

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111523.D
 Acq On : 16 Dec 2018 22:15
 Operator : JU/SJ
 Sample : J6391-08MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

Quant Time: Dec 17 06:46:20 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	139105	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	545688	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	222730	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	312427	20.00	ng	0.00
76) Chrysene-d12	13.94	240	268932	20.00	ng	0.00
87) Perylene-d12	15.38	264	198260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	757559	90.62	ng	0.00
7) Phenol-d6	6.44	99	945156	85.00	ng	0.00
23) Nitrobenzene-d5	7.35	82	579144	63.20	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	138158	69.25	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	957790	66.42	ng	-0.01
79) Terphenyl-d14	12.89	244	600294	52.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	92741	22.971	ng	# 89
3) Pyridine	3.28	79	82899	8.175	ng	89
4) n-Nitrosodimethylamine	3.19	42	148470	32.235	ng	87
6) Aniline	6.45	93	70334	5.099	ng	# 1
8) 2-Chlorophenol	6.58	128	299075	29.943	ng	95
9) Benzaldehyde	6.33	77	94195	13.966	ng	92
10) Phenol	6.45	94	397235	32.069	ng	98
11) bis(2-Chloroethyl)ether	6.52	93	274678	28.288	ng	97
12) 1,3-Dichlorobenzene	6.73	146	314521	28.606	ng	97
13) 1,4-Dichlorobenzene	6.80	146	319782	28.654	ng	97
14) 1,2-Dichlorobenzene	6.96	146	303824	28.939	ng	97
15) Benzyl Alcohol	6.93	79	244027	28.842	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	544996	28.746	ng	98
17) 2-Methylphenol	7.06	107	227719	28.329	ng	# 94
18) Hexachloroethane	7.30	117	101239	24.376	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	202119	27.552	ng	93
20) 3+4-Methylphenols	7.20	107	299119	29.665	ng	# 74
22) Acetophenone	7.20	105	412819	33.889	ng	# 88
24) Nitrobenzene	7.37	77	289820	31.003	ng	96
25) Isophorone	7.61	82	538228	34.713	ng	99
26) 2-Nitrophenol	7.69	139	127702	26.342	ng	98
27) 2,4-Dimethylphenol	7.73	122	250286	35.612	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	345574	32.285	ng	99
29) 2,4-Dichlorophenol	7.94	162	228816	30.499	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	240461	30.617	ng	99
31) Naphthalene	8.09	128	826300	32.375	ng	97
32) Benzoic acid	7.83	122	90170	14.847	ng	97
33) 4-Chloroaniline	8.14	127	94508	8.327	ng	98
34) Hexachlorobutadiene	8.22	225	130734	30.214	ng	97
35) Caprolactam	8.50	113	57859	20.771	ng	95
36) 4-Chloro-3-methylphenol	8.63	107	224489	27.184	ng	97
37) 2-Methylnaphthalene	8.79	142	548652	31.767	ng	99
38) 1-Methylnaphthalene	8.89	142	507746	30.431	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	210563	34.472	ng	98

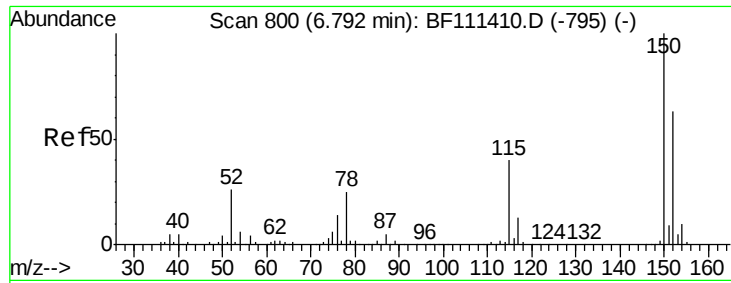
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	50951	16.247	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	129307	29.911	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	134907	29.326	ng	# 91
46) 1,1'-Biphenyl	9.25	154	617947	32.744	ng	91
47) 2-Chloronaphthalene	9.27	162	469420	32.723	ng	93
48) 2-Nitroaniline	9.37	65	143958	30.907	ng	90
49) Acenaphthylene	9.69	152	696295	32.700	ng	95
50) Dimethylphthalate	9.55	163	602975	37.591	ng	99
51) 2,6-Dinitrotoluene	9.60	165	111216	30.803	ng	# 84
52) Acenaphthene	9.86	154	405698	30.145	ng	98
53) 3-Nitroaniline	9.77	138	77118	17.585	ng	99
54) 2,4-Dinitrophenol	9.88	184	9098	6.623	ng	90
55) Dibenzofuran	10.03	168	597150	30.568	ng	97
56) 4-Nitrophenol	9.95	139	140518	46.299	ng	99
57) 2,4-Dinitrotoluene	10.01	165	131826	27.818	ng	96
58) Fluorene	10.37	166	442079	31.199	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	93218	25.935	ng	96
60) Diethylphthalate	10.25	149	500423	30.799	ng	97
61) 4-Chlorophenyl-phenylether	10.36	204	202937	29.273	ng	97
62) 4-Nitroaniline	10.38	138	85327	19.654	ng	99
63) Azobenzene	10.52	77	434941	27.153	ng	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	8247	4.676	ng	95
66) n-Nitrosodiphenylamine	10.48	169	378265	35.109	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	112906	33.530	ng	95
68) Hexachlorobenzene	10.93	284	109167	31.517	ng	97
69) Atrazine	11.01	200	104948	33.706	ng	96
70) Pentachlorophenol	11.12	266	110929	52.214	ng	97
71) Phenanthrene	11.33	178	536878	33.349	ng	93
72) Anthracene	11.39	178	554287	33.667	ng	94
73) Carbazole	11.54	167	490050	28.784	ng	95
74) Di-n-butylphthalate	11.87	149	652221	34.398	ng	# 95
75) Fluoranthene	12.52	202	525600	33.373	ng	93
78) Pyrene	12.75	202	539782	28.469	ng	94
80) Butylbenzylphthalate	13.37	149	259592	28.088	ng	92
81) Benzo(a)anthracene	13.94	228	474525	32.451	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	39054	6.570	ng	97
83) Chrysene	13.97	228	468859	30.437	ng	95
84) Bis(2-ethylhexyl)phthalate	13.93	149	375941	31.848	ng	98
85) Di-n-octyl phthalate	14.54	149	688660	34.587	ng	97
86) Indeno(1,2,3-cd)pyrene	16.80	276	299965	26.981	ng	93
88) Benzo(b)fluoranthene	14.97	252	401678	34.751	ng	98
89) Benzo(k)fluoranthene	15.00	252	349980	31.688	ng	99
90) Benzo(a)pyrene	15.32	252	333129	31.960	ng	96
91) Dibenzo(a,h)anthracene	16.82	278	257441	31.310	ng	# 94
92) Benzo(g,h,i)perylene	17.23	276	247406	30.654	ng	# 93

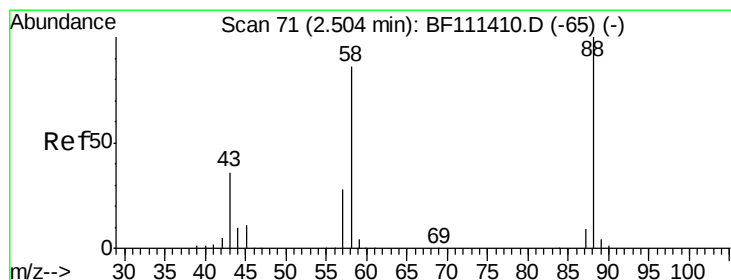
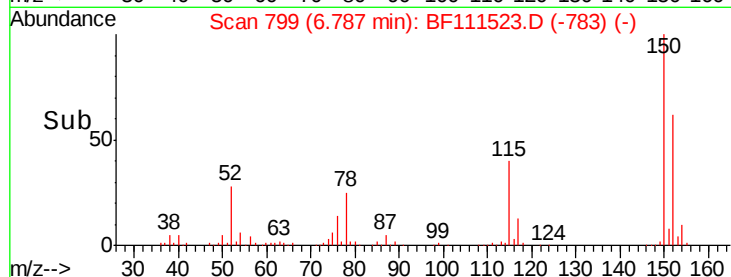
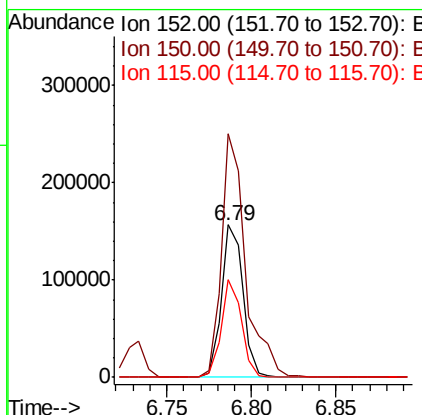
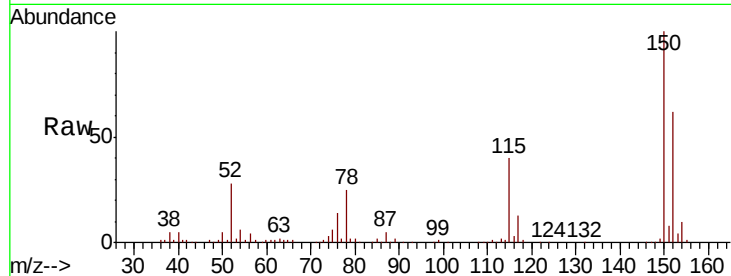
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

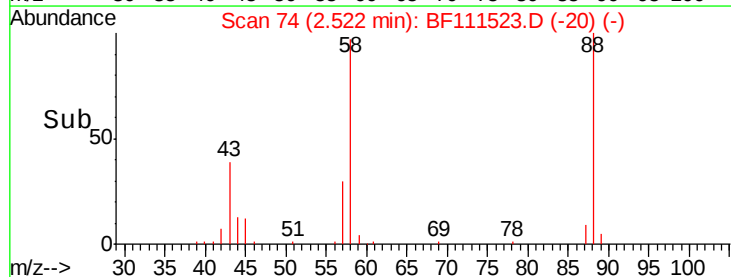
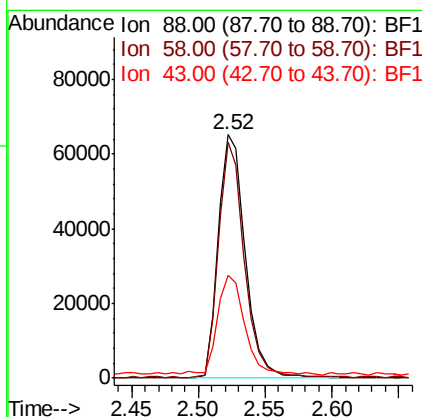
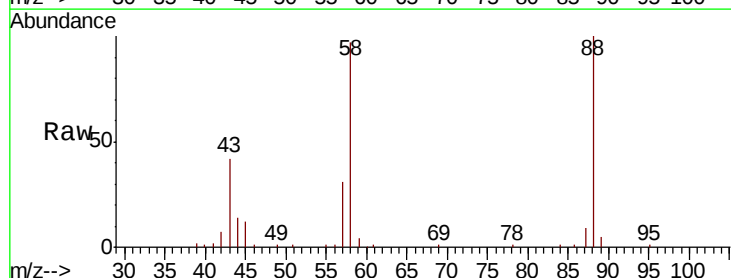
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

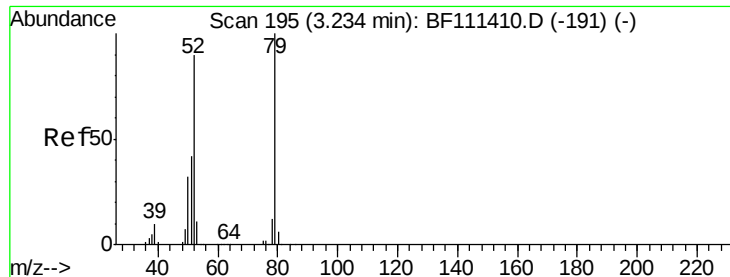
Tgt Ion:152 Resp: 139105
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.6 189.8
 115 63.9 50.7 76.1



#2
 1,4-Dioxane
 Concen: 22.971 ng
 RT: 2.52 min Scan# 74
 Delta R.T. 0.02 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Tgt Ion: 88 Resp: 92741
 Ion Ratio Lower Upper
 88 100
 58 93.8 68.9 103.3
 43 41.7 25.8 38.6#





#3

Pyridine

Concen: 8.175 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.05 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

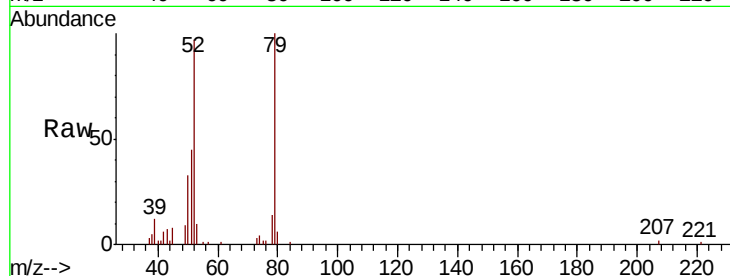
Tgt Ion: 79 Resp: 82899

Ion Ratio Lower Upper

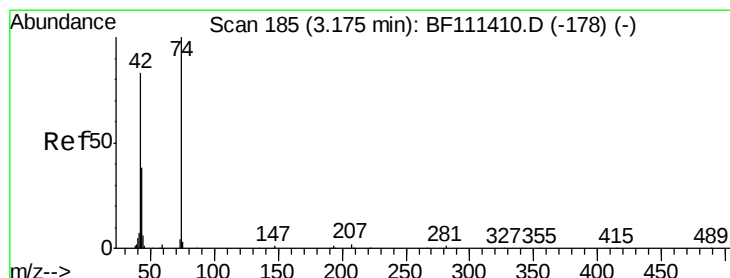
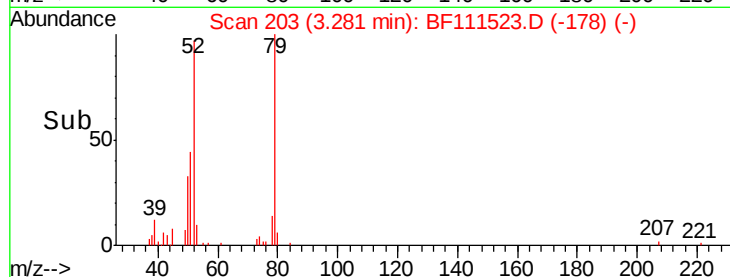
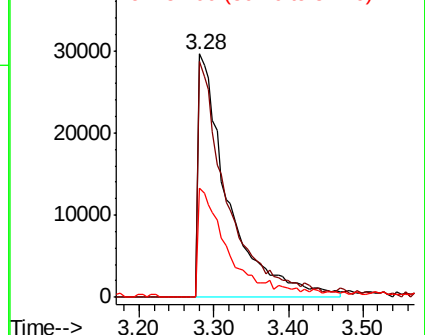
79 100

52 97.0 68.3 102.5

51 44.8 32.6 49.0



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



#4

n-Nitrosodimethylamine

Concen: 32.235 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

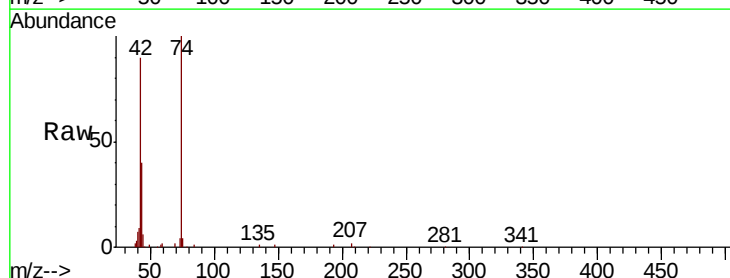
Tgt Ion: 42 Resp: 148470

Ion Ratio Lower Upper

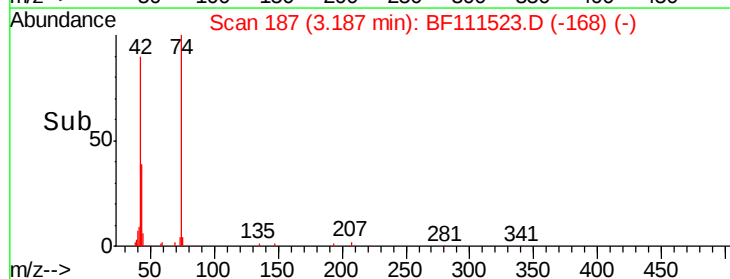
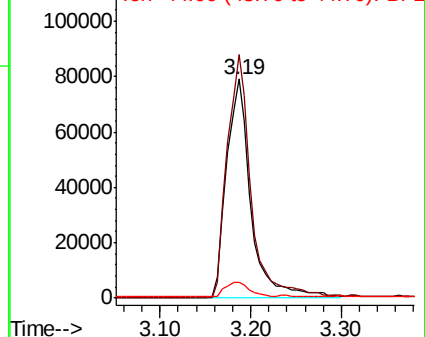
42 100

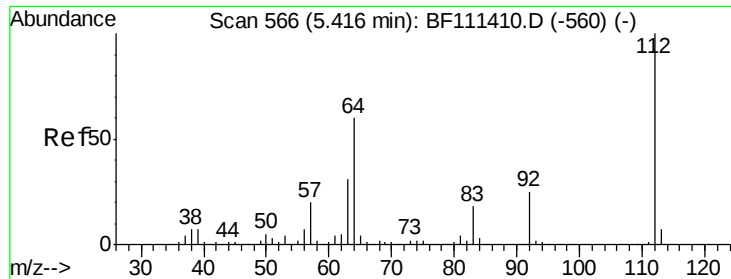
74 111.1 101.5 152.3

44 7.2 6.0 9.0



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





#5

2-Fluorophenol

Concen: 90.624 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

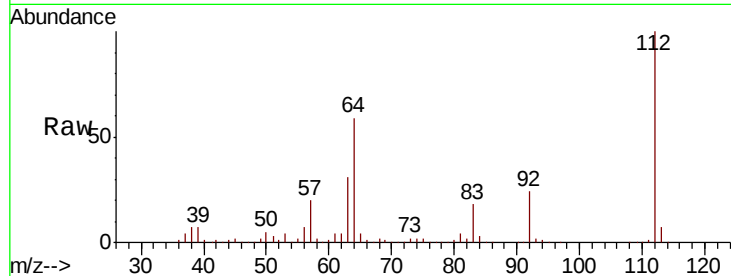
Tgt Ion: 112 Resp: 757559

Ion Ratio Lower Upper

112 100

64 58.6 51.8 77.6

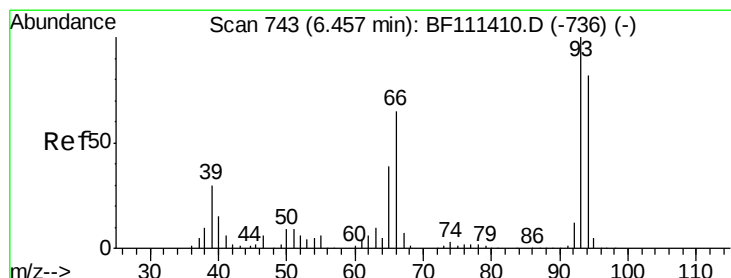
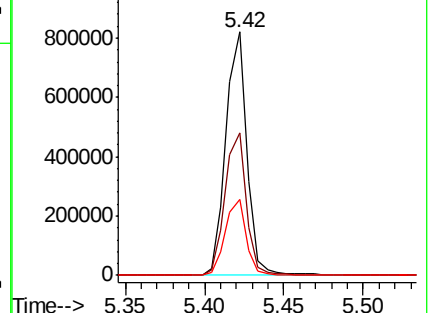
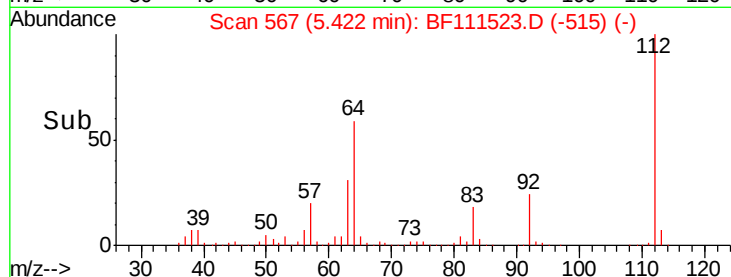
63 31.1 26.8 40.2



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: 5.099 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

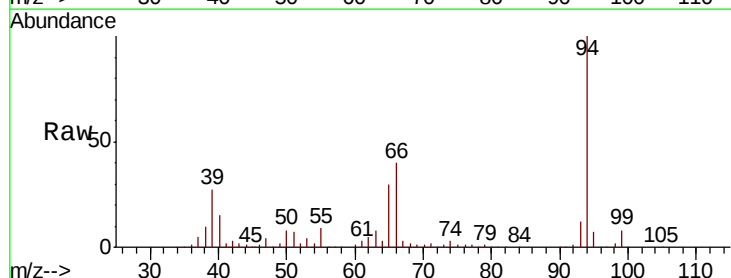
Tgt Ion: 93 Resp: 70334

Ion Ratio Lower Upper

93 100

66 321.1 33.2 49.8#

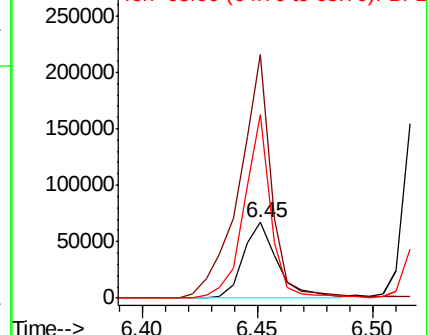
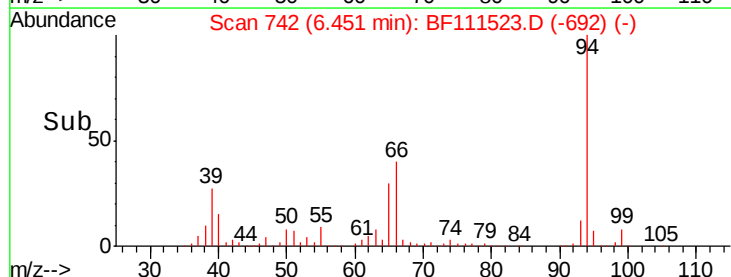
65 242.3 17.0 25.4#

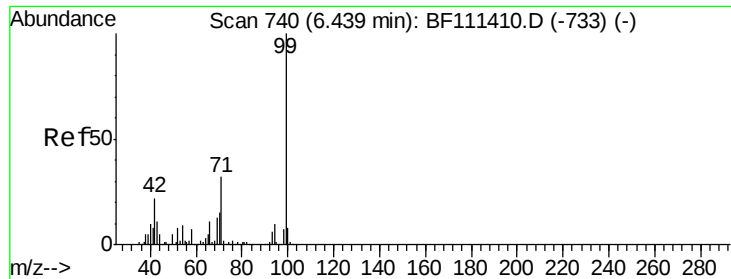


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.000 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

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ClientSampleId :

P001-SS016-0006-01MSD

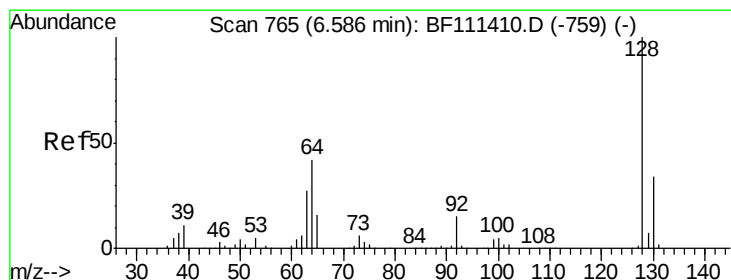
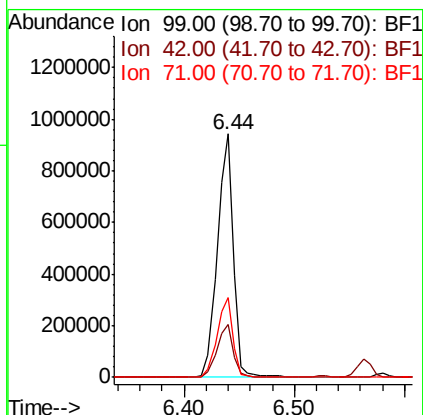
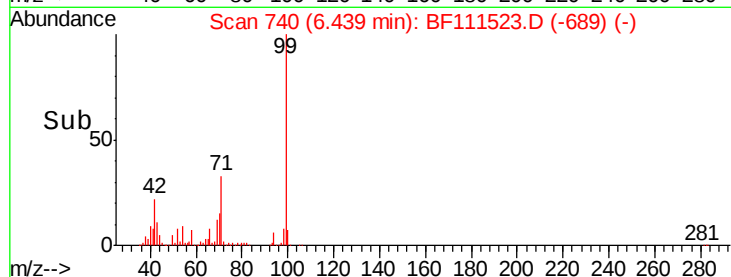
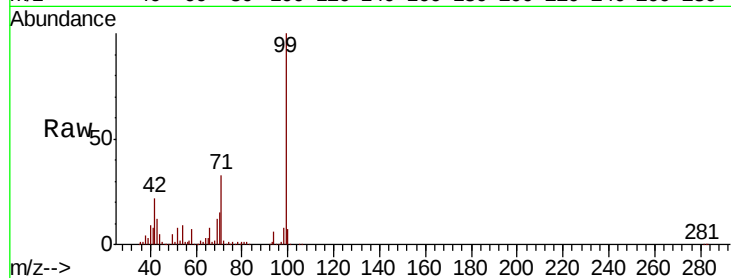
Tgt Ion: 99 Resp: 945156

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.0

71 32.8 26.1 39.1



#8

2-Chlorophenol

Concen: 29.943 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

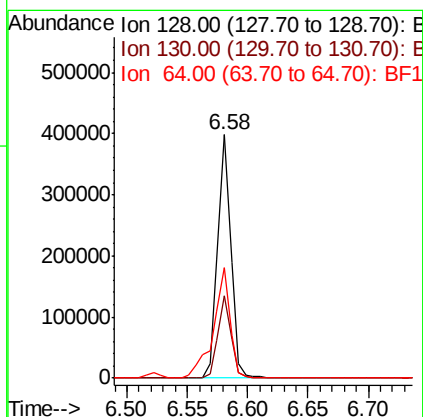
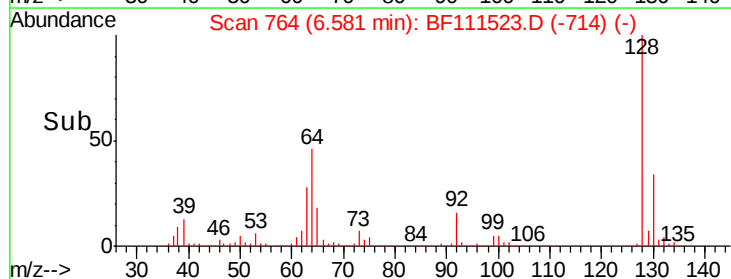
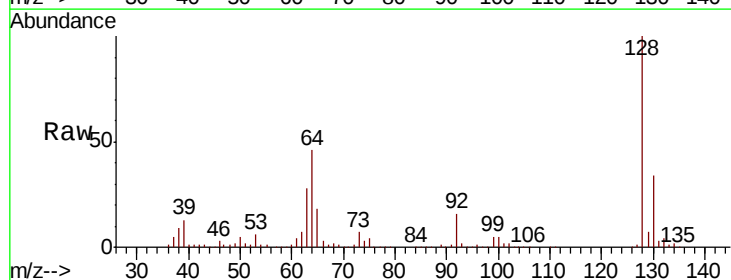
Tgt Ion: 128 Resp: 299075

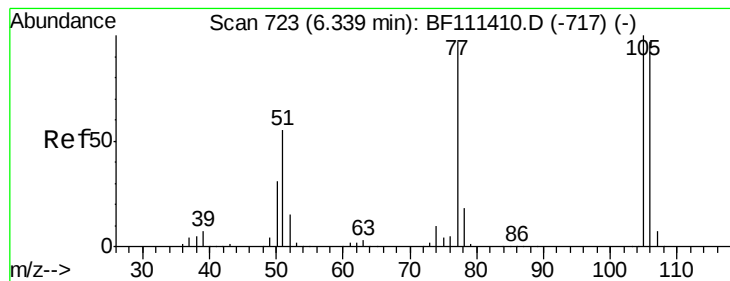
Ion Ratio Lower Upper

128 100

130 33.9 12.7 52.7

64 45.6 30.0 70.0





#9

Benzaldehyde

Concen: 13.966 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

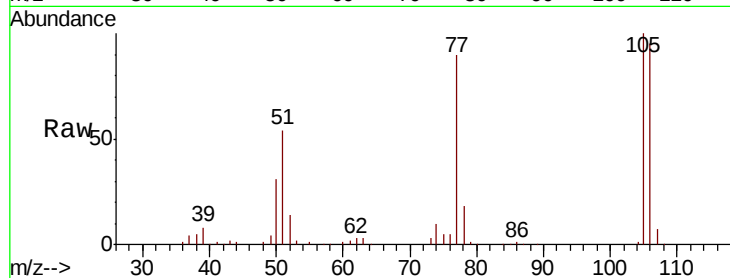
Tgt Ion: 77 Resp: 94195

Ion Ratio Lower Upper

77 100

105 110.6 81.4 121.4

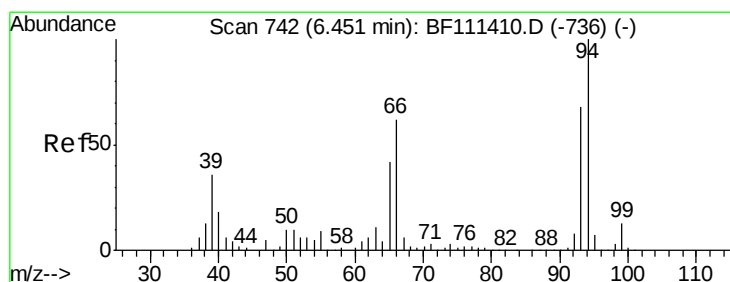
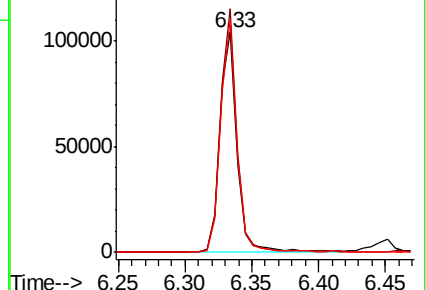
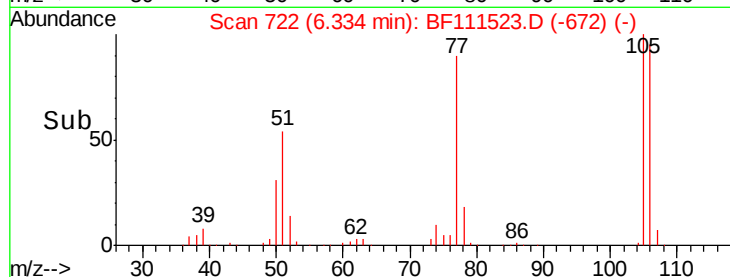
106 105.5 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.069 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

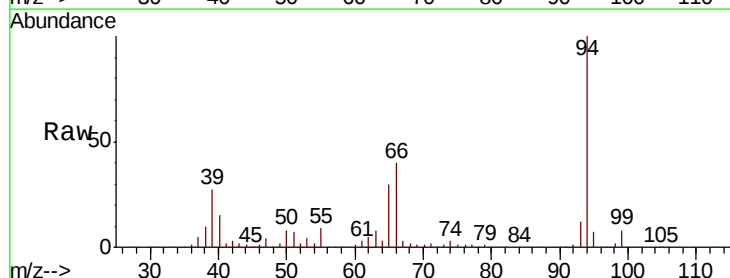
Tgt Ion: 94 Resp: 397235

Ion Ratio Lower Upper

94 100

65 30.2 11.7 51.7

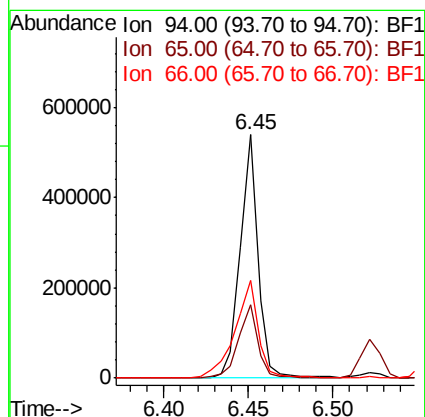
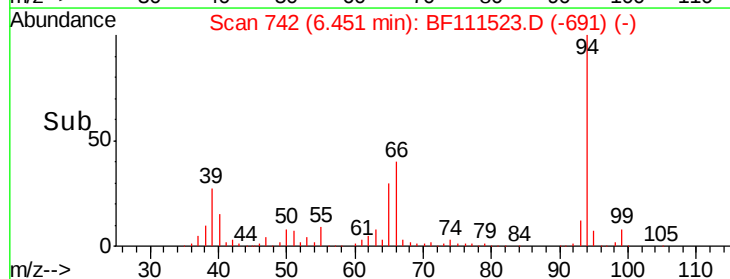
66 40.0 21.0 61.0

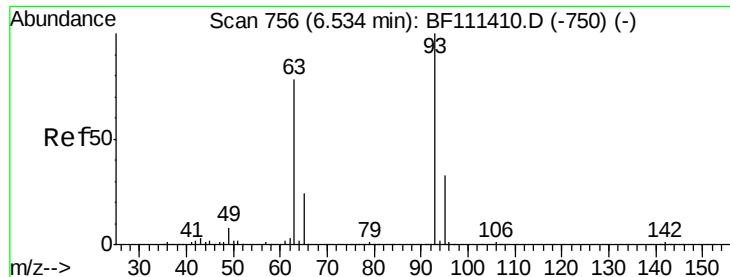


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

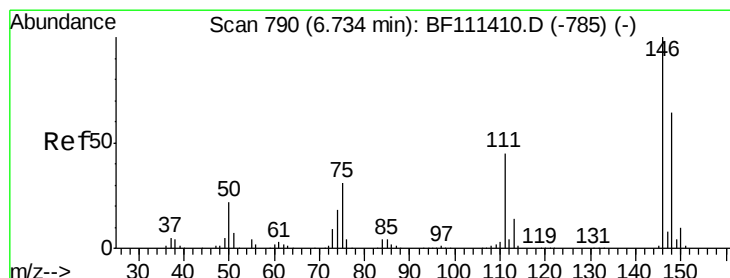
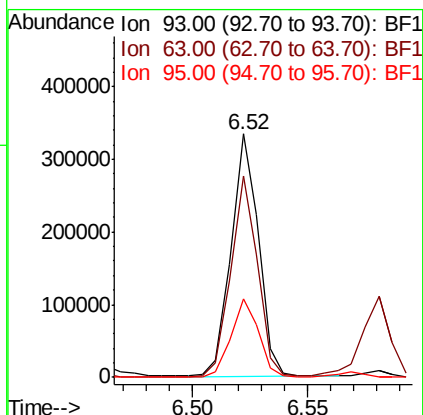
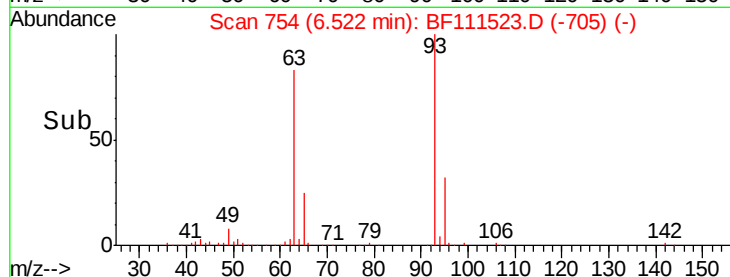
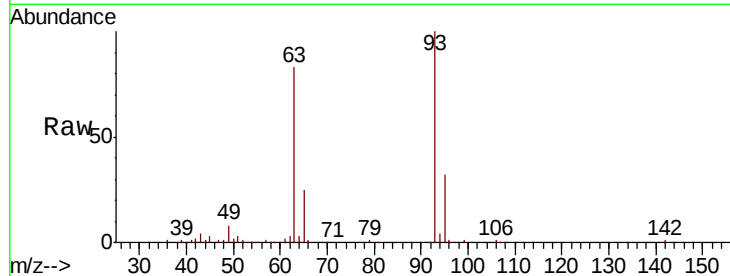




#11
bis(2-Chloroethyl)ether
Concen: 28.288 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

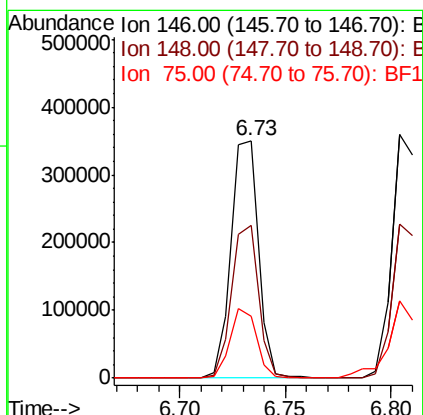
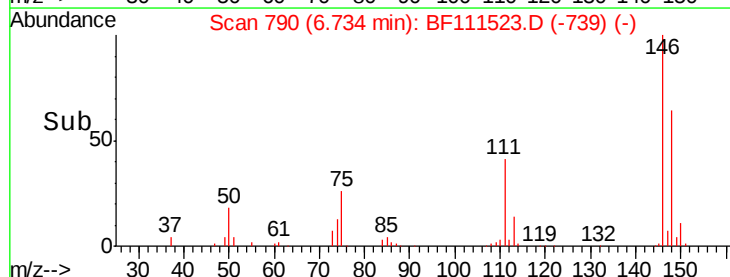
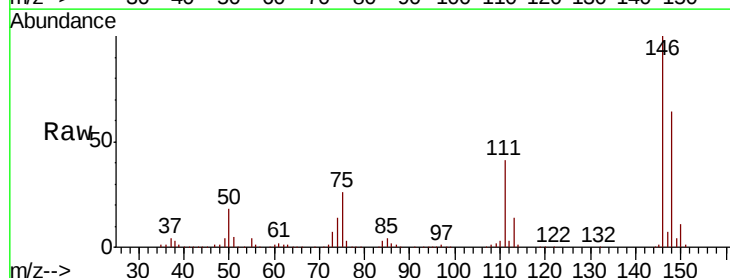
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

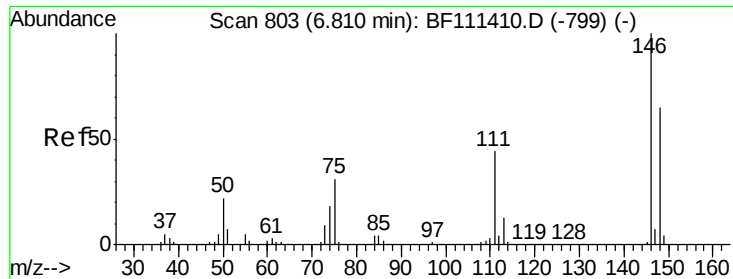
Tgt Ion: 93 Resp: 274678
Ion Ratio Lower Upper
93 100
63 82.7 60.0 100.0
95 32.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 28.606 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion: 146 Resp: 314521
Ion Ratio Lower Upper
146 100
148 64.0 52.1 78.1
75 26.2 23.9 35.9

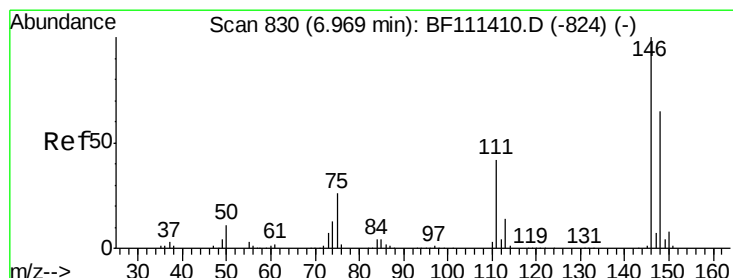
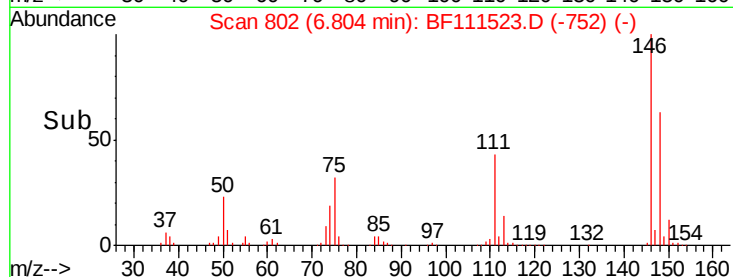
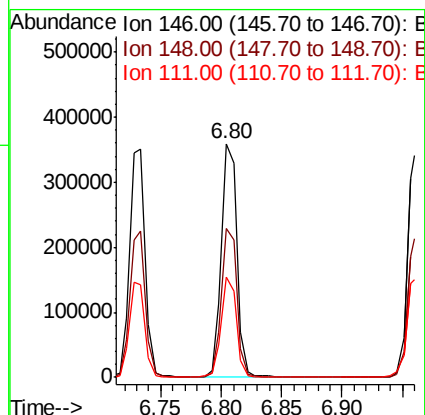
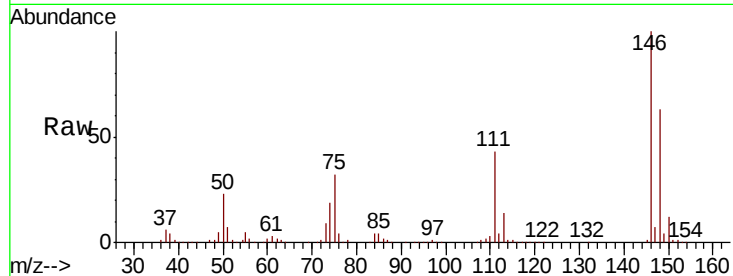




#13
 1,4-Dichlorobenzene
 Concen: 28.654 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

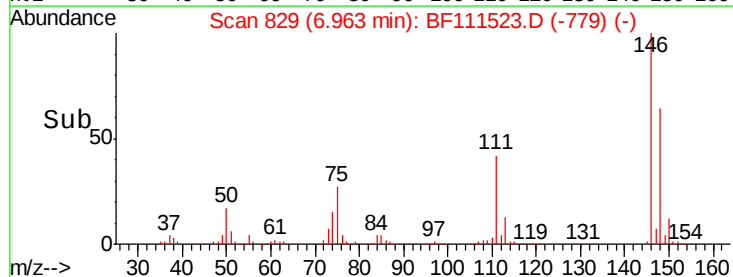
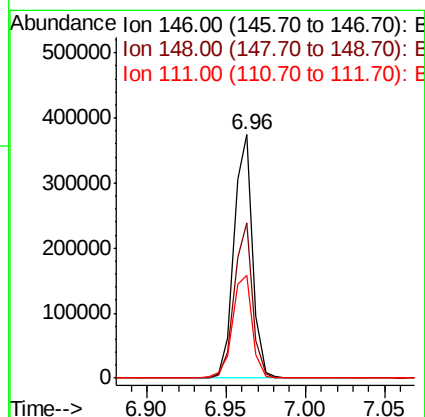
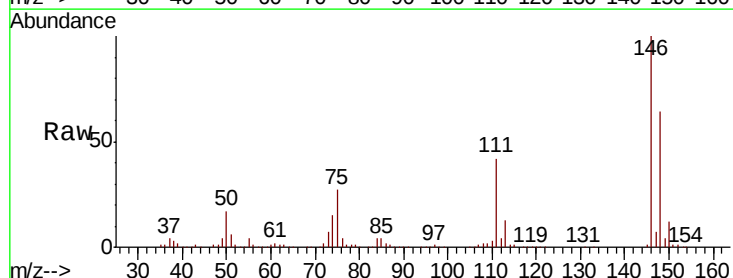
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

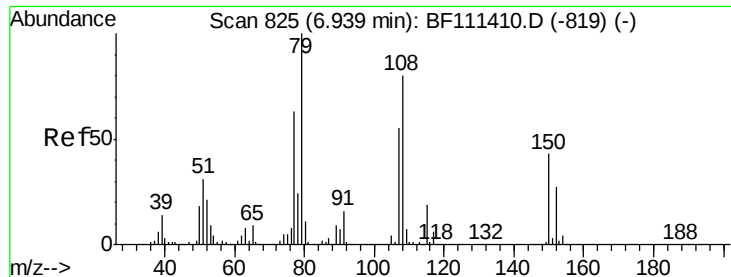
Tgt Ion:146 Resp: 319782
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.8 79.2
 111 42.8 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 28.939 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Tgt Ion:146 Resp: 303824
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 42.3 36.2 54.4





#15

Benzyl Alcohol

Concen: 28.842 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

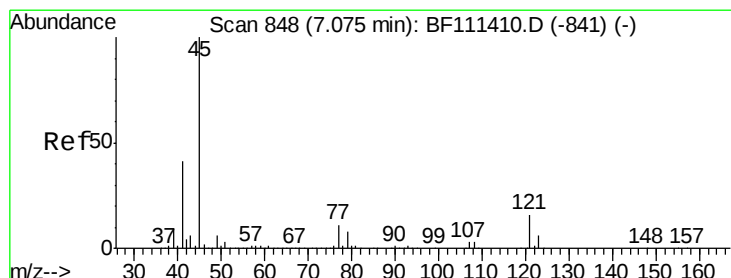
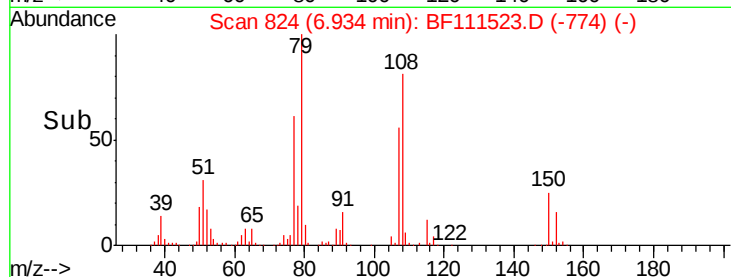
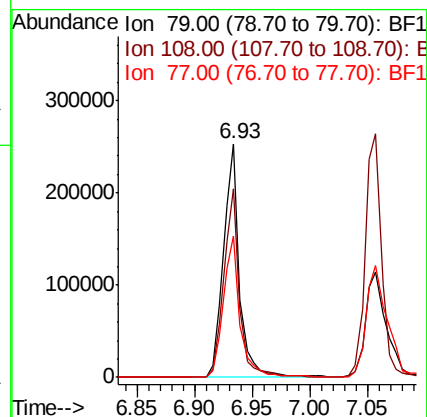
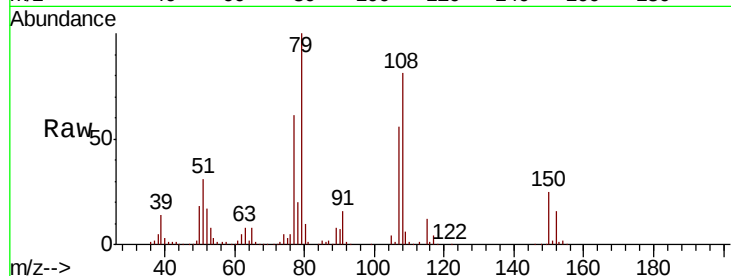
Tgt Ion: 79 Resp: 244027

Ion Ratio Lower Upper

79 100

108 80.6 69.4 104.2

77 60.5 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.746 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

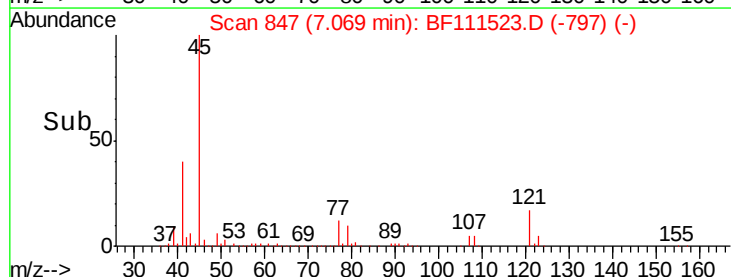
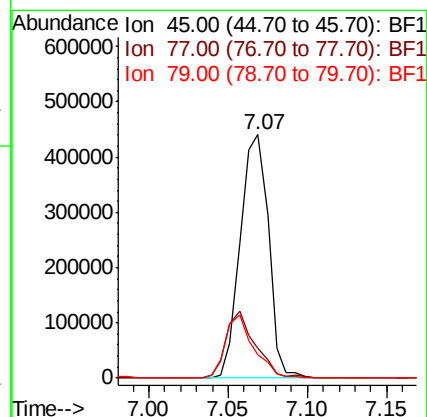
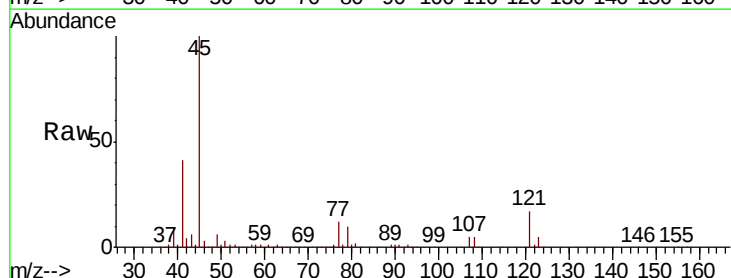
Tgt Ion: 45 Resp: 544996

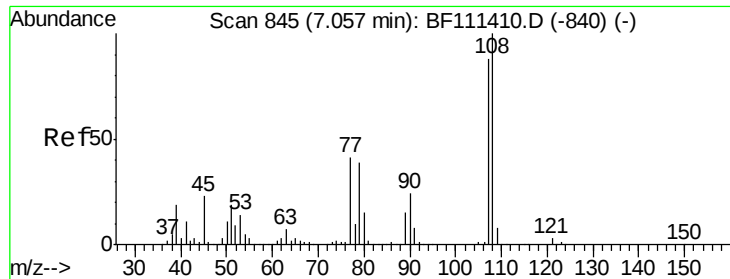
Ion Ratio Lower Upper

45 100

77 12.3 0.0 31.5

79 9.6 0.0 28.9

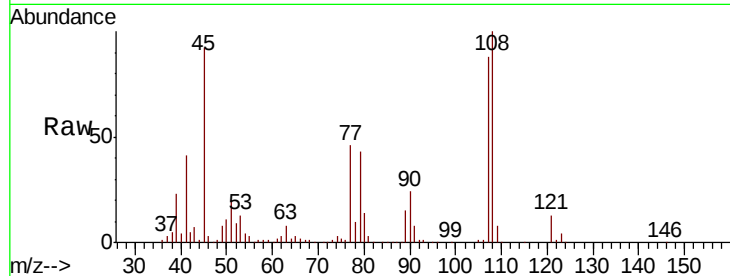




#17
2-Methylphenol
Concen: 28.329 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.0	136.4
77	52.4	33.5	50.3
79	49.4	33.3	49.9



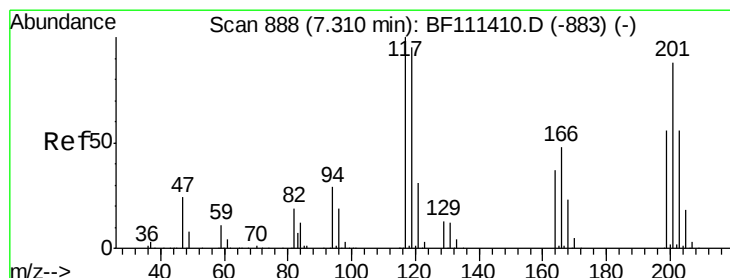
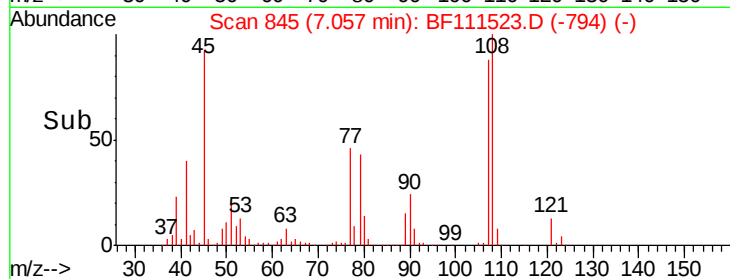
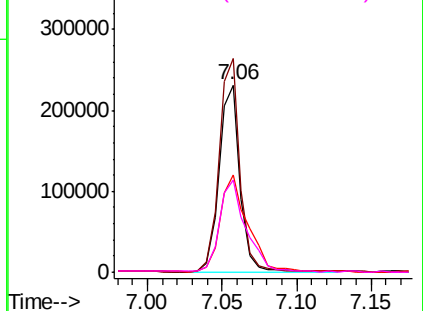
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

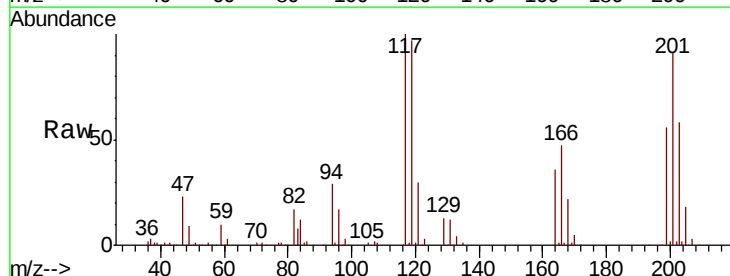
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 24.376 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.4	113.0
201	90.7	62.4	93.6

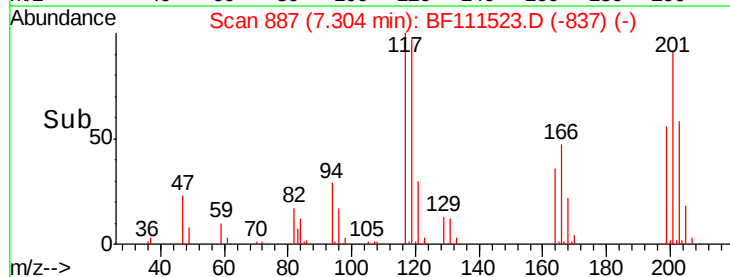
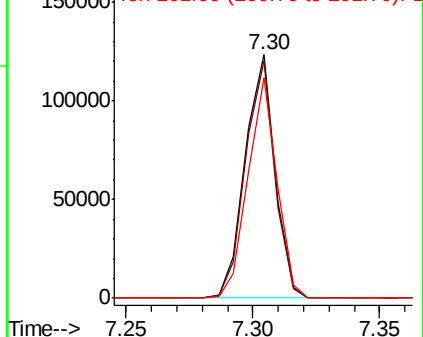


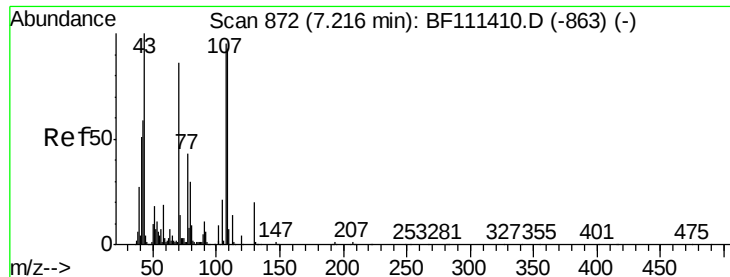
Abundance

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

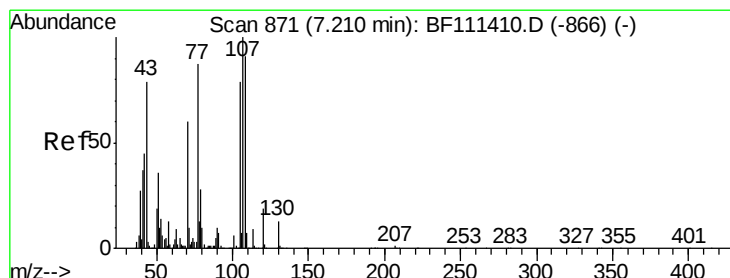
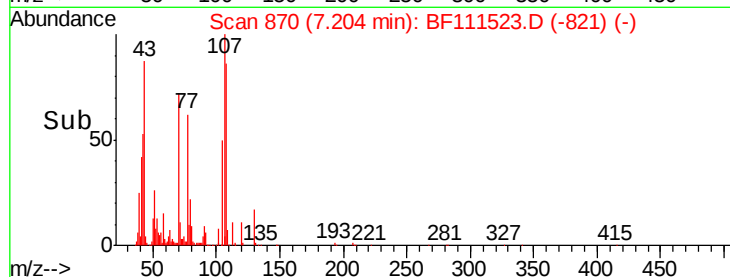
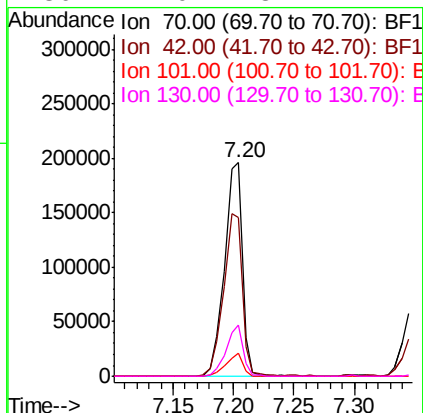
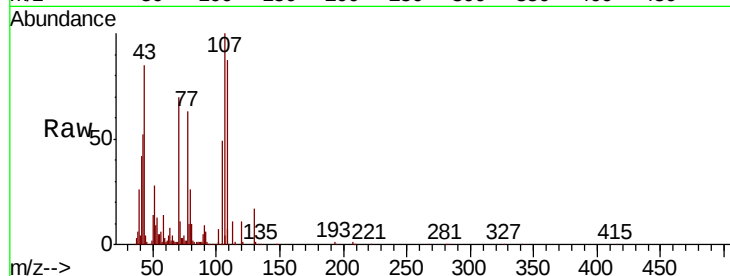




#19
n-Nitroso-di-n-propylamine
Concen: 27.552 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

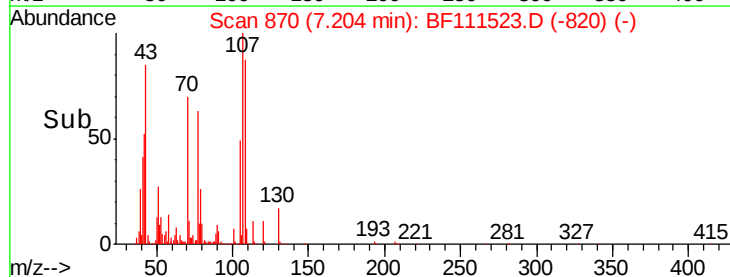
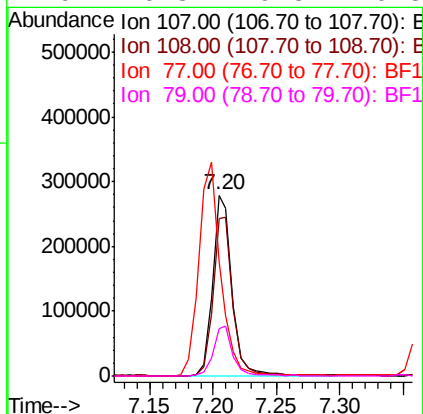
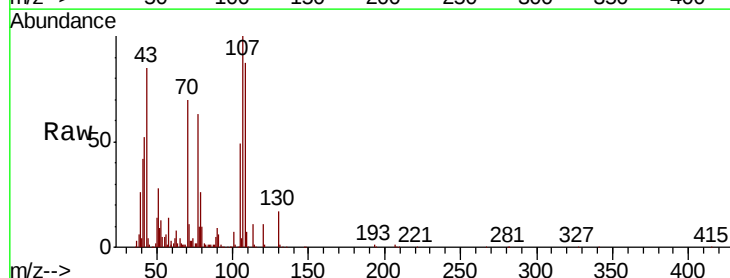
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

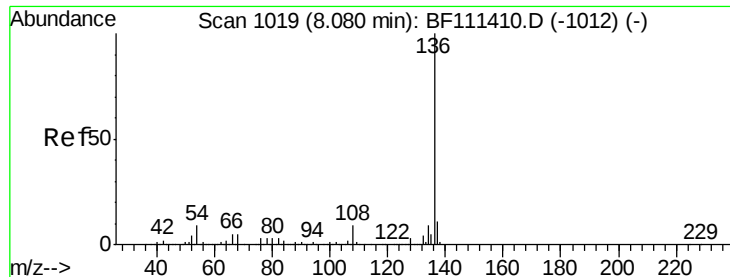
Tgt Ion:	70	Resp:	202119
Ion	Ratio	Lower	Upper
70	100		
42	74.2	53.2	79.8
101	10.6	8.2	12.4
130	24.0	18.1	27.1



#20
3+4-Methylphenols
Concen: 29.665 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion:	107	Resp:	299119
Ion	Ratio	Lower	Upper
107	100		
108	87.0	72.1	112.1
77	63.1	94.1	134.1#
79	26.3	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:136 Resp: 545688

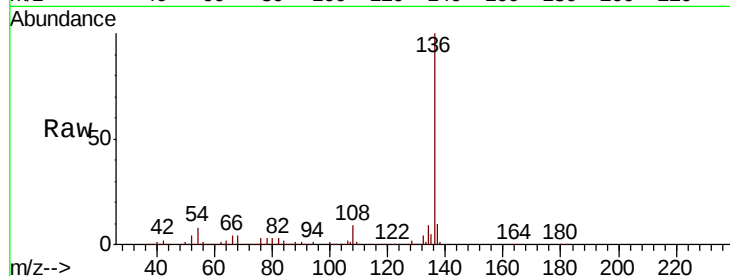
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 8.5 7.7 11.5

68 4.2 4.9 7.3#

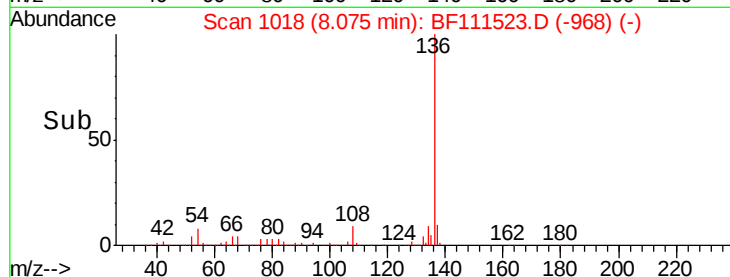


Abundance Ion 136.00 (135.70 to 136.70): E

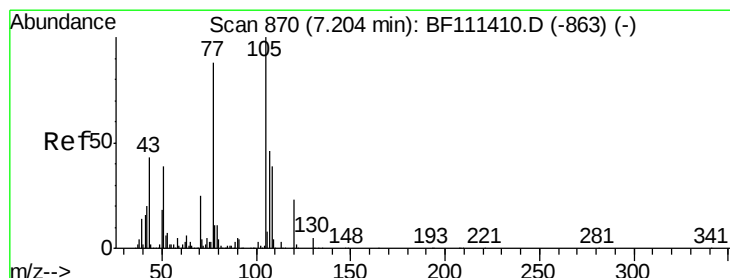
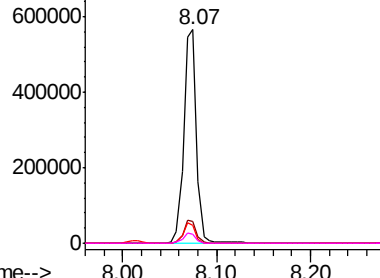
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 33.889 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Tgt Ion:105 Resp: 412819

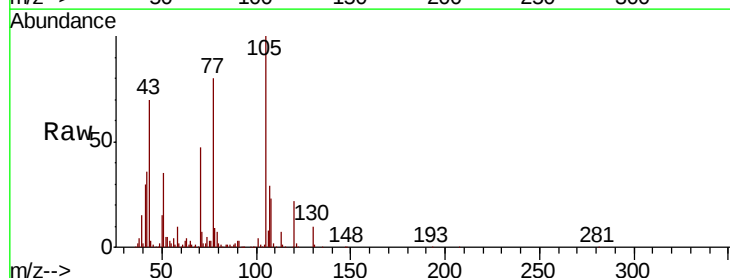
Ion Ratio Lower Upper

105 100

71 7.5 3.1 4.7#

51 34.7 36.6 54.8#

120 22.0 18.2 27.4

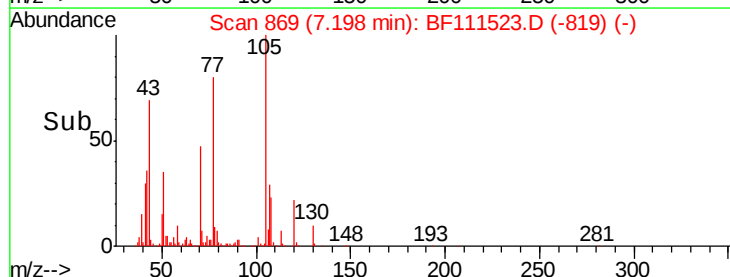


Abundance Ion 105.00 (104.70 to 105.70): E

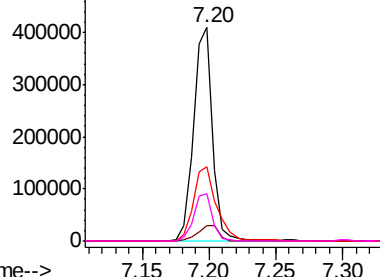
Ion 71.00 (70.70 to 71.70): BF1

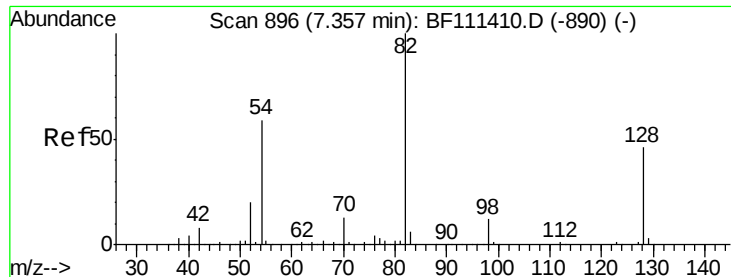
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

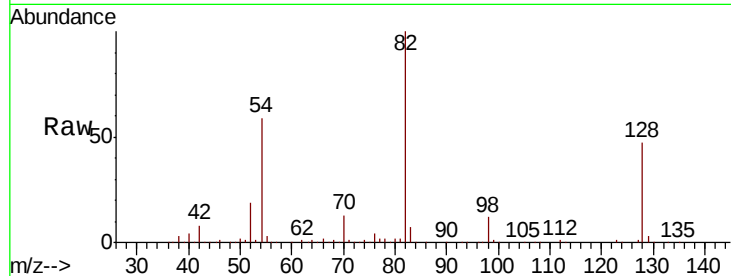




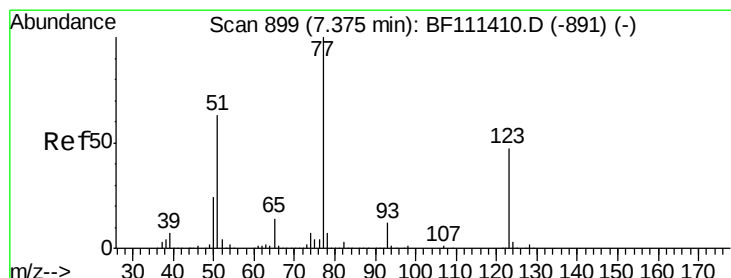
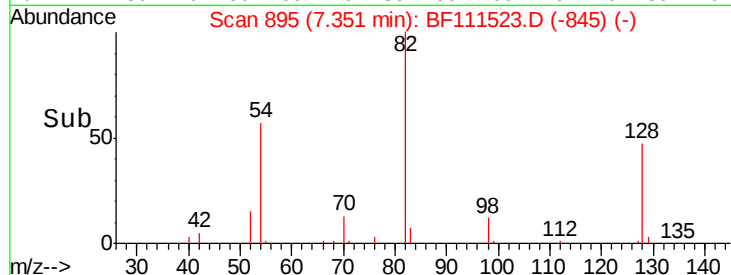
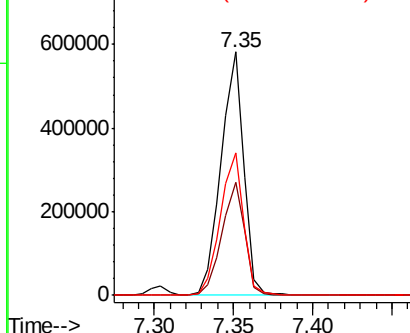
#23
Nitrobenzene-d5
Concen: 63.200 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 82 Resp: 579144
Ion Ratio Lower Upper
82 100
128 46.6 37.4 56.2
54 58.7 47.6 71.4

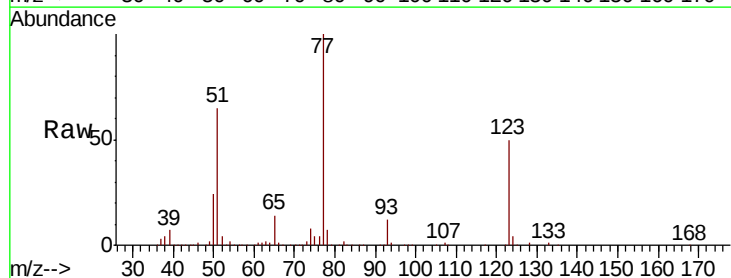


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

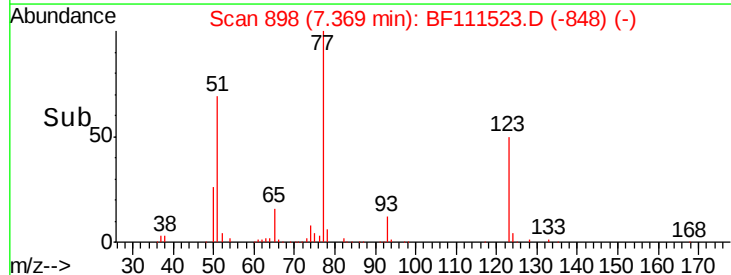
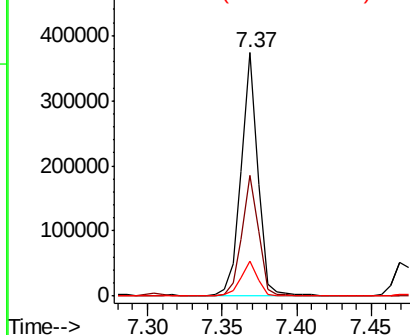


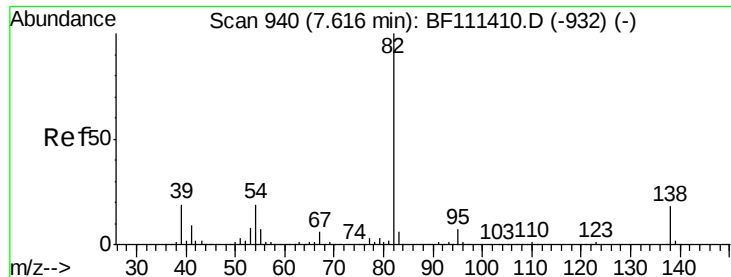
#24
Nitrobenzene
Concen: 31.003 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion: 77 Resp: 289820
Ion Ratio Lower Upper
77 100
123 49.9 37.2 55.8
65 14.2 11.5 17.3



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





#25

Isophorone

Concen: 34.713 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

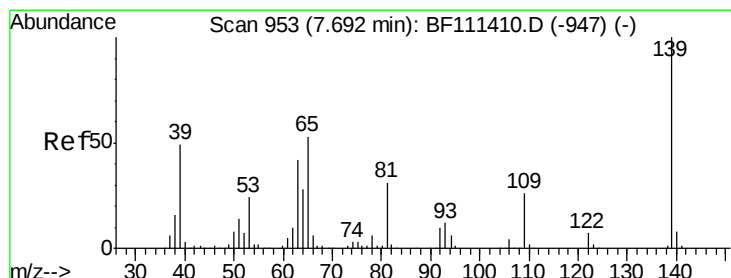
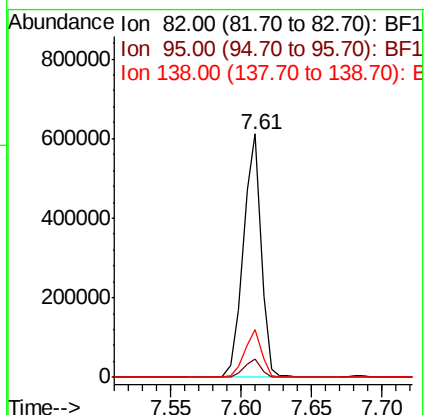
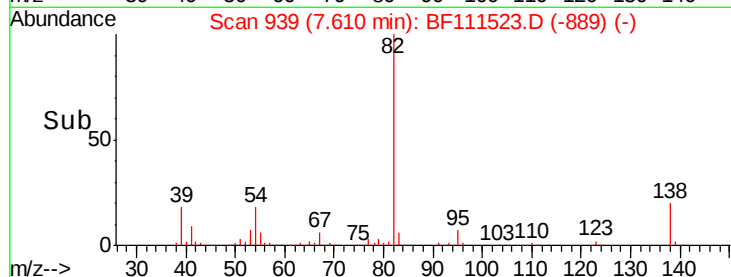
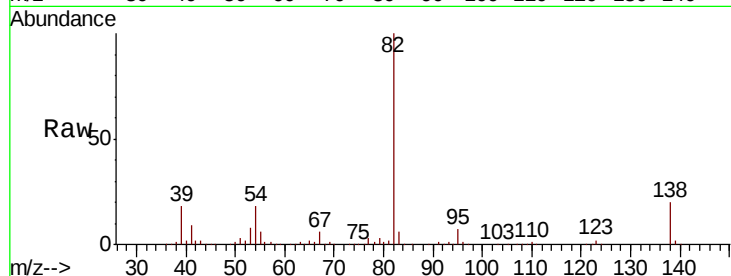
Tgt Ion: 82 Resp: 538228

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 19.5 15.1 22.7



#26

2-Nitrophenol

Concen: 26.342 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

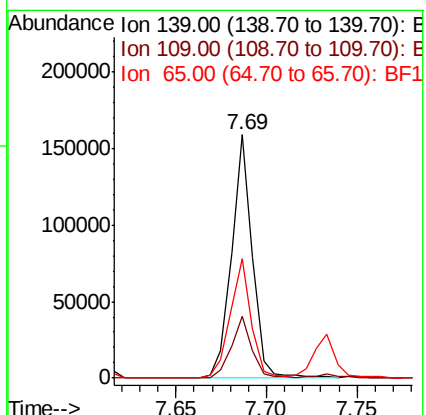
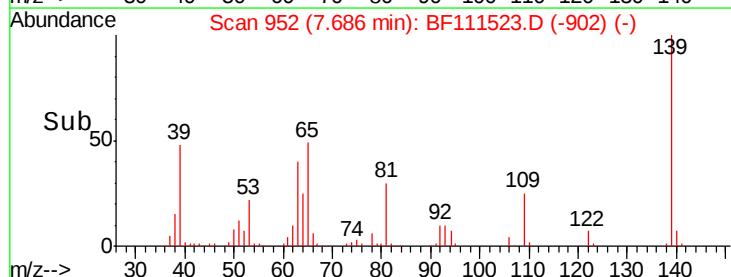
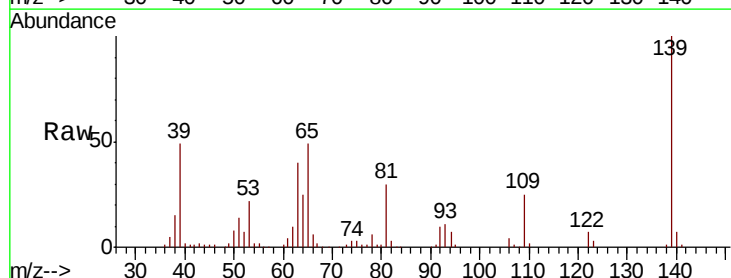
Tgt Ion: 139 Resp: 127702

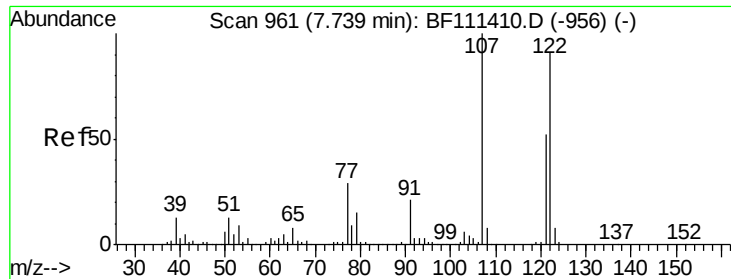
Ion Ratio Lower Upper

139 100

109 25.3 20.2 30.4

65 48.9 40.7 61.1

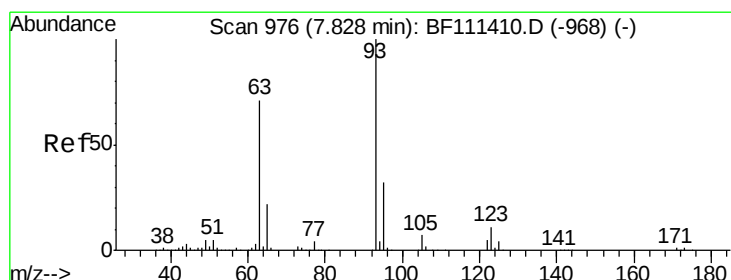
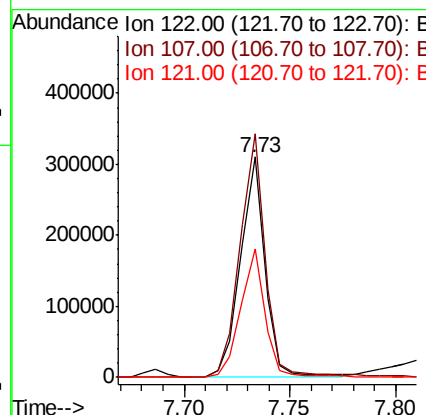
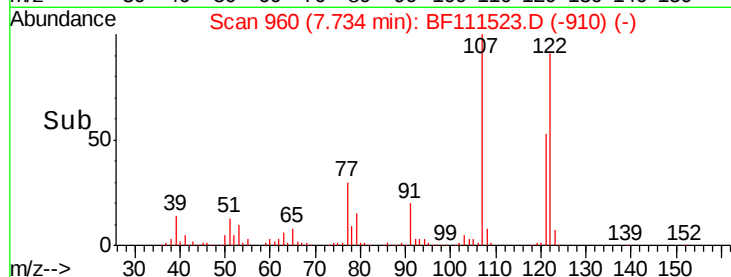
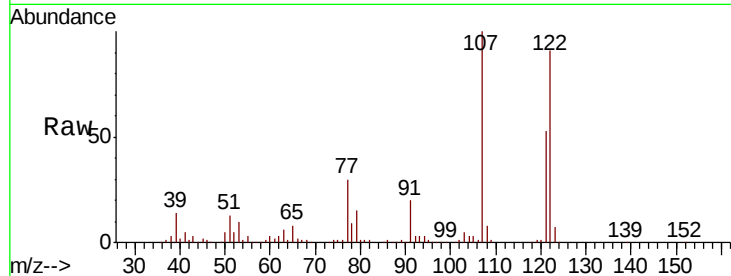




#27
2,4-Dimethylphenol
Concen: 35.612 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

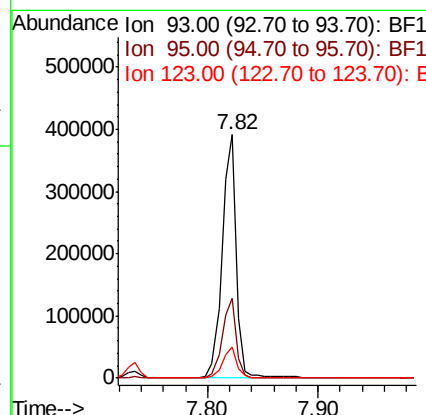
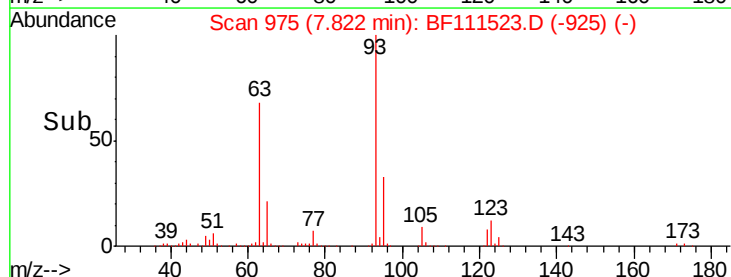
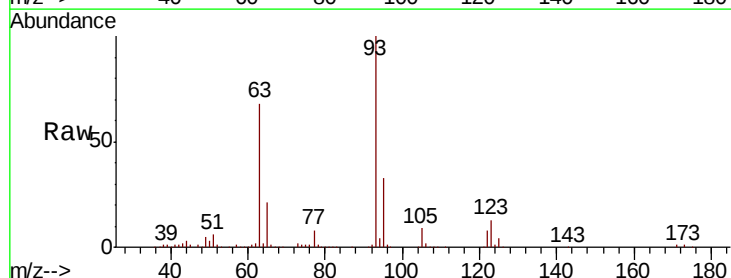
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

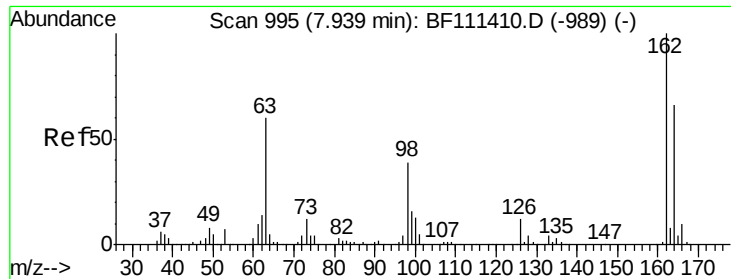
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.5	85.5	128.3
121	58.2	46.6	70.0



#28
bis(2-Chloroethoxy)methane
Concen: 32.285 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.1	40.7
123	12.6	9.9	14.9

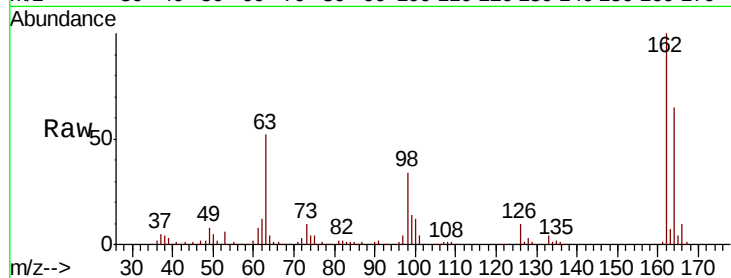




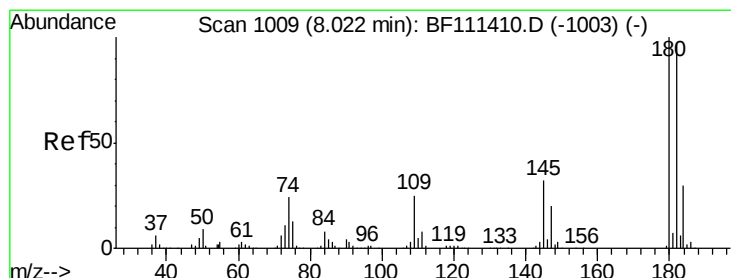
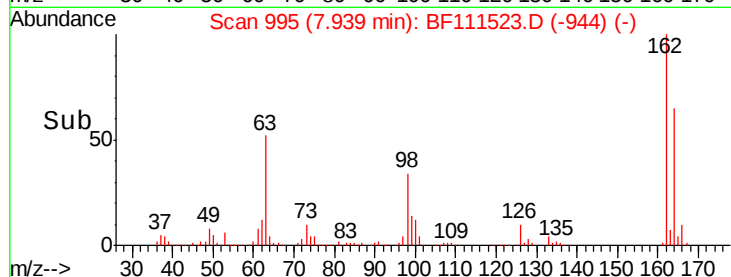
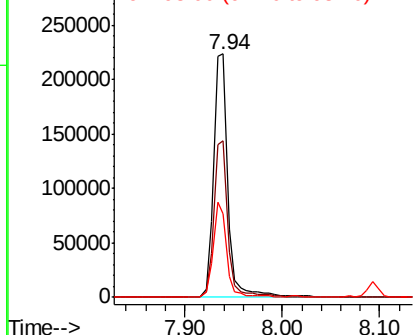
#29
2,4-Dichlorophenol
Concen: 30.499 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.4	84.4
98	34.2	20.3	60.3

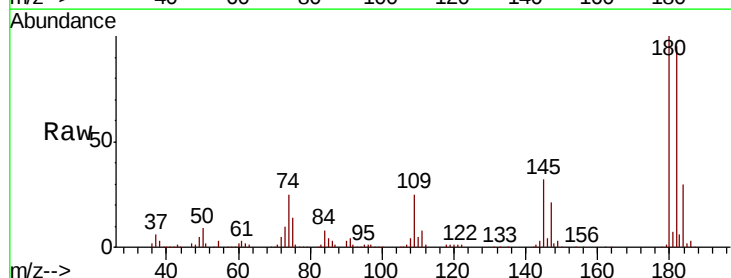


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

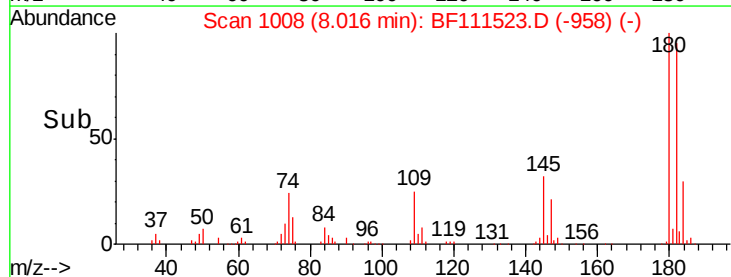
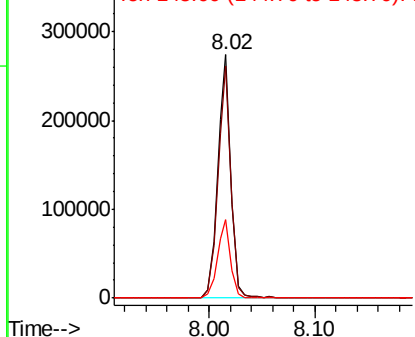


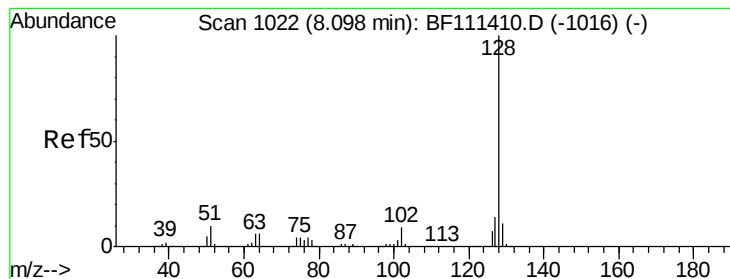
#30
1,2,4-Trichlorobenzene
Concen: 30.617 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.6	113.4
145	32.3	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

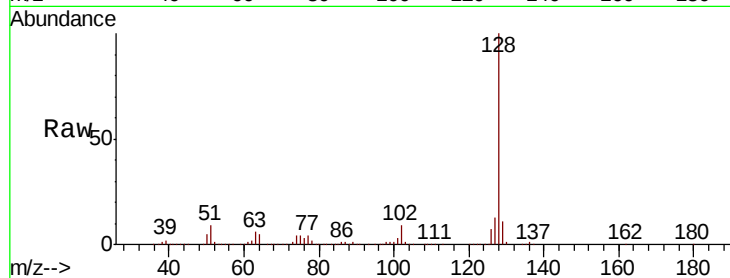




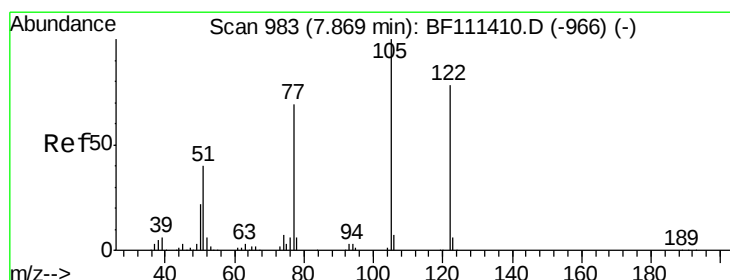
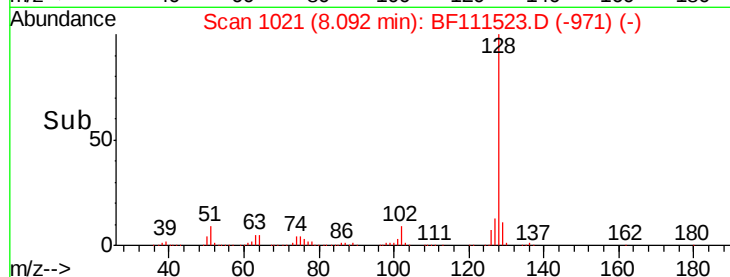
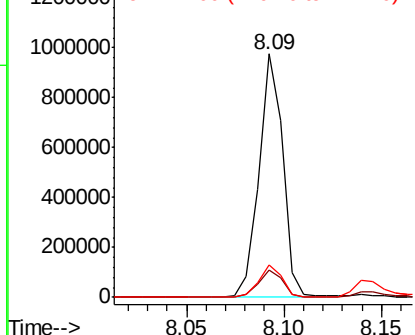
#31
Naphthalene
Concen: 32.375 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion:128 Resp: 826300
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.2 12.0 18.0

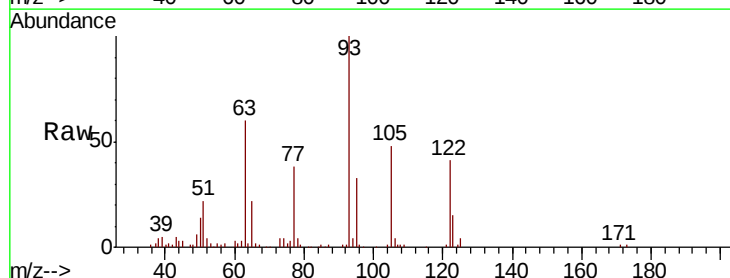


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

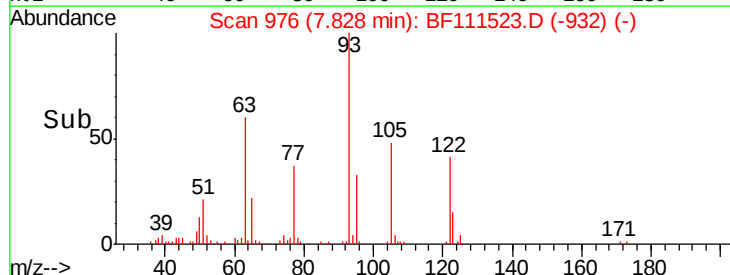
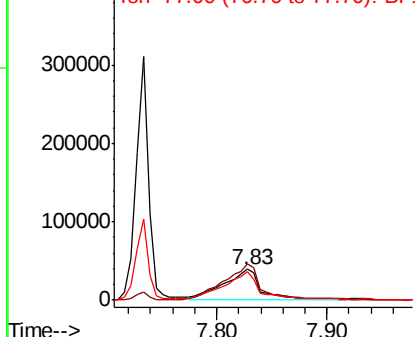


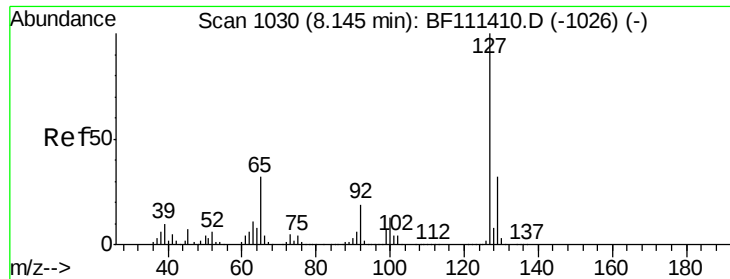
#32
Benzoic acid
Concen: 14.847 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.04 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion:122 Resp: 90170
Ion Ratio Lower Upper
122 100
105 116.5 97.0 137.0
77 91.5 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

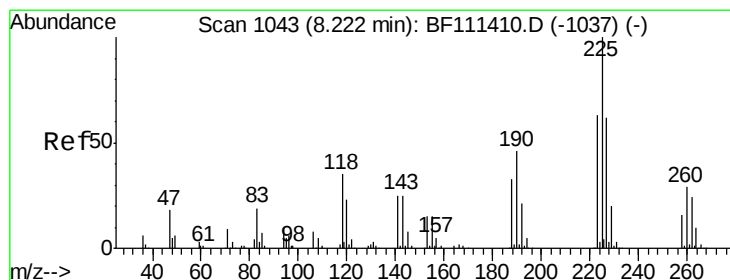
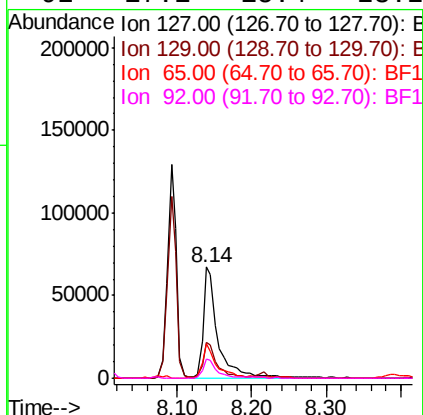
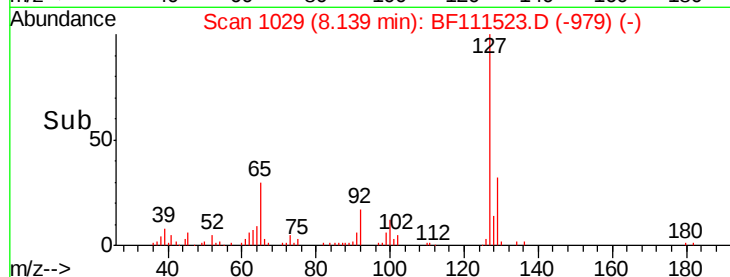
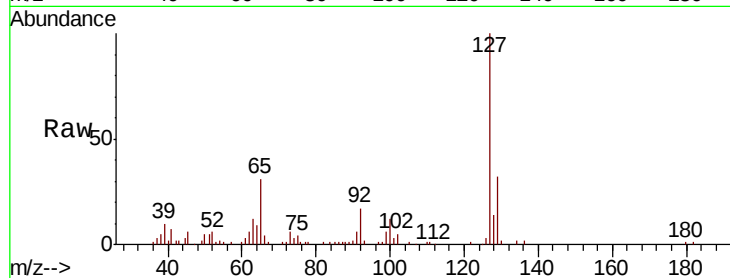




#33
4-Chloroaniline
Concen: 8.327 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

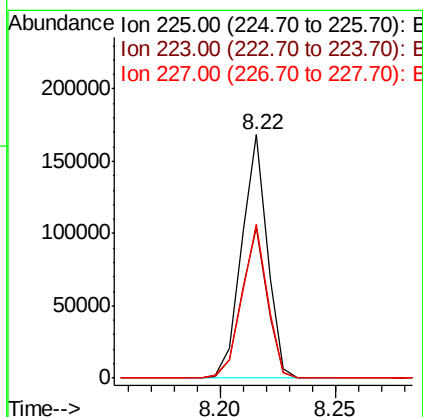
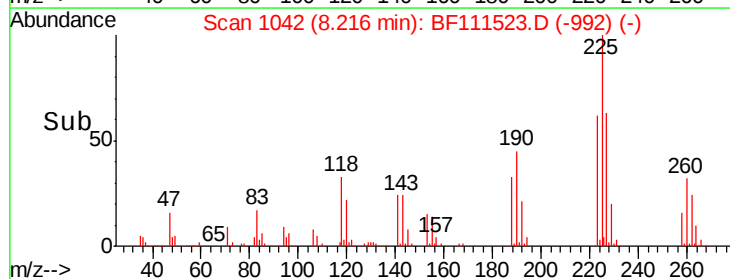
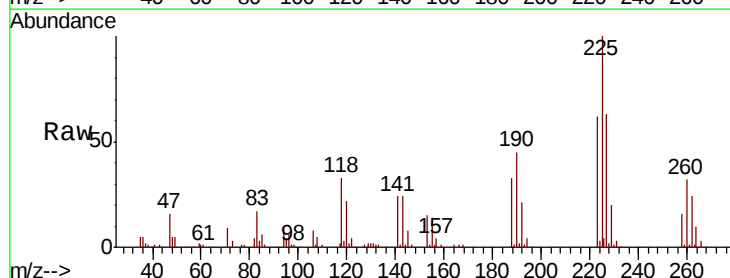
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

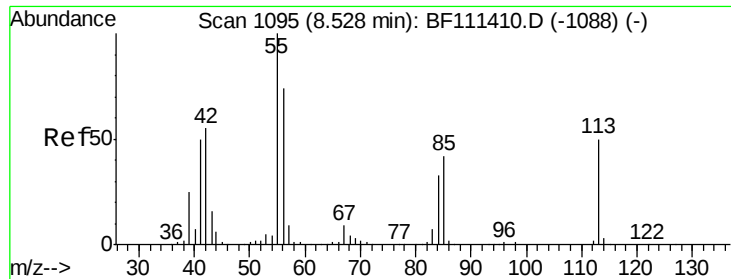
Tgt Ion:	127	Resp:	94508
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	31.3	25.7	38.5
92	17.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 30.214 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion:	225	Resp:	130734
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.7	76.1
227	63.5	52.6	78.8

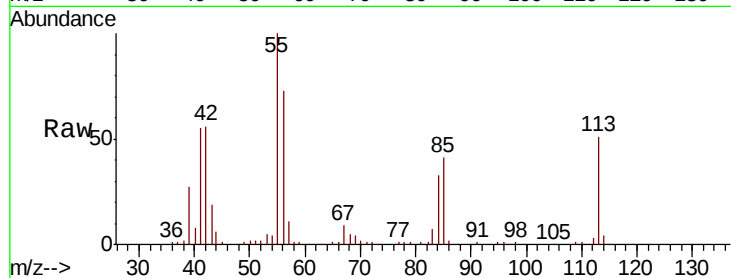




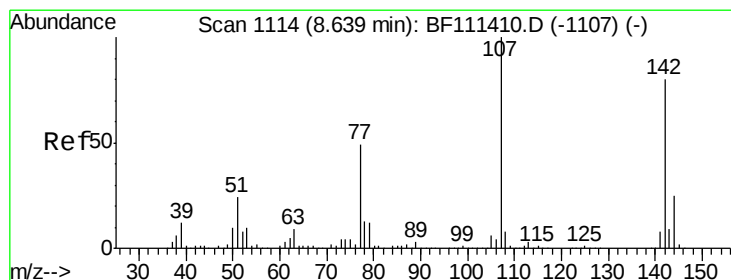
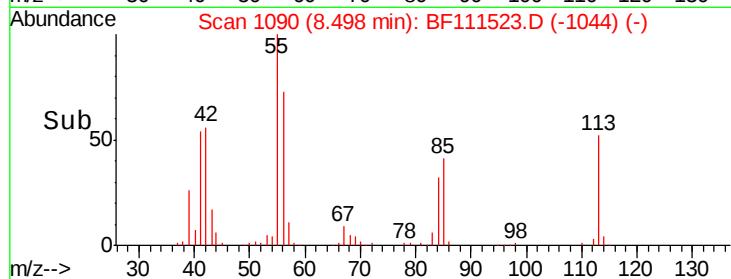
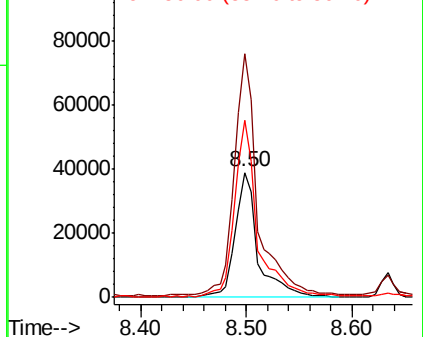
#35
 Caprolactam
 Concen: 20.771 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.03 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion:113 Resp: 57859
 Ion Ratio Lower Upper
 113 100
 55 194.5 184.1 224.1
 56 141.0 126.0 166.0

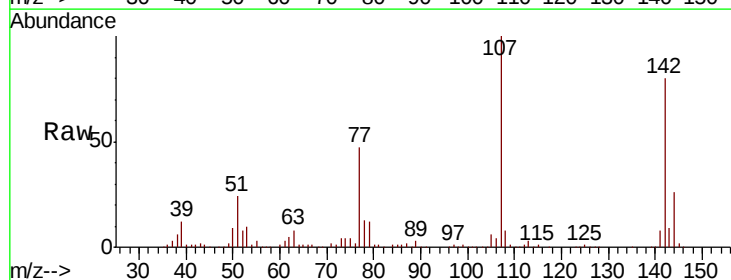


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

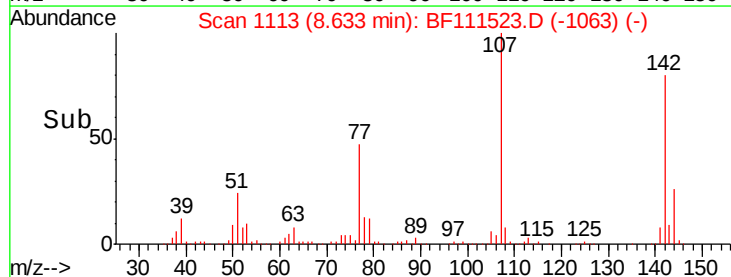
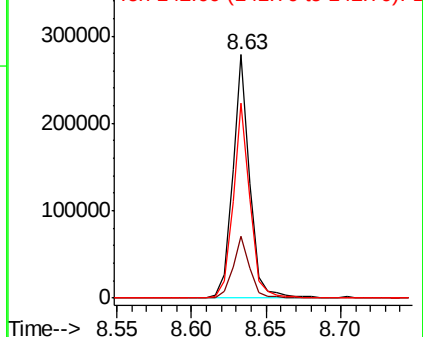


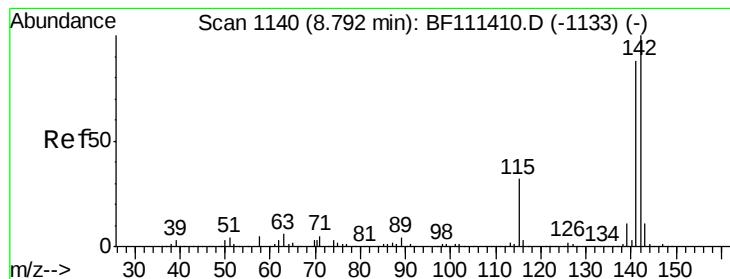
#36
 4-Chloro-3-methylphenol
 Concen: 27.184 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Tgt Ion:107 Resp: 224489
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.8 29.6
 142 80.2 62.3 93.5



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





#37

2-Methylnaphthalene

Concen: 31.767 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

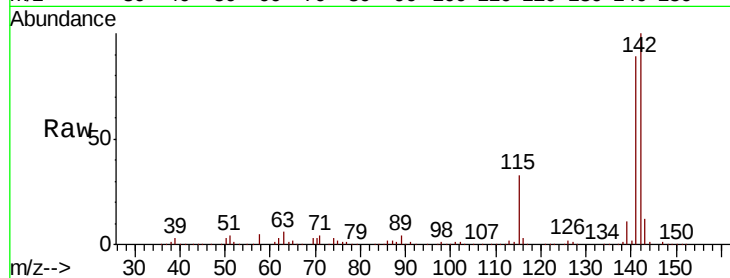
Tgt Ion:142 Resp: 548652

Ion Ratio Lower Upper

142 100

141 88.8 70.6 105.8

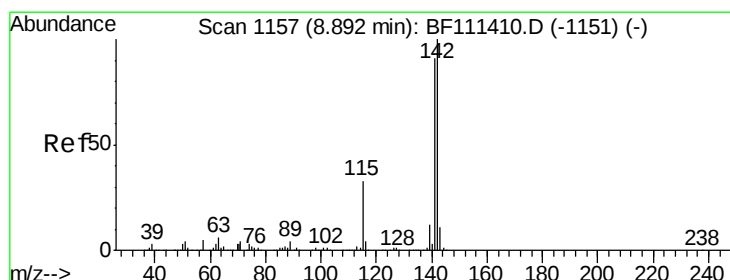
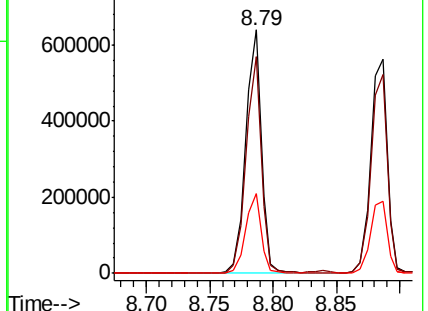
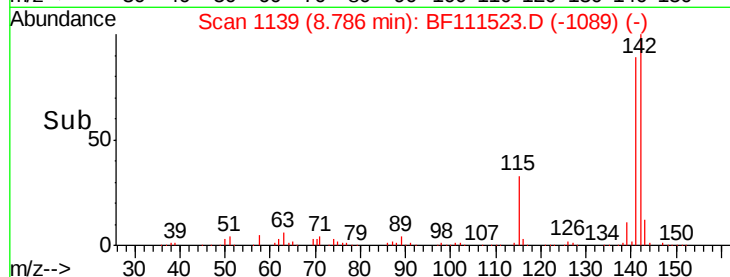
115 32.5 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 30.431 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

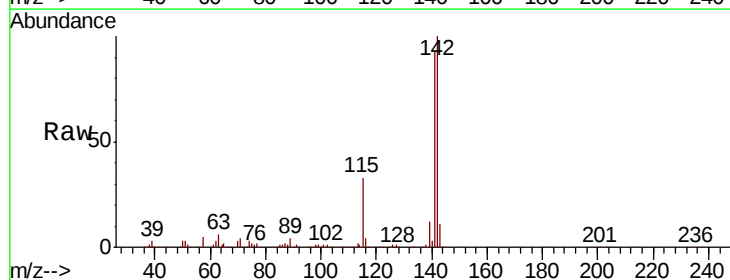
Tgt Ion:142 Resp: 507746

Ion Ratio Lower Upper

142 100

141 93.2 74.2 111.4

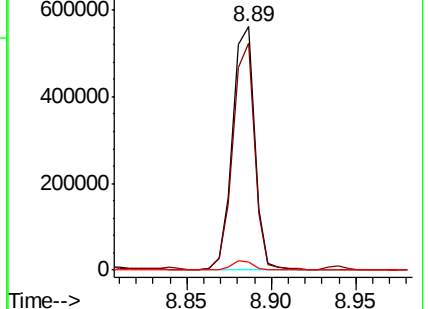
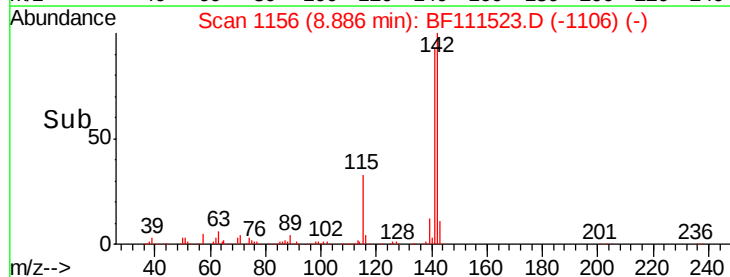
116 3.6 2.9 4.3

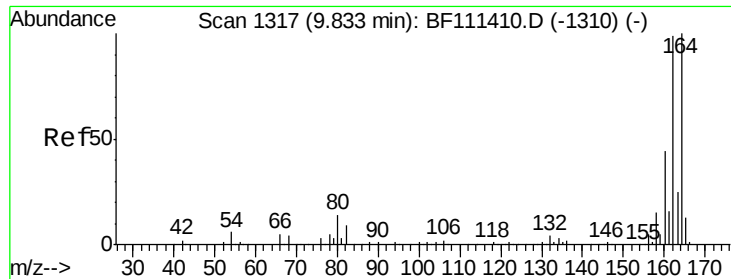


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

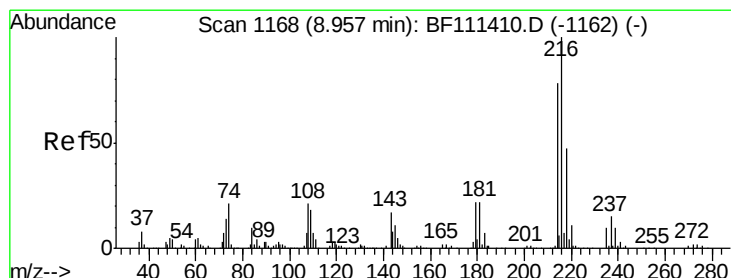
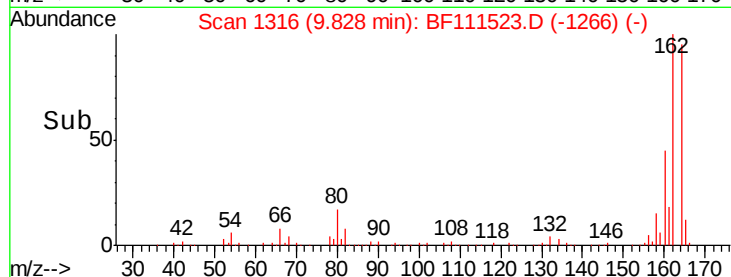
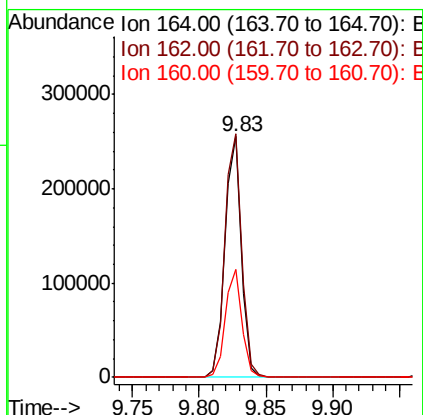
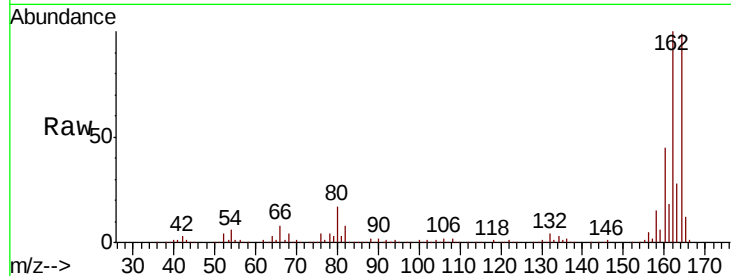




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

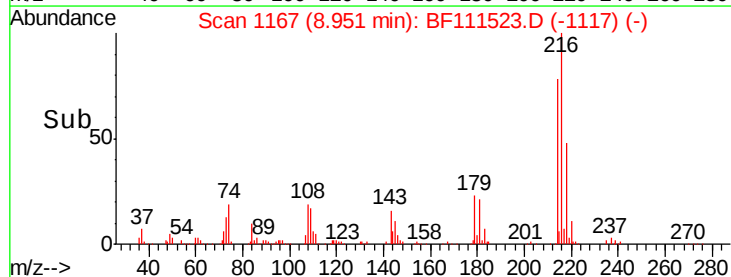
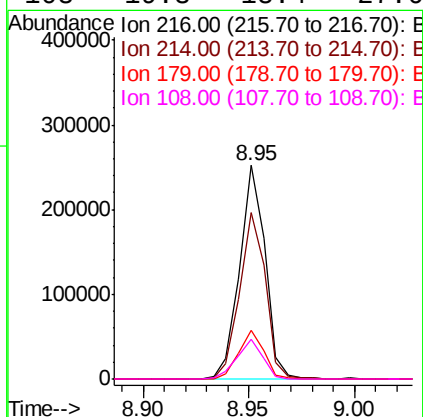
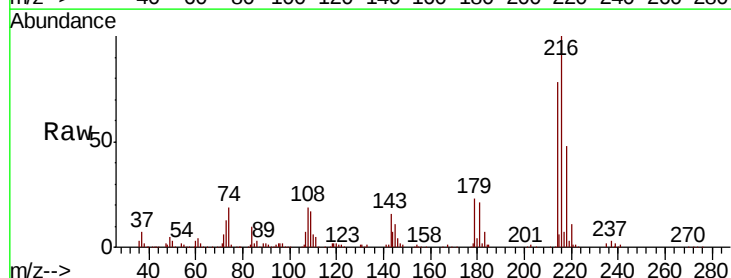
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

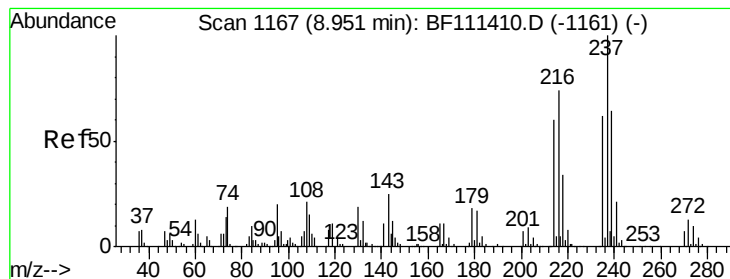
Tgt Ion:164 Resp: 222730
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 45.0 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.472 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion:216 Resp: 210563
Ion Ratio Lower Upper
216 100
214 78.6 63.8 95.8
179 22.5 17.9 26.9
108 19.3 18.4 27.6





#41

Hexachlorocyclopentadiene

Concen: 16.247 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

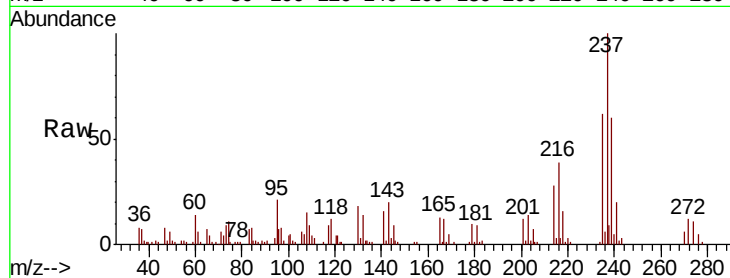
Instrument :

BNA_F

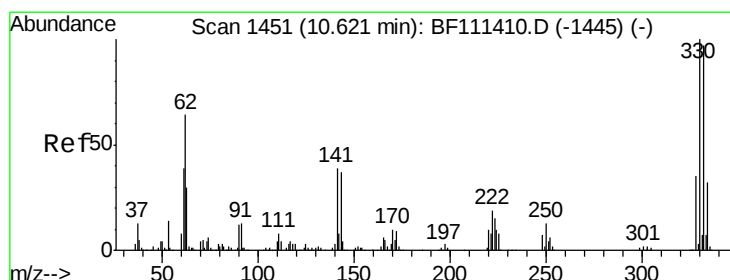
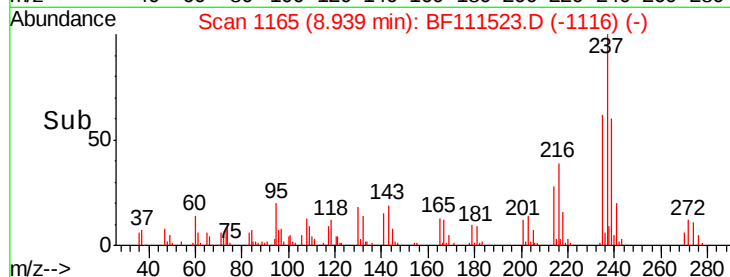
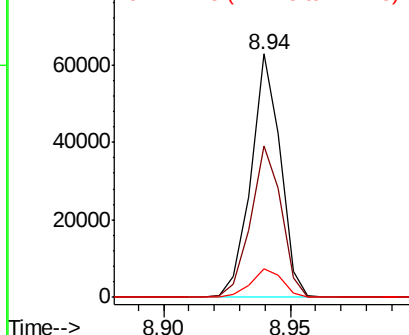
ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	237	Resp:	50951
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.1	83.1
272	11.6	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: 69.246 ng

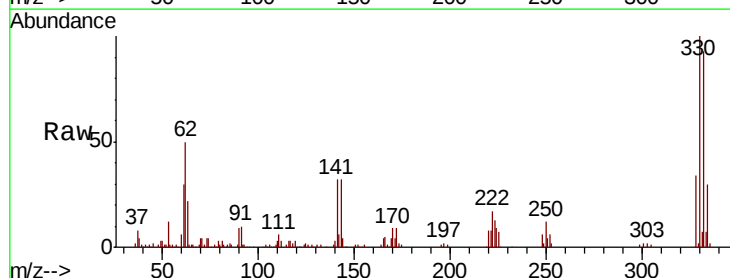
RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

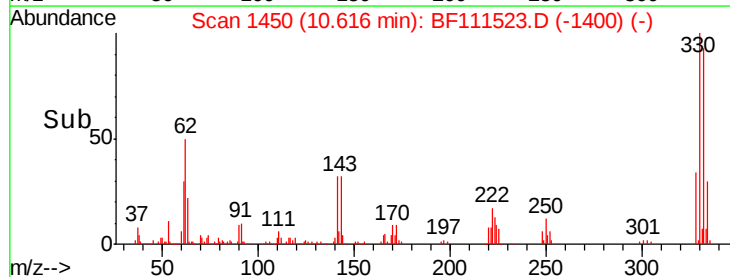
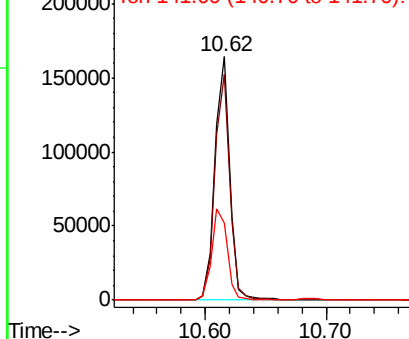
Lab File: BF111523.D

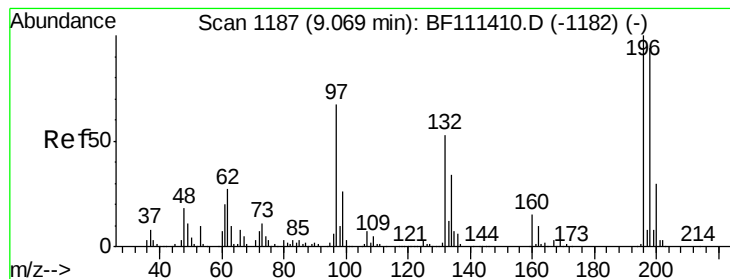
Acq: 16 Dec 2018 22:15

Tgt Ion:	330	Resp:	138158
Ion Ratio	Lower	Upper	
330	100		
332	93.3	76.0	114.0
141	39.7	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: 29.911 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

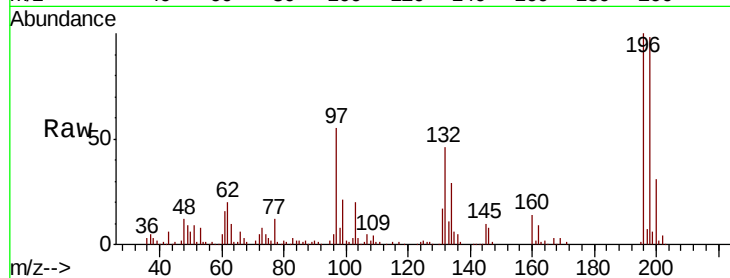
Tgt Ion:196 Resp: 129307

Ion Ratio Lower Upper

196 100

198 98.1 76.3 114.5

200 30.6 24.9 37.3

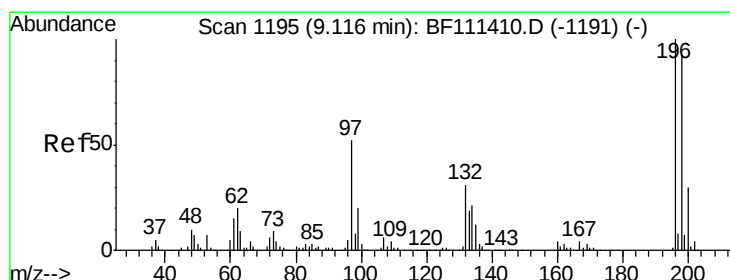
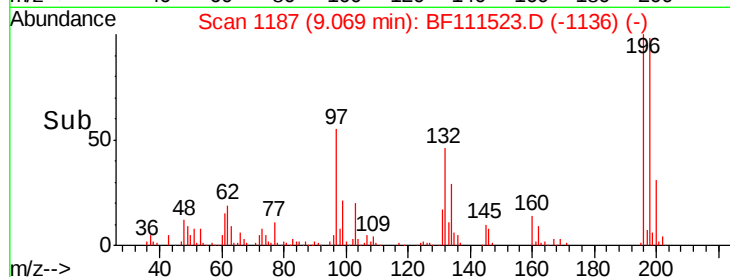
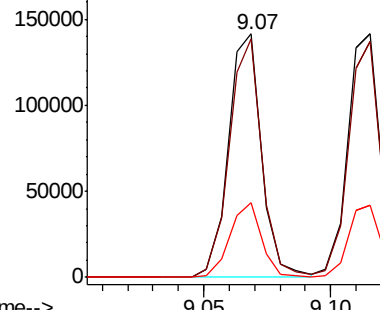


Abundance

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: 29.326 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Tgt Ion:196 Resp: 134907

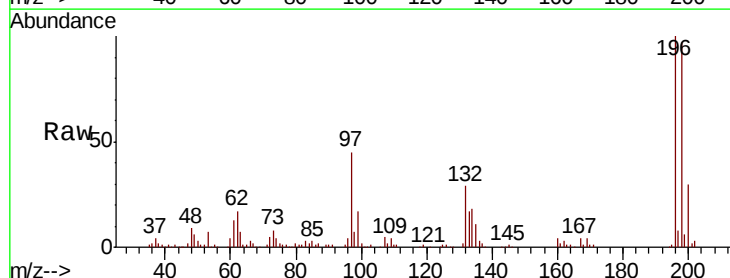
Ion Ratio Lower Upper

196 100

198 96.7 72.9 109.3

97 44.8 45.3 67.9#

132 28.9 25.5 38.3



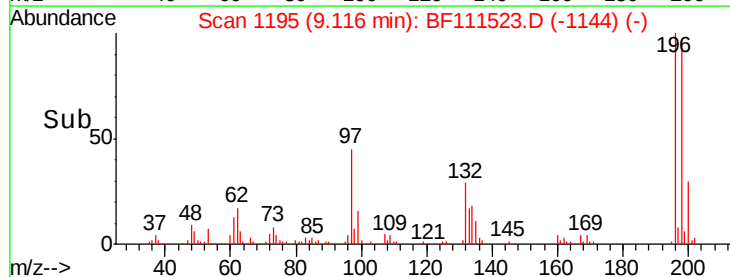
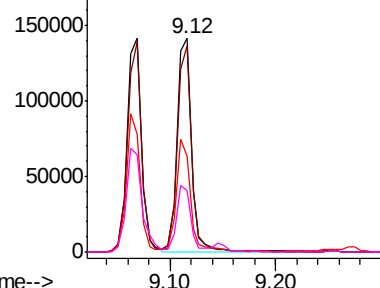
Abundance

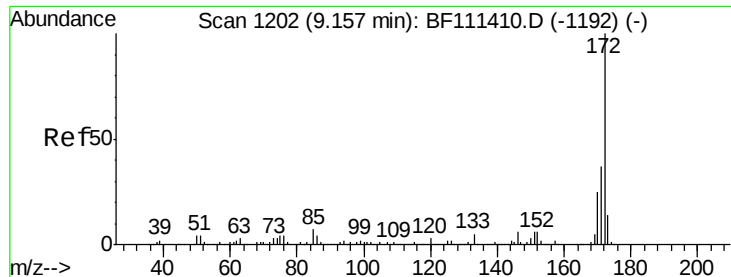
Ion 196.00 (195.70 to 196.70): E

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

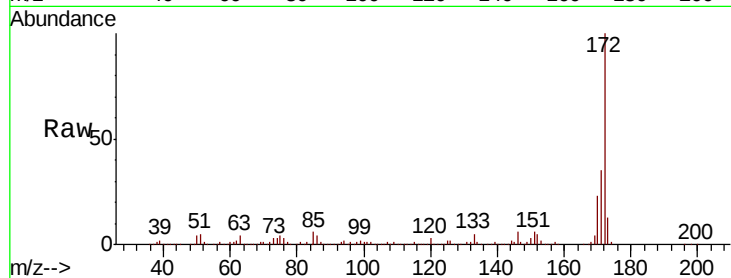




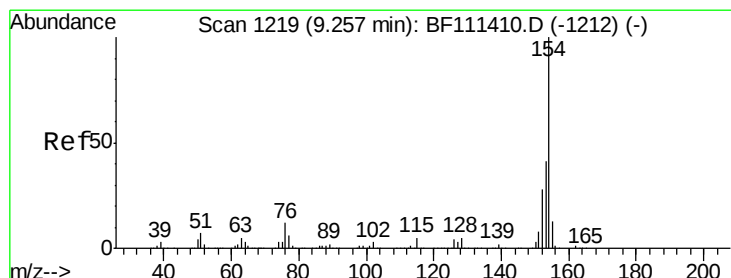
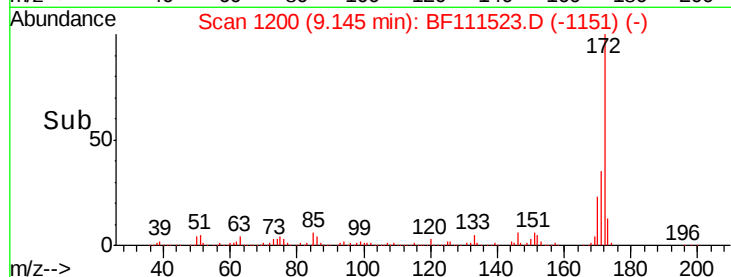
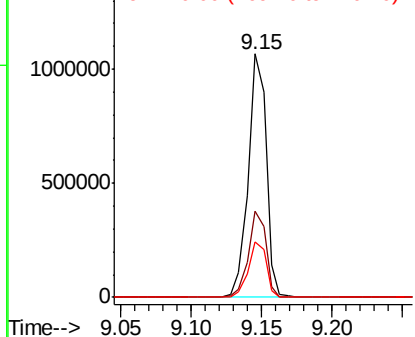
#45
 2-Fluorobiphenyl
 Concen: 66.423 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion:172 Resp: 957790
 Ion Ratio Lower Upper
 172 100
 171 35.2 33.0 49.4
 170 23.0 22.3 33.5

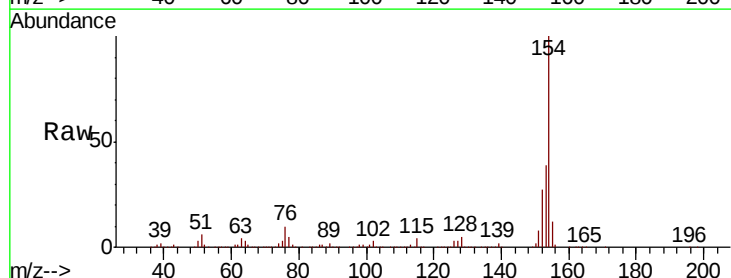


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

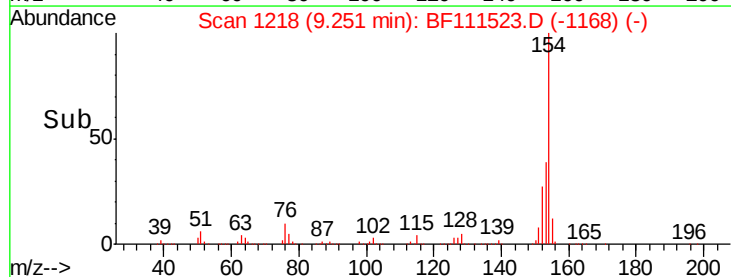
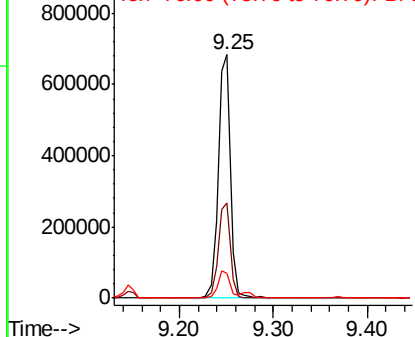


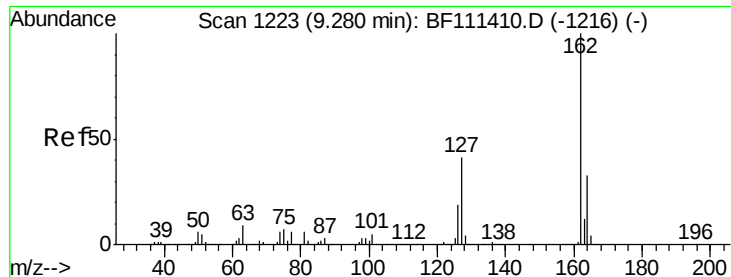
#46
 1,1'-Biphenyl
 Concen: 32.744 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Tgt Ion:154 Resp: 617947
 Ion Ratio Lower Upper
 154 100
 153 38.9 23.7 63.7
 76 10.0 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

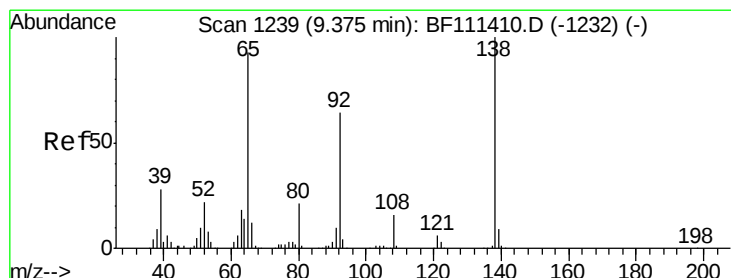
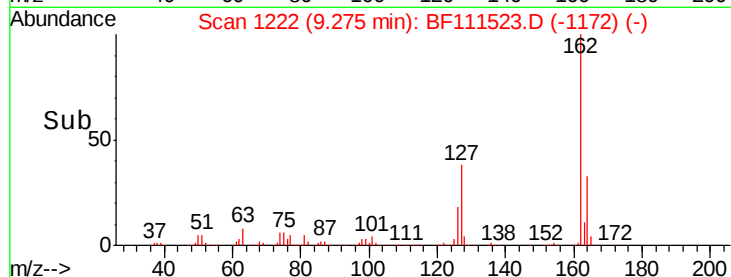
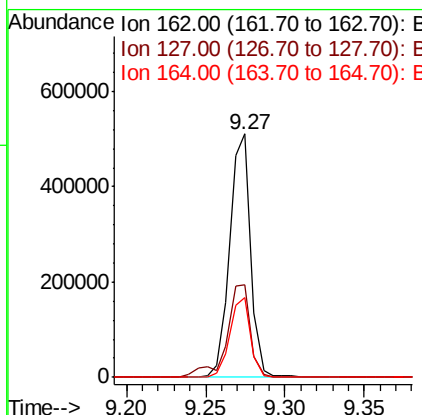
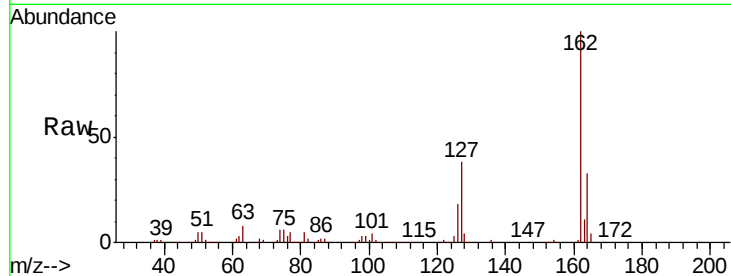




#47
 2-Chloronaphthalene
 Concen: 32.723 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

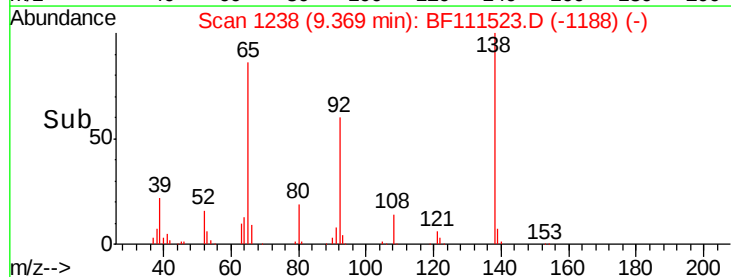
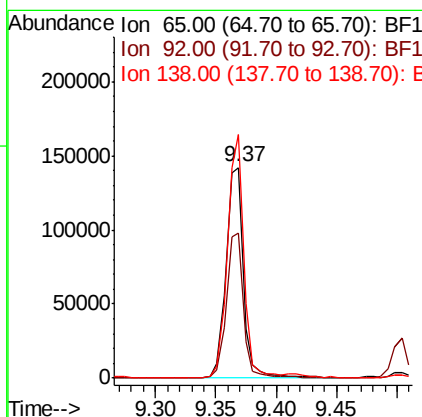
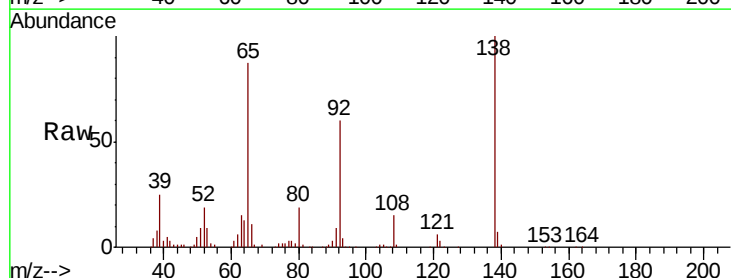
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

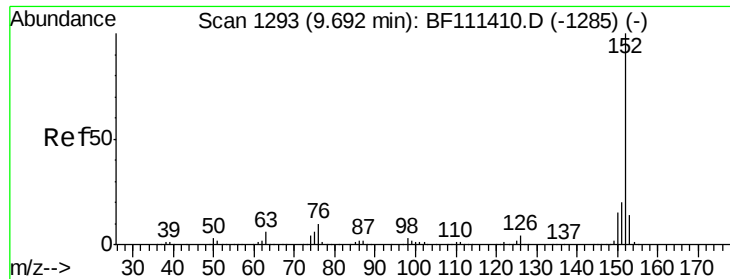
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	35.0	52.4
164	32.6	28.4	42.6



#48
 2-Nitroaniline
 Concen: 30.907 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.5	80.3
138	115.4	80.9	121.3





#49

Acenaphthylene

Concen: 32.700 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

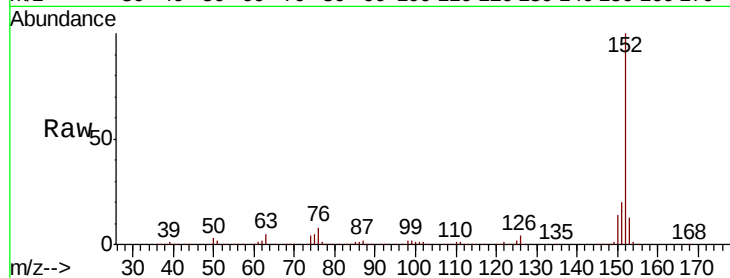
Tgt Ion:152 Resp: 696295

Ion Ratio Lower Upper

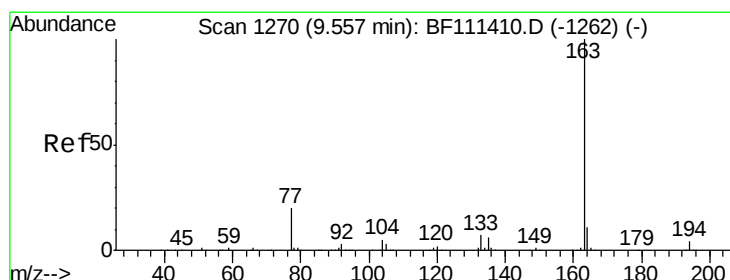
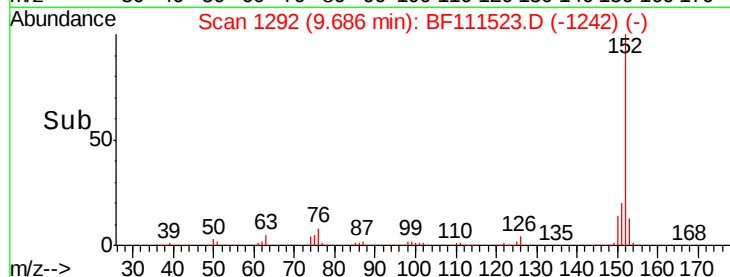
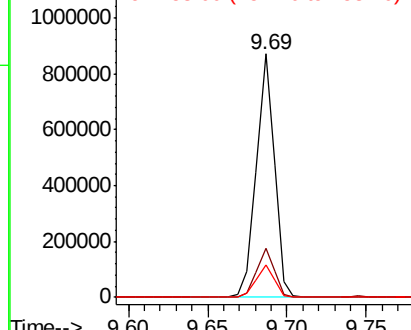
152 100

151 20.1 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: 37.591 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

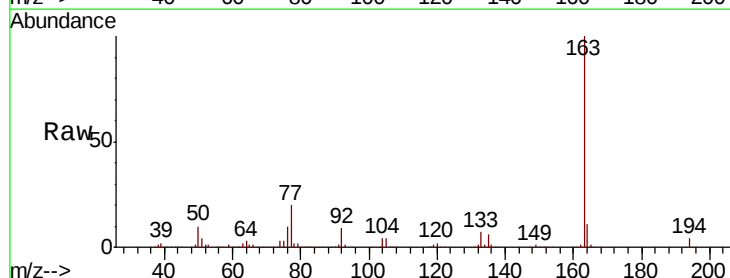
Tgt Ion:163 Resp: 602975

Ion Ratio Lower Upper

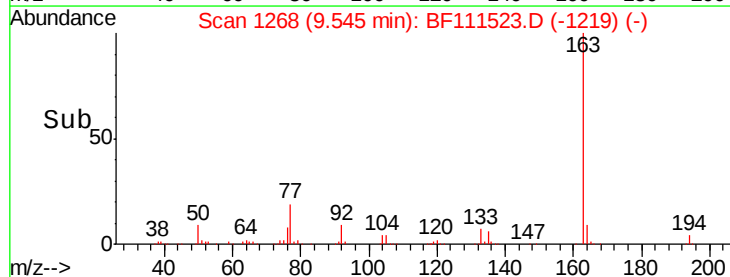
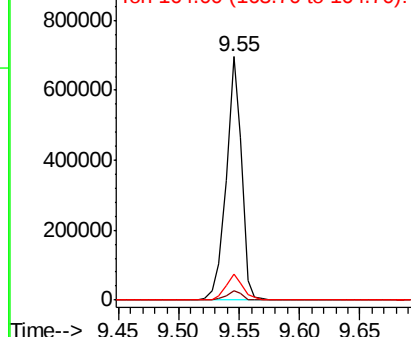
163 100

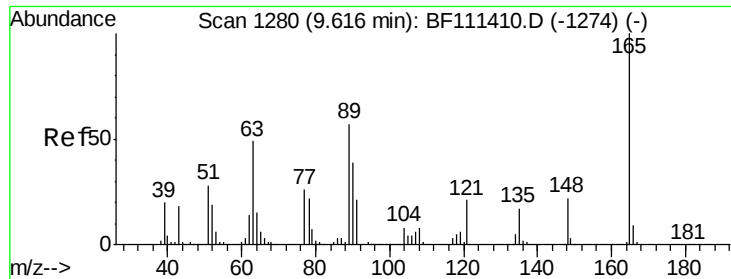
194 3.8 3.0 4.6

164 10.7 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: 30.803 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

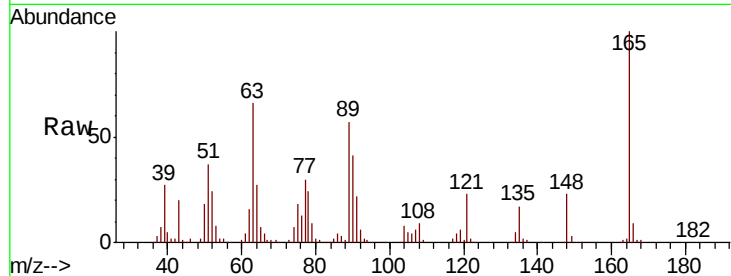
Tgt Ion:165 Resp: 111216

Ion Ratio Lower Upper

165 100

63 66.2 40.5 60.7#

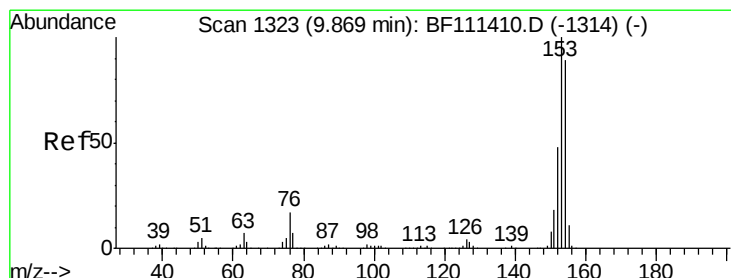
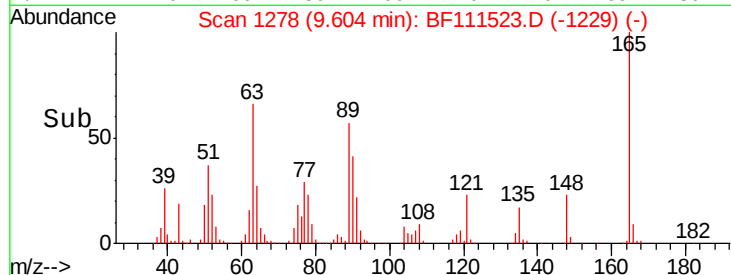
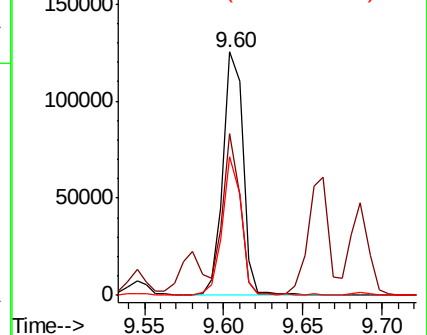
89 57.1 40.0 60.0



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: 30.145 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

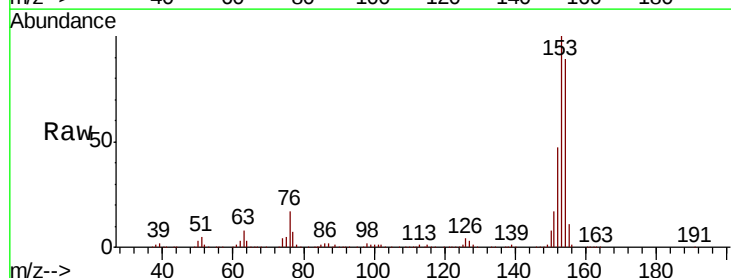
Tgt Ion:154 Resp: 405698

Ion Ratio Lower Upper

154 100

153 112.1 87.8 131.8

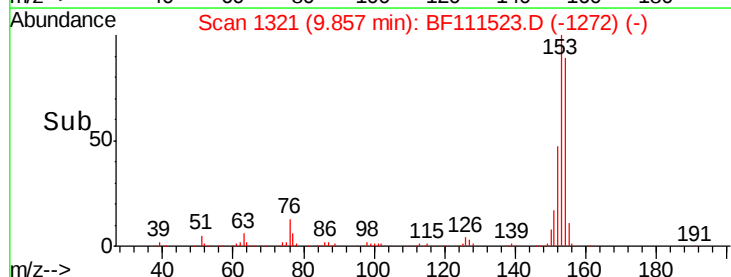
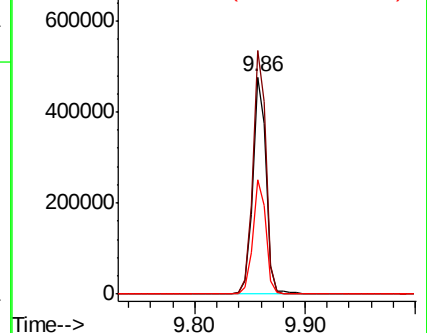
152 52.5 43.4 65.2

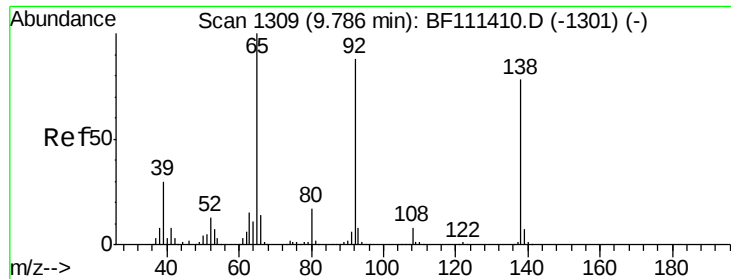


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

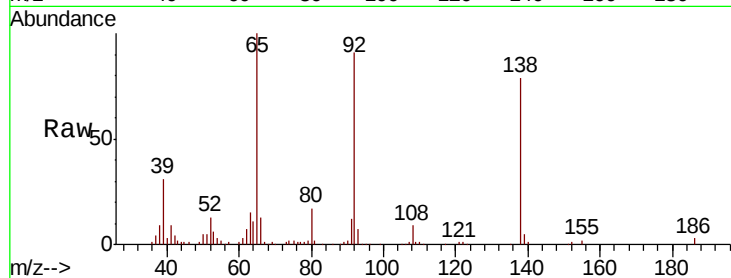




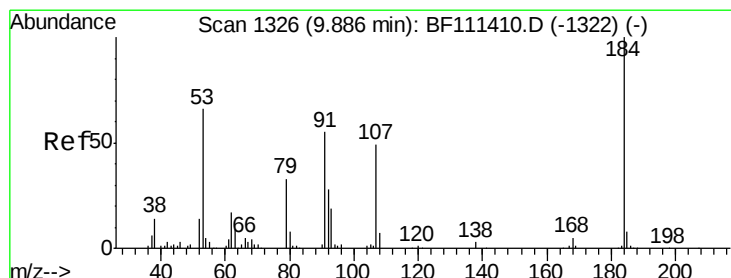
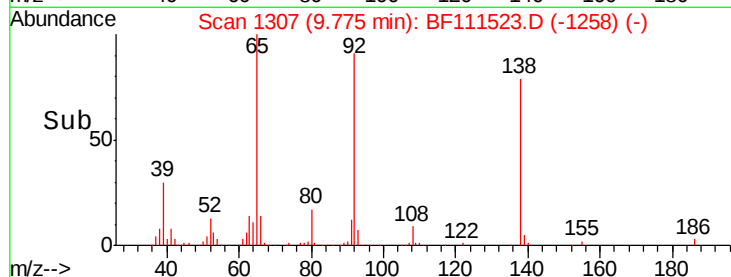
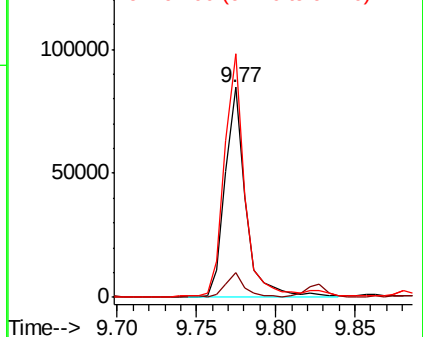
#53
3-Nitroaniline
Concen: 17.585 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion:138 Resp: 77118
Ion Ratio Lower Upper
138 100
108 11.8 8.2 12.4
92 116.0 93.4 140.2

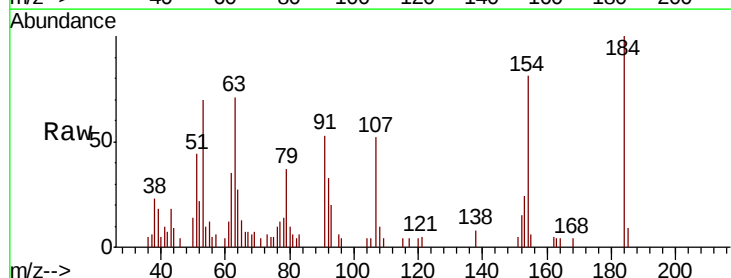


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

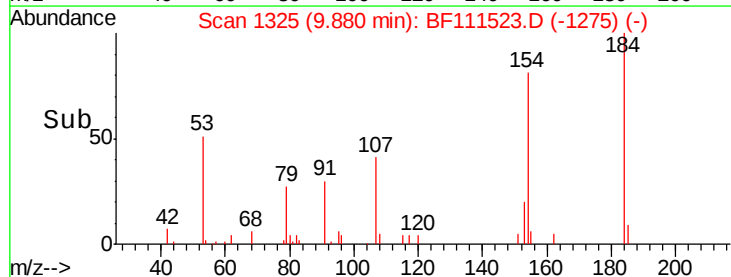
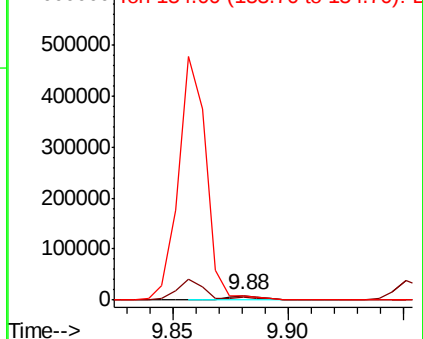


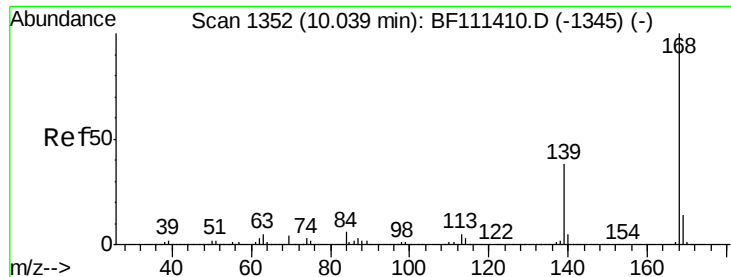
#54
2,4-Dinitrophenol
Concen: 6.623 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion:184 Resp: 9098
Ion Ratio Lower Upper
184 100
63 71.3 62.3 93.5
154 80.6 56.2 84.2



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





#55

Dibenzenofuran

Concen: 30.568 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

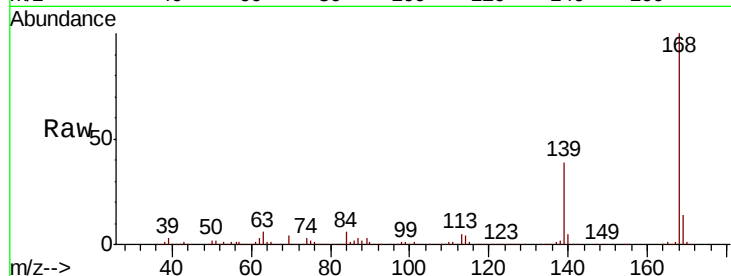
Tgt Ion:168 Resp: 597150

Ion Ratio Lower Upper

168 100

139 39.2 32.6 49.0

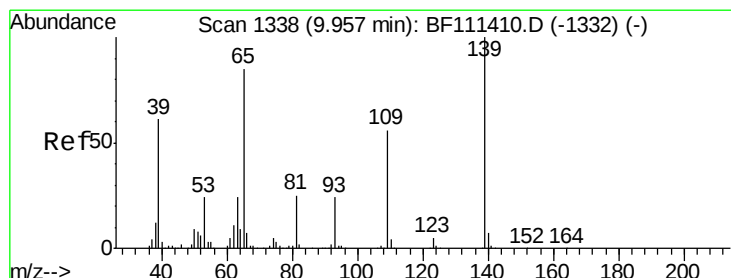
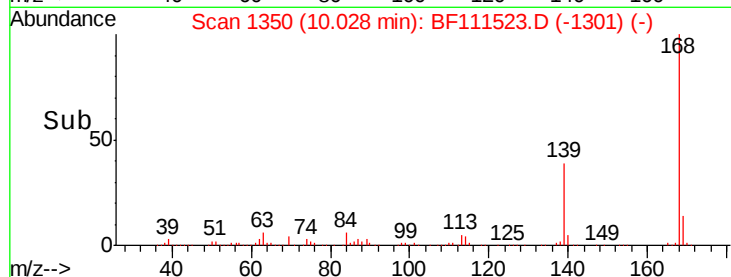
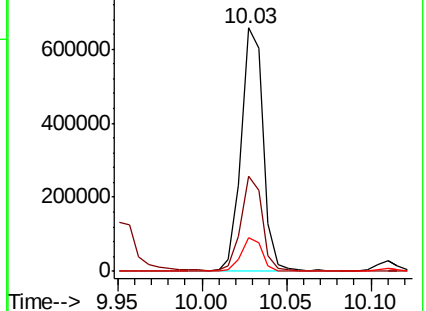
169 13.6 11.8 17.6



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: 46.299 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

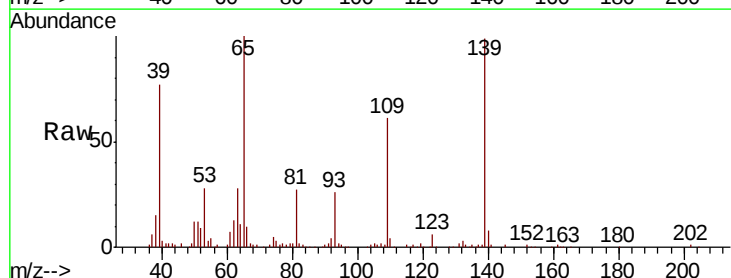
Tgt Ion:139 Resp: 140518

Ion Ratio Lower Upper

139 100

109 61.1 41.8 81.8

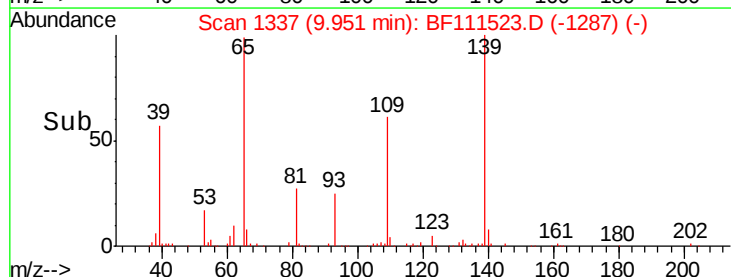
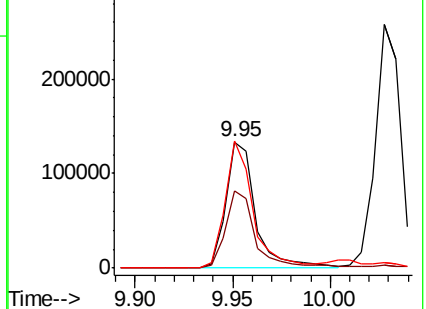
65 101.0 79.6 119.6

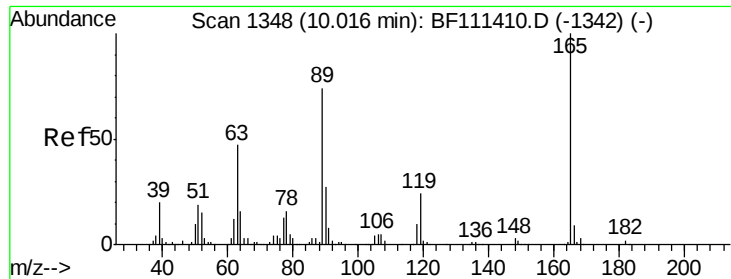


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 27.818 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:165 Resp: 131826

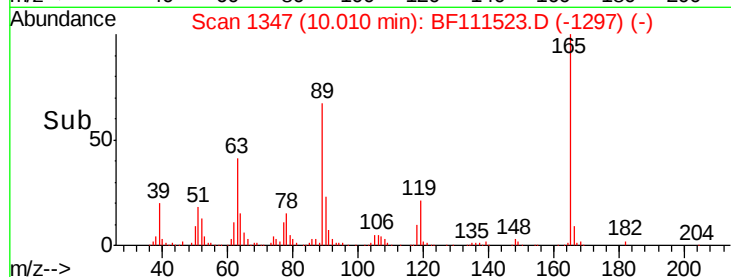
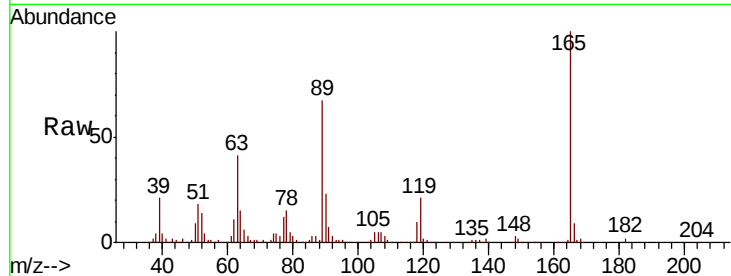
Ion Ratio Lower Upper

165 100

63 40.9 34.6 52.0

89 67.0 56.2 84.4

182 2.1 1.8 2.6

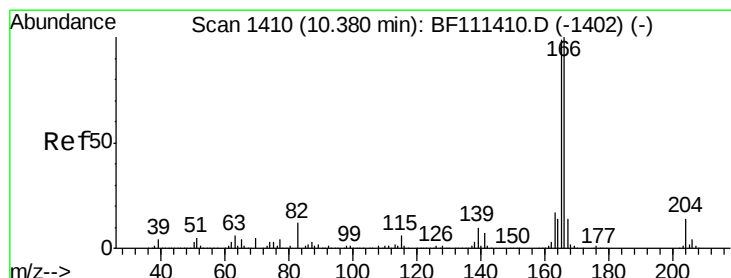
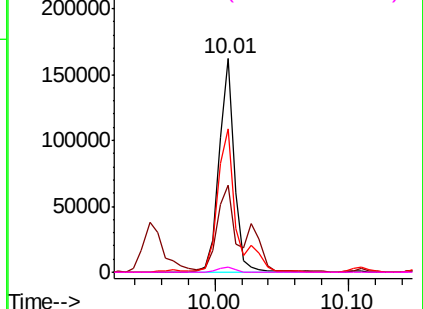


Abundance Ion 165.00 (164.70 to 165.70): E

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: 31.199 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

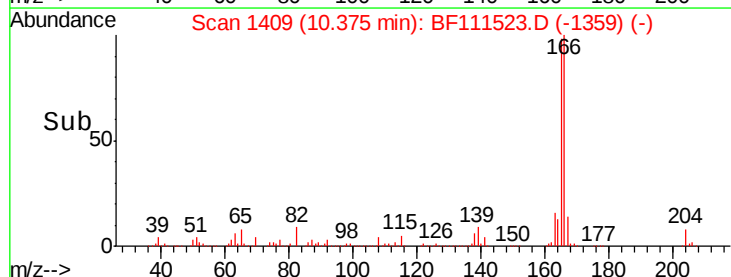
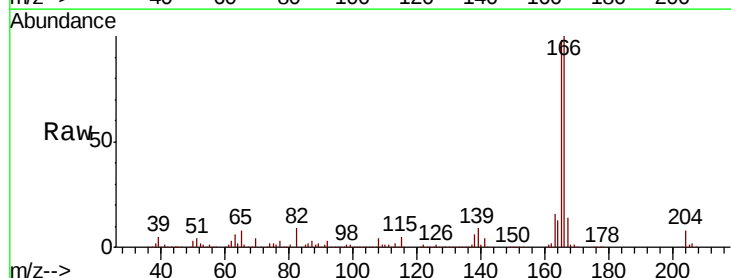
Tgt Ion:166 Resp: 442079

Ion Ratio Lower Upper

166 100

165 98.1 78.4 117.6

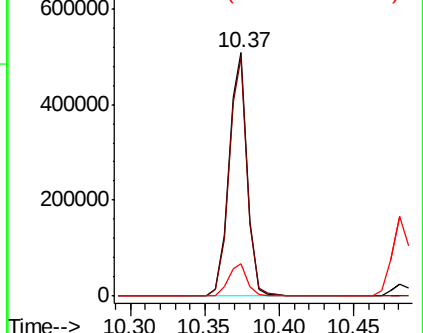
167 13.5 11.2 16.8

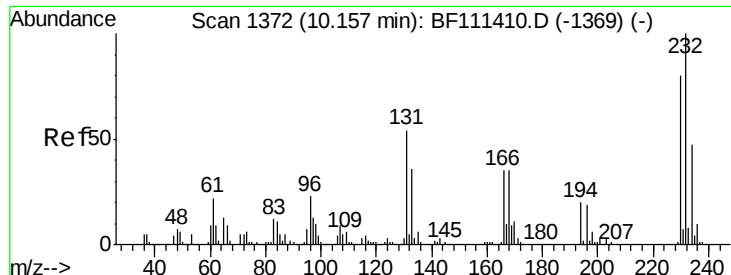


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

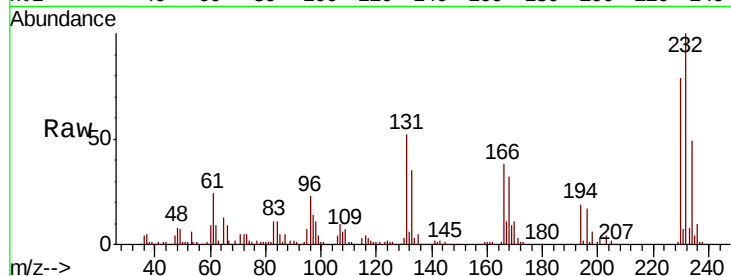




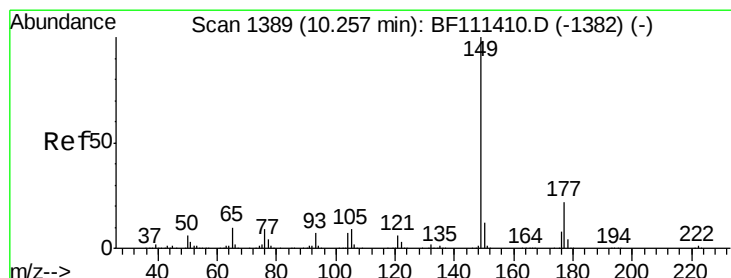
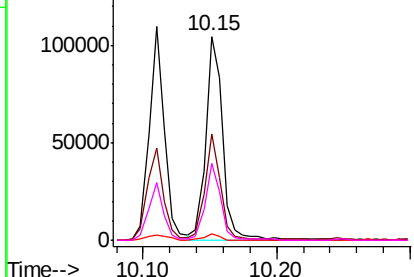
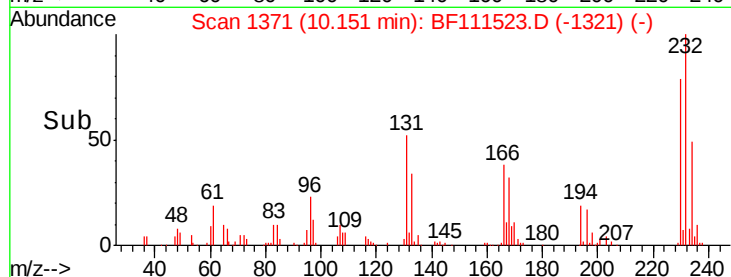
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 25.935 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion: 232 Resp: 93218
 Ion Ratio Lower Upper
 232 100
 131 47.3 40.9 61.3
 130 2.6 2.0 3.0
 166 34.4 26.8 40.2

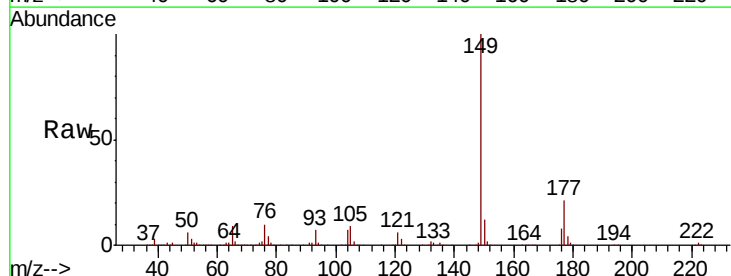


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

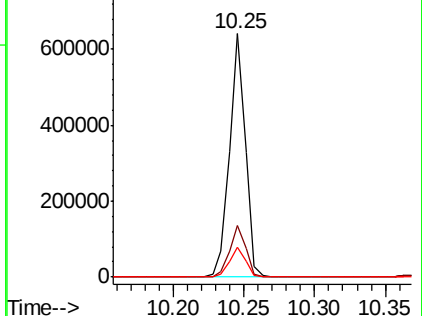
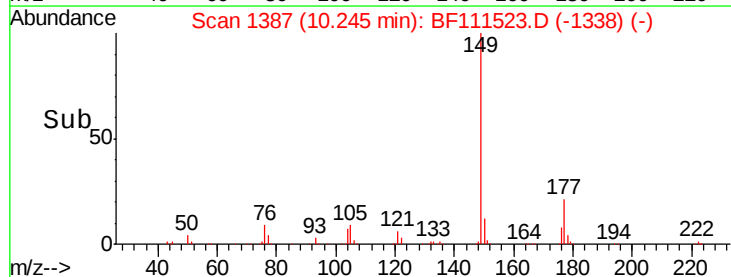


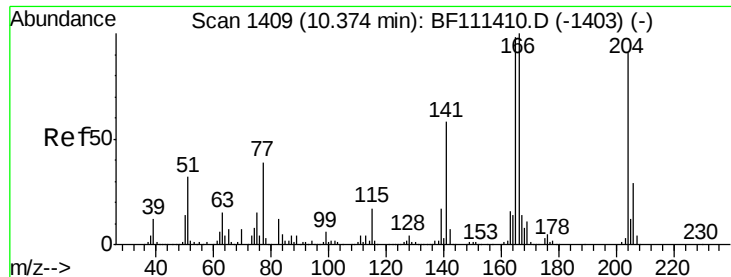
#60
 Diethylphthalate
 Concen: 30.799 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Tgt Ion: 149 Resp: 500423
 Ion Ratio Lower Upper
 149 100
 177 21.2 18.3 27.5
 150 12.3 10.6 15.8



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

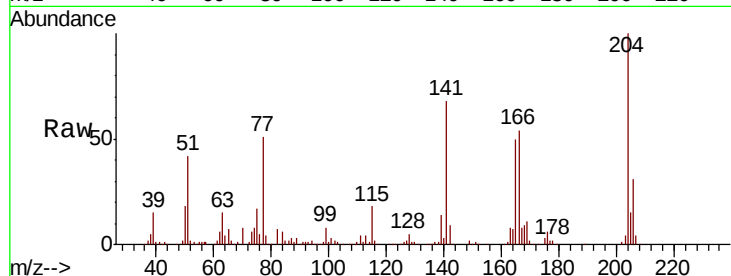




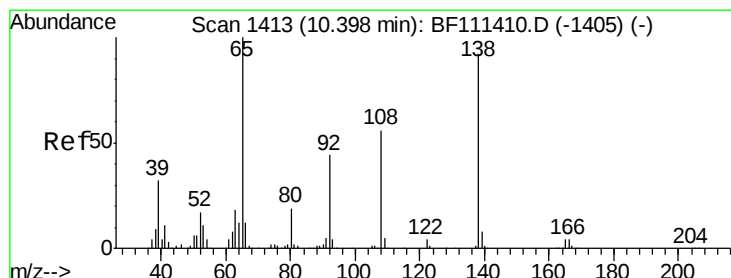
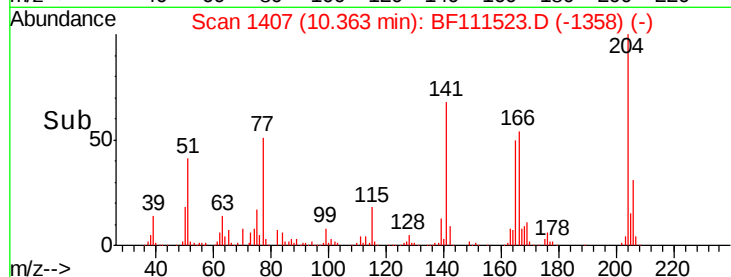
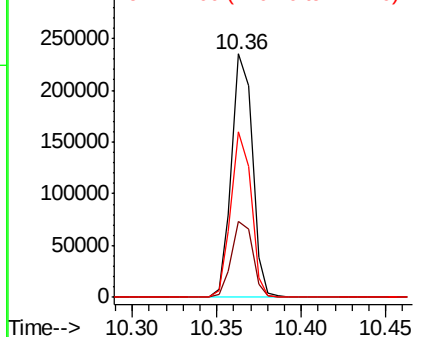
#61
4-Chlorophenyl-phenylether
Concen: 29.273 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 204 Resp: 202937
Ion Ratio Lower Upper
204 100
206 31.1 26.6 39.8
141 68.0 52.6 78.8

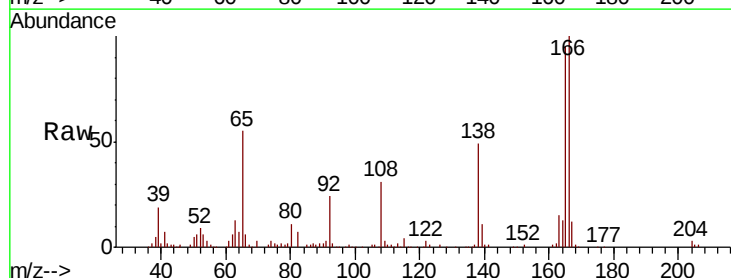


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

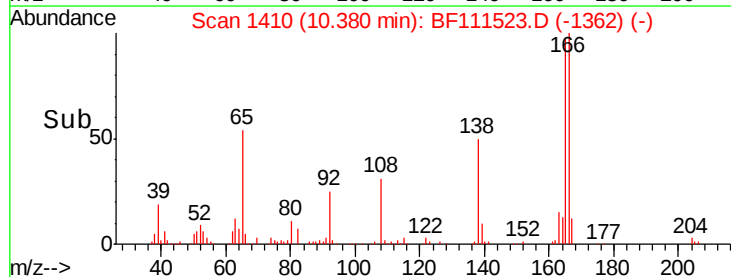
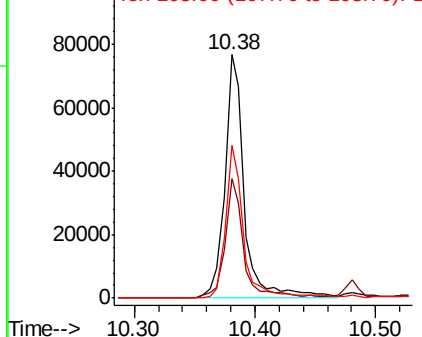


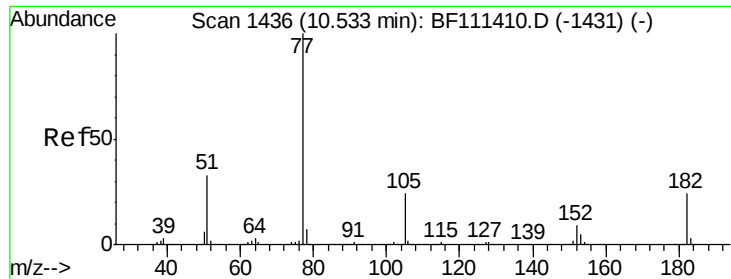
#62
4-Nitroaniline
Concen: 19.654 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion: 138 Resp: 85327
Ion Ratio Lower Upper
138 100
92 49.1 29.9 69.9
108 62.6 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

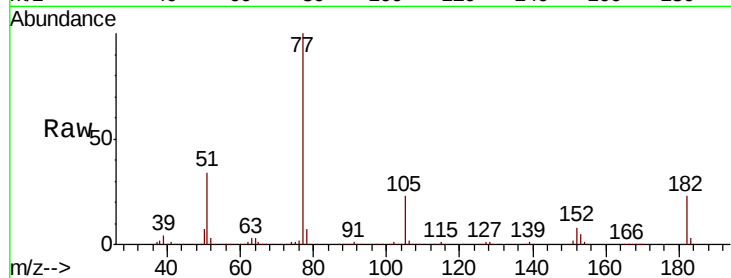




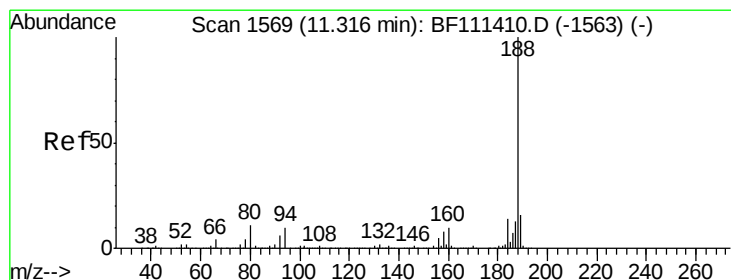
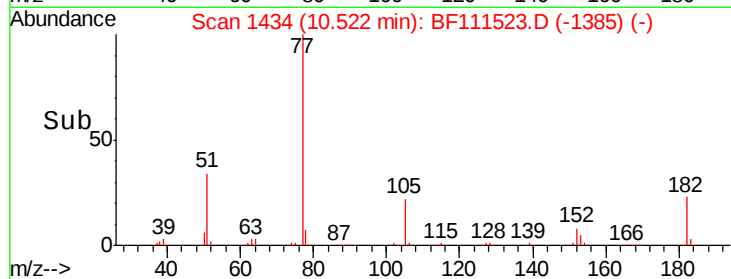
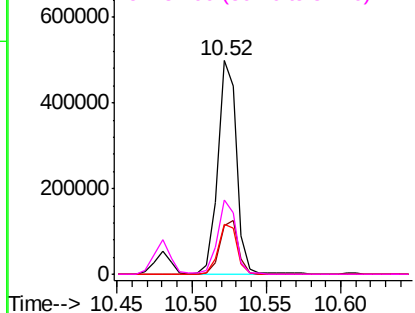
#63
Azobenzene
Concen: 27.153 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion: 77 Resp: 434941
Ion Ratio Lower Upper
77 100
182 22.6 4.9 44.9
105 23.1 6.0 46.0
51 34.5 14.7 54.7

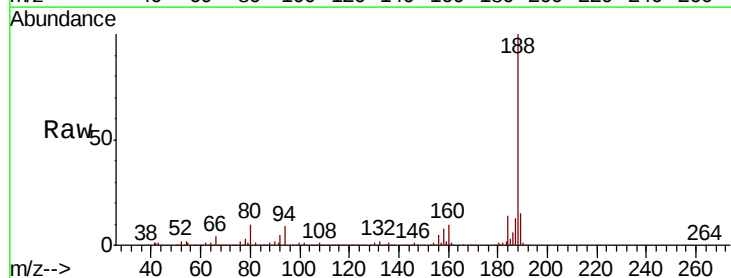


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

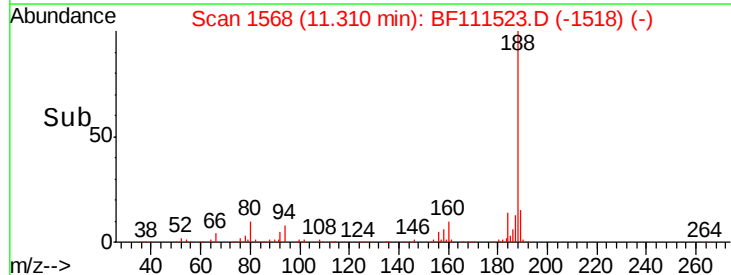
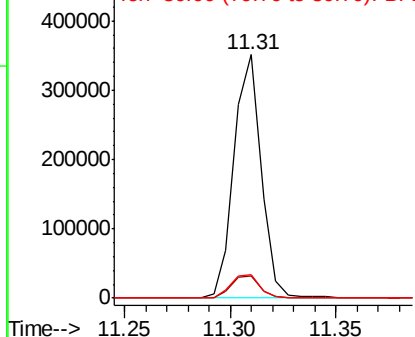


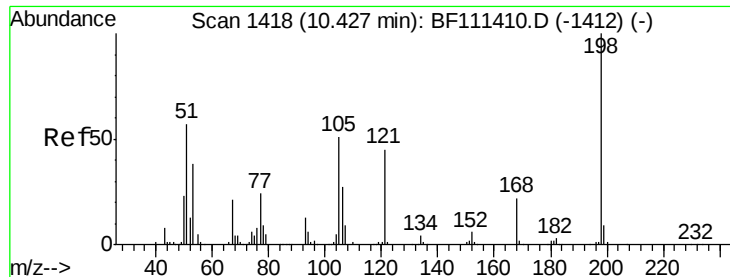
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion: 188 Resp: 312427
Ion Ratio Lower Upper
188 100
94 9.2 9.6 14.4#
80 9.7 9.8 14.6#



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

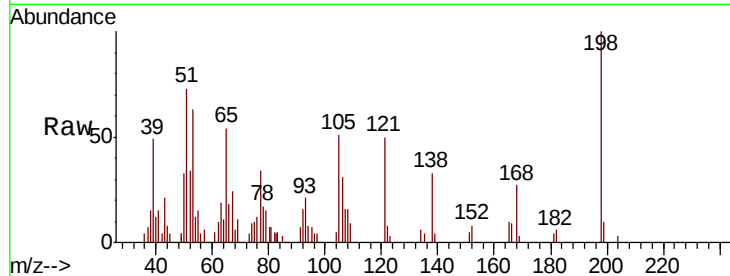




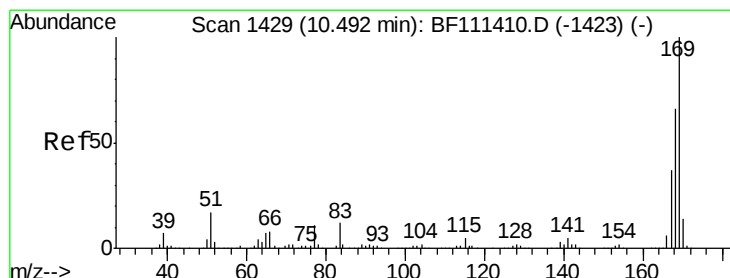
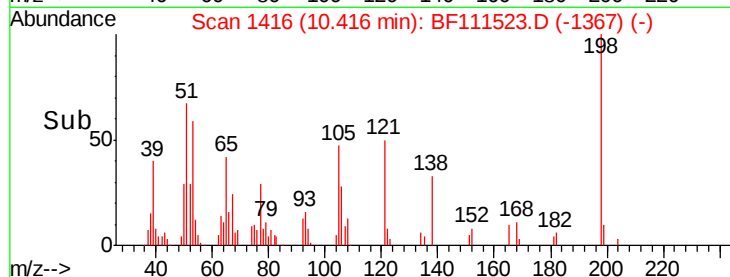
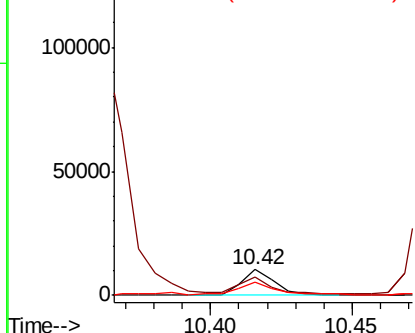
#65
4,6-Dinitro-2-methylphenol
Concen: 4.676 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

Tgt Ion:198 Resp: 8247
Ion Ratio Lower Upper
198 100
51 72.8 48.0 88.0
105 51.2 34.0 74.0

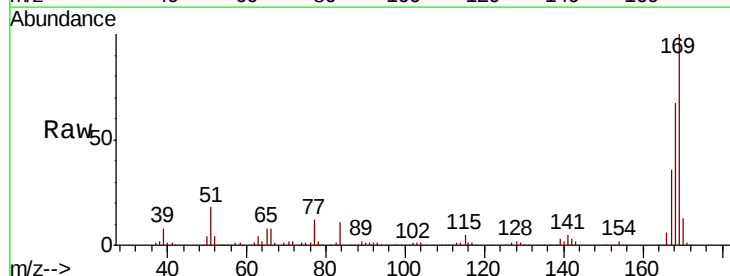


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

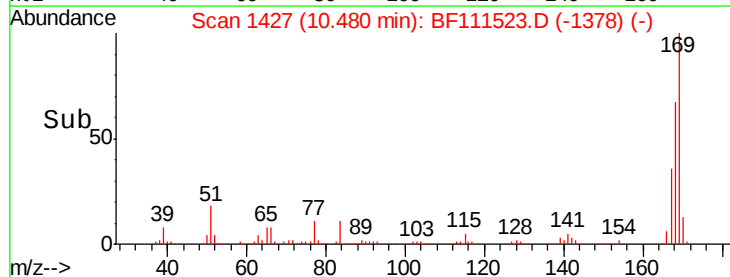
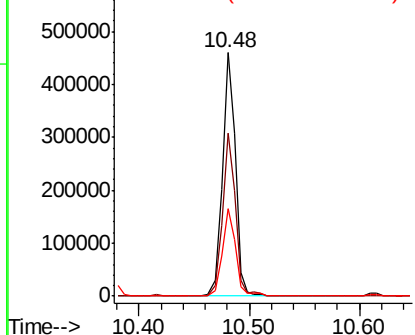


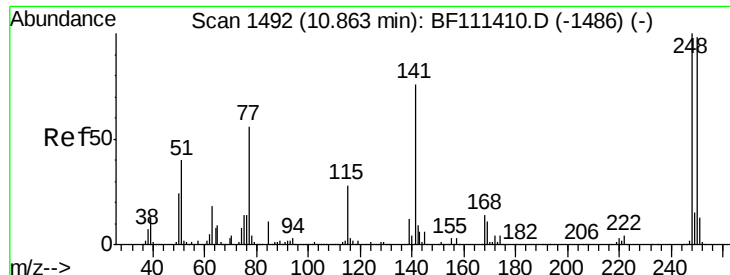
#66
n-Nitrosodiphenylamine
Concen: 35.109 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion:169 Resp: 378265
Ion Ratio Lower Upper
169 100
168 66.8 54.4 81.6
167 35.9 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

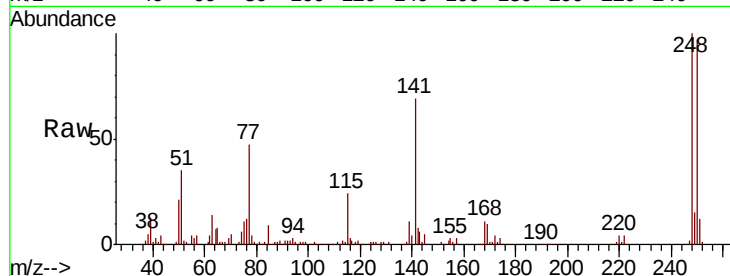




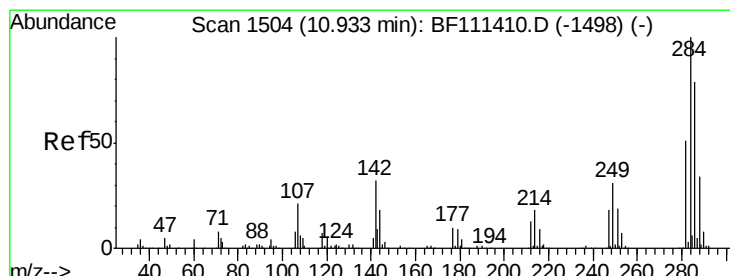
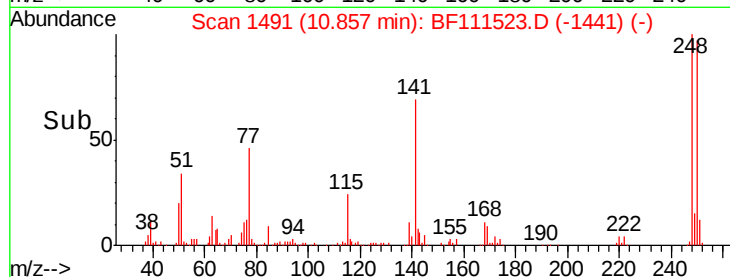
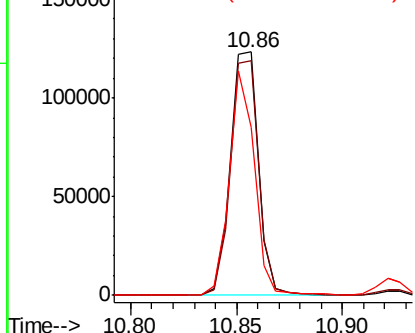
#67
 4-Bromophenyl-phenylether
 Concen: 33.530 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion:248 Resp: 112906
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.0 115.4
 141 68.9 63.0 94.6

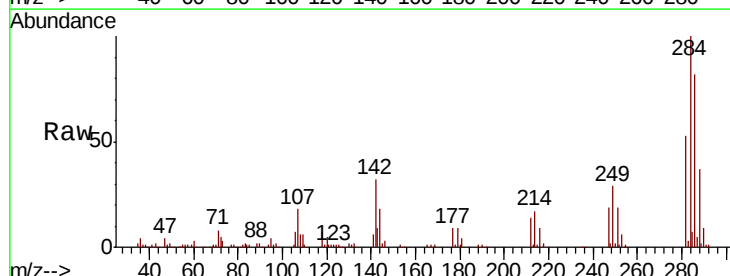


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

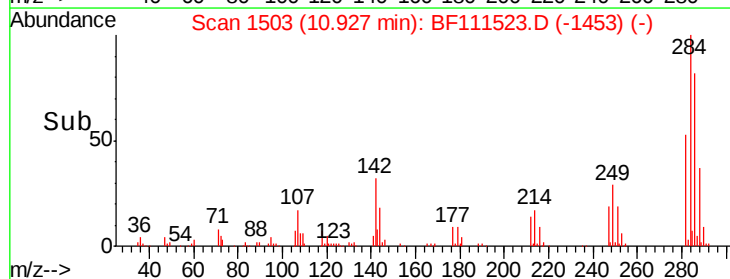
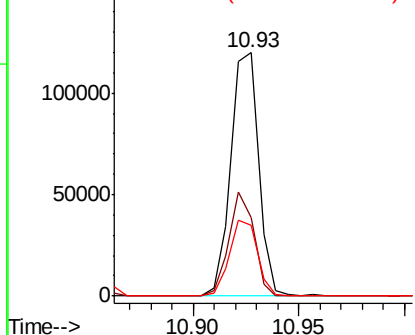


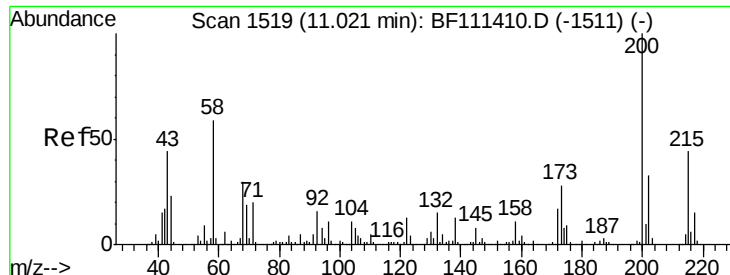
#68
 Hexachlorobenzene
 Concen: 31.517 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Tgt Ion:284 Resp: 109167
 Ion Ratio Lower Upper
 284 100
 142 32.4 27.4 41.2
 249 28.8 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: 33.706 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

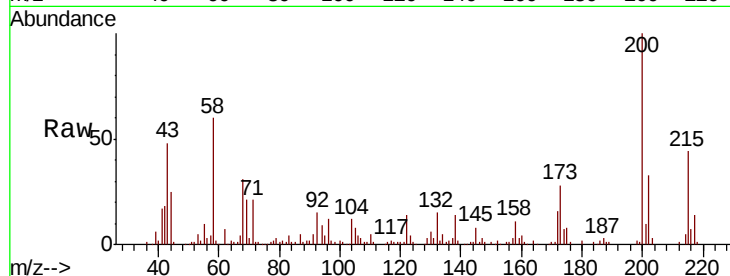
Tgt Ion:200 Resp: 104948

Ion Ratio Lower Upper

200 100

173 28.4 10.1 50.1

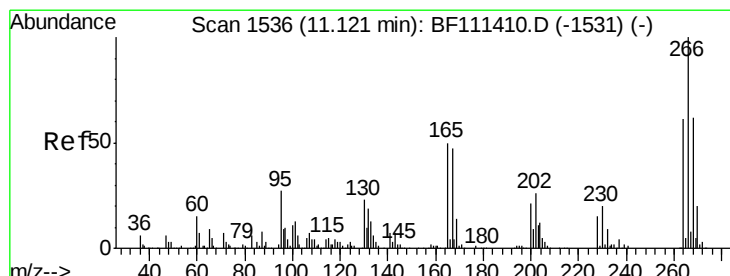
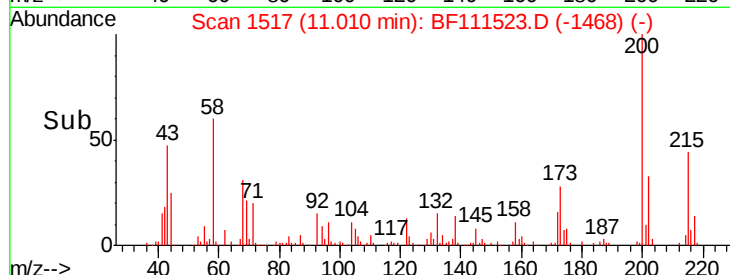
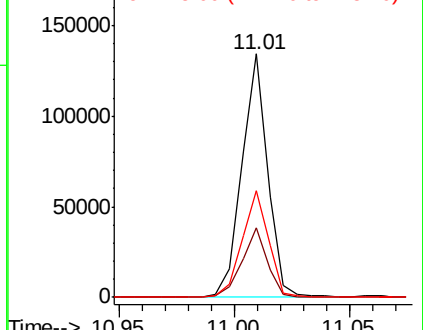
215 43.7 26.9 66.9



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: 52.214 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

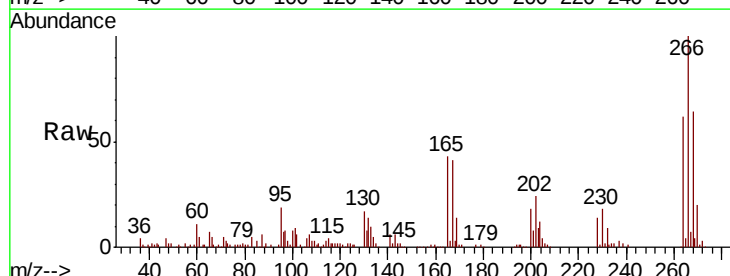
Tgt Ion:266 Resp: 110929

Ion Ratio Lower Upper

266 100

268 63.8 47.9 71.9

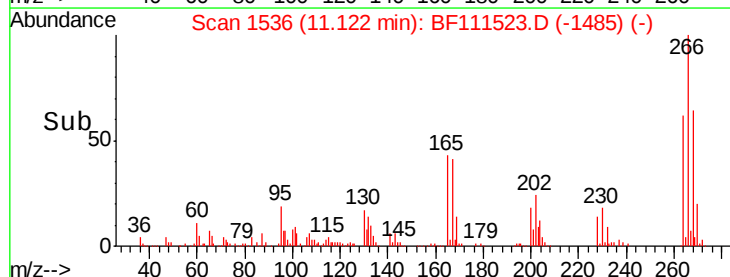
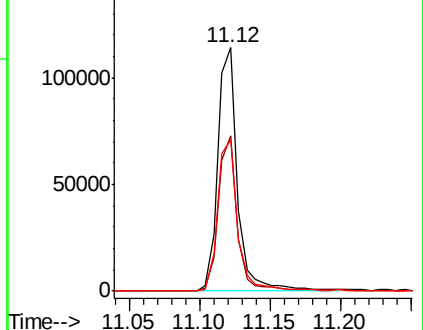
264 62.5 49.1 73.7

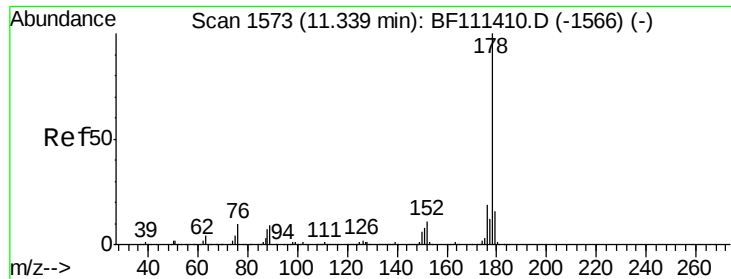


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

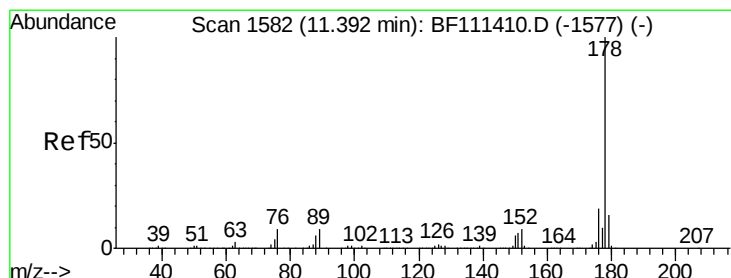
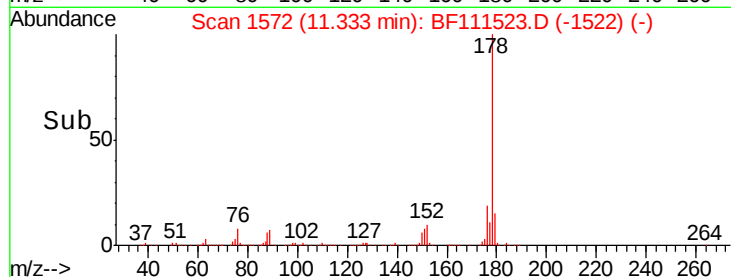
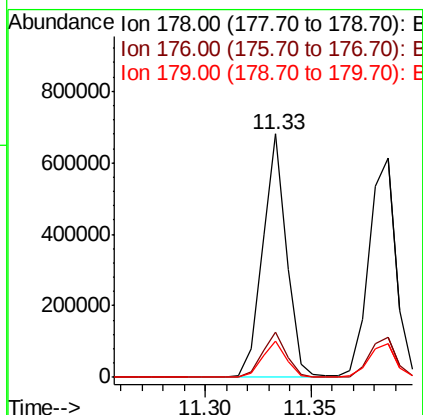
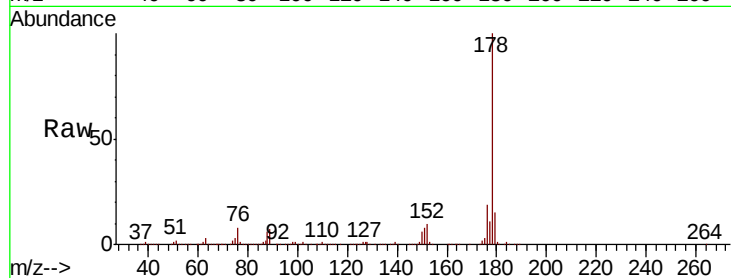




#71
Phenanthrene
Concen: 33.349 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

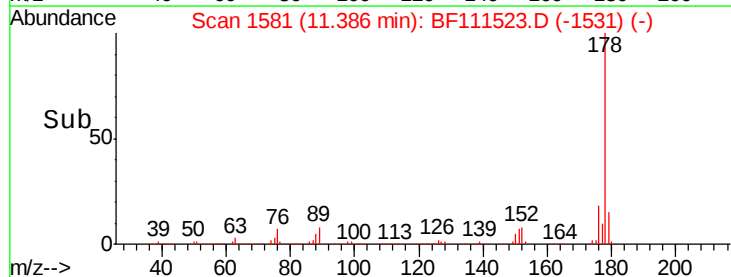
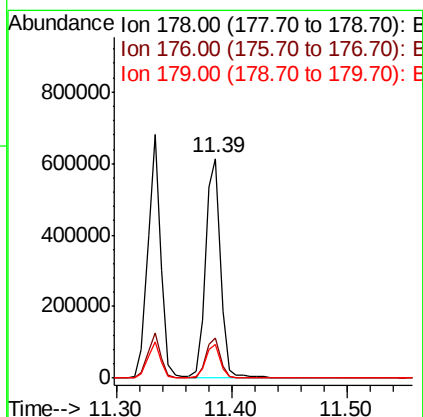
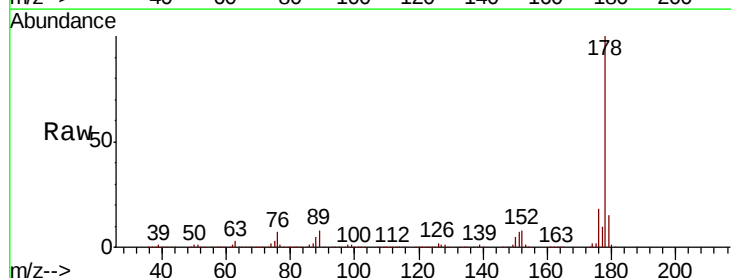
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

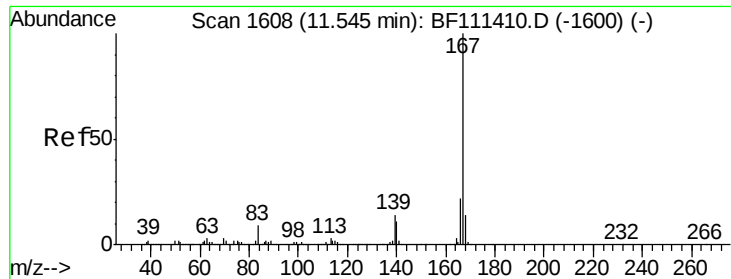
Tgt Ion:178 Resp: 536878
Ion Ratio Lower Upper
178 100
176 18.7 18.1 27.1
179 15.0 14.0 21.0



#72
Anthracene
Concen: 33.667 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion:178 Resp: 554287
Ion Ratio Lower Upper
178 100
176 18.3 17.2 25.8
179 15.4 13.8 20.8

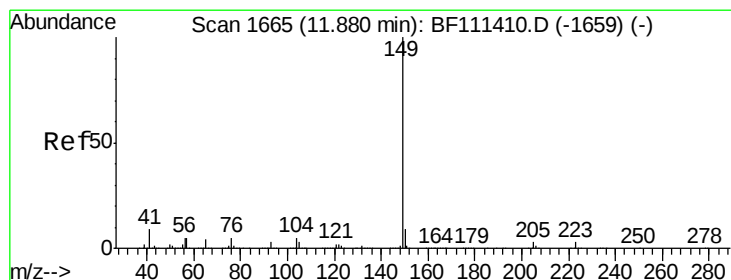
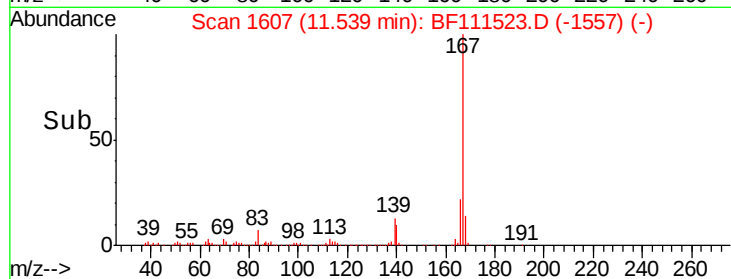
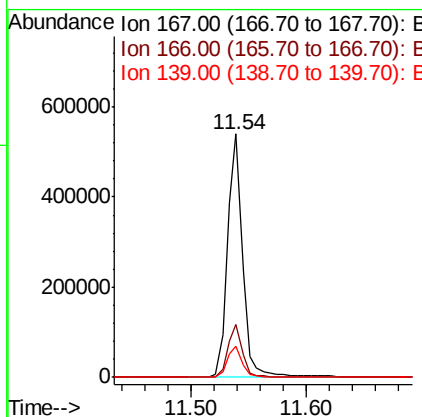
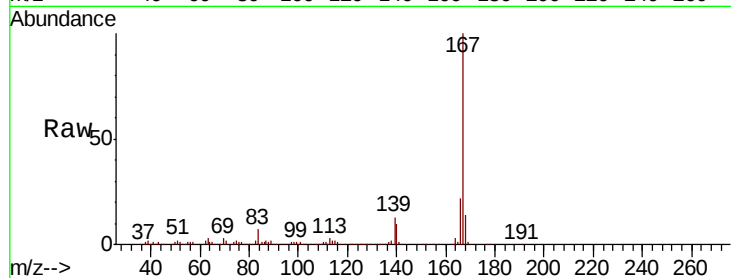




#73
 Carbazole
 Concen: 28.784 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

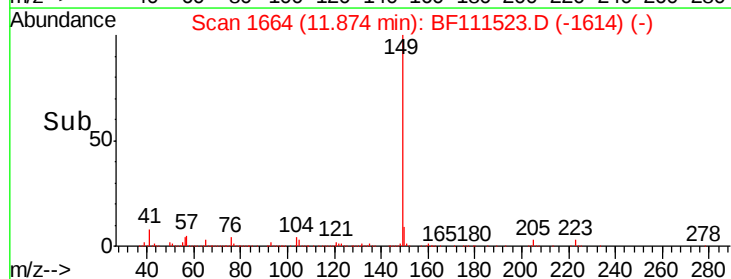
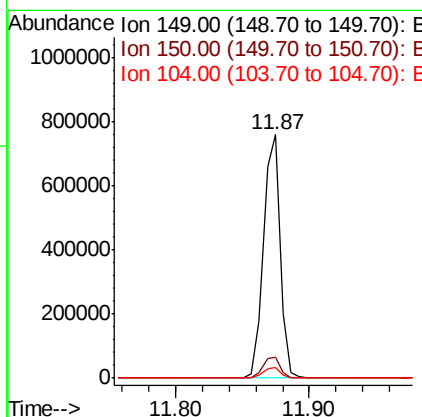
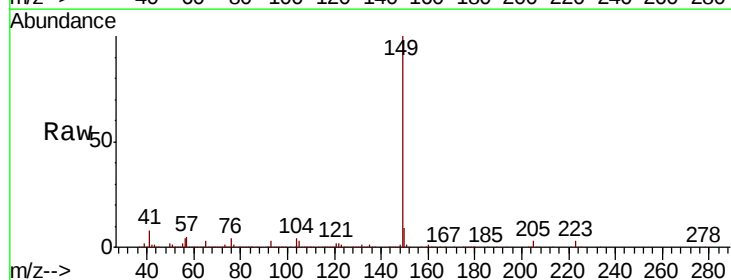
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

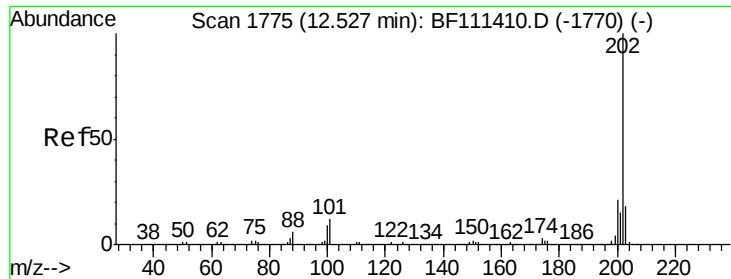
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	19.3	28.9
139	12.6	11.9	17.9



#74
 Di-n-butylphthalate
 Concen: 34.398 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	8.8	13.2#
104	4.3	4.5	6.7#





#75

Fluoranthene

Concen: 33.373 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

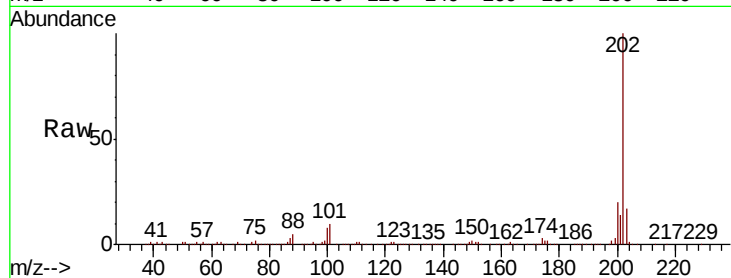
Tgt Ion:202 Resp: 525600

Ion Ratio Lower Upper

202 100

101 9.8 0.0 33.8

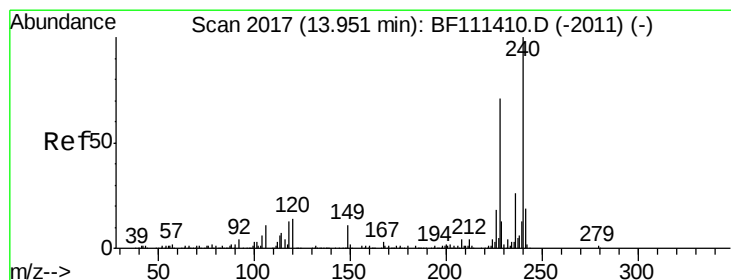
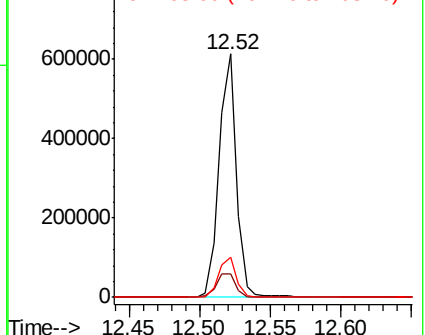
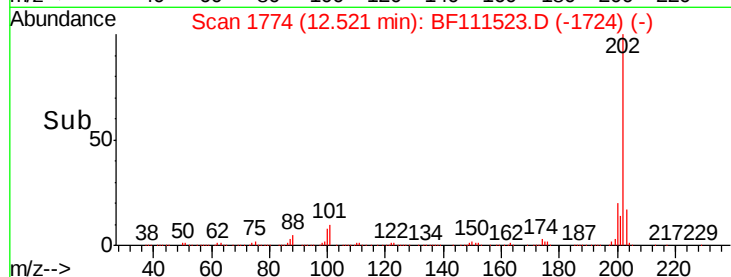
203 16.6 0.0 38.6



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: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

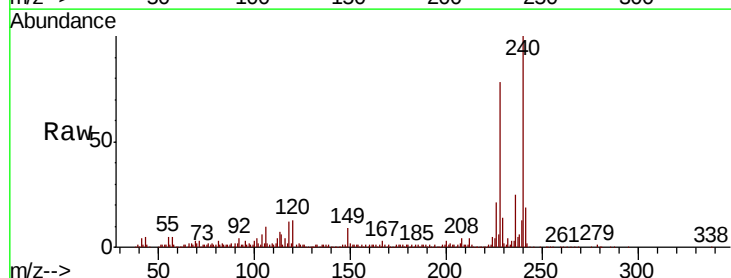
Tgt Ion:240 Resp: 268932

Ion Ratio Lower Upper

240 100

120 12.5 12.2 18.2

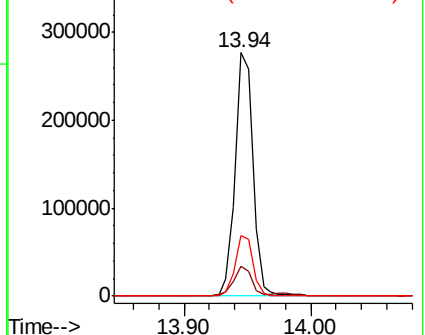
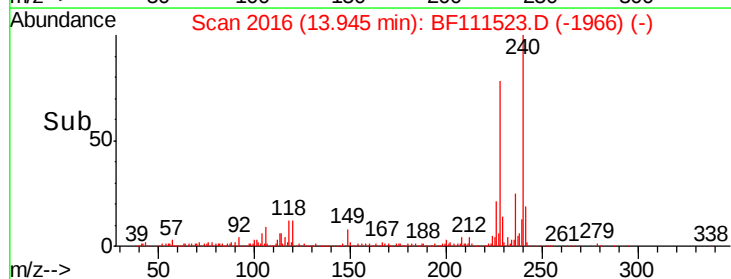
236 24.7 20.2 30.2

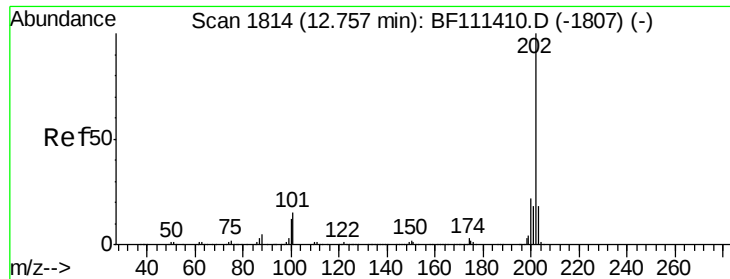


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 28.469 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

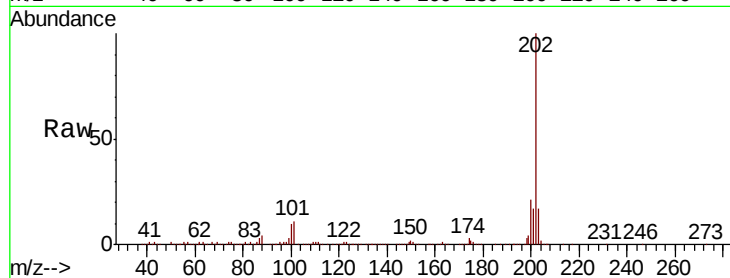
Tgt Ion: 202 Resp: 539782

Ion Ratio Lower Upper

202 100

200 20.9 19.0 28.4

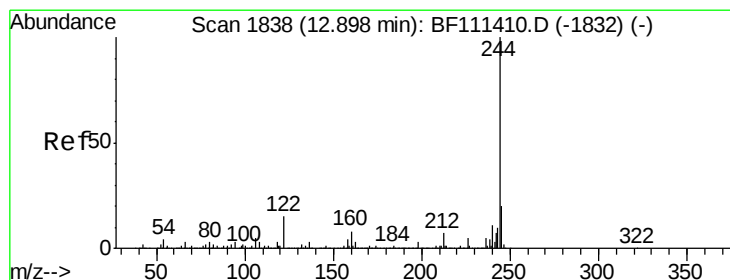
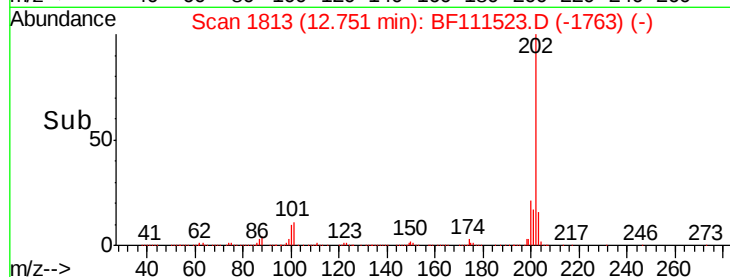
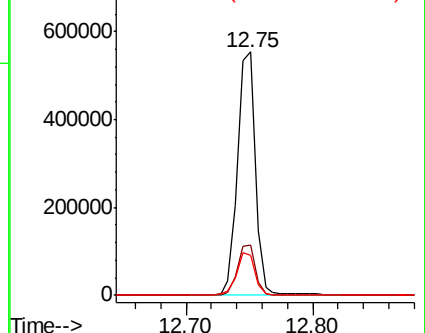
203 16.6 15.2 22.8



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: 52.416 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

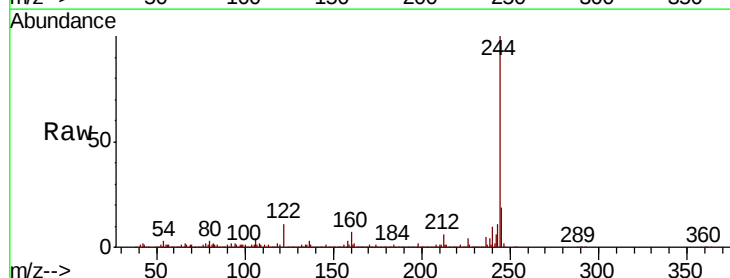
Tgt Ion: 244 Resp: 600294

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

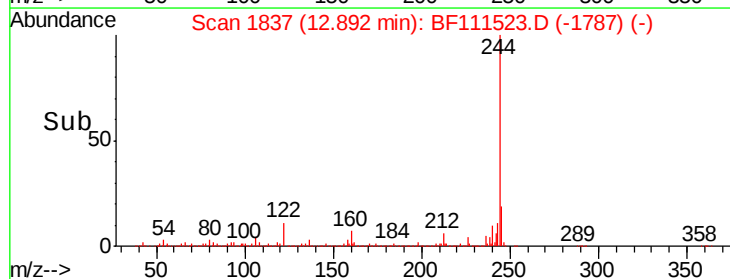
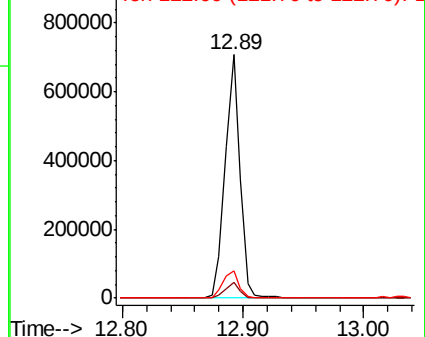
122 11.4 13.1 19.7#

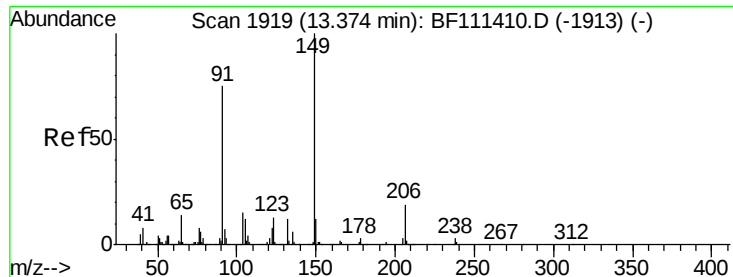


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

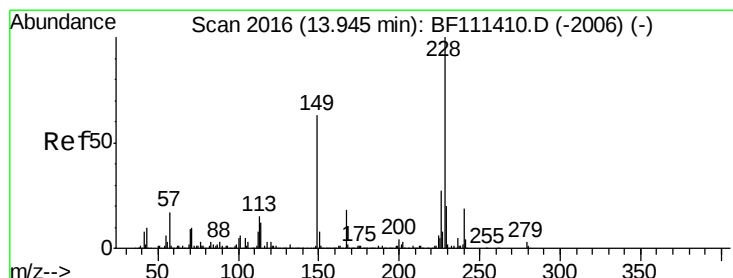
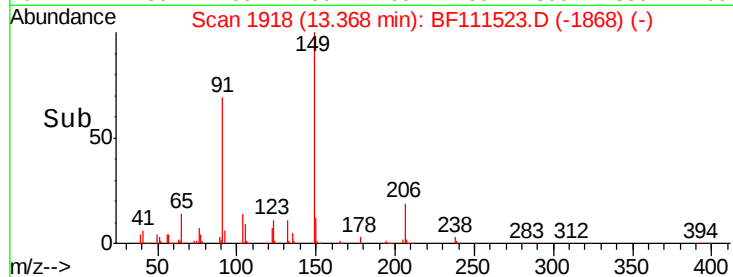
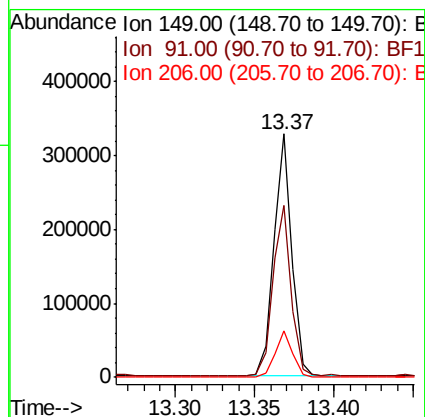
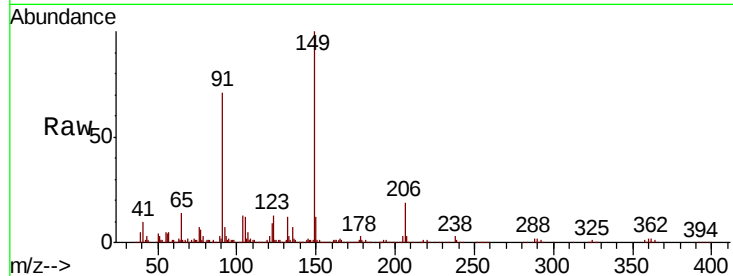




#80
Butylbenzylphthalate
Concen: 28.088 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

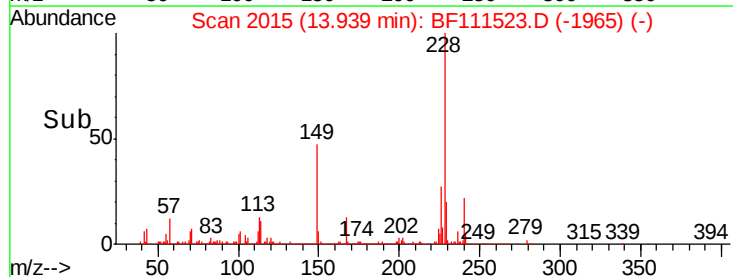
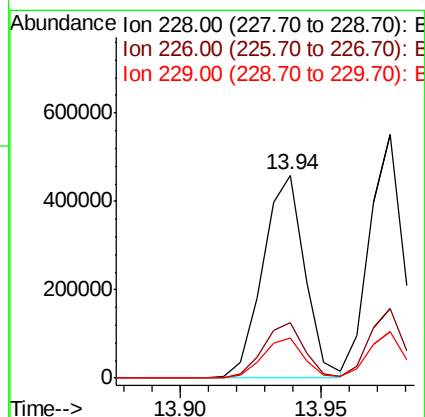
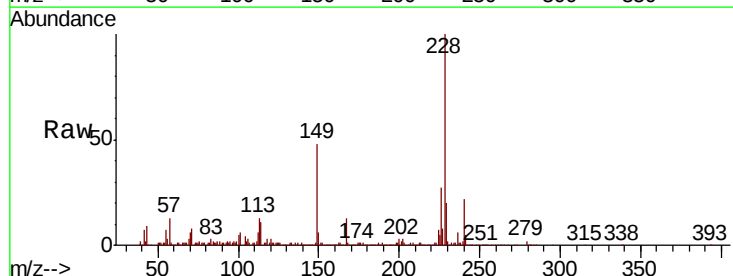
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

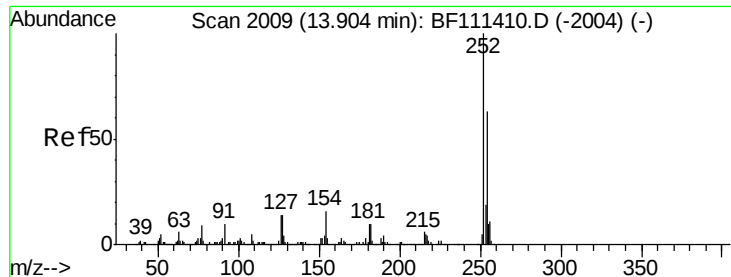
Tgt Ion:149 Resp: 259592
Ion Ratio Lower Upper
149 100
91 70.7 63.8 95.6
206 18.9 15.1 22.7



#81
Benzo(a)anthracene
Concen: 32.451 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion:228 Resp: 474525
Ion Ratio Lower Upper
228 100
226 27.2 22.6 34.0
229 19.9 16.3 24.5

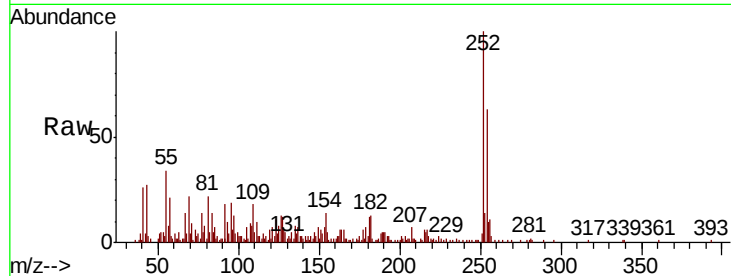




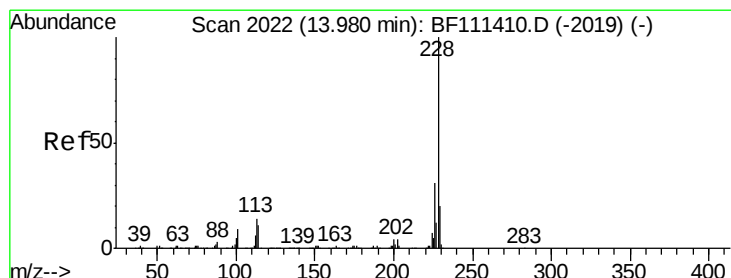
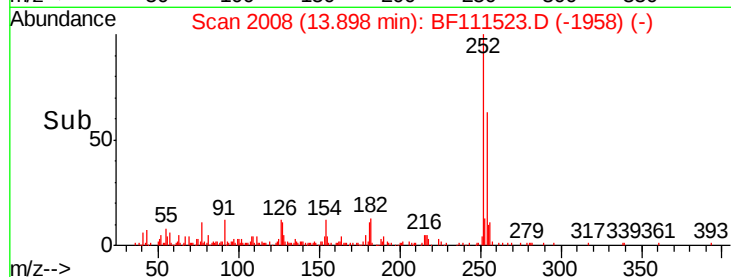
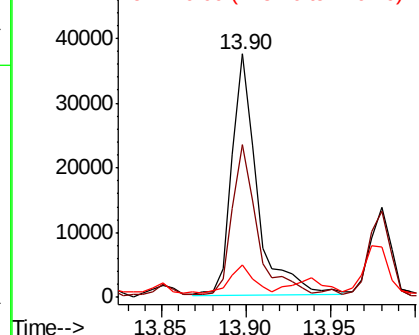
#82
 3,3'-Dichlorobenzidine
 Concen: 6.570 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion:252 Resp: 39054
 Ion Ratio Lower Upper
 252 100
 254 62.7 52.7 79.1
 126 13.5 11.1 16.7

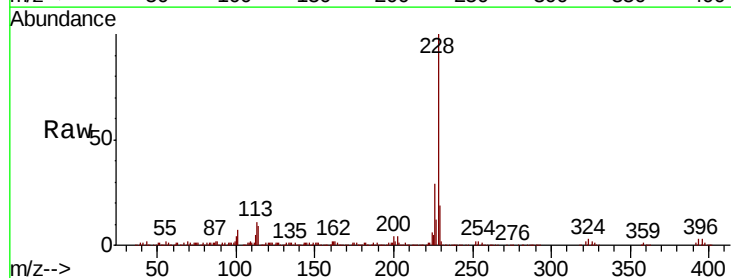


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

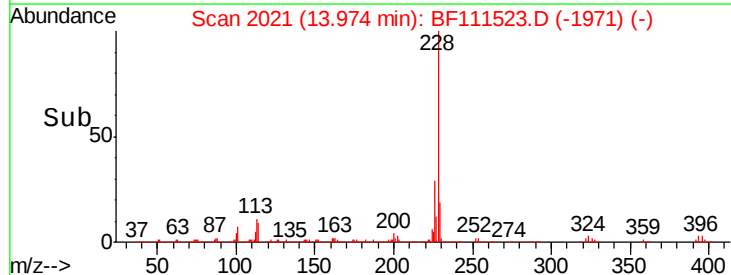
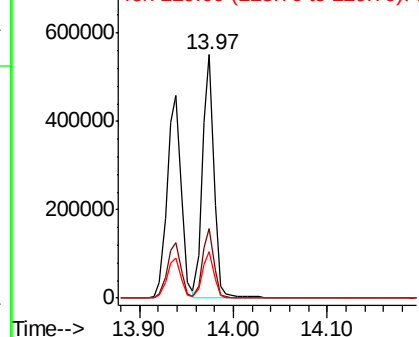


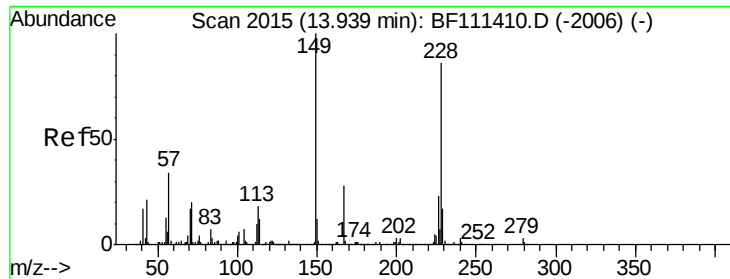
#83
 Chrysene
 Concen: 30.437 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Tgt Ion:228 Resp: 468859
 Ion Ratio Lower Upper
 228 100
 226 28.5 25.3 37.9
 229 19.2 17.2 25.8



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 31.848 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

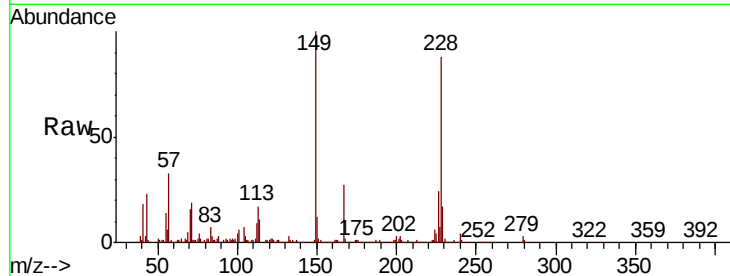
Tgt Ion:149 Resp: 375941

Ion Ratio Lower Upper

149 100

167 26.9 22.5 33.7

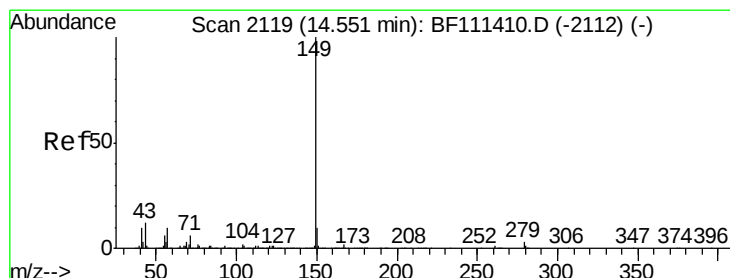
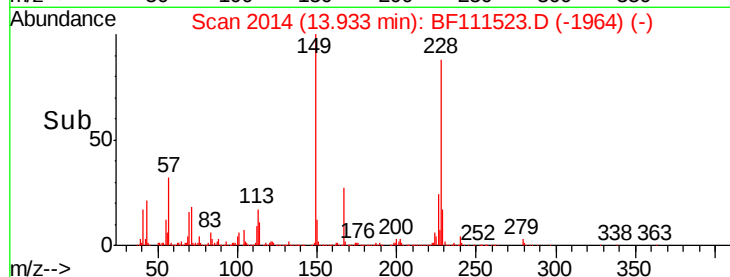
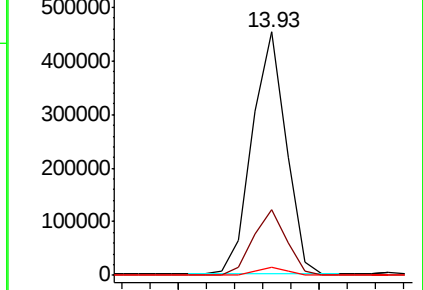
279 3.4 2.6 4.0



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: 34.587 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

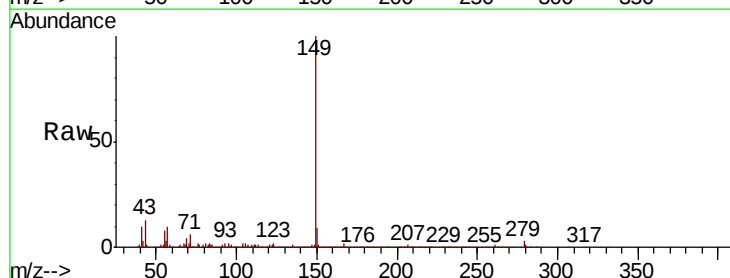
Tgt Ion:149 Resp: 688660

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

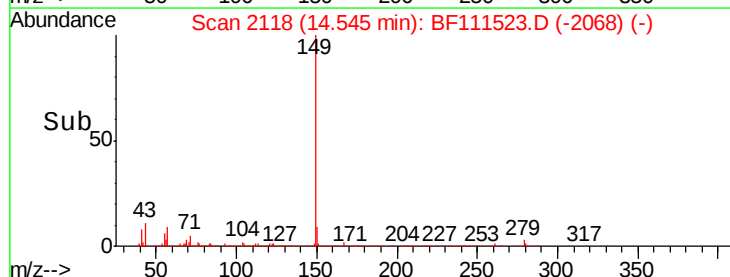
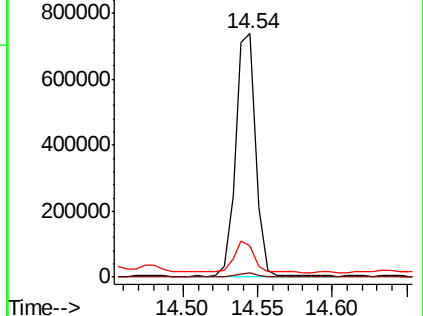
43 12.2 10.9 16.3

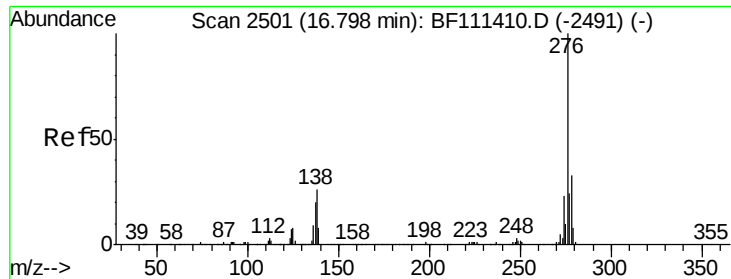


Abundance Ion 149.00 (148.70 to 149.70): E

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: 26.981 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

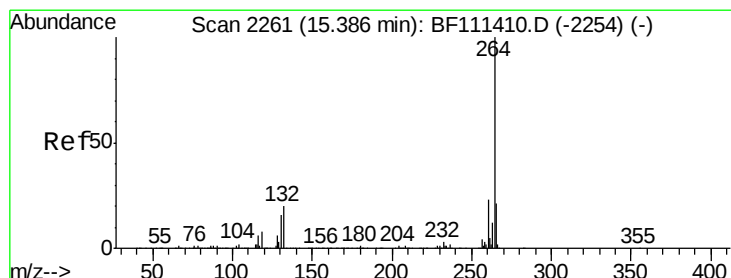
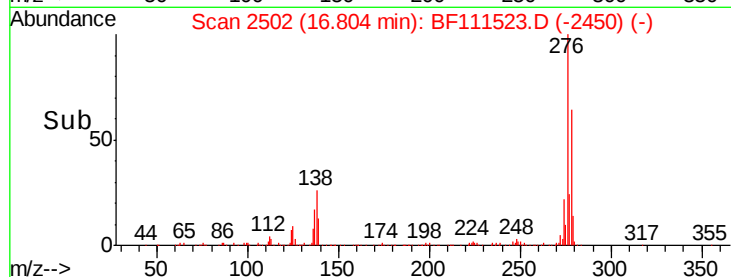
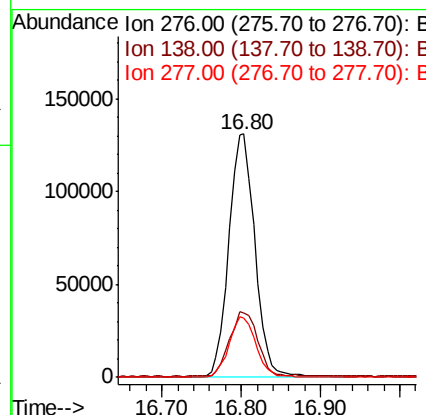
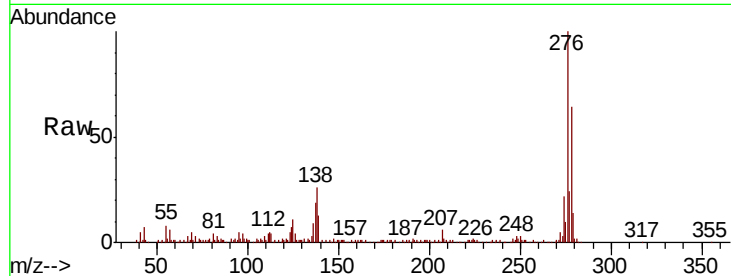
Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

Tgt Ion:	276	Resp:	299965
Ion Ratio	Lower	Upper	
276	100		
138	28.5	27.8	41.6
277	25.6	20.1	30.1



#87

Perylene-d12

Concen: 20.000 ng

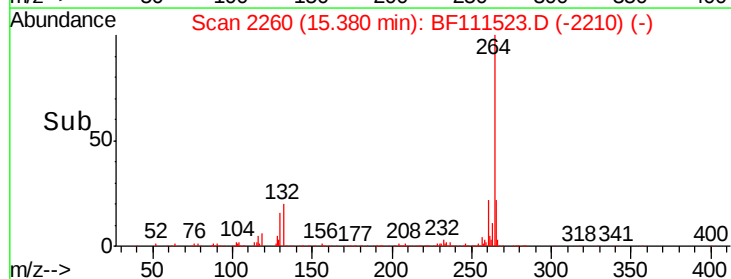
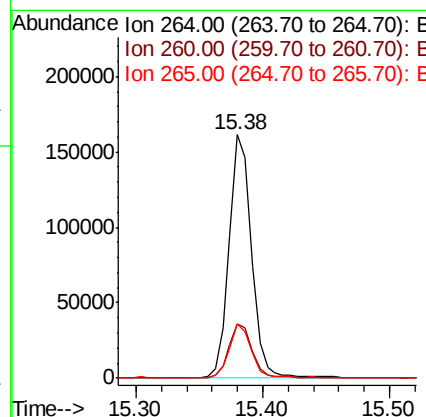
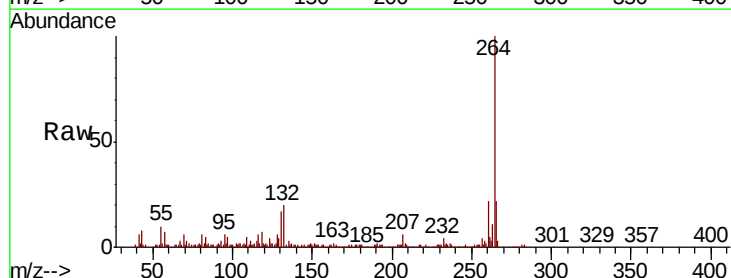
RT: 15.38 min Scan# 2260

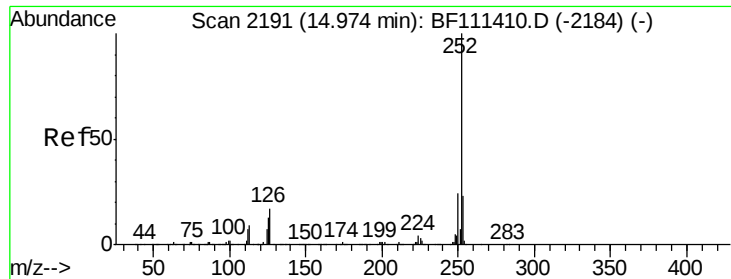
Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

Tgt Ion:	264	Resp:	198260
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.3	27.5
265	22.3	17.7	26.5

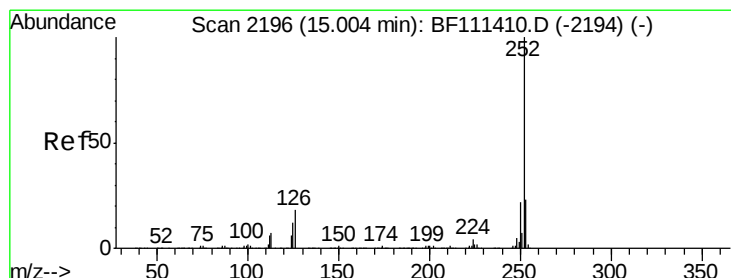
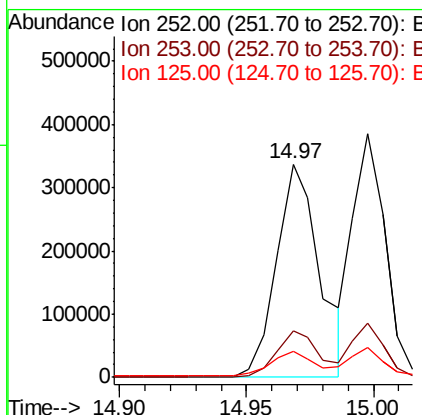
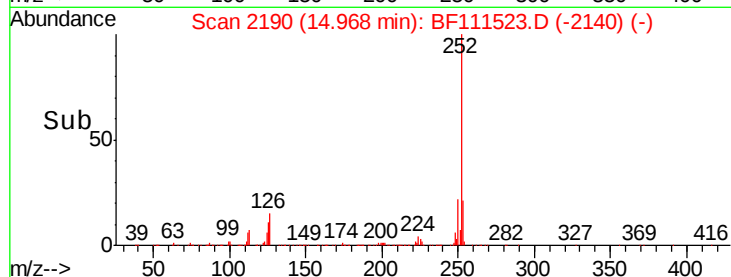
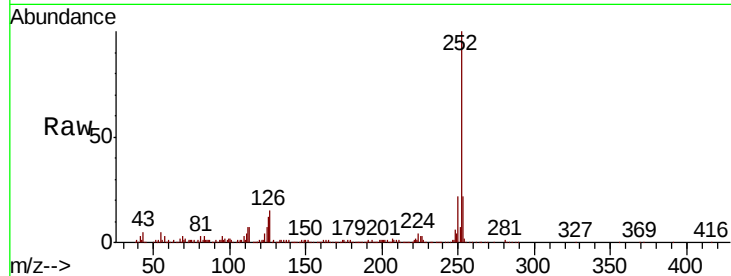




#88
Benzo(b)fluoranthene
Concen: 34.751 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

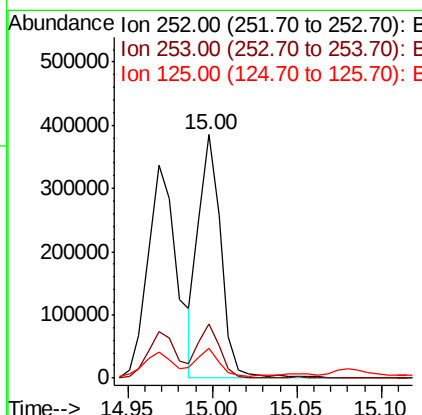
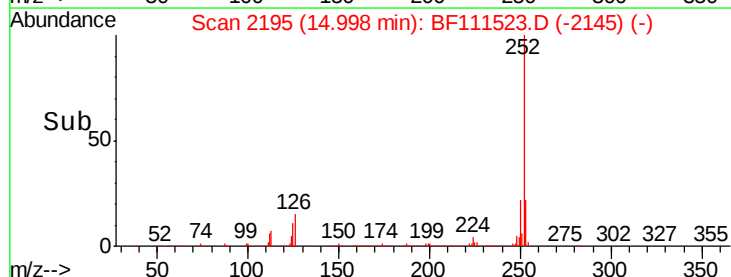
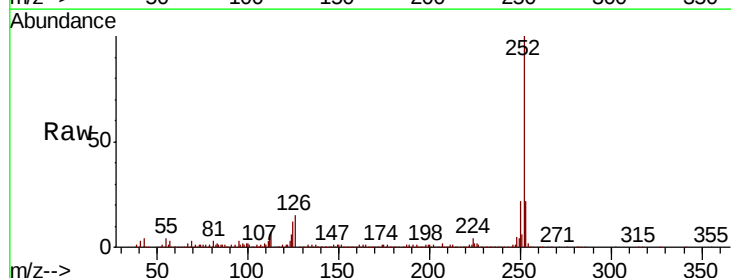
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01MSD

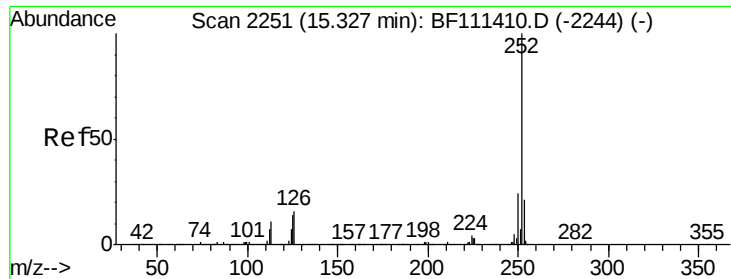
Tgt Ion:252 Resp: 401678
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 12.3 10.4 15.6



#89
Benzo(k)fluoranthene
Concen: 31.688 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111523.D
Acq: 16 Dec 2018 22:15

Tgt Ion:252 Resp: 349980
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 12.0 9.8 14.8





#90

Benzo(a)pyrene

Concen: 31.960 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

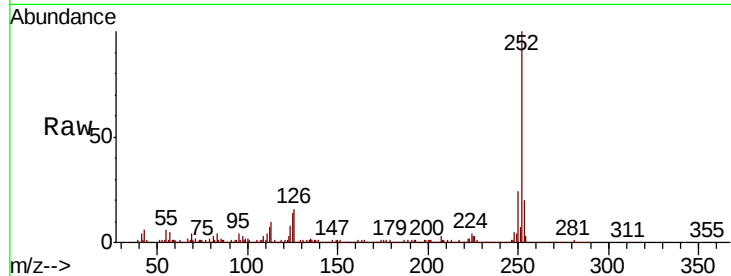
Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01MSD

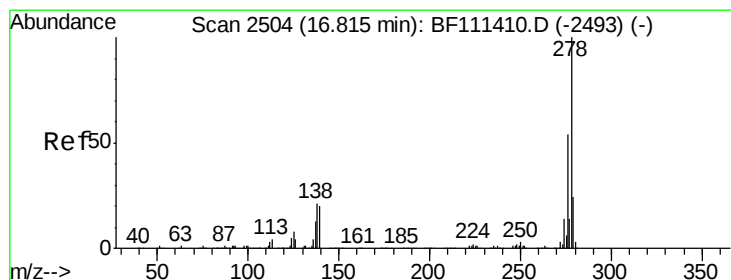
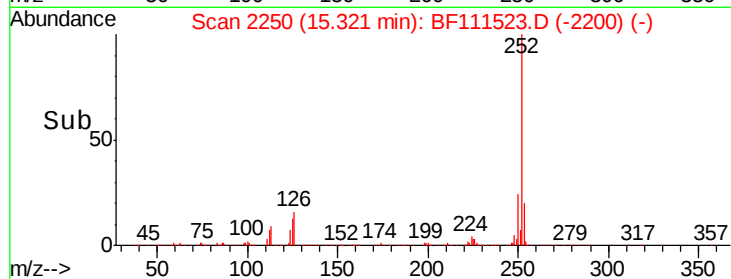
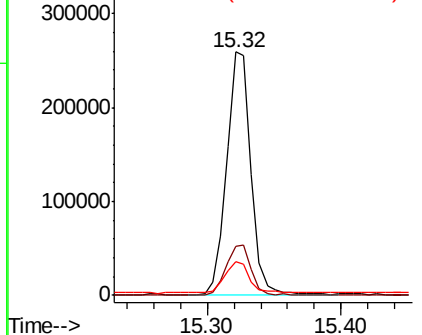
Tgt Ion:	252	Resp:	333129
Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.8	26.8
125	14.1	12.3	18.5



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: 31.310 ng

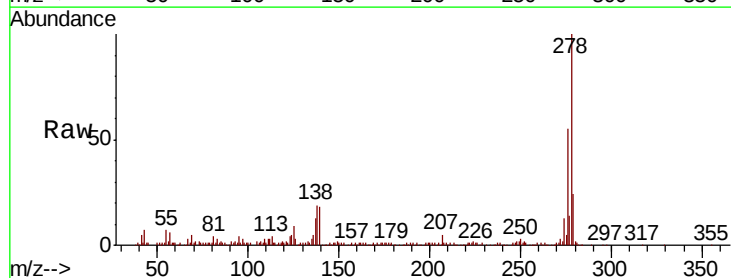
RT: 16.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BF111523.D

Acq: 16 Dec 2018 22:15

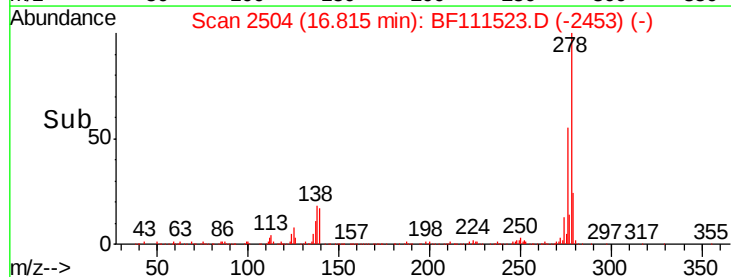
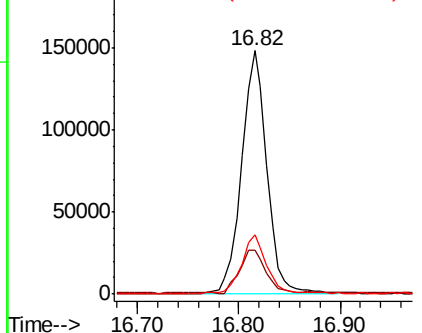
Tgt Ion:	278	Resp:	257441
Ion	Ratio	Lower	Upper
278	100		
139	17.9	18.2	27.4#
279	24.4	19.0	28.6

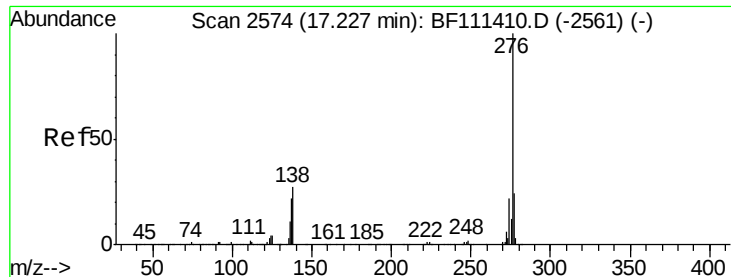


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

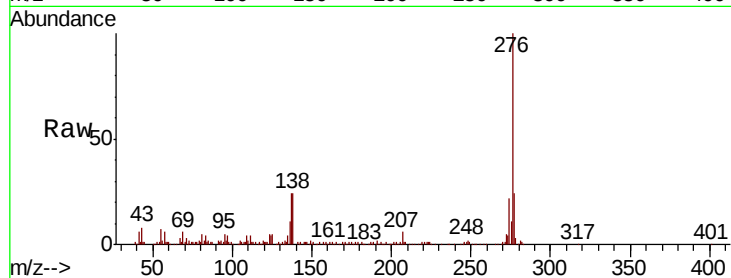




#92
 Benzo(g,h,i)perylene
 Concen: 30.654 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BF111523.D
 Acq: 16 Dec 2018 22:15

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.4	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

