

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114653.D
 Acq On : 30 May 2019 11:33
 Operator : HP/JU
 Sample : K2241-01
 Misc : LOD-SOIL-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 14:23:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 14:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	404526	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1509946	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	747737	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1414657	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1091096	20.00	ng	0.00
87) Perylene-d12	15.20	264	1141737	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	3103290	134.69	ng	0.01
7) Phenol-d6	6.33	99	3737911	134.63	ng	0.00
23) Nitrobenzene-d5	7.26	82	2243228	92.69	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1087326	152.61	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3780059	83.99	ng	0.00
79) Terphenyl-d14	12.78	244	4095641	70.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	61371	5.550	ng	99
3) Pyridine	3.14	79	154059	4.788	ng	99
4) n-Nitrosodimethylamine	2.98	42	61128	4.694	ng	# 99
6) Aniline	6.36	93	223263	5.324	ng	97
8) 2-Chlorophenol	6.48	128	150256	5.647	ng	96
9) Benzaldehyde	6.24	77	123357	7.787	ng	95
10) Phenol	6.34	94	181057	5.398	ng	# 71
11) bis(2-Chloroethyl)ether	6.43	93	143314	5.586	ng	98
12) 1,3-Dichlorobenzene	6.63	146	172952	5.705	ng	97
13) 1,4-Dichlorobenzene	6.71	146	173163	5.694	ng	99
14) 1,2-Dichlorobenzene	6.86	146	158774	5.734	ng	99
15) Benzyl Alcohol	6.83	79	151339	6.930	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	201944	5.132	ng	99
17) 2-Methylphenol	6.94	107	122242	5.432	ng	99
18) Hexachloroethane	7.21	117	59332	5.153	ng	97
19) n-Nitroso-di-n-propylamine	7.10	70	103123	5.381	ng	95
20) 3+4-Methylphenols	7.10	107	154203	5.826	ng	91
22) Acetophenone	7.10	105	211256	6.566	ng	98
24) Nitrobenzene	7.27	77	159201	6.192	ng	97
25) Isophorone	7.51	82	277213	5.707	ng	100
26) 2-Nitrophenol	7.59	139	60802	4.859	ng	99
27) 2,4-Dimethylphenol	7.63	122	130948	6.292	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	178077	5.760	ng	98
29) 2,4-Dichlorophenol	7.83	162	123101	5.811	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	143059	5.927	ng	98
31) Naphthalene	7.99	128	461129	6.630	ng	96
32) Benzoic acid	7.69	122	46998	3.477	ng	94
33) 4-Chloroaniline	8.04	127	189935	5.732	ng	98
34) Hexachlorobutadiene	8.12	225	77579	5.786	ng	99
35) Caprolactam	8.36	113	37106	5.190	ng	96
36) 4-Chloro-3-methylphenol	8.52	107	126018	5.932	ng	99
37) 2-Methylnaphthalene	8.68	142	311510	6.741	ng	99
38) 1-Methylnaphthalene	8.78	142	297989	6.806	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	134345	6.747	ng	99

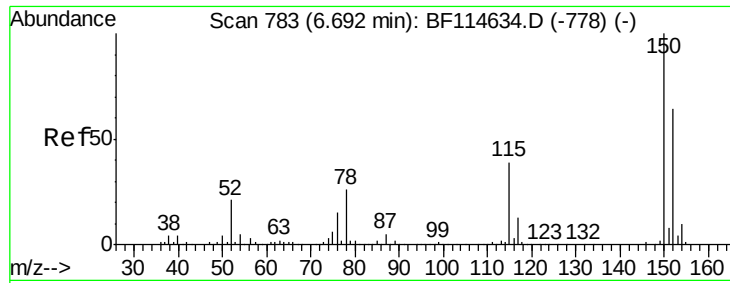
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 14:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	79335	6.029	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	86781	5.539	ng	97
44) 2,4,5-Trichlorophenol	8.99	196	91081	5.825	ng	98
46) 1,1'-Biphenyl	9.15	154	380826	6.861	ng	96
47) 2-Chloronaphthalene	9.17	162	287583	6.316	ng	97
48) 2-Nitroaniline	9.25	65	67591	4.811	ng	94
49) Acenaphthylene	9.57	152	466104	6.627	ng	96
50) Dimethylphthalate	9.44	163	320404	6.149	ng	99
51) 2,6-Dinitrotoluene	9.50	165	65947	5.447	ng	98
52) Acenaphthene	9.75	154	274571	6.365	ng	99
53) 3-Nitroaniline	9.66	138	75112	5.069	ng	96
54) 2,4-Dinitrophenol	9.76	184	12572	2.633	ng	# 39
55) Dibenzofuran	9.92	168	409019	6.661	ng	95
56) 4-Nitrophenol	9.81	139	52196	4.753	ng	90
57) 2,4-Dinitrotoluene	9.89	165	79389	5.109	ng	97
58) Fluorene	10.26	166	312203	7.530	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	72599	5.673	ng	97
60) Diethylphthalate	10.15	149	317098	5.959	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	152936	7.373	ng	99
62) 4-Nitroaniline	10.26	138	70024	4.850	ng	96
63) Azobenzene	10.42	77	303513	6.212	ng	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	22534	3.592	ng	97
66) n-Nitrosodiphenylamine	10.37	169	270038	6.461	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	90300	5.952	ng	97
68) Hexachlorobenzene	10.81	284	98236	5.979	ng	96
69) Atrazine	10.90	200	80325	6.100	ng	98
70) Pentachlorophenol	11.00	266	45651	4.820	ng	97
71) Phenanthrene	11.22	178	468924	6.498	ng	96
72) Anthracene	11.26	178	481132	6.588	ng	97
73) Carbazole	11.42	167	416304	6.486	ng	96
74) Di-n-butylphthalate	11.76	149	497346	6.377	ng	97
75) Fluoranthene	12.39	202	469987	6.290	ng	95
77) Benzidine	12.52	184	233917	5.206	ng	99
78) Pyrene	12.62	202	482049	5.223	ng	96
80) Butylbenzylphthalate	13.25	149	192023	4.140	ng	97
81) Benzo(a)anthracene	13.80	228	445894	5.318	ng	96
82) 3,3'-Dichlorobenzidine	13.77	252	155156	4.792	ng	98
83) Chrysene	13.83	228	419262	5.234	ng	95
84) Bis(2-ethylhexyl)phthalate	13.82	149	276898	4.829	ng	98
85) Di-n-octyl phthalate	14.43	149	451347	4.530	ng	98
86) Indeno(1,2,3-cd)pyrene	16.50	276	375537	4.681	ng	98
88) Benzo(b)fluoranthene	14.80	252	423078	5.883	ng	98
89) Benzo(k)fluoranthene	14.83	252	376415	6.022	ng	97
90) Benzo(a)pyrene	15.14	252	376856	5.965	ng	98
91) Dibenzo(a,h)anthracene	16.53	278	318762	5.710	ng	96
92) Benzo(g,h,i)perylene	16.90	276	294371	5.433	ng	100

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

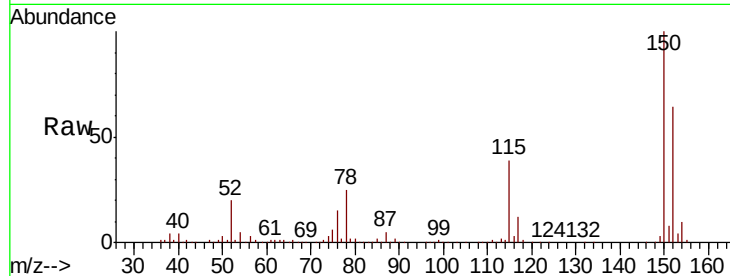


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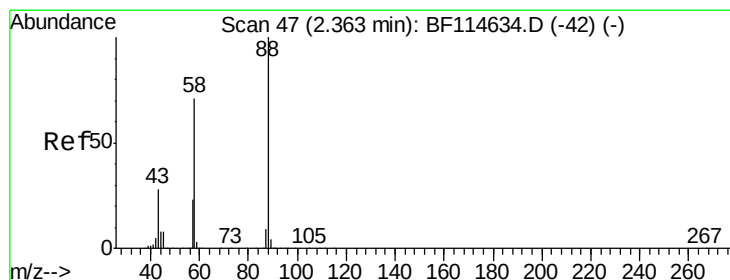
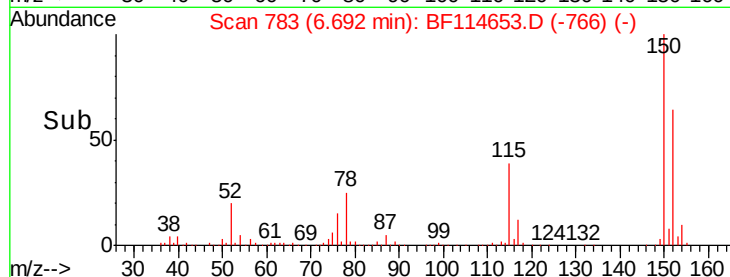
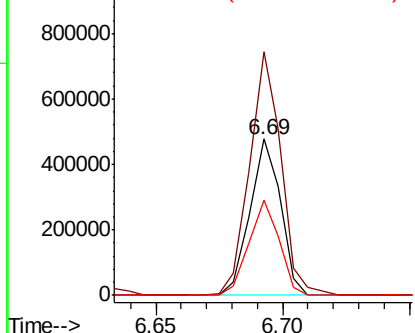
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 404526
Ion Ratio Lower Upper
152 100
150 155.7 124.4 186.6
115 60.6 48.7 73.1



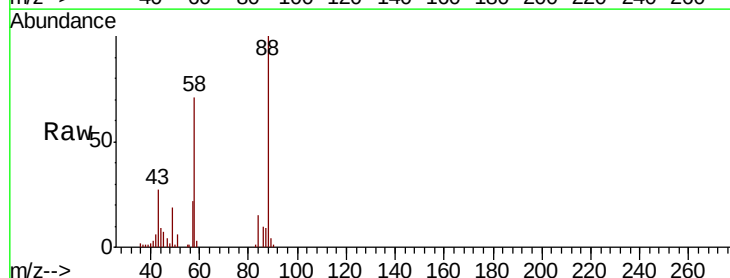
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



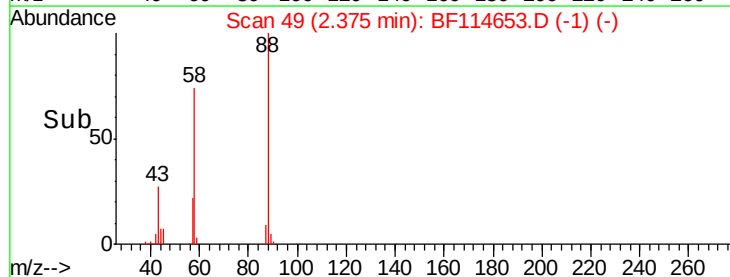
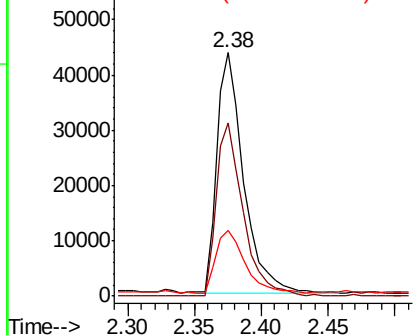
#2

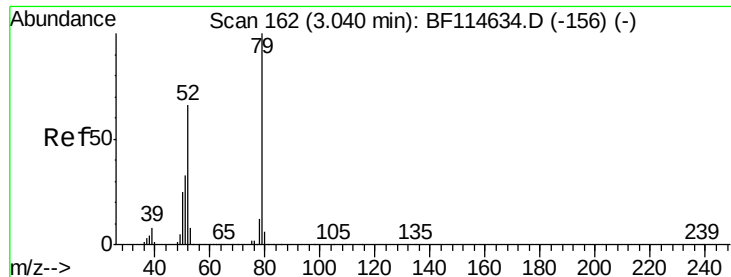
1,4-Dioxane
Concen: 5.550 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion: 88 Resp: 61371
Ion Ratio Lower Upper
88 100
58 72.4 57.2 85.8
43 28.2 22.6 33.8



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

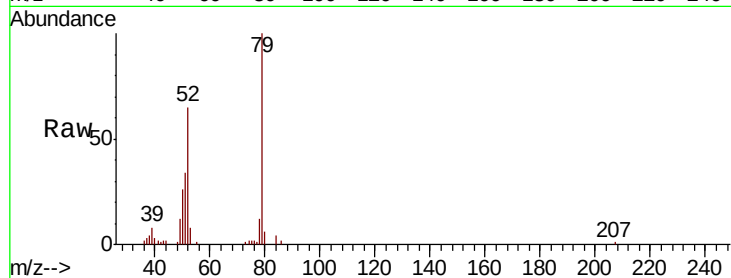




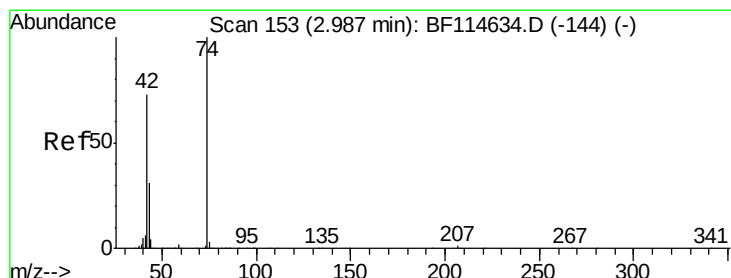
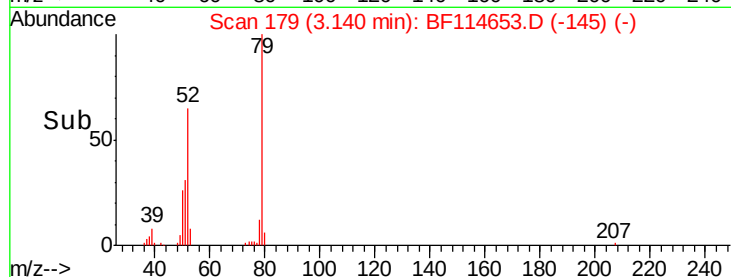
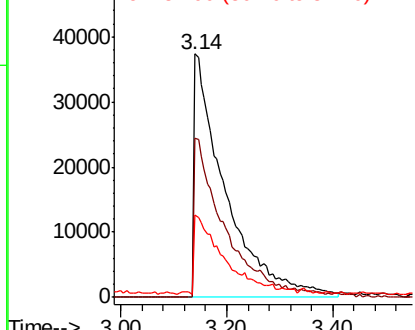
#3
 Pvridine
 Concen: 4.788 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.10 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 154059
 Ion Ratio Lower Upper
 79 100
 52 65.2 52.8 79.2
 51 33.6 26.3 39.5

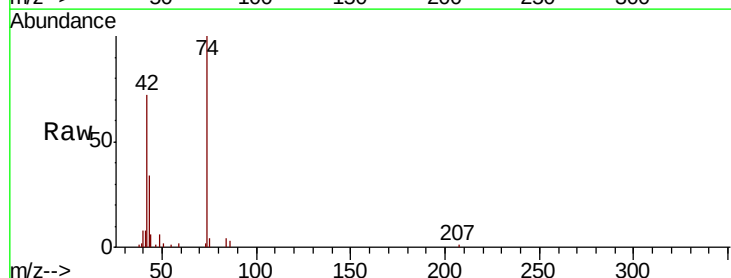


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

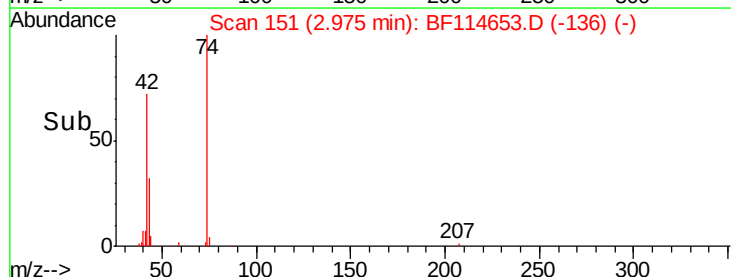
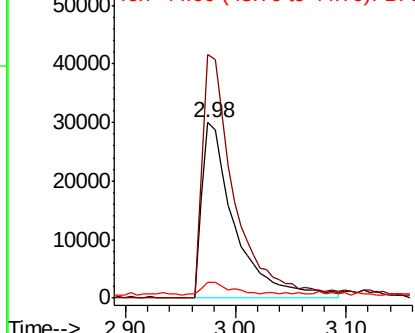


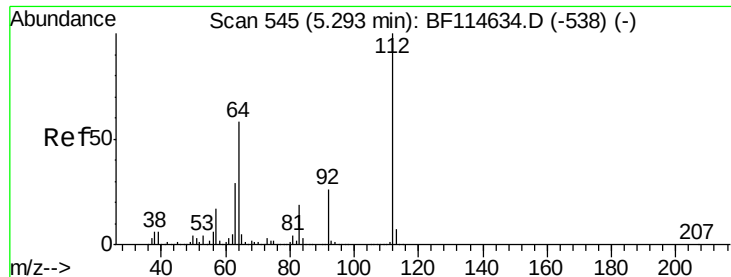
#4
 n-Nitrosodimethylamine
 Concen: 4.694 ng
 RT: 2.98 min Scan# 151
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion: 42 Resp: 61128
 Ion Ratio Lower Upper
 42 100
 74 138.7 110.0 165.0
 44 9.0 5.6 8.4#



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 134.688 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

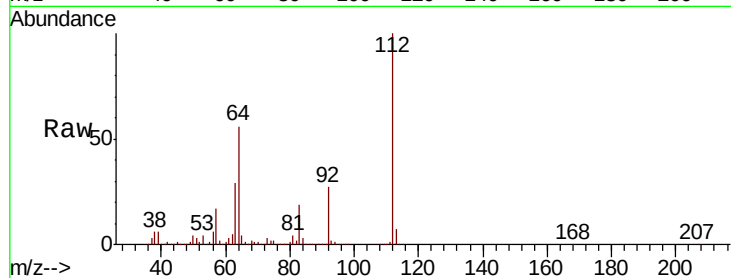
Tot Ion:112 Resp: 3103290

Ion Ratio Lower Upper

112 100

64 55.9 46.1 69.1

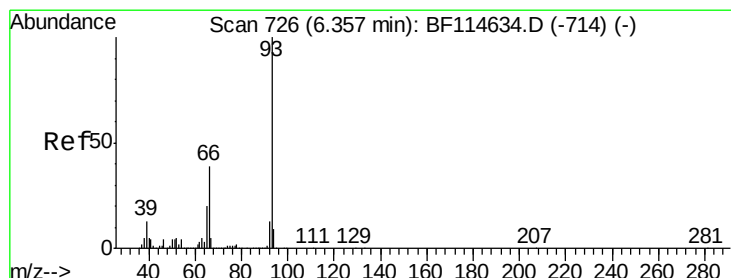
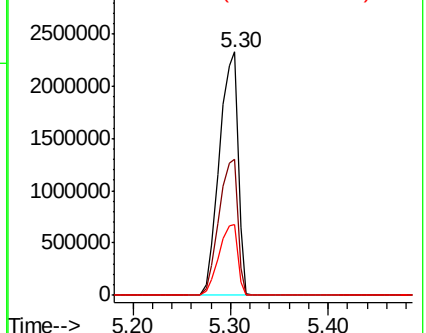
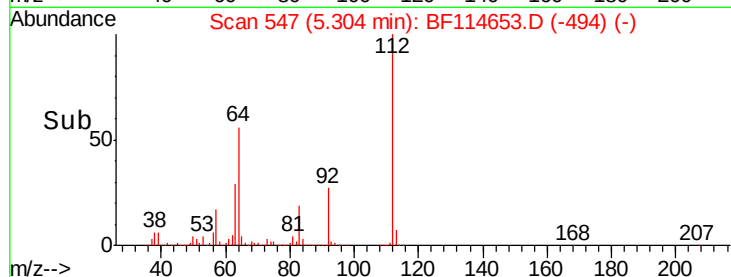
63 28.9 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.324 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

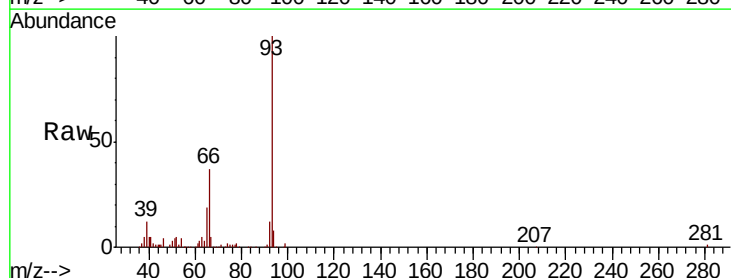
Tgt Ion: 93 Resp: 223263

Ion Ratio Lower Upper

93 100

66 37.4 31.4 47.2

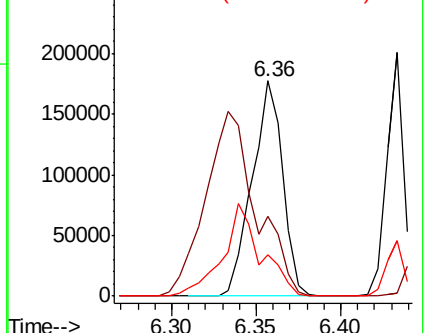
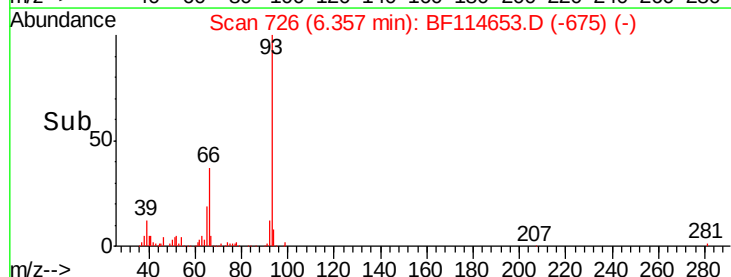
65 19.3 16.2 24.2

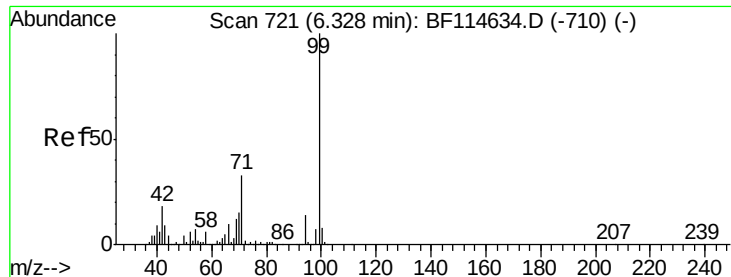


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.628 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

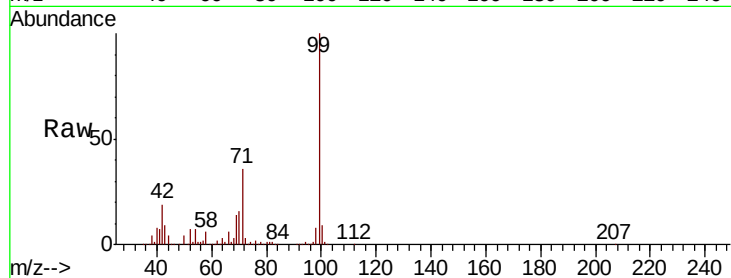
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3737911

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.7	22.1
71	36.3	26.6	40.0

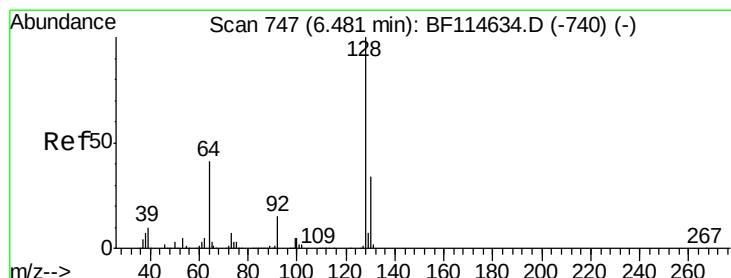
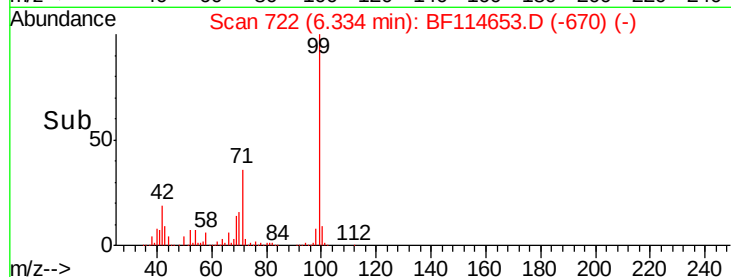
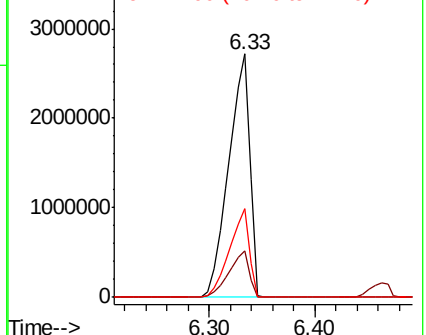


Abundance

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: 5.647 ng

RT: 6.48 min Scan# 747

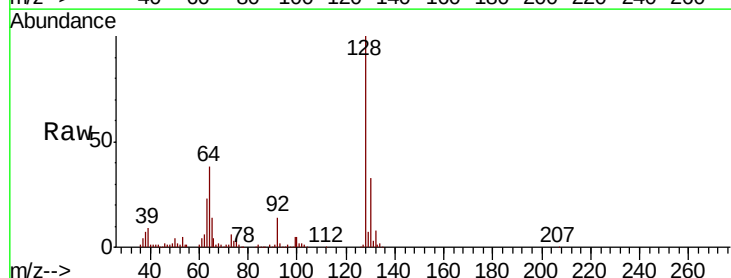
Delta R.T. -0.00 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Tgt Ion: 128 Resp: 150256

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.9	53.9
64	38.4	22.0	62.0

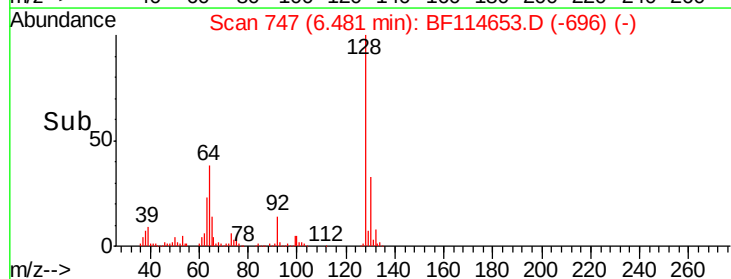
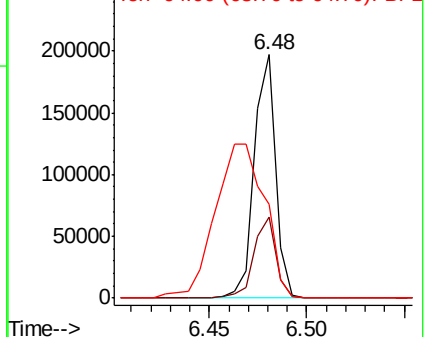


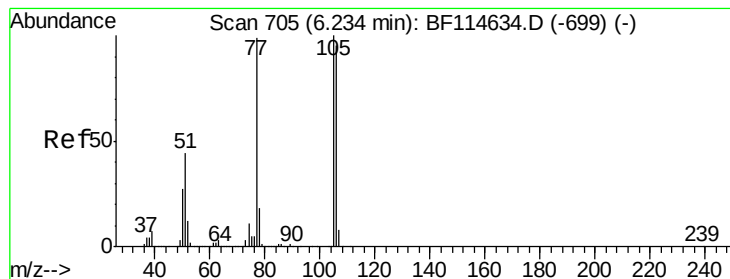
Abundance

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: 7.787 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114653.D

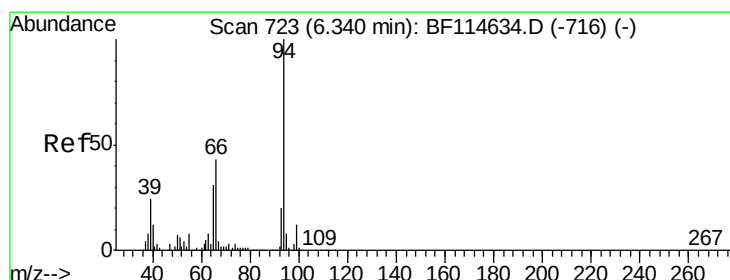
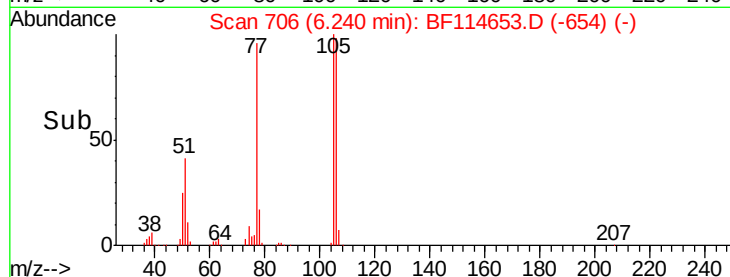
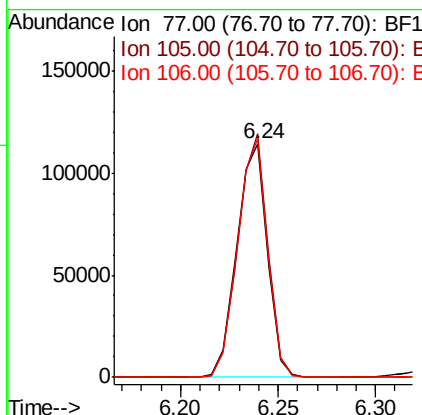
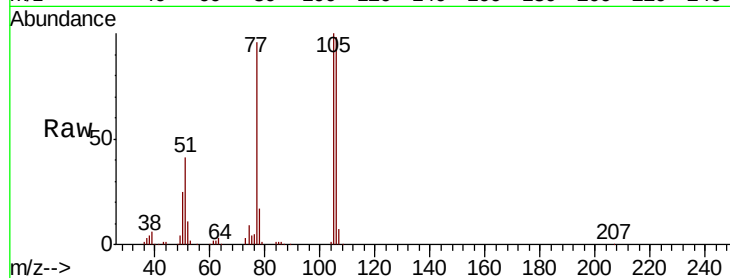
Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	77	Resp:	123357
Ion	Ratio	Lower	Upper
77	100		
105	104.1	80.8	120.8
106	101.8	76.2	116.2



#10

Phenol

Concen: 5.398 ng

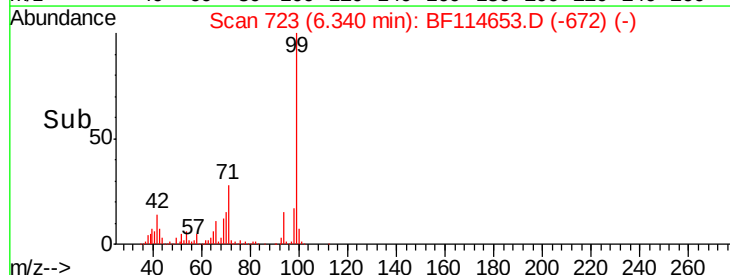
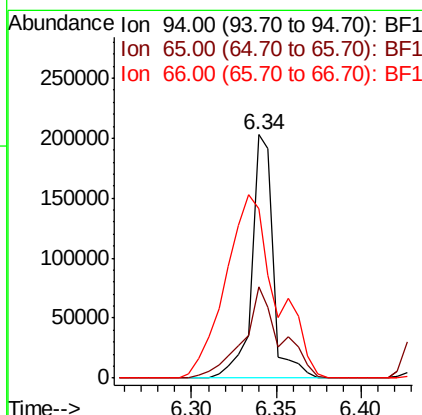
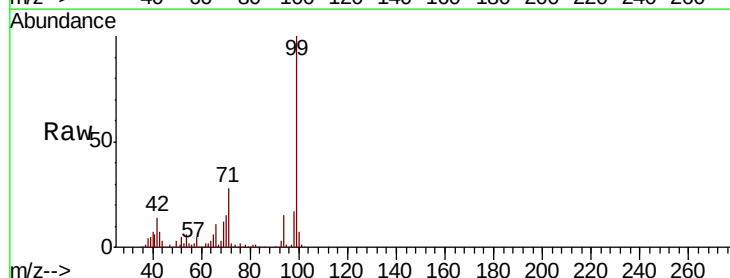
RT: 6.34 min Scan# 723

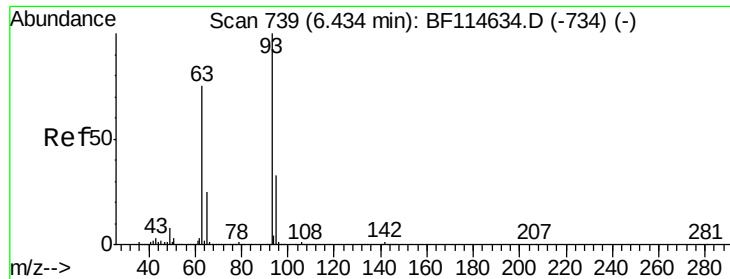
Delta R.T. -0.00 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Tgt Ion:	94	Resp:	181057
Ion	Ratio	Lower	Upper
94	100		
65	37.7	11.0	51.0
66	69.6	23.0	63.0

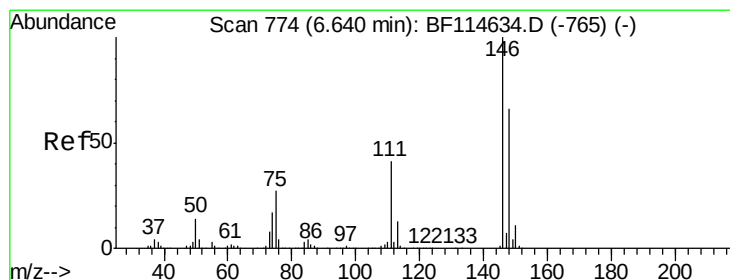
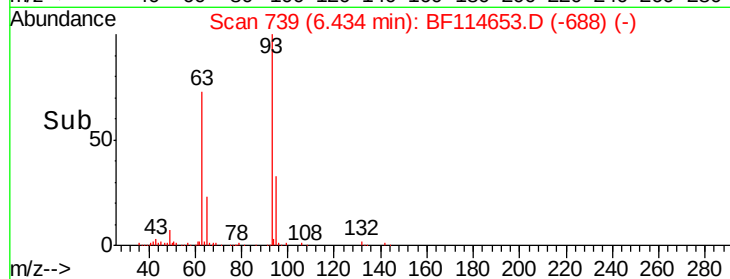
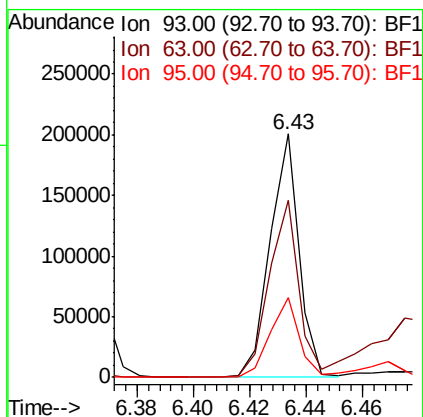
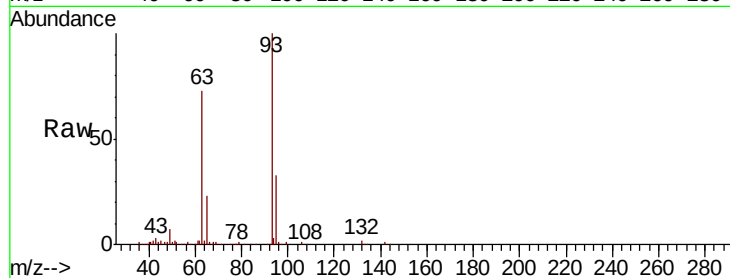




#11
bis(2-Chloroethyl)ether
Concen: 5.586 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

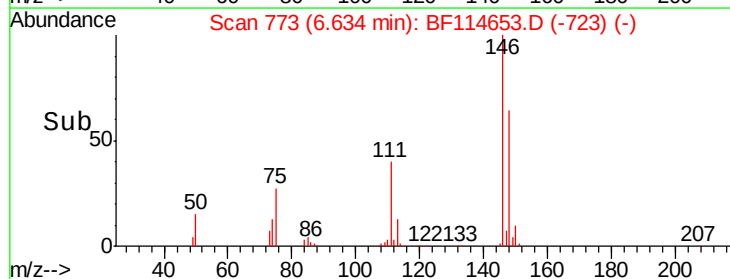
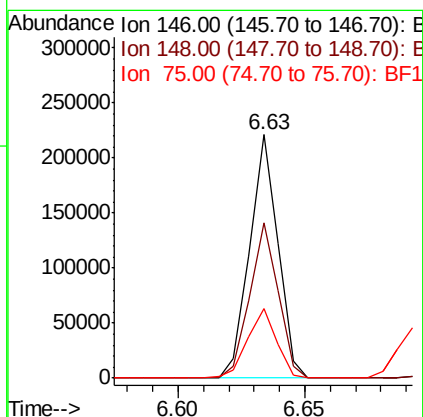
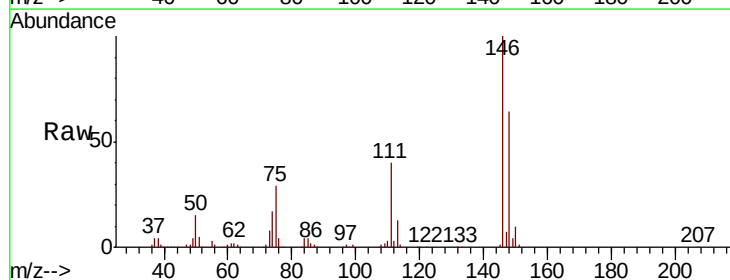
Instrument :
BNA_F
ClientSampleId :

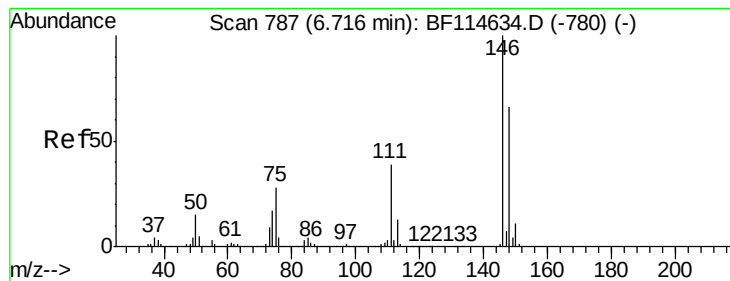
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	55.0	95.0
95	32.5	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 5.705 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.9	79.3
75	28.7	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 5.694 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

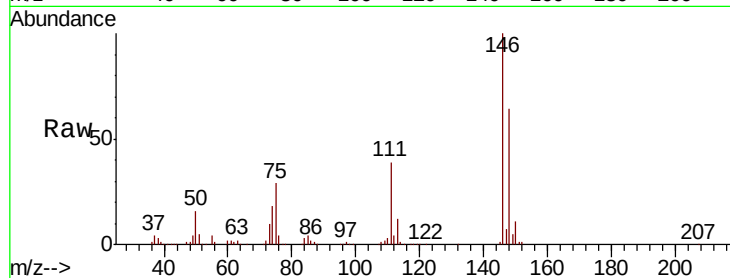
Tot Ion:146 Resp: 173163

Ion Ratio Lower Upper

146 100

148 64.4 52.5 78.7

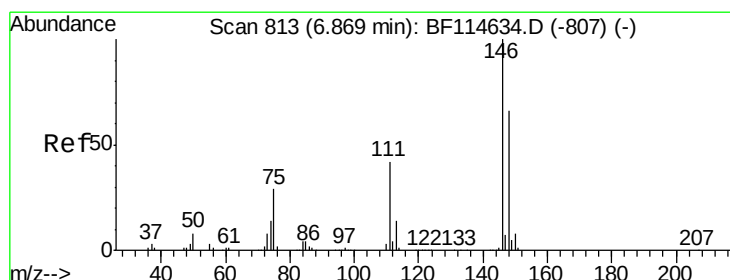
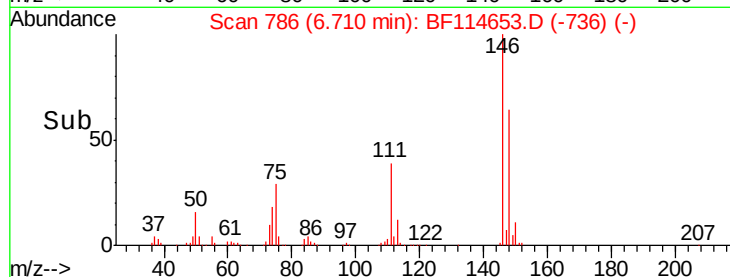
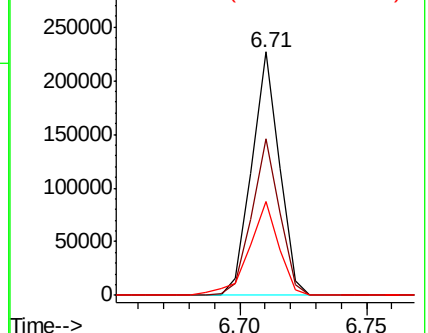
111 38.8 31.4 47.2



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: 5.734 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

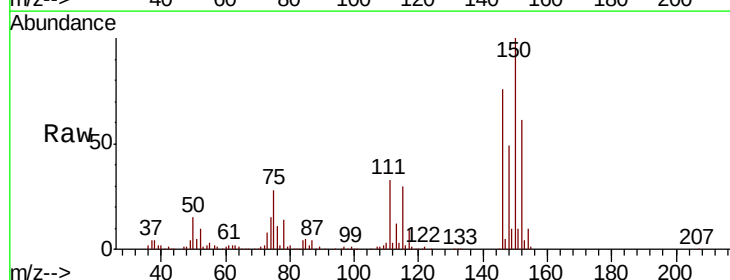
Tgt Ion:146 Resp: 158774

Ion Ratio Lower Upper

146 100

148 64.9 52.6 79.0

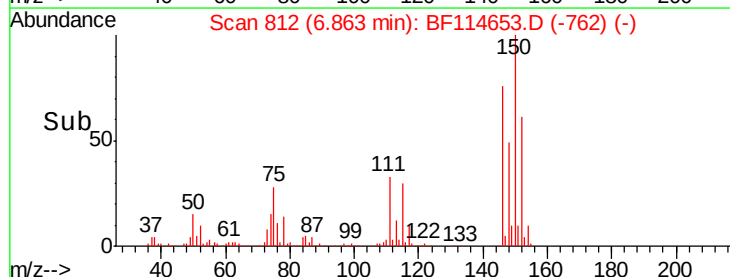
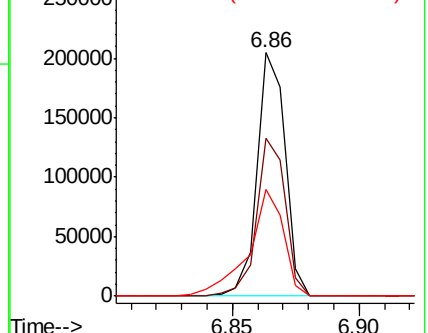
111 43.7 34.1 51.1

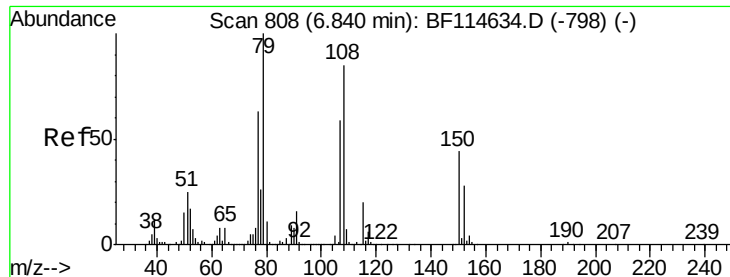


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.930 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampled :

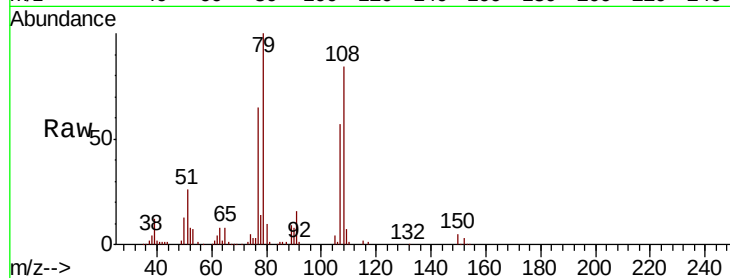
Tot Ion: 79 Resp: 151339

Ion Ratio Lower Upper

79 100

108 83.6 67.8 101.8

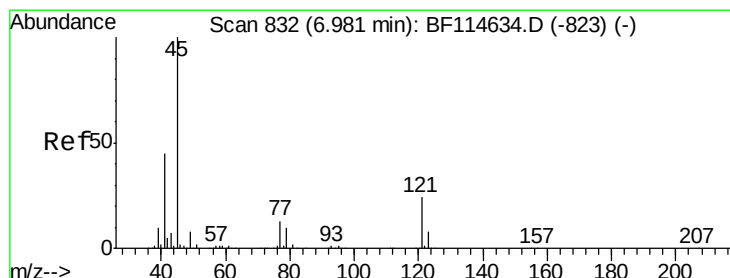
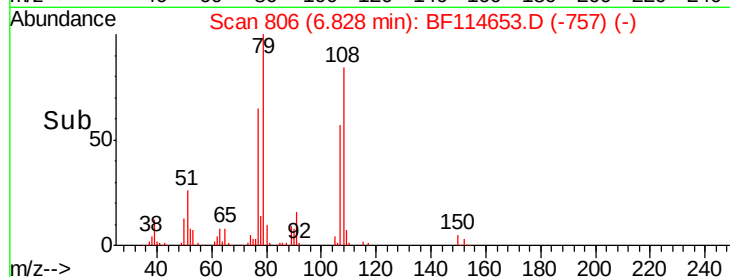
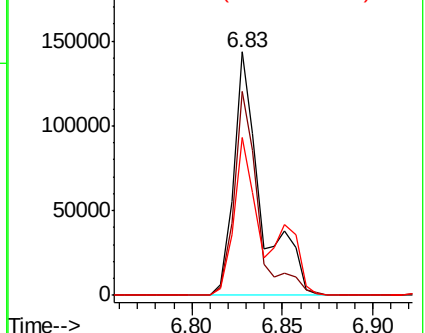
77 64.8 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.132 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

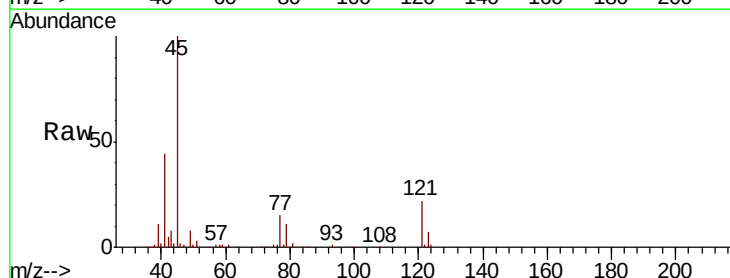
Tgt Ion: 45 Resp: 201944

Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.7

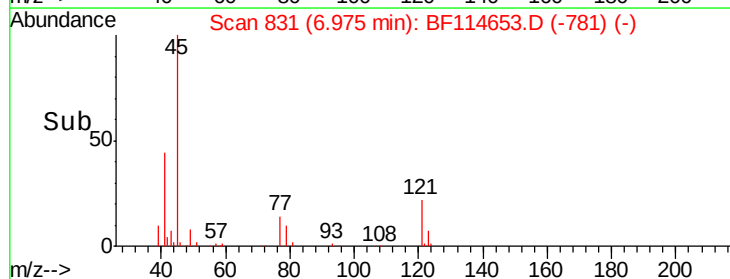
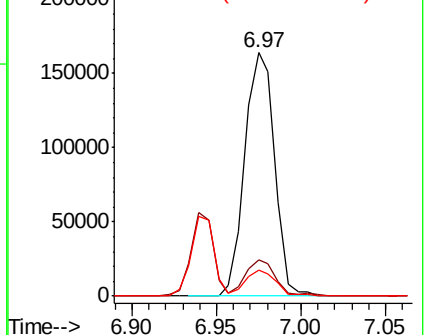
79 10.8 0.0 31.3

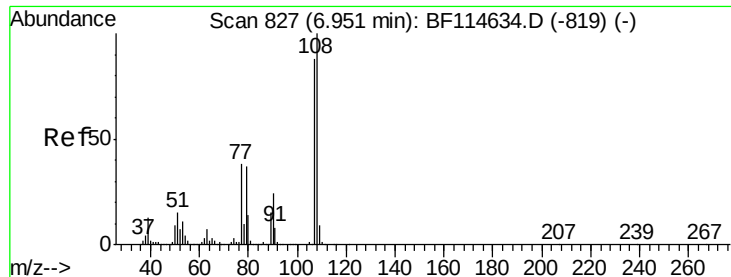


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 5.432 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 122242

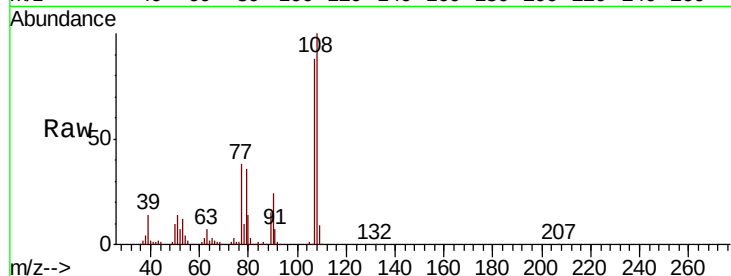
Ion Ratio Lower Upper

107 100

108 113.1 91.1 136.7

77 43.2 34.9 52.3

79 41.2 33.8 50.6

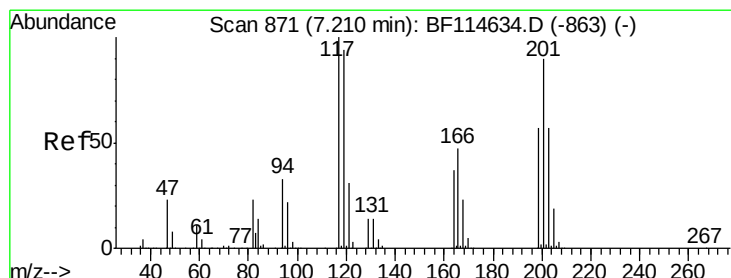
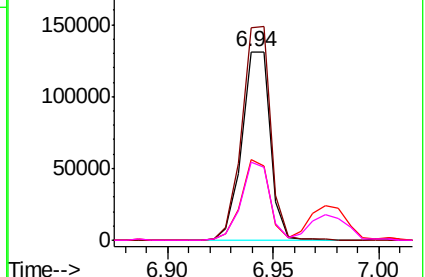
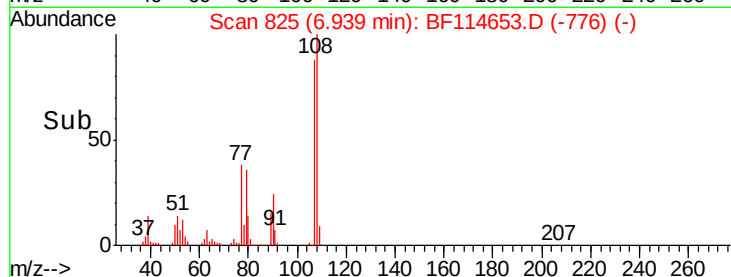


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 5.153 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

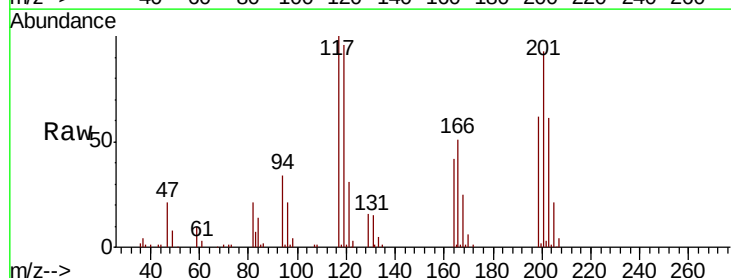
Tgt Ion:117 Resp: 59332

Ion Ratio Lower Upper

117 100

119 95.6 75.6 113.4

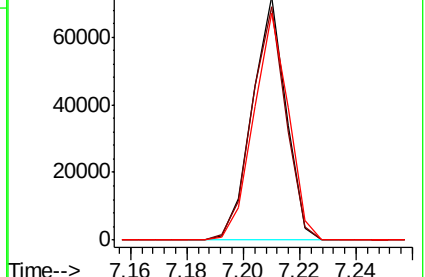
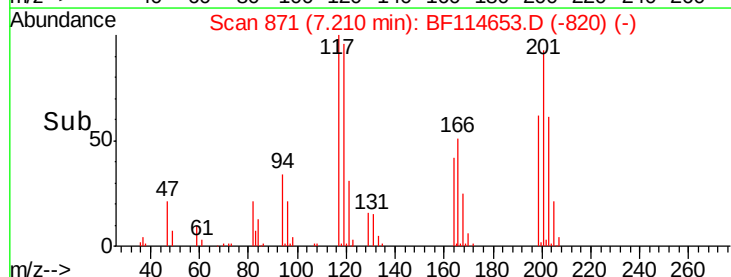
201 93.5 71.7 107.5

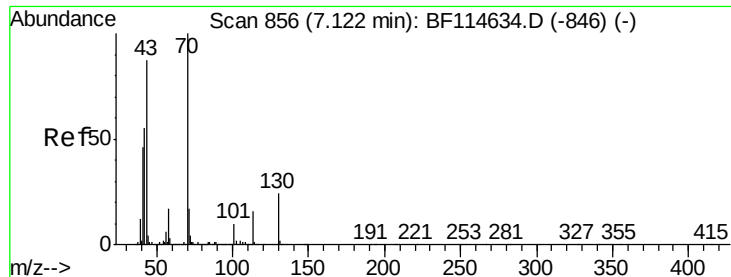


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

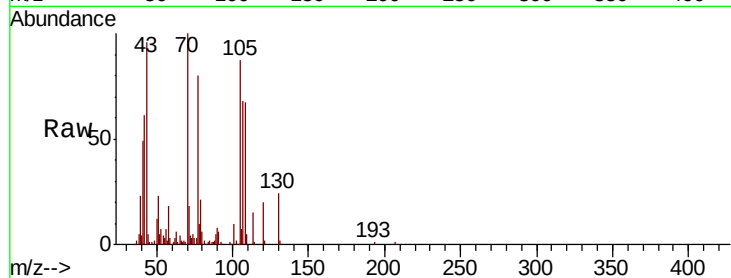




#19
n-Nitroso-di-n-propylamine
Concen: 5.381 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	103123
Ion	Ratio	Lower	Upper
70	100		
42	61.5	44.4	66.6
101	10.1	8.2	12.4
130	23.7	19.4	29.0



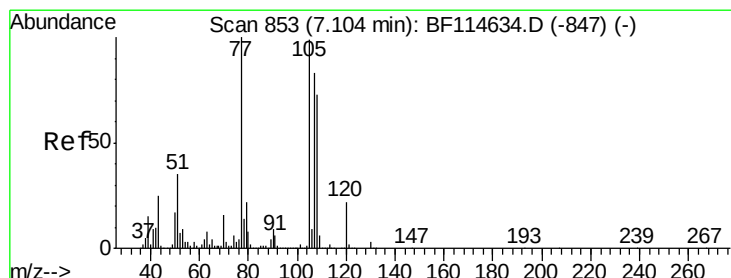
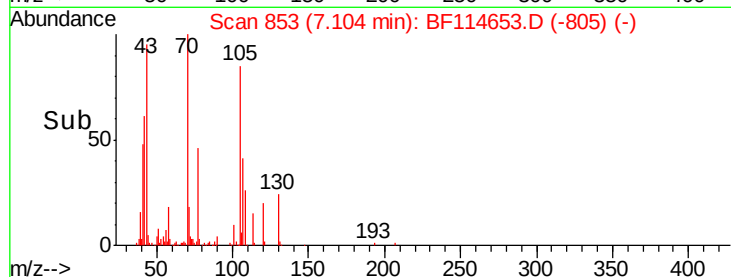
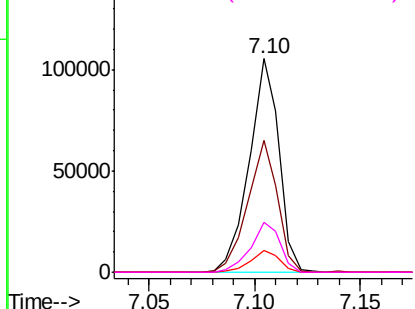
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

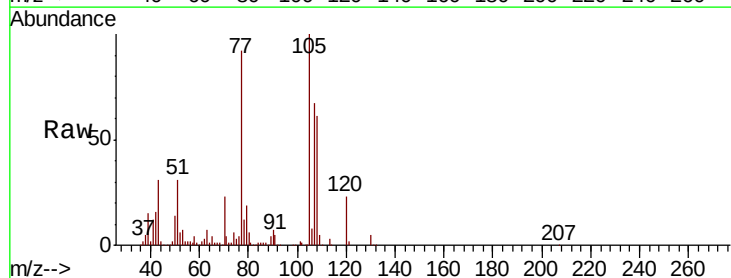
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 5.826 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion:	107	Resp:	154203
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.6	108.6
77	136.9	100.5	140.5
79	27.8	7.0	47.0



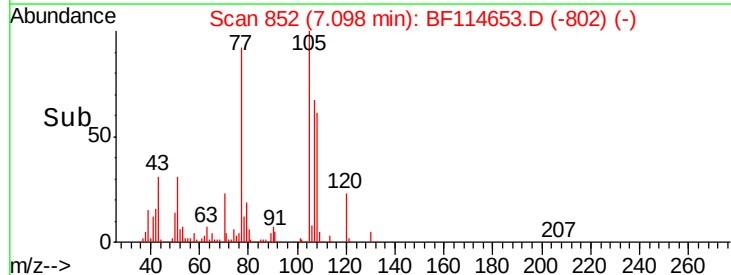
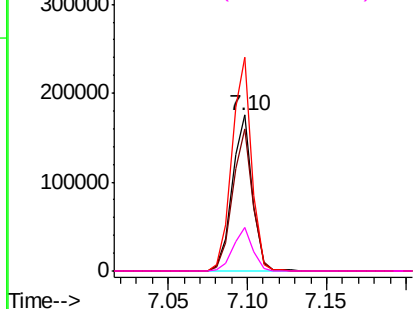
Abundance

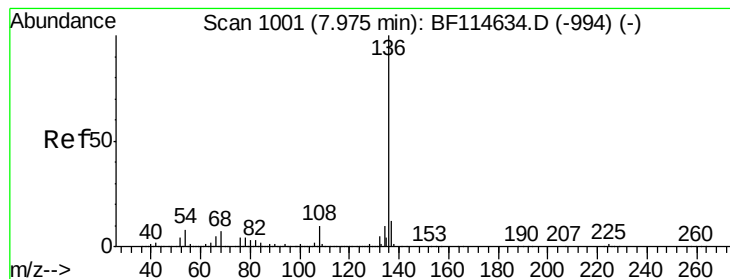
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1509946

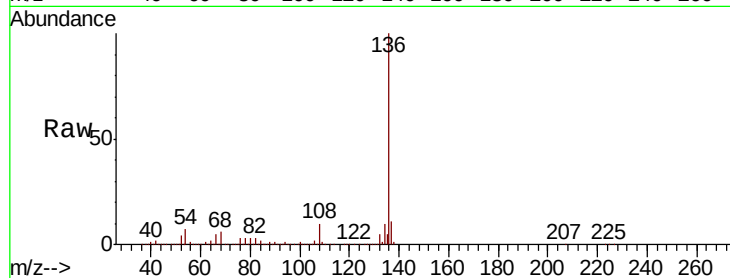
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.8 6.3 9.5

68 5.9 5.4 8.0

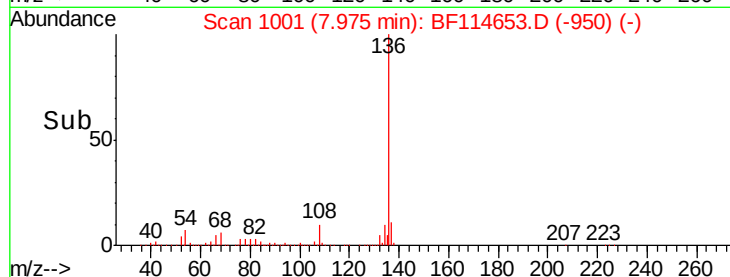


Abundance Ion 136.00 (135.70 to 136.70): E

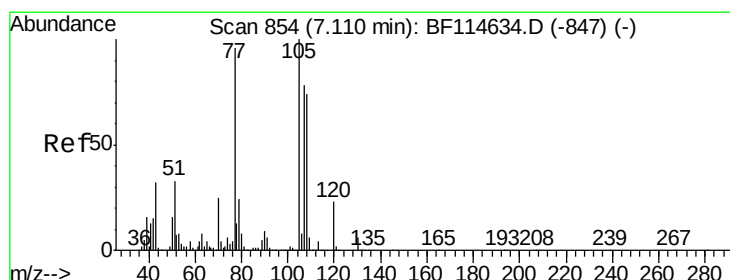
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 7.90 7.95 8.00



#22

Acetophenone

Concen: 6.566 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Tgt Ion:105 Resp: 211256

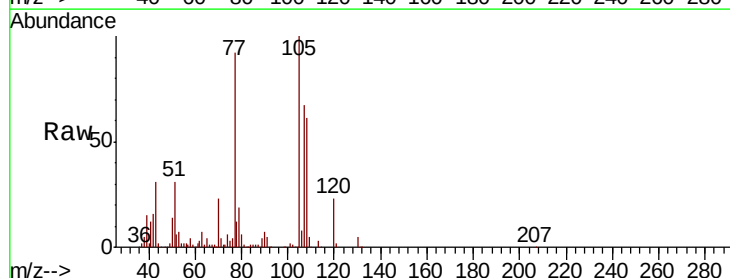
Ion Ratio Lower Upper

105 100

71 4.4 3.6 5.4

51 30.6 26.0 39.0

120 22.8 18.8 28.2

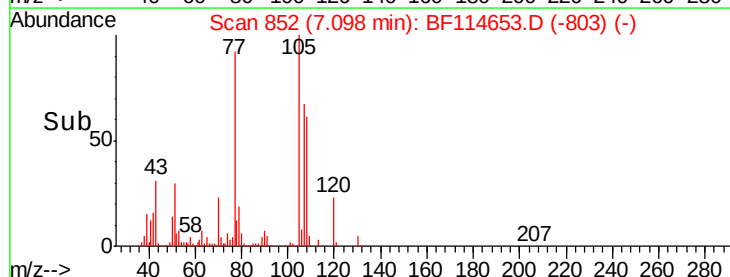


Abundance Ion 105.00 (104.70 to 105.70): E

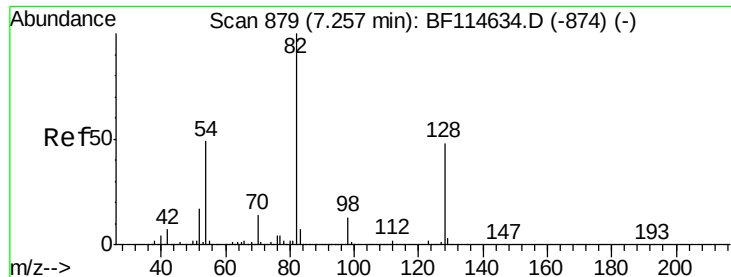
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



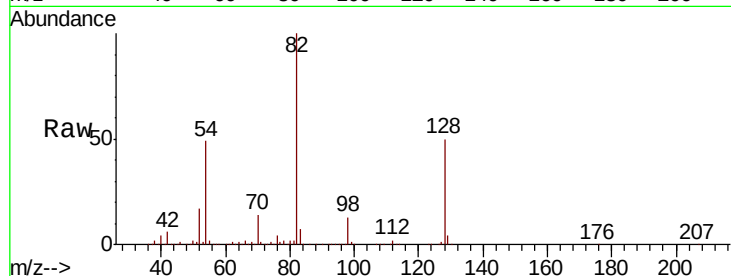
Time--> 7.05 7.10 7.15



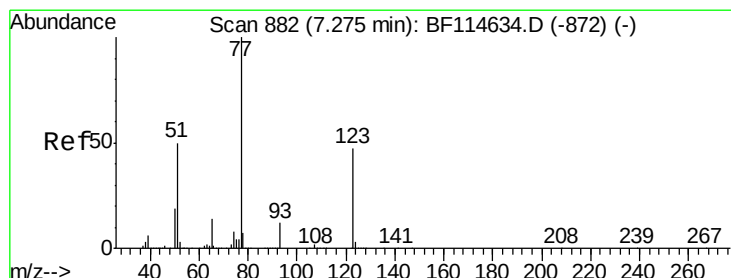
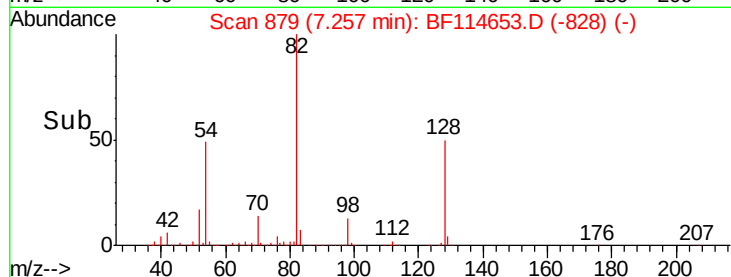
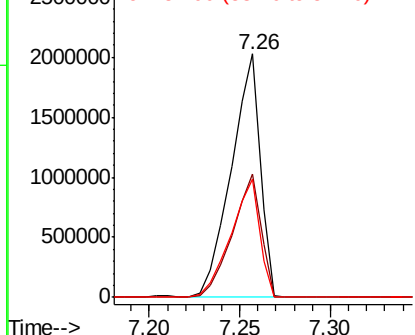
#23
 Nitrobenzene-d5
 Concen: 92.687 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 2243228
 Ion Ratio Lower Upper
 82 100
 128 50.4 38.5 57.7
 54 48.6 39.1 58.7

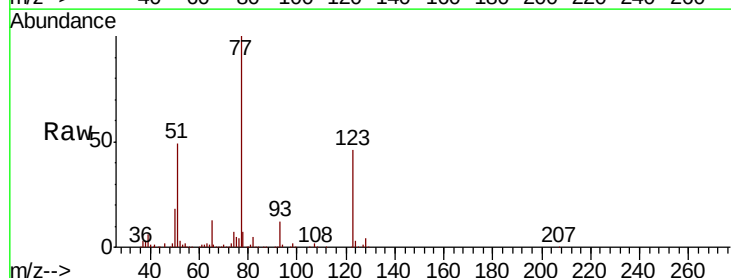


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

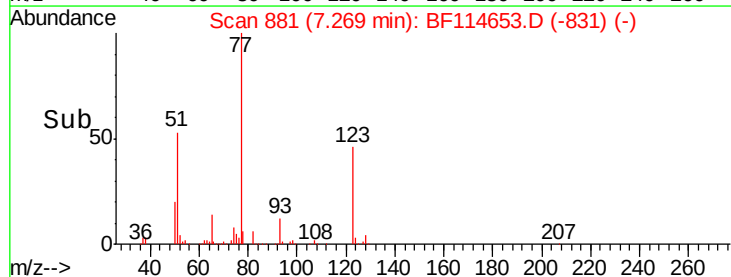
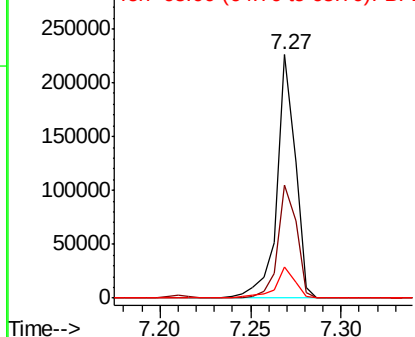


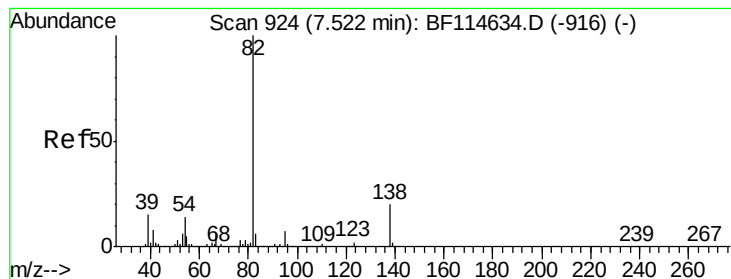
#24
 Nitrobenzene
 Concen: 6.192 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion: 77 Resp: 159201
 Ion Ratio Lower Upper
 77 100
 123 46.3 38.5 57.7
 65 12.6 11.2 16.8



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: 5.707 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

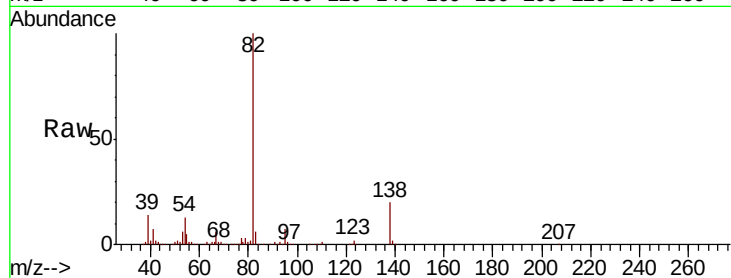
Tot Ion: 82 Resp: 277213

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

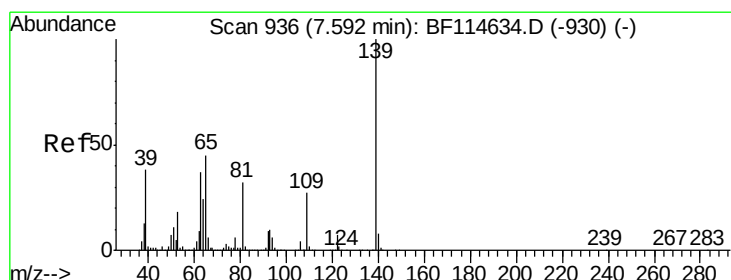
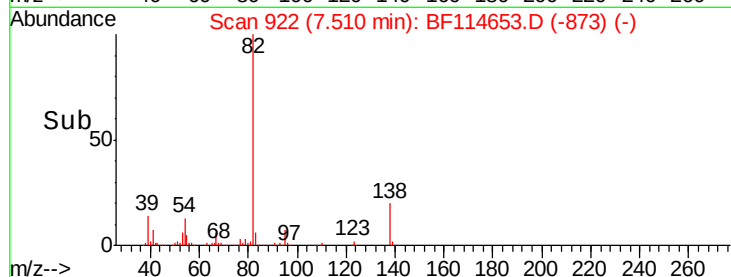
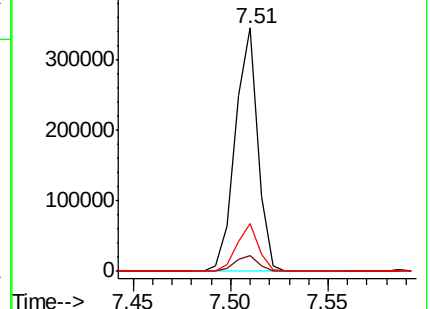
138 19.8 15.9 23.9



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: 4.859 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

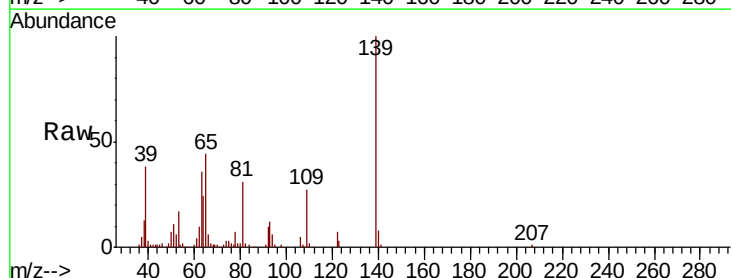
Tgt Ion: 139 Resp: 60802

Ion Ratio Lower Upper

139 100

109 27.0 21.7 32.5

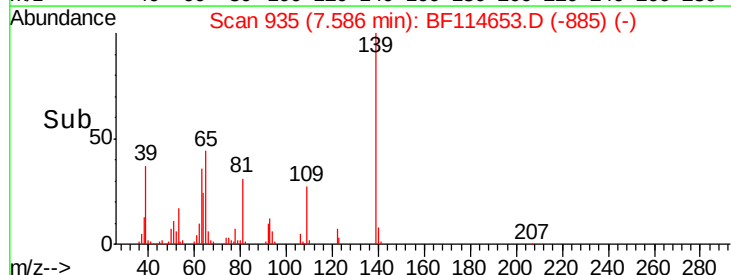
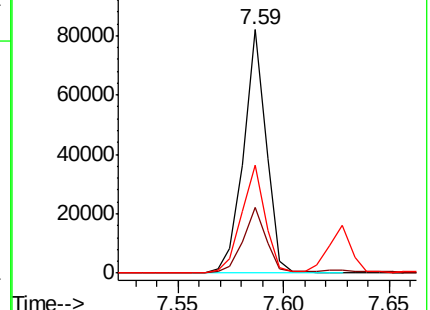
65 44.4 36.3 54.5

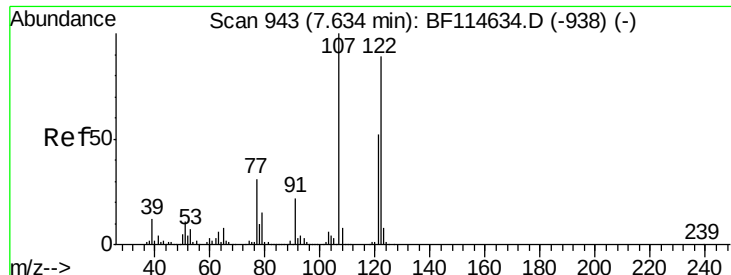


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

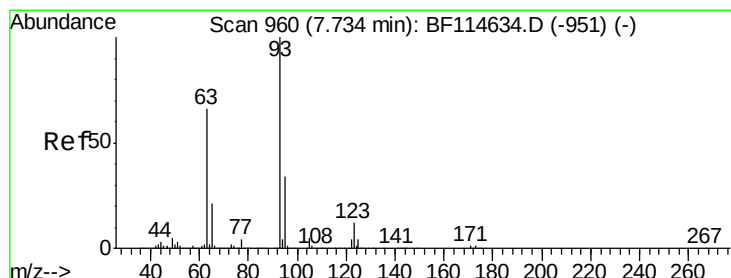
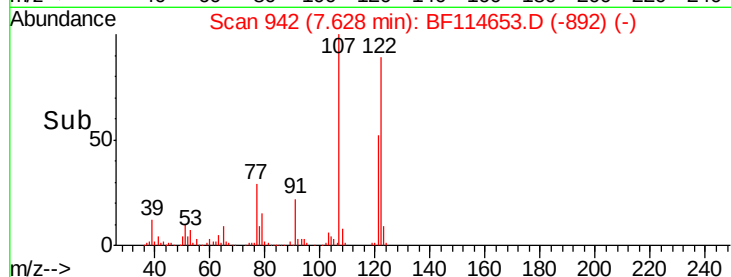
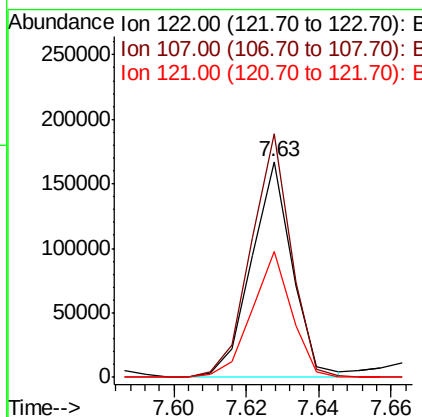
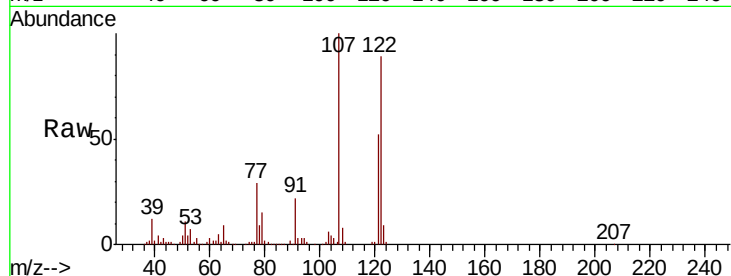




#27
 2,4-Dimethylphenol
 Concen: 6.292 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

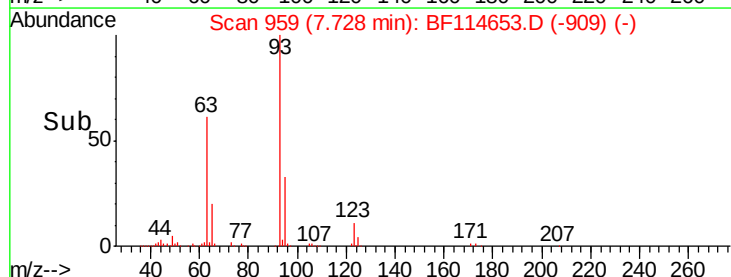
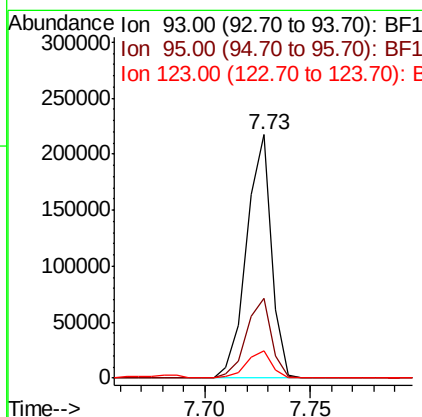
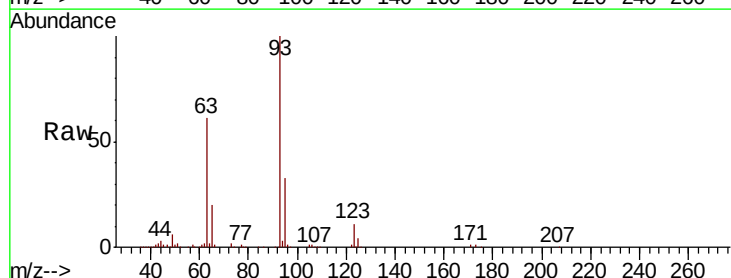
Instrument :
 BNA_F
 ClientSampled :

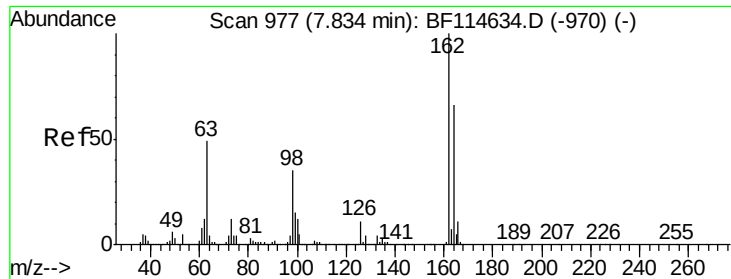
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	89.3	133.9
121	58.5	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.760 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.0	40.4
123	11.3	10.2	15.2

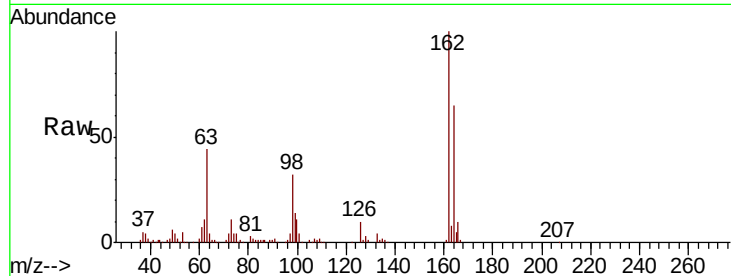




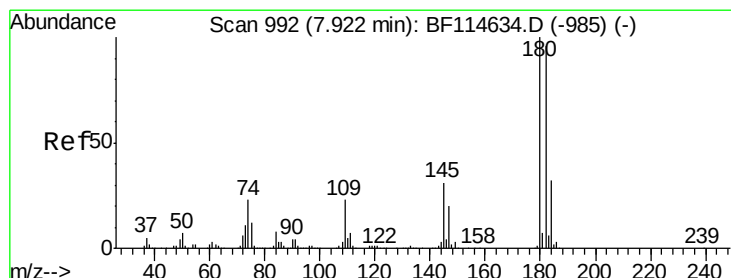
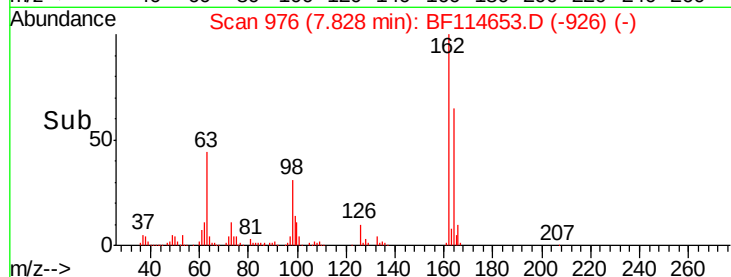
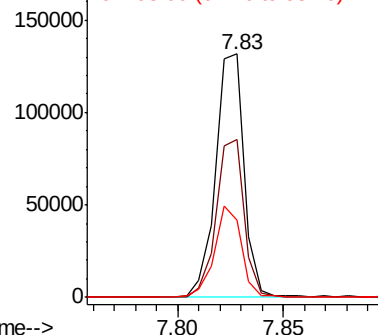
#29
 2,4-Dichlorophenol
 Concen: 5.811 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162	Resp:	123101
Ion Ratio	Lower	Upper
162	100	
164	65.1	45.8 85.8
98	31.6	14.9 54.9

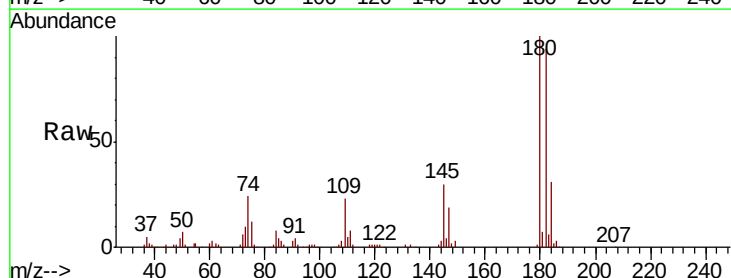


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

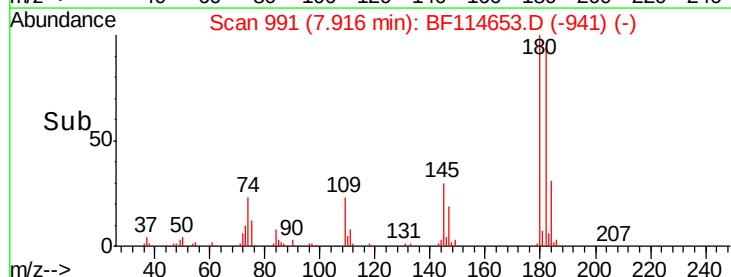
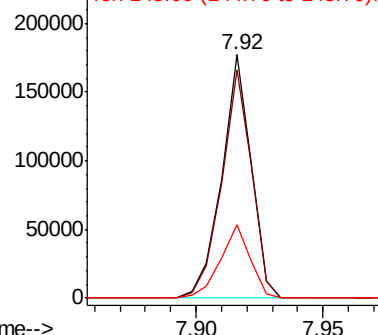


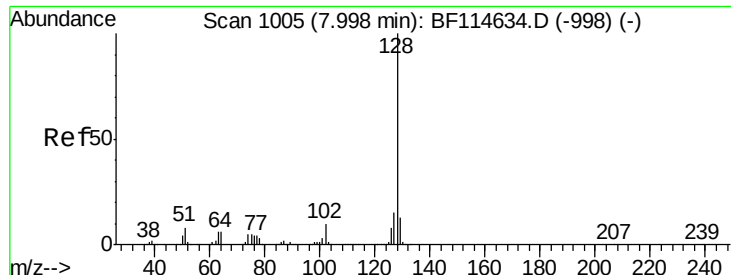
#30
 1,2,4-Trichlorobenzene
 Concen: 5.927 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion:180	Resp:	143059
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.9 115.3
145	30.3	24.5 36.7



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

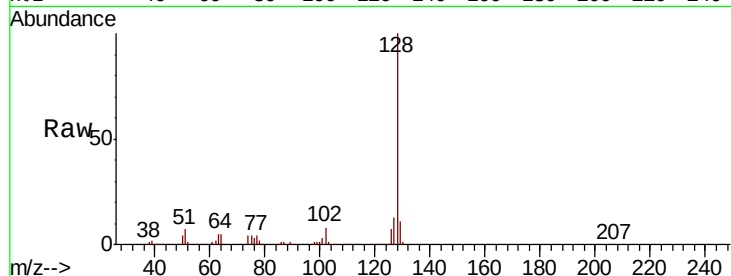




#31
Naphthalene
Concen: 6.630 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.2	15.2
127	13.0	11.9	17.9

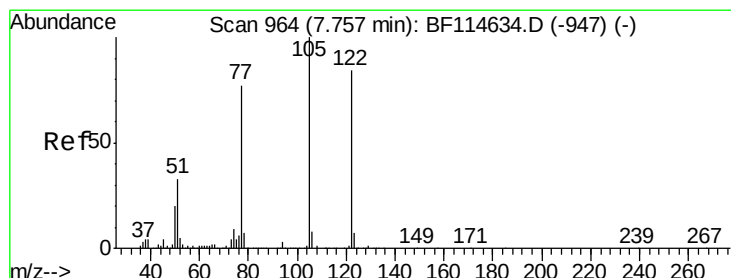
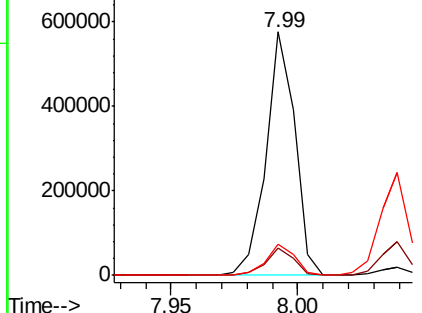
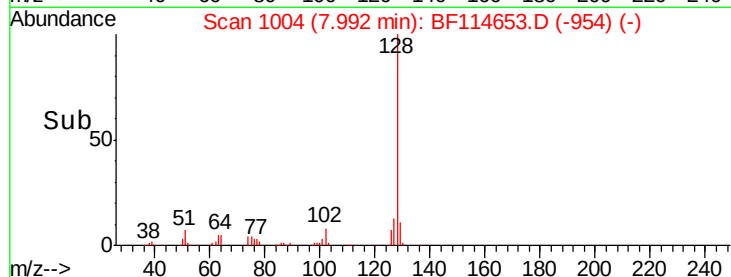


Abundance

Ion 128.00 (127.70 to 128.70): E

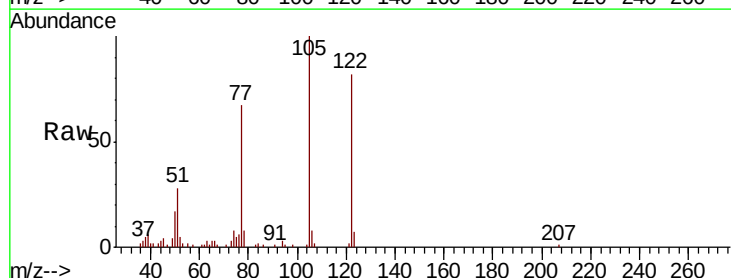
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 3.477 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.07 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	98.3	138.3
77	81.2	70.7	110.7

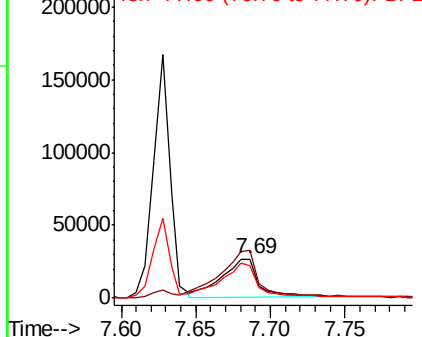
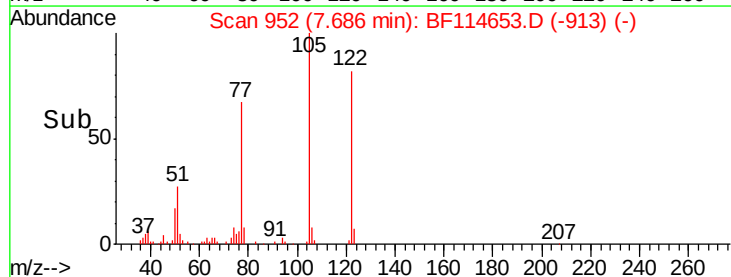


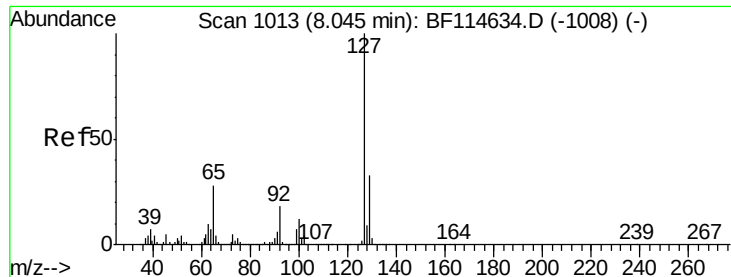
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

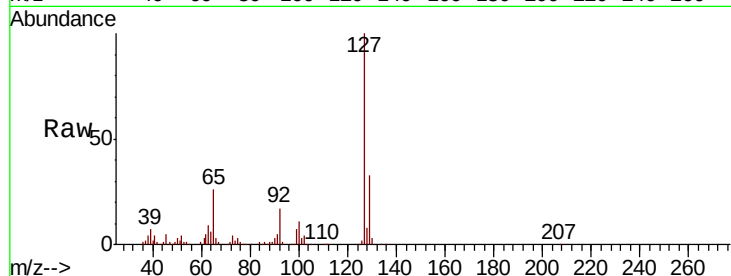




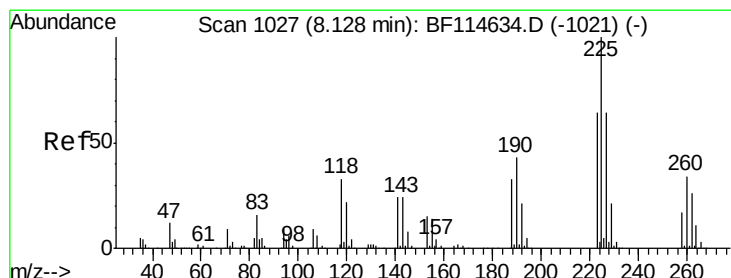
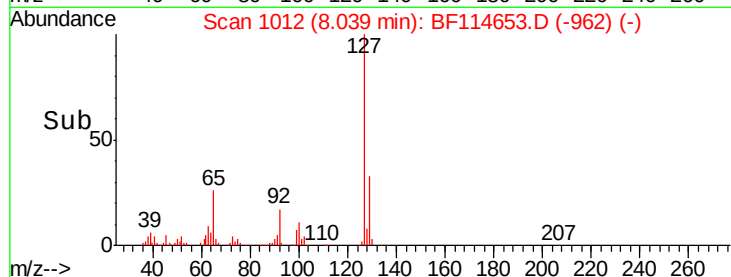
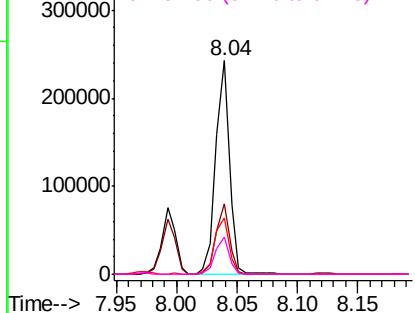
#33
4-Chloroaniline
Concen: 5.732 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	189935
Ion Ratio	Lower	Upper
127	100	
129	33.2	26.7 40.1
65	26.3	22.5 33.7
92	17.4	14.6 22.0

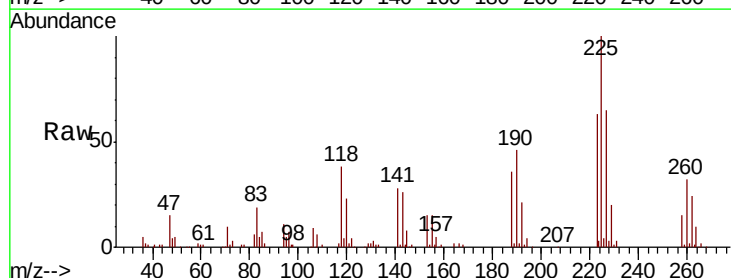


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

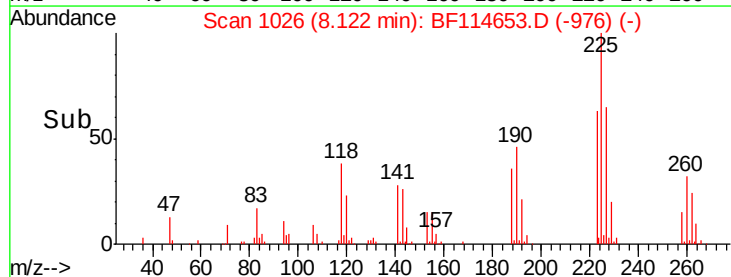
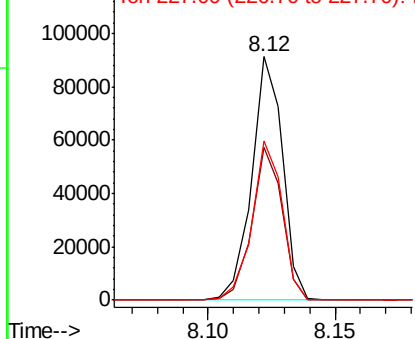


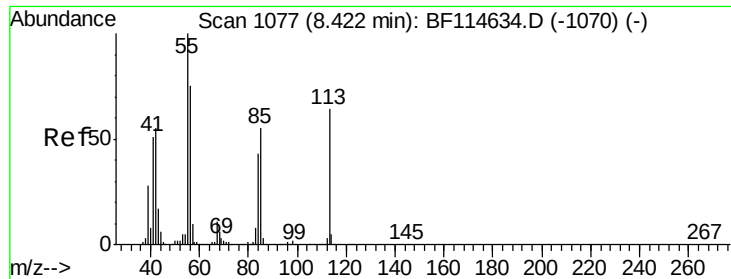
#34
Hexachlorobutadiene
Concen: 5.786 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion:225	Resp:	77579
Ion Ratio	Lower	Upper
225	100	
223	62.8	50.9 76.3
227	65.3	51.3 76.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

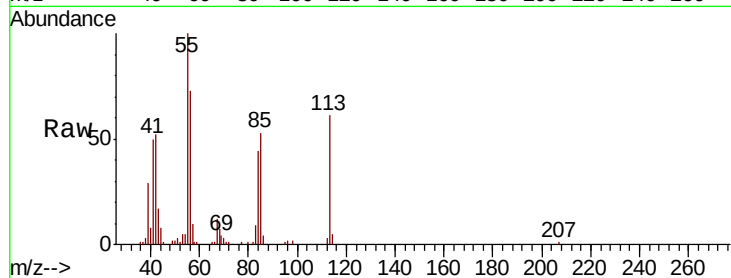




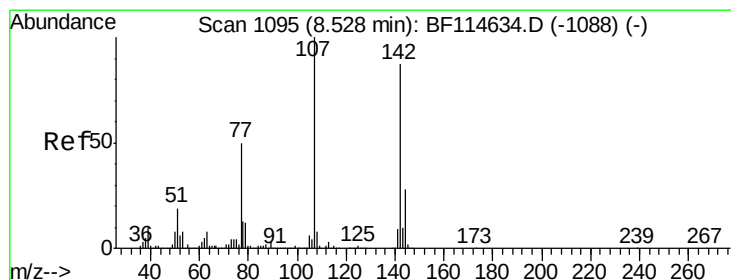
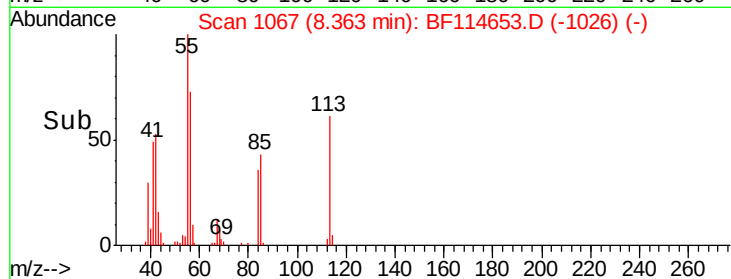
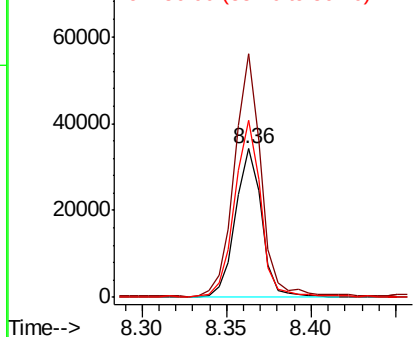
#35
 Caprolactam
 Concen: 5.190 ng
 RT: 8.36 min Scan# 1067
 Delta R.T. -0.06 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 37106
 Ion Ratio Lower Upper
 113 100
 55 163.9 136.4 176.4
 56 119.1 97.0 137.0

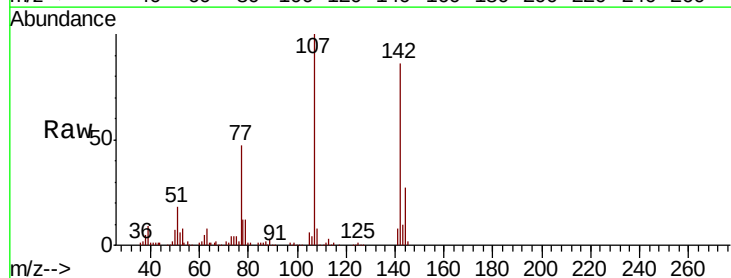


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

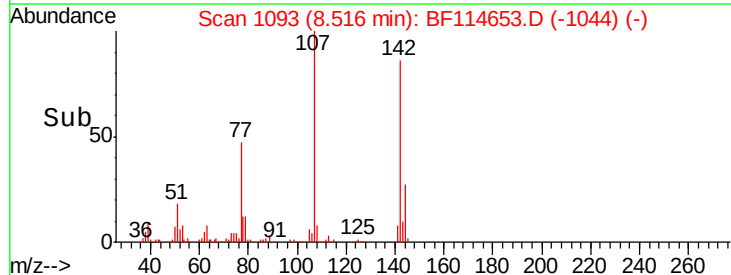
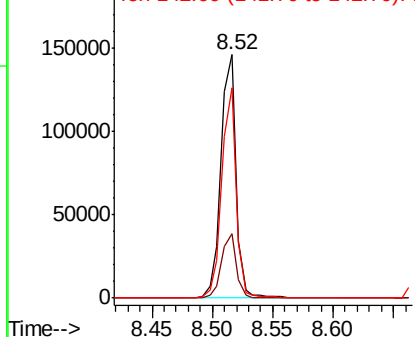


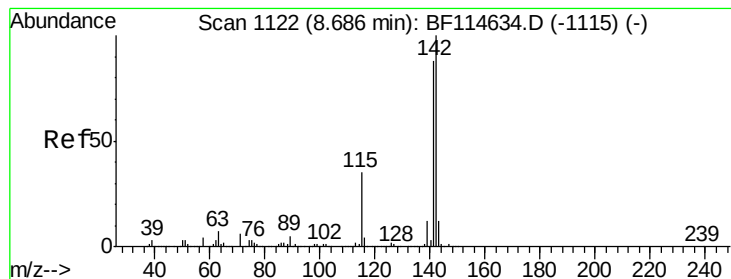
#36
 4-Chloro-3-methylphenol
 Concen: 5.932 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion:107 Resp: 126018
 Ion Ratio Lower Upper
 107 100
 144 26.6 22.5 33.7
 142 86.4 69.8 104.6



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

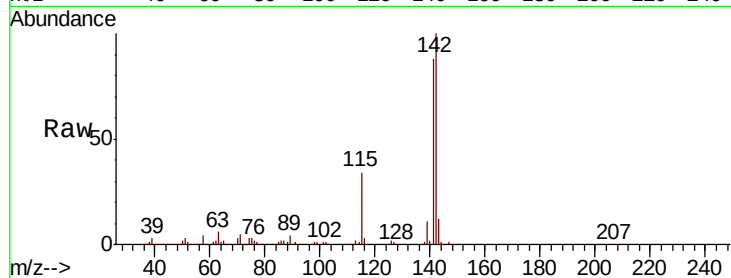




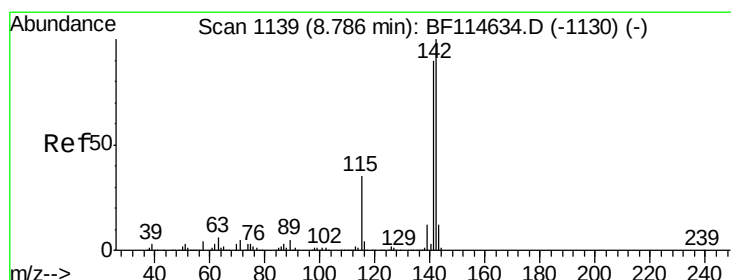
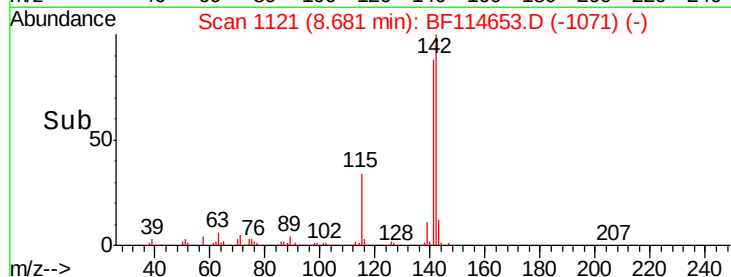
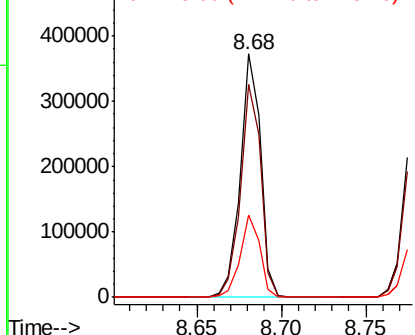
#37
 2-Methylnaphthalene
 Concen: 6.741 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 311510
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.3 105.5
 115 33.8 28.0 42.0

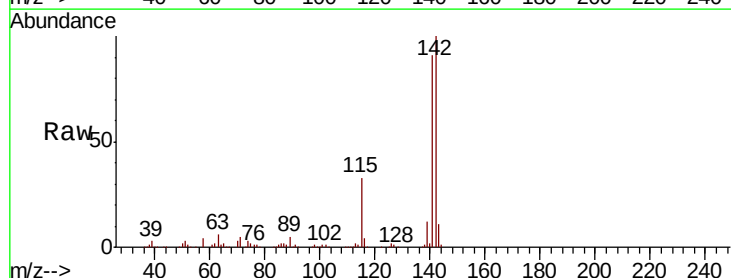


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

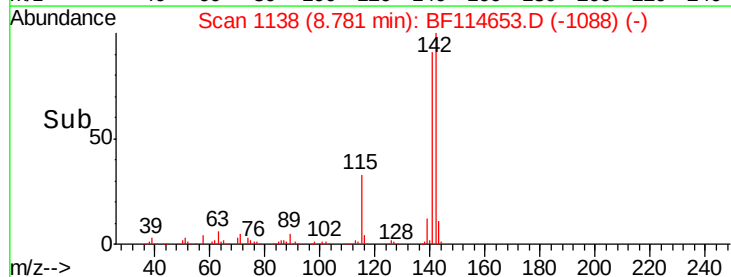
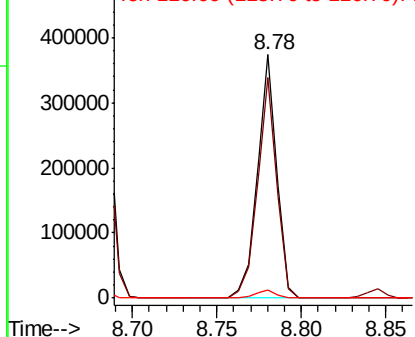


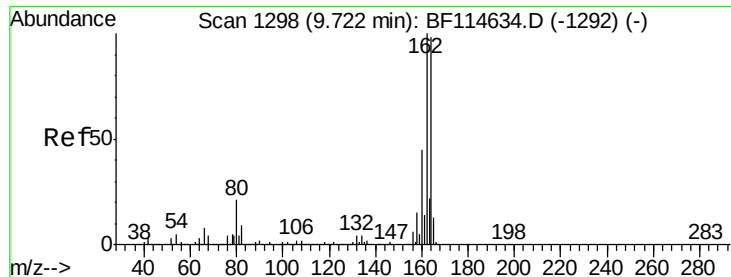
#38
 1-Methylnaphthalene
 Concen: 6.806 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion:142 Resp: 297989
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.3 108.5
 116 3.6 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

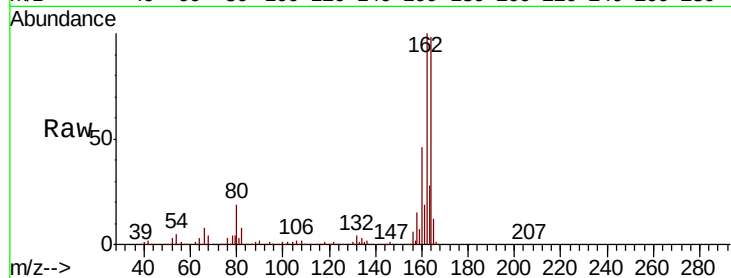




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.2
160	47.1	36.6	54.8

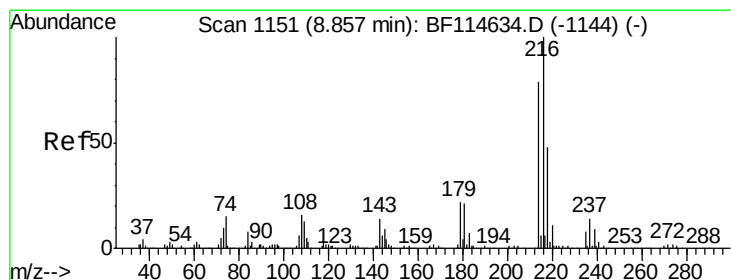
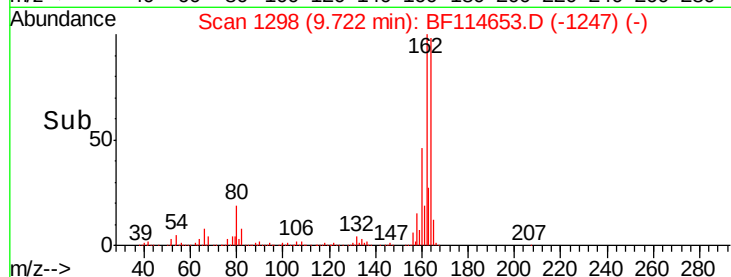
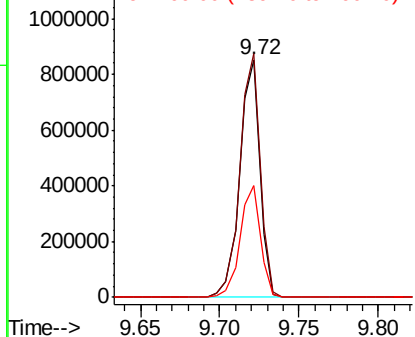


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.747 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.2	94.8
179	21.5	17.9	26.9
108	19.8	15.8	23.8

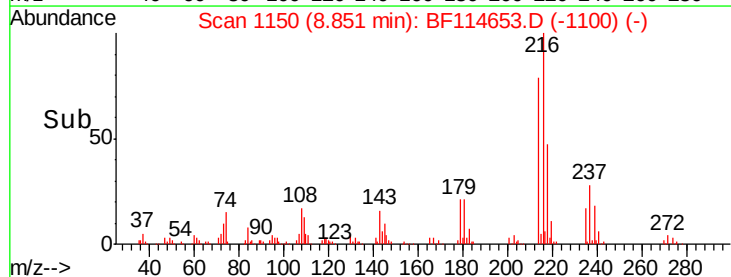
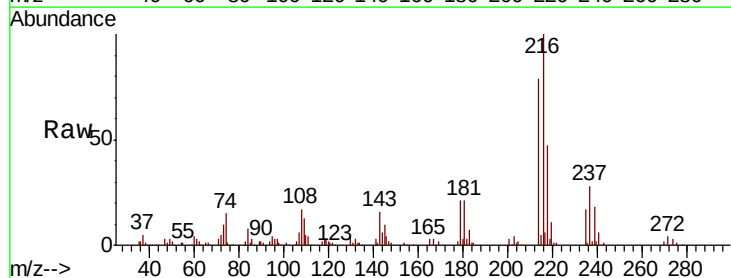
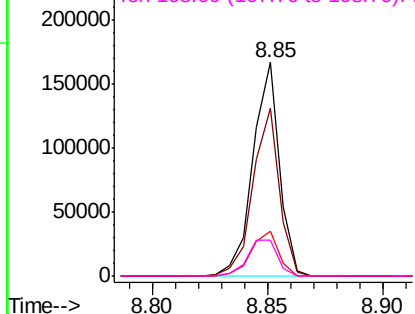
Abundance

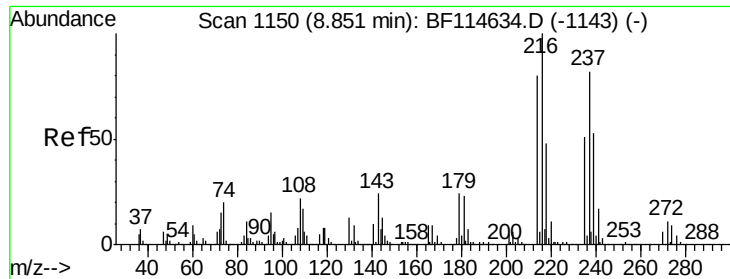
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

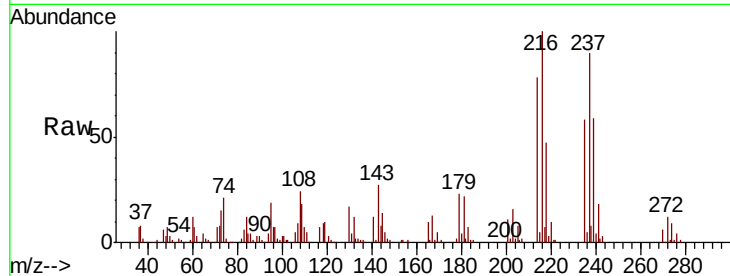




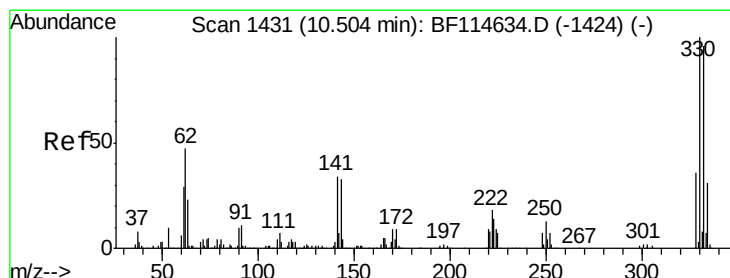
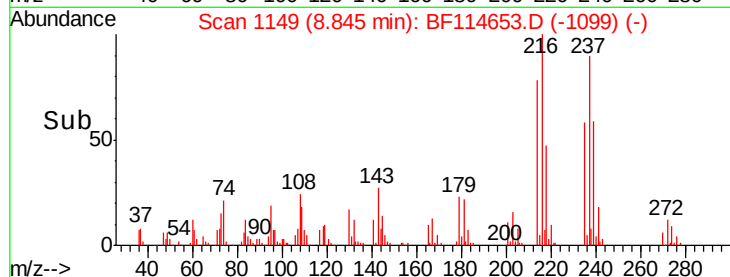
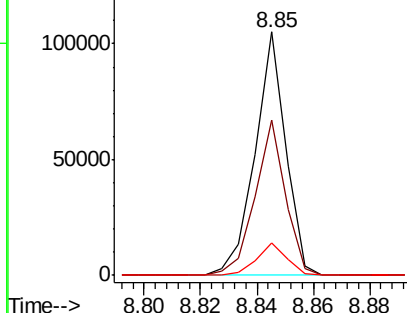
#41
Hexachlorocyclopentadiene
Concen: 6.029 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 79335
Ion Ratio Lower Upper
237 100
235 63.9 42.8 82.8
272 13.3 0.0 33.7

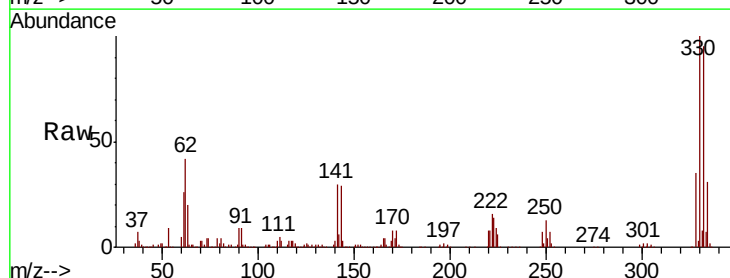


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

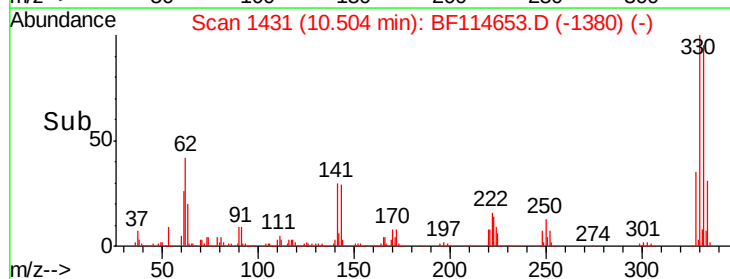
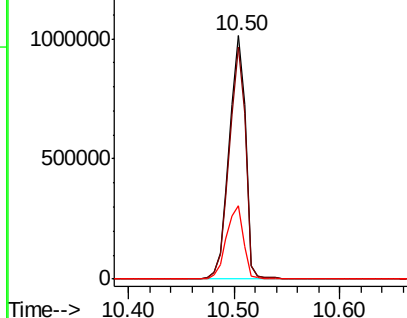


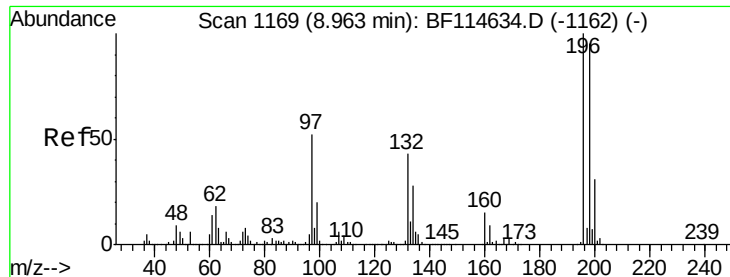
#42
2,4,6-Tribromophenol
Concen: 152.612 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion:330 Resp: 1087326
Ion Ratio Lower Upper
330 100
332 95.1 75.8 113.8
141 31.6 27.8 41.8



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

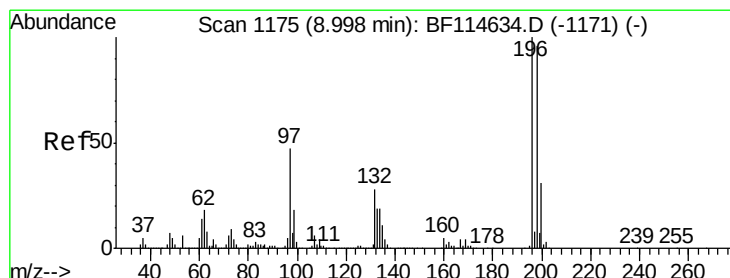
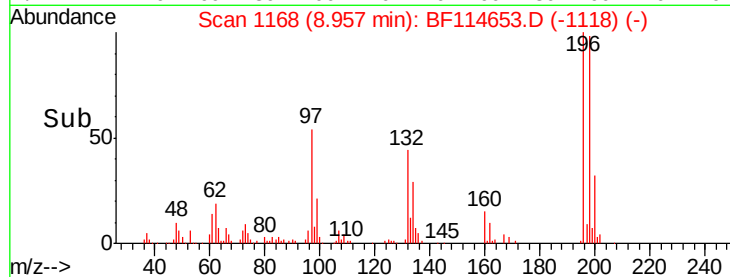
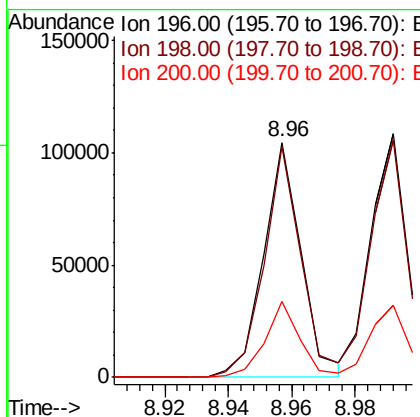
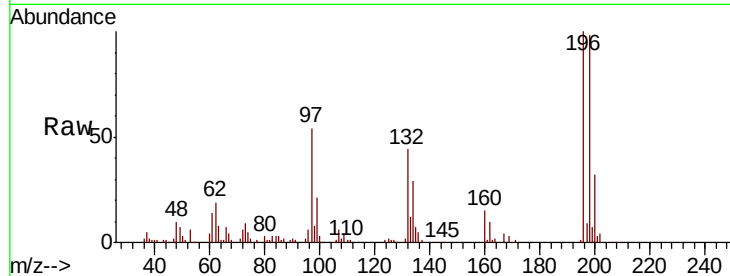




#43
 2,4,6-Trichlorophenol
 Concen: 5.539 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

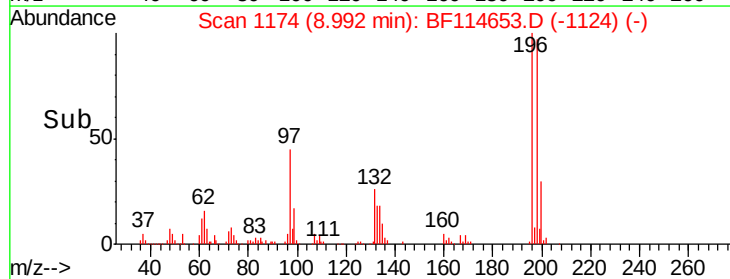
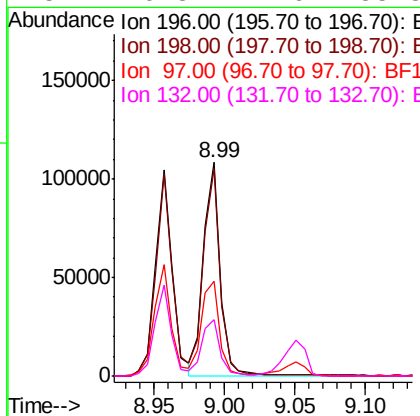
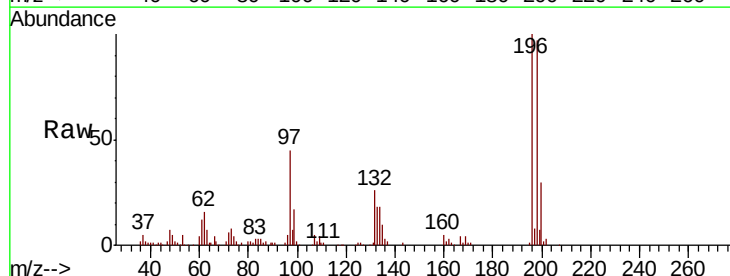
Instrument :
 BNA_F
 ClientSampled :

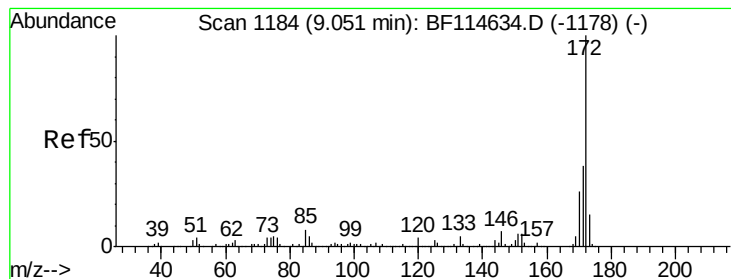
Tot Ion:196	Resp:	86781
Ion Ratio	Lower	Upper
196	100	
198	98.2	76.1 114.1
200	32.2	24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 5.825 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion:196	Resp:	91081
Ion Ratio	Lower	Upper
196	100	
198	97.2	76.8 115.2
97	44.6	37.8 56.8
132	26.3	22.6 33.8

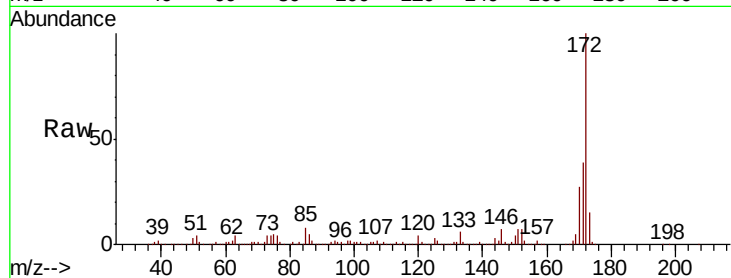




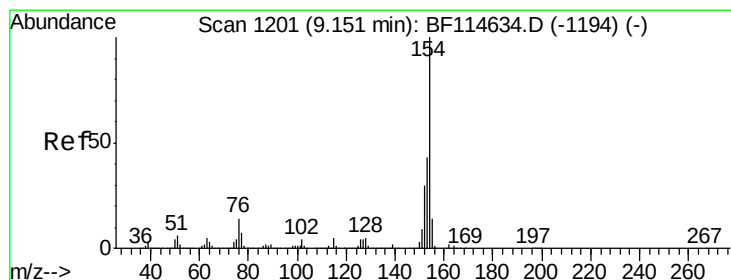
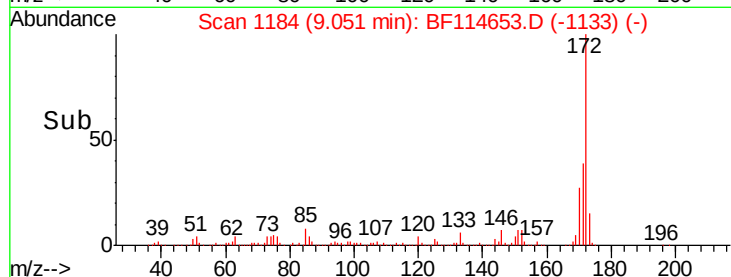
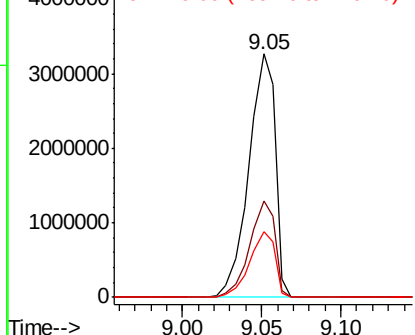
#45
2-Fluorobiphenyl
Concen: 83.988 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3780059
Ion Ratio Lower Upper
172 100
171 39.4 30.6 45.8
170 27.0 20.7 31.1

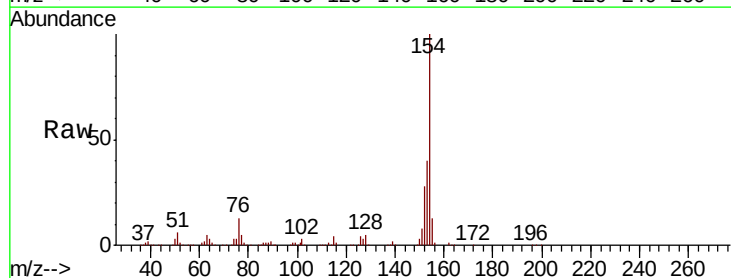


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

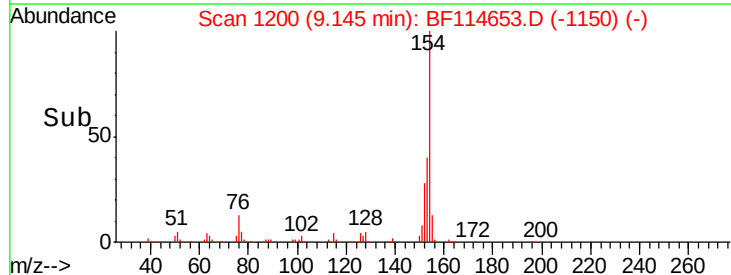
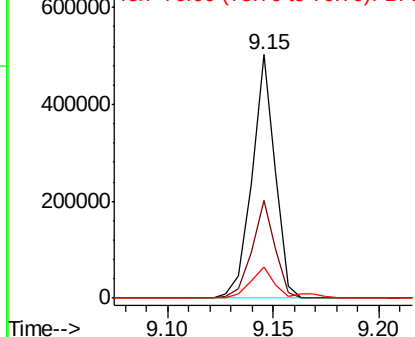


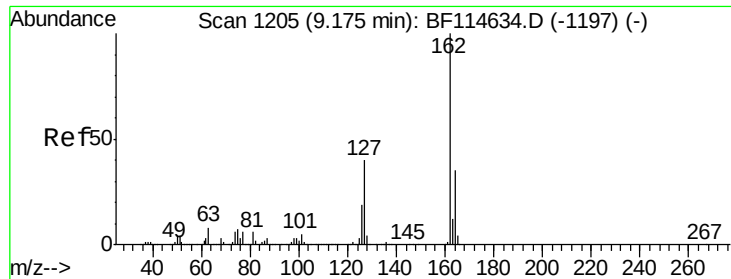
#46
1,1'-Biphenyl
Concen: 6.861 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion:154 Resp: 380826
Ion Ratio Lower Upper
154 100
153 40.2 23.0 63.0
76 12.6 0.0 33.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

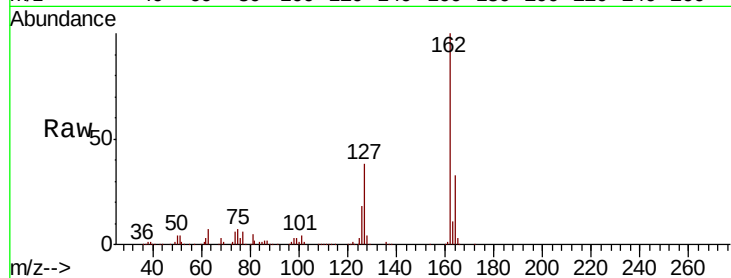




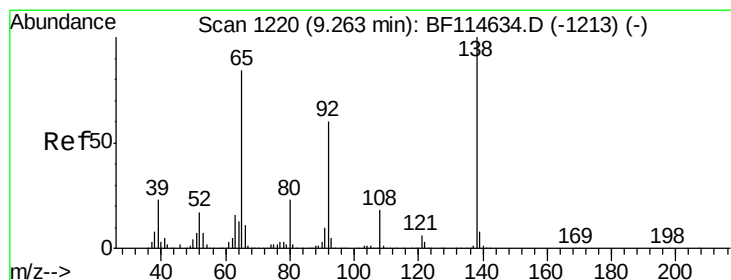
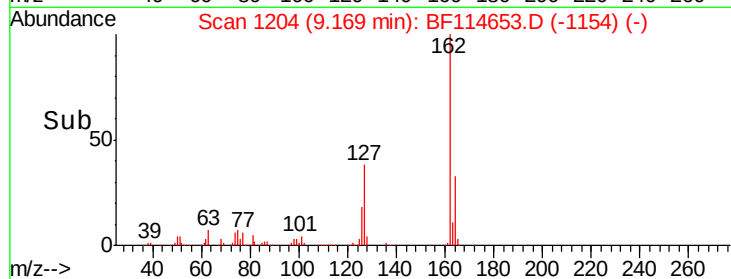
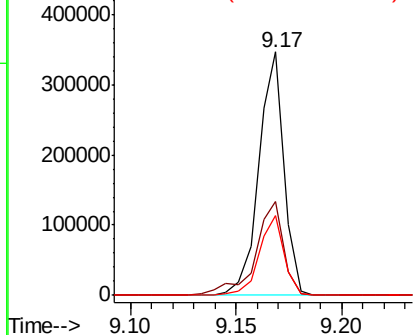
#47
 2-Chloronaphthalene
 Concen: 6.316 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	32.2	48.2
164	32.6	27.8	41.6

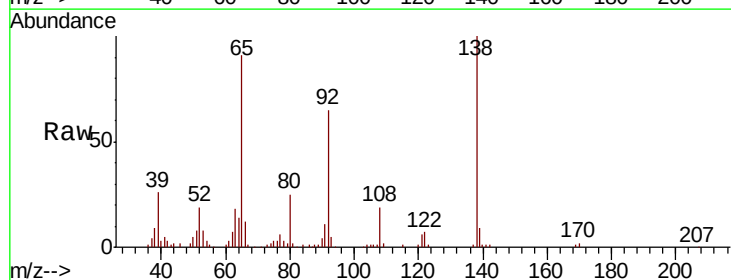


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

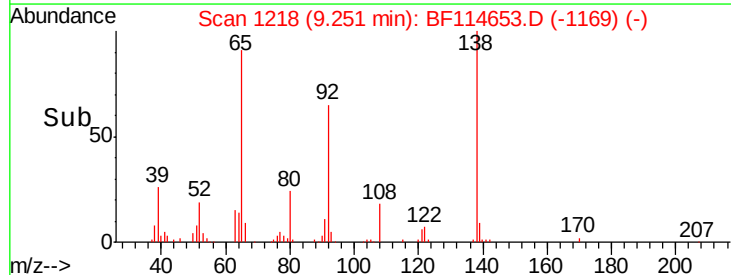
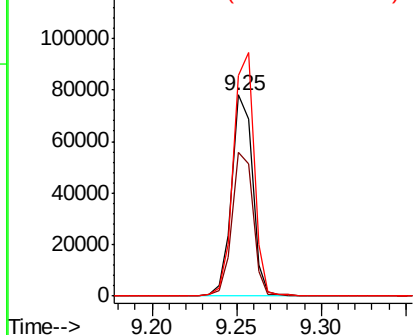


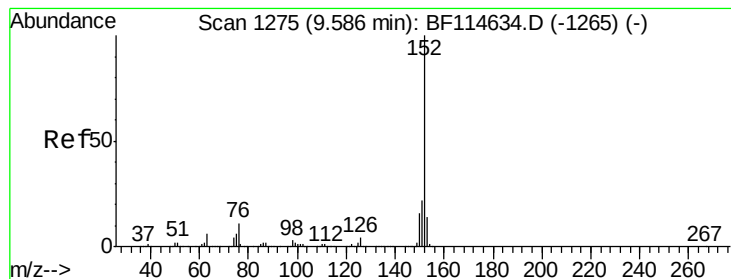
#48
 2-Nitroaniline
 Concen: 4.811 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	57.1	85.7
138	109.6	95.8	143.6



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





#49

Acenaphthylene

Concen: 6.627 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

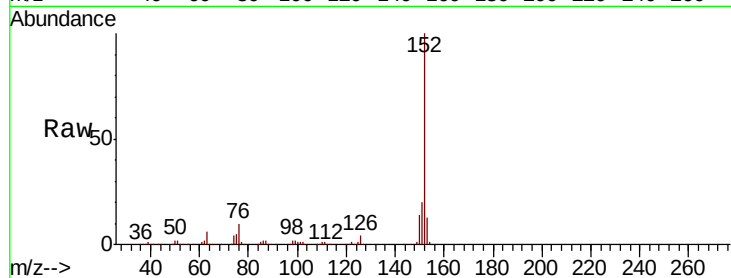
Tot Ion:152 Resp: 466104

Ion Ratio Lower Upper

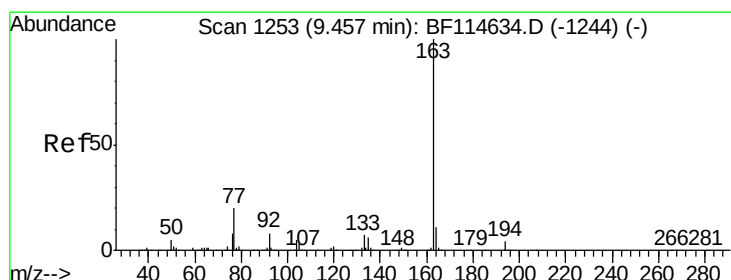
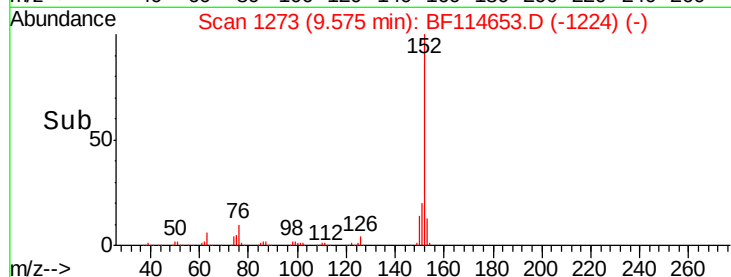
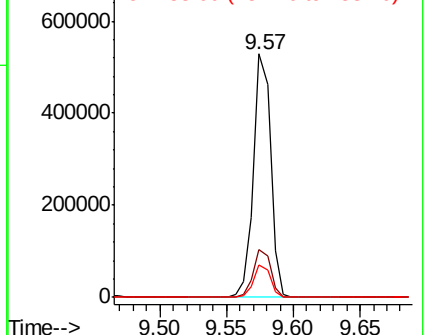
152 100

151 19.6 17.5 26.3

153 13.3 11.6 17.4



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: 6.149 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

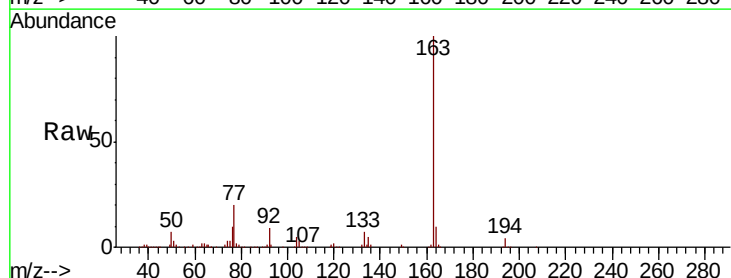
Tgt Ion:163 Resp: 320404

Ion Ratio Lower Upper

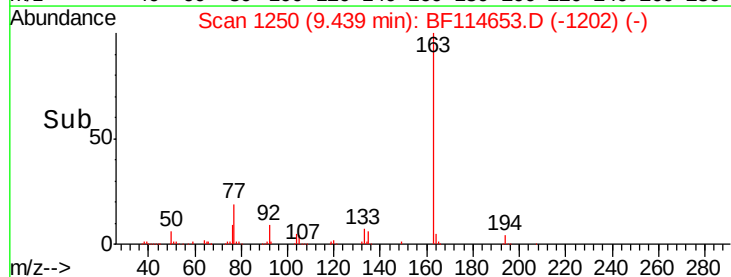
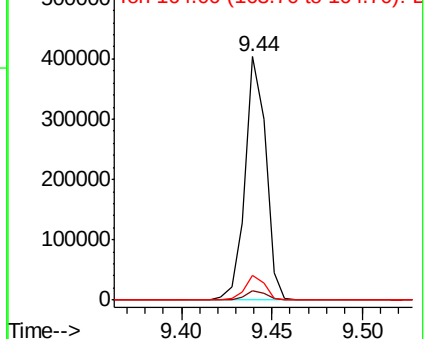
163 100

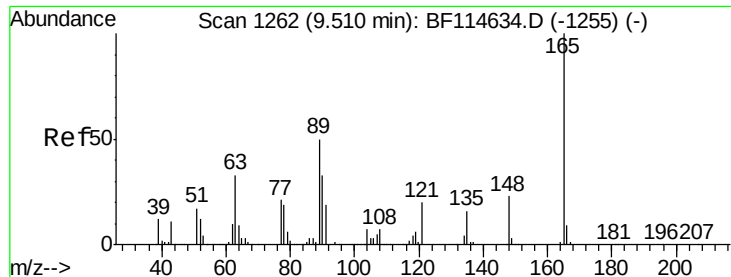
194 3.9 3.4 5.0

164 10.3 8.6 13.0



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: 5.447 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

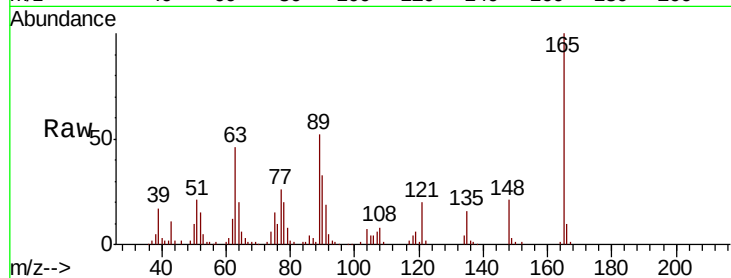
Tot Ion:165 Resp: 65947

Ion Ratio Lower Upper

165 100

63 45.9 36.6 54.8

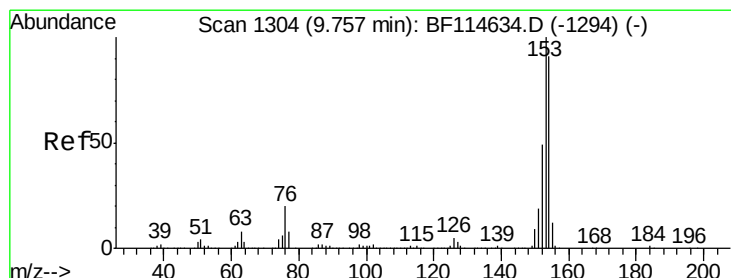
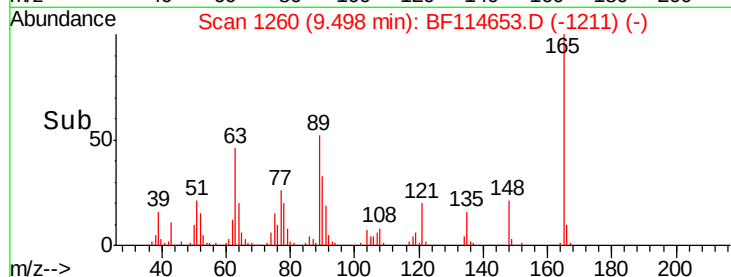
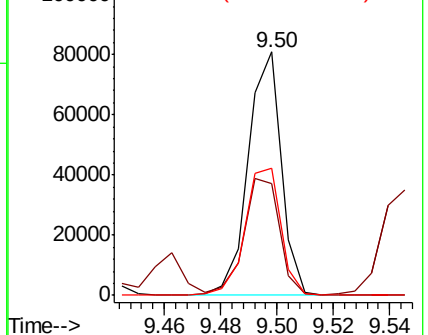
89 52.5 40.2 60.4



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: 6.365 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

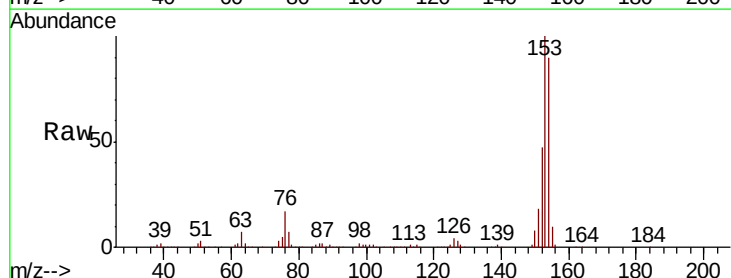
Tgt Ion:154 Resp: 274571

Ion Ratio Lower Upper

154 100

153 110.5 88.4 132.6

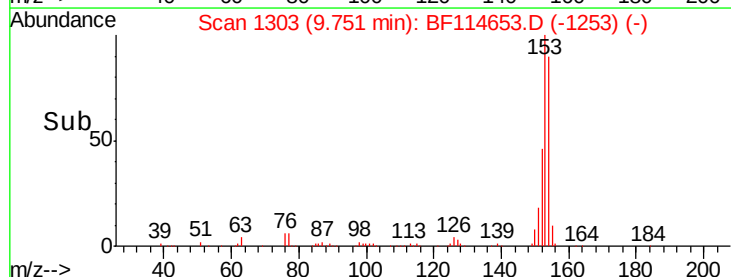
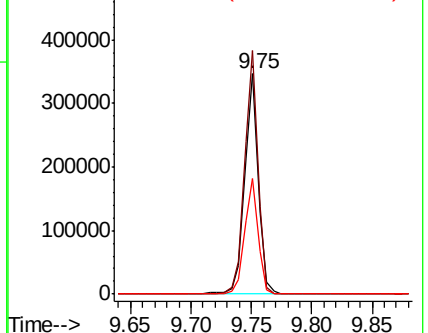
152 52.5 43.4 65.0

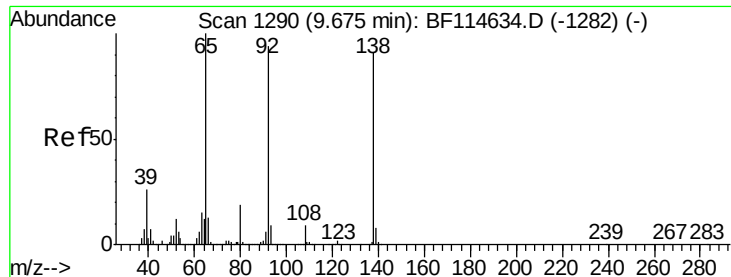


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

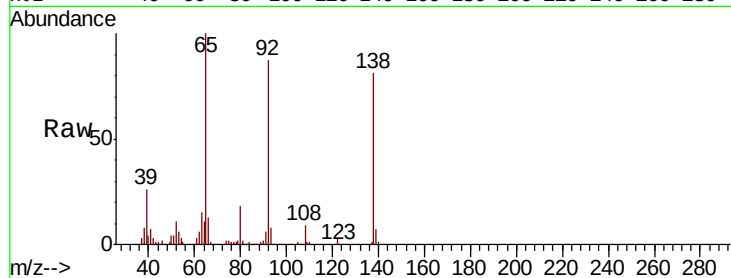




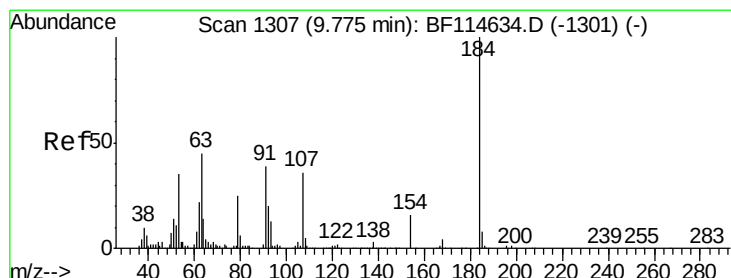
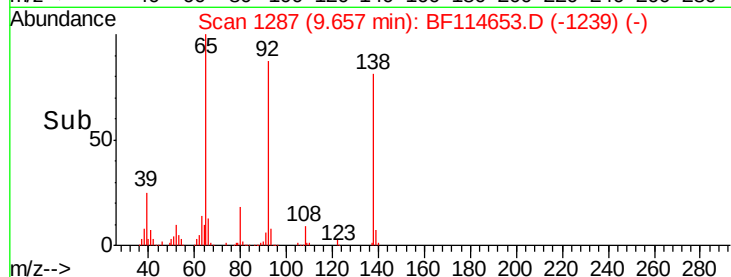
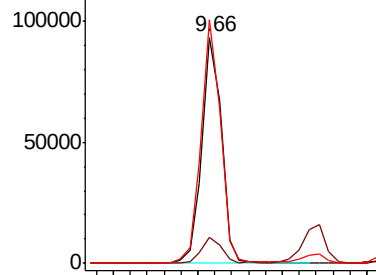
#53
3-Nitroaniline
Concen: 5.069 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 75112
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 107.7 83.1 124.7

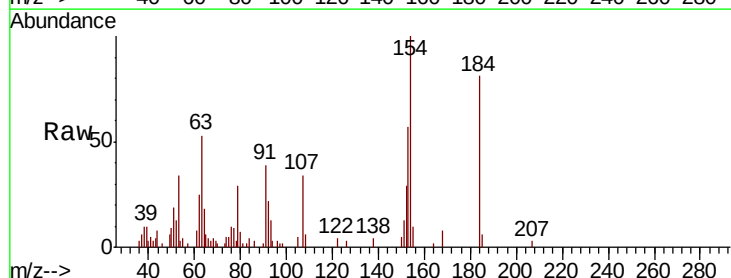


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

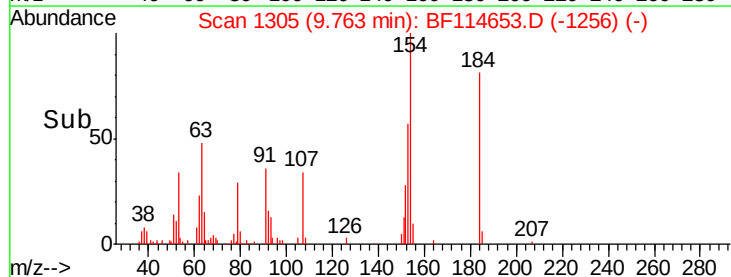
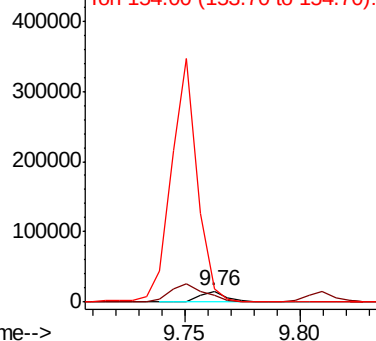


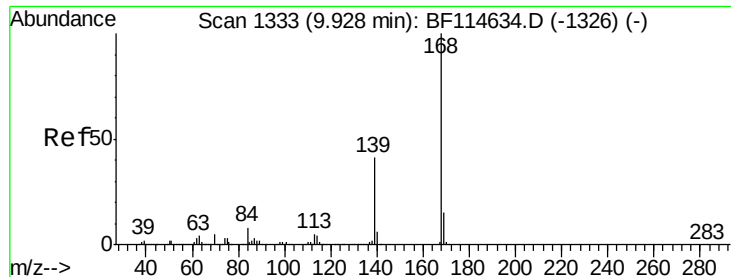
#54
2,4-Dinitrophenol
Concen: 2.633 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion:184 Resp: 12572
Ion Ratio Lower Upper
184 100
63 64.4 38.8 58.2#
154 122.7 43.7 65.5#



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

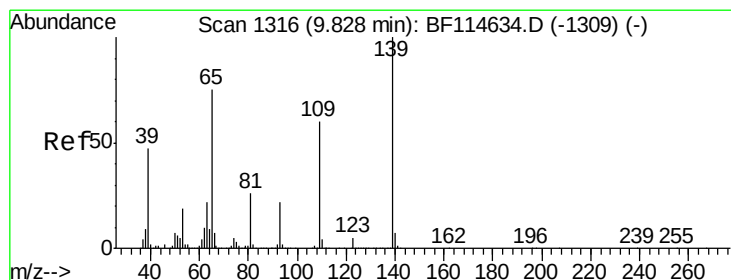
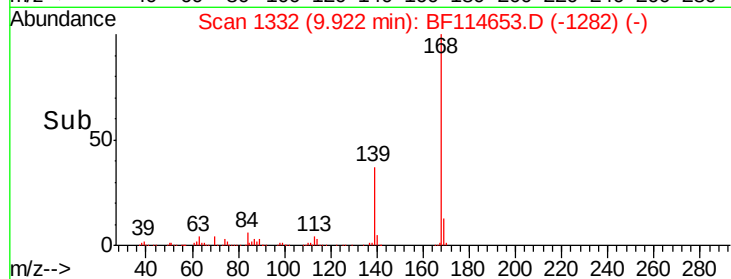
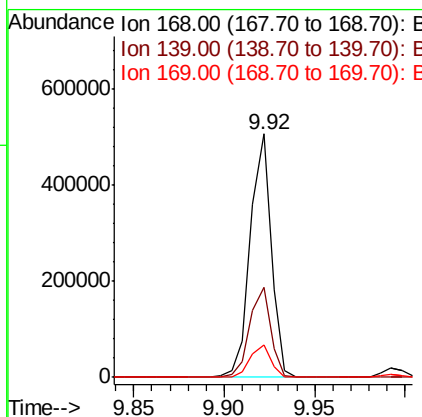
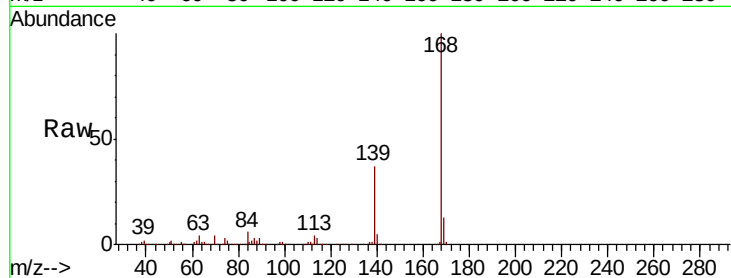




#55
Dibenzenofuran
Concen: 6.661 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

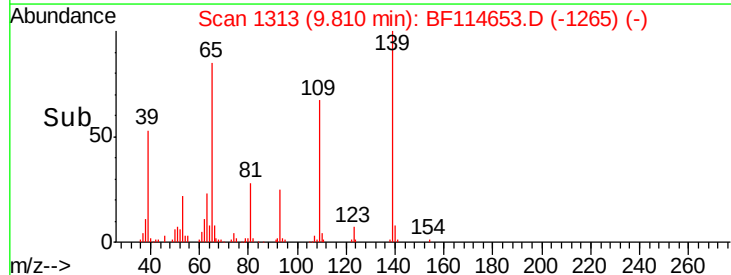
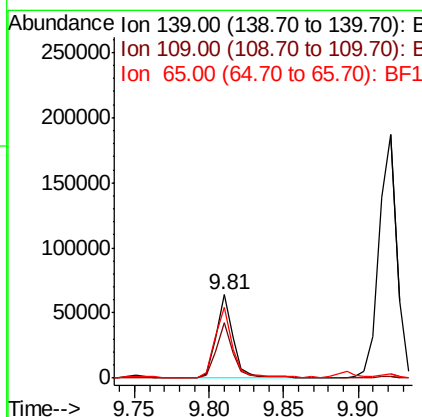
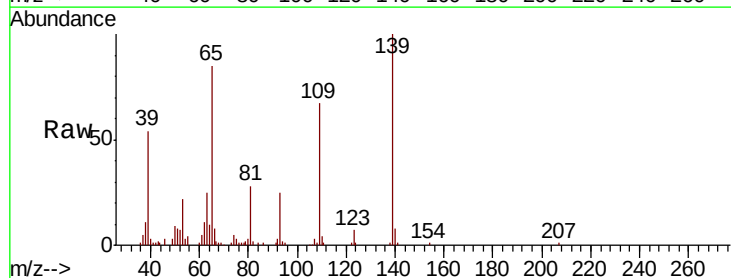
Instrument :
BNA_F
ClientSampleId :

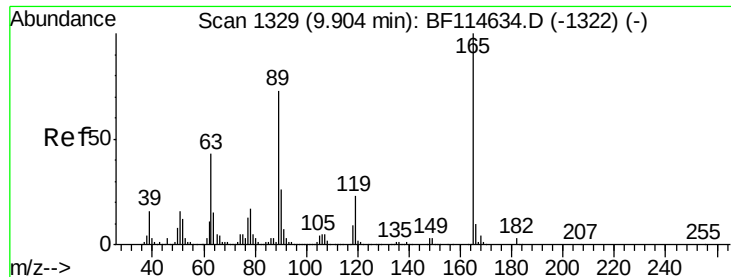
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	32.6	48.8
169	13.4	11.8	17.8



#56
4-Nitrophenol
Concen: 4.753 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.9	40.4	80.4
65	84.6	54.7	94.7

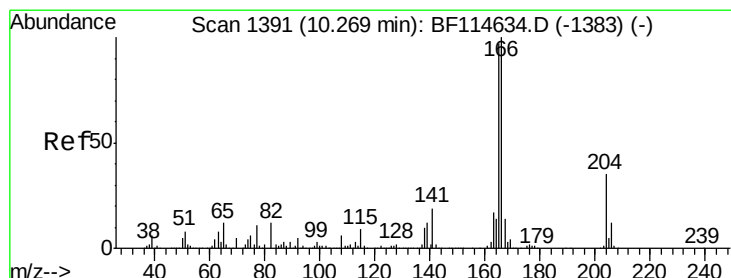
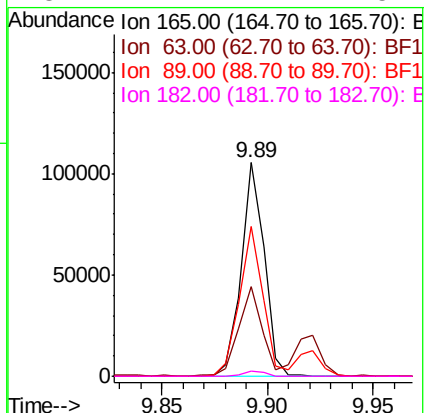
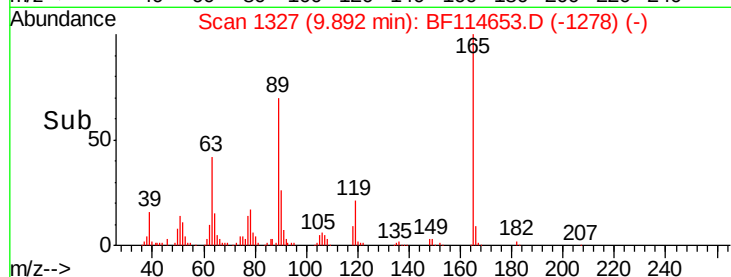
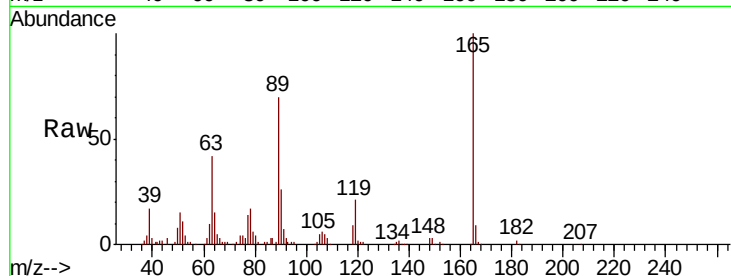




#57
 2,4-Dinitrotoluene
 Concen: 5.109 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

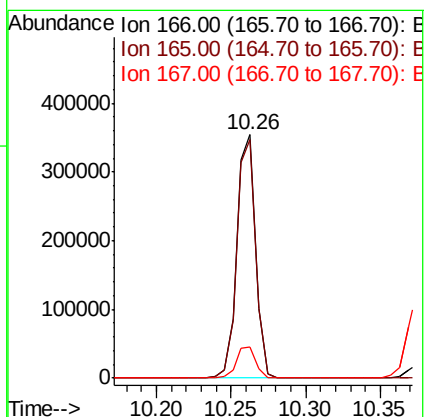
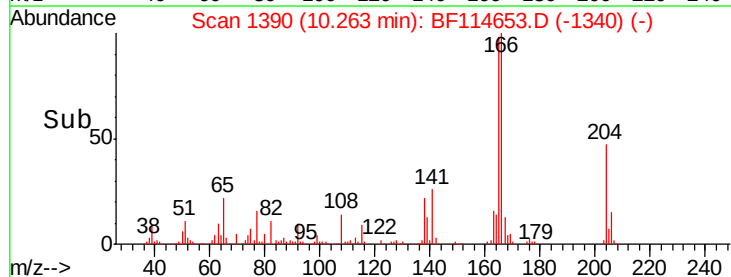
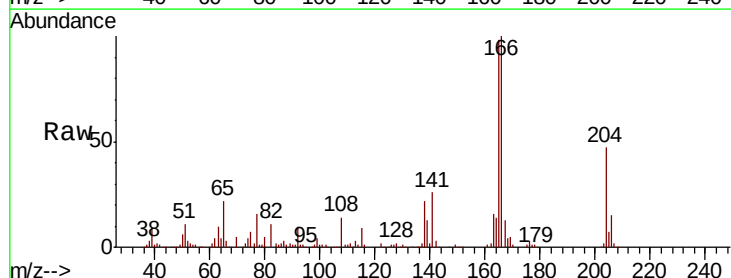
Instrument :
 BNA_F
 ClientSampleId :

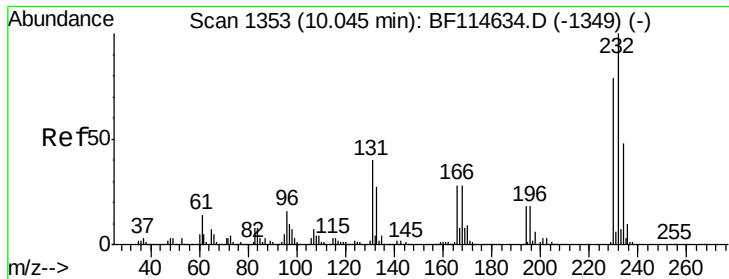
Tot Ion:165	Resp:	79389
Ion	Ratio	Lower Upper
165	100	
63	42.0	34.8 52.2
89	70.2	58.5 87.7
182	2.2	2.2 3.2



#58
 Fluorene
 Concen: 7.530 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion:166	Resp:	312203
Ion	Ratio	Lower Upper
166	100	
165	98.0	77.6 116.4
167	12.9	11.2 16.8

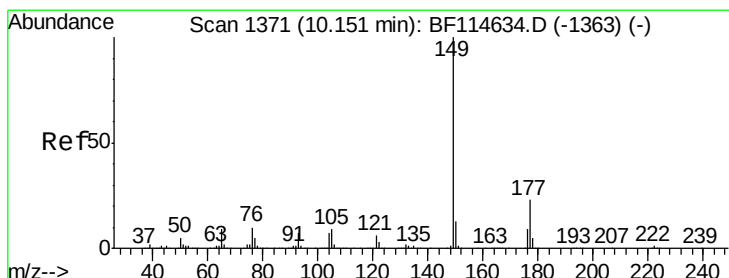
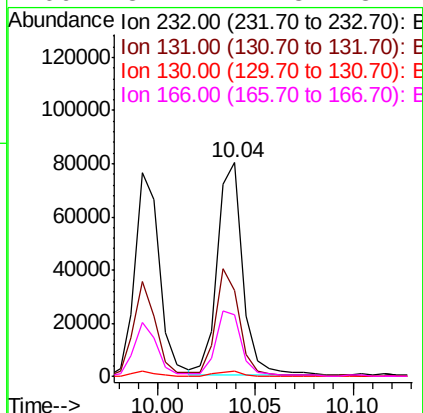
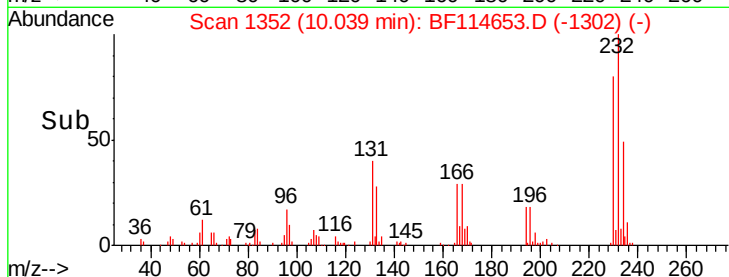
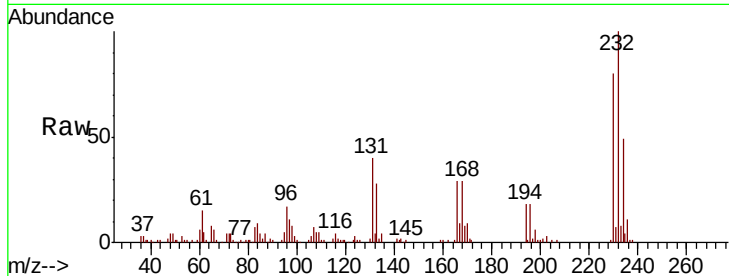




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.673 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

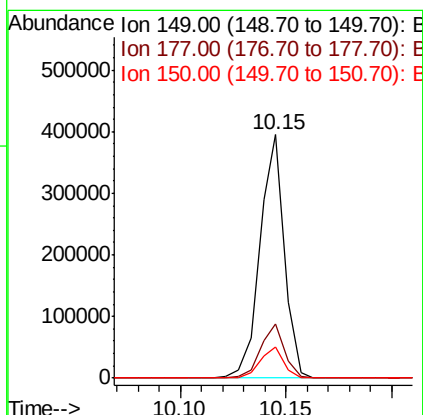
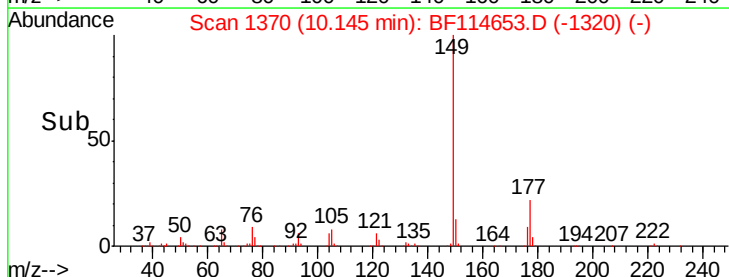
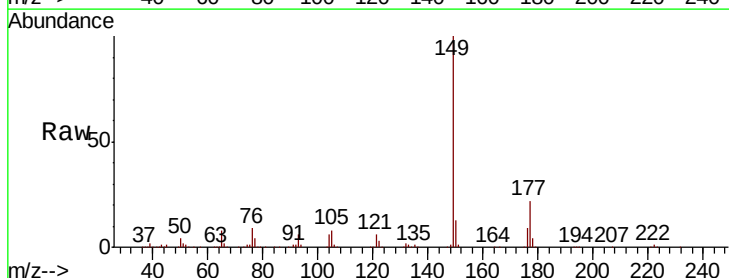
Instrument :
BNA_F
ClientSampleId :

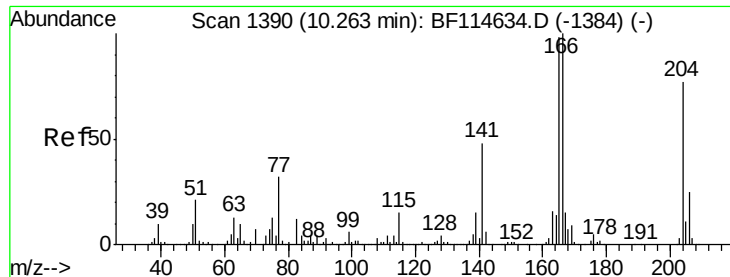
Tot Ion:	232	Resp:	72599
Ion	Ratio	Lower	Upper
232	100		
131	49.0	37.2	55.8
130	2.3	1.8	2.8
166	32.4	24.8	37.2



#60
Diethylphthalate
Concen: 5.959 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion:	149	Resp:	317098
Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.6	28.0
150	12.7	10.6	15.8

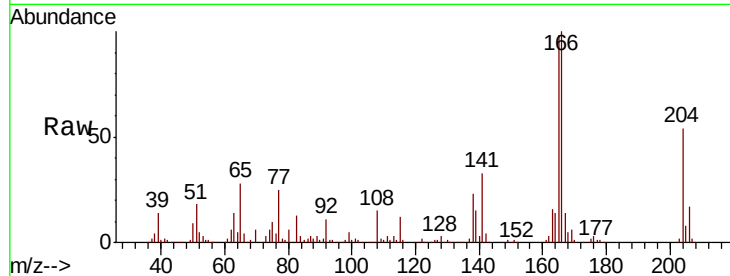




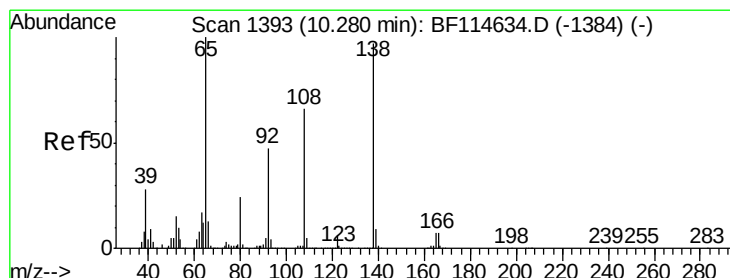
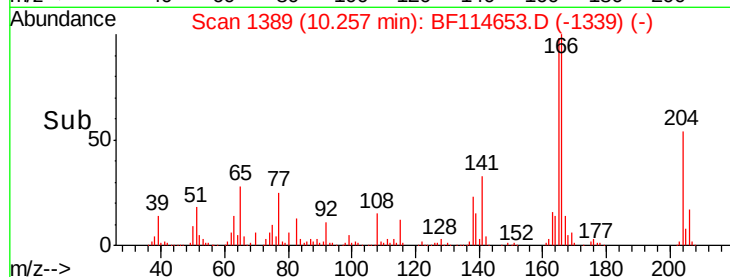
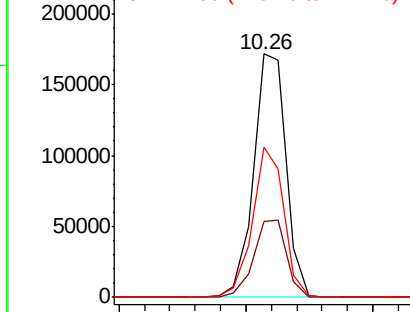
#61
 4-Chlorophenyl-phenylether
 Concen: 7.373 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 152936
 Ion Ratio Lower Upper
 204 100
 206 31.4 26.4 39.6
 141 61.9 50.0 75.0

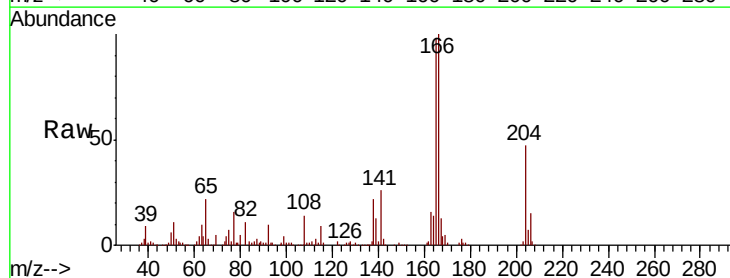


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

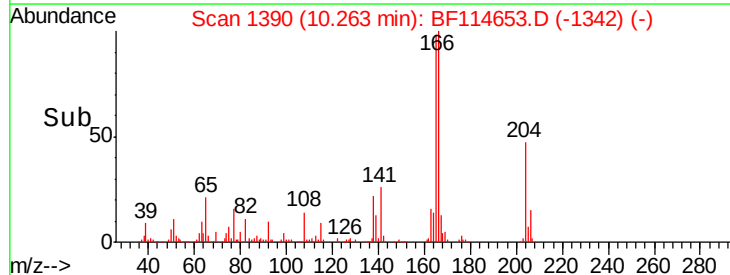
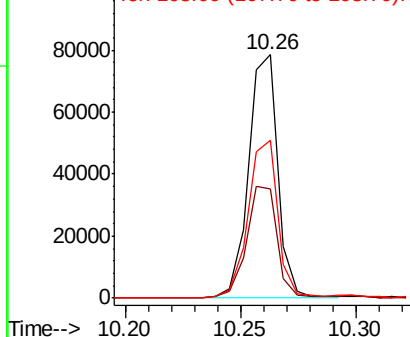


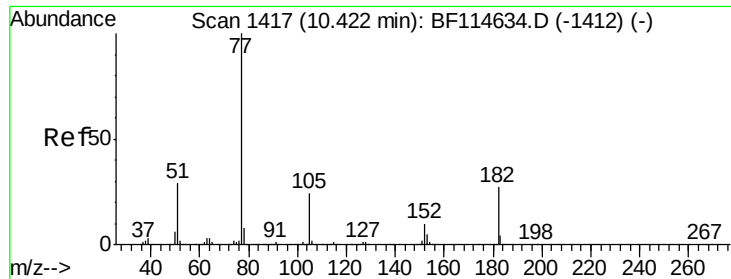
#62
 4-Nitroaniline
 Concen: 4.850 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion:138 Resp: 70024
 Ion Ratio Lower Upper
 138 100
 92 45.0 28.0 68.0
 108 64.8 48.4 88.4



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: 6.212 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 303513

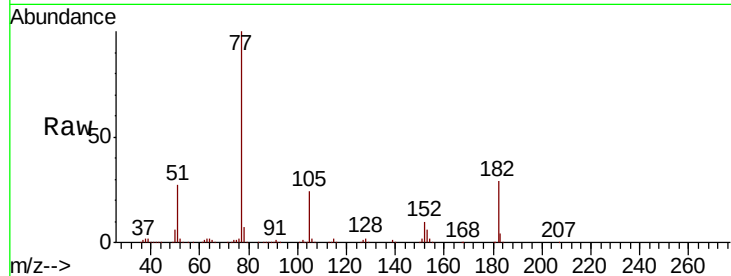
Ion Ratio Lower Upper

77 100

182 28.9 7.0 47.0

105 23.7 3.7 43.7

51 27.1 9.1 49.1

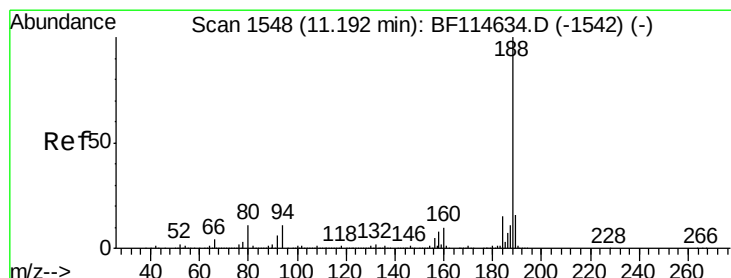
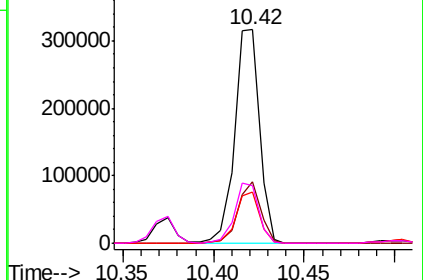
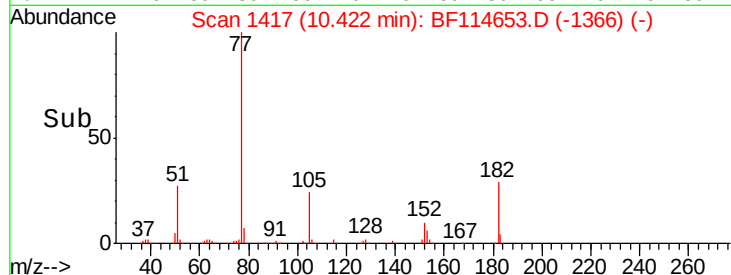


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

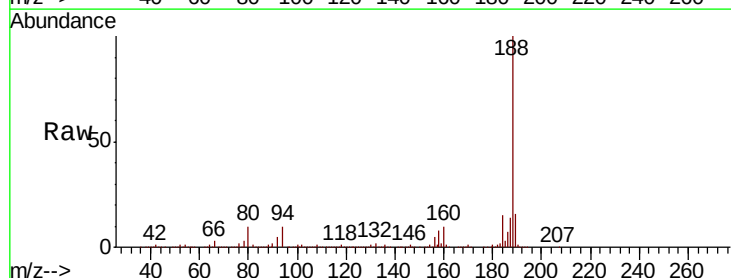
Tgt Ion: 188 Resp: 1414657

Ion Ratio Lower Upper

188 100

94 9.7 8.6 13.0

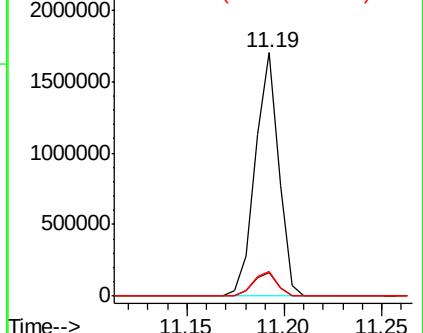
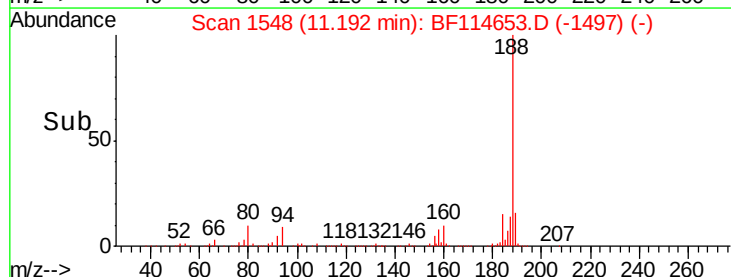
80 10.2 9.0 13.6

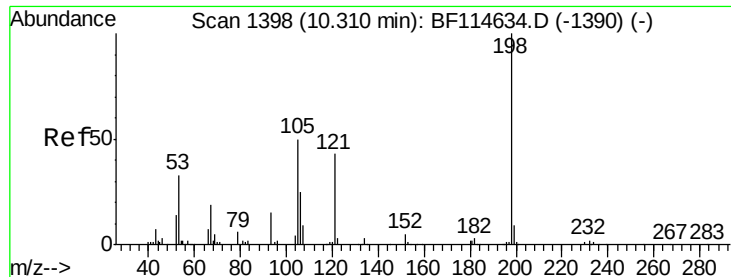


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 3.592 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

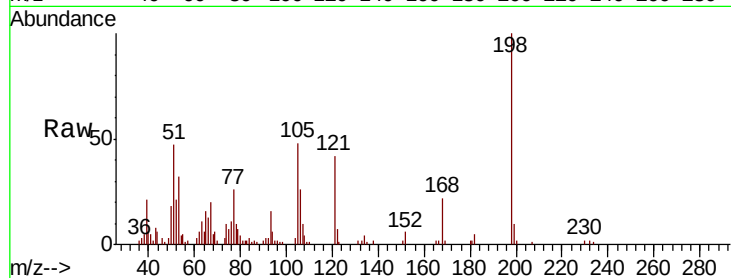
Tot Ion:198 Resp: 22534

Ion Ratio Lower Upper

198 100

51 46.6 29.0 69.0

105 48.4 30.4 70.4

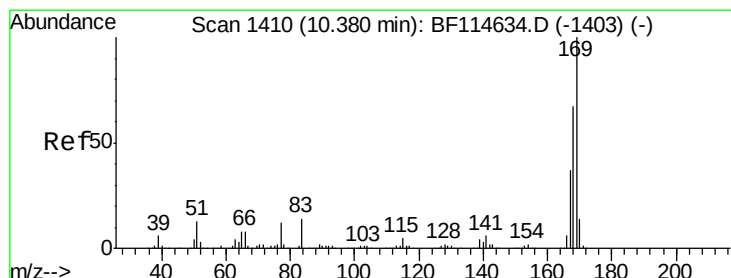
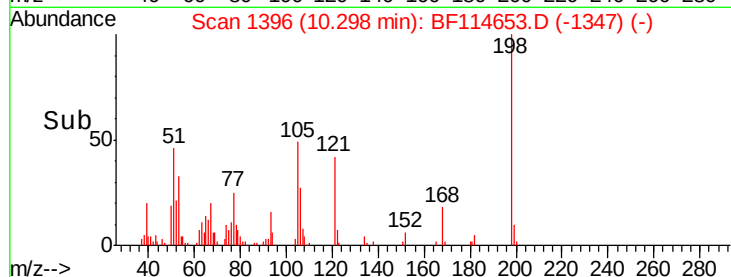
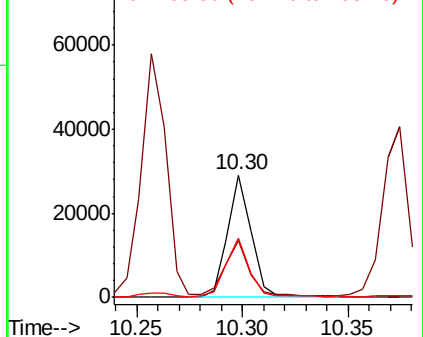


Abundance

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: 6.461 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

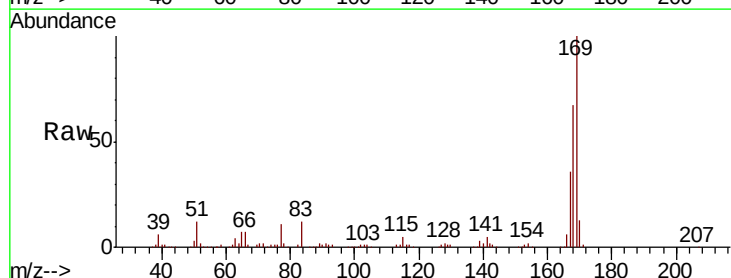
Tgt Ion:169 Resp: 270038

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.8

167 36.0 29.8 44.6

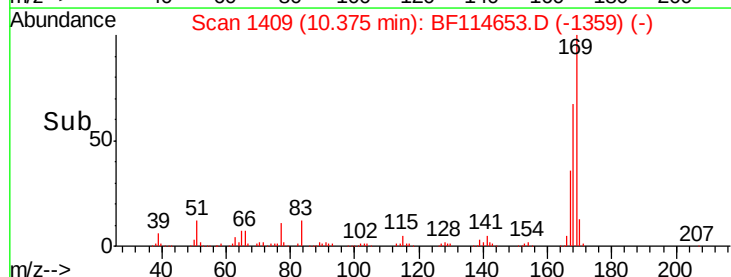
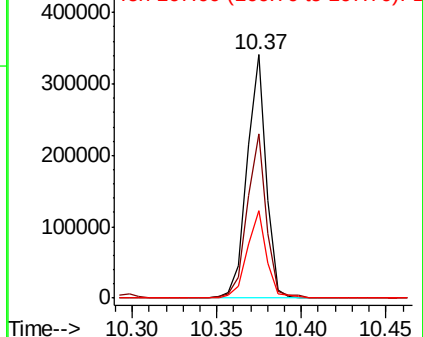


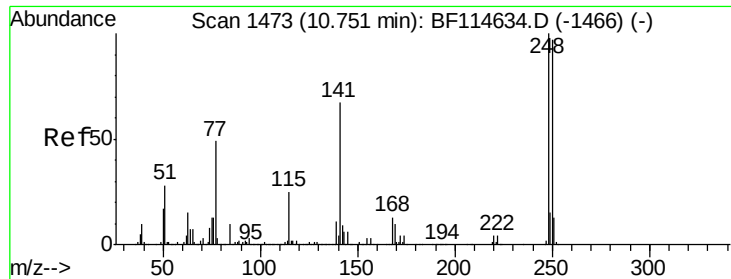
Abundance

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: 5.952 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

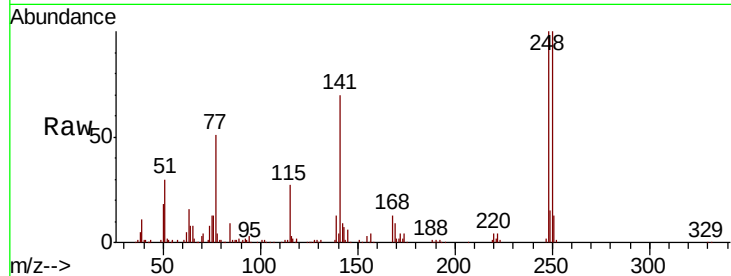
Tot Ion:248 Resp: 90300

Ion Ratio Lower Upper

248 100

250 99.9 78.0 117.0

141 70.2 53.8 80.8

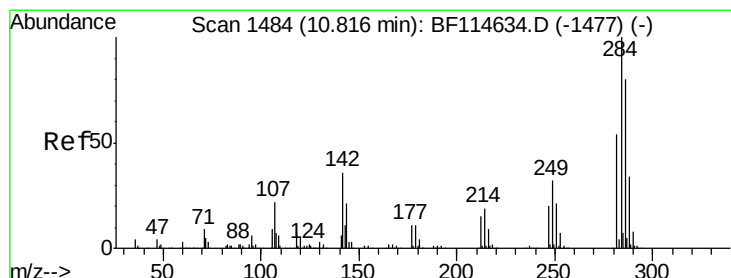
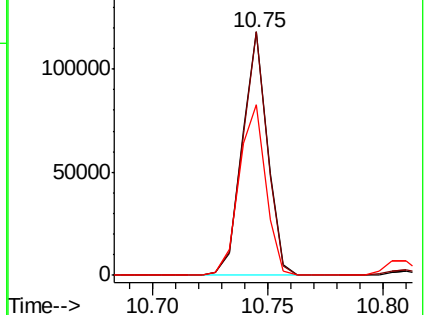
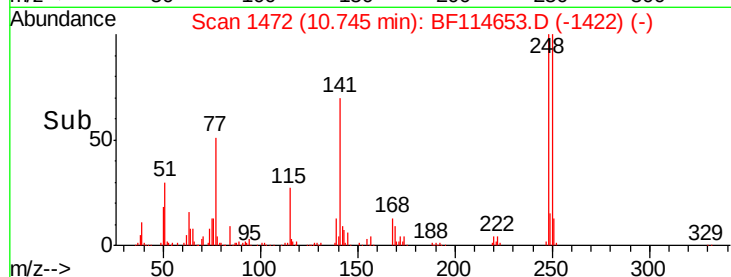


Abundance

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: 5.979 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

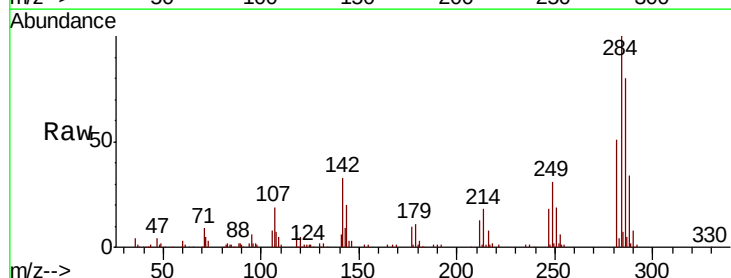
Tgt Ion:284 Resp: 98236

Ion Ratio Lower Upper

284 100

142 33.1 28.9 43.3

249 30.9 25.8 38.6

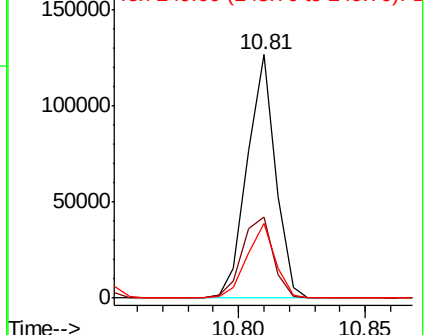
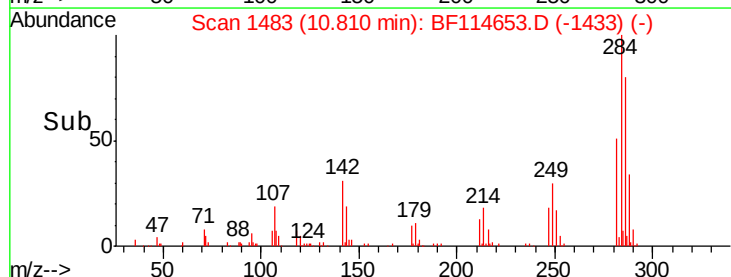


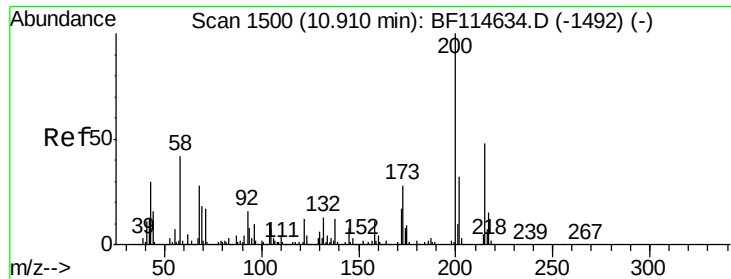
Abundance

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

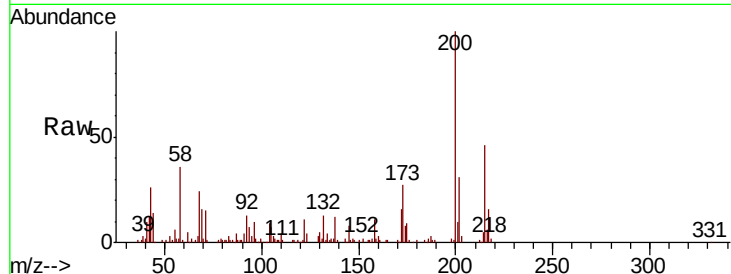




#69
Atrazine
Concen: 6.100 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.9	47.9
215	46.4	27.8	67.8

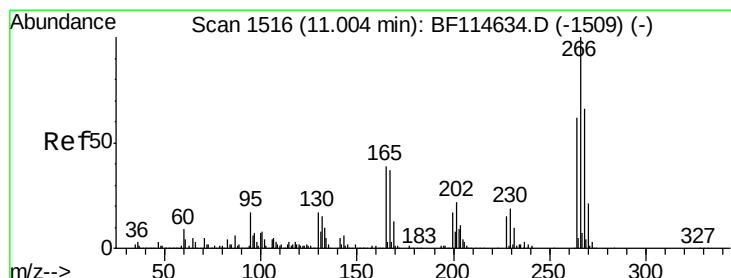
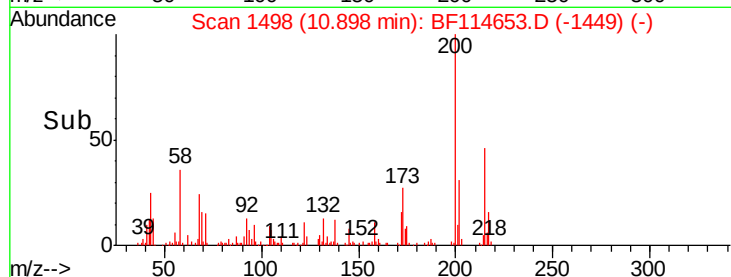
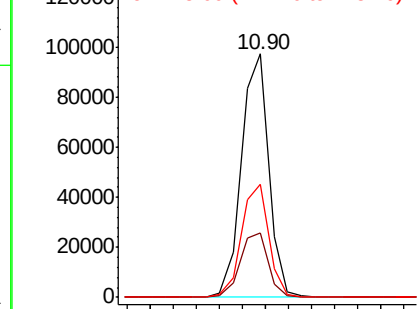


Abundance

Ion 200.00 (199.70 to 200.70): E

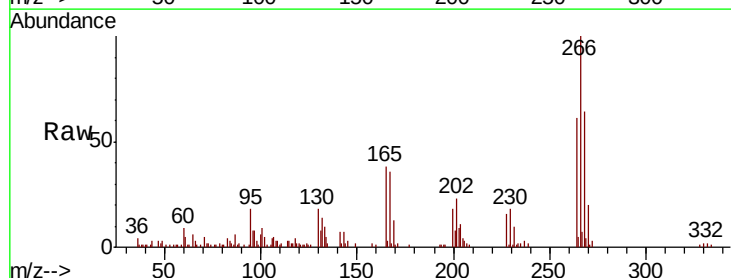
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 4.820 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.8	79.2
264	60.7	49.9	74.9

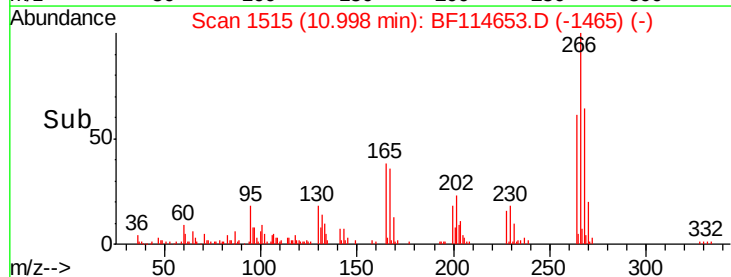
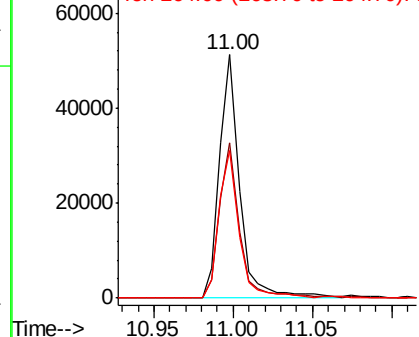


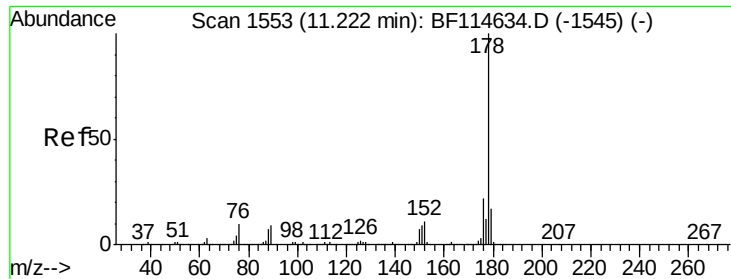
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

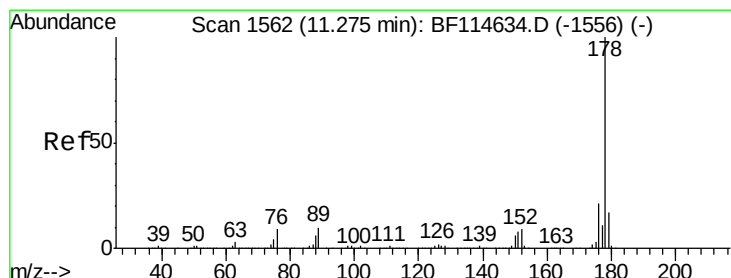
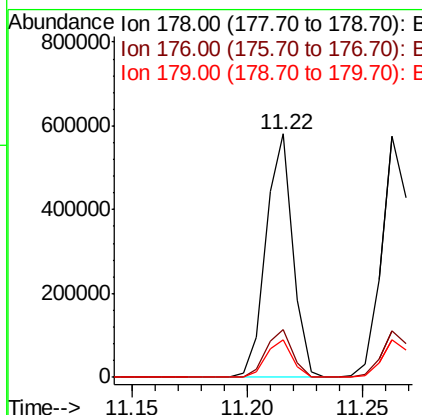
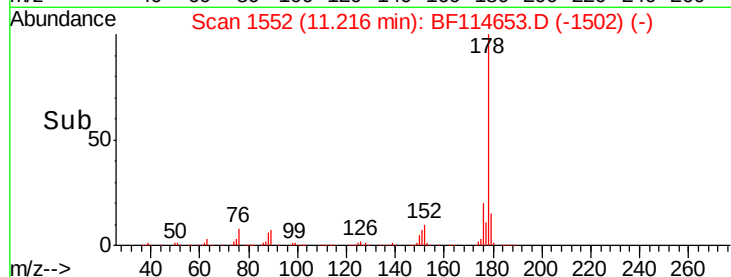
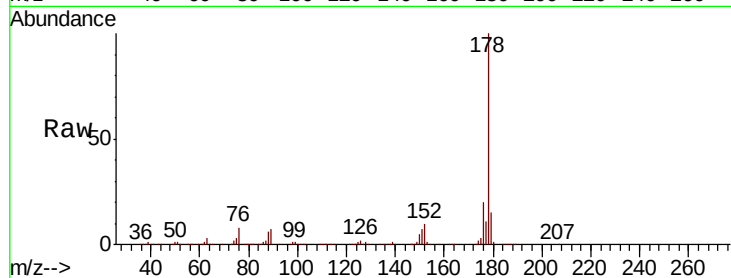




#71
Phenanthrene
Concen: 6.498 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

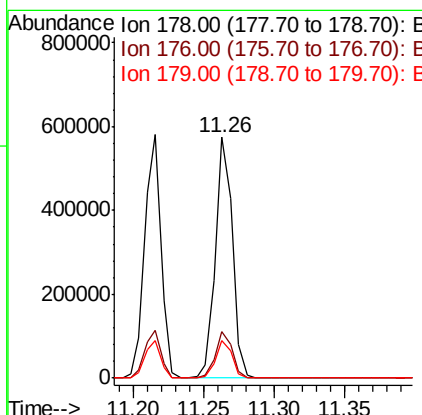
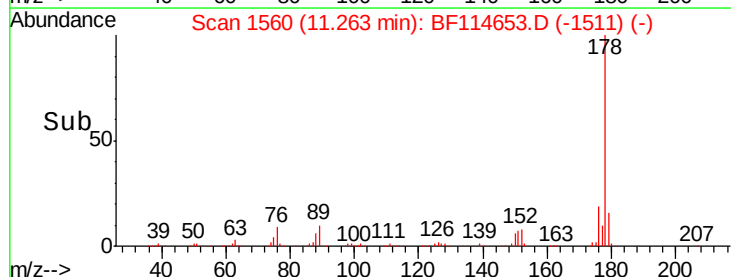
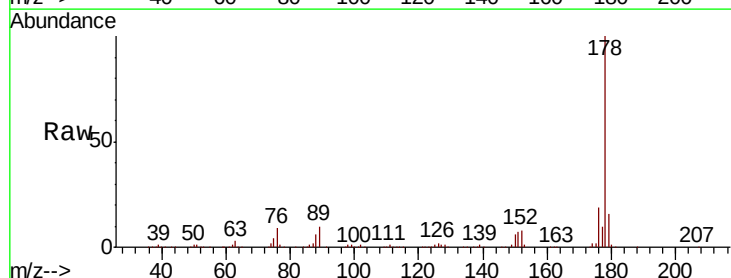
Instrument :
BNA_F
ClientSampleId :

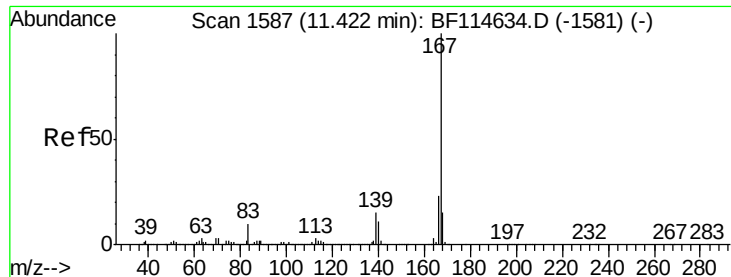
Tot Ion:178 Resp: 468924
Ion Ratio Lower Upper
178 100
176 19.9 17.2 25.8
179 15.2 13.9 20.9



#72
Anthracene
Concen: 6.588 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion:178 Resp: 481132
Ion Ratio Lower Upper
178 100
176 19.4 16.6 24.8
179 15.5 13.4 20.0

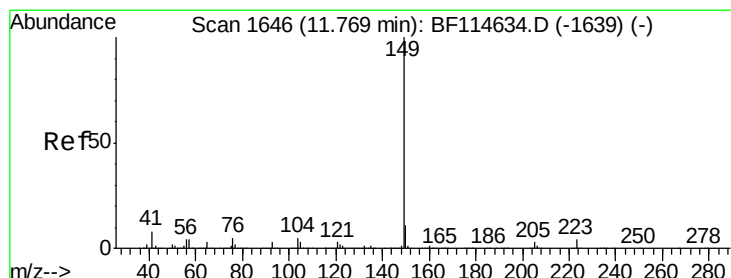
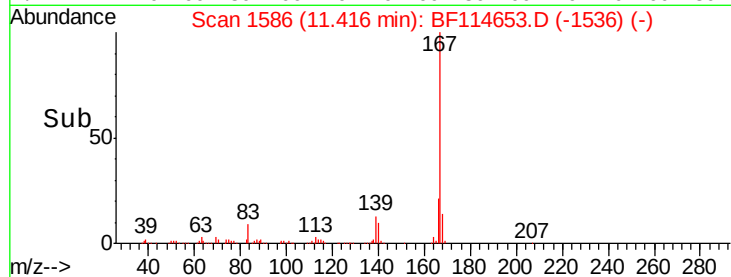
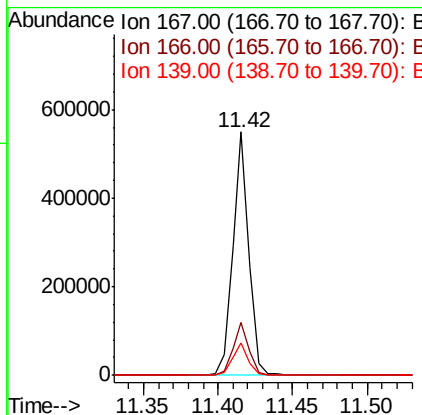
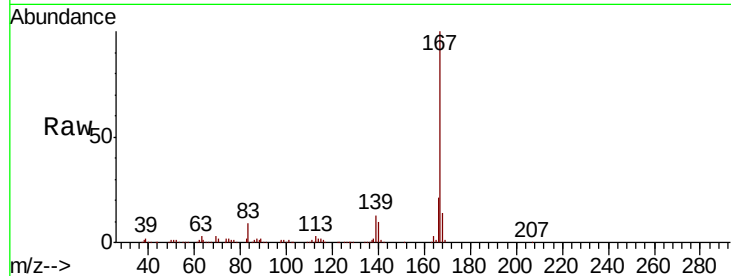




#73
 Carbazole
 Concen: 6.486 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

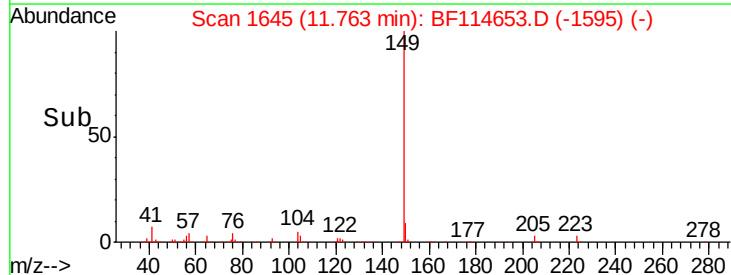
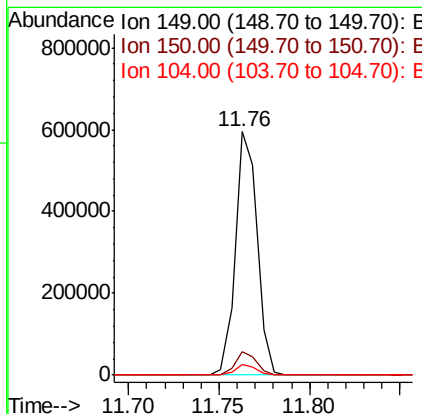
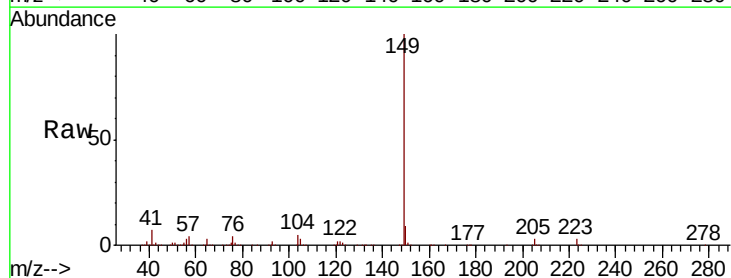
Instrument :
 BNA_F
 ClientSampleId :

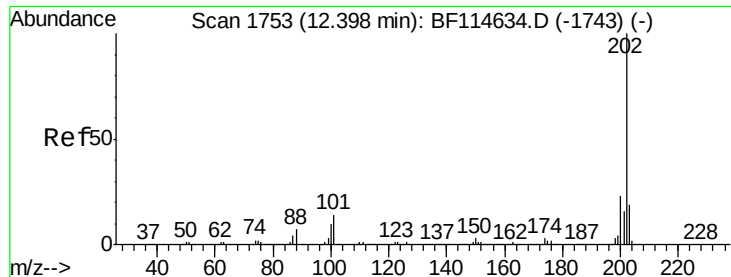
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.7	28.1
139	13.1	11.8	17.8



#74
 Di-n-butylphthalate
 Concen: 6.377 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.6	12.8
104	4.6	4.3	6.5





#75

Fluoranthene

Concen: 6.290 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF114653.D

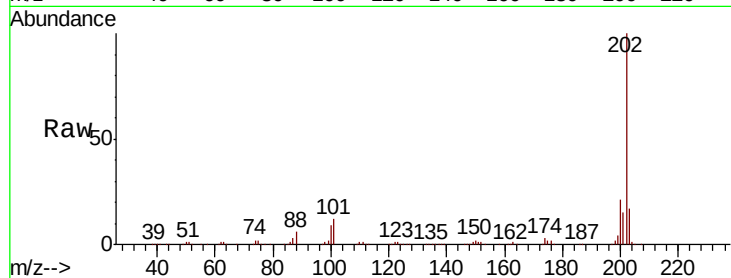
Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	469987
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.9
203	17.3	0.0	39.1

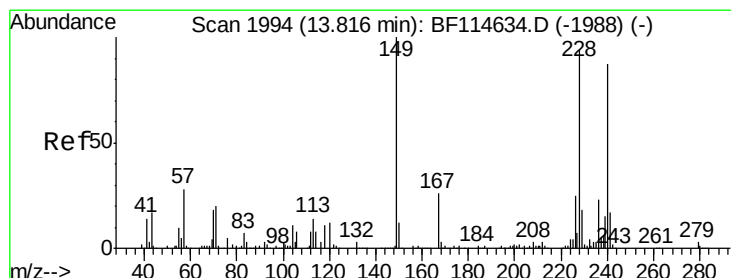
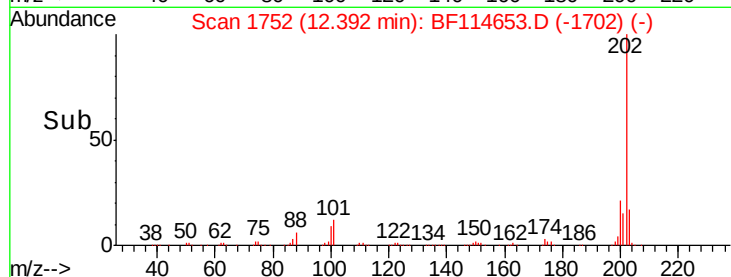
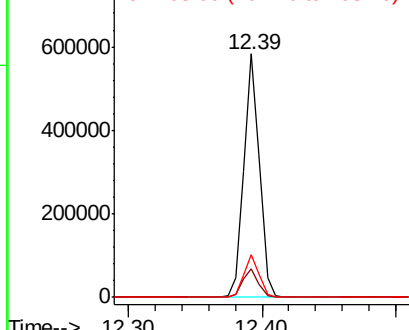


Abundance

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

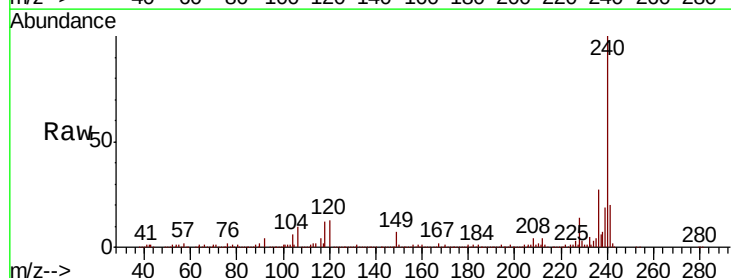
RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Tgt Ion:	240	Resp:	1091096
Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.2	16.8
236	27.0	21.2	31.8

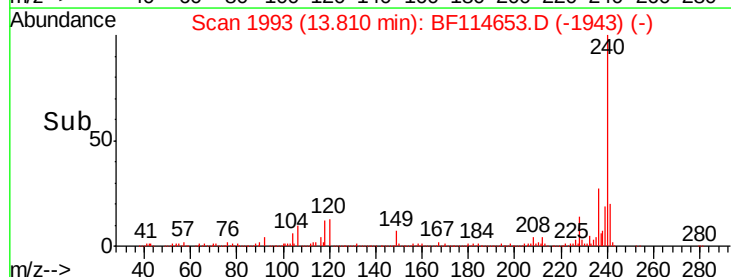
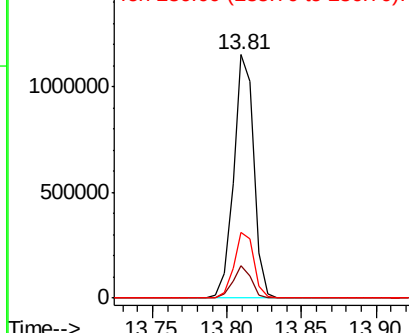


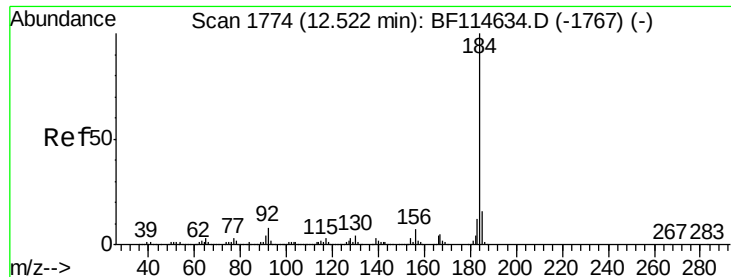
Abundance

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: 5.206 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

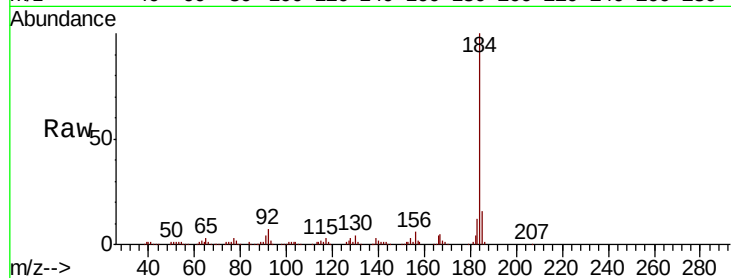
Tot Ion:184 Resp: 233917

Ion Ratio Lower Upper

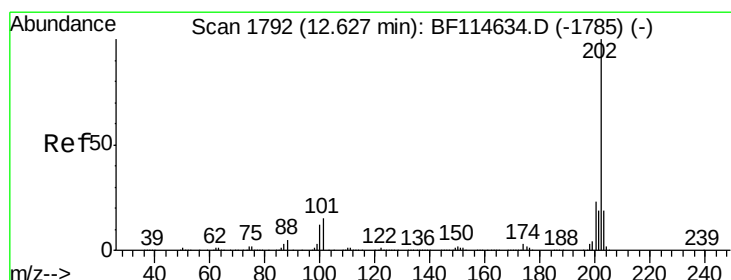
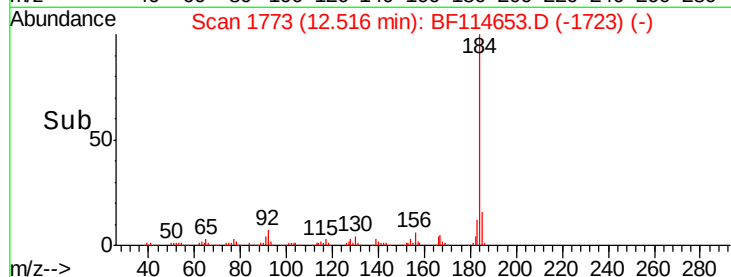
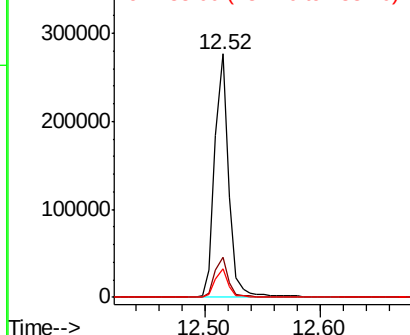
184 100

185 16.2 12.6 18.8

183 11.6 9.4 14.2



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: 5.223 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

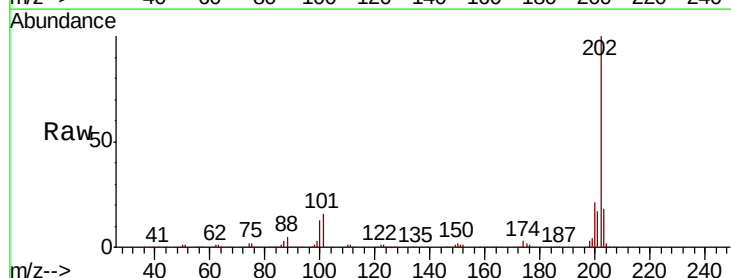
Tgt Ion:202 Resp: 482049

Ion Ratio Lower Upper

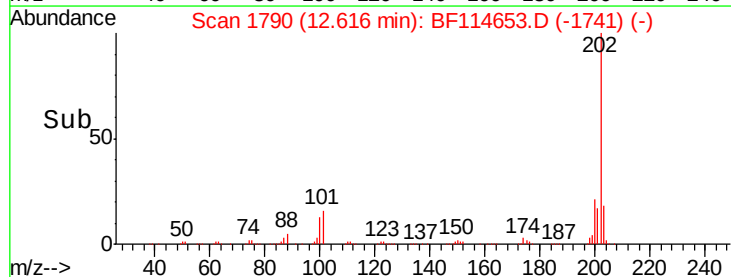
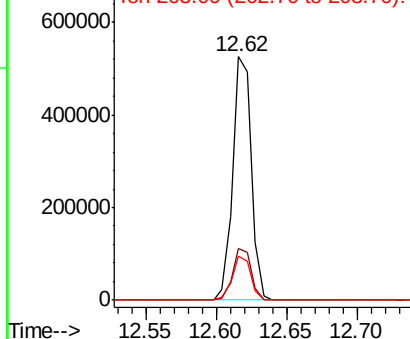
202 100

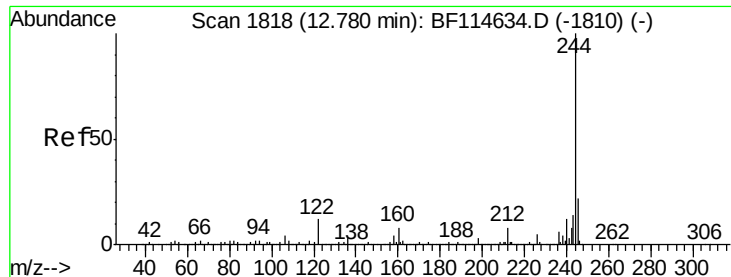
200 21.3 18.6 28.0

203 17.9 15.4 23.2



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

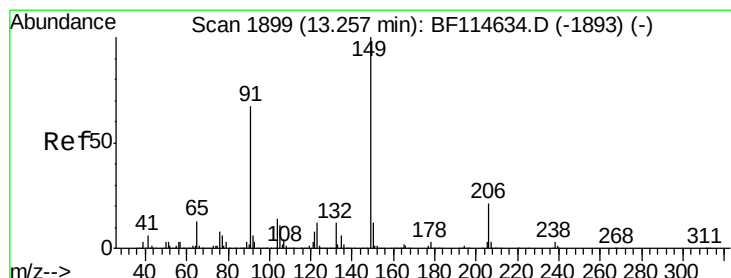
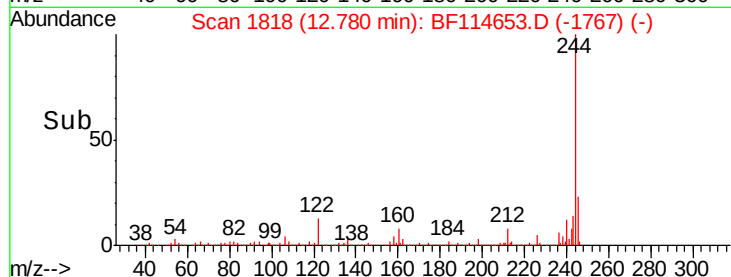
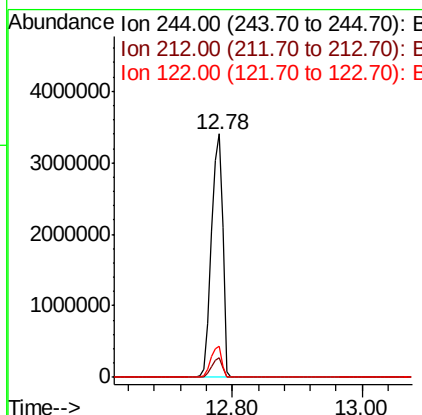
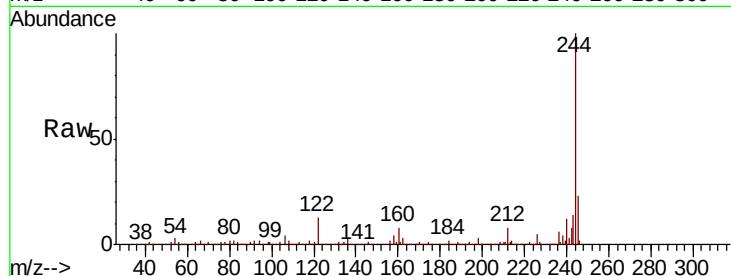




#79
 Terphenyl-d14
 Concen: 70.575 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

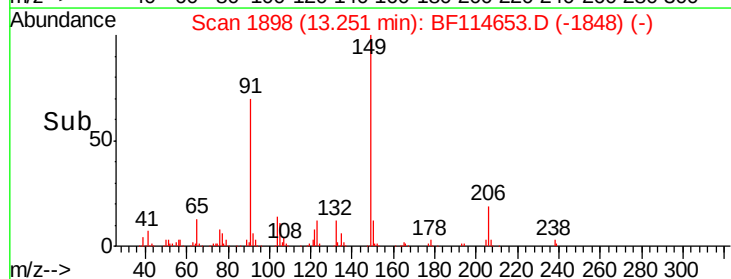
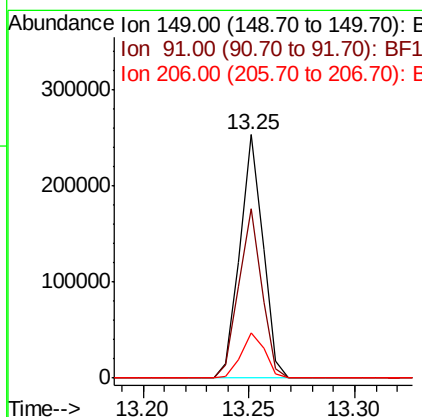
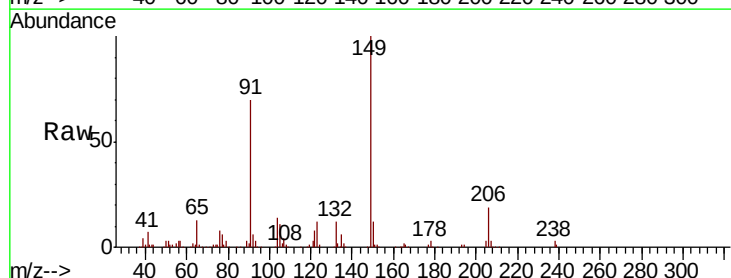
Instrument :
 BNA_F
 ClientSampleId :

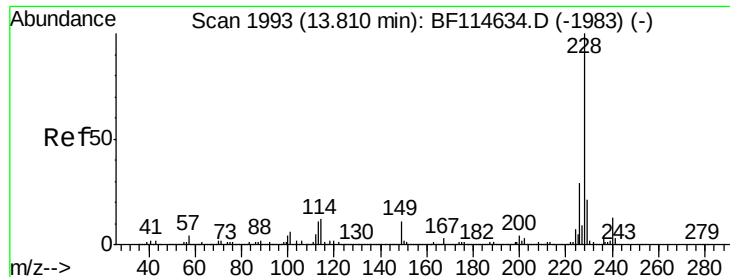
Tot Ion:244 Resp: 4095641
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 12.6 9.8 14.8



#80
 Butylbenzylphthalate
 Concen: 4.140 ng
 RT: 13.25 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BF114653.D
 Acq: 30 May 2019 11:33

Tgt Ion:149 Resp: 192023
 Ion Ratio Lower Upper
 149 100
 91 69.6 53.8 80.8
 206 18.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 5.318 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

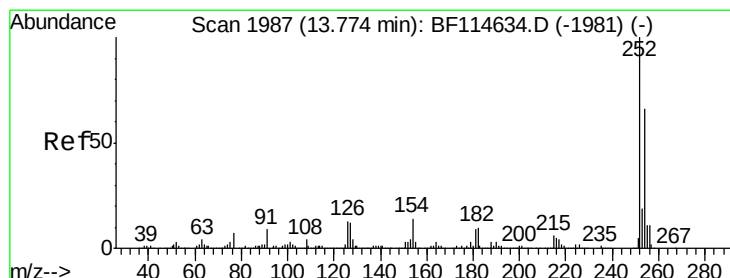
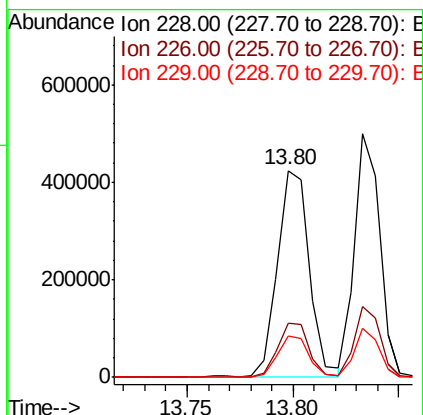
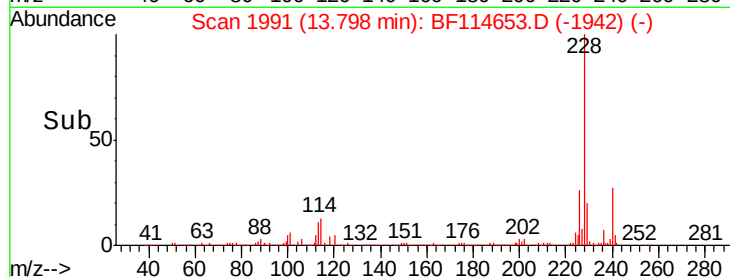
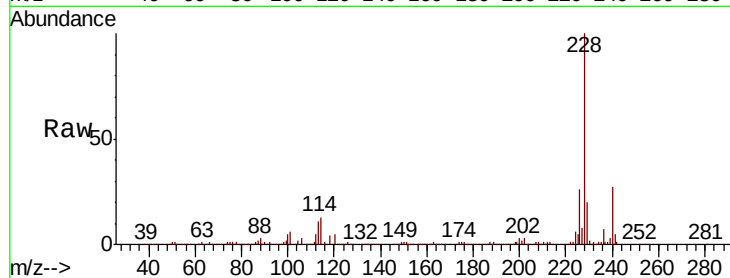
Tot Ion:228 Resp: 445894

Ion Ratio Lower Upper

228 100

226 26.3 23.0 34.6

229 20.0 17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 4.792 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

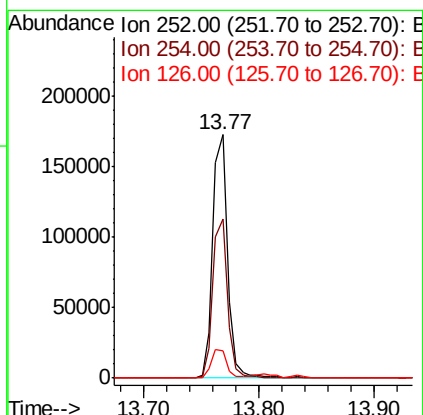
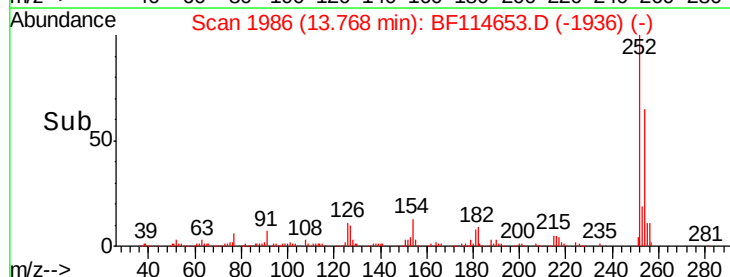
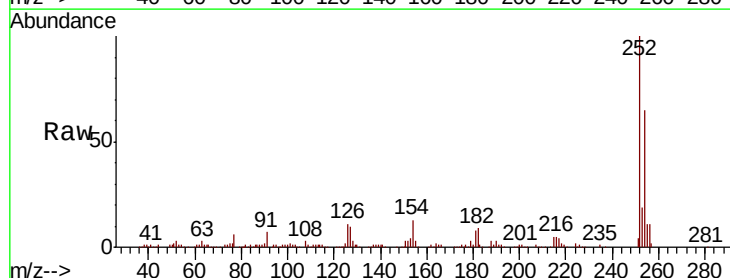
Tgt Ion:252 Resp: 155156

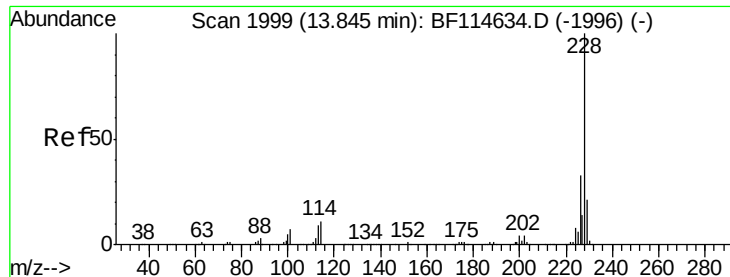
Ion Ratio Lower Upper

252 100

254 65.2 53.1 79.7

126 11.4 10.2 15.2





#83

Chrysene

Concen: 5.234 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

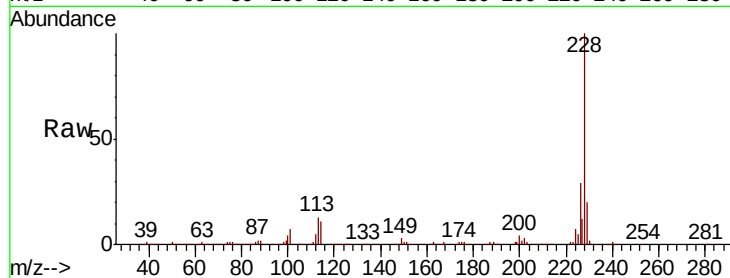
Tot Ion:228 Resp: 419262

Ion Ratio Lower Upper

228 100

226 29.3 26.4 39.6

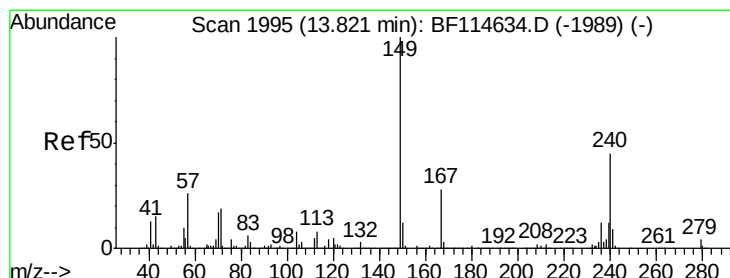
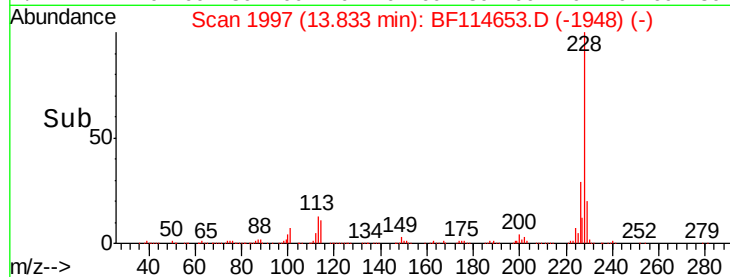
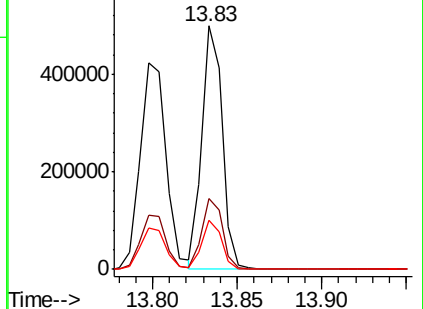
229 20.1 17.1 25.7



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: 4.829 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

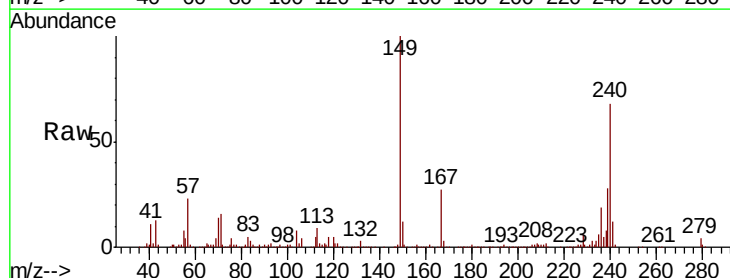
Tgt Ion:149 Resp: 276898

Ion Ratio Lower Upper

149 100

167 27.0 22.6 33.8

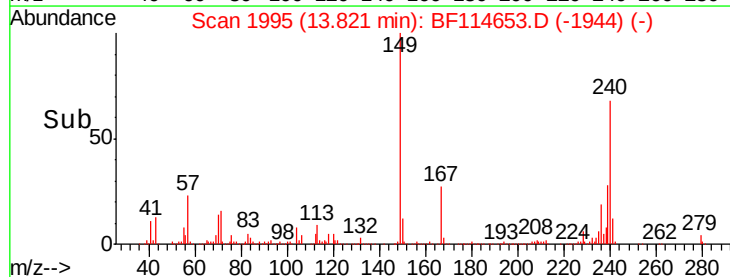
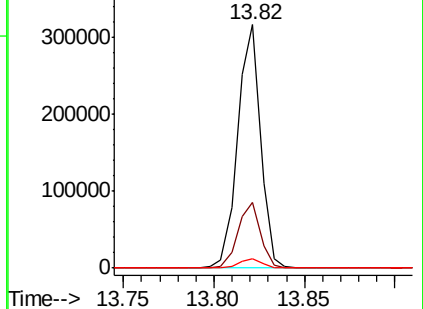
279 3.9 3.0 4.4

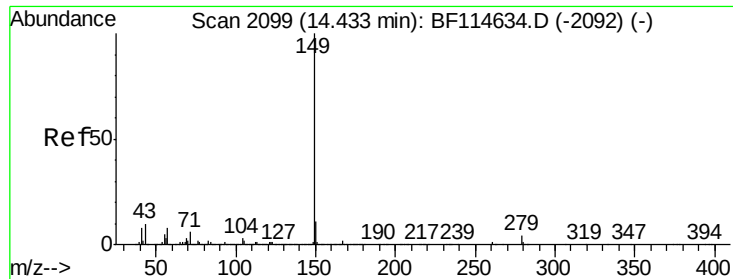


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 4.530 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF114653.D

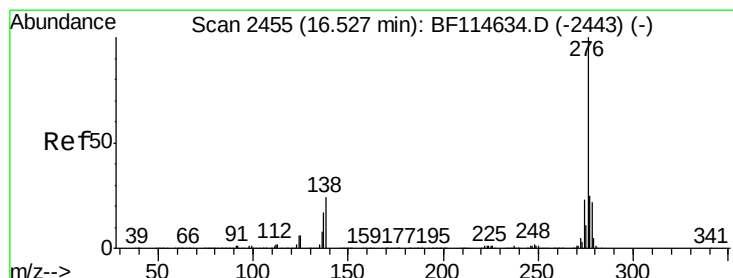
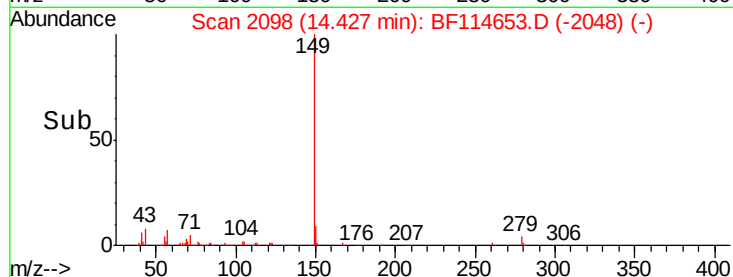
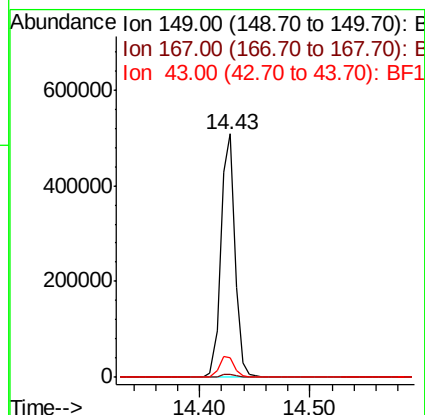
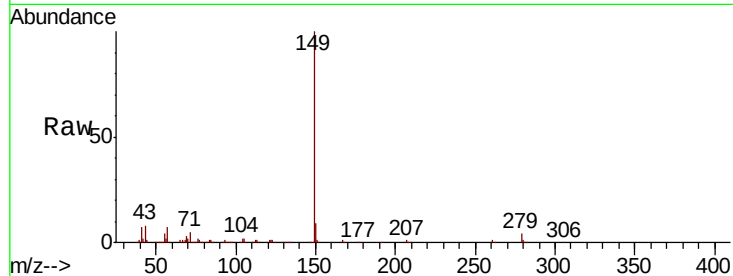
Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	451347
Ion Ratio	Lower	Upper
149	100	
167	1.4	1.3 1.9
43	9.1	8.0 12.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.681 ng

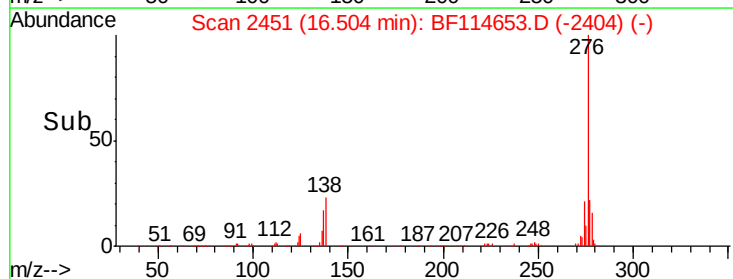
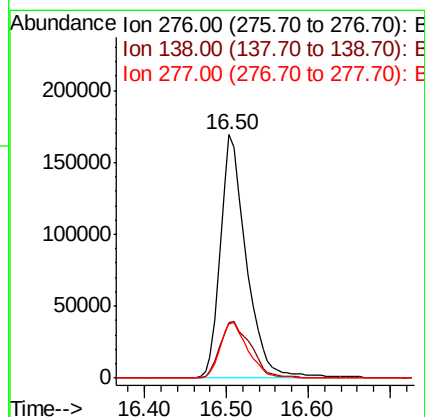
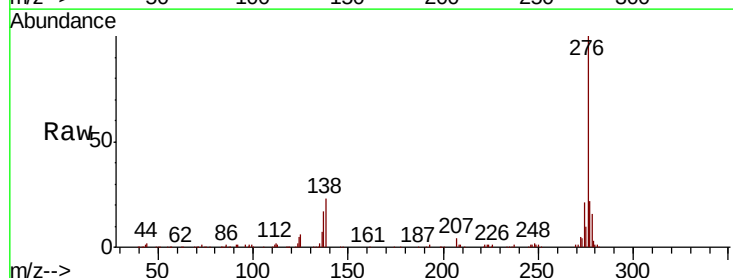
RT: 16.50 min Scan# 2451

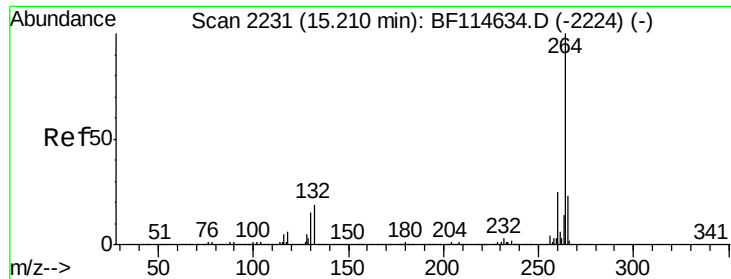
Delta R.T. -0.02 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Tgt Ion:276	Resp:	375537
Ion Ratio	Lower	Upper
276	100	
138	27.8	23.0 34.6
277	24.7	20.5 30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

Instrument :

BNA_F

ClientSampleId :

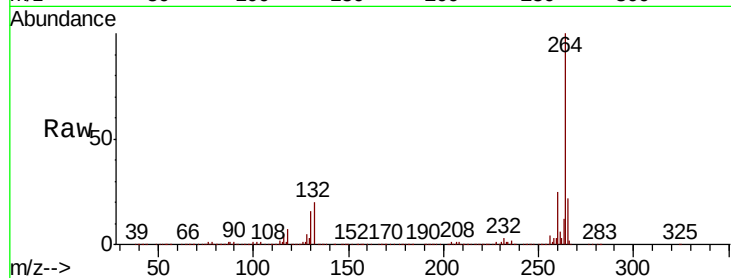
Tot Ion:264 Resp: 1141737

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

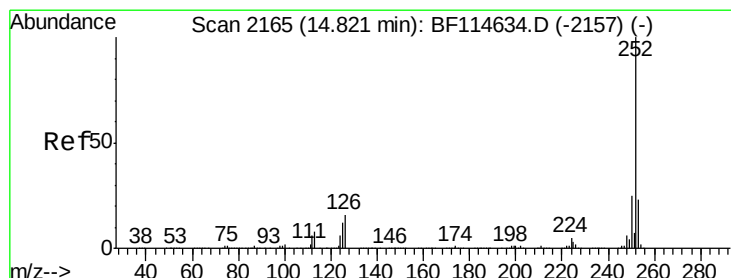
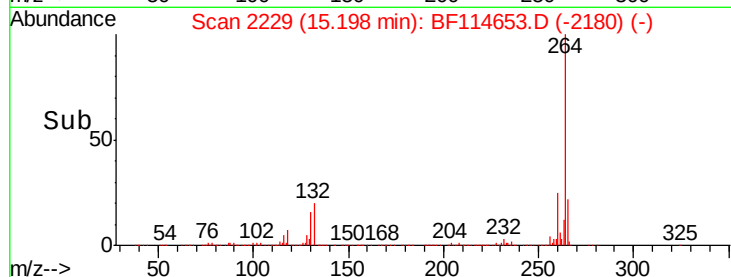
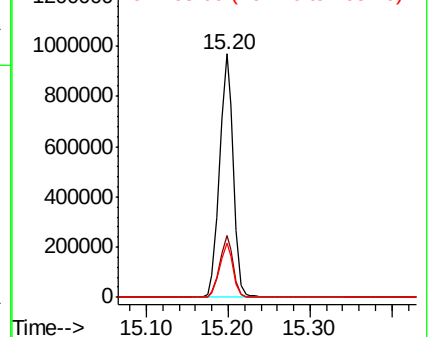
265 22.4 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 5.883 ng

RT: 14.80 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF114653.D

Acq: 30 May 2019 11:33

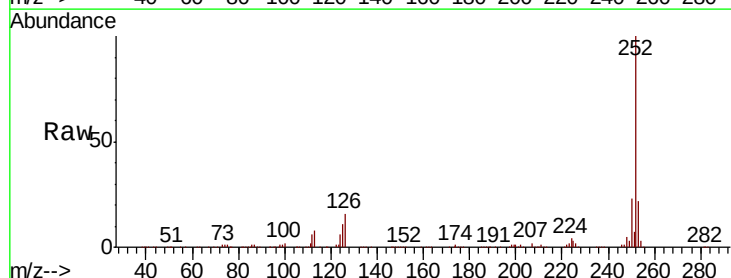
Tgt Ion:252 Resp: 423078

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

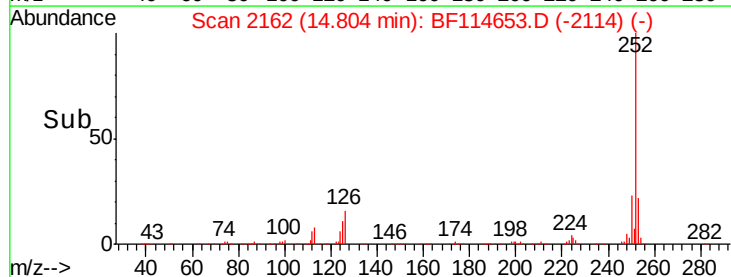
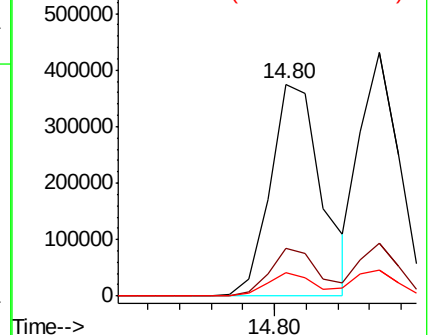
125 11.3 9.4 14.2

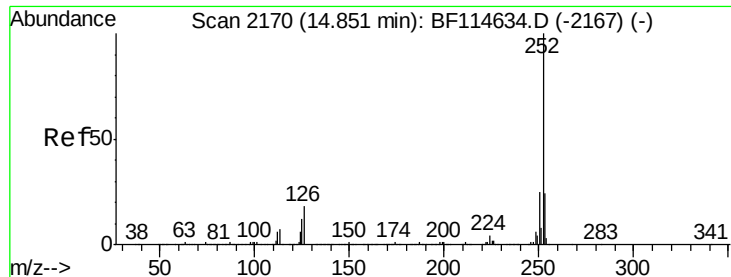


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

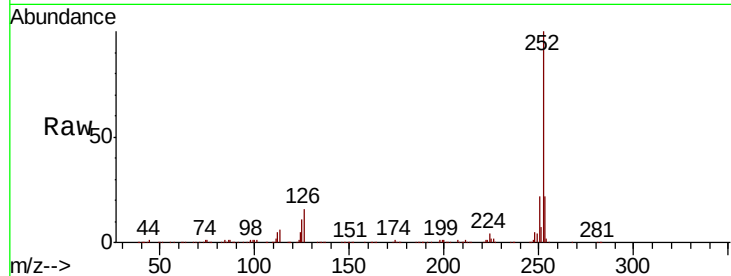




#89
Benzo(k)fluoranthene
Concen: 6.022 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.9	28.3
125	10.9	9.5	14.3

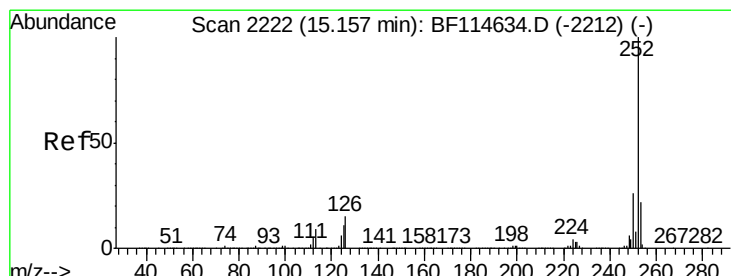
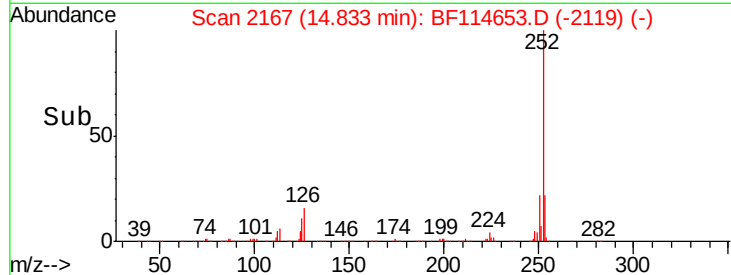
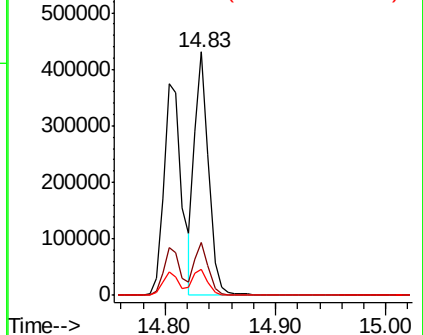


Abundance

Ion 252.00 (251.70 to 252.70): E

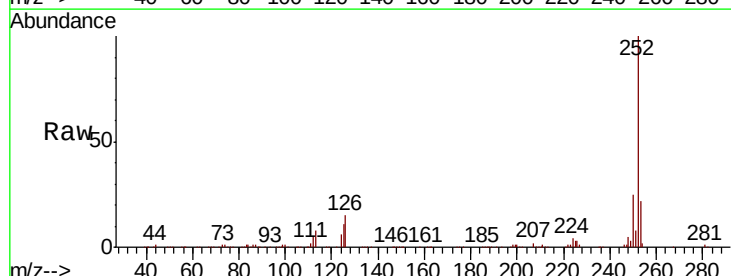
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 5.965 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.8	9.2	13.8

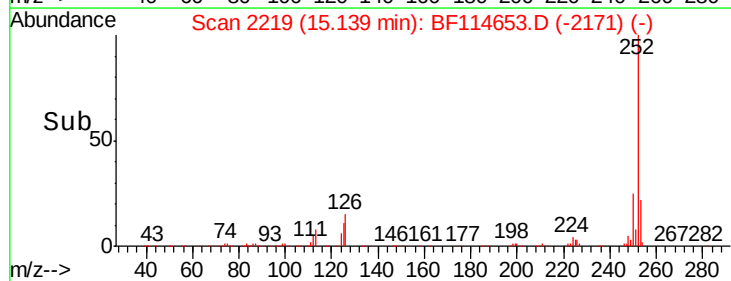
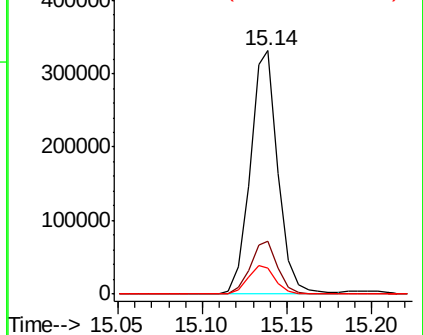


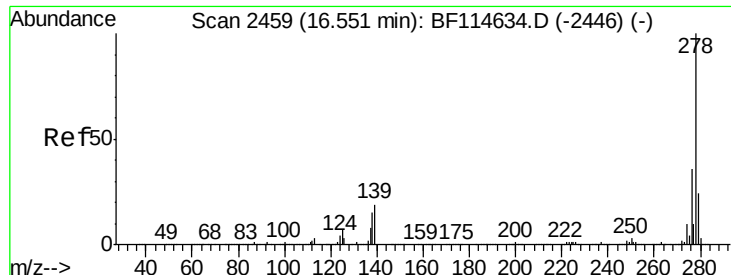
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

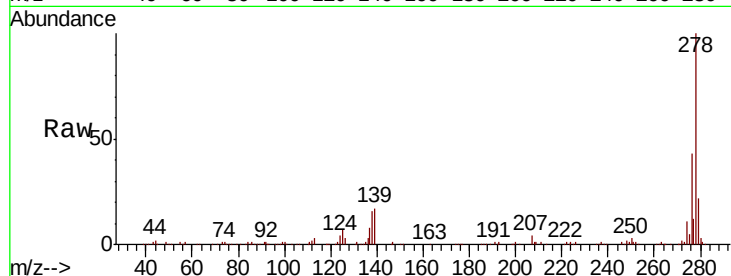




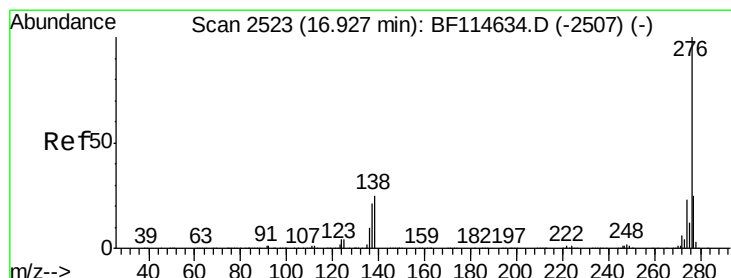
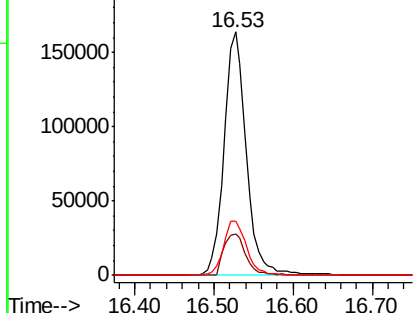
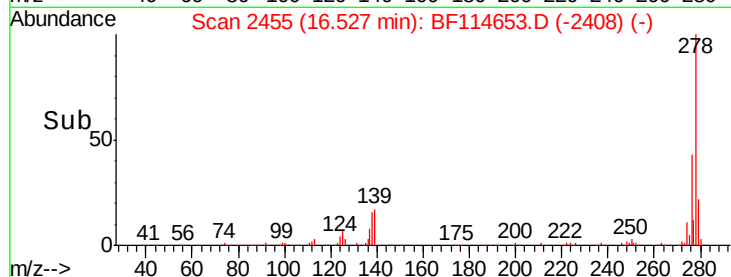
#91
Dibenzo(a,h)anthracene
Concen: 5.710 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.9	22.3
279	22.4	19.5	29.3

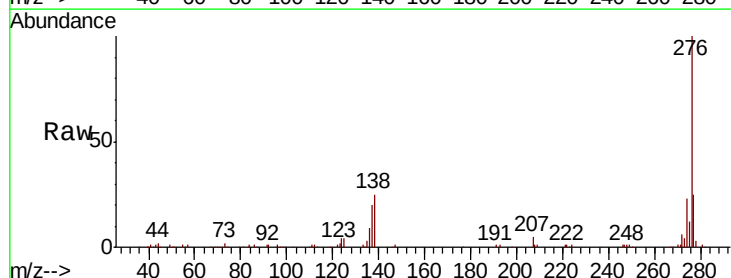


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 5.433 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.03 min
Lab File: BF114653.D
Acq: 30 May 2019 11:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.7	29.5
138	24.6	19.8	29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

