

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111513.D
 Acq On : 16 Dec 2018 17:24
 Operator : JU/SJ
 Sample : J6391-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Quant Time: Dec 17 06:42:16 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	142957	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	572312	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	235921	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	326074	20.00	ng	0.00
76) Chrysene-d12	13.95	240	397032	20.00	ng	0.00
87) Perylene-d12	15.39	264	287152	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1127749	131.27	ng	0.00
7) Phenol-d6	6.44	99	1362687	119.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	735072	76.48	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	168432	79.70	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1151633	75.40	ng	0.00
79) Terphenyl-d14	12.90	244	958618	56.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	129258	31.153	ng	99
3) Pyridine	3.28	79	175396	16.831	ng	95
4) n-Nitrosodimethylamine	3.19	42	182309	38.515	ng	87
6) Aniline	6.45	93	88567	6.248	ng	# 1
8) 2-Chlorophenol	6.58	128	405690	39.523	ng	95
9) Benzaldehyde	6.33	77	119969	17.309	ng	97
10) Phenol	6.45	94	541899	42.569	ng	97
11) bis(2-Chloroethyl)ether	6.52	93	360997	36.176	ng	99
12) 1,3-Dichlorobenzene	6.73	146	353121	31.252	ng	97
13) 1,4-Dichlorobenzene	6.81	146	358966	31.299	ng	99
14) 1,2-Dichlorobenzene	6.96	146	341738	31.673	ng	97
15) Benzyl Alcohol	6.93	79	276764	31.830	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	613389	31.481	ng	98
17) 2-Methylphenol	7.06	107	255945	30.982	ng	# 94
18) Hexachloroethane	7.30	117	122353	28.666	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	224512	29.779	ng	93
20) 3+4-Methylphenols	7.20	107	330538	31.898	ng	# 79
22) Acetophenone	7.20	105	464959	36.394	ng	# 89
24) Nitrobenzene	7.37	77	331109	33.773	ng	99
25) Isophorone	7.61	82	594792	36.576	ng	100
26) 2-Nitrophenol	7.69	139	155643	30.612	ng	97
27) 2,4-Dimethylphenol	7.73	122	280241	38.020	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	386749	34.451	ng	99
29) 2,4-Dichlorophenol	7.93	162	257487	32.724	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	277859	33.733	ng	100
31) Naphthalene	8.09	128	939146	35.084	ng	98
32) Benzoic acid	7.83	122	113532	17.824	ng	98
33) 4-Chloroaniline	8.15	127	67312	5.655	ng	# 95
34) Hexachlorobutadiene	8.22	225	149969	33.047	ng	97
35) Caprolactam	8.50	113	63381	21.695	ng	99
36) 4-Chloro-3-methylphenol	8.63	107	259233	29.931	ng	96
37) 2-Methylnaphthalene	8.79	142	630636	34.816	ng	98
38) 1-Methylnaphthalene	8.89	142	579381	33.109	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	248147	38.354	ng	98

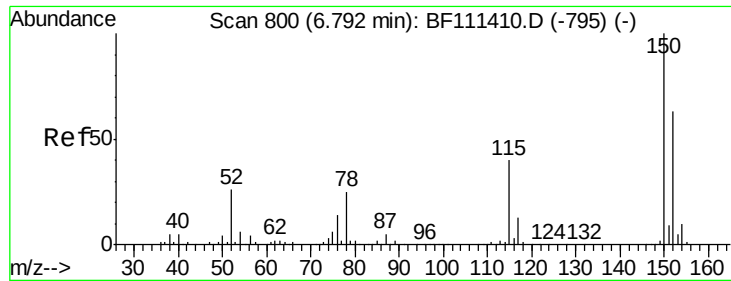
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	59352	17.868	ng	97
43) 2,4,6-Trichlorophenol	9.07	196	148745	32.483	ng	96
44) 2,4,5-Trichlorophenol	9.11	196	155526	31.917	ng	94
46) 1,1'-Biphenyl	9.25	154	708241	35.430	ng	93
47) 2-Chloronaphthalene	9.27	162	536957	35.338	ng	93
48) 2-Nitroaniline	9.37	65	161338	32.702	ng	90
49) Acenaphthylene	9.69	152	790164	35.034	ng	95
50) Dimethylphthalate	9.55	163	666080	39.203	ng	98
51) 2,6-Dinitrotoluene	9.61	165	125561	32.831	ng	93
52) Acenaphthene	9.86	154	452910	31.771	ng	98
53) 3-Nitroaniline	9.77	138	70987	15.282	ng	90
54) 2,4-Dinitrophenol	9.88	184	4272	2.936	ng	# 65
55) Dibenzofuran	10.03	168	679530	32.840	ng	94
56) 4-Nitrophenol	9.95	139	161158	50.131	ng	98
57) 2,4-Dinitrotoluene	10.01	165	144214	28.730	ng	97
58) Fluorene	10.37	166	508611	33.888	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	103340	27.144	ng	98
60) Diethylphthalate	10.25	149	551563	32.048	ng	97
61) 4-Chlorophenyl-phenylether	10.36	204	230457	31.384	ng	95
62) 4-Nitroaniline	10.38	138	84278	18.327	ng	99
63) Azobenzene	10.52	77	490258	28.895	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	5206	2.828	ng	# 63
66) n-Nitrosodiphenylamine	10.48	169	426699	37.947	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	126193	35.907	ng	95
68) Hexachlorobenzene	10.93	284	141785	39.220	ng	97
69) Atrazine	11.01	200	118772	36.549	ng	98
70) Pentachlorophenol	11.12	266	127049	57.298	ng	96
71) Phenanthrene	11.33	178	622372	37.042	ng	94
72) Anthracene	11.39	178	630542	36.695	ng	94
73) Carbazole	11.54	167	570255	32.093	ng	95
74) Di-n-butylphthalate	11.87	149	724684	36.620	ng	95
75) Fluoranthene	12.52	202	855728	52.060	ng	99
78) Pyrene	12.75	202	882966	31.543	ng	96
80) Butylbenzylphthalate	13.37	149	378240	27.722	ng	99
81) Benzo(a)anthracene	13.95	228	764009	35.390	ng	98
83) Chrysene	13.98	228	669798	29.452	ng	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	582929	33.450	ng	99
85) Di-n-octyl phthalate	14.54	149	1050824	35.748	ng	95
86) Indeno(1,2,3-cd)pyrene	16.81	276	491391	29.938	ng	97
88) Benzo(b)fluoranthene	15.00	252	560046	33.453	ng	97
89) Benzo(k)fluoranthene	15.00	252	560046	35.010	ng	# 96
90) Benzo(a)pyrene	15.33	252	520896	34.504	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	415960	34.929	ng	96
92) Benzo(g,h,i)perylene	17.23	276	394471	33.746	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

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P001-SS015-0612-01MS

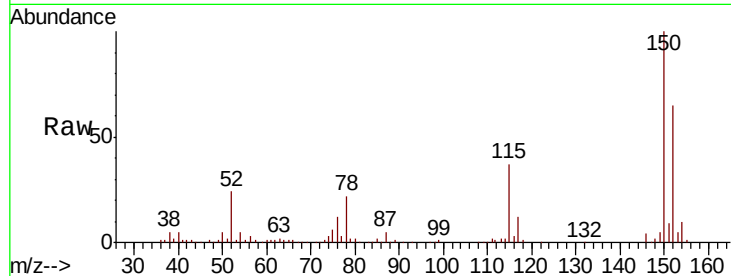
Tgt Ion:152 Resp: 142957

Ion Ratio Lower Upper

152 100

150 153.8 126.6 189.8

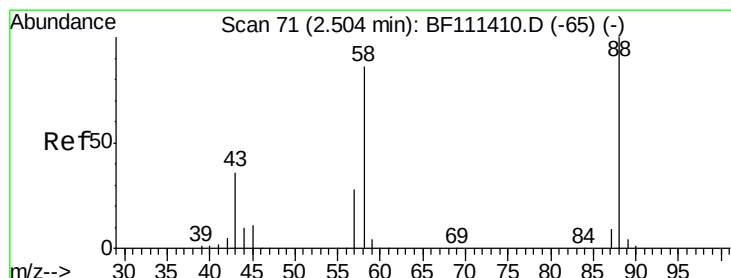
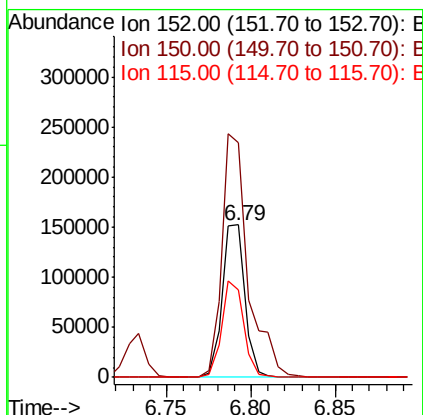
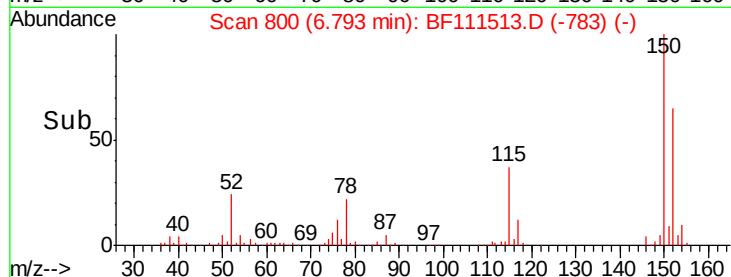
115 56.9 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.153 ng

RT: 2.52 min Scan# 74

Delta R.T. 0.02 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

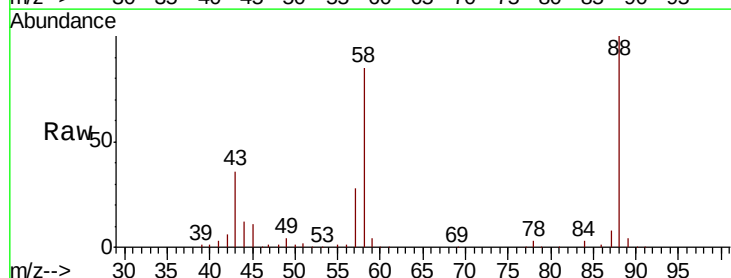
Tgt Ion: 88 Resp: 129258

Ion Ratio Lower Upper

88 100

58 85.4 68.9 103.3

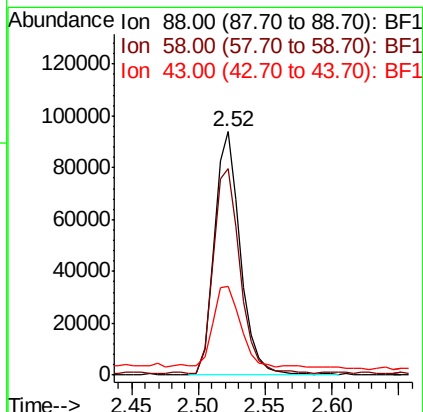
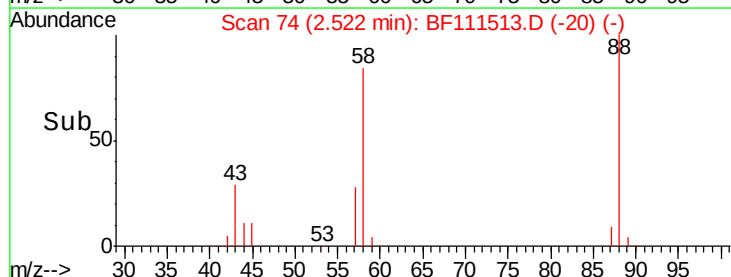
43 33.6 25.8 38.6

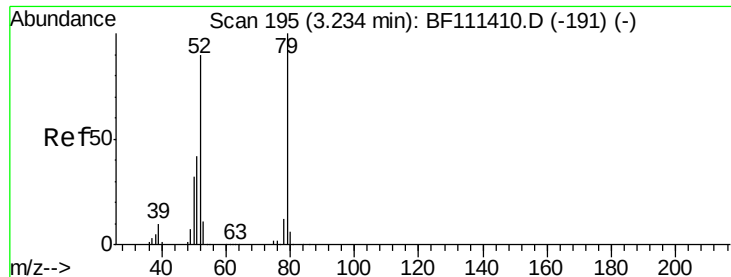


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 16.831 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.04 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

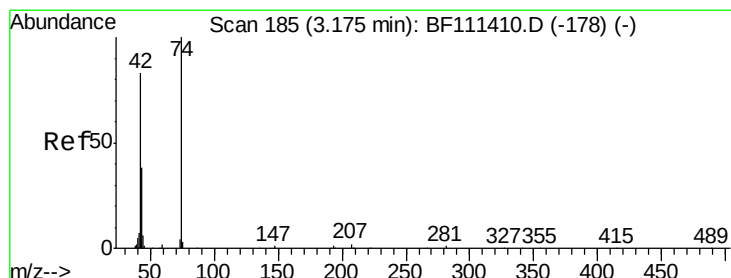
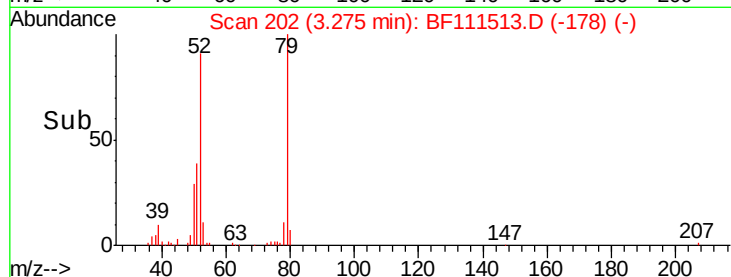
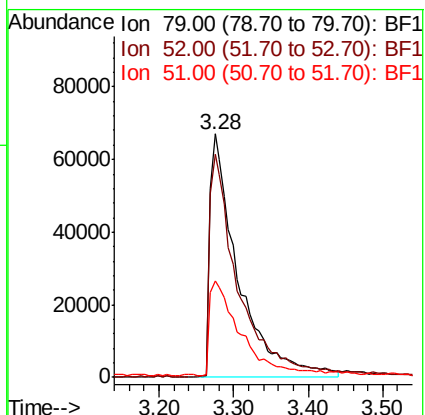
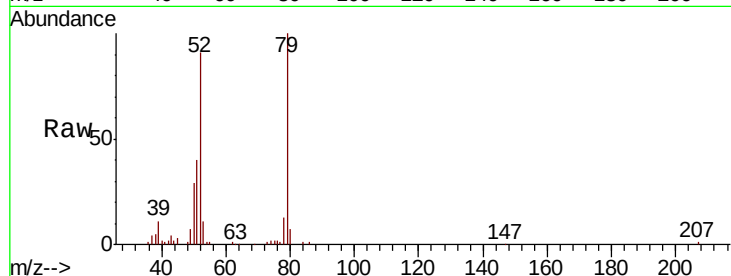
Tgt Ion: 79 Resp: 175396

Ion Ratio Lower Upper

79 100

52 91.5 68.3 102.5

51 39.6 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 38.515 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

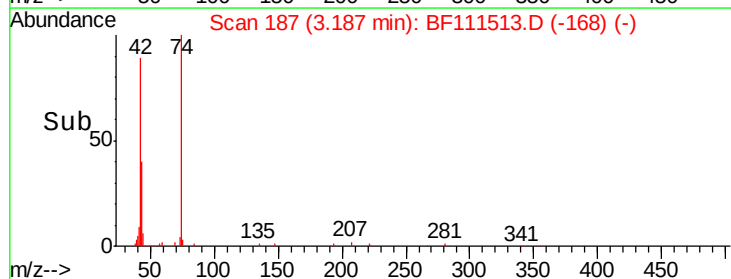
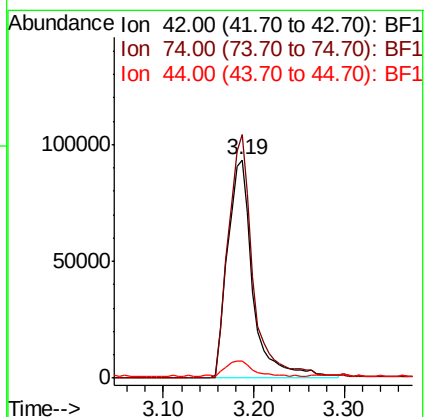
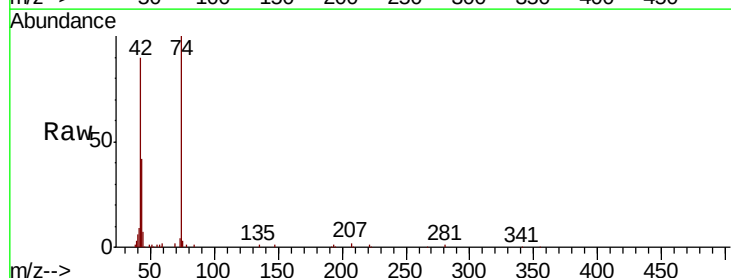
Tgt Ion: 42 Resp: 182309

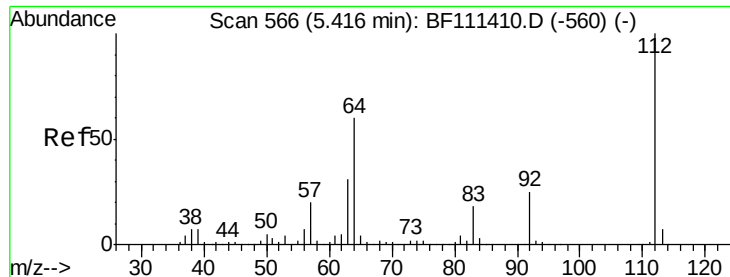
Ion Ratio Lower Upper

42 100

74 111.5 101.5 152.3

44 8.0 6.0 9.0





#5

2-Fluorophenol

Concen: 131.273 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

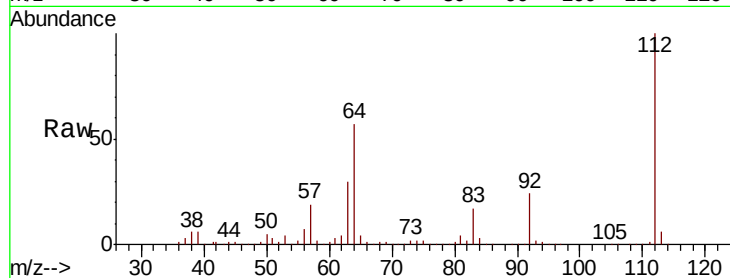
Tgt Ion: 112 Resp: 1127749

Ion Ratio Lower Upper

112 100

64 57.2 51.8 77.6

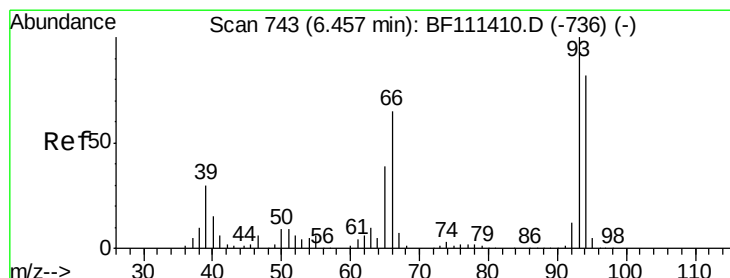
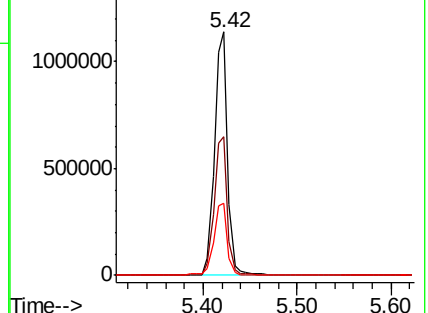
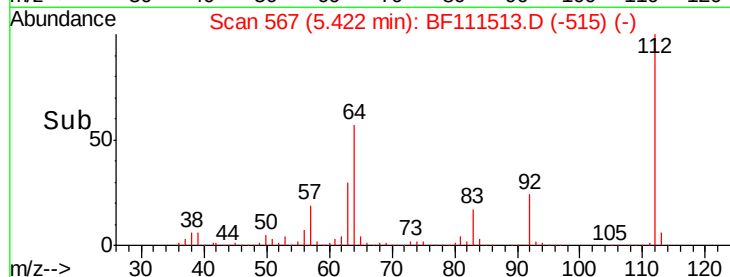
63 29.6 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.248 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

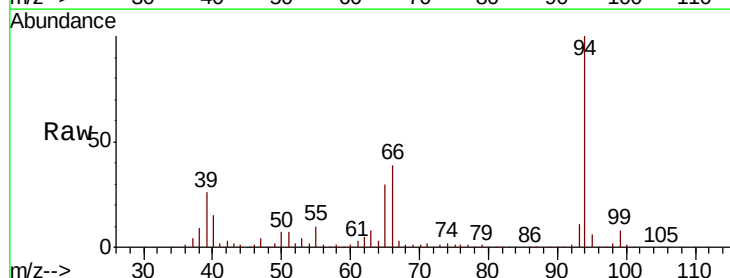
Tgt Ion: 93 Resp: 88567

Ion Ratio Lower Upper

93 100

66 359.5 33.2 49.8#

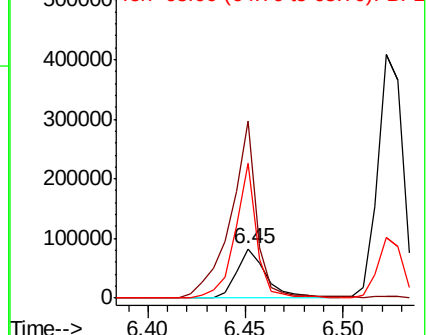
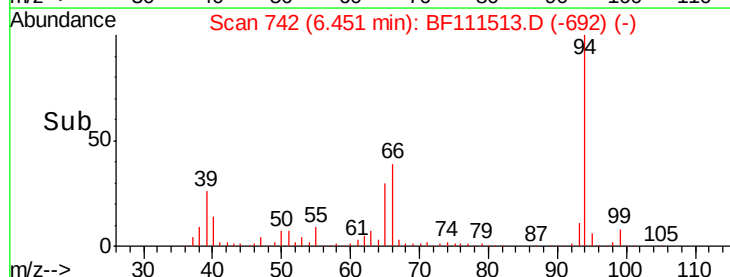
65 273.8 17.0 25.4#

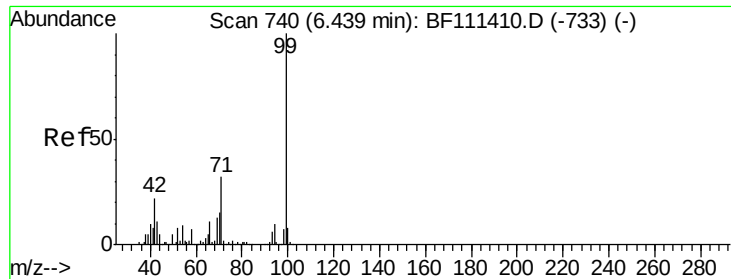


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.248 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

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BNA_F

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P001-SS015-0612-01MS

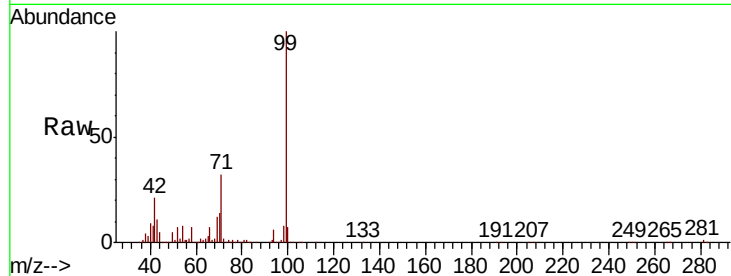
Tgt Ion: 99 Resp: 1362687

Ion Ratio Lower Upper

99 100

42 21.0 17.4 26.0

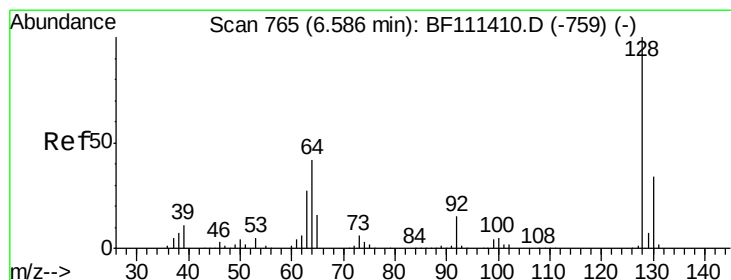
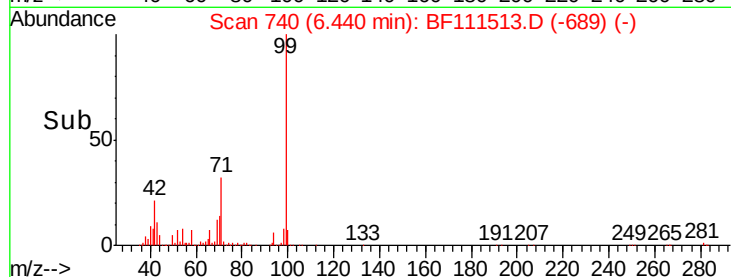
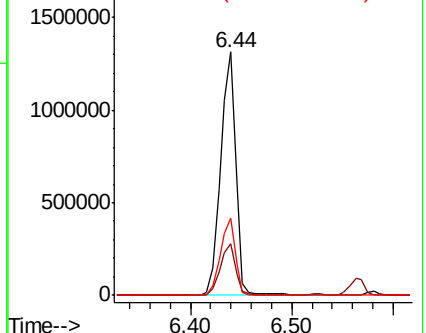
71 31.9 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.523 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

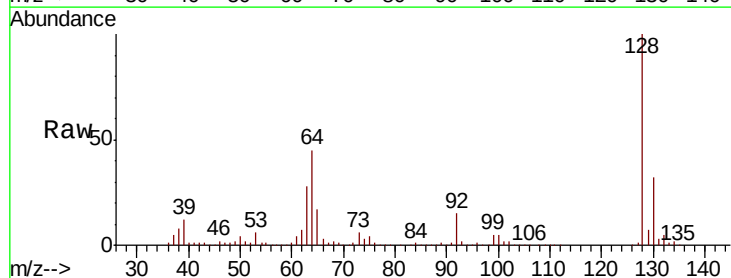
Tgt Ion: 128 Resp: 405690

Ion Ratio Lower Upper

128 100

130 31.8 12.7 52.7

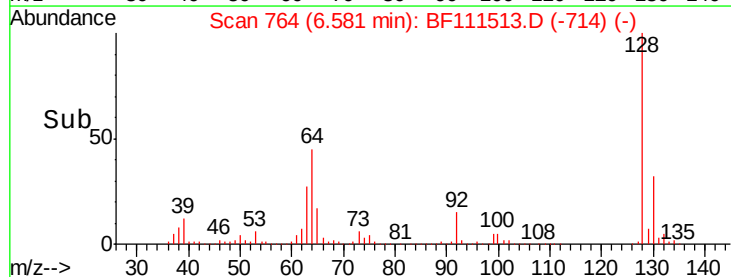
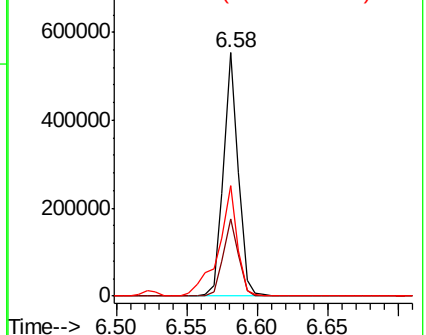
64 45.4 30.0 70.0

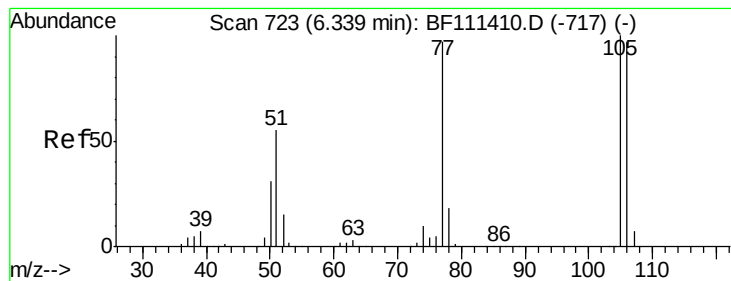


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.309 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

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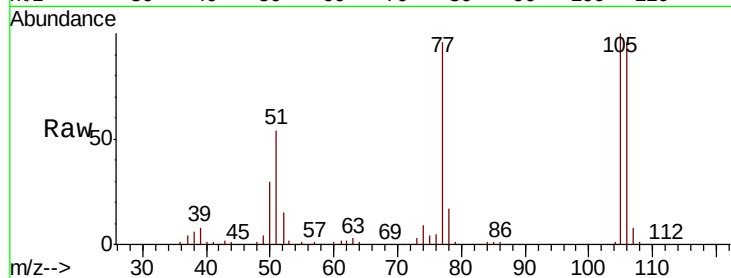
Tgt Ion: 77 Resp: 119969

Ion Ratio Lower Upper

77 100

105 104.1 81.4 121.4

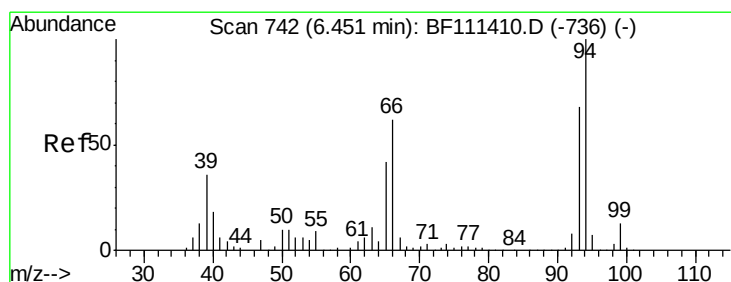
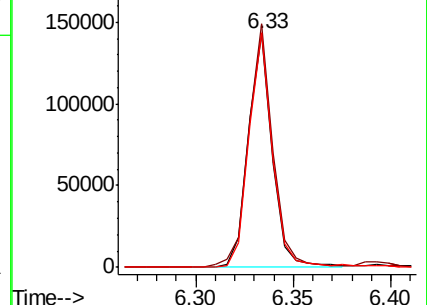
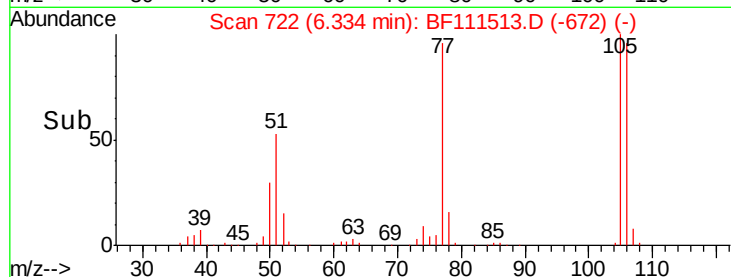
106 100.3 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.569 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

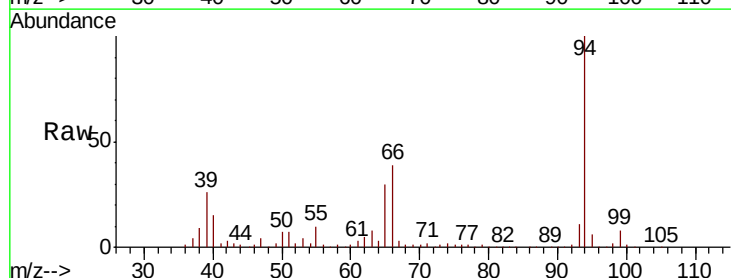
Tgt Ion: 94 Resp: 541899

Ion Ratio Lower Upper

94 100

65 29.9 11.7 51.7

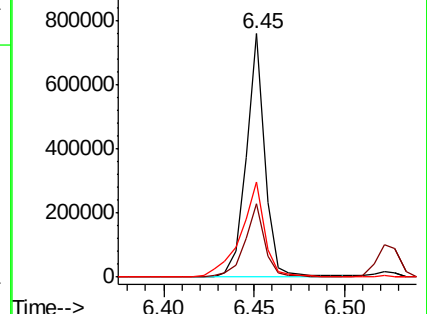
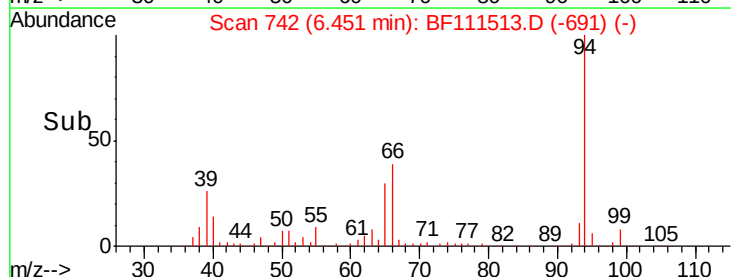
66 39.2 21.0 61.0

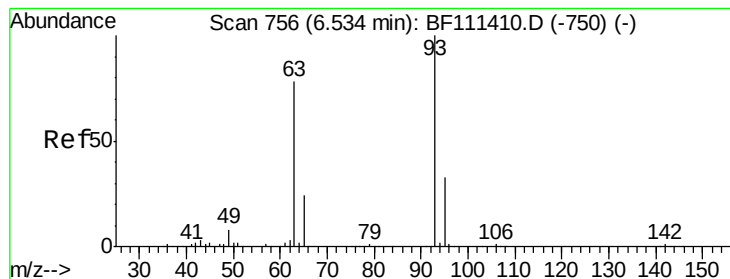


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.176 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

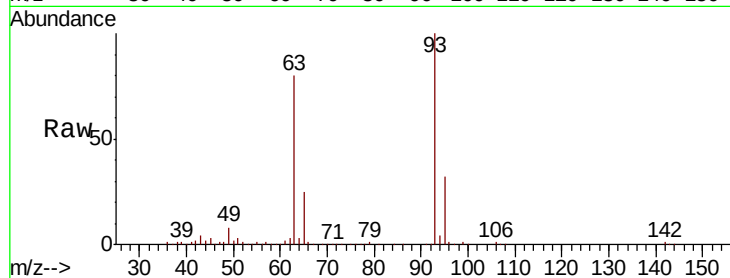
Tgt Ion: 93 Resp: 360997

Ion Ratio Lower Upper

93 100

63 80.4 60.0 100.0

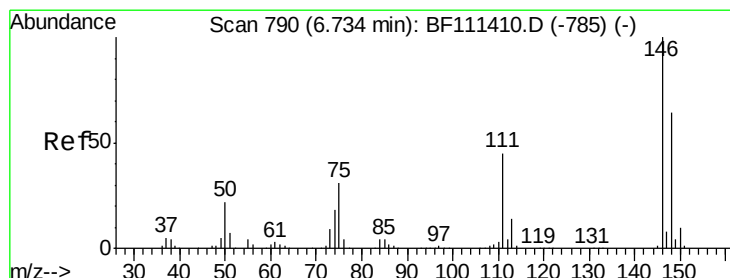
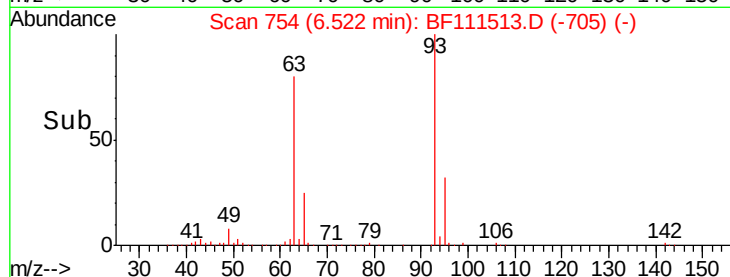
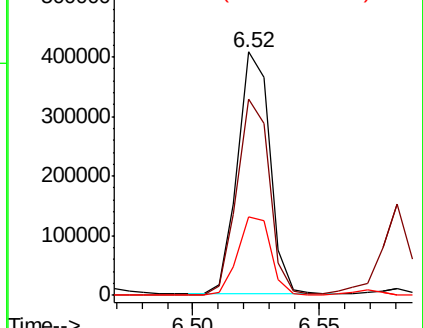
95 32.1 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 31.252 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

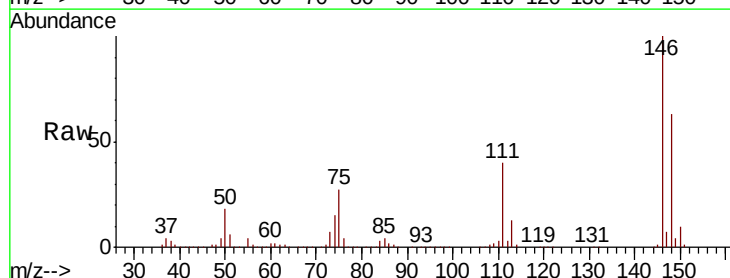
Tgt Ion: 146 Resp: 353121

Ion Ratio Lower Upper

146 100

148 63.4 52.1 78.1

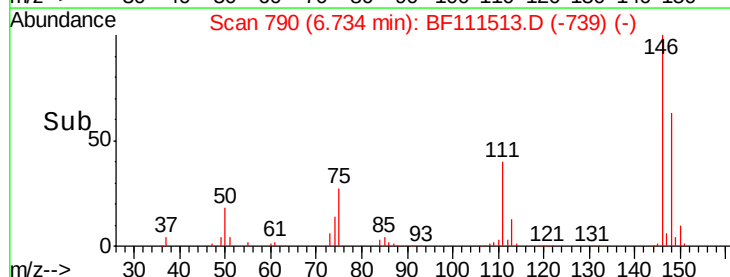
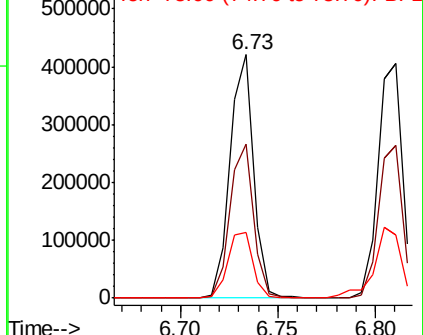
75 27.0 23.9 35.9

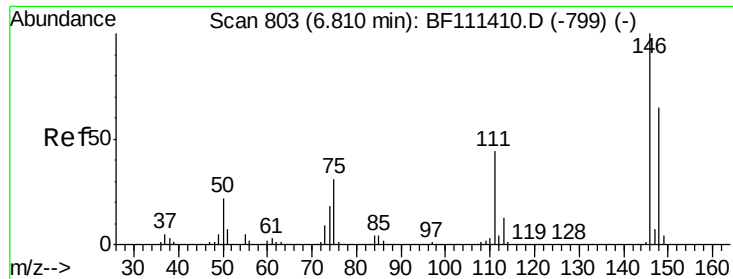


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

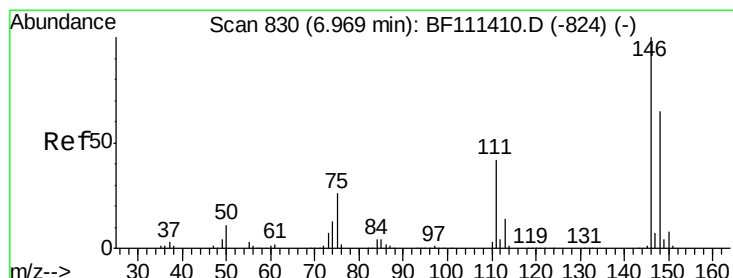
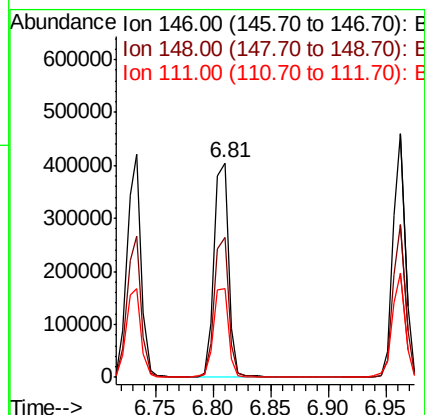
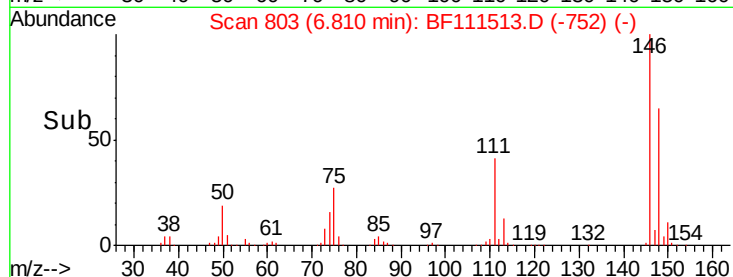
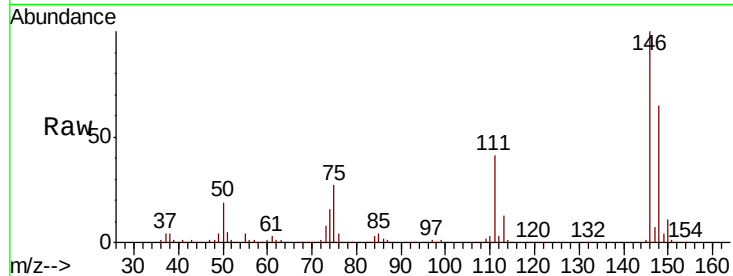




#13
 1,4-Dichlorobenzene
 Concen: 31.299 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

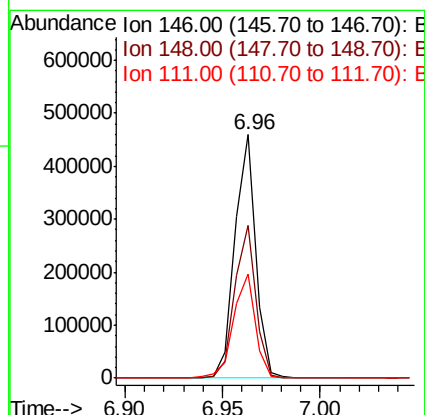
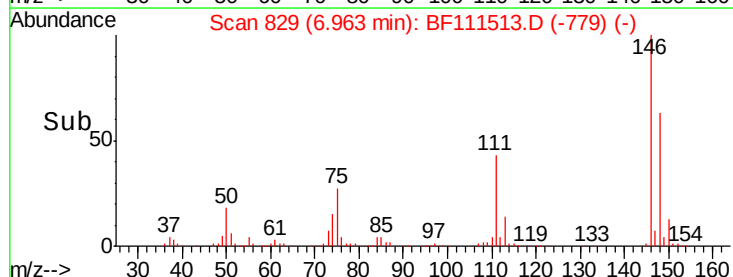
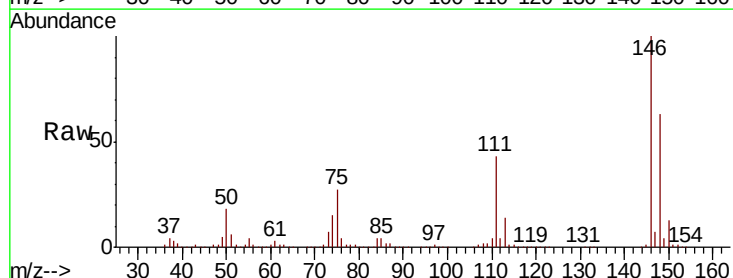
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

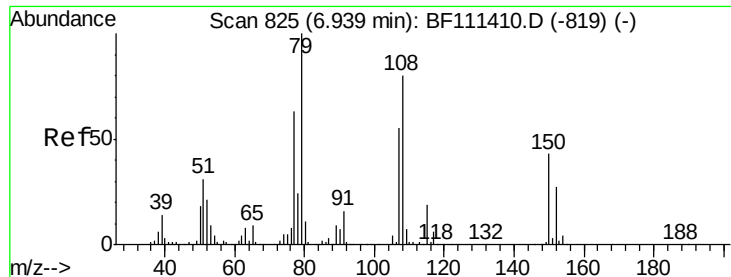
Tgt Ion:146 Resp: 358966
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.8 79.2
 111 41.2 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 31.673 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion:146 Resp: 341738
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.9 77.9
 111 42.6 36.2 54.4

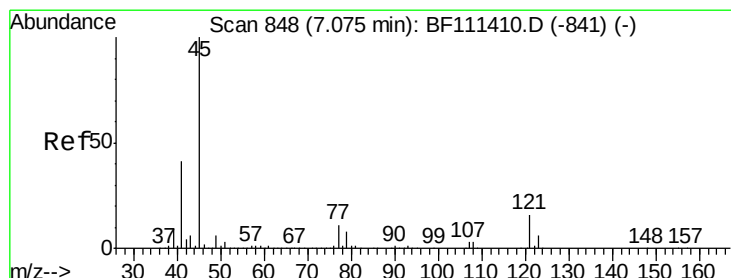
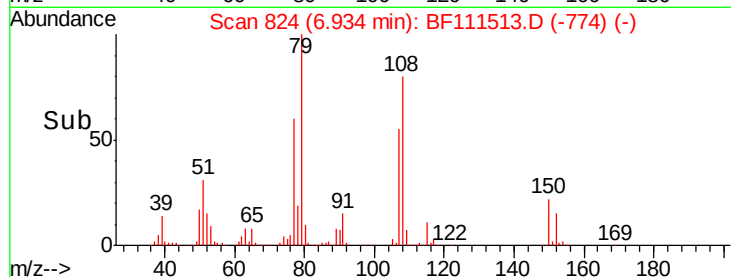
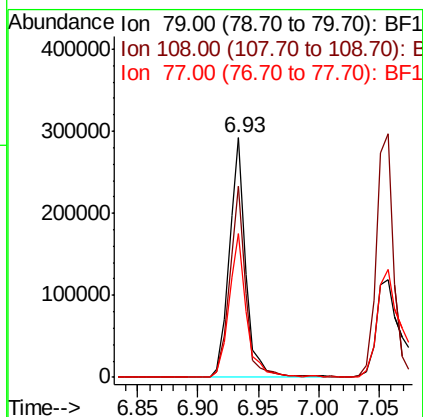
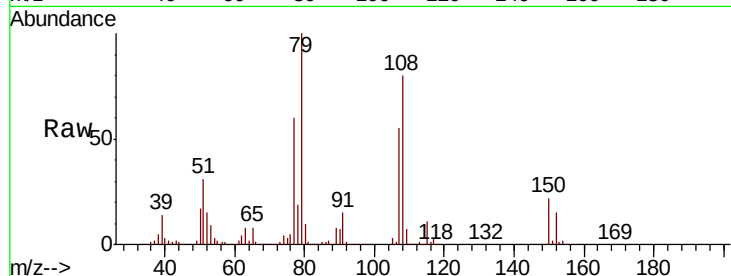




#15
Benzyl Alcohol
Concen: 31.830 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

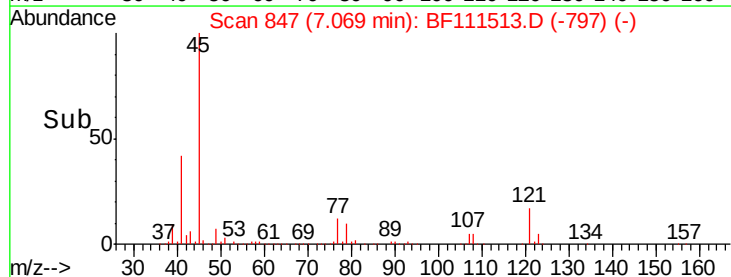
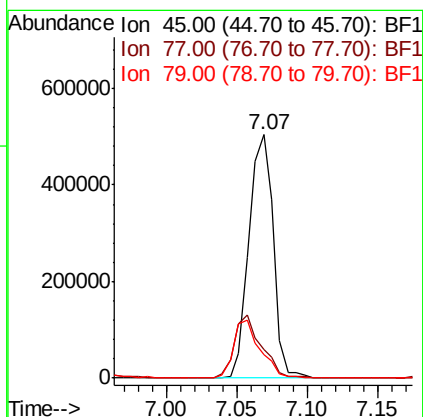
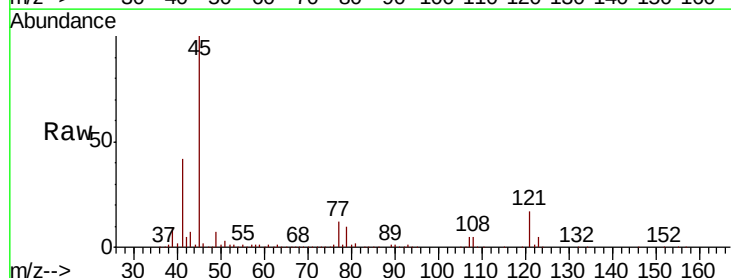
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

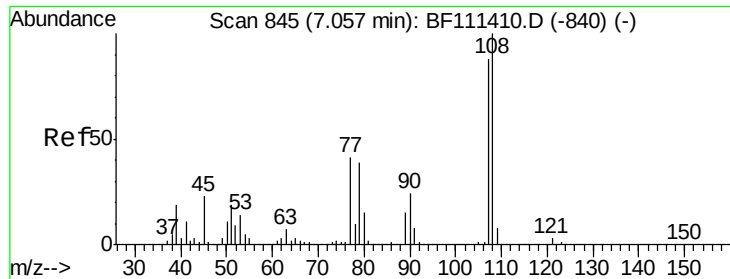
Tgt Ion: 79 Resp: 276764
Ion Ratio Lower Upper
79 100
108 79.9 69.4 104.2
77 59.9 49.7 74.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.481 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion: 45 Resp: 613389
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.5
79 9.7 0.0 28.9

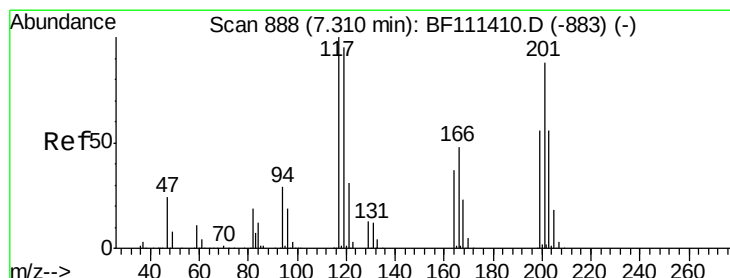
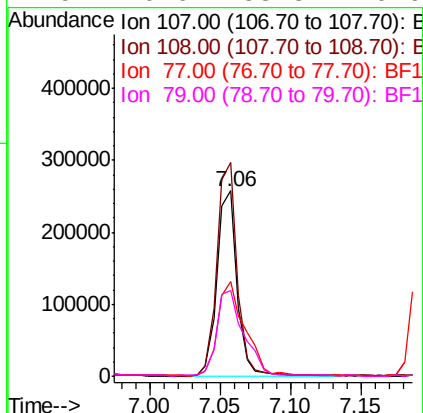
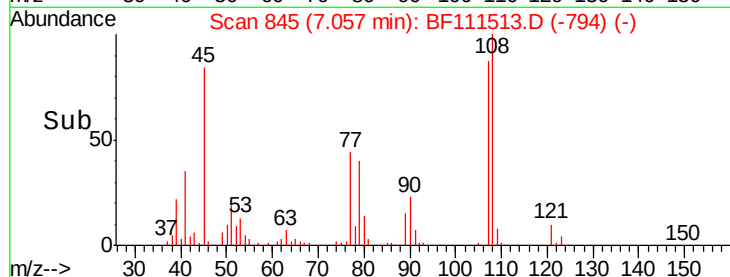
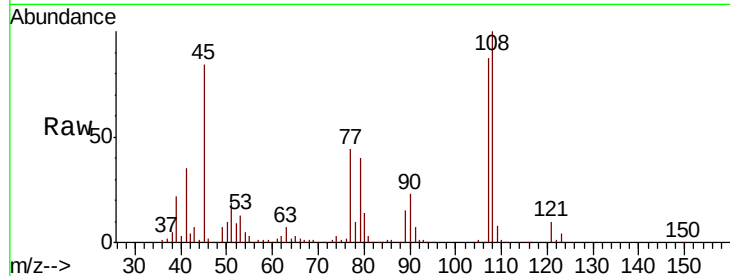




#17
2-Methylphenol
Concen: 30.982 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

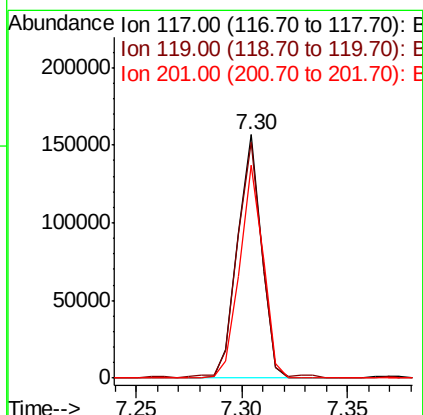
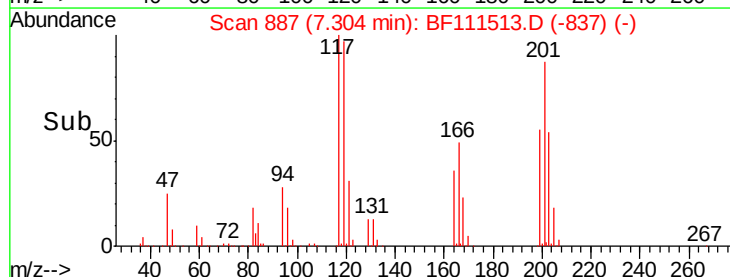
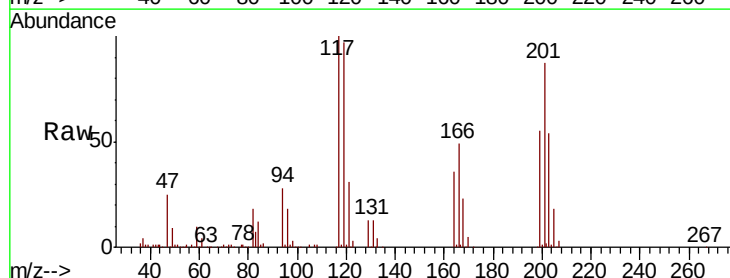
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

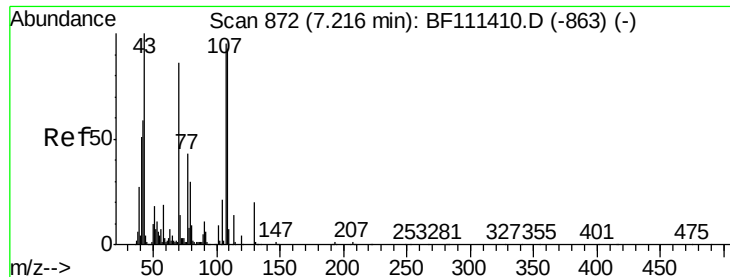
Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.0	136.4
77	51.1	33.5	50.3
79	46.6	33.3	49.9



#18
Hexachloroethane
Concen: 28.666 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.0
201	87.3	62.4	93.6

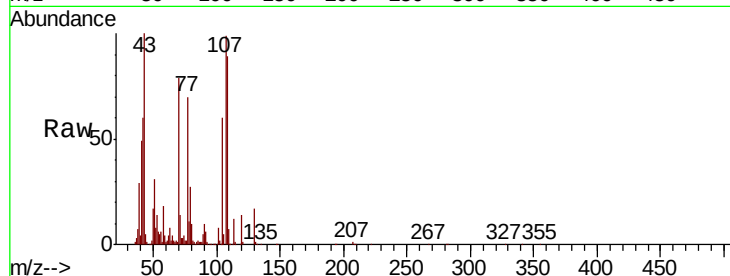




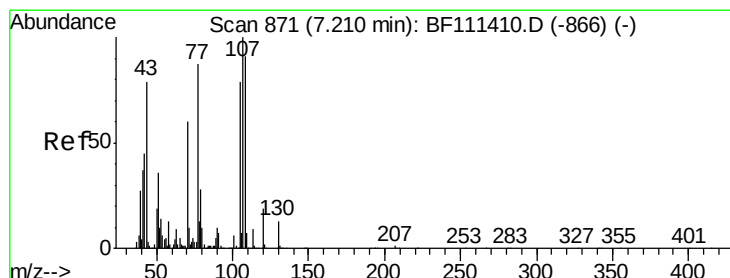
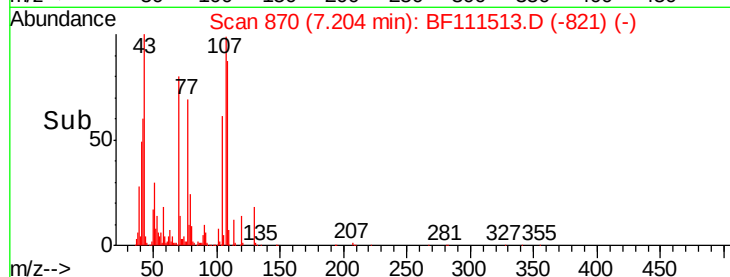
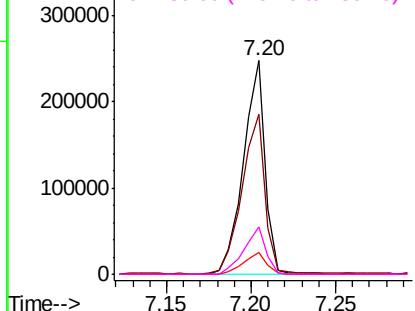
#19
n-Nitroso-di-n-propylamine
Concen: 29.779 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion:	70	Resp:	224512
Ion	Ratio	Lower	Upper
70	100		
42	75.1	53.2	79.8
101	10.3	8.2	12.4
130	22.0	18.1	27.1

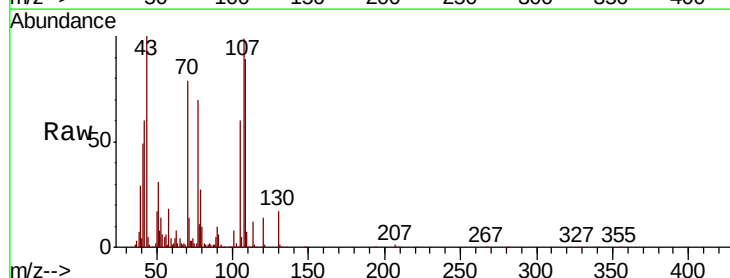


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

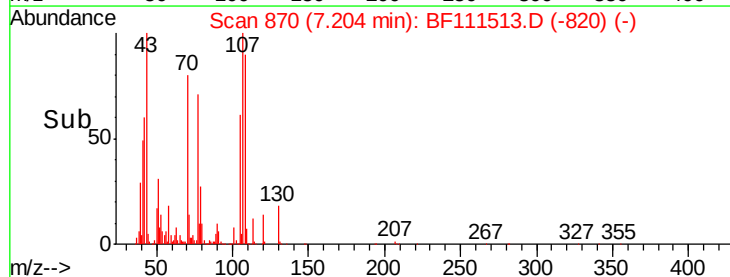
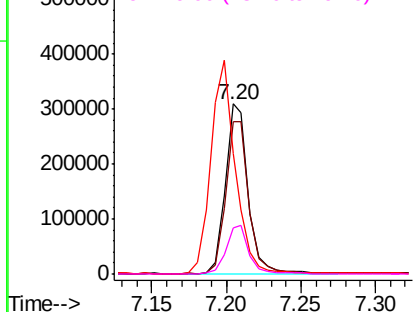


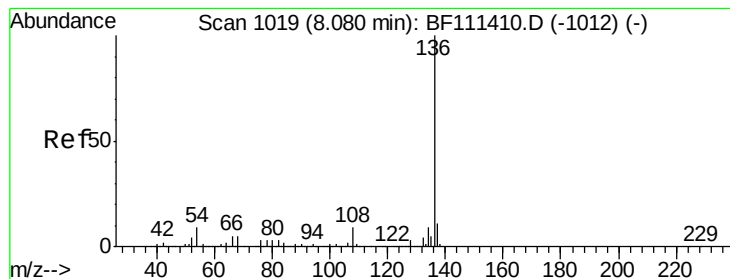
#20
3+4-Methylphenols
Concen: 31.898 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion:	107	Resp:	330538
Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.1	112.1
77	71.1	94.1	134.1#
79	26.8	9.8	49.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion:136 Resp: 572312

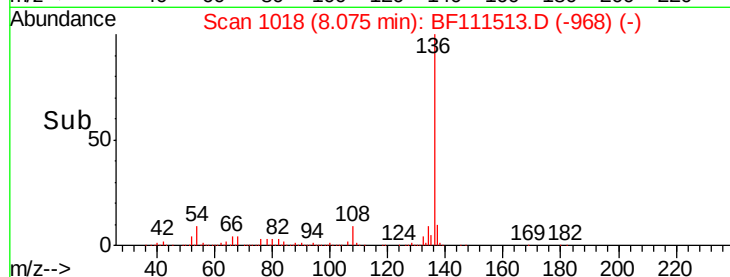
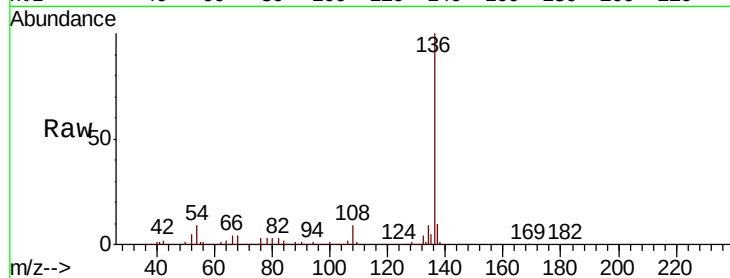
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 8.6 7.7 11.5

68 4.3 4.9 7.3#

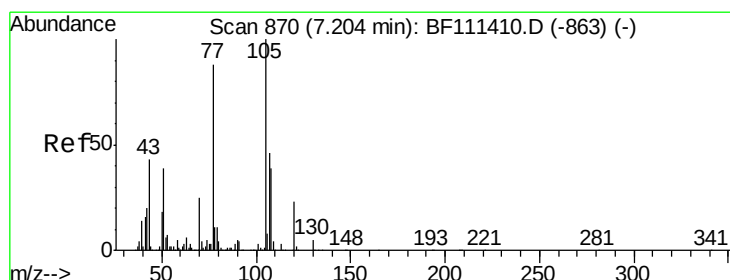
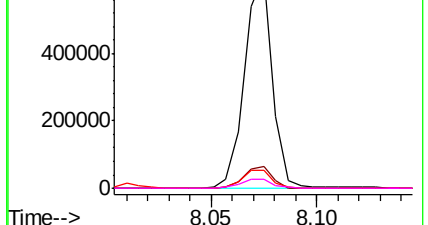


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.394 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Tgt Ion:105 Resp: 464959

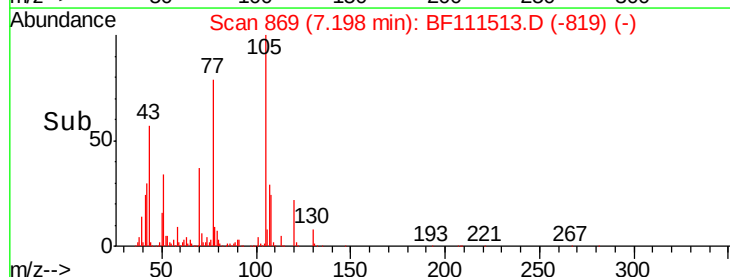
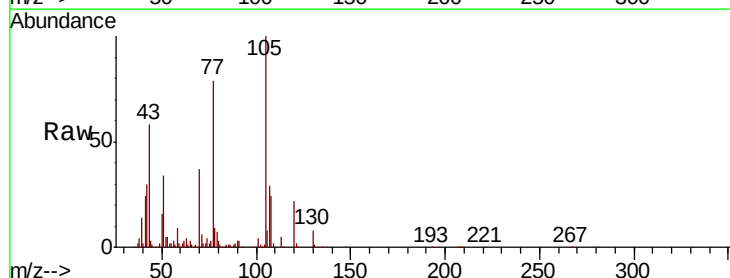
Ion Ratio Lower Upper

105 100

71 6.4 3.1 4.7#

51 34.4 36.6 54.8#

120 22.4 18.2 27.4

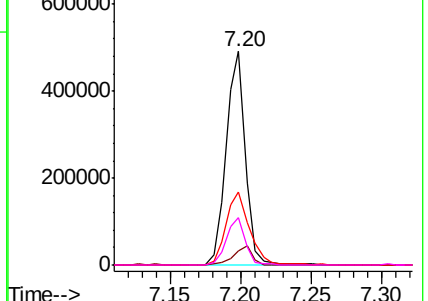


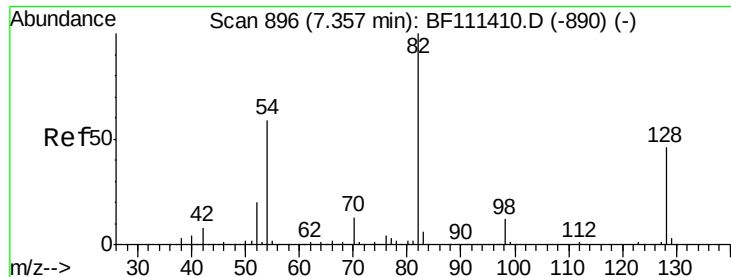
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

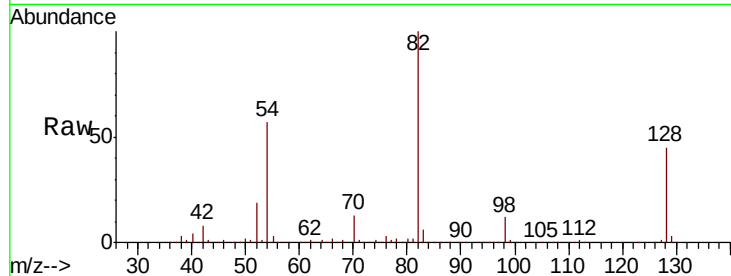




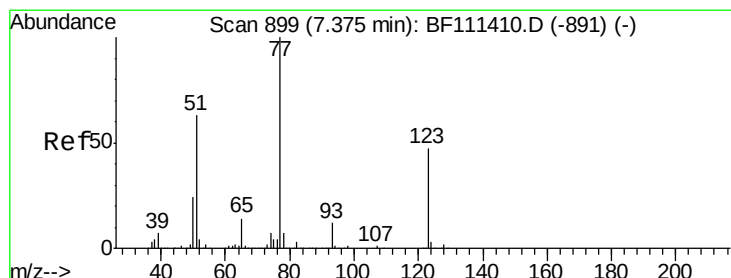
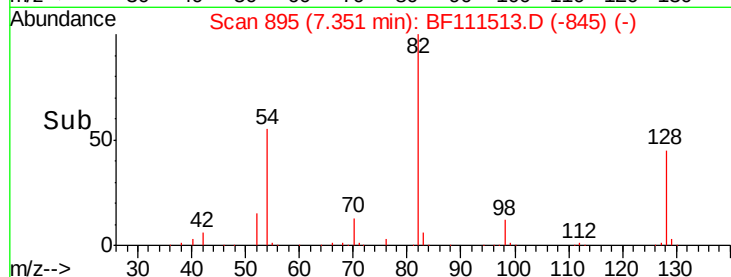
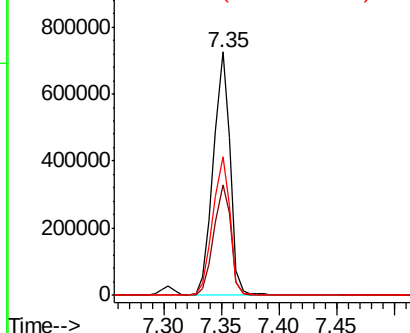
#23
Nitrobenzene-d5
Concen: 76.484 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 82 Resp: 735072
Ion Ratio Lower Upper
82 100
128 45.1 37.4 56.2
54 56.8 47.6 71.4

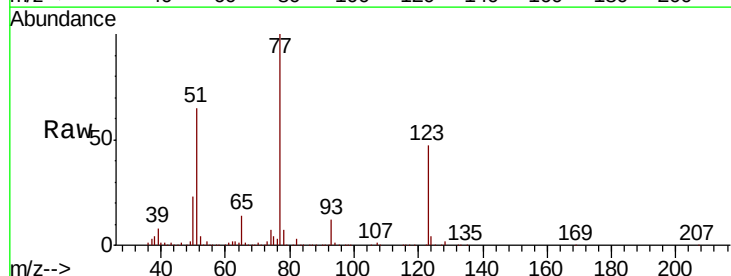


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

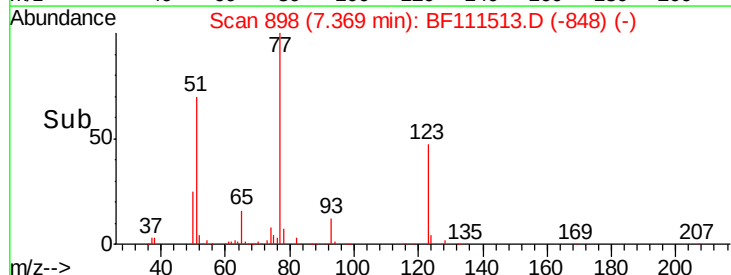
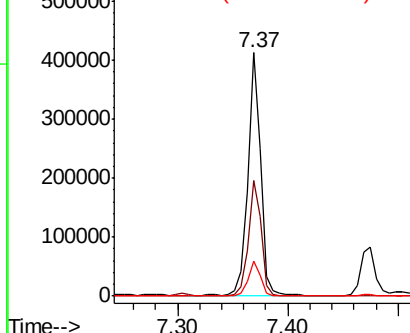


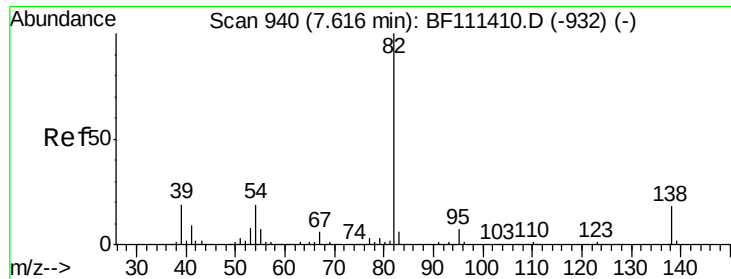
#24
Nitrobenzene
Concen: 33.773 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion: 77 Resp: 331109
Ion Ratio Lower Upper
77 100
123 47.5 37.2 55.8
65 14.4 11.5 17.3



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





#25

Isophorone

Concen: 36.576 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

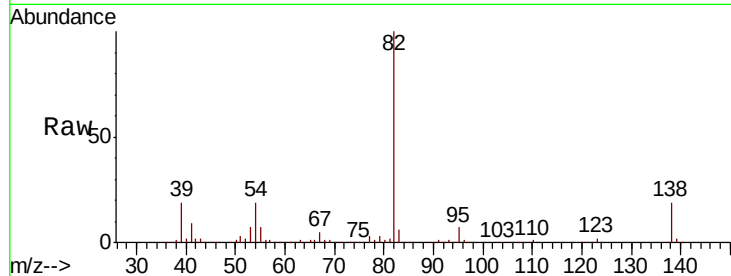
Tgt Ion: 82 Resp: 594792

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

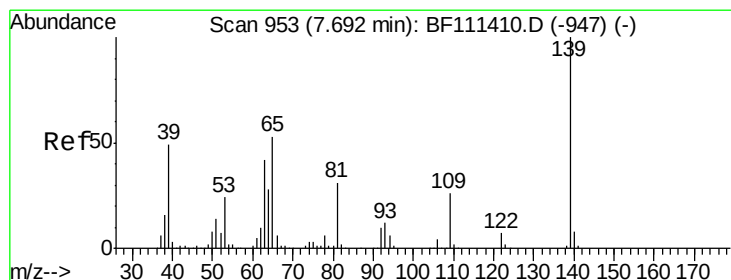
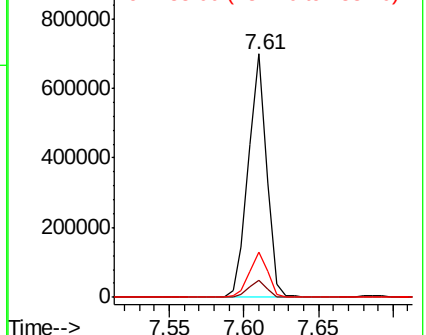
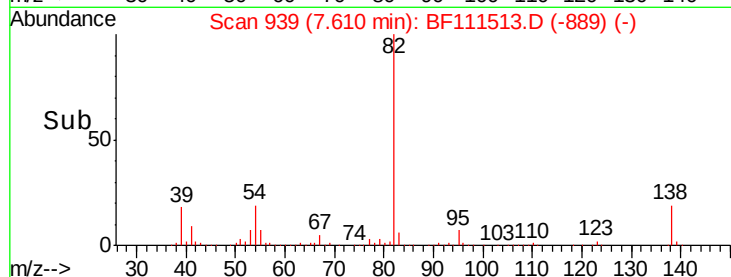
138 18.7 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 30.612 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

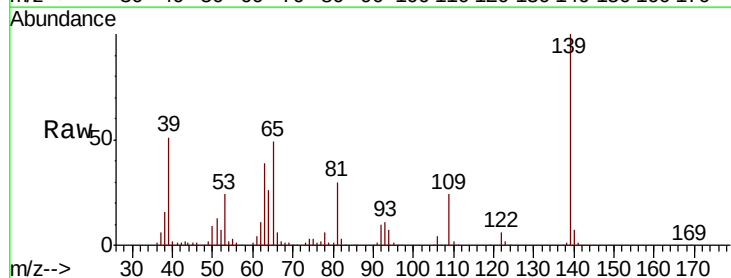
Tgt Ion: 139 Resp: 155643

Ion Ratio Lower Upper

139 100

109 23.9 20.2 30.4

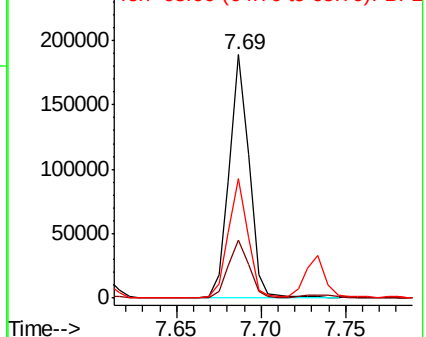
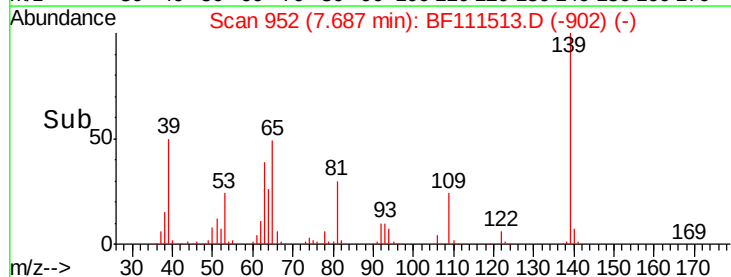
65 49.1 40.7 61.1

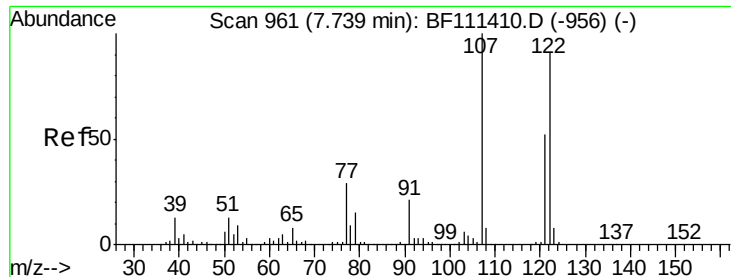


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

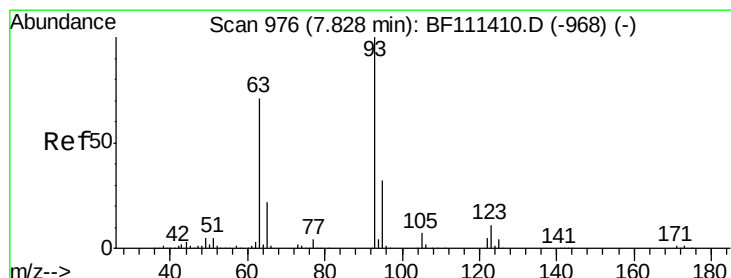
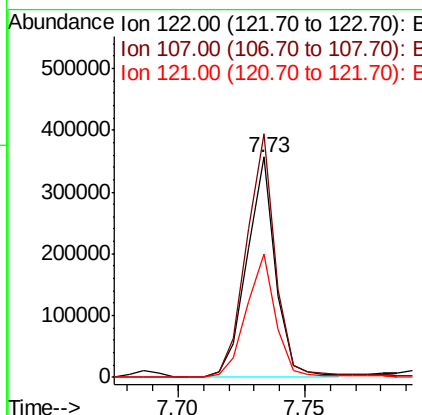
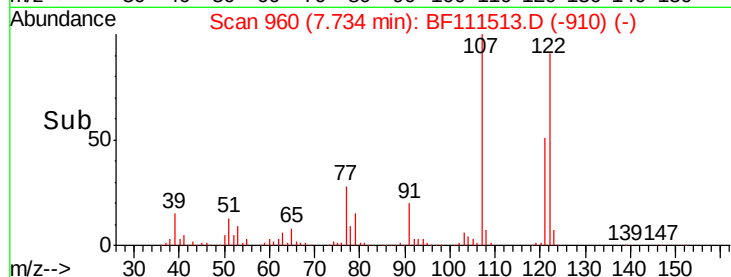
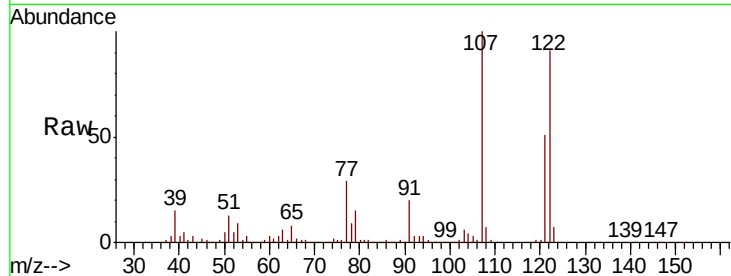




#27
2,4-Dimethylphenol
Concen: 38.020 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

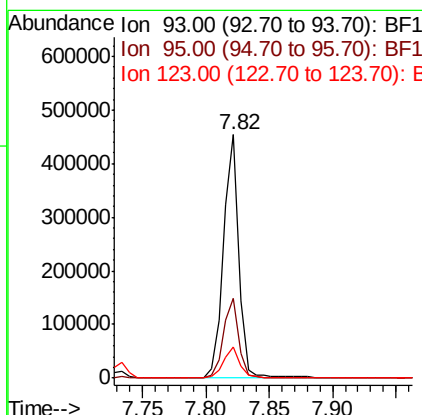
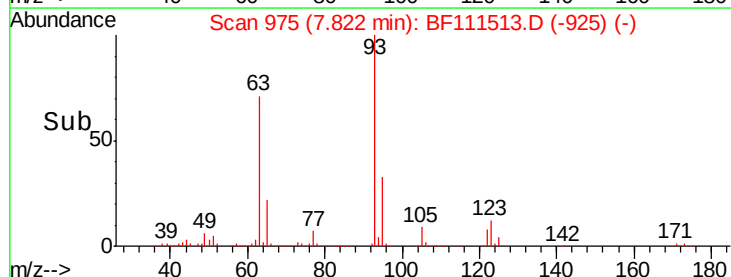
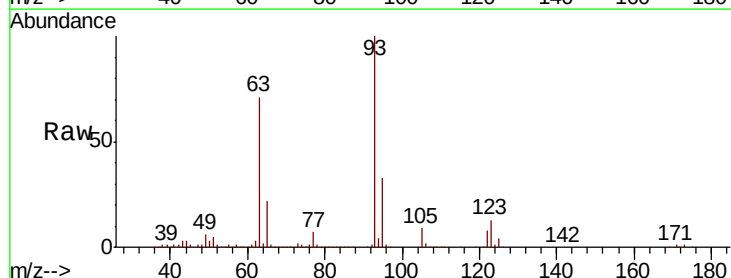
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

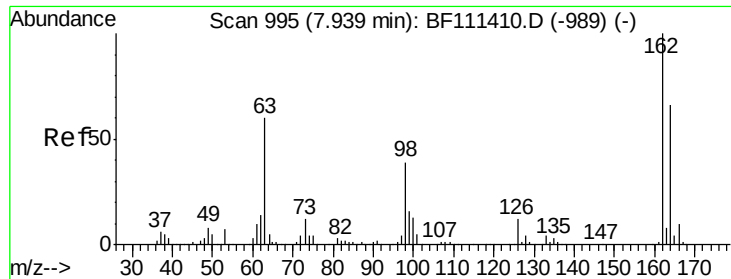
Tgt Ion:122 Resp: 280241
Ion Ratio Lower Upper
122 100
107 110.4 85.5 128.3
121 56.1 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 34.451 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion: 93 Resp: 386749
Ion Ratio Lower Upper
93 100
95 32.8 27.1 40.7
123 12.5 9.9 14.9

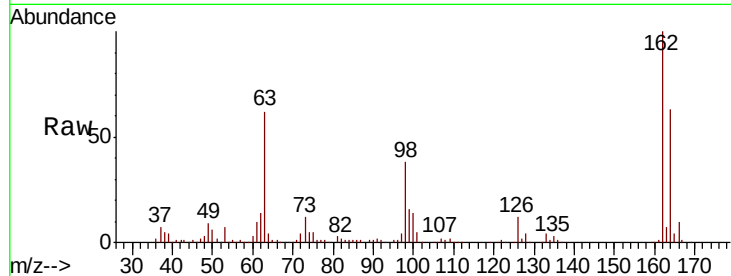




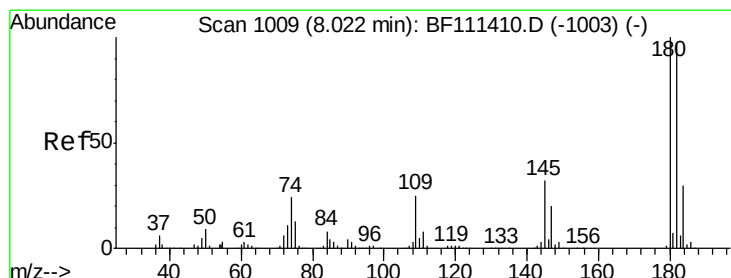
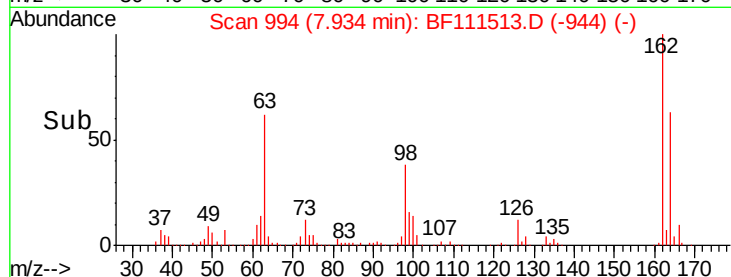
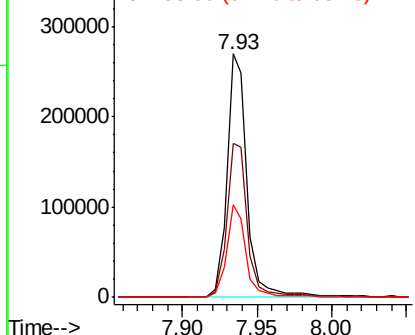
#29
 2,4-Dichlorophenol
 Concen: 32.724 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.4	84.4
98	38.0	20.3	60.3

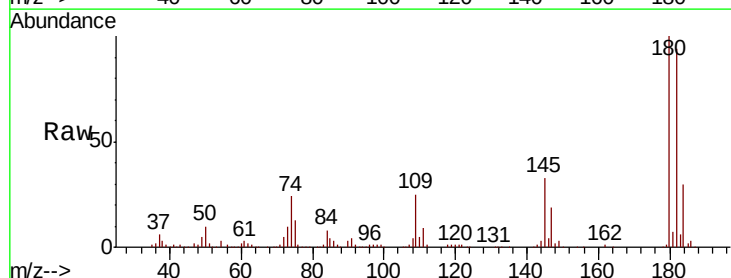


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

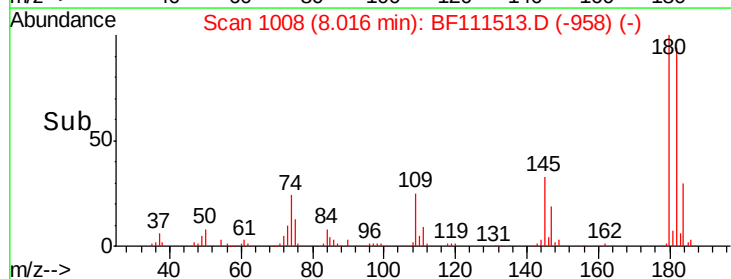
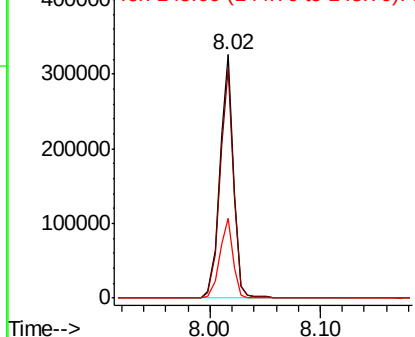


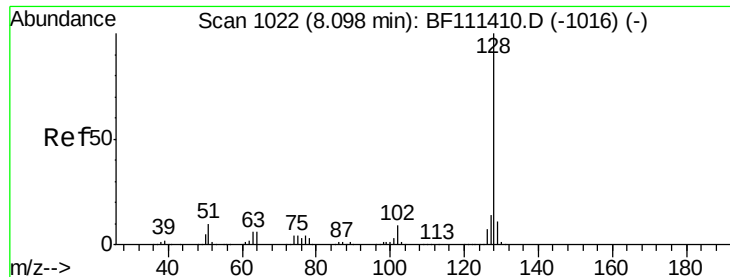
#30
 1,2,4-Trichlorobenzene
 Concen: 33.733 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.6	113.4
145	32.7	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

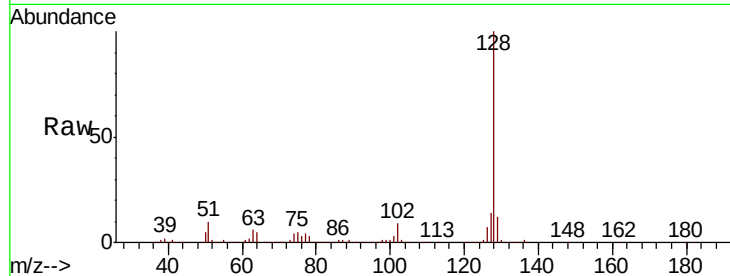




#31
Naphthalene
Concen: 35.084 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.8	12.0	18.0

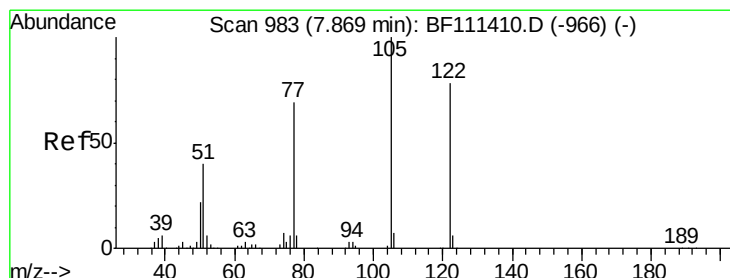
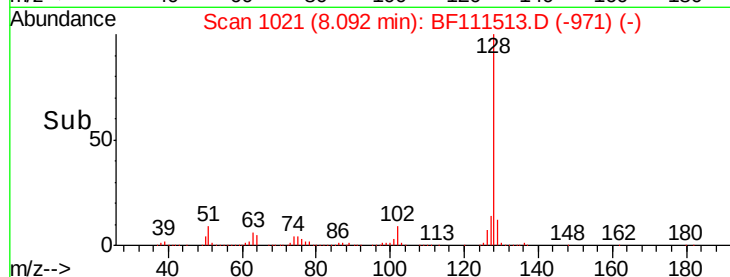
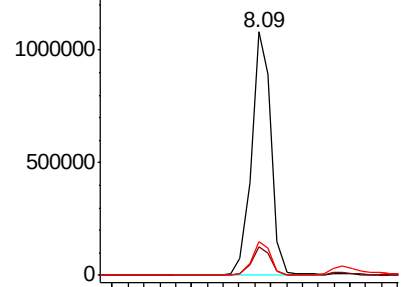


Abundance

Ion 128.00 (127.70 to 128.70): E

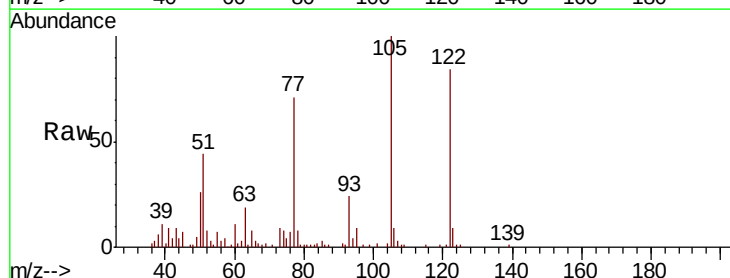
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 17.824 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.04 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.1	97.0	137.0
77	84.3	65.7	105.7

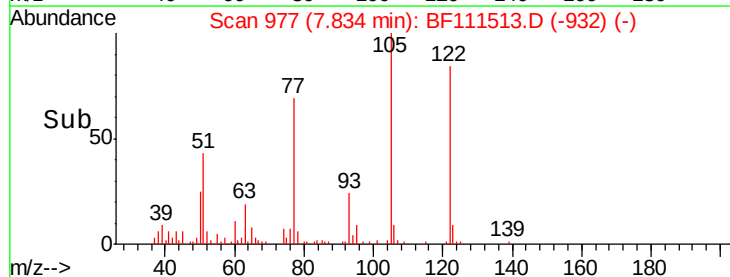
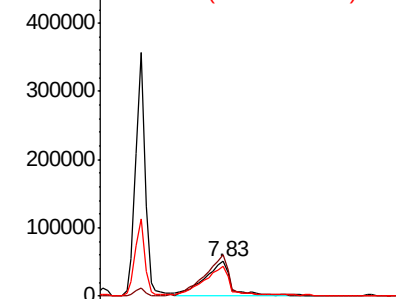


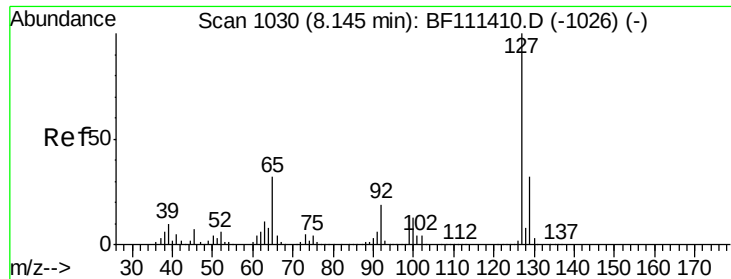
Abundance

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

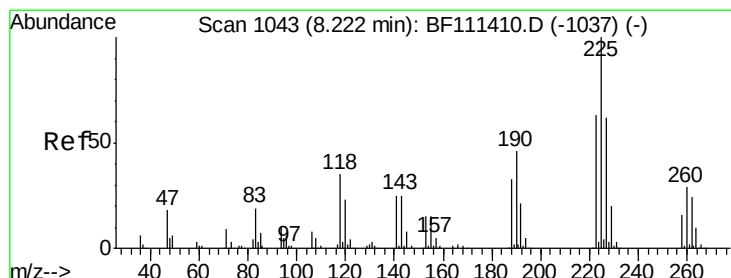
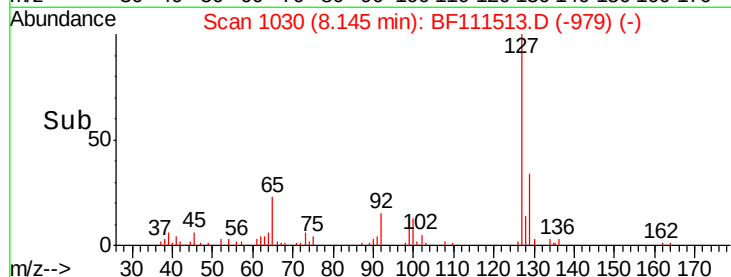
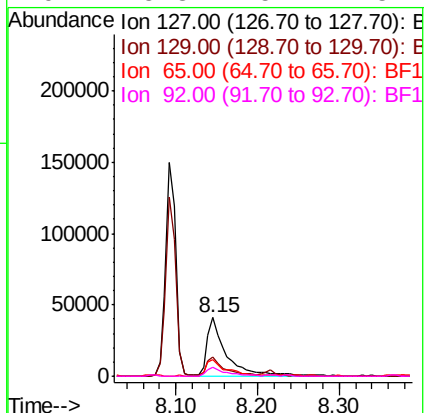
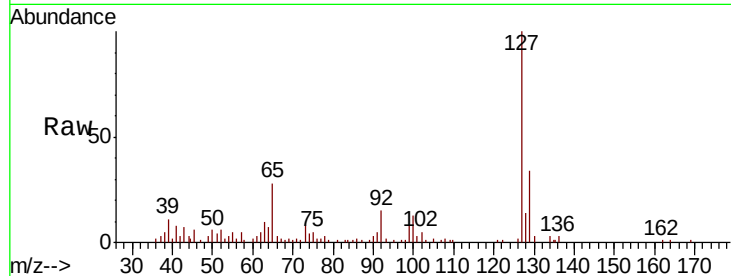




#33
4-Chloroaniline
Concen: 5.655 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

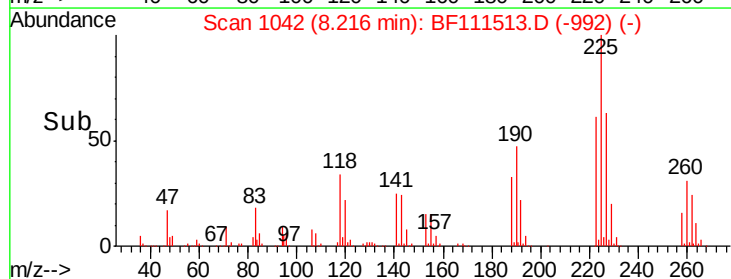
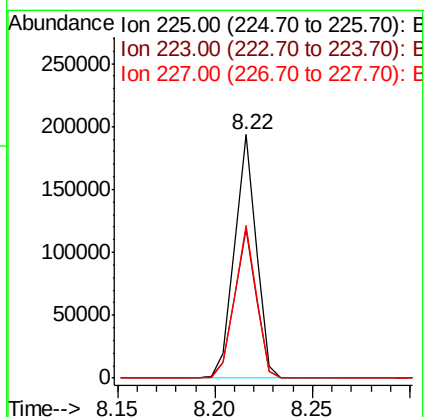
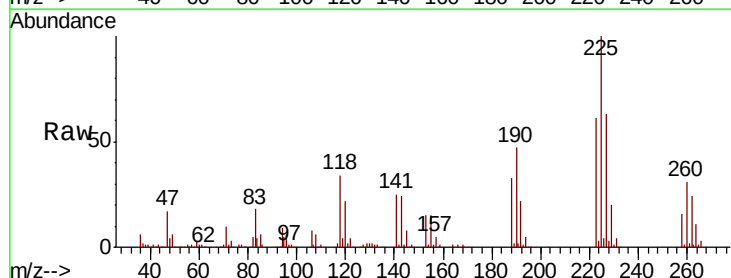
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

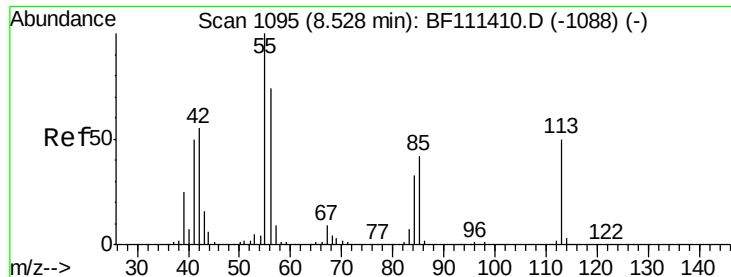
Tgt Ion:	127	Resp:	67312
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.6	39.8
65	28.0	25.7	38.5
92	15.3	15.4	23.2#



#34
Hexachlorobutadiene
Concen: 33.047 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion:	225	Resp:	149969
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.7	76.1
227	63.0	52.6	78.8

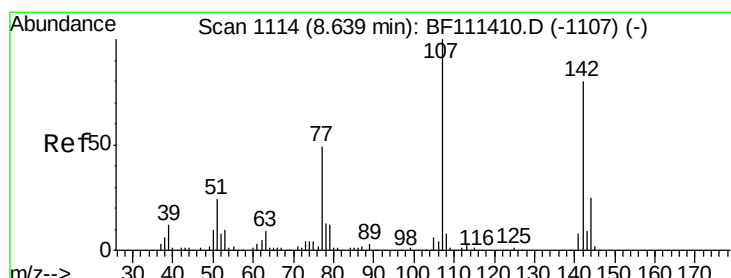
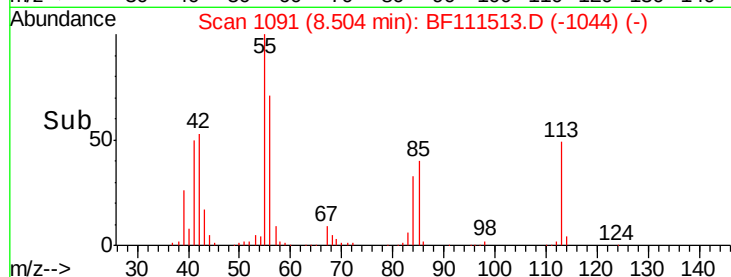
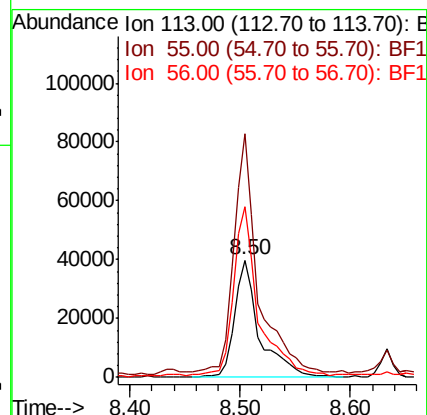
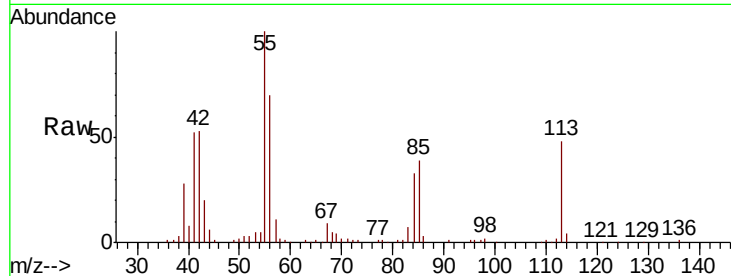




#35
 Caprolactam
 Concen: 21.695 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.02 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

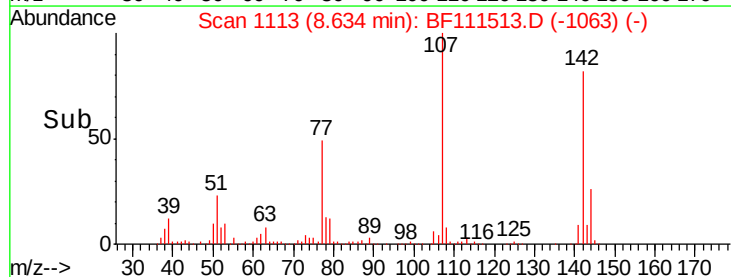
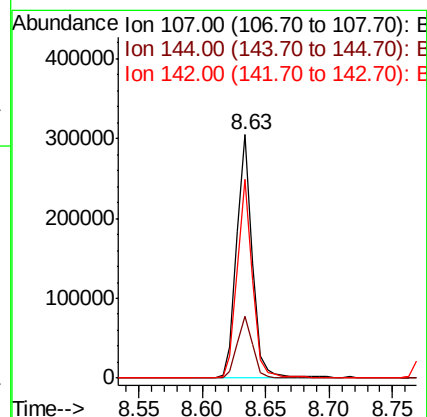
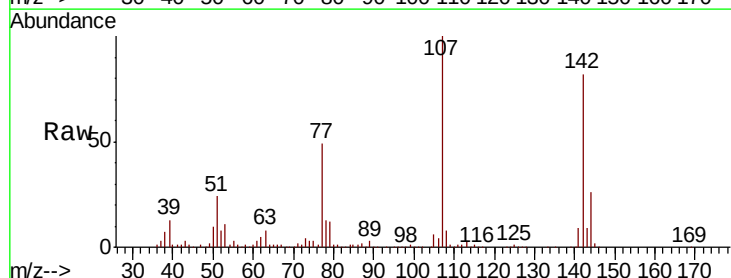
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

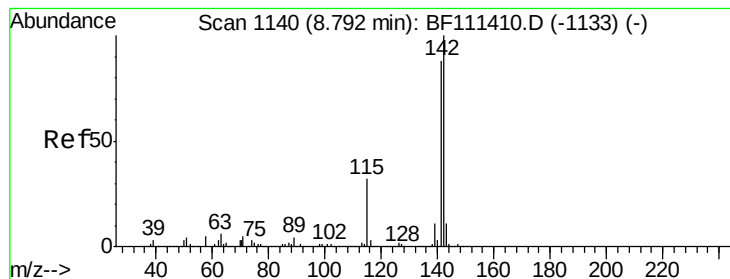
Tgt Ion:113 Resp: 63381
 Ion Ratio Lower Upper
 113 100
 55 207.7 184.1 224.1
 56 145.6 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 29.931 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion:107 Resp: 259233
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.8 29.6
 142 81.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 34.816 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

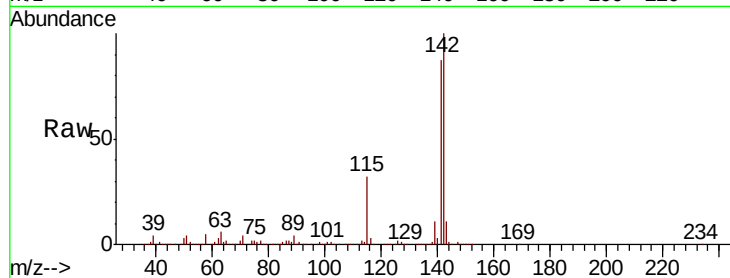
Tgt Ion:142 Resp: 630636

Ion Ratio Lower Upper

142 100

141 87.5 70.6 105.8

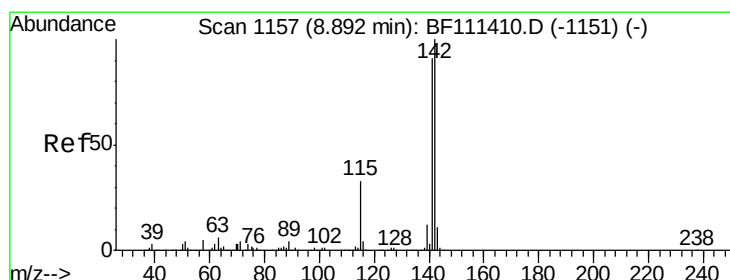
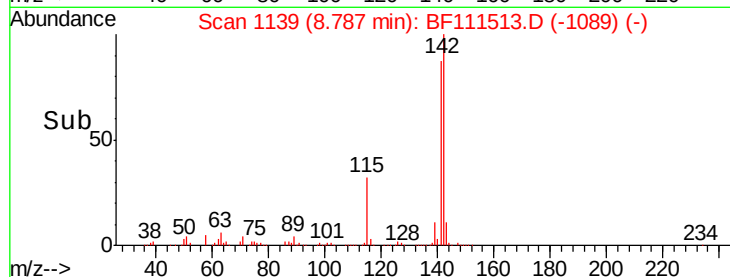
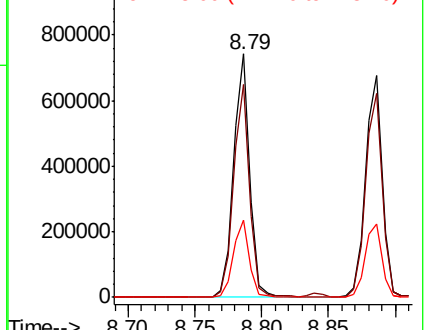
115 31.7 27.0 40.6



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: 33.109 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

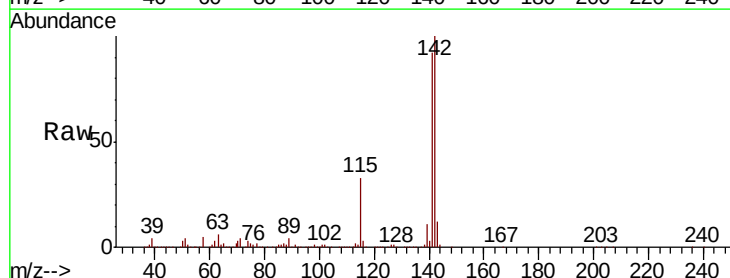
Tgt Ion:142 Resp: 579381

Ion Ratio Lower Upper

142 100

141 91.8 74.2 111.4

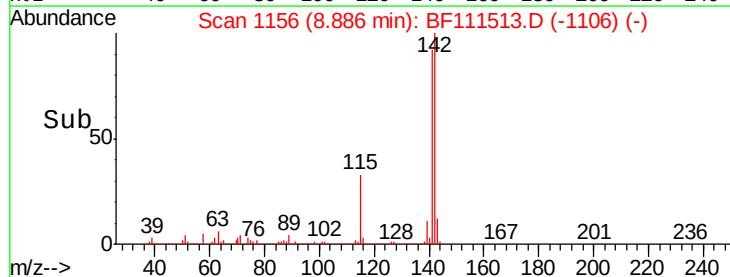
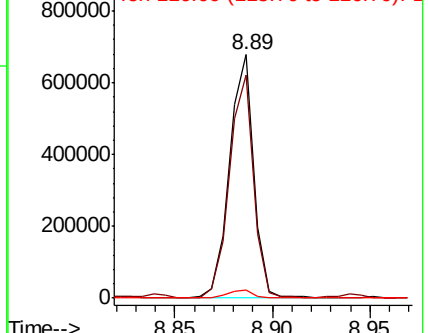
116 3.3 2.9 4.3

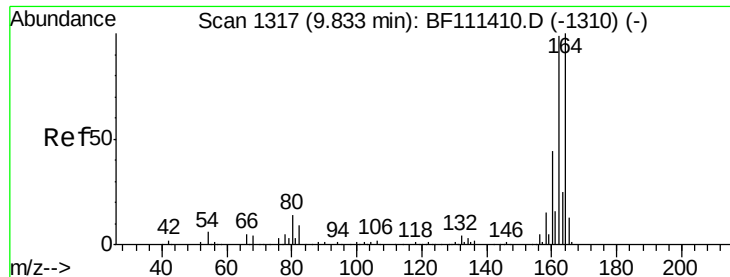


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

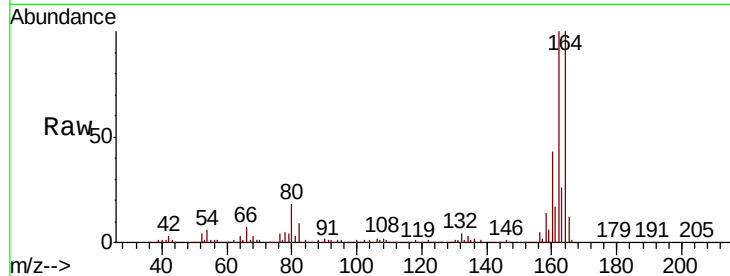




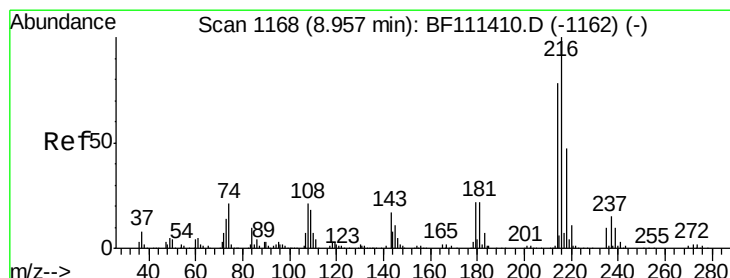
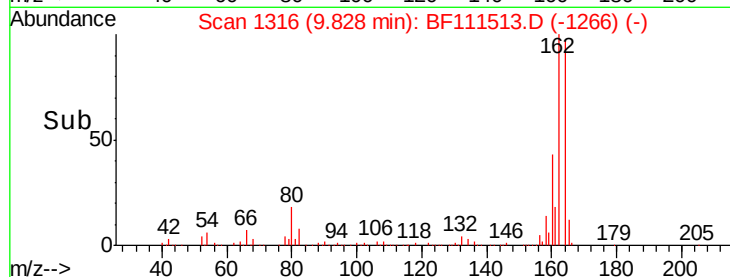
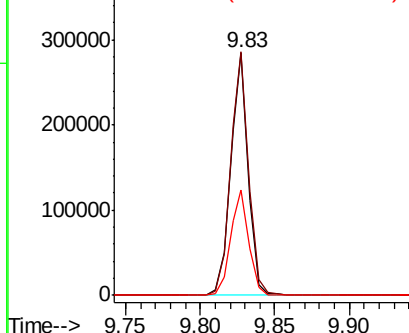
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion:	164	Resp:	235921
Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.4	122.0
160	43.2	35.7	53.5

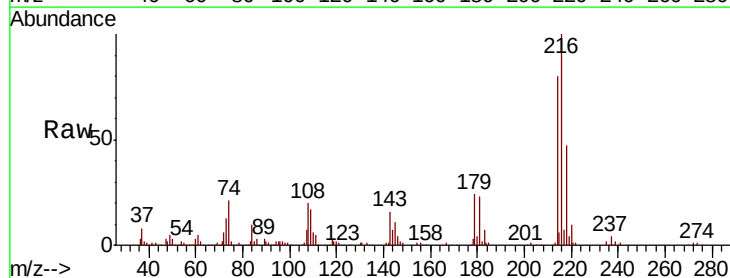


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

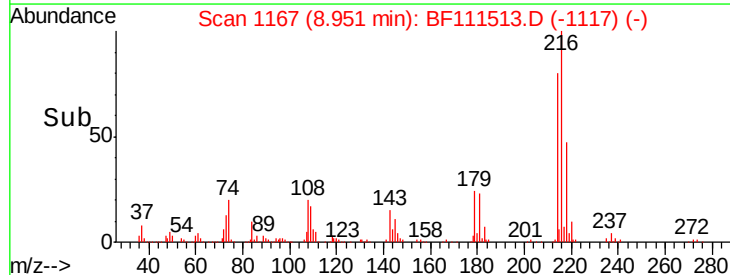
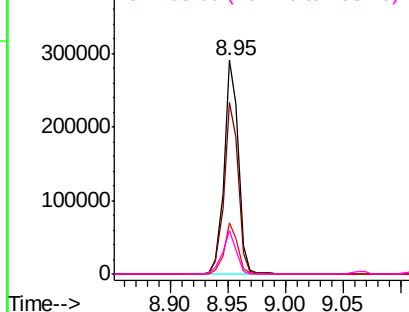


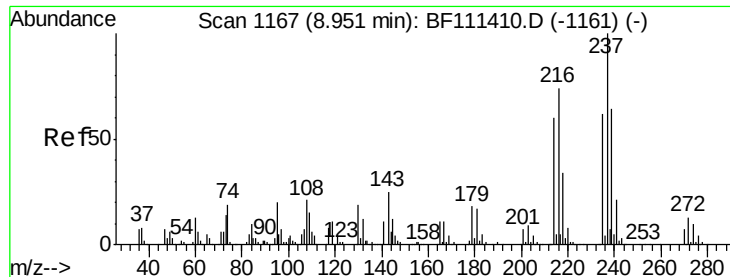
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.354 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion:	216	Resp:	248147
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.8	95.8
179	22.3	17.9	26.9
108	19.8	18.4	27.6



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 17.868 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

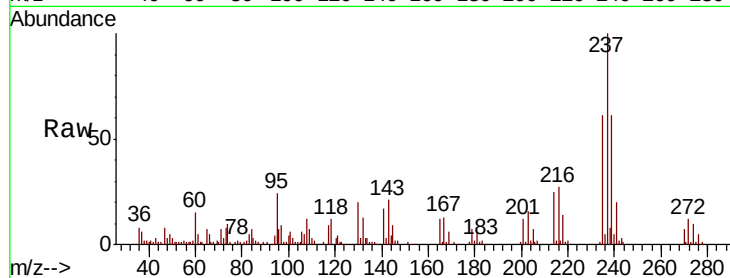
Tgt Ion: 237 Resp: 59352

Ion Ratio Lower Upper

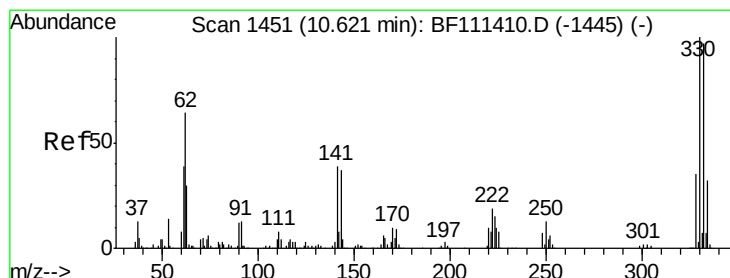
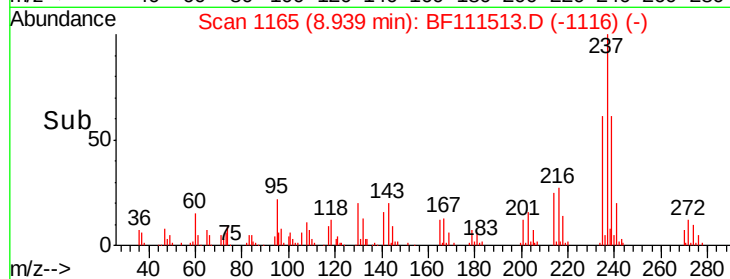
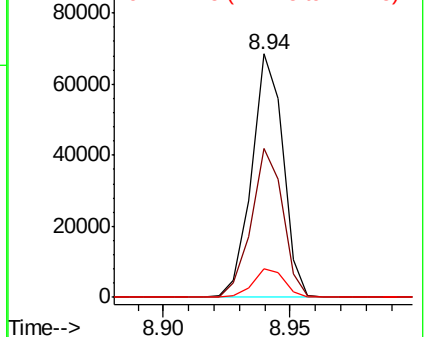
237 100

235 61.0 43.1 83.1

272 11.7 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: 79.699 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

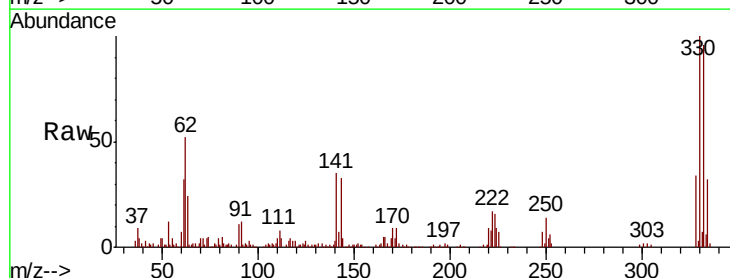
Tgt Ion: 330 Resp: 168432

Ion Ratio Lower Upper

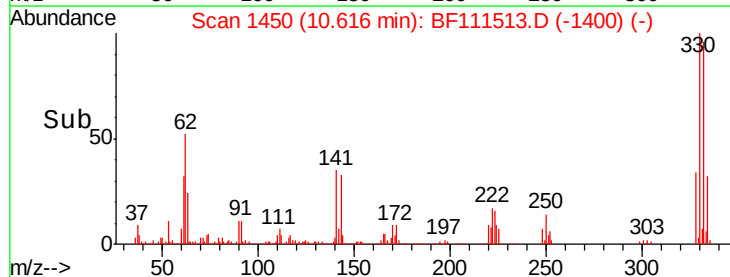
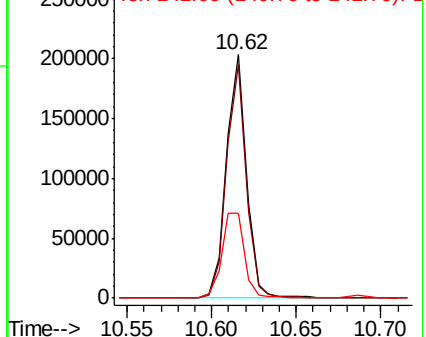
330 100

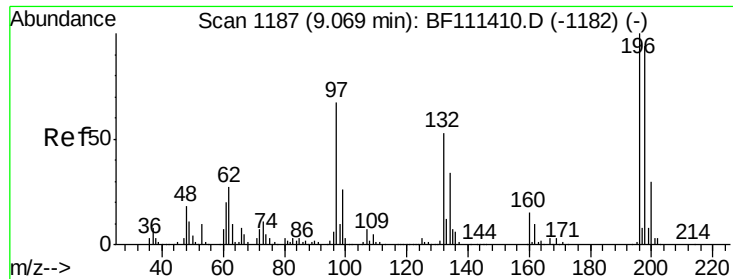
332 95.2 76.0 114.0

141 40.7 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

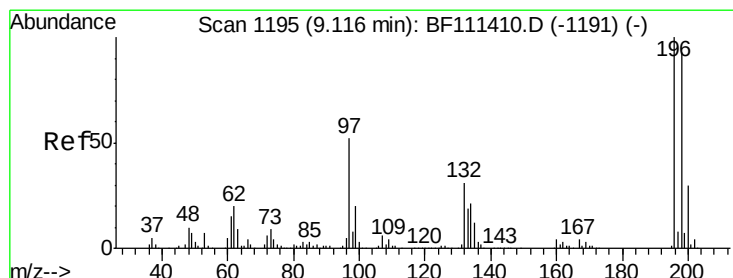
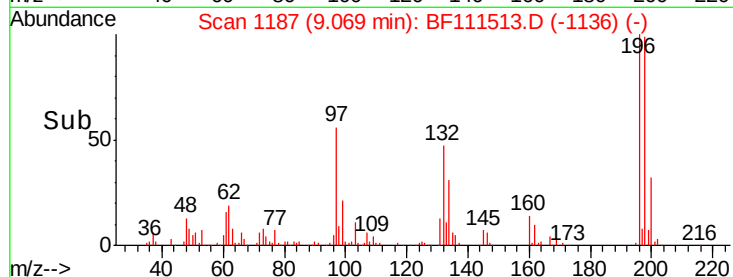
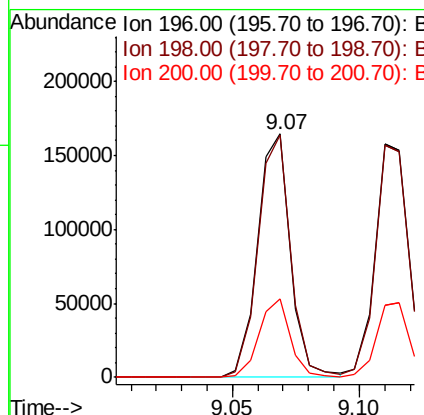
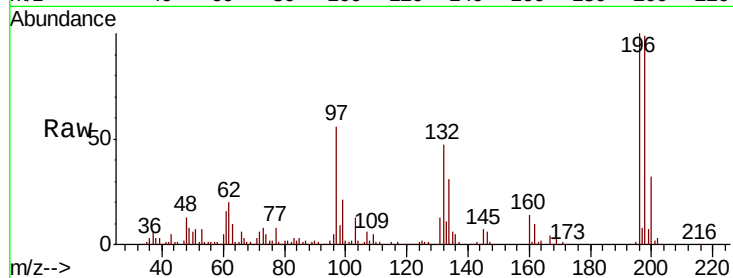




#43
 2,4,6-Trichlorophenol
 Concen: 32.483 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

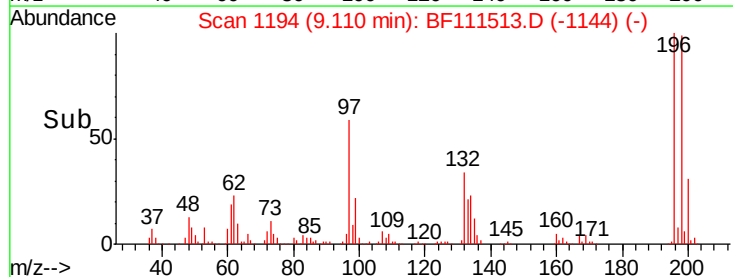
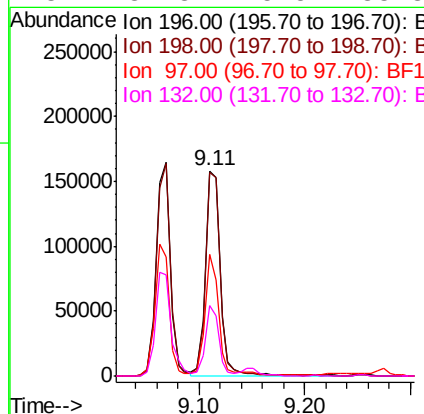
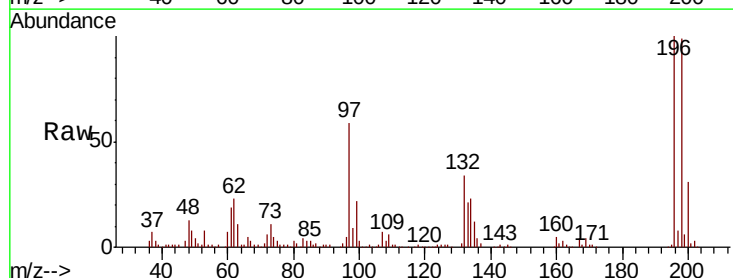
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

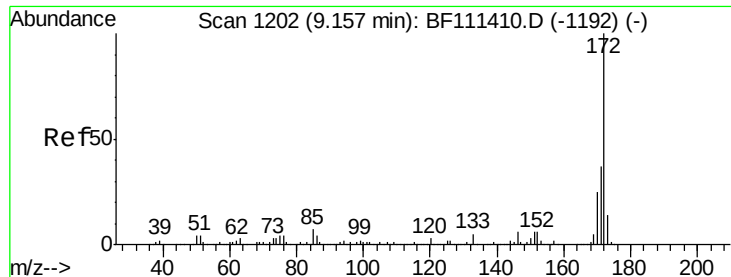
Tgt Ion:196 Resp: 148745
 Ion Ratio Lower Upper
 196 100
 198 99.3 76.3 114.5
 200 32.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 31.917 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion:196 Resp: 155526
 Ion Ratio Lower Upper
 196 100
 198 99.4 72.9 109.3
 97 59.5 45.3 67.9
 132 34.3 25.5 38.3

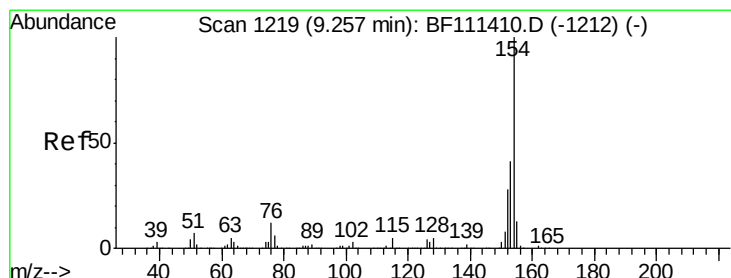
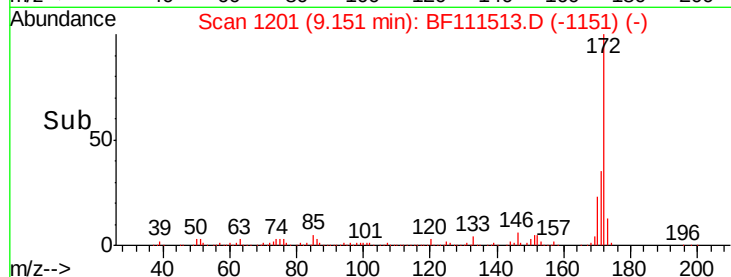
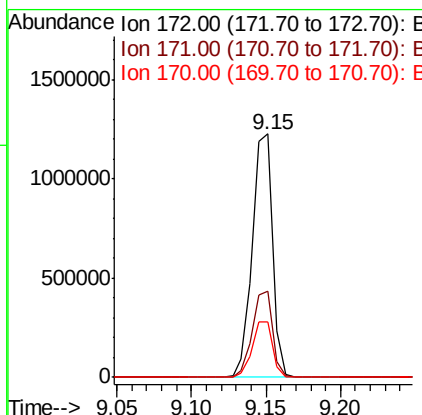
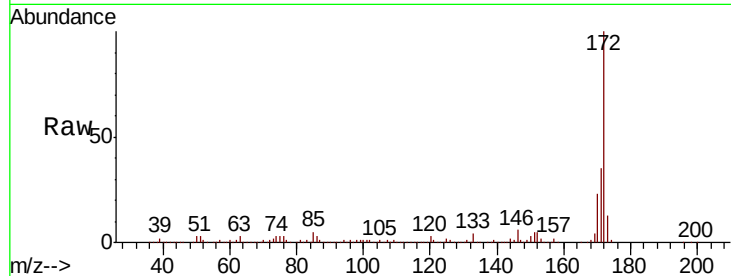




#45
 2-Fluorobiphenyl
 Concen: 75.401 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

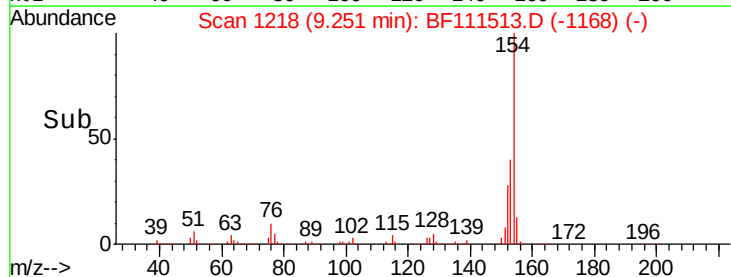
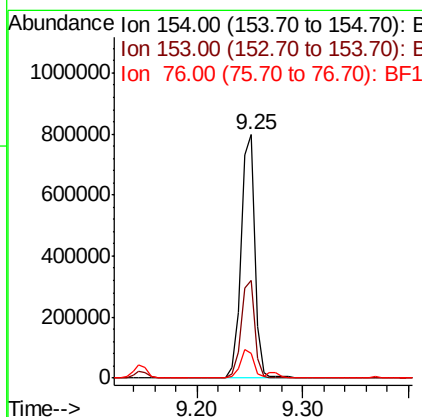
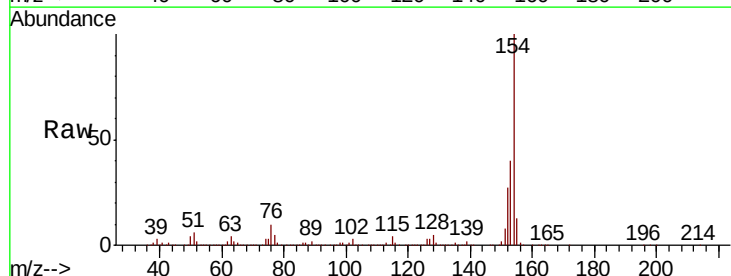
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

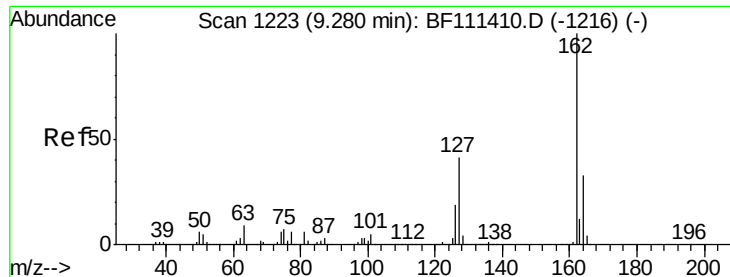
Tgt Ion:172 Resp: 1151633
 Ion Ratio Lower Upper
 172 100
 171 35.3 33.0 49.4
 170 23.0 22.3 33.5



#46
 1,1'-Biphenyl
 Concen: 35.430 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion:154 Resp: 708241
 Ion Ratio Lower Upper
 154 100
 153 40.0 23.7 63.7
 76 10.3 0.0 35.0





#47

2-Chloronaphthalene

Concen: 35.338 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

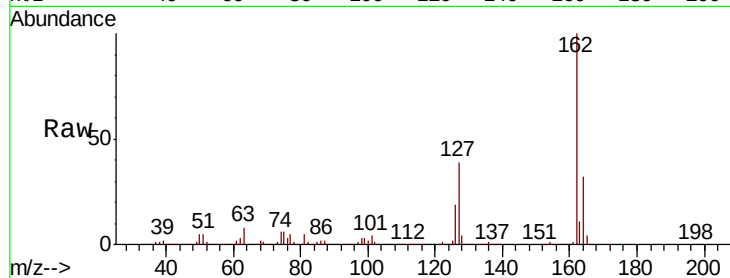
Tgt Ion: 162 Resp: 536957

Ion Ratio Lower Upper

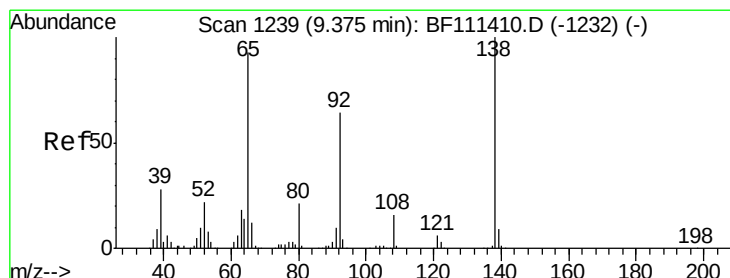
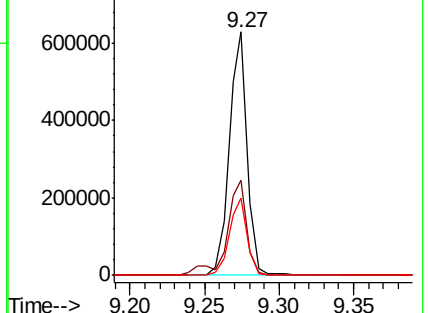
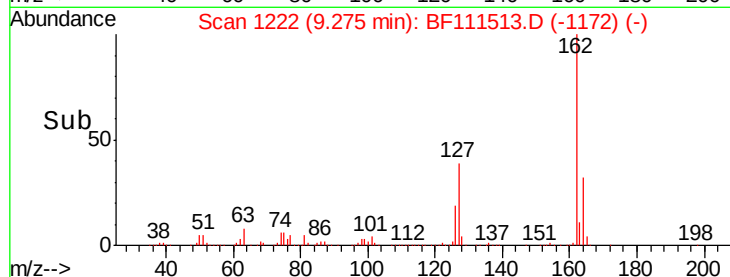
162 100

127 39.1 35.0 52.4

164 31.9 28.4 42.6



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



#48

2-Nitroaniline

Concen: 32.702 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

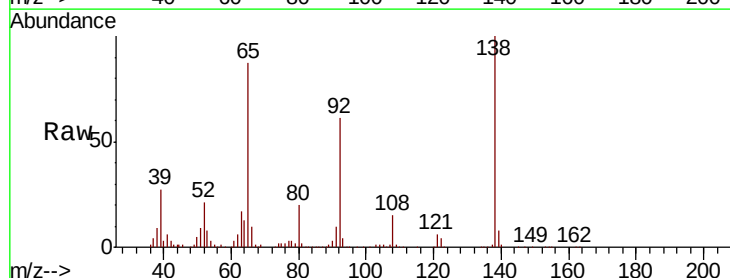
Tgt Ion: 65 Resp: 161338

Ion Ratio Lower Upper

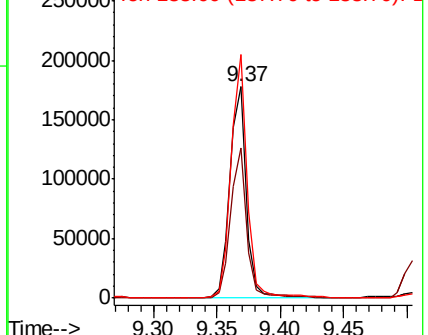
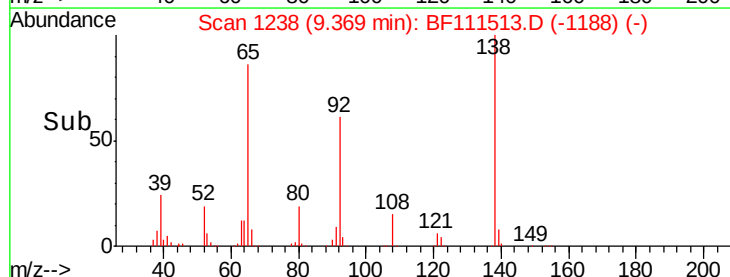
65 100

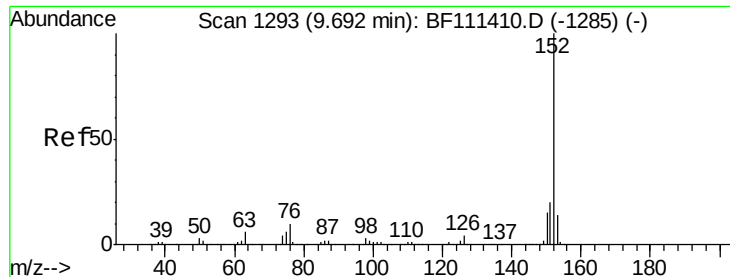
92 70.8 53.5 80.3

138 115.1 80.9 121.3



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





#49

Acenaphthylene

Concen: 35.034 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

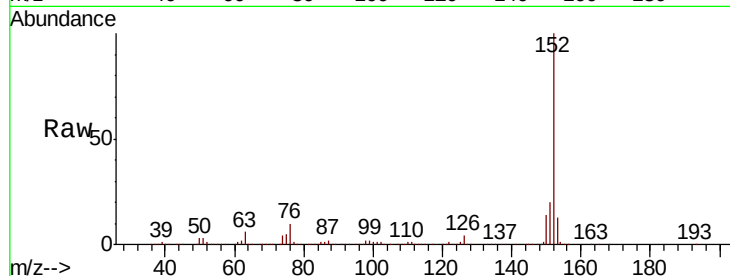
Tgt Ion:152 Resp: 790164

Ion Ratio Lower Upper

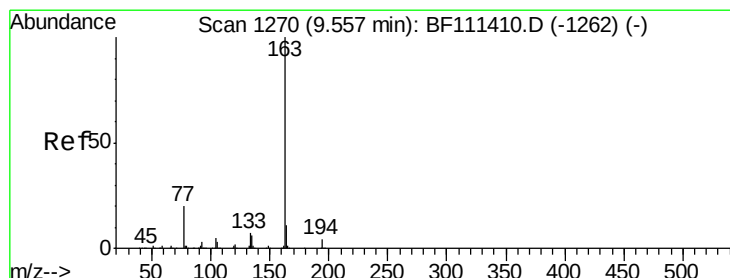
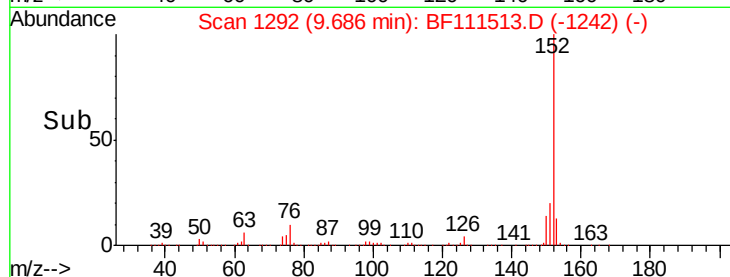
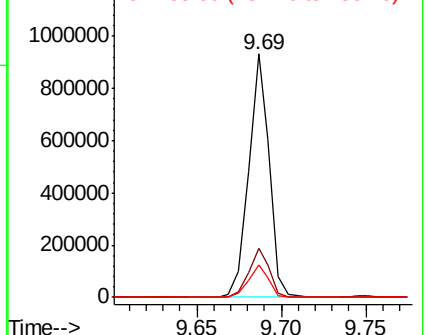
152 100

151 20.2 18.0 27.0

153 13.1 12.3 18.5



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



#50

Dimethylphthalate

Concen: 39.203 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

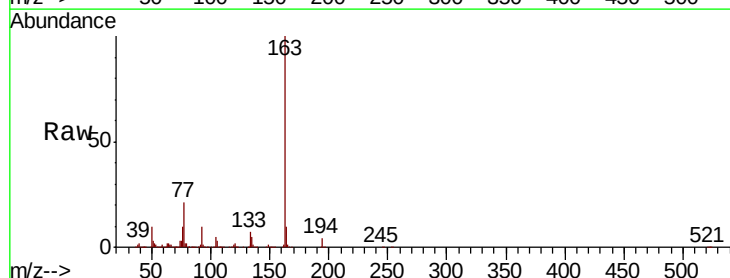
Tgt Ion:163 Resp: 666080

Ion Ratio Lower Upper

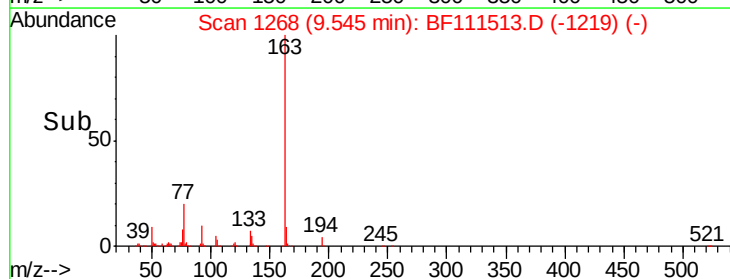
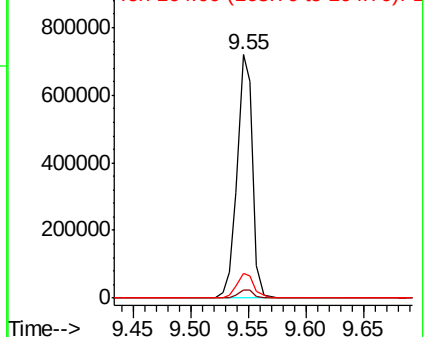
163 100

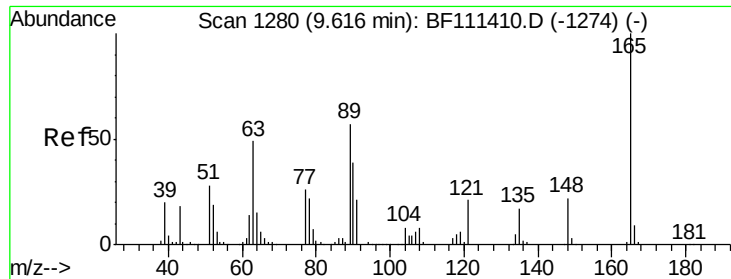
194 3.5 3.0 4.6

164 10.4 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: 32.831 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

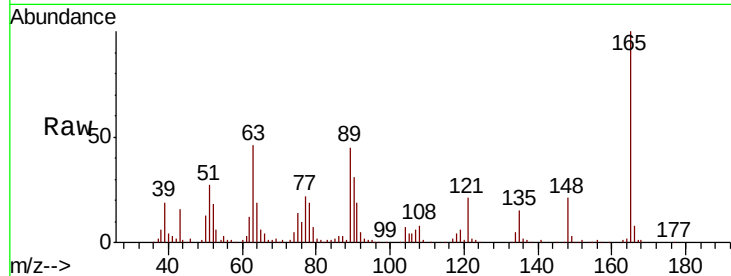
Tgt Ion:165 Resp: 125561

Ion Ratio Lower Upper

165 100

63 46.5 40.5 60.7

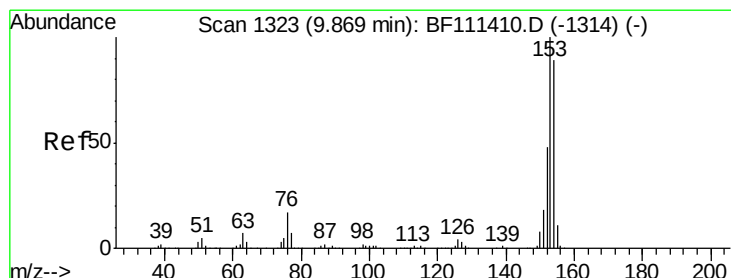
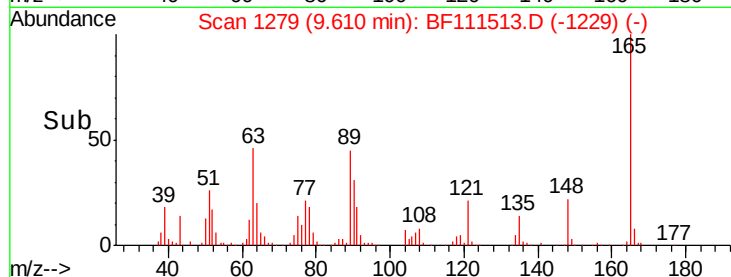
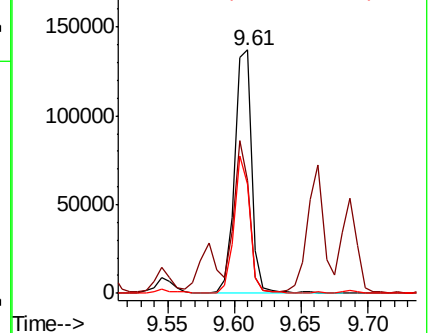
89 44.9 40.0 60.0



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: 31.771 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

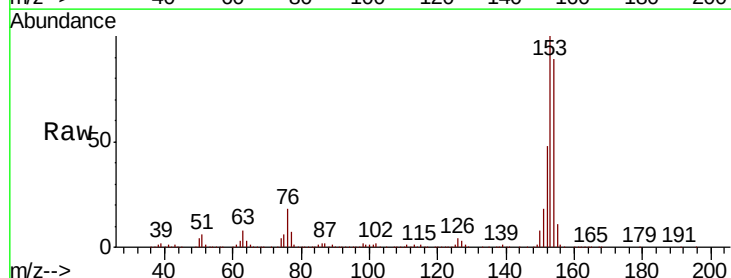
Tgt Ion:154 Resp: 452910

Ion Ratio Lower Upper

154 100

153 112.8 87.8 131.8

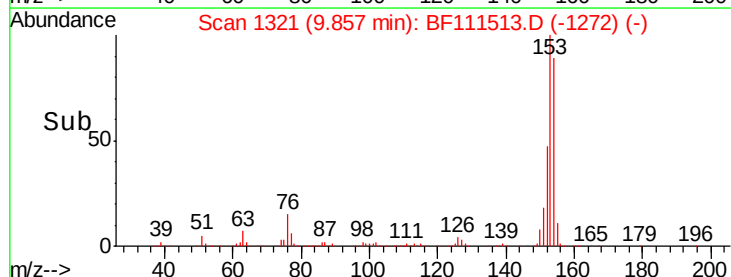
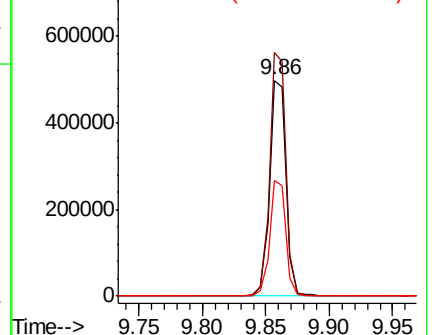
152 53.6 43.4 65.2

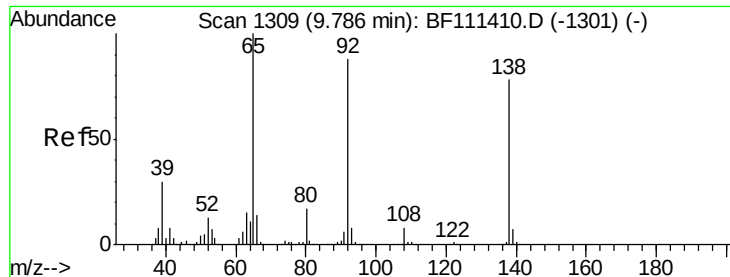


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

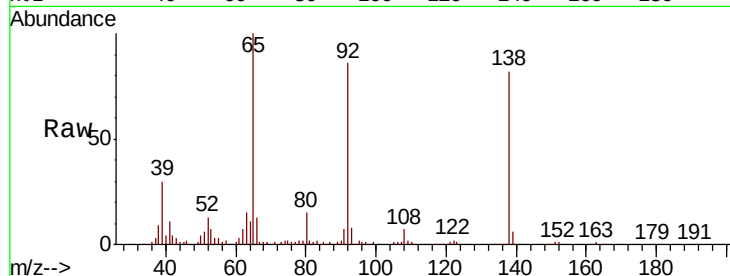




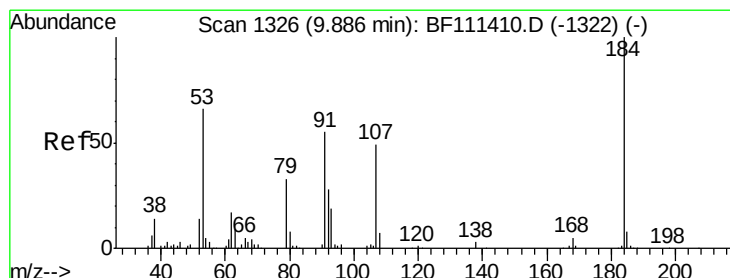
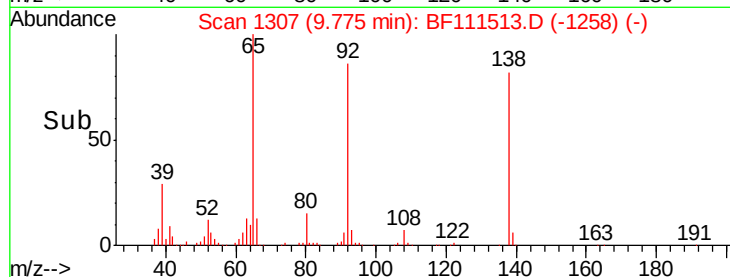
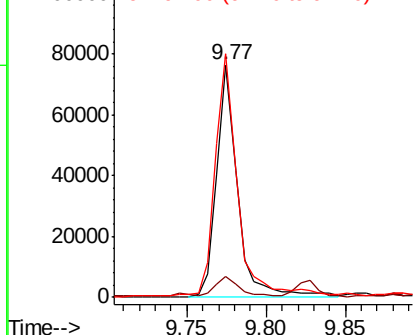
#53
3-Nitroaniline
Concen: 15.282 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion:138 Resp: 70987
Ion Ratio Lower Upper
138 100
108 9.1 8.2 12.4
92 104.9 93.4 140.2

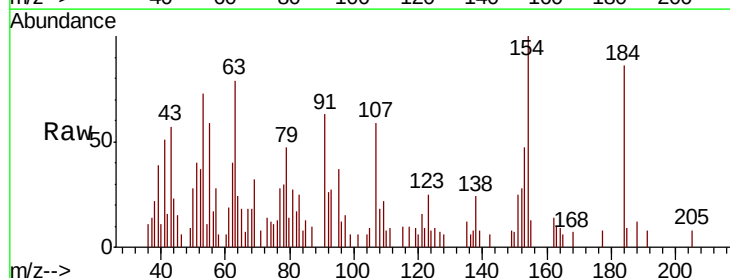


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

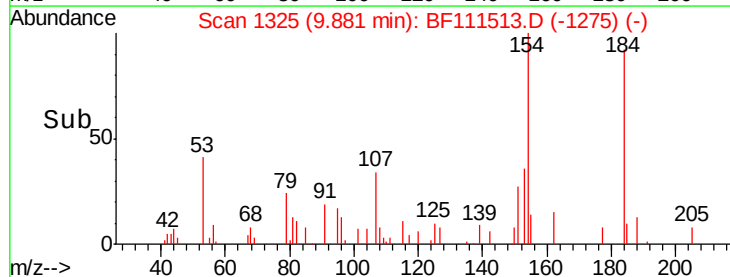
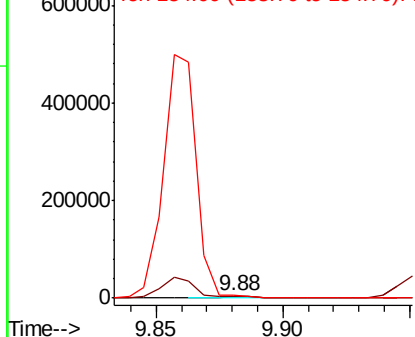


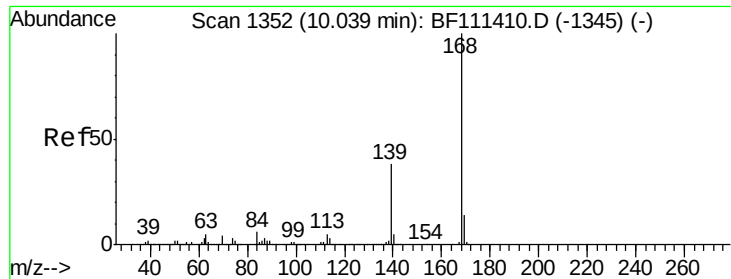
#54
2,4-Dinitrophenol
Concen: 2.936 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion:184 Resp: 4272
Ion Ratio Lower Upper
184 100
63 92.5 62.3 93.5
154 116.4 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

Dibenzofuran

Concen: 32.840 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

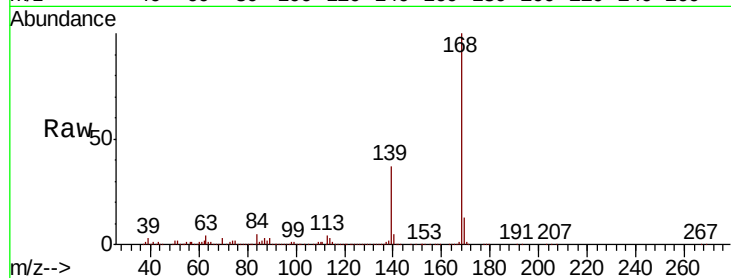
Tgt Ion:168 Resp: 679530

Ion Ratio Lower Upper

168 100

139 37.2 32.6 49.0

169 12.7 11.8 17.6

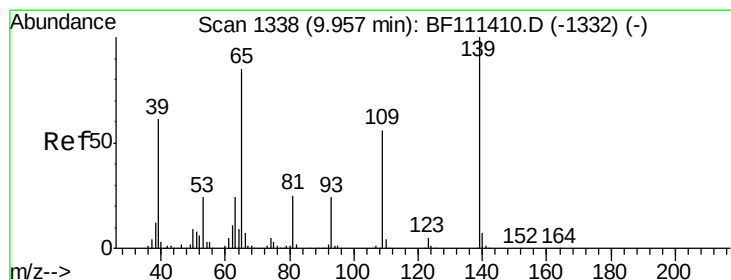
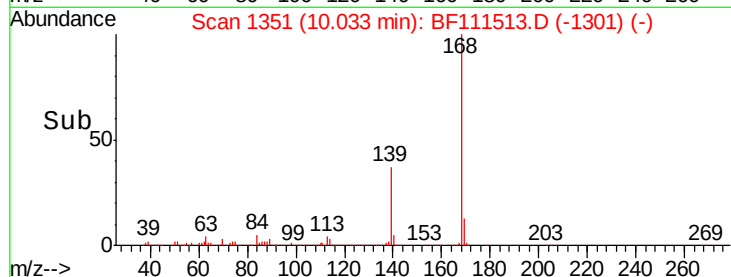
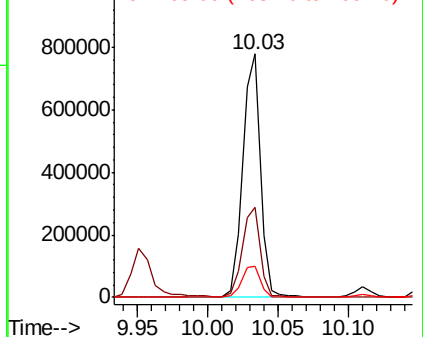


Abundance

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: 50.131 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

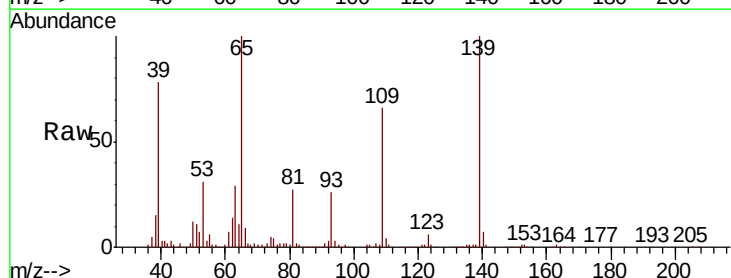
Tgt Ion:139 Resp: 161158

Ion Ratio Lower Upper

139 100

109 65.9 41.8 81.8

65 99.8 79.6 119.6

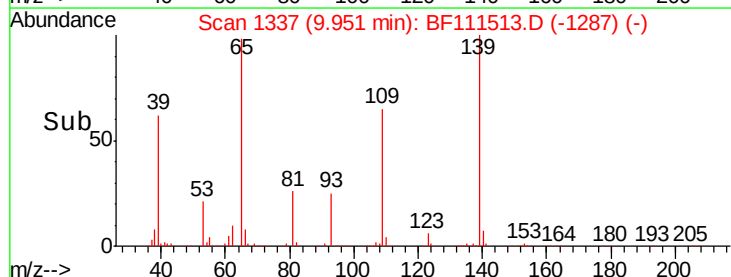
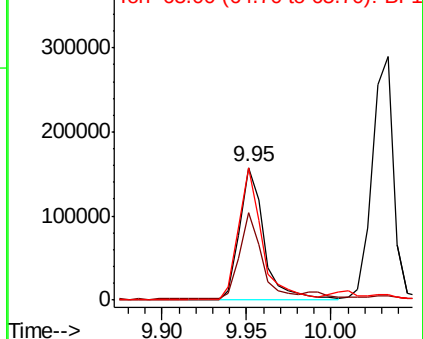


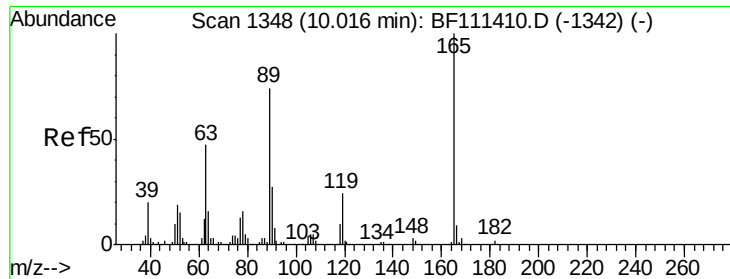
Abundance

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

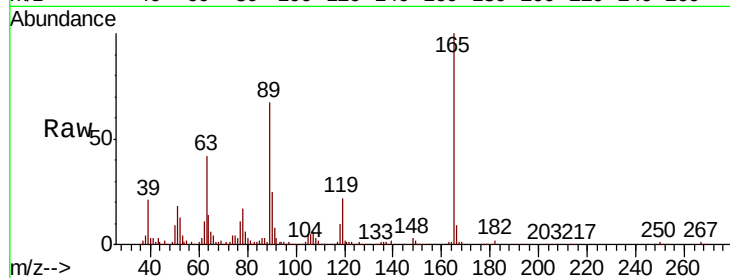




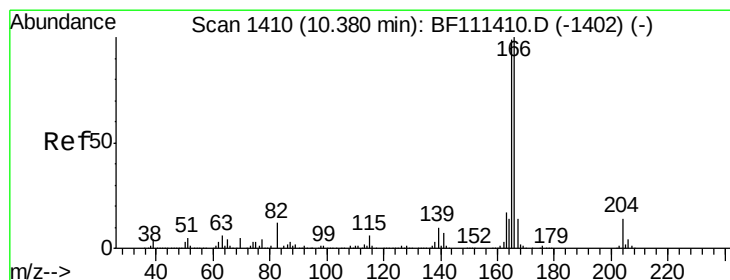
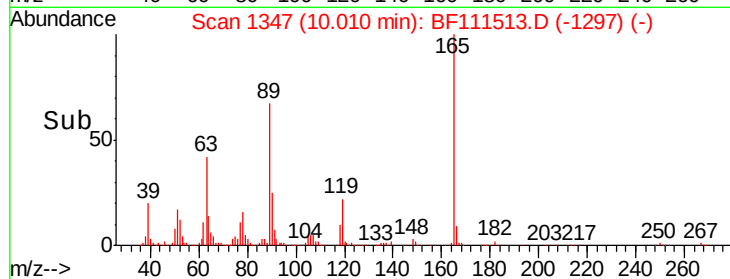
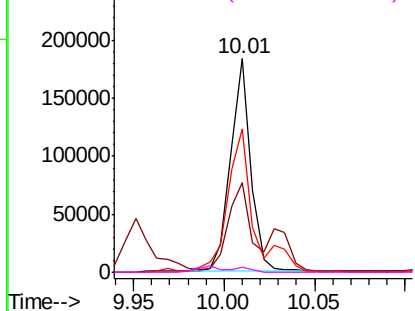
#57
 2,4-Dinitrotoluene
 Concen: 28.730 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion:	165	Resp:	144214
Ion	Ratio	Lower	Upper
165	100		
63	42.1	34.6	52.0
89	67.3	56.2	84.4
182	2.5	1.8	2.6

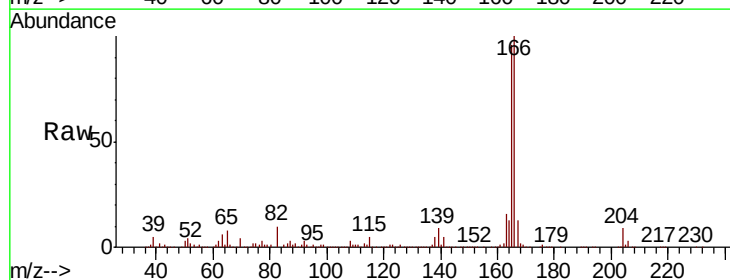


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

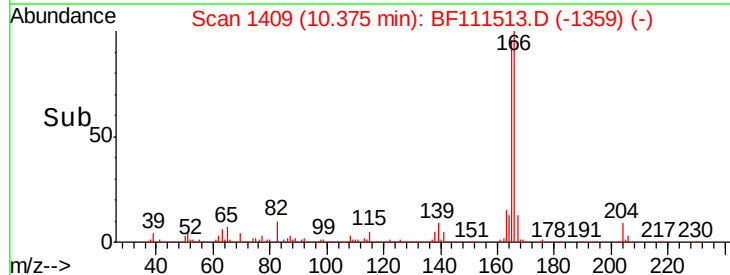
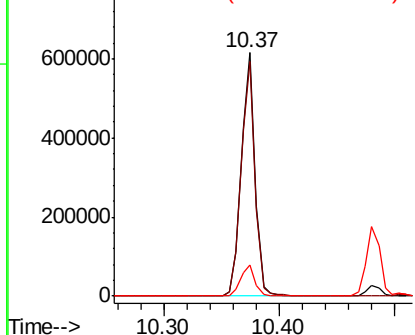


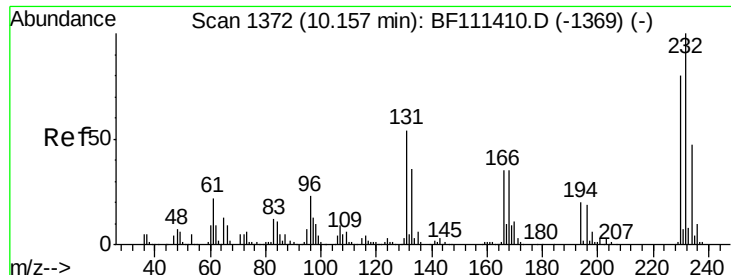
#58
 Fluorene
 Concen: 33.888 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion:	166	Resp:	508611
Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.4	117.6
167	13.0	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: 27.144 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion:232 Resp: 103340

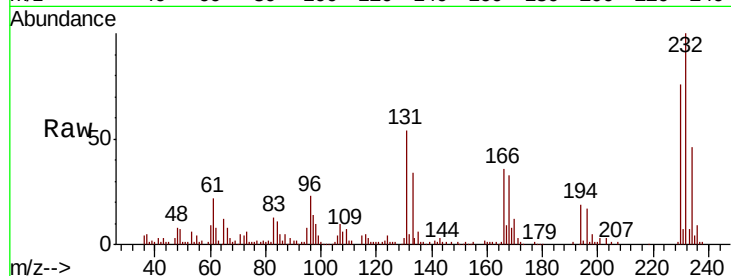
Ion Ratio Lower Upper

232 100

131 49.3 40.9 61.3

130 2.8 2.0 3.0

166 33.9 26.8 40.2

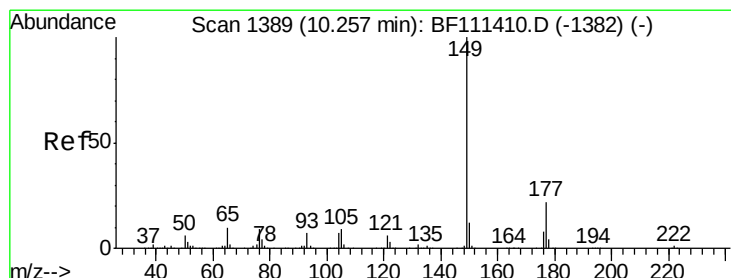
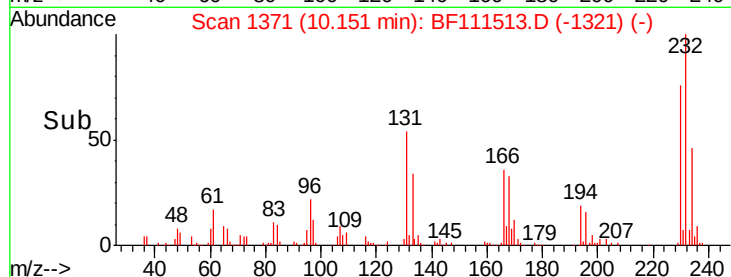
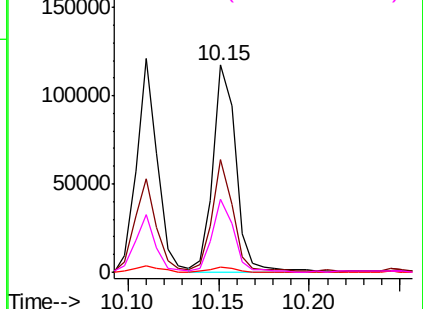


Abundance Ion 232.00 (231.70 to 232.70): E

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: 32.048 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

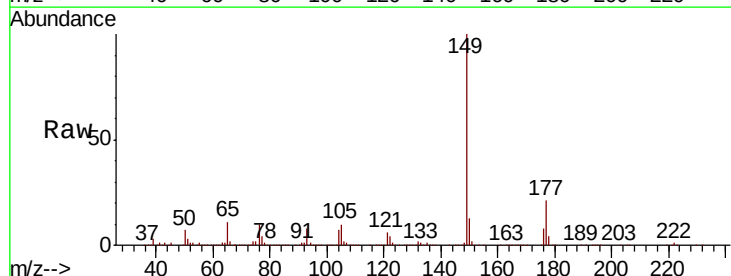
Tgt Ion:149 Resp: 551563

Ion Ratio Lower Upper

149 100

177 21.0 18.3 27.5

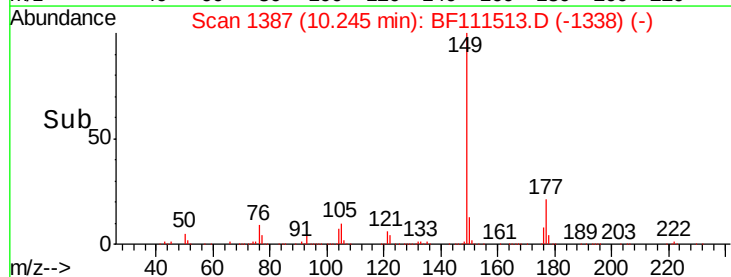
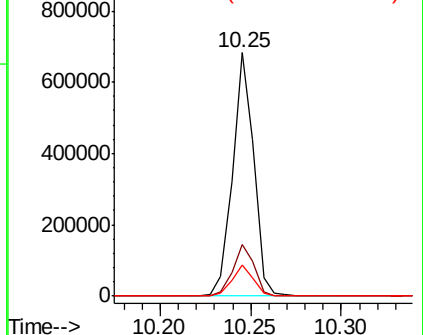
150 12.8 10.6 15.8

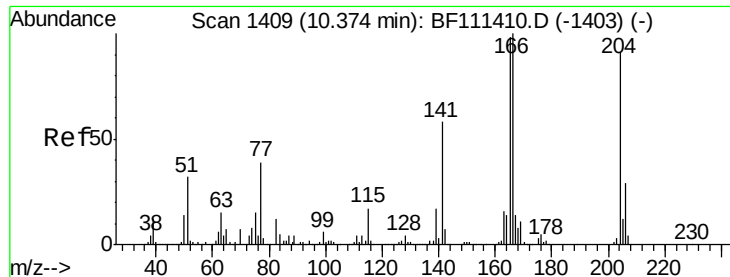


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

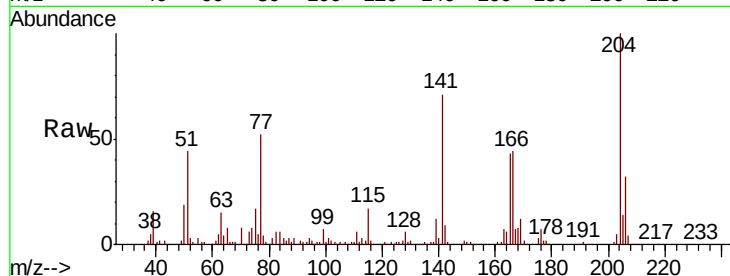




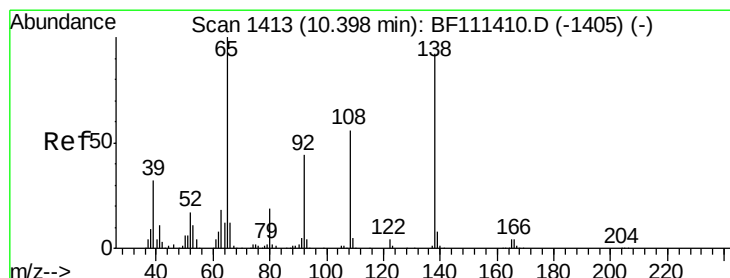
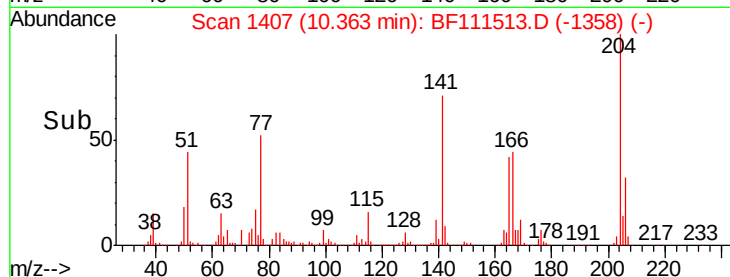
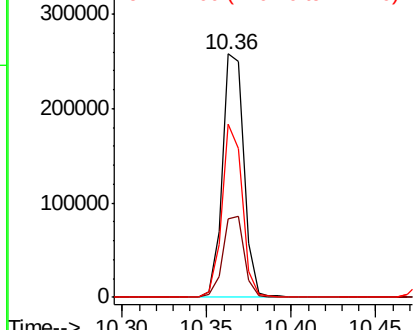
#61
4-Chlorophenyl-phenylether
Concen: 31.384 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 204 Resp: 230457
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 71.1 52.6 78.8

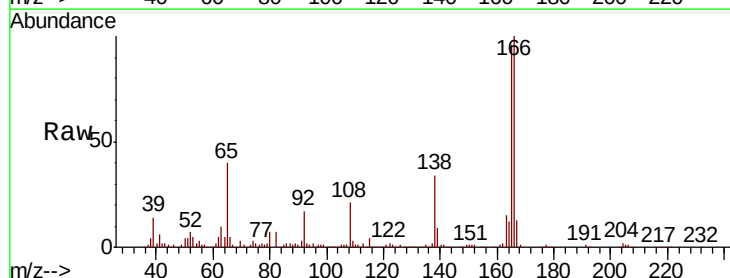


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

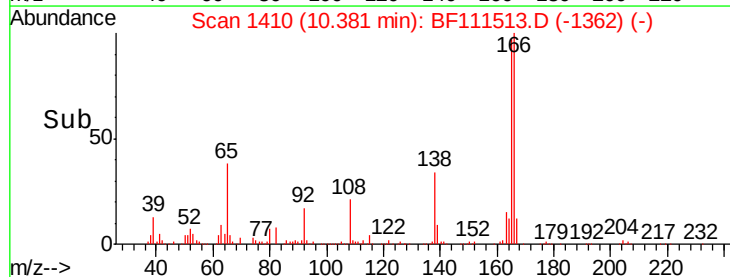
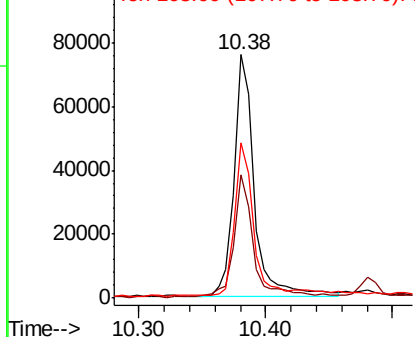


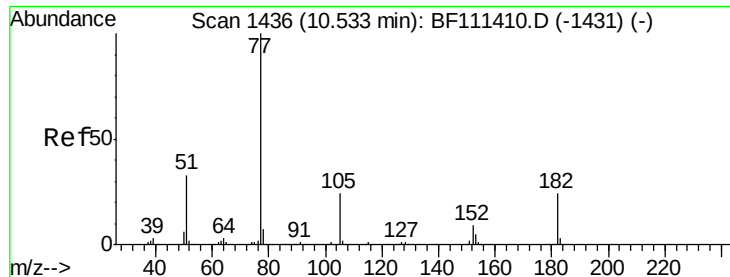
#62
4-Nitroaniline
Concen: 18.327 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion: 138 Resp: 84278
Ion Ratio Lower Upper
138 100
92 50.7 29.9 69.9
108 63.9 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: 28.895 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

Tgt Ion: 77 Resp: 490258

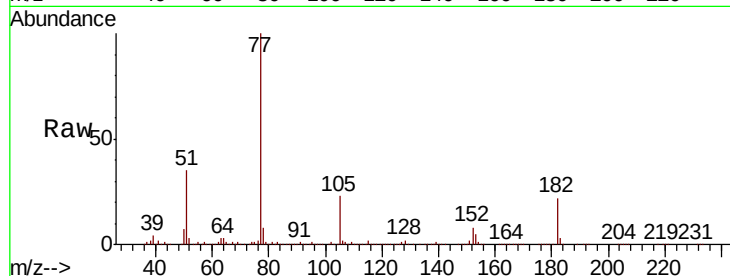
Ion Ratio Lower Upper

77 100

182 21.9 4.9 44.9

105 22.7 6.0 46.0

51 35.1 14.7 54.7

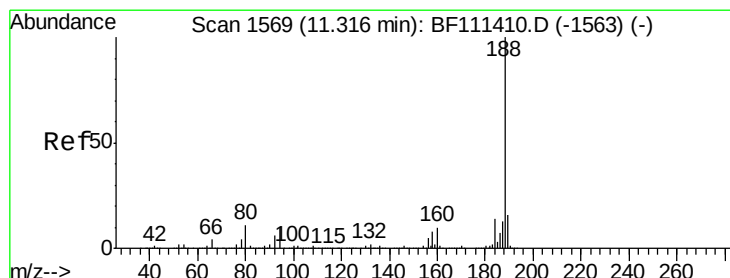
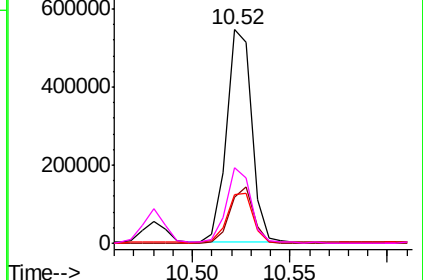
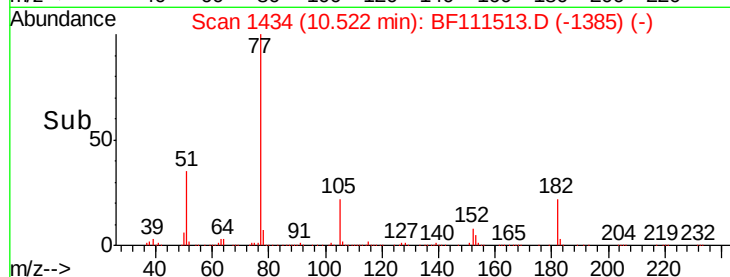


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF111513.D

Acq: 16 Dec 2018 17:24

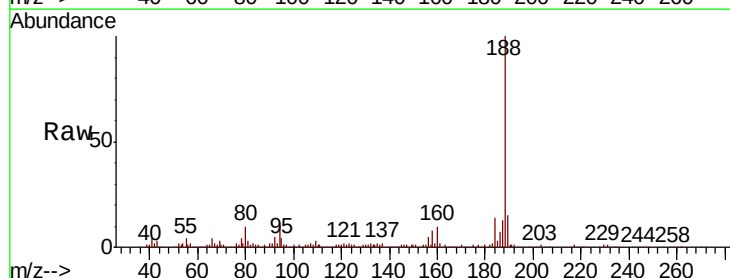
Tgt Ion: 188 Resp: 326074

Ion Ratio Lower Upper

188 100

94 9.8 9.6 14.4

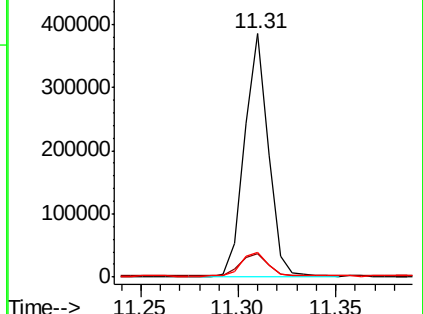
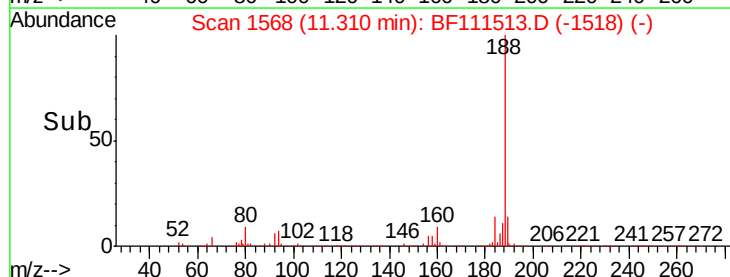
80 10.0 9.8 14.6

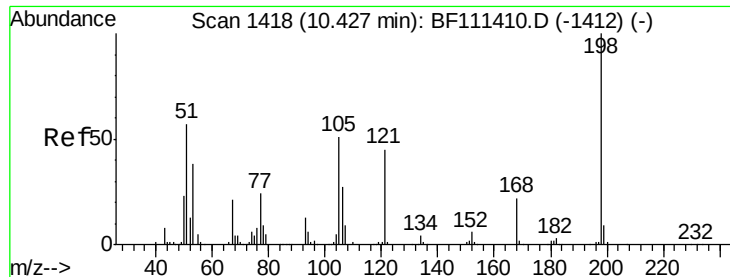


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

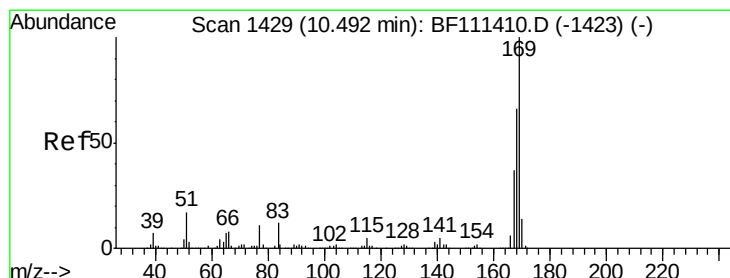
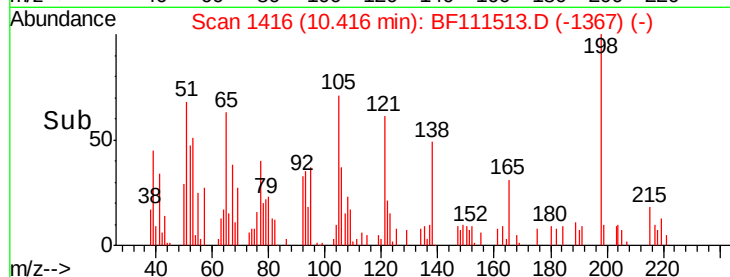
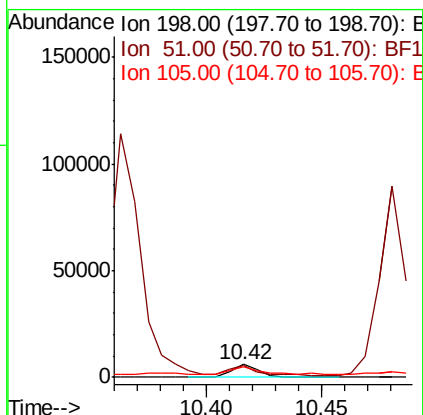
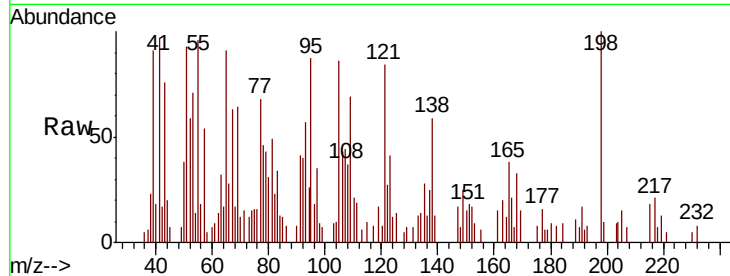




#65
4,6-Dinitro-2-methylphenol
Concen: 2.828 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

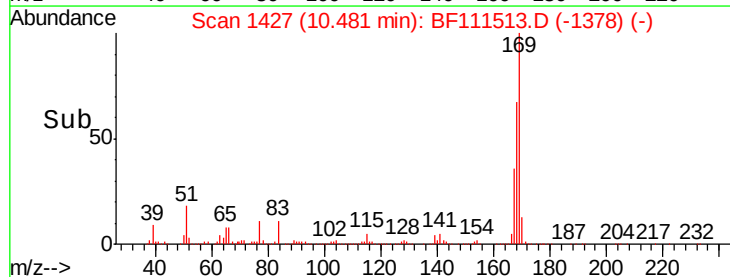
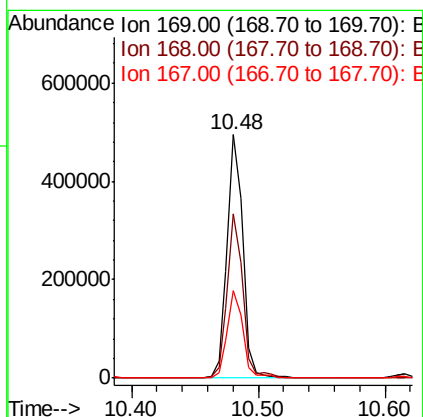
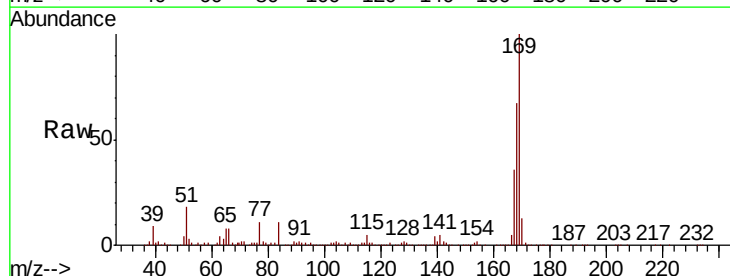
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

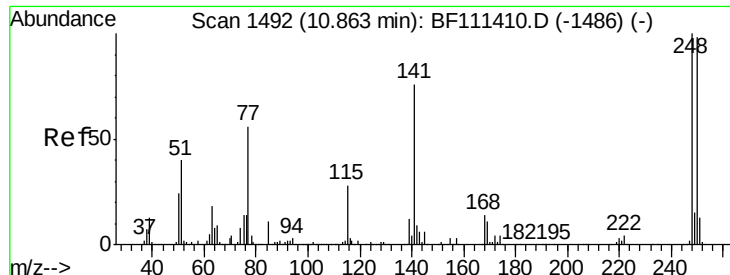
Tgt Ion:198 Resp: 5206
Ion Ratio Lower Upper
198 100
51 92.6 48.0 88.0#
105 86.2 34.0 74.0#



#66
n-Nitrosodiphenylamine
Concen: 37.947 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion:169 Resp: 426699
Ion Ratio Lower Upper
169 100
168 67.3 54.4 81.6
167 35.7 30.5 45.7

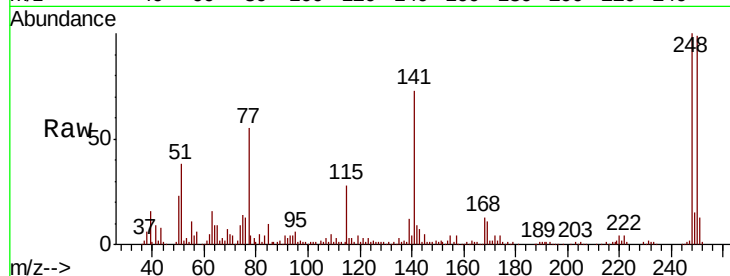




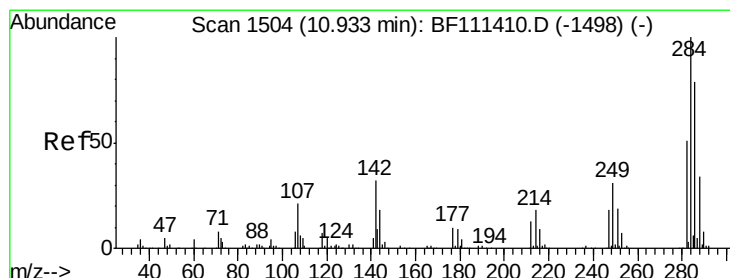
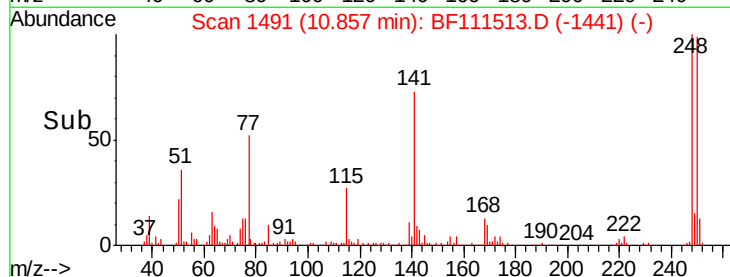
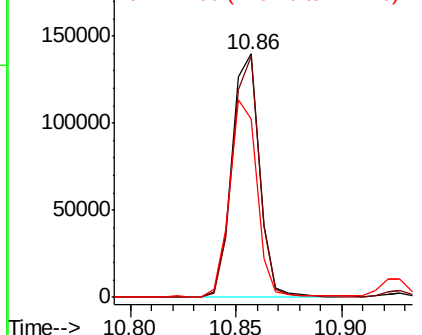
#67
 4-Bromophenyl-phenylether
 Concen: 35.907 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion: 248 Resp: 126193
 Ion Ratio Lower Upper
 248 100
 250 99.3 77.0 115.4
 141 73.4 63.0 94.6

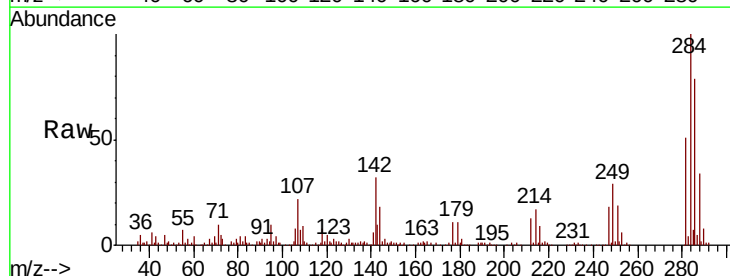


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

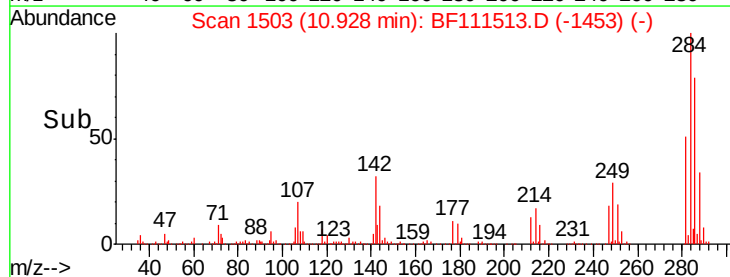
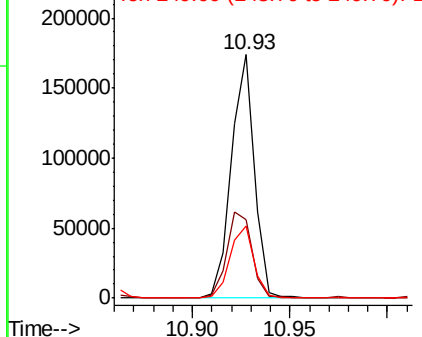


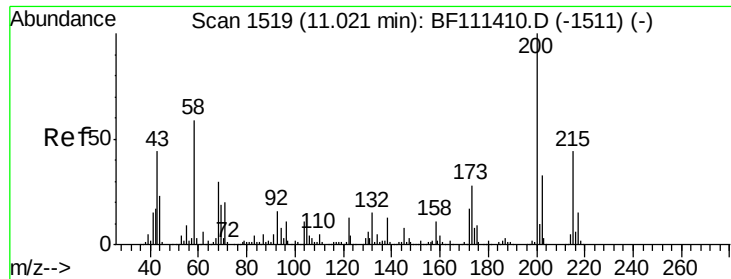
#68
 Hexachlorobenzene
 Concen: 39.220 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion: 284 Resp: 141785
 Ion Ratio Lower Upper
 284 100
 142 32.3 27.4 41.2
 249 29.4 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

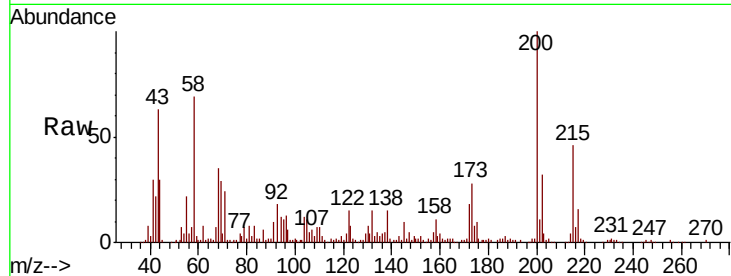




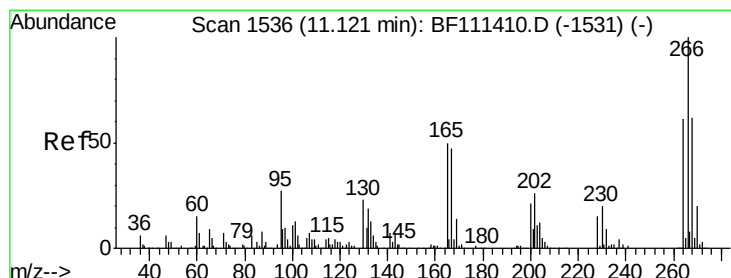
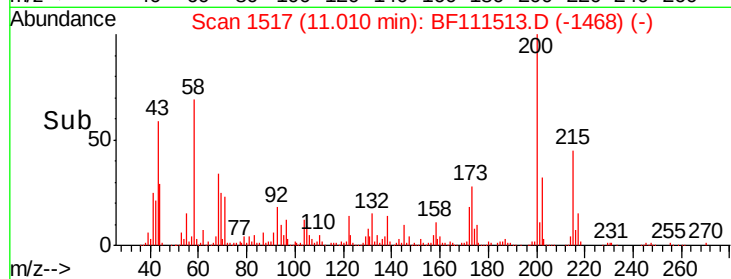
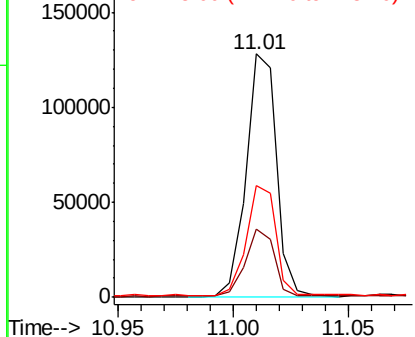
#69
Atrazine
Concen: 36.549 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion:200 Resp: 118772
Ion Ratio Lower Upper
200 100
173 28.1 10.1 50.1
215 45.8 26.9 66.9

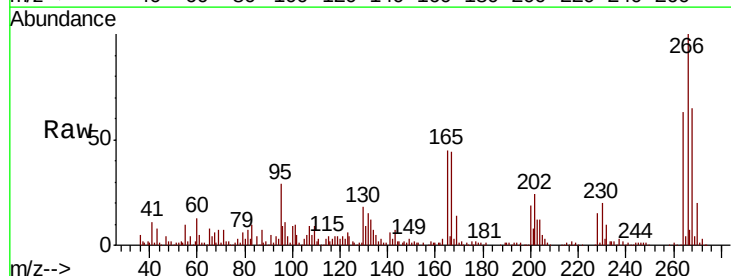


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

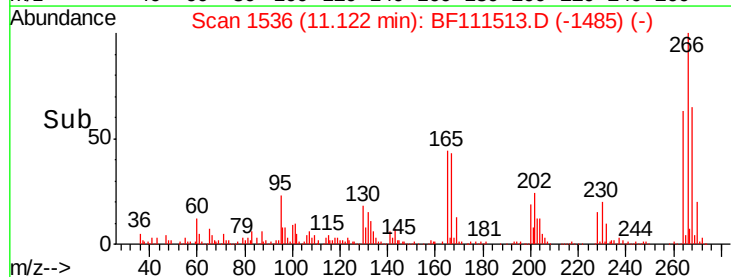
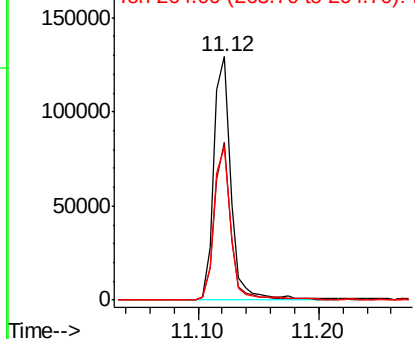


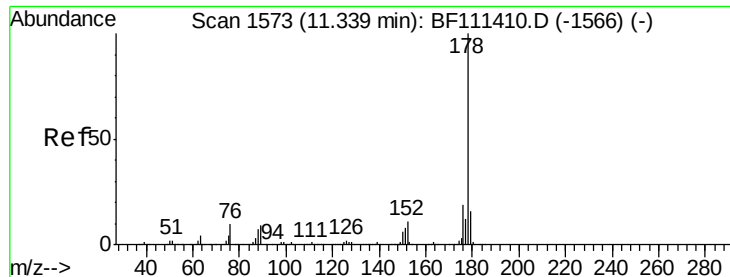
#70
Pentachlorophenol
Concen: 57.298 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion:266 Resp: 127049
Ion Ratio Lower Upper
266 100
268 65.1 47.9 71.9
264 63.0 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: 37.042 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

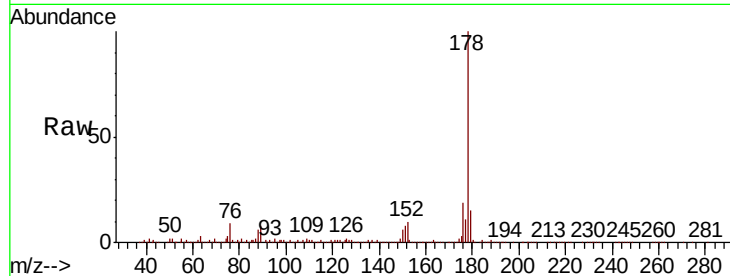
Tgt Ion:178 Resp: 622372

Ion Ratio Lower Upper

178 100

176 19.0 18.1 27.1

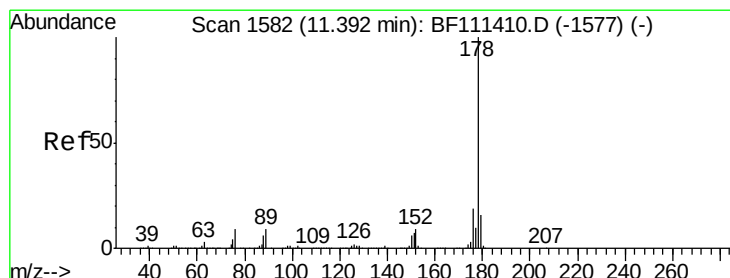
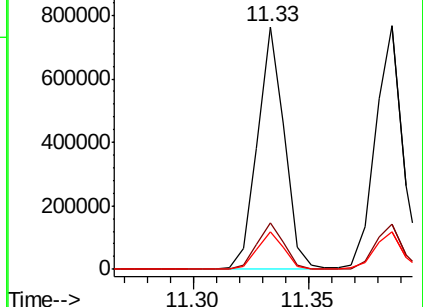
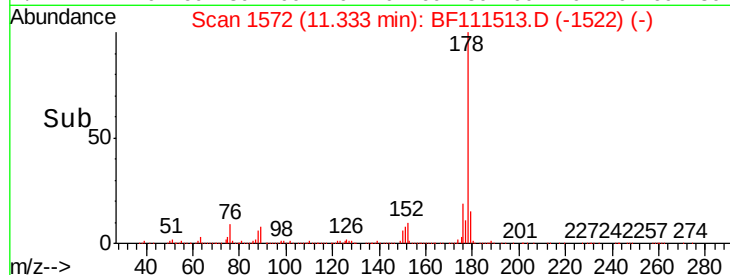
179 15.4 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.695 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

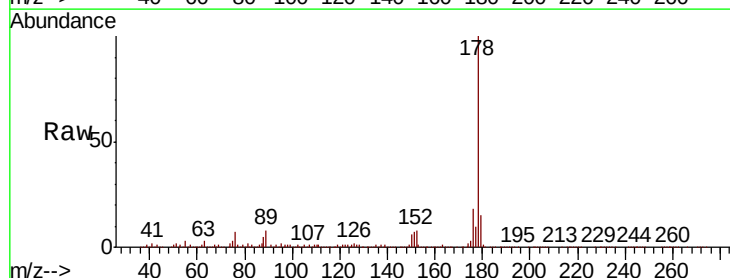
Tgt Ion:178 Resp: 630542

Ion Ratio Lower Upper

178 100

176 18.3 17.2 25.8

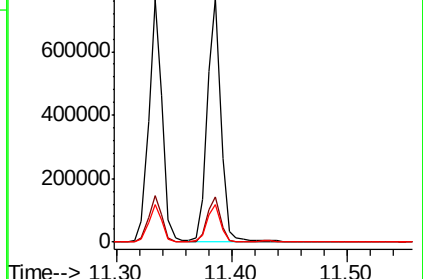
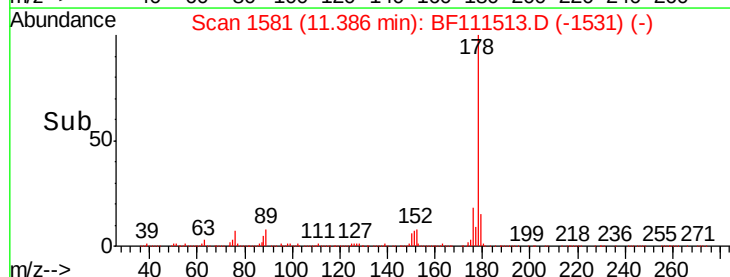
179 15.2 13.8 20.8

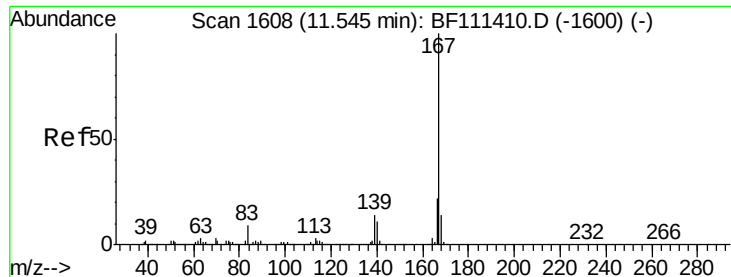


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 32.093 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

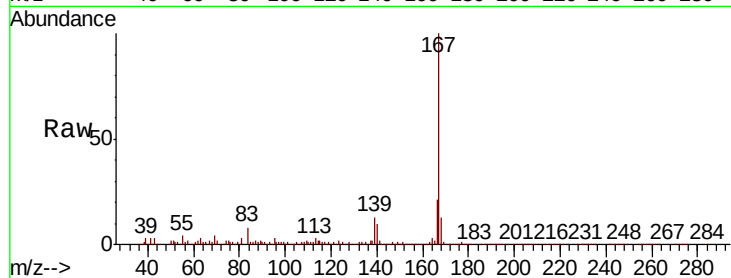
Tgt Ion:167 Resp: 570255

Ion Ratio Lower Upper

167 100

166 21.4 19.3 28.9

139 12.9 11.9 17.9

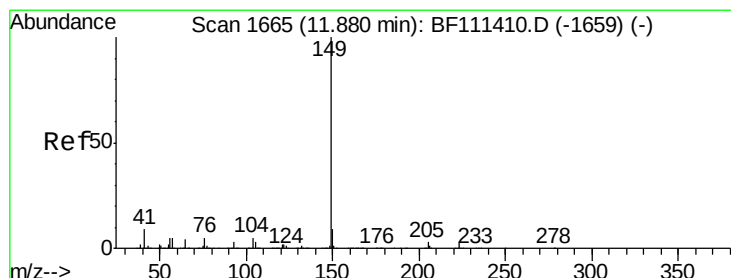
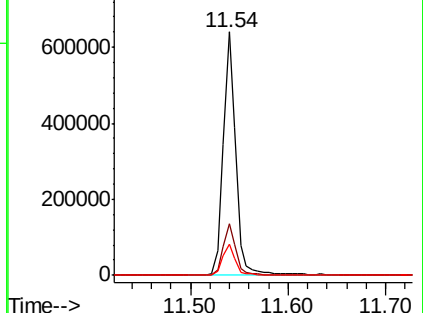
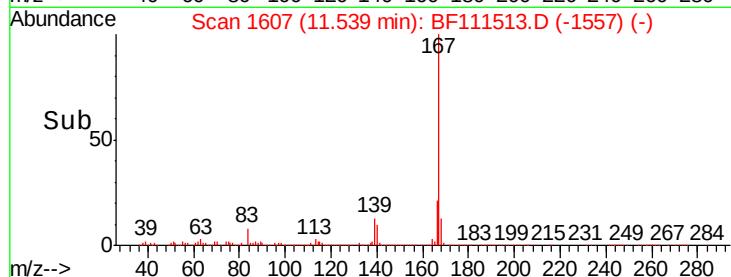


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.620 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

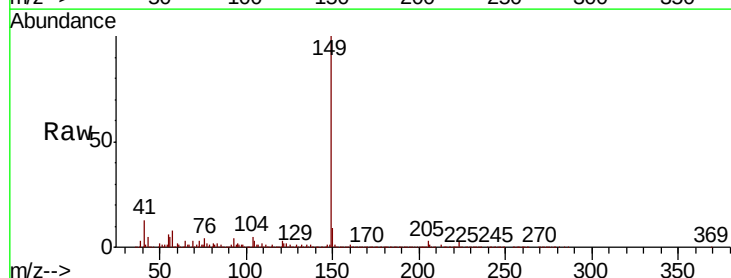
Tgt Ion:149 Resp: 724684

Ion Ratio Lower Upper

149 100

150 8.9 8.8 13.2

104 4.6 4.5 6.7

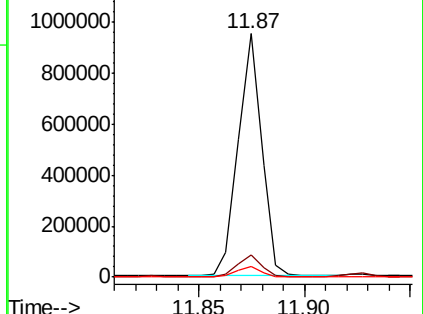
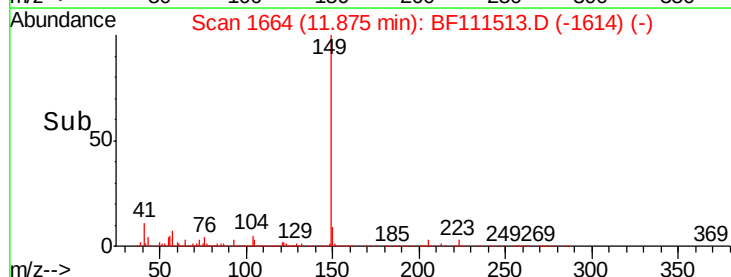


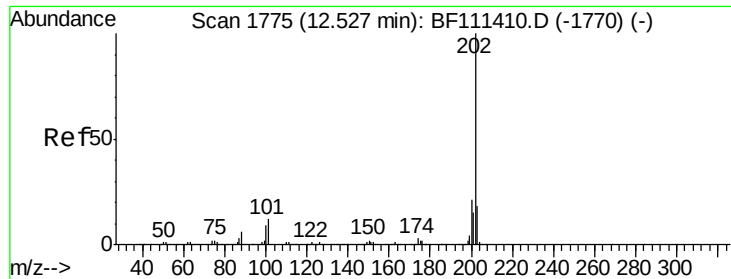
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.060 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

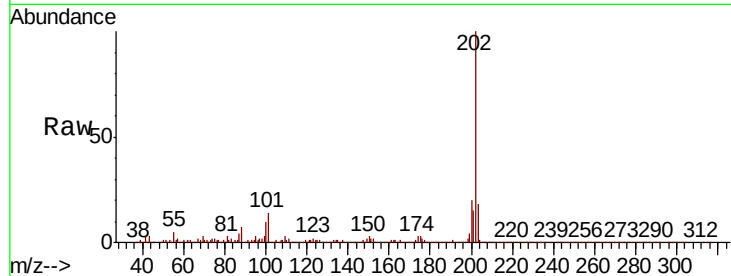
Tgt Ion:202 Resp: 855728

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.8

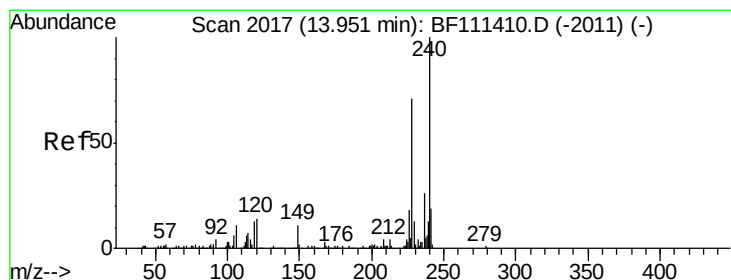
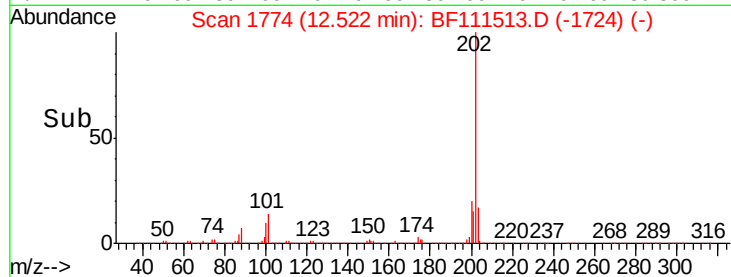
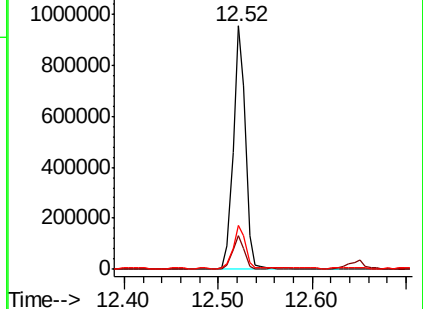
203 17.9 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

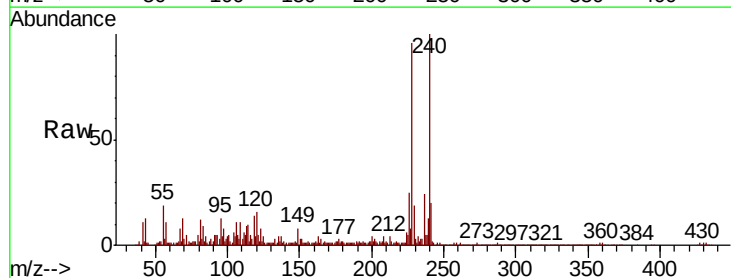
Tgt Ion:240 Resp: 397032

Ion Ratio Lower Upper

240 100

120 16.1 12.2 18.2

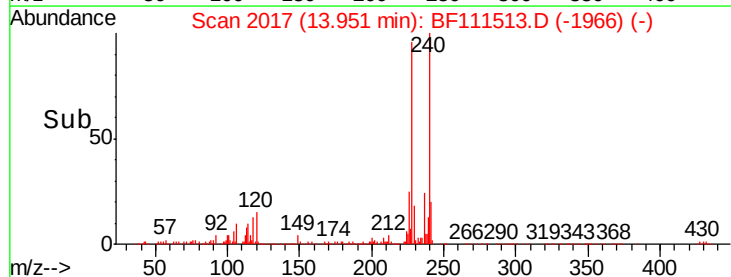
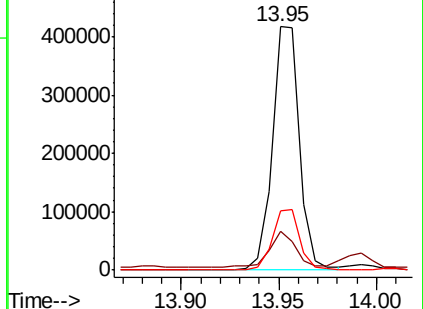
236 24.2 20.2 30.2

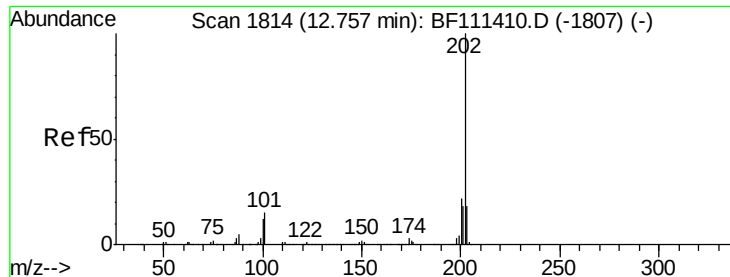


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

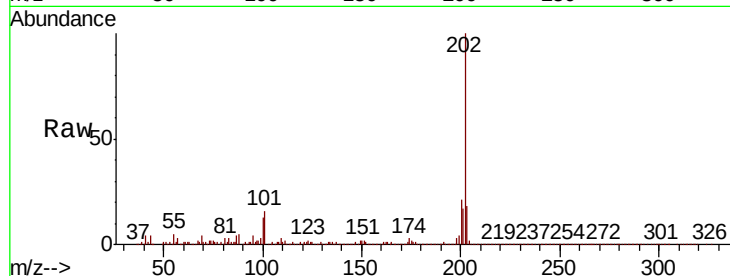




#78
 Pyrene
 Concen: 31.543 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-01MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	19.0	28.4
203	17.8	15.2	22.8

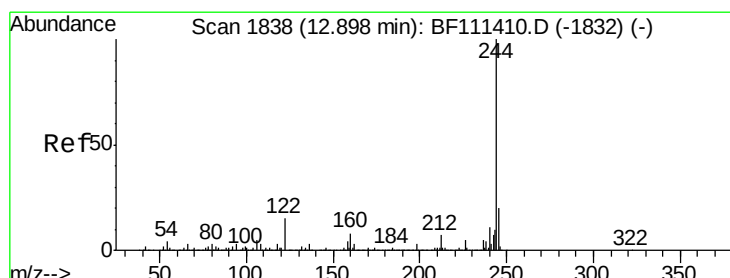
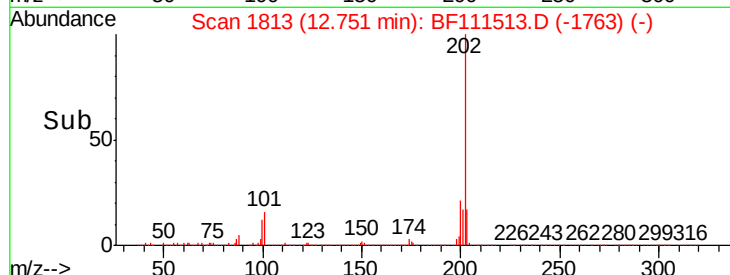
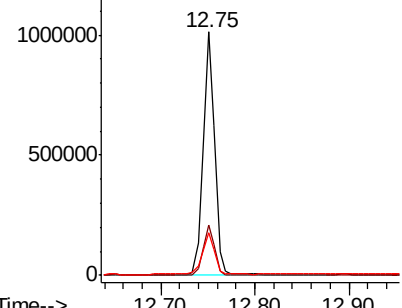


Abundance

Ion 202.00 (201.70 to 202.70): E

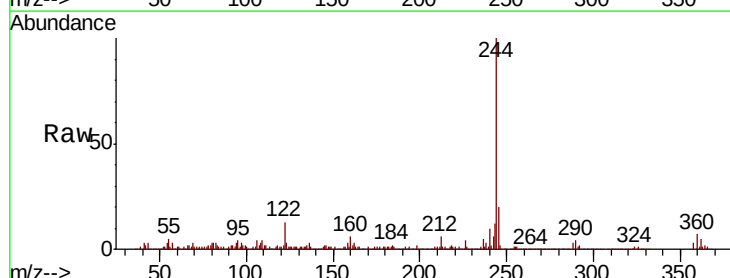
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
 Terphenyl-d14
 Concen: 56.697 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF111513.D
 Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	13.4	13.1	19.7

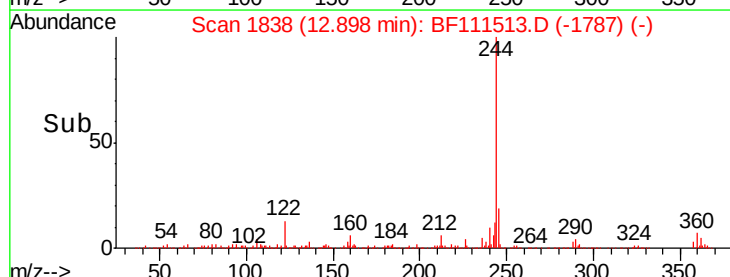
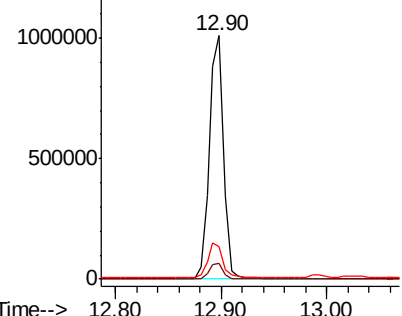


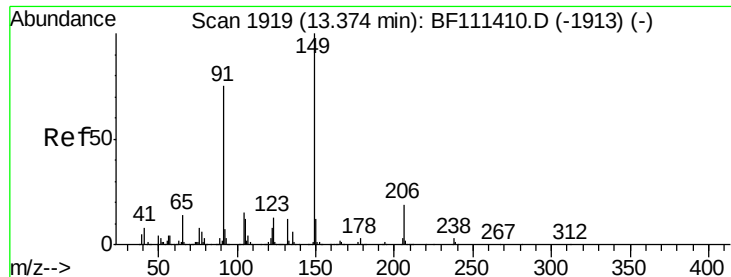
Abundance

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

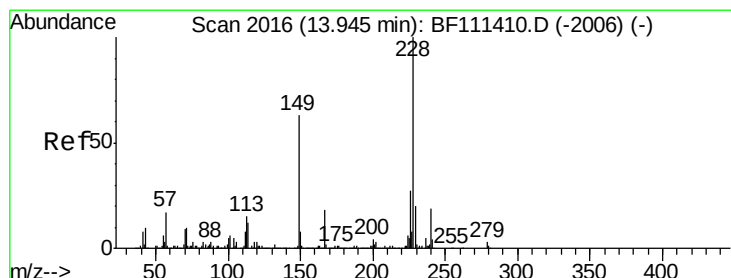
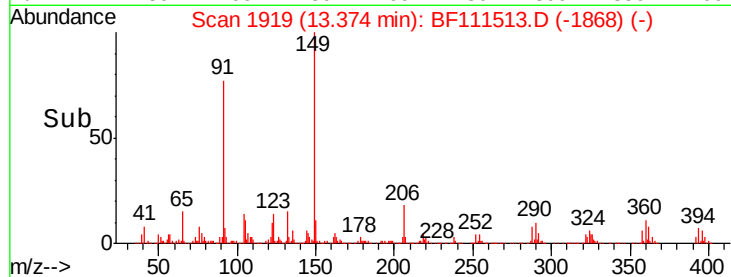
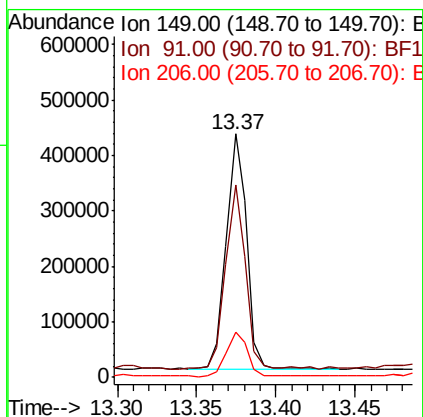
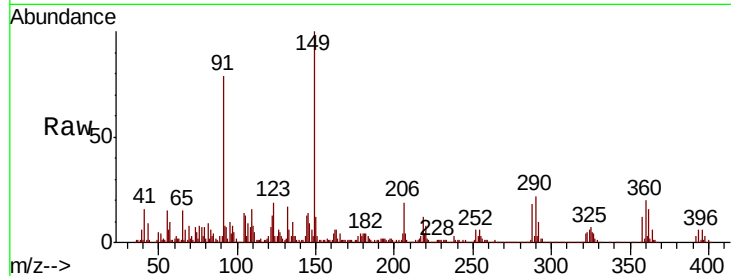




#80
Butylbenzylphthalate
Concen: 27.722 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

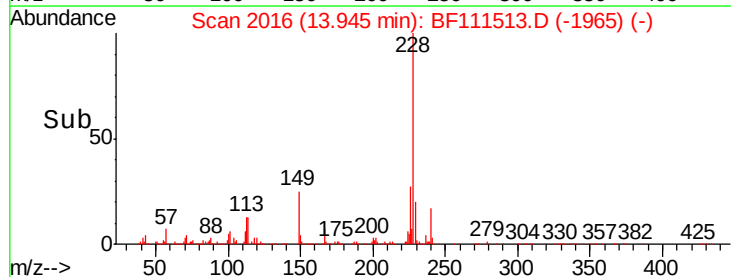
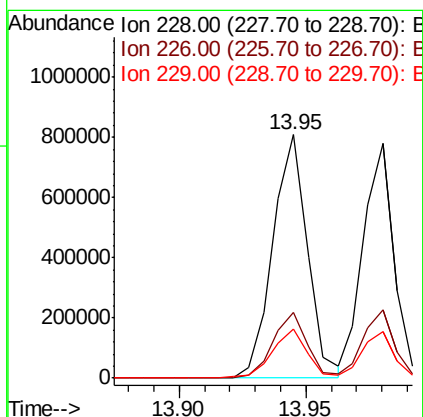
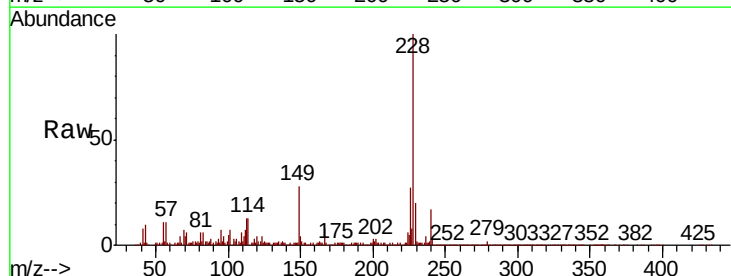
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

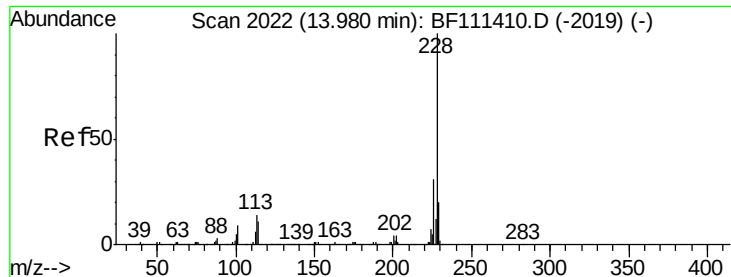
Tgt Ion:149 Resp: 378240
Ion Ratio Lower Upper
149 100
91 79.2 63.8 95.6
206 18.6 15.1 22.7



#81
Benzo(a)anthracene
Concen: 35.390 ng
RT: 13.95 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion:228 Resp: 764009
Ion Ratio Lower Upper
228 100
226 27.1 22.6 34.0
229 20.1 16.3 24.5





#83

Chrysene

Concen: 29.452 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

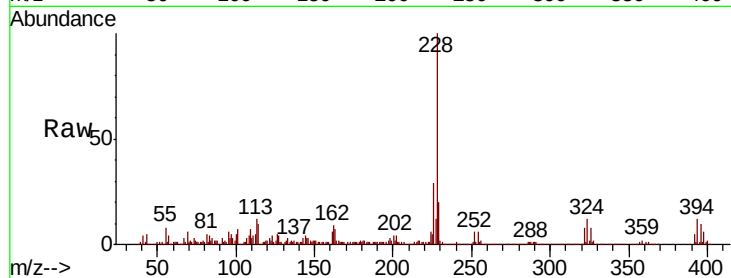
Tgt Ion:228 Resp: 669798

Ion Ratio Lower Upper

228 100

226 29.0 25.3 37.9

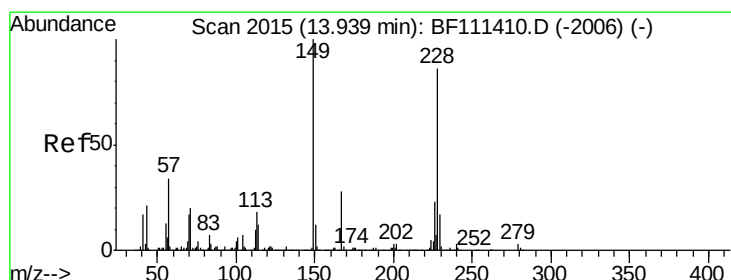
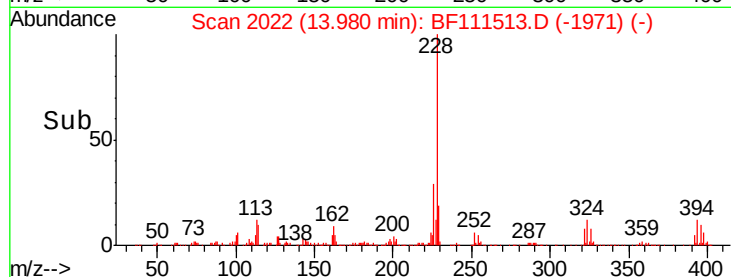
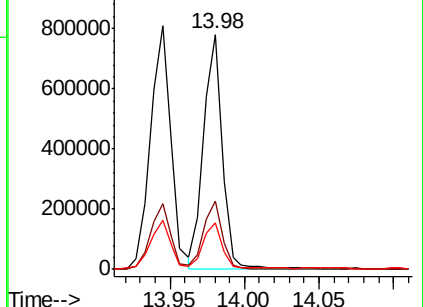
229 19.6 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.450 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

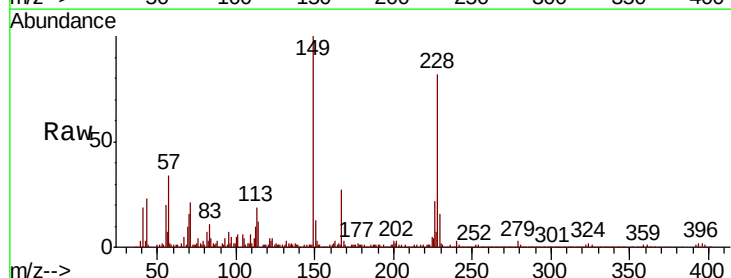
Tgt Ion:149 Resp: 582929

Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

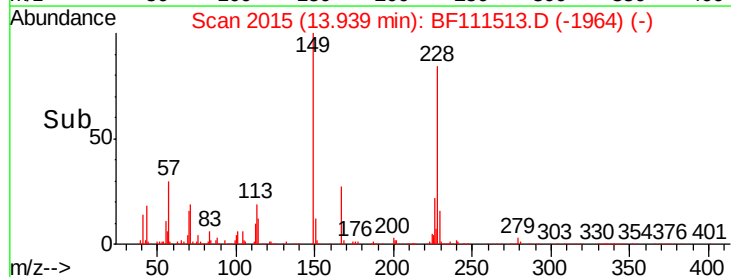
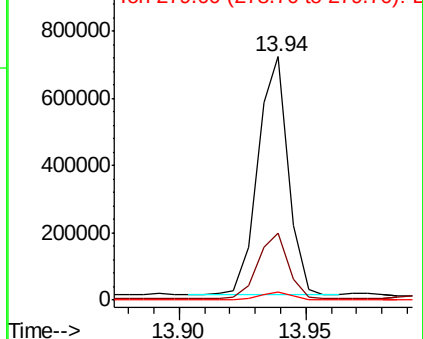
279 3.4 2.6 4.0

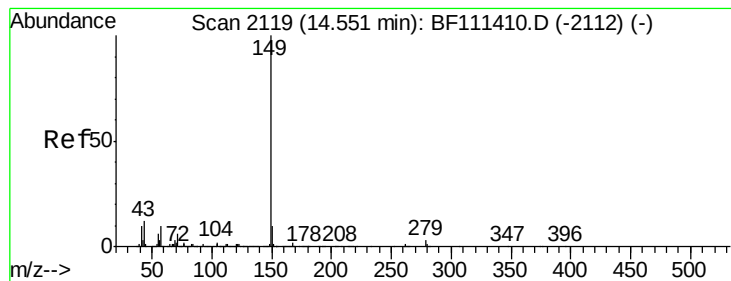


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.748 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-01MS

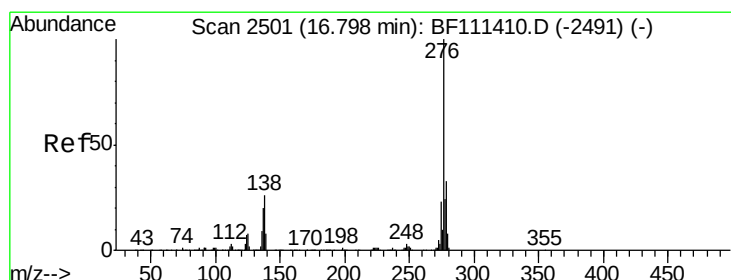
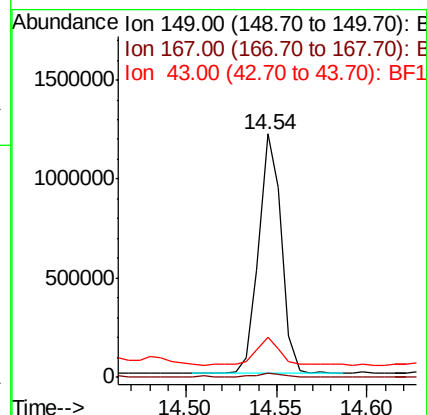
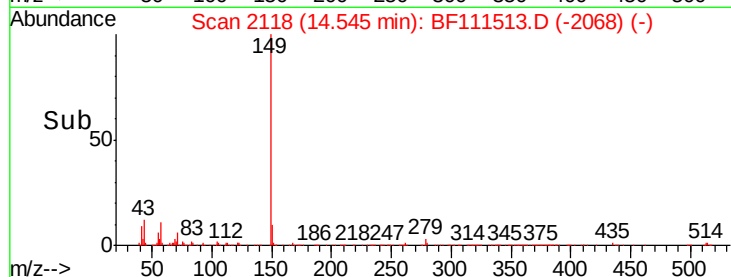
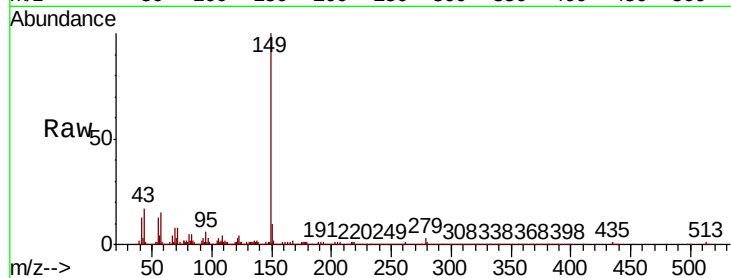
Tgt Ion:149 Resp: 1050824

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 10.9 16.3



#86

Indeno(1,2,3-cd)pyrene

Concen: 29.938 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111513.D

Acq: 16 Dec 2018 17:24

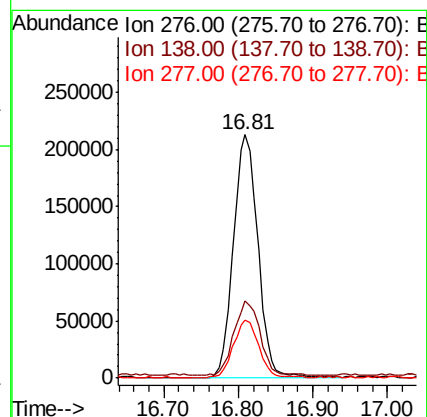
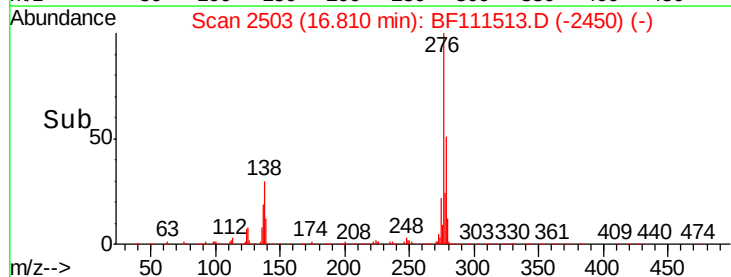
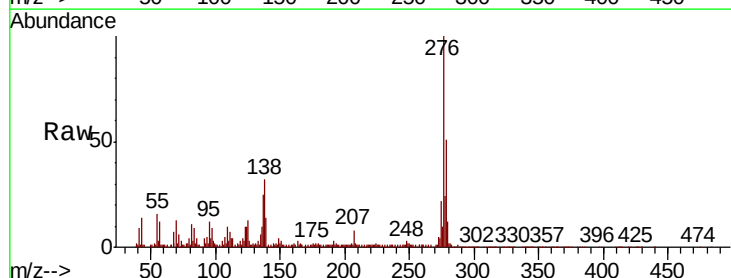
Tgt Ion:276 Resp: 491391

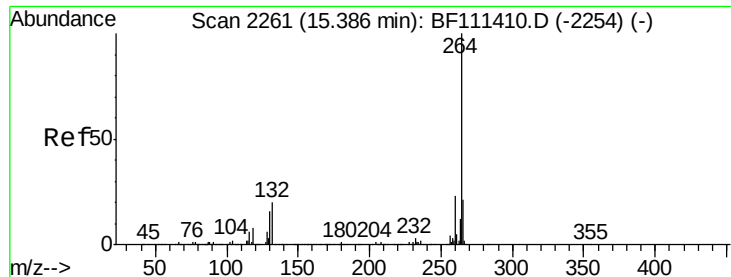
Ion Ratio Lower Upper

276 100

138 32.3 27.8 41.6

277 24.2 20.1 30.1

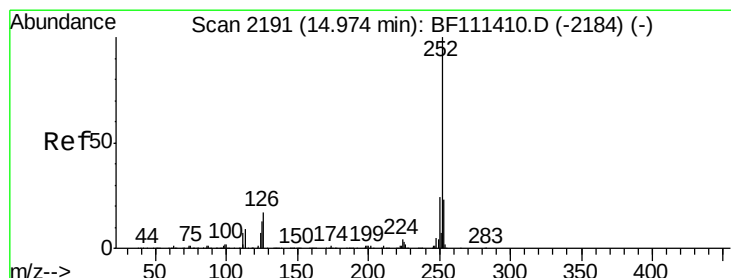
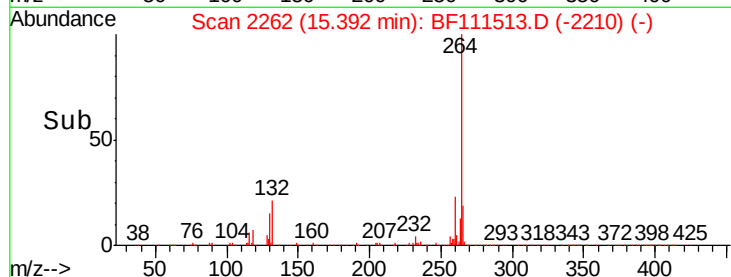
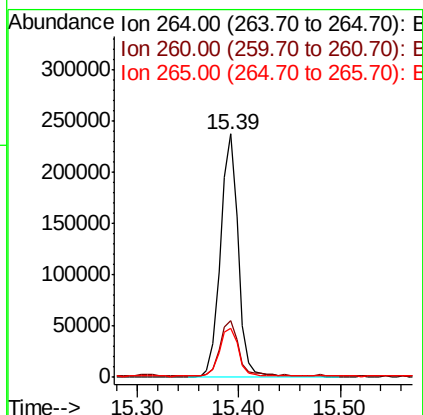
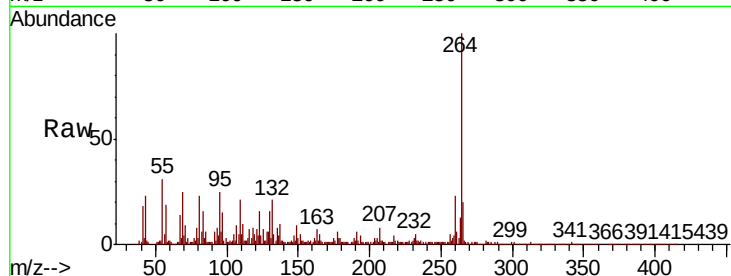




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

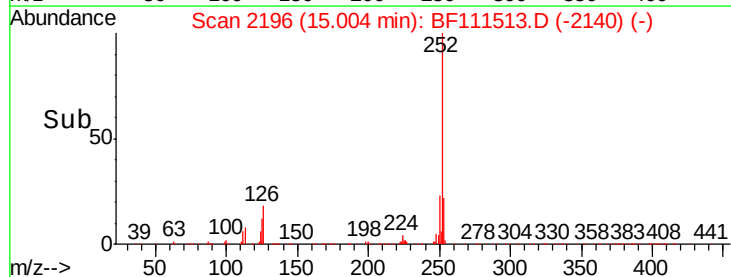
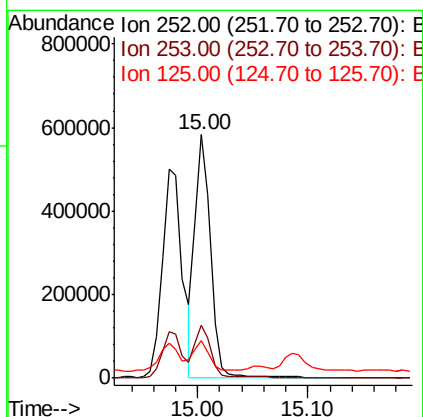
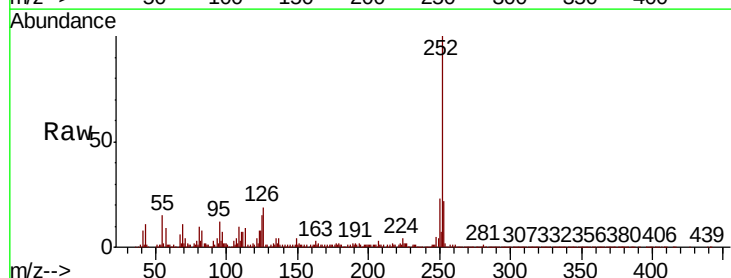
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

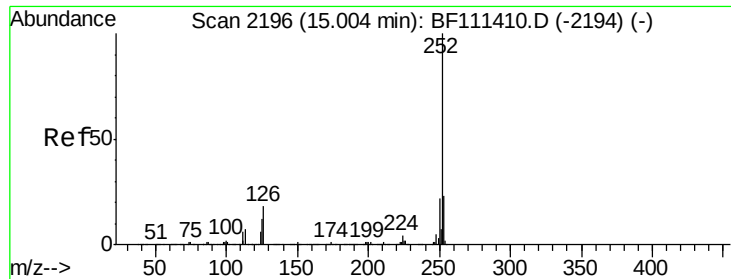
Tgt Ion:264 Resp: 287152
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 20.0 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 33.453 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.03 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion:252 Resp: 560046
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 15.3 10.4 15.6

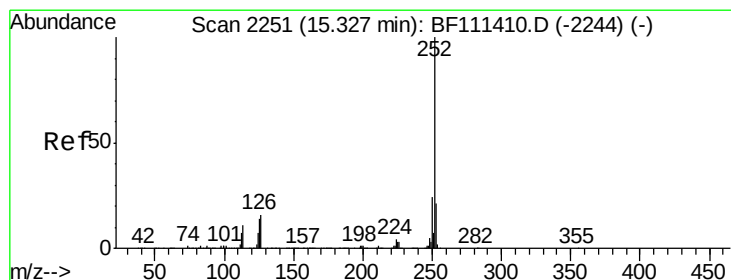
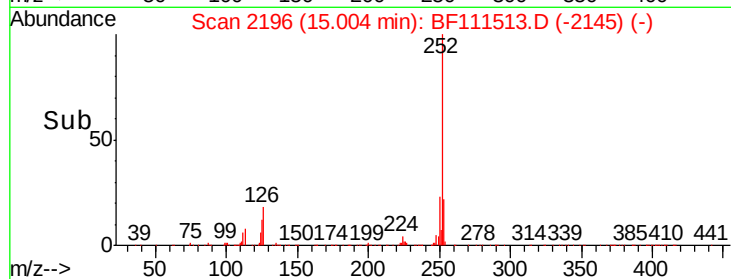
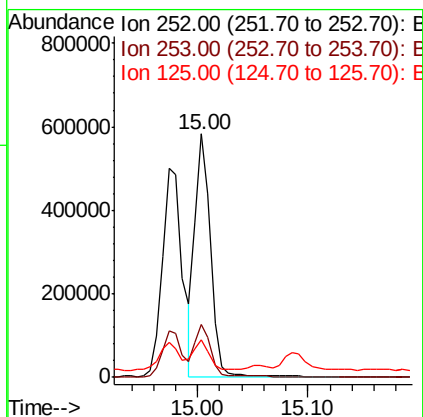
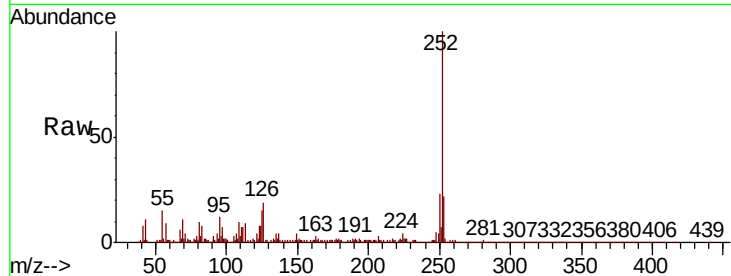




#89
Benzo(k)fluoranthene
Concen: 35.010 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

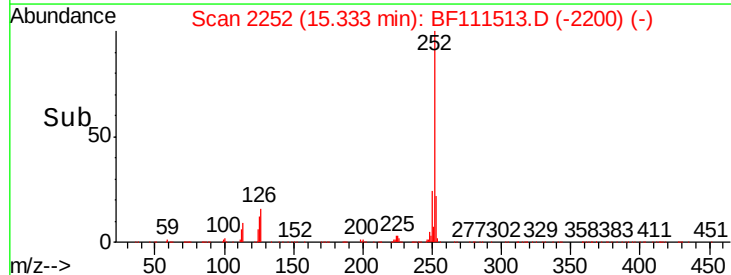
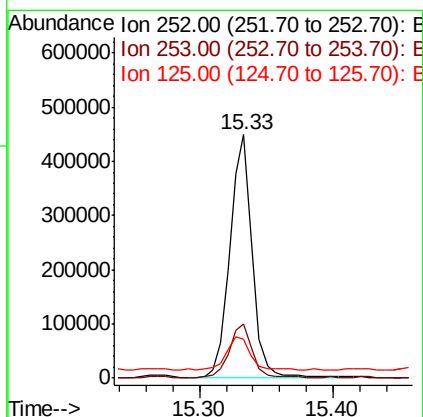
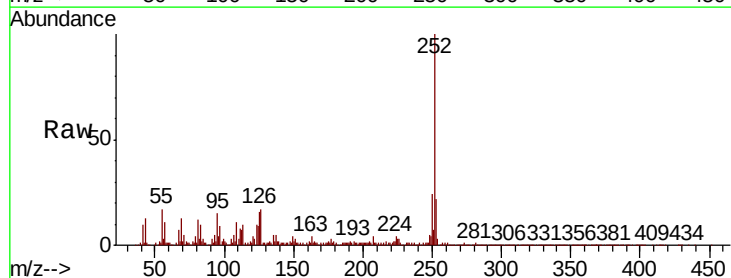
Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

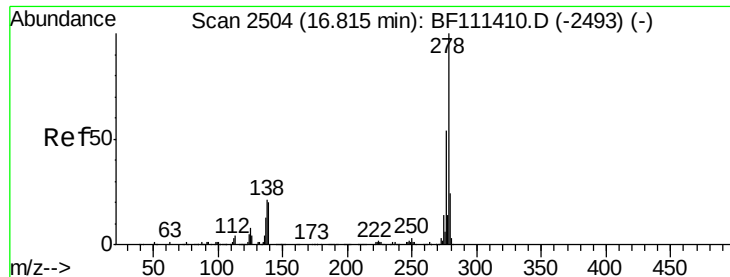
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	15.3	9.8	14.8#



#90
Benzo(a)pyrene
Concen: 34.504 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	15.8	12.3	18.5

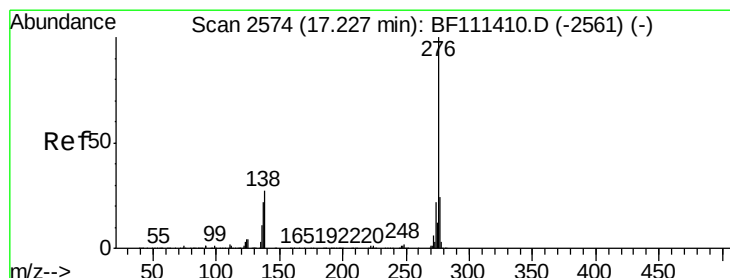
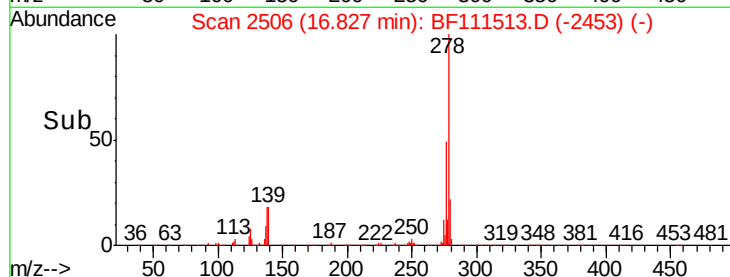
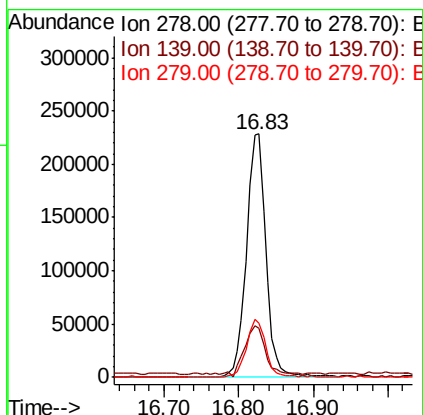
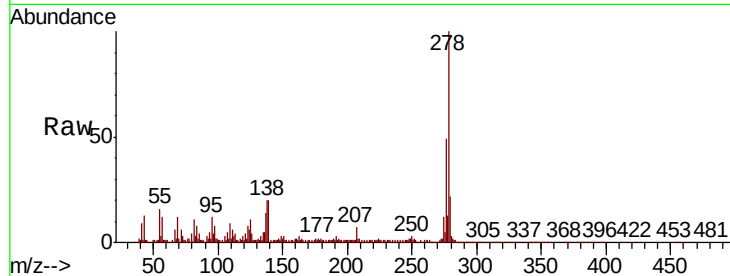




#91
Dibenzo(a,h)anthracene
Concen: 34.929 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-01MS

Tgt Ion: 278 Resp: 415960
Ion Ratio Lower Upper
278 100
139 20.4 18.2 27.4
279 22.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 33.746 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111513.D
Acq: 16 Dec 2018 17:24

Tgt Ion: 276 Resp: 394471
Ion Ratio Lower Upper
276 100
277 24.6 19.2 28.8
138 27.7 24.9 37.3

