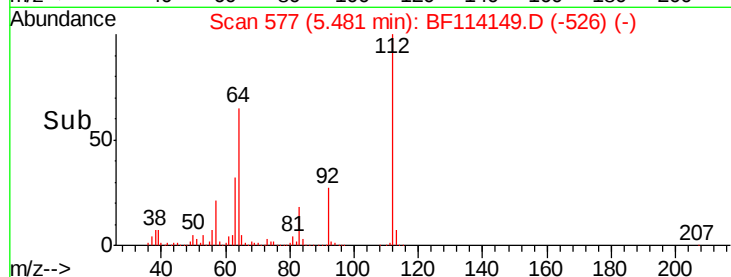
63 32.4 24.6 37.0



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: 40.483 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

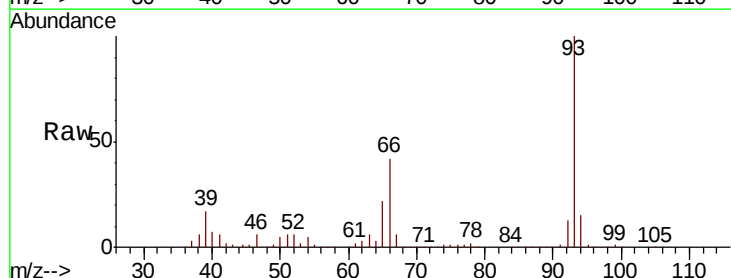
Tgt Ion: 93 Resp: 1535567

Ion Ratio Lower Upper

93 100

66 42.2 33.2 49.8

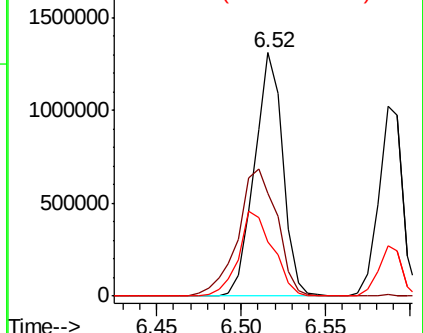
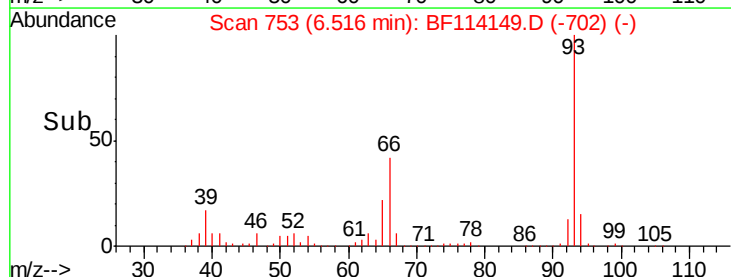
65 22.5 17.6 26.4



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: 82.535 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

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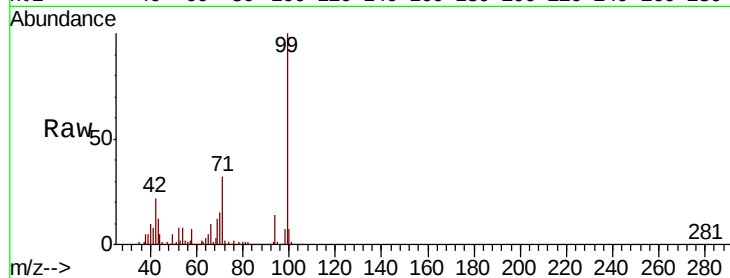
Tot Ion: 99 Resp: 2167267

Ion Ratio Lower Upper

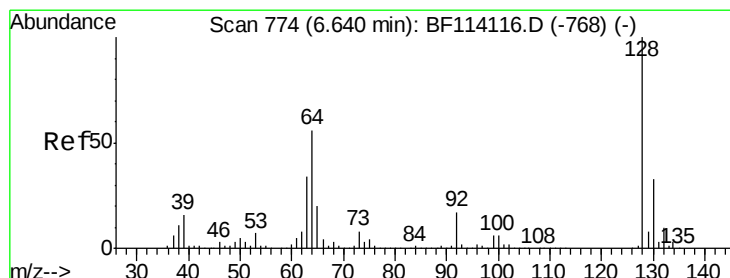
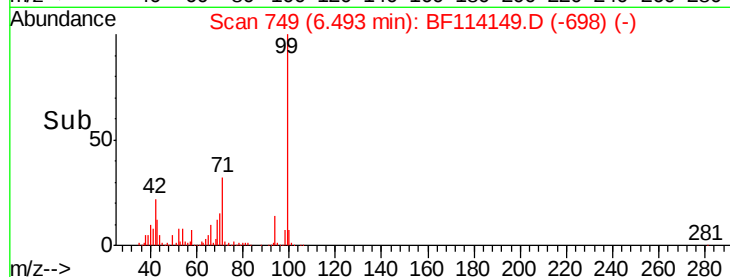
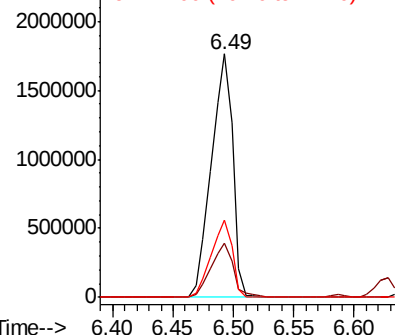
99 100

42 22.2 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: 42.423 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

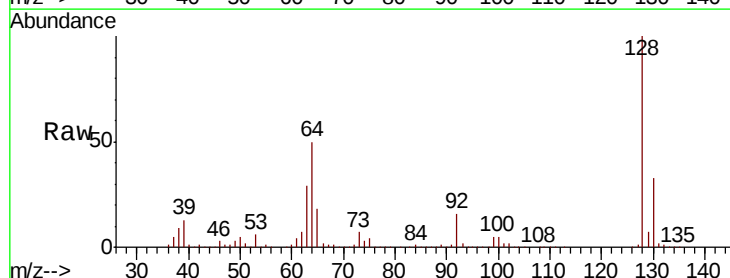
Tgt Ion: 128 Resp: 1005491

Ion Ratio Lower Upper

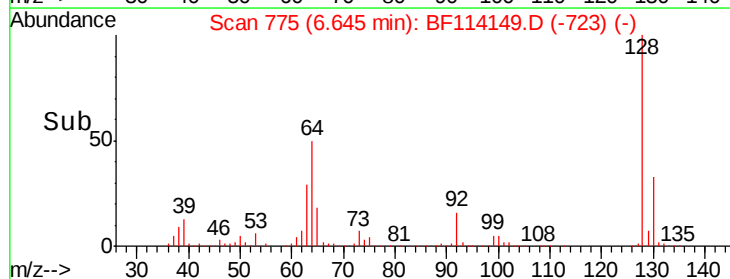
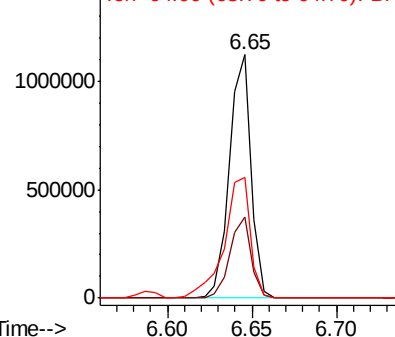
128 100

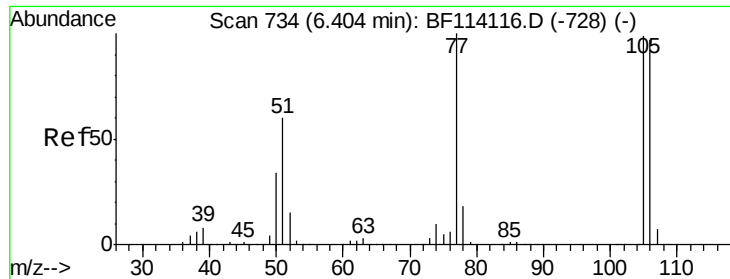
130 33.2 12.6 52.6

64 49.6 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

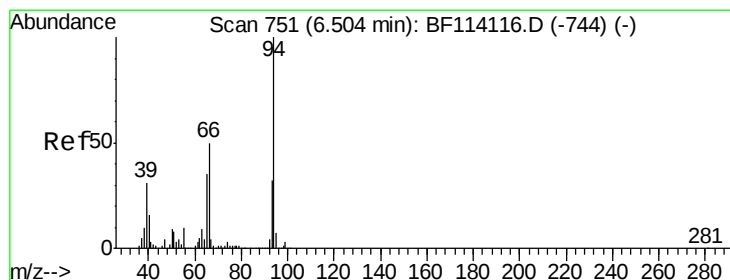
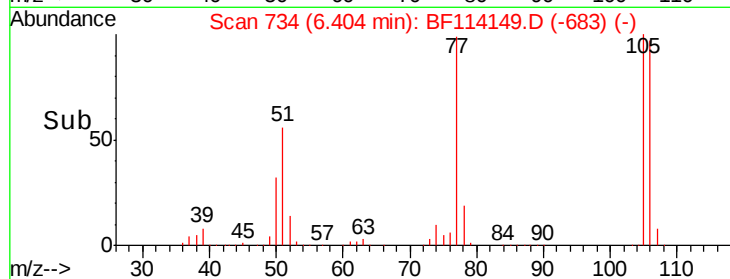
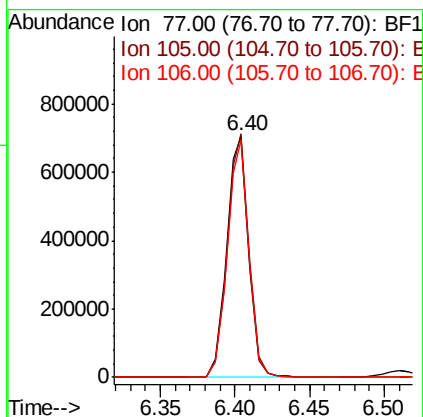
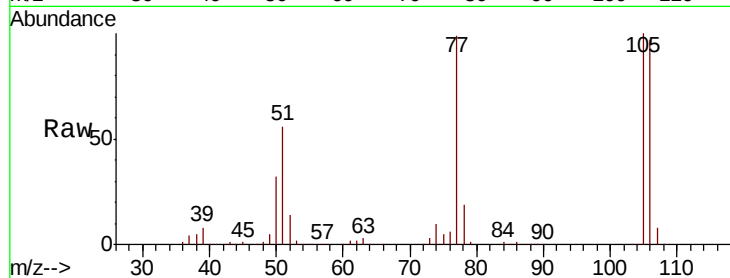




#9
Benzaldehyde
Concen: 39.827 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

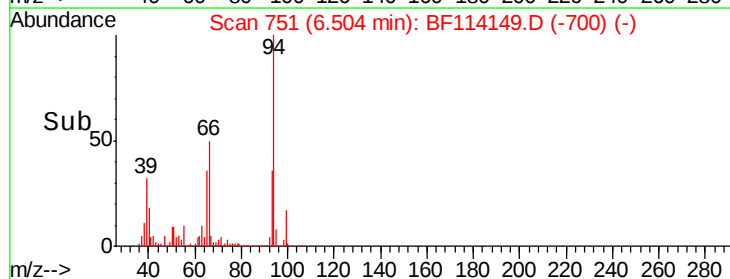
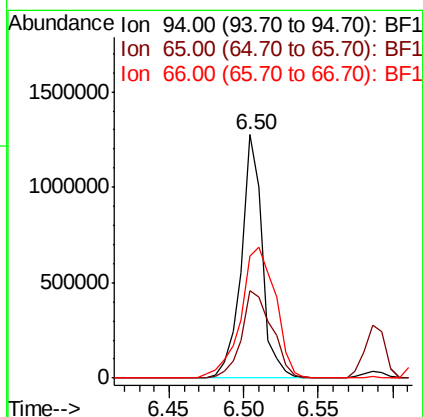
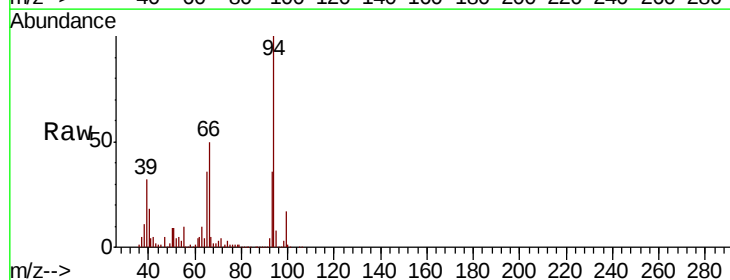
Instrument :
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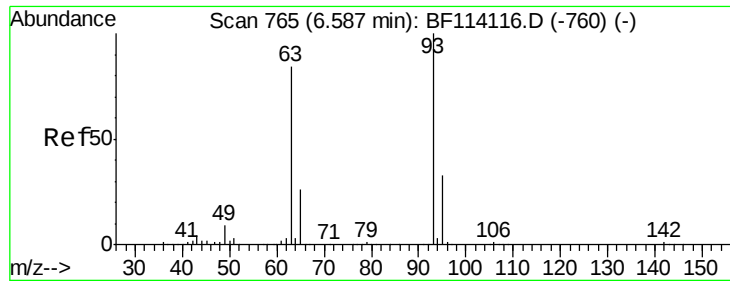
Tot Ion: 77 Resp: 732134
Ion Ratio Lower Upper
77 100
105 100.9 79.3 119.3
106 98.2 77.0 117.0



#10
Phenol
Concen: 40.297 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion: 94 Resp: 1244785
Ion Ratio Lower Upper
94 100
65 35.8 14.7 54.7
66 50.1 29.6 69.6

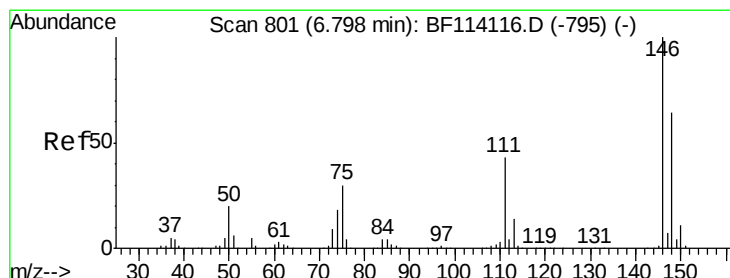
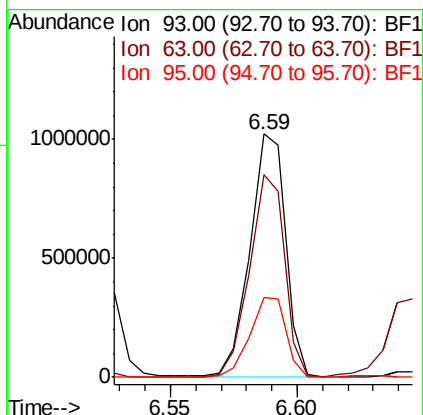
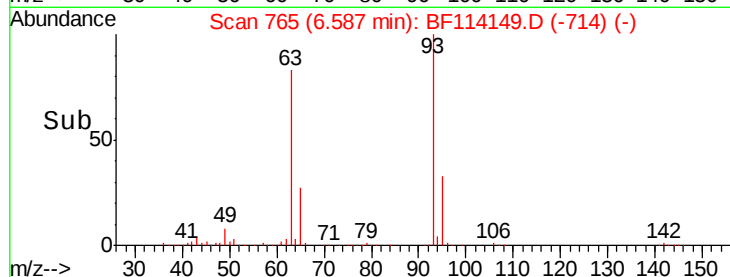
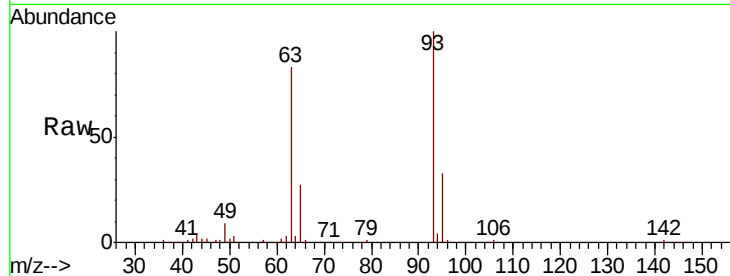




#11
bis(2-Chloroethyl)ether
Concen: 42.845 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

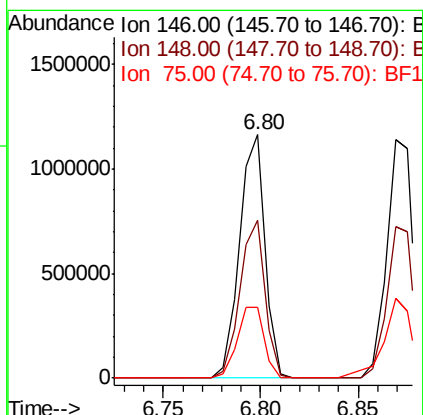
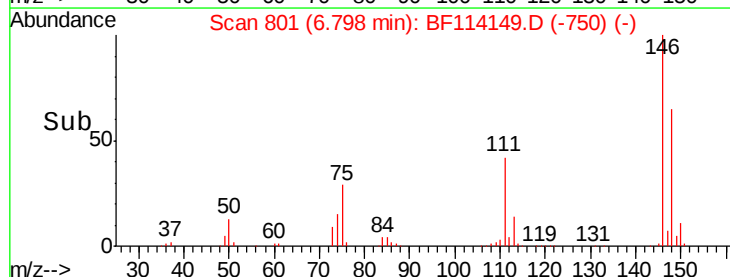
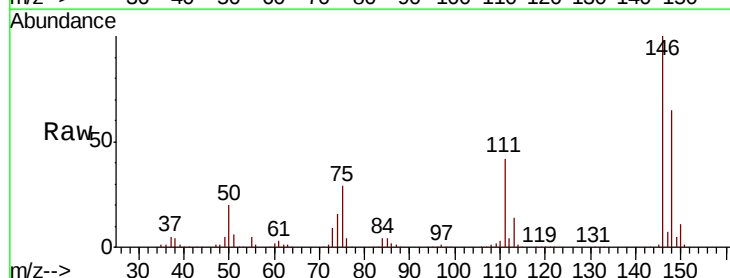
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

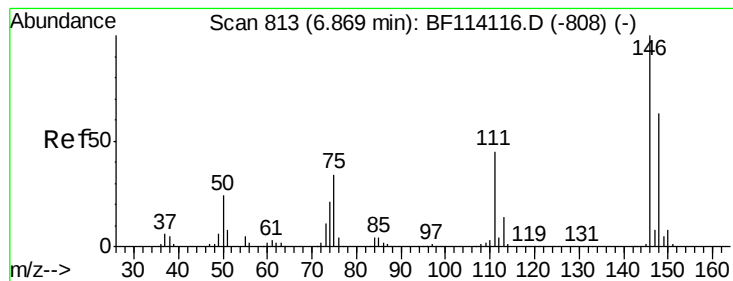
Tot Ion: 93 Resp: 1004783
Ion Ratio Lower Upper
93 100
63 83.5 63.6 103.6
95 32.9 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 39.654 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion: 146 Resp: 1055005
Ion Ratio Lower Upper
146 100
148 64.7 51.6 77.4
75 29.2 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 39.573 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

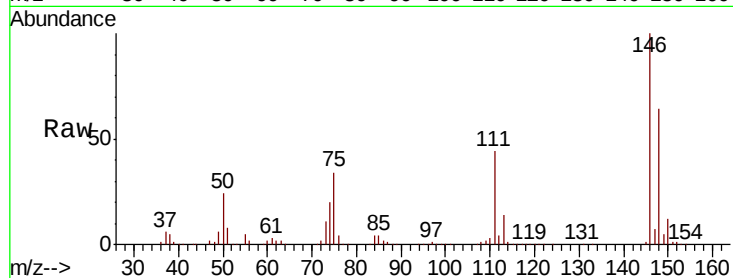
Tot Ion:146 Resp: 1060925

Ion Ratio Lower Upper

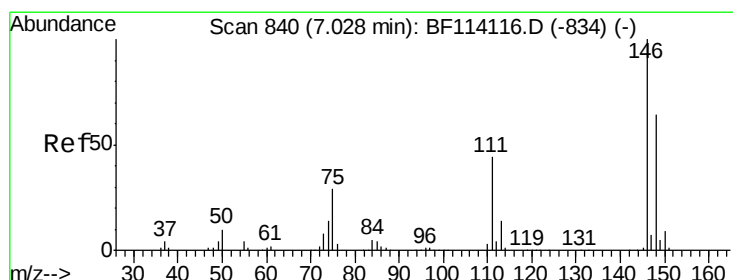
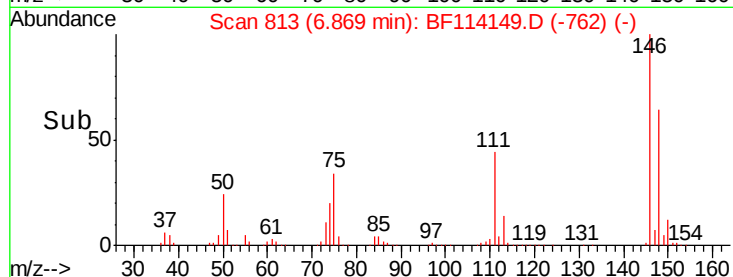
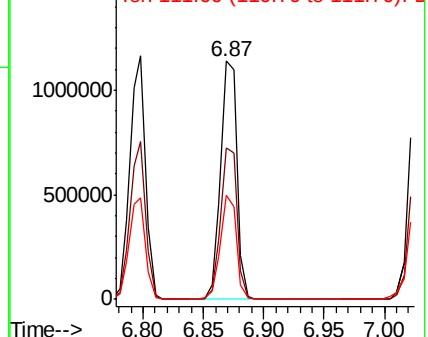
146 100

148 63.8 50.2 75.2

111 43.5 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: 39.872 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

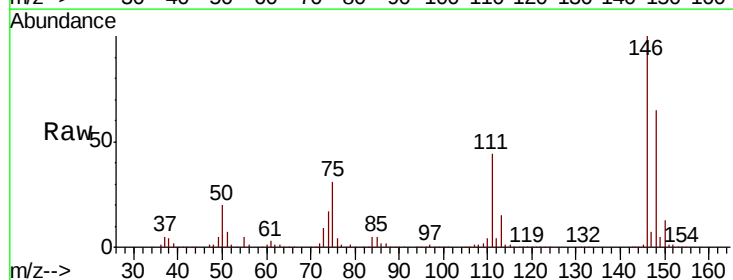
Tgt Ion:146 Resp: 976590

Ion Ratio Lower Upper

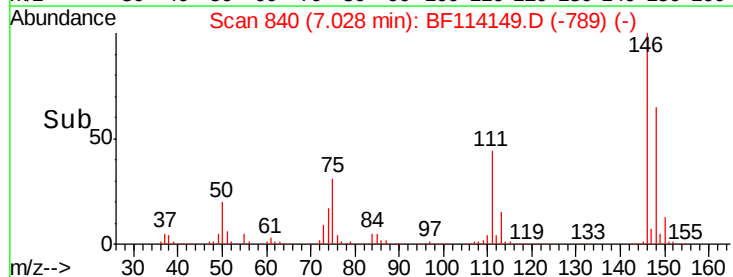
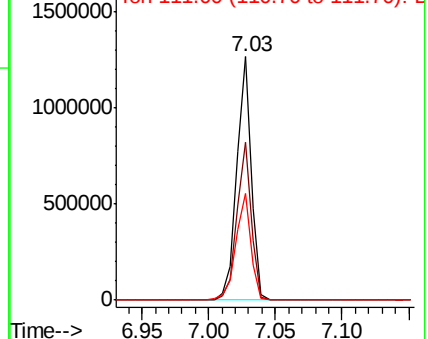
146 100

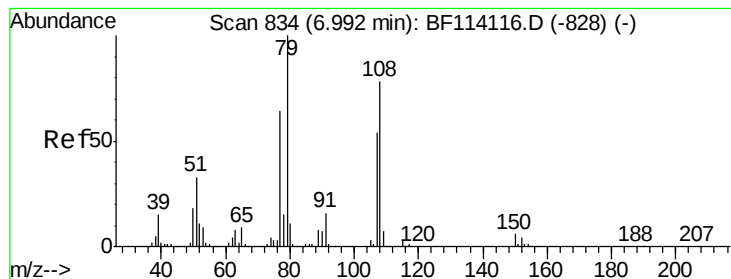
148 64.6 51.1 76.7

111 43.9 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.159 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

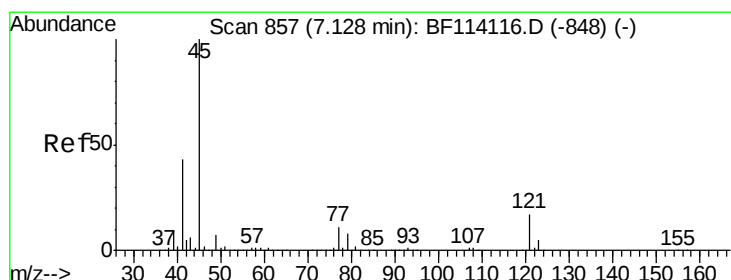
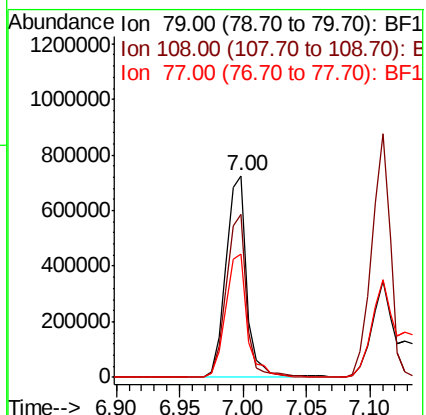
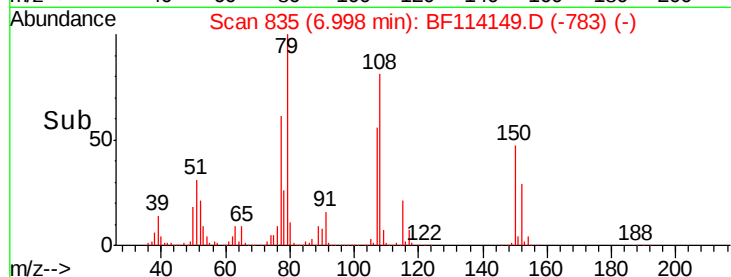
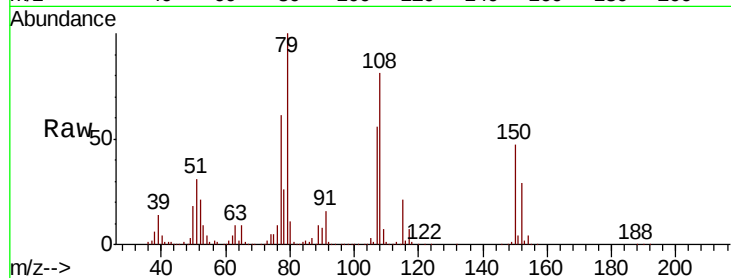
Tot Ion: 79 Resp: 822455

Ion Ratio Lower Upper

79 100

108 81.0 62.1 93.1

77 60.8 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.865 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

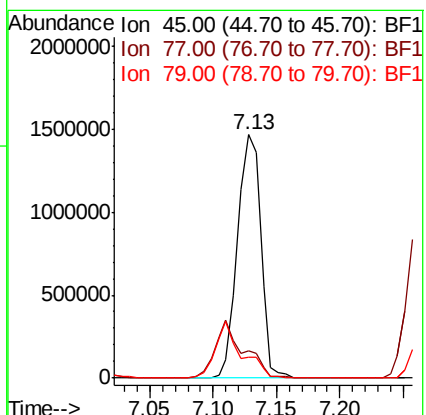
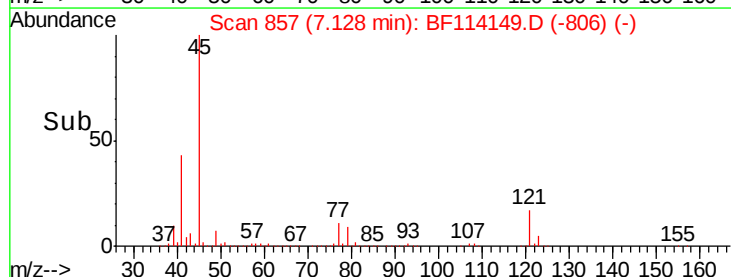
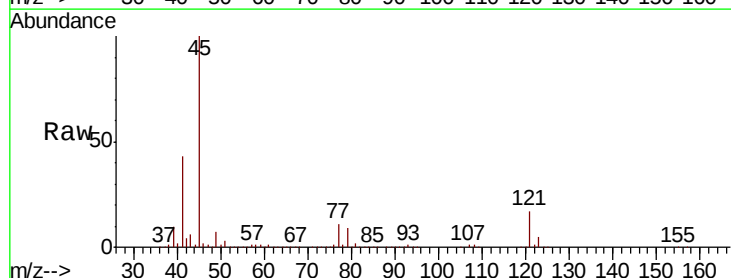
Tgt Ion: 45 Resp: 1858147

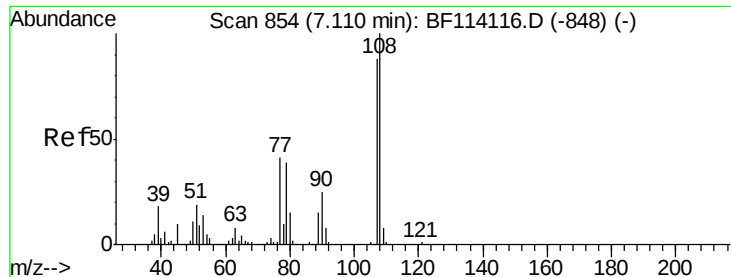
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.1

79 8.8 0.0 28.4

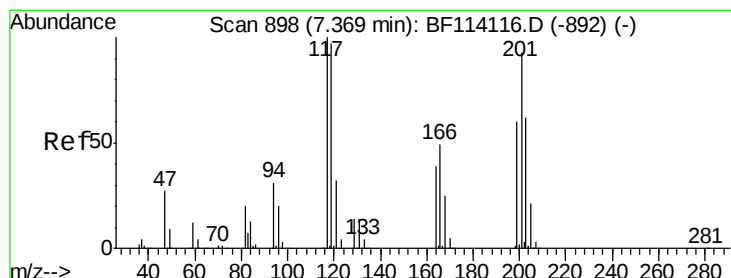
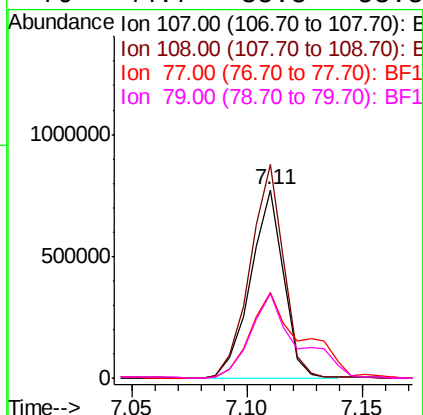
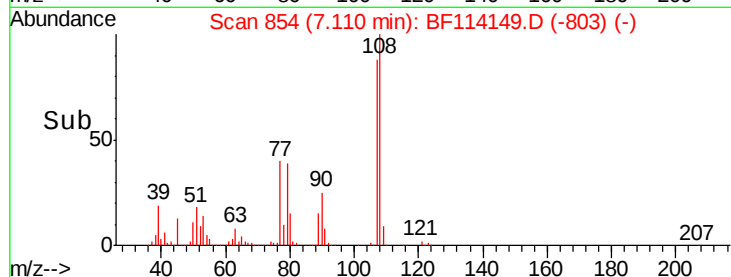
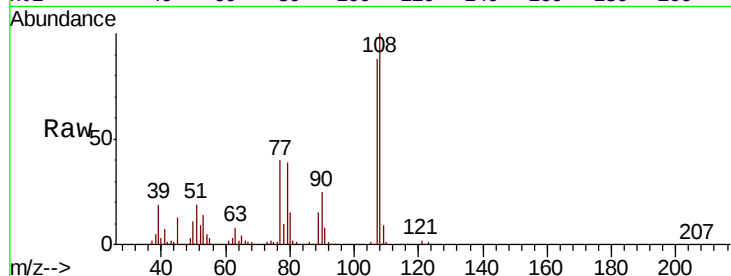




#17
2-Methylphenol
Concen: 39.825 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

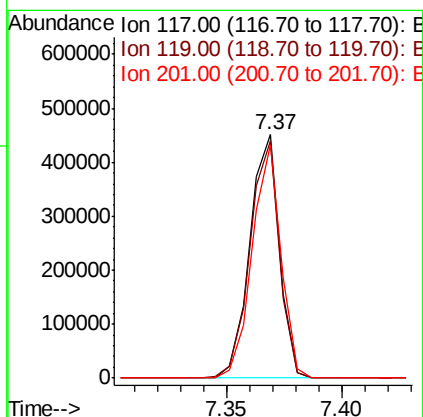
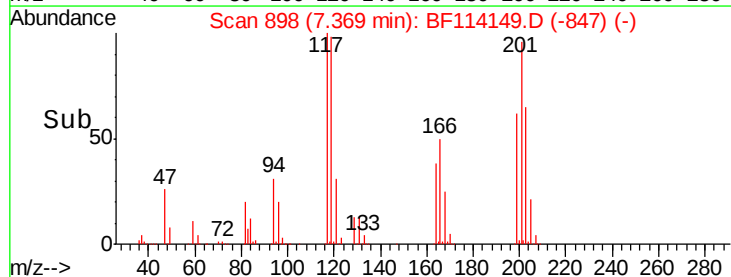
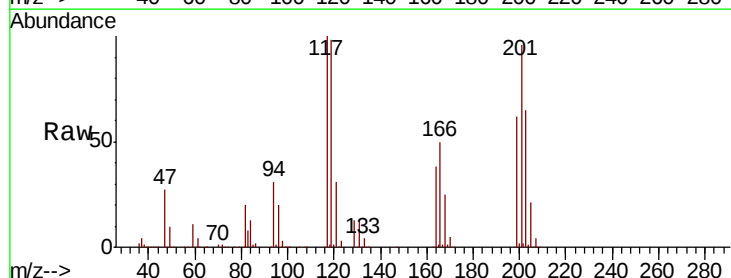
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	775385
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.5	135.7
77	45.6	37.0	55.4
79	44.7	35.8	53.8



#18
Hexachloroethane
Concen: 40.330 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:	117	Resp:	405851
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.4	116.2
201	95.8	74.5	111.7

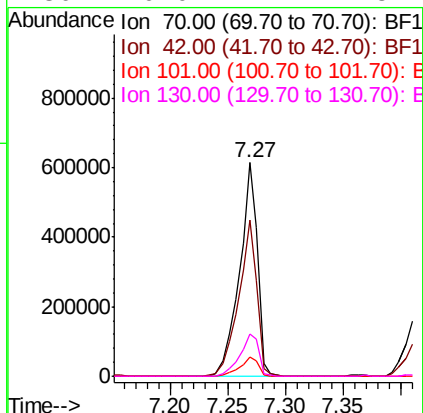
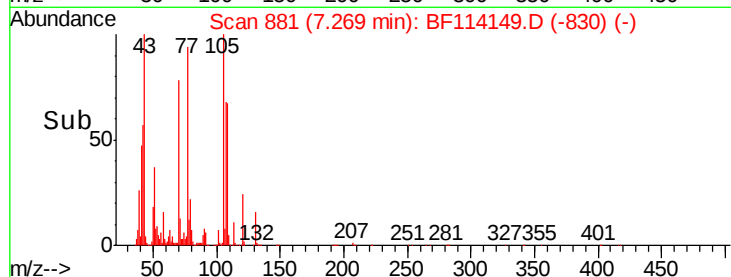
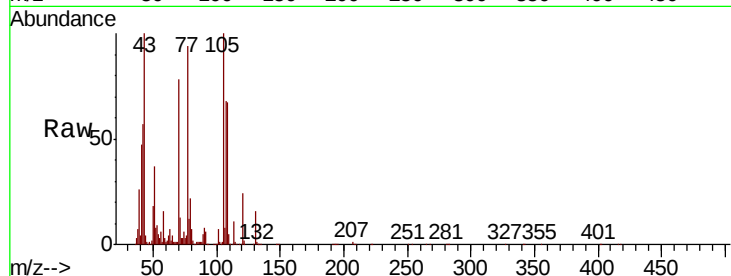




#19
n-Nitroso-di-n-propylamine
Concen: 39.824 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

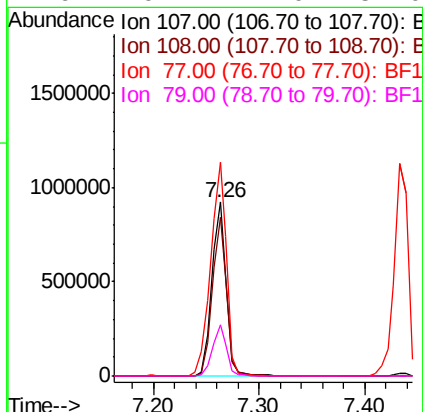
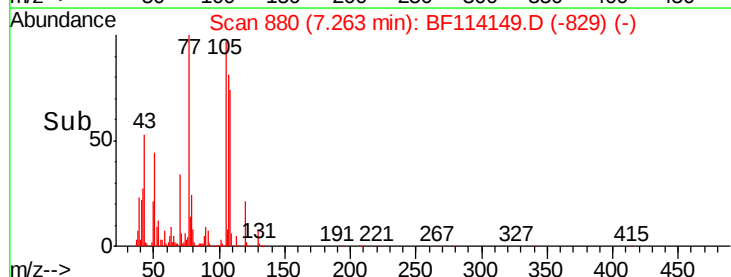
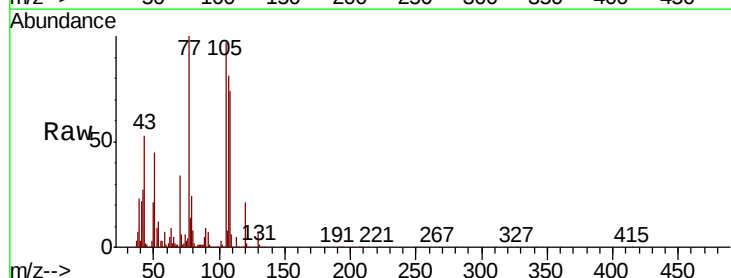
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

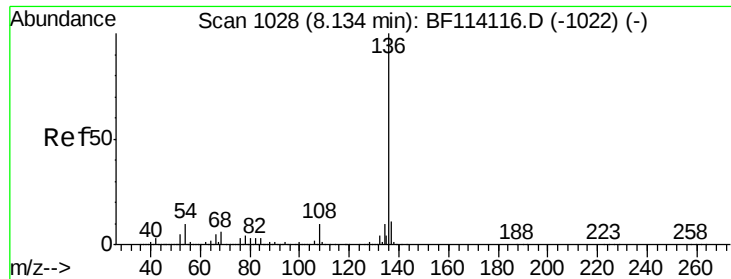
Tot Ion:	70	Resp:	662831
Ion	Ratio	Lower	Upper
70	100		
42	73.4	58.6	87.8
101	9.3	7.8	11.8
130	20.0	17.1	25.7



#20
3+4-Methylphenols
Concen: 39.451 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:	107	Resp:	887464
Ion	Ratio	Lower	Upper
107	100		
108	91.1	73.8	113.8
77	123.0	111.5	151.5
79	29.7	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: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1453326

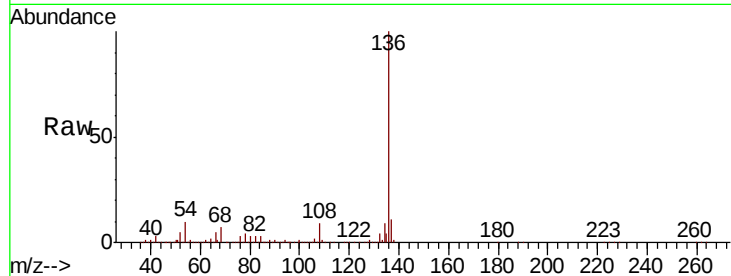
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 10.0 7.8 11.8

68 6.7 5.1 7.7

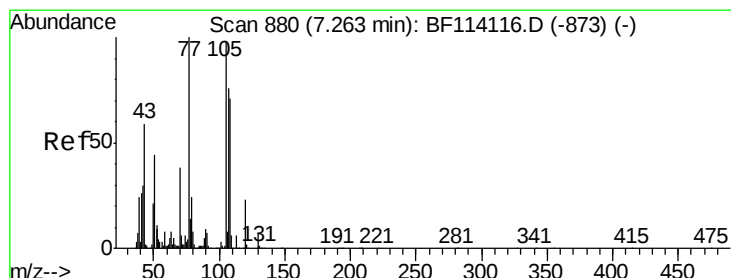
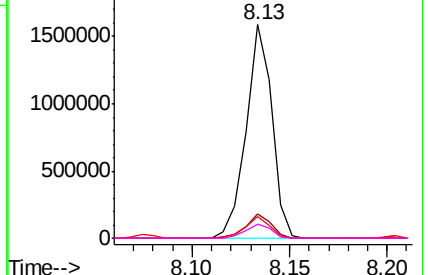
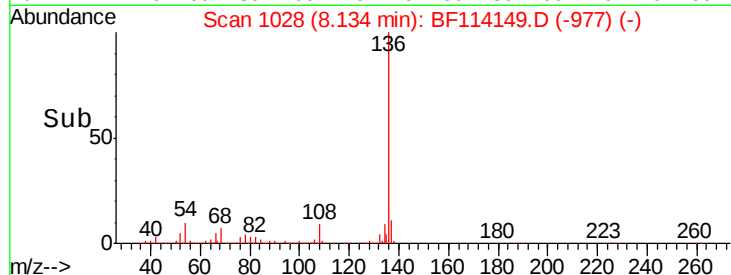


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 37.606 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Tgt Ion:105 Resp: 1210754

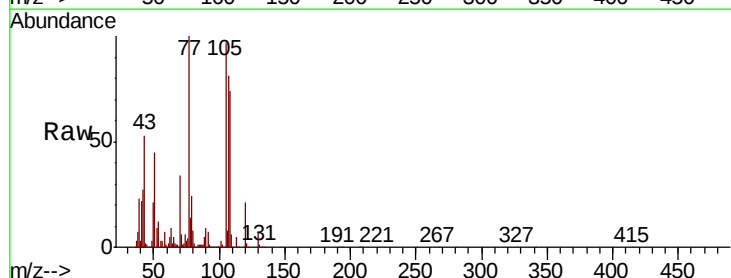
Ion Ratio Lower Upper

105 100

71 5.8 5.3 7.9

51 46.1 36.2 54.4

120 22.1 18.6 28.0

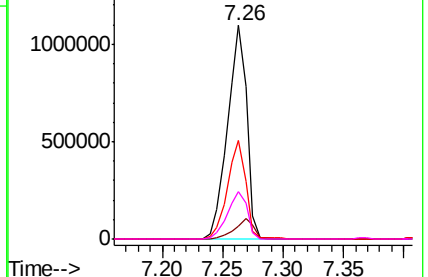
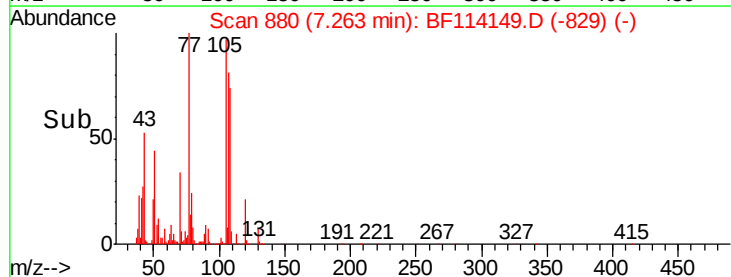


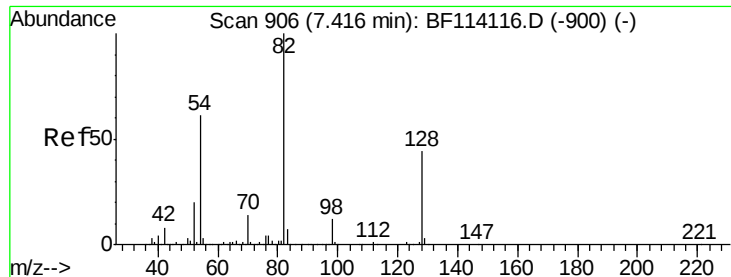
Abundance Ion 105.00 (104.70 to 105.70): E

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

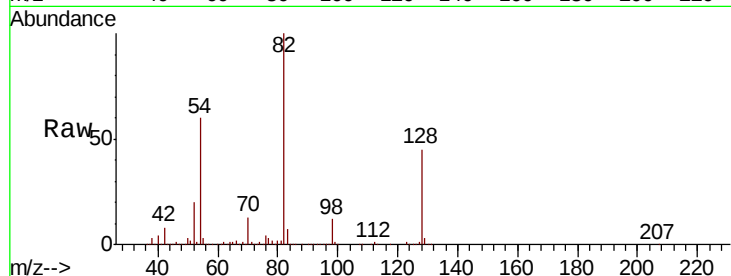




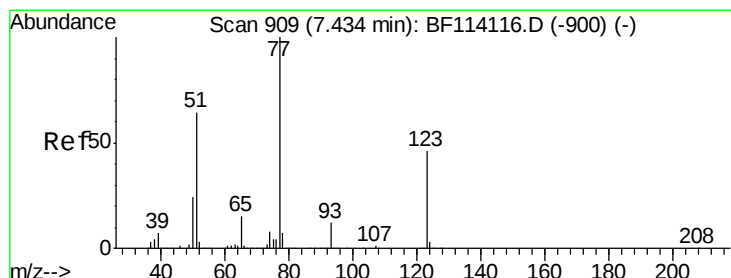
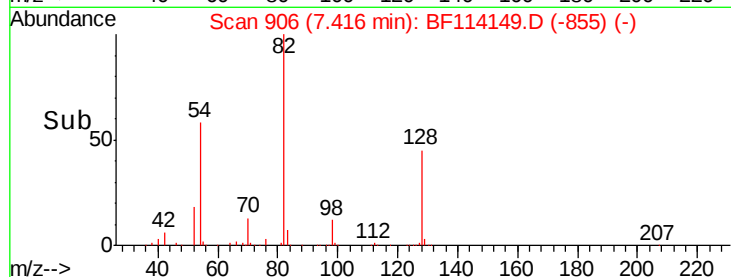
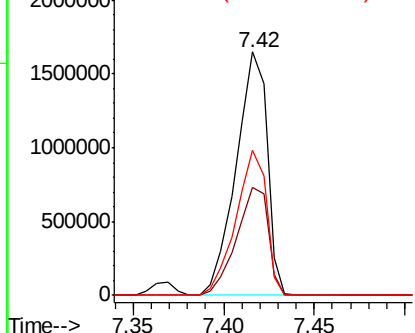
#23
 Nitrobenzene-d5
 Concen: 76.029 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1968913
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.5 53.3
 54 59.7 48.5 72.7

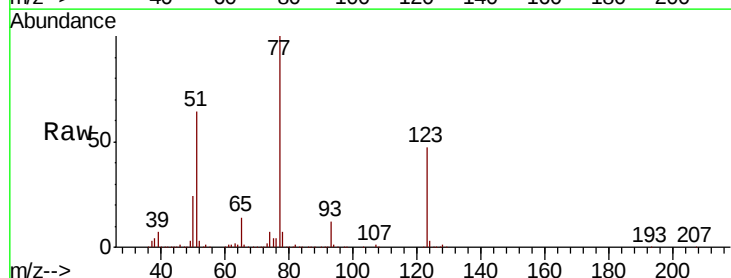


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

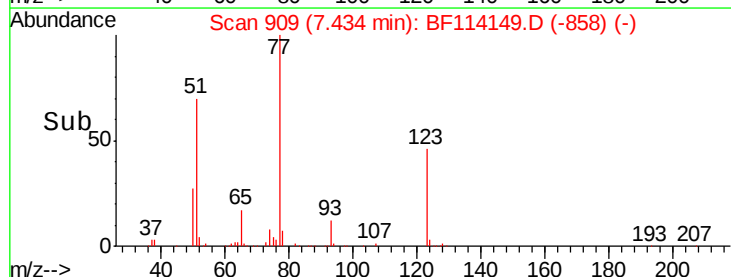
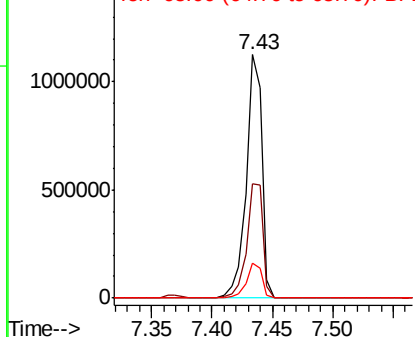


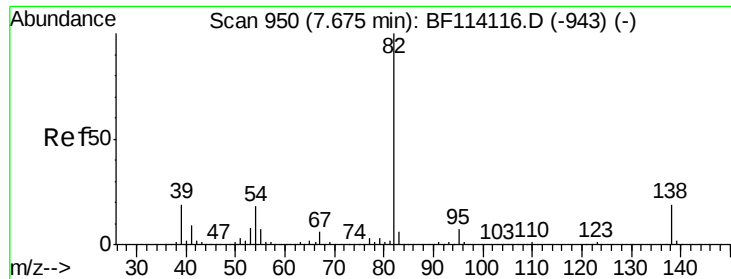
#24
 Nitrobenzene
 Concen: 38.818 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Tgt Ion: 77 Resp: 1023869
 Ion Ratio Lower Upper
 77 100
 123 46.9 36.9 55.3
 65 14.4 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: 38.864 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

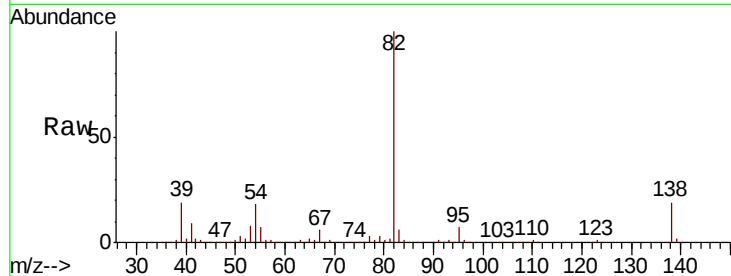
Tot Ion: 82 Resp: 1866572

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

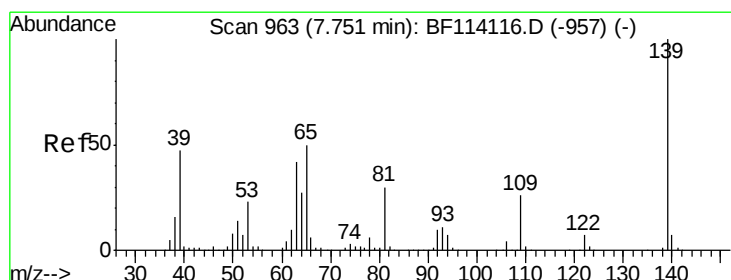
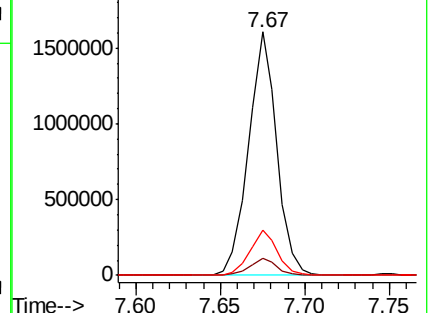
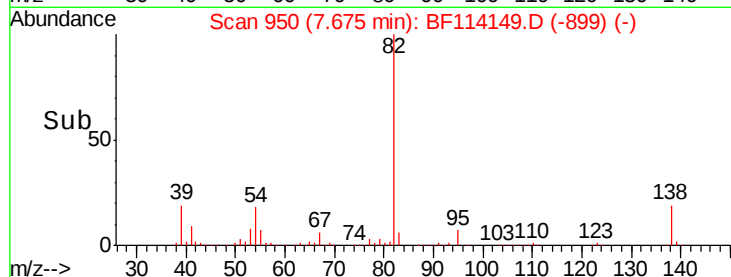
138 18.6 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.197 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

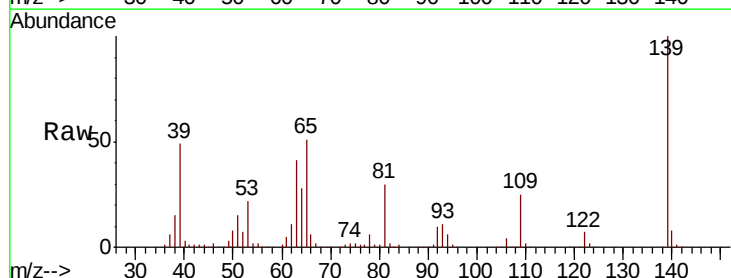
Tgt Ion: 139 Resp: 514391

Ion Ratio Lower Upper

139 100

109 24.8 20.7 31.1

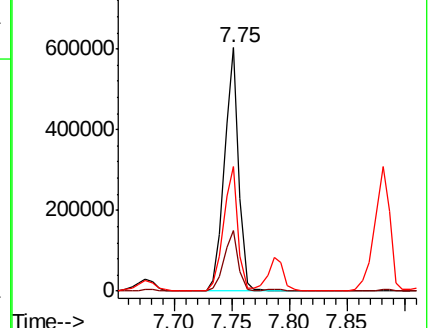
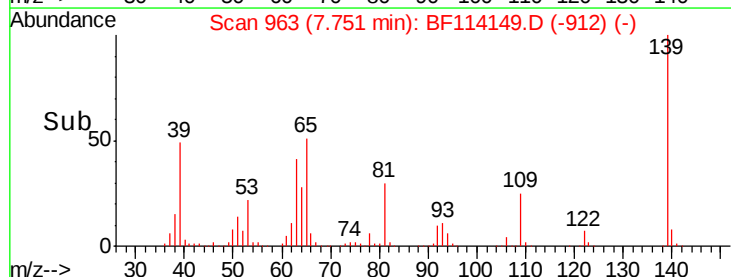
65 51.0 40.2 60.2

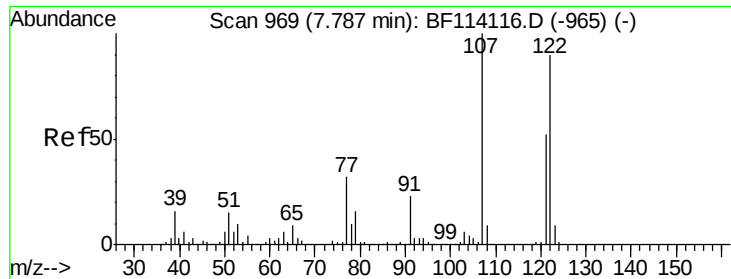


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

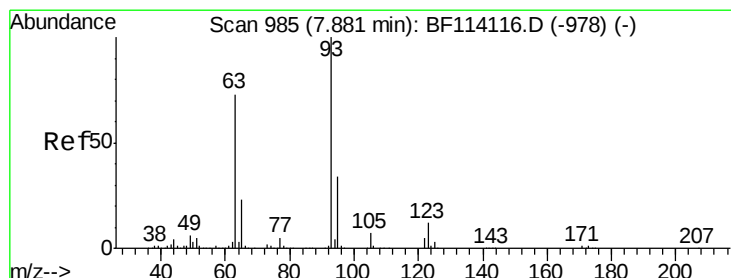
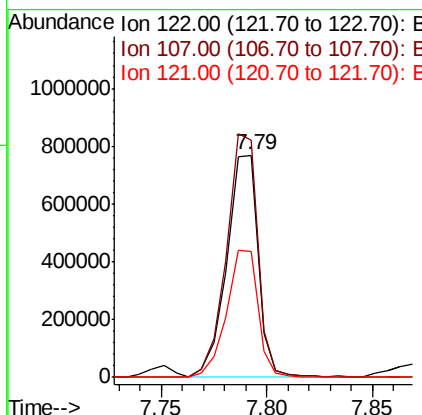
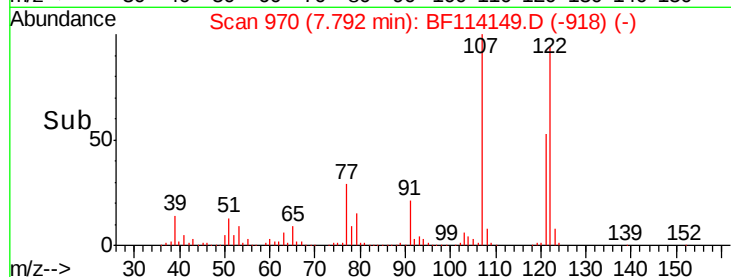
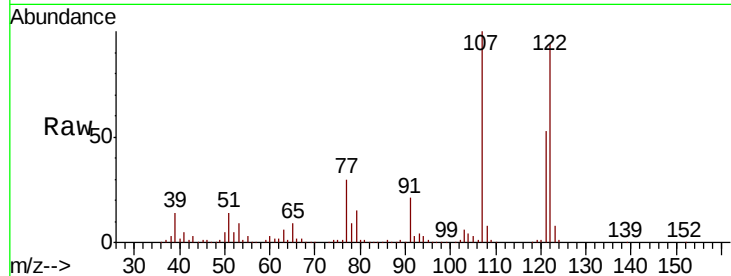




#27
2,4-Dimethylphenol
Concen: 38.766 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

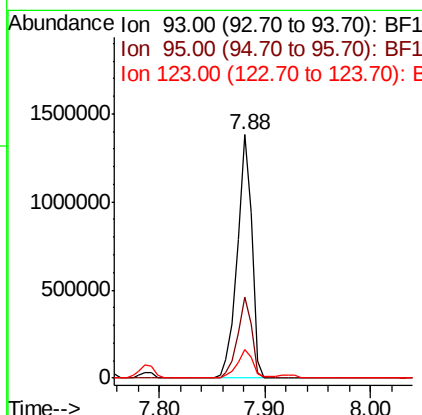
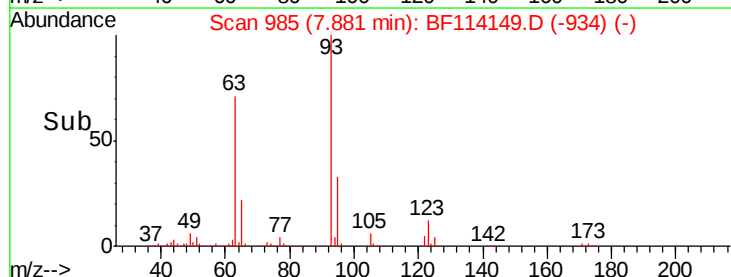
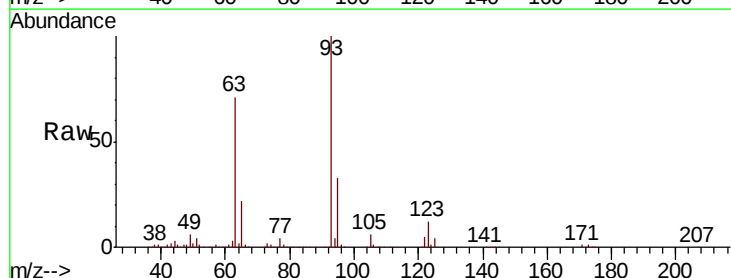
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

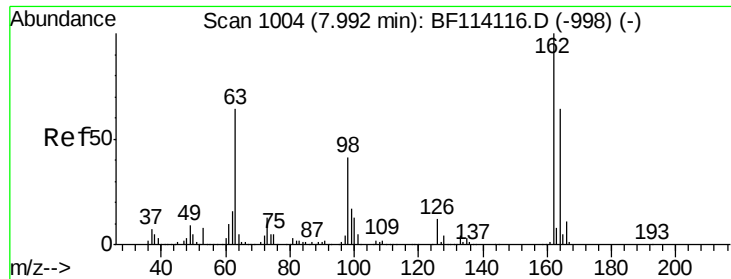
Tot Ion:122 Resp: 779128
Ion Ratio Lower Upper
122 100
107 106.8 88.4 132.6
121 56.9 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.362 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion: 93 Resp: 1288957
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.320 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

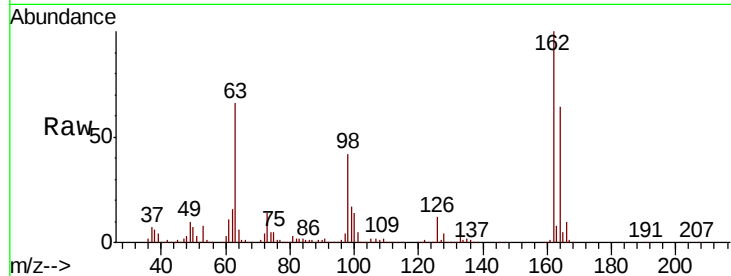
Tot Ion:162 Resp: 806927

Ion Ratio Lower Upper

162 100

164 63.7 43.6 83.6

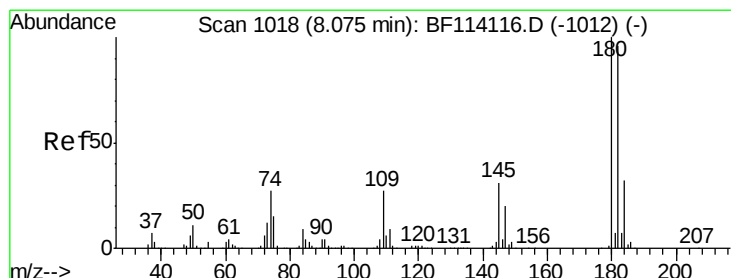
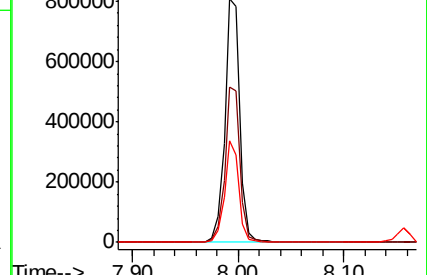
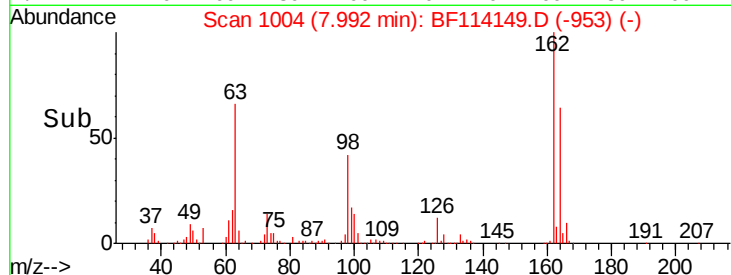
98 41.7 20.6 60.6



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: 39.728 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

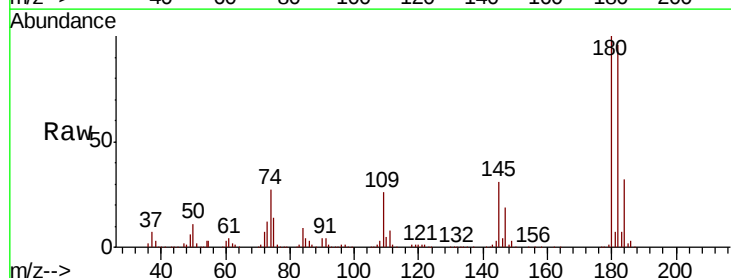
Tgt Ion:180 Resp: 904117

Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

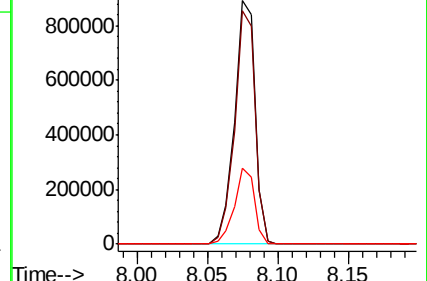
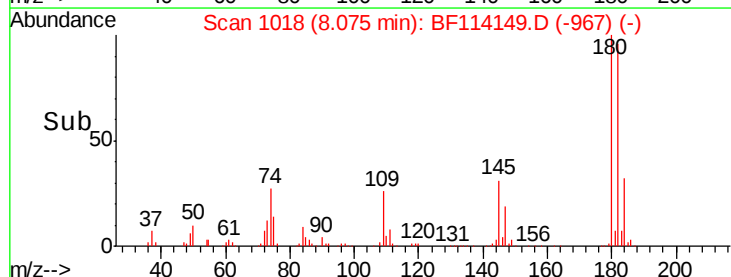
145 31.0 25.1 37.7



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

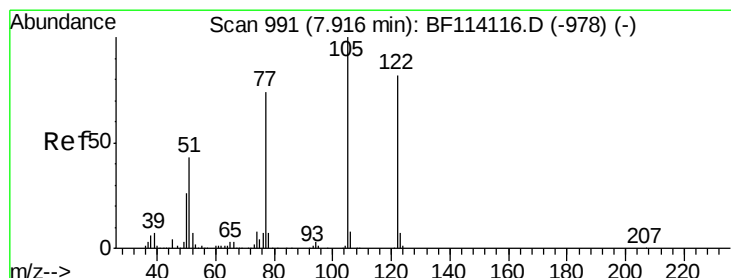
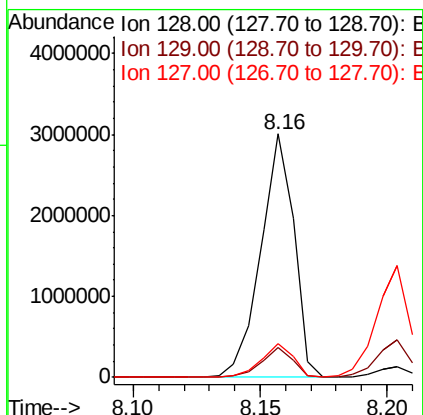
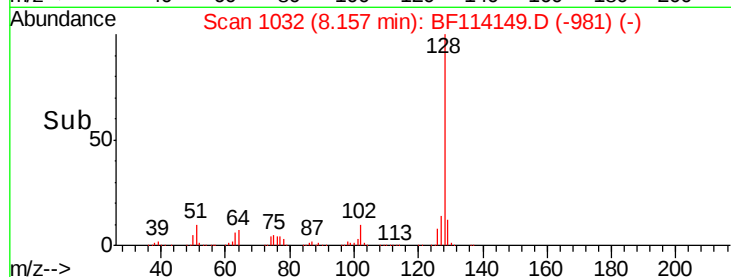
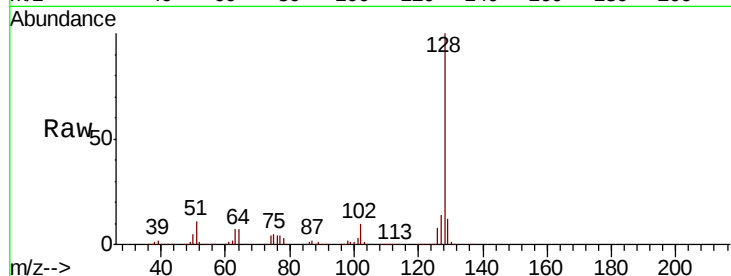




#31
Naphthalene
Concen: 40.658 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

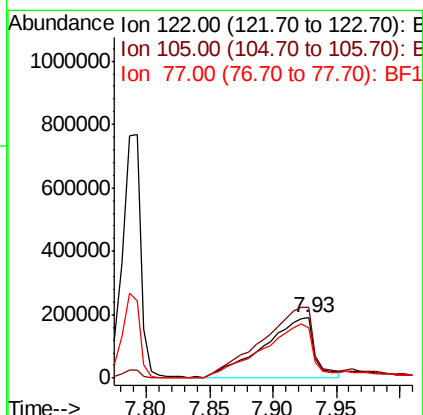
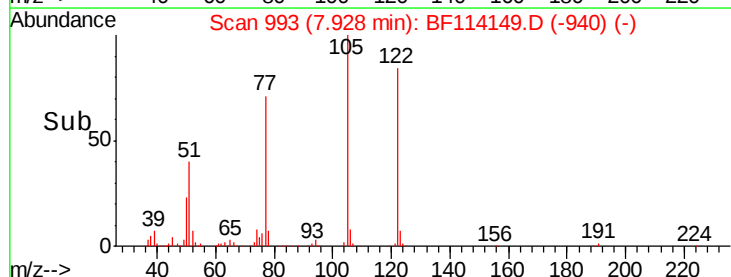
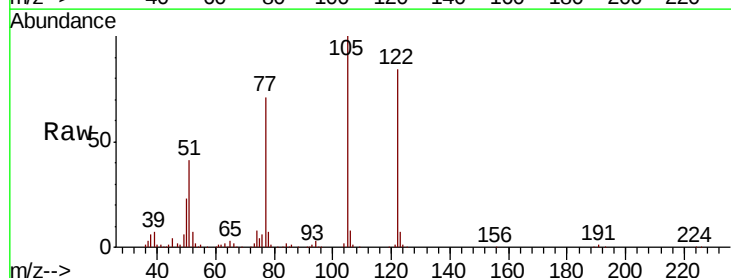
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2760171
Ion Ratio Lower Upper
128 100
129 12.4 9.6 14.4
127 14.0 11.3 16.9



#32
Benzoic acid
Concen: 37.934 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:122 Resp: 518912
Ion Ratio Lower Upper
122 100
105 118.4 99.9 139.9
77 84.6 69.4 109.4

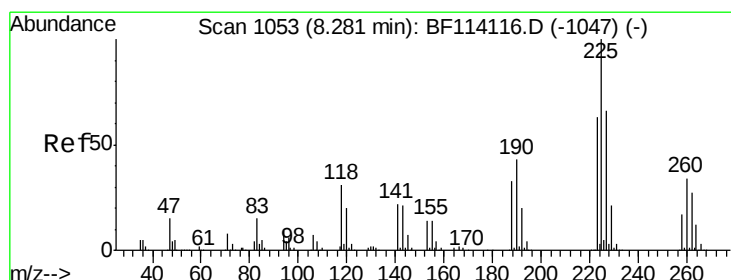
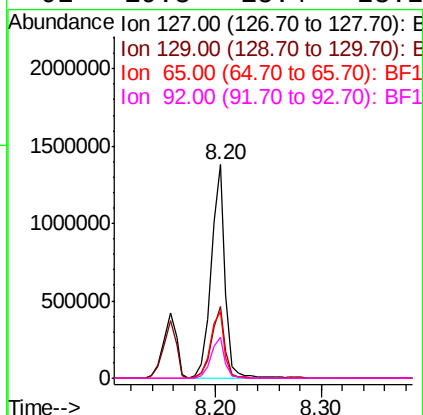
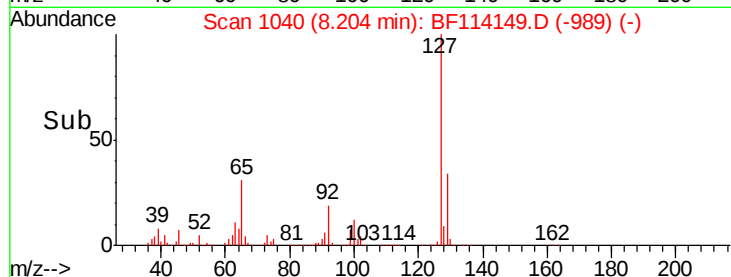
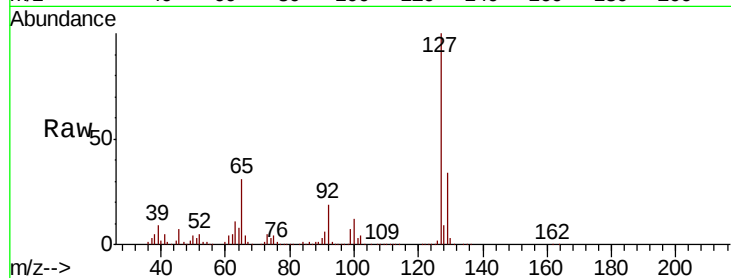




#33
4-Chloroaniline
Concen: 40.928 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

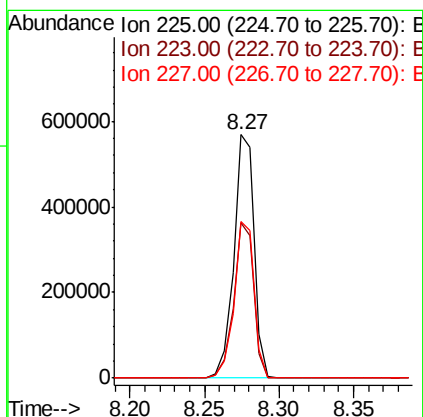
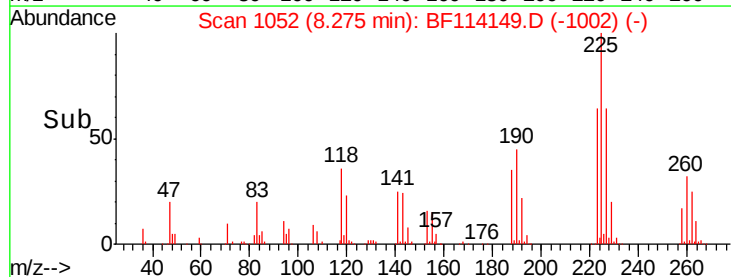
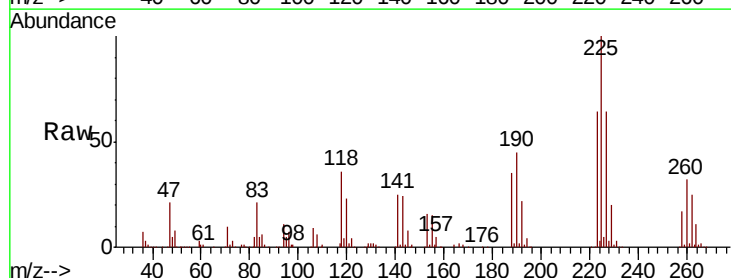
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

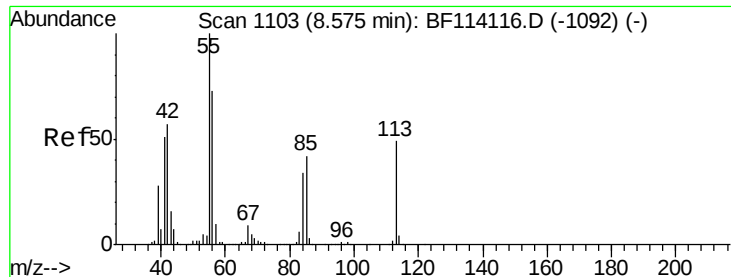
Tot Ion:	127	Resp:	1266137
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.7	40.1
65	31.3	25.4	38.0
92	19.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 41.864 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:	225	Resp:	542084
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.2
227	64.5	52.6	79.0

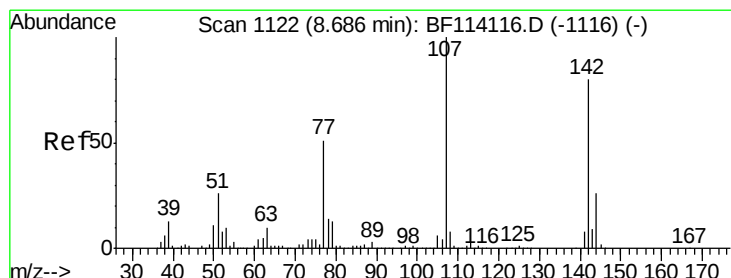
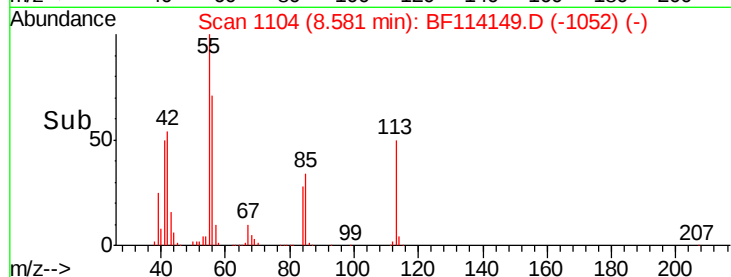
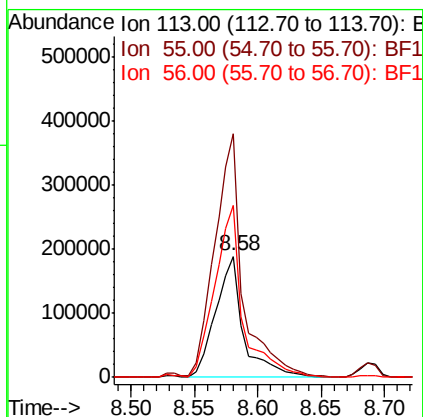
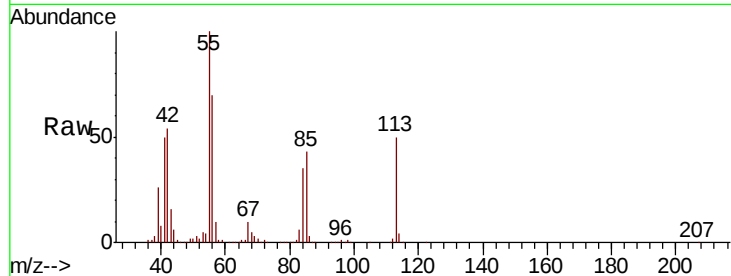




#35
 Caprolactam
 Concen: 44.388 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

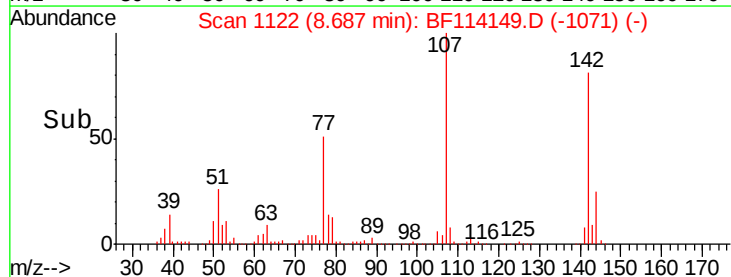
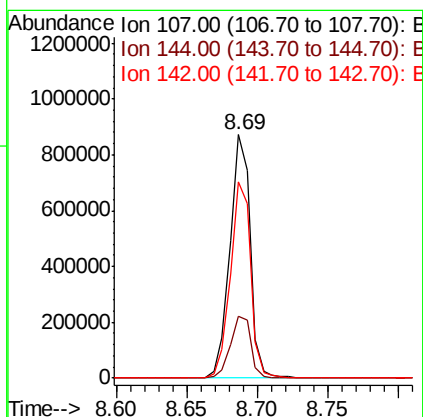
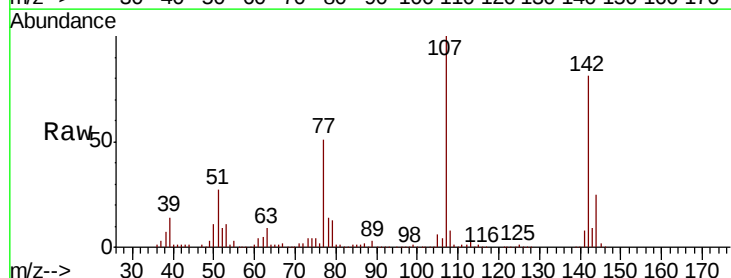
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

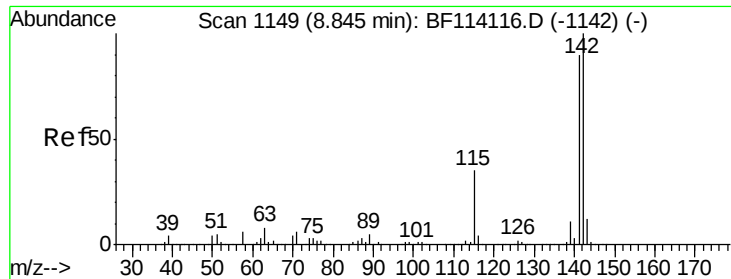
Tot Ion:113 Resp: 289663
 Ion Ratio Lower Upper
 113 100
 55 200.9 183.5 223.5
 56 141.6 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.194 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Tgt Ion:107 Resp: 870132
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.4 30.6
 142 80.6 64.2 96.4

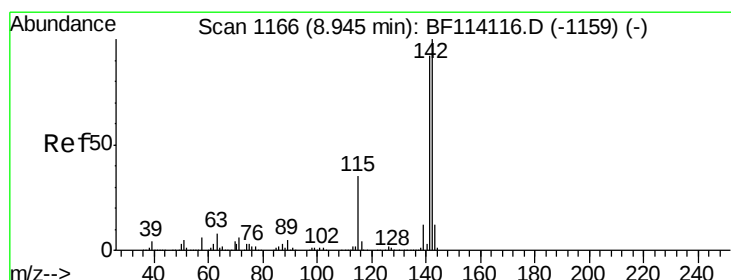
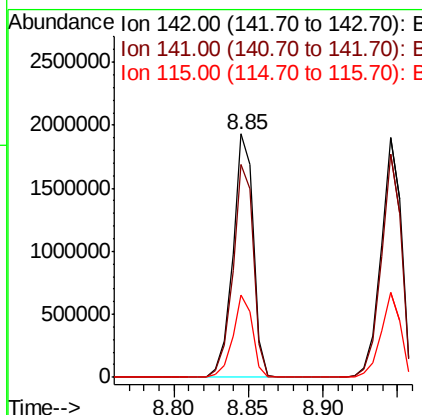
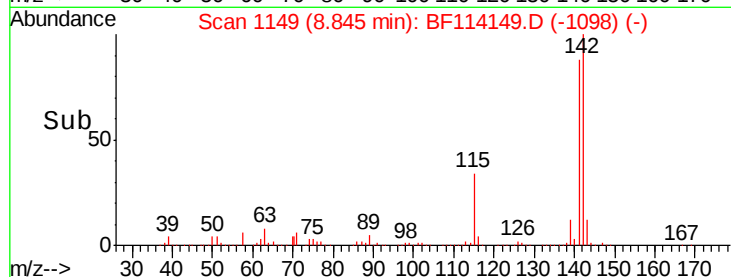
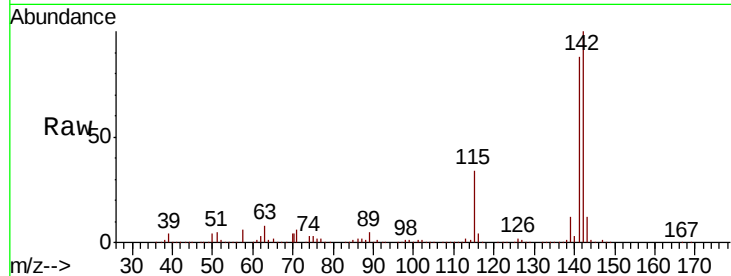




#37
2-Methylnaphthalene
Concen: 42.587 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

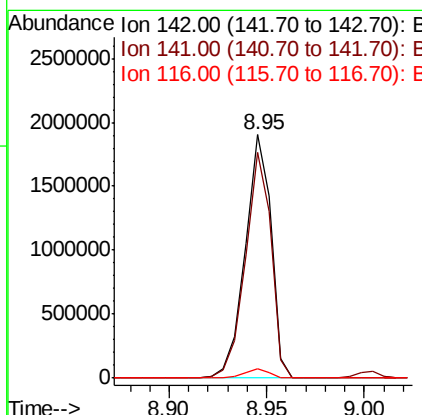
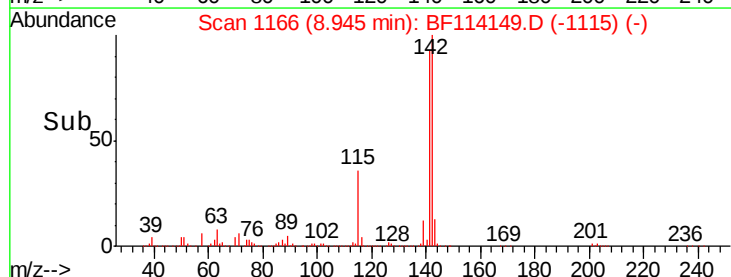
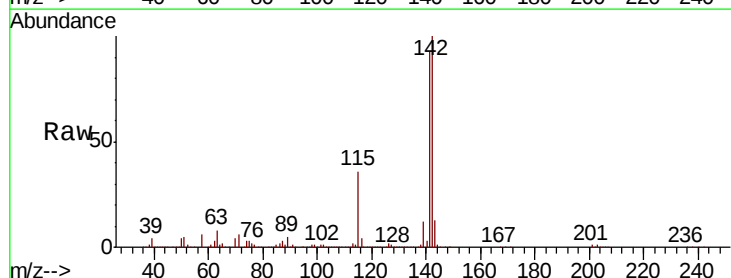
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

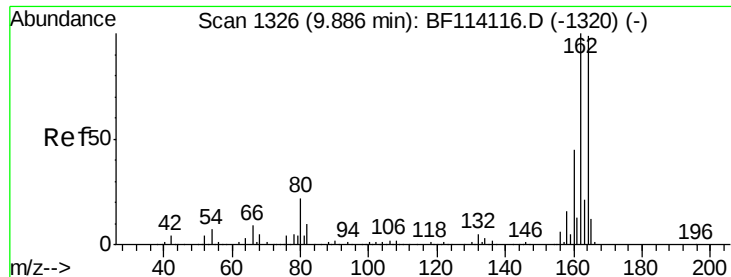
Tot Ion:142 Resp: 1865324
Ion Ratio Lower Upper
142 100
141 87.5 72.1 108.1
115 33.9 28.0 42.0



#38
1-Methylnaphthalene
Concen: 42.335 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:142 Resp: 1746234
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.0
116 3.6 3.1 4.7

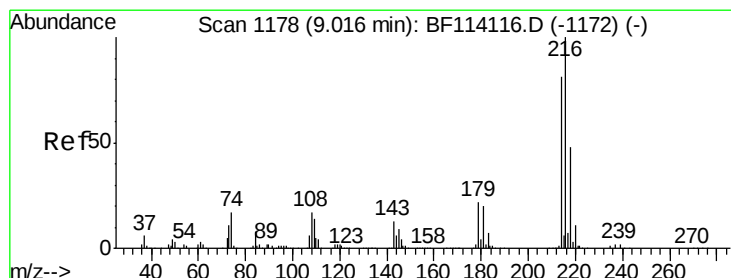
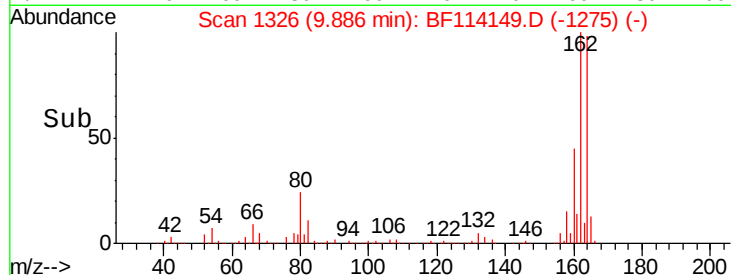
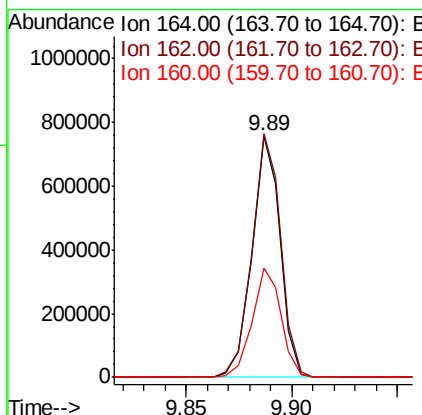
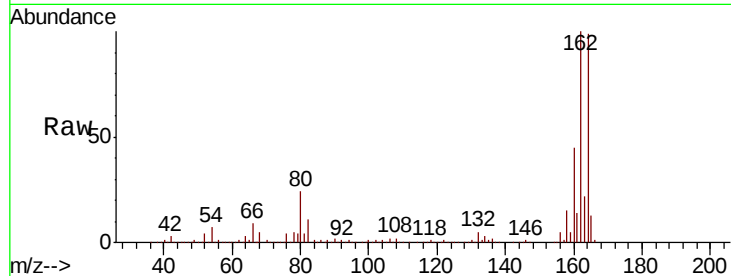




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

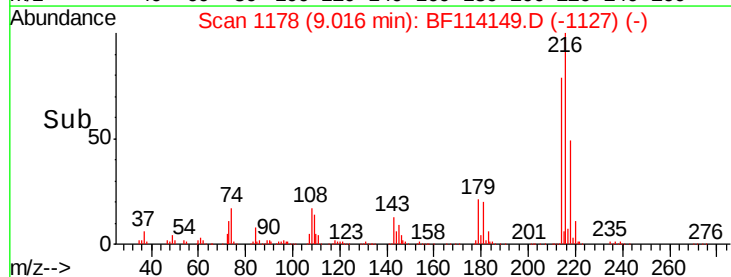
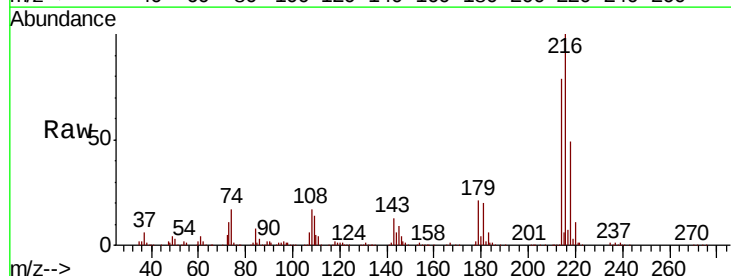
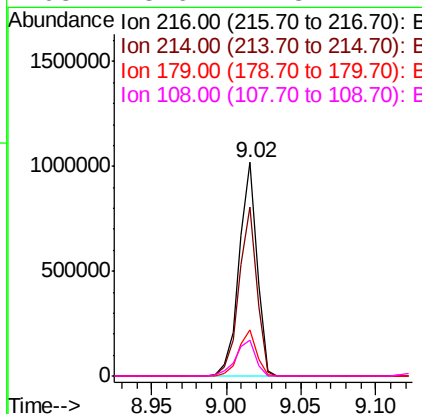
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

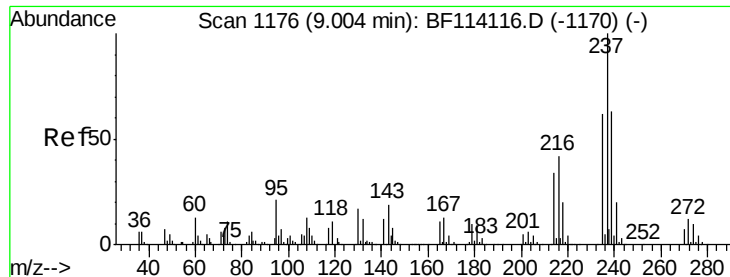
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	45.1	36.5	54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.461 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.9	95.9
179	21.2	17.0	25.6
108	18.6	14.8	22.2

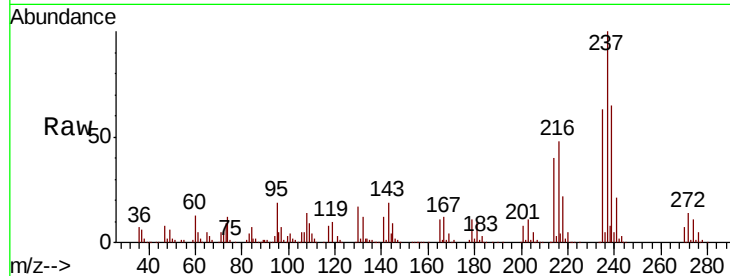




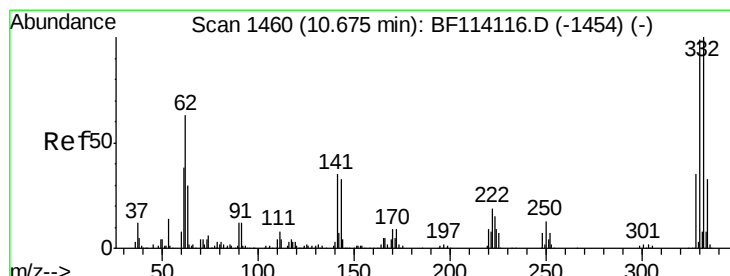
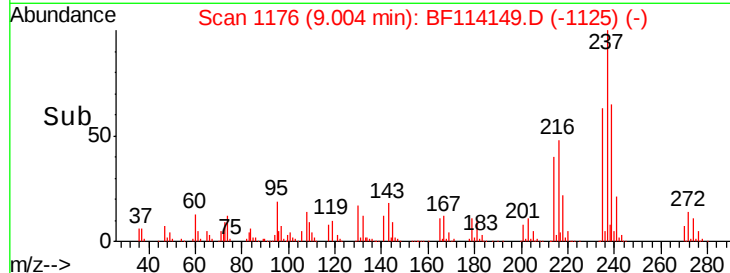
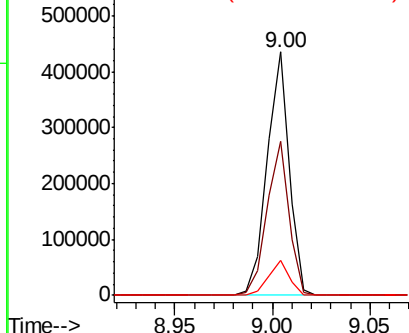
#41
Hexachlorocyclopentadiene
Concen: 37.054 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	237	Resp:	341710
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.0	82.0
272	14.2	0.0	32.4

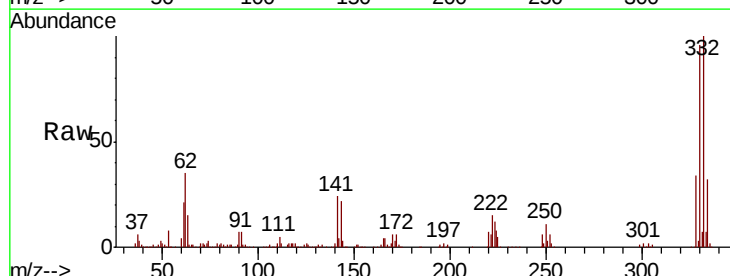


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

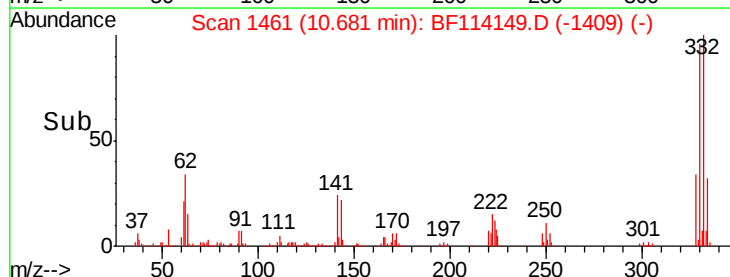
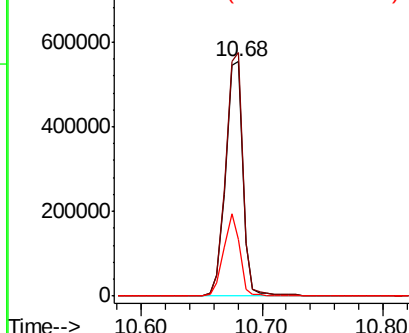


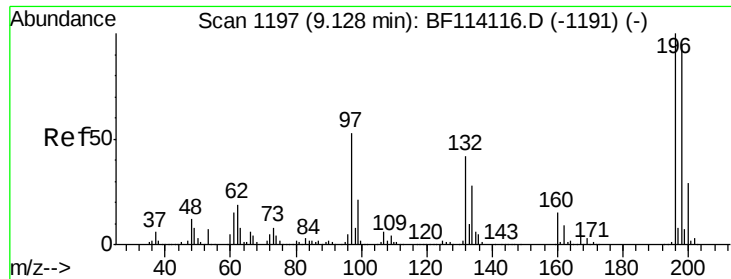
#42
2,4,6-Tribromophenol
Concen: 77.033 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:	330	Resp:	557315
Ion	Ratio	Lower	Upper
330	100		
332	102.4	81.4	122.2
141	32.5	26.6	40.0



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

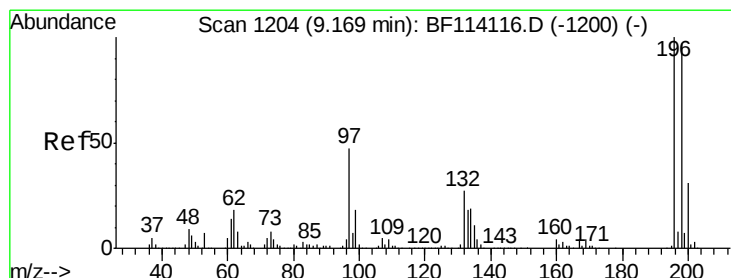
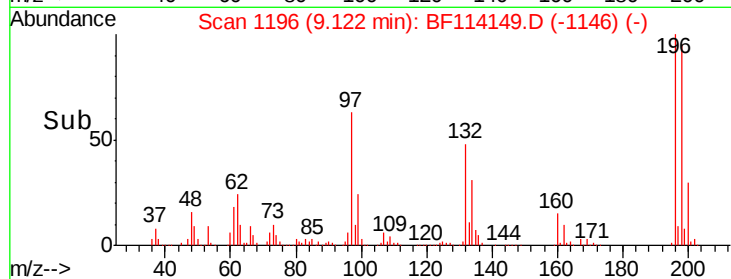
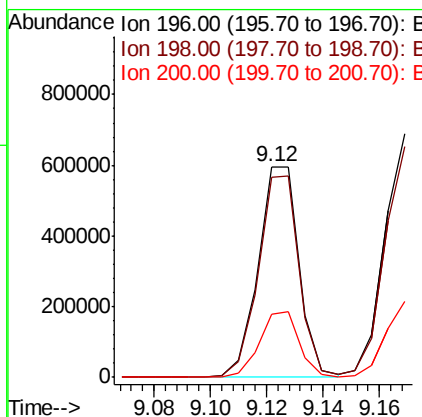
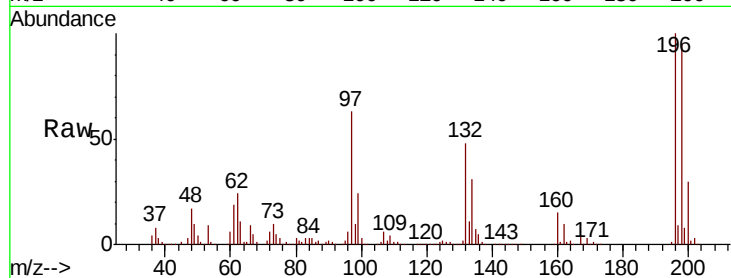




#43
 2,4,6-Trichlorophenol
 Concen: 41.017 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

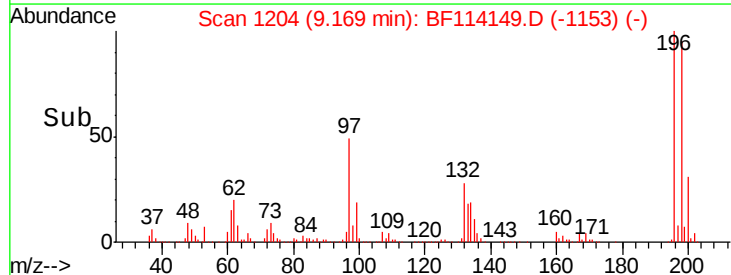
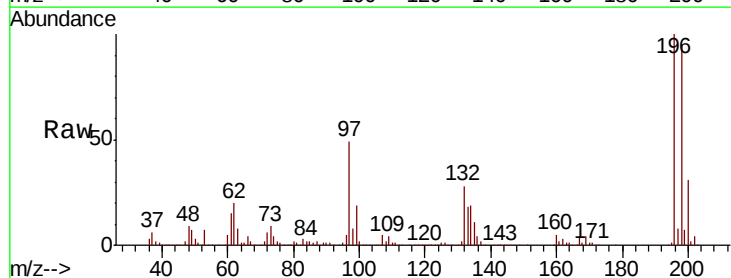
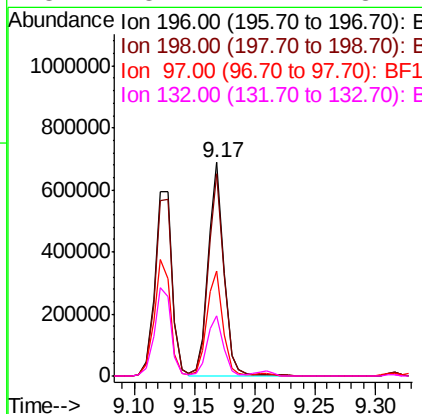
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

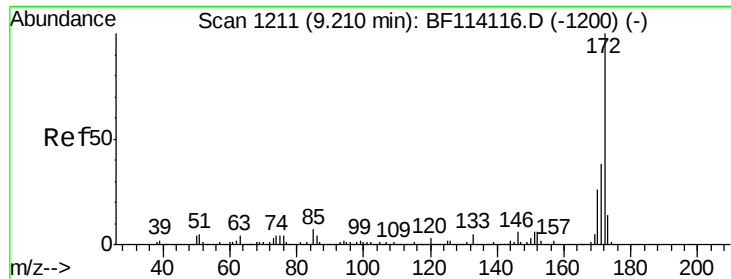
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.9	113.9
200	29.8	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.223 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.7	116.5
97	49.4	38.2	57.2
132	28.4	21.4	32.2



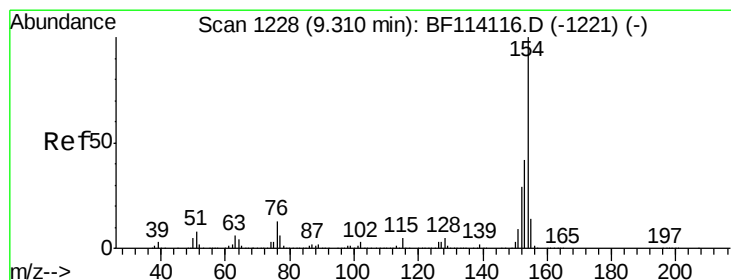
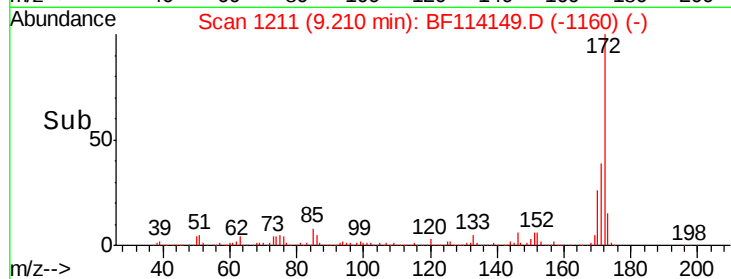
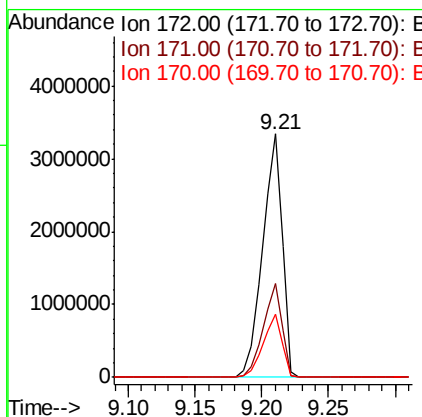
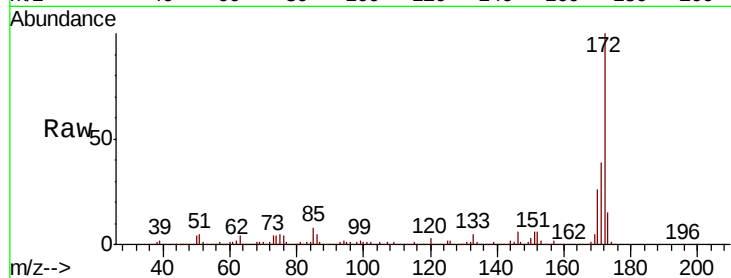


#45
 2-Fluorobiphenyl
 Concen: 72.901 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 3372569

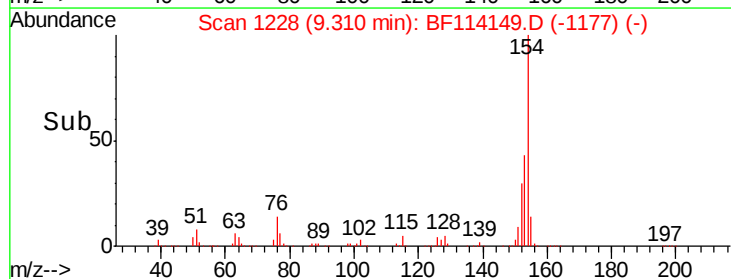
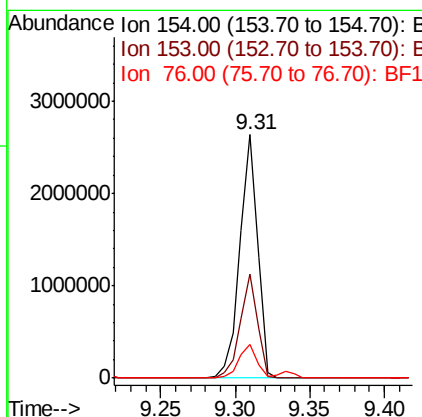
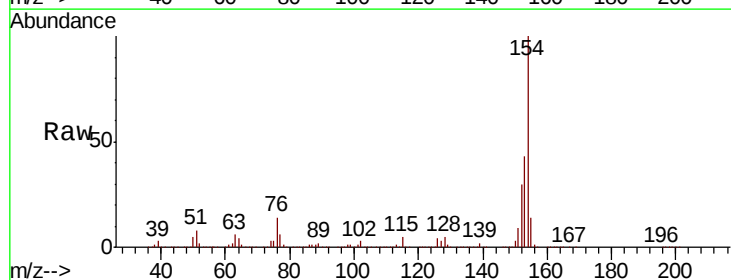
Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.7	46.1
170	25.8	20.5	30.7

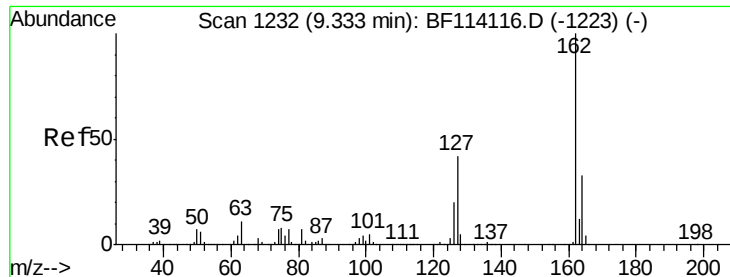


#46
 1,1'-Biphenyl
 Concen: 39.188 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Tgt Ion:154 Resp: 2215485

Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.9	61.9
76	14.0	0.0	32.8

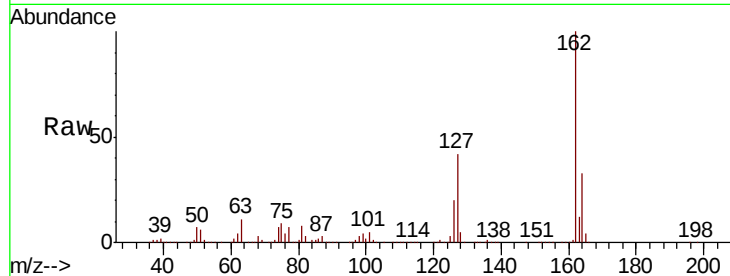




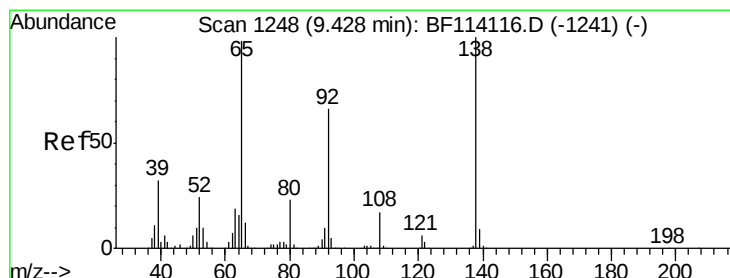
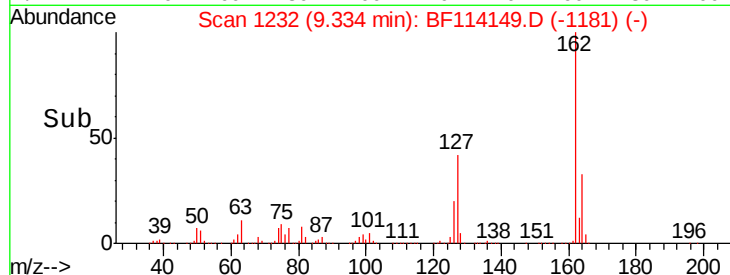
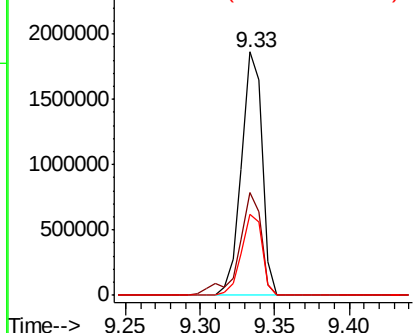
#47
 2-Chloronaphthalene
 Concen: 39.434 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 162 Resp: 1794166
 Ion Ratio Lower Upper
 162 100
 127 42.3 34.0 51.0
 164 33.5 26.7 40.1

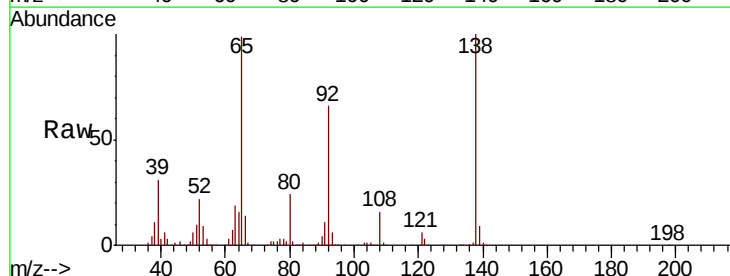


Abundance Ion 162.00 (161.70 to 162.70): E
 2500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

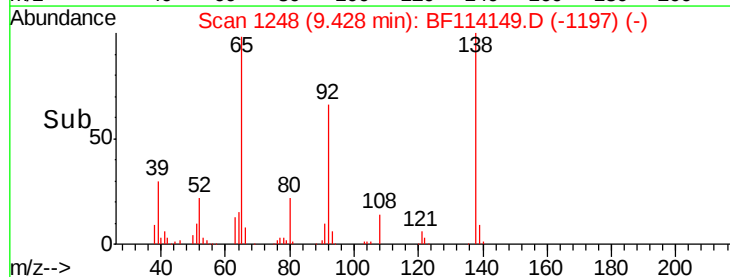
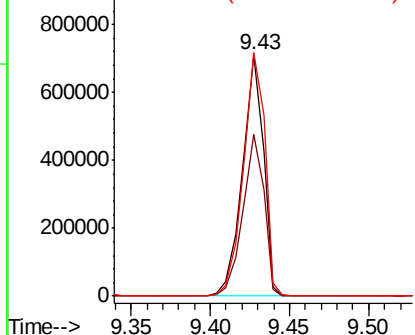


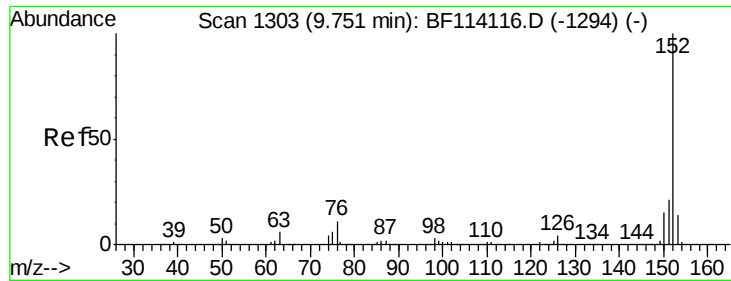
#48
 2-Nitroaniline
 Concen: 40.341 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Tgt Ion: 65 Resp: 650931
 Ion Ratio Lower Upper
 65 100
 92 67.1 53.9 80.9
 138 101.0 81.4 122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 1000000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.507 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

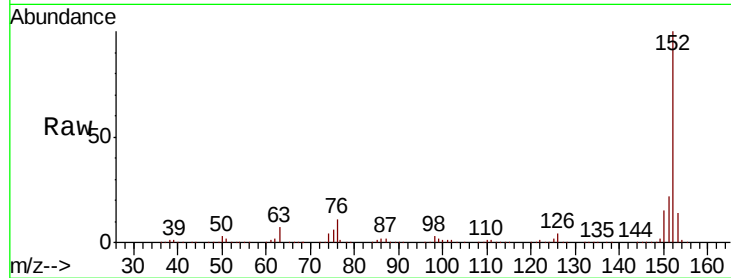
Tot Ion:152 Resp: 2733874

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

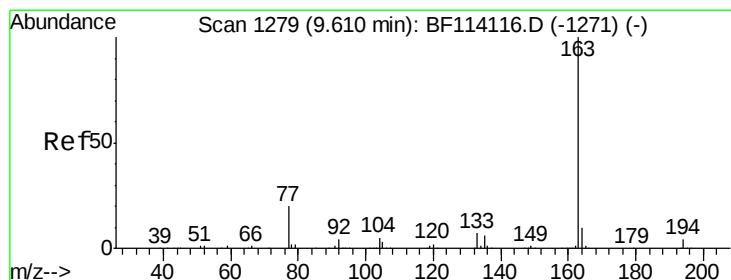
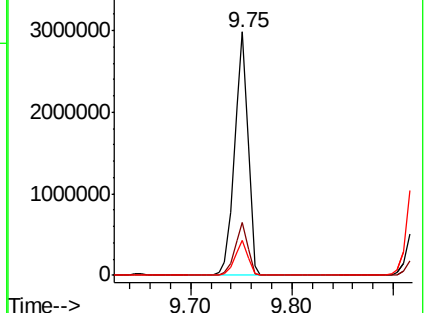
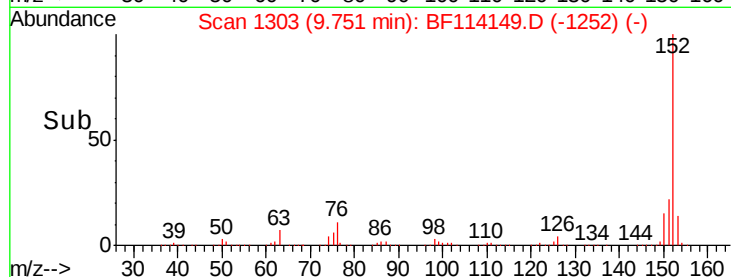
153 14.5 11.4 17.2



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: 40.054 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

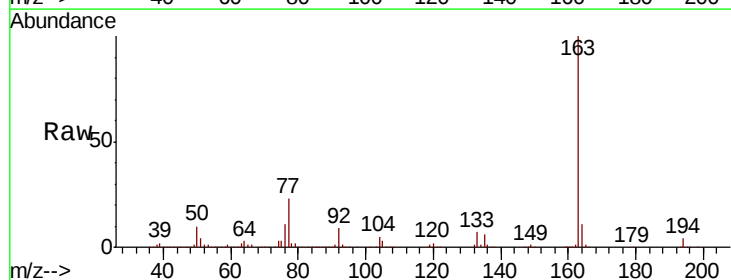
Tgt Ion:163 Resp: 2057646

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

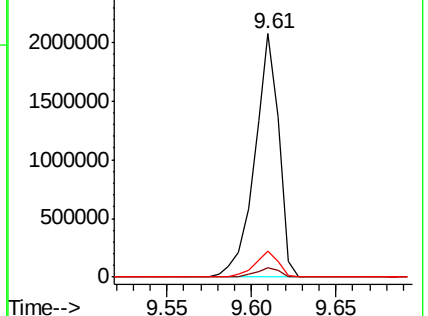
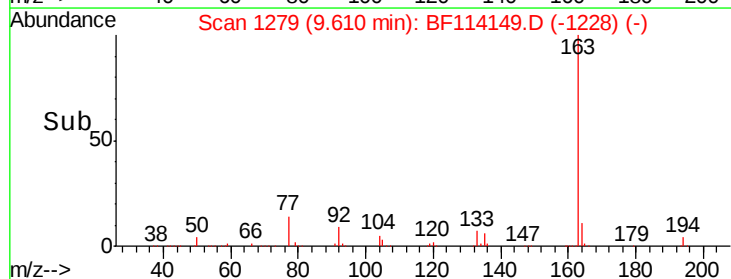
164 10.8 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.239 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

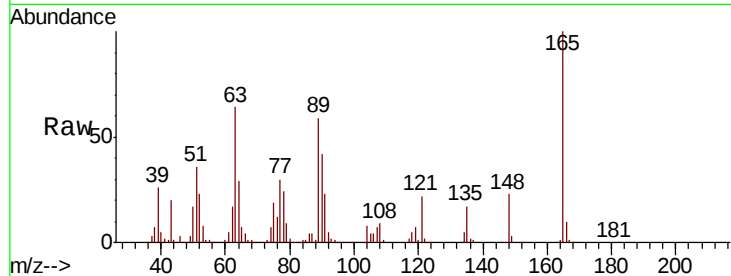
Tot Ion:165 Resp: 458487

Ion Ratio Lower Upper

165 100

63 64.0 50.2 75.4

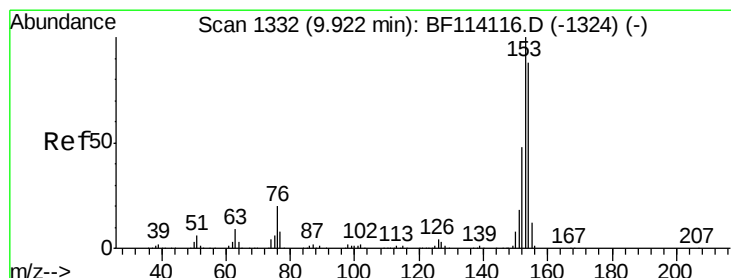
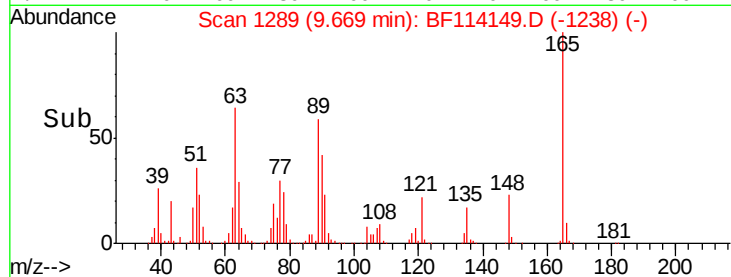
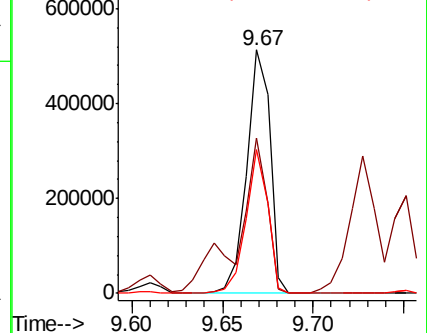
89 59.3 46.6 69.8



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: 40.880 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

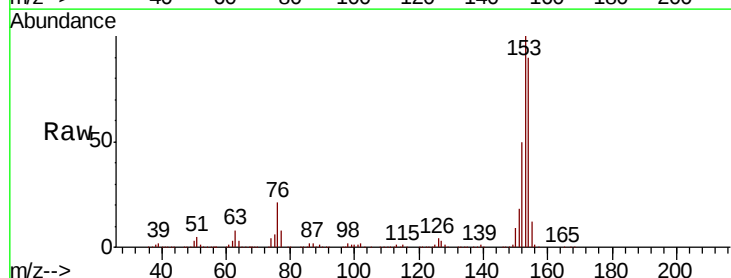
Tgt Ion:154 Resp: 1735934

Ion Ratio Lower Upper

154 100

153 111.7 90.5 135.7

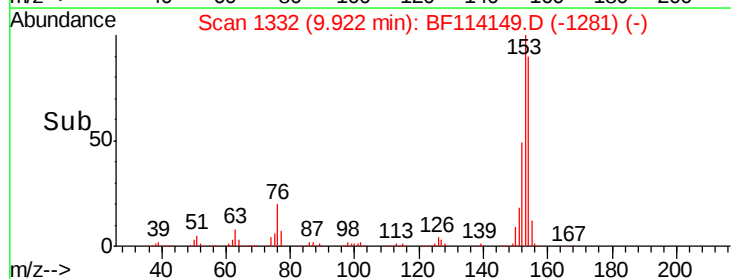
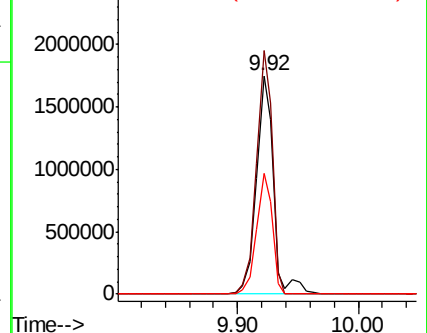
152 55.3 43.4 65.2



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

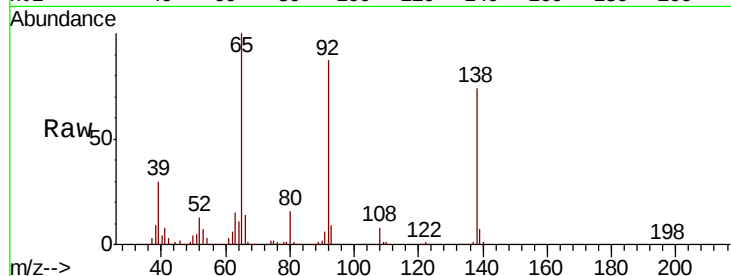




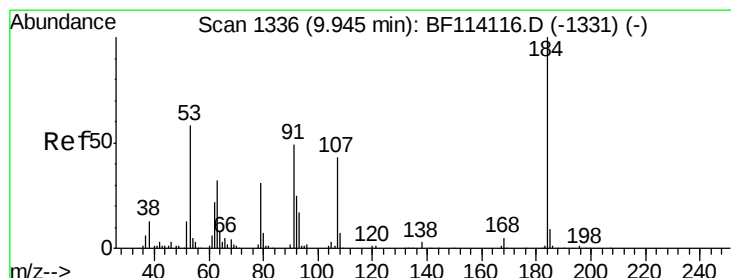
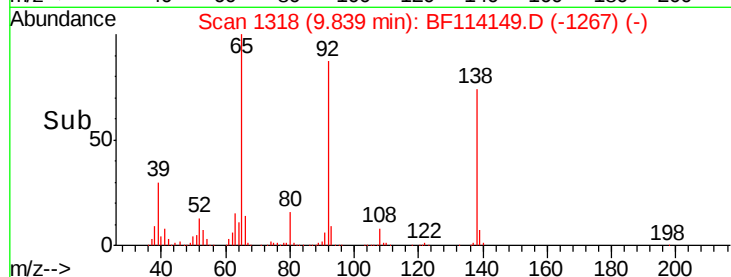
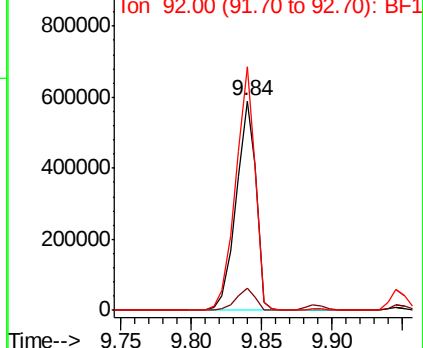
#53
3-Nitroaniline
Concen: 40.510 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 572977
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 116.3 91.2 136.8

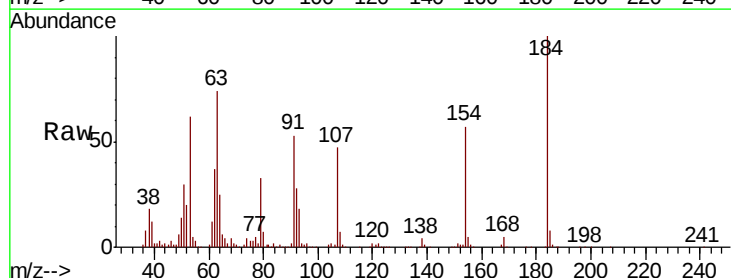


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

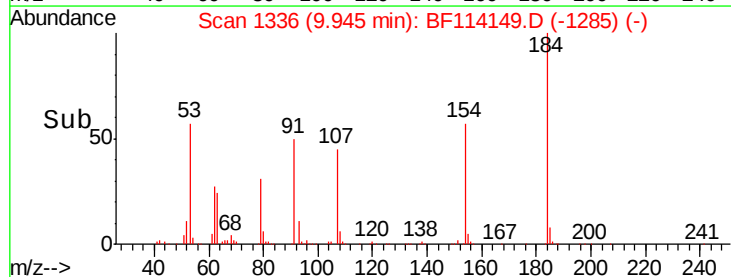
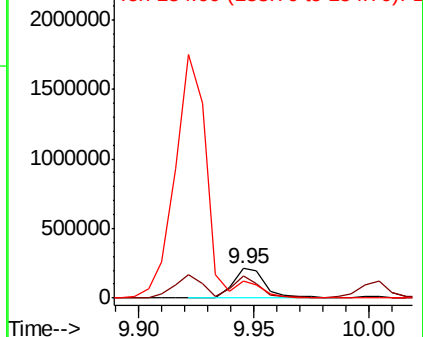


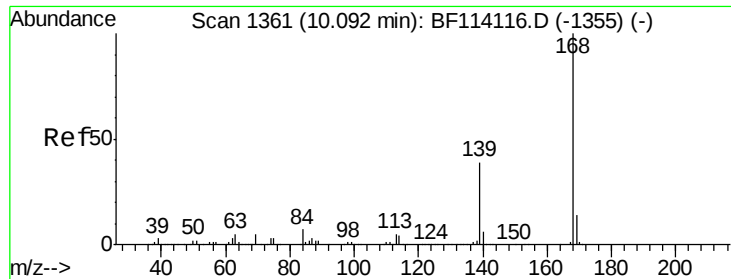
#54
2,4-Dinitrophenol
Concen: 39.986 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:184 Resp: 207988
Ion Ratio Lower Upper
184 100
63 73.7 55.6 83.4
154 57.2 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

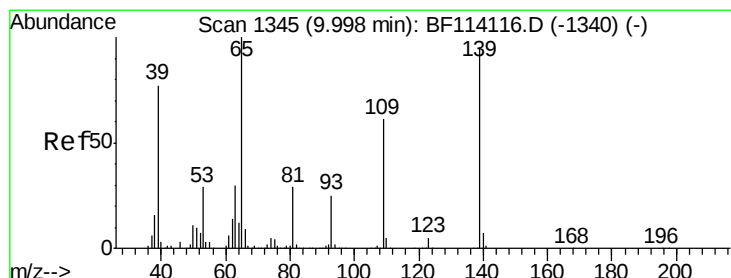
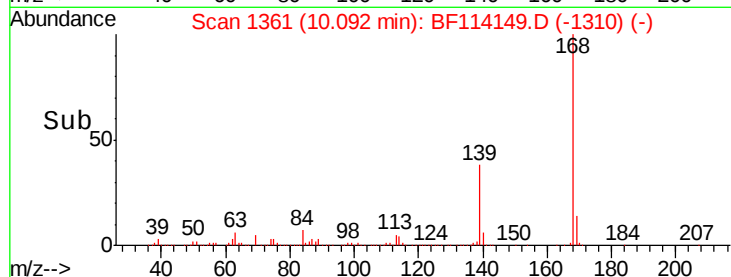
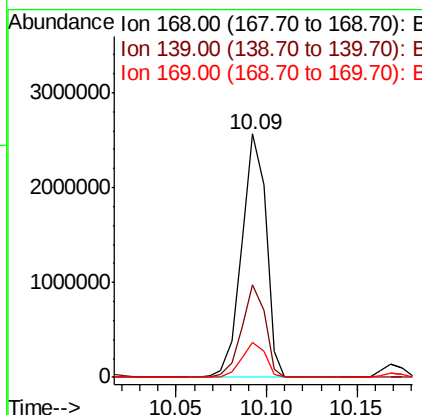
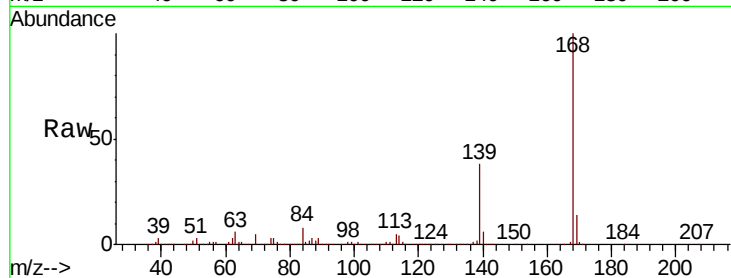




#55
 Dibenzofuran
 Concen: 38.450 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

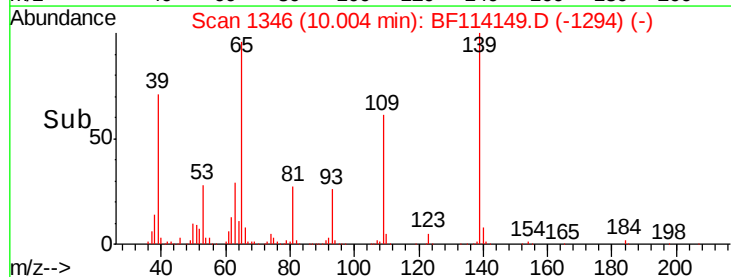
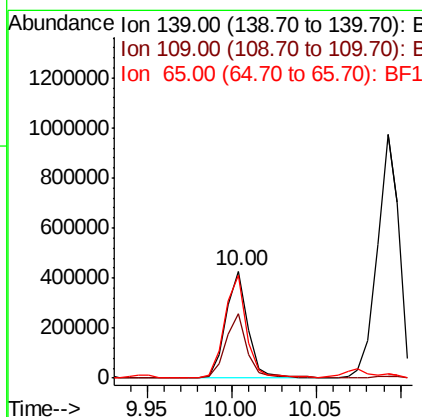
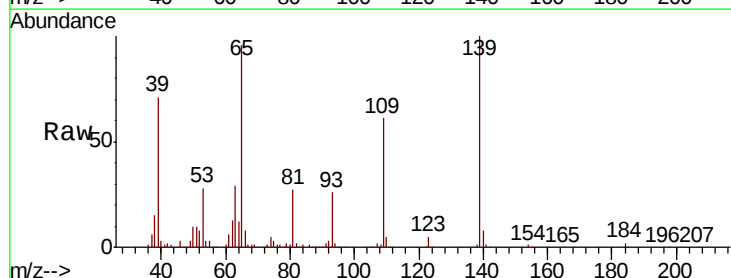
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

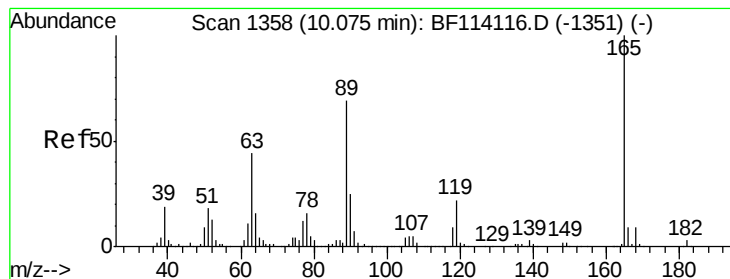
Tot Ion:168 Resp: 2394170
 Ion Ratio Lower Upper
 168 100
 139 37.9 31.1 46.7
 169 14.1 11.4 17.0



#56
 4-Nitrophenol
 Concen: 38.803 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Tgt Ion:139 Resp: 388126
 Ion Ratio Lower Upper
 139 100
 109 60.5 43.9 83.9
 65 95.9 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 39.603 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 612471

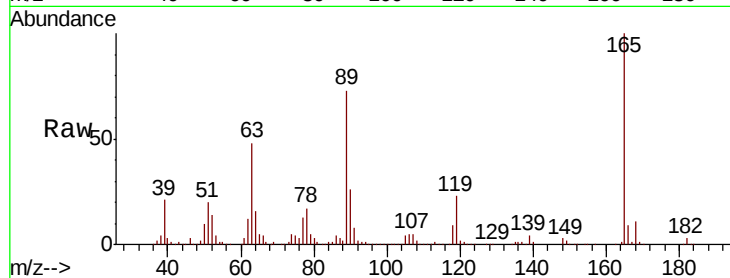
Ion Ratio Lower Upper

165 100

63 48.0 35.5 53.3

89 73.1 55.2 82.8

182 2.5 2.2 3.2

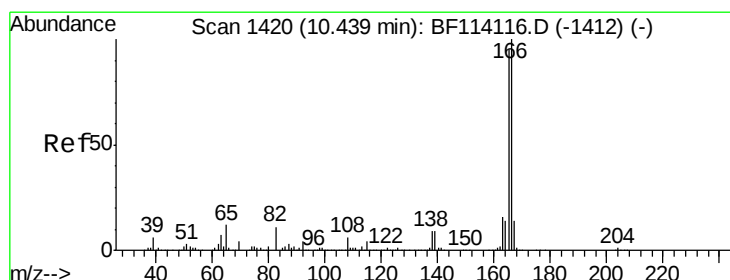
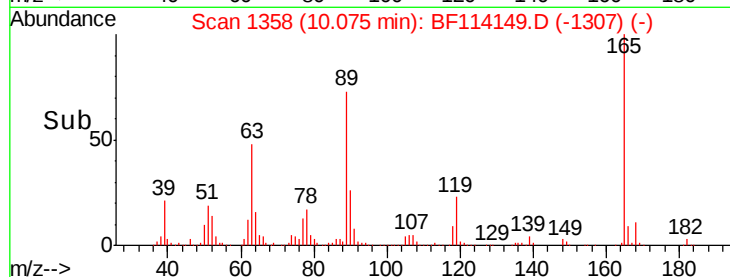
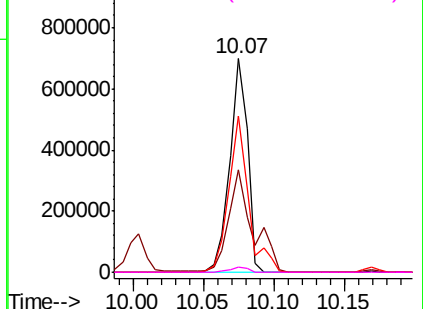


Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.488 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

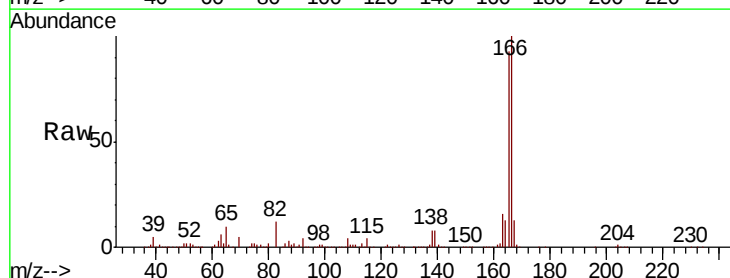
Tgt Ion:166 Resp: 1803024

Ion Ratio Lower Upper

166 100

165 93.3 76.1 114.1

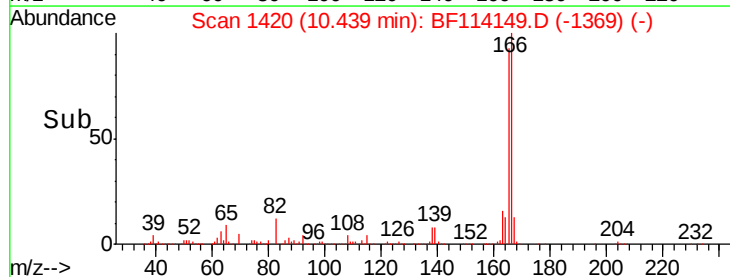
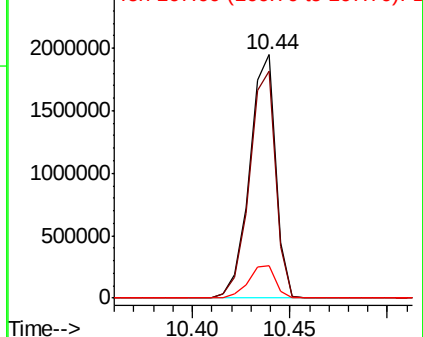
167 13.5 11.1 16.7

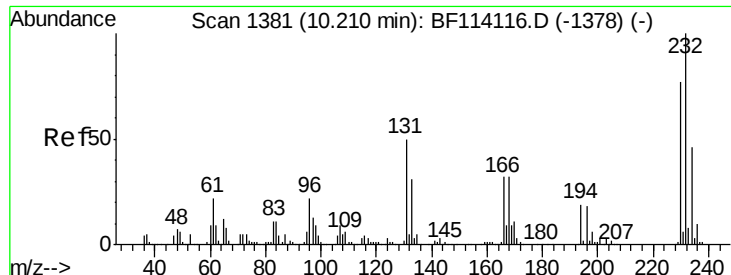


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

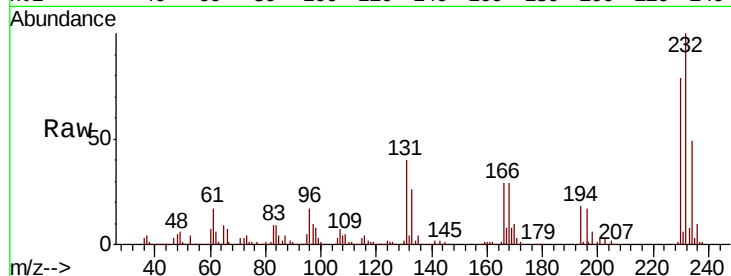




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.203 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	35.6	53.4
130	2.3	1.6	2.4
166	29.8	24.1	36.1



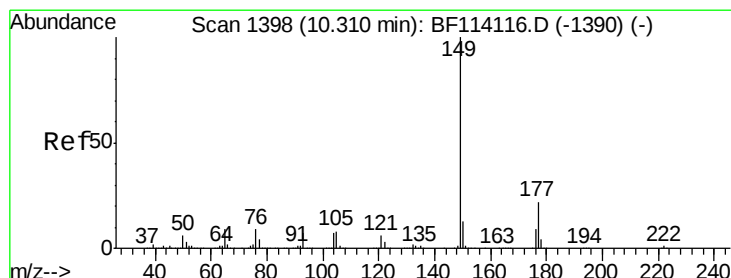
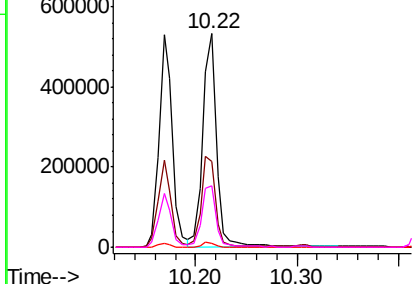
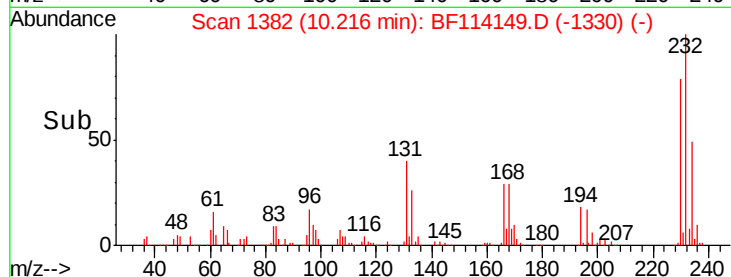
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

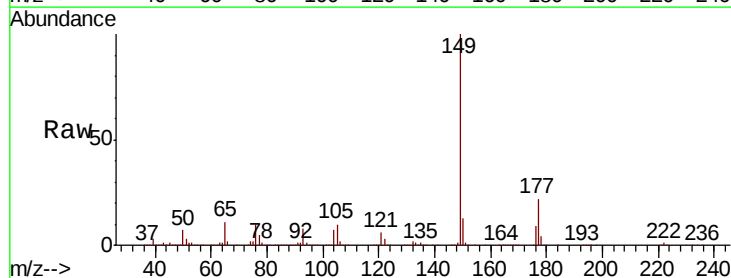
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.544 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.6
150	13.4	10.2	15.2

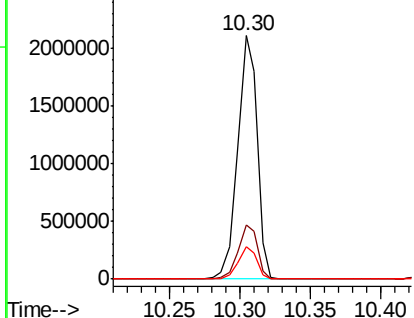
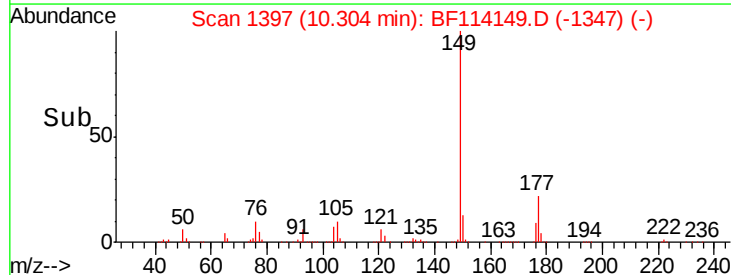


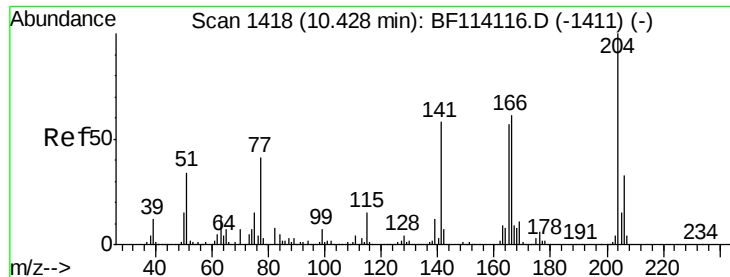
Abundance

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

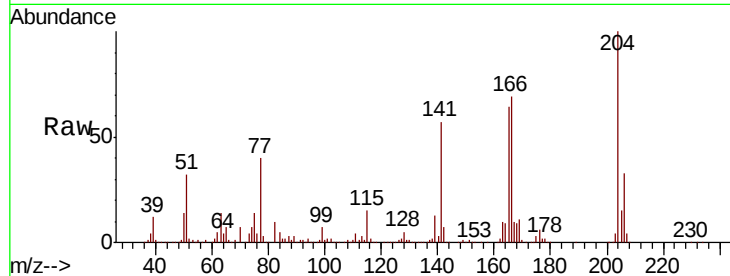




#61
4-Chlorophenyl-phenylether
Concen: 38.477 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	57.2	46.4	69.6

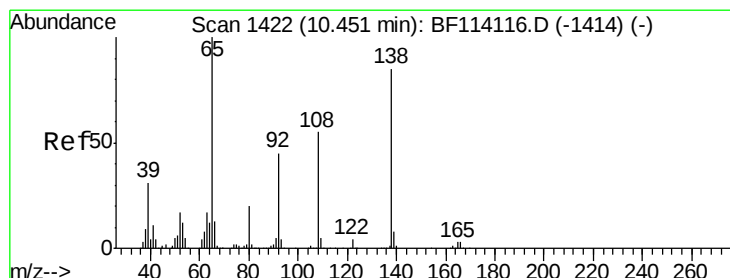
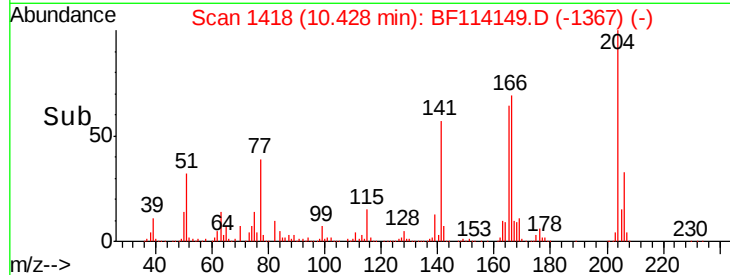
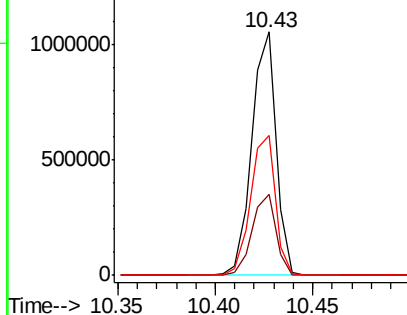


Abundance

Ion 204.00 (203.70 to 204.70): E

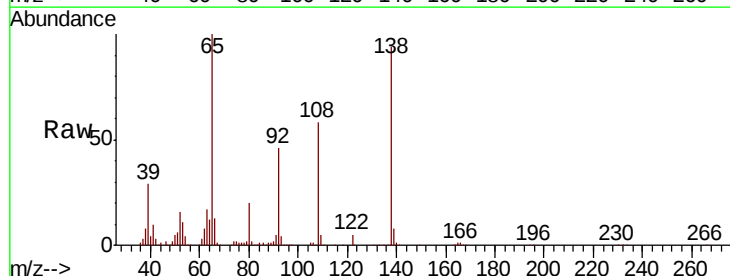
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.116 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	33.0	73.0
108	61.1	44.9	84.9

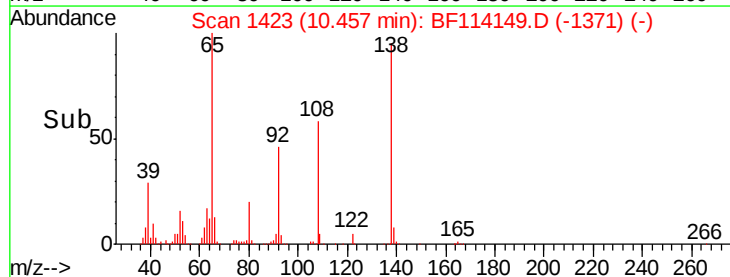
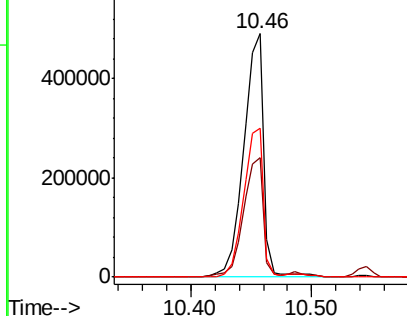


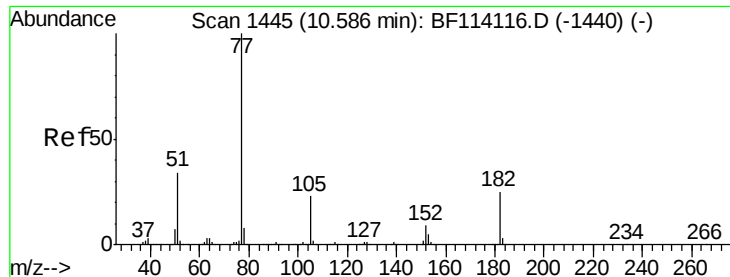
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.129 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1976963

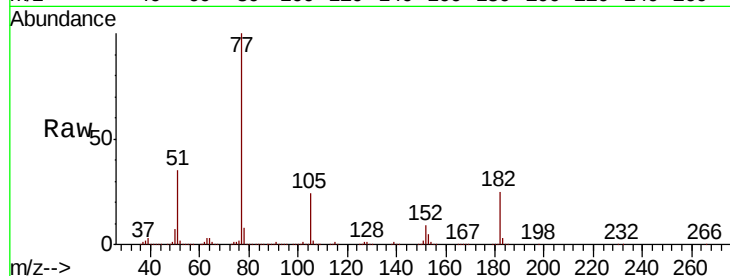
Ion Ratio Lower Upper

77 100

182 24.7 4.7 44.7

105 24.2 2.9 42.9

51 35.2 14.6 54.6

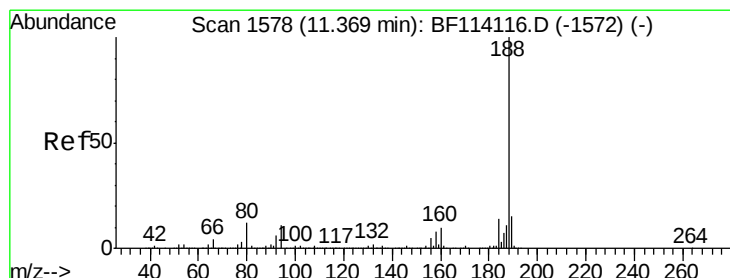
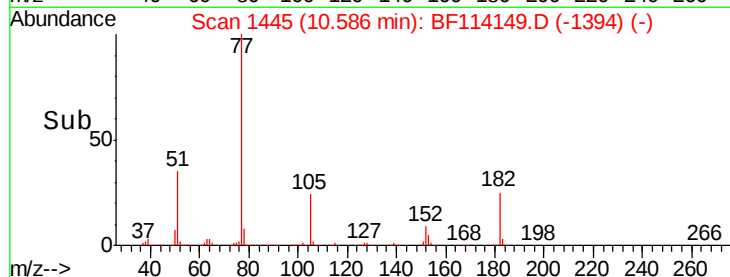
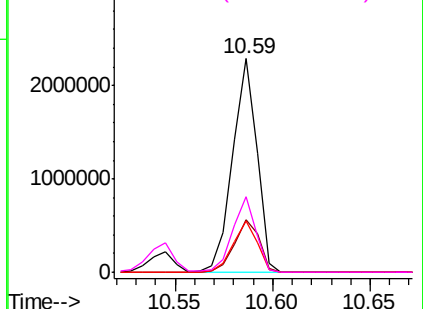


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

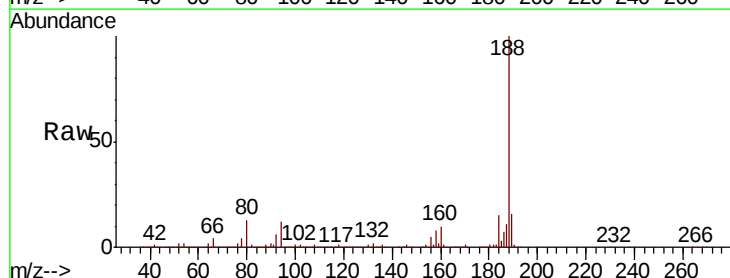
Tgt Ion: 188 Resp: 1332658

Ion Ratio Lower Upper

188 100

94 11.8 8.4 12.6

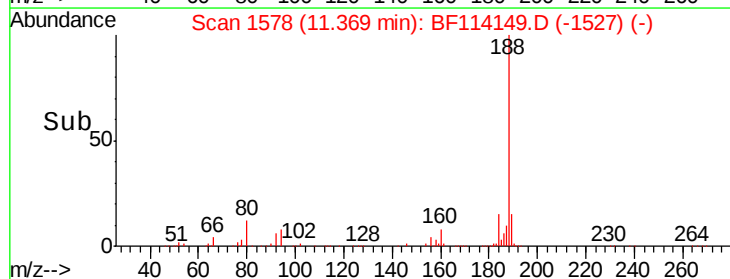
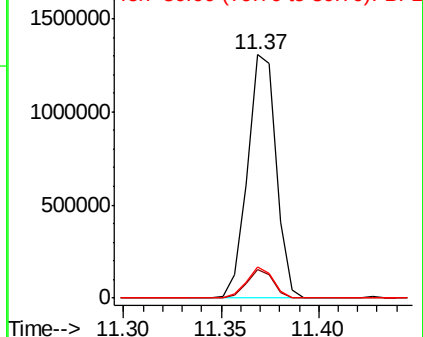
80 12.7 9.2 13.8



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

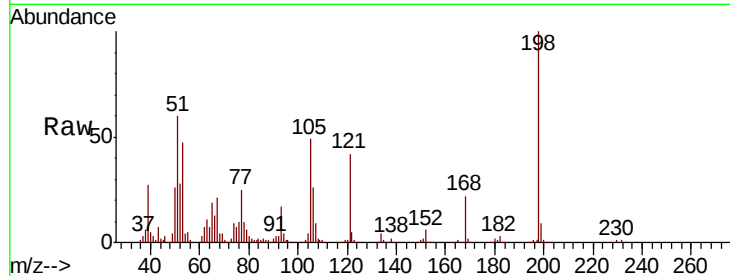




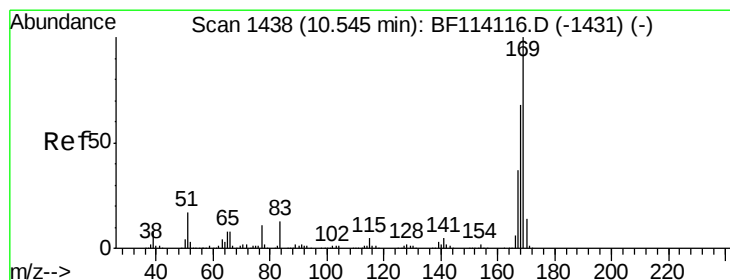
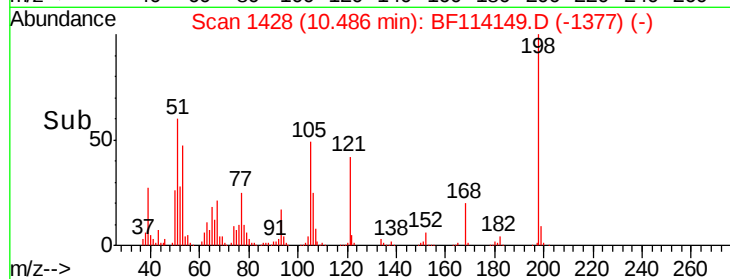
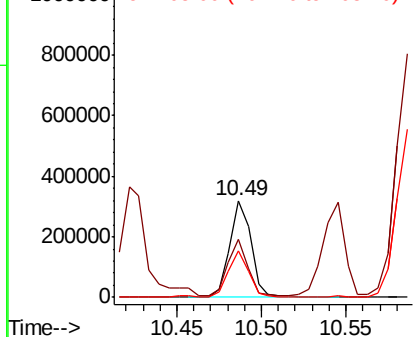
#65
4,6-Dinitro-2-methylphenol
Concen: 44.349 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 283992
Ion Ratio Lower Upper
198 100
51 60.1 28.0 68.0
105 48.7 21.1 61.1

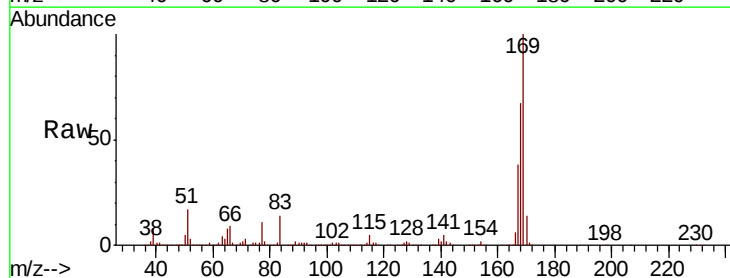


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

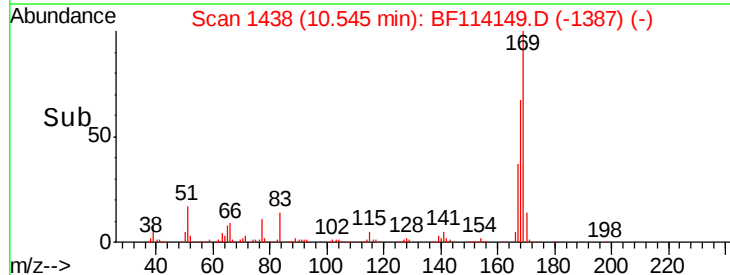
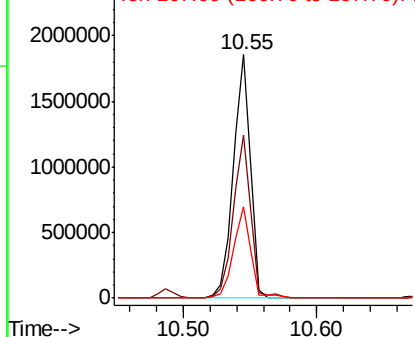


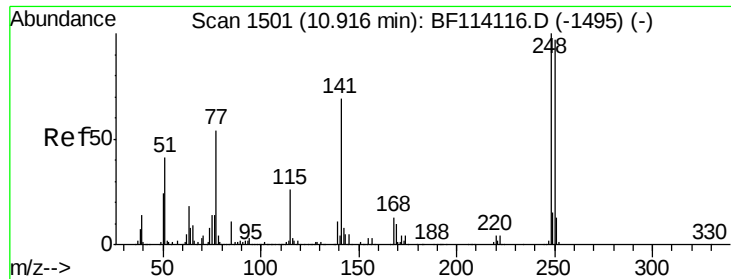
#66
n-Nitrosodiphenylamine
Concen: 41.391 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:169 Resp: 1674134
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.2
167 37.5 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

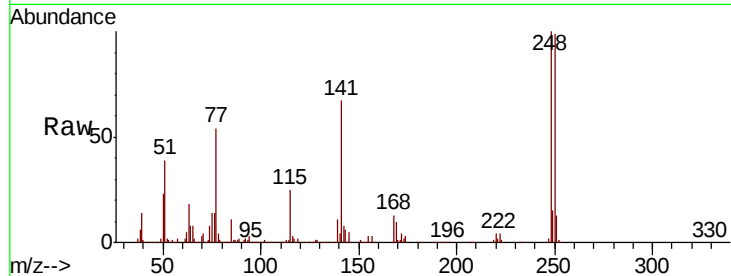




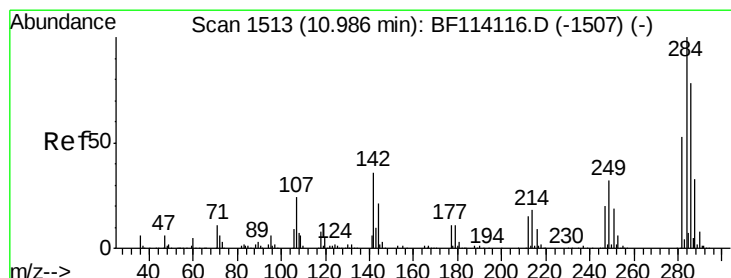
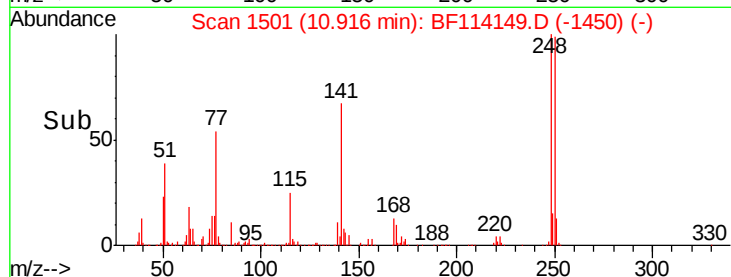
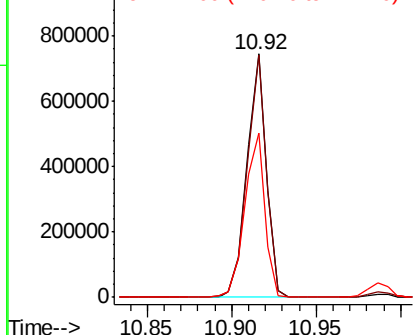
#67
4-Bromophenyl-phenylether
Concen: 41.119 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 603348
Ion Ratio Lower Upper
248 100
250 99.4 77.4 116.2
141 67.4 55.6 83.4

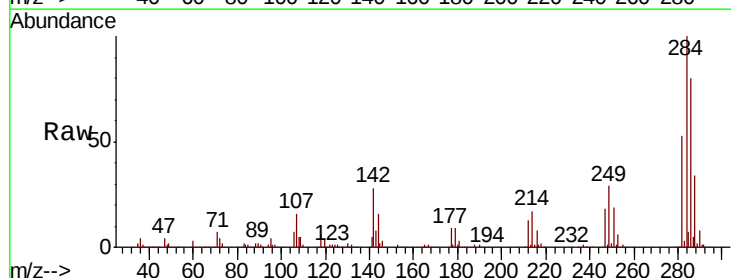


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

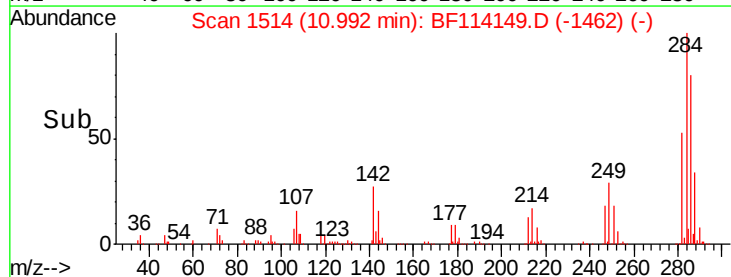
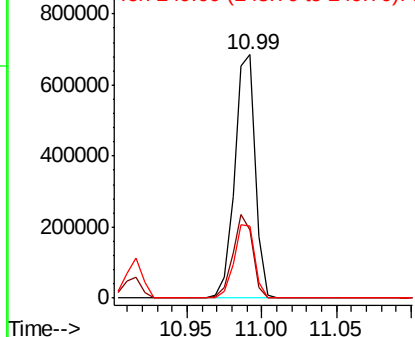


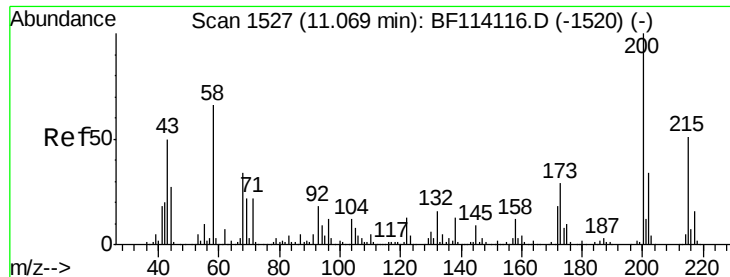
#68
Hexachlorobenzene
Concen: 40.899 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:284 Resp: 663894
Ion Ratio Lower Upper
284 100
142 27.9 28.4 42.6#
249 29.4 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

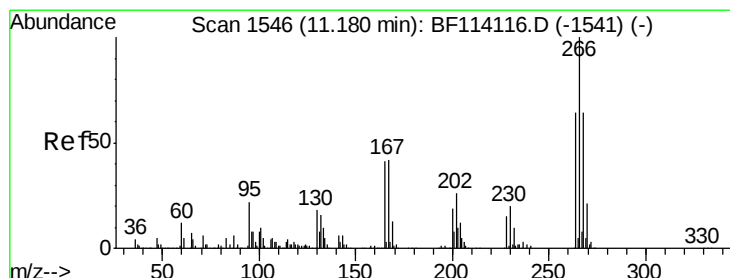
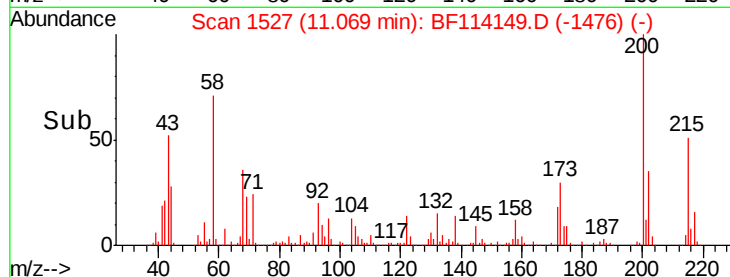
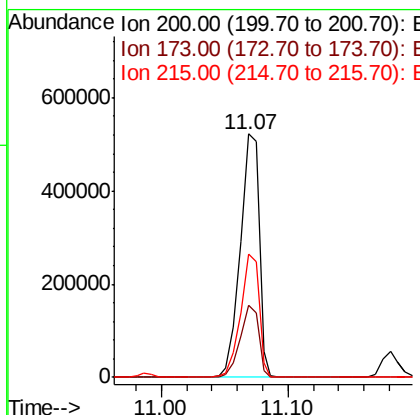
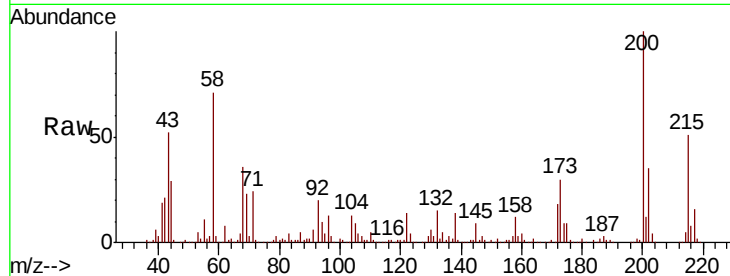




#69
 Atrazine
 Concen: 42.574 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

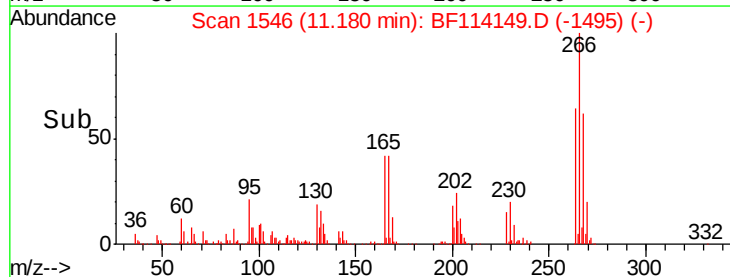
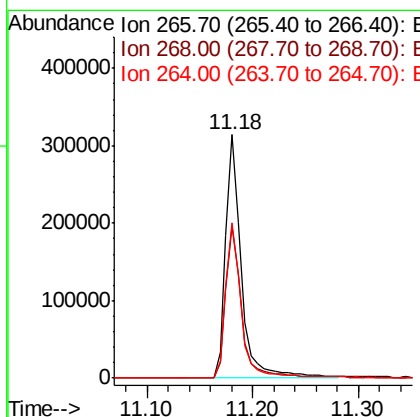
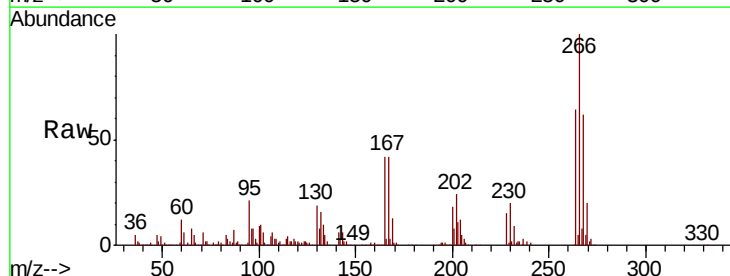
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

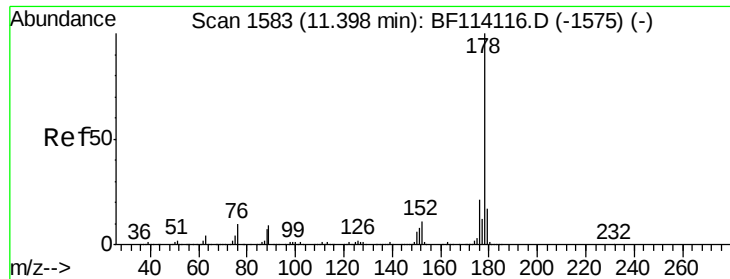
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.8	8.9	48.9
215	50.7	30.7	70.7



#70
 Pentachlorophenol
 Concen: 42.441 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.1	76.7
264	64.0	51.1	76.7

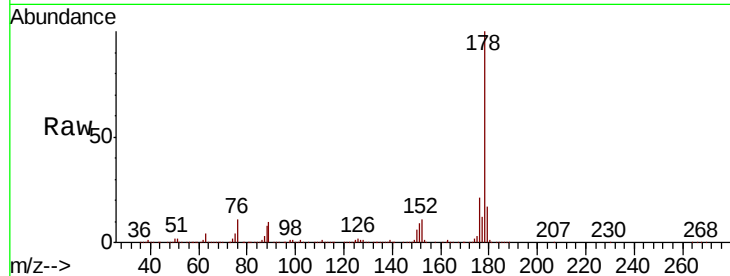




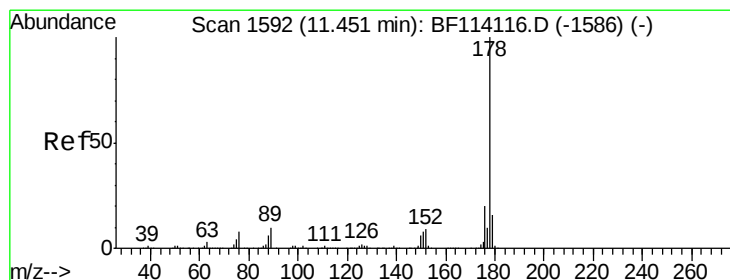
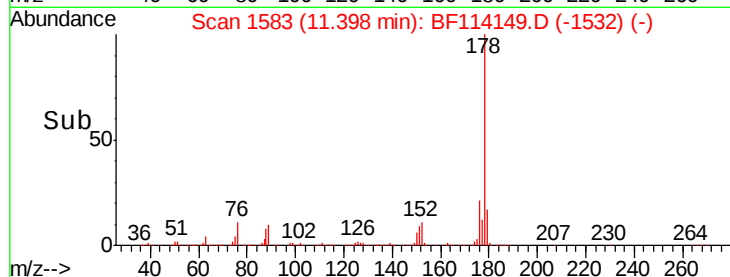
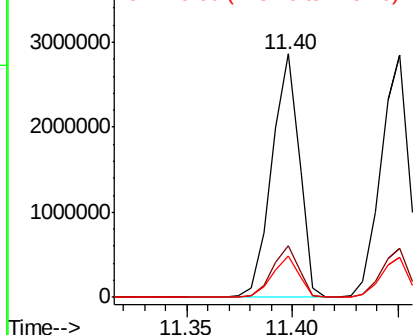
#71
Phenanthrene
Concen: 39.953 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2590362
Ion Ratio Lower Upper
178 100
176 21.0 16.4 24.6
179 16.8 13.2 19.8

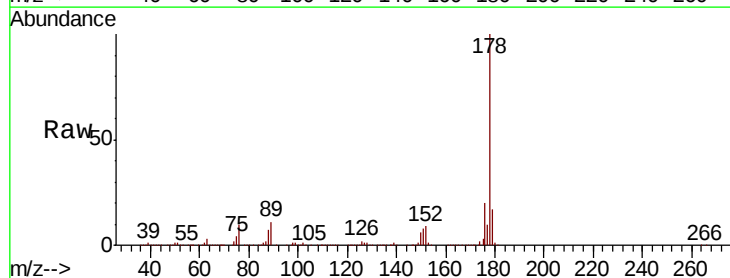


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

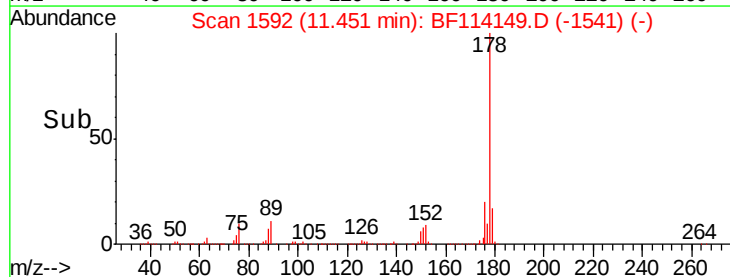
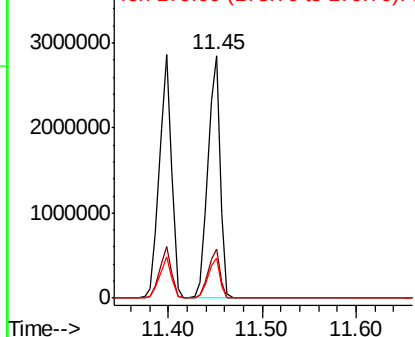


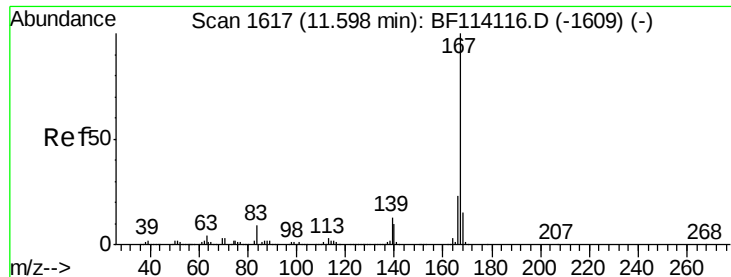
#72
Anthracene
Concen: 40.454 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:178 Resp: 2634411
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.7 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: 40.075 ng

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

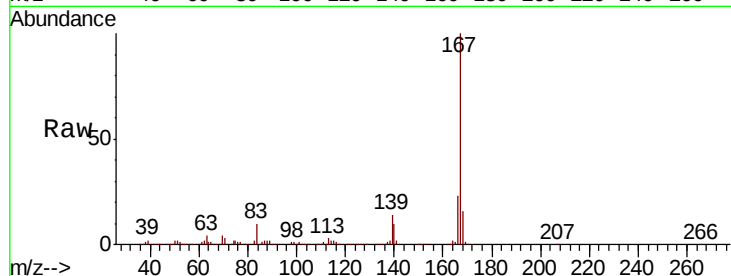
Tot Ion:167 Resp: 2488640

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

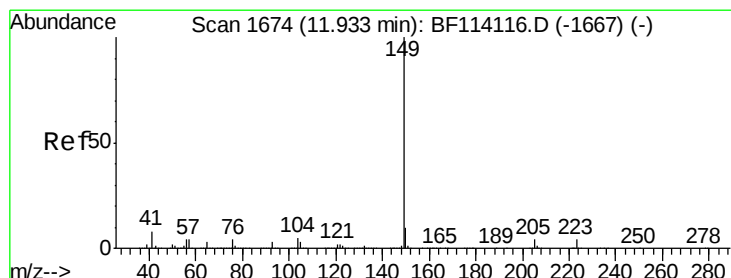
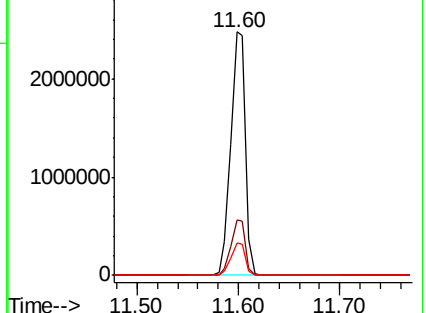
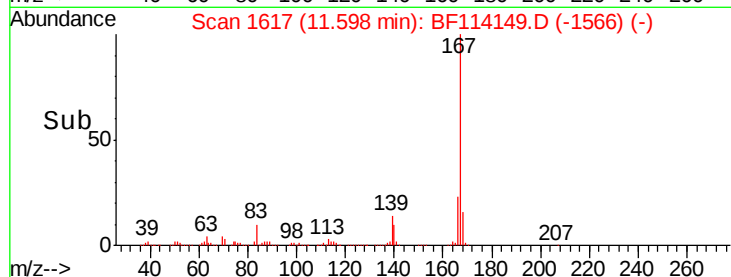
139 13.5 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.217 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

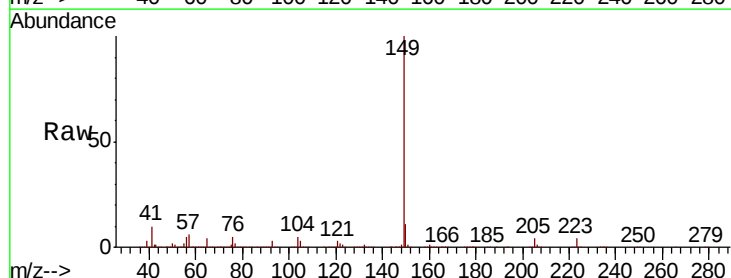
Tgt Ion:149 Resp: 3020393

Ion Ratio Lower Upper

149 100

150 10.6 7.7 11.5

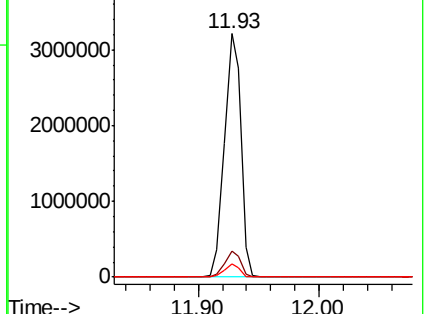
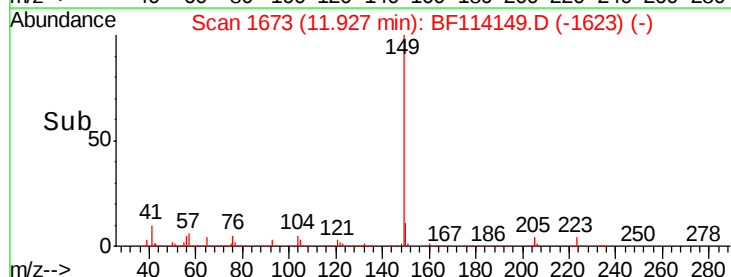
104 5.2 3.6 5.4

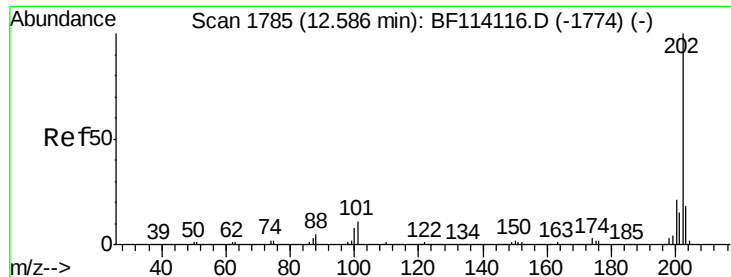


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

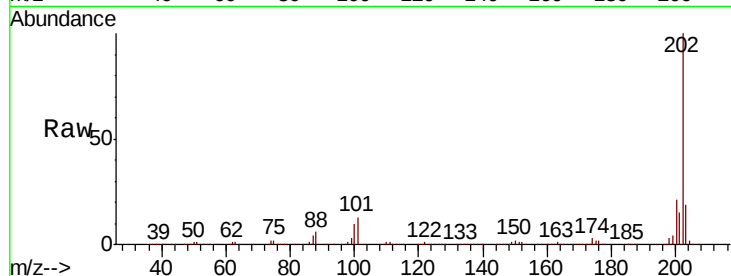




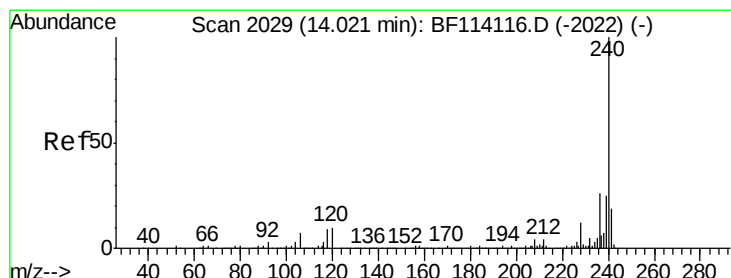
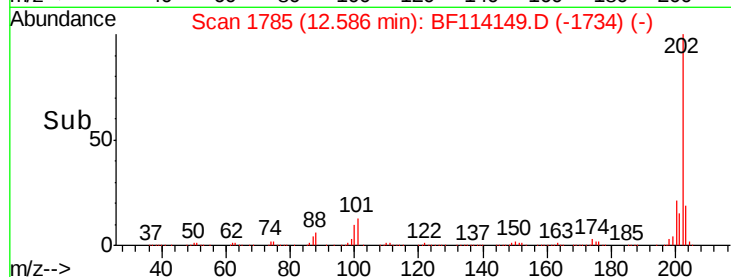
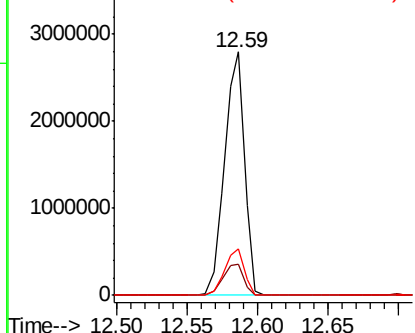
#75
 Fluoranthene
 Concen: 39.206 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 2737316
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 31.0
 203 18.8 0.0 38.4

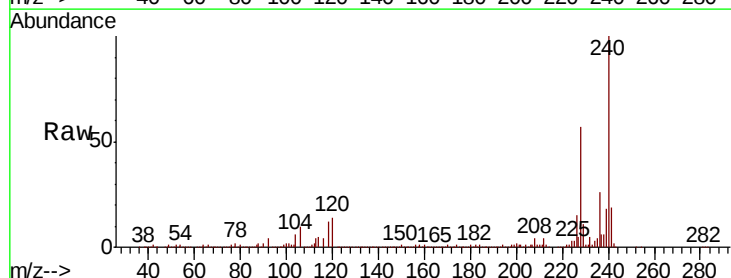


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

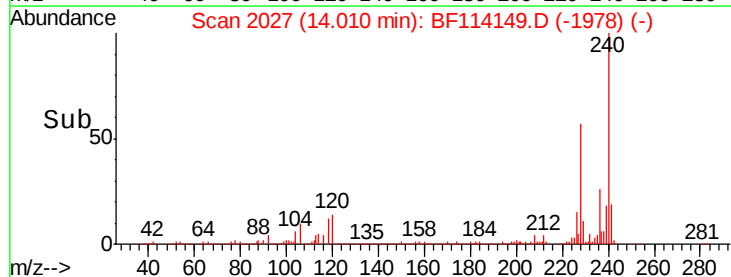
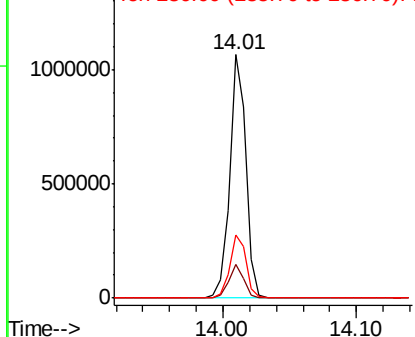


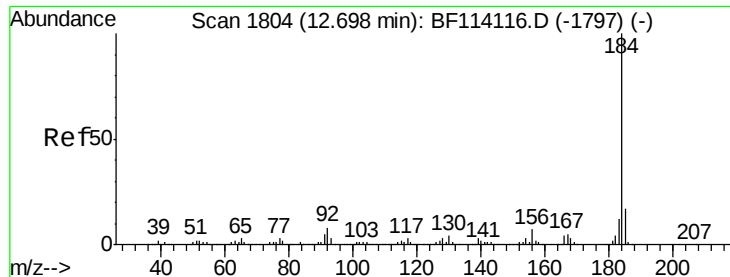
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF114149.D
 Acq: 11 May 2019 11:30

Tgt Ion:240 Resp: 909542
 Ion Ratio Lower Upper
 240 100
 120 13.9 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: 40.364 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

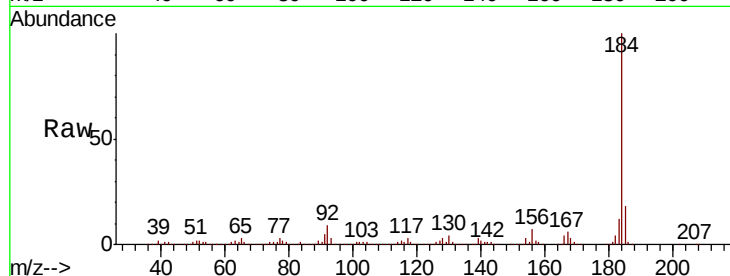
Tot Ion:184 Resp: 1647983

Ion Ratio Lower Upper

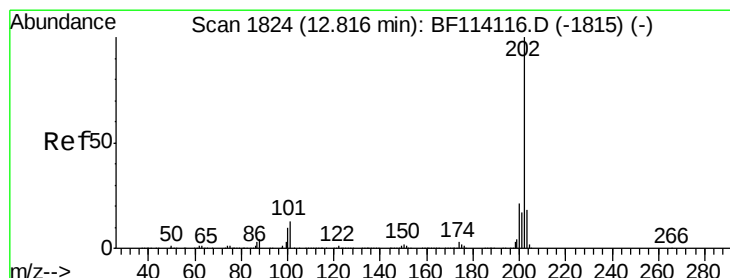
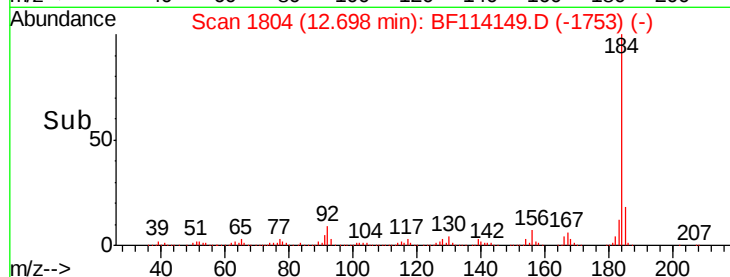
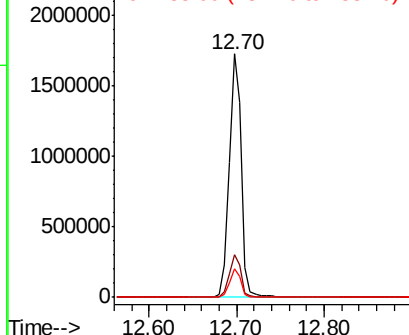
184 100

185 17.7 13.6 20.4

183 11.5 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.332 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

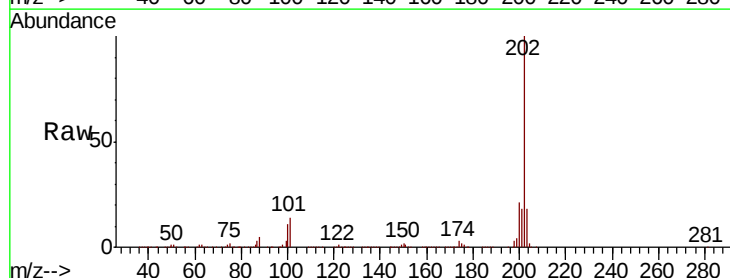
Tgt Ion:202 Resp: 2804691

Ion Ratio Lower Upper

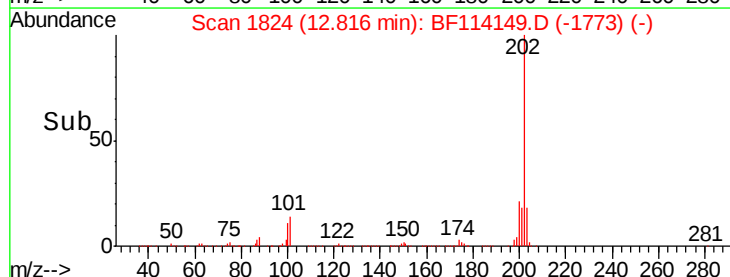
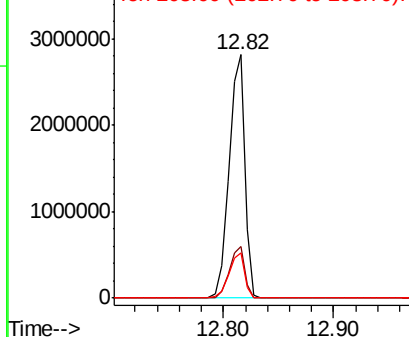
202 100

200 21.1 16.9 25.3

203 18.4 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: 75.210 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

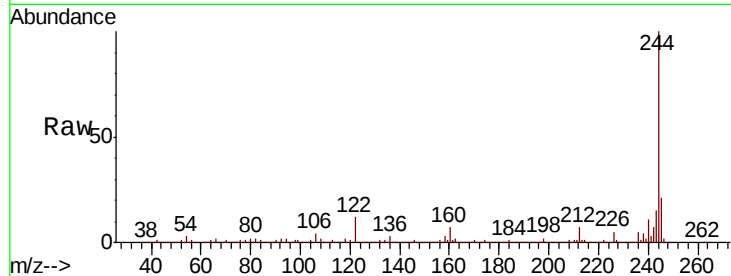
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 3318420

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	12.4	9.4	14.2

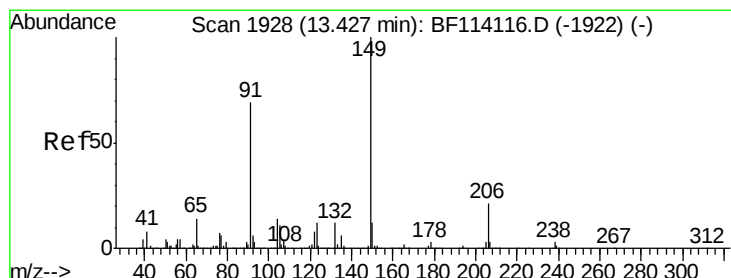
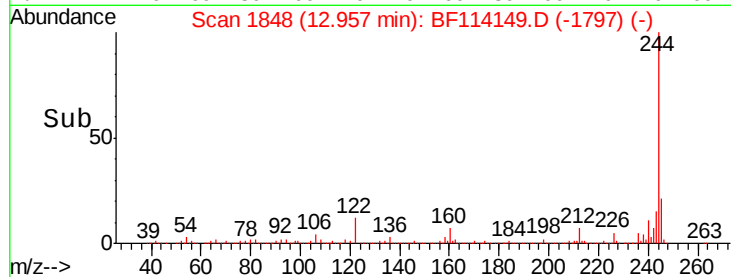
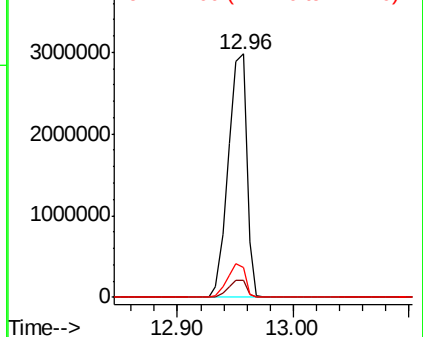


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.618 ng

RT: 13.43 min Scan# 1928

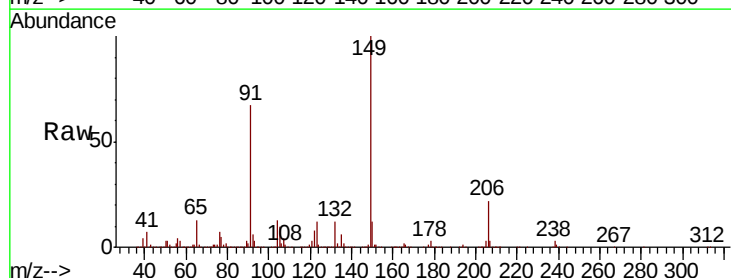
Delta R.T. 0.00 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Tgt Ion:149 Resp: 1343312

Ion	Ratio	Lower	Upper
149	100		
91	66.6	55.0	82.4
206	22.0	16.9	25.3

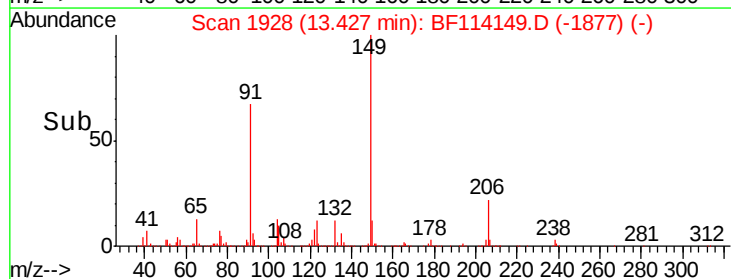
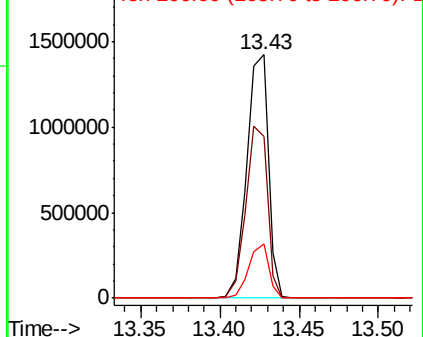


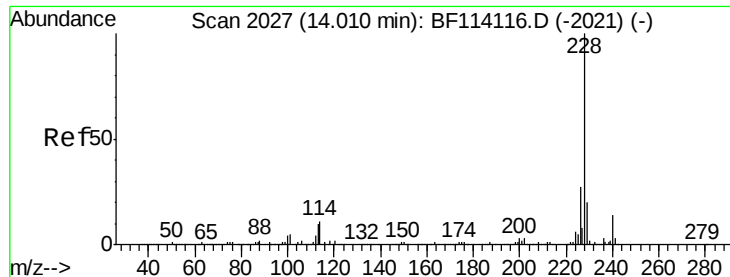
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.138 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

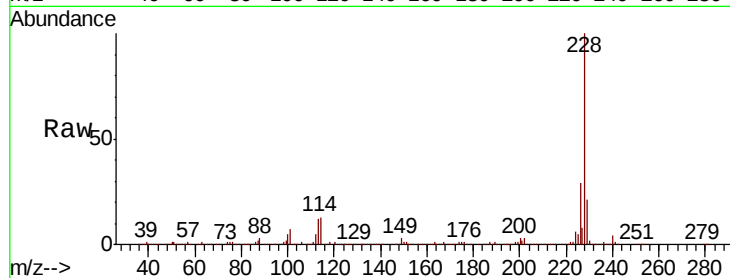
Tot Ion:228 Resp: 2361256

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.2
229	20.8	16.4	24.6

228 100

226 28.5 22.2 33.2

229 20.8 16.4 24.6

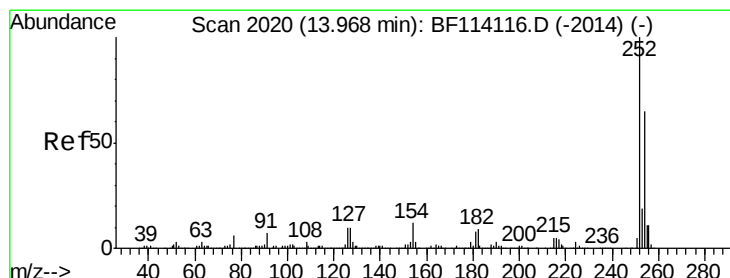
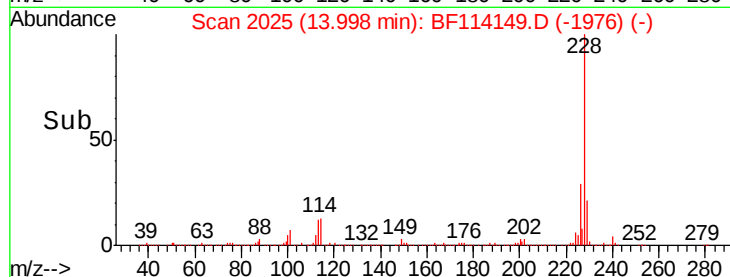
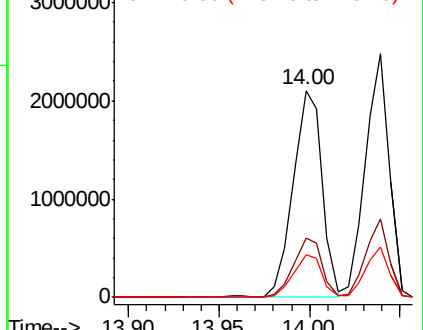


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.809 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

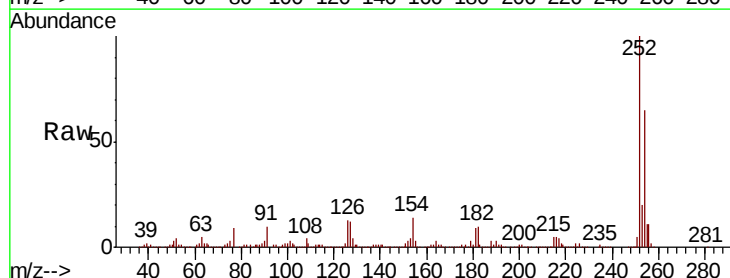
Tgt Ion:252 Resp: 976954

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	12.9	7.9	11.9

252 100

254 64.5 51.9 77.9

126 12.9 7.9 11.9

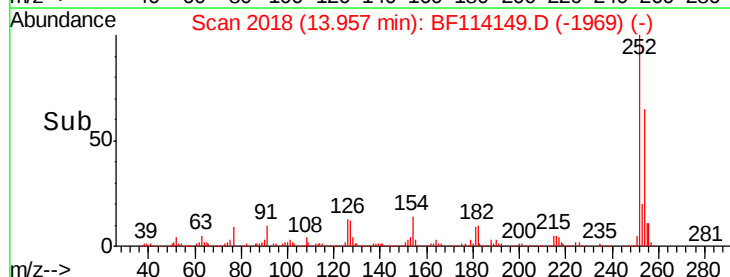
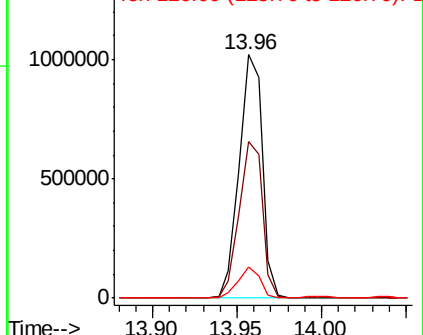


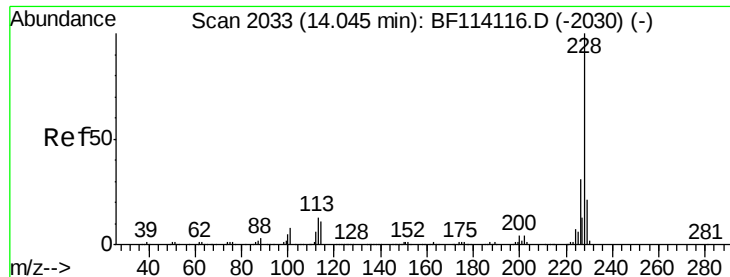
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.321 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

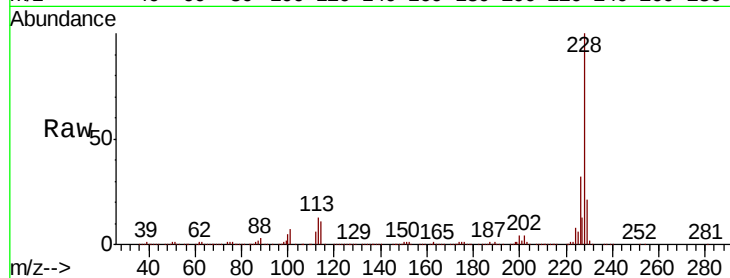
Tot Ion:228 Resp: 2267580

Ion Ratio Lower Upper

228 100

226 32.4 25.0 37.6

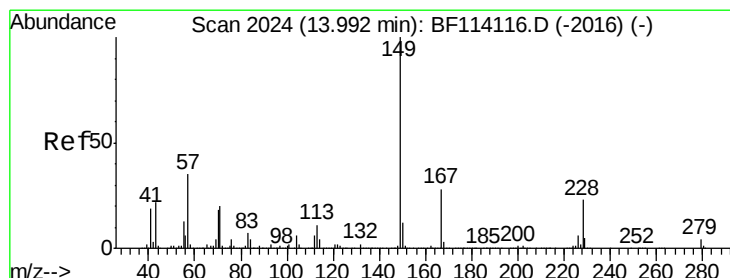
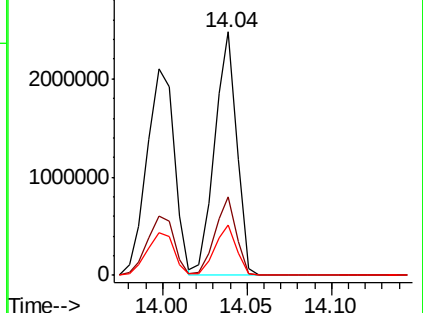
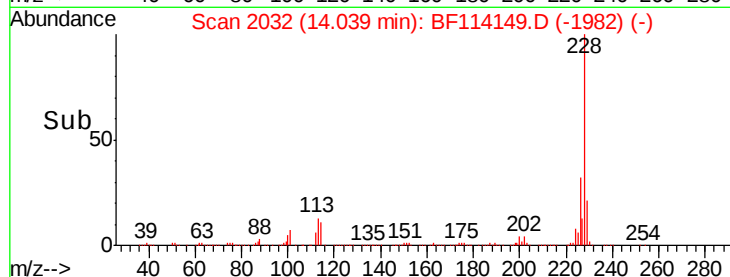
229 20.9 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.399 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

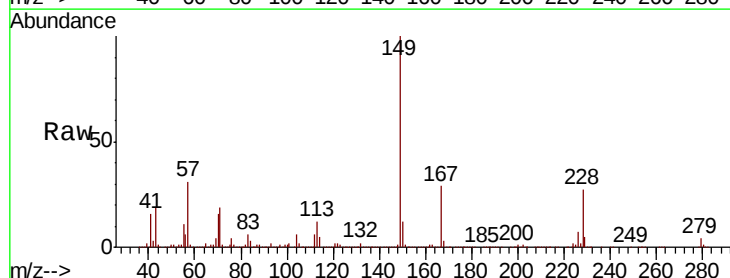
Tgt Ion:149 Resp: 1748058

Ion Ratio Lower Upper

149 100

167 29.2 22.6 33.8

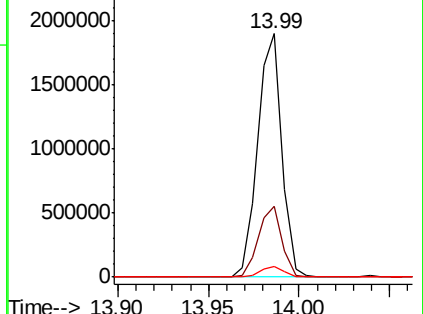
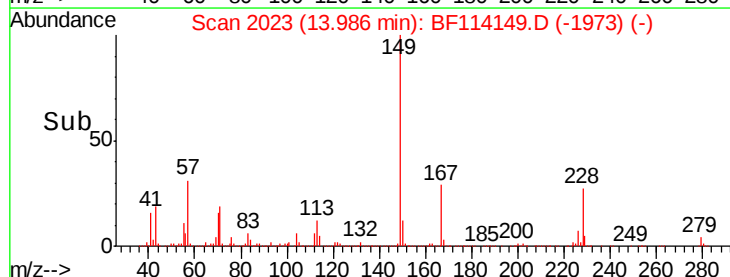
279 4.5 3.0 4.6

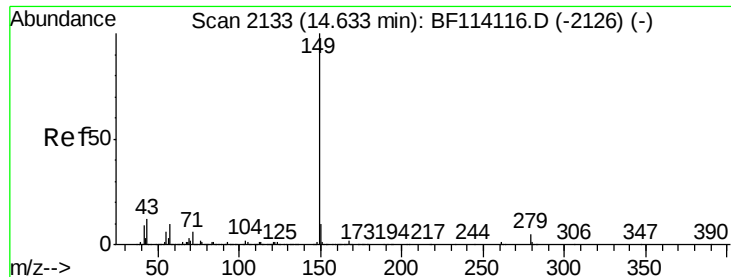


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.050 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.04 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

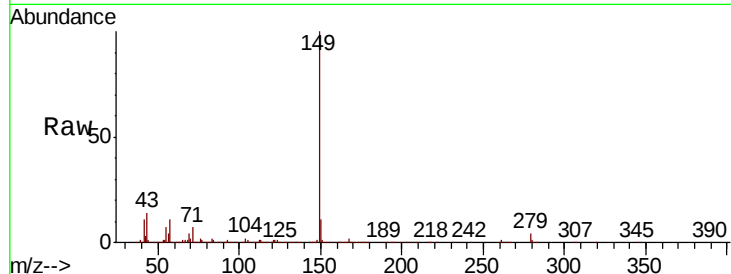
Tot Ion:149 Resp: 2876225

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.8 10.1 15.1

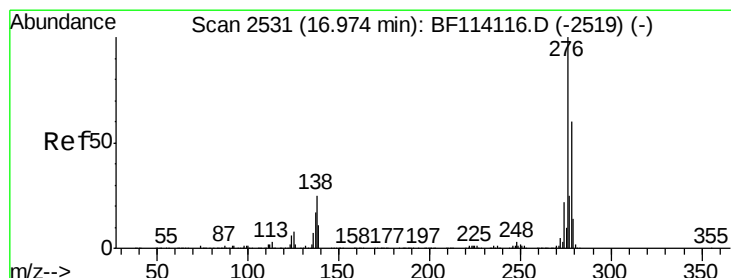
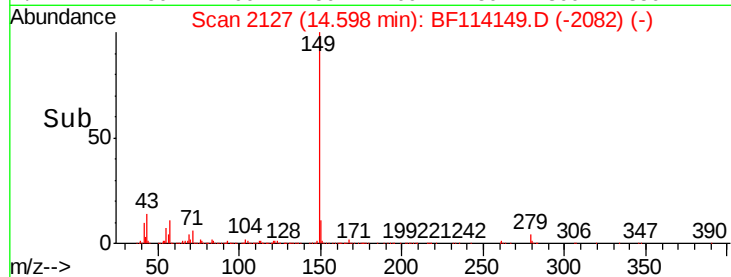
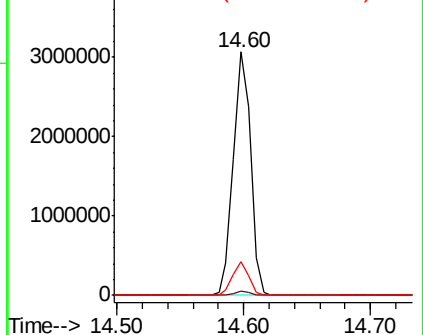


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.791 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.04 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

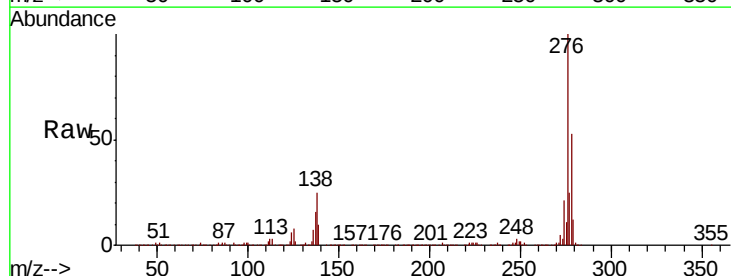
Tgt Ion:276 Resp: 1875133

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

277 25.3 20.0 30.0

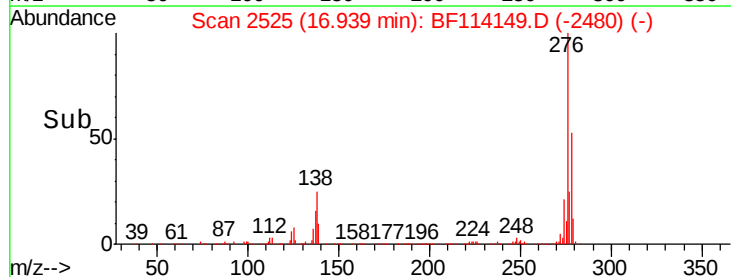
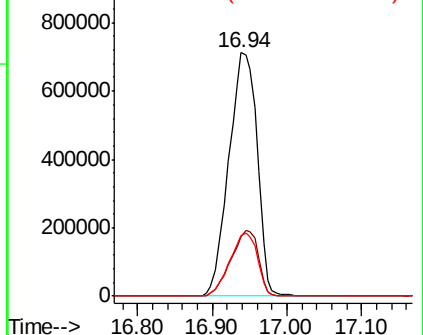


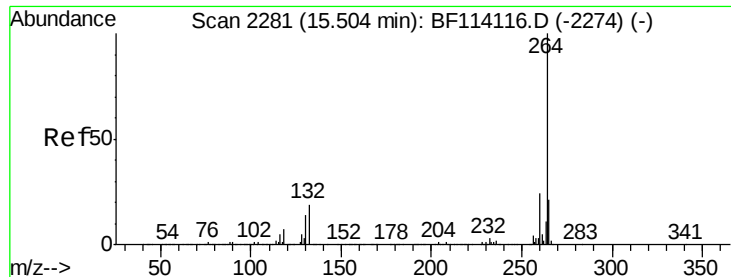
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



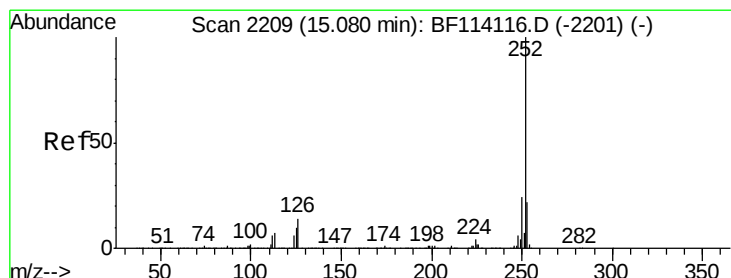
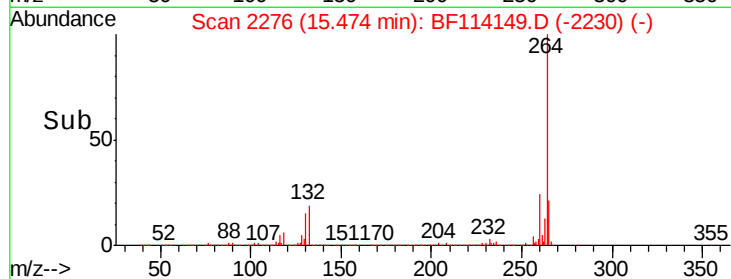
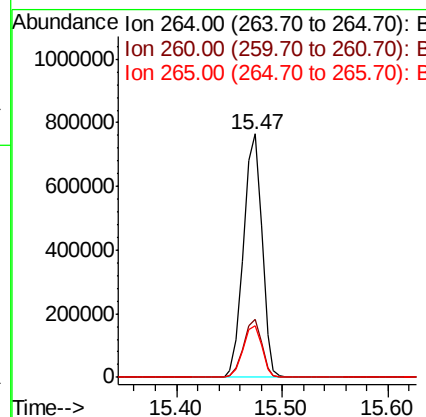
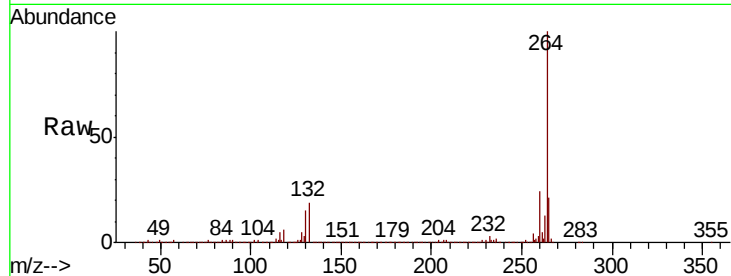


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 917659

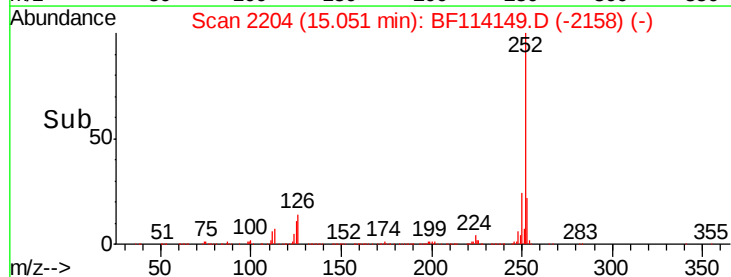
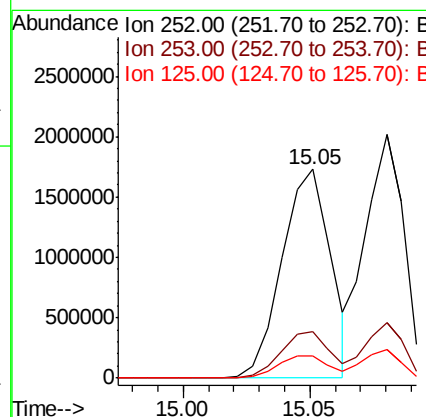
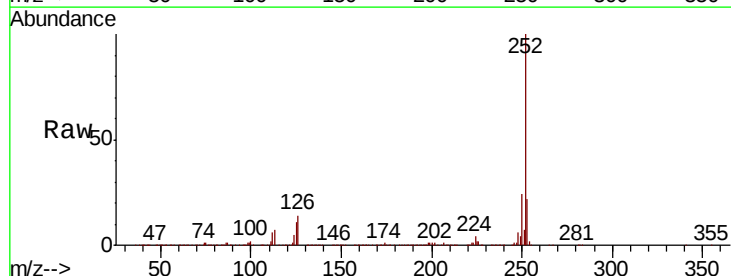
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.2	16.9	25.3

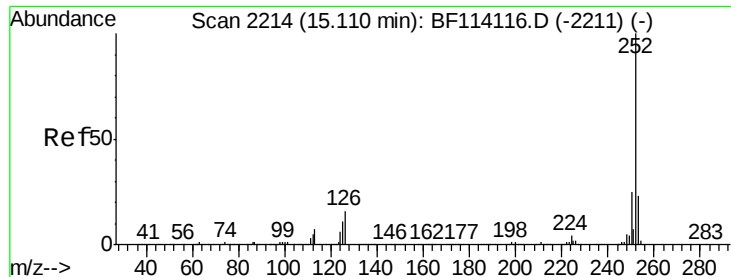


#88
Benzo(b)fluoranthene
Concen: 39.159 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:252 Resp: 2302190

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.8	8.3	12.5

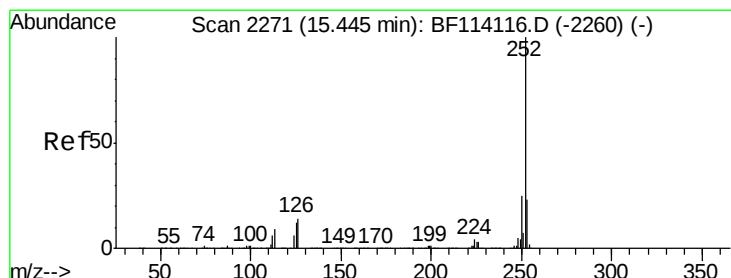
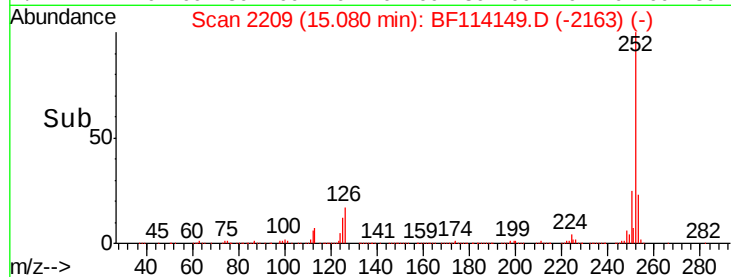
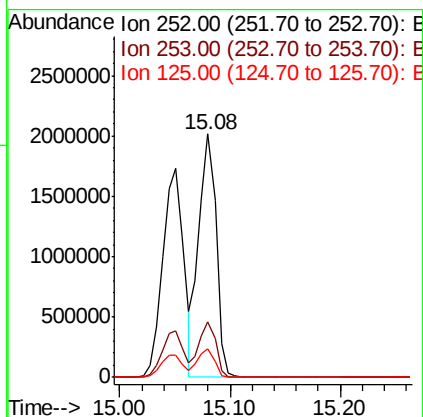
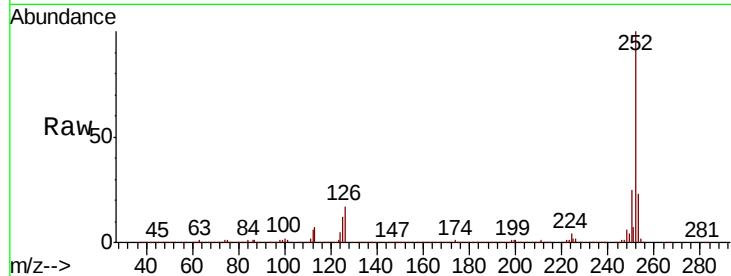




#89
Benzo(k)fluoranthene
Concen: 39.896 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

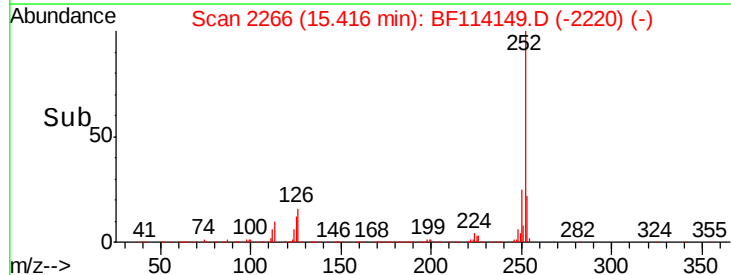
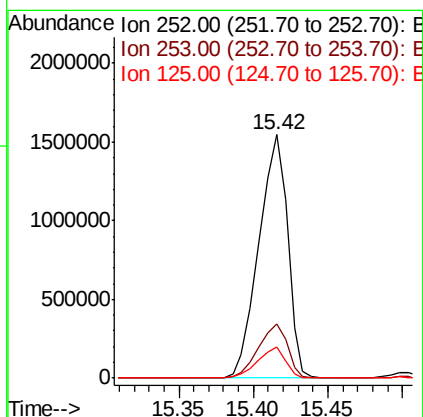
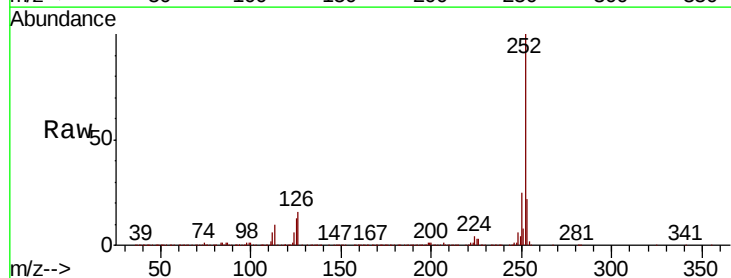
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

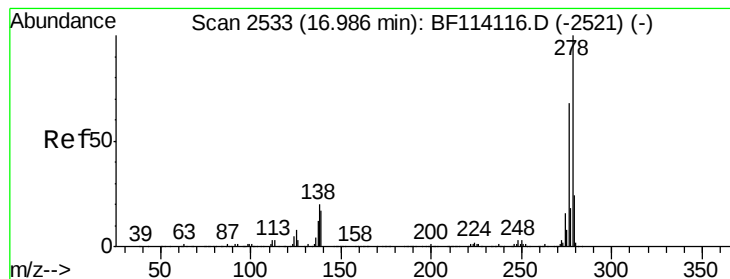
Tot Ion:252 Resp: 2154598
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 11.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 39.724 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BF114149.D
Acq: 11 May 2019 11:30

Tgt Ion:252 Resp: 2055355
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.5 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 36.220 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.03 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

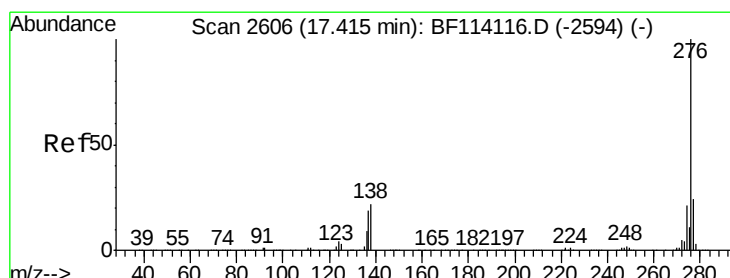
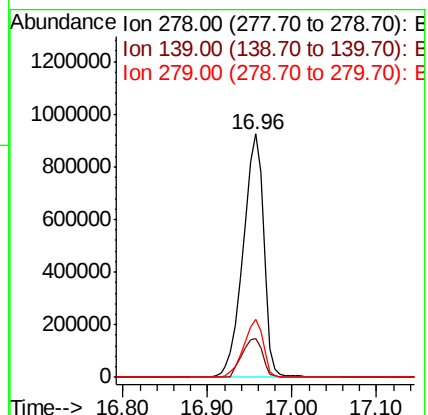
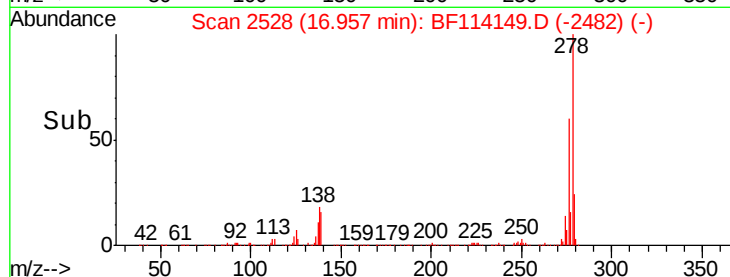
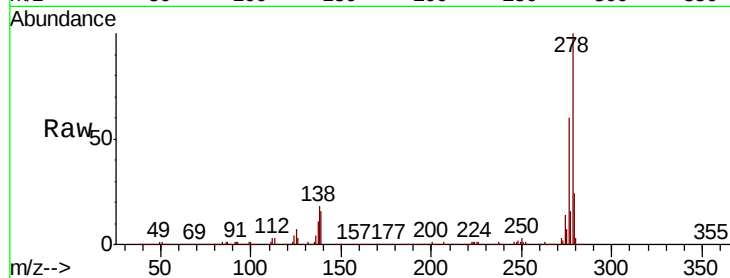
Tot Ion:278 Resp: 1557245

Ion Ratio Lower Upper

278 100

139 16.0 13.5 20.3

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 35.290 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.03 min

Lab File: BF114149.D

Acq: 11 May 2019 11:30

Tgt Ion:276 Resp: 1520511

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 22.1 17.8 26.6

