

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114998.D
 Acq On : 13 Jun 2019 12:58
 Operator : HP/JU
 Sample : K3294-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MS

Quant Time: Jun 13 18:24:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	272735	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1040389	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	477392	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	772934	20.00	ng	0.00
76) Chrysene-d12	13.77	240	459573	20.00	ng	0.00
87) Perylene-d12	15.15	264	545762	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1442063	88.29	ng	0.01
7) Phenol-d6	6.30	99	1957403	99.35	ng	0.00
23) Nitrobenzene-d5	7.22	82	1222392	70.72	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	299465	58.58	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2164841	76.86	ng	0.00
79) Terphenyl-d14	12.73	244	1710313	70.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	223092	29.180	ng	99
3) Pyridine	3.01	79	615913	28.614	ng	100
4) n-Nitrosodimethylamine	2.95	42	247409	32.375	ng	95
6) Aniline	6.31	93	458739	17.386	ng	# 33
8) 2-Chlorophenol	6.44	128	615101	33.211	ng	97
9) Benzaldehyde	6.19	77	132408	6.200	ng	98
10) Phenol	6.31	94	729924	33.112	ng	86
11) bis(2-Chloroethyl)ether	6.39	93	599644	35.047	ng	98
12) 1,3-Dichlorobenzene	6.59	146	708880	32.769	ng	97
13) 1,4-Dichlorobenzene	6.66	146	723444	33.264	ng	99
14) 1,2-Dichlorobenzene	6.82	146	678831	33.153	ng	98
15) Benzyl Alcohol	6.80	79	502542	34.043	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	775205	33.852	ng	99
17) 2-Methylphenol	6.92	107	537076	34.767	ng	100
18) Hexachloroethane	7.16	117	242075	30.821	ng	97
19) n-Nitroso-di-n-propylamine	7.07	70	413361	34.530	ng	99
20) 3+4-Methylphenols	7.07	107	637609	34.680	ng	90
22) Acetophenone	7.06	105	881542	37.431	ng	97
24) Nitrobenzene	7.23	77	642512	36.535	ng	96
25) Isophorone	7.47	82	1160828	35.858	ng	99
26) 2-Nitrophenol	7.55	139	219550	22.398	ng	98
27) 2,4-Dimethylphenol	7.60	122	566991	40.097	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	747533	35.992	ng	99
29) 2,4-Dichlorophenol	7.79	162	490730	32.850	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	606160	35.117	ng	100
31) Naphthalene	7.95	128	1819406	36.961	ng	99
32) Benzoic acid	7.60	122	566991	55.417	ng	# 16
33) 4-Chloroaniline	8.00	127	456745	20.101	ng	96
34) Hexachlorobutadiene	8.08	225	331273	34.528	ng	99
35) Caprolactam	8.36	113	155556	31.265	ng	98
36) 4-Chloro-3-methylphenol	8.49	107	539357	35.828	ng	98
37) 2-Methylnaphthalene	8.65	142	1217663	37.088	ng	99
38) 1-Methylnaphthalene	8.74	142	1141370	36.782	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	543973	38.569	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
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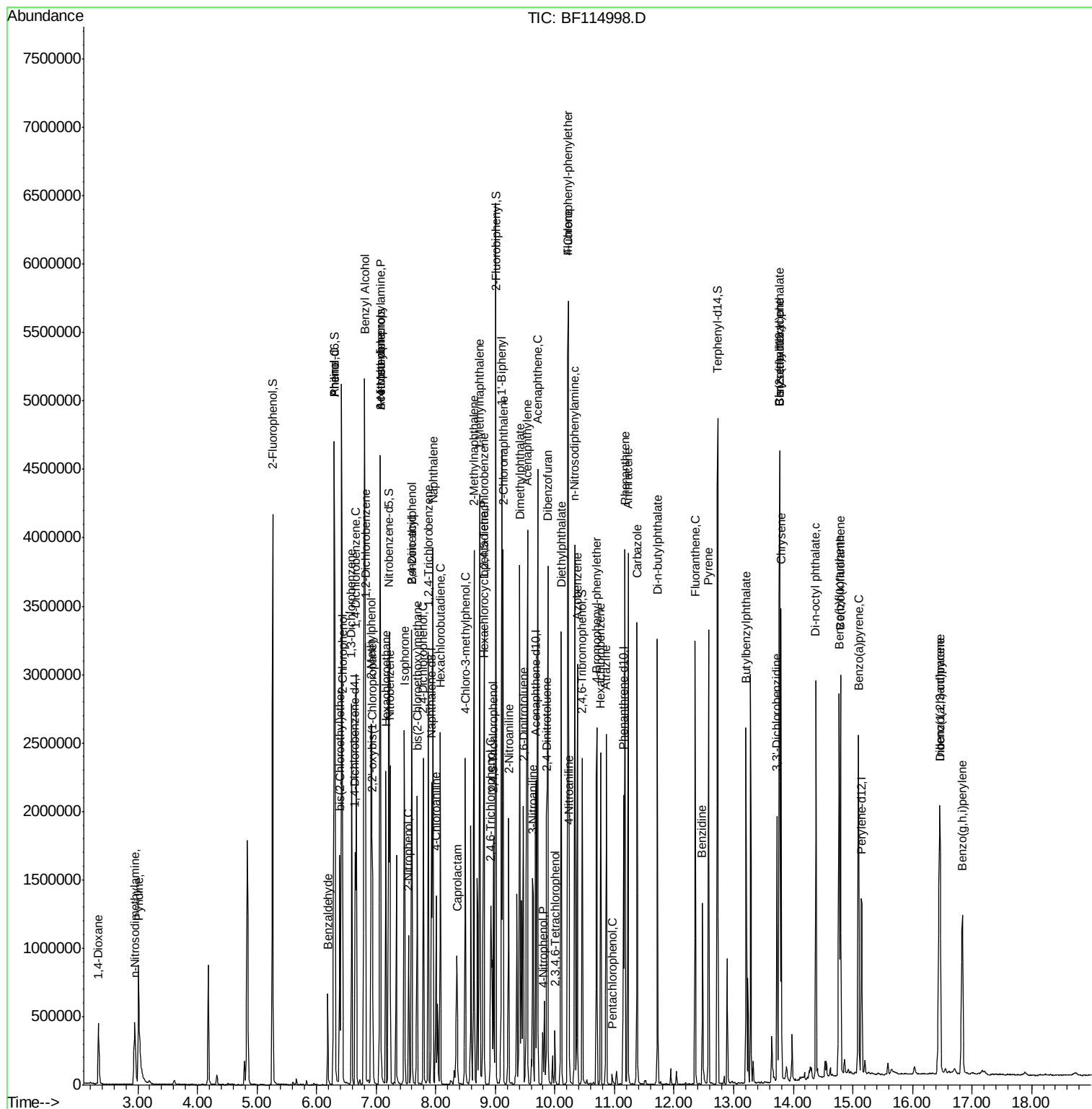
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	218829	31.487	ng	100
43) 2,4,6-Trichlorophenol	8.92	196	188071	17.853	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	275945	25.920	ng	99
46) 1,1'-Biphenyl	9.10	154	1418438	37.078	ng	99
47) 2-Chloronaphthalene	9.13	162	1123428	36.315	ng	99
48) 2-Nitroaniline	9.22	65	318635	34.848	ng	96
49) Acenaphthylene	9.54	152	1716129	36.081	ng	99
50) Dimethylphthalate	9.41	163	1723111	47.995	ng	100
51) 2,6-Dinitrotoluene	9.47	165	295217	36.250	ng	96
52) Acenaphthene	9.71	154	984618	36.183	ng	99
53) 3-Nitroaniline	9.63	138	280679	28.130	ng	94
55) Dibenzofuran	9.88	168	1479860	36.083	ng	99
56) 4-Nitrophenol	9.80	139	78550	11.416	ng	93
57) 2,4-Dinitrotoluene	9.86	165	366929	35.399	ng	95
58) Fluorene	10.22	166	1013871	35.358	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.00	232	55077	6.405	ng	# 78
60) Diethylphthalate	10.10	149	1246954	36.325	ng	100
61) 4-Chlorophenyl-phenylether	10.22	204	519105	36.956	ng	99
62) 4-Nitroaniline	10.24	138	305575	30.459	ng	95
63) Azobenzene	10.37	77	1052043	35.031	ng	100
66) n-Nitrosodiphenylamine	10.33	169	1002813	43.404	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	331731	39.972	ng	99
68) Hexachlorobenzene	10.77	284	338409	37.038	ng	100
69) Atrazine	10.86	200	314251	42.186	ng	99
70) Pentachlorophenol	10.96	266	11204	2.258	ng	99
71) Phenanthrene	11.17	178	1445466	36.220	ng	99
72) Anthracene	11.23	178	1486289	36.917	ng	99
73) Carbazole	11.38	167	1278403	36.380	ng	97
74) Di-n-butylphthalate	11.72	149	1702423	38.428	ng	99
75) Fluoranthene	12.36	202	1290988	31.636	ng	98
77) Benzidine	12.47	184	557796	30.007	ng	96
78) Pyrene	12.58	202	1282448	30.632	ng	99
80) Butylbenzylphthalate	13.21	149	592319	30.290	ng	97
81) Benzo(a)anthracene	13.76	228	1145988	33.322	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	397639	30.159	ng	# 97
83) Chrysene	13.80	228	1171078	34.243	ng	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	773888	33.485	ng	98
85) Di-n-octyl phthalate	14.38	149	1398951	35.150	ng	99
86) Indeno(1,2,3-cd)pyrene	16.45	276	1059270	35.261	ng	99
88) Benzo(b)fluoranthene	14.77	252	1238687	34.142	ng	100
89) Benzo(k)fluoranthene	14.80	252	1184881	37.208	ng	100
90) Benzo(a)pyrene	15.10	252	1148470	36.685	ng	98
91) Dibenzo(a,h)anthracene	16.46	278	903405	33.508	ng	99
92) Benzo(g,h,i)perylene	16.84	276	840166	30.556	ng	99

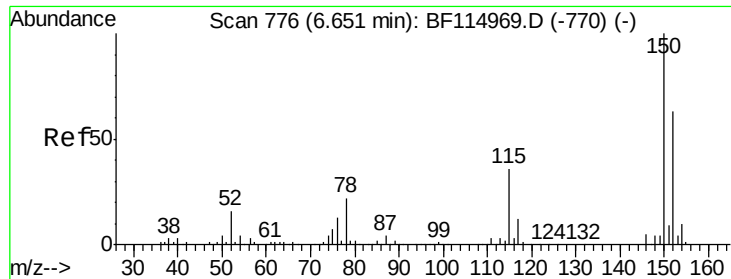
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 12 Sample Multiplier: 1
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Instrument :
BNA_F
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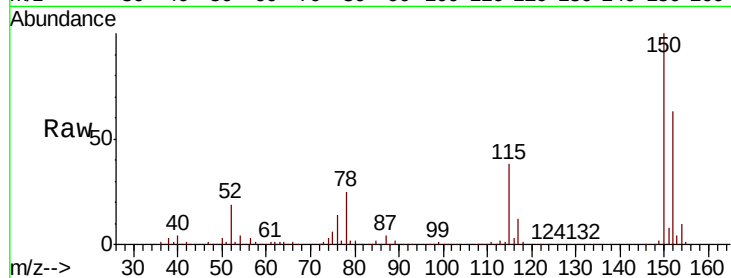


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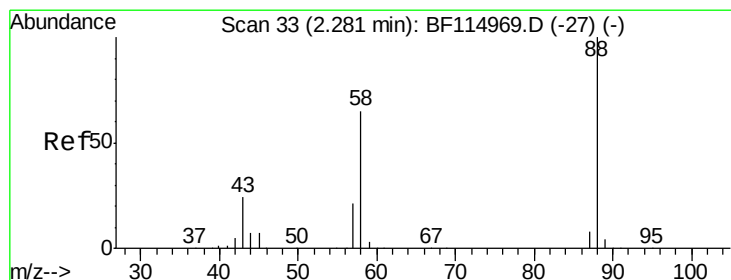
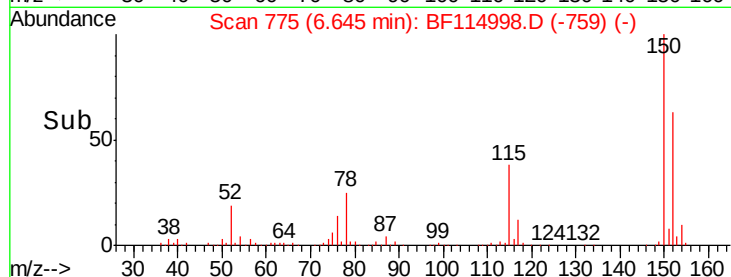
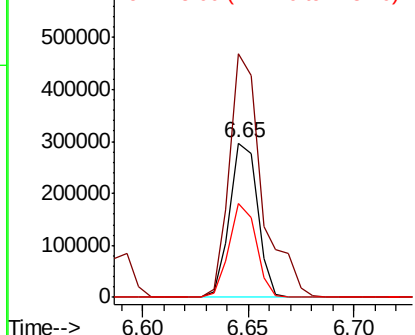
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

Tot Ion:152 Resp: 272735
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 60.4 46.0 69.0



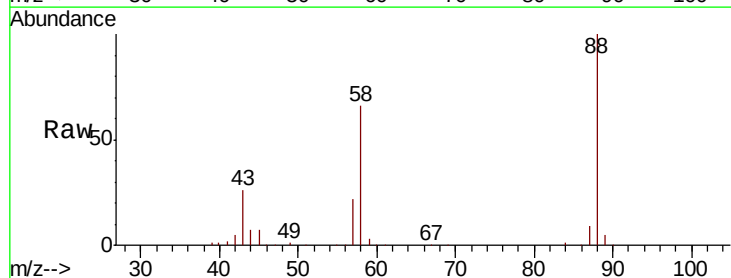
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



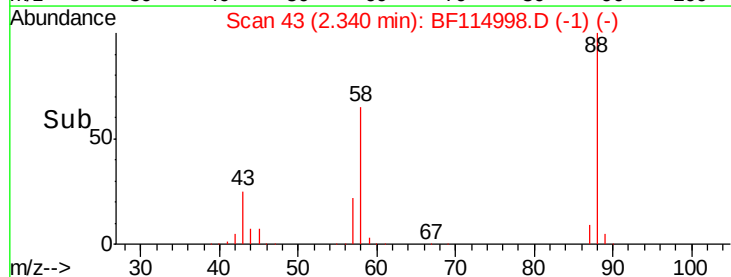
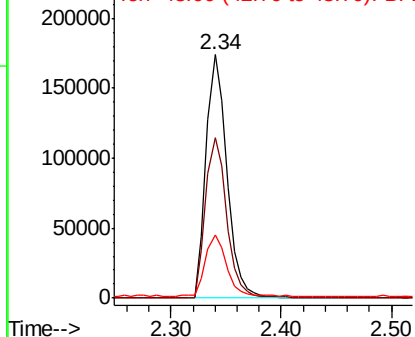
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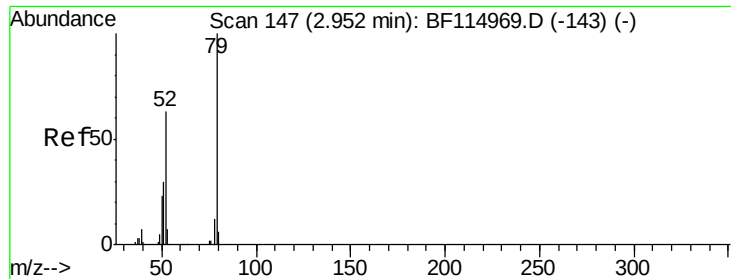
1,4-Dioxane
Concen: 29.180 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.06 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion: 88 Resp: 223092
Ion Ratio Lower Upper
88 100
58 67.6 53.4 80.2
43 24.6 19.7 29.5



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

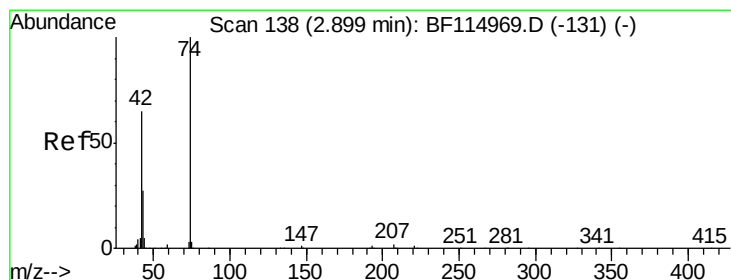
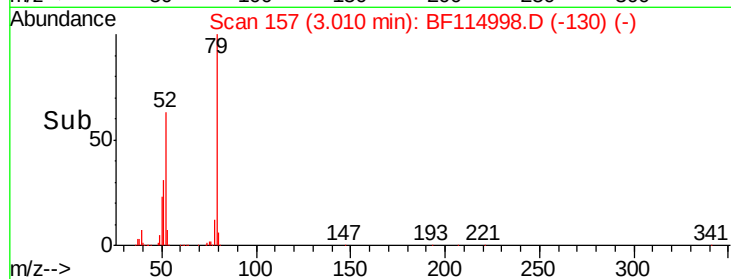
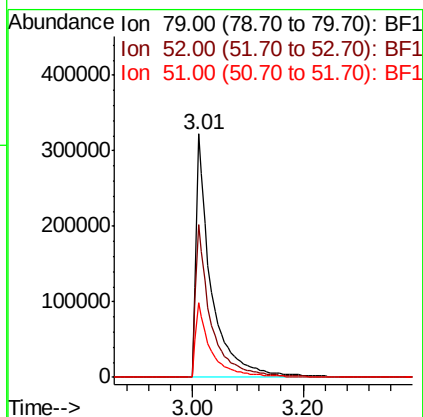
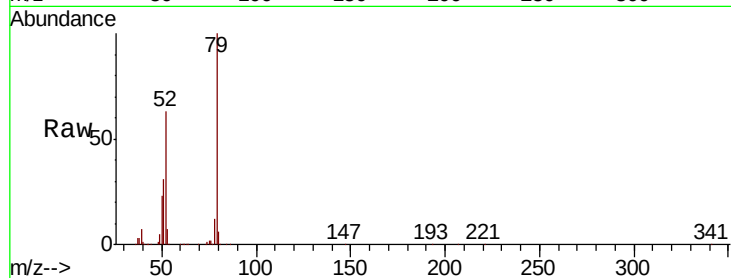




#3
 Pvridine
 Concen: 28.614 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.06 min
 Lab File: BF114998.D
 Acq: 13 Jun 2019 12:58

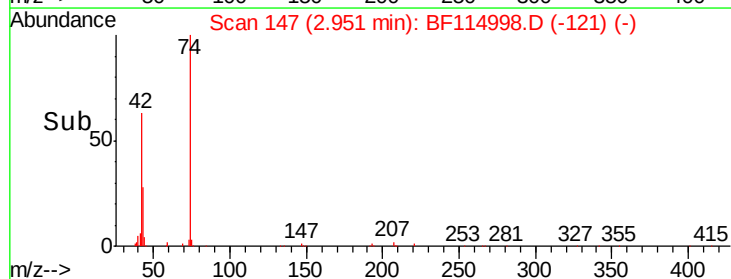
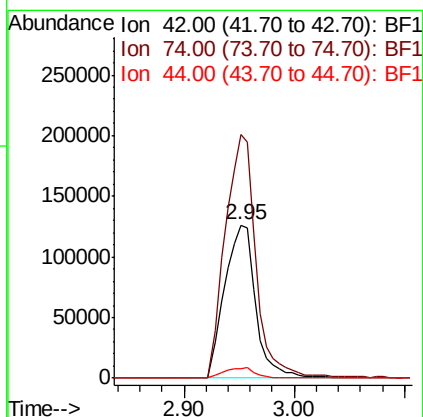
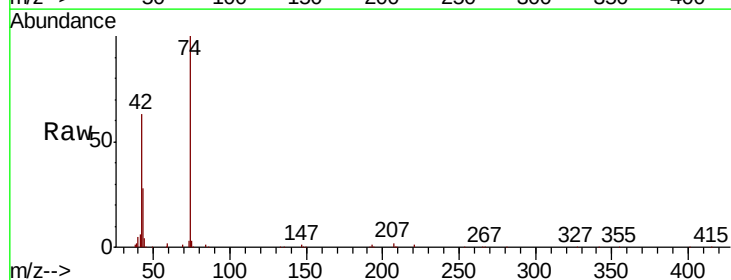
Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MS

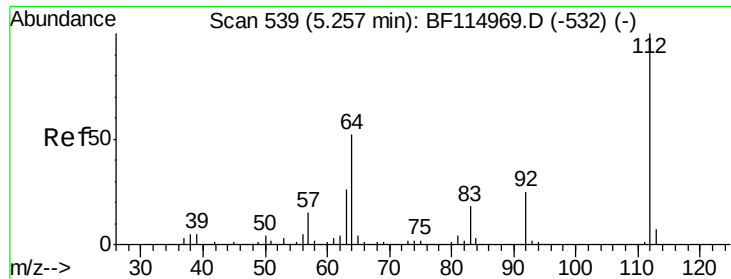
Tot Ion: 79 Resp: 615913
 Ion Ratio Lower Upper
 79 100
 52 62.9 50.3 75.5
 51 30.5 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 32.375 ng
 RT: 2.95 min Scan# 147
 Delta R.T. 0.05 min
 Lab File: BF114998.D
 Acq: 13 Jun 2019 12:58

Tgt Ion: 42 Resp: 247409
 Ion Ratio Lower Upper
 42 100
 74 159.0 122.2 183.2
 44 6.4 5.8 8.8





#5

2-Fluorophenol

Concen: 88.289 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

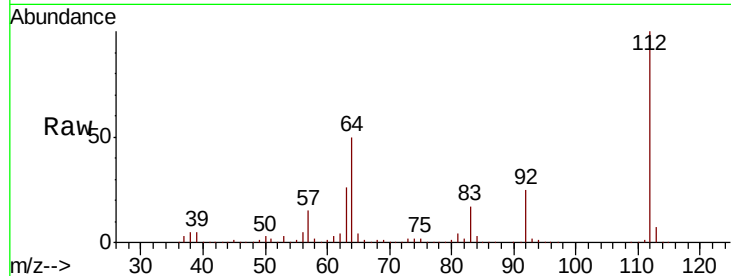
Tot Ion:112 Resp: 1442063

Ion Ratio Lower Upper

112 100

64 49.7 41.6 62.4

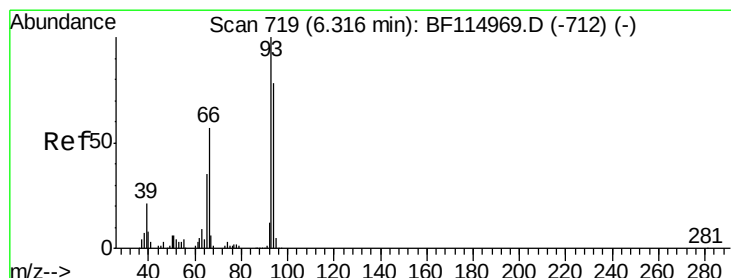
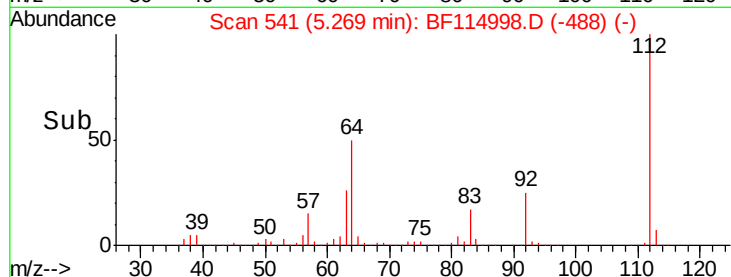
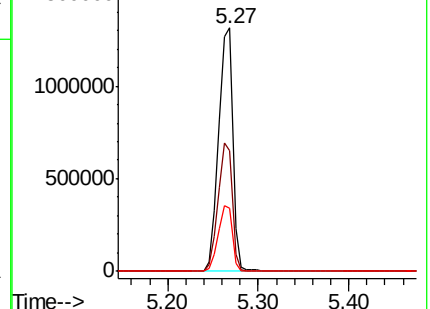
63 25.8 20.9 31.3



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: 17.386 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

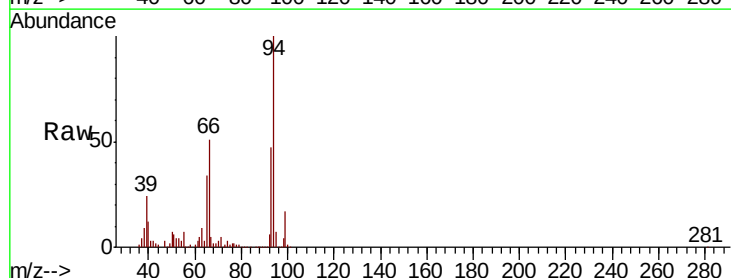
Tgt Ion: 93 Resp: 458739

Ion Ratio Lower Upper

93 100

66 108.2 46.2 69.2#

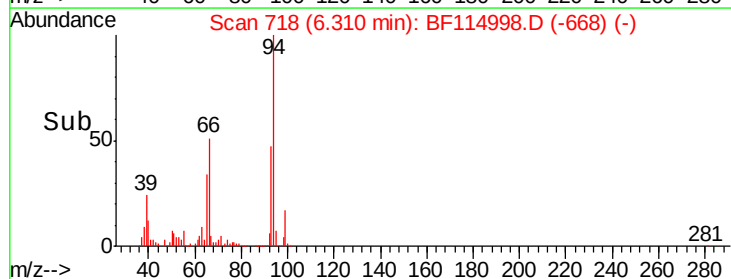
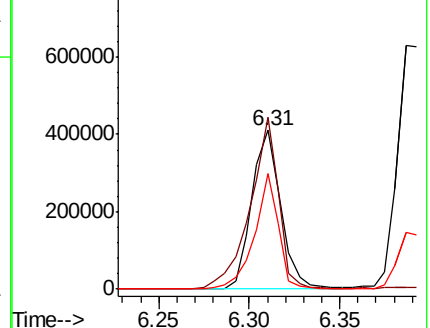
65 72.4 27.7 41.5#

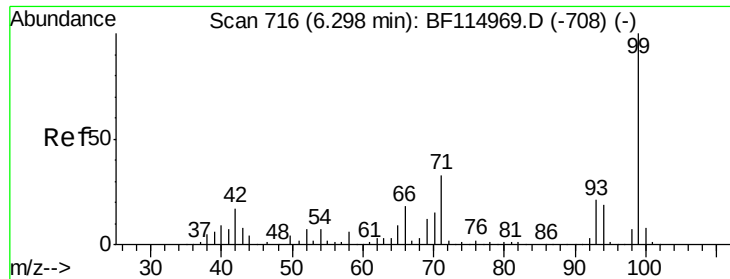


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.346 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

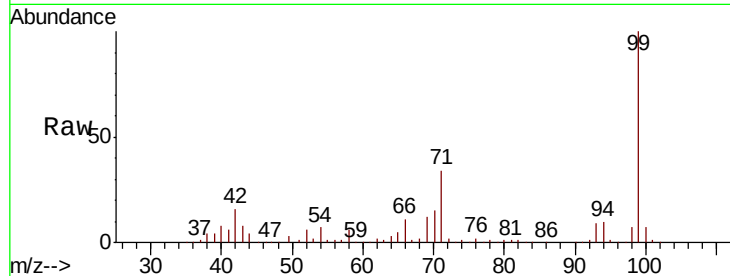
BNA_F

ClientSampleId :

S1(5-10)MS

Tot Ion: 99 Resp: 1957403

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.2
71	33.8	26.4	39.6

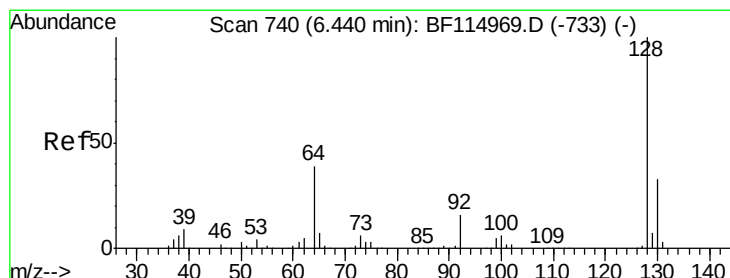
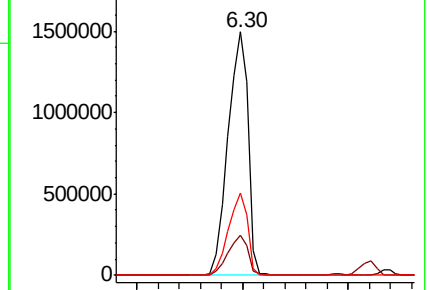
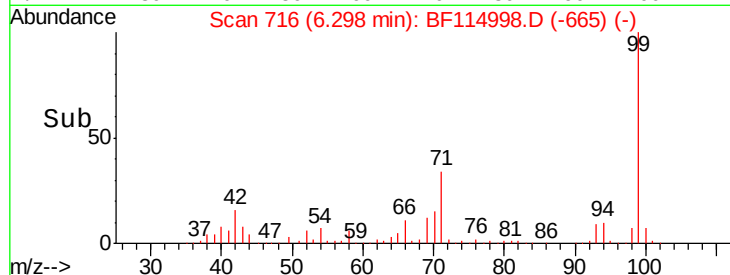


Abundance

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: 33.211 ng

RT: 6.44 min Scan# 740

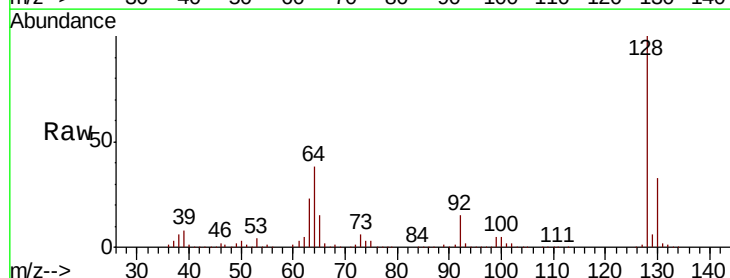
Delta R.T. -0.00 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Tgt Ion: 128 Resp: 615101

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.4	53.4
64	37.6	20.1	60.1

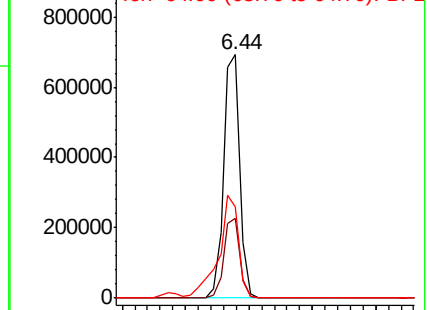
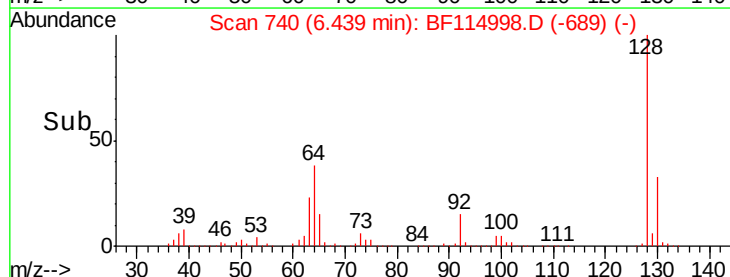


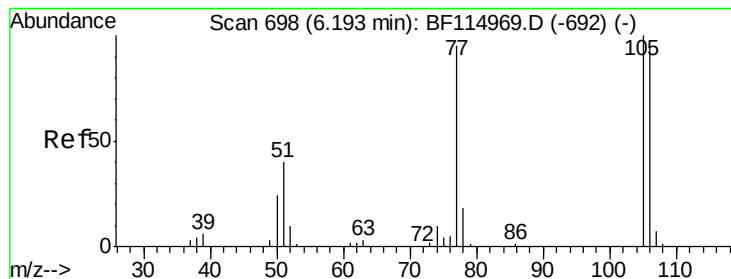
Abundance

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: 6.200 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

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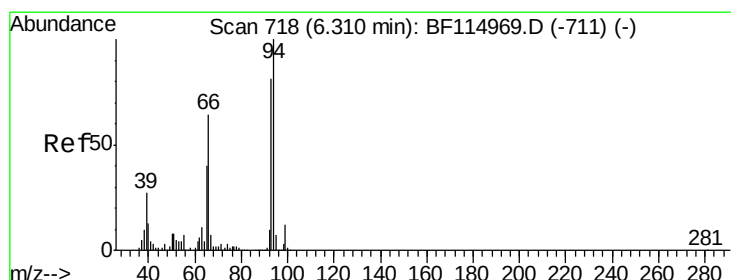
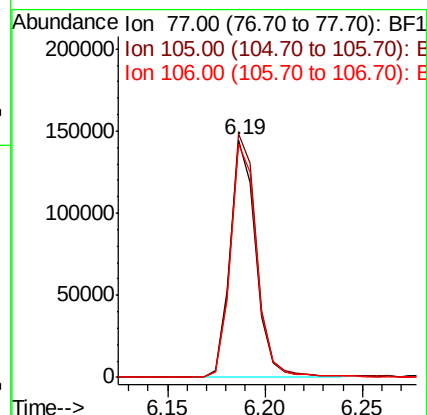
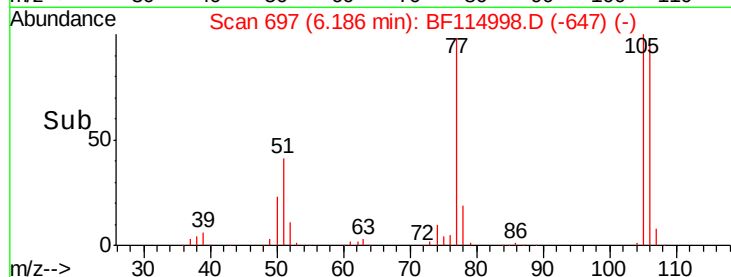
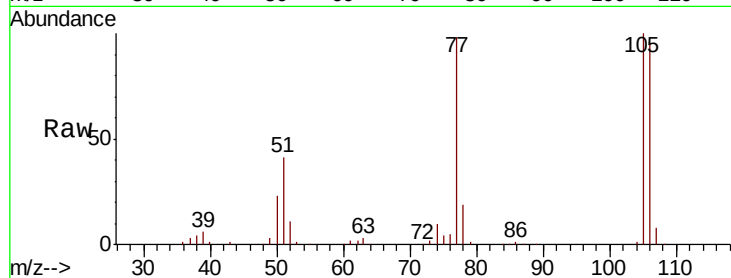
Tot Ion: 77 Resp: 132408

Ion Ratio Lower Upper

77 100

105 102.5 85.1 125.1

106 98.3 80.0 120.0



#10

Phenol

Concen: 33.112 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

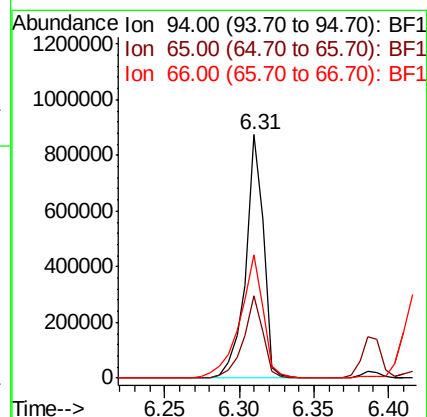
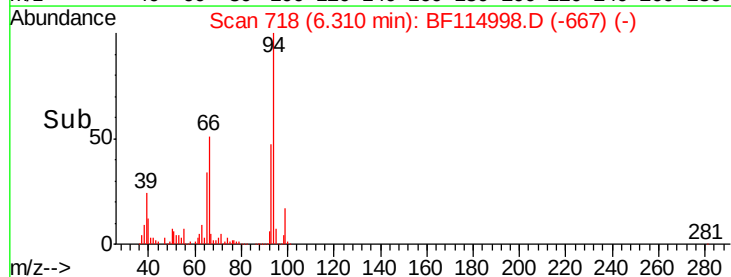
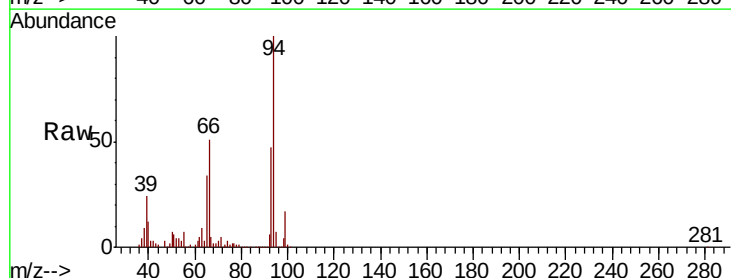
Tgt Ion: 94 Resp: 729924

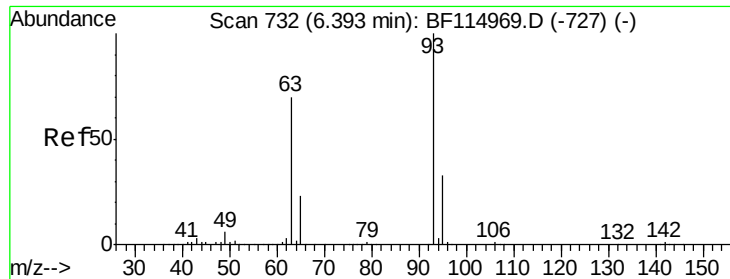
Ion Ratio Lower Upper

94 100

65 34.0 20.0 60.0

66 50.8 44.1 84.1





#11

bis(2-Chloroethyl)ether

Concen: 35.047 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

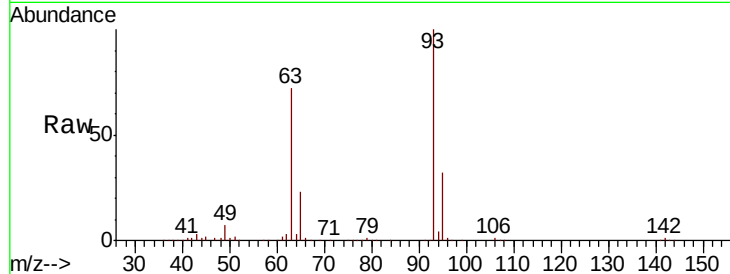
Tot Ion: 93 Resp: 599644

Ion Ratio Lower Upper

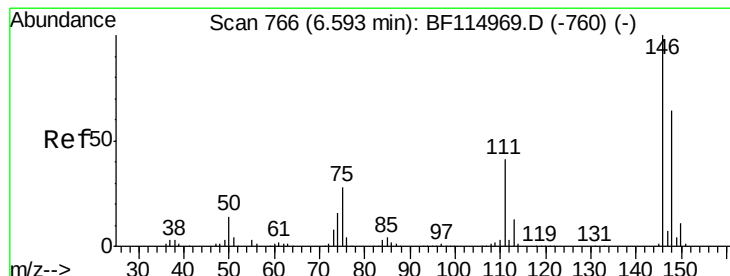
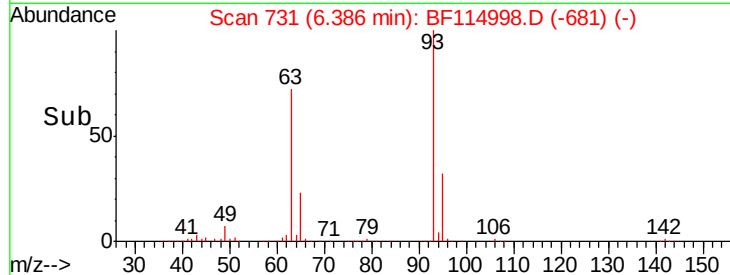
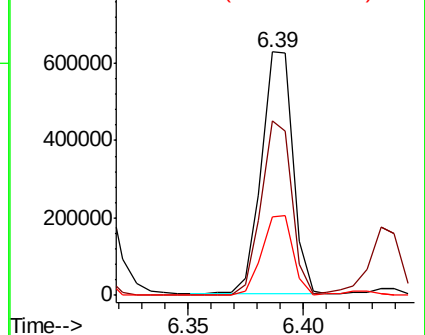
93 100

63 71.7 49.8 89.8

95 32.2 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 32.769 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

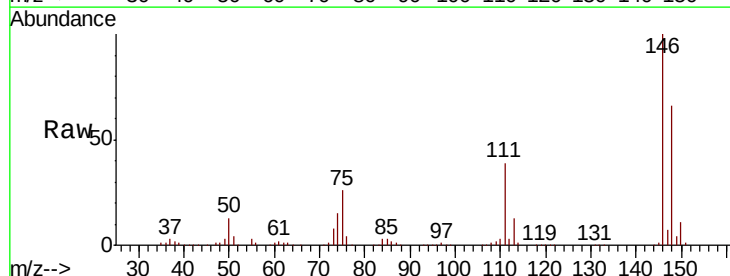
Tgt Ion: 146 Resp: 708880

Ion Ratio Lower Upper

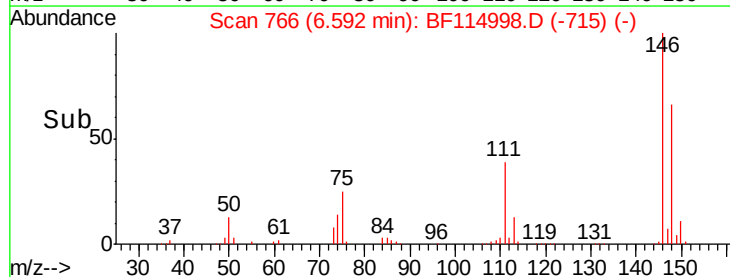
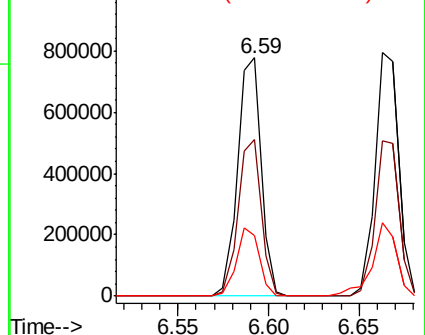
146 100

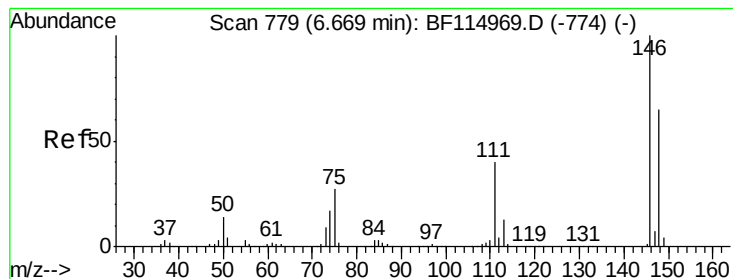
148 65.9 51.6 77.4

75 25.6 22.3 33.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 33.264 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

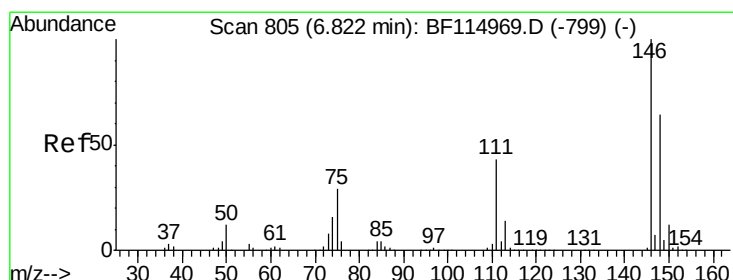
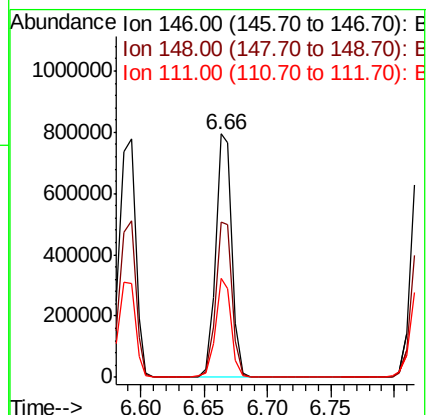
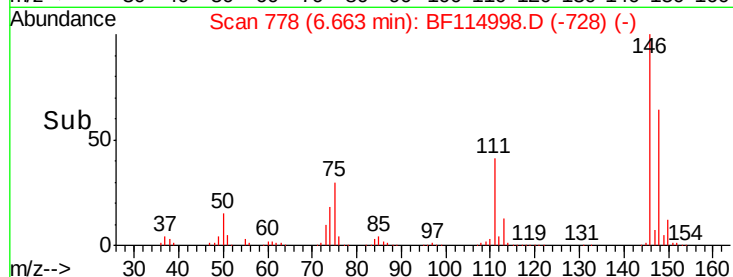
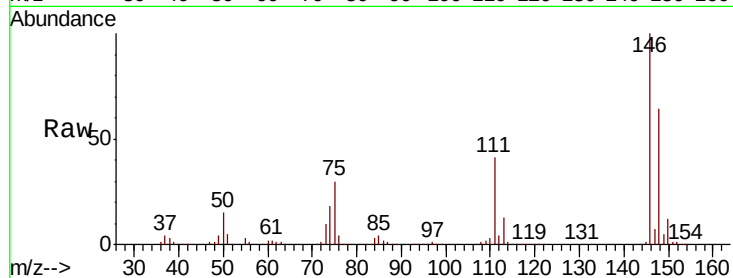
Tot Ion:146 Resp: 723444

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

111 40.7 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 33.153 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

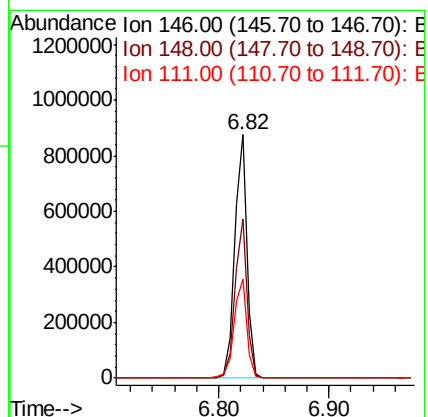
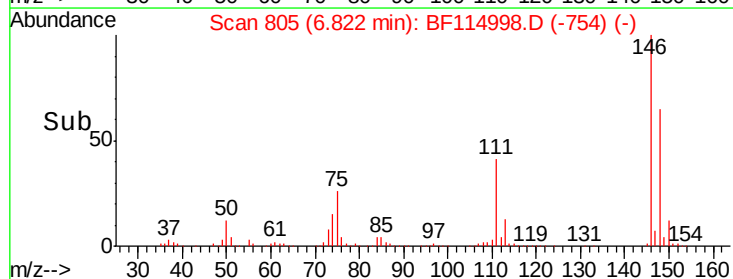
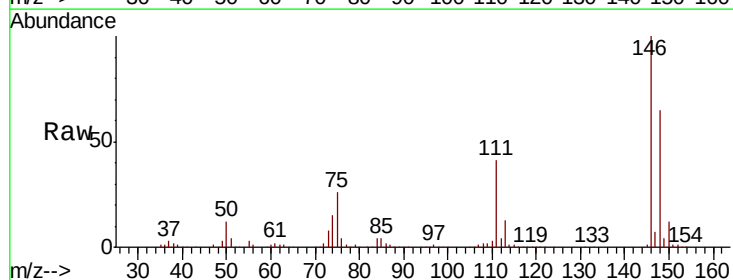
Tgt Ion:146 Resp: 678831

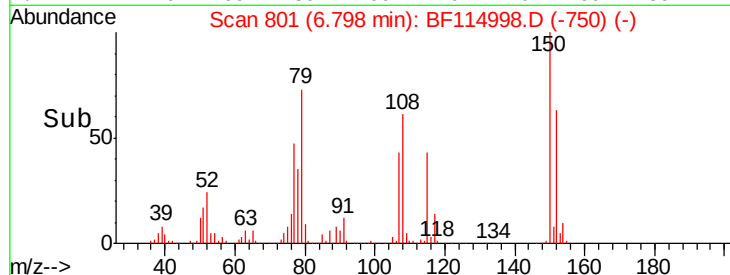
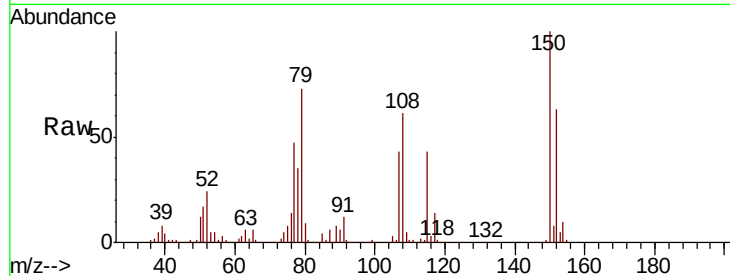
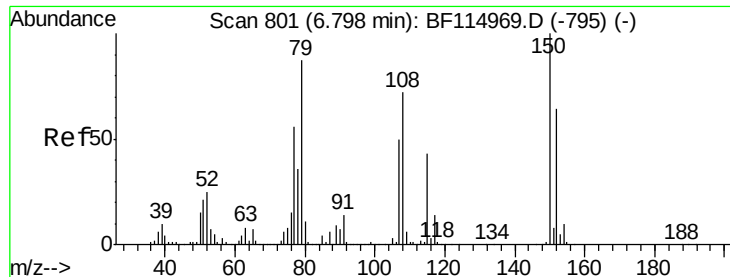
Ion Ratio Lower Upper

146 100

148 65.2 51.5 77.3

111 40.8 34.6 51.8

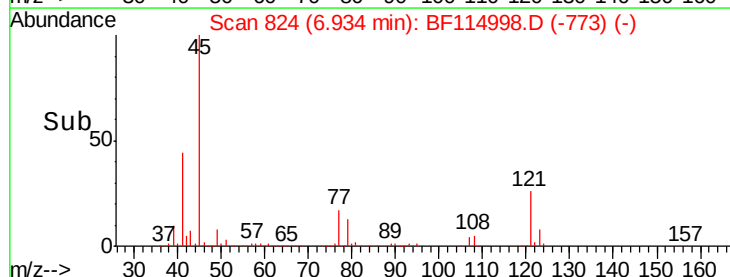
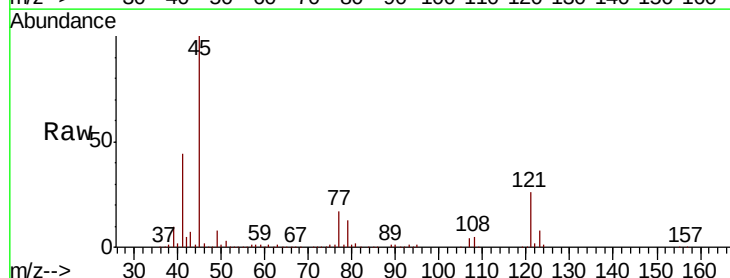
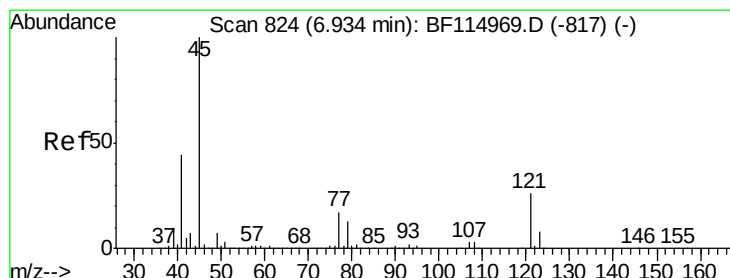
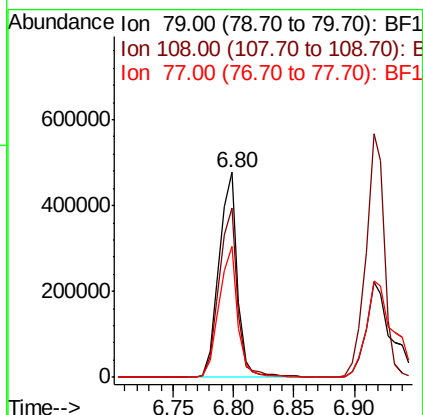




#15
Benzyl Alcohol
Concen: 34.043 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

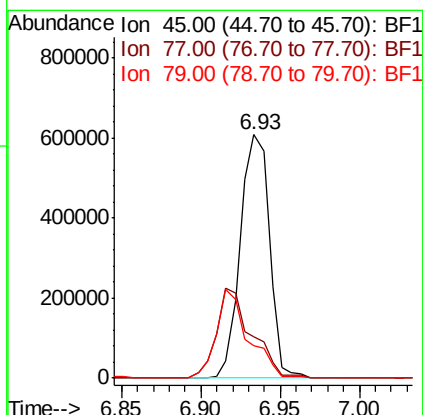
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

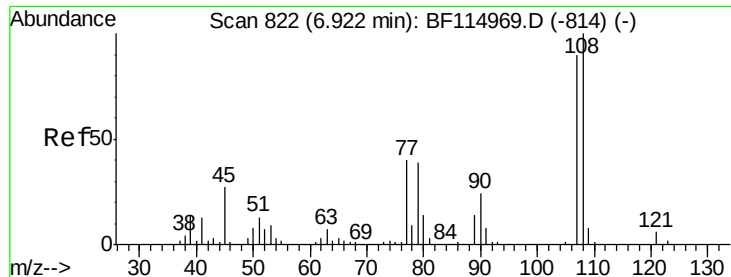
Tot Ion: 79 Resp: 502542
Ion Ratio Lower Upper
79 100
108 82.8 66.0 99.0
77 63.7 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.852 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion: 45 Resp: 775205
Ion Ratio Lower Upper
45 100
77 17.2 0.0 37.0
79 13.4 0.0 33.1

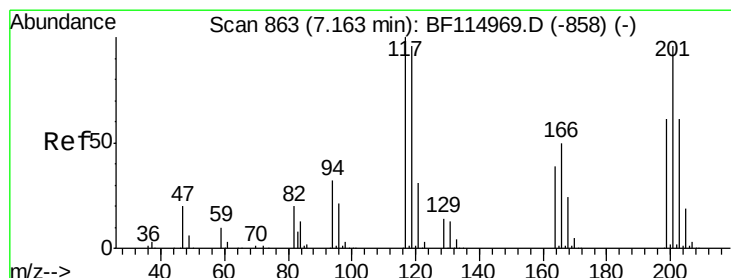
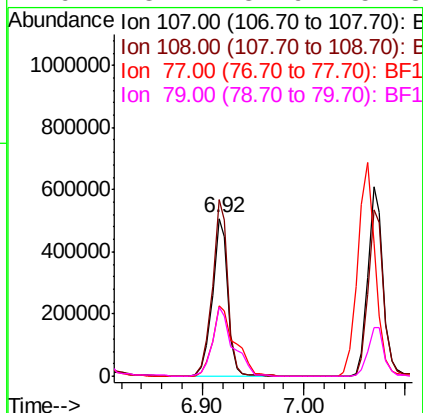
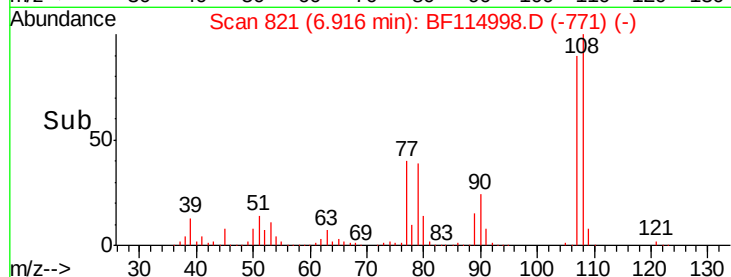
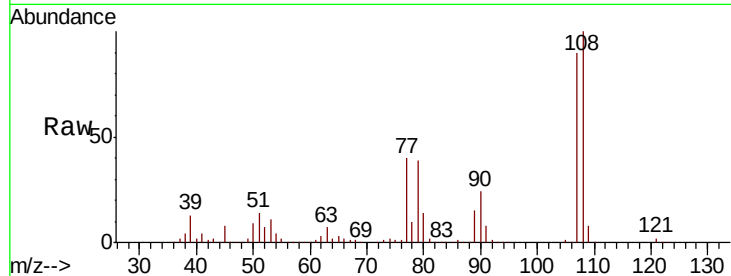




#17
2-Methylphenol
Concen: 34.767 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

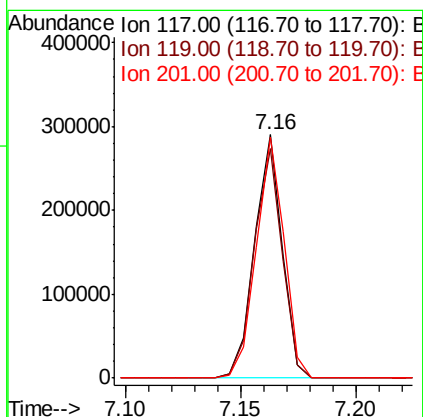
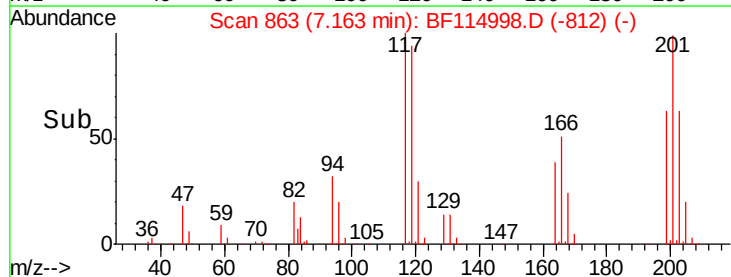
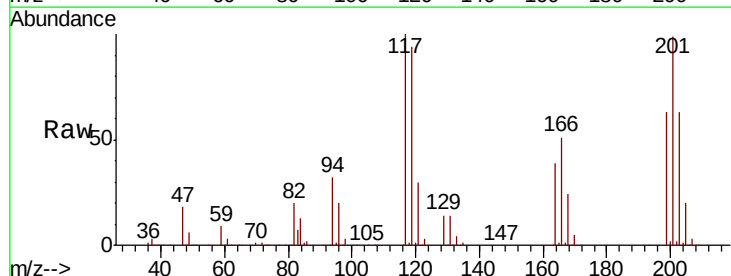
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

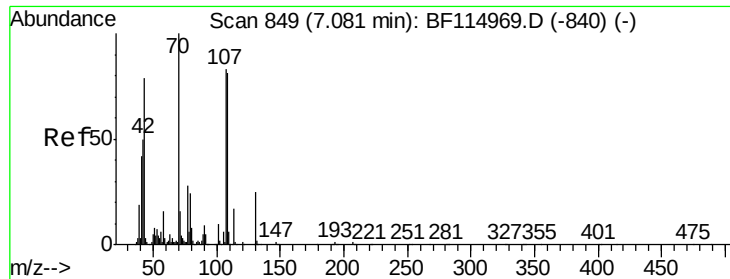
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.3	133.9
77	44.4	35.4	53.2
79	43.4	34.9	52.3



#18
Hexachloroethane
Concen: 30.821 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.0	115.4
201	99.2	76.6	115.0

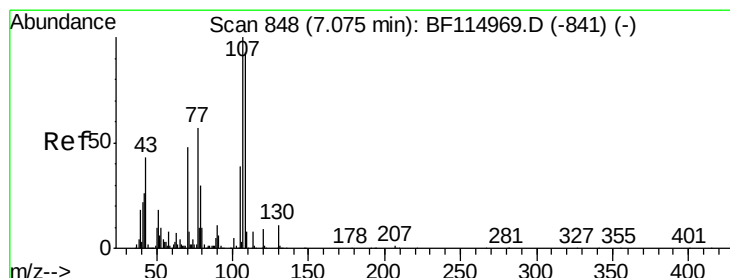
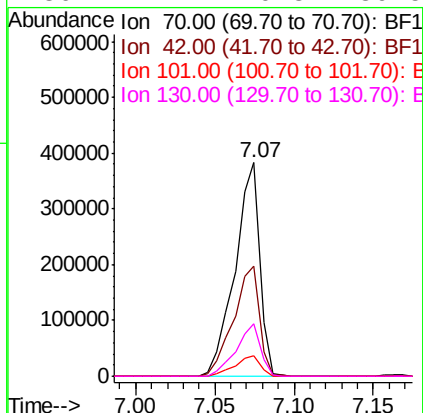
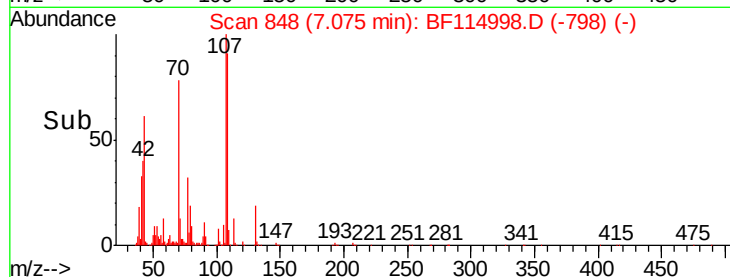
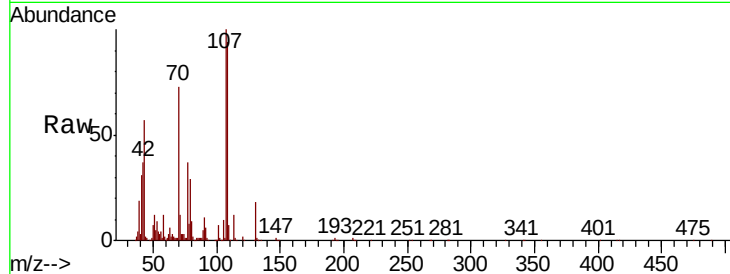




#19
n-Nitroso-di-n-propylamine
Concen: 34.530 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

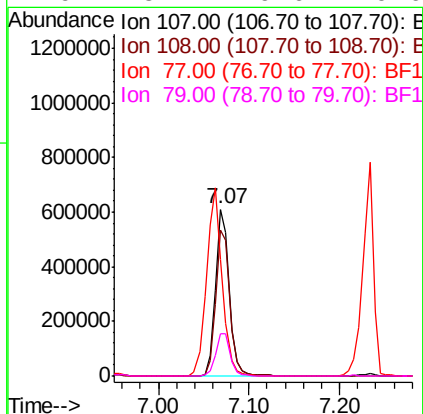
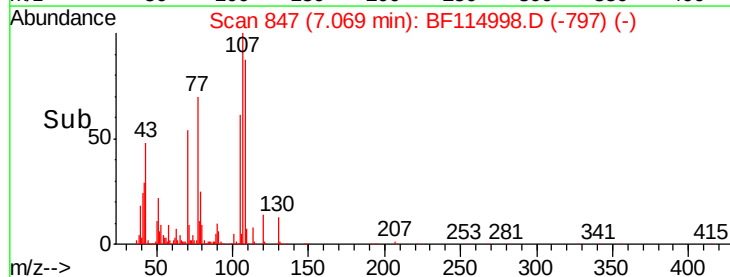
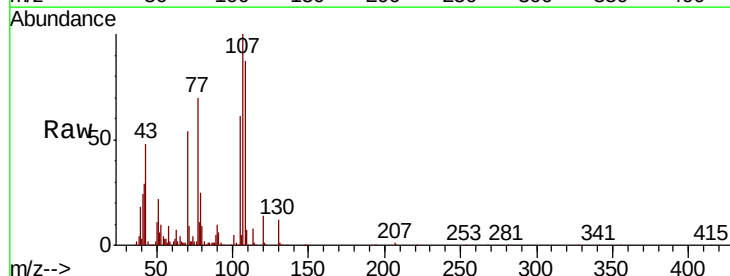
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

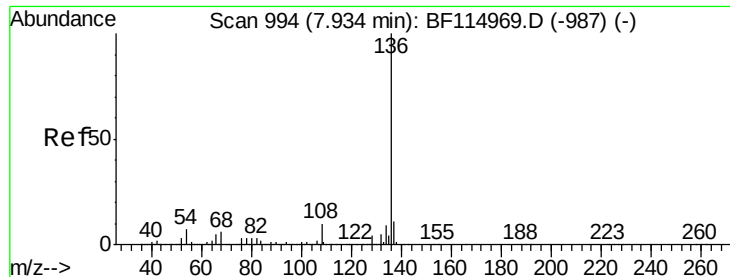
Tot Ion:	70	Resp:	413361
Ion	Ratio	Lower	Upper
70	100		
42	51.4	40.3	60.5
101	9.8	8.2	12.4
130	24.7	20.3	30.5



#20
3+4-Methylphenols
Concen: 34.680 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:	107	Resp:	637609
Ion	Ratio	Lower	Upper
107	100		
108	87.3	73.1	113.1
77	69.8	37.3	77.3
79	25.4	9.6	49.6

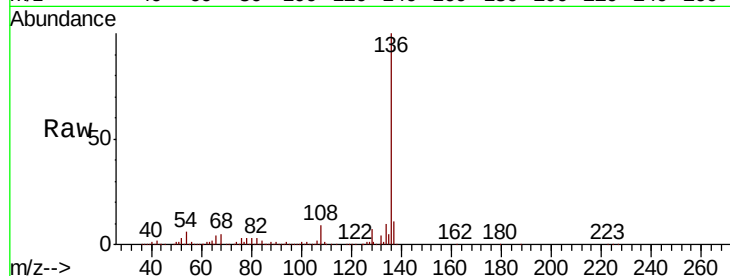




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

Tot Ion:136	Resp: 1040389
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 6.0	5.4 8.0
68 5.4	4.6 7.0



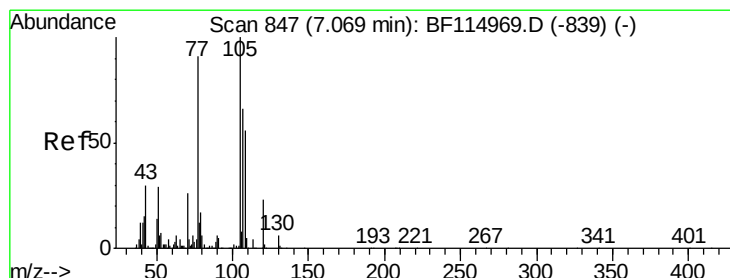
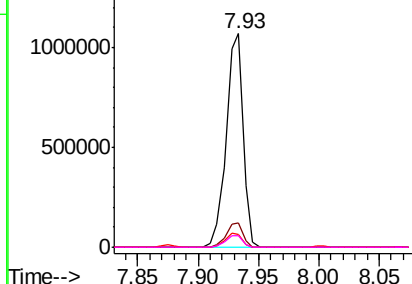
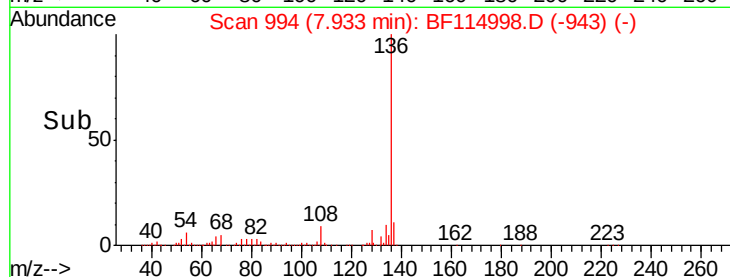
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

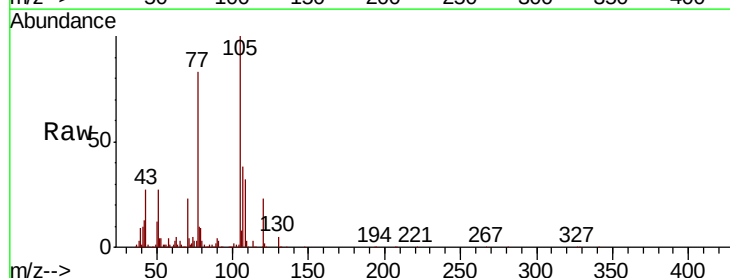
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.431 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt	Ion:105	Resp:	881542
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.4	5.2
51	26.7	23.3	34.9
120	23.1	18.8	28.2



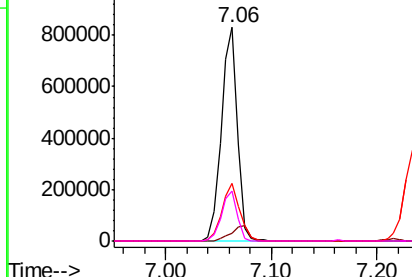
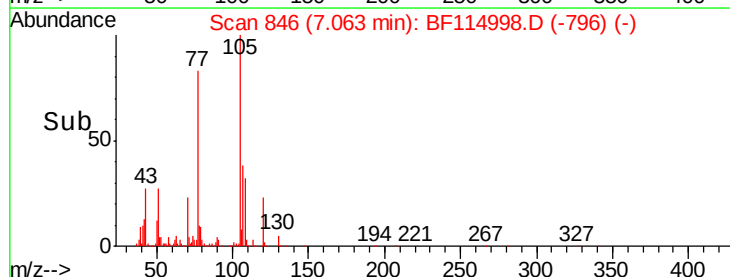
Abundance

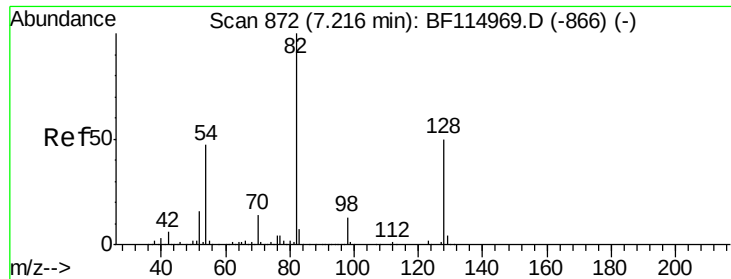
Ion 105.00 (104.70 to 105.70): E

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



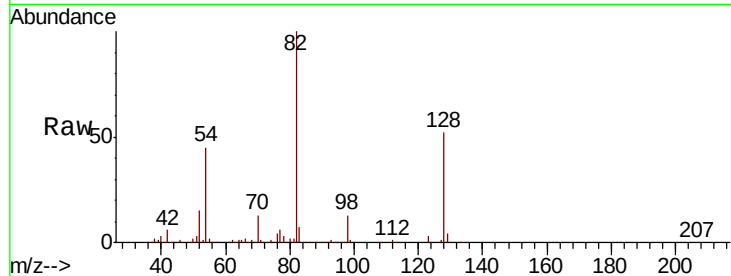


#23
 Nitrobenzene-d5
 Concen: 70.722 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF114998.D
 Acq: 13 Jun 2019 12:58

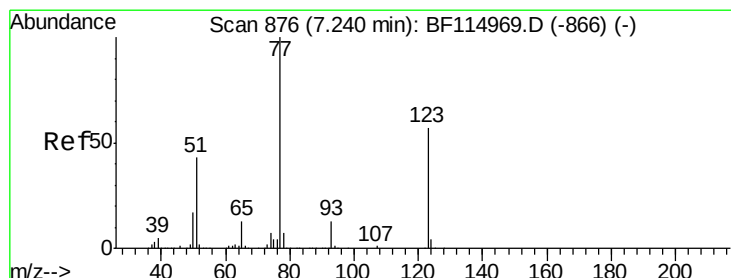
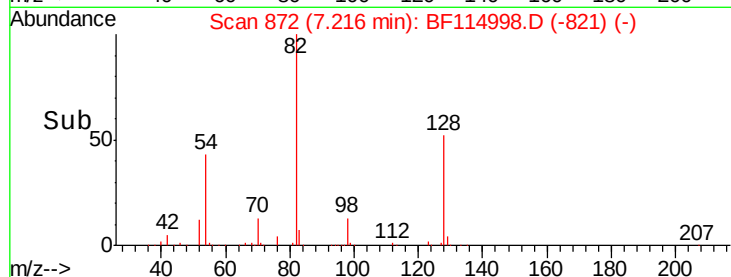
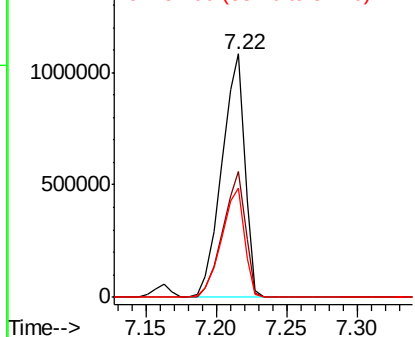
Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MS

Tot Ion: 82 Resp: 1222392

Ion	Ratio	Lower	Upper
82	100		
128	51.9	39.9	59.9
54	44.9	37.3	55.9



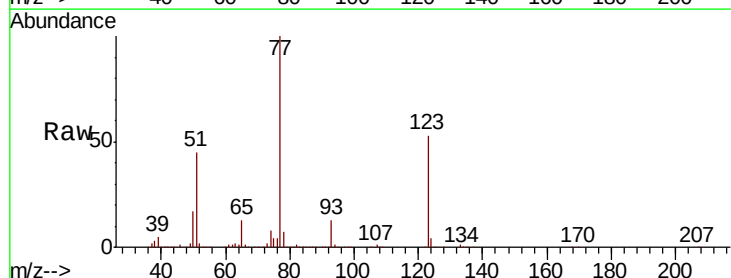
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



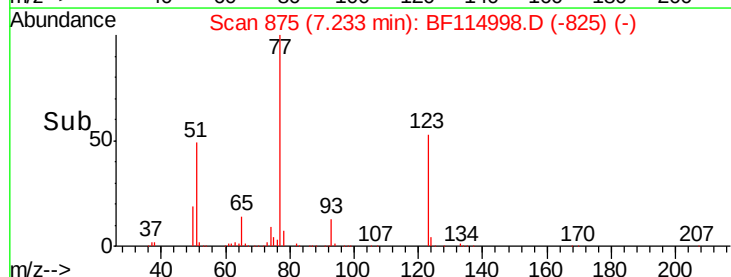
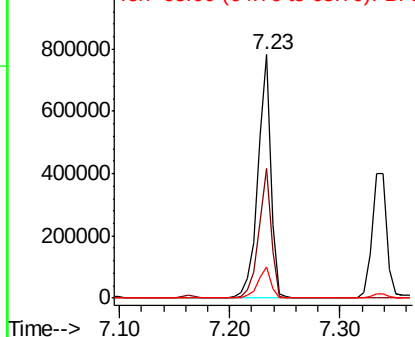
#24
 Nitrobenzene
 Concen: 36.535 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF114998.D
 Acq: 13 Jun 2019 12:58

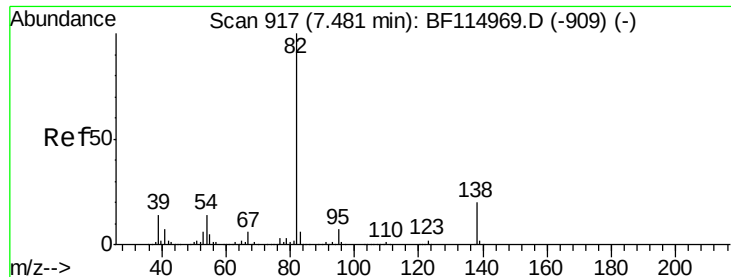
Tgt Ion: 77 Resp: 642512

Ion	Ratio	Lower	Upper
77	100		
123	53.3	45.5	68.3
65	12.8	10.3	15.5



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: 35.858 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

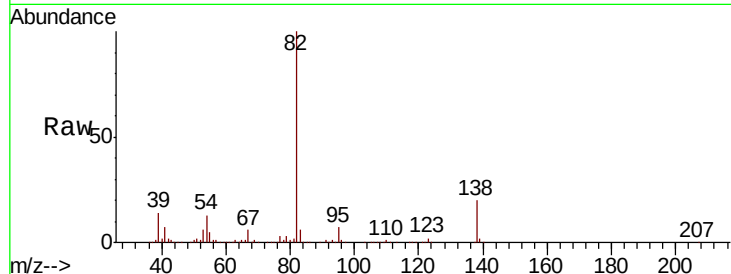
Tot Ion: 82 Resp: 1160828

Ion Ratio Lower Upper

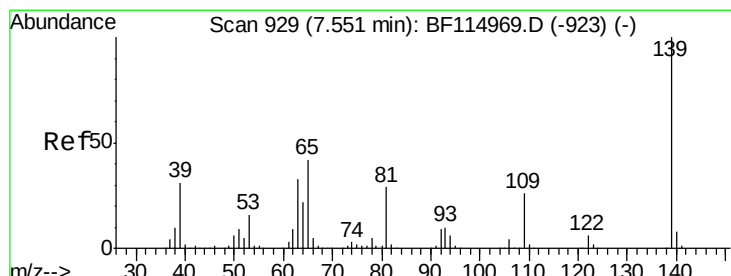
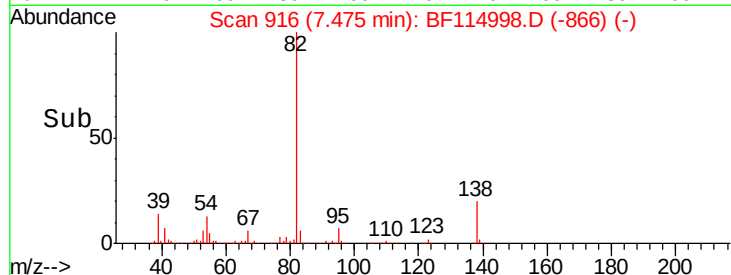
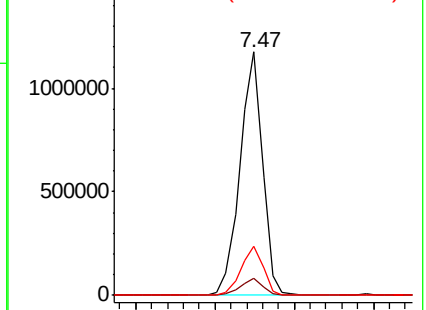
82 100

95 7.1 5.6 8.4

138 20.4 16.1 24.1



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: 22.398 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

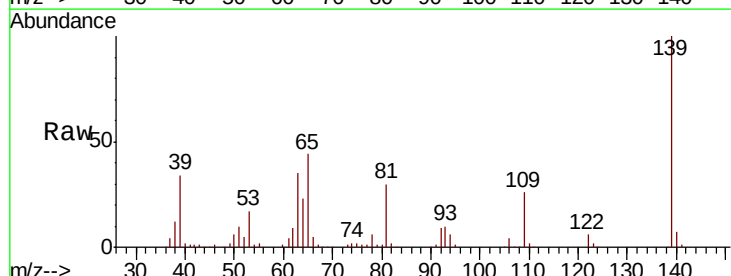
Tgt Ion: 139 Resp: 219550

Ion Ratio Lower Upper

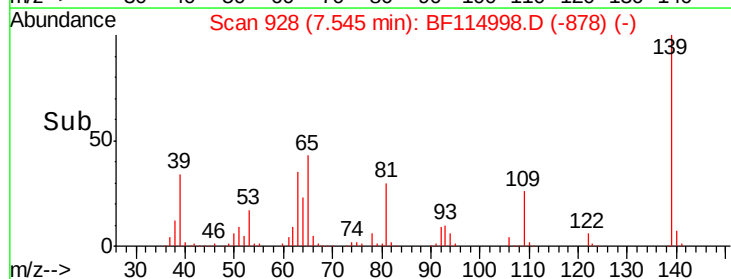
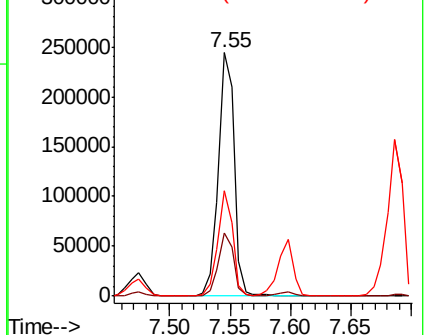
139 100

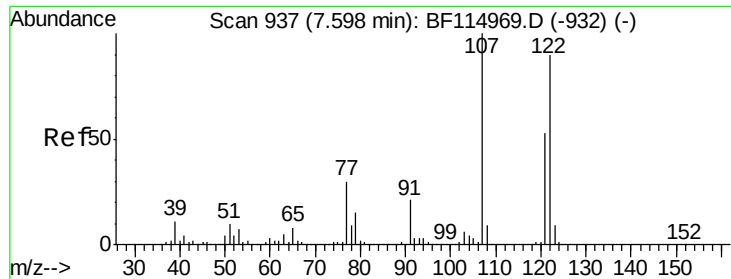
109 26.1 20.8 31.2

65 43.5 33.4 50.2



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

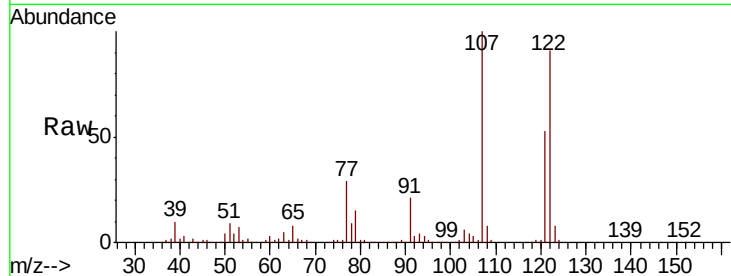




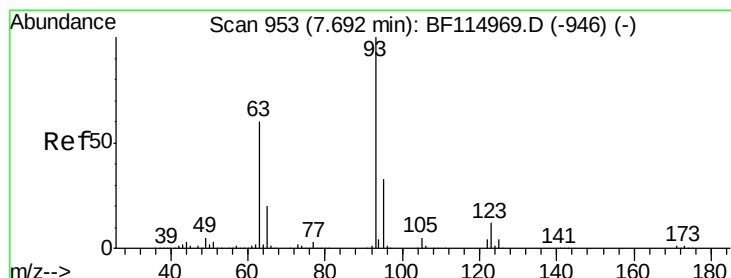
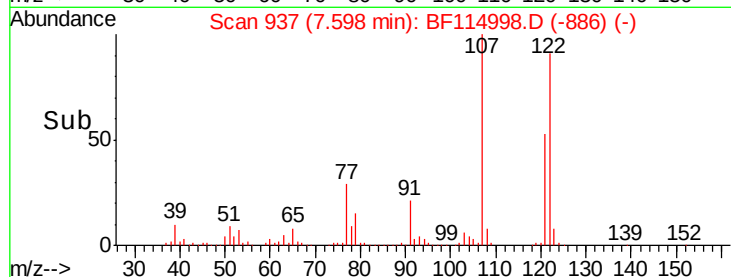
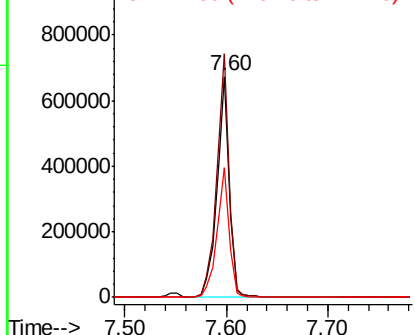
#27
2,4-Dimethylphenol
Concen: 40.097 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

Tot Ion:122 Resp: 566991
Ion Ratio Lower Upper
122 100
107 110.2 88.8 133.2
121 58.6 47.4 71.0

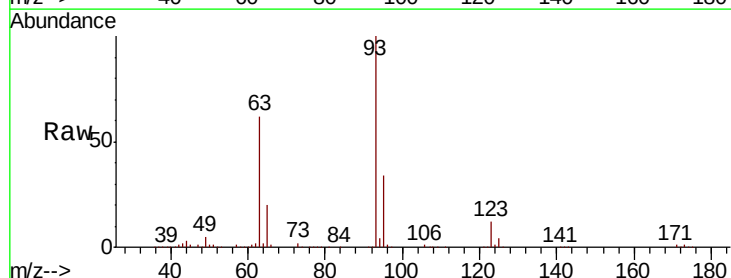


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

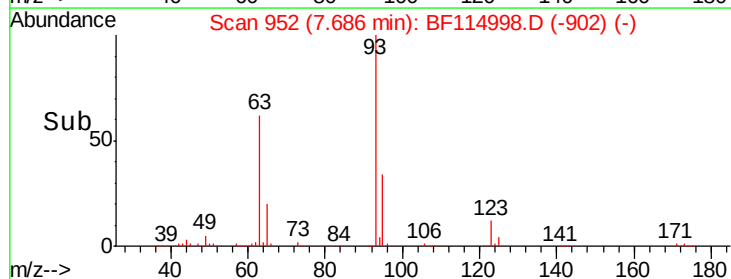
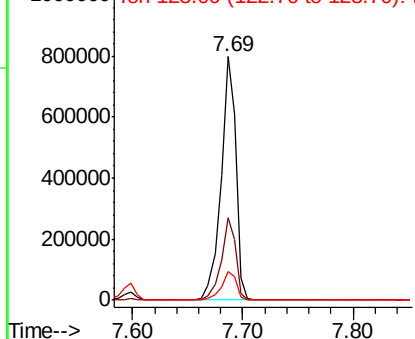


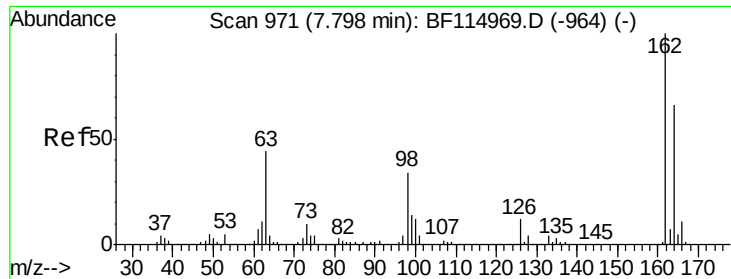
#28
bis(2-Chloroethoxy)methane
Concen: 35.992 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion: 93 Resp: 747533
Ion Ratio Lower Upper
93 100
95 33.6 26.6 40.0
123 11.7 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

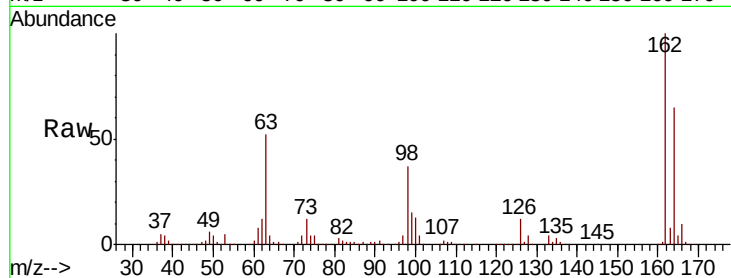




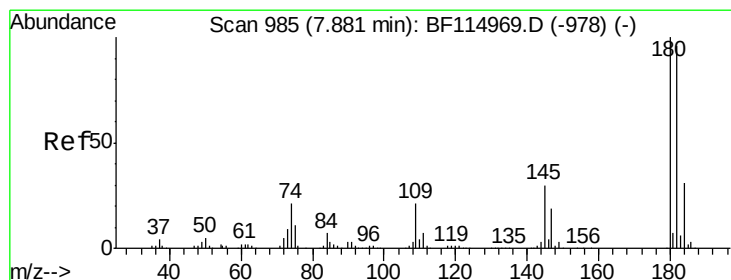
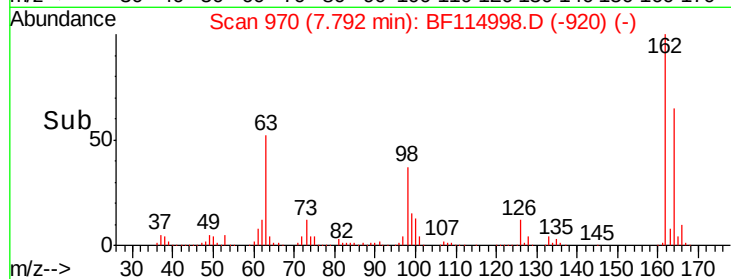
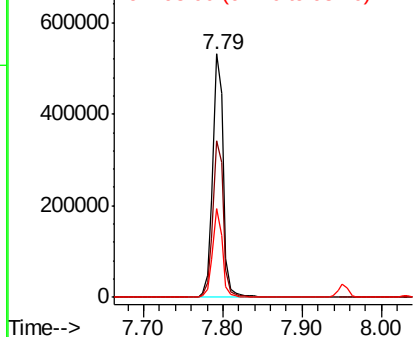
#29
2,4-Dichlorophenol
Concen: 32.850 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

Tot Ion:162 Resp: 490730
Ion Ratio Lower Upper
162 100
164 64.5 45.7 85.7
98 36.7 14.0 54.0

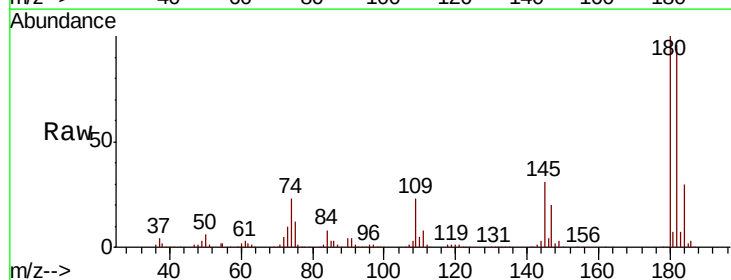


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

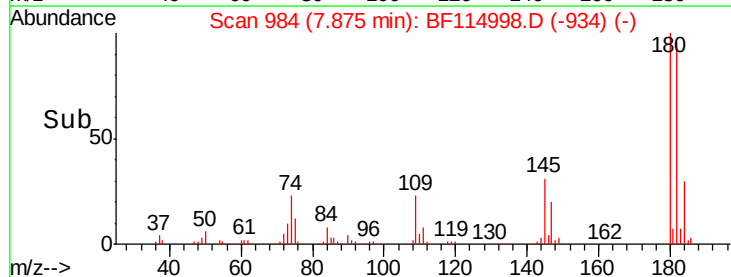
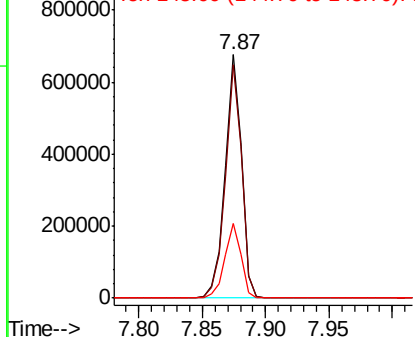


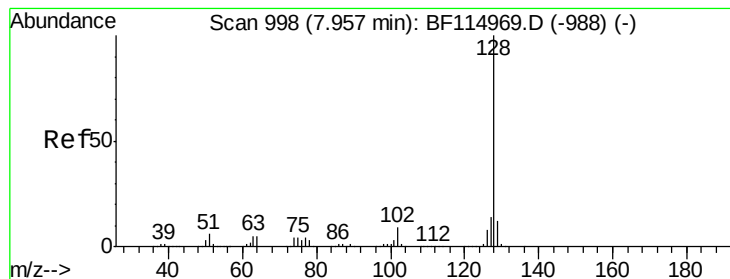
#30
1,2,4-Trichlorobenzene
Concen: 35.117 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:180 Resp: 606160
Ion Ratio Lower Upper
180 100
182 95.8 76.7 115.1
145 30.5 24.1 36.1



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: 36.961 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

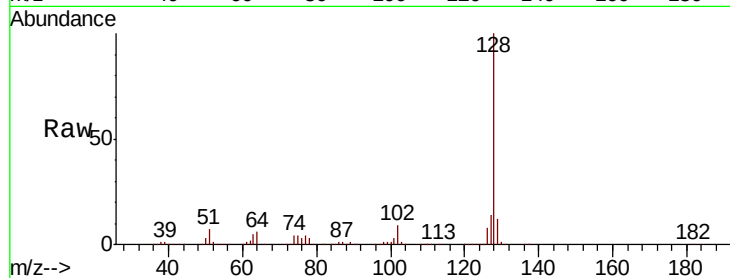
Tot Ion:128 Resp: 1819406

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

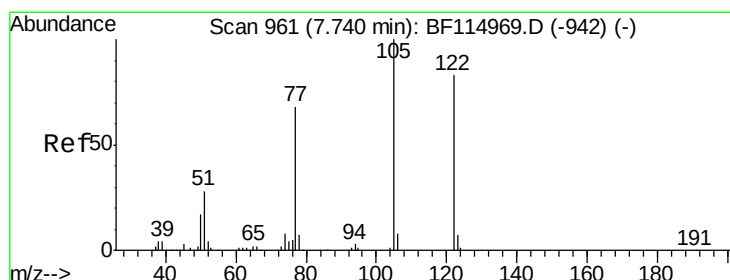
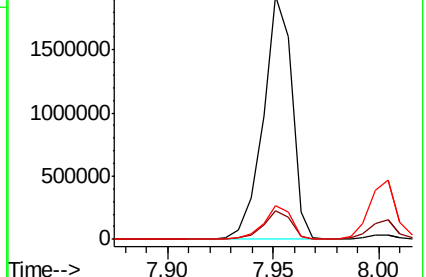
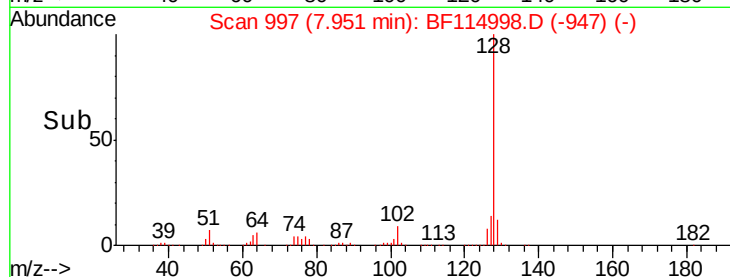
127 14.0 11.5 17.3



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: 55.417 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.14 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

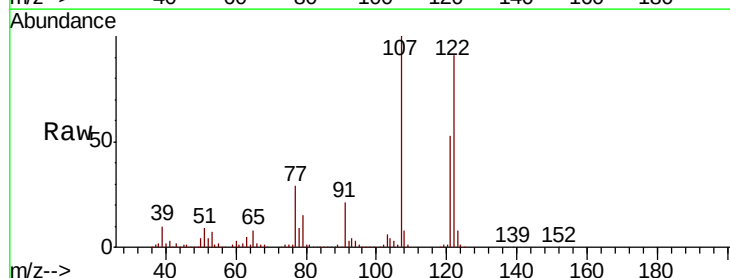
Tgt Ion:122 Resp: 566991

Ion Ratio Lower Upper

122 100

105 3.7 98.6 138.6#

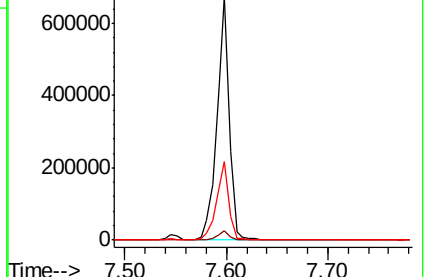
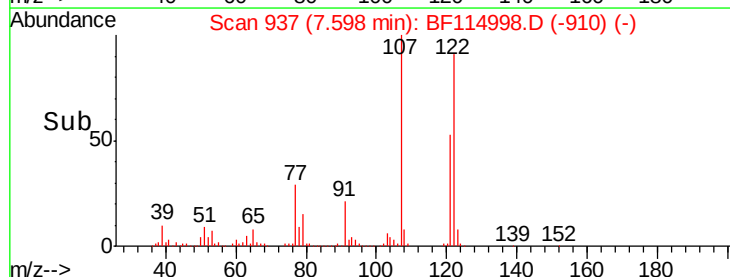
77 32.1 60.9 100.9#

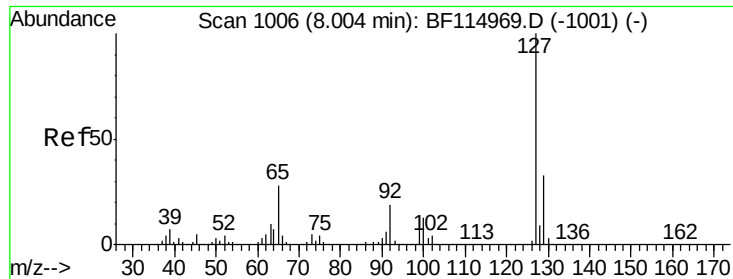


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

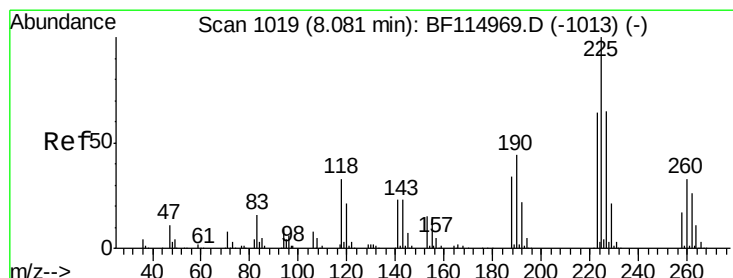
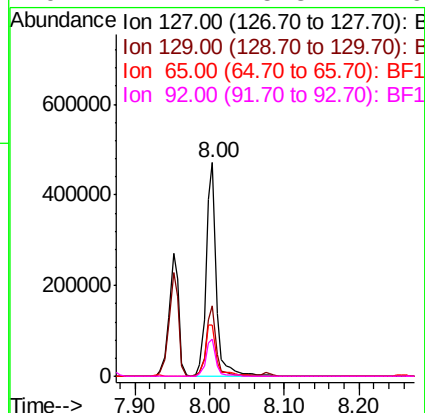
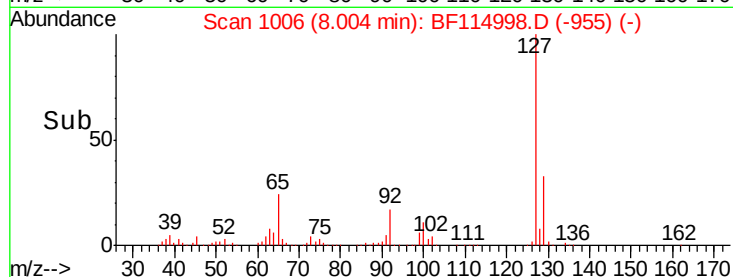
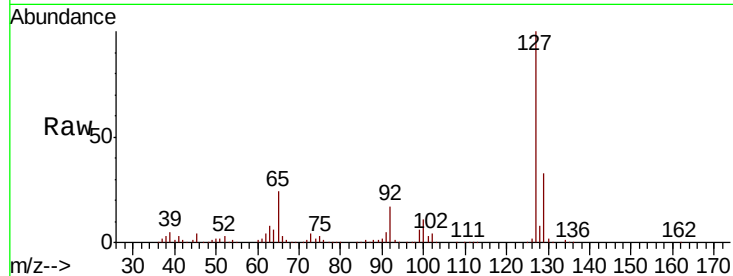




#33
4-Chloroaniline
Concen: 20.101 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

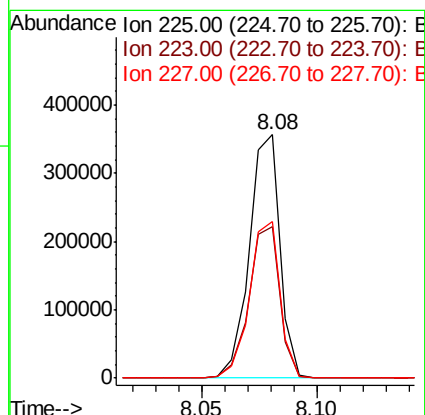
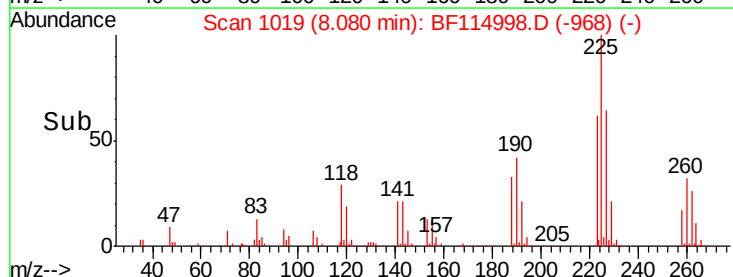
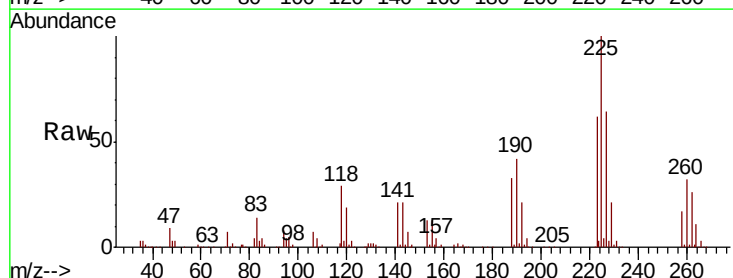
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

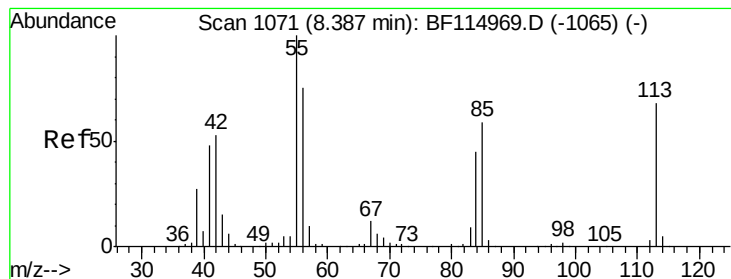
Tot Ion:	127	Resp:	456745
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	24.2	22.3	33.5
92	17.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 34.528 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:	225	Resp:	331273
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	64.4	51.7	77.5





#35

Caprolactam

Concen: 31.265 ng

RT: 8.36 min Scan# 1066

Delta R.T. -0.03 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

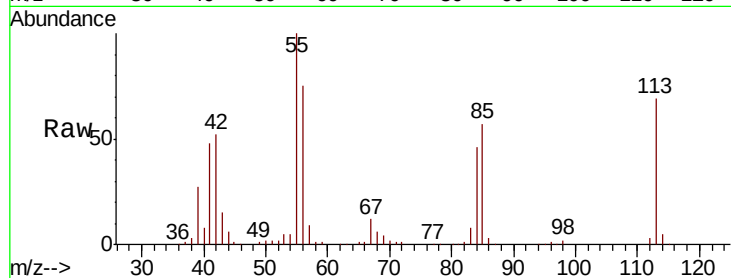
Tot Ion:113 Resp: 155556

Ion Ratio Lower Upper

113 100

55 145.1 127.3 167.3

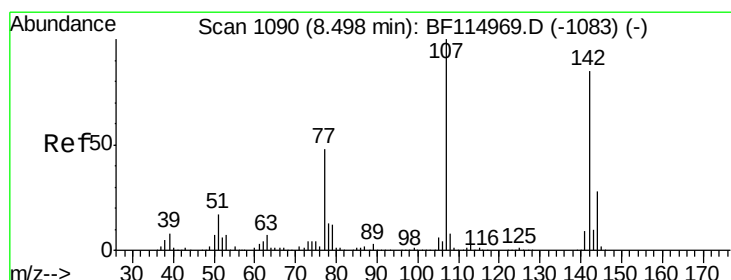
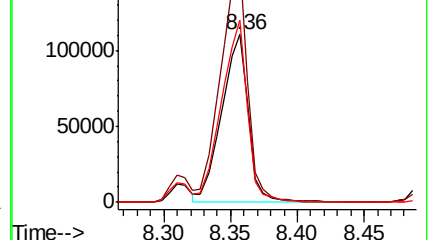
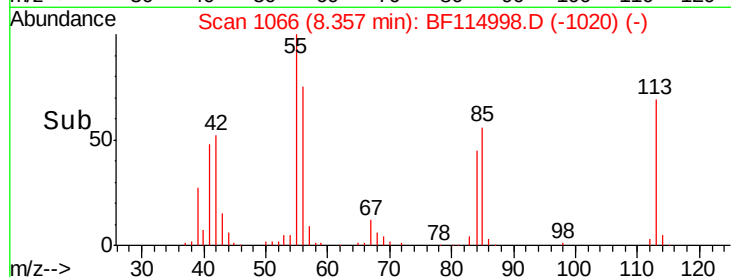
56 108.7 90.6 130.6



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: 35.828 ng

RT: 8.49 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

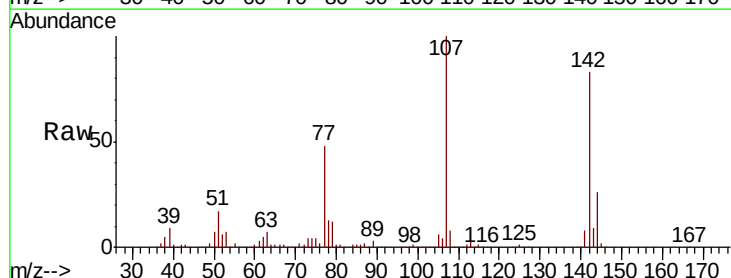
Tgt Ion:107 Resp: 539357

Ion Ratio Lower Upper

107 100

144 26.4 22.0 33.0

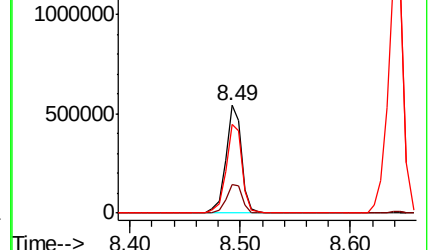
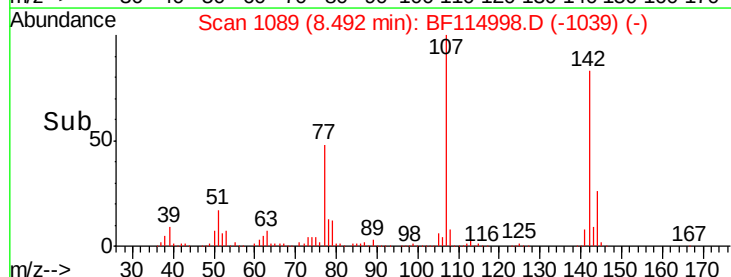
142 82.9 68.2 102.4

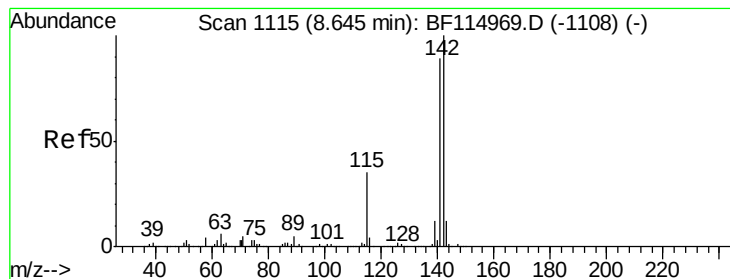


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.088 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

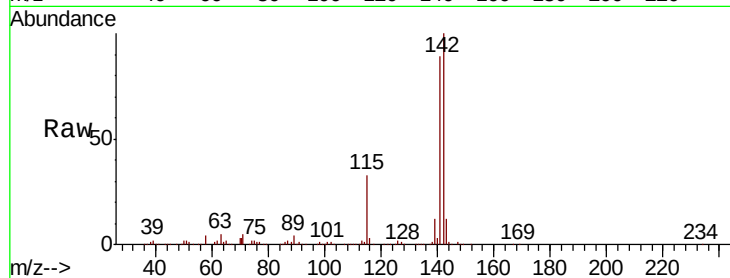
Tot Ion:142 Resp: 1217663

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6

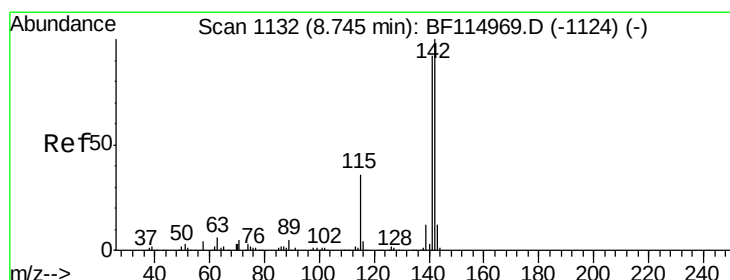
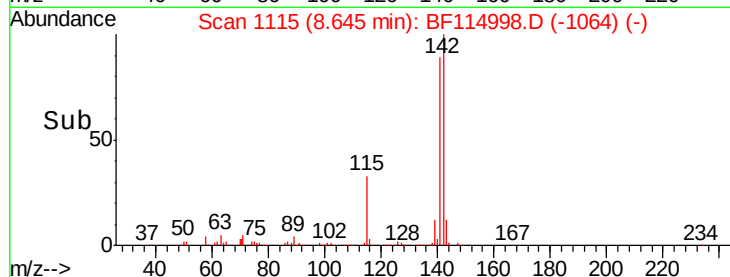
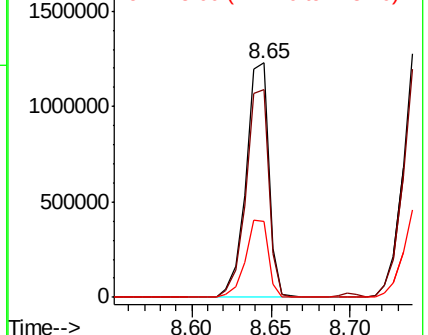
115 32.5 27.9 41.9



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: 36.782 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

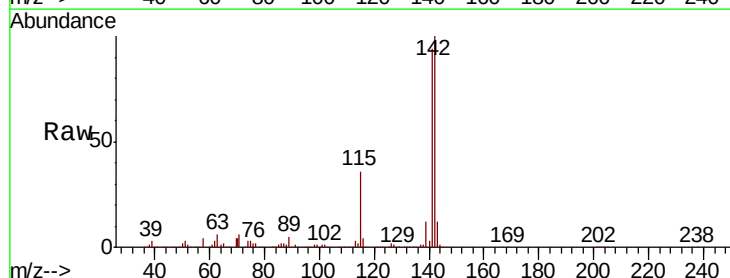
Tgt Ion:142 Resp: 1141370

Ion Ratio Lower Upper

142 100

141 93.7 73.8 110.8

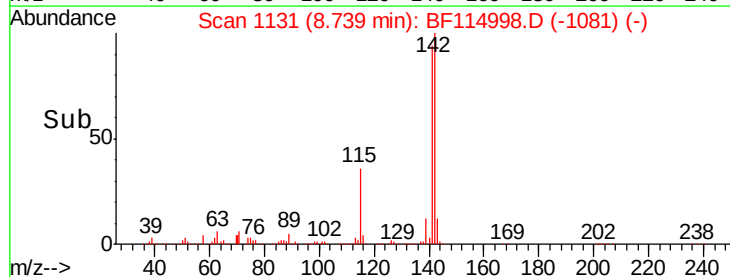
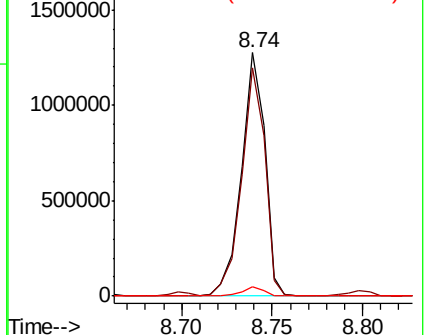
116 3.8 2.9 4.3

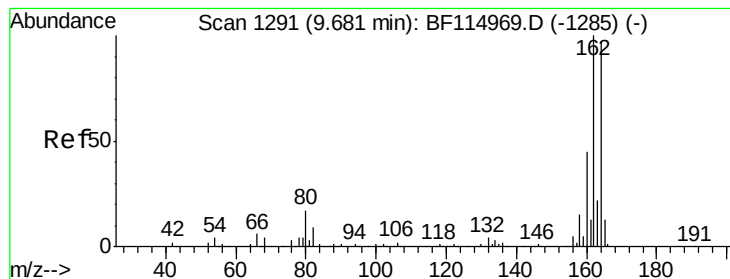


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

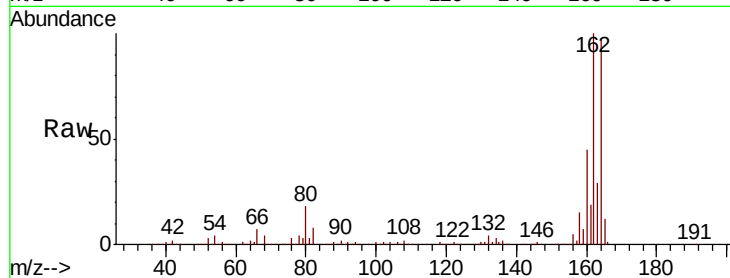
Tot Ion:164 Resp: 477392

Ion Ratio Lower Upper

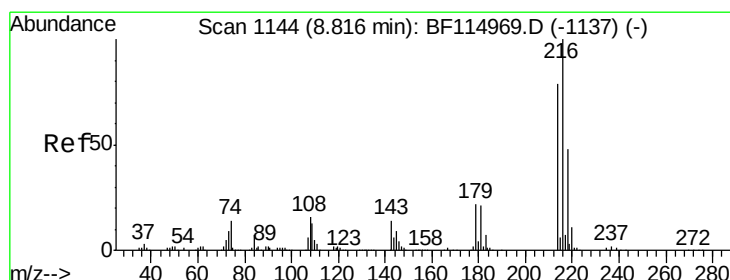
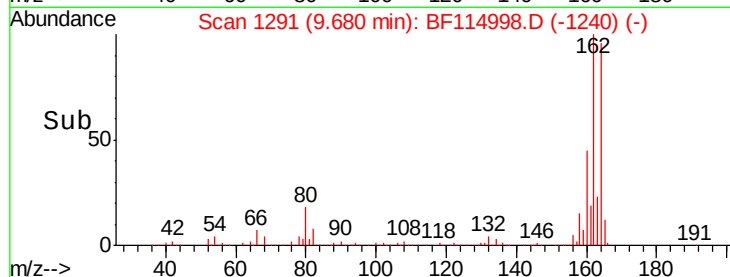
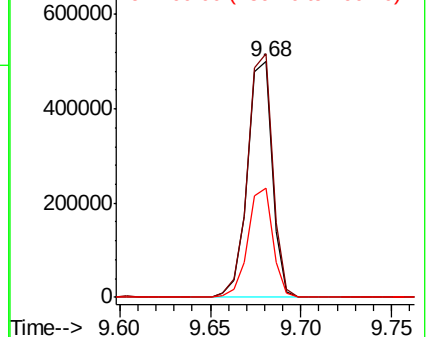
164 100

162 103.4 82.6 124.0

160 46.1 36.9 55.3



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: 38.569 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Tgt Ion:216 Resp: 543973

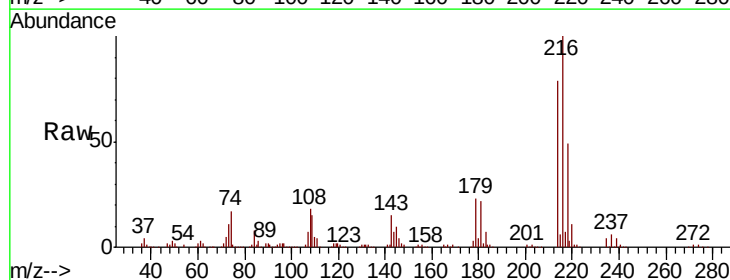
Ion Ratio Lower Upper

216 100

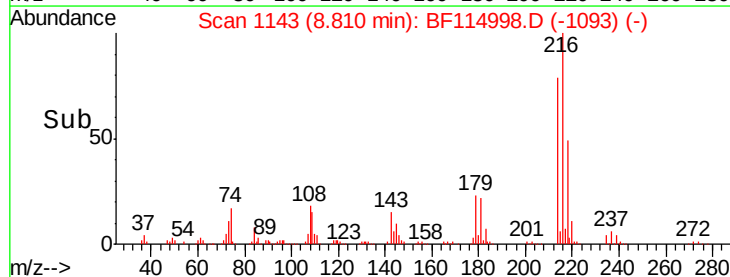
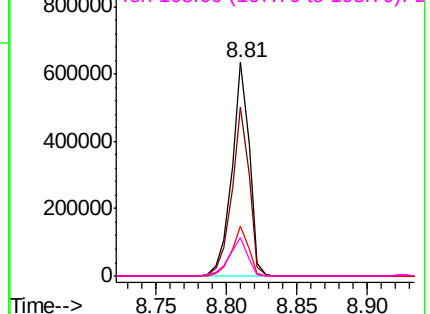
214 78.5 63.7 95.5

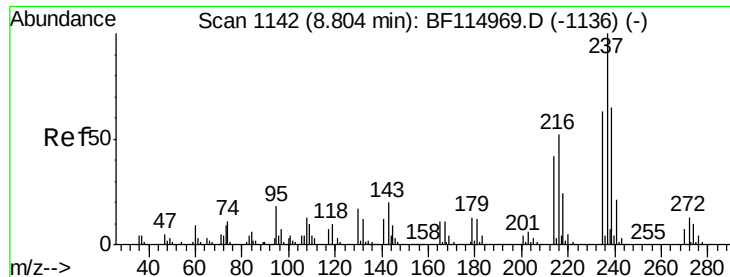
179 22.7 18.2 27.4

108 18.8 15.0 22.6



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: 31.487 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

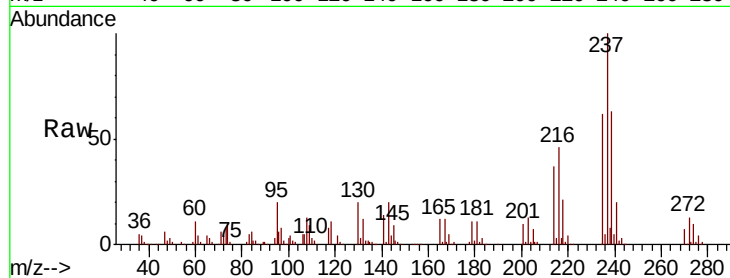
Tot Ion:237 Resp: 218829

Ion Ratio Lower Upper

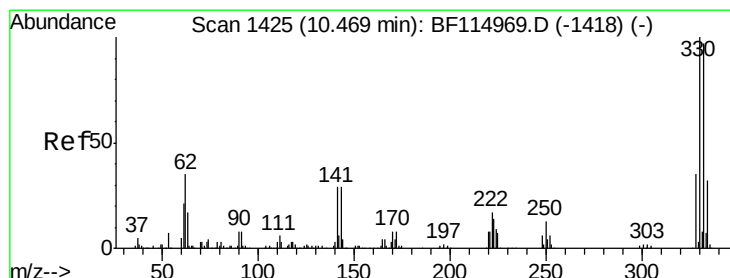
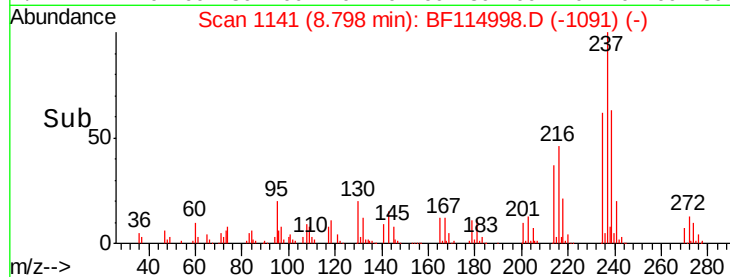
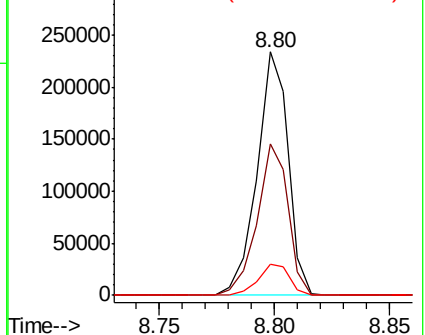
237 100

235 62.4 42.7 82.7

272 12.6 0.0 32.7



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: 58.578 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

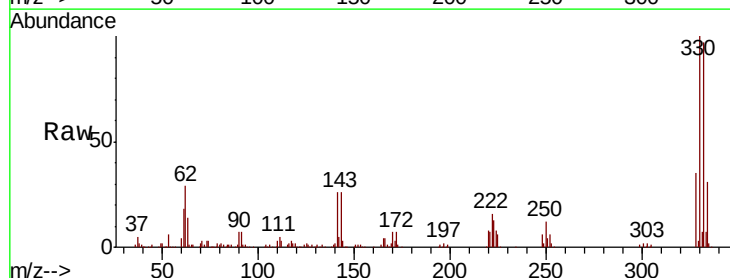
Tgt Ion:330 Resp: 299465

Ion Ratio Lower Upper

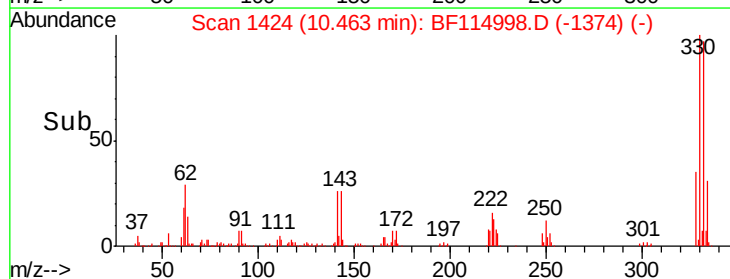
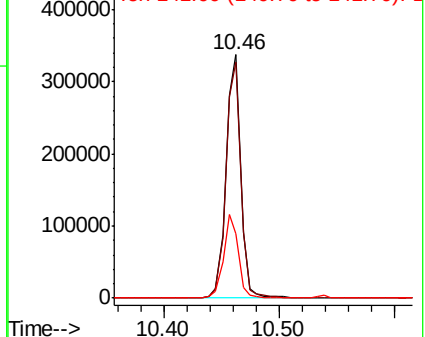
330 100

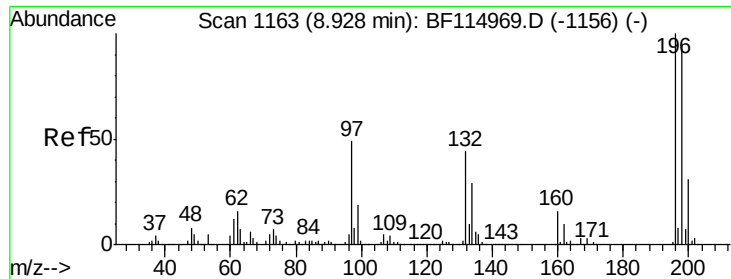
332 97.9 77.6 116.4

141 34.1 27.2 40.8



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

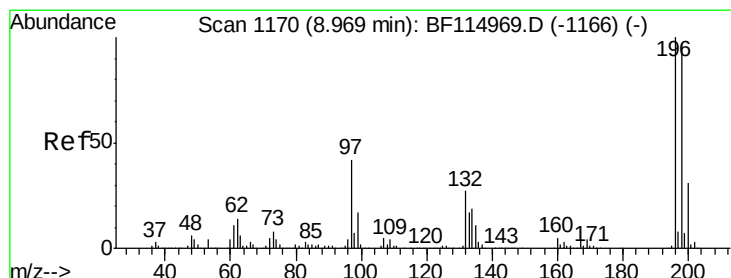
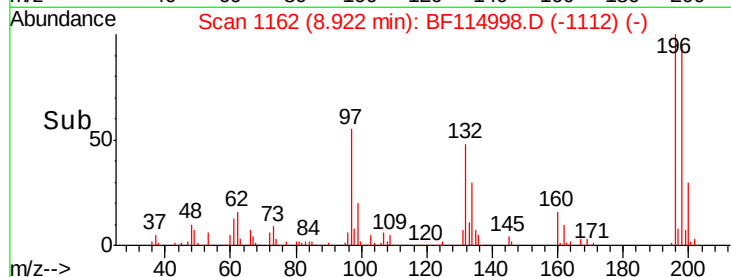
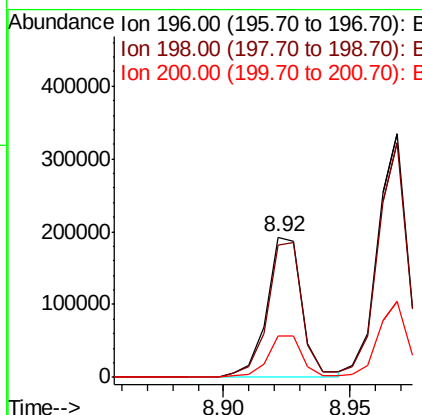
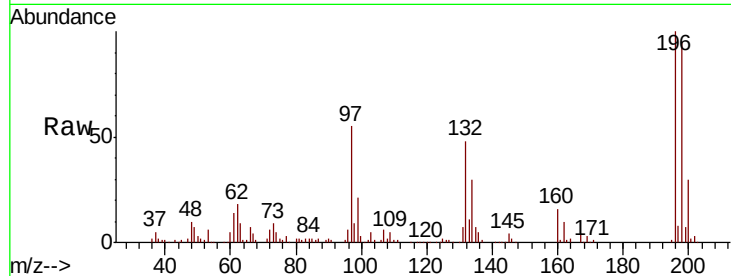




#43
 2,4,6-Trichlorophenol
 Concen: 17.853 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF114998.D
 Acq: 13 Jun 2019 12:58

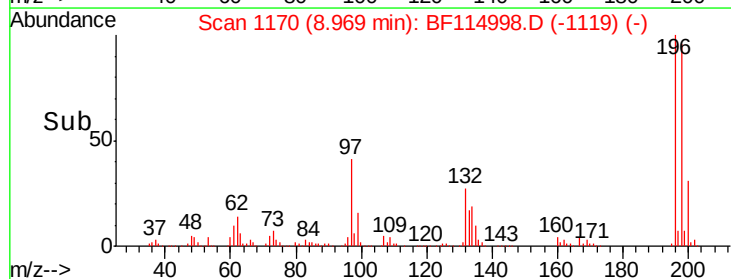
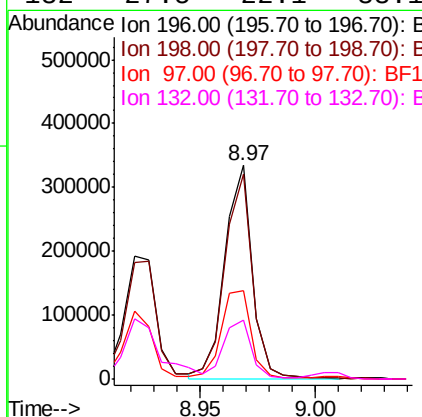
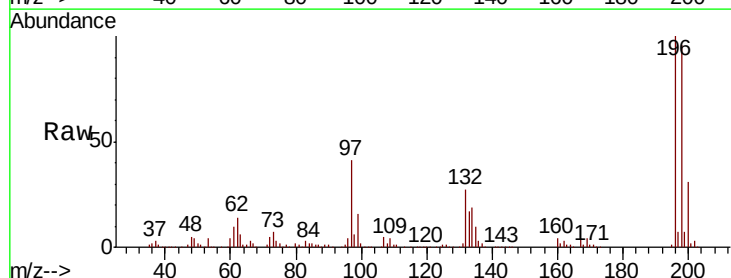
Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MS

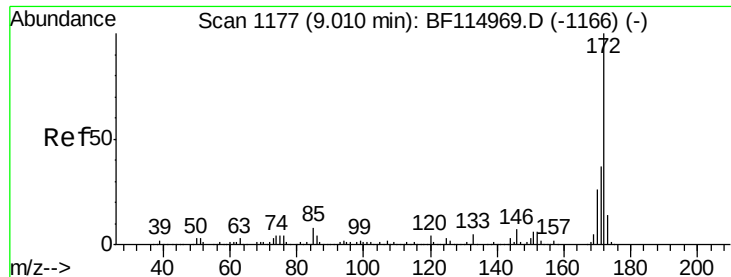
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.8	113.8
200	29.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 25.920 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF114998.D
 Acq: 13 Jun 2019 12:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.3	115.9
97	41.1	34.2	51.4
132	27.5	22.1	33.1





#45

2-Fluorobiphenyl

Concen: 76.856 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

Tot Ion:172 Resp: 2164841

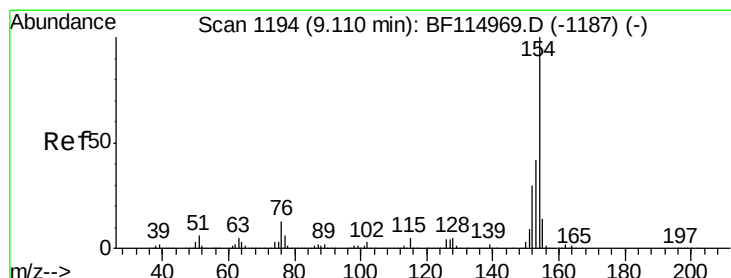
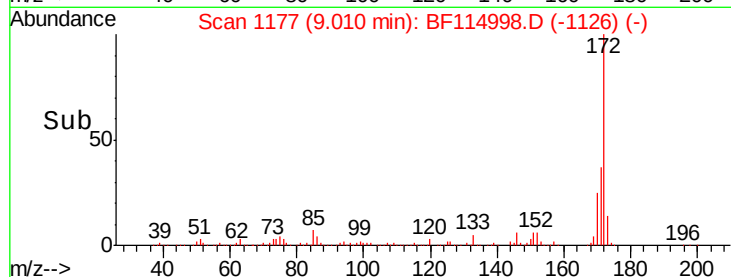
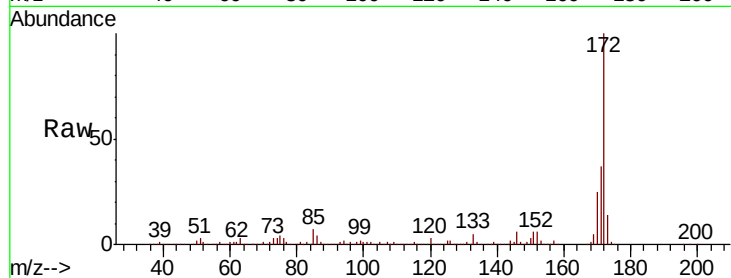
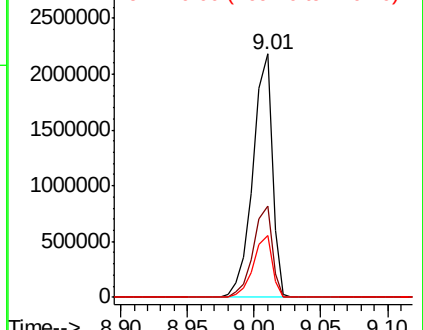
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.3	20.6	31.0

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: 37.078 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Tgt Ion:154 Resp: 1418438

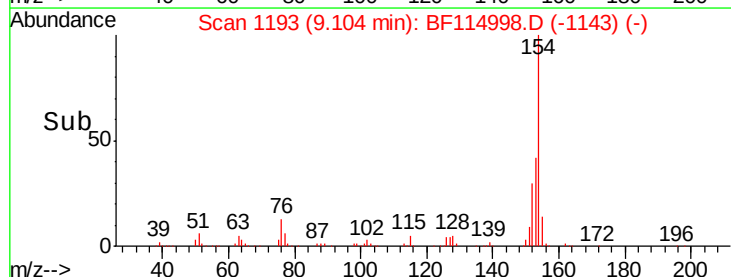
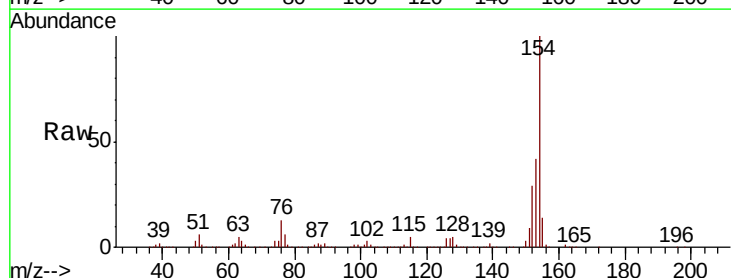
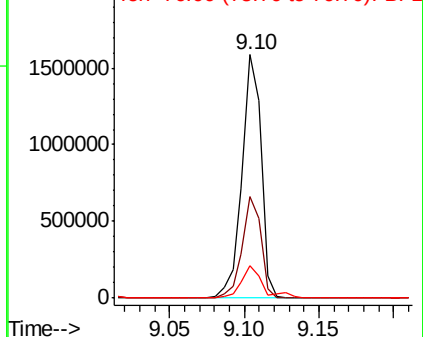
Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.4	62.4
76	13.4	0.0	33.3

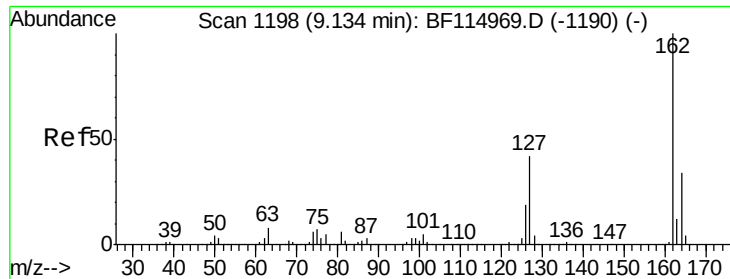
Abundance

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

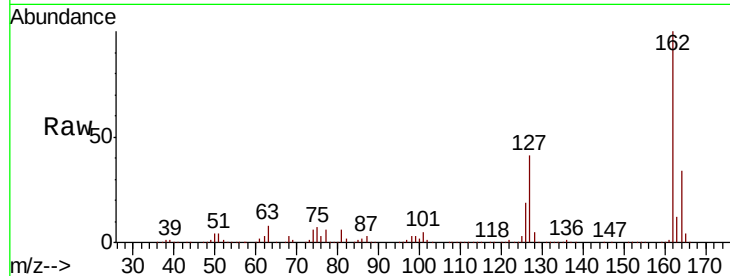




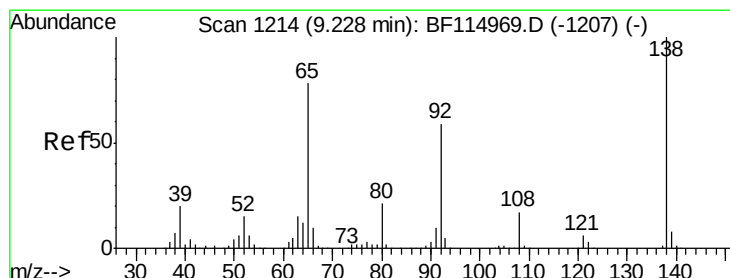
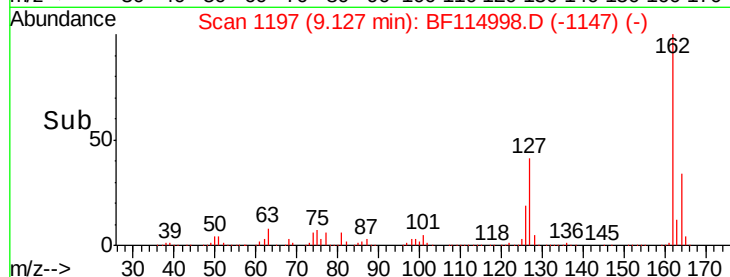
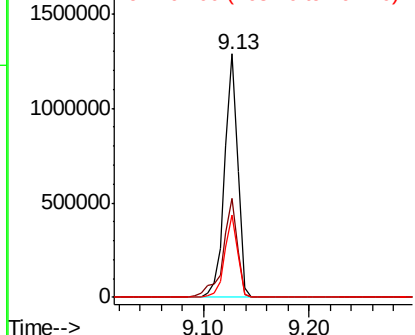
#47
 2-Chloronaphthalene
 Concen: 36.315 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF114998.D
 Acq: 13 Jun 2019 12:58

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MS

Tot Ion:162 Resp: 1123428
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.4 50.2
 164 33.6 27.2 40.8

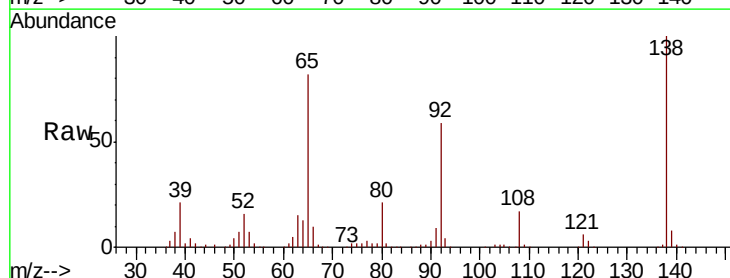


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

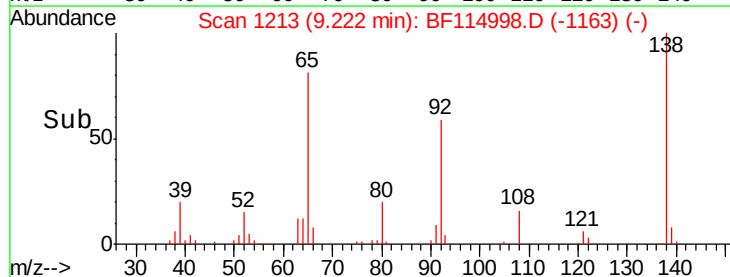
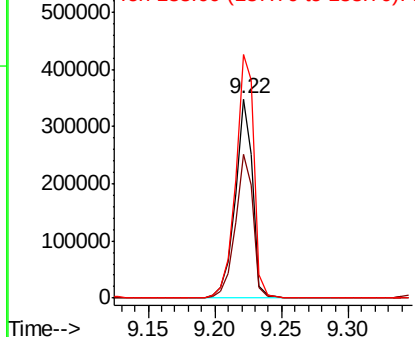


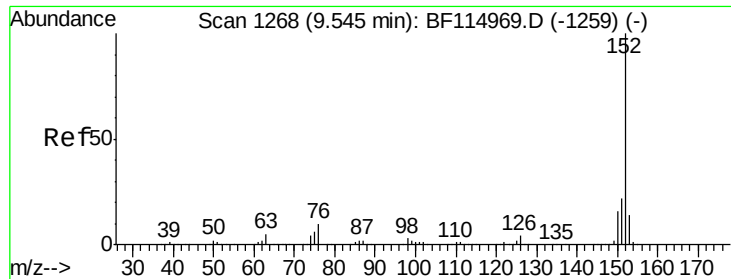
#48
 2-Nitroaniline
 Concen: 34.848 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF114998.D
 Acq: 13 Jun 2019 12:58

Tgt Ion: 65 Resp: 318635
 Ion Ratio Lower Upper
 65 100
 92 72.4 60.5 90.7
 138 122.1 102.0 153.0



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





#49

Acenaphthylene

Concen: 36.081 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

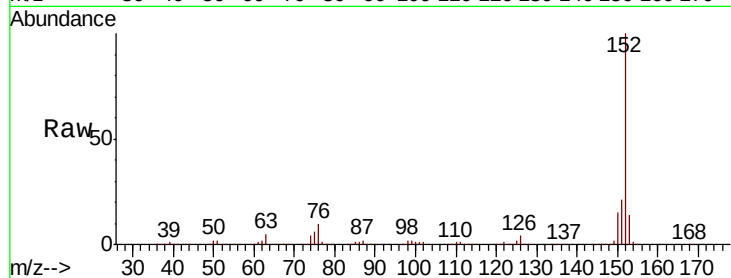
Tot Ion:152 Resp: 1716129

Ion Ratio Lower Upper

152 100

151 21.1 17.5 26.3

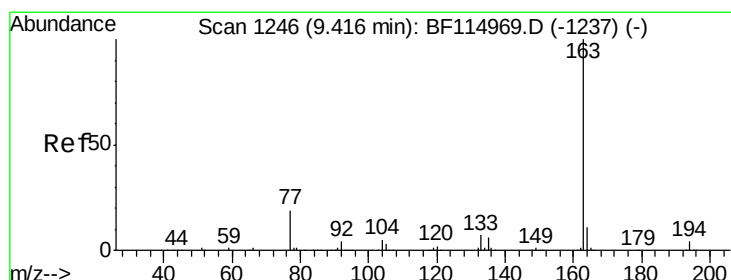
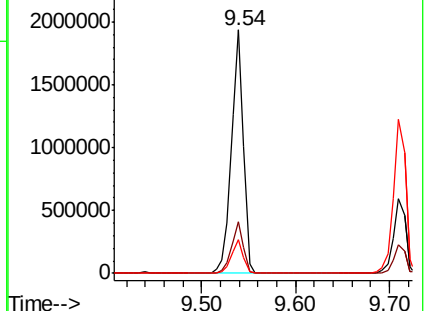
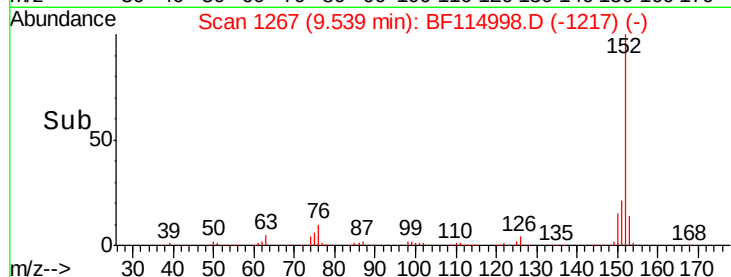
153 14.0 11.2 16.8



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: 47.995 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

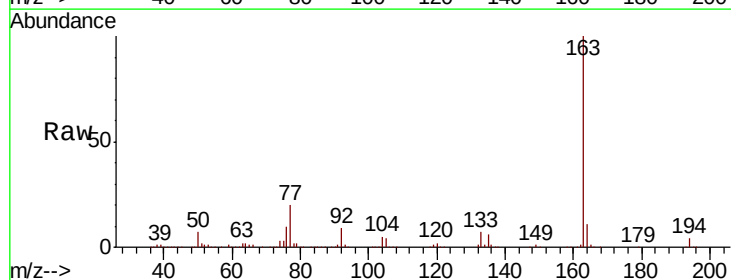
Tgt Ion:163 Resp: 1723111

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

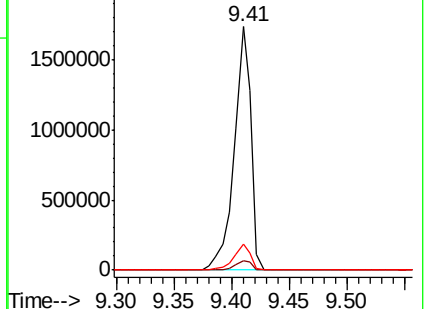
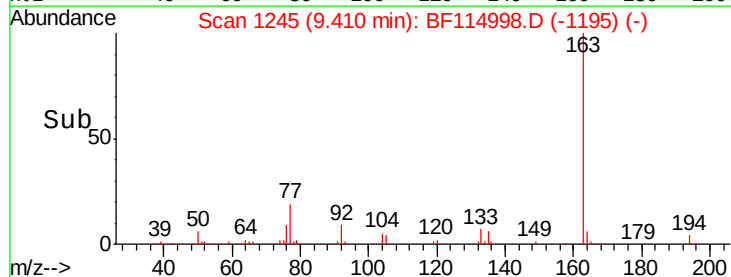
164 10.7 8.6 12.8

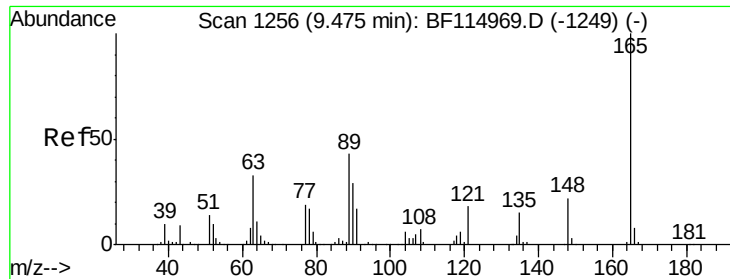


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.250 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

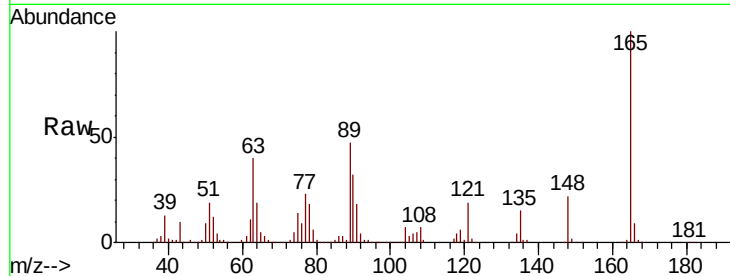
Tot Ion:165 Resp: 295217

Ion Ratio Lower Upper

165 100

63 40.3 30.6 46.0

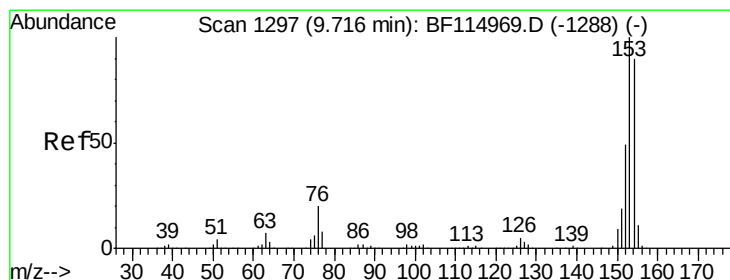
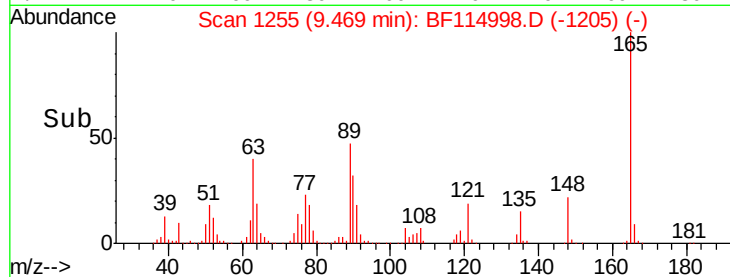
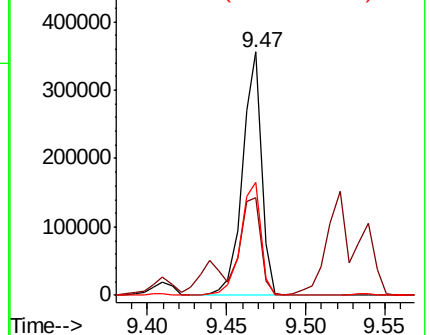
89 46.5 34.4 51.6



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: 36.183 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

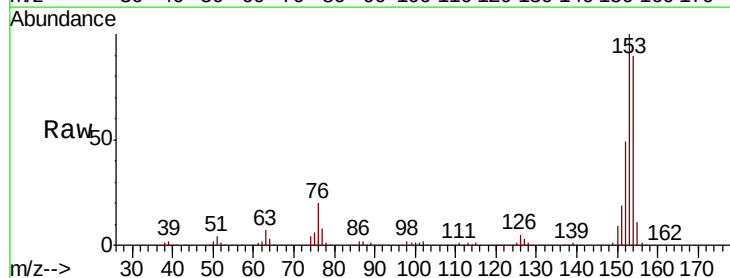
Tgt Ion:154 Resp: 984618

Ion Ratio Lower Upper

154 100

153 111.4 88.5 132.7

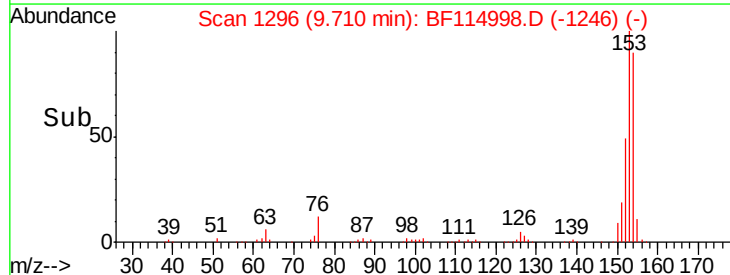
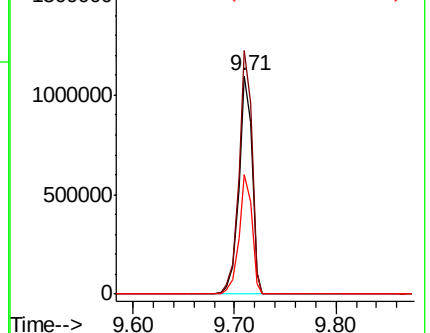
152 54.5 43.6 65.4

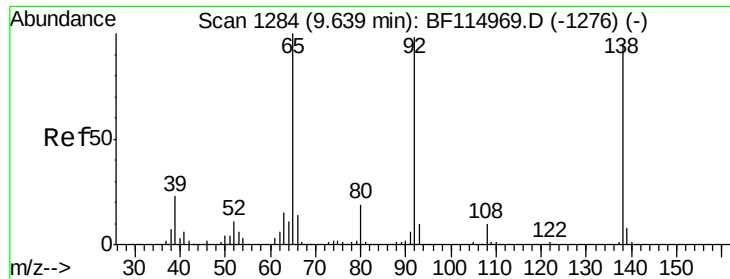


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.130 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

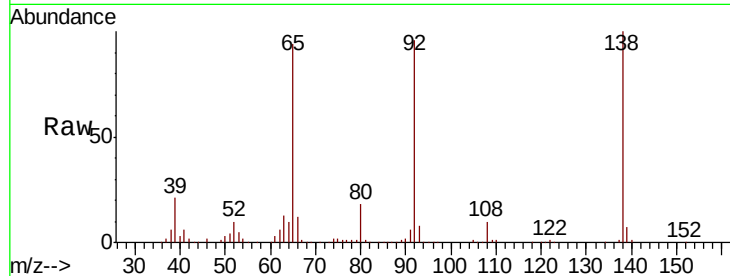
Tot Ion:138 Resp: 280679

Ion Ratio Lower Upper

138 100

108 9.6 8.0 12.0

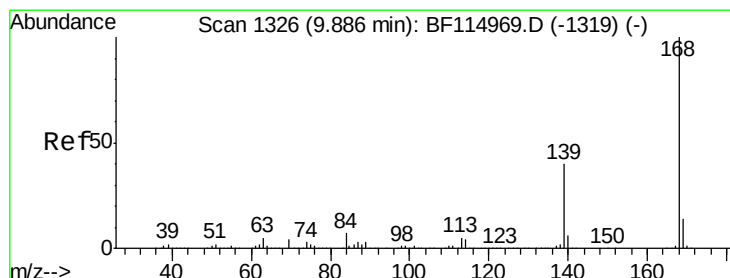
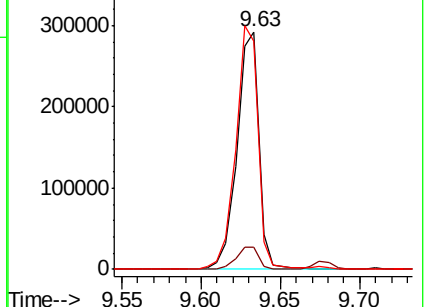
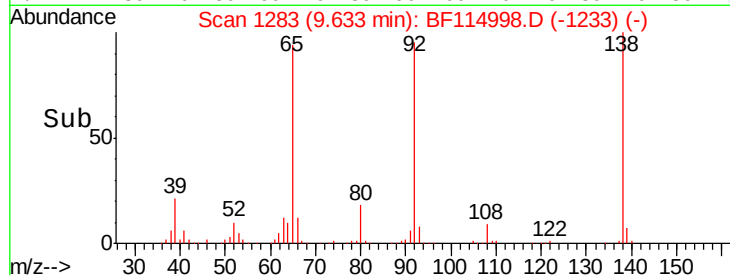
92 95.9 82.4 123.6



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



#55

Dibenzofuran

Concen: 36.083 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

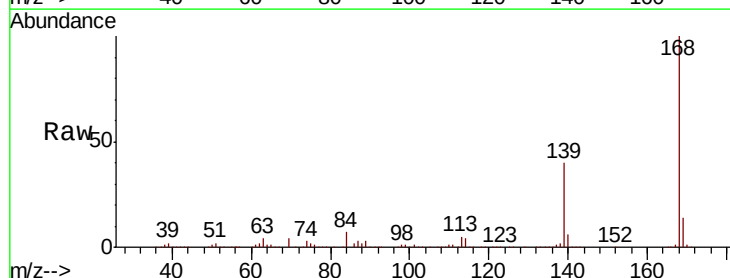
Tgt Ion:168 Resp: 1479860

Ion Ratio Lower Upper

168 100

139 39.8 32.5 48.7

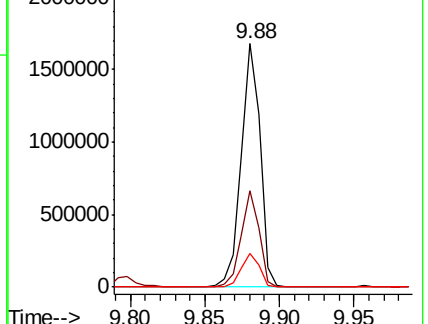
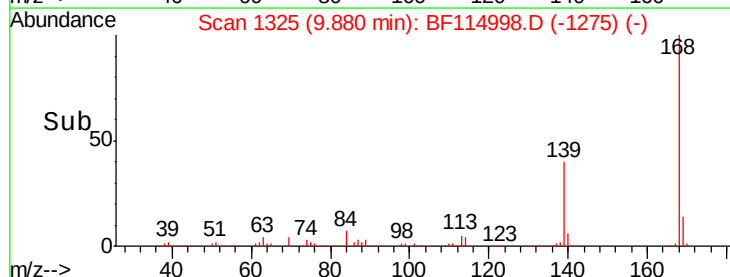
169 13.9 11.5 17.3

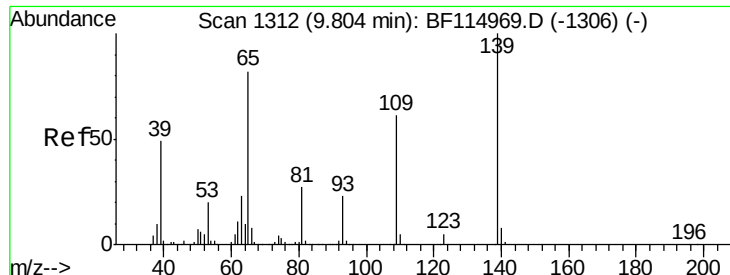


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 11.416 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

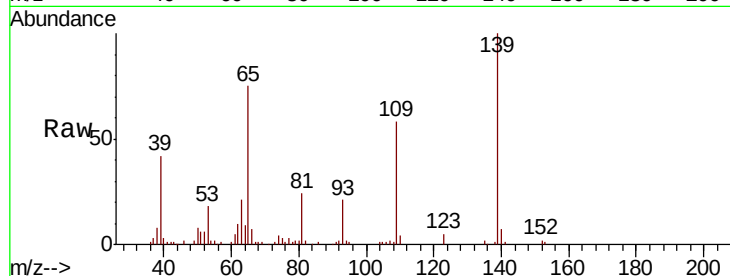
Tot Ion:139 Resp: 78550

Ion Ratio Lower Upper

139 100

109 57.9 41.4 81.4

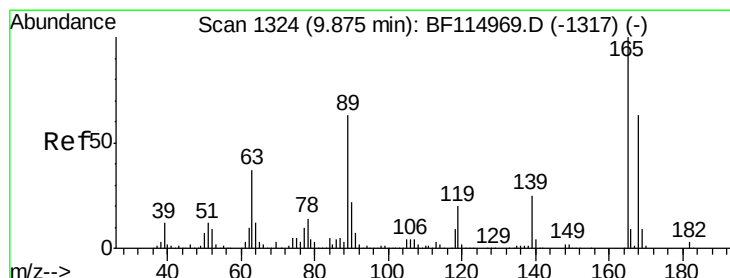
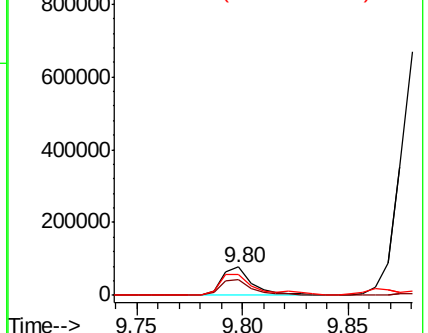
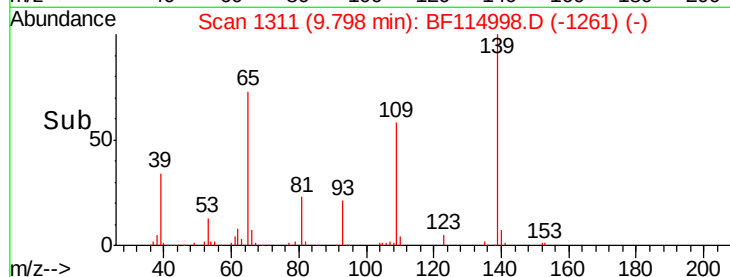
65 74.6 62.7 102.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 35.399 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Tgt Ion:165 Resp: 366929

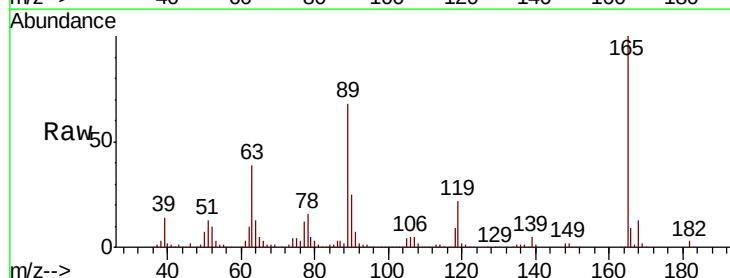
Ion Ratio Lower Upper

165 100

63 38.7 29.4 44.2

89 67.8 50.6 75.8

182 2.6 2.2 3.2

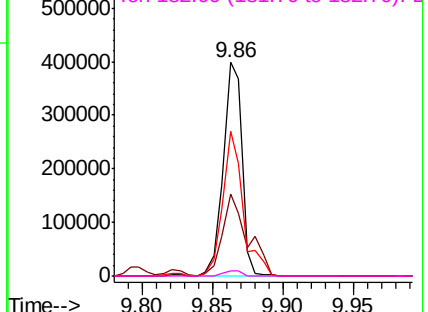
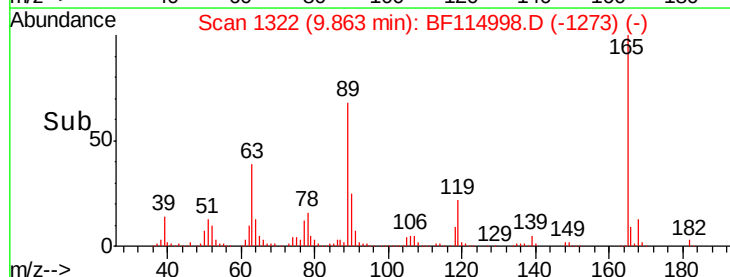


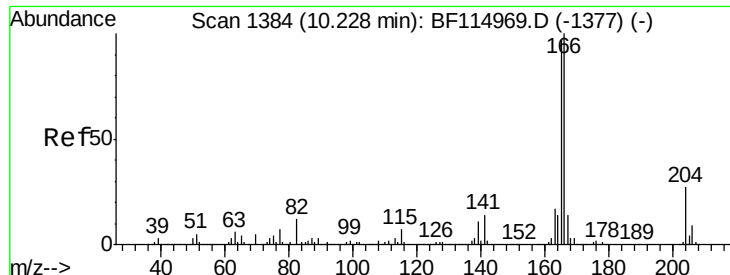
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 35.358 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

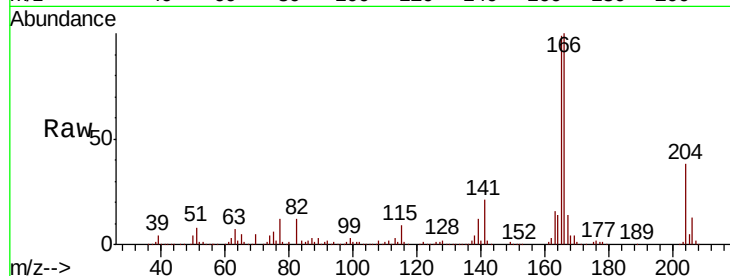
Tot Ion:166 Resp: 1013871

Ion Ratio Lower Upper

166 100

165 99.2 77.6 116.4

167 14.0 11.0 16.4

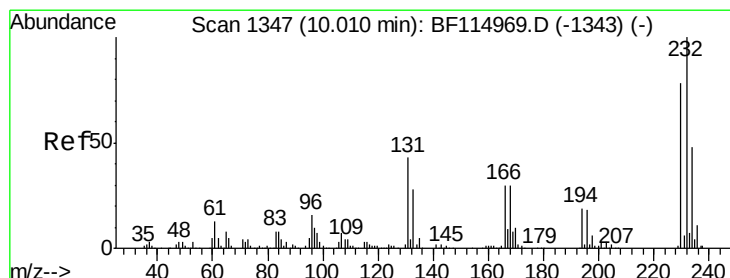
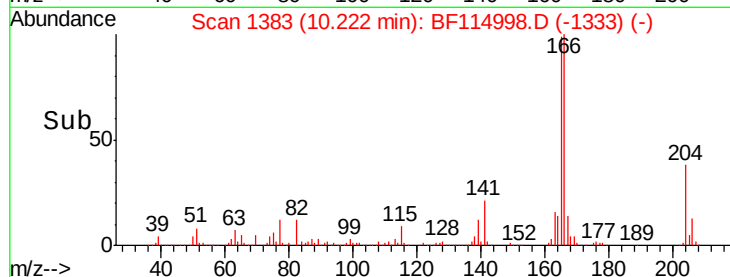
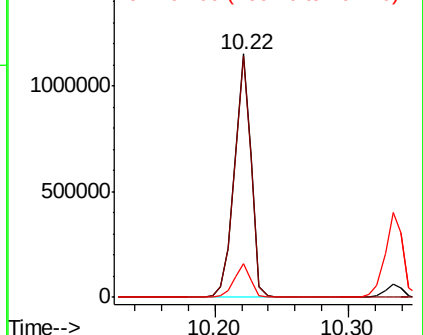


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 6.405 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Tgt Ion:232 Resp: 55077

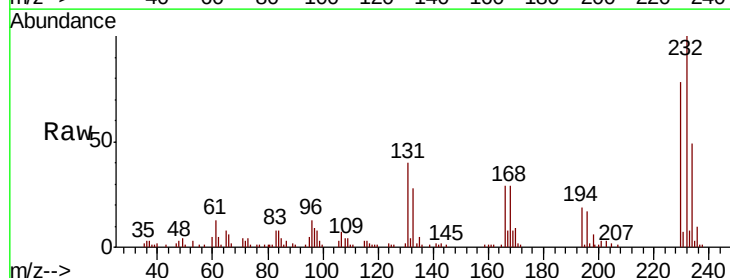
Ion Ratio Lower Upper

232 100

131 46.3 36.9 55.3

130 2.1 1.8 2.6

166 0.0 24.8 37.2#



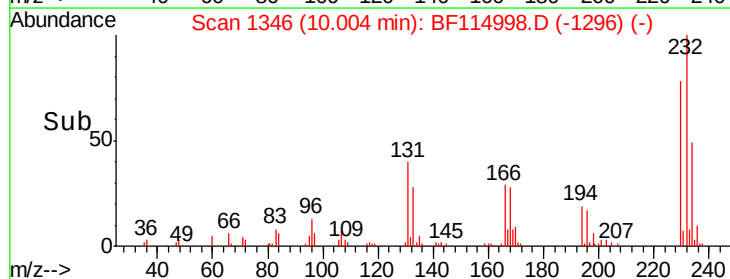
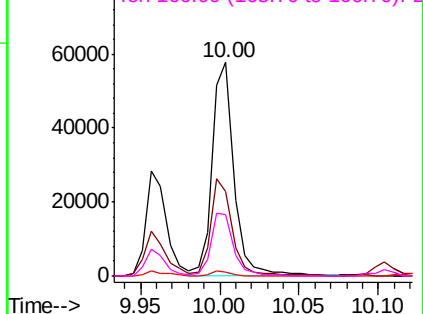
Abundance

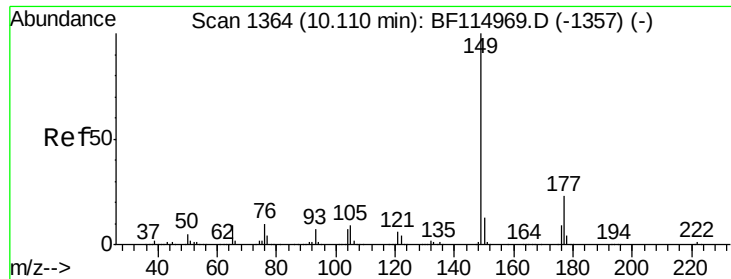
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

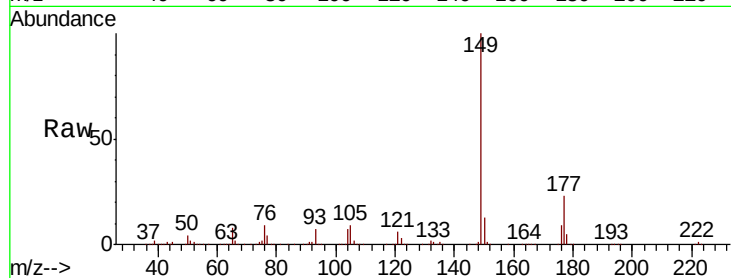




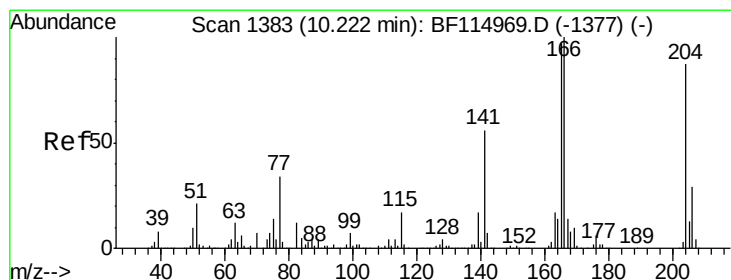
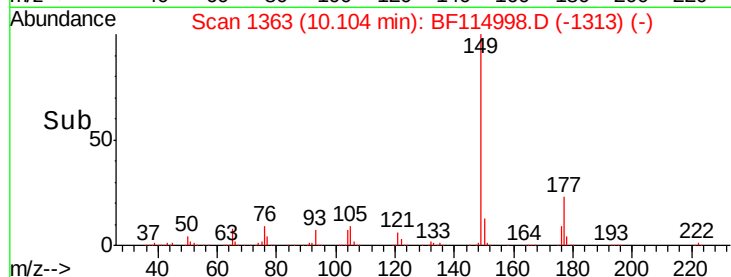
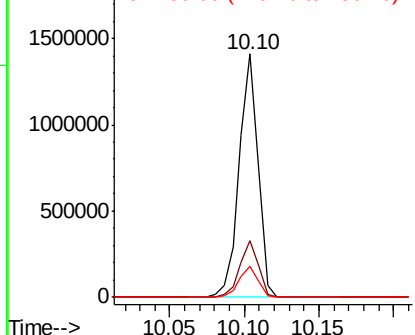
#60
Diethylphthalate
Concen: 36.325 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

Tot Ion:149 Resp: 1246954
Ion Ratio Lower Upper
149 100
177 23.1 18.6 27.8
150 12.9 10.5 15.7

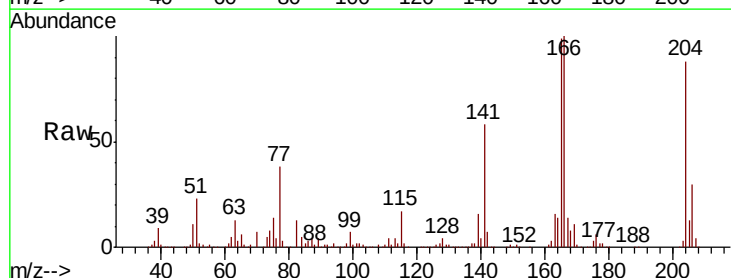


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

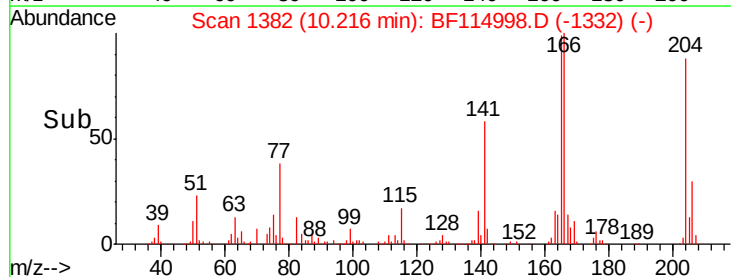
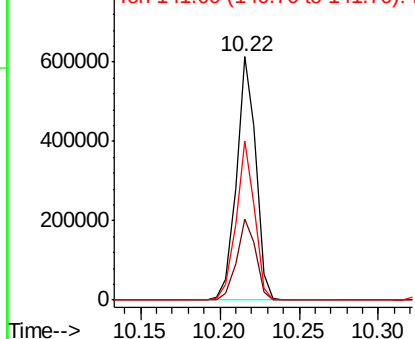


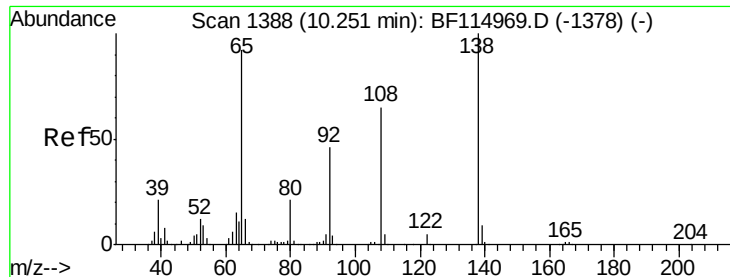
#61
4-Chlorophenyl-phenylether
Concen: 36.956 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:204 Resp: 519105
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 65.1 51.8 77.8



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

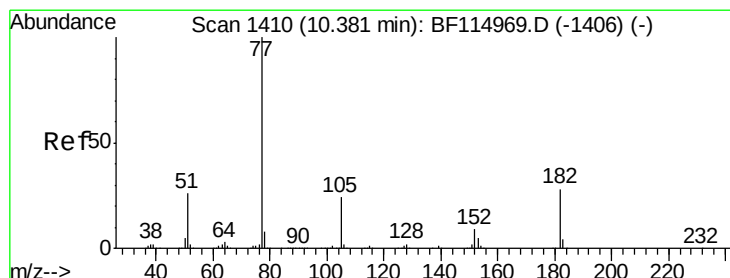
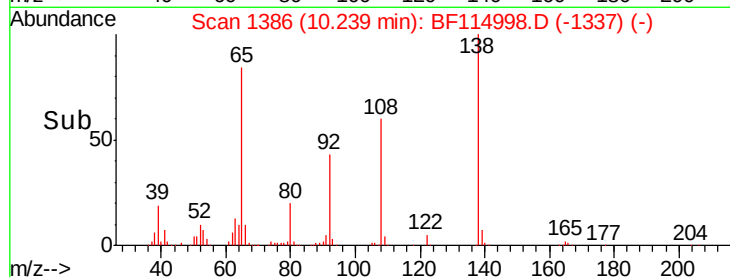
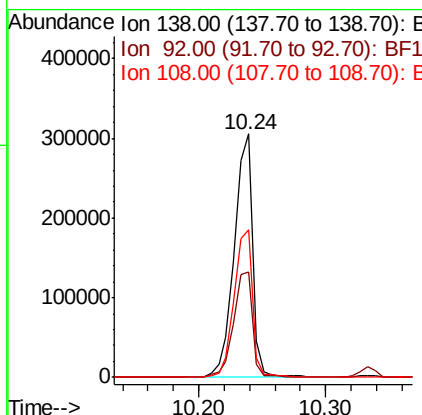
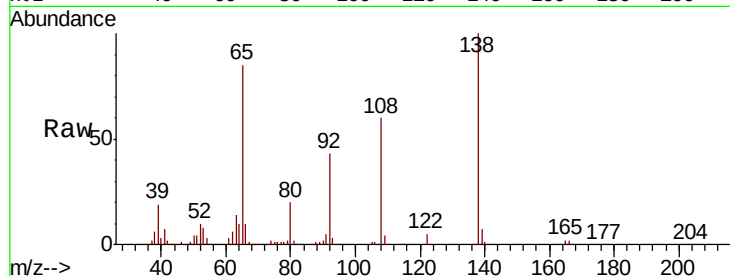




#62
4-Nitroaniline
Concen: 30.459 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

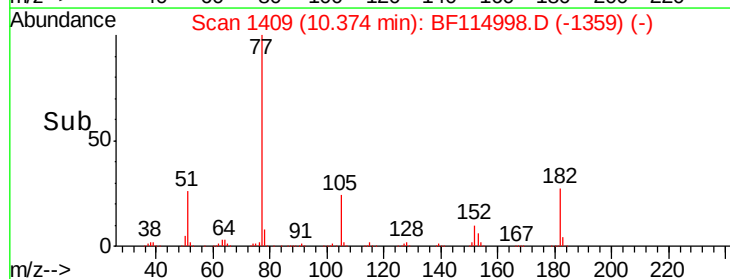
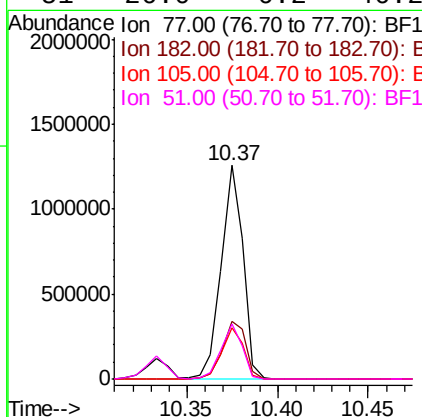
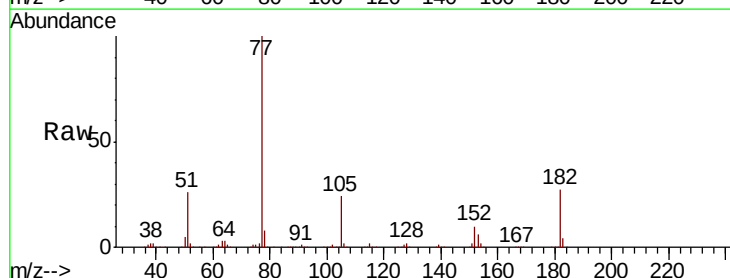
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

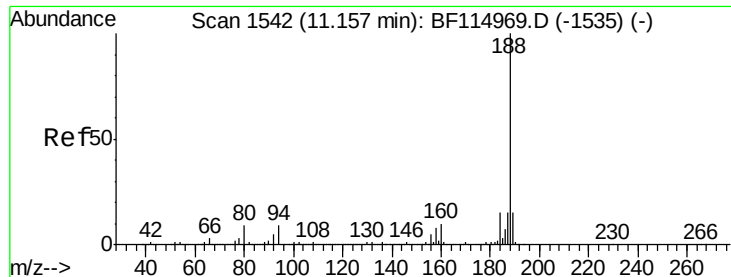
Tot Ion:138 Resp: 305575
Ion Ratio Lower Upper
138 100
92 43.3 25.7 65.7
108 60.5 44.6 84.6



#63
Azobenzene
Concen: 35.031 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion: 77 Resp: 1052043
Ion Ratio Lower Upper
77 100
182 27.2 7.4 47.4
105 23.8 4.2 44.2
51 26.0 6.2 46.2

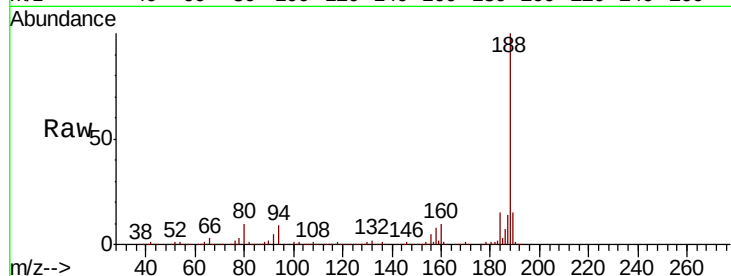




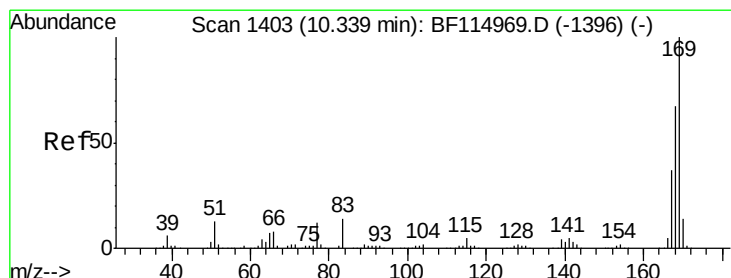
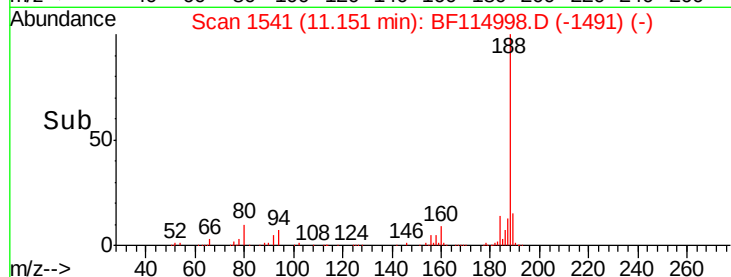
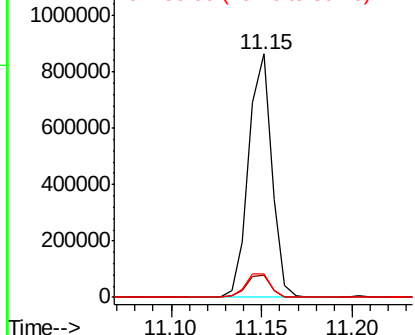
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

Tot Ion:188 Resp: 772934
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.8 7.4 11.2

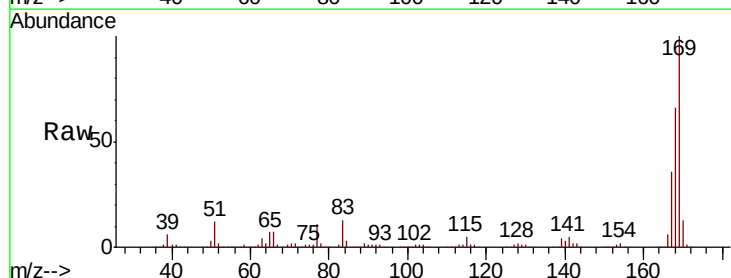


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

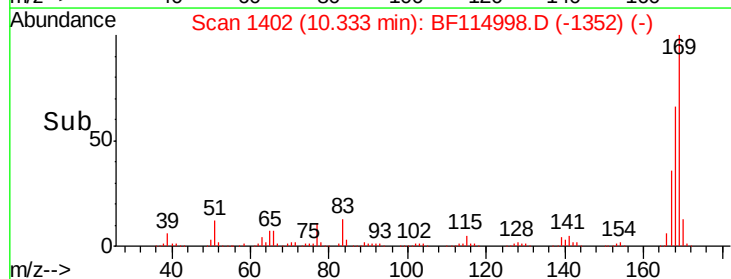
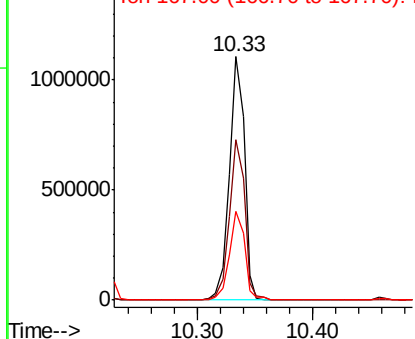


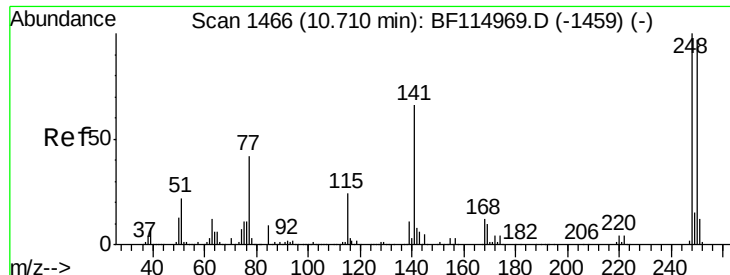
#66
n-Nitrosodiphenylamine
Concen: 43.404 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:169 Resp: 1002813
Ion Ratio Lower Upper
169 100
168 66.0 53.6 80.4
167 36.4 29.6 44.4



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

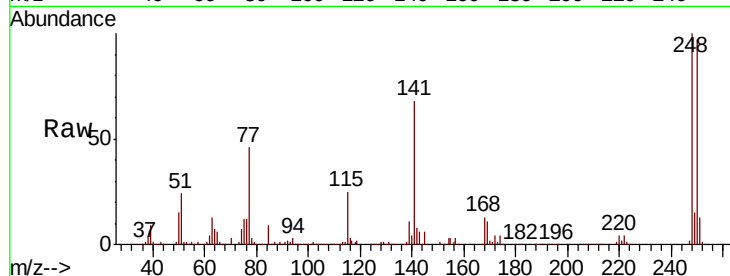




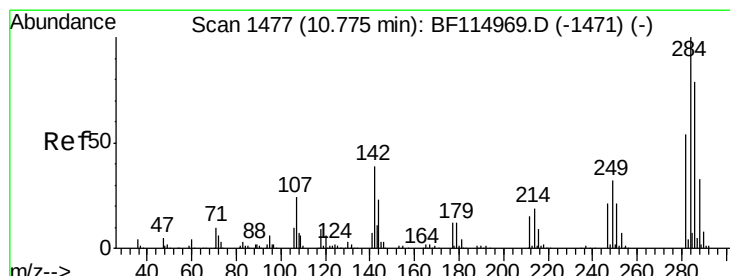
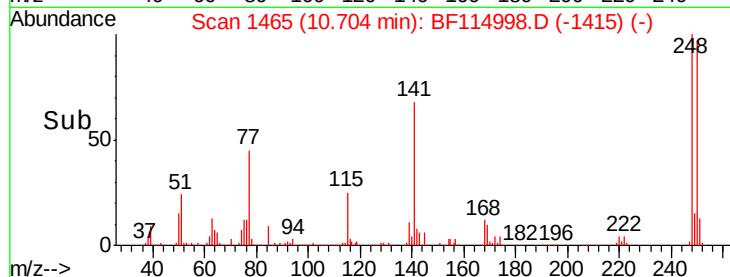
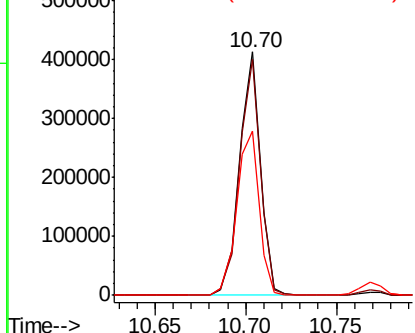
#67
4-Bromophenyl-phenylether
Concen: 39.972 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Instrument :
BNA_F
ClientSampled :
S1(5-10)MS

Tot Ion:248 Resp: 331731
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.8
141 67.6 53.1 79.7

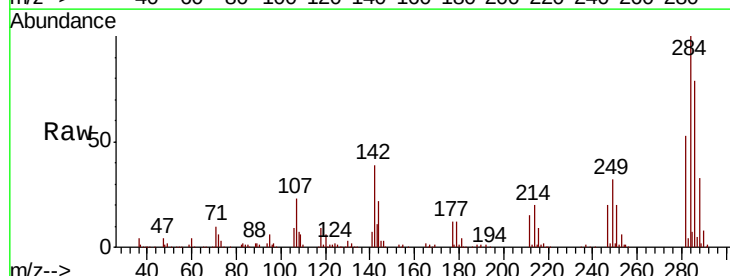


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

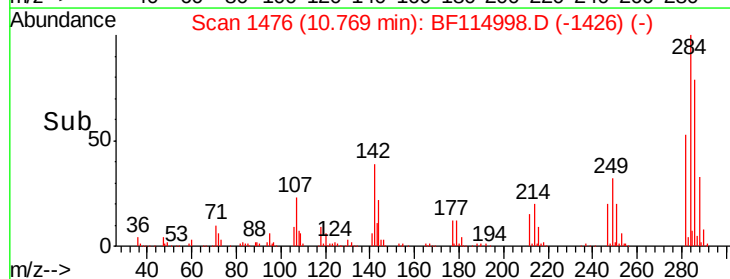
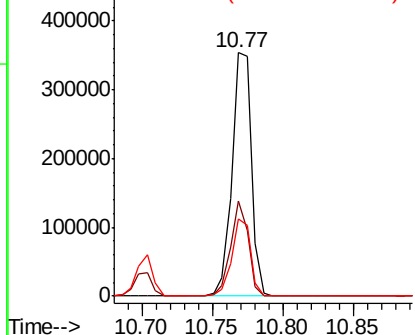


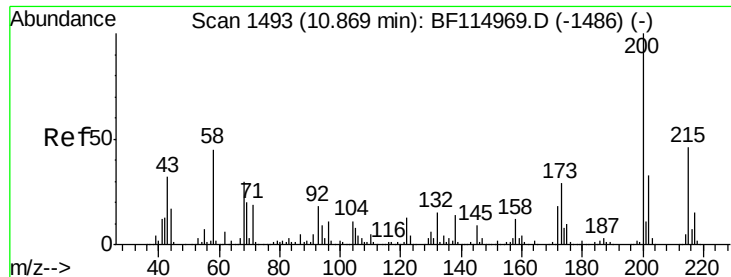
#68
Hexachlorobenzene
Concen: 37.038 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:284 Resp: 338409
Ion Ratio Lower Upper
284 100
142 39.1 31.5 47.3
249 31.9 25.6 38.4



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





#69

Atrazine

Concen: 42.186 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

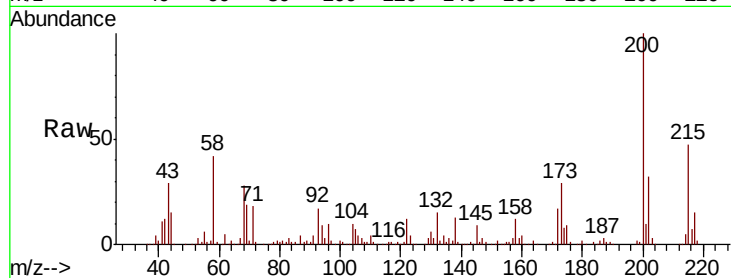
Tot Ion:200 Resp: 314251

Ion Ratio Lower Upper

200 100

173 28.6 9.0 49.0

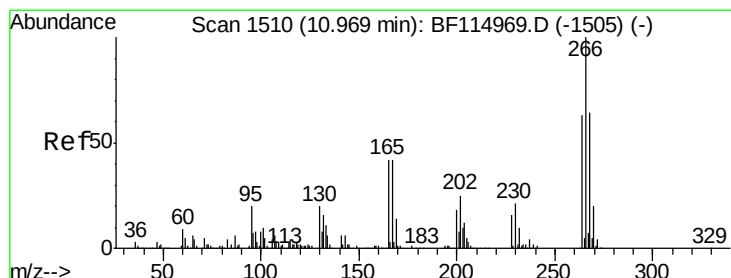
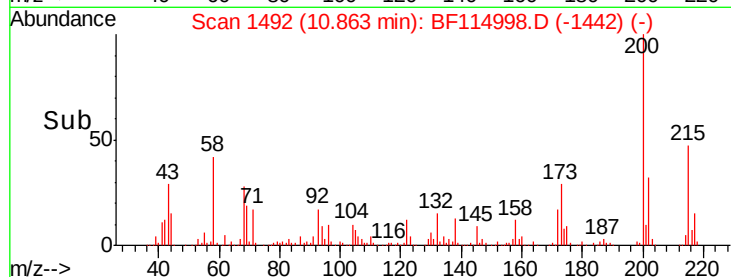
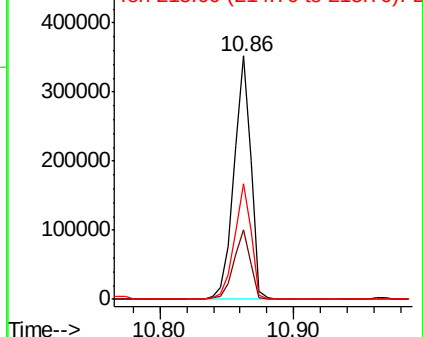
215 47.4 26.5 66.5



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: 2.258 ng

RT: 10.96 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

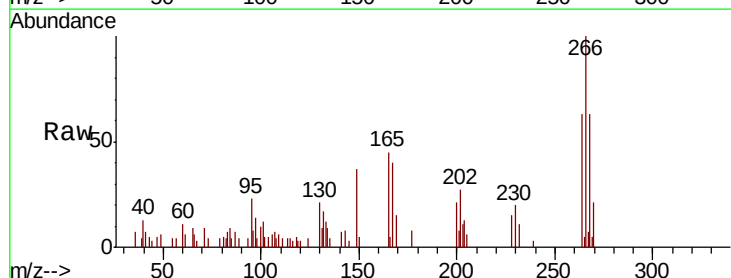
Tgt Ion:266 Resp: 11204

Ion Ratio Lower Upper

266 100

268 63.0 51.4 77.2

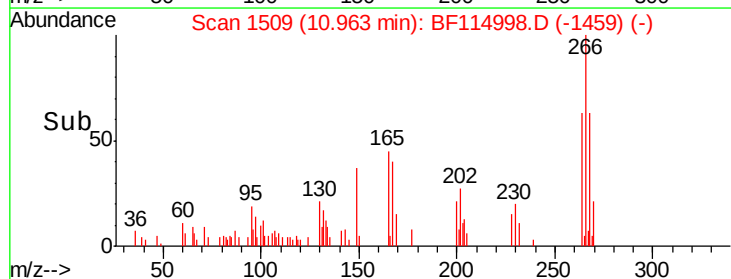
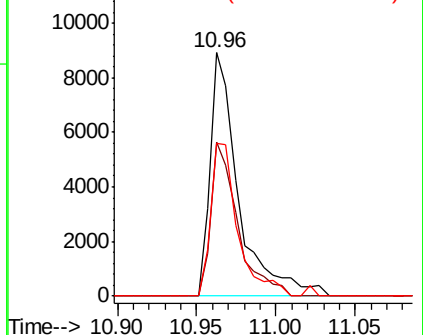
264 62.6 50.3 75.5

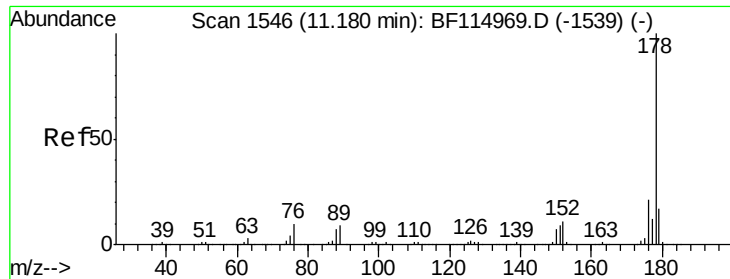


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

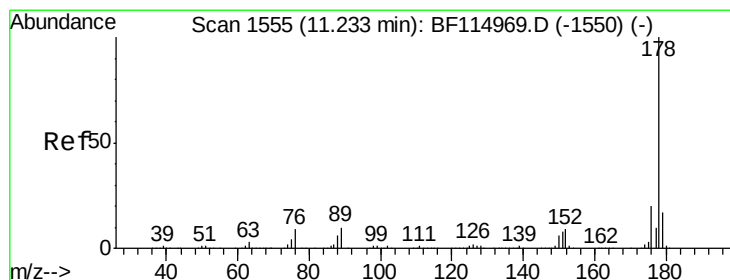
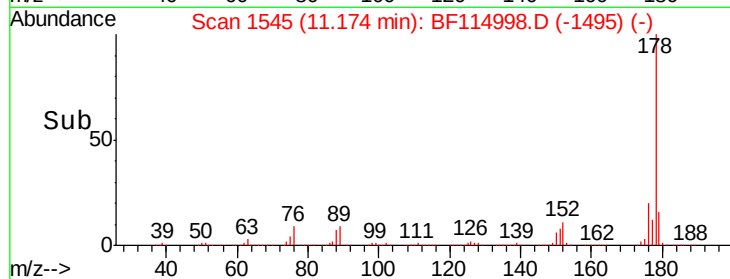
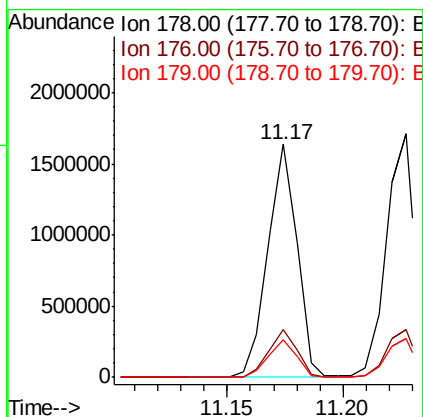
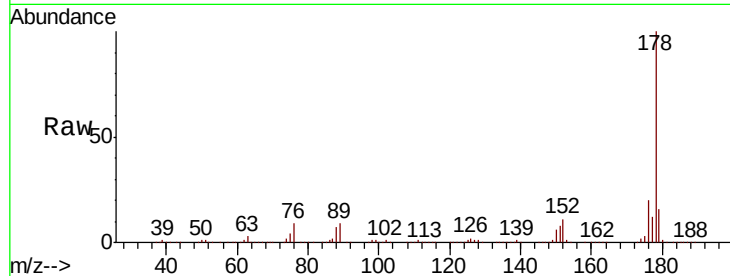




#71
Phenanthrene
Concen: 36.220 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

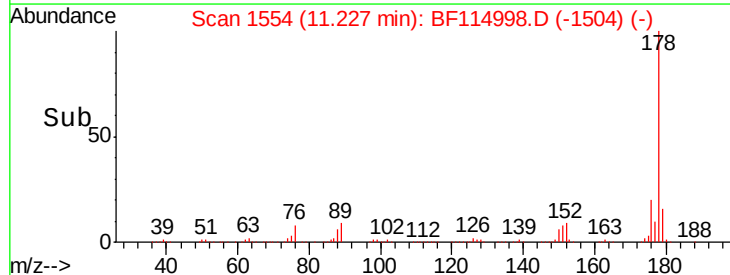
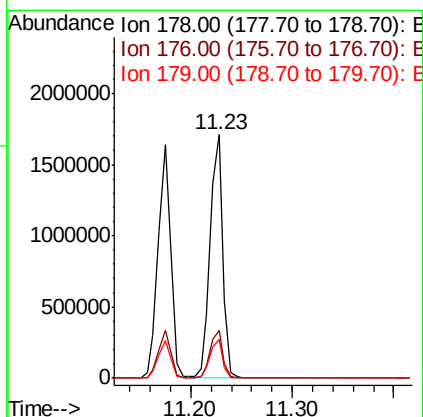
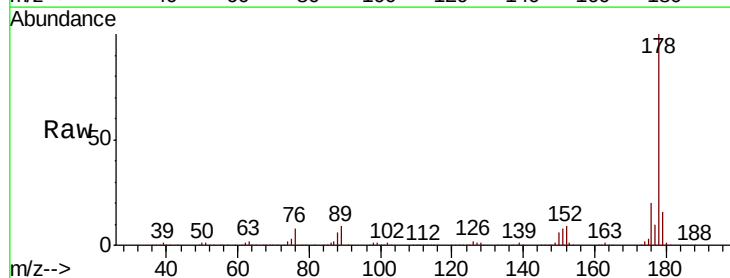
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

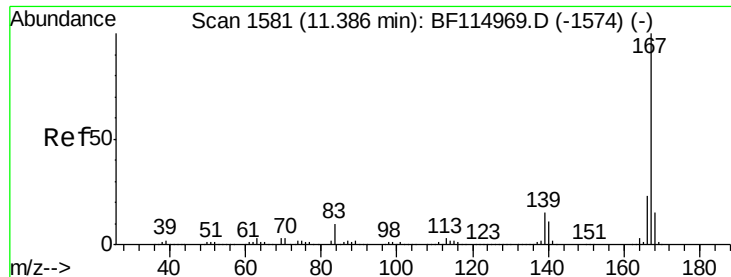
Tot Ion:178 Resp: 1445466
Ion Ratio Lower Upper
178 100
176 20.4 16.9 25.3
179 16.1 13.4 20.0



#72
Anthracene
Concen: 36.917 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:178 Resp: 1486289
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 15.9 13.2 19.8



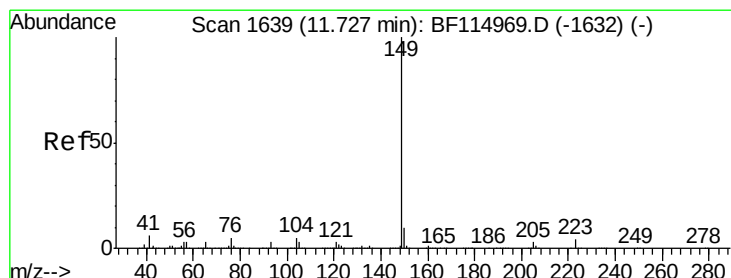
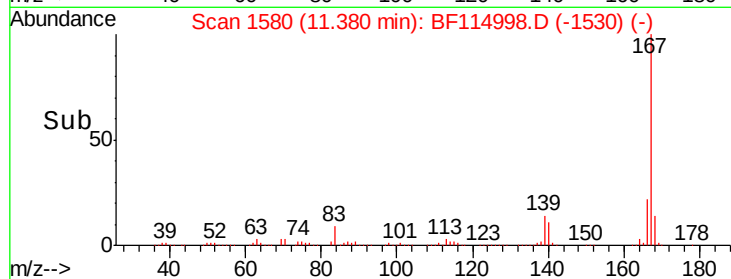
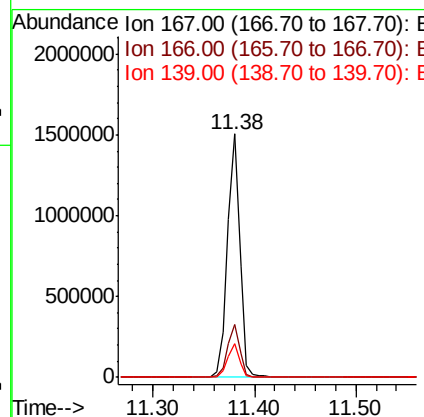
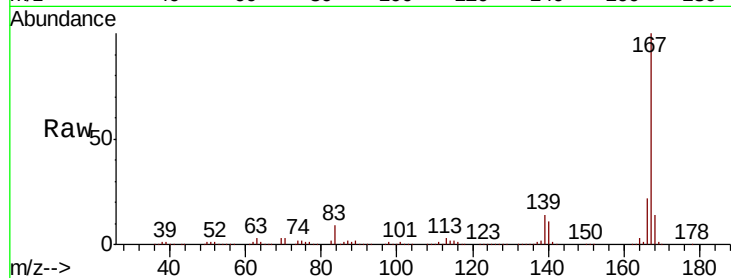


#73
 Carbazole
 Concen: 36.380 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF114998.D
 Acq: 13 Jun 2019 12:58

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MS

Tot Ion:167 Resp: 1278403

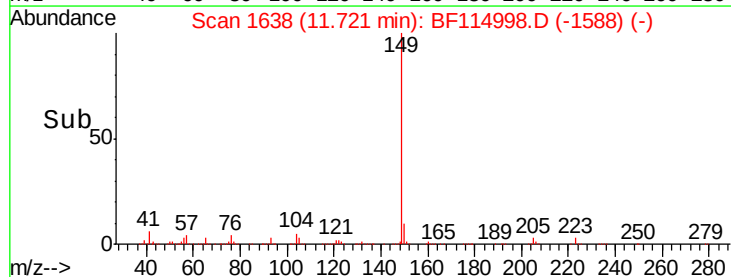
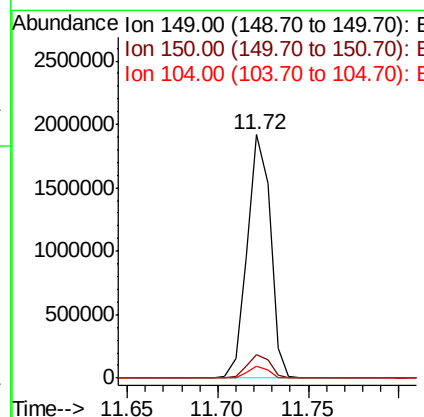
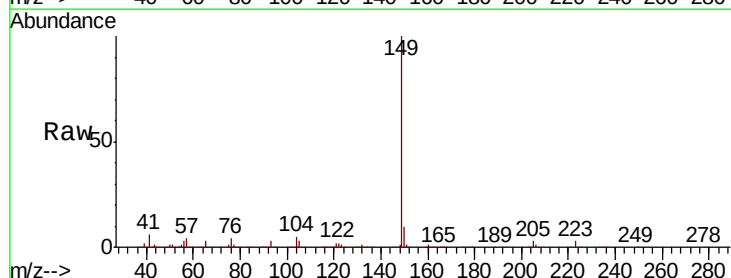
Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.5	27.7
139	13.7	12.0	18.0

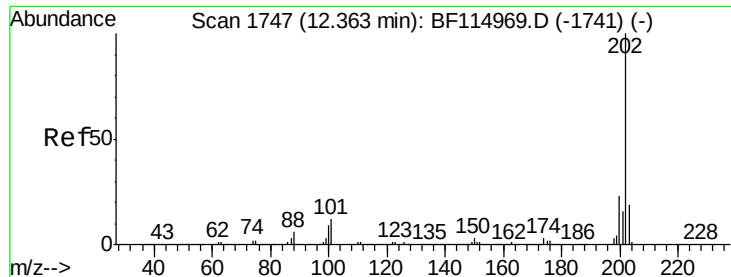


#74
 Di-n-butylphthalate
 Concen: 38.428 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF114998.D
 Acq: 13 Jun 2019 12:58

Tgt Ion:149 Resp: 1702423

Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.8	4.0	6.0





#75

Fluoranthene

Concen: 31.636 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

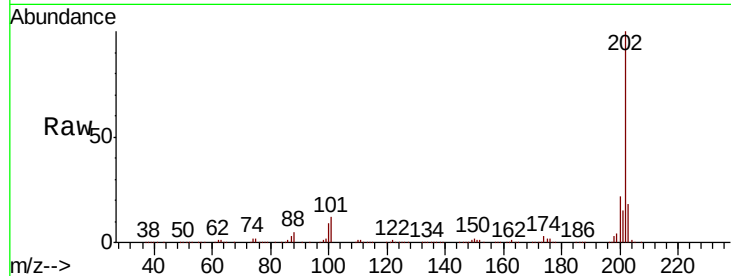
Tot Ion:202 Resp: 1290988

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.4

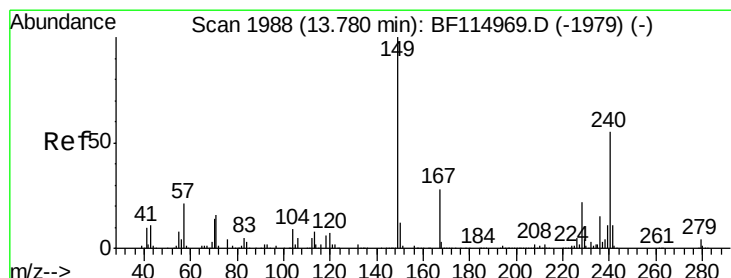
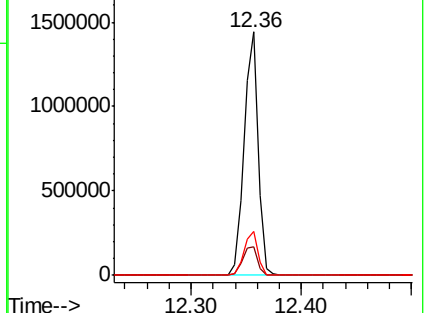
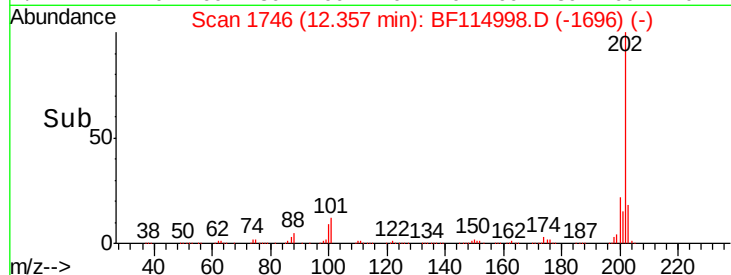
203 17.9 0.0 38.6



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: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

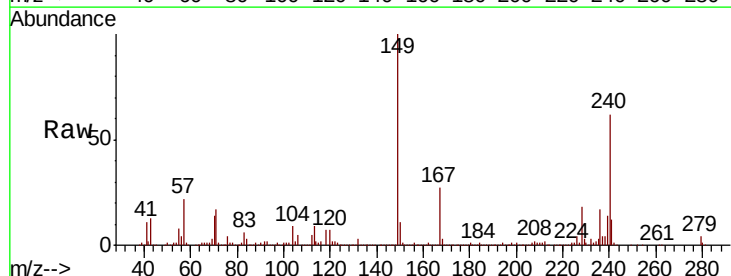
Tgt Ion:240 Resp: 459573

Ion Ratio Lower Upper

240 100

120 11.8 10.0 15.0

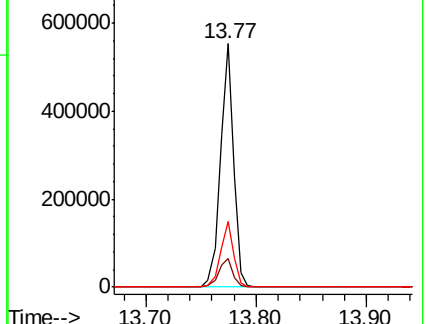
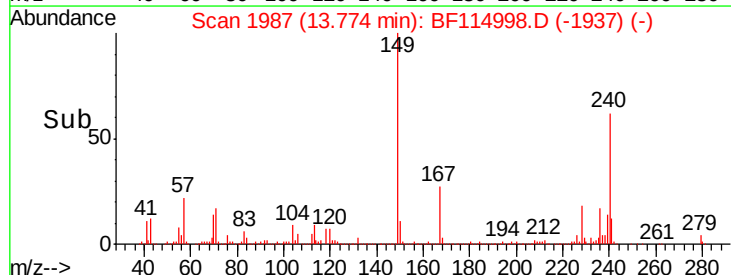
236 26.8 21.6 32.4

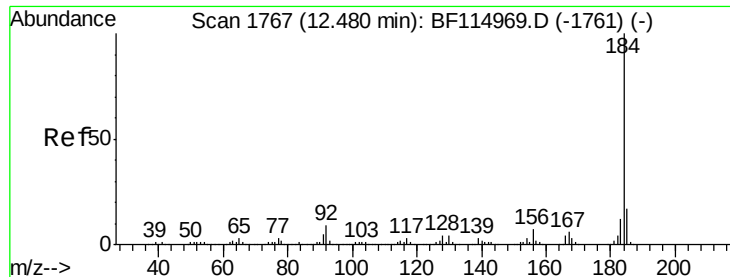


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.007 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

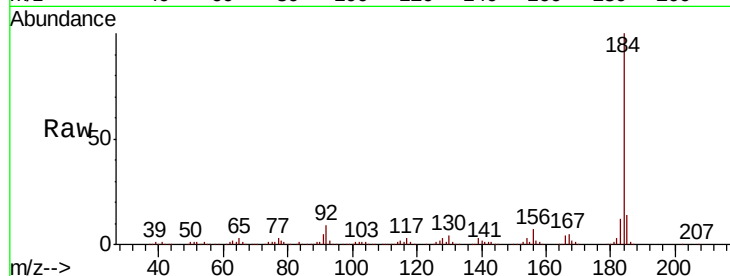
BNA_F

ClientSampleId :

S1(5-10)MS

Tot Ion:184 Resp: 557796

Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	11.7	9.8	14.6

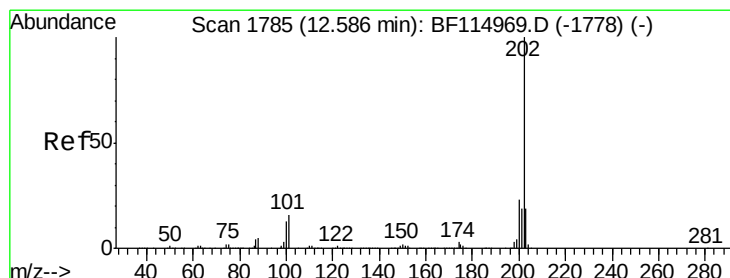
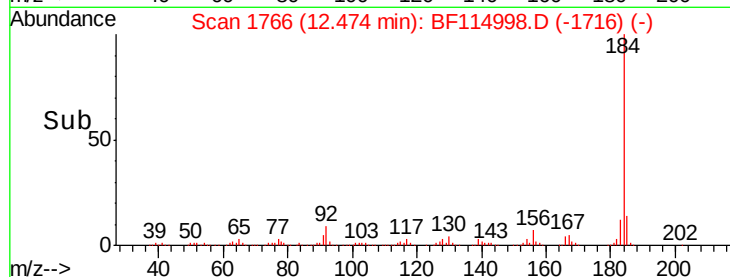
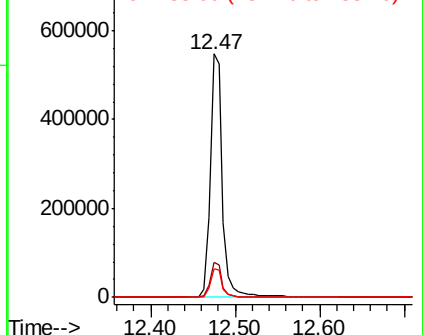


Abundance

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: 30.632 ng

RT: 12.58 min Scan# 1784

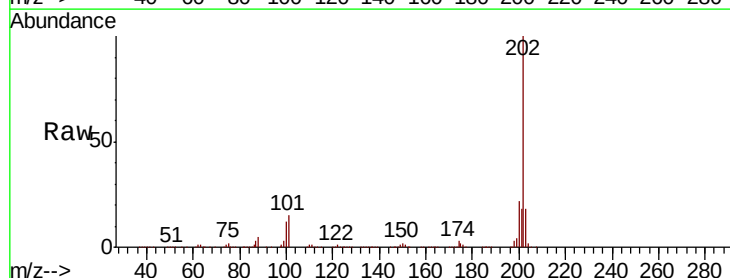
Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Tgt Ion:202 Resp: 1282448

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.4	27.6
203	18.3	14.9	22.3

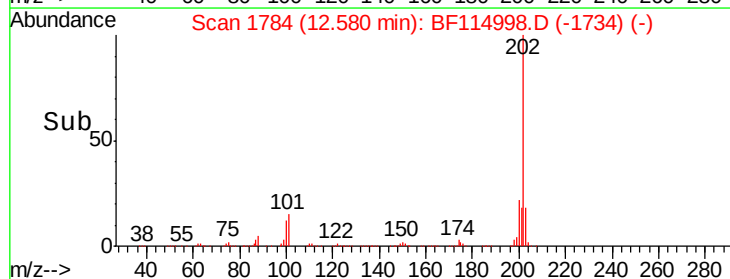
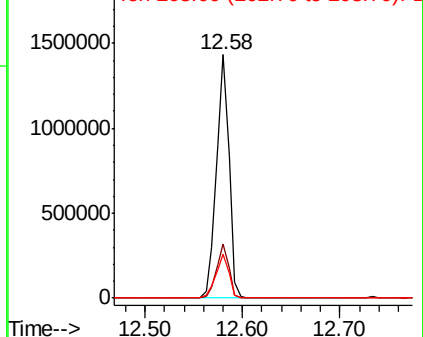


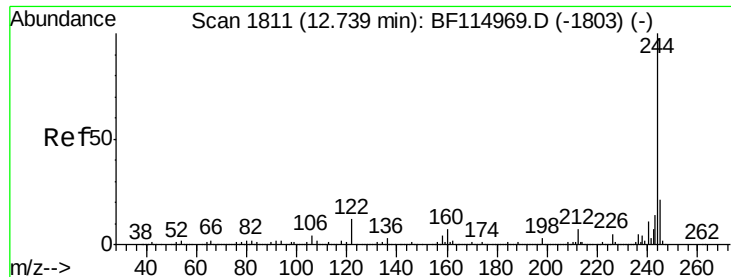
Abundance

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: 69.997 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

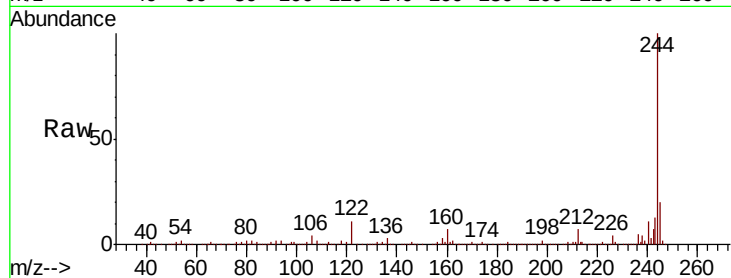
BNA_F

ClientSampleId :

S1(5-10)MS

Tot Ion:244 Resp: 1710313

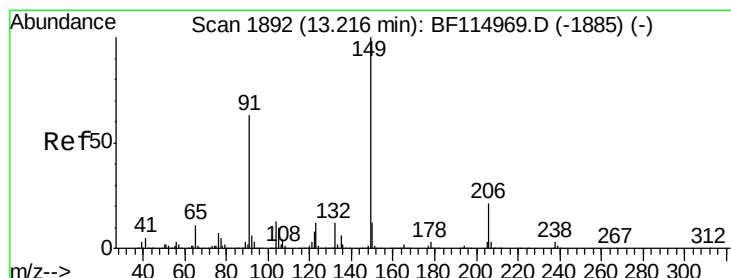
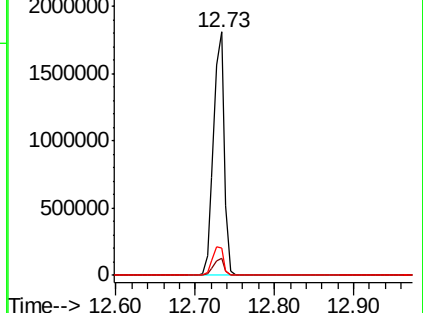
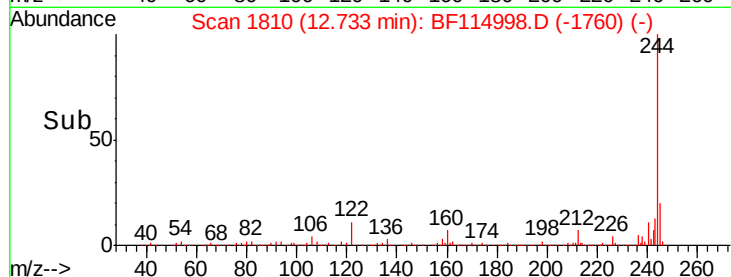
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.4	9.4	14.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 30.290 ng

RT: 13.21 min Scan# 1891

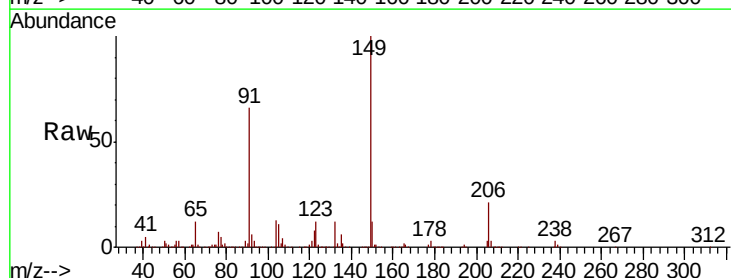
Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Tgt Ion:149 Resp: 592319

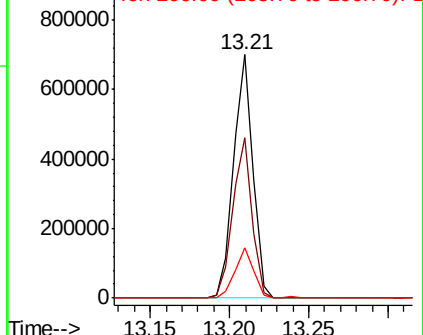
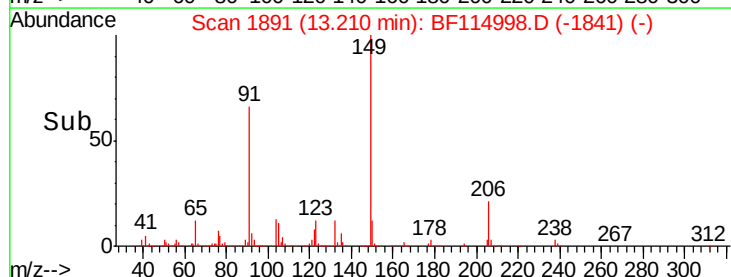
Ion	Ratio	Lower	Upper
149	100		
91	66.0	50.6	76.0
206	20.7	16.7	25.1

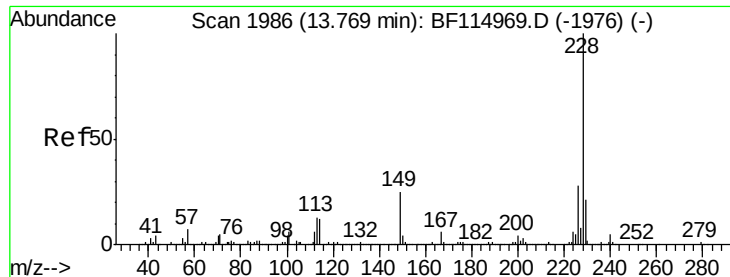


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.322 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

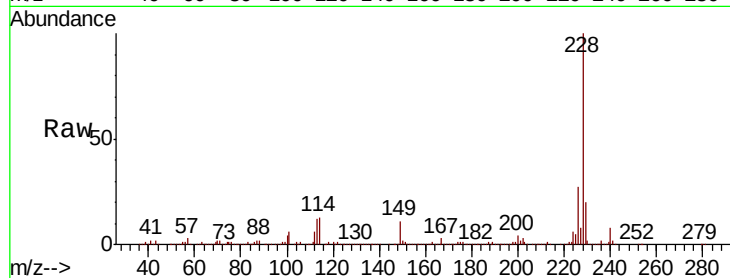
Tot Ion:228 Resp: 1145988

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	20.3	16.6	25.0

228 100

226 27.4 22.0 33.0

229 20.3 16.6 25.0

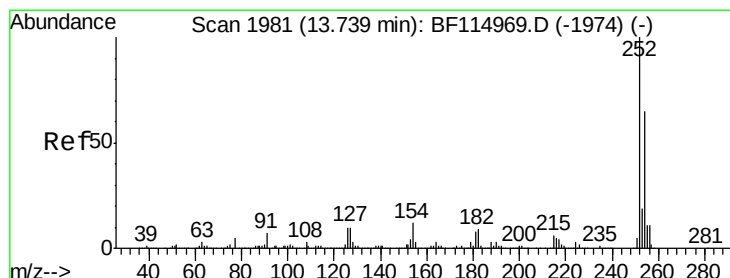
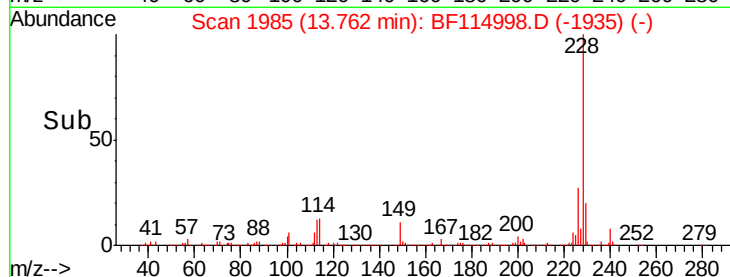
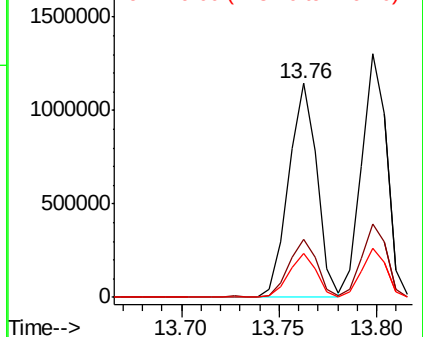


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.159 ng

RT: 13.73 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

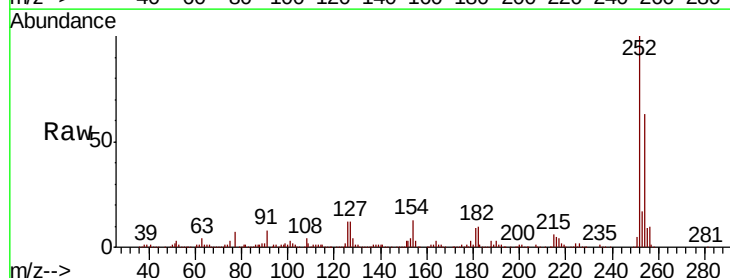
Tgt Ion:252 Resp: 397639

Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.2	78.4
126	12.1	8.0	12.0#

252 100

254 63.4 52.2 78.4

126 12.1 8.0 12.0#

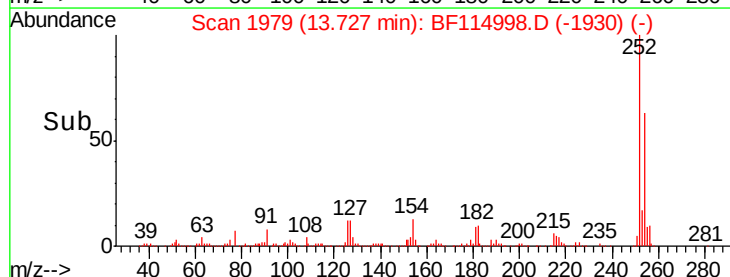
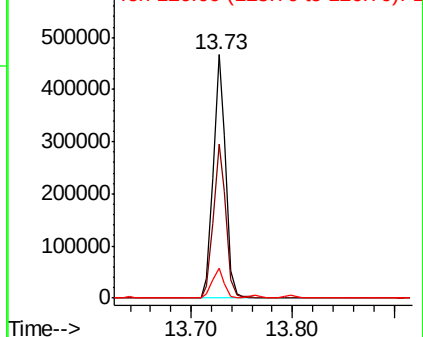


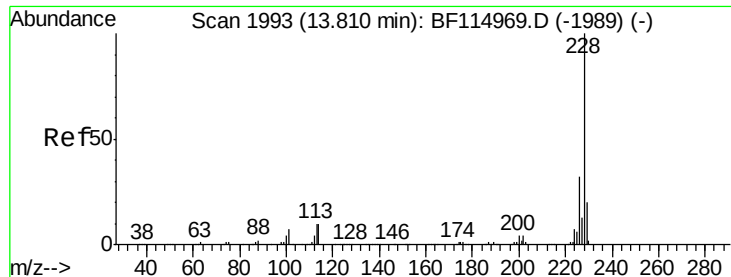
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.243 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MS

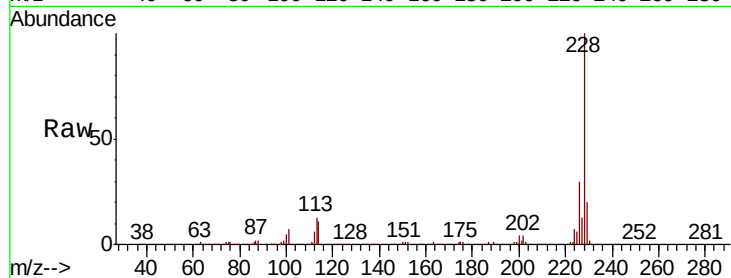
Tot Ion:228 Resp: 1171078

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.0

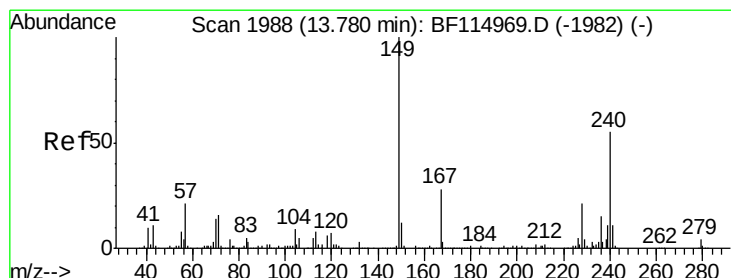
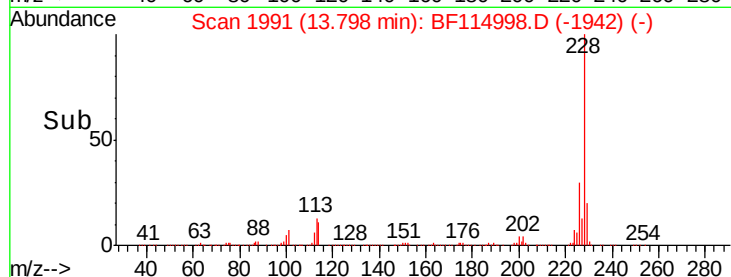
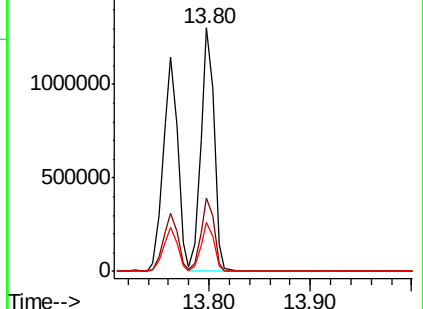
229 20.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.485 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114998.D

Acq: 13 Jun 2019 12:58

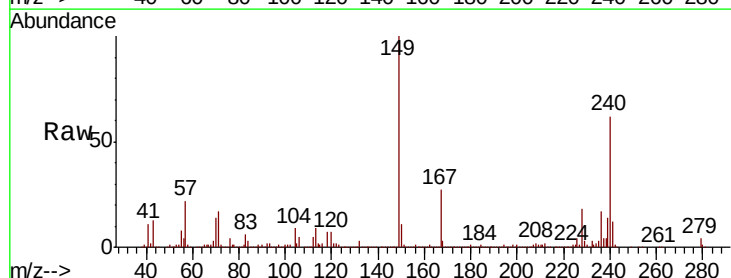
Tgt Ion:149 Resp: 773888

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.4

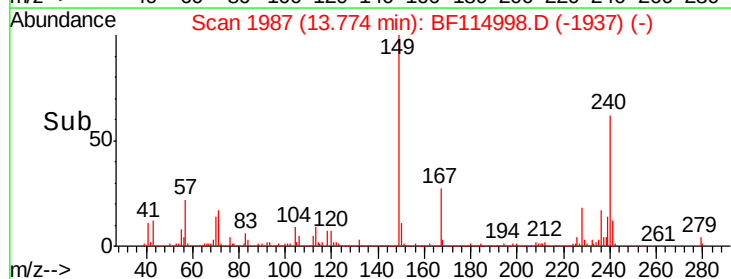
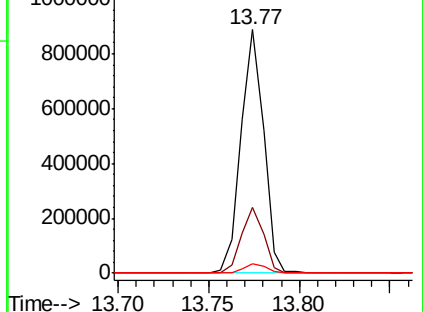
279 3.8 3.4 5.0

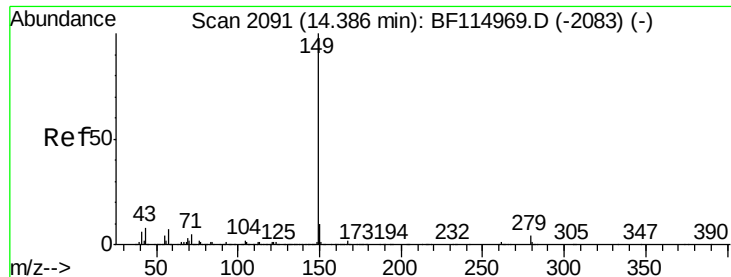


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

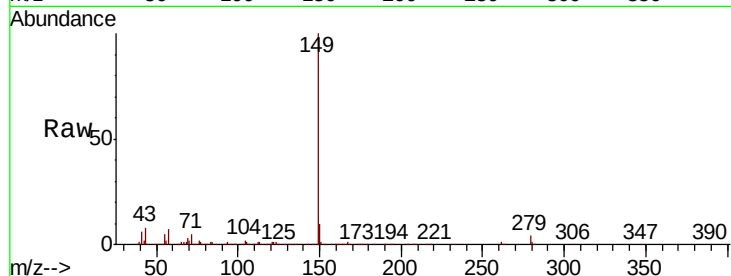




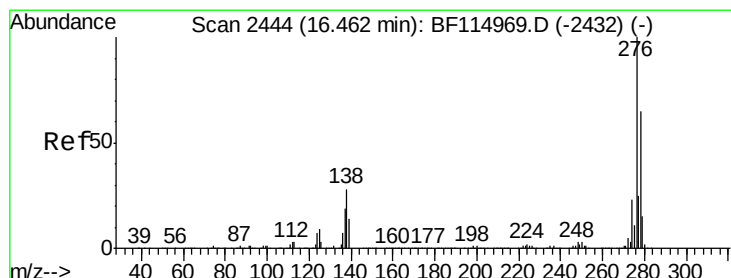
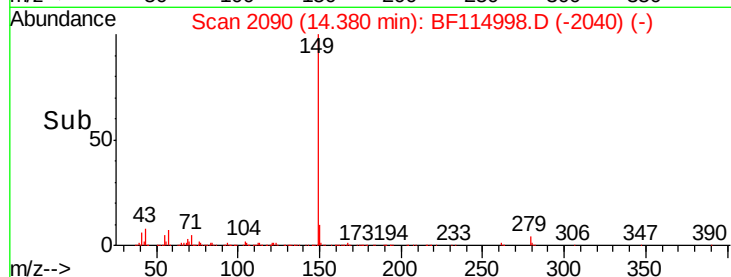
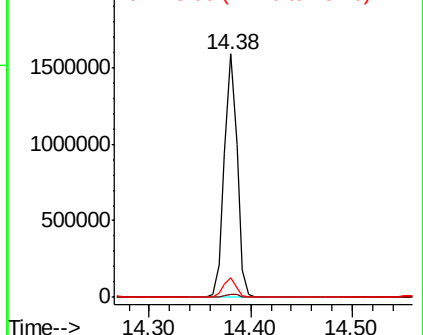
#85
Di-n-octyl phthalate
Concen: 35.150 ng
RT: 14.38 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

Tot Ion:149 Resp: 1398951
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.5 9.7

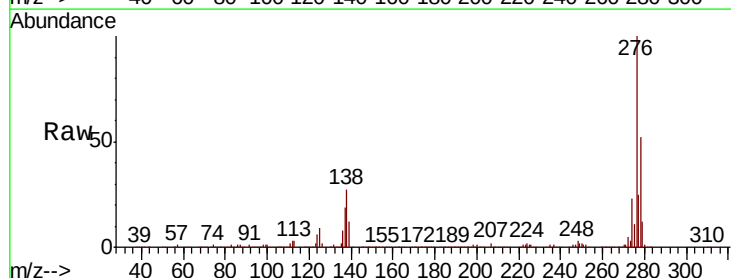


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

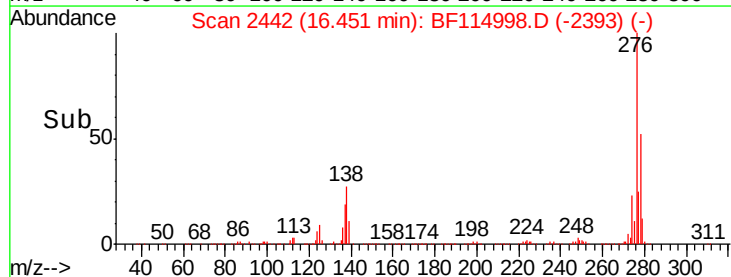
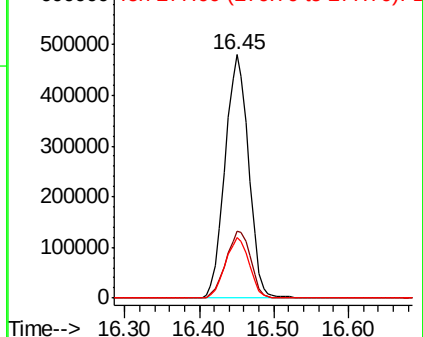


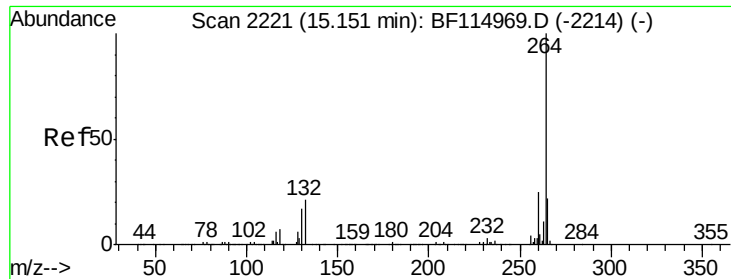
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.261 ng
RT: 16.45 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:276 Resp: 1059270
Ion Ratio Lower Upper
276 100
138 29.0 23.0 34.4
277 25.3 20.6 30.8



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

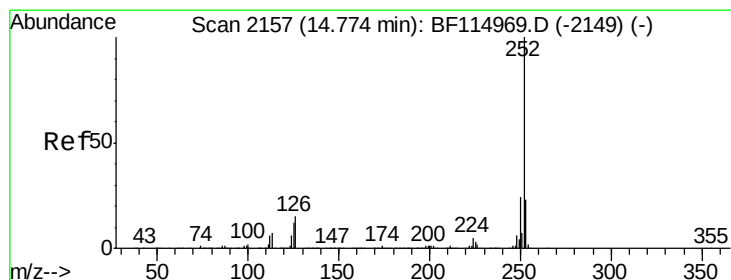
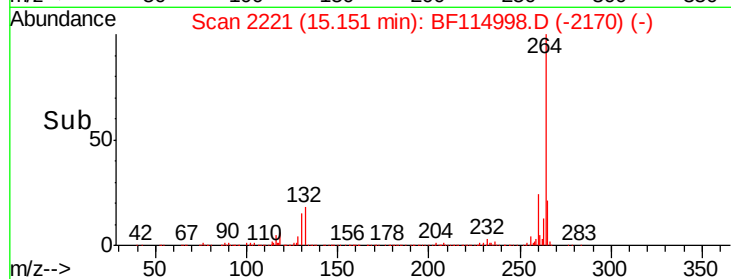
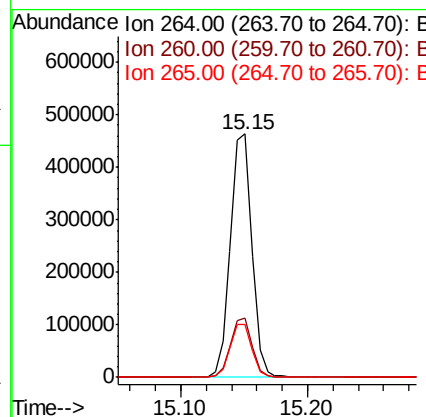
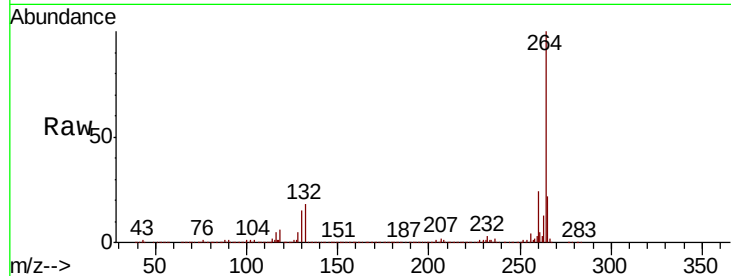




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

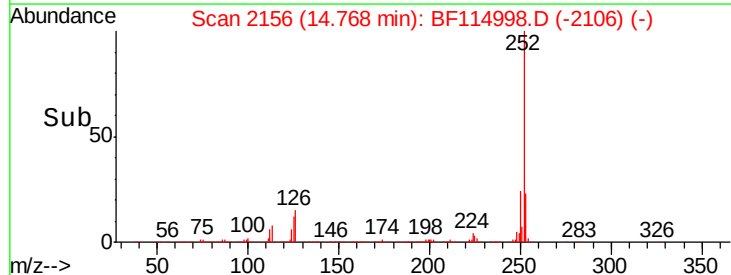
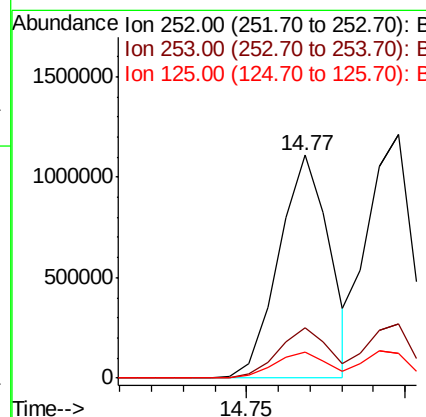
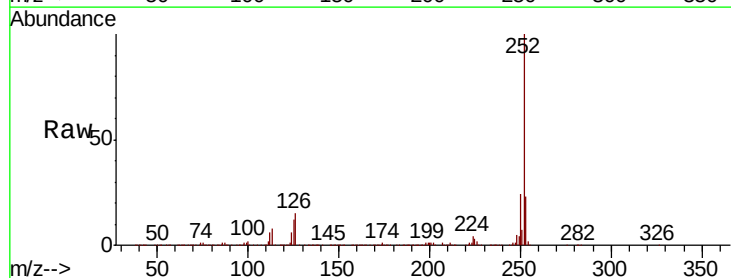
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

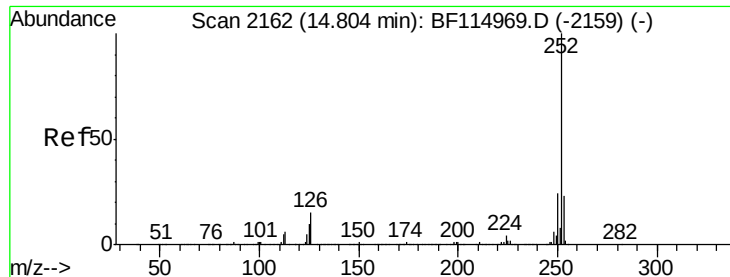
Tot Ion:264 Resp: 545762
Ion Ratio Lower Upper
264 100
260 24.2 19.9 29.9
265 21.7 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 34.142 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:252 Resp: 1238687
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.5 9.4 14.0

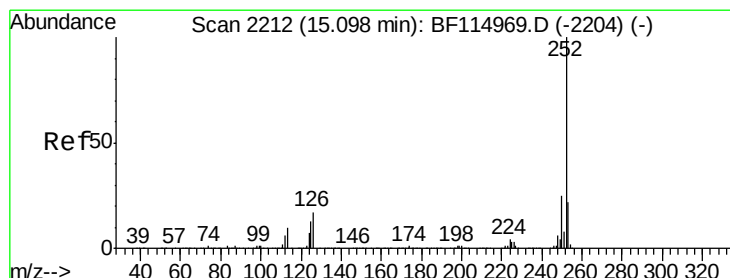
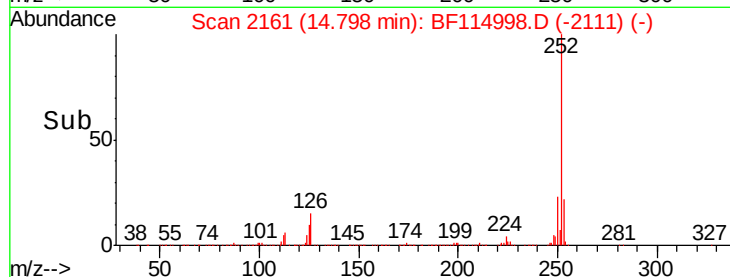
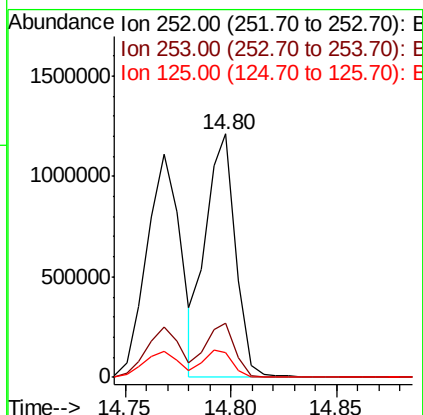
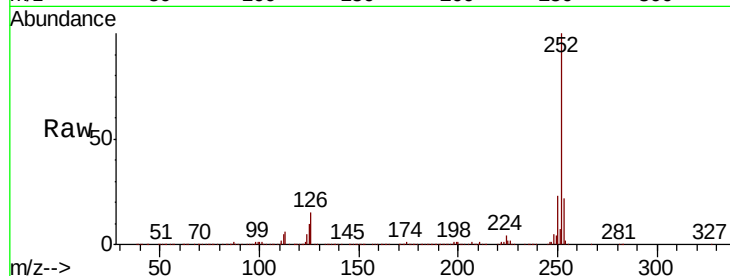




#89
Benzo(k)fluoranthene
Concen: 37.208 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

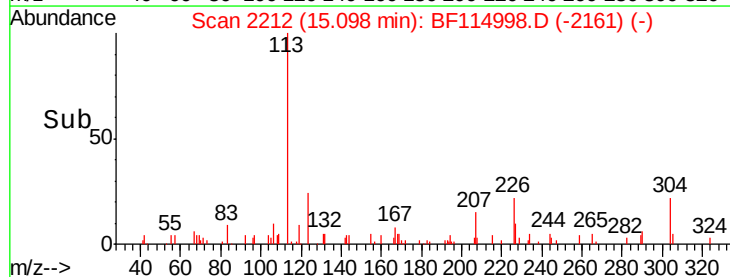
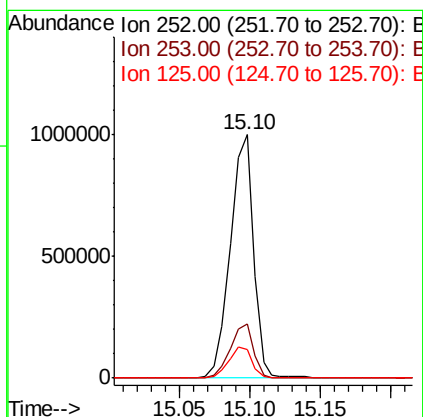
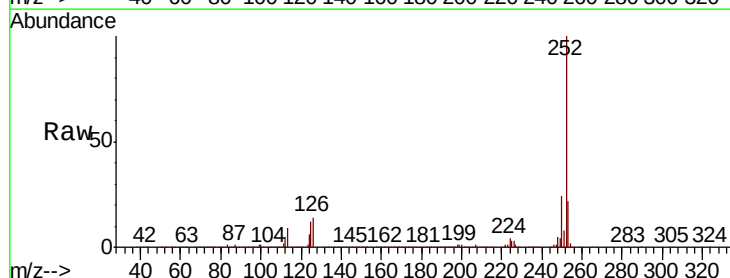
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

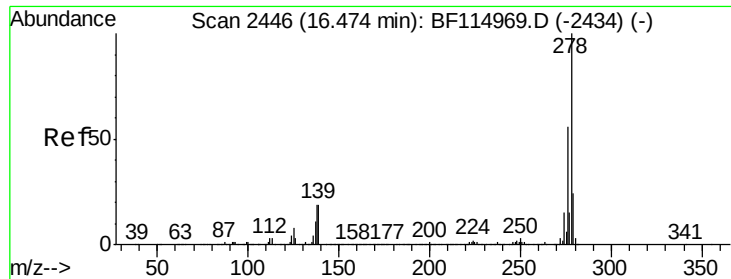
Tot Ion:252 Resp: 1184881
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 36.685 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:252 Resp: 1148470
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.6 10.7 16.1

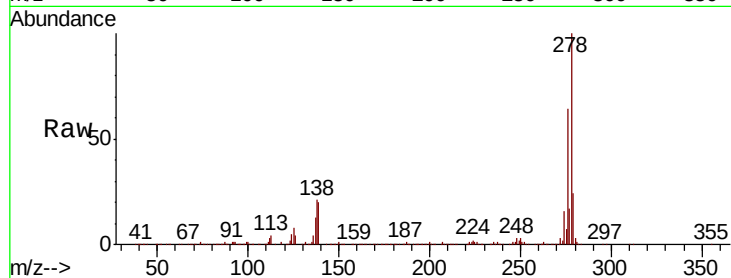




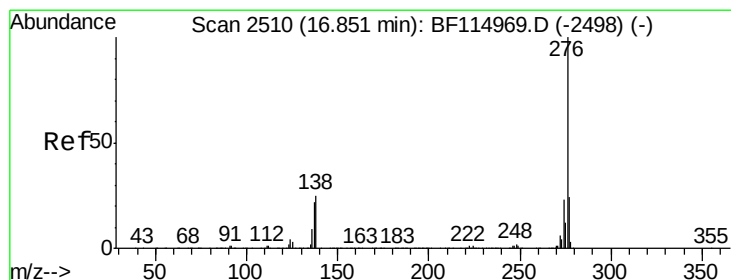
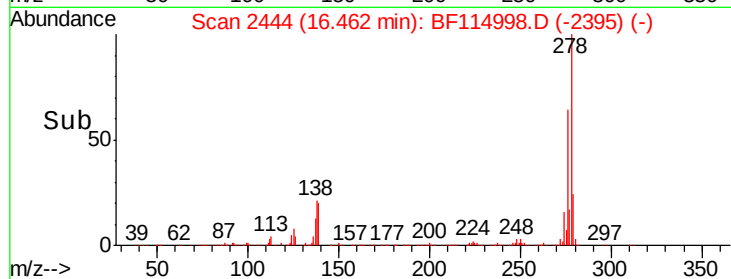
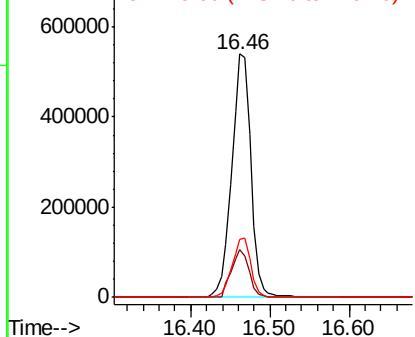
#91
Dibenzo(a,h)anthracene
Concen: 33.508 ng
RT: 16.46 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MS

Tot Ion:278 Resp: 903405
Ion Ratio Lower Upper
278 100
139 19.8 15.3 22.9
279 24.1 19.2 28.8

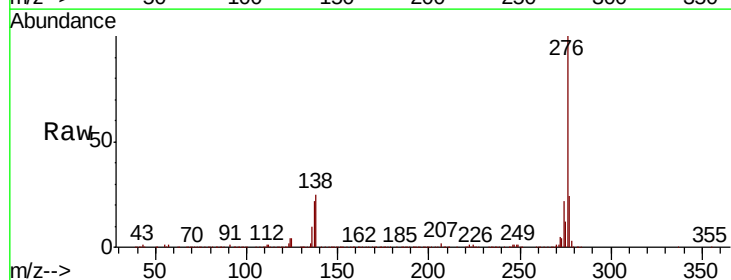


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 30.556 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BF114998.D
Acq: 13 Jun 2019 12:58

Tgt Ion:276 Resp: 840166
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 24.9 20.2 30.4



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

