

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111516.D
 Acq On : 16 Dec 2018 18:51
 Operator : JU/SJ
 Sample : J6353-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Quant Time: Dec 17 06:43:41 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	217520	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	860487	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	354960	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	500945	20.00	ng	0.00
76) Chrysene-d12	13.96	240	305753	20.00	ng	0.00
87) Perylene-d12	15.40	264	202970	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1464902	112.07	ng	0.01
7) Phenol-d6	6.45	99	1750972	100.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	1397528	96.71	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	329669	103.68	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2145502	93.36	ng	0.00
79) Terphenyl-d14	12.90	244	1487797	114.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	168944	26.760	ng	97
3) Pyridine	3.27	79	414382	26.134	ng	94
4) n-Nitrosodimethylamine	3.20	42	244228	33.910	ng	83
6) Aniline	6.46	93	217212	10.071	ng	# 1
8) 2-Chlorophenol	6.59	128	574304	36.771	ng	96
9) Benzaldehyde	6.33	77	223433	21.186	ng	98
10) Phenol	6.46	94	831063	42.906	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	502406	33.088	ng	98
12) 1,3-Dichlorobenzene	6.73	146	705421	41.030	ng	98
13) 1,4-Dichlorobenzene	6.81	146	705300	40.416	ng	99
14) 1,2-Dichlorobenzene	6.96	146	667245	40.643	ng	99
15) Benzyl Alcohol	6.94	79	554314	41.898	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1177316	39.712	ng	74
17) 2-Methylphenol	7.06	107	543293	43.222	ng	# 91
18) Hexachloroethane	7.30	117	245295	37.770	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	465349	40.566	ng	99
20) 3+4-Methylphenols	7.22	107	709425	44.994	ng	# 63
22) Acetophenone	7.20	105	969006	50.446	ng	# 86
24) Nitrobenzene	7.37	77	670297	45.472	ng	95
25) Isophorone	7.62	82	1265951	51.777	ng	99
26) 2-Nitrophenol	7.69	139	286816	37.519	ng	91
27) 2,4-Dimethylphenol	7.74	122	604561	54.551	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	845379	50.085	ng	97
29) 2,4-Dichlorophenol	7.94	162	535332	45.250	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	540019	43.604	ng	99
31) Naphthalene	8.10	128	1953342	48.534	ng	97
32) Benzoic acid	7.74	122	604561	63.127	ng	# 14
33) 4-Chloroaniline	8.15	127	157557	8.804	ng	# 92
34) Hexachlorobutadiene	8.22	225	284529	41.700	ng	98
35) Caprolactam	8.52	113	179190	40.795	ng	91
36) 4-Chloro-3-methylphenol	8.64	107	540577	41.512	ng	98
37) 2-Methylnaphthalene	8.79	142	1261057	46.304	ng	99
38) 1-Methylnaphthalene	8.89	142	1157766	44.004	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	468459	48.124	ng	97

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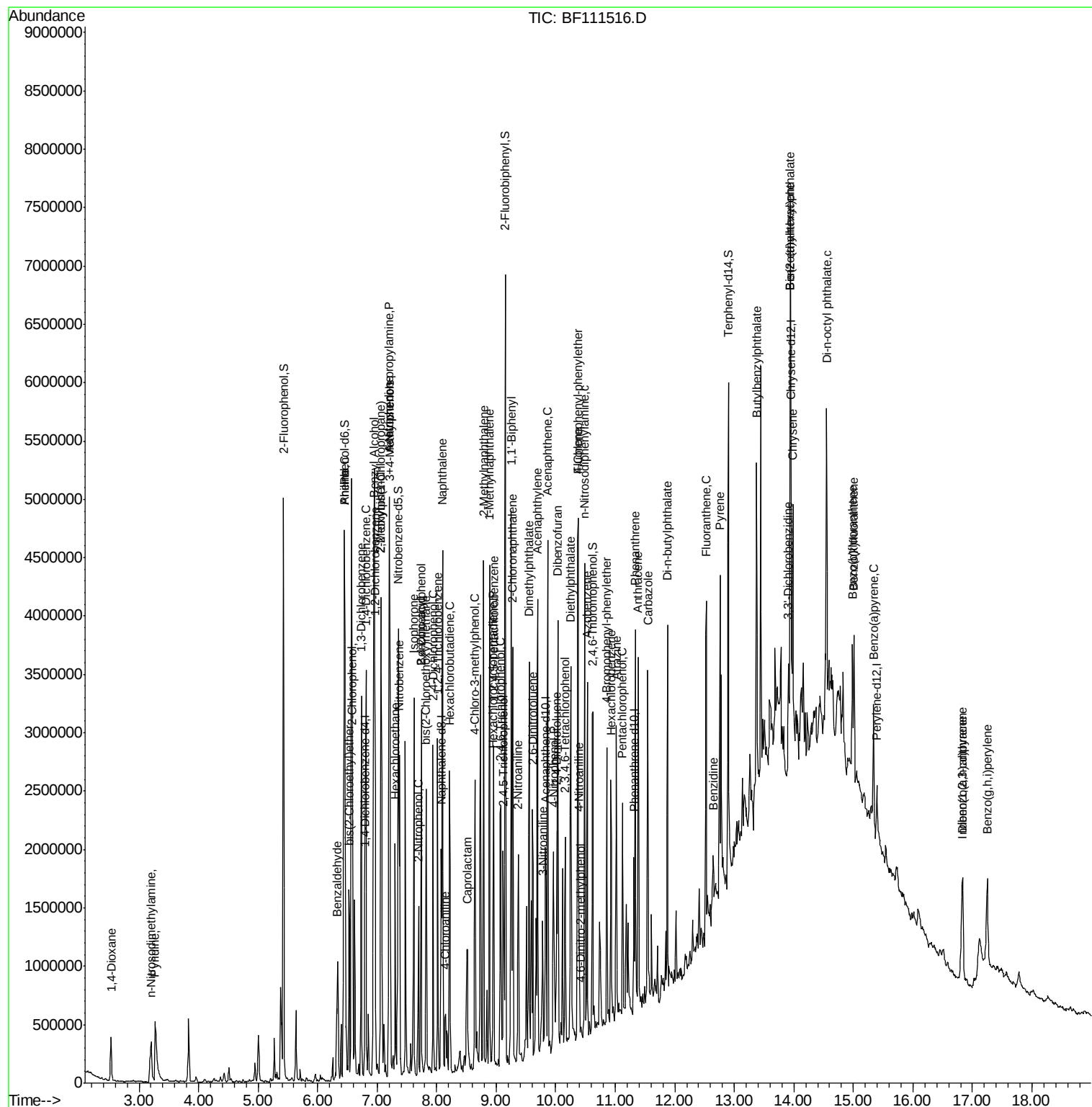
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	54611	10.927	ng	97
43) 2,4,6-Trichlorophenol	9.07	196	293364	42.580	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	302552	41.268	ng	92
46) 1,1'-Biphenyl	9.25	154	1367828	45.478	ng	96
47) 2-Chloronaphthalene	9.27	162	1067220	46.682	ng	96
48) 2-Nitroaniline	9.37	65	346708	46.708	ng	94
49) Acenaphthylene	9.69	152	1601900	47.206	ng	95
50) Dimethylphthalate	9.55	163	1427692	55.849	ng	99
51) 2,6-Dinitrotoluene	9.61	165	259402	45.081	ng	90
52) Acenaphthene	9.86	154	901889	42.049	ng	98
53) 3-Nitroaniline	9.78	138	185077	26.481	ng	91
55) Dibenzofuran	10.03	168	1360331	43.694	ng	96
56) 4-Nitrophenol	9.96	139	325939	67.387	ng	87
57) 2,4-Dinitrotoluene	10.02	165	314517	41.645	ng	# 95
58) Fluorene	10.37	166	981901	43.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	201065	35.101	ng	96
60) Diethylphthalate	10.25	149	1138423	43.964	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	450357	40.763	ng	99
62) 4-Nitroaniline	10.39	138	257295	37.188	ng	95
63) Azobenzene	10.53	77	1038104	40.665	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	8046	2.845	ng	# 70
66) n-Nitrosodiphenylamine	10.49	169	890246	51.534	ng	96
67) 4-Bromophenyl-phenylether	10.86	248	262997	48.711	ng	98
68) Hexachlorobenzene	10.93	284	254660	45.853	ng	# 91
69) Atrazine	11.02	200	254019	50.881	ng	99
70) Pentachlorophenol	11.12	266	214793	63.055	ng	95
71) Phenanthrene	11.34	178	1265859	49.040	ng	94
72) Anthracene	11.39	178	1301386	49.298	ng	95
73) Carbazole	11.55	167	1190962	43.628	ng	96
74) Di-n-butylphthalate	11.87	149	1518762	49.956	ng	96
75) Fluoranthene	12.53	202	1217529	48.214	ng	98
77) Benzidine	12.65	184	195138	17.362	ng	97
78) Pyrene	12.76	202	1240494	57.546	ng	96
80) Butylbenzylphthalate	13.37	149	627273	59.699	ng	95
81) Benzo(a)anthracene	13.95	228	794564	47.793	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	168293	24.901	ng	# 96
83) Chrysene	13.98	228	829453	47.361	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	985052	73.399	ng	99
85) Di-n-octyl phthalate	14.55	149	1196896	52.873	ng	# 85
86) Indeno(1,2,3-cd)pyrene	16.82	276	510124	40.358	ng	# 92
88) Benzo(b)fluoranthene	14.99	252	610646	51.603	ng	# 95
89) Benzo(k)fluoranthene	15.01	252	556618	49.228	ng	# 94
90) Benzo(a)pyrene	15.34	252	525837	49.277	ng	# 97
91) Dibenzo(a,h)anthracene	16.84	278	427020	50.729	ng	97
92) Benzo(g,h,i)perylene	17.25	276	607968	73.581	ng	96

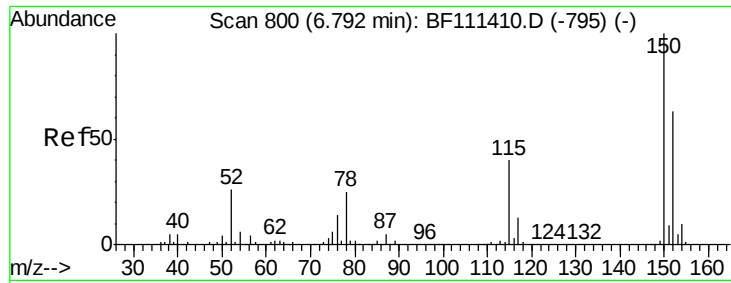
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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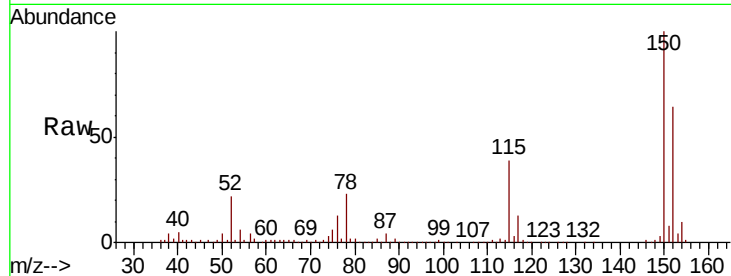




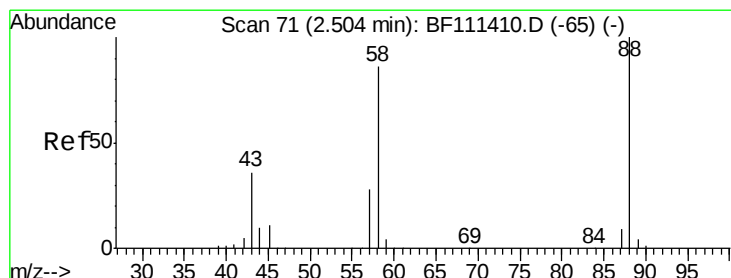
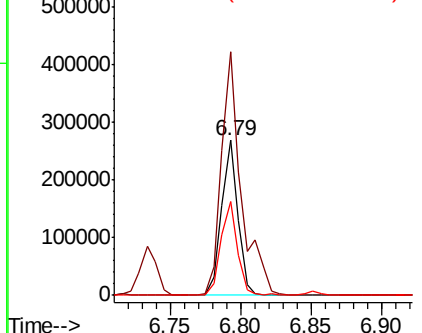
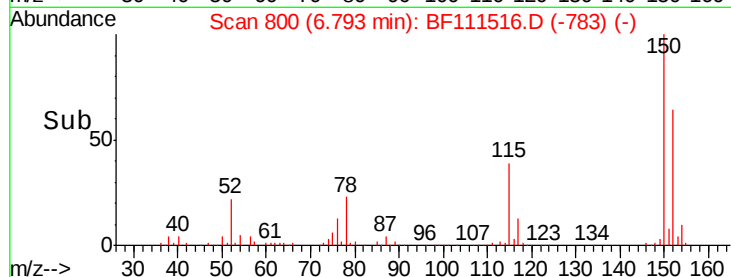
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tgt Ion: 152 Resp: 217520
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.6 189.8
 115 60.6 50.7 76.1

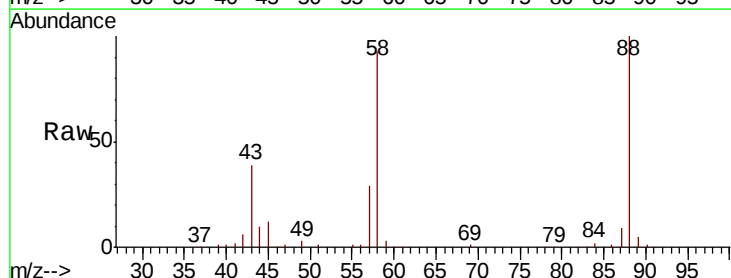


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

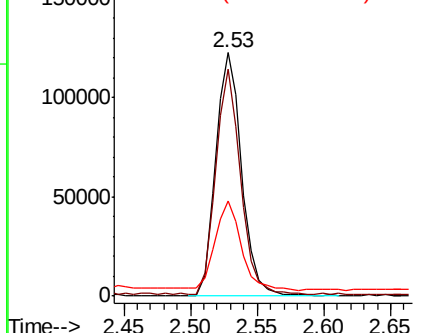
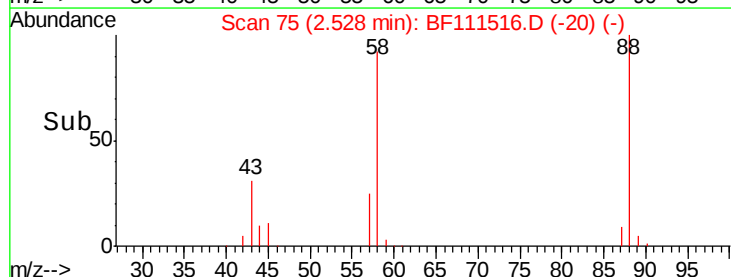


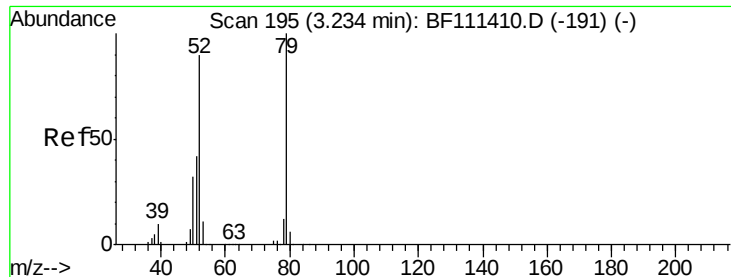
#2
 1,4-Dioxane
 Concen: 26.760 ng
 RT: 2.53 min Scan# 75
 Delta R.T. 0.02 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion: 88 Resp: 168944
 Ion Ratio Lower Upper
 88 100
 58 87.3 68.9 103.3
 43 37.0 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

Pyridine

Concen: 26.134 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.04 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

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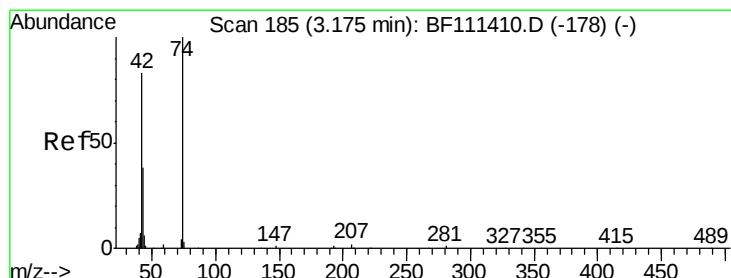
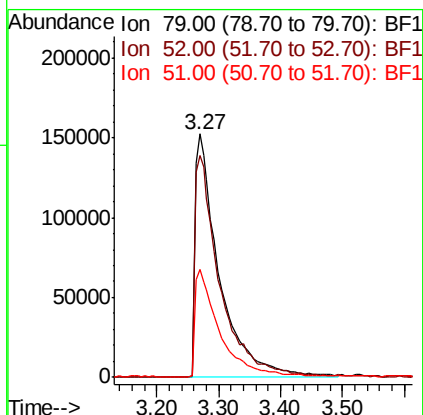
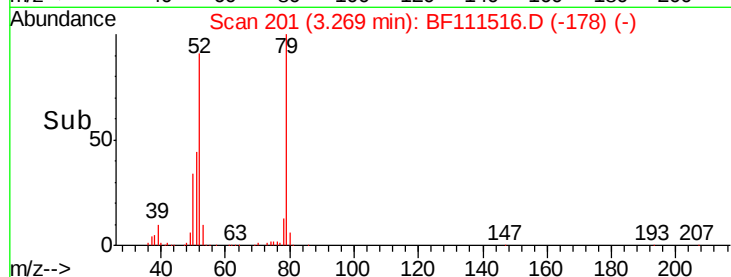
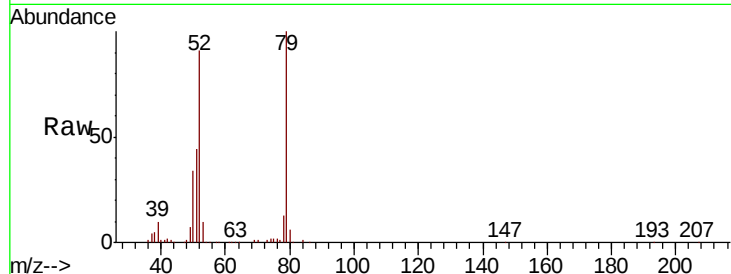
Tgt Ion: 79 Resp: 414382

Ion Ratio Lower Upper

79 100

52 91.2 68.3 102.5

51 44.2 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 33.910 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.03 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

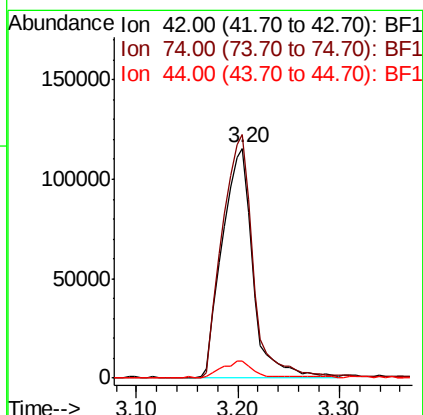
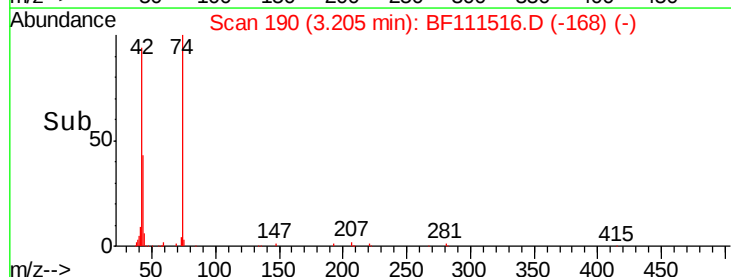
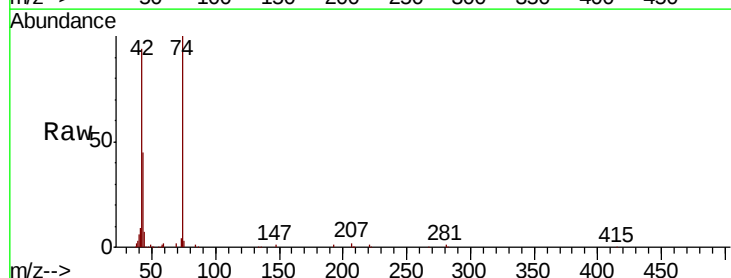
Tgt Ion: 42 Resp: 244228

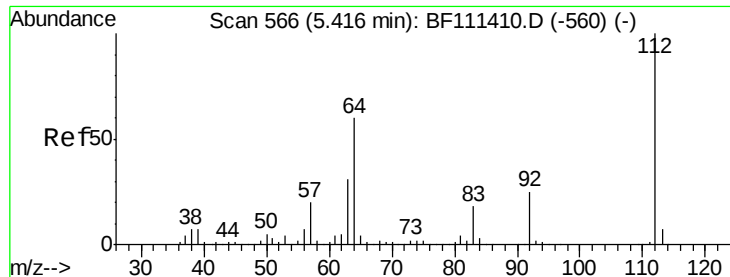
Ion Ratio Lower Upper

42 100

74 106.0 101.5 152.3

44 7.2 6.0 9.0





#5

2-Fluorophenol

Concen: 112.067 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

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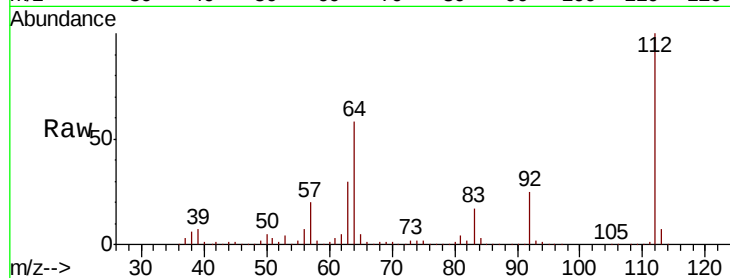
Tgt Ion:112 Resp: 1464902

Ion Ratio Lower Upper

112 100

64 57.8 51.8 77.6

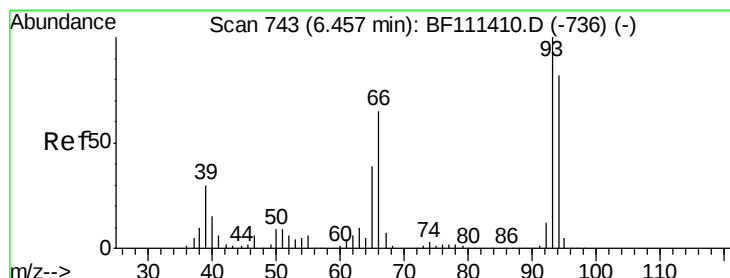
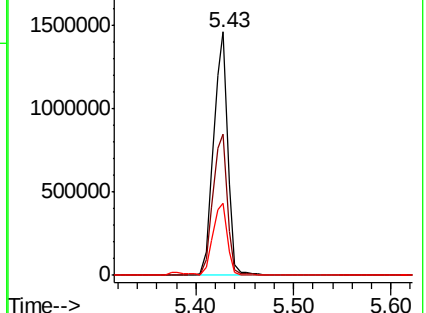
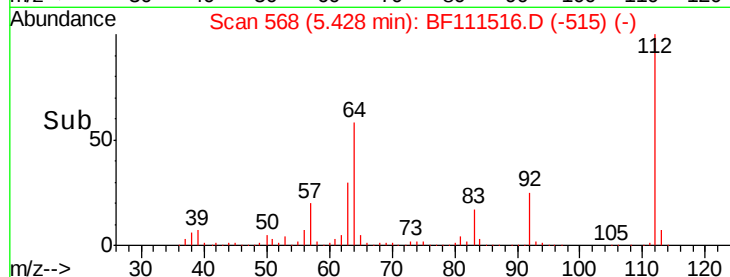
63 29.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.071 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

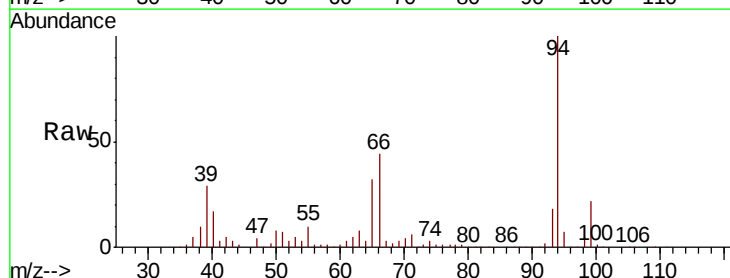
Tgt Ion: 93 Resp: 217212

Ion Ratio Lower Upper

93 100

66 239.9 33.2 49.8#

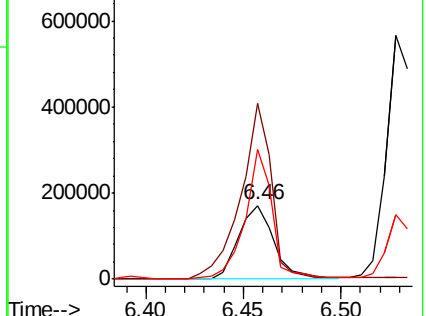
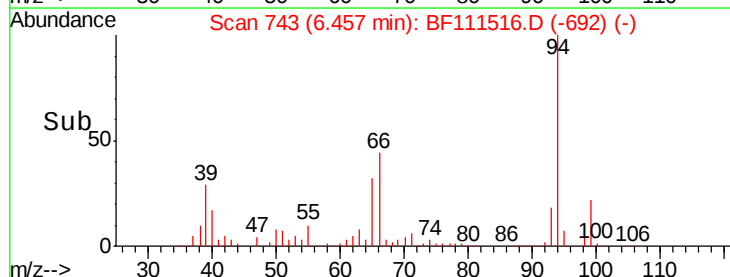
65 176.8 17.0 25.4#

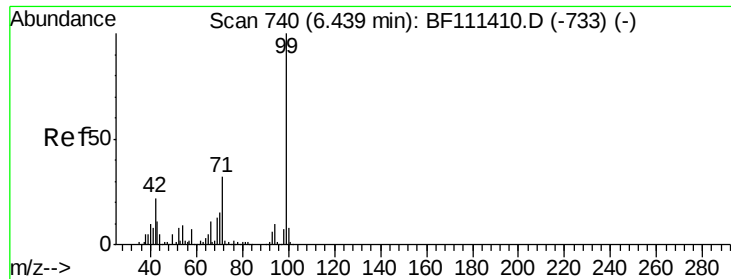


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.702 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

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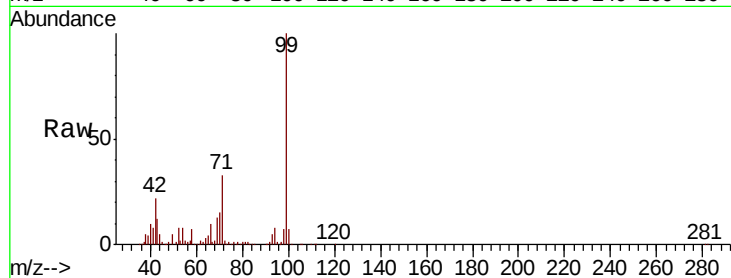
Tgt Ion: 99 Resp: 1750972

Ion Ratio Lower Upper

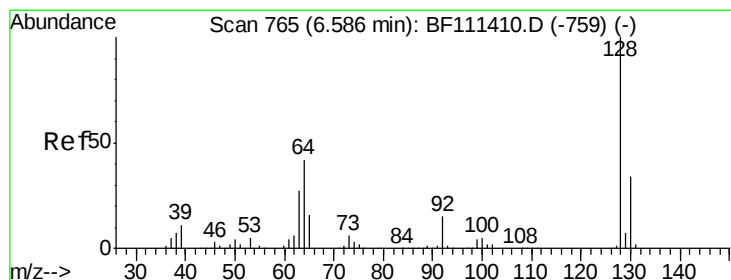
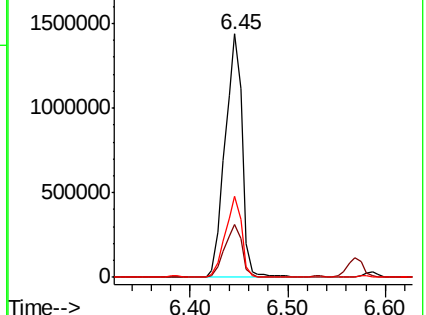
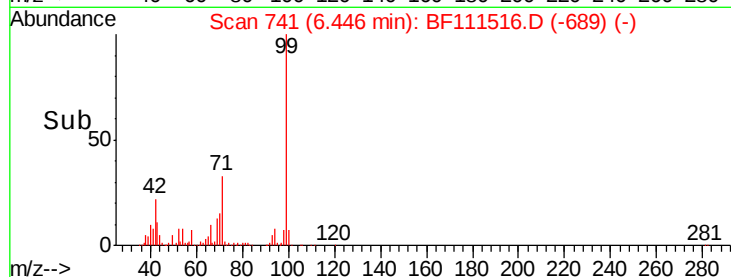
99 100

42 22.0 17.4 26.0

71 33.2 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: 36.771 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

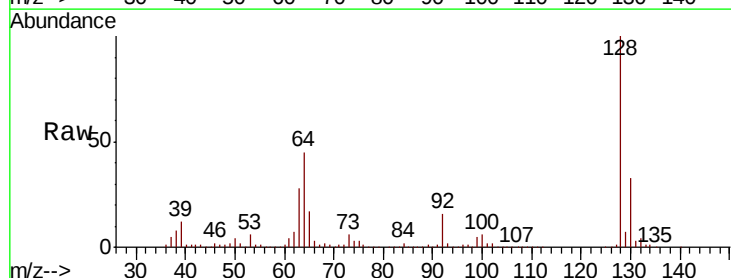
Tgt Ion: 128 Resp: 574304

Ion Ratio Lower Upper

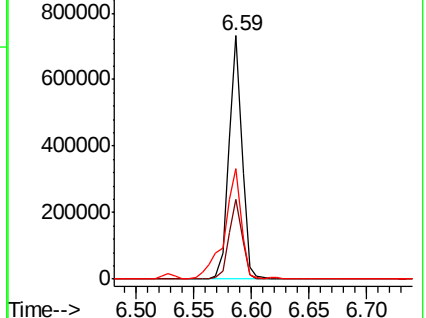
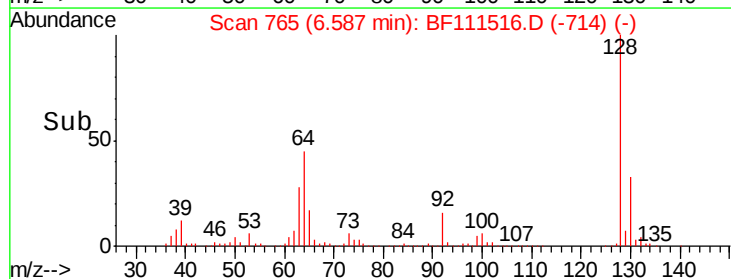
128 100

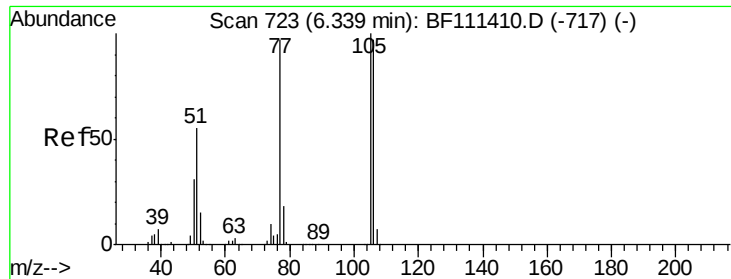
130 32.5 12.7 52.7

64 45.2 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: 21.186 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

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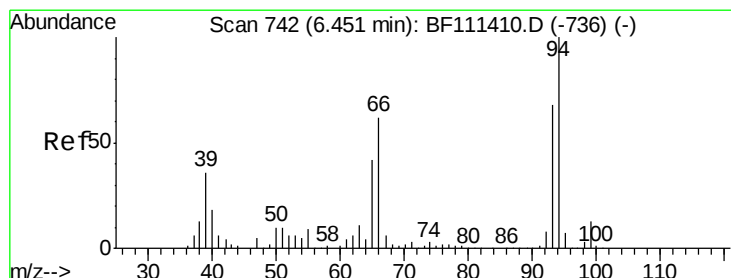
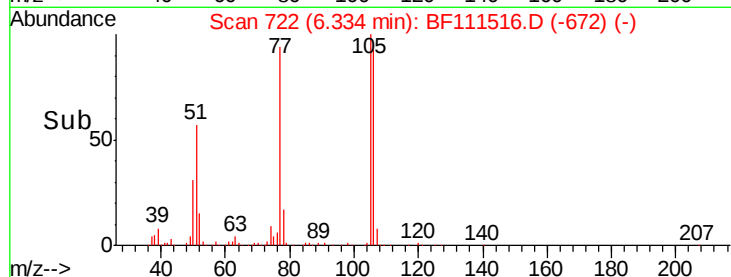
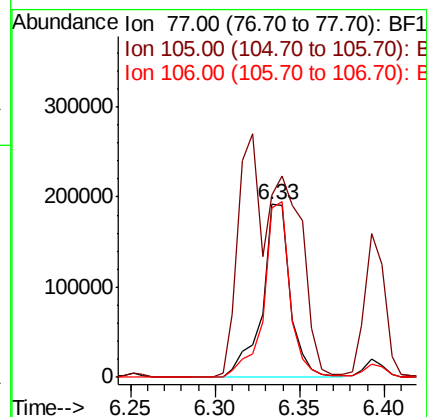
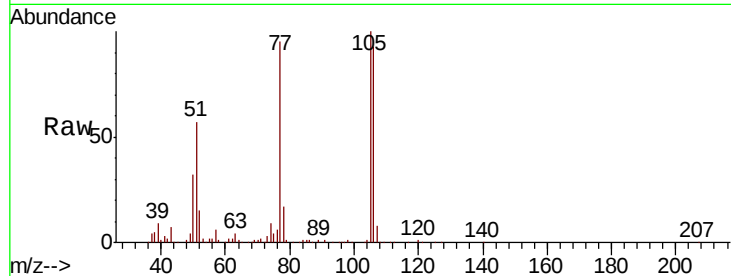
Tgt Ion: 77 Resp: 223433

Ion Ratio Lower Upper

77 100

105 105.8 81.4 121.4

106 98.4 77.9 117.9



#10

Phenol

Concen: 42.906 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

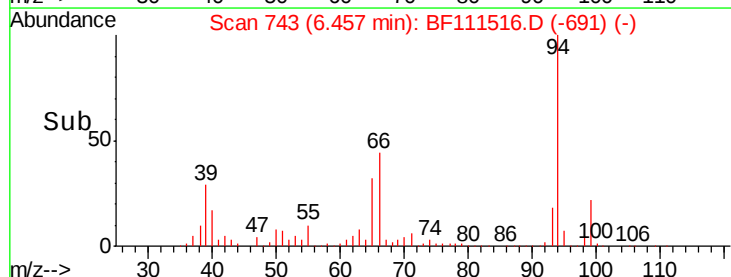
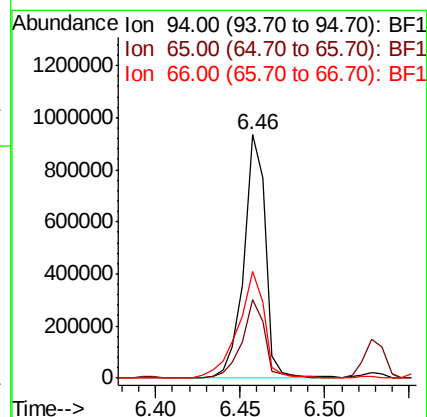
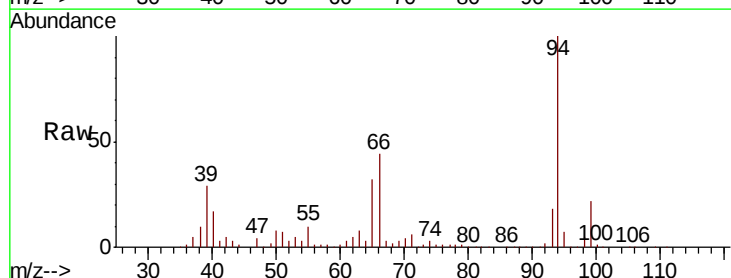
Tgt Ion: 94 Resp: 831063

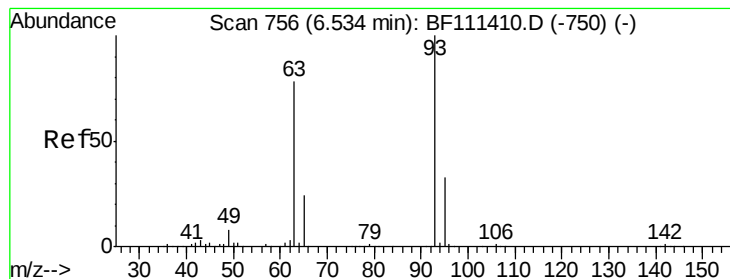
Ion Ratio Lower Upper

94 100

65 32.3 11.7 51.7

66 43.8 21.0 61.0





#11

bis(2-Chloroethyl)ether

Concen: 33.088 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

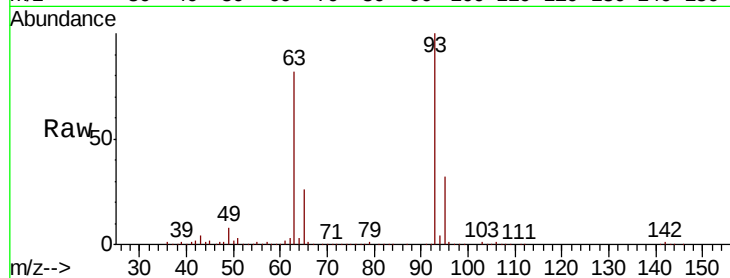
Tgt Ion: 93 Resp: 502406

Ion Ratio Lower Upper

93 100

63 81.5 60.0 100.0

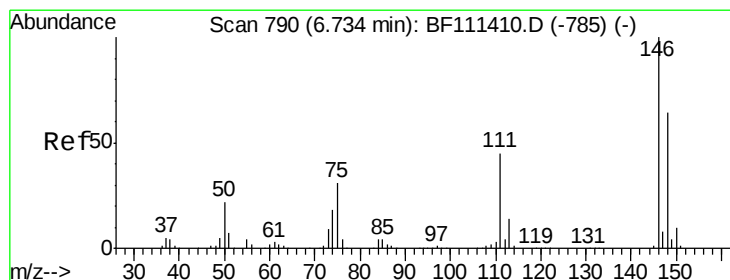
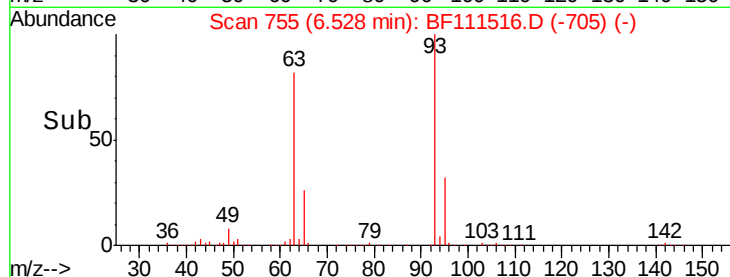
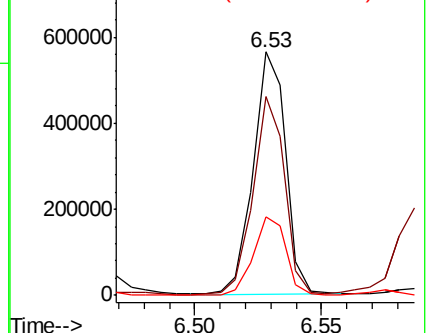
95 32.4 13.4 53.4



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



#12

1,3-Dichlorobenzene

Concen: 41.030 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

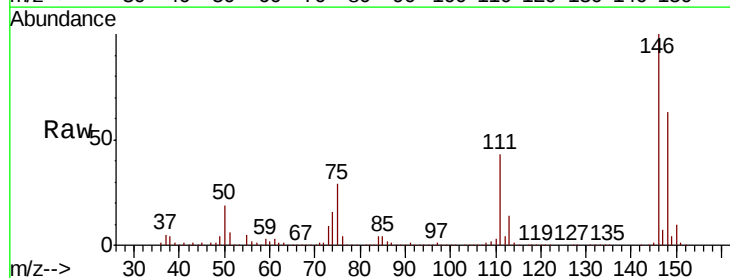
Tgt Ion: 146 Resp: 705421

Ion Ratio Lower Upper

146 100

148 63.5 52.1 78.1

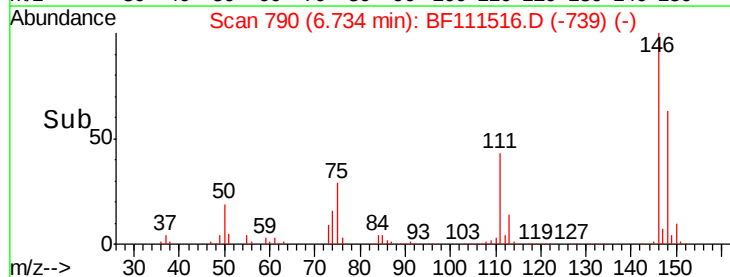
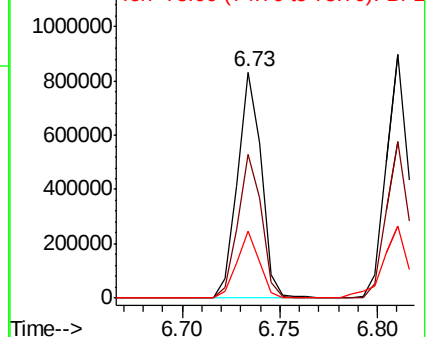
75 29.4 23.9 35.9

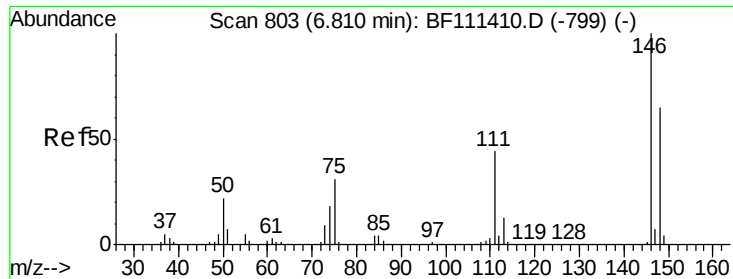


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

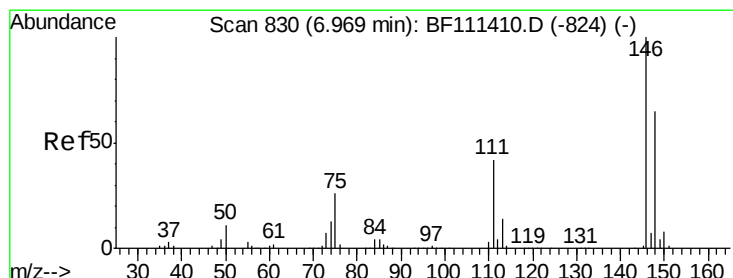
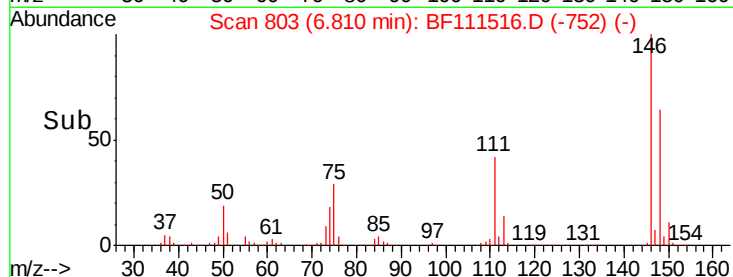
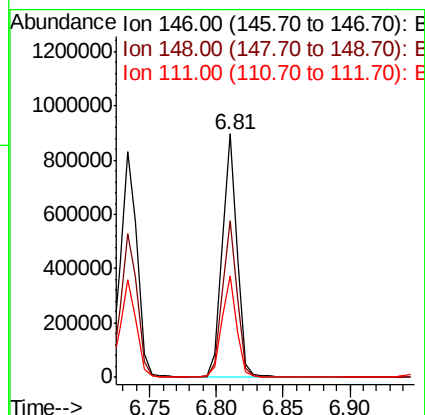
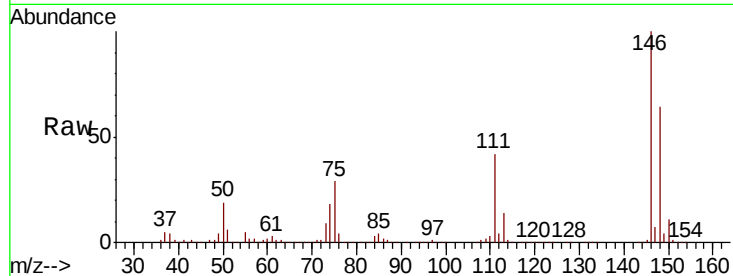




#13
 1,4-Dichlorobenzene
 Concen: 40.416 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

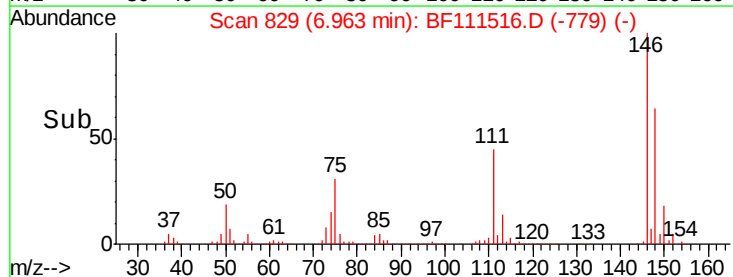
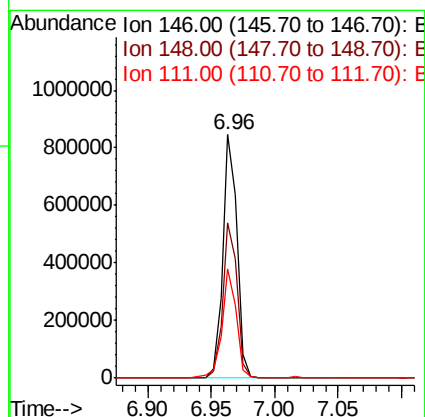
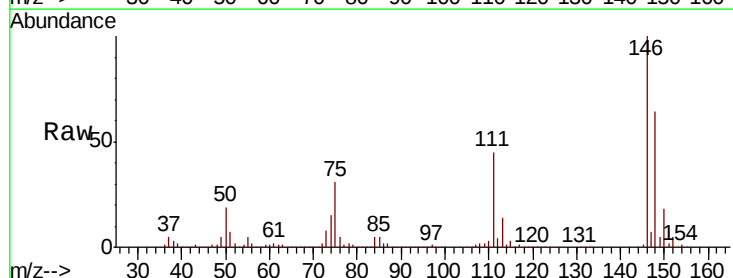
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

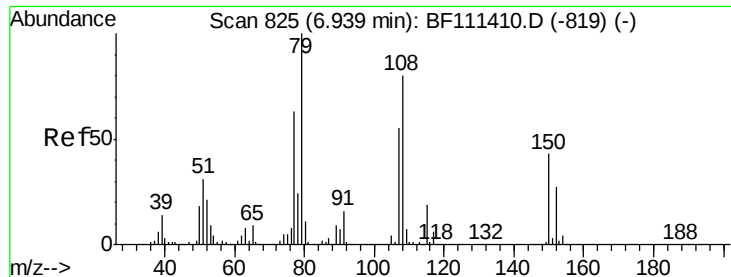
Tgt Ion:146 Resp: 705300
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.8 79.2
 111 41.7 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 40.643 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion:146 Resp: 667245
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 44.7 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.898 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

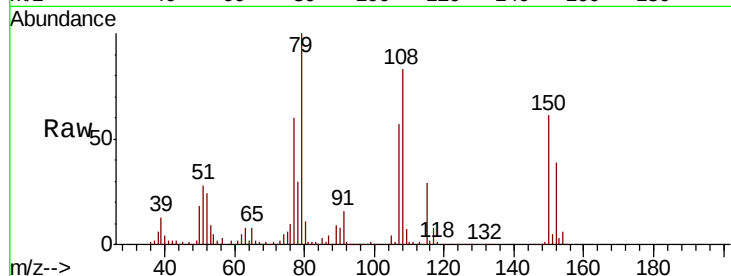
Tgt Ion: 79 Resp: 554314

Ion Ratio Lower Upper

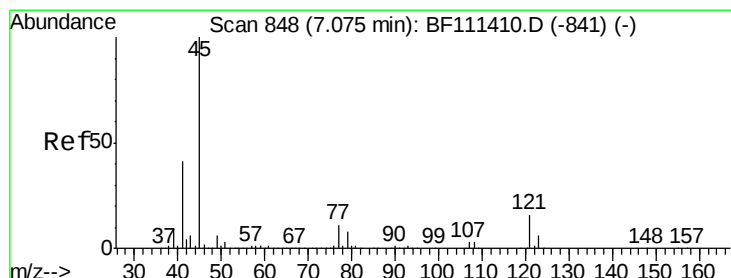
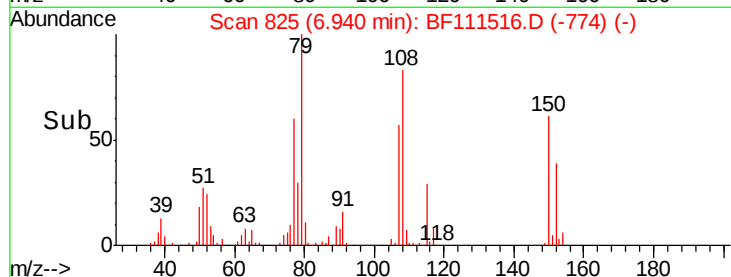
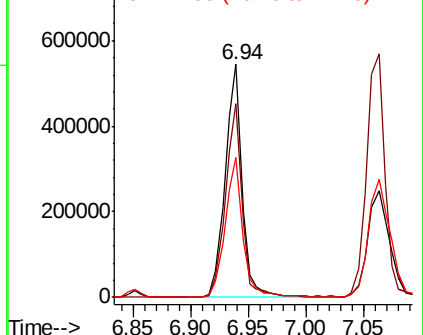
79 100

108 82.9 69.4 104.2

77 60.2 49.7 74.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.712 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

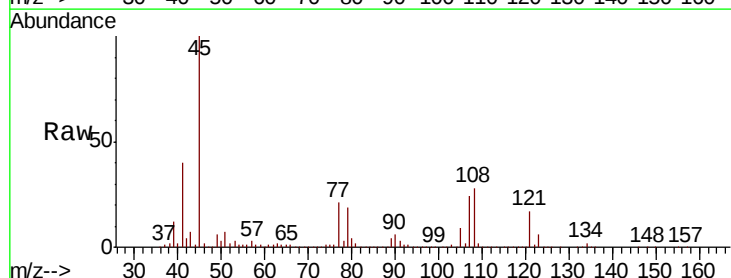
Tgt Ion: 45 Resp: 1177316

Ion Ratio Lower Upper

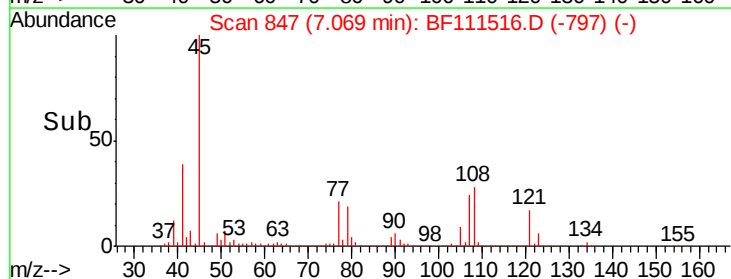
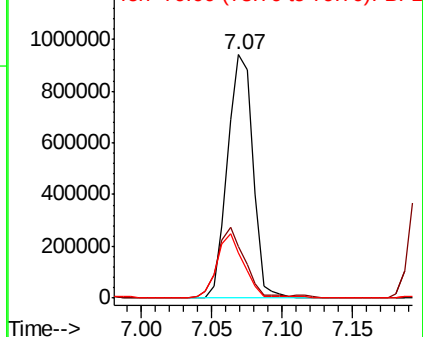
45 100

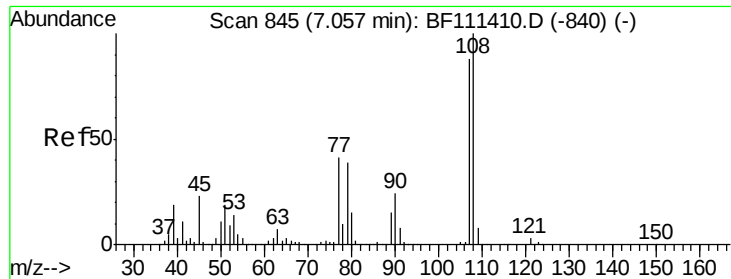
77 21.2 0.0 31.5

79 18.7 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

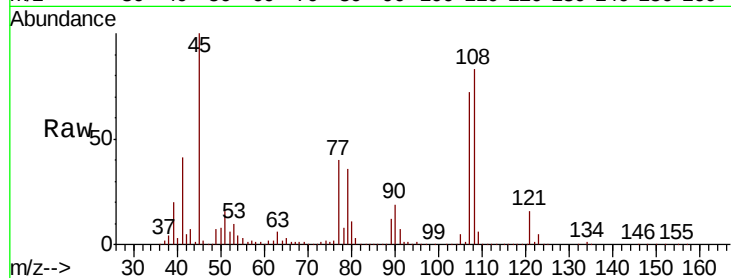




#17
2-Methylphenol
Concen: 43.222 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.0	136.4
77	55.9	33.5	50.3#
79	50.7	33.3	49.9#



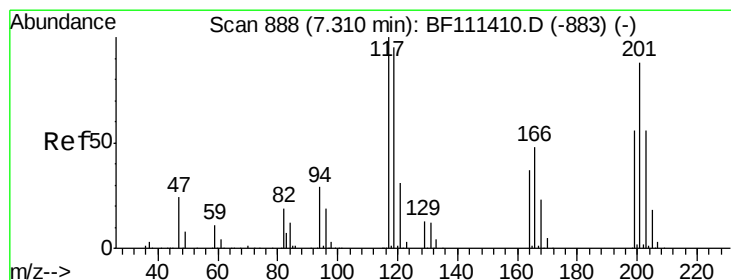
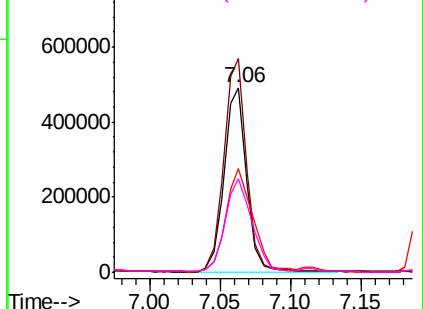
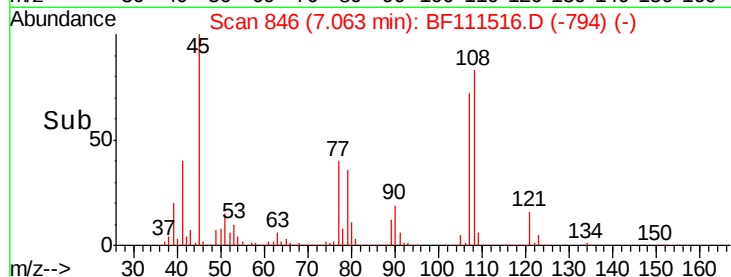
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

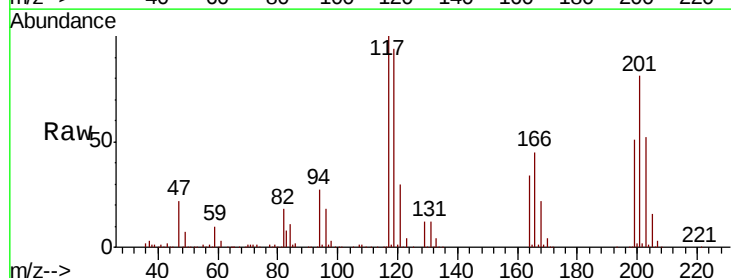
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.770 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.4	113.0
201	81.0	62.4	93.6

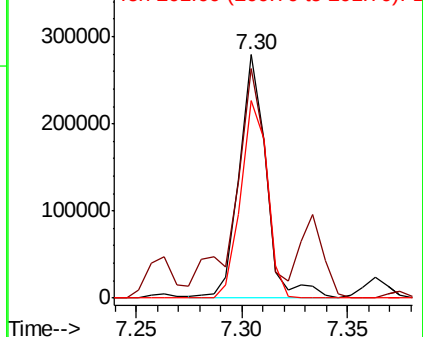
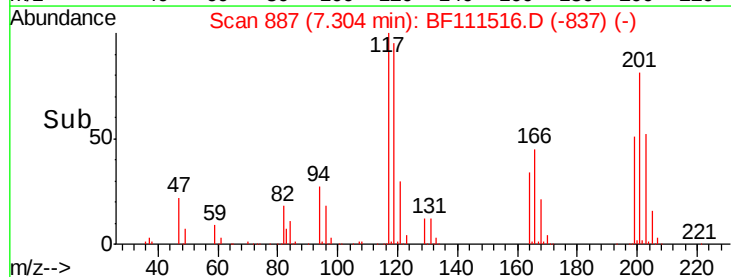


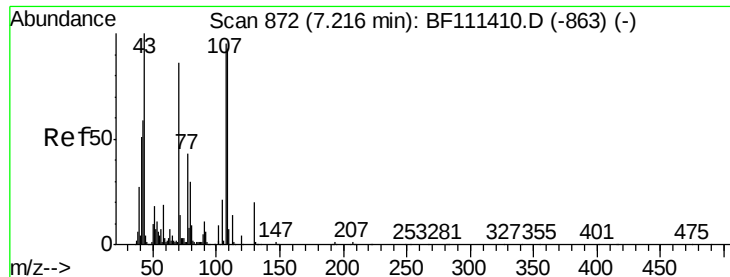
Abundance

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: 40.566 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

Tgt Ion: 70 Resp: 465349

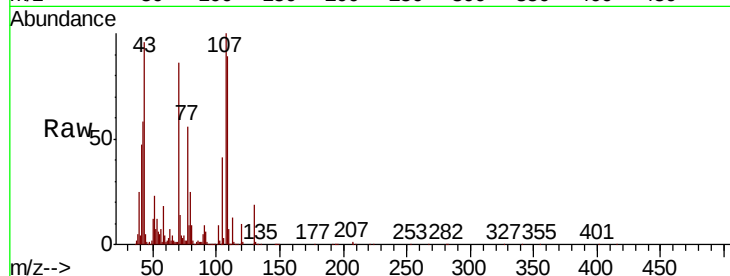
Ion Ratio Lower Upper

70 100

42 67.9 53.2 79.8

101 10.5 8.2 12.4

130 22.3 18.1 27.1

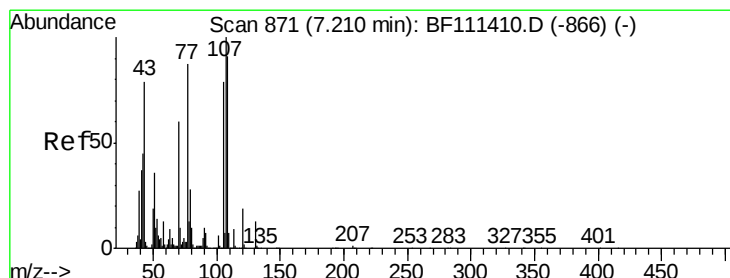
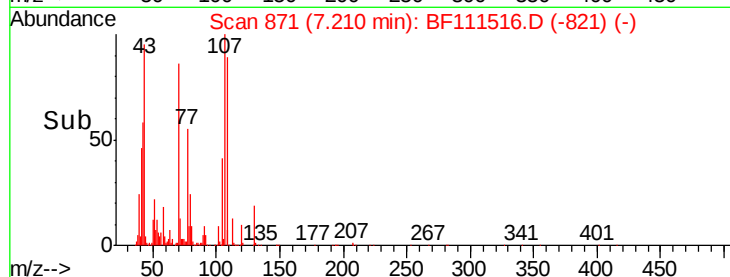
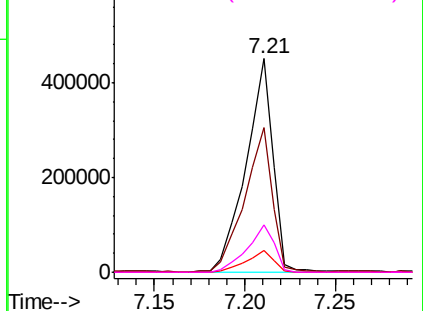


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 44.994 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion: 107 Resp: 709425

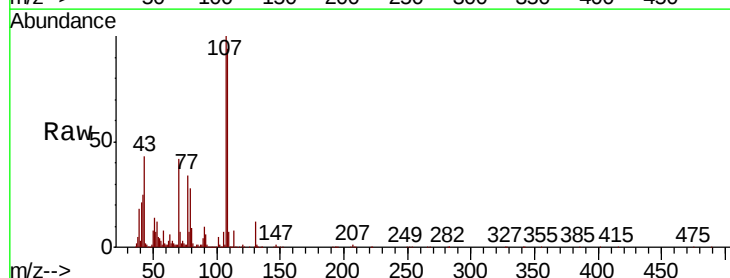
Ion Ratio Lower Upper

107 100

108 93.5 72.1 112.1

77 33.7 94.1 134.1#

79 27.5 9.8 49.8

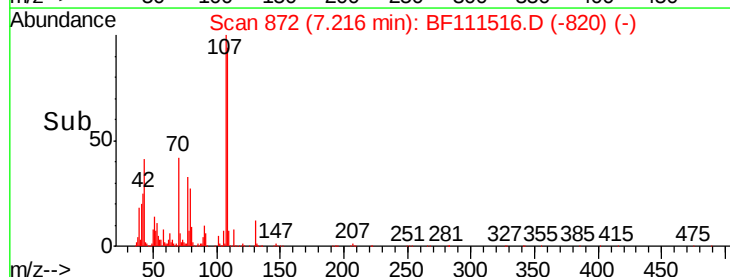
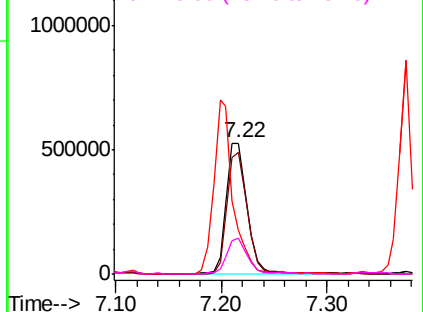


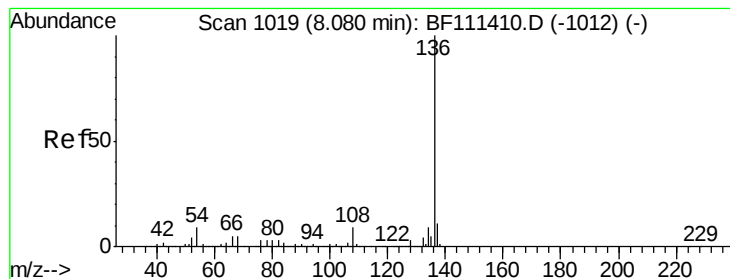
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

Tgt Ion:136 Resp: 860487

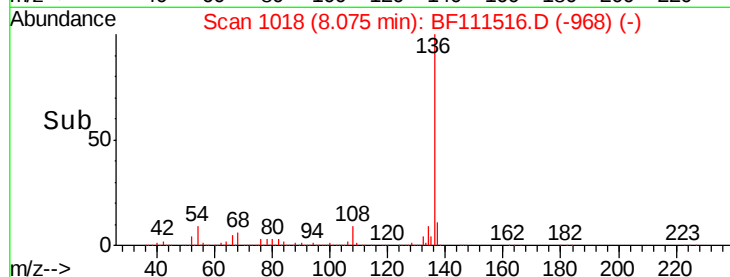
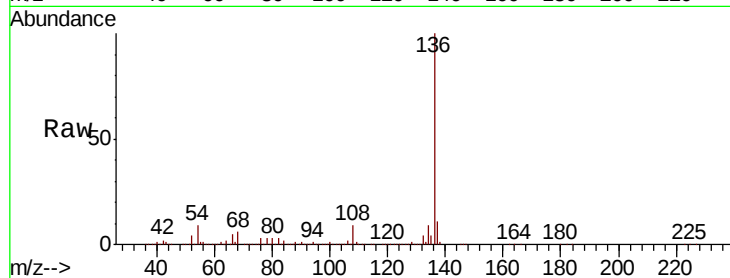
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.9 7.7 11.5

68 5.8 4.9 7.3

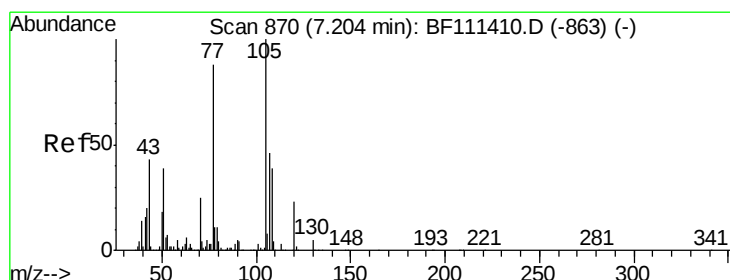
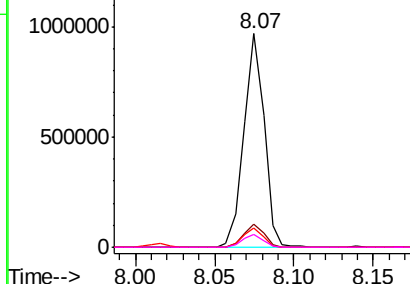


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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: 50.446 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion:105 Resp: 969006

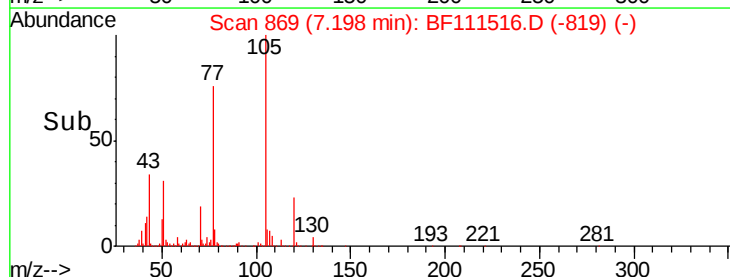
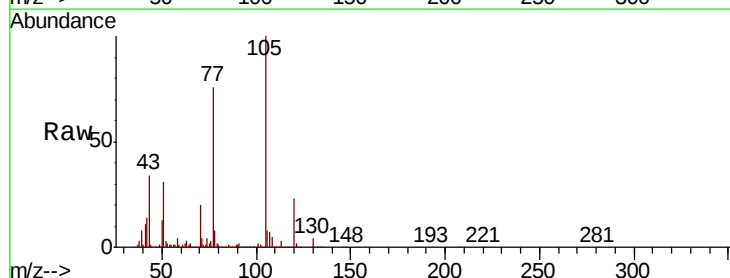
Ion Ratio Lower Upper

105 100

71 3.5 3.1 4.7

51 30.9 36.6 54.8#

120 22.8 18.2 27.4

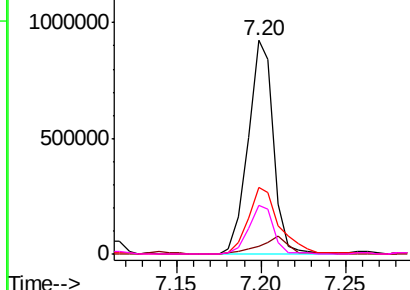


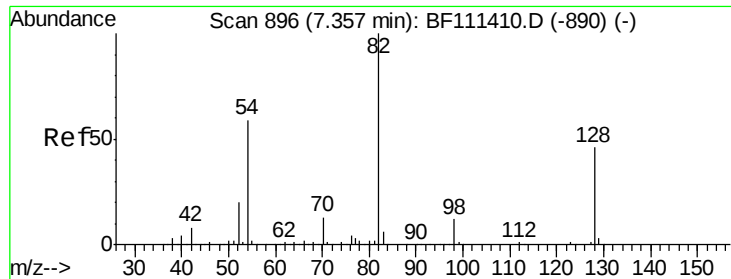
Abundance Ion 105.00 (104.70 to 105.70): E

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

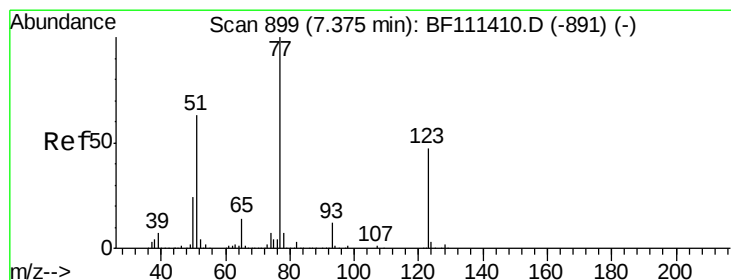
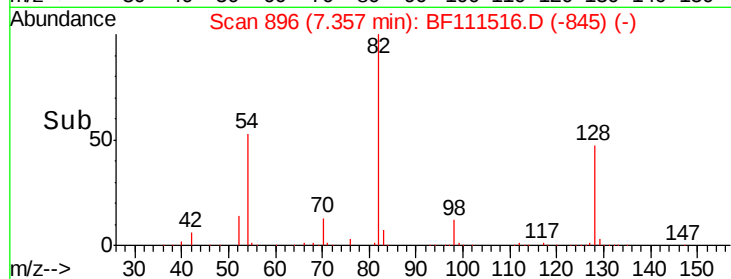
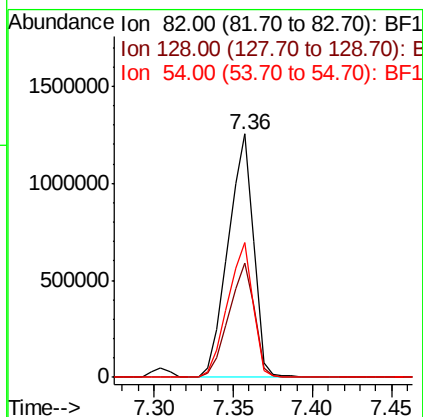
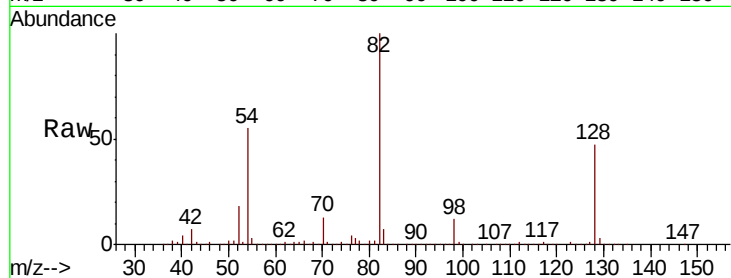




#23
 Nitrobenzene-d5
 Concen: 96.714 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

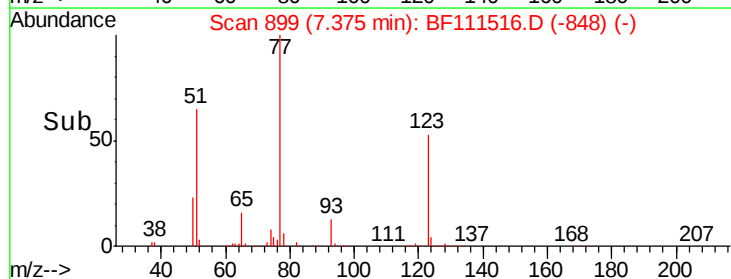
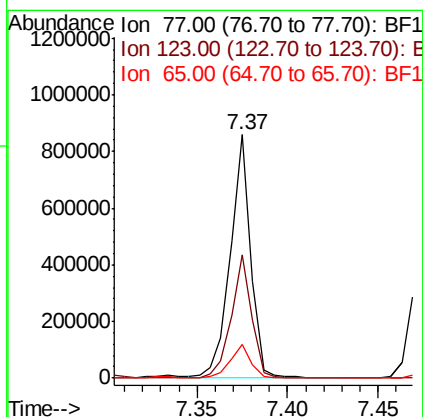
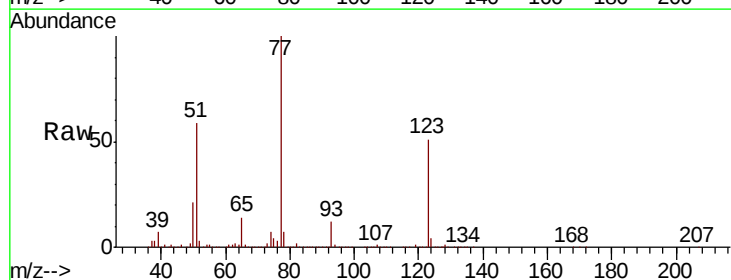
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

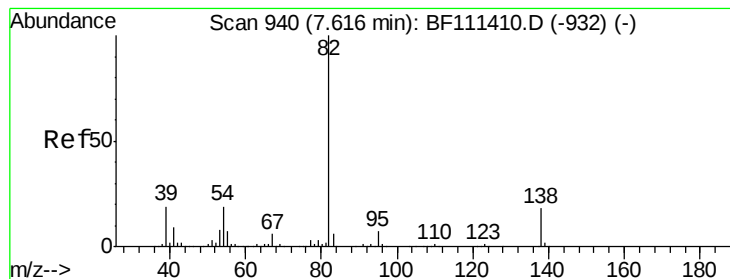
Tgt Ion: 82 Resp: 1397528
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.4 56.2
 54 55.3 47.6 71.4



#24
 Nitrobenzene
 Concen: 45.472 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion: 77 Resp: 670297
 Ion Ratio Lower Upper
 77 100
 123 50.5 37.2 55.8
 65 14.0 11.5 17.3





#25

Isophorone

Concen: 51.777 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

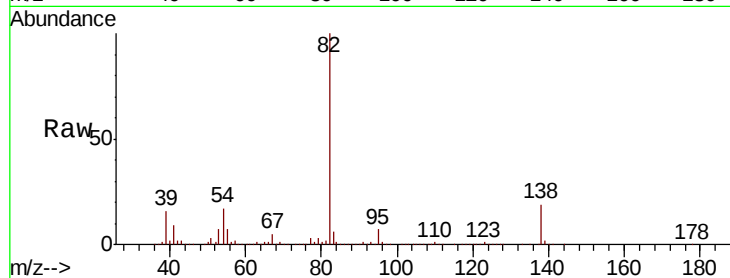
Tgt Ion: 82 Resp: 1265951

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

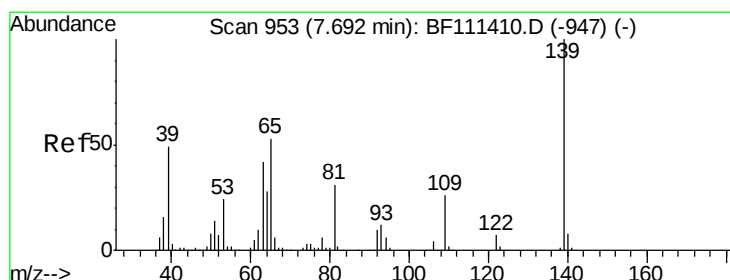
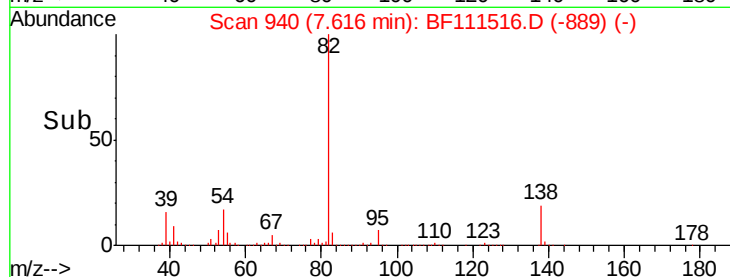
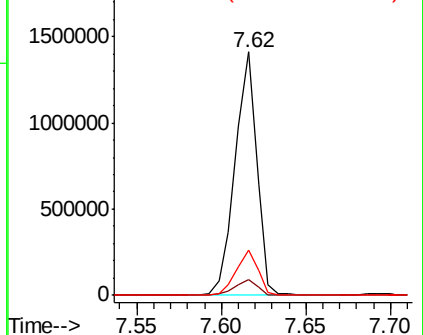
138 18.5 15.1 22.7



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: 37.519 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

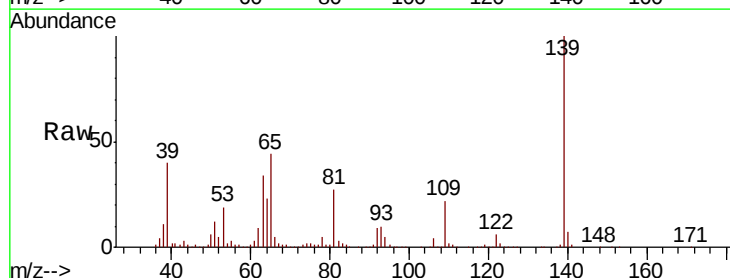
Tgt Ion: 139 Resp: 286816

Ion Ratio Lower Upper

139 100

109 21.9 20.2 30.4

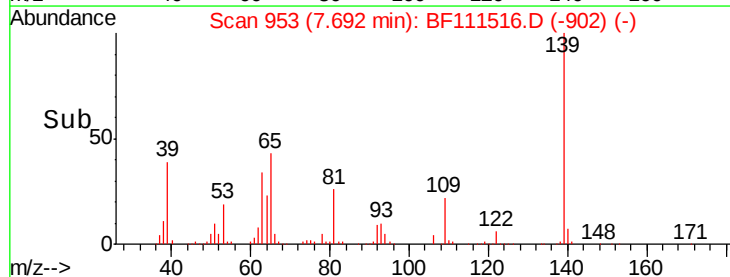
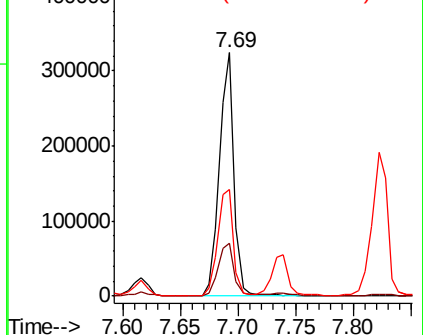
65 43.9 40.7 61.1

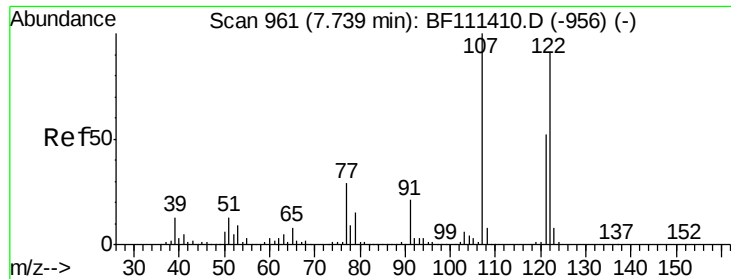


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

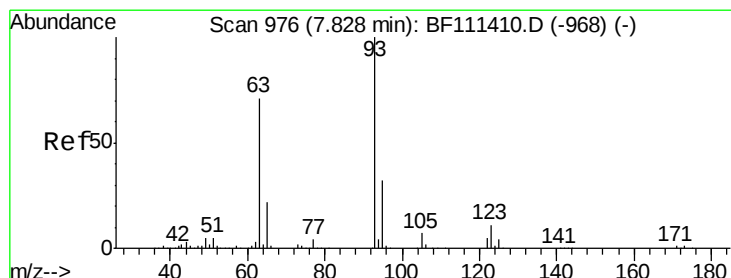
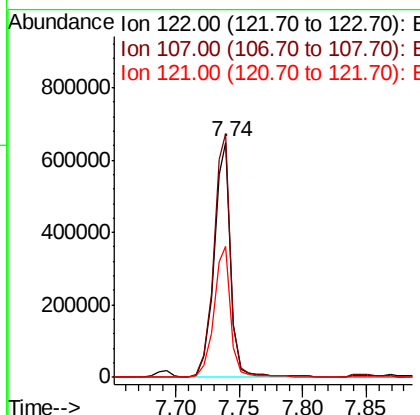
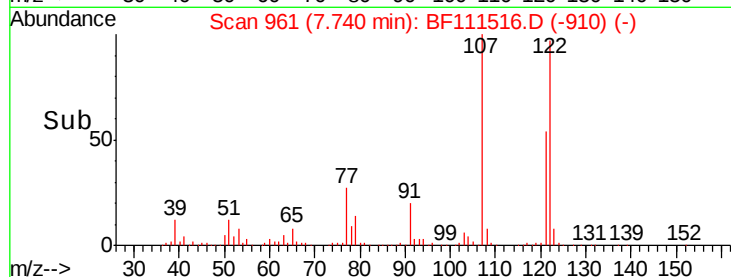
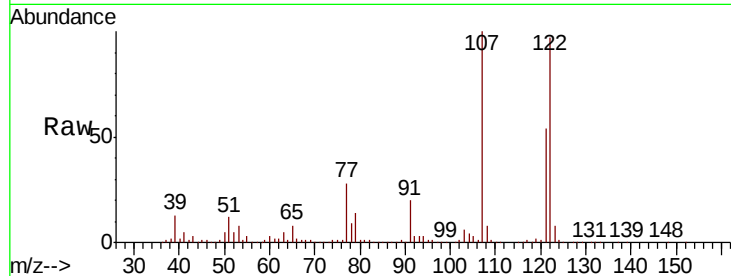




#27
 2,4-Dimethylphenol
 Concen: 54.551 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

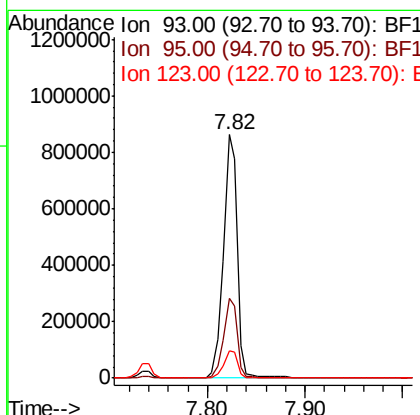
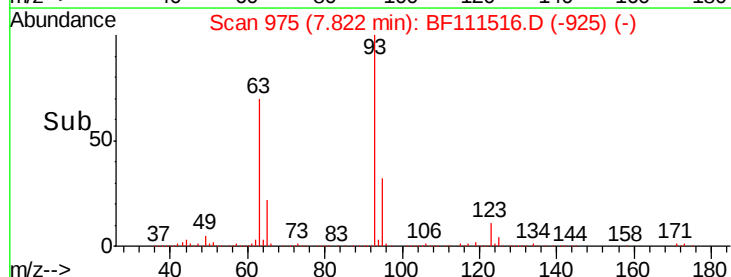
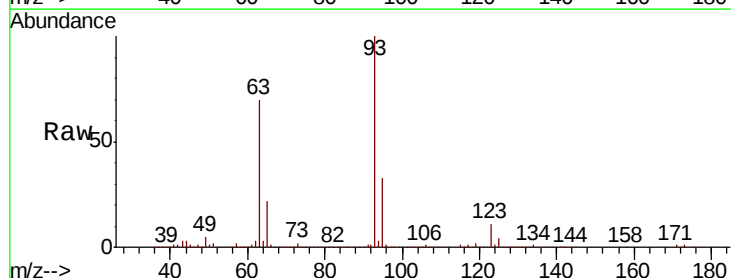
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

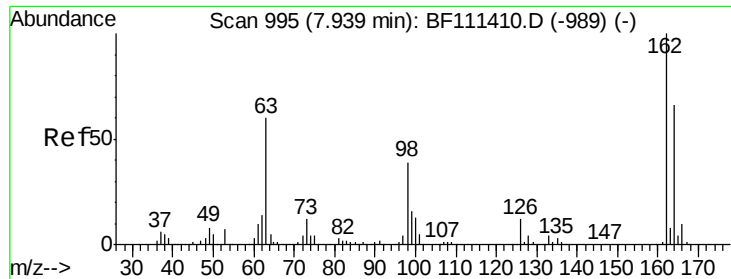
Tgt Ion	Ratio	Lower	Upper
122	100		
107	103.5	85.5	128.3
121	55.5	46.6	70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.085 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.1	40.7
123	11.0	9.9	14.9

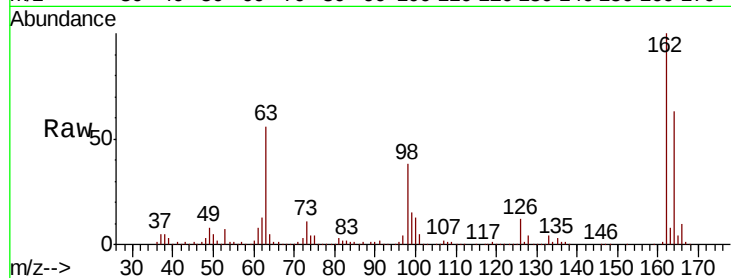




#29
2,4-Dichlorophenol
Concen: 45.250 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.4	84.4
98	38.2	20.3	60.3

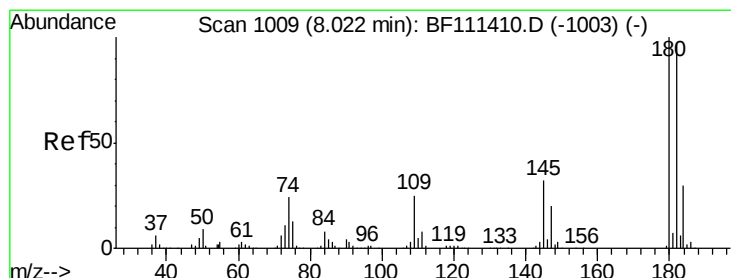
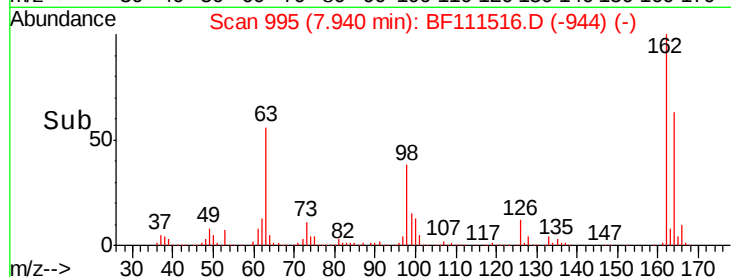
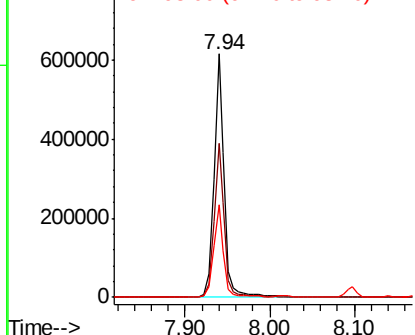


Abundance

Ion 162.00 (161.70 to 162.70): E

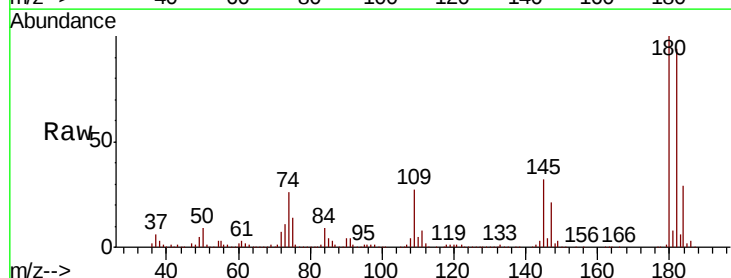
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.604 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.6	113.4
145	32.2	26.7	40.1

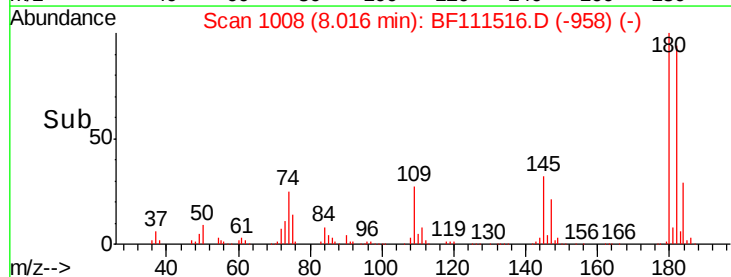
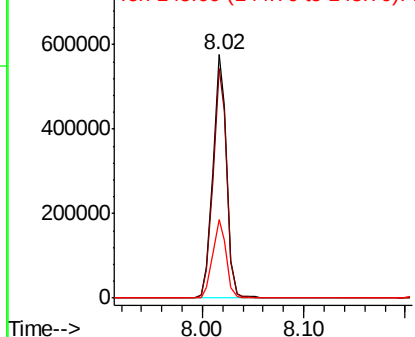


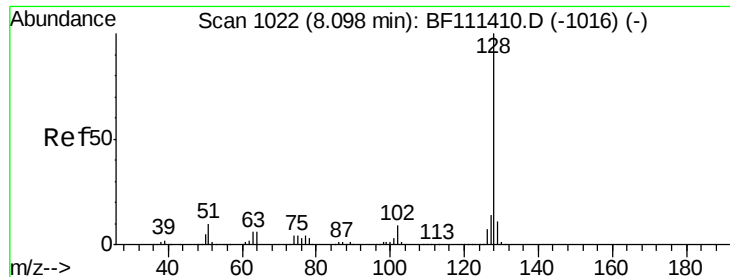
Abundance

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

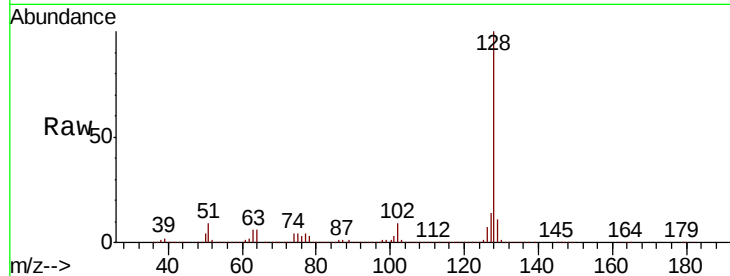




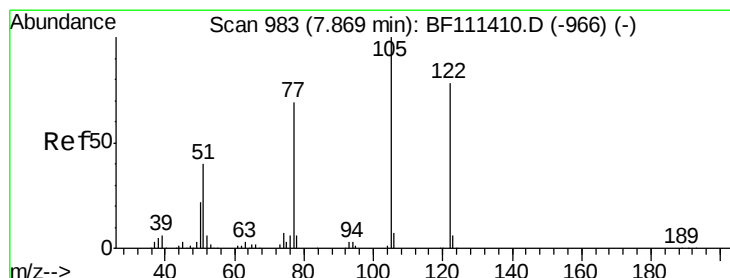
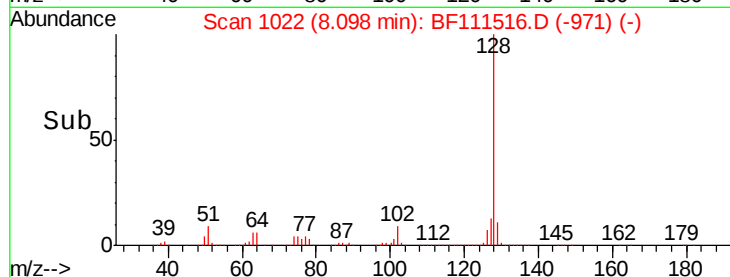
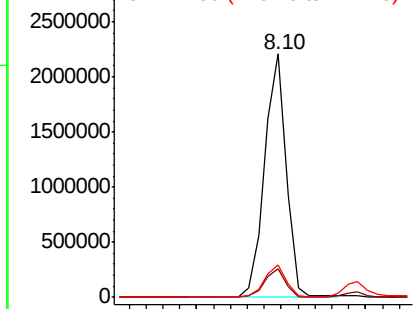
#31
Naphthalene
Concen: 48.534 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tgt Ion:128 Resp: 1953342
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 13.5 12.0 18.0

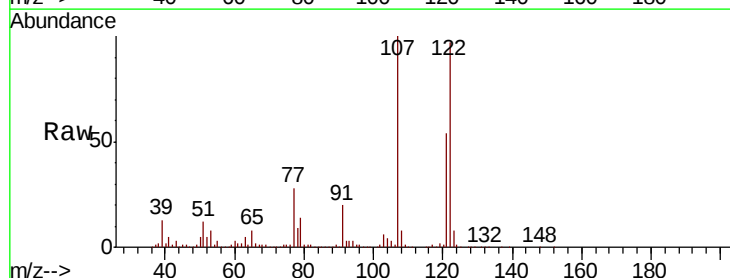


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

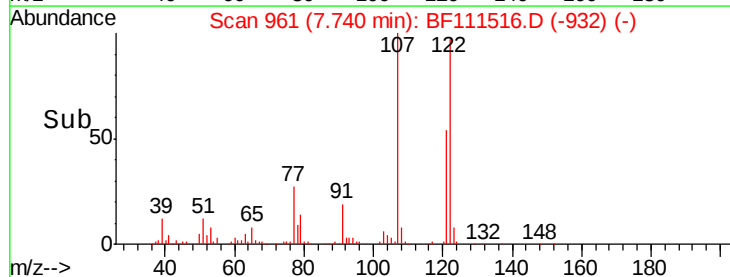
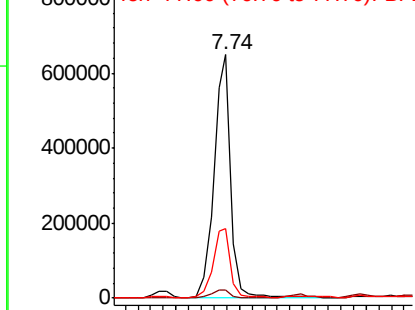


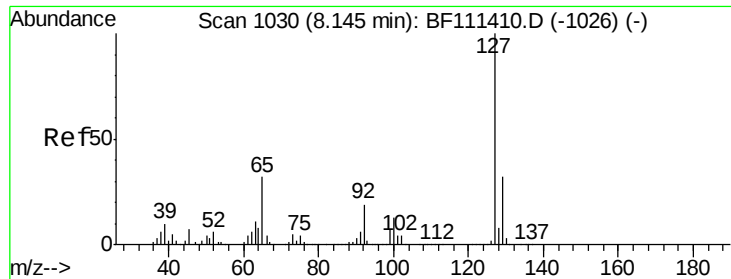
#32
Benzoic acid
Concen: 63.127 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.13 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:122 Resp: 604561
Ion Ratio Lower Upper
122 100
105 3.4 97.0 137.0#
77 28.7 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

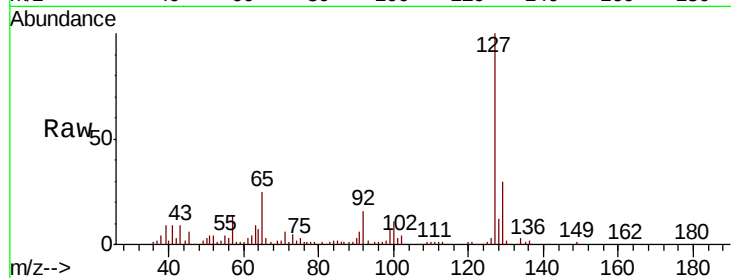




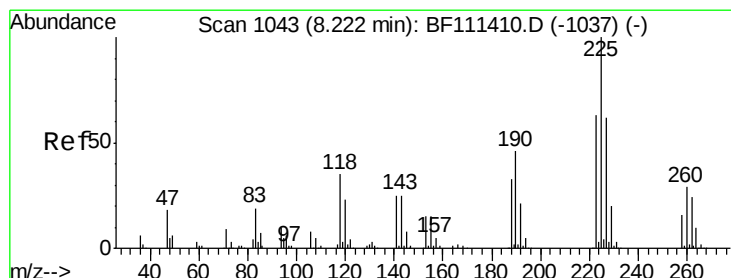
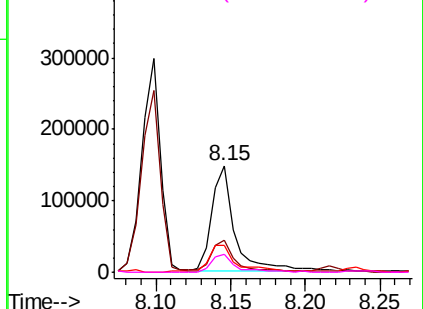
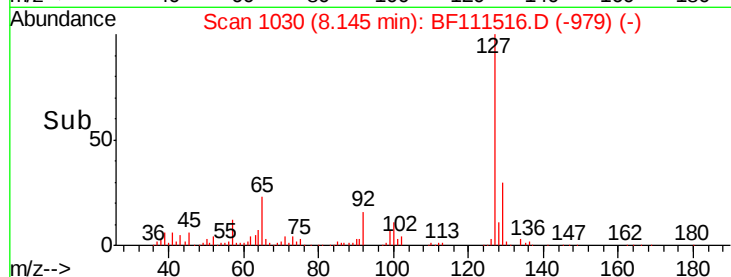
#33
4-Chloroaniline
Concen: 8.804 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tgt Ion:	127	Resp:	157557
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.6	39.8
65	24.9	25.7	38.5#
92	16.4	15.4	23.2

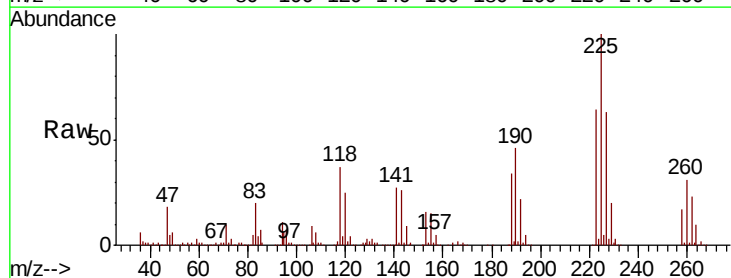


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

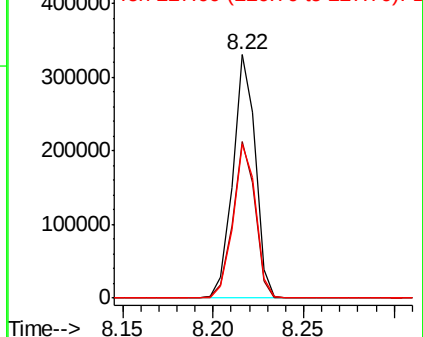
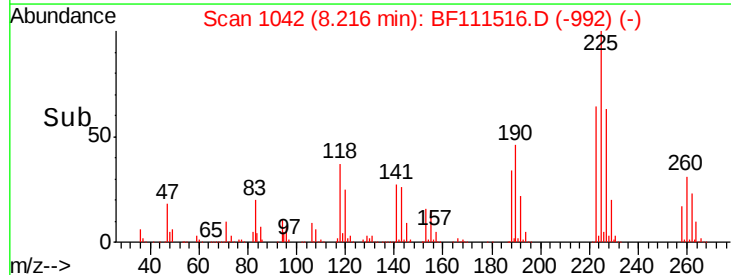


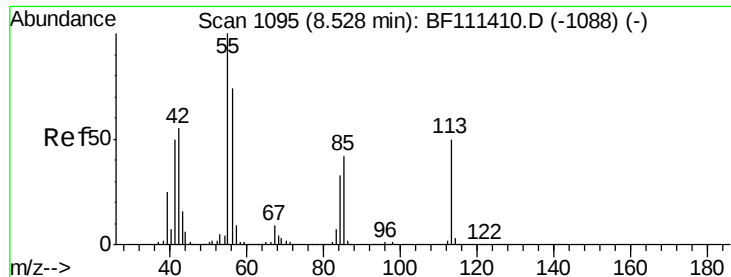
#34
Hexachlorobutadiene
Concen: 41.700 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:	225	Resp:	284529
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.7	76.1
227	63.1	52.6	78.8



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

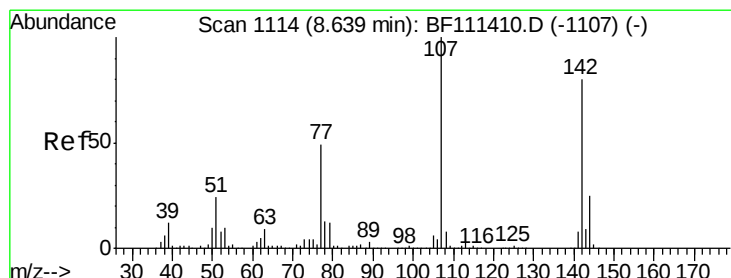
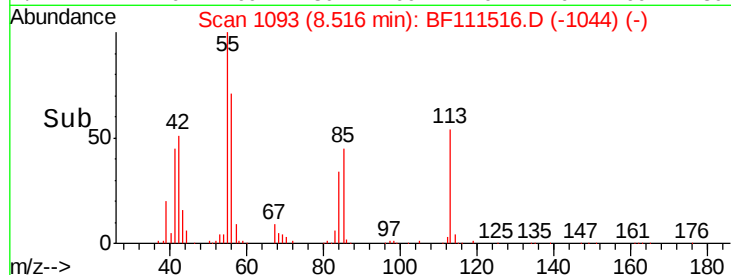
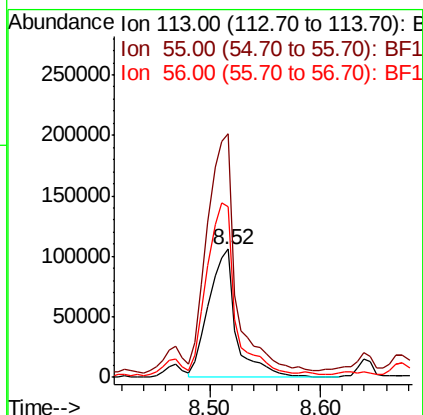
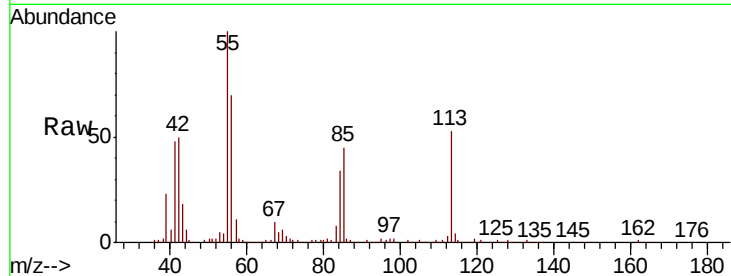




#35
 Caprolactam
 Concen: 40.795 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

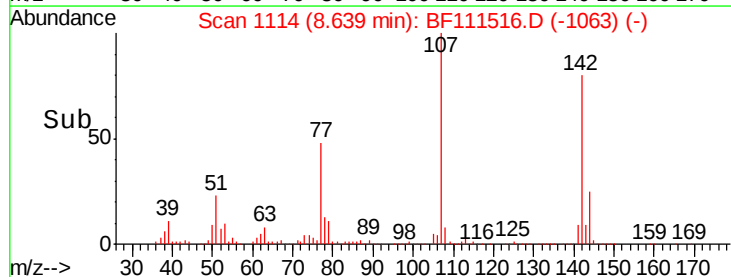
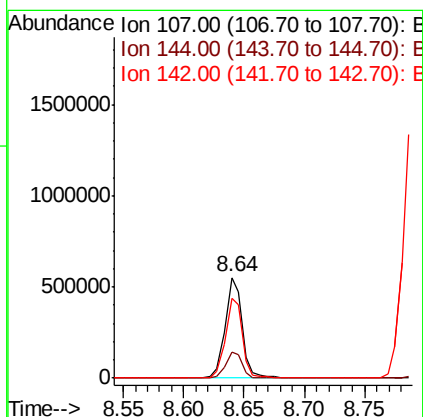
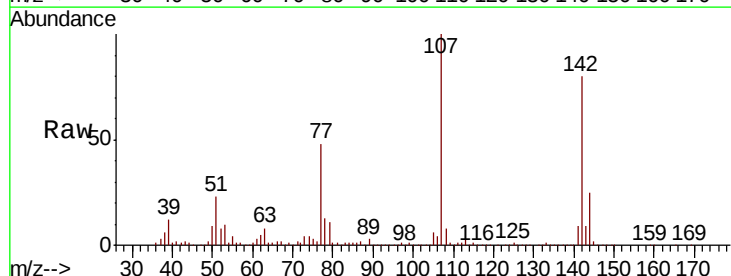
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

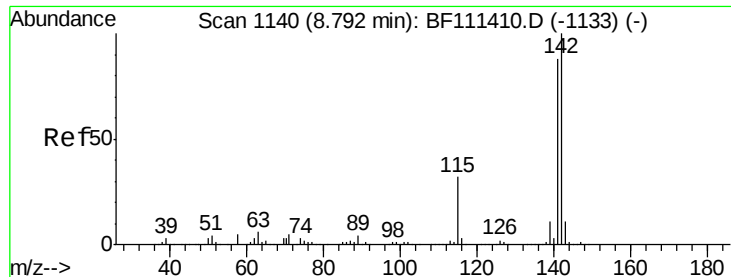
Tgt Ion:113 Resp: 179190
 Ion Ratio Lower Upper
 113 100
 55 190.3 184.1 224.1
 56 133.6 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.512 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion:107 Resp: 540577
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.8 29.6
 142 79.8 62.3 93.5

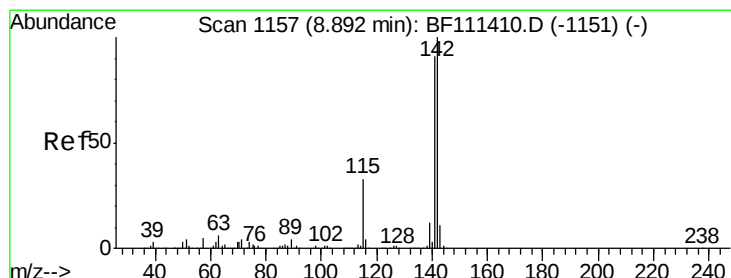
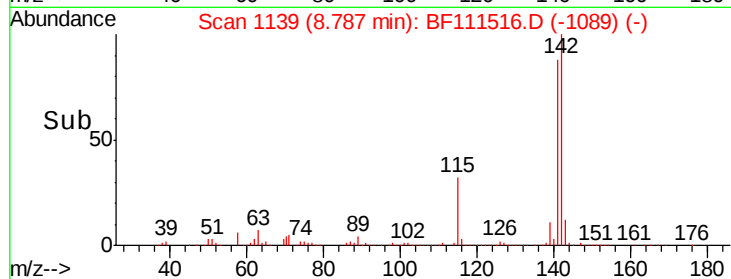
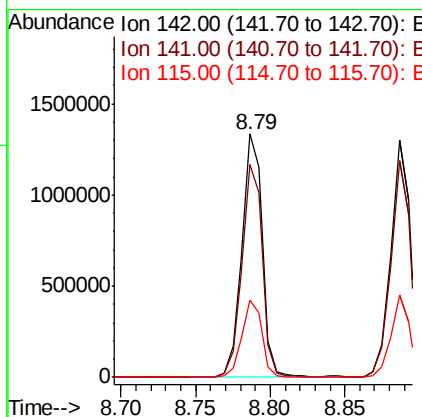
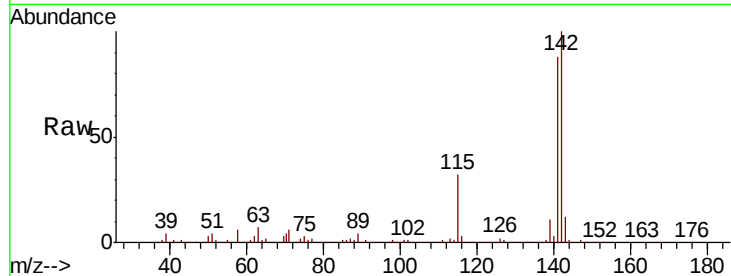




#37
2-Methylnaphthalene
Concen: 46.304 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

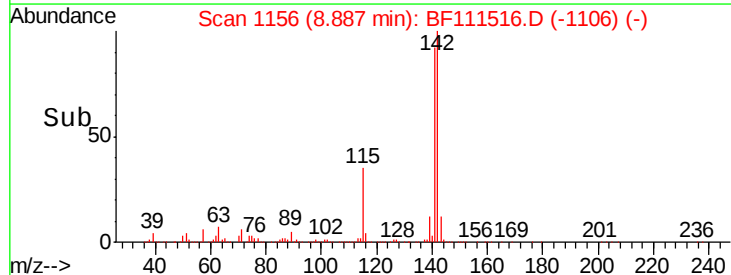
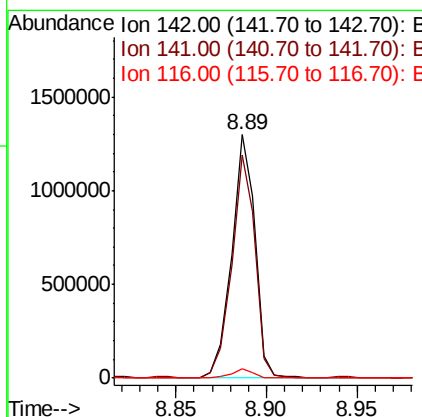
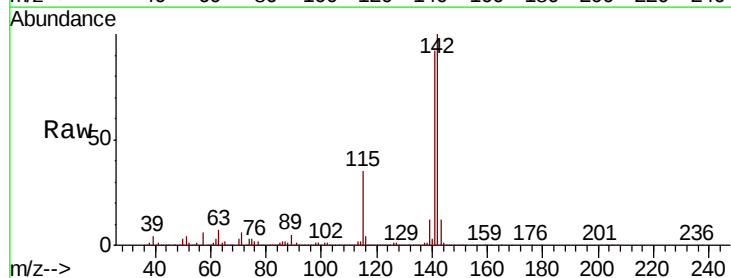
Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

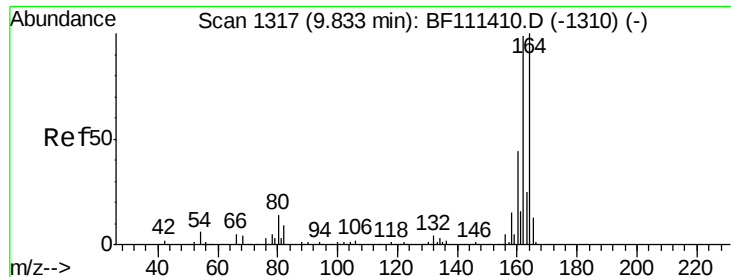
Tgt Ion:142 Resp: 1261057
Ion Ratio Lower Upper
142 100
141 87.6 70.6 105.8
115 31.9 27.0 40.6



#38
1-Methylnaphthalene
Concen: 44.004 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:142 Resp: 1157766
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

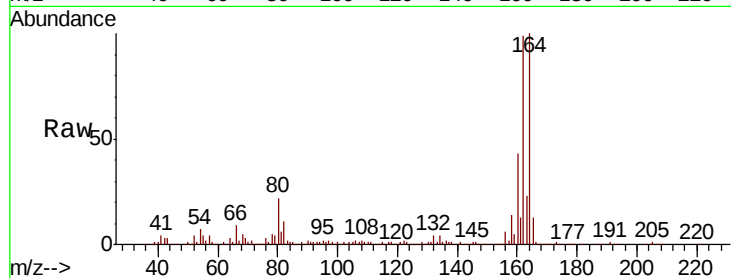
Tgt Ion:164 Resp: 354960

Ion Ratio Lower Upper

164 100

162 98.8 81.4 122.0

160 42.8 35.7 53.5

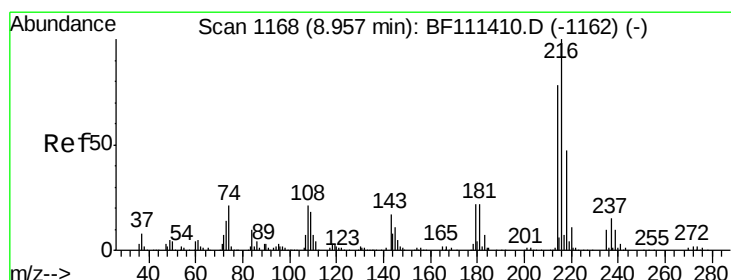
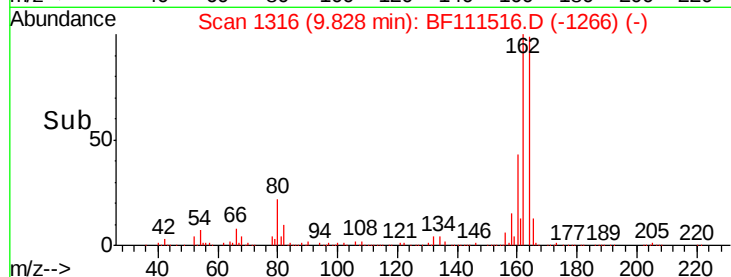
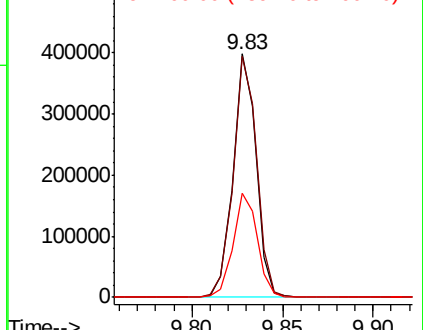


Abundance

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: 48.124 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion:216 Resp: 468459

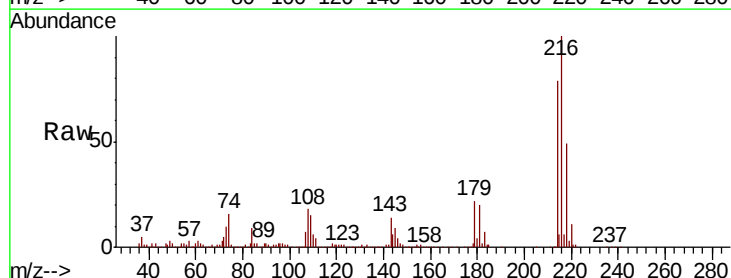
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.8

179 22.0 17.9 26.9

108 19.1 18.4 27.6



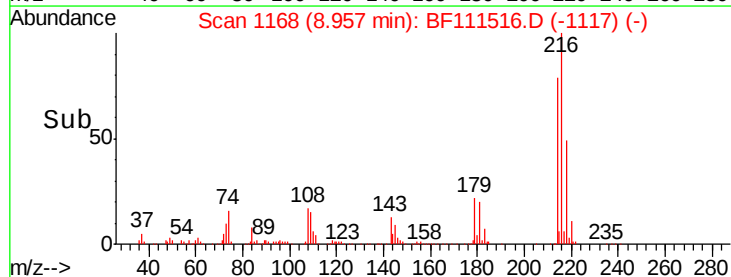
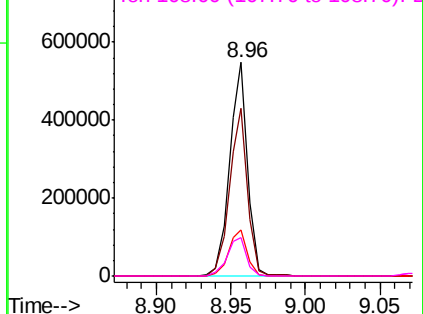
Abundance

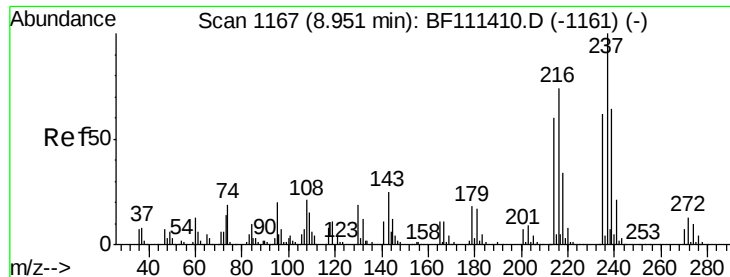
Ion 216.00 (215.70 to 216.70): E

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: 10.927 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

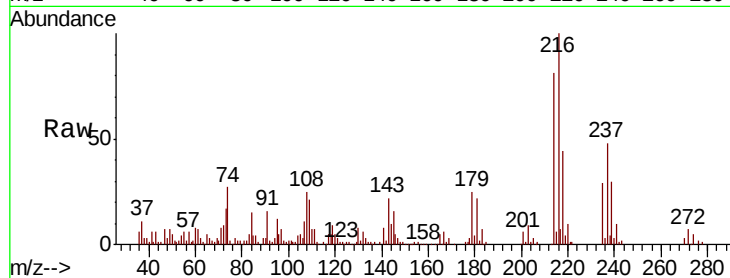
Tgt Ion:237 Resp: 54611

Ion Ratio Lower Upper

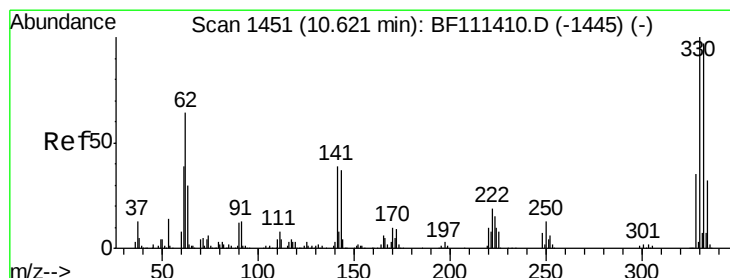
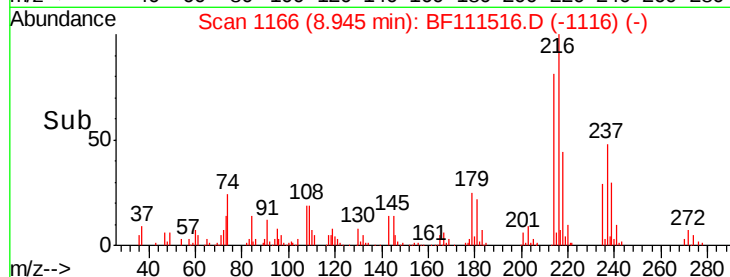
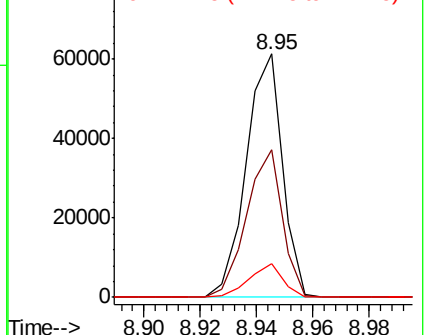
237 100

235 60.8 43.1 83.1

272 14.0 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: 103.680 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

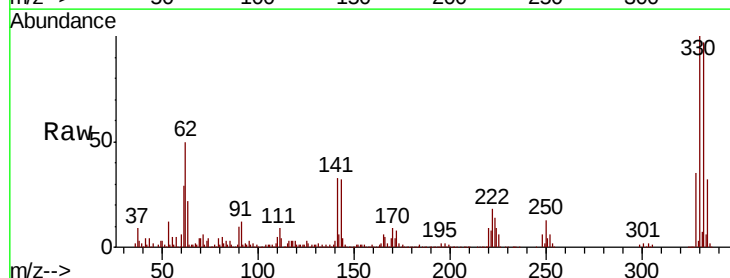
Tgt Ion:330 Resp: 329669

Ion Ratio Lower Upper

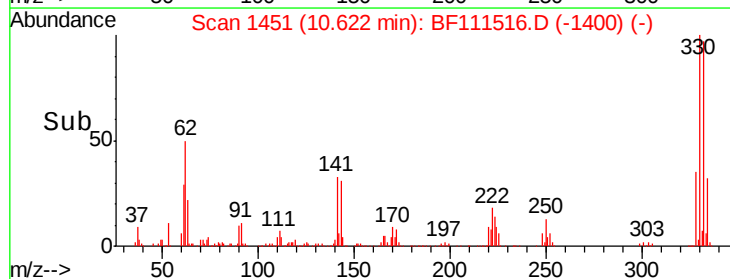
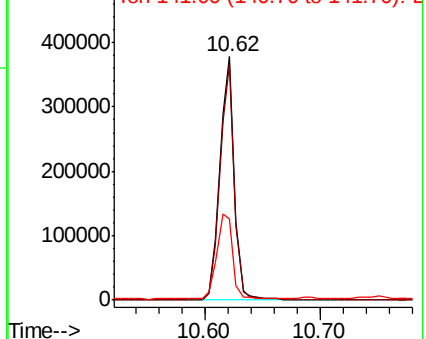
330 100

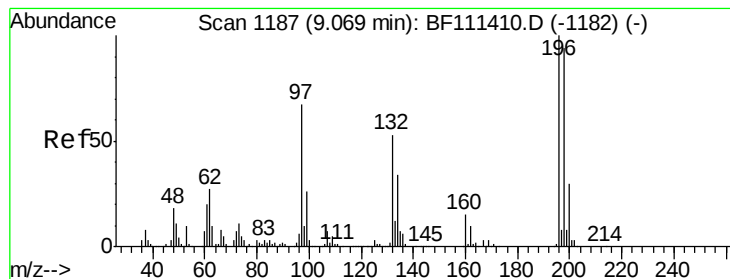
332 95.9 76.0 114.0

141 38.3 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: 42.580 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

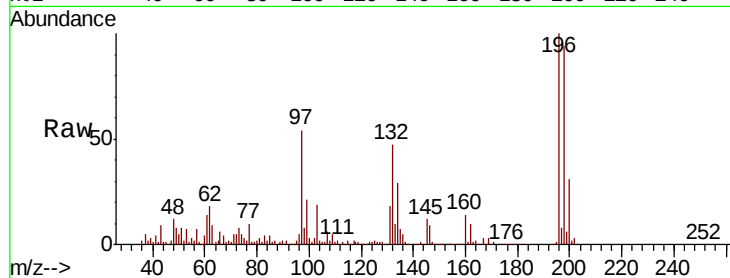
Tgt Ion:196 Resp: 293364

Ion Ratio Lower Upper

196 100

198 94.3 76.3 114.5

200 30.8 24.9 37.3

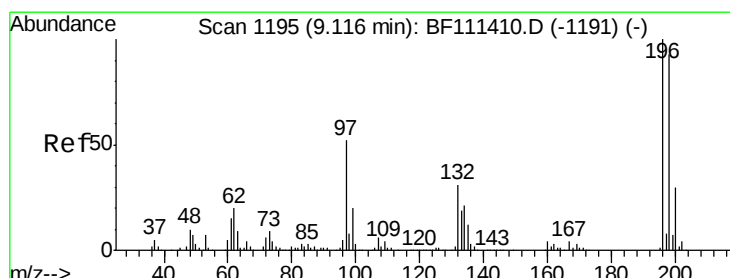
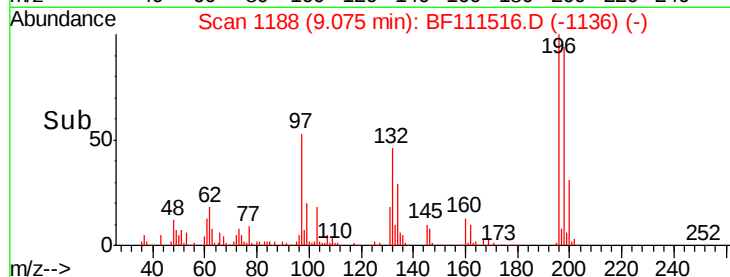
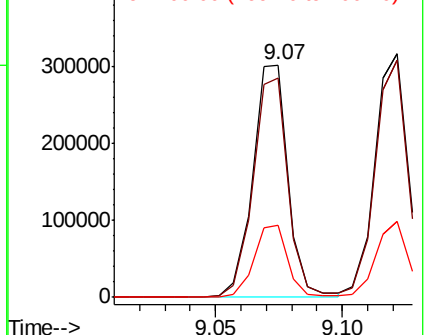


Abundance

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: 41.268 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion:196 Resp: 302552

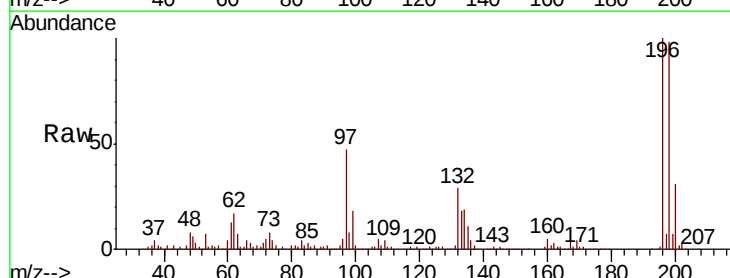
Ion Ratio Lower Upper

196 100

198 97.5 72.9 109.3

97 47.2 45.3 67.9

132 29.2 25.5 38.3



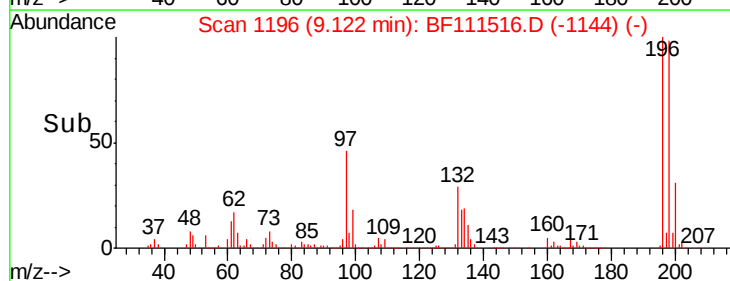
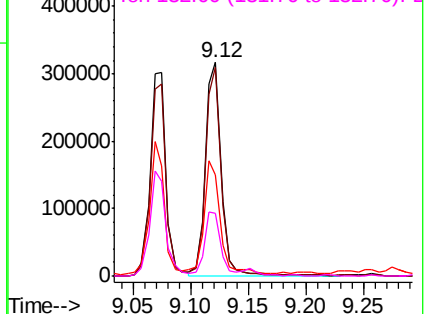
Abundance

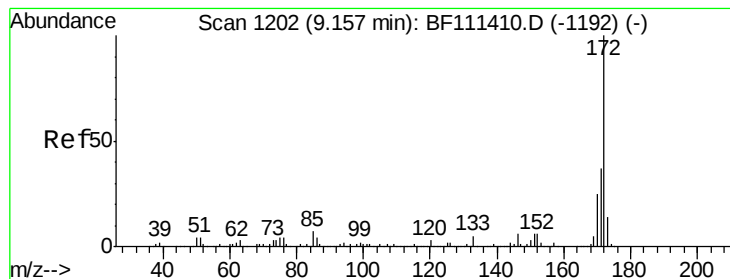
Ion 196.00 (195.70 to 196.70): E

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

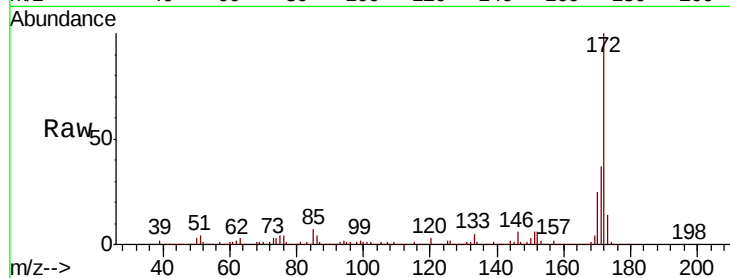




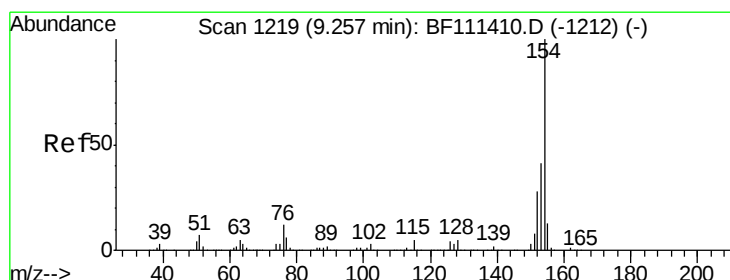
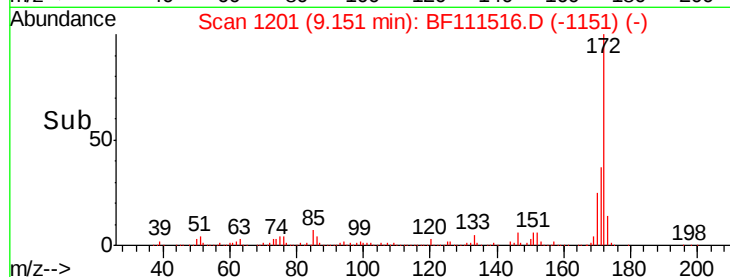
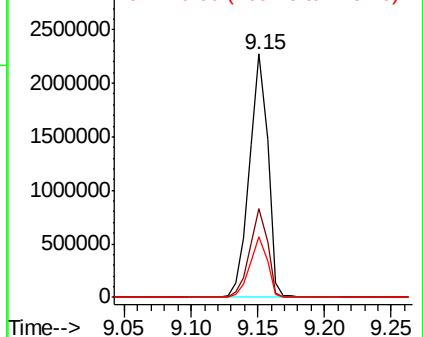
#45
2-Fluorobiphenyl
Concen: 93.363 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tgt Ion:172 Resp: 2145502
Ion Ratio Lower Upper
172 100
171 36.7 33.0 49.4
170 24.7 22.3 33.5

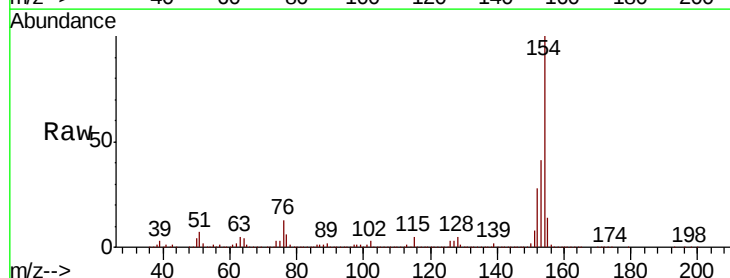


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

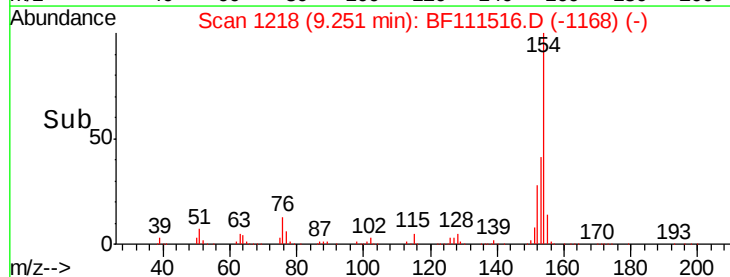
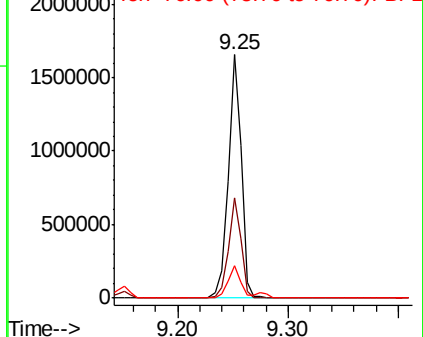


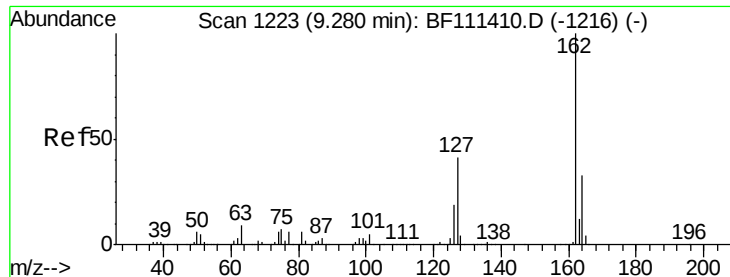
#46
1,1'-Biphenyl
Concen: 45.478 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:154 Resp: 1367828
Ion Ratio Lower Upper
154 100
153 40.9 23.7 63.7
76 13.2 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

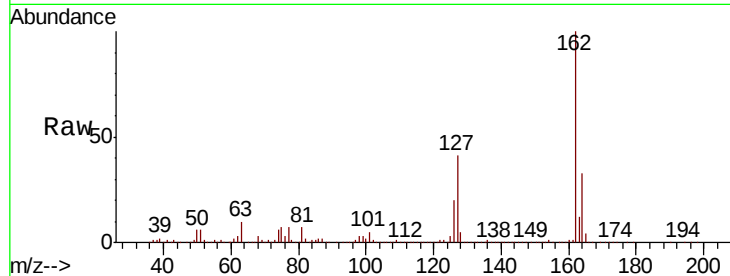




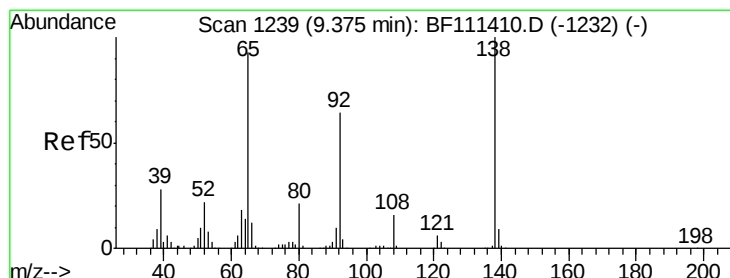
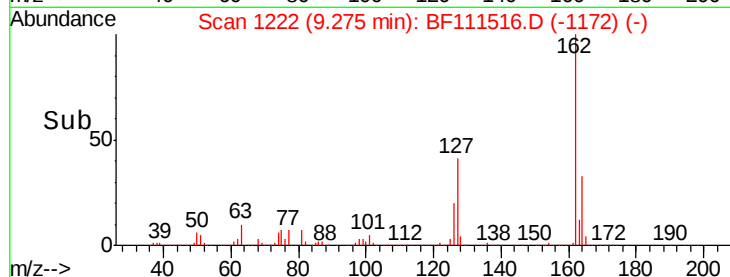
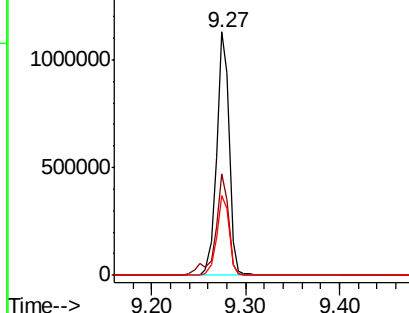
#47
 2-Chloronaphthalene
 Concen: 46.682 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tgt Ion: 162 Resp: 1067220
 Ion Ratio Lower Upper
 162 100
 127 41.5 35.0 52.4
 164 32.7 28.4 42.6

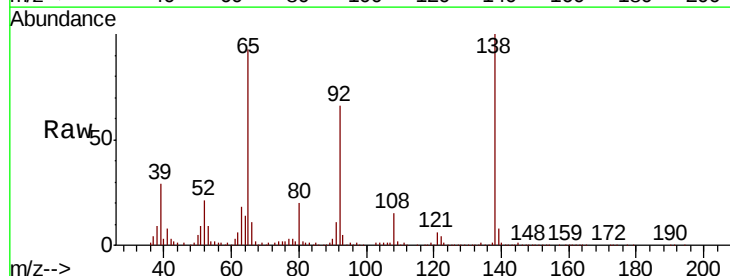


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

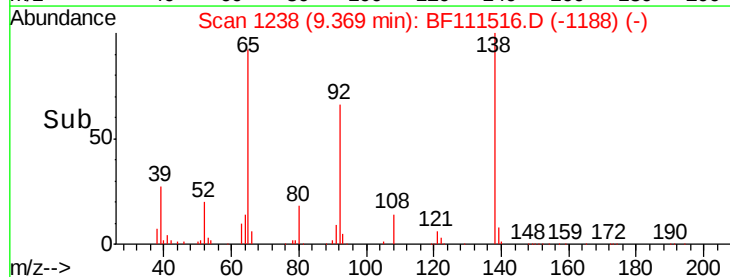
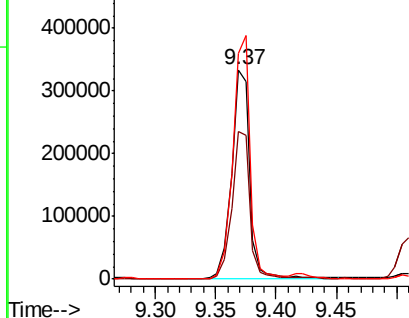


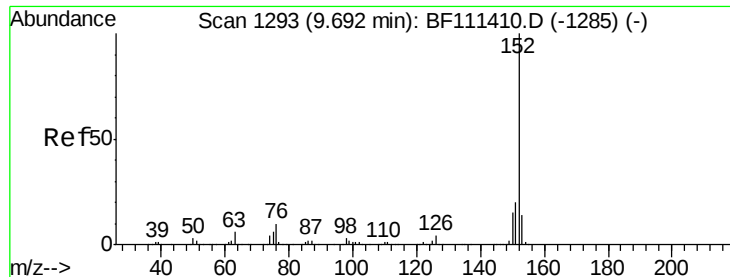
#48
 2-Nitroaniline
 Concen: 46.708 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion: 65 Resp: 346708
 Ion Ratio Lower Upper
 65 100
 92 70.7 53.5 80.3
 138 107.4 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: 47.206 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

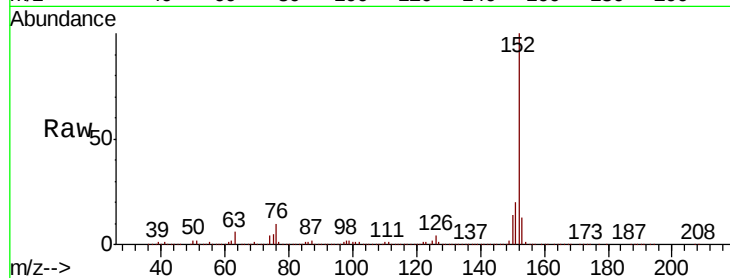
Tgt Ion:152 Resp: 1601900

Ion Ratio Lower Upper

152 100

151 20.4 18.0 27.0

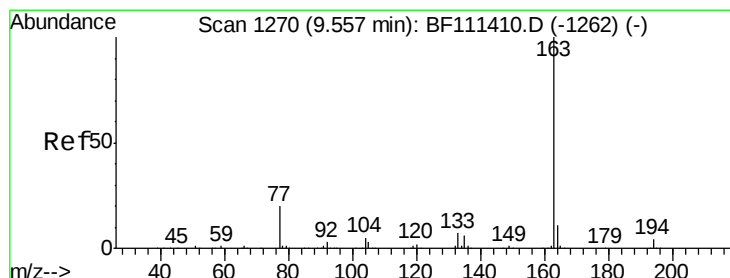
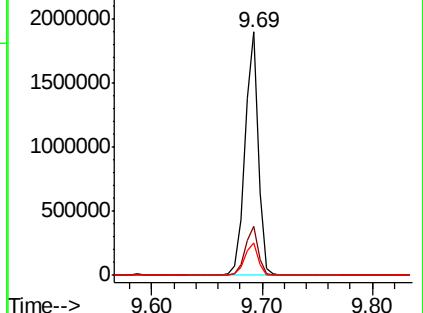
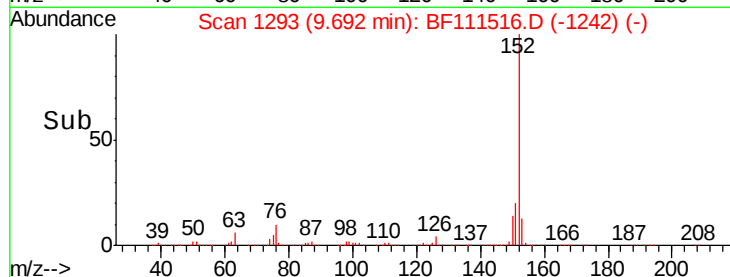
153 13.2 12.3 18.5



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: 55.849 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

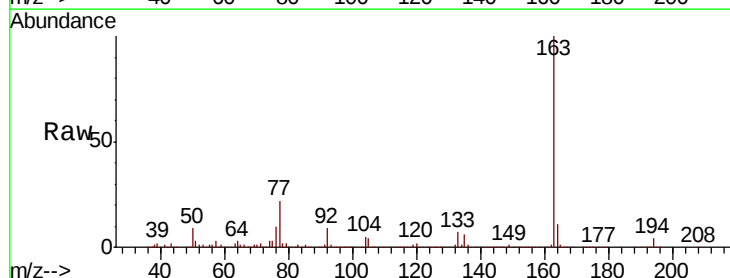
Tgt Ion:163 Resp: 1427692

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

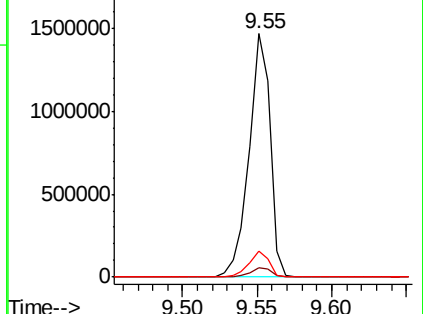
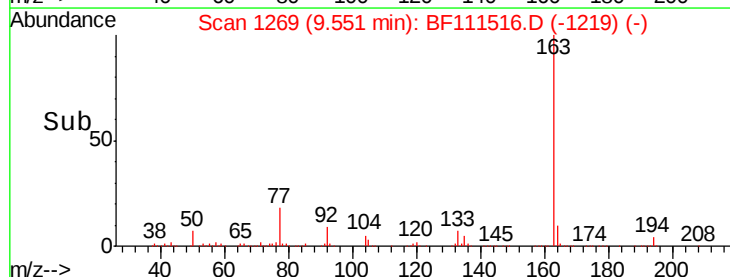
164 10.5 8.9 13.3

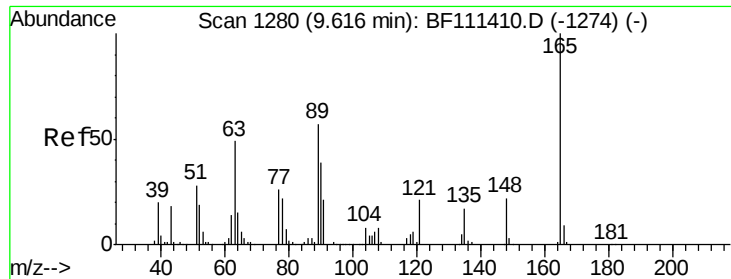


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

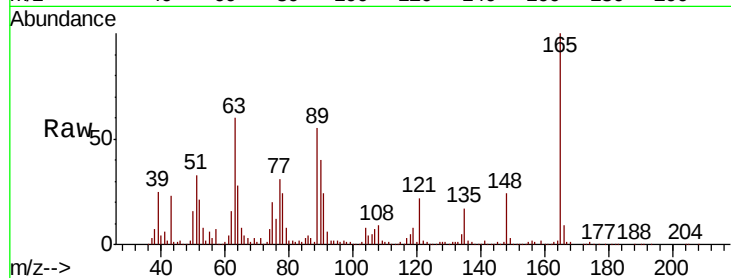




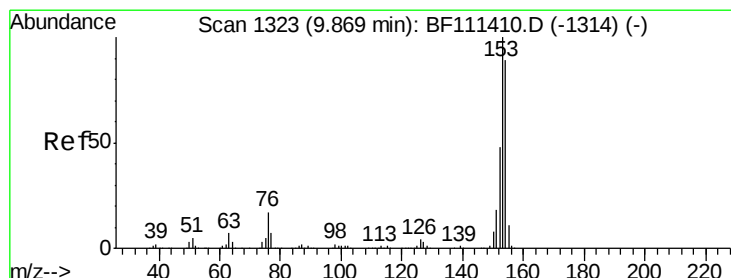
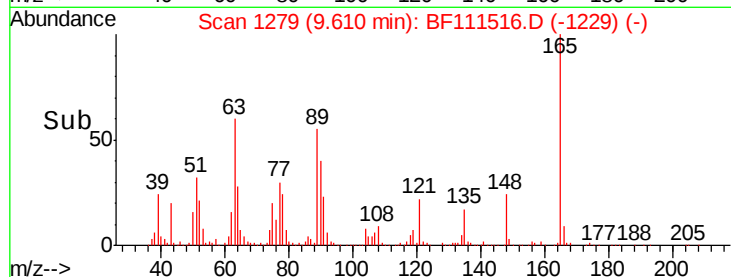
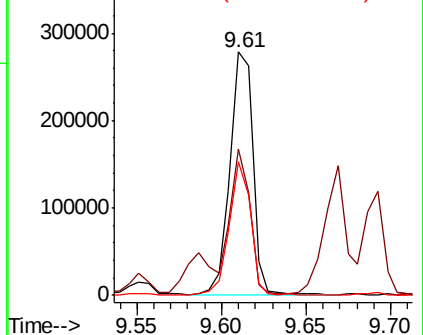
#51
2,6-Dinitrotoluene
Concen: 45.081 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.0	40.5	60.7
89	54.8	40.0	60.0

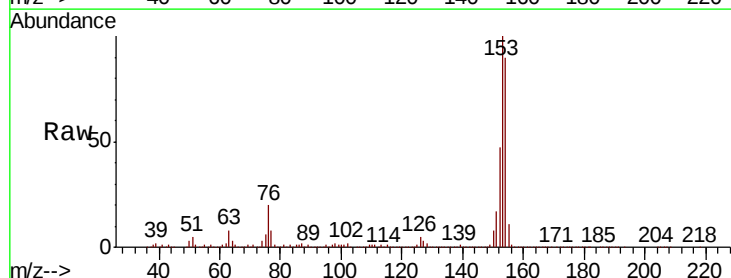


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

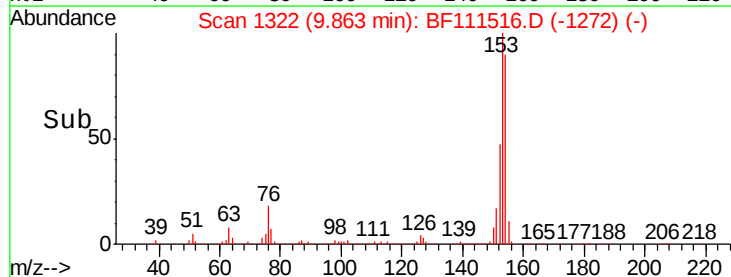
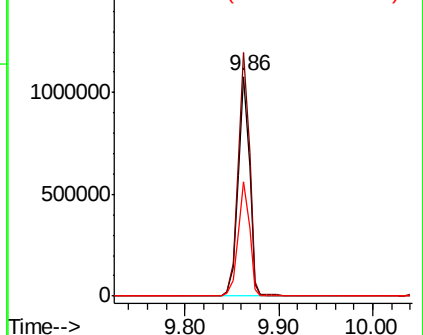


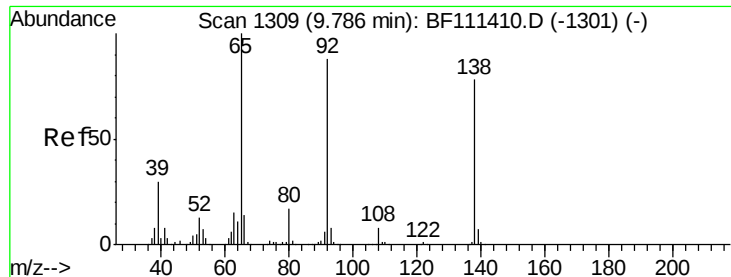
#52
Acenaphthene
Concen: 42.049 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	87.8	131.8
152	52.2	43.4	65.2



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

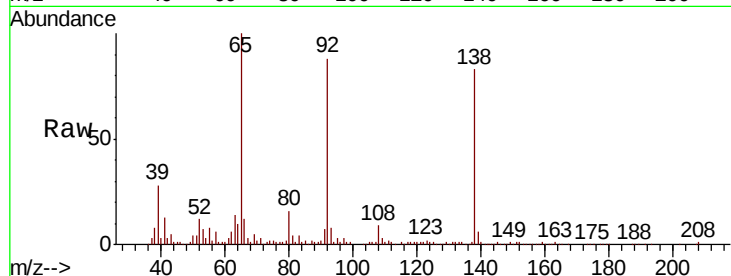




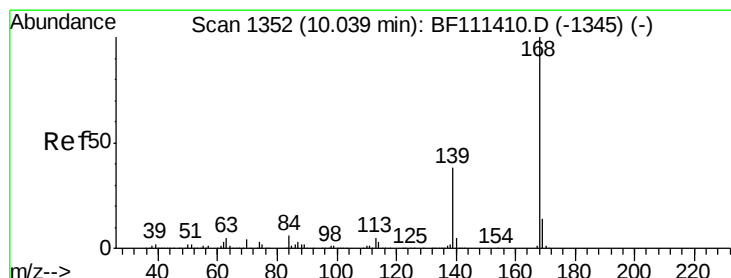
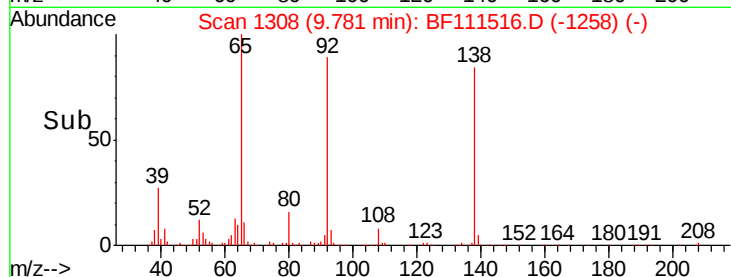
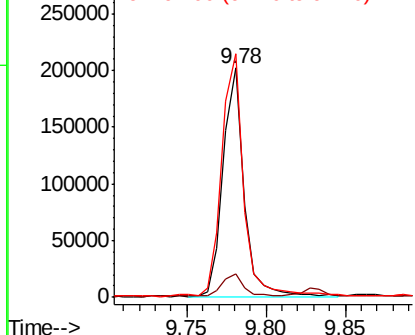
#53
3-Nitroaniline
Concen: 26.481 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tgt Ion:138 Resp: 185077
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 106.2 93.4 140.2

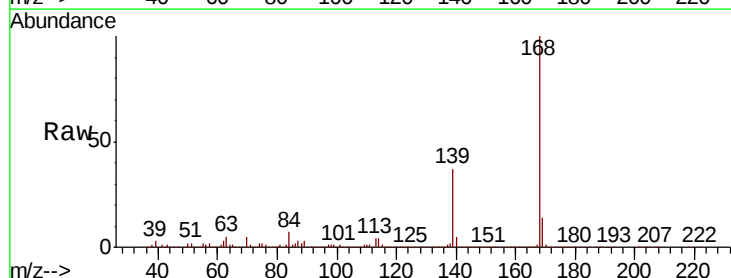


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

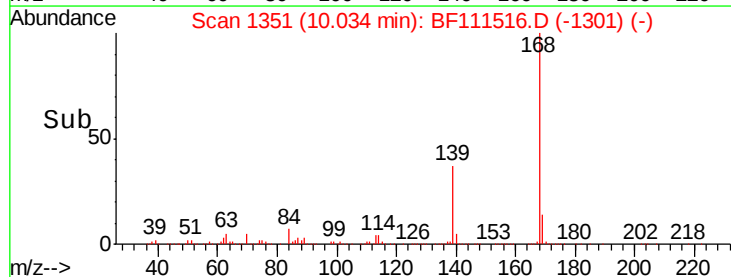
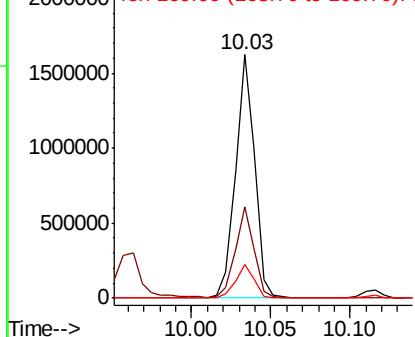


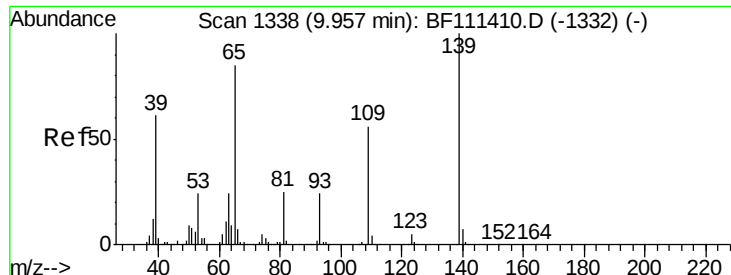
#55
Dibenzofuran
Concen: 43.694 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:168 Resp: 1360331
Ion Ratio Lower Upper
168 100
139 37.5 32.6 49.0
169 14.0 11.8 17.6



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

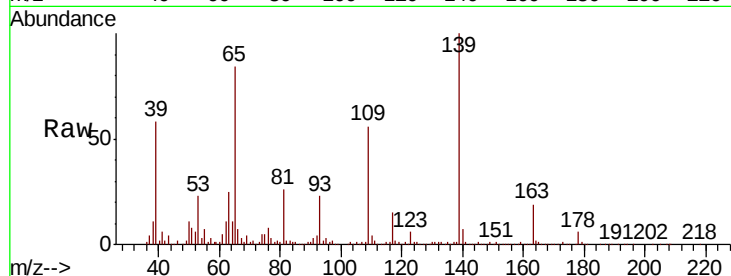




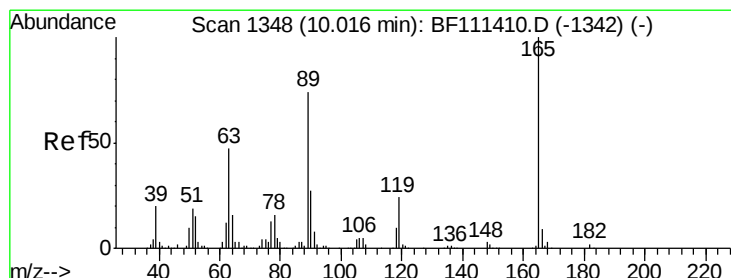
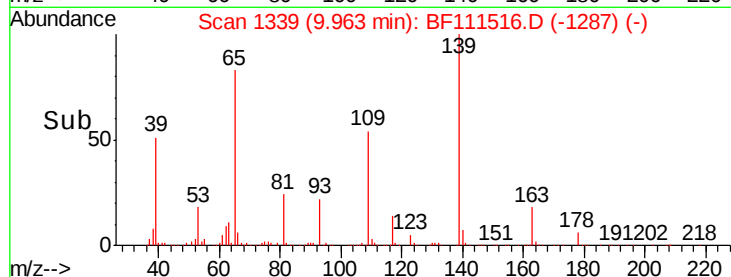
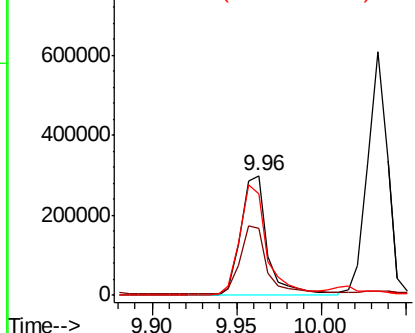
#56
4-Nitrophenol
Concen: 67.387 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tgt Ion:139 Resp: 325939
Ion Ratio Lower Upper
139 100
109 55.6 41.8 81.8
65 84.2 79.6 119.6

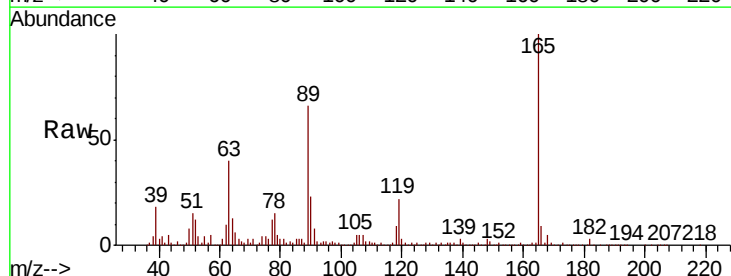


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

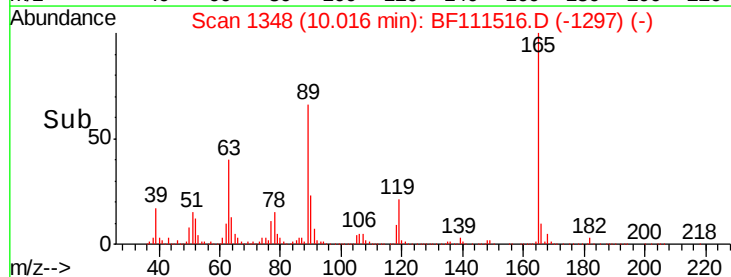
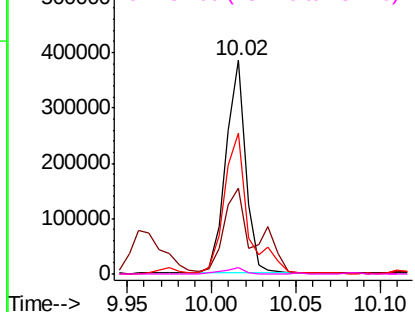


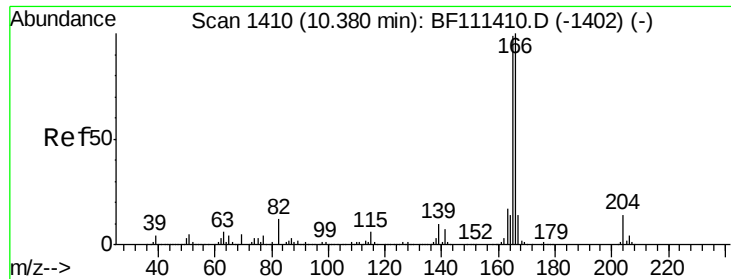
#57
2,4-Dinitrotoluene
Concen: 41.645 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:165 Resp: 314517
Ion Ratio Lower Upper
165 100
63 40.4 34.6 52.0
89 65.8 56.2 84.4
182 2.7 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: 43.482 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

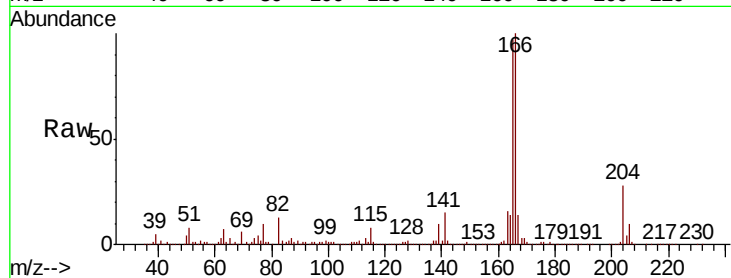
Tgt Ion:166 Resp: 981901

Ion Ratio Lower Upper

166 100

165 97.0 78.4 117.6

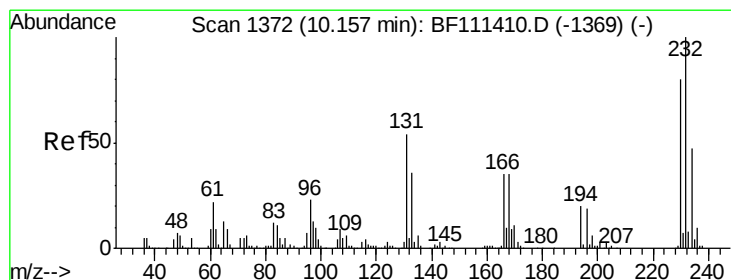
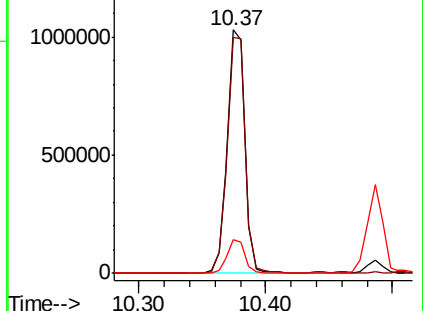
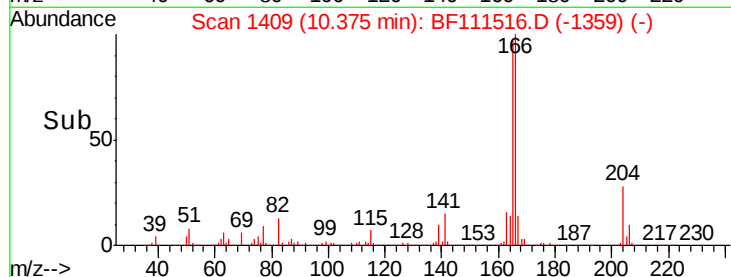
167 14.1 11.2 16.8



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: 35.101 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion:232 Resp: 201065

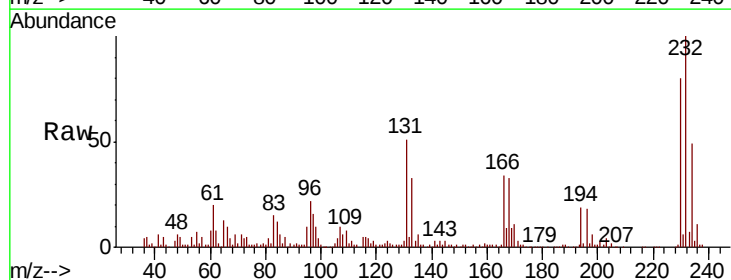
Ion Ratio Lower Upper

232 100

131 47.3 40.9 61.3

130 2.4 2.0 3.0

166 32.3 26.8 40.2

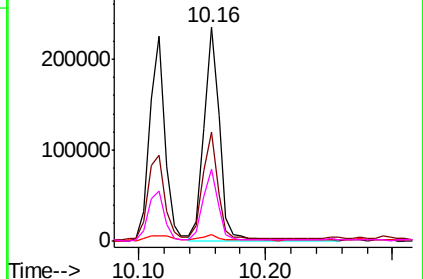
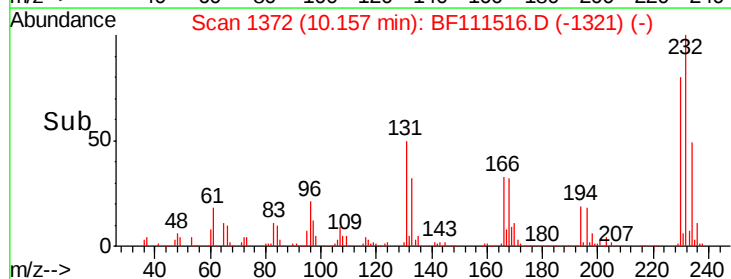


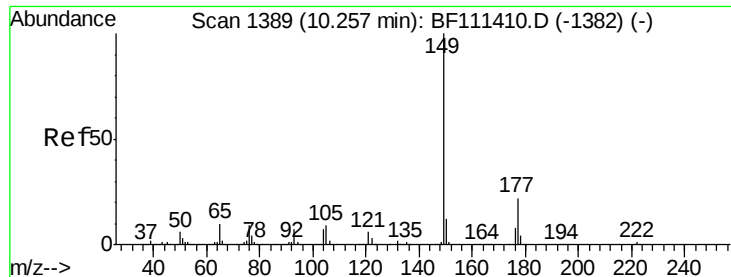
Abundance Ion 232.00 (231.70 to 232.70): E

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

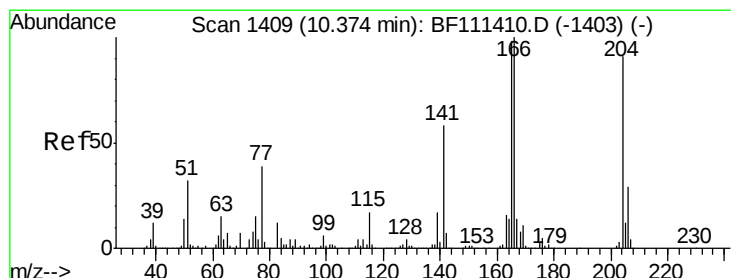
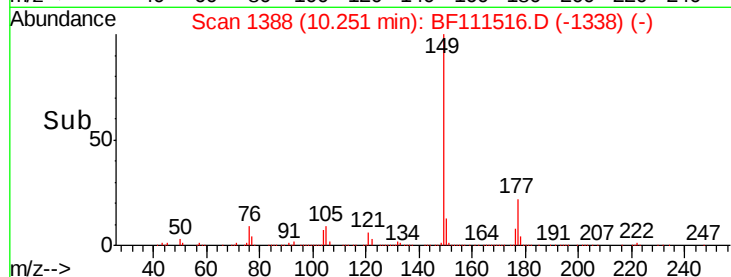
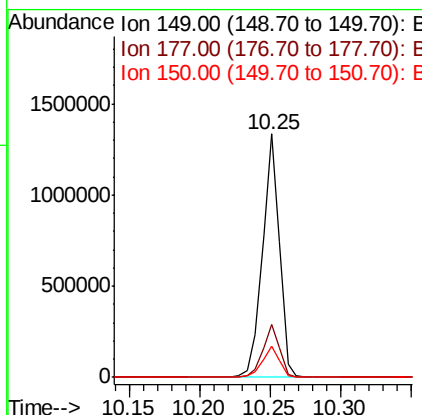
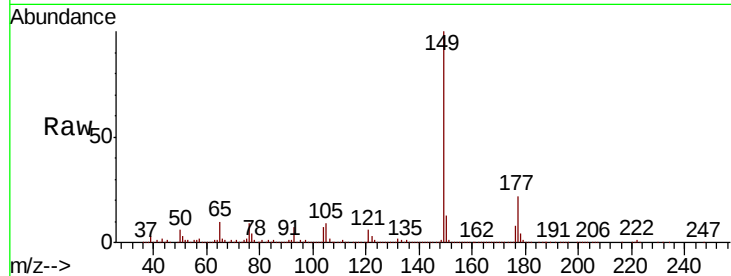




#60
Diethylphthalate
Concen: 43.964 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

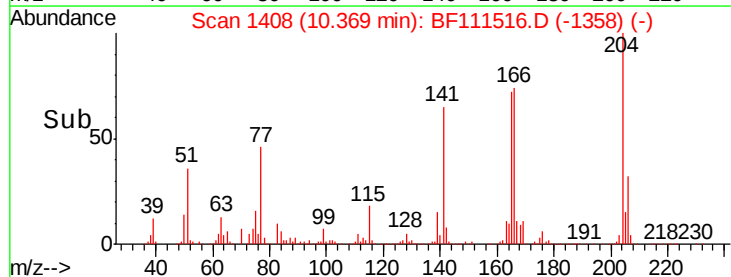
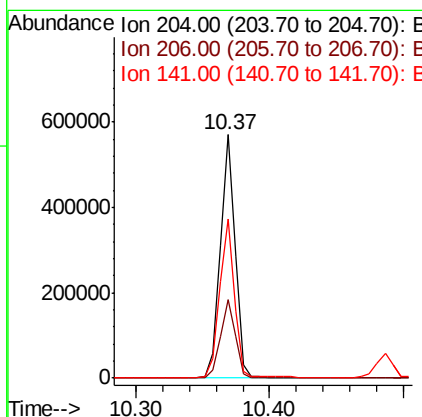
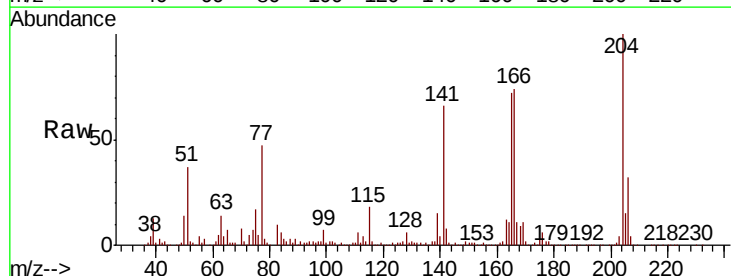
Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

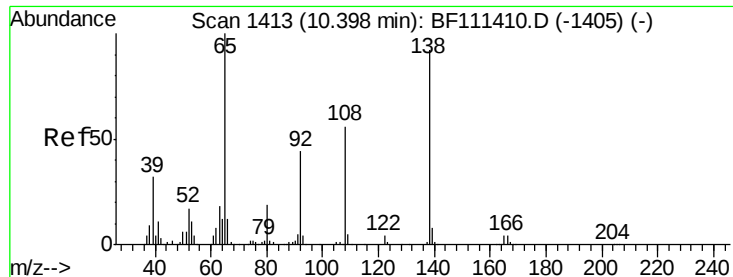
Tgt Ion:149 Resp: 1138423
Ion Ratio Lower Upper
149 100
177 21.9 18.3 27.5
150 12.7 10.6 15.8



#61
4-Chlorophenyl-phenylether
Concen: 40.763 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:204 Resp: 450357
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 65.6 52.6 78.8





#62

4-Nitroaniline

Concen: 37.188 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

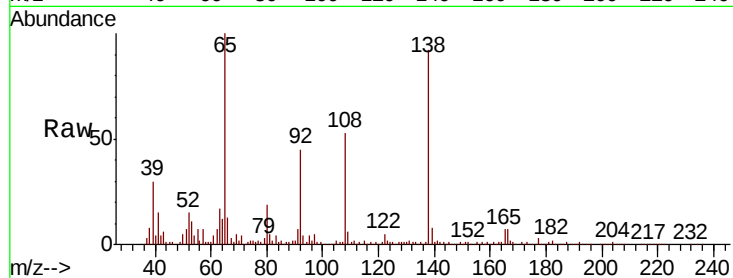
Tgt Ion: 138 Resp: 257295

Ion Ratio Lower Upper

138 100

92 48.9 29.9 69.9

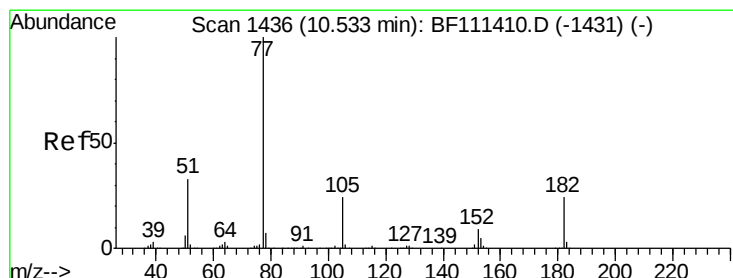
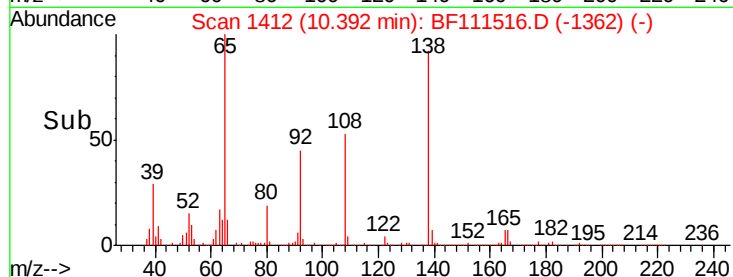
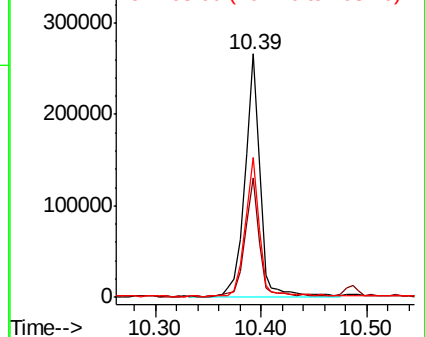
108 57.7 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 40.665 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Tgt Ion: 77 Resp: 1038104

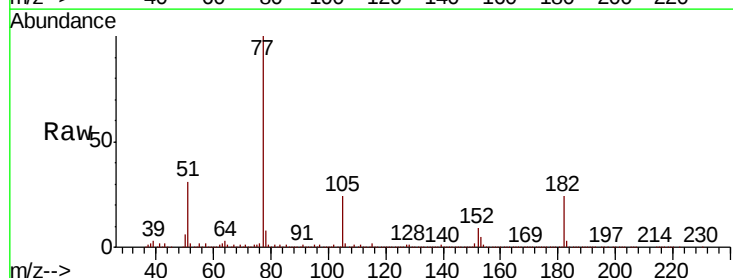
Ion Ratio Lower Upper

77 100

182 24.0 4.9 44.9

105 24.1 6.0 46.0

51 31.2 14.7 54.7

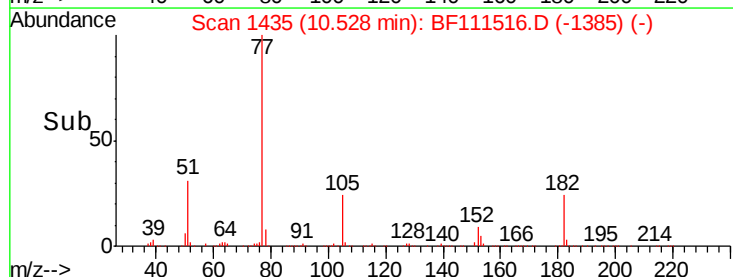
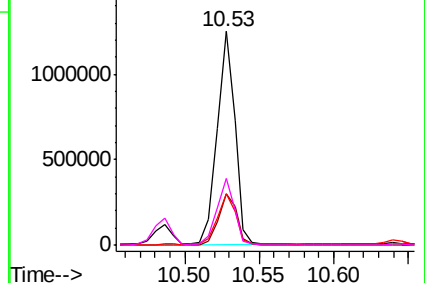


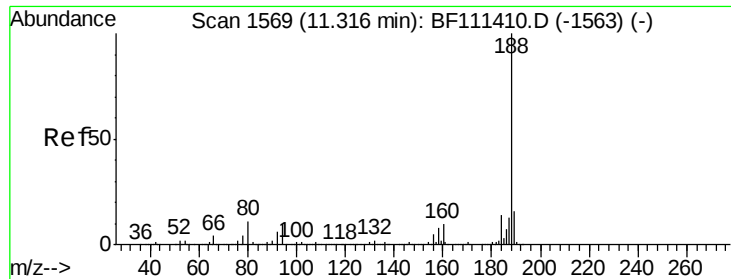
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

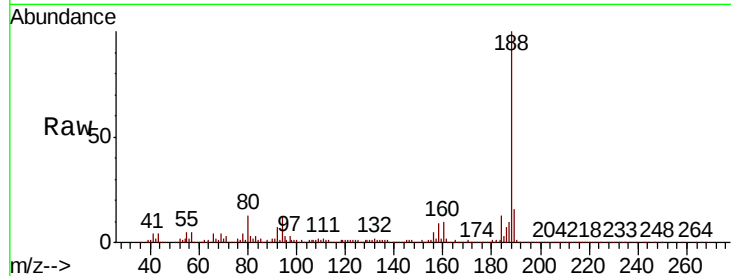
Tgt Ion:188 Resp: 500945

Ion Ratio Lower Upper

188 100

94 11.9 9.6 14.4

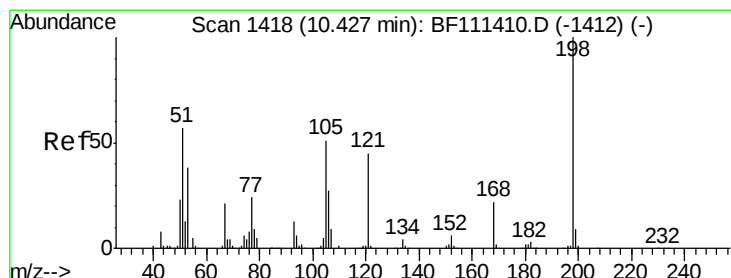
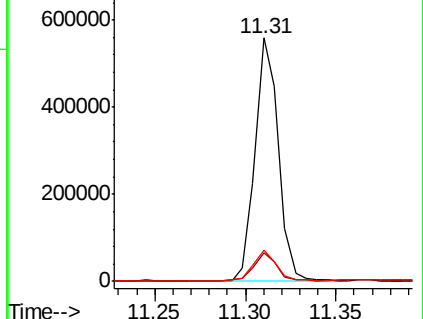
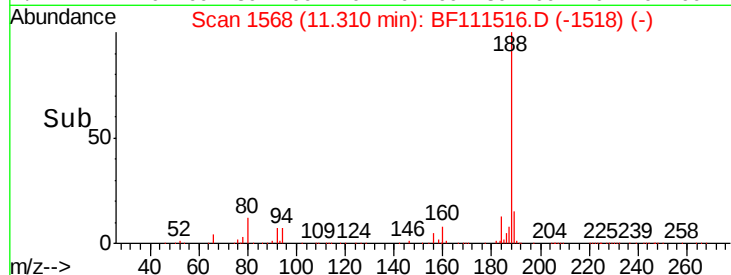
80 12.9 9.8 14.6



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: 2.845 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

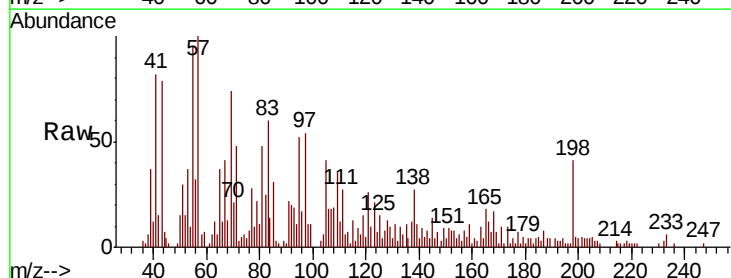
Tgt Ion:198 Resp: 8046

Ion Ratio Lower Upper

198 100

51 71.7 48.0 88.0

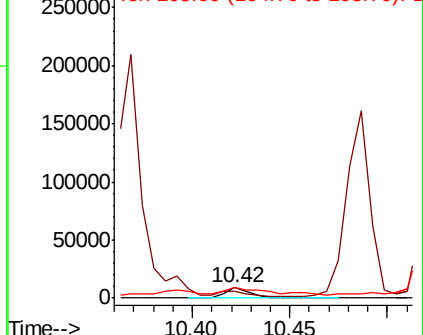
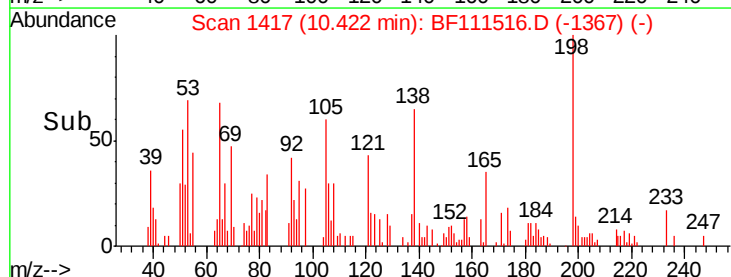
105 98.3 34.0 74.0#

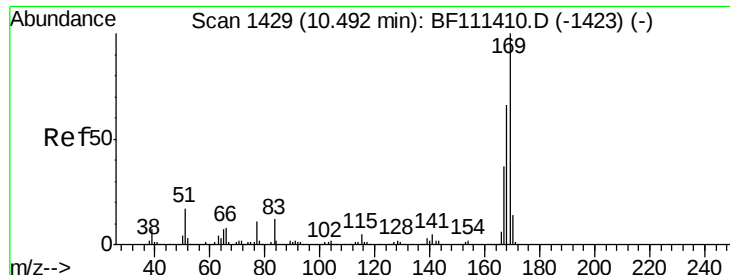


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

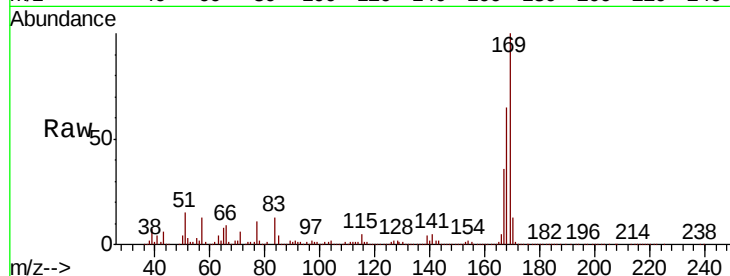




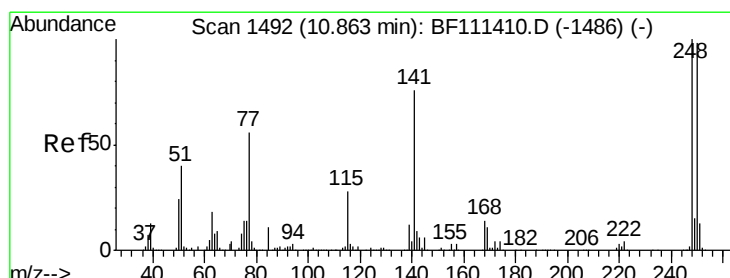
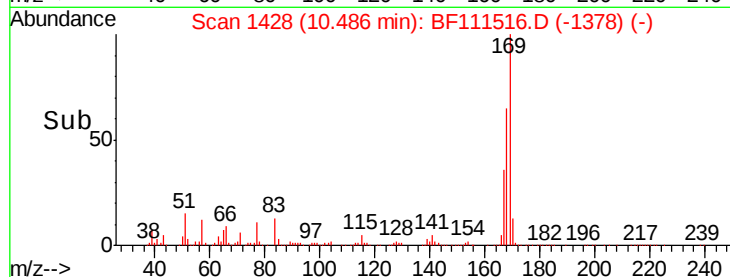
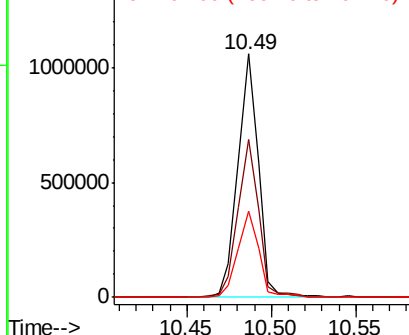
#66
 n-Nitrosodiphenylamine
 Concen: 51.534 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tgt Ion:169 Resp: 890246
 Ion Ratio Lower Upper
 169 100
 168 64.7 54.4 81.6
 167 35.6 30.5 45.7

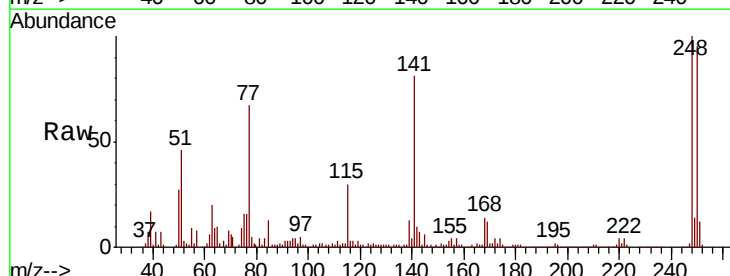


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

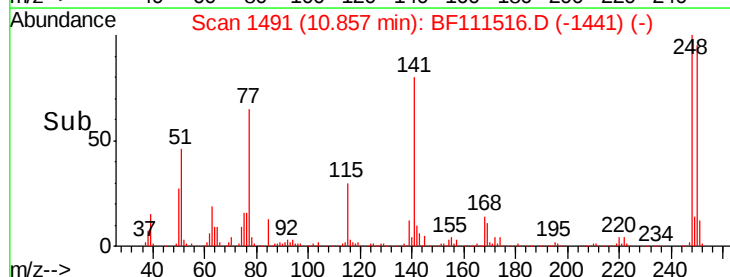
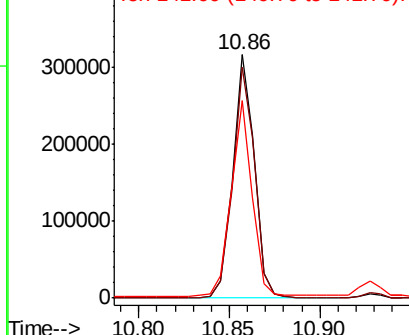


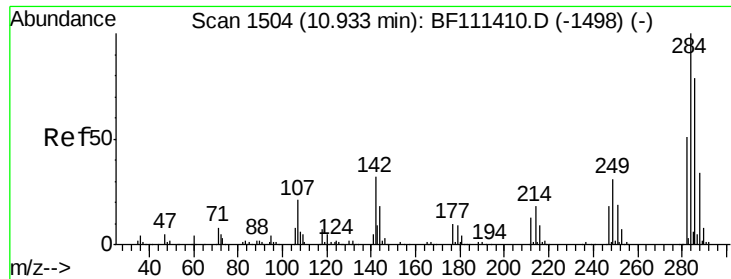
#67
 4-Bromophenyl-phenylether
 Concen: 48.711 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion:248 Resp: 262997
 Ion Ratio Lower Upper
 248 100
 250 94.6 77.0 115.4
 141 81.1 63.0 94.6



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

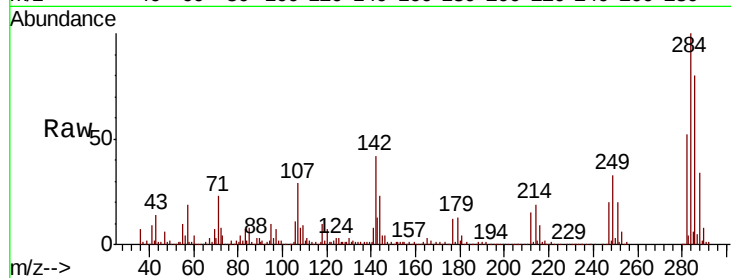




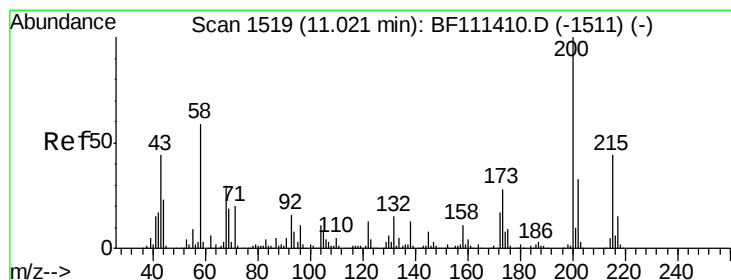
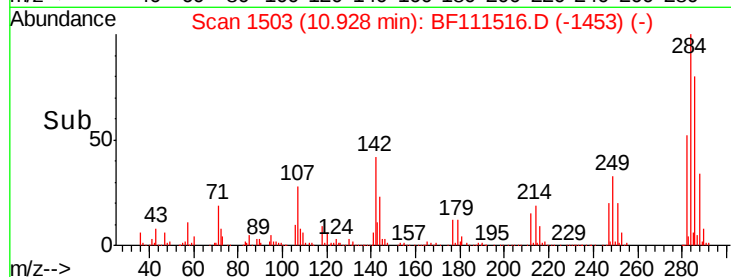
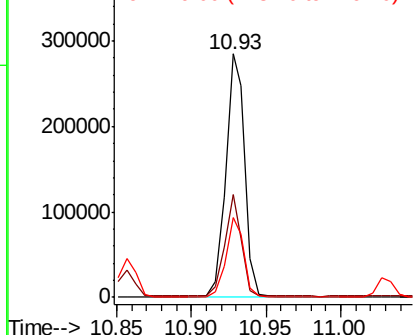
#68
Hexachlorobenzene
Concen: 45.853 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

Tgt Ion:284 Resp: 254660
Ion Ratio Lower Upper
284 100
142 42.1 27.4 41.2#
249 32.8 24.4 36.6

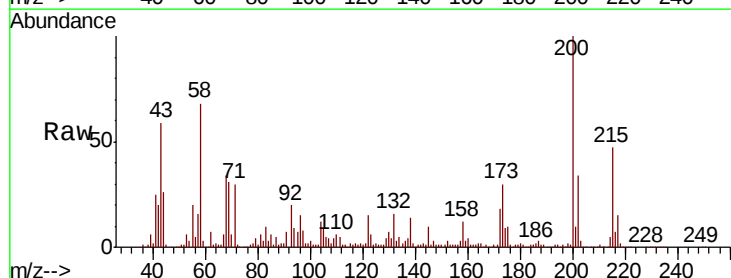


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

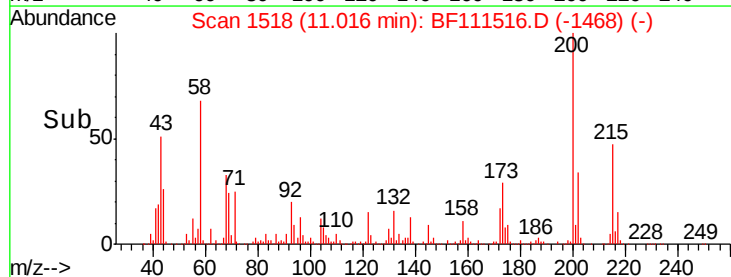
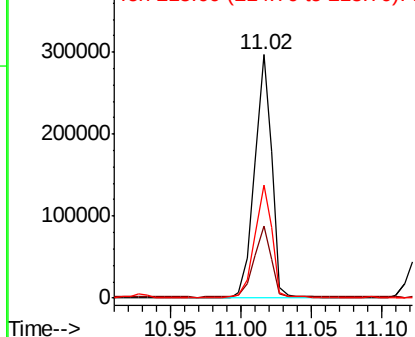


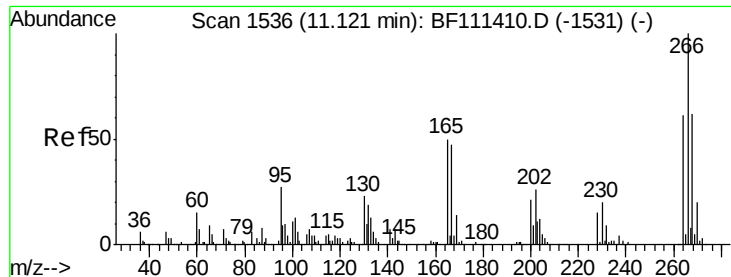
#69
Atrazine
Concen: 50.881 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:200 Resp: 254019
Ion Ratio Lower Upper
200 100
173 29.8 10.1 50.1
215 46.6 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

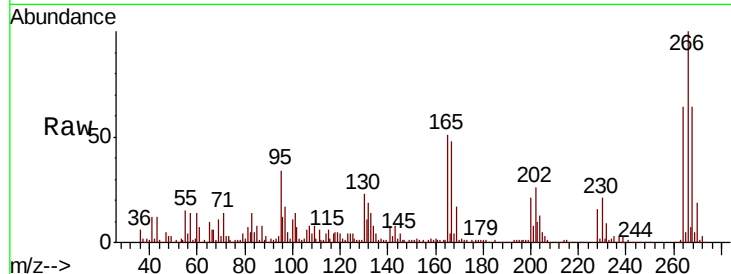




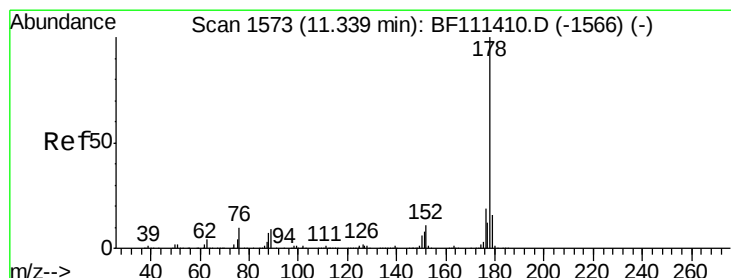
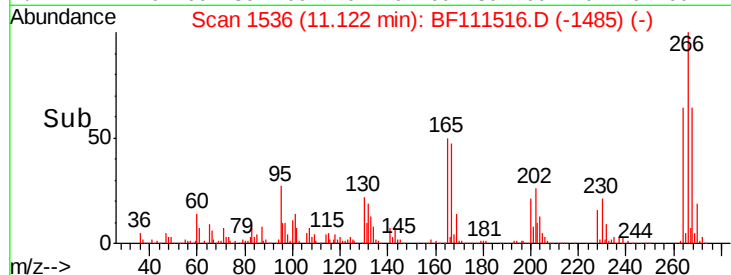
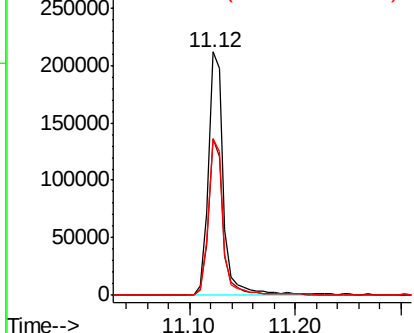
#70
 Pentachlorophenol
 Concen: 63.055 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tgt Ion: 266 Resp: 214793
 Ion Ratio Lower Upper
 266 100
 268 64.1 47.9 71.9
 264 64.1 49.1 73.7

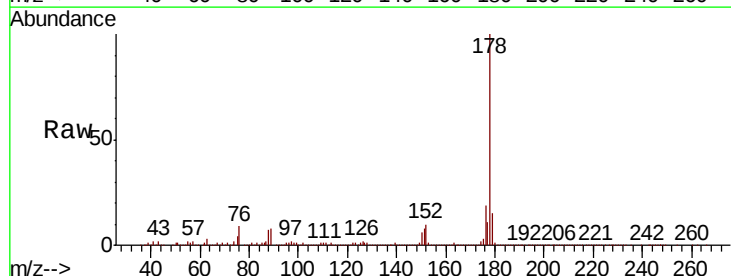


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

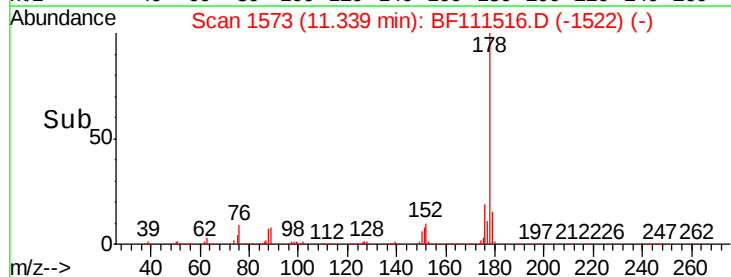
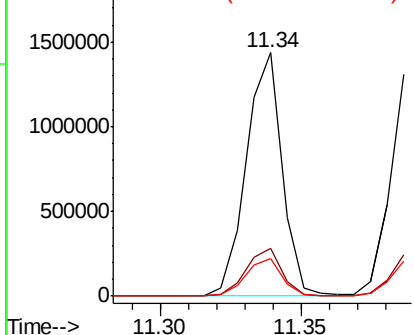


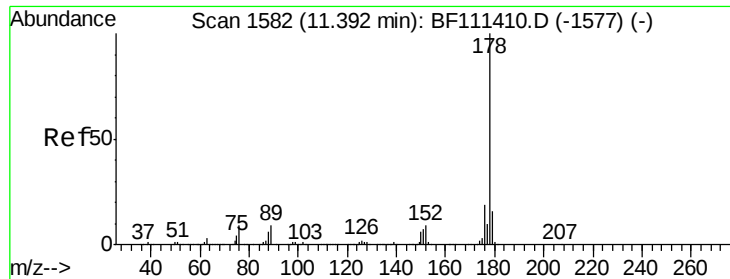
#71
 Phenanthrene
 Concen: 49.040 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion: 178 Resp: 1265859
 Ion Ratio Lower Upper
 178 100
 176 19.4 18.1 27.1
 179 15.2 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: 49.298 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

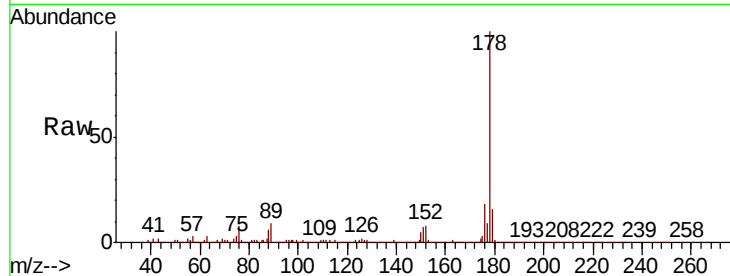
Tgt Ion:178 Resp: 1301386

Ion Ratio Lower Upper

178 100

176 18.3 17.2 25.8

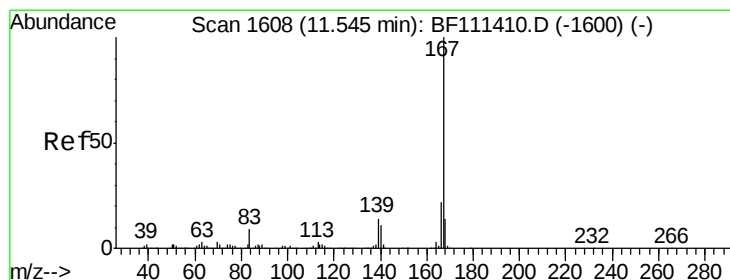
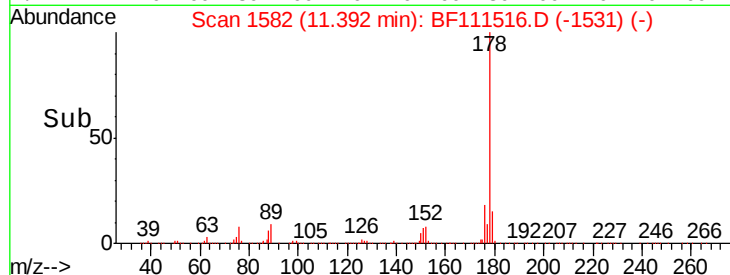
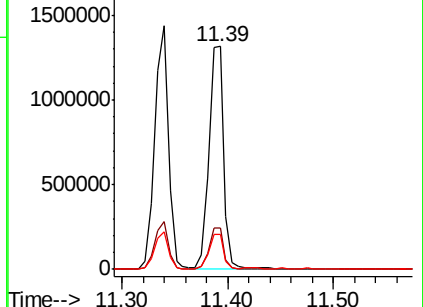
179 15.7 13.8 20.8



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: 43.628 ng

RT: 11.55 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

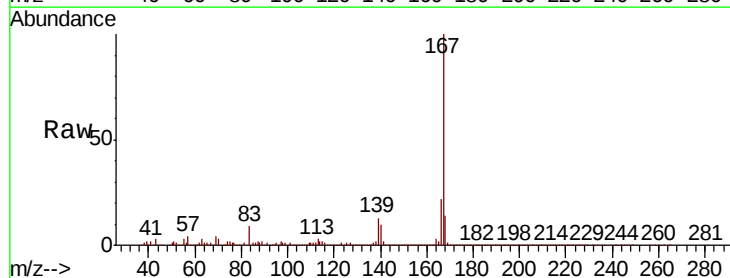
Tgt Ion:167 Resp: 1190962

Ion Ratio Lower Upper

167 100

166 22.1 19.3 28.9

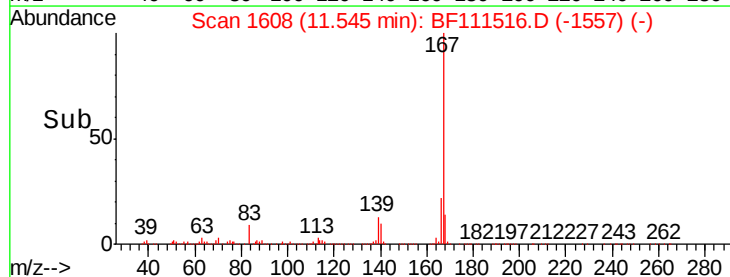
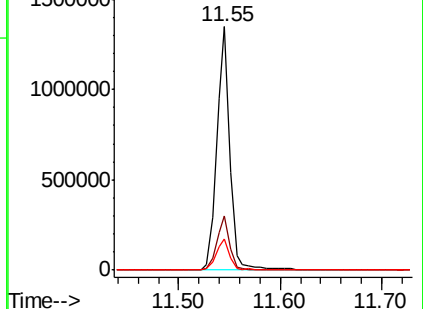
139 12.9 11.9 17.9

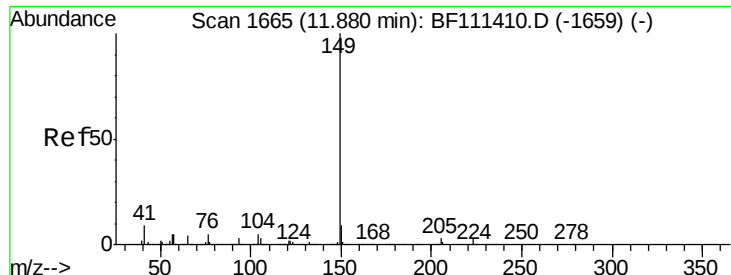


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 49.956 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

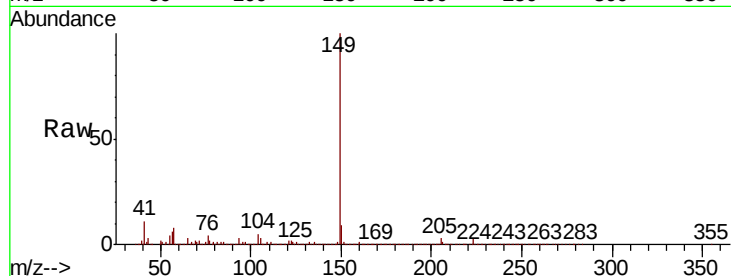
Tgt Ion:149 Resp: 1518762

Ion Ratio Lower Upper

149 100

150 9.4 8.8 13.2

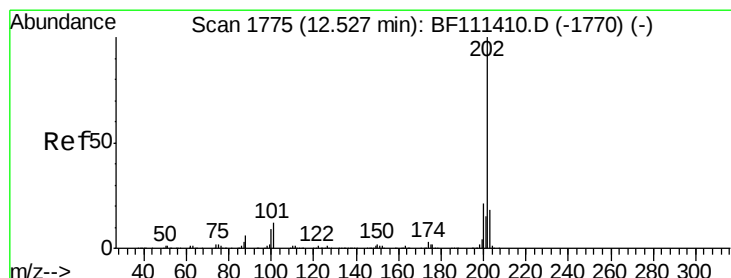
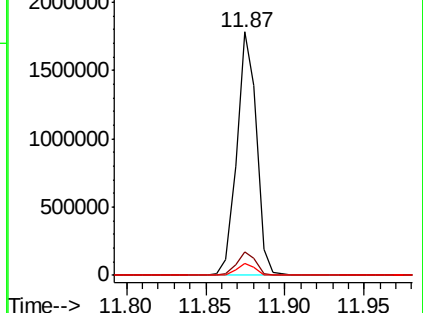
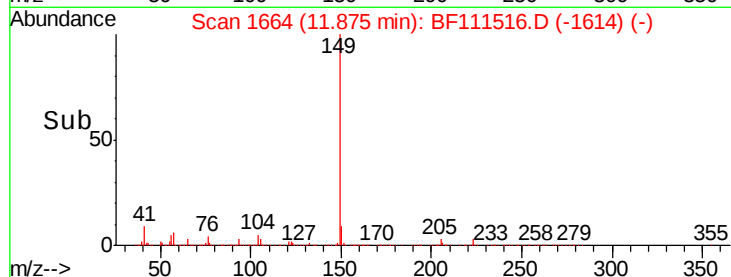
104 4.7 4.5 6.7



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: 48.214 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

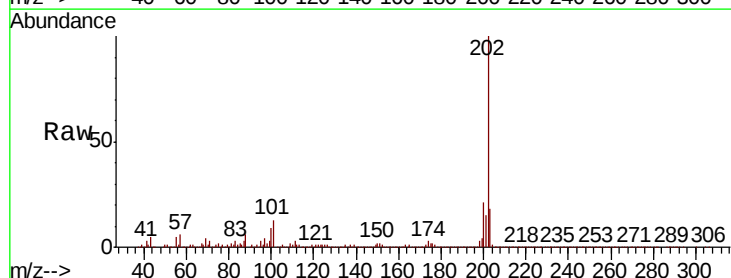
Tgt Ion:202 Resp: 1217529

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.8

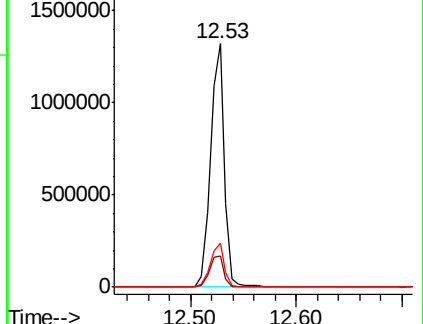
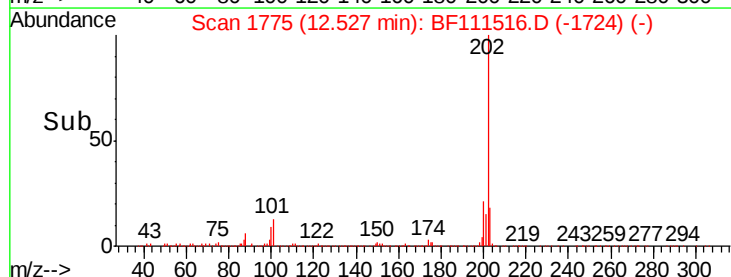
203 17.9 0.0 38.6

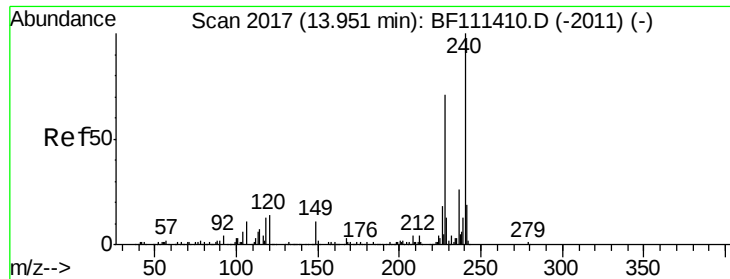


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

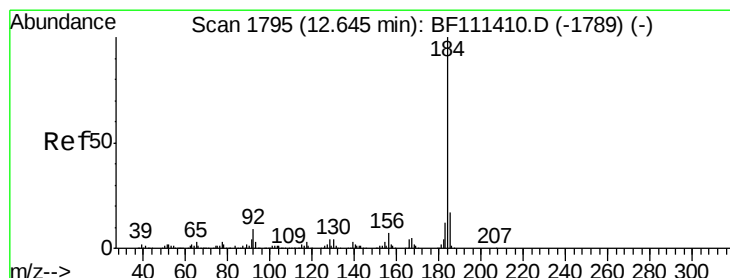
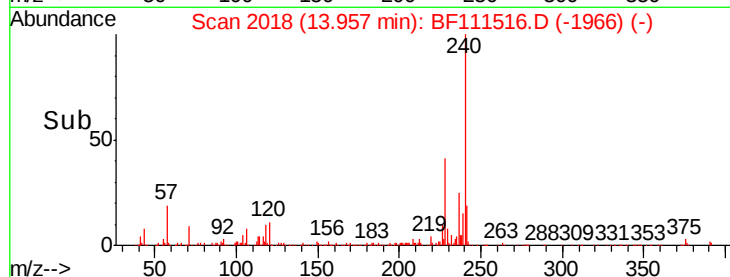
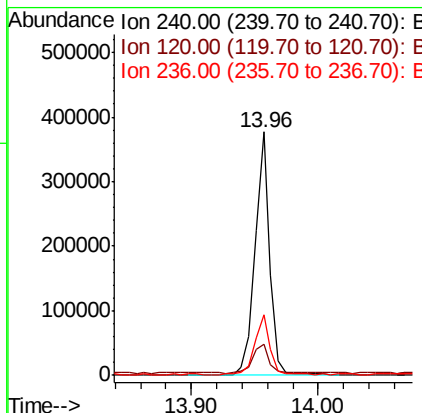
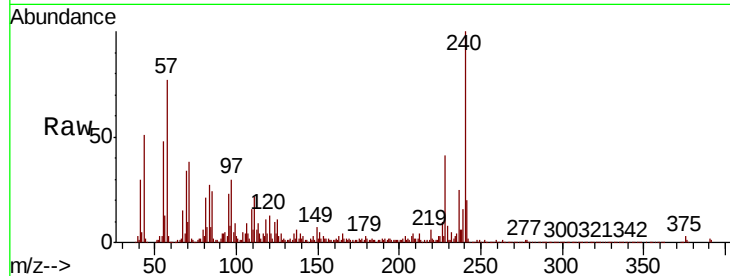




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

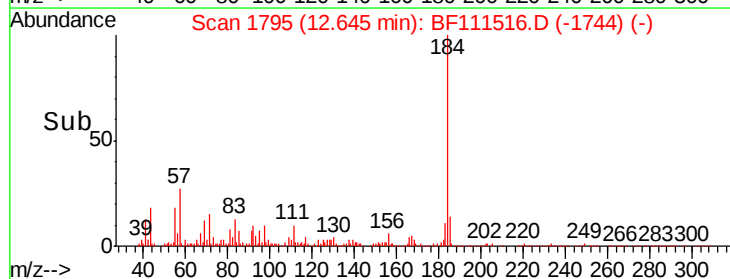
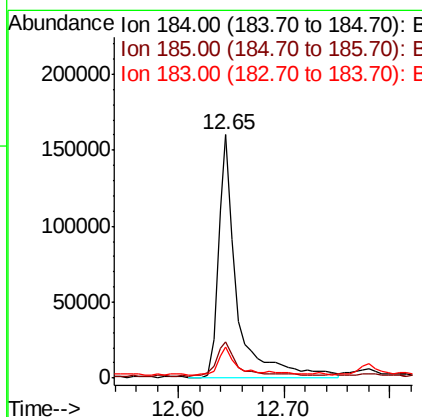
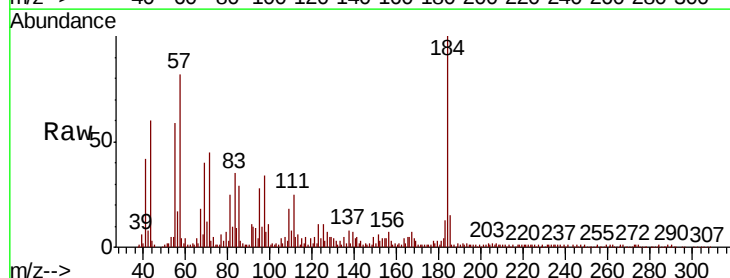
Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

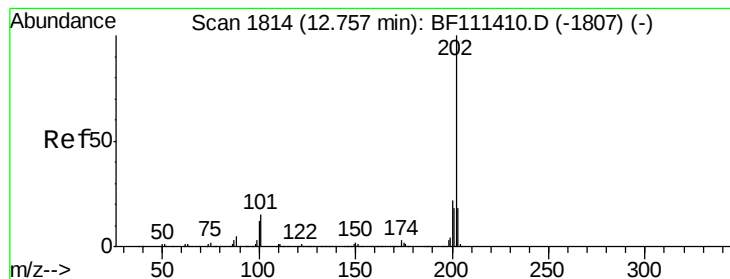
Tgt Ion:240 Resp: 305753
Ion Ratio Lower Upper
240 100
120 12.5 12.2 18.2
236 24.9 20.2 30.2



#77
Benzidine
Concen: 17.362 ng
RT: 12.65 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:184 Resp: 195138
Ion Ratio Lower Upper
184 100
185 14.8 13.0 19.6
183 12.7 9.3 13.9





#78

Pyrene

Concen: 57.546 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

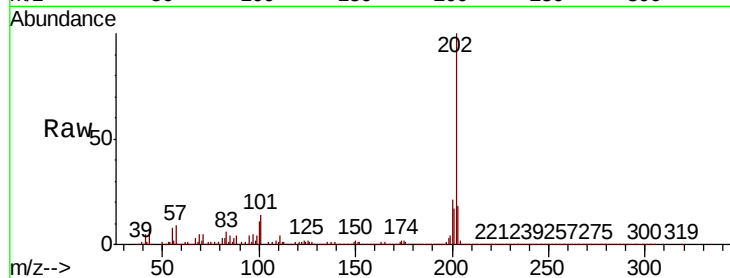
Tgt Ion:202 Resp: 1240494

Ion Ratio Lower Upper

202 100

200 21.2 19.0 28.4

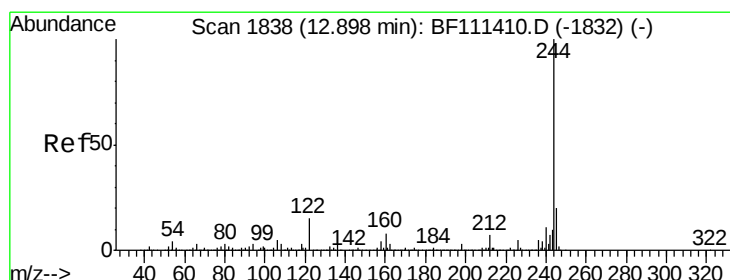
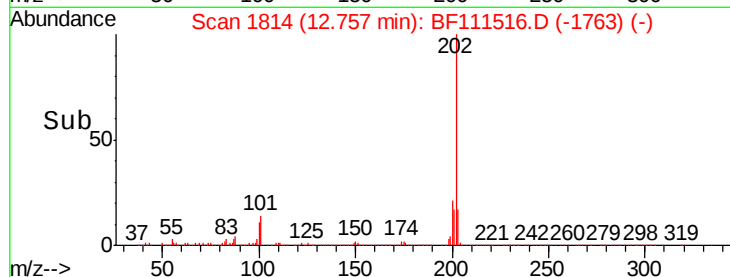
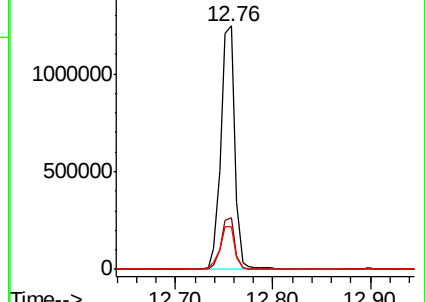
203 17.5 15.2 22.8



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: 114.265 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

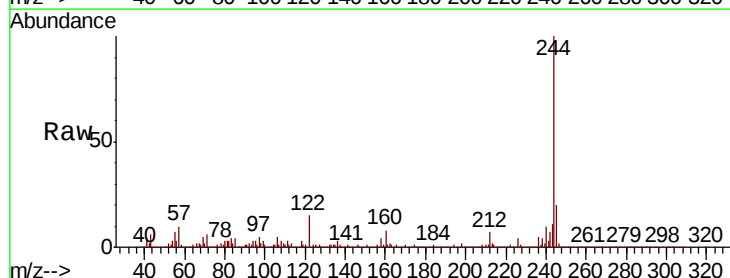
Tgt Ion:244 Resp: 1487797

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

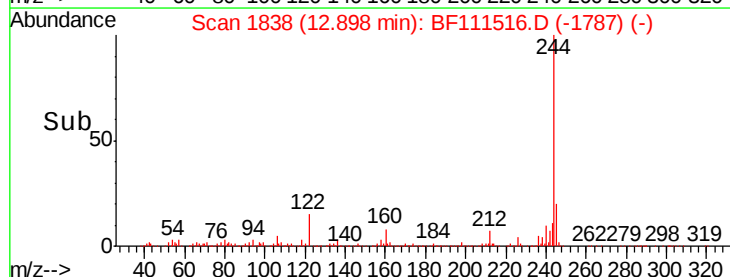
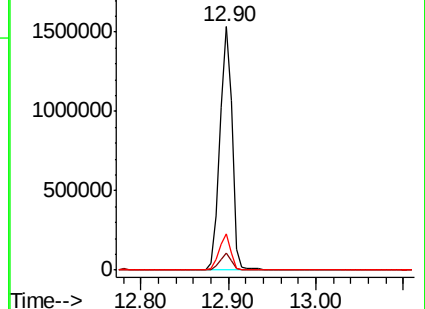
122 14.8 13.1 19.7

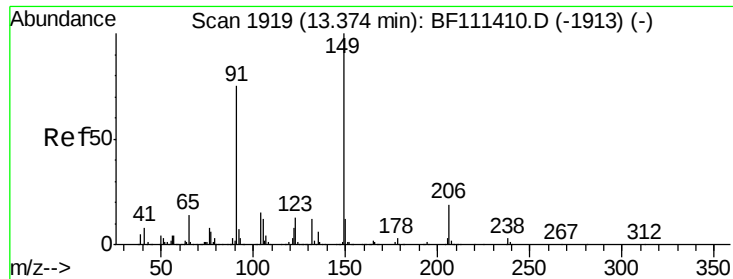


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

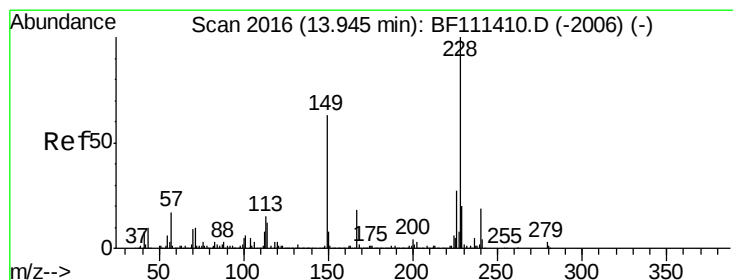
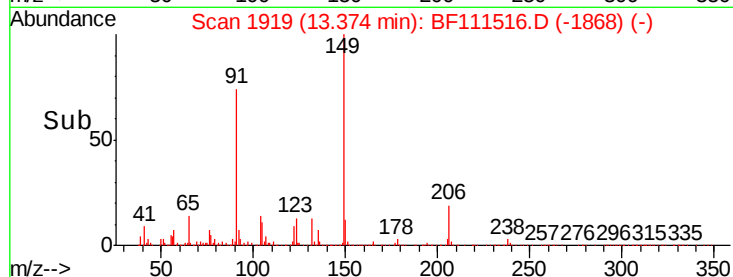
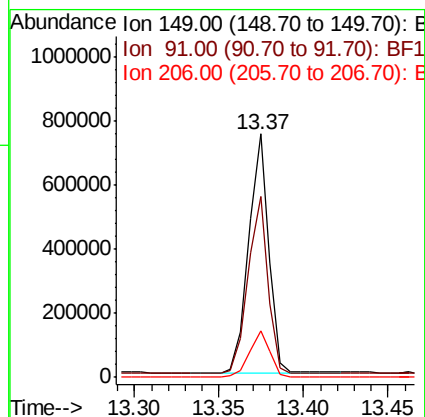
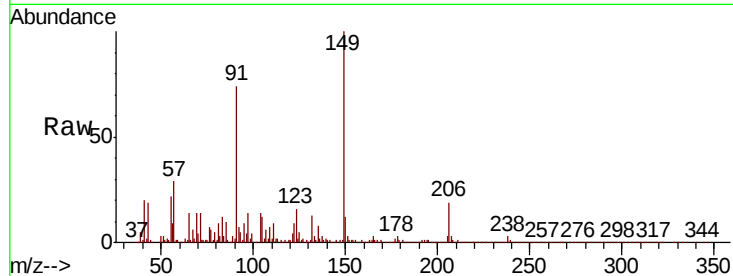




#80
Butylbenzylphthalate
Concen: 59.699 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

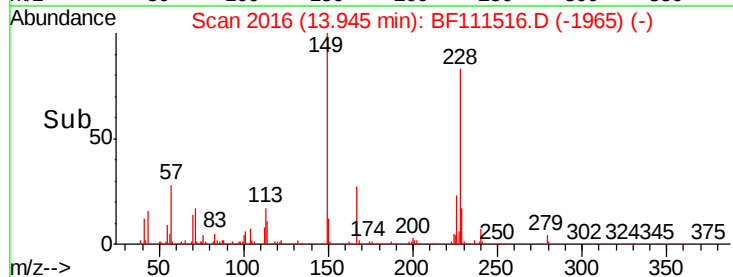
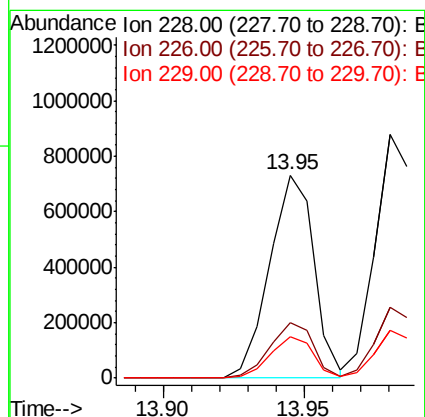
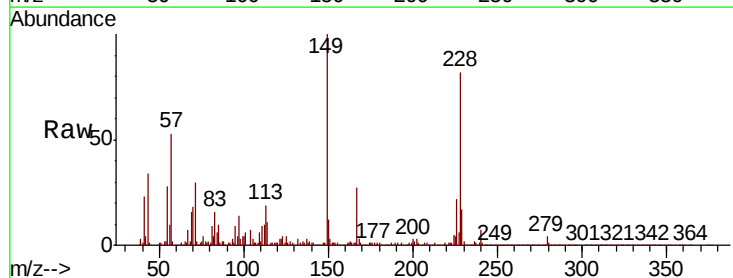
Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

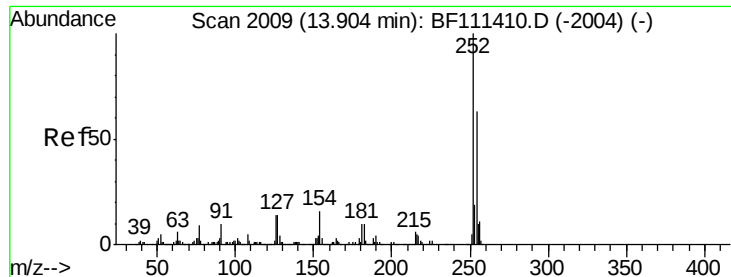
Tgt Ion:149 Resp: 627273
Ion Ratio Lower Upper
149 100
91 74.3 63.8 95.6
206 19.3 15.1 22.7



#81
Benzo(a)anthracene
Concen: 47.793 ng
RT: 13.95 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:228 Resp: 794564
Ion Ratio Lower Upper
228 100
226 27.3 22.6 34.0
229 20.4 16.3 24.5

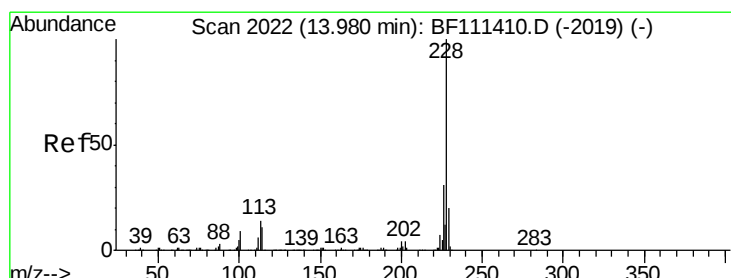
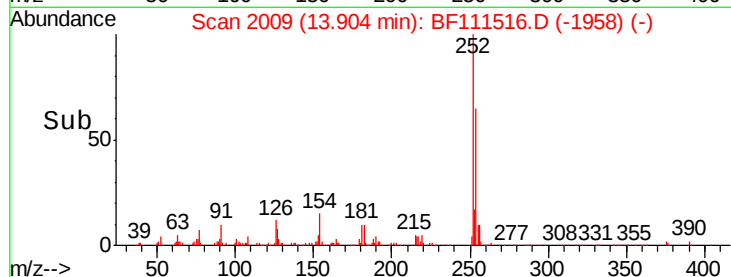
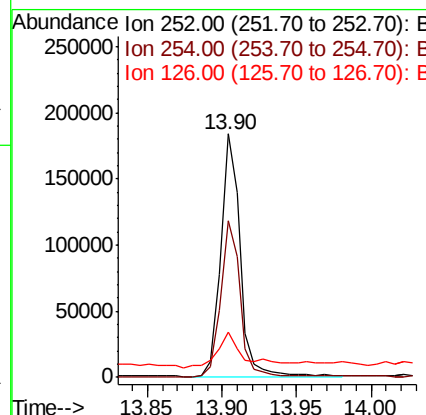
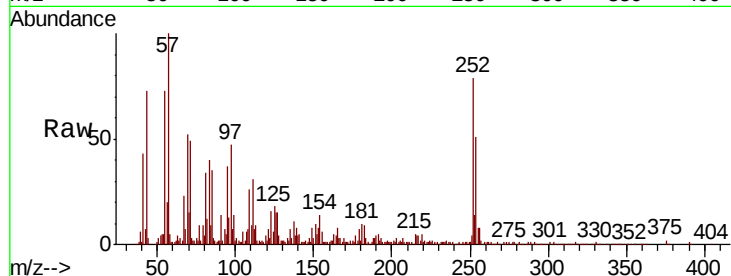




#82
 3,3'-Dichlorobenzidine
 Concen: 24.901 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

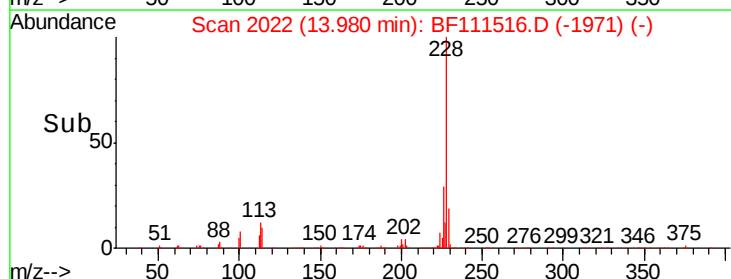
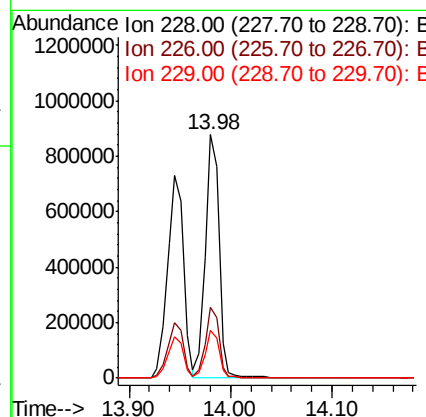
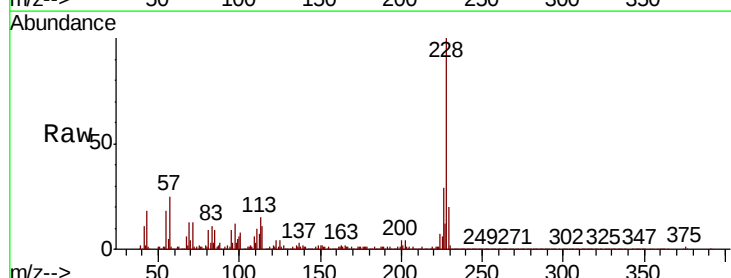
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

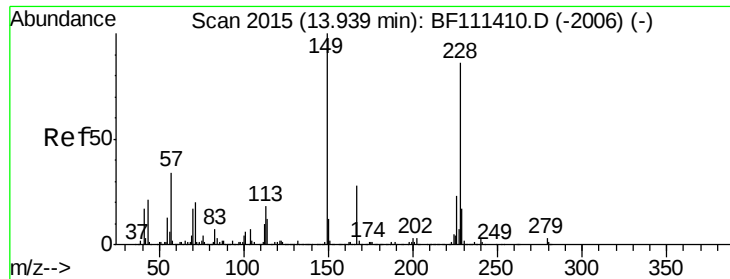
Tgt Ion: 252 Resp: 168293
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.7 79.1
 126 18.8 11.1 16.7#



#83
 Chrysene
 Concen: 47.361 ng
 RT: 13.98 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion: 228 Resp: 829453
 Ion Ratio Lower Upper
 228 100
 226 29.1 25.3 37.9
 229 19.5 17.2 25.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 73.399 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

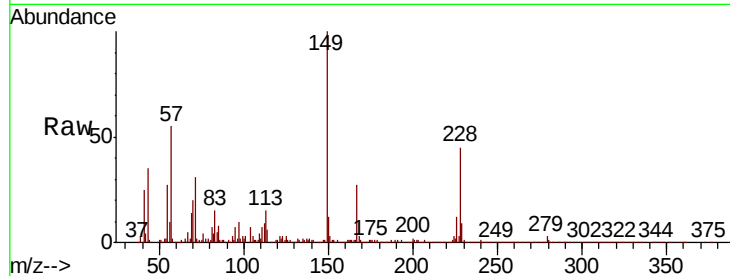
Tgt Ion:149 Resp: 985052

Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

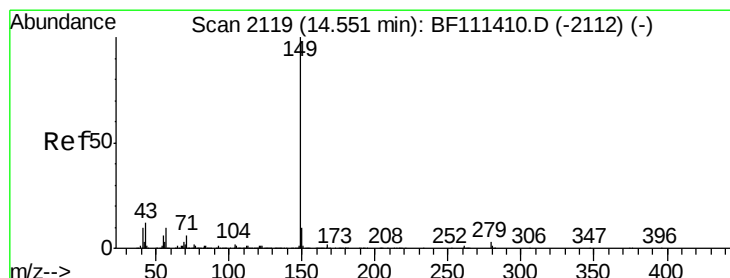
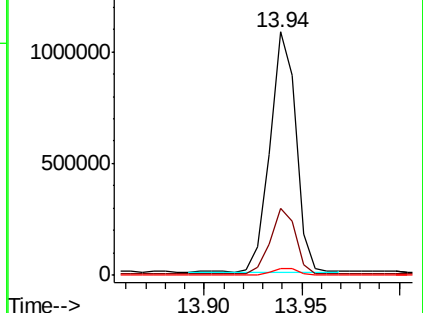
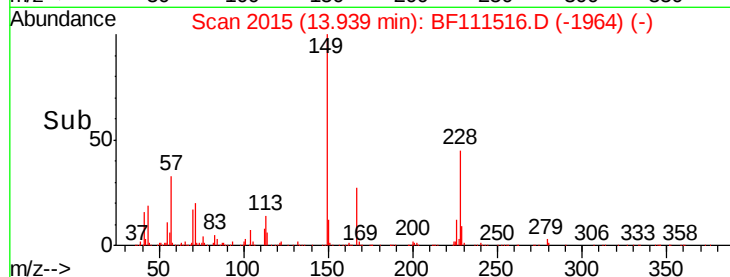
279 3.0 2.6 4.0



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: 52.873 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

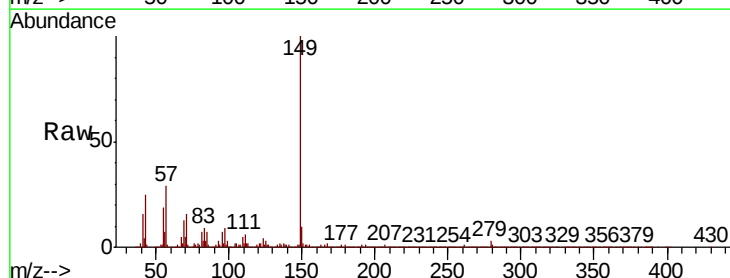
Tgt Ion:149 Resp: 1196896

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

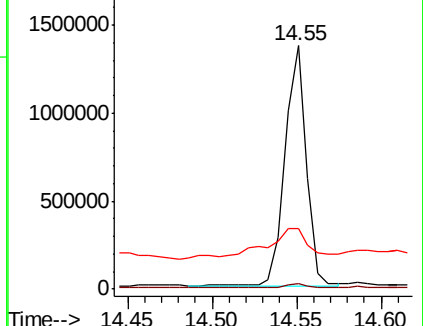
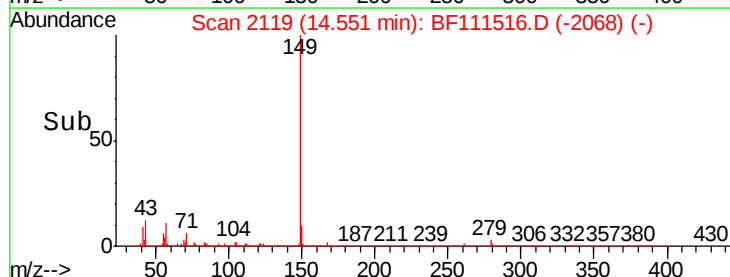
43 20.3 10.9 16.3#

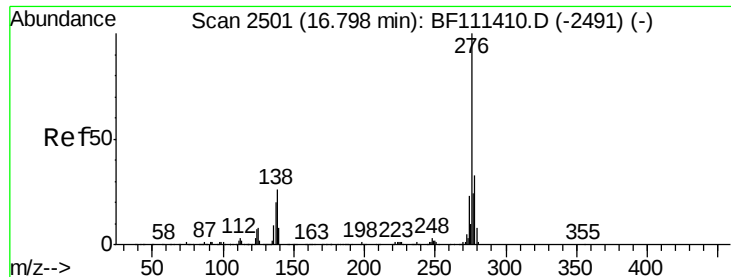


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

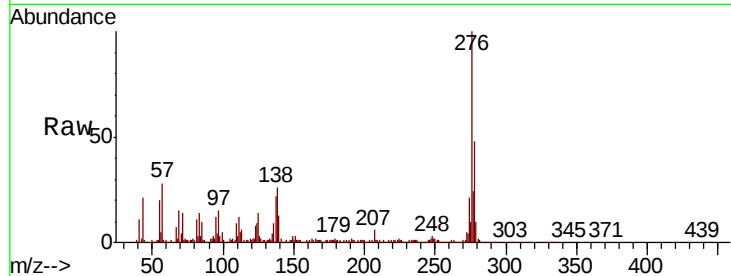




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.358 ng
 RT: 16.82 min Scan# 2505
 Delta R.T. 0.02 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-01MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.7	27.8	41.6#
277	23.7	20.1	30.1

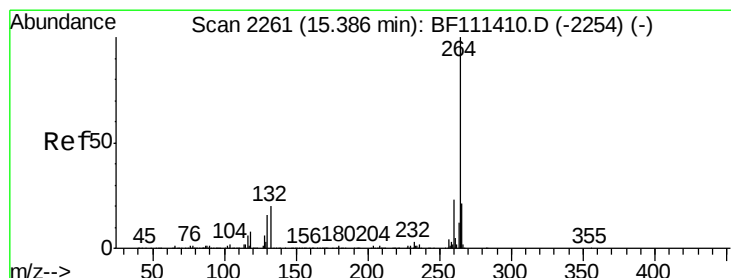
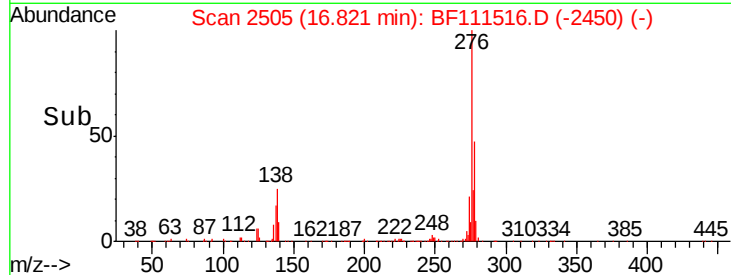
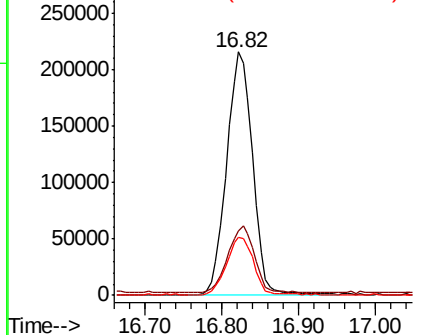


Abundance

Ion 276.00 (275.70 to 276.70): E

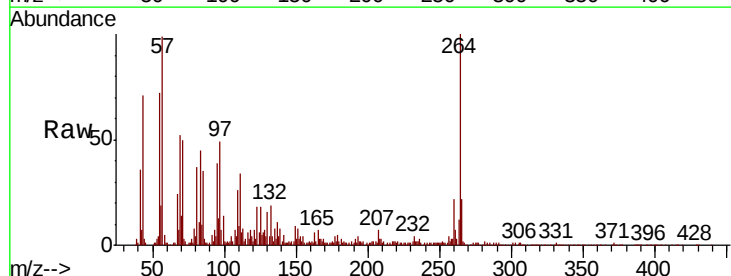
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: BF111516.D
 Acq: 16 Dec 2018 18:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.3	27.5
265	21.6	17.7	26.5

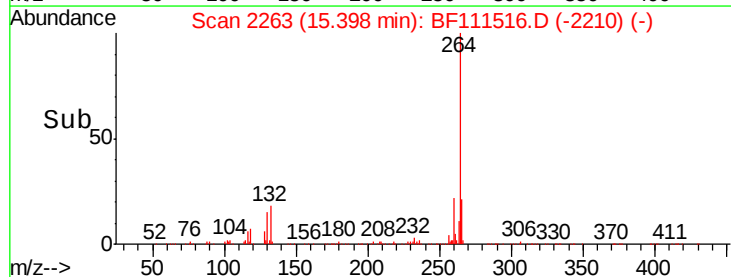
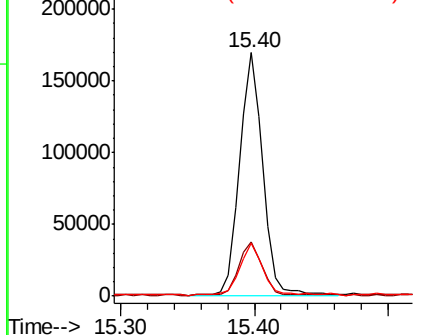


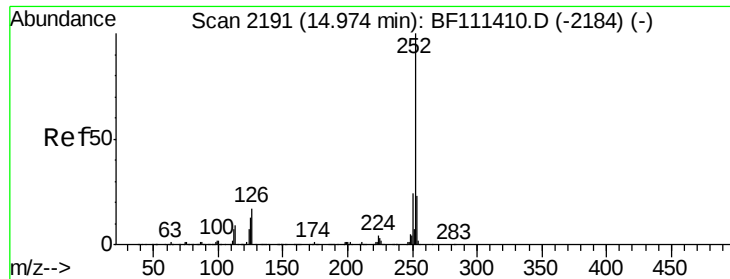
Abundance

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

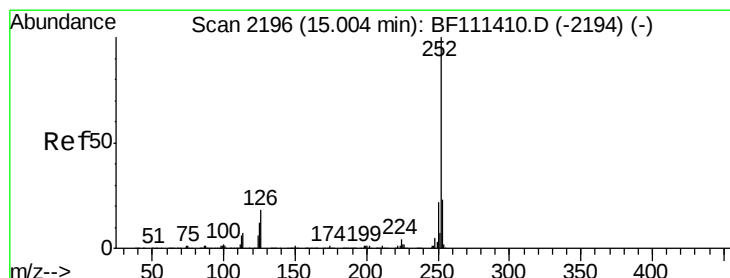
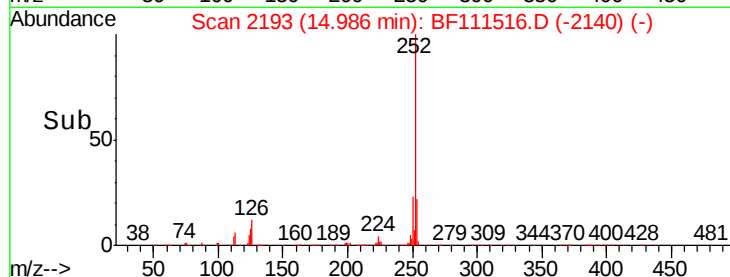
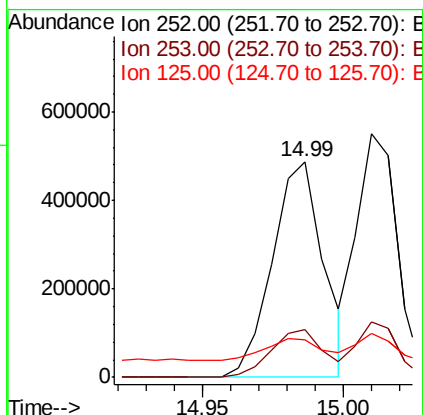
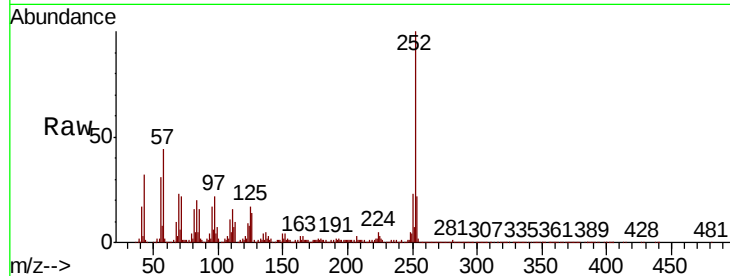




#88
Benzo(b)fluoranthene
Concen: 51.603 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

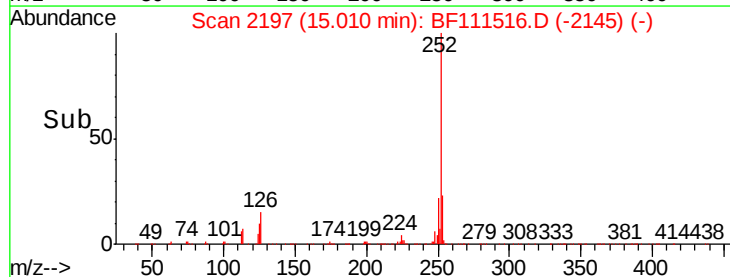
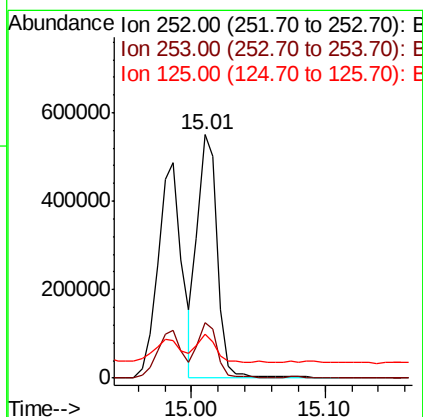
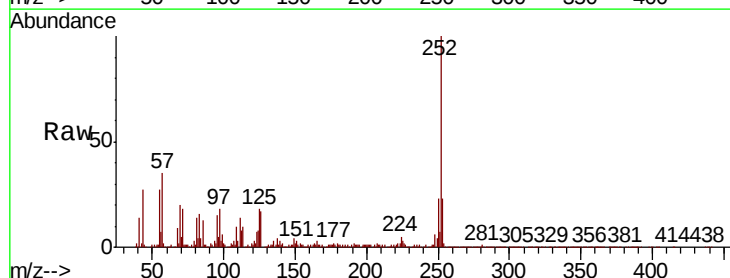
Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MS

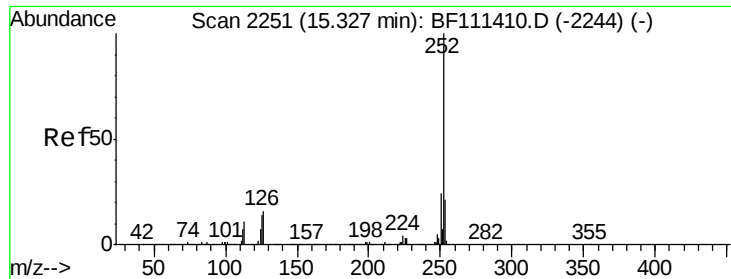
Tgt Ion:252 Resp: 610646
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 17.4 10.4 15.6#



#89
Benzo(k)fluoranthene
Concen: 49.228 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111516.D
Acq: 16 Dec 2018 18:51

Tgt Ion:252 Resp: 556618
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 18.2 9.8 14.8#





#90

Benzo(a)pyrene

Concen: 49.277 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

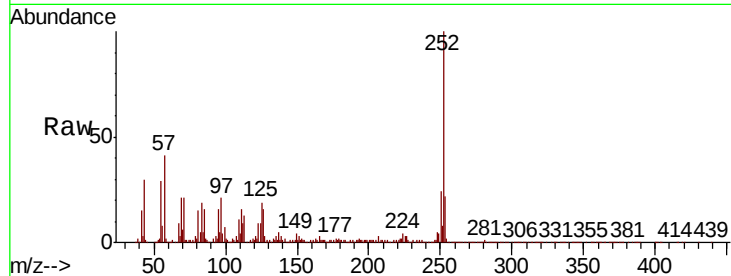
Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

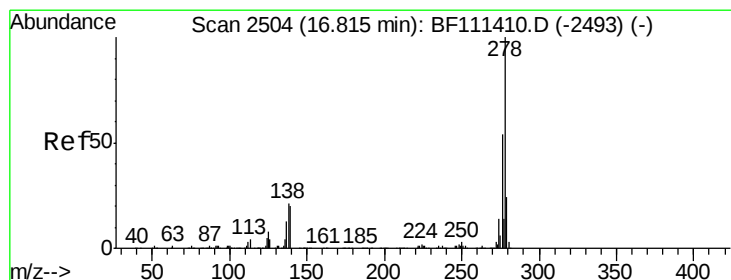
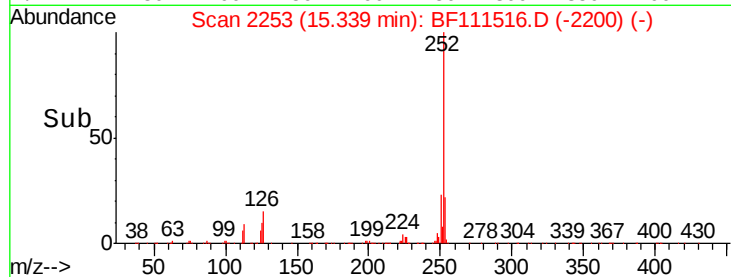
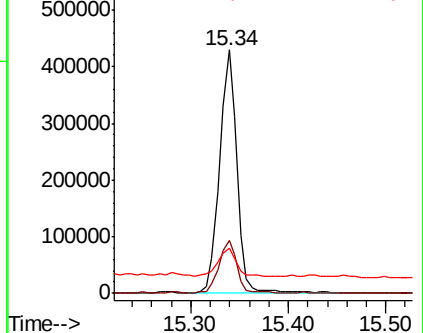
Tgt Ion:	252	Resp:	525837
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	18.5	12.3	18.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 50.729 ng

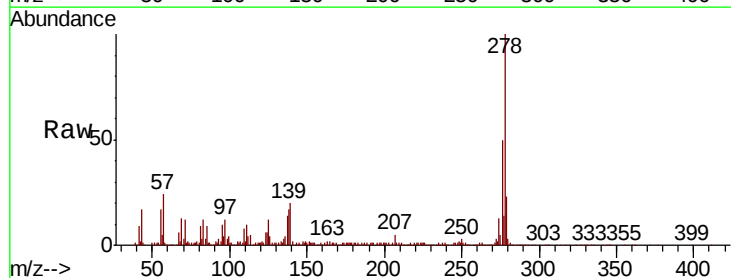
RT: 16.84 min Scan# 2508

Delta R.T. 0.02 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

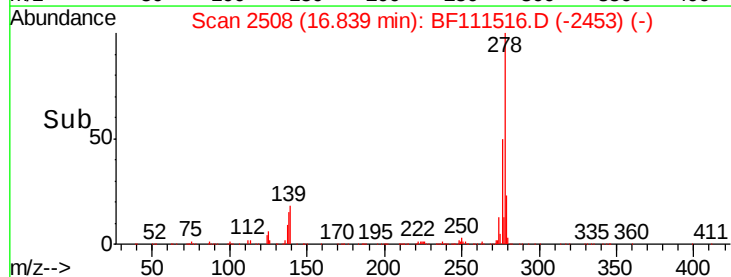
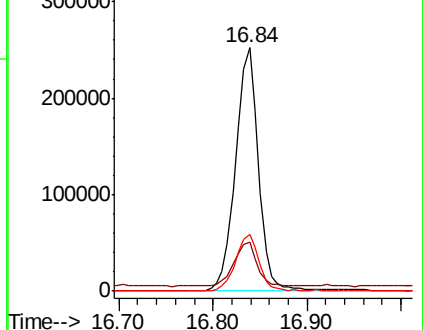
Tgt Ion:	278	Resp:	427020
Ion Ratio	Lower	Upper	
278	100		
139	20.3	18.2	27.4
279	23.4	19.0	28.6

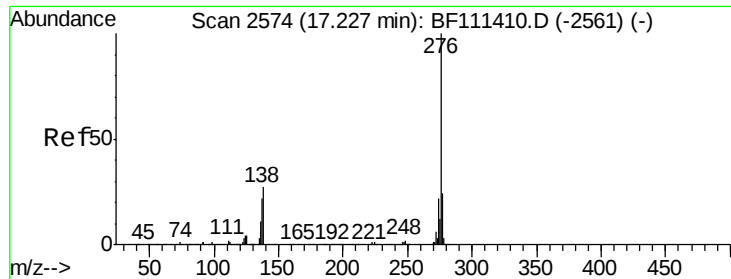


Abundance Ion 278.00 (277.70 to 278.70): E

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: 73.581 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.02 min

Lab File: BF111516.D

Acq: 16 Dec 2018 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-01MS

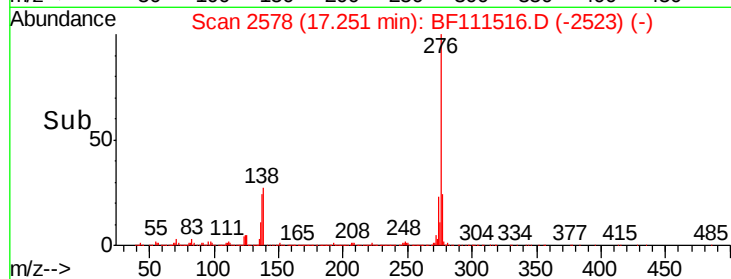
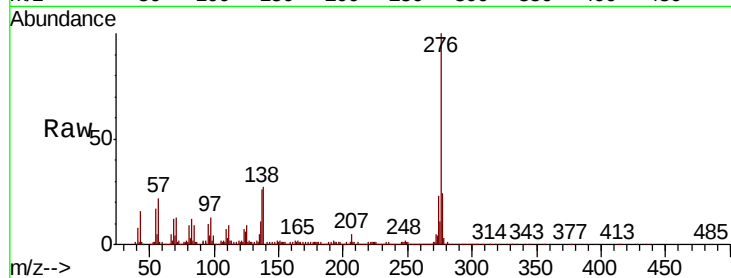
Tgt Ion:276 Resp: 607968

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 27.5 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

