

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111416.D
 Acq On : 14 Dec 2018 14:01
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 15:41:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	190986	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	799796	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	383783	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	694558	20.00	ng	0.00
76) Chrysene-d12	13.95	240	533712	20.00	ng	0.00
87) Perylene-d12	15.39	264	403456	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	926719	80.74	ng	0.00
7) Phenol-d6	6.44	99	1169715	76.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	1098108	81.76	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	270376	78.65	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1986535	79.95	ng	0.00
79) Terphenyl-d14	12.90	244	1764996	77.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	209664	37.824	ng	97
3) Pyridine	3.23	79	549083	39.440	ng	92
4) n-Nitrosodimethylamine	3.17	42	257110	40.658	ng	88
6) Aniline	6.46	93	731185	38.611	ng	# 87
8) 2-Chlorophenol	6.58	128	546160	39.827	ng	99
9) Benzaldehyde	6.34	77	334976	36.175	ng	95
10) Phenol	6.45	94	659397	38.773	ng	# 73
11) bis(2-Chloroethyl)ether	6.53	93	518314	38.878	ng	98
12) 1,3-Dichlorobenzene	6.73	146	582062	38.559	ng	98
13) 1,4-Dichlorobenzene	6.81	146	601355	39.247	ng	97
14) 1,2-Dichlorobenzene	6.97	146	558182	38.723	ng	98
15) Benzyl Alcohol	6.94	79	452725	38.973	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1020728	39.213	ng	100
17) 2-Methylphenol	7.06	107	424689	38.481	ng	97
18) Hexachloroethane	7.31	117	215965	37.874	ng	91
19) n-Nitroso-di-n-propylamine	7.21	70	380623	37.790	ng	93
20) 3+4-Methylphenols	7.21	107	532695	38.479	ng	# 81
22) Acetophenone	7.20	105	731180	40.953	ng	# 94
24) Nitrobenzene	7.37	77	560363	40.899	ng	99
25) Isophorone	7.62	82	899397	39.577	ng	99
26) 2-Nitrophenol	7.69	139	288825	40.649	ng	99
27) 2,4-Dimethylphenol	7.73	122	423263	41.090	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	622529	39.681	ng	98
29) 2,4-Dichlorophenol	7.94	162	451582	41.067	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	458263	39.810	ng	98
31) Naphthalene	8.10	128	1488516	39.791	ng	97
32) Benzoic acid	7.86	122	303567	34.103	ng	96
33) 4-Chloroaniline	8.15	127	652677	39.237	ng	99
34) Hexachlorobutadiene	8.22	225	254750	40.169	ng	97
35) Caprolactam	8.52	113	161292	39.507	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	478516	39.534	ng	98
37) 2-Methylnaphthalene	8.79	142	957010	37.807	ng	98
38) 1-Methylnaphthalene	8.89	142	929375	38.004	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	413191	39.258	ng	99

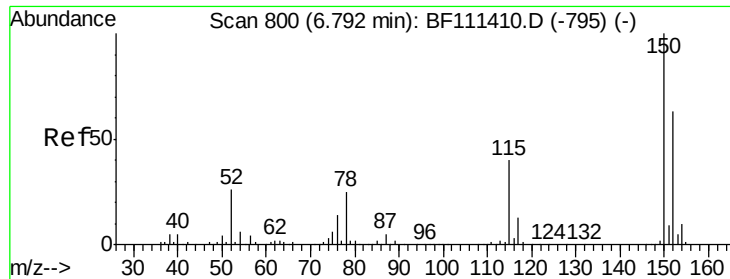
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111416.D
 Acq On : 14 Dec 2018 14:01
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 15:41:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	223852	41.426	ng	97
43) 2,4,6-Trichlorophenol	9.07	196	299664	40.228	ng	96
44) 2,4,5-Trichlorophenol	9.12	196	317588	40.065	ng	94
46) 1,1'-Biphenyl	9.26	154	1285077	39.518	ng	94
47) 2-Chloronaphthalene	9.28	162	976021	39.486	ng	95
48) 2-Nitroaniline	9.37	65	323148	40.264	ng	93
49) Acenaphthylene	9.69	152	1460474	39.806	ng	96
50) Dimethylphthalate	9.56	163	1078607	39.024	ng	98
51) 2,6-Dinitrotoluene	9.62	165	251891	40.488	ng	99
52) Acenaphthene	9.87	154	911347	39.299	ng	97
53) 3-Nitroaniline	9.79	138	296470	39.233	ng	91
54) 2,4-Dinitrophenol	9.89	184	93332	39.432	ng	88
55) Dibenzofuran	10.04	168	1325284	39.372	ng	96
56) 4-Nitrophenol	9.95	139	214470	41.011	ng	99
57) 2,4-Dinitrotoluene	10.02	165	329269	40.324	ng	98
58) Fluorene	10.38	166	976778	40.007	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	242613	39.174	ng	98
60) Diethylphthalate	10.26	149	1103873	39.428	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	475960	39.845	ng	96
62) 4-Nitroaniline	10.40	138	291351	38.948	ng	98
63) Azobenzene	10.53	77	1080092	39.132	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	150412	38.360	ng	91
66) n-Nitrosodiphenylamine	10.49	169	935569	39.061	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	293660	39.228	ng	95
68) Hexachlorobenzene	10.93	284	301179	39.112	ng	# 91
69) Atrazine	11.02	200	276541	39.951	ng	96
70) Pentachlorophenol	11.12	266	189758	40.177	ng	96
71) Phenanthrene	11.34	178	1386187	38.732	ng	95
72) Anthracene	11.39	178	1444267	39.460	ng	96
73) Carbazole	11.55	167	1482409	39.167	ng	96
74) Di-n-butylphthalate	11.88	149	1676912	39.782	ng	96
75) Fluoranthene	12.53	202	1405644	40.147	ng	97
77) Benzidine	12.65	184	743087	37.875	ng	100
78) Pyrene	12.75	202	1457110	38.724	ng	95
80) Butylbenzylphthalate	13.37	149	712508	38.847	ng	94
81) Benzo(a)anthracene	13.94	228	1109300	38.225	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	444279	37.659	ng	99
83) Chrysene	13.98	228	1158877	37.908	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	919392	39.246	ng	99
85) Di-n-octyl phthalate	14.55	149	1521339	38.500	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	719800	32.623	ng	96
88) Benzo(b)fluoranthene	14.97	252	917132	38.990	ng	97
89) Benzo(k)fluoranthene	15.00	252	943331	41.971	ng	100
90) Benzo(a)pyrene	15.33	252	838327	39.523	ng	96
91) Dibenzo(a,h)anthracene	16.82	278	613588	36.671	ng	# 95
92) Benzo(g,h,i)perylene	17.23	276	595151	36.237	ng	96

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

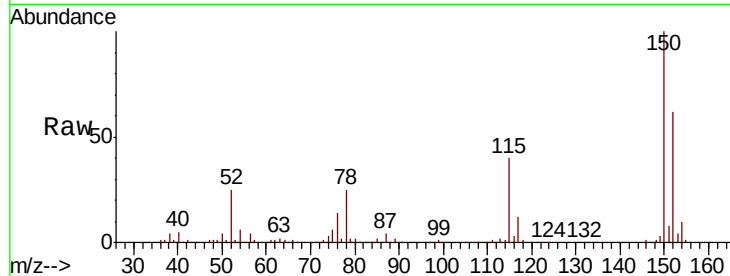


#1

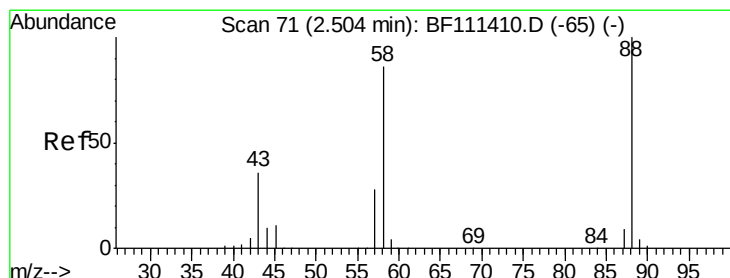
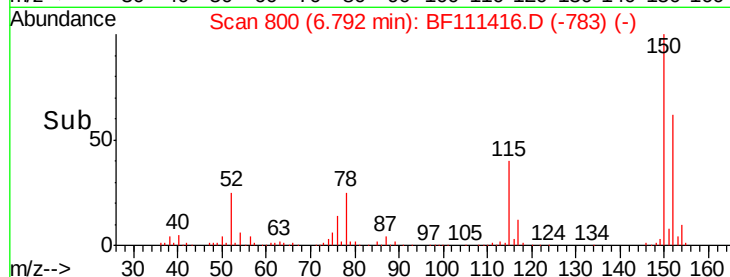
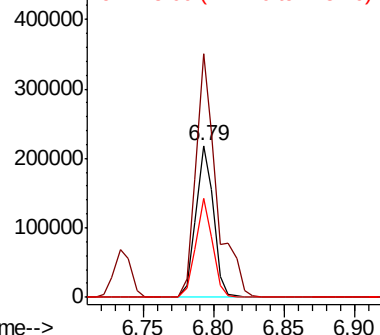
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111416.D
 Acq: 14 Dec 2018 14:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.6	189.8
115	64.7	50.7	76.1



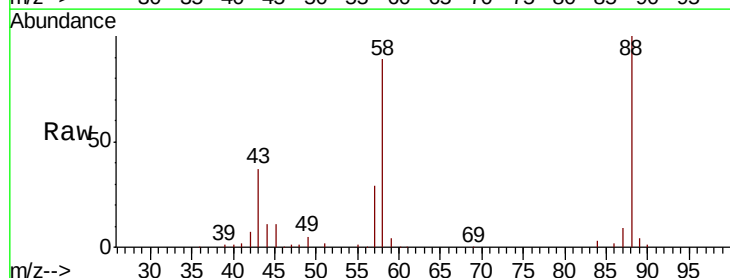
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



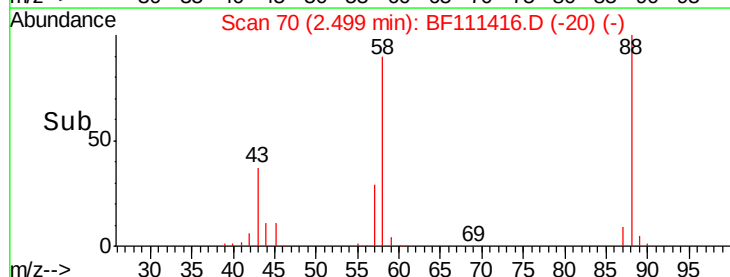
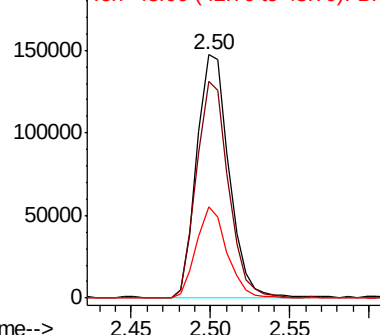
#2

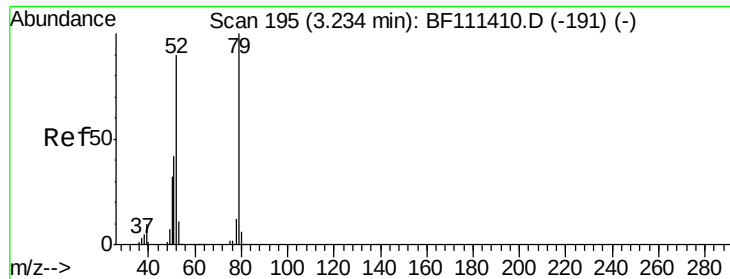
1,4-Dioxane
 Concen: 37.824 ng
 RT: 2.50 min Scan# 70
 Delta R.T. -0.01 min
 Lab File: BF111416.D
 Acq: 14 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	68.9	103.3
43	35.5	25.8	38.6



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: 39.440 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.01 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

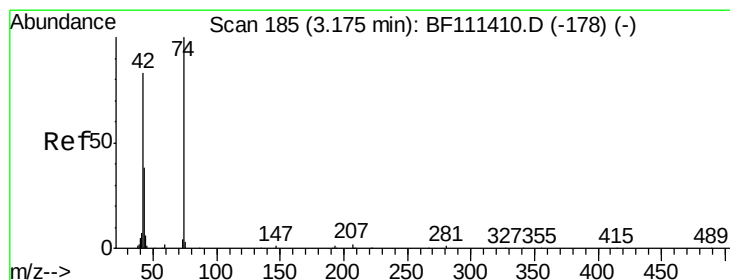
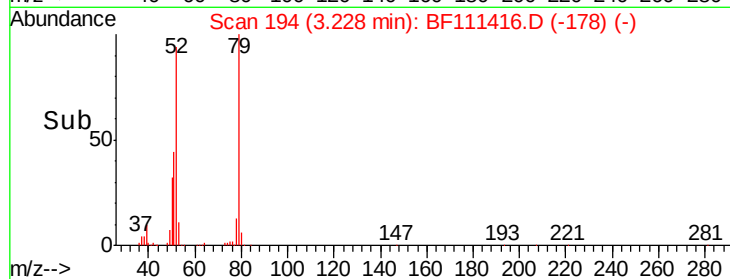
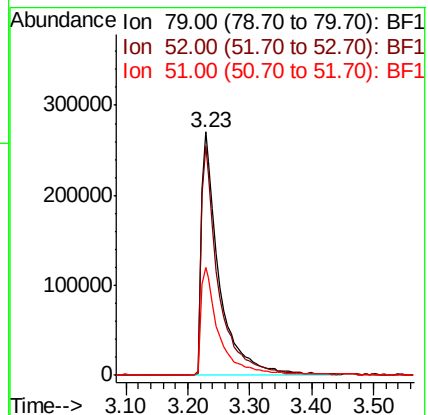
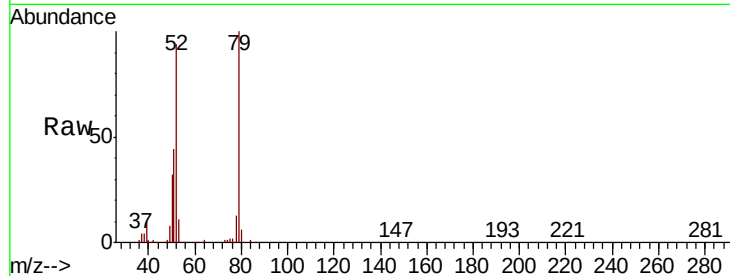
Tot Ion: 79 Resp: 549083

Ion Ratio Lower Upper

79 100

52 94.3 68.3 102.5

51 44.5 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 40.658 ng

RT: 3.17 min Scan# 184

Delta R.T. -0.01 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

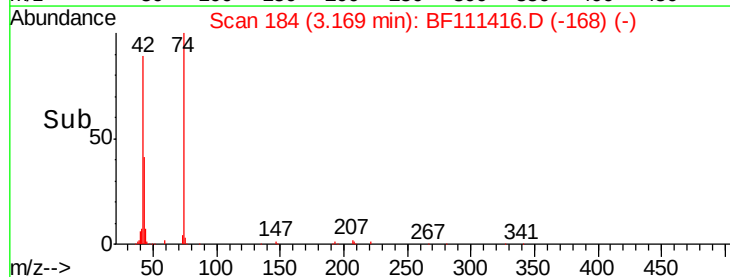
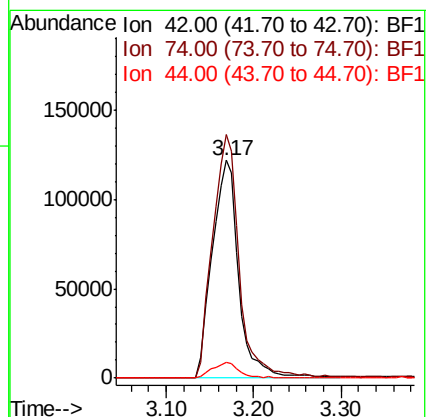
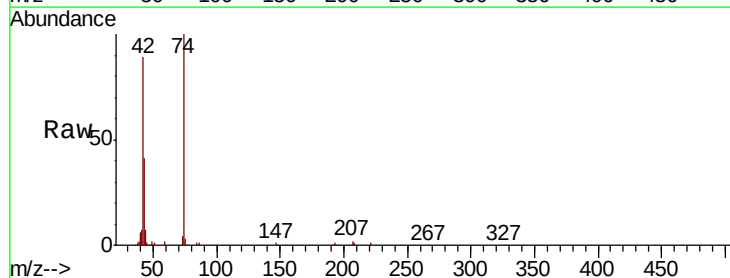
Tgt Ion: 42 Resp: 257110

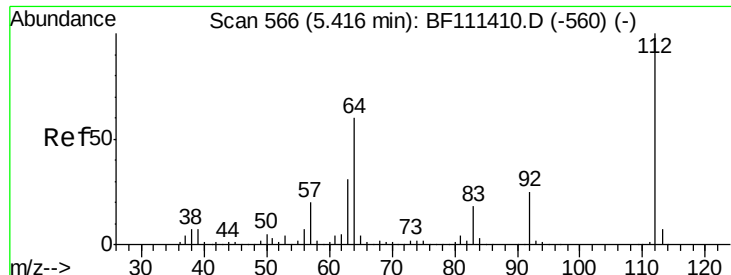
Ion Ratio Lower Upper

42 100

74 111.9 101.5 152.3

44 7.3 6.0 9.0





#5

2-Fluorophenol

Concen: 80.745 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampled :

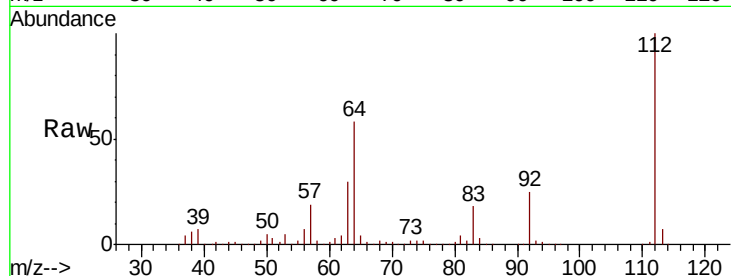
Tot Ion: 112 Resp: 926719

Ion Ratio Lower Upper

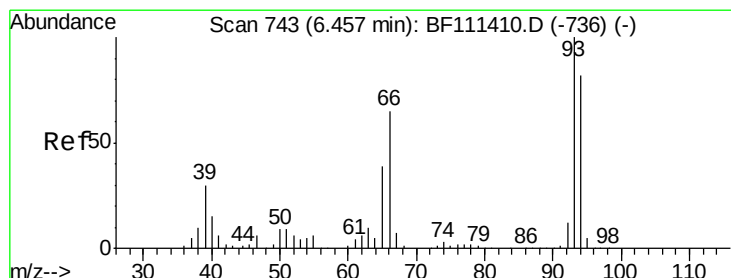
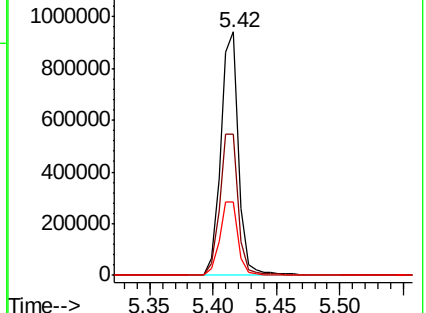
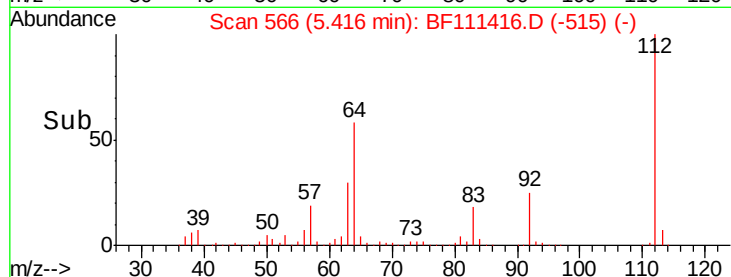
112 100

64 58.2 51.8 77.6

63 30.1 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.611 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

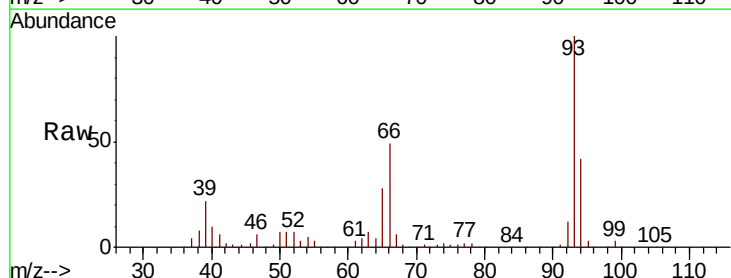
Tgt Ion: 93 Resp: 731185

Ion Ratio Lower Upper

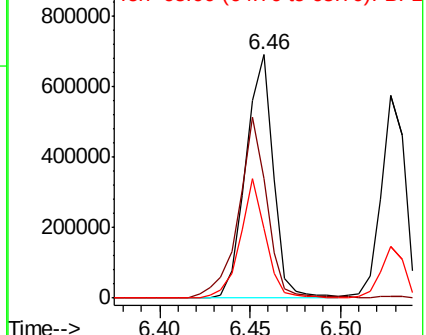
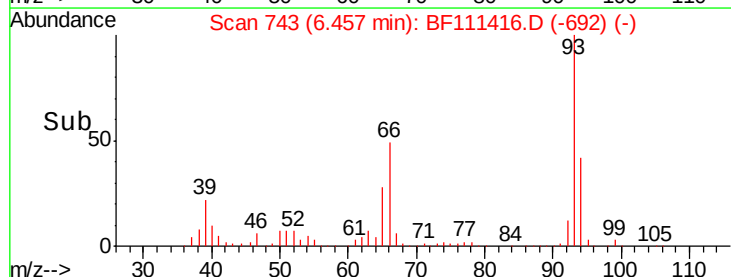
93 100

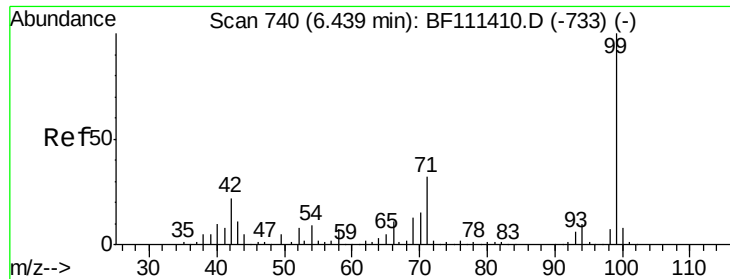
66 49.0 33.2 49.8

65 28.5 17.0 25.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.619 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampled :

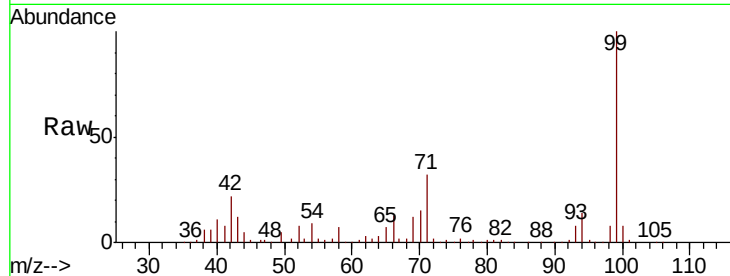
Tot Ion: 99 Resp: 1169715

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

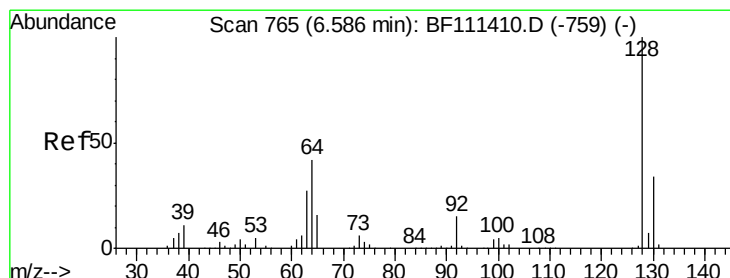
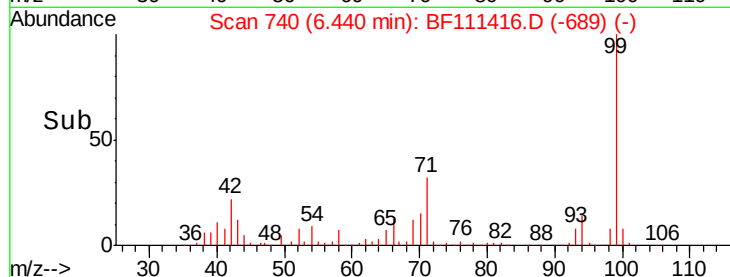
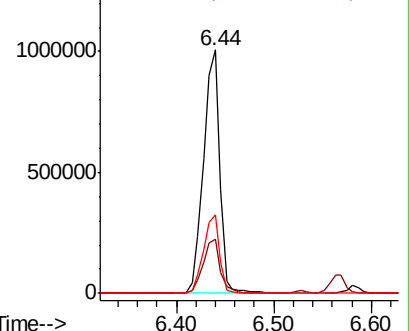
71 32.0 26.1 39.1



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: 39.827 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

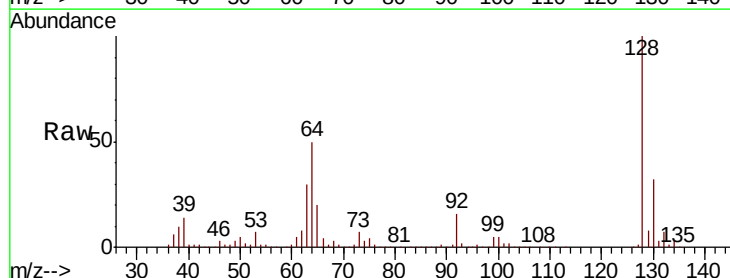
Tgt Ion:128 Resp: 546160

Ion Ratio Lower Upper

128 100

130 31.8 12.7 52.7

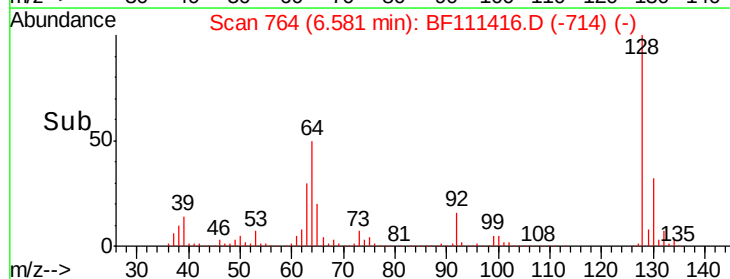
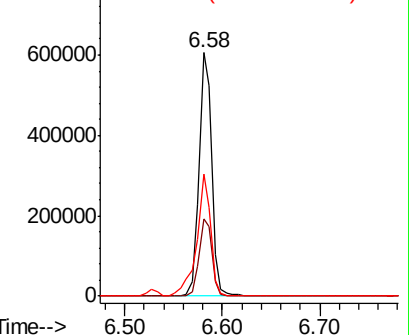
64 50.3 30.0 70.0

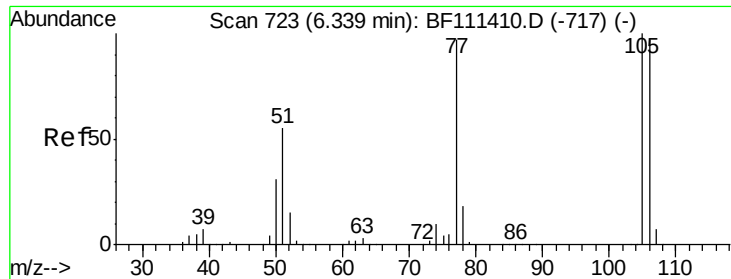


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.175 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampled :

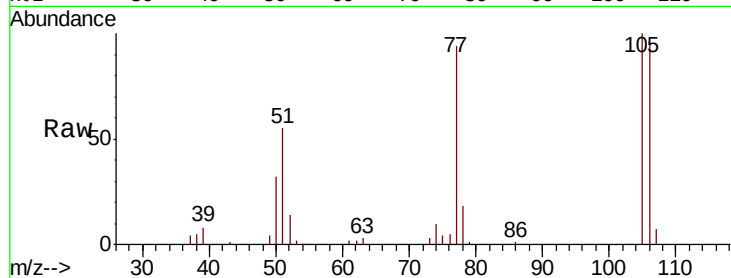
Tot Ion: 77 Resp: 334976

Ion Ratio Lower Upper

77 100

105 106.6 81.4 121.4

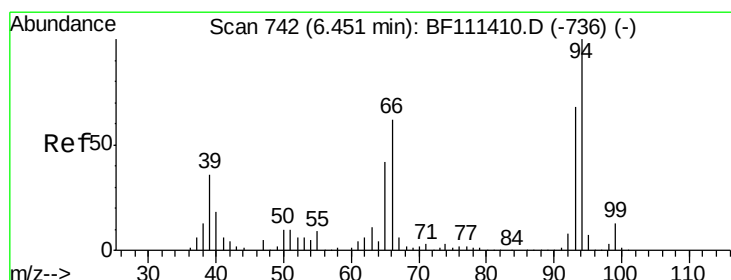
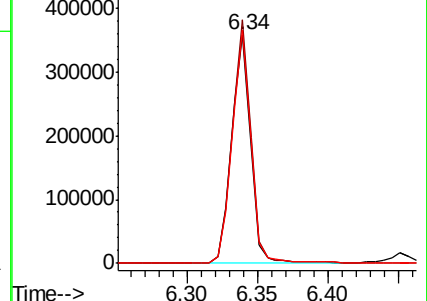
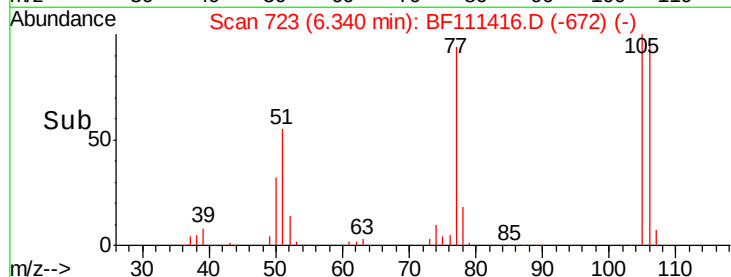
106 102.5 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.773 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

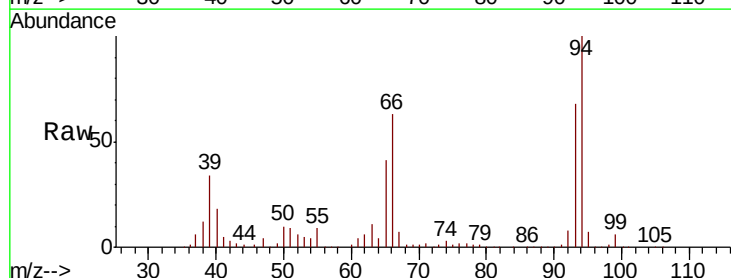
Tgt Ion: 94 Resp: 659397

Ion Ratio Lower Upper

94 100

65 41.4 11.7 51.7

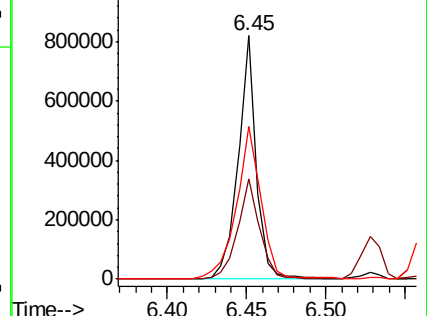
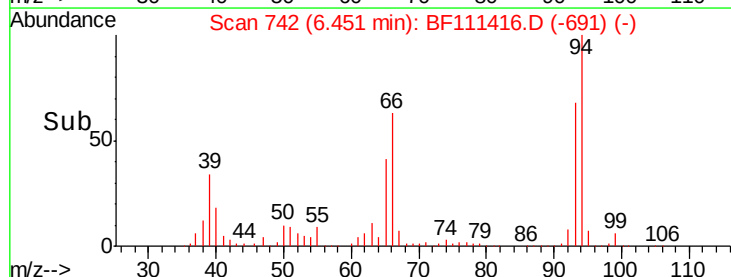
66 62.6 21.0 61.0#

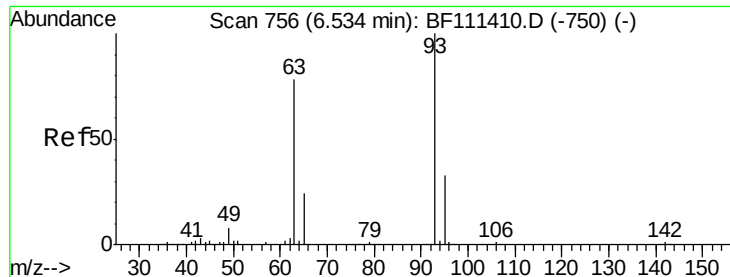


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.878 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

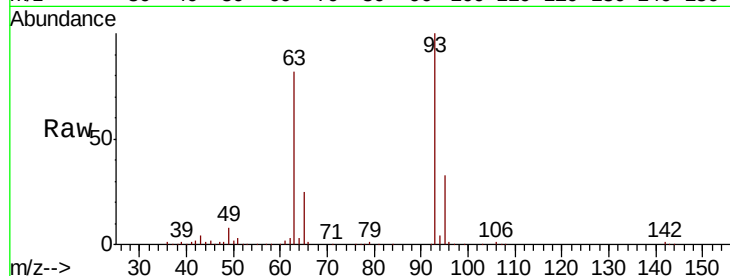
Tot Ion: 93 Resp: 518314

Ion Ratio Lower Upper

93 100

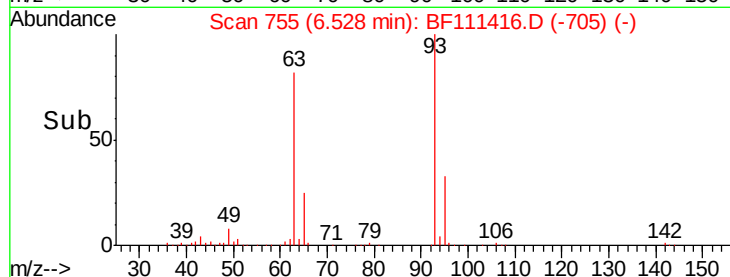
63 82.3 60.0 100.0

95 32.7 13.4 53.4

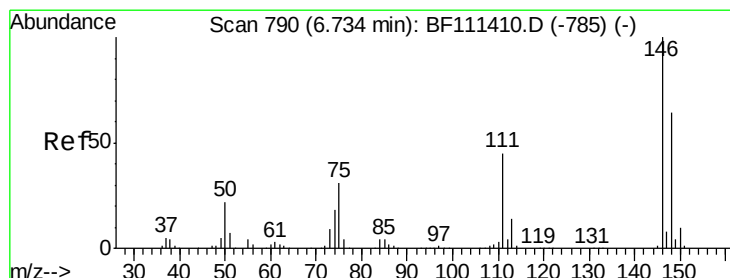


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

6.53



Time-->



#12

1,3-Dichlorobenzene

Concen: 38.559 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

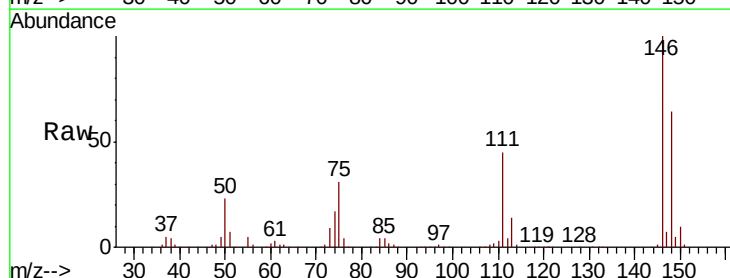
Tgt Ion: 146 Resp: 582062

Ion Ratio Lower Upper

146 100

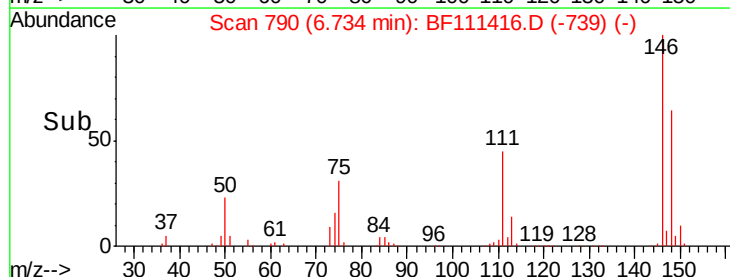
148 63.7 52.1 78.1

75 30.9 23.9 35.9

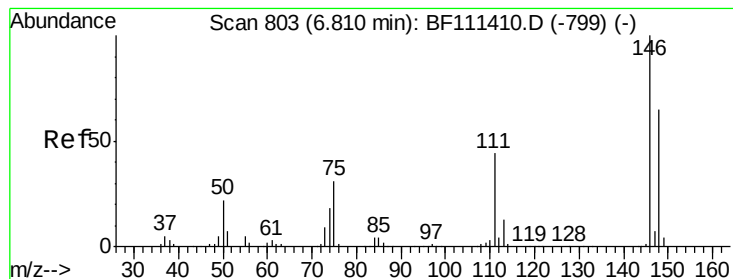


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

6.73



Time-->



#13

1,4-Dichlorobenzene

Concen: 39.247 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampled :

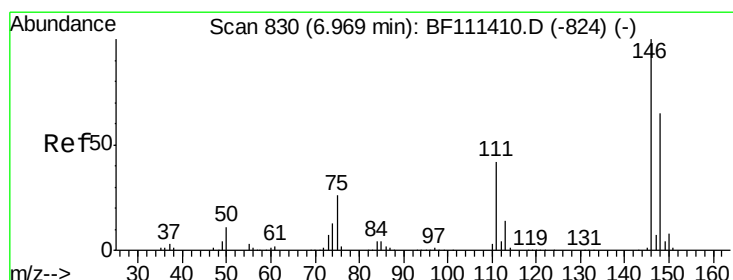
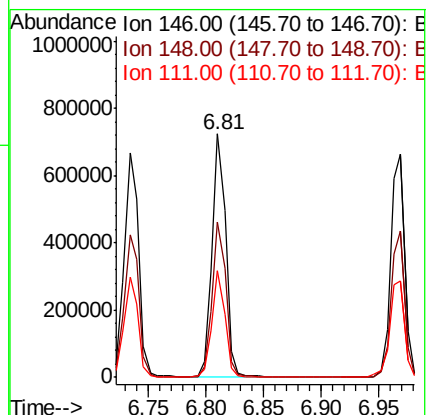
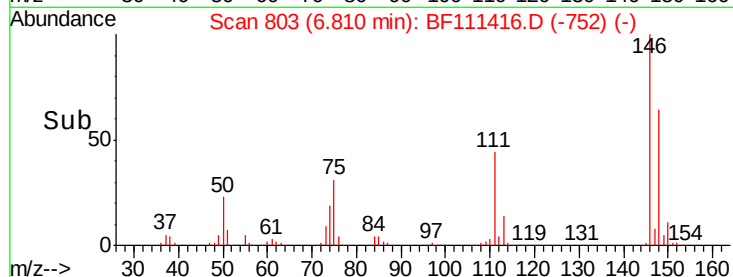
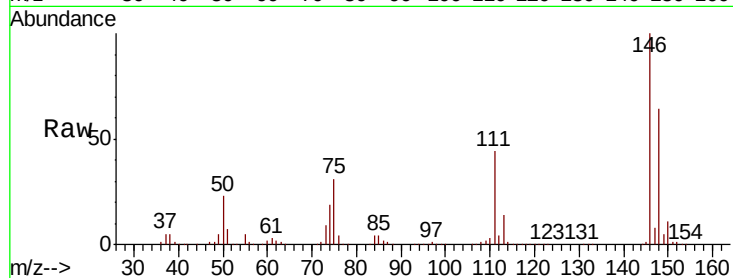
Tot Ion:146 Resp: 601355

Ion Ratio Lower Upper

146 100

148 63.9 52.8 79.2

111 43.8 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 38.723 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

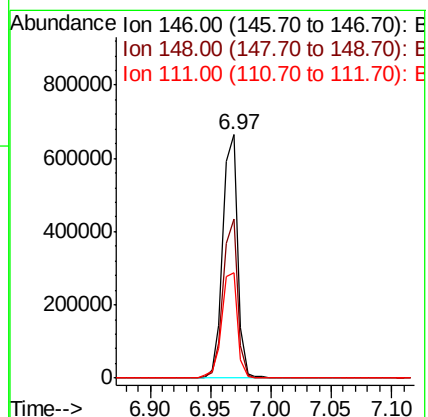
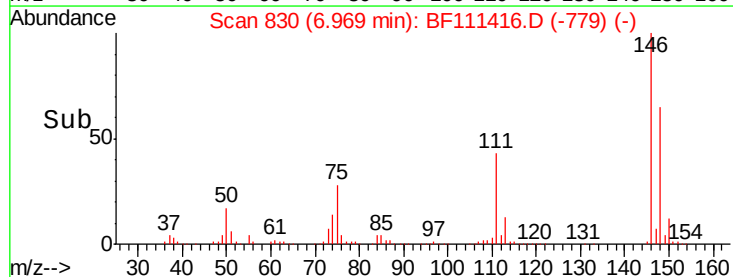
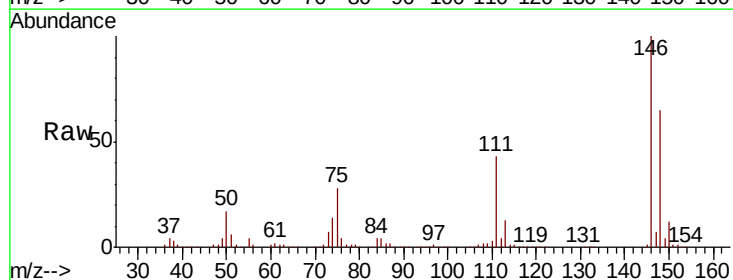
Tgt Ion:146 Resp: 558182

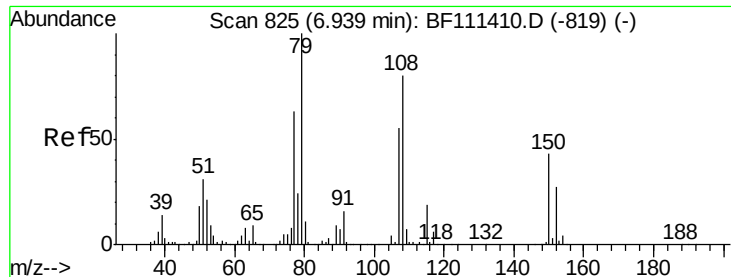
Ion Ratio Lower Upper

146 100

148 65.4 51.9 77.9

111 43.1 36.2 54.4





#15

Benzyl Alcohol

Concen: 38.973 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

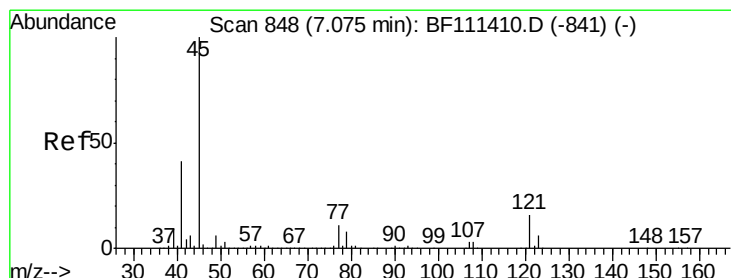
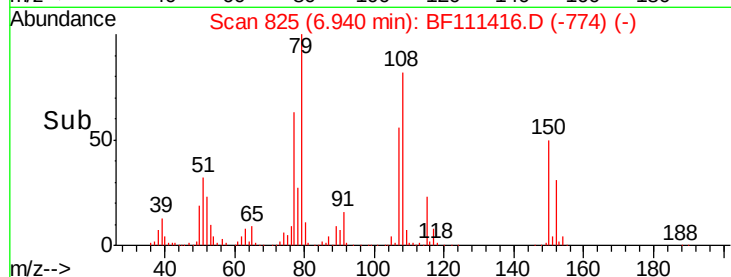
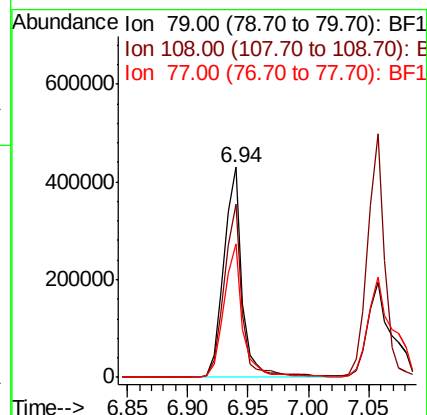
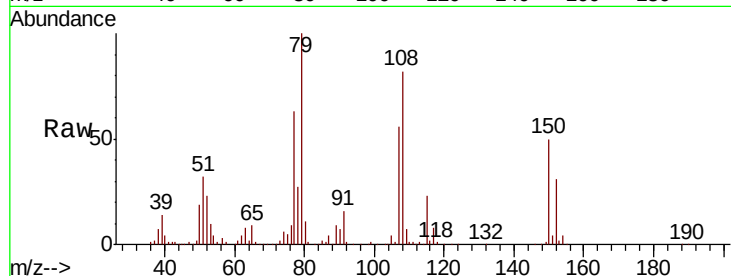
Tot Ion: 79 Resp: 452725

Ion Ratio Lower Upper

79 100

108 82.2 69.4 104.2

77 63.4 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.213 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

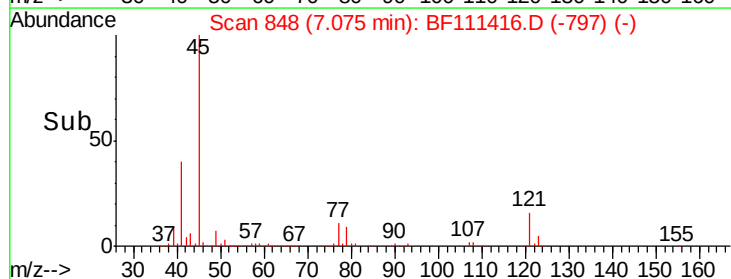
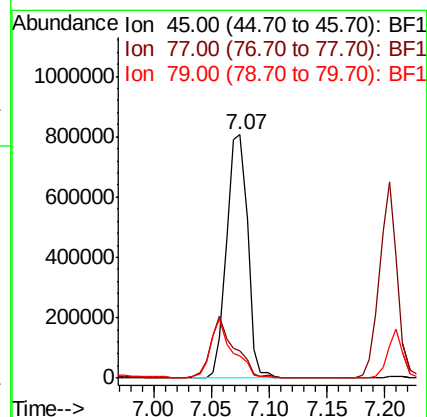
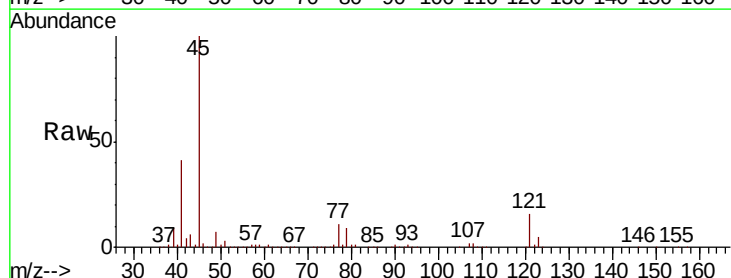
Tgt Ion: 45 Resp: 1020728

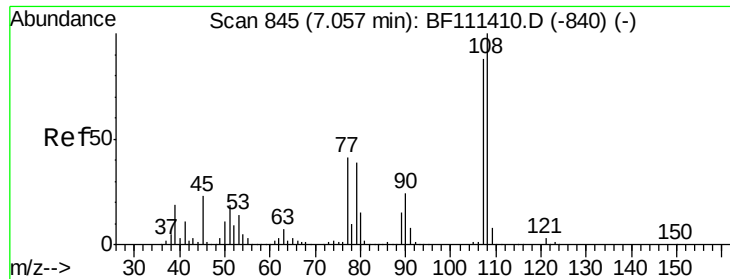
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.5

79 8.9 0.0 28.9

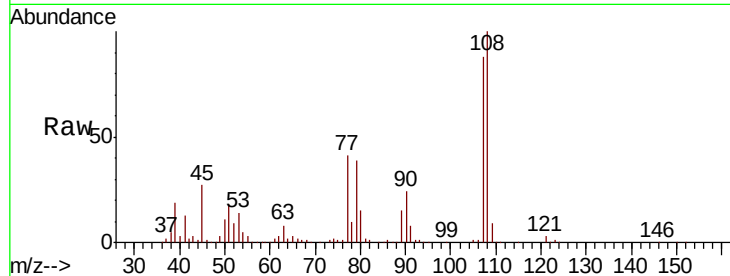




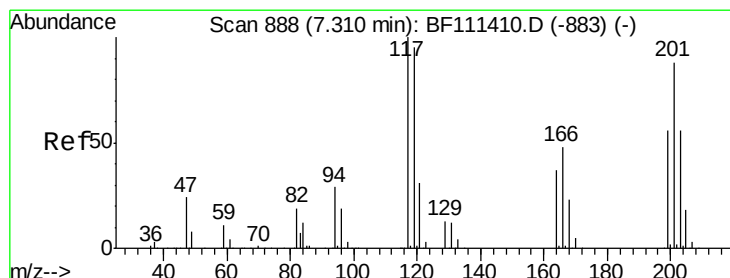
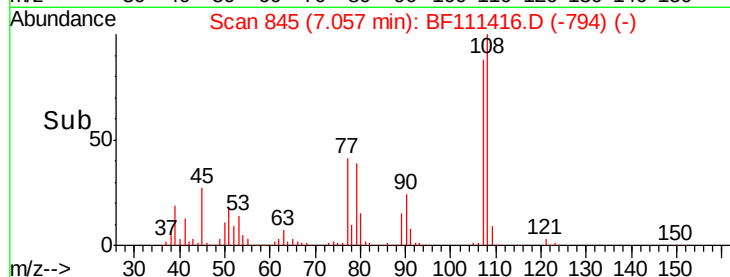
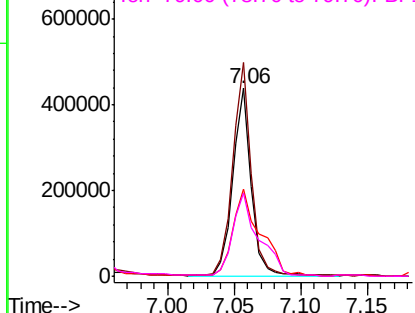
#17
2-Methylphenol
Concen: 38.481 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	424689
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	46.6	33.5	50.3
79	44.5	33.3	49.9

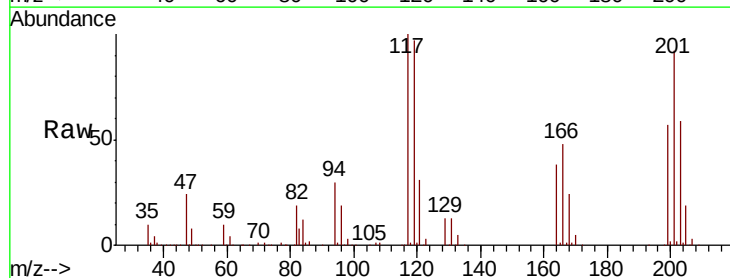


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

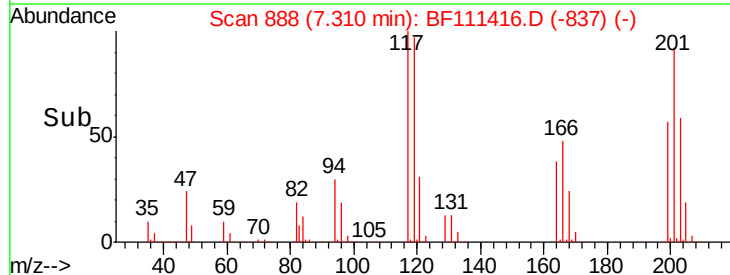
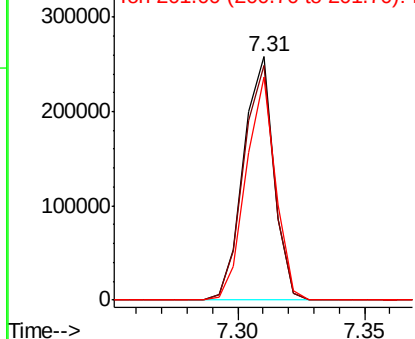


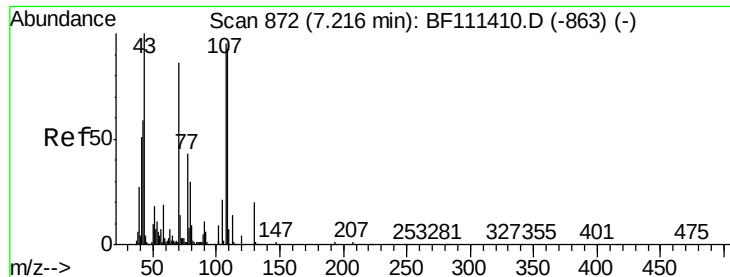
#18
Hexachloroethane
Concen: 37.874 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:	117	Resp:	215965
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0
201	91.8	62.4	93.6



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

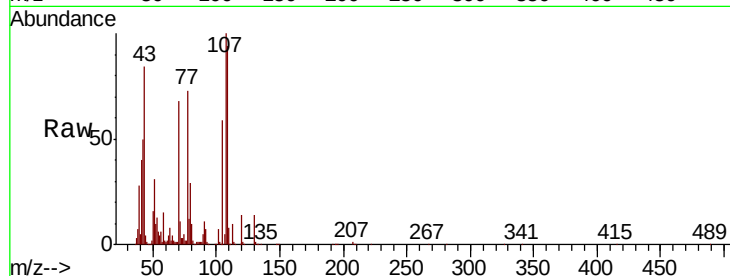




#19
n-Nitroso-di-n-propylamine
Concen: 37.790 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	380623
Ion	Ratio	Lower	Upper
70	100		
42	73.4	53.2	79.8
101	10.0	8.2	12.4
130	20.3	18.1	27.1



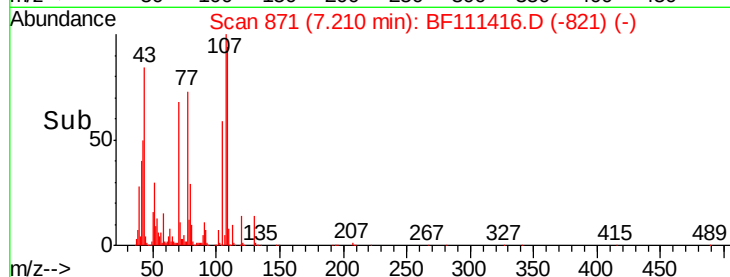
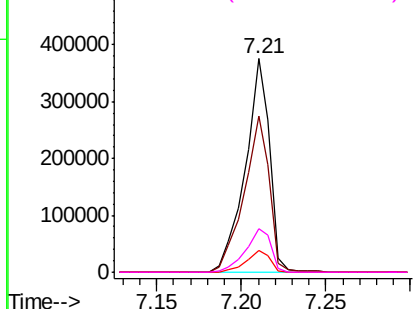
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.479 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:	107	Resp:	532695
Ion	Ratio	Lower	Upper
107	100		
108	93.9	72.1	112.1
77	72.9	94.1	134.1#
79	29.5	9.8	49.8

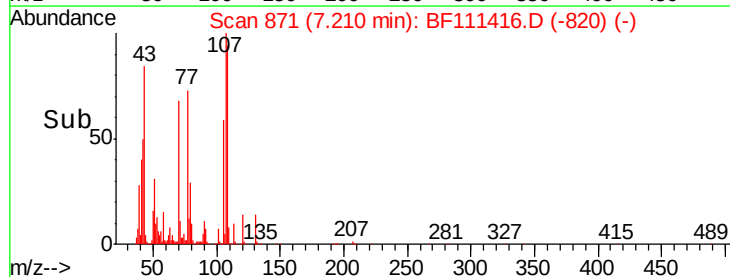
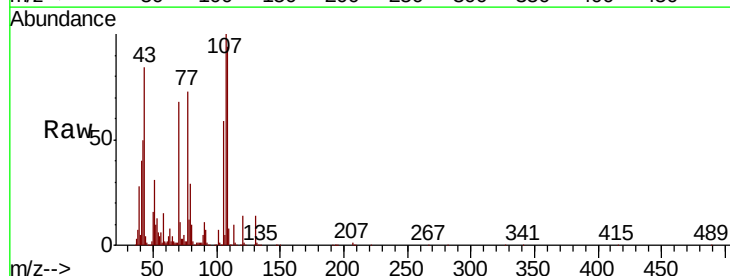
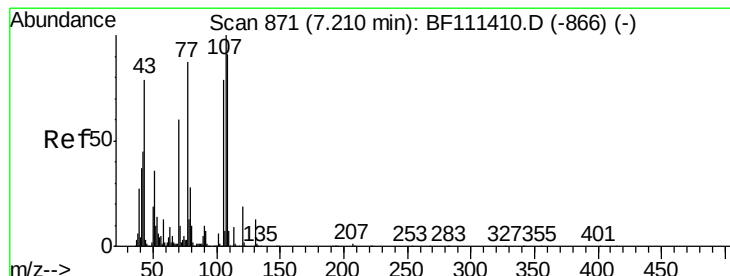
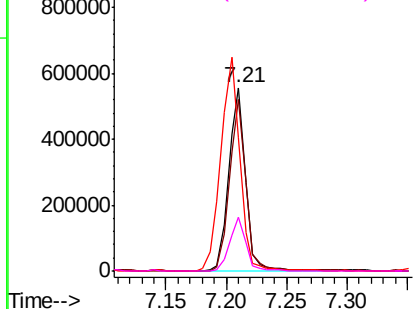
Abundance

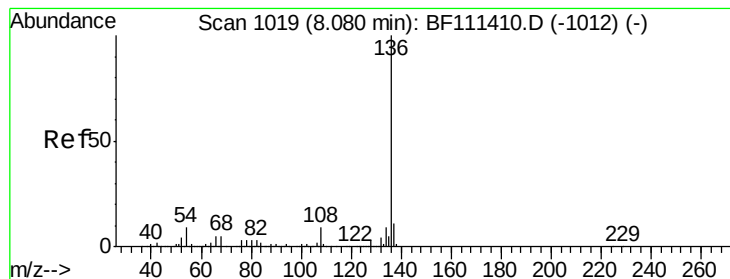
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 799796

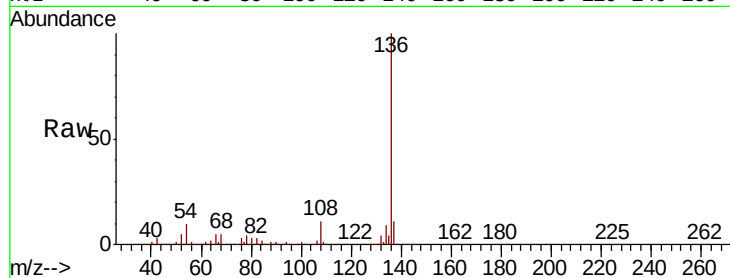
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.3 7.7 11.5

68 5.1 4.9 7.3

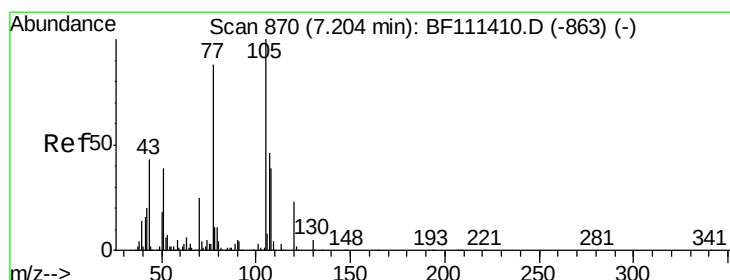
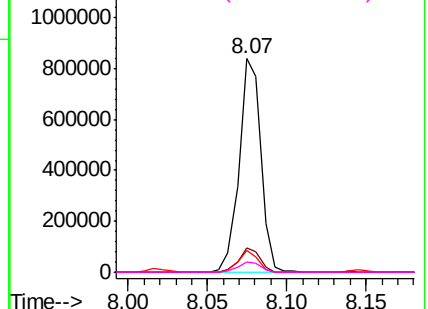
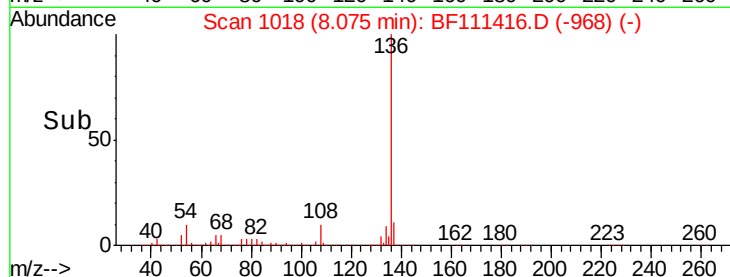


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.953 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Tgt Ion:105 Resp: 731180

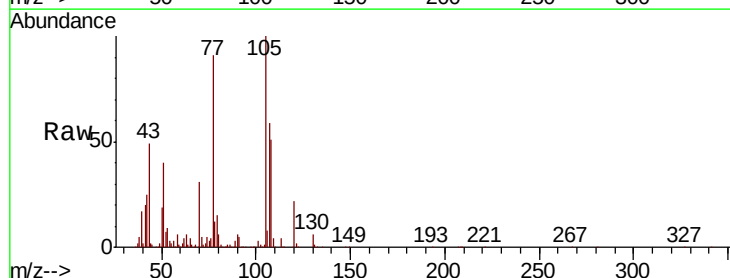
Ion Ratio Lower Upper

105 100

71 4.9 3.1 4.7#

51 39.9 36.6 54.8

120 22.1 18.2 27.4

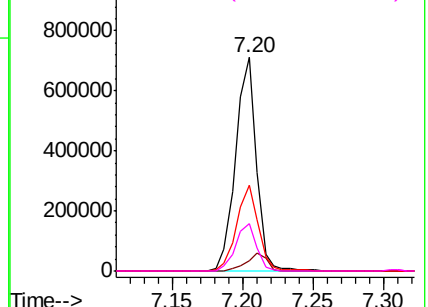
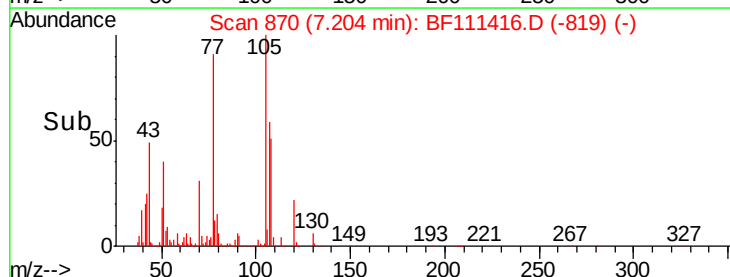


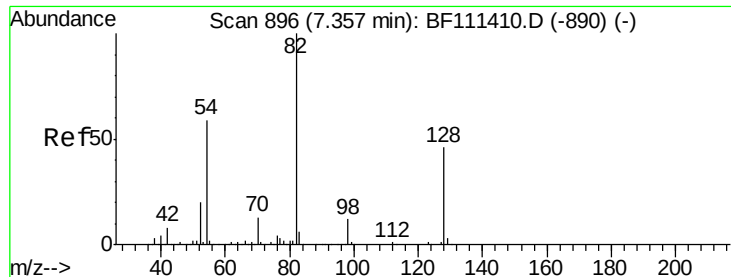
Abundance Ion 105.00 (104.70 to 105.70): E

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

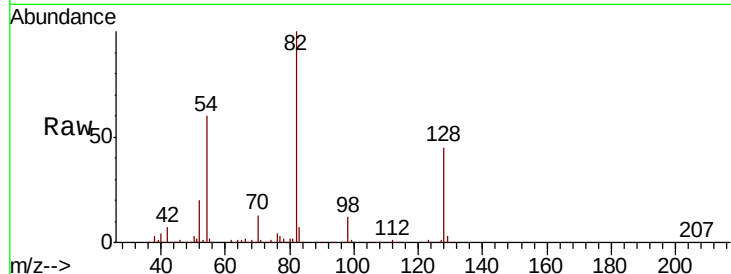




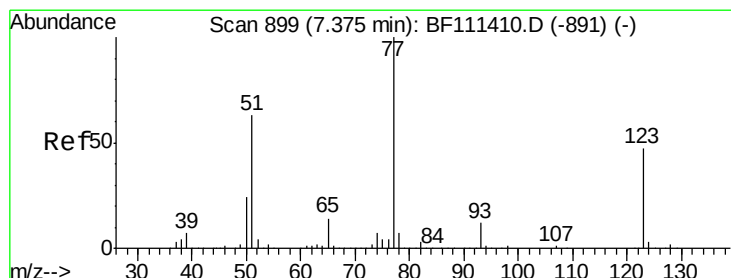
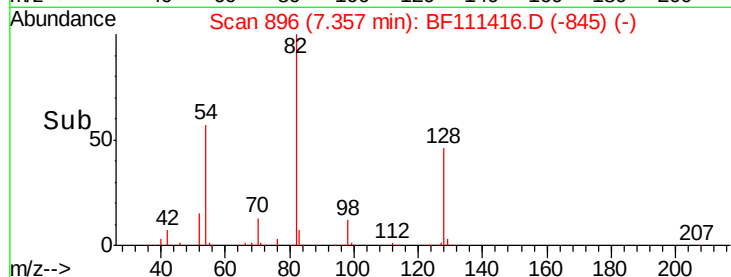
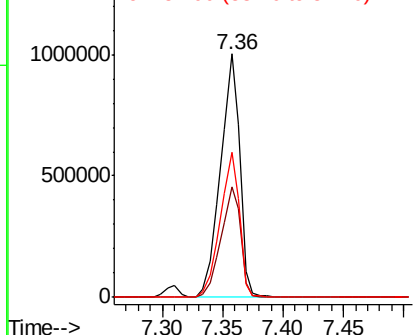
#23
Nitrobenzene-d5
Concen: 81.759 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1098108
Ion Ratio Lower Upper
82 100
128 45.5 37.4 56.2
54 59.6 47.6 71.4

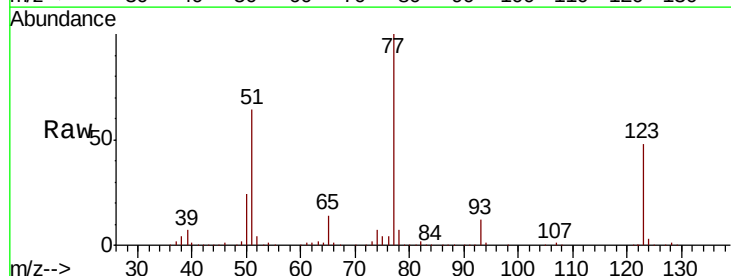


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

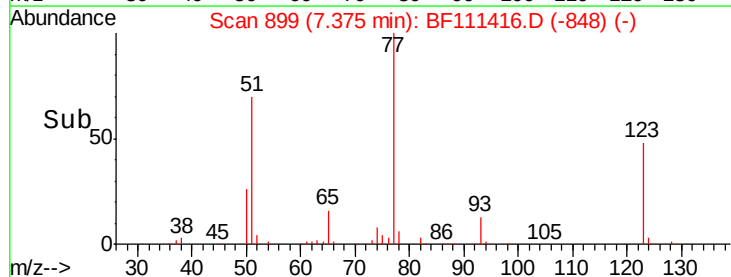
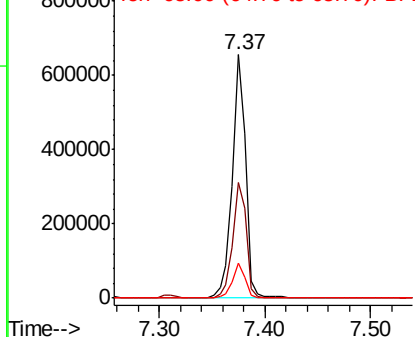


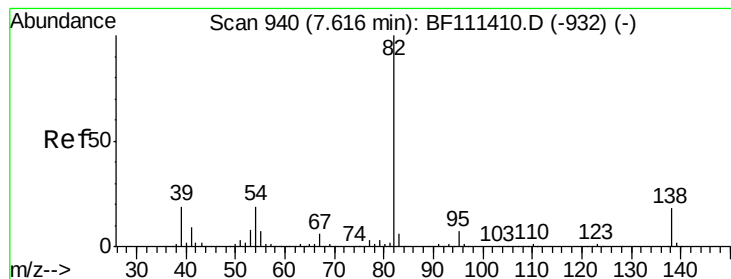
#24
Nitrobenzene
Concen: 40.899 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion: 77 Resp: 560363
Ion Ratio Lower Upper
77 100
123 47.7 37.2 55.8
65 14.4 11.5 17.3



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





#25

Isophorone

Concen: 39.577 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

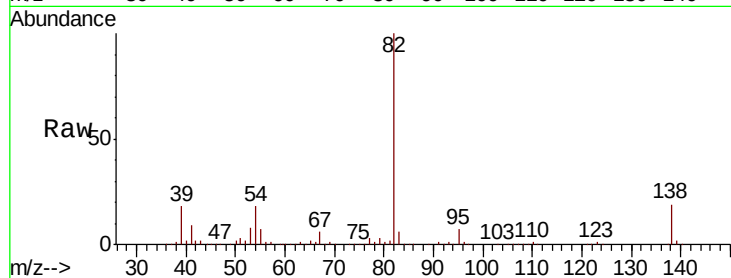
Tot Ion: 82 Resp: 899397

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

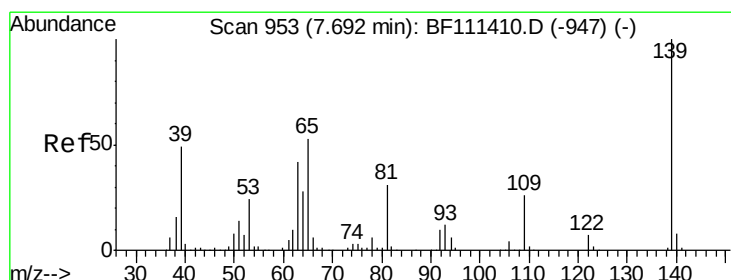
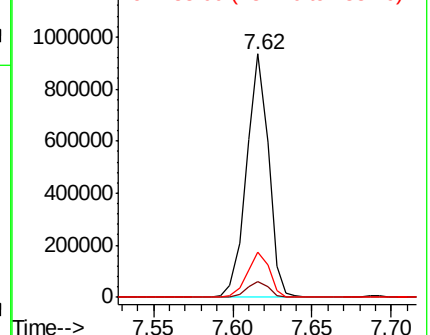
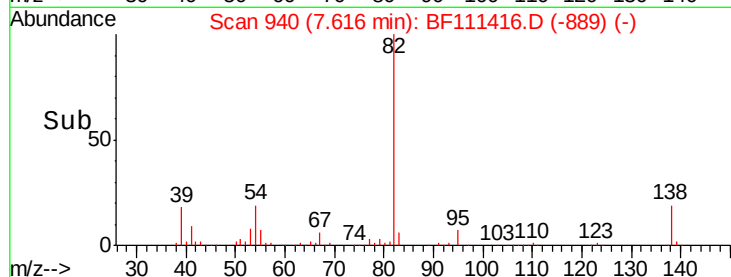
138 18.6 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.649 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

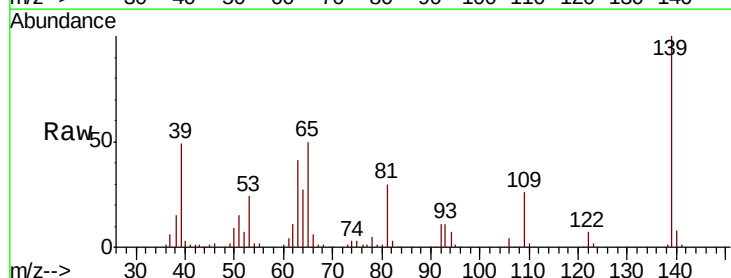
Tgt Ion: 139 Resp: 288825

Ion Ratio Lower Upper

139 100

109 25.7 20.2 30.4

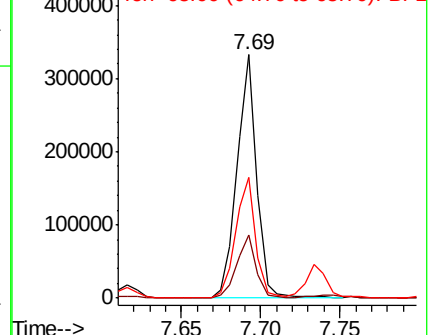
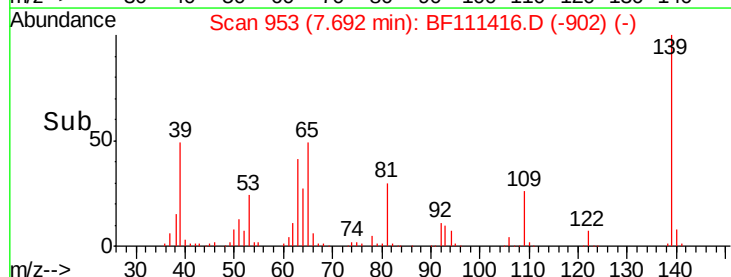
65 49.6 40.7 61.1

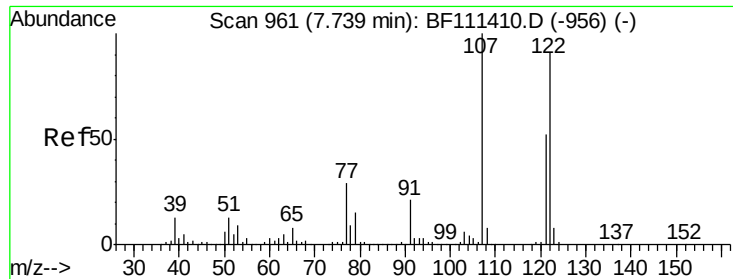


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

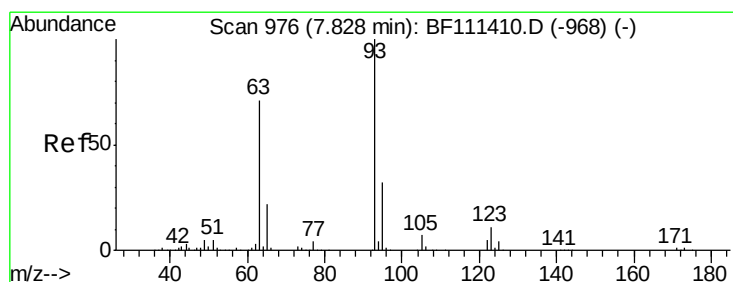
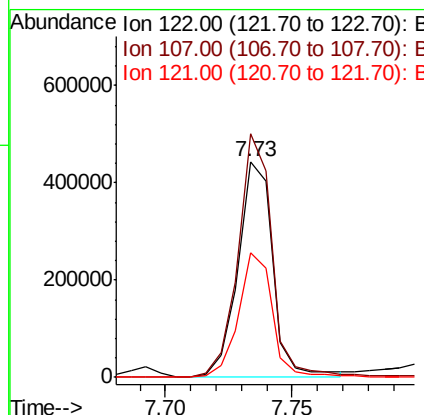
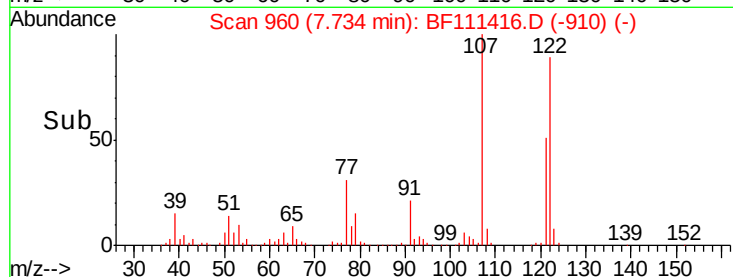
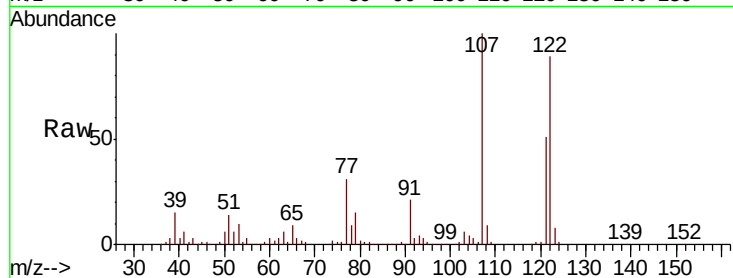




#27
2,4-Dimethylphenol
Concen: 41.090 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

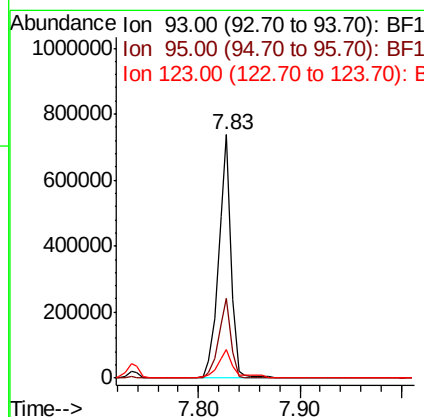
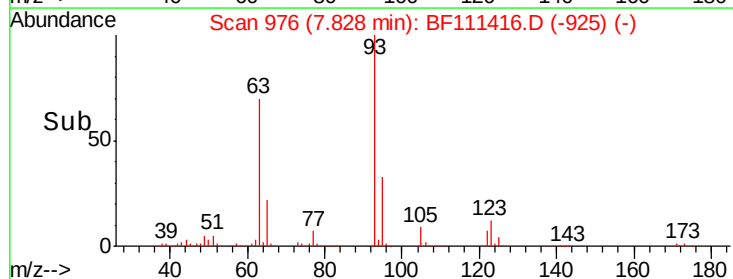
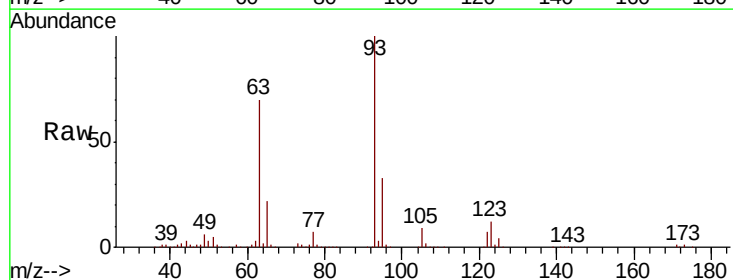
Instrument :
BNA_F
ClientSampleId :

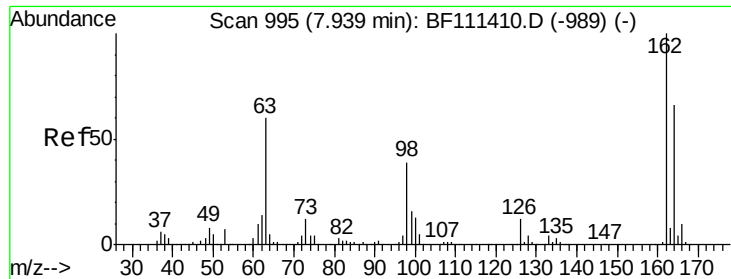
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	85.5	128.3
121	57.5	46.6	70.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.681 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.1	40.7
123	11.8	9.9	14.9

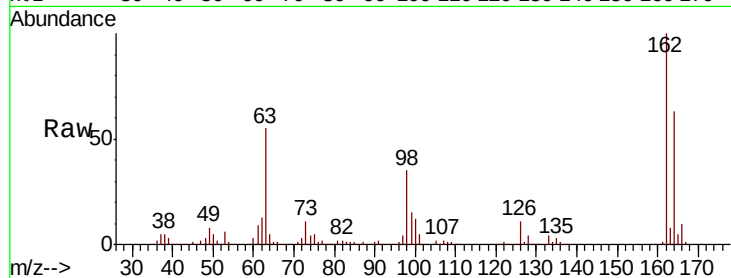




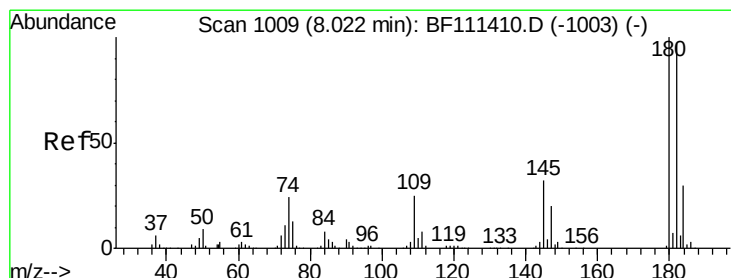
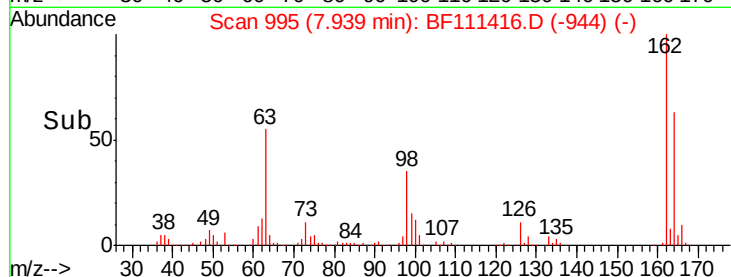
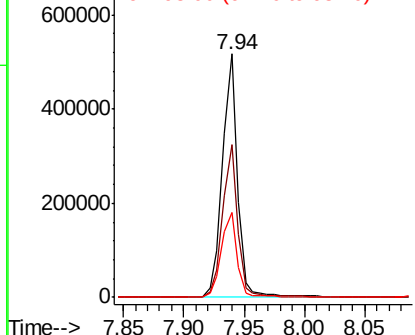
#29
2,4-Dichlorophenol
Concen: 41.067 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.4	84.4
98	35.0	20.3	60.3

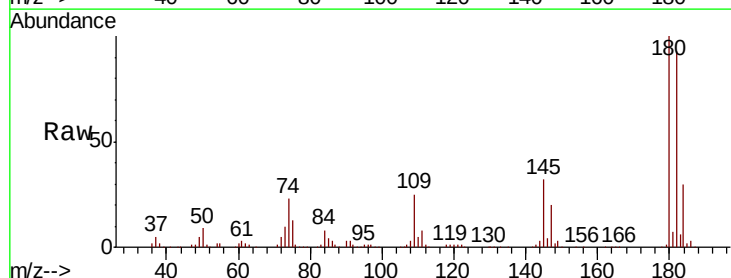


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

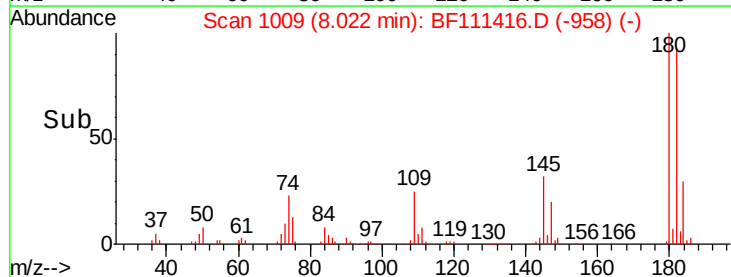
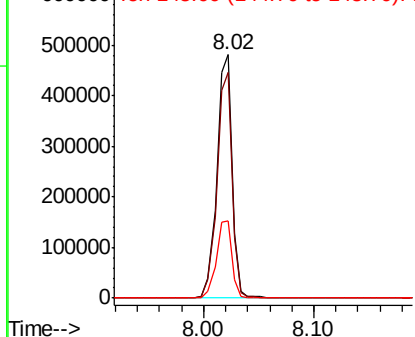


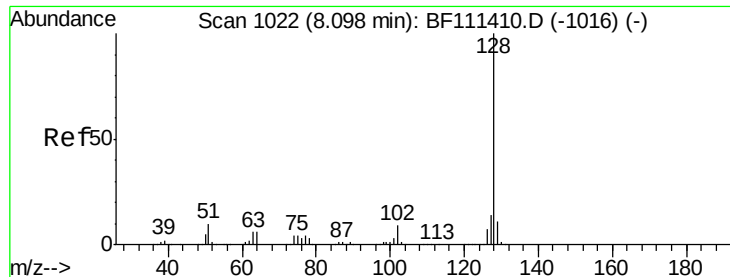
#30
1,2,4-Trichlorobenzene
Concen: 39.810 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.6	113.4
145	31.6	26.7	40.1



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

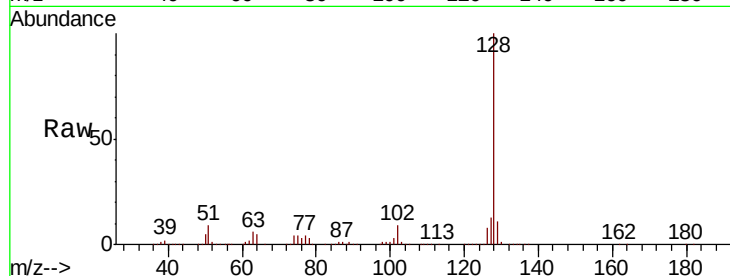




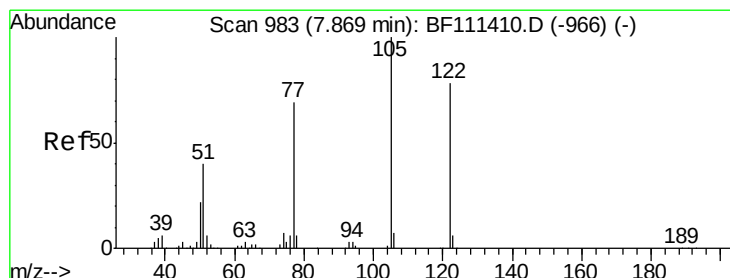
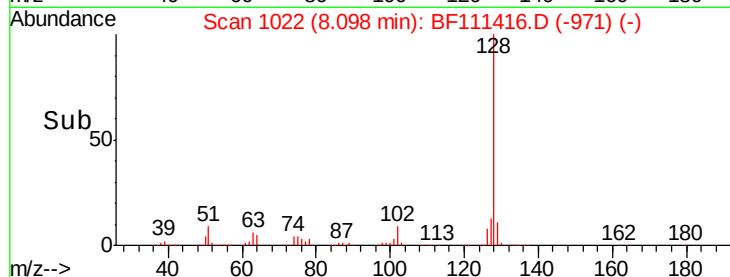
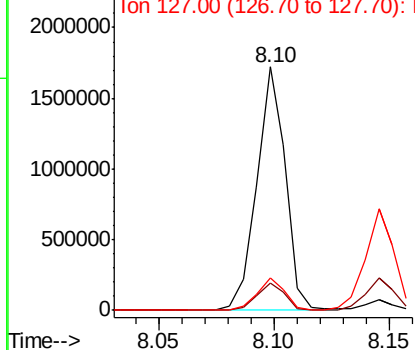
#31
Naphthalene
Concen: 39.791 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1488516
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 13.2 12.0 18.0

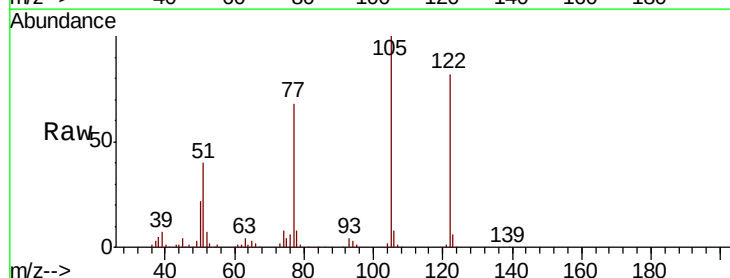


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

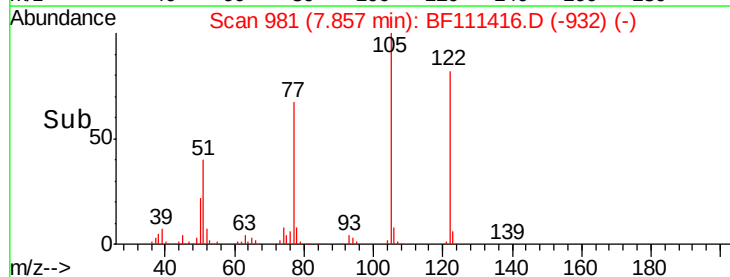
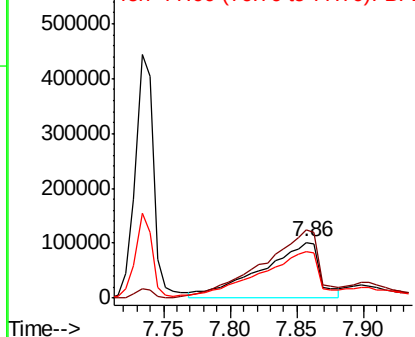


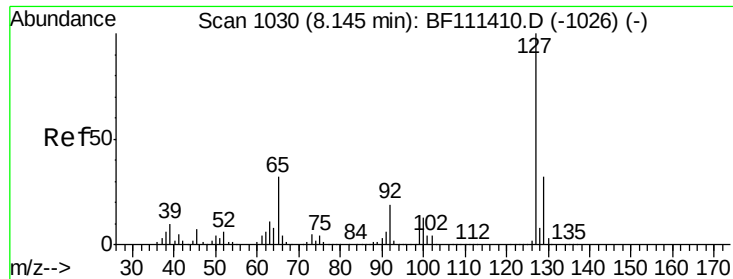
#32
Benzoic acid
Concen: 34.103 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:122 Resp: 303567
Ion Ratio Lower Upper
122 100
105 122.6 97.0 137.0
77 83.2 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

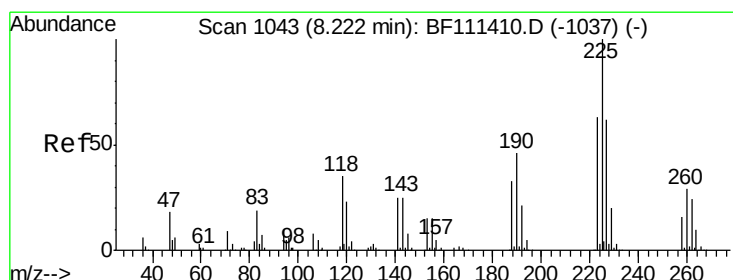
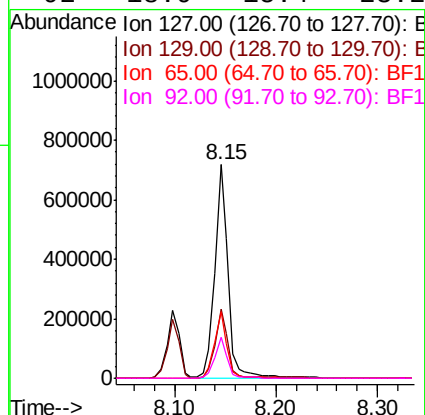
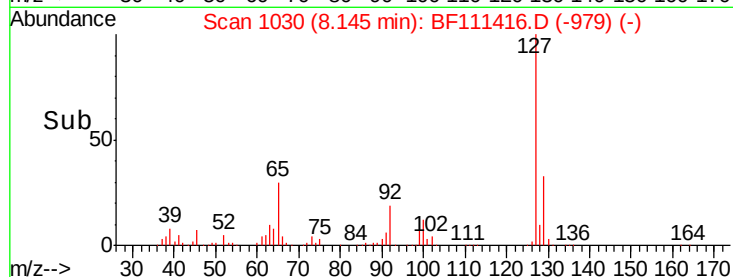
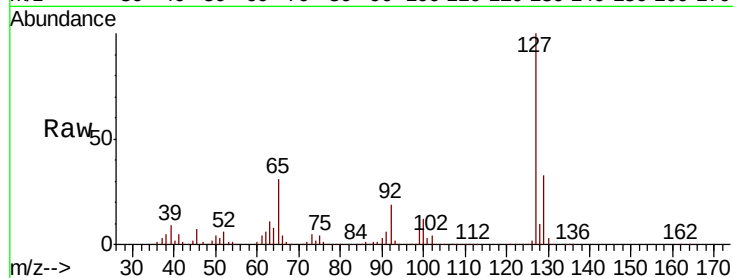




#33
4-Chloroaniline
Concen: 39.237 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

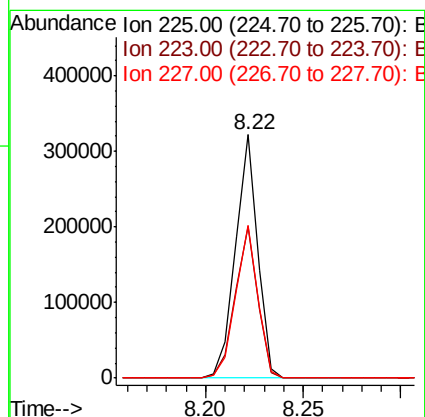
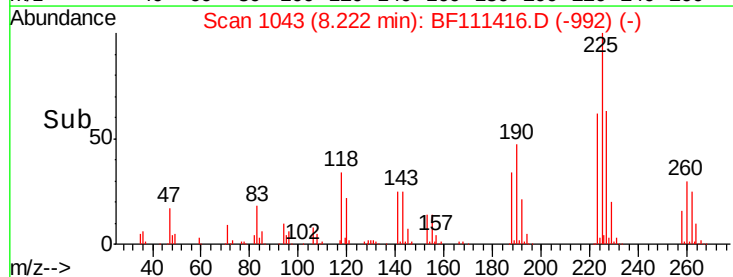
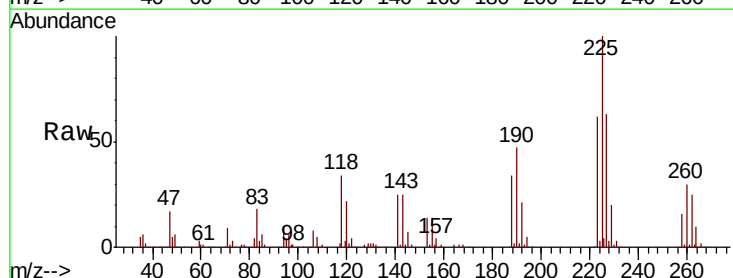
Instrument :
BNA_F
ClientSampled :

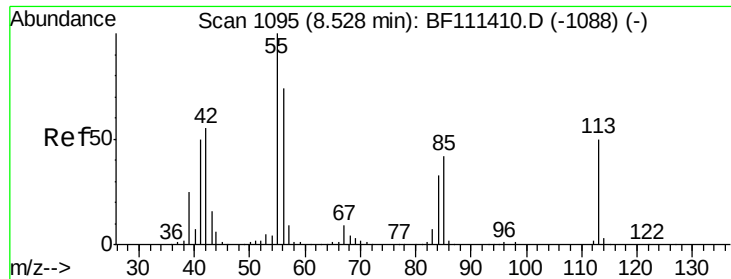
Tot Ion:	127	Resp:	652677
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	30.9	25.7	38.5
92	18.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.169 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:	225	Resp:	254750
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	62.8	52.6	78.8

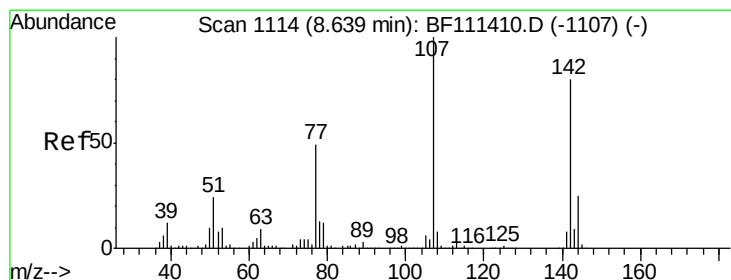
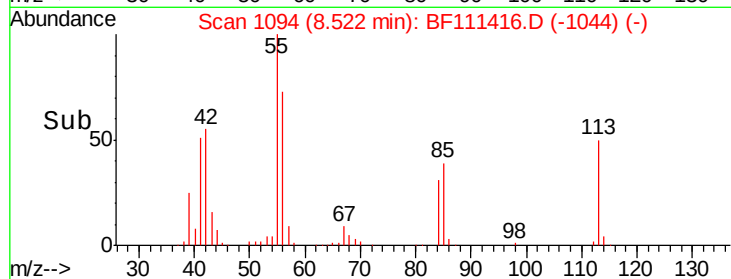
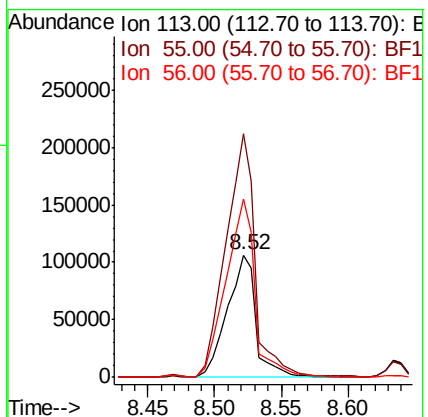
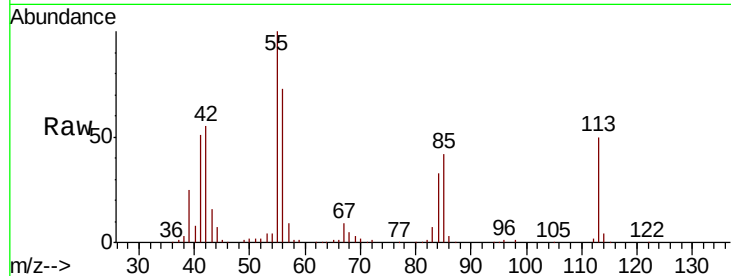




#35
 Caprolactam
 Concen: 39.507 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111416.D
 Acq: 14 Dec 2018 14:01

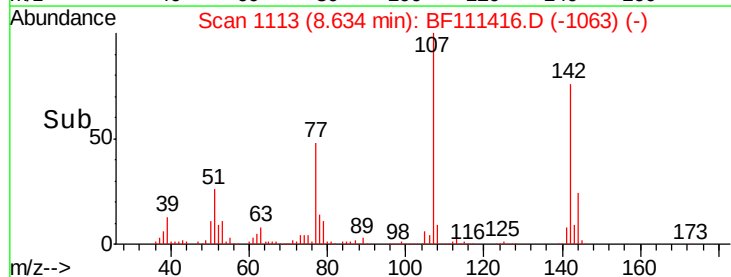
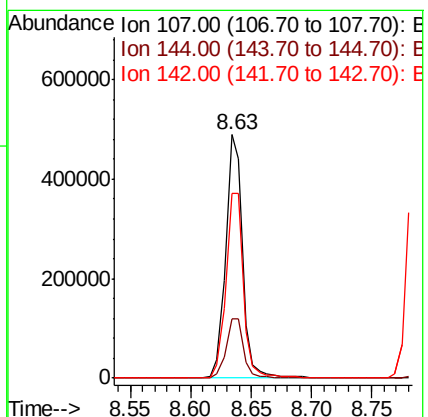
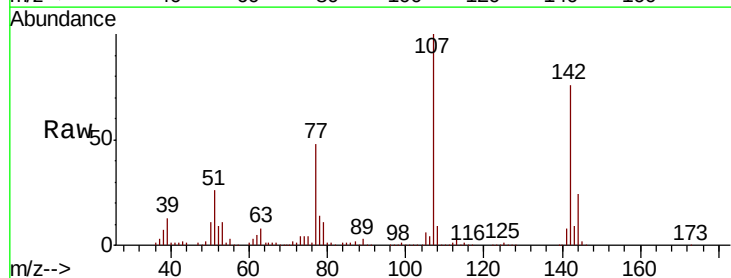
Instrument :
 BNA_F
 ClientSampleId :

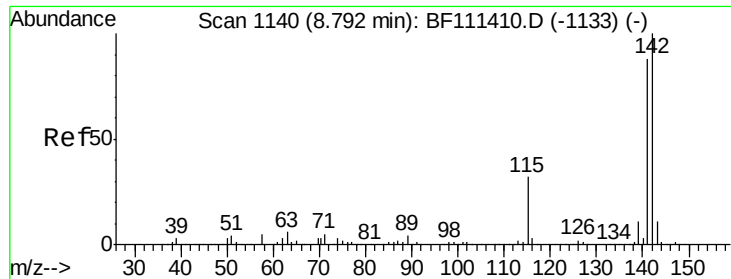
Tot Ion:113 Resp: 161292
 Ion Ratio Lower Upper
 113 100
 55 199.5 184.1 224.1
 56 145.7 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.534 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF111416.D
 Acq: 14 Dec 2018 14:01

Tgt Ion:107 Resp: 478516
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.8 29.6
 142 75.7 62.3 93.5

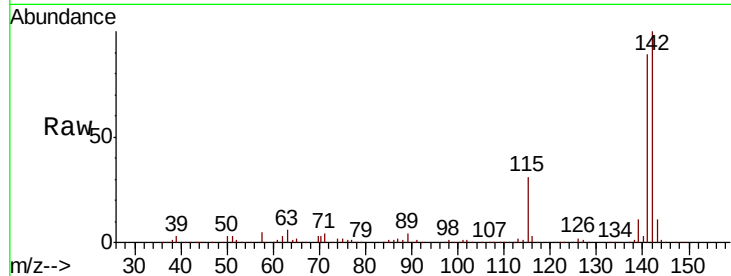




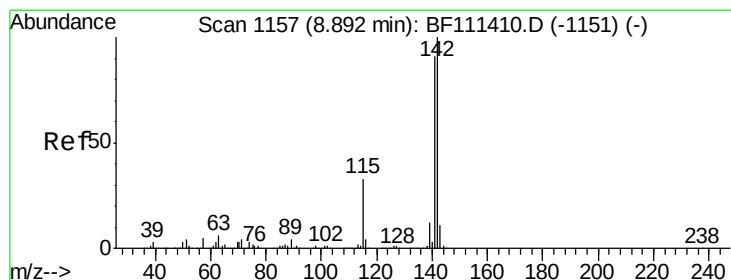
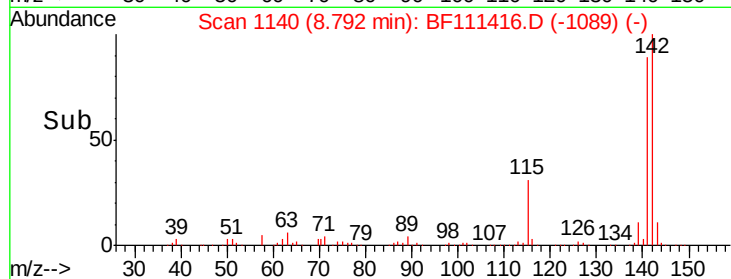
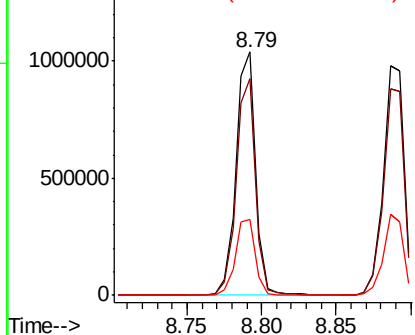
#37
2-Methylnaphthalene
Concen: 37.807 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	105.8
115	31.2	27.0	40.6

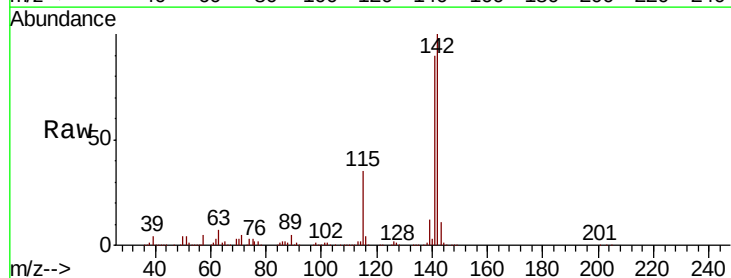


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

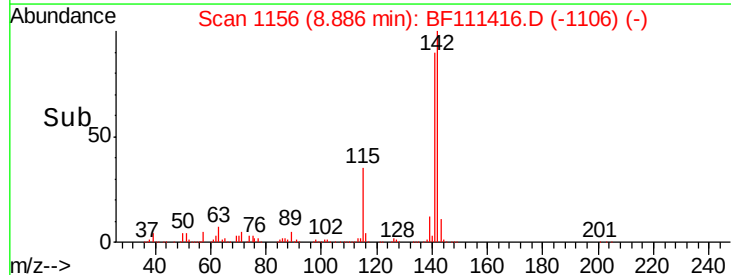
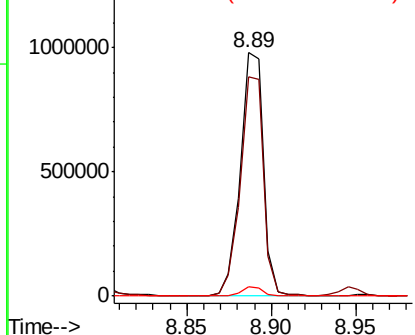


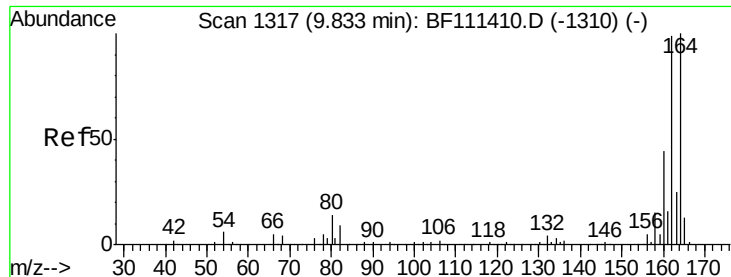
#38
1-Methylnaphthalene
Concen: 38.004 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.2	111.4
116	3.7	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: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

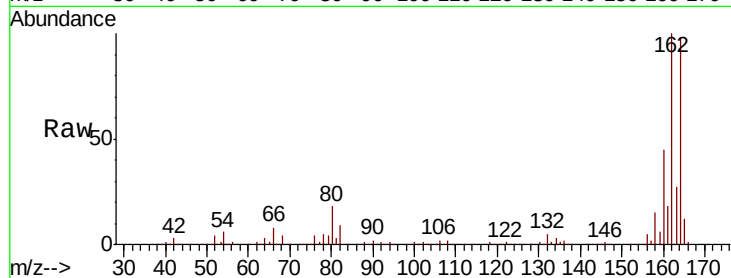
Tot Ion:164 Resp: 383783

Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.0

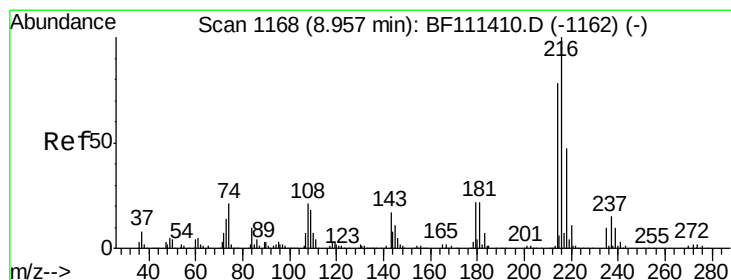
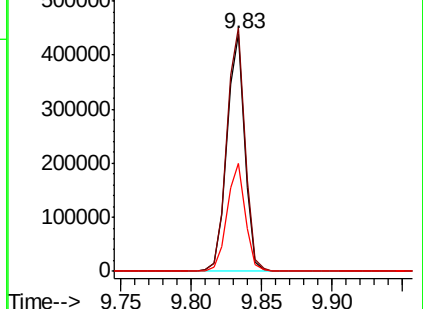
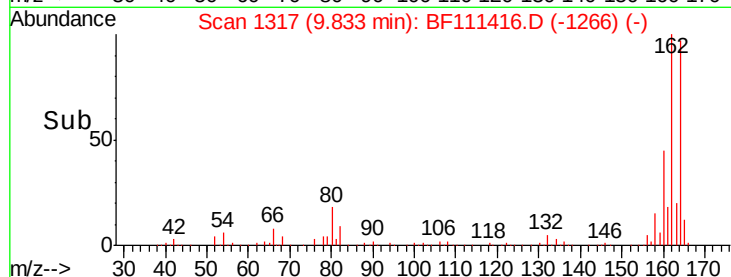
160 45.6 35.7 53.5



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: 39.258 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Tgt Ion:216 Resp: 413191

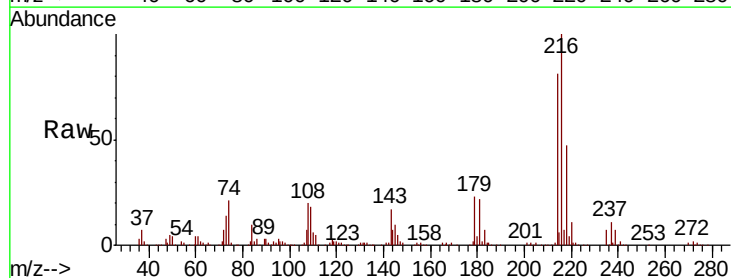
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.8

179 22.4 17.9 26.9

108 20.9 18.4 27.6

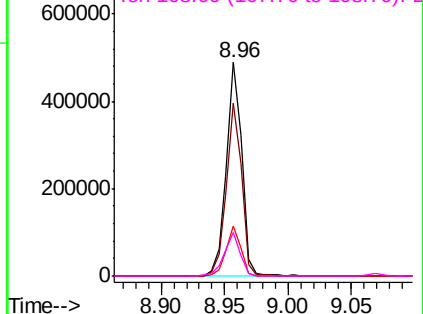
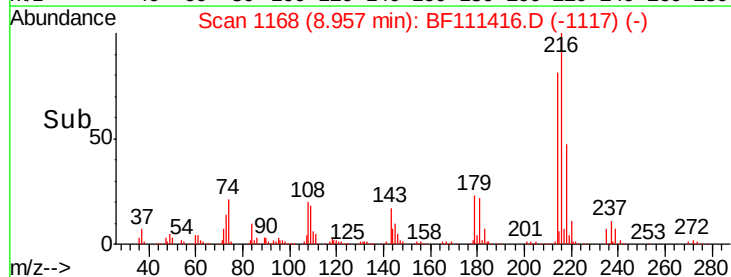


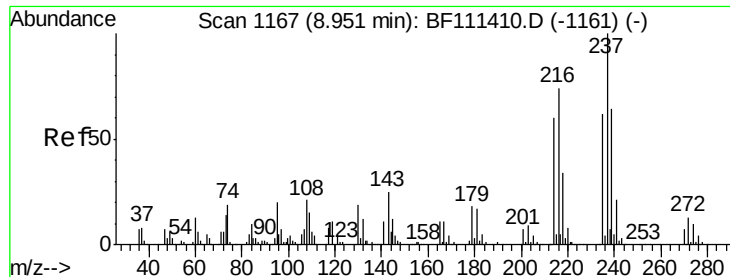
Abundance Ion 216.00 (215.70 to 216.70): E

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

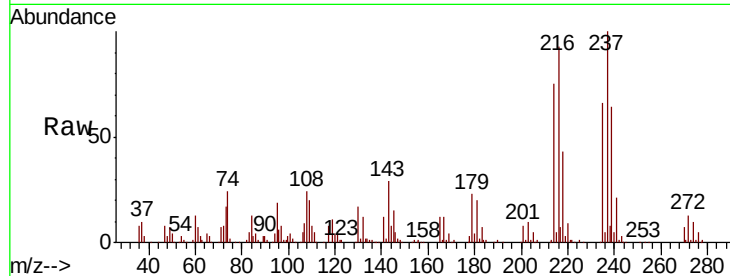




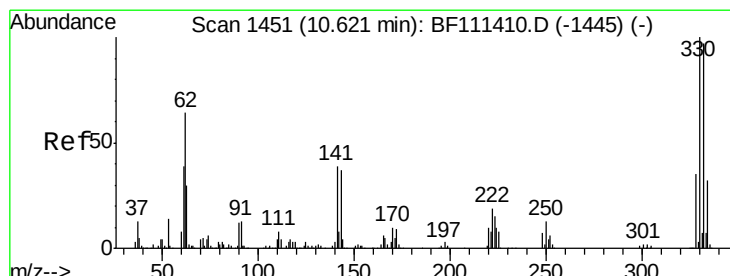
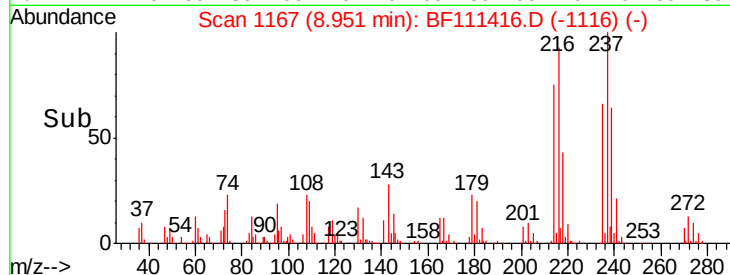
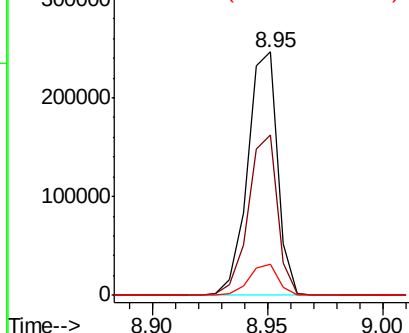
#41
Hexachlorocyclopentadiene
Concen: 41.426 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.9	43.1	83.1
272	12.9	0.0	33.0

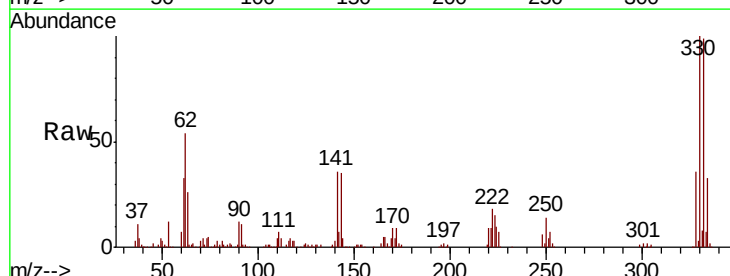


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

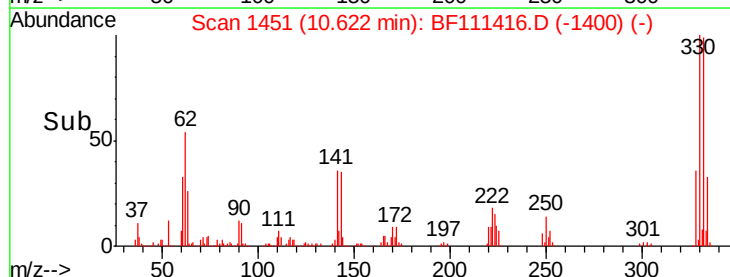
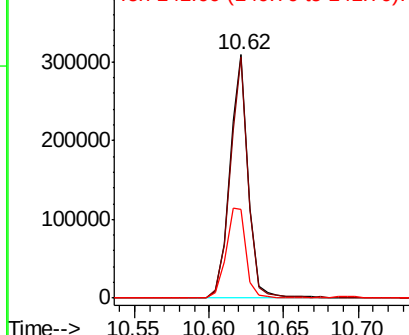


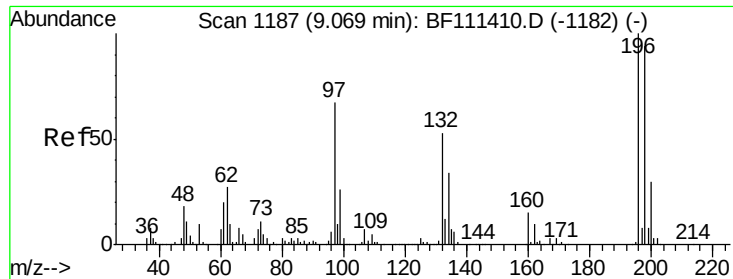
#42
2,4,6-Tribromophenol
Concen: 78.646 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	40.9	31.0	46.6



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

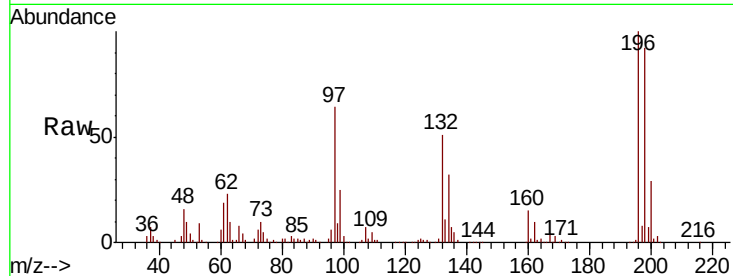




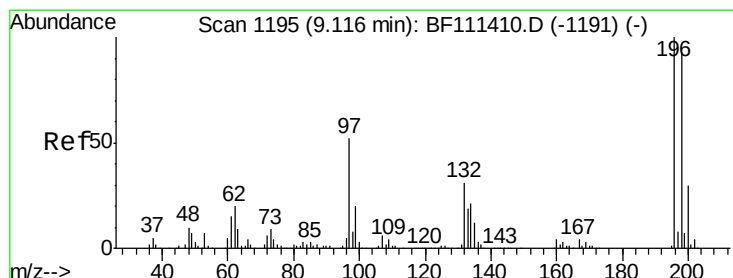
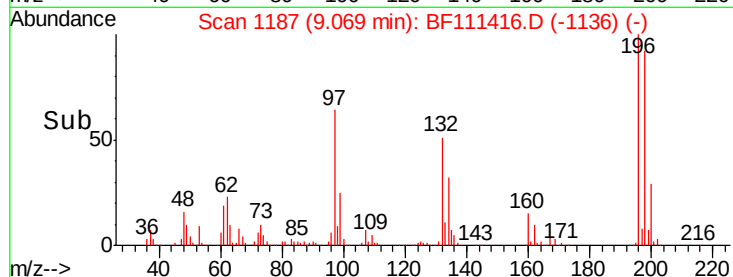
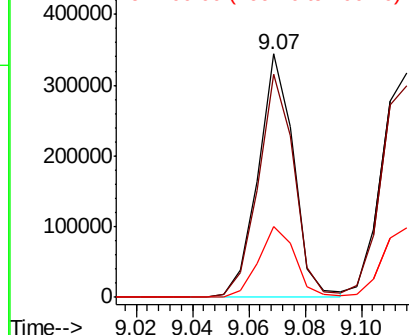
#43
2,4,6-Trichlorophenol
Concen: 40.228 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 299664
Ion Ratio Lower Upper
196 100
198 91.8 76.3 114.5
200 28.9 24.9 37.3

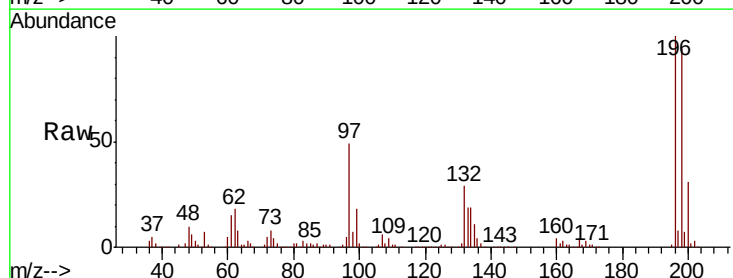


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

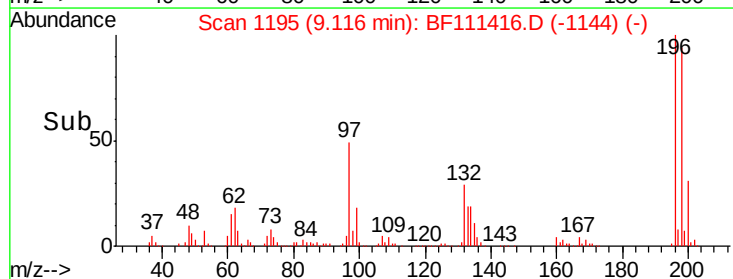
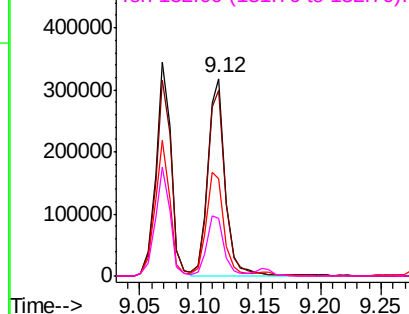


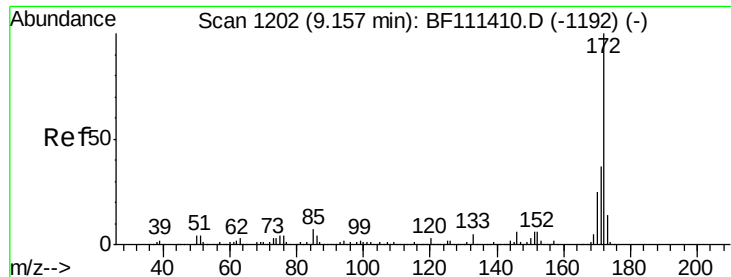
#44
2,4,5-Trichlorophenol
Concen: 40.065 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:196 Resp: 317588
Ion Ratio Lower Upper
196 100
198 93.9 72.9 109.3
97 49.2 45.3 67.9
132 29.0 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

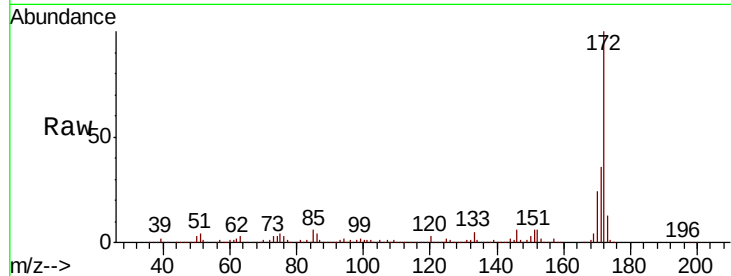




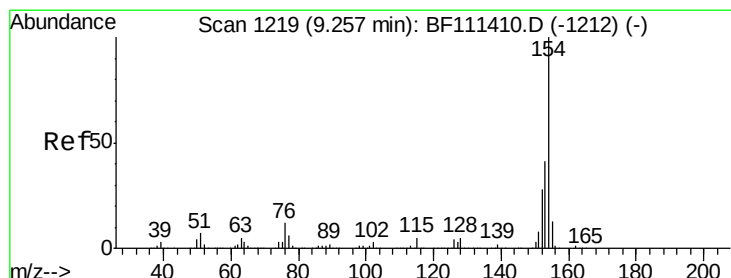
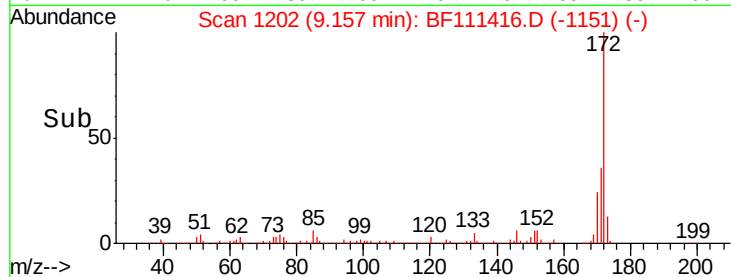
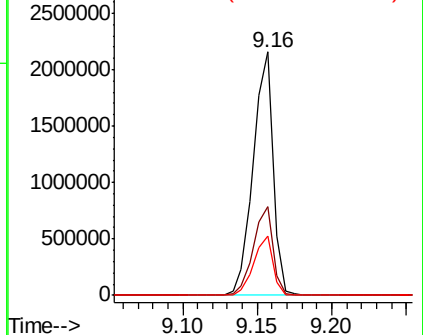
#45
2-Fluorobiphenyl
Concen: 79.953 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1986535
Ion Ratio Lower Upper
172 100
171 36.3 33.0 49.4
170 24.3 22.3 33.5

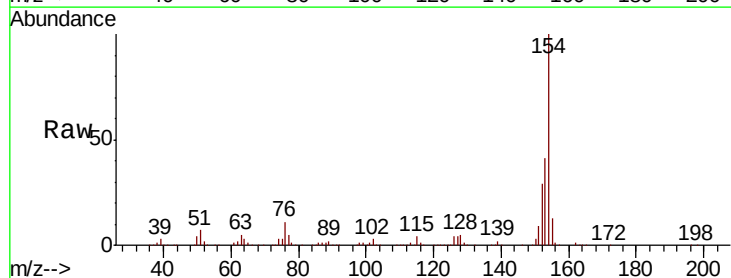


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

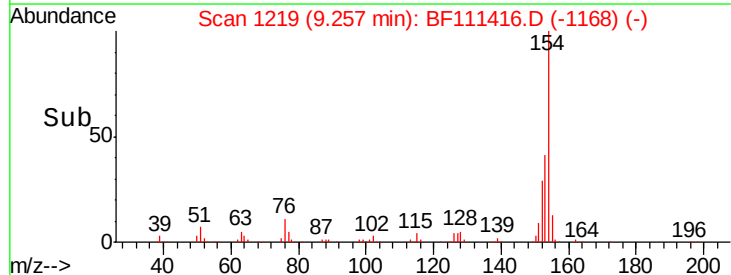
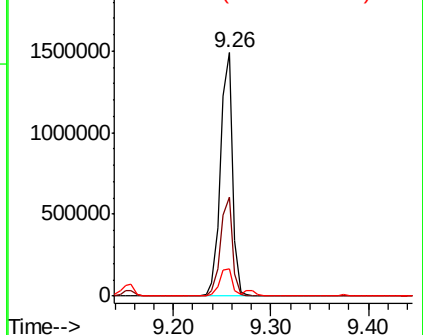


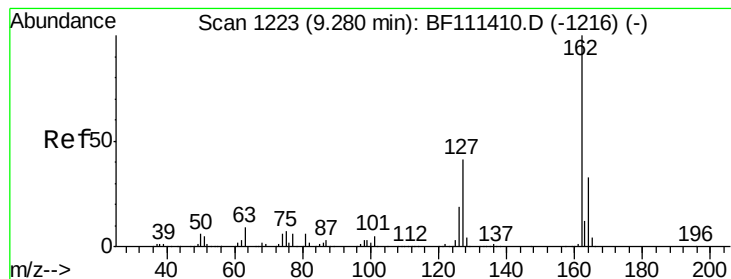
#46
1,1'-Biphenyl
Concen: 39.518 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:154 Resp: 1285077
Ion Ratio Lower Upper
154 100
153 40.8 23.7 63.7
76 11.3 0.0 35.0



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: 39.486 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

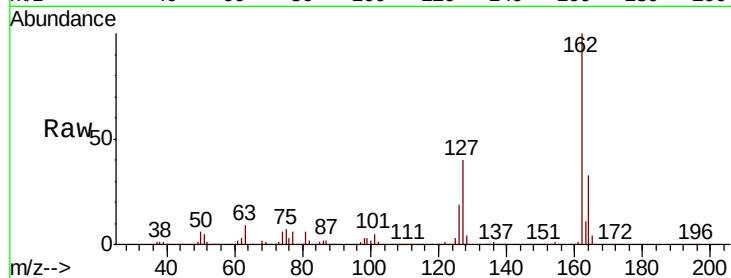
Tot Ion:162 Resp: 976021

Ion Ratio Lower Upper

162 100

127 40.0 35.0 52.4

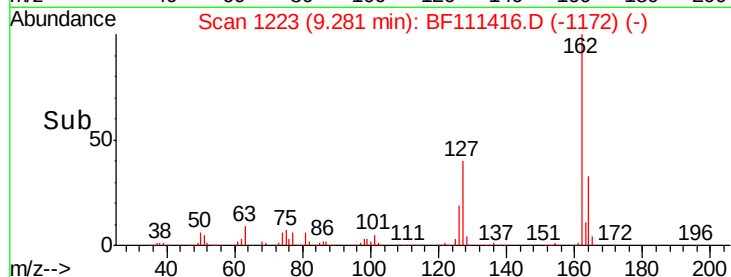
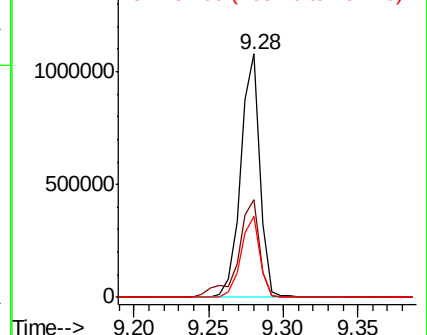
164 33.5 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.264 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

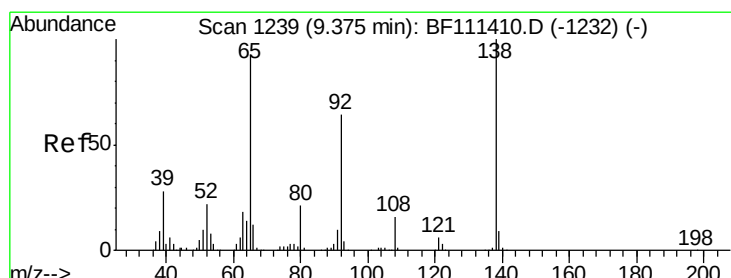
Tgt Ion: 65 Resp: 323148

Ion Ratio Lower Upper

65 100

92 68.9 53.5 80.3

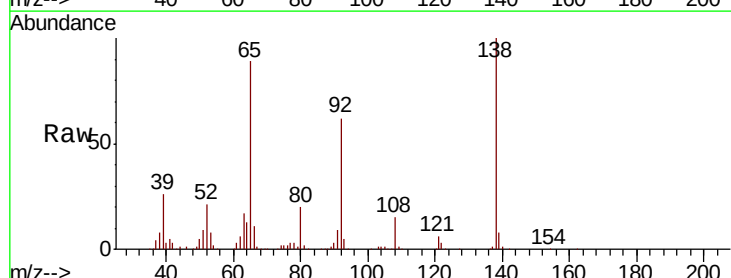
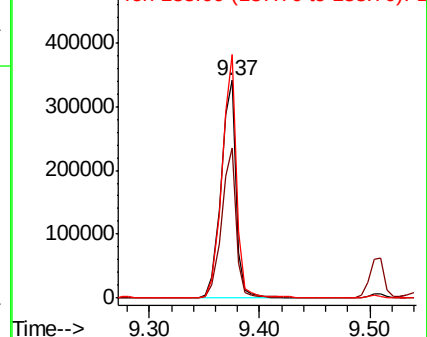
138 111.8 80.9 121.3

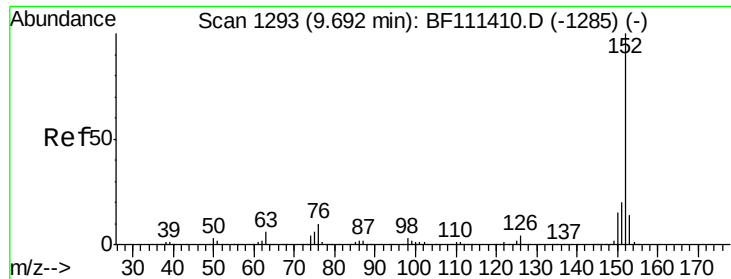


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.806 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

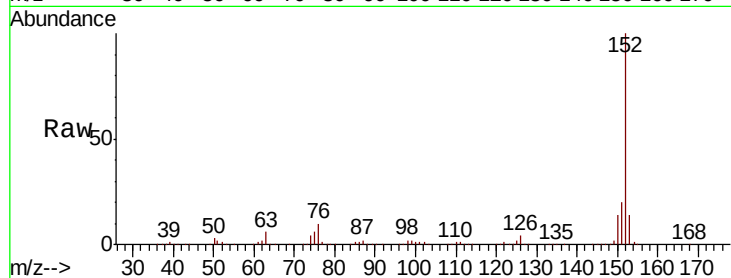
Tot Ion:152 Resp: 1460474

Ion Ratio Lower Upper

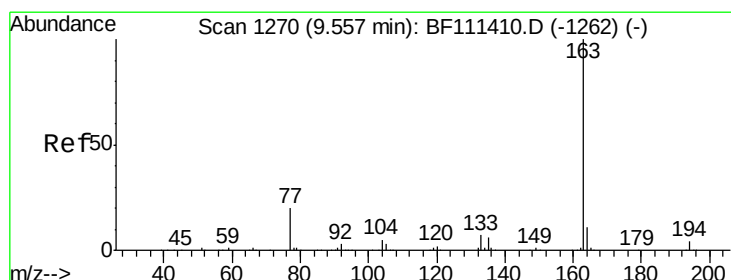
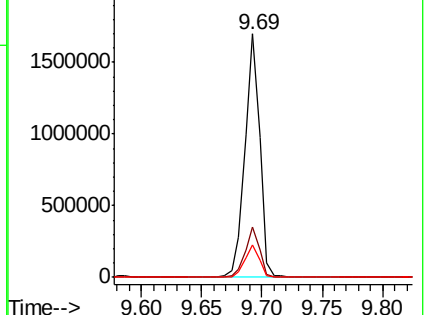
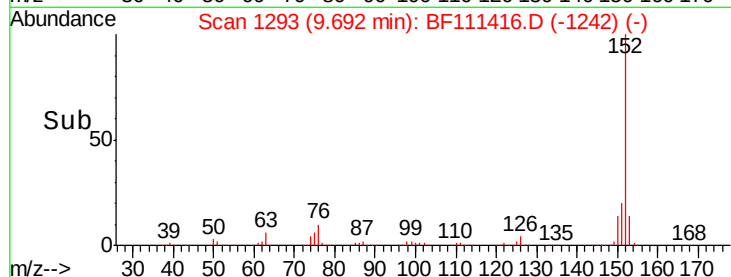
152 100

151 20.5 18.0 27.0

153 13.5 12.3 18.5



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



#50

Dimethylphthalate

Concen: 39.024 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

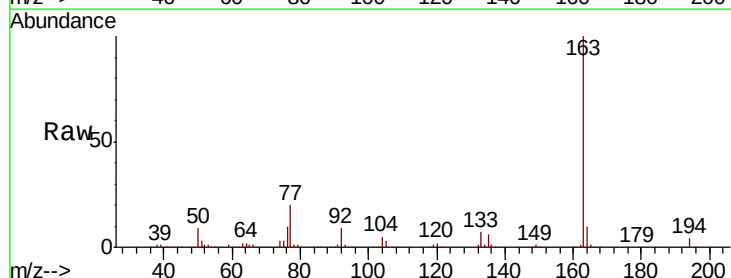
Tgt Ion:163 Resp: 1078607

Ion Ratio Lower Upper

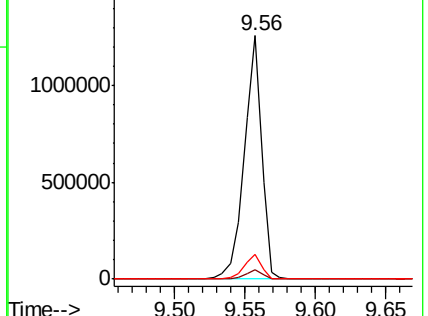
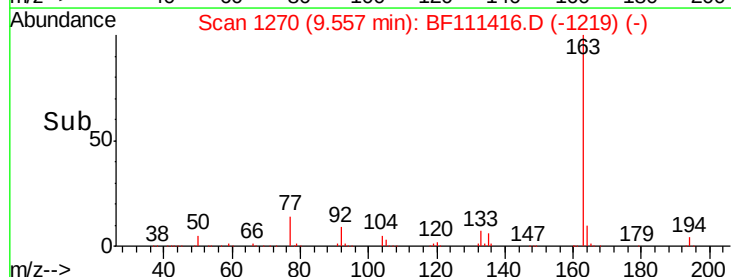
163 100

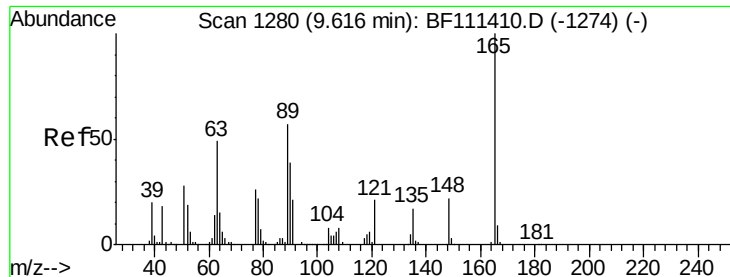
194 3.8 3.0 4.6

164 10.2 8.9 13.3



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

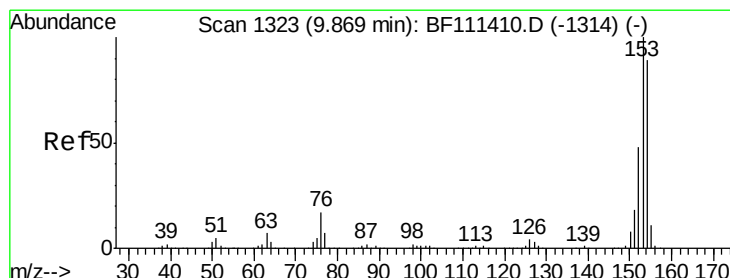
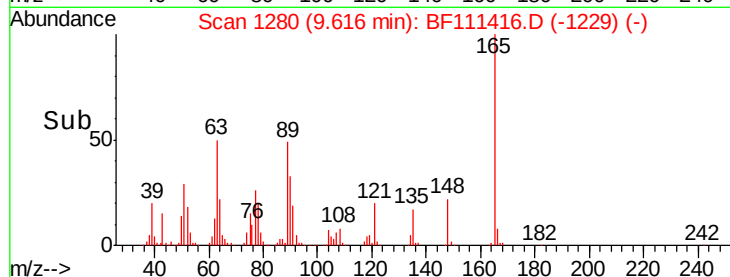
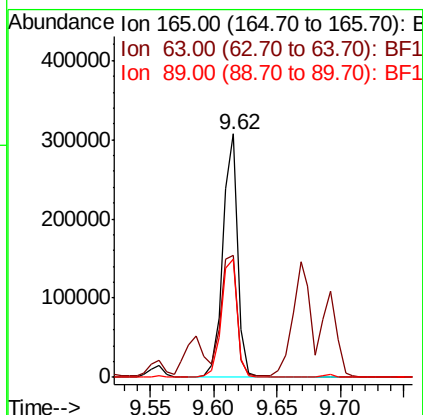
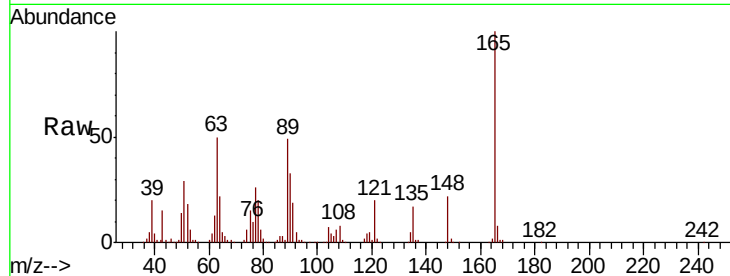




#51
2,6-Dinitrotoluene
Concen: 40.488 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

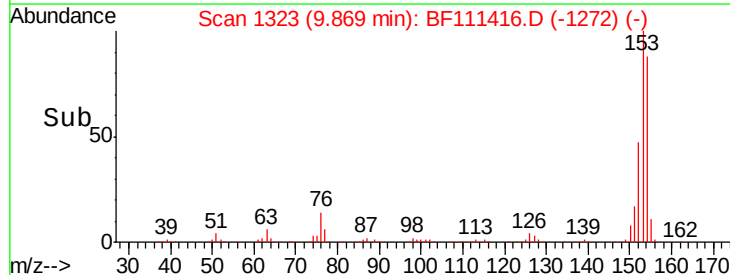
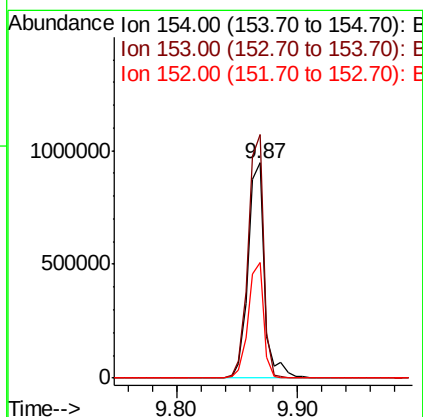
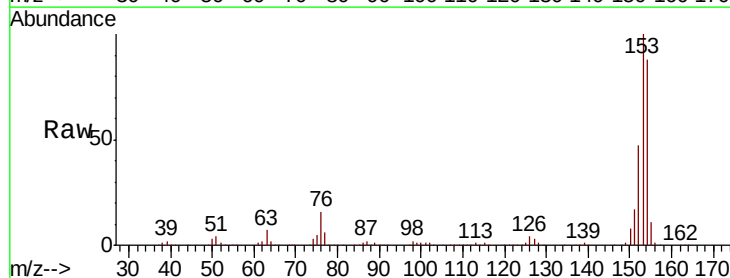
Instrument :
BNA_F
ClientSampleId :

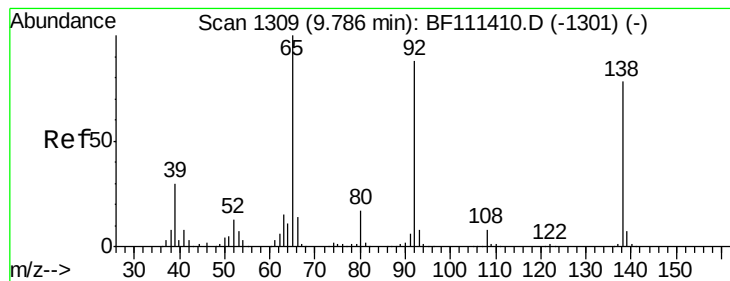
Tot Ion:165 Resp: 251891
Ion Ratio Lower Upper
165 100
63 50.2 40.5 60.7
89 48.6 40.0 60.0



#52
Acenaphthene
Concen: 39.299 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:154 Resp: 911347
Ion Ratio Lower Upper
154 100
153 113.2 87.8 131.8
152 53.5 43.4 65.2





#53

3-Nitroaniline

Concen: 39.233 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

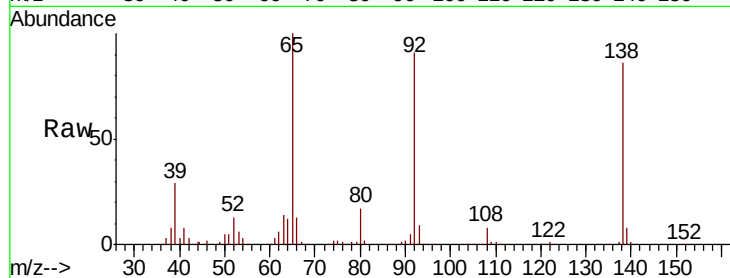
Tot Ion:138 Resp: 296470

Ion Ratio Lower Upper

138 100

108 9.8 8.2 12.4

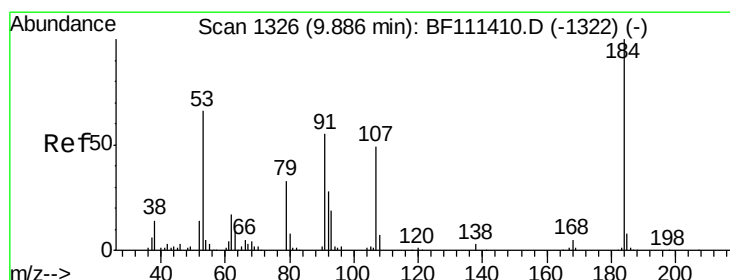
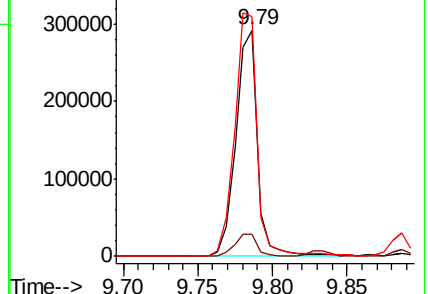
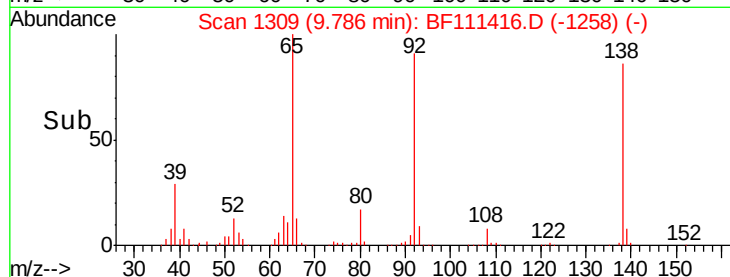
92 106.1 93.4 140.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 39.432 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

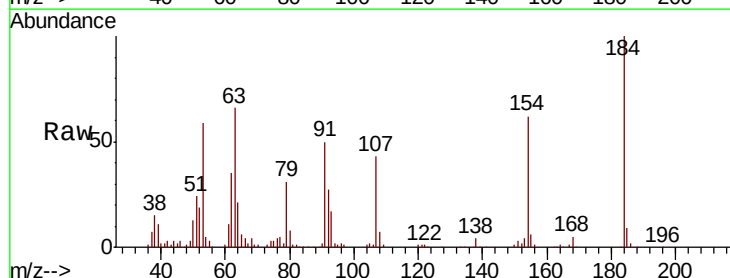
Tgt Ion:184 Resp: 93332

Ion Ratio Lower Upper

184 100

63 65.7 62.3 93.5

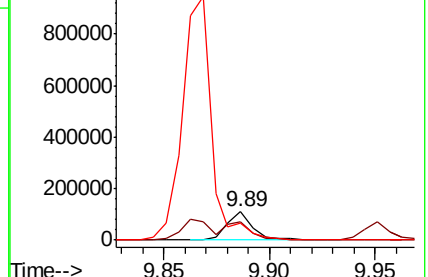
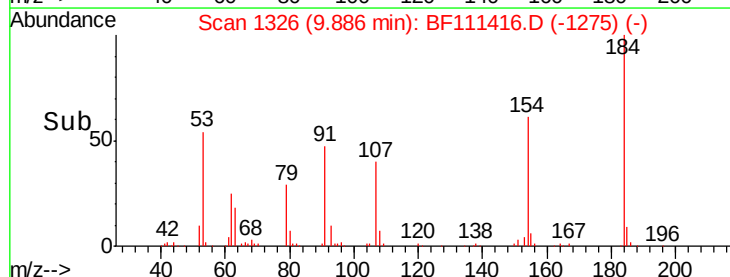
154 61.5 56.2 84.2

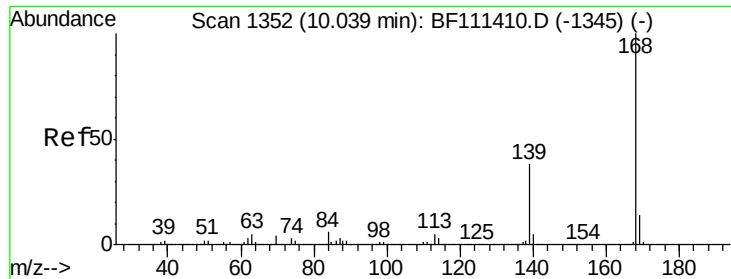


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

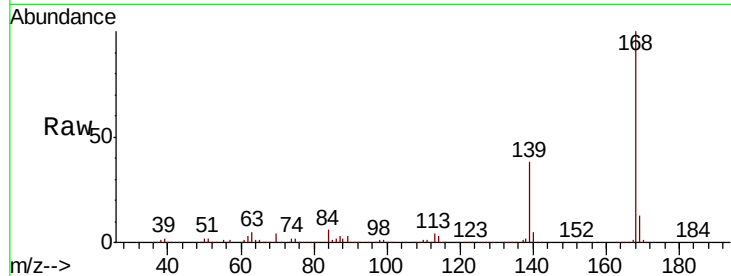




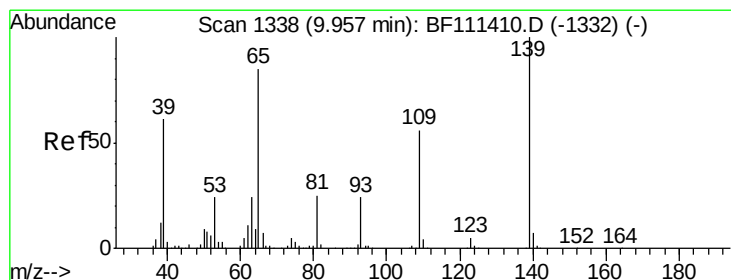
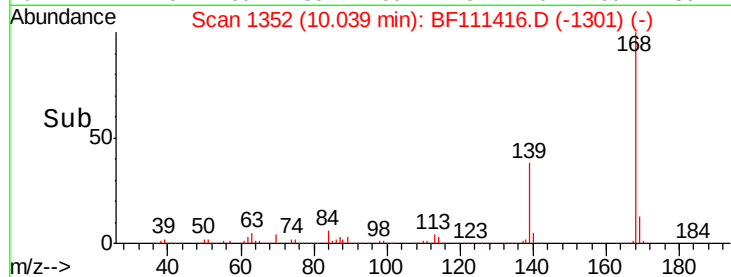
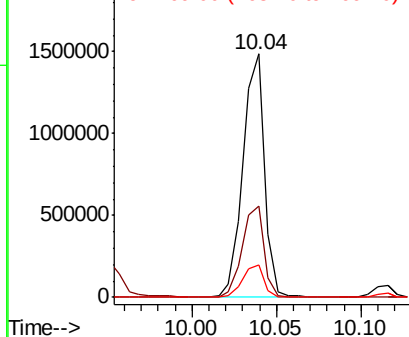
#55
Dibenzenofuran
Concen: 39.372 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1325284
Ion Ratio Lower Upper
168 100
139 37.7 32.6 49.0
169 13.5 11.8 17.6

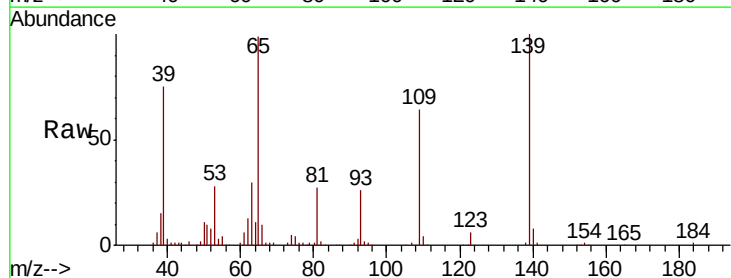


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

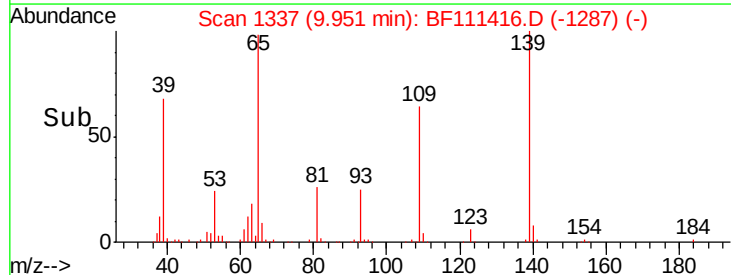
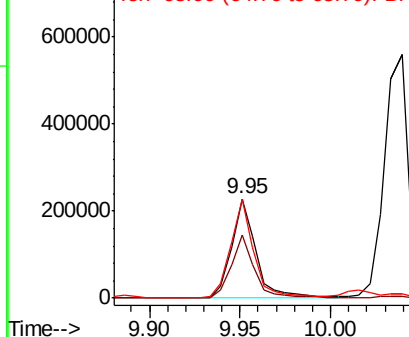


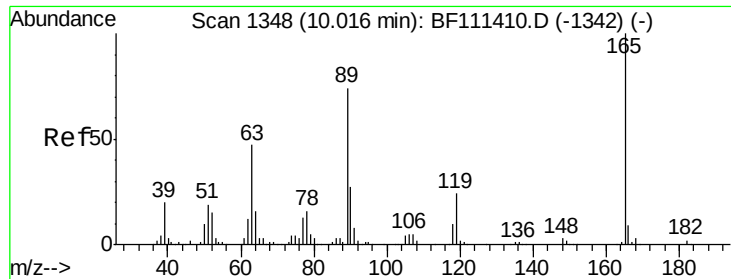
#56
4-Nitrophenol
Concen: 41.011 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:139 Resp: 214470
Ion Ratio Lower Upper
139 100
109 64.1 41.8 81.8
65 99.1 79.6 119.6



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

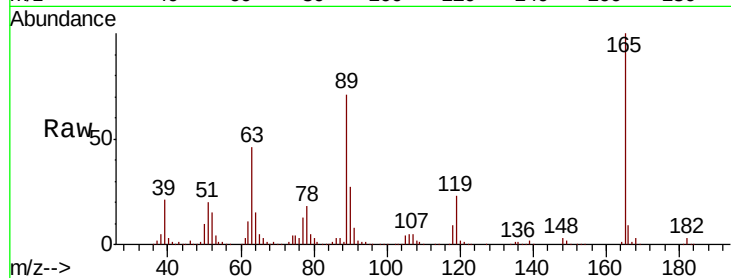




#57
2,4-Dinitrotoluene
Concen: 40.324 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.9	34.6	52.0
89	71.4	56.2	84.4
182	2.5	1.8	2.6



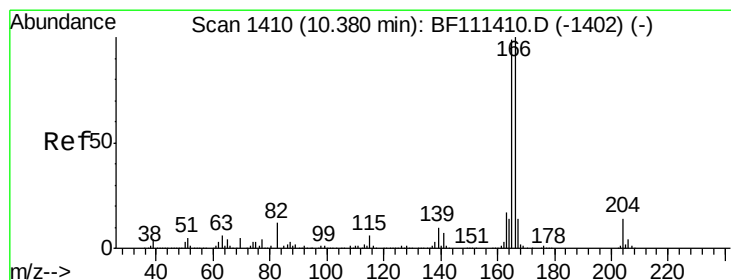
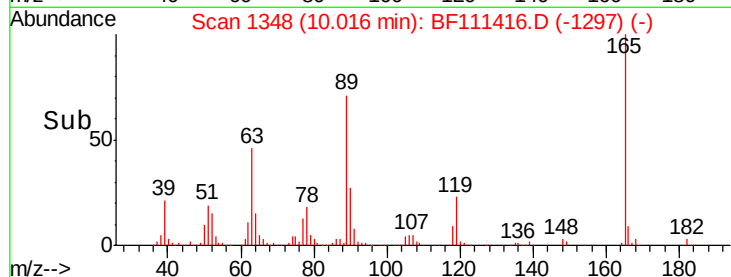
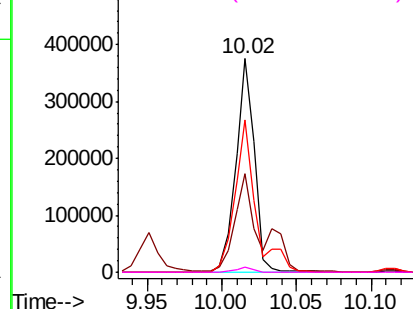
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

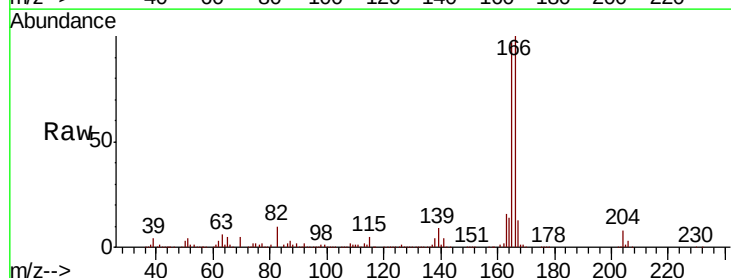
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.007 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.4	117.6
167	13.4	11.2	16.8

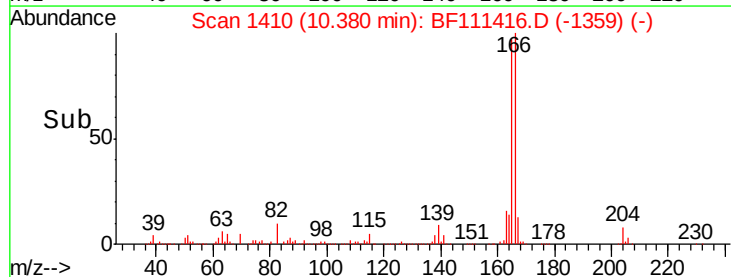
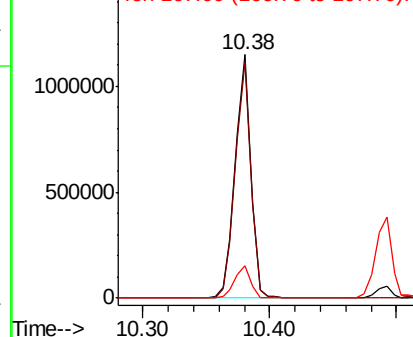


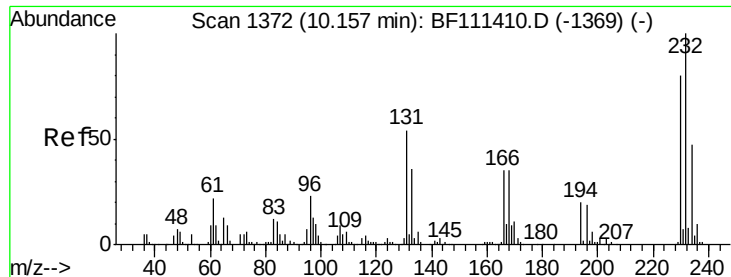
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

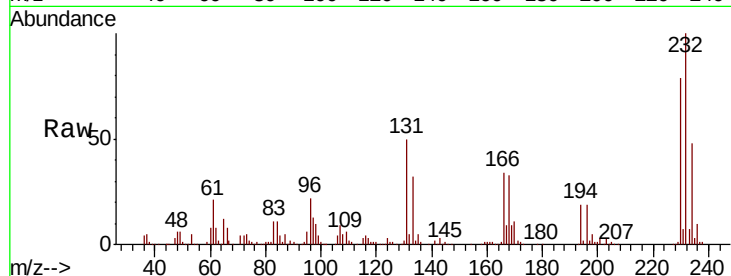




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.174 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BF111416.D
 Acq: 14 Dec 2018 14:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.5	40.9	61.3
130	2.3	2.0	3.0
166	34.3	26.8	40.2



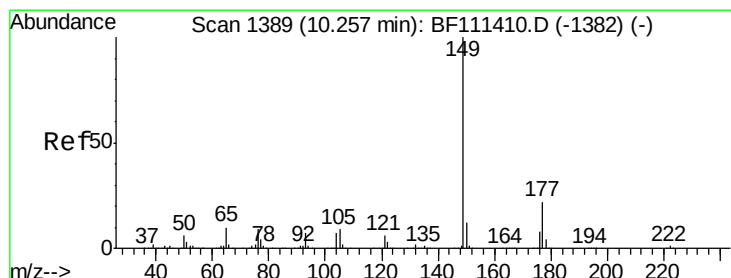
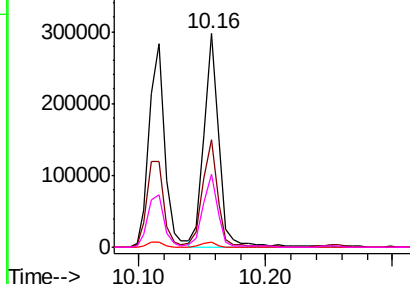
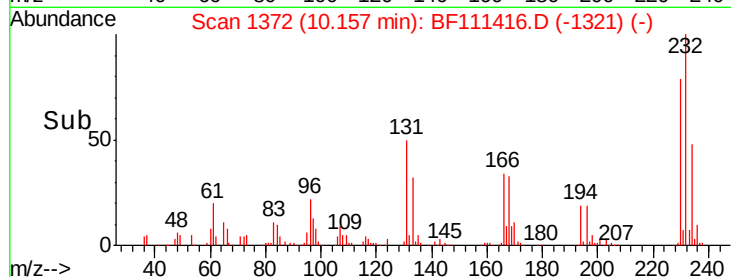
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

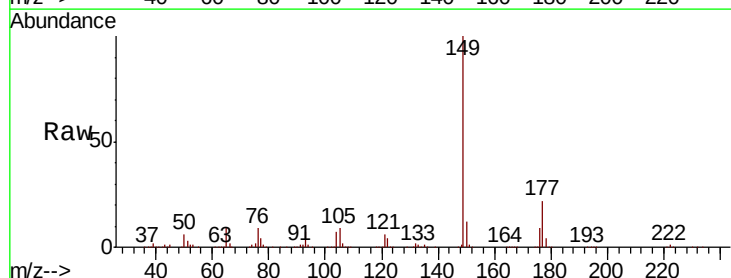
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.428 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF111416.D
 Acq: 14 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.3	27.5
150	12.3	10.6	15.8

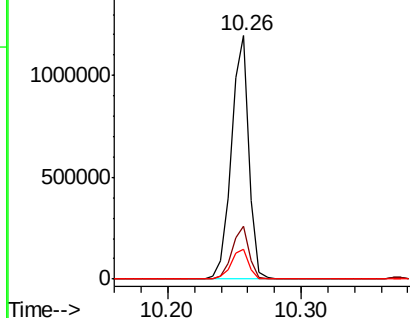
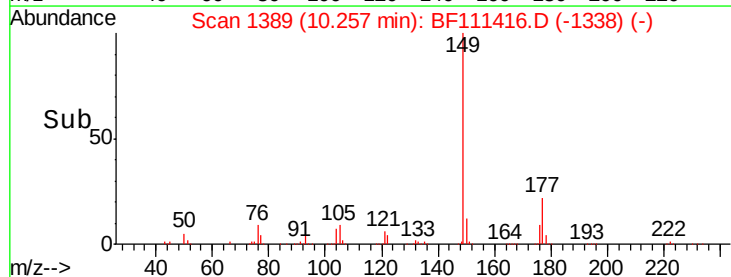


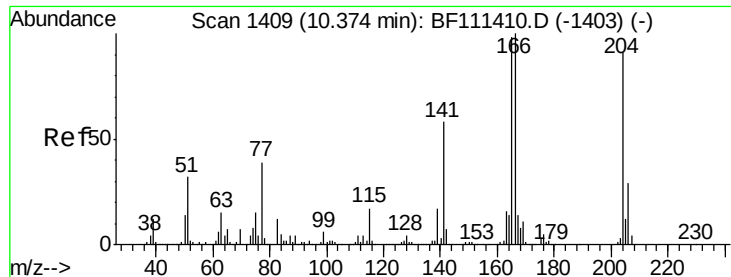
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

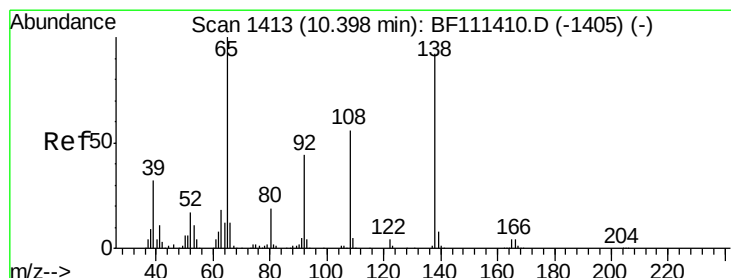
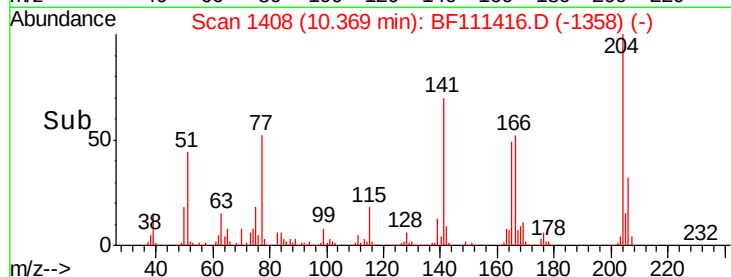
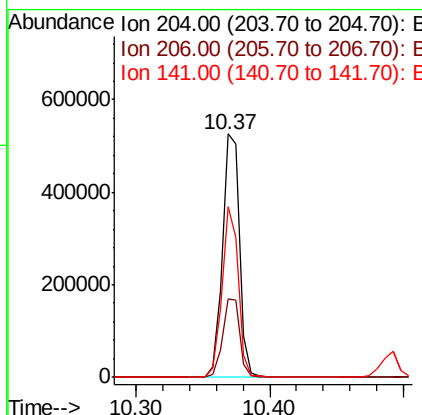
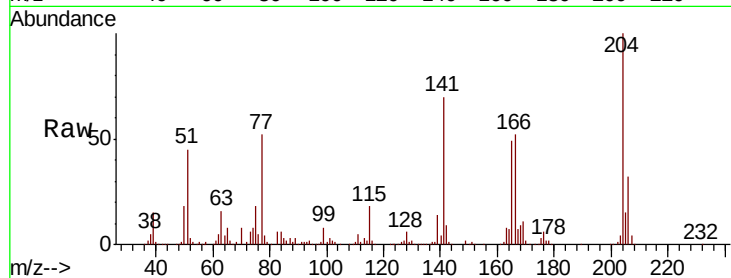




#61
 4-Chlorophenyl-phenylether
 Concen: 39.845 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF111416.D
 Acq: 14 Dec 2018 14:01

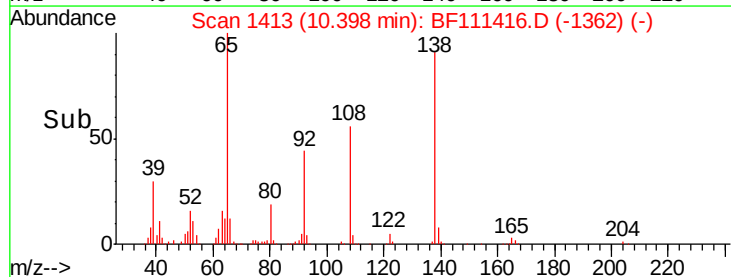
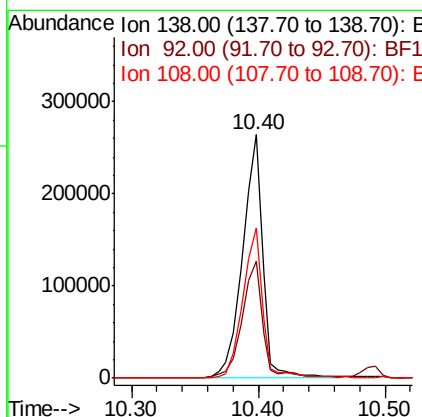
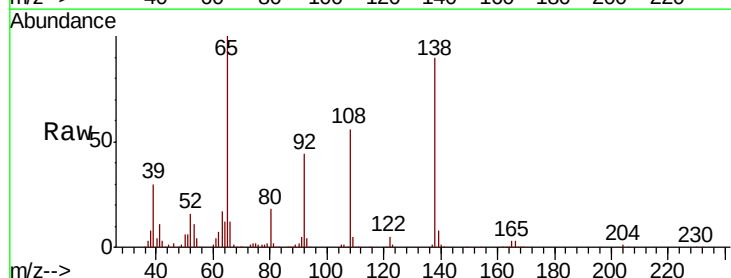
Instrument :
 BNA_F
 ClientSampled :

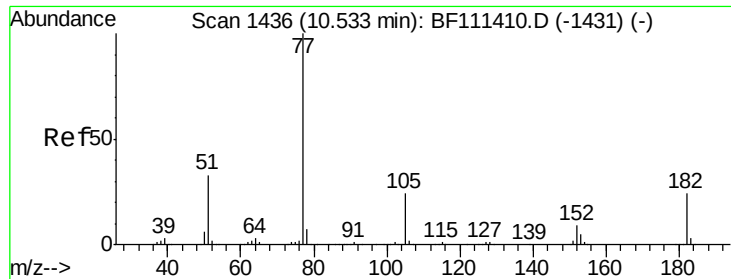
Tot Ion:204 Resp: 475960
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.6 39.8
 141 70.1 52.6 78.8



#62
 4-Nitroaniline
 Concen: 38.948 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF111416.D
 Acq: 14 Dec 2018 14:01

Tgt Ion:138 Resp: 291351
 Ion Ratio Lower Upper
 138 100
 92 48.2 29.9 69.9
 108 61.9 43.2 83.2





#63

Azobenzene

Concen: 39.132 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1080092

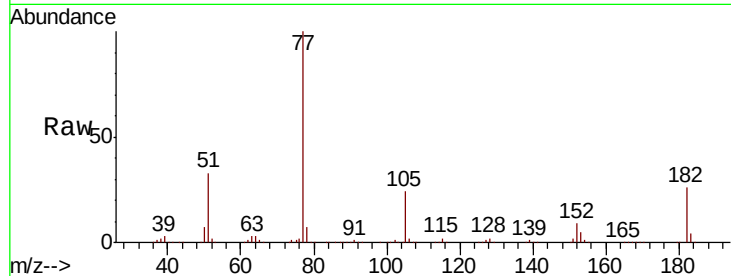
Ion Ratio Lower Upper

77 100

182 26.0 4.9 44.9

105 23.8 6.0 46.0

51 33.2 14.7 54.7

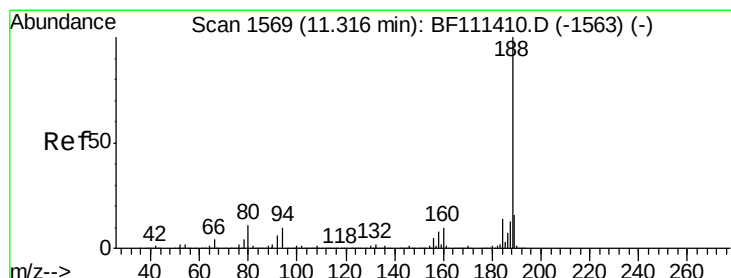
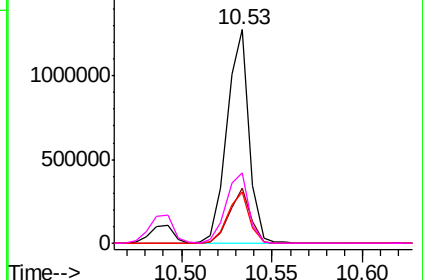
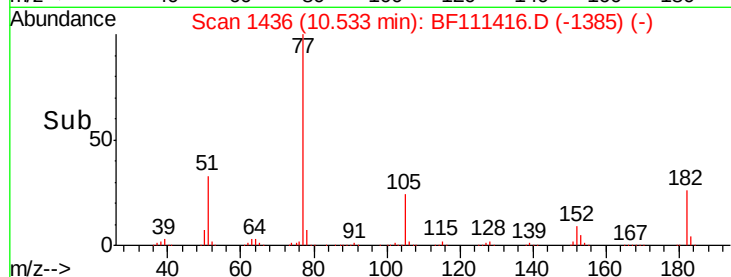


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

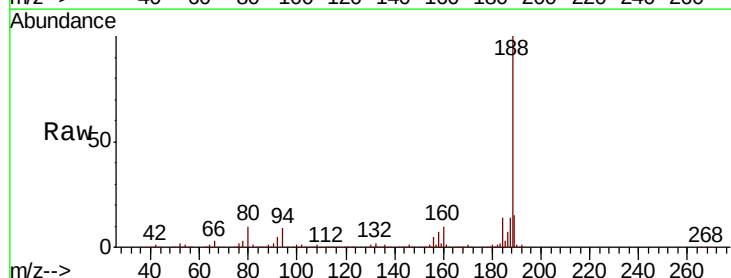
Tgt Ion: 188 Resp: 694558

Ion Ratio Lower Upper

188 100

94 9.3 9.6 14.4#

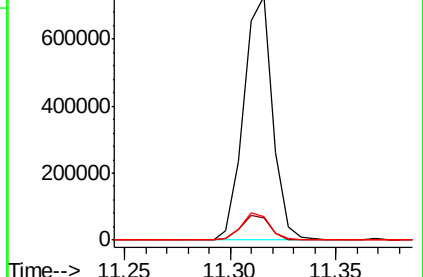
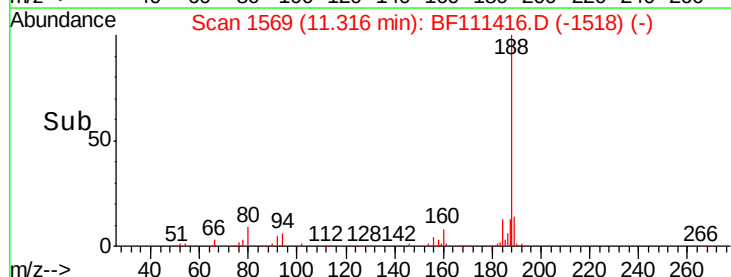
80 9.7 9.8 14.6#

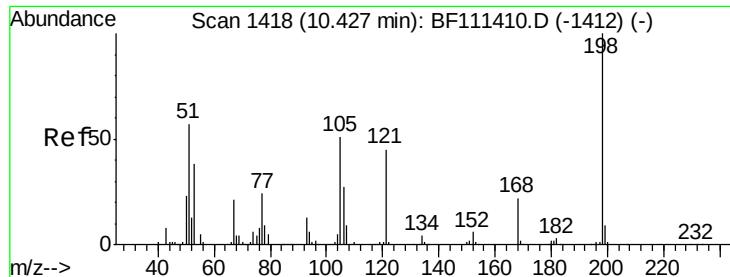


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

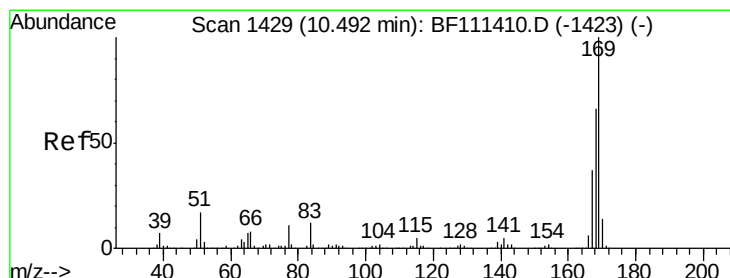
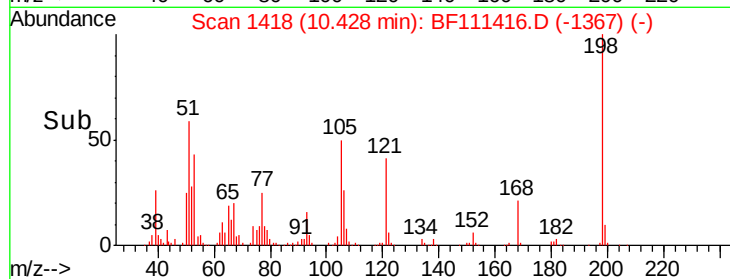
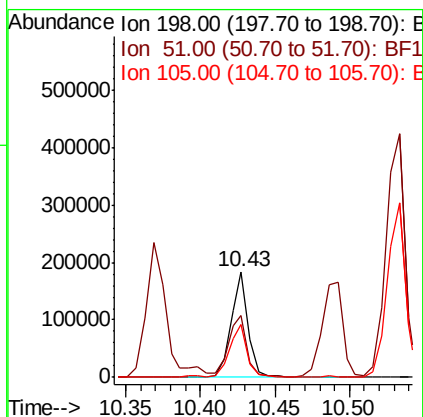
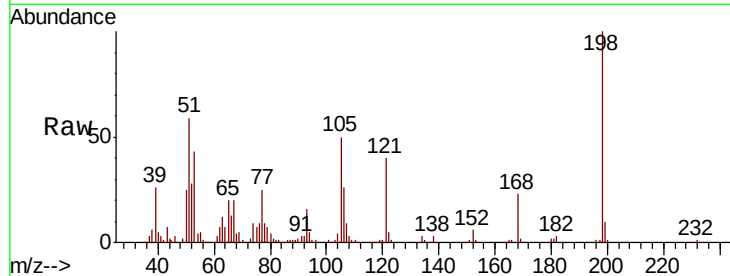




#65
4,6-Dinitro-2-methylphenol
Concen: 38.360 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

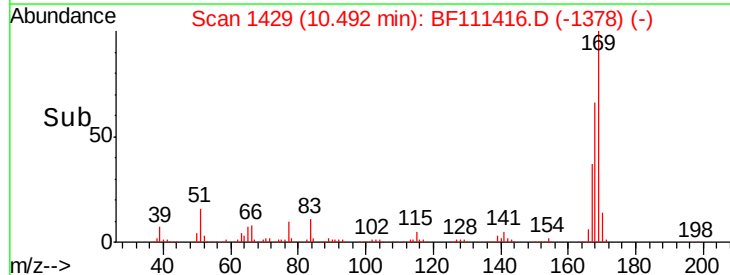
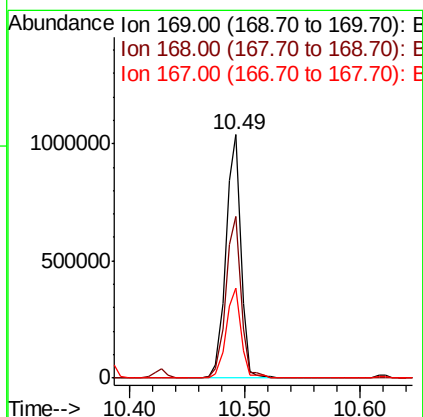
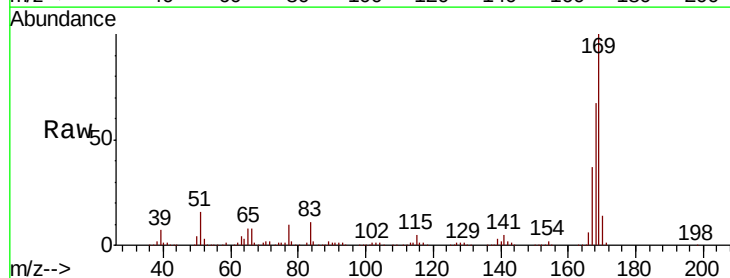
Instrument :
BNA_F
ClientSampleId :

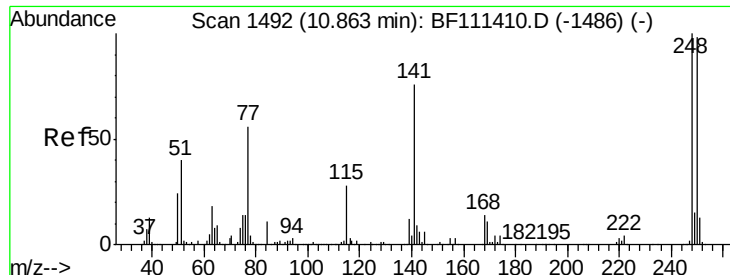
Tot Ion:198 Resp: 150412
Ion Ratio Lower Upper
198 100
51 58.6 48.0 88.0
105 50.2 34.0 74.0



#66
n-Nitrosodiphenylamine
Concen: 39.061 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:169 Resp: 935569
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 37.1 30.5 45.7

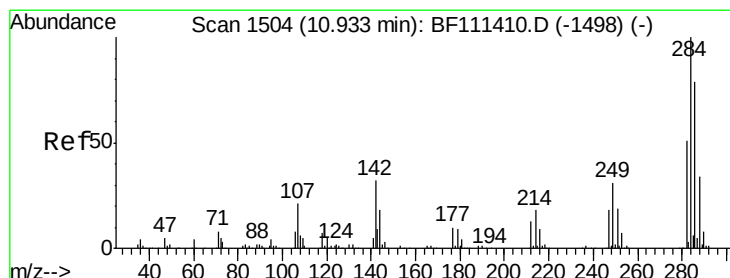
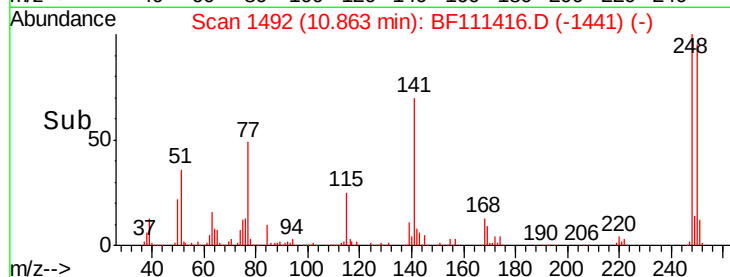
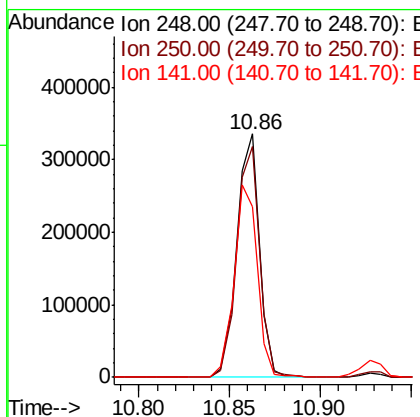
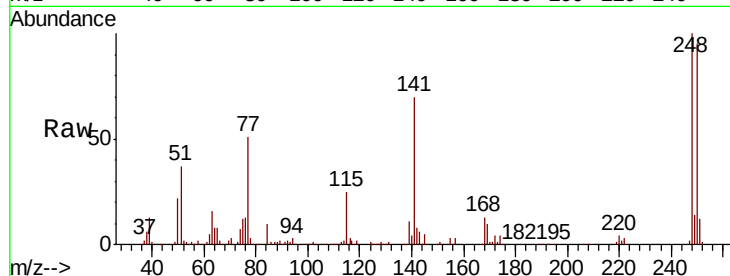




#67
4-Bromophenyl-phenylether
Concen: 39.228 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

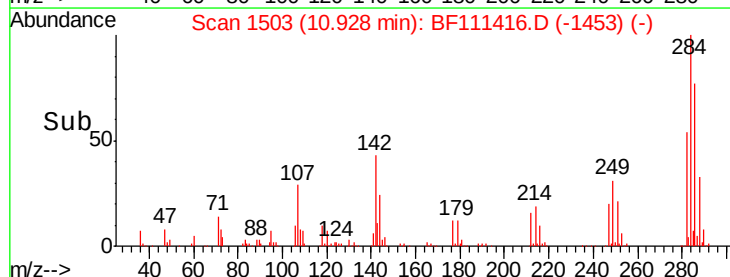
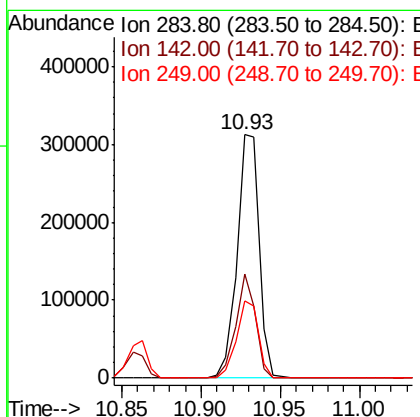
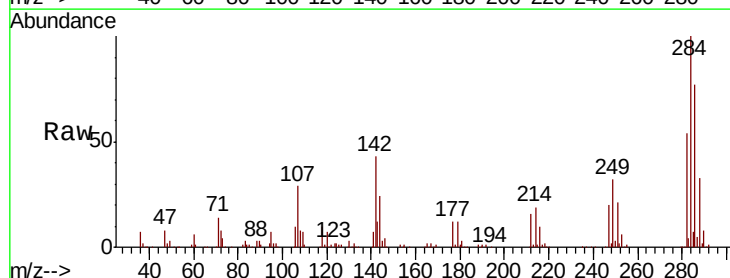
Instrument :
BNA_F
ClientSampled :

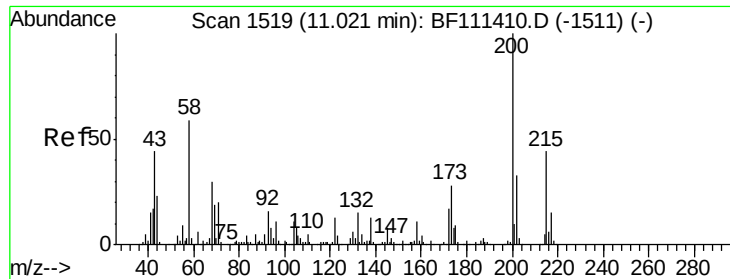
Tot Ion:248 Resp: 293660
Ion Ratio Lower Upper
248 100
250 94.9 77.0 115.4
141 70.2 63.0 94.6



#68
Hexachlorobenzene
Concen: 39.112 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:284 Resp: 301179
Ion Ratio Lower Upper
284 100
142 42.8 27.4 41.2#
249 31.5 24.4 36.6





#69

Atrazine

Concen: 39.951 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

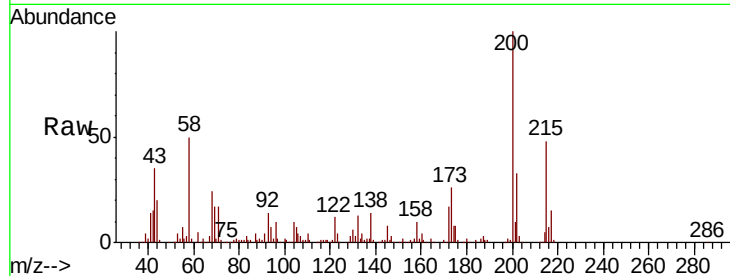
Tot Ion:200 Resp: 276541

Ion Ratio Lower Upper

200 100

173 26.1 10.1 50.1

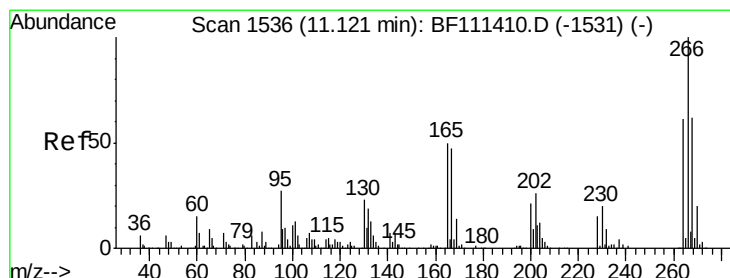
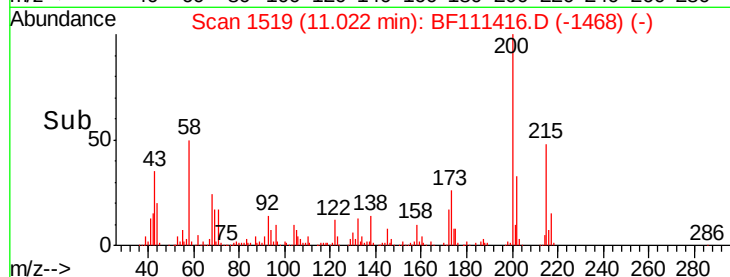
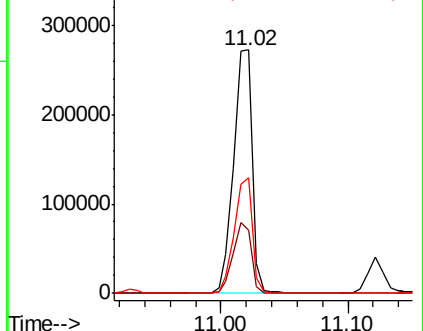
215 47.6 26.9 66.9



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: 40.177 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

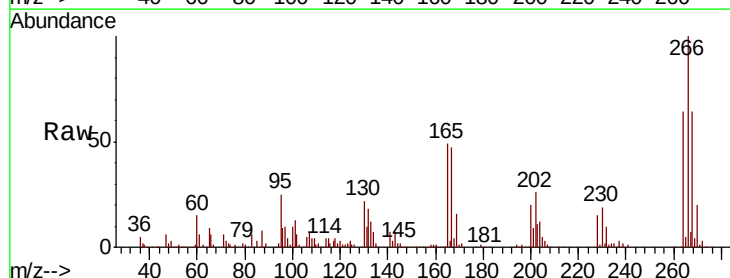
Tgt Ion:266 Resp: 189758

Ion Ratio Lower Upper

266 100

268 63.8 47.9 71.9

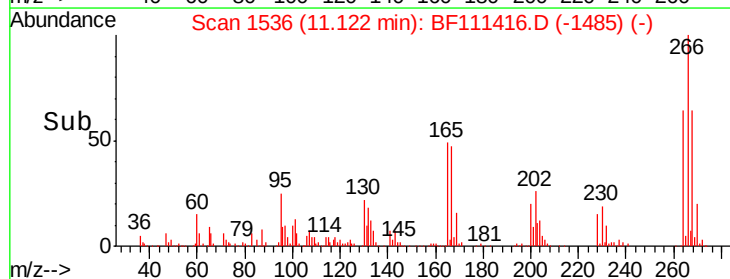
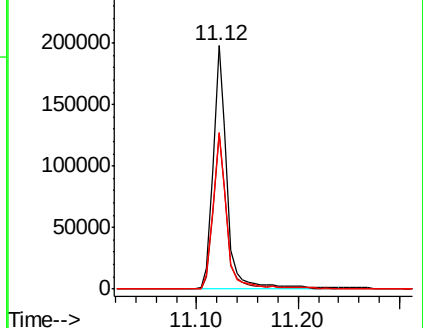
264 64.1 49.1 73.7

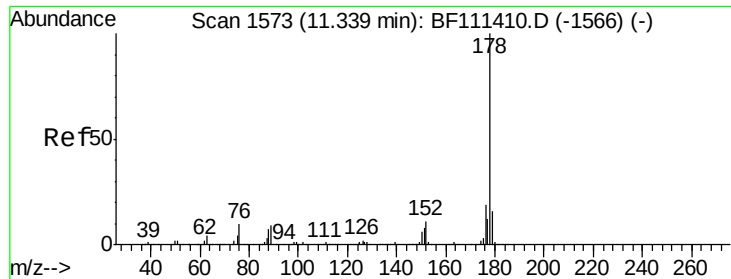


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.732 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

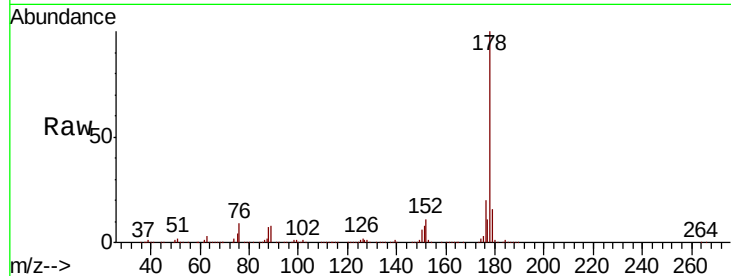
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1386187

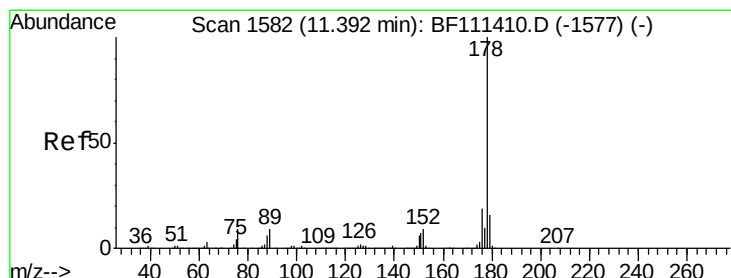
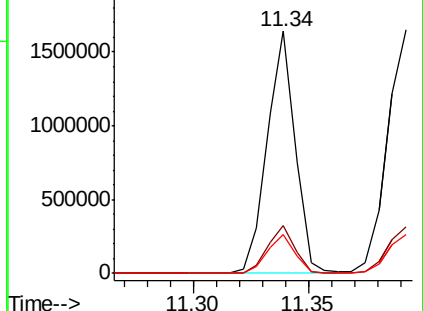
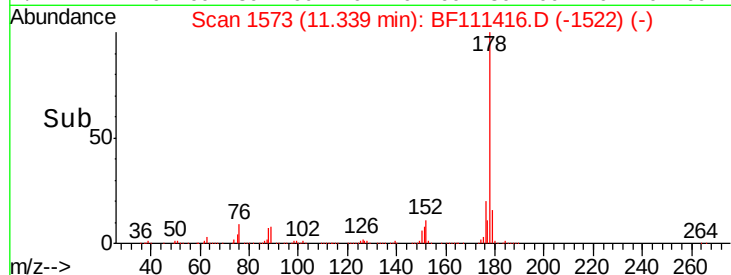
Ion	Ratio	Lower	Upper
178	100		
176	19.9	18.1	27.1
179	16.2	14.0	21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.460 ng

RT: 11.39 min Scan# 1582

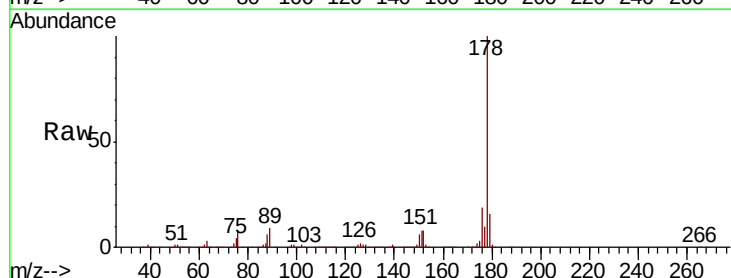
Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Tgt Ion:178 Resp: 1444267

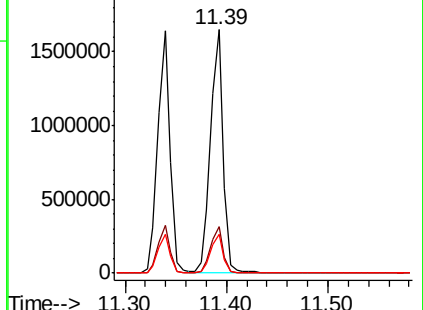
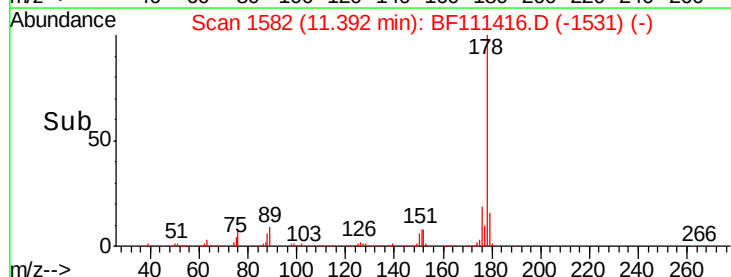
Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.2	25.8
179	15.9	13.8	20.8

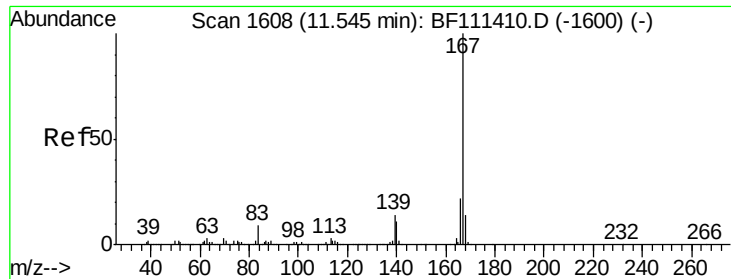


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.167 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

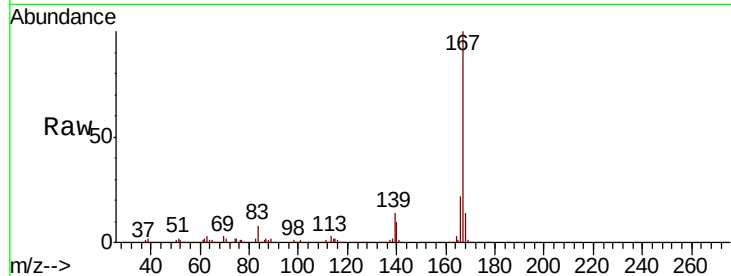
Tot Ion:167 Resp: 1482409

Ion Ratio Lower Upper

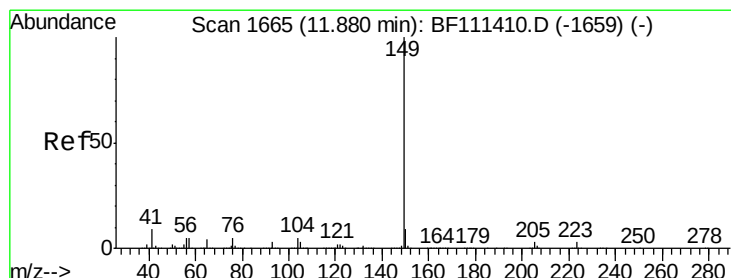
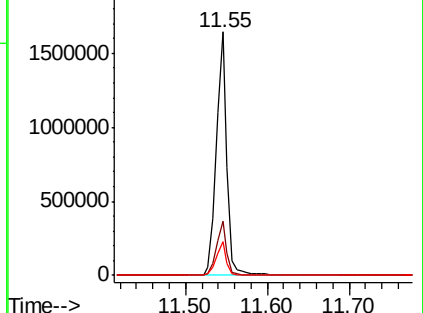
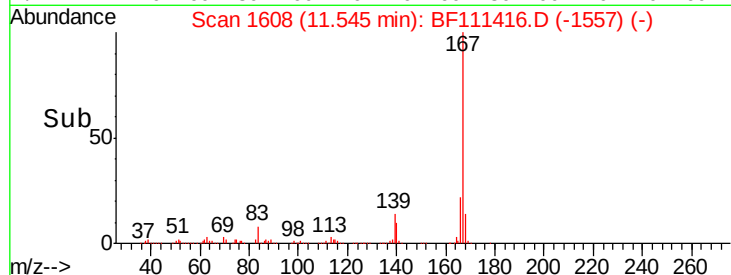
167 100

166 22.2 19.3 28.9

139 13.6 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.782 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

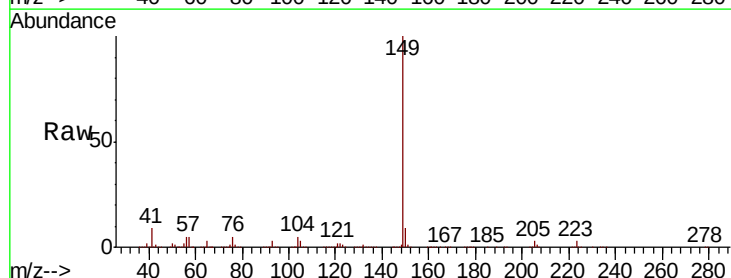
Tgt Ion:149 Resp: 1676912

Ion Ratio Lower Upper

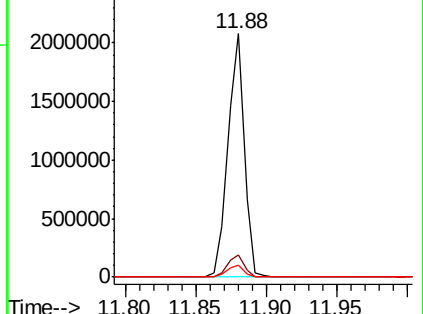
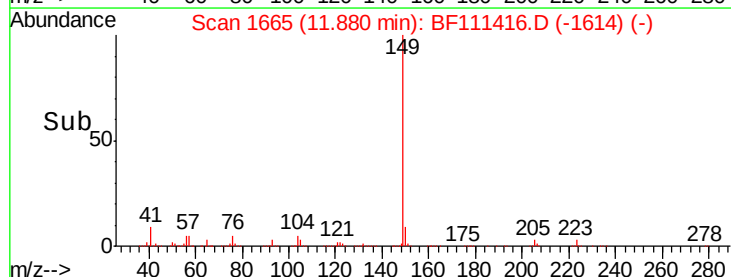
149 100

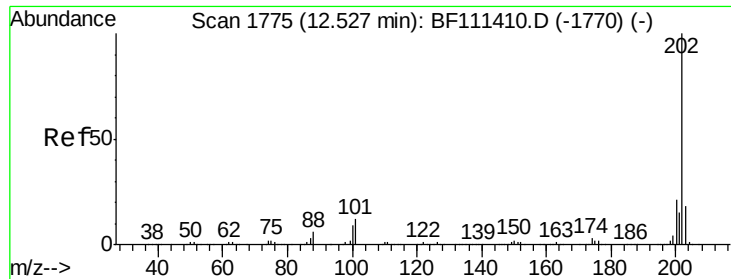
150 9.3 8.8 13.2

104 4.7 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

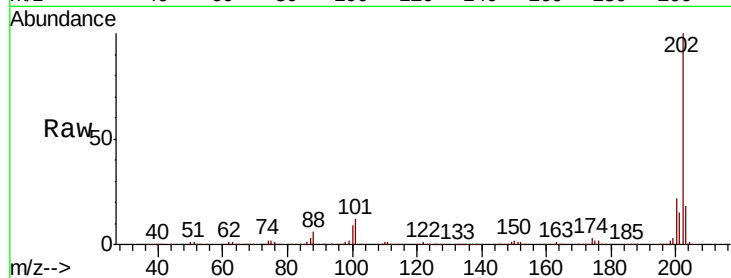




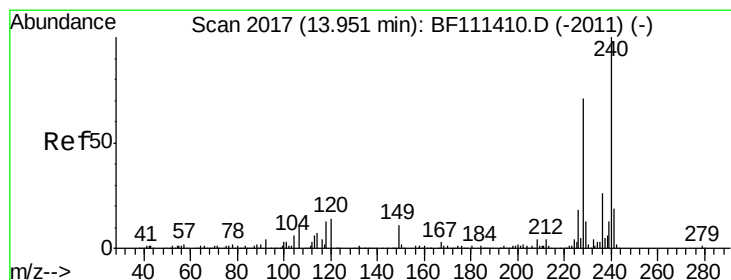
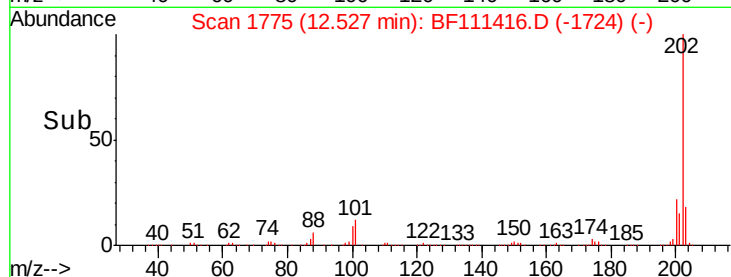
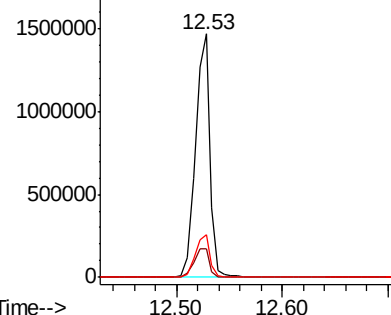
#75
Fluoranthene
Concen: 40.147 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1405644
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.8
203 17.6 0.0 38.6

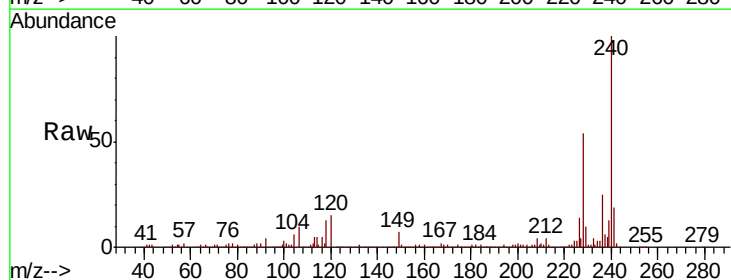


Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

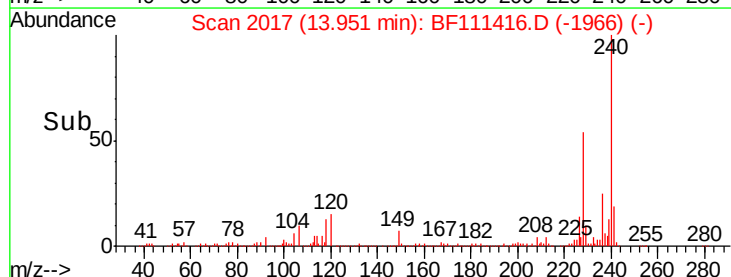
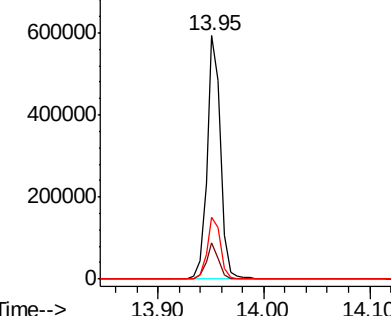


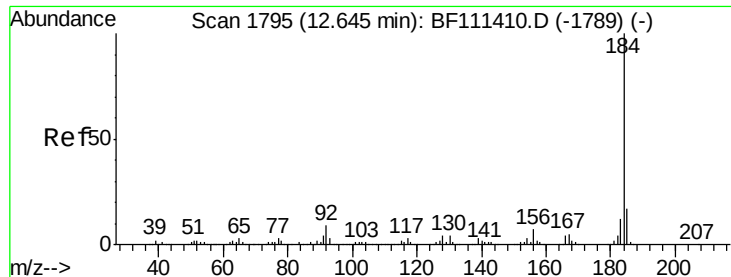
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:240 Resp: 533712
Ion Ratio Lower Upper
240 100
120 14.8 12.2 18.2
236 25.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
800000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.875 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

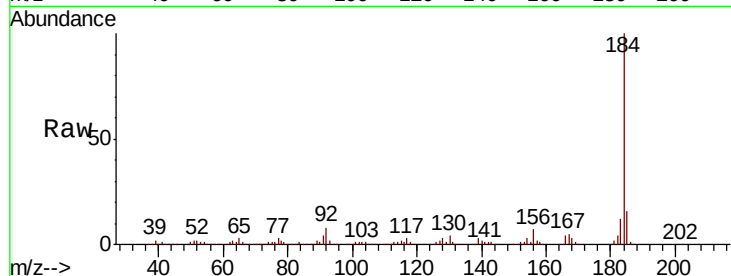
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 743087

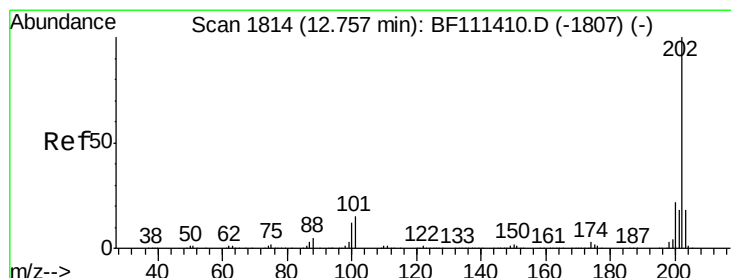
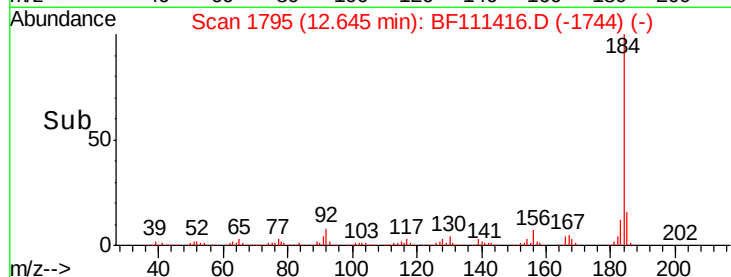
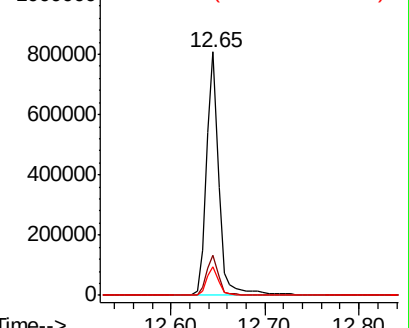
Ion	Ratio	Lower	Upper
184	100		
185	16.4	13.0	19.6
183	11.9	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.724 ng

RT: 12.75 min Scan# 1813

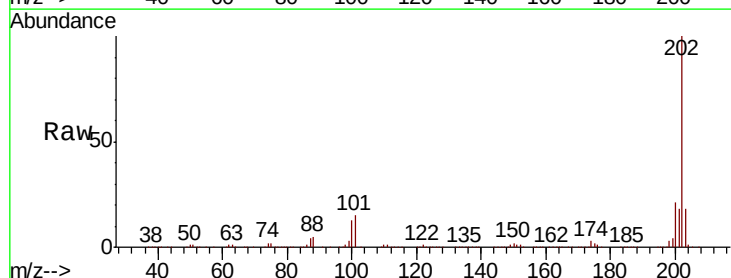
Delta R.T. -0.01 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Tgt Ion:202 Resp: 1457110

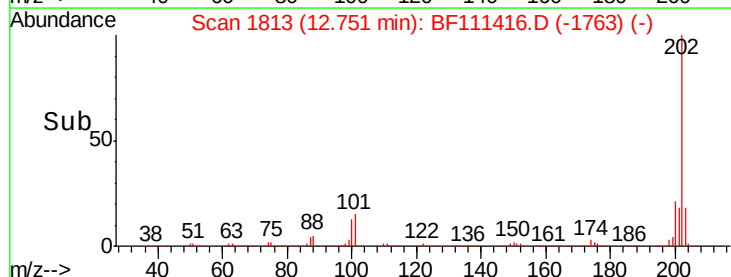
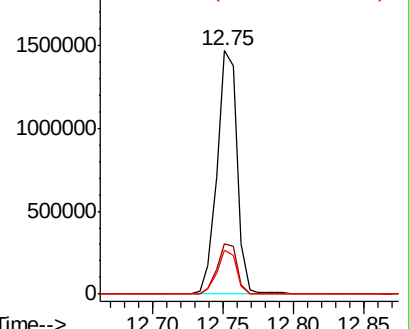
Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.0	28.4
203	17.8	15.2	22.8

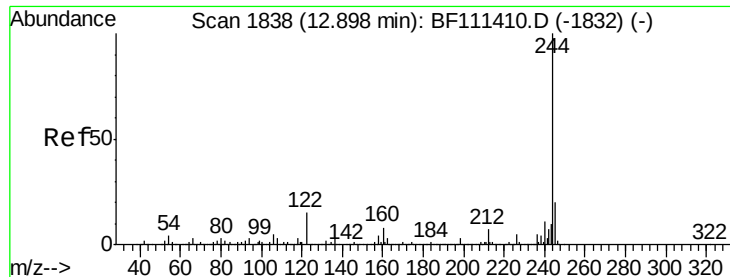


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.657 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

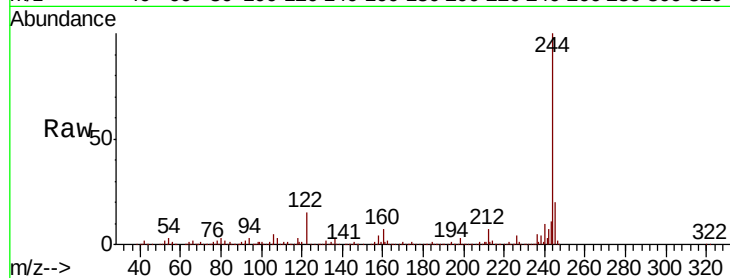
Tot Ion:244 Resp: 1764996

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

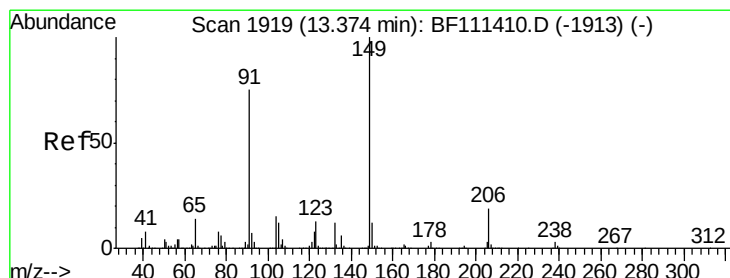
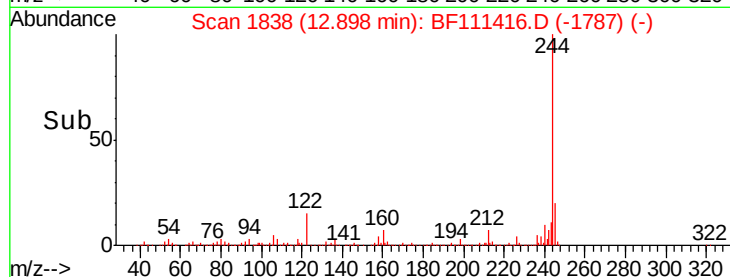
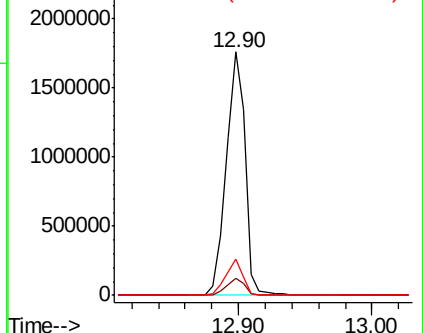
122 14.7 13.1 19.7



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: 38.847 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

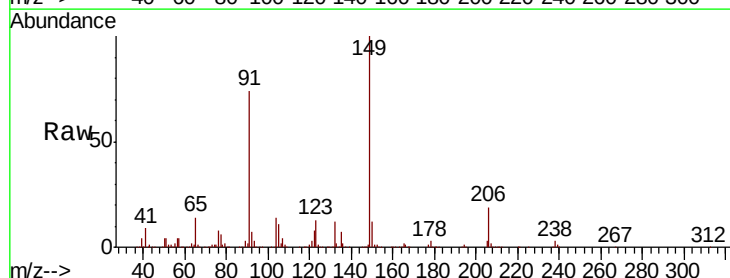
Tgt Ion:149 Resp: 712508

Ion Ratio Lower Upper

149 100

91 73.7 63.8 95.6

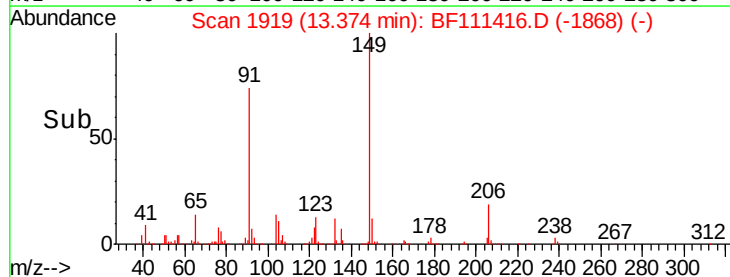
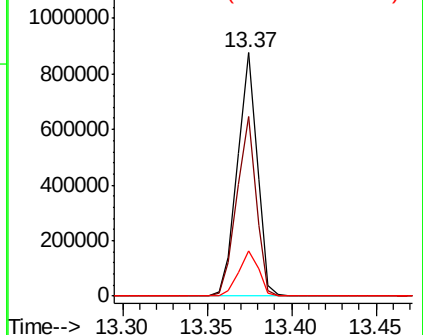
206 18.6 15.1 22.7

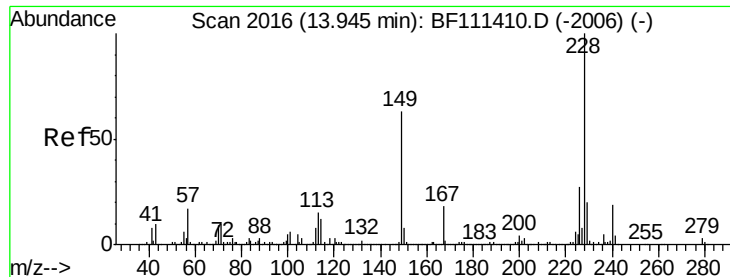


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

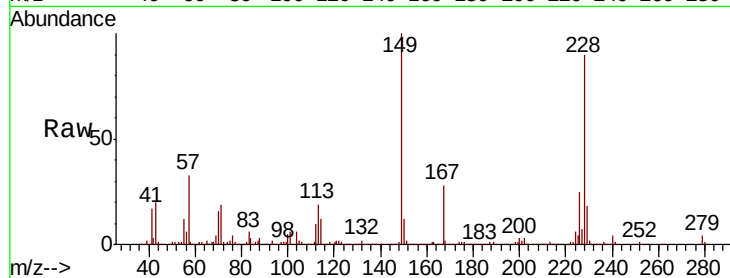




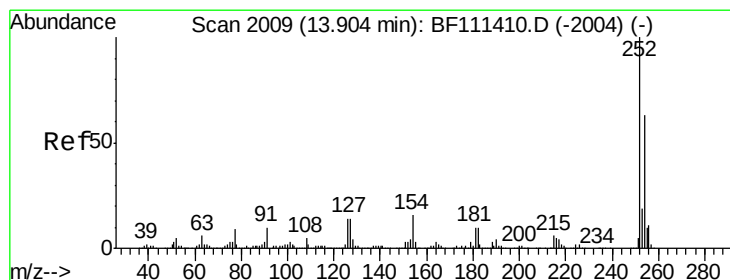
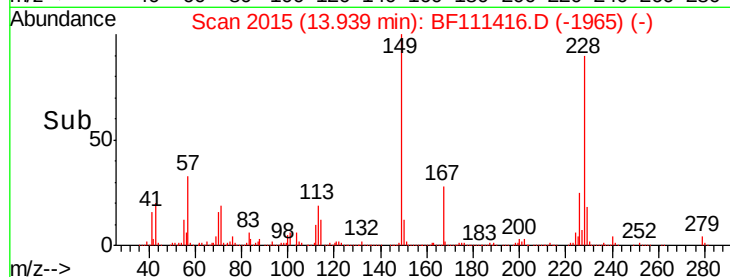
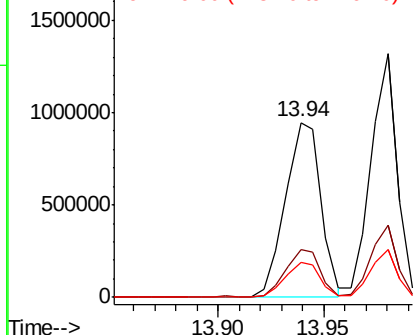
#81
Benzo(a)anthracene
Concen: 38.225 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1109300
Ion Ratio Lower Upper
228 100
226 27.3 22.6 34.0
229 20.0 16.3 24.5

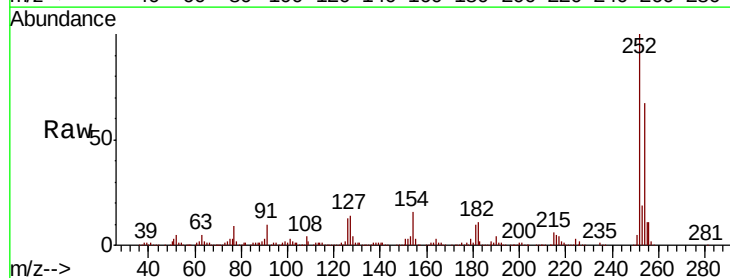


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

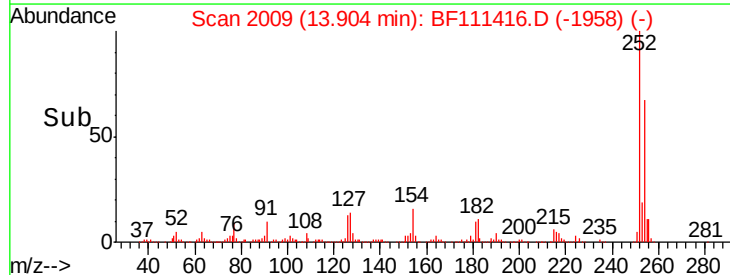
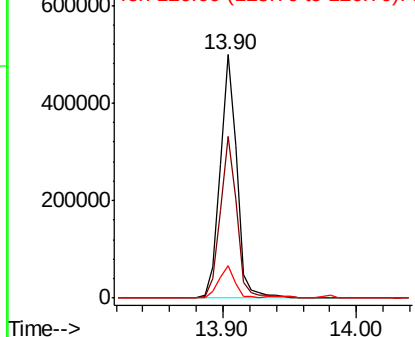


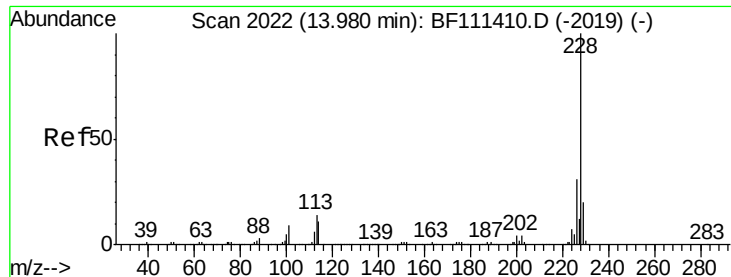
#82
3,3'-Dichlorobenzidine
Concen: 37.659 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:252 Resp: 444279
Ion Ratio Lower Upper
252 100
254 66.6 52.7 79.1
126 13.5 11.1 16.7



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: 37.908 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

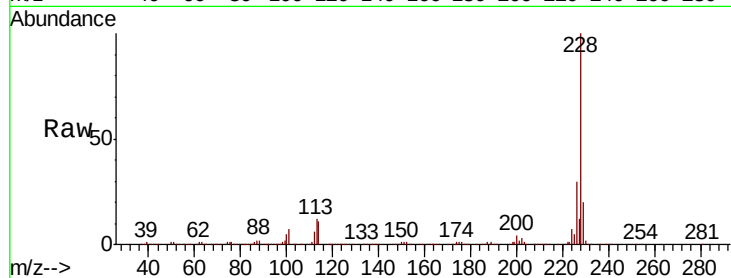
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1158877

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.3	37.9
229	19.6	17.2	25.8

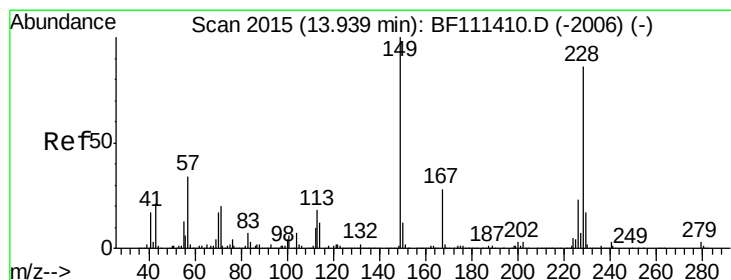
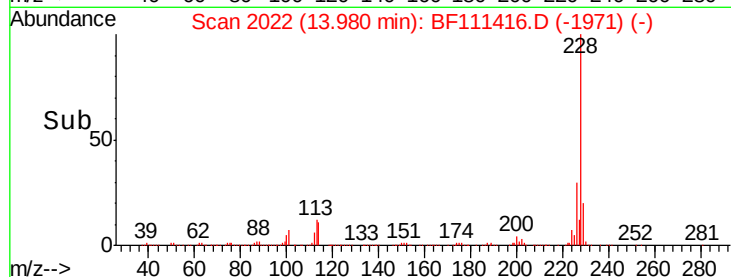
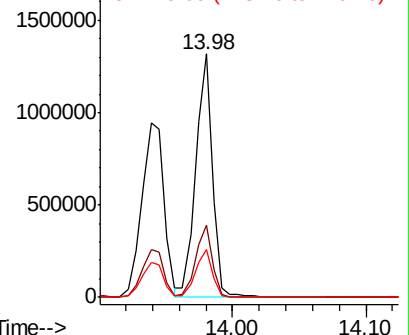


Abundance

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: 39.246 ng

RT: 13.94 min Scan# 2015

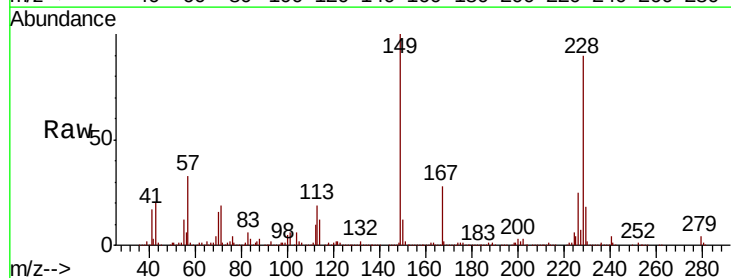
Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Tgt Ion:149 Resp: 919392

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	3.7	2.6	4.0

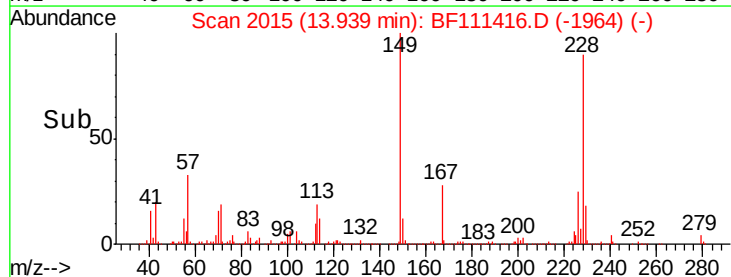
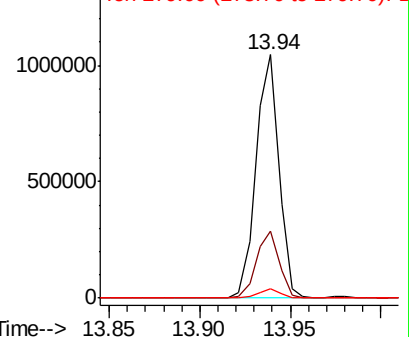


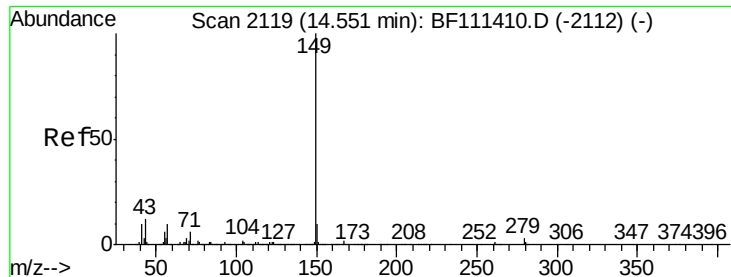
Abundance

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: 38.500 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

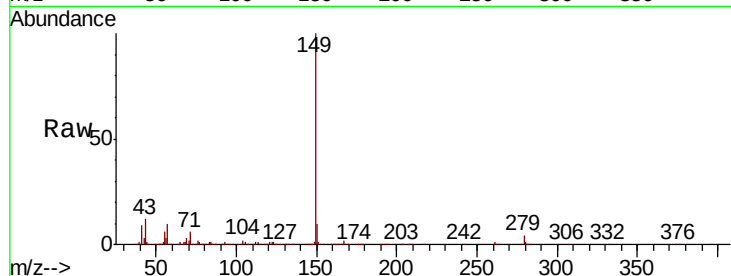
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1521339

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.3	10.9	16.3

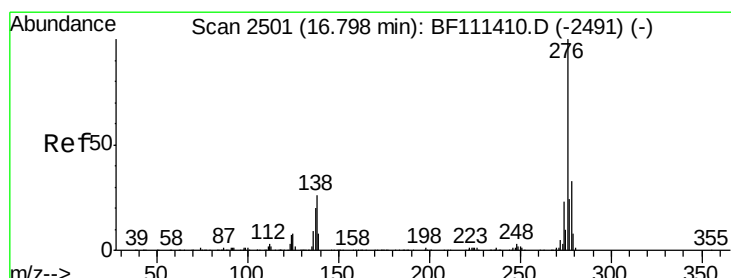
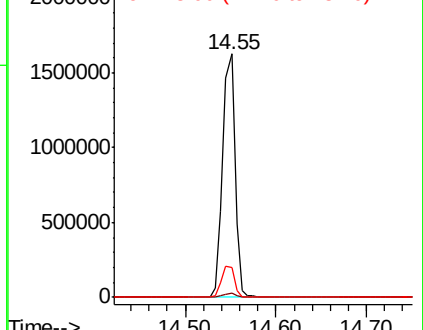
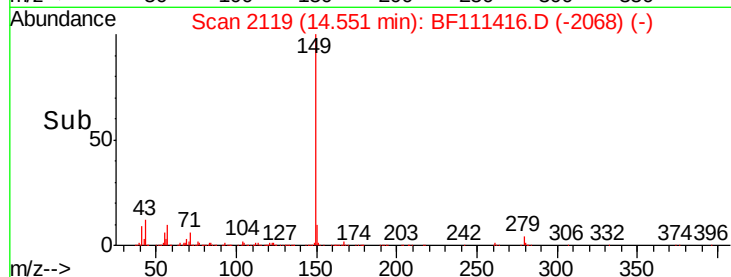


Abundance

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: 32.623 ng

RT: 16.80 min Scan# 2501

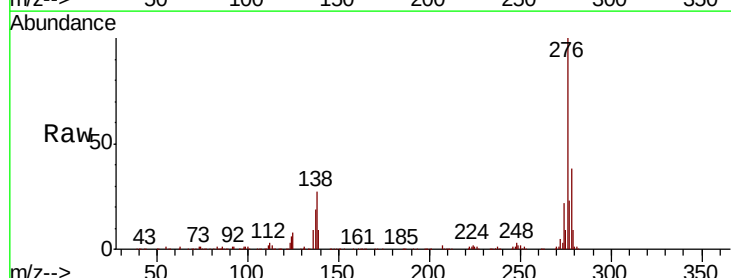
Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Tgt Ion:276 Resp: 719800

Ion	Ratio	Lower	Upper
276	100		
138	30.7	27.8	41.6
277	25.2	20.1	30.1

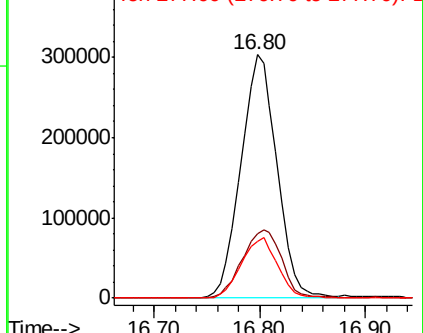
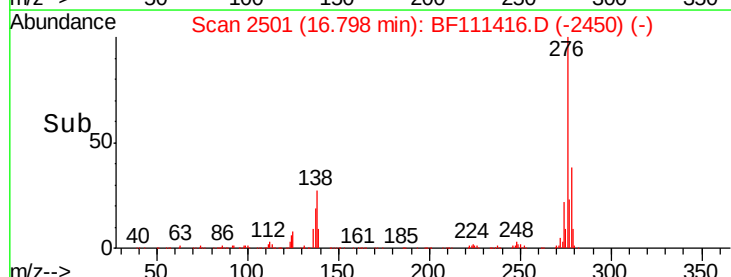


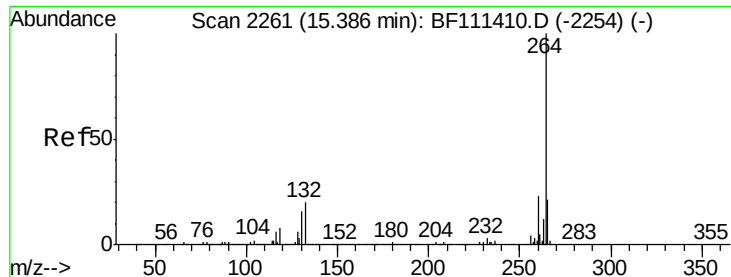
Abundance

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: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

Instrument :

BNA_F

ClientSampleId :

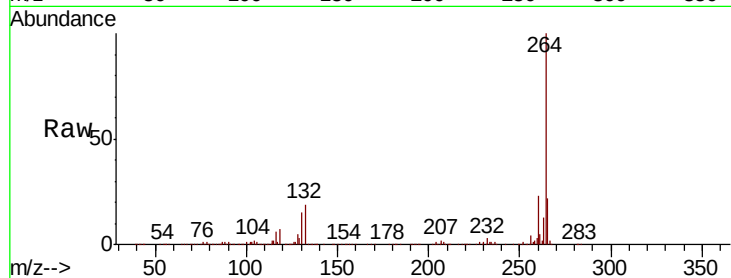
Tot Ion:264 Resp: 403456

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

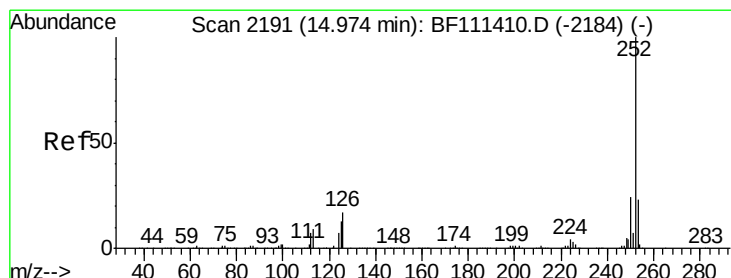
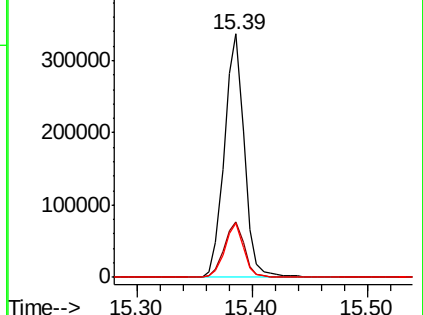
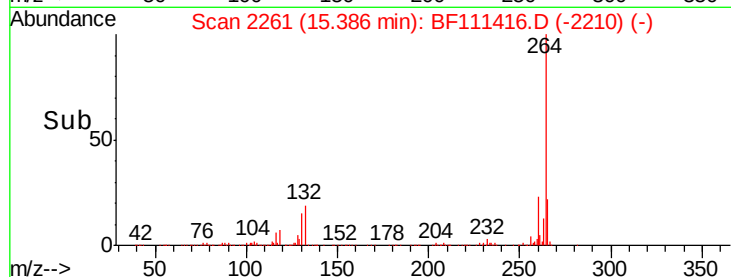
265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.990 ng

RT: 14.97 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BF111416.D

Acq: 14 Dec 2018 14:01

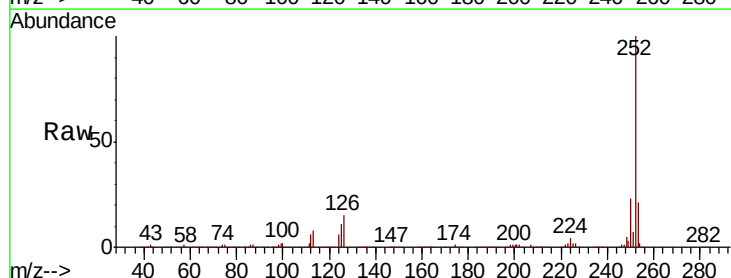
Tgt Ion:252 Resp: 917132

Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.2

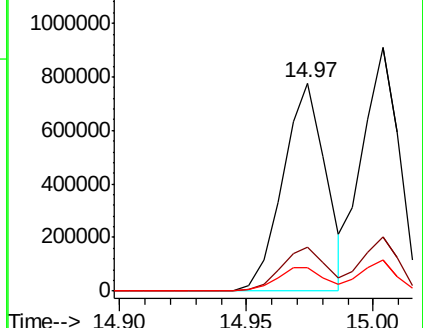
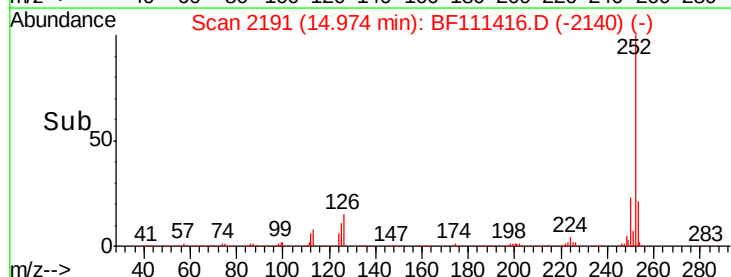
125 11.5 10.4 15.6

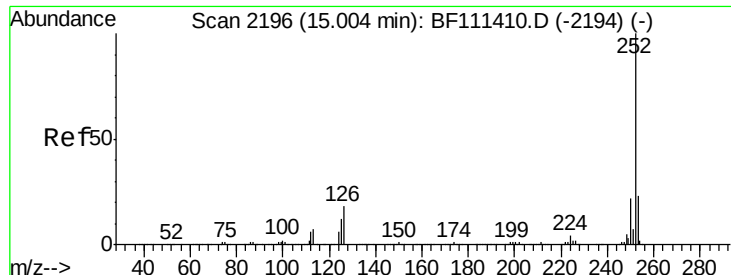


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

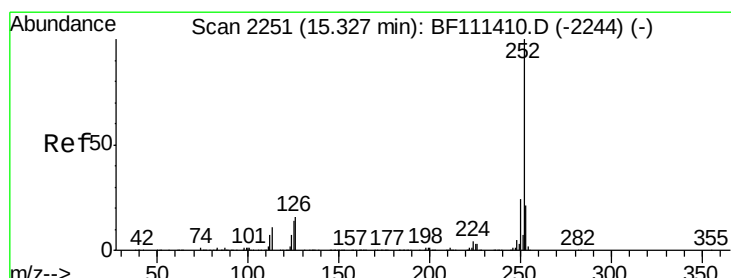
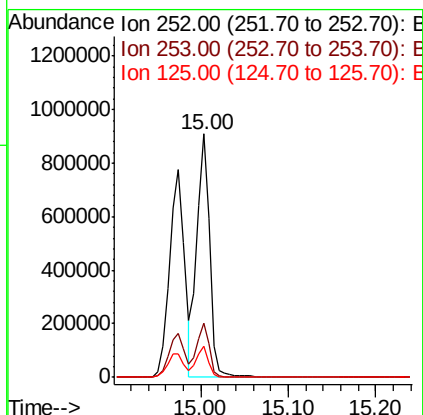
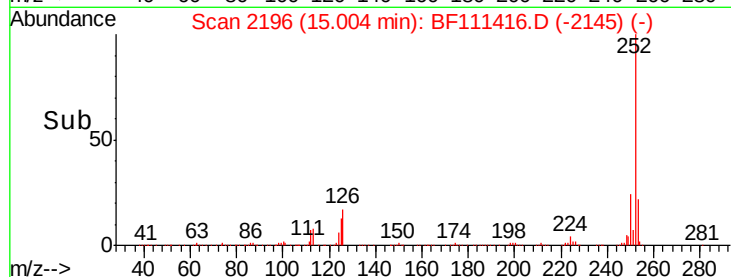
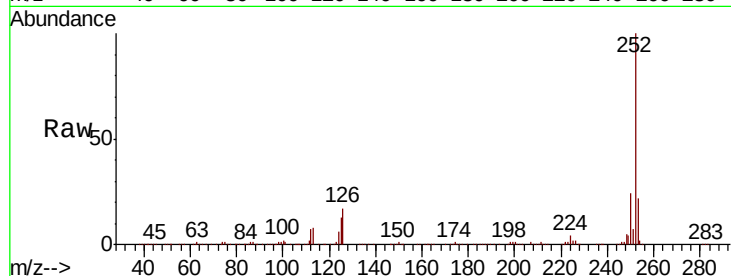




#89
Benzo(k)fluoranthene
Concen: 41.971 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

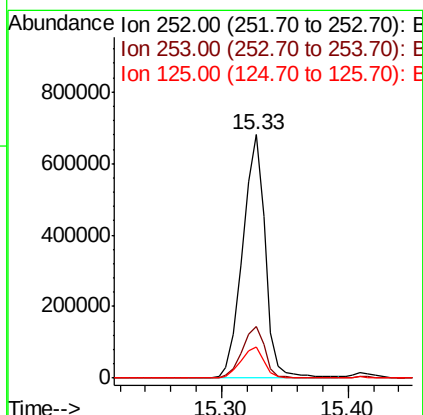
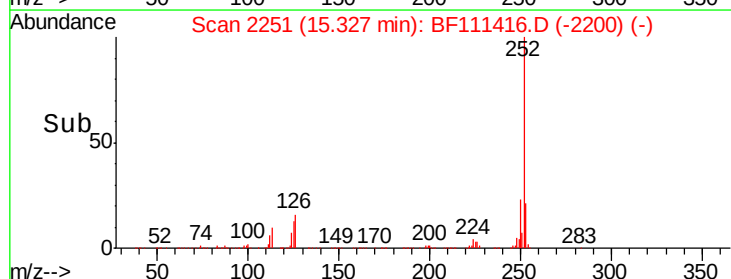
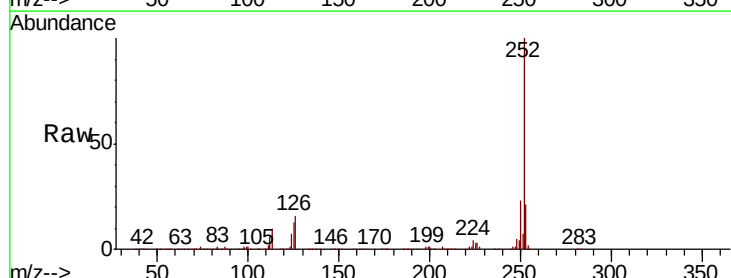
Instrument :
BNA_F
ClientSampleId :

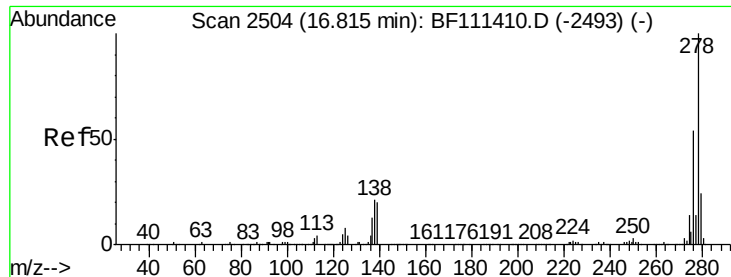
Tot Ion:252 Resp: 943331
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 12.5 9.8 14.8



#90
Benzo(a)pyrene
Concen: 39.523 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion:252 Resp: 838327
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 12.7 12.3 18.5

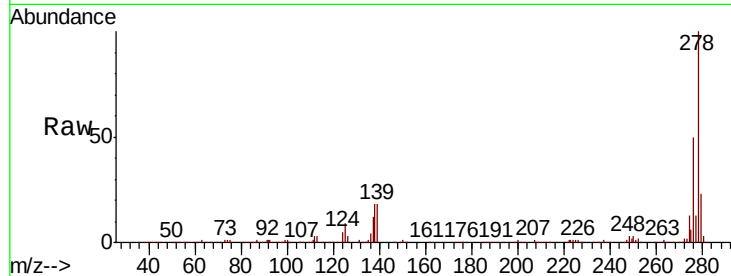




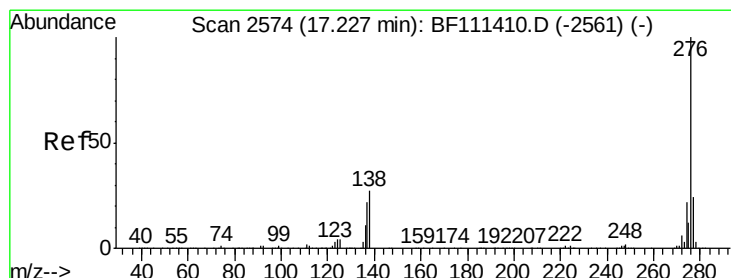
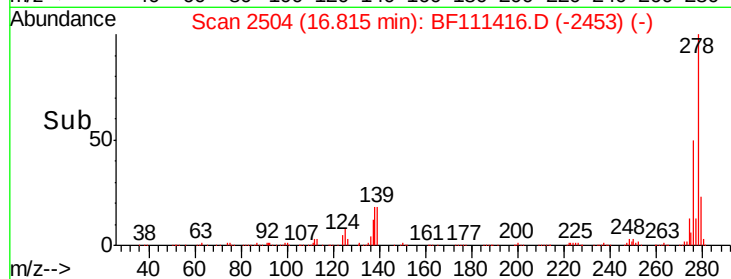
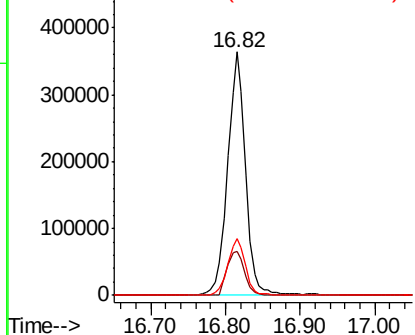
#91
Dibenzo(a,h)anthracene
Concen: 36.671 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	18.2	27.4#
279	23.2	19.0	28.6

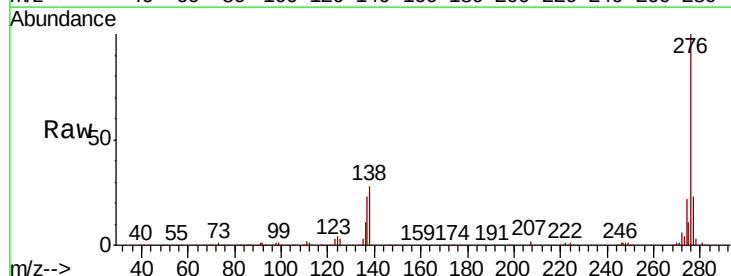


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.237 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF111416.D
Acq: 14 Dec 2018 14:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	28.0	24.9	37.3



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

