

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111692.D
 Acq On : 21 Dec 2018 17:28
 Operator : JU/SJ
 Sample : J6447-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Quant Time: Dec 21 22:34:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	166109	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	589597	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	260960	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	435505	20.00	ng	0.00
76) Chrysene-d12	14.07	240	324795	20.00	ng	0.02
87) Perylene-d12	15.56	264	246147	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	791774	81.25	ng	0.02
7) Phenol-d6	6.54	99	1015346	81.87	ng	0.02
23) Nitrobenzene-d5	7.46	82	625318	61.73	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	249897	81.04	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1094837	61.15	ng	0.00
79) Terphenyl-d14	13.01	244	989732	57.79	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	89353	19.488	ng	97
3) Pyridine	3.50	79	246764	20.658	ng	98
4) n-Nitrosodimethylamine	3.40	42	169155	28.935	ng	82
6) Aniline	6.56	93	62734	3.968	ng	# 86
8) 2-Chlorophenol	6.69	128	301329	27.913	ng	95
9) Benzaldehyde	6.45	77	94299	11.055	ng	95
10) Phenol	6.55	94	460652	32.919	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	283981	27.082	ng	98
12) 1,3-Dichlorobenzene	6.85	146	334400	26.730	ng	98
13) 1,4-Dichlorobenzene	6.92	146	339281	26.741	ng	96
14) 1,2-Dichlorobenzene	7.07	146	317121	26.790	ng	97
15) Benzyl Alcohol	7.04	79	263902	26.793	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	478536	24.779	ng	99
17) 2-Methylphenol	7.16	107	238945	27.643	ng	96
18) Hexachloroethane	7.42	117	73517	17.195	ng	# 90
19) n-Nitroso-di-n-propylamine	7.31	70	215722	26.191	ng	98
20) 3+4-Methylphenols	7.30	107	318582	29.168	ng	# 85
22) Acetophenone	7.30	105	408861	27.373	ng	# 98
24) Nitrobenzene	7.48	77	316254	29.790	ng	97
25) Isophorone	7.72	82	549326	30.548	ng	99
26) 2-Nitrophenol	7.80	139	148196	34.419	ng	95
27) 2,4-Dimethylphenol	7.83	122	265733	31.308	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	340362	28.444	ng	100
29) 2,4-Dichlorophenol	8.04	162	250283	27.416	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	274949	27.027	ng	97
31) Naphthalene	8.20	128	843982	29.792	ng	97
32) Benzoic acid	7.95	122	165692	29.525	ng	96
33) 4-Chloroaniline	8.25	127	47249	3.859	ng	97
34) Hexachlorobutadiene	8.33	225	166242	26.812	ng	96
35) Caprolactam	8.62	113	70720	22.861	ng	# 86
36) 4-Chloro-3-methylphenol	8.73	107	238359	26.561	ng	98
37) 2-Methylnaphthalene	8.90	142	553495	30.030	ng	98
38) 1-Methylnaphthalene	9.00	142	515437	29.118	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	266205	31.044	ng	# 96

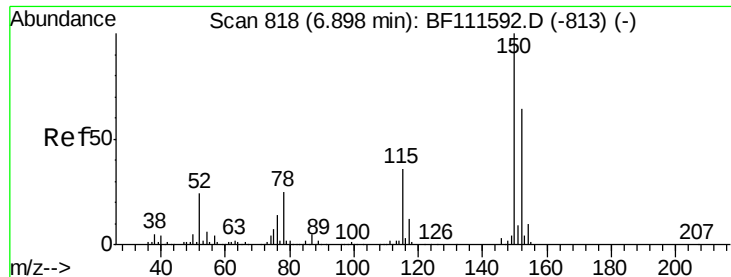
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	22952	5.516	ng	94
43) 2,4,6-Trichlorophenol	9.17	196	168553	29.441	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	171924	29.271	ng	94
46) 1,1'-Biphenyl	9.36	154	687736	31.220	ng	93
47) 2-Chloronaphthalene	9.39	162	501041	28.707	ng	93
48) 2-Nitroaniline	9.47	65	155036	34.145	ng	98
49) Acenaphthylene	9.80	152	752003	29.510	ng	96
50) Dimethylphthalate	9.66	163	652030	34.168	ng	98
51) 2,6-Dinitrotoluene	9.72	165	118172	31.056	ng	98
52) Acenaphthene	9.97	154	449140	28.577	ng	99
53) 3-Nitroaniline	9.88	138	57372	14.137	ng	95
54) 2,4-Dinitrophenol	9.98	184	22077	23.734	ng #	1
55) Dibenzofuran	10.15	168	664956	28.004	ng	94
56) 4-Nitrophenol	10.05	139	183028	59.098	ng	91
57) 2,4-Dinitrotoluene	10.12	165	145659	31.850	ng #	95
58) Fluorene	10.49	166	508229	29.703	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	145512	29.439	ng	89
60) Diethylphthalate	10.36	149	542907	29.002	ng	99
61) 4-Chlorophenyl-phenylether	10.48	204	254940	26.969	ng	89
62) 4-Nitroaniline	10.49	138	67786	17.186	ng	93
63) Azobenzene	10.64	77	475974	25.327	ng	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	19069	15.810	ng	86
66) n-Nitrosodiphenylamine	10.59	169	425284	29.091	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	151773	28.098	ng	91
68) Hexachlorobenzene	11.04	284	174778	29.020	ng	94
69) Atrazine	11.12	200	155187	30.556	ng	96
70) Pentachlorophenol	11.23	266	182919	49.128	ng	96
71) Phenanthrene	11.45	178	725181	31.398	ng	93
72) Anthracene	11.50	178	709610	30.609	ng	95
73) Carbazole	11.65	167	616033	27.370	ng	95
74) Di-n-butylphthalate	11.99	149	749350	29.694	ng	96
75) Fluoranthene	12.64	202	718342	30.714	ng	94
78) Pyrene	12.87	202	723428	31.541	ng	96
80) Butylbenzylphthalate	13.49	149	285844	30.574	ng #	90
81) Benzo(a)anthracene	14.06	228	549612	29.651	ng	99
83) Chrysene	14.09	228	494583	27.148	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	387942	32.942	ng #	98
85) Di-n-octyl phthalate	14.67	149	577558	31.654	ng	100
86) Indeno(1,2,3-cd)pyrene	17.05	276	405796	26.202	ng #	87
88) Benzo(b)fluoranthene	15.12	252	439032	30.518	ng #	96
89) Benzo(k)fluoranthene	15.15	252	416931	30.442	ng	96
90) Benzo(a)pyrene	15.49	252	387417	29.643	ng #	95
91) Dibenzo(a,h)anthracene	17.07	278	340600	29.760	ng #	90
92) Benzo(g,h,i)perylene	17.50	276	318126	28.466	ng #	88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

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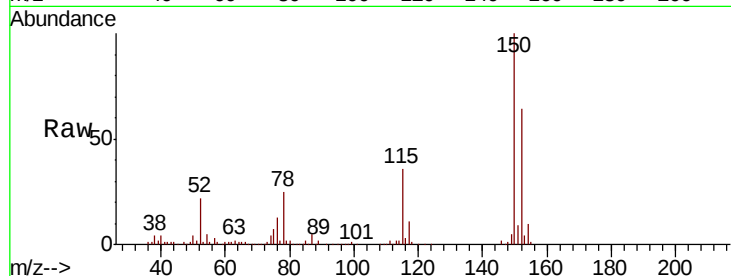
Tgt Ion:152 Resp: 166109

Ion Ratio Lower Upper

152 100

150 156.9 126.6 189.8

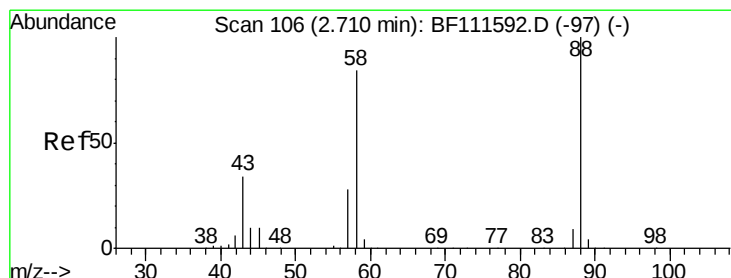
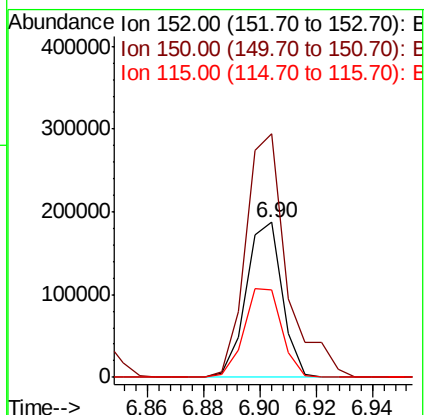
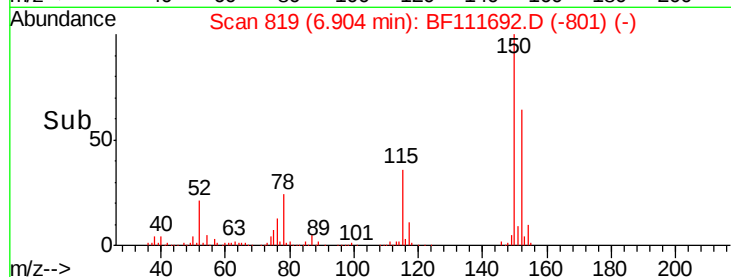
115 56.3 50.7 76.1



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: 19.488 ng

RT: 2.70 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

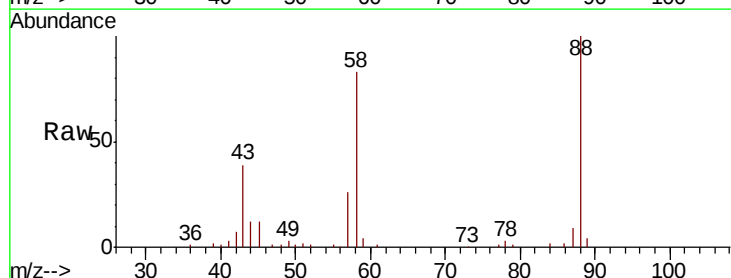
Tgt Ion: 88 Resp: 89353

Ion Ratio Lower Upper

88 100

58 84.8 68.9 103.3

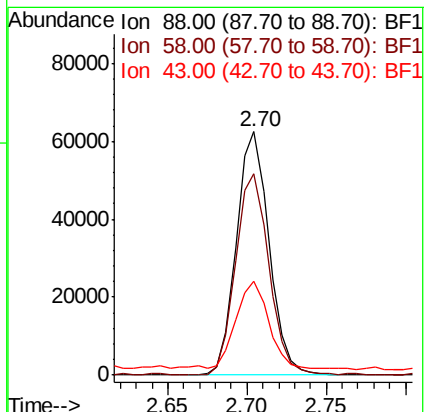
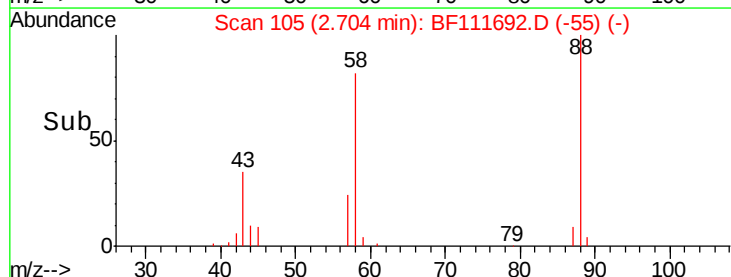
43 36.8 25.8 38.6

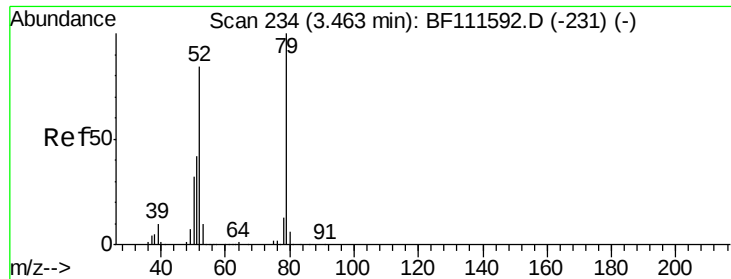


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 20.658 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.04 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

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ClientSampleId :

P001-SS025-1218-01MS

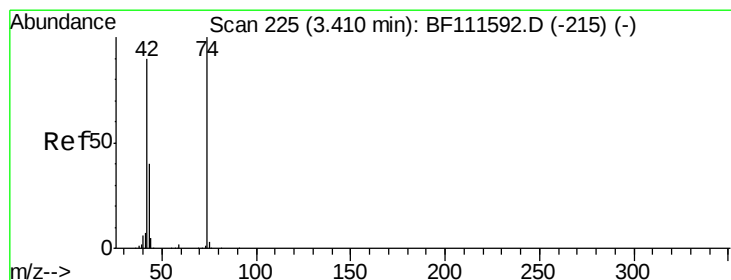
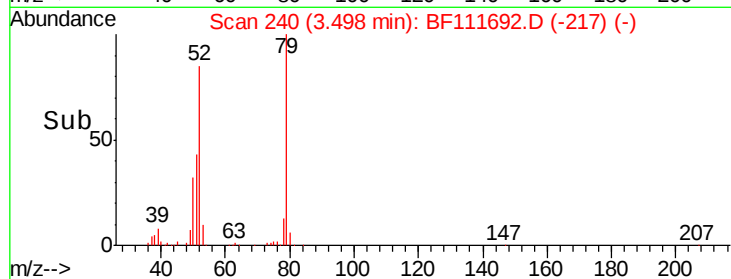
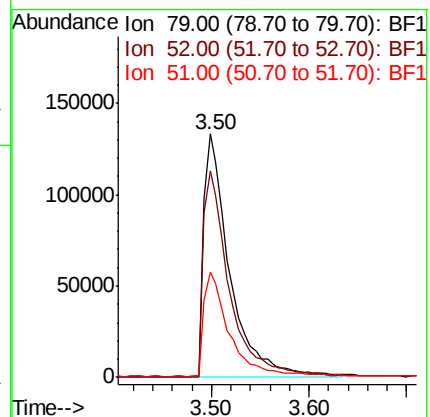
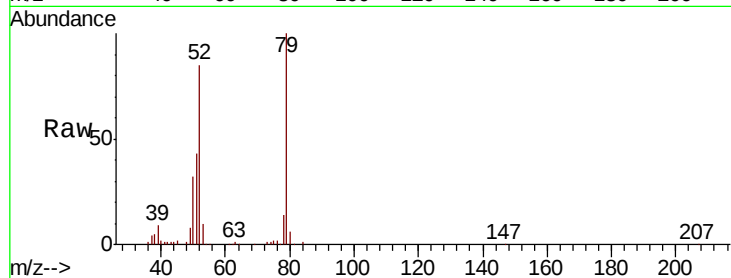
Tgt Ion: 79 Resp: 246764

Ion Ratio Lower Upper

79 100

52 84.8 68.3 102.5

51 43.2 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 28.935 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

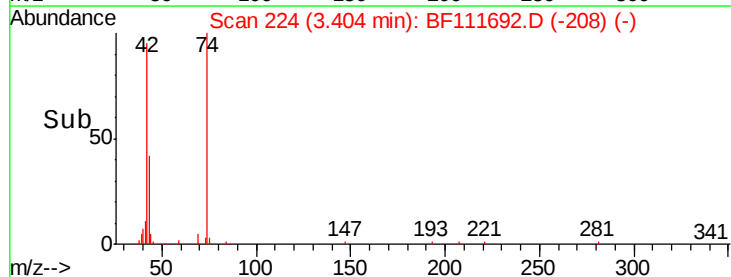
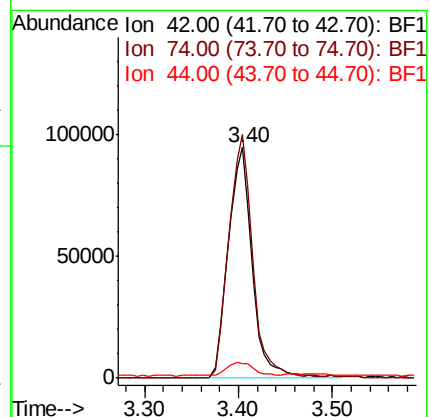
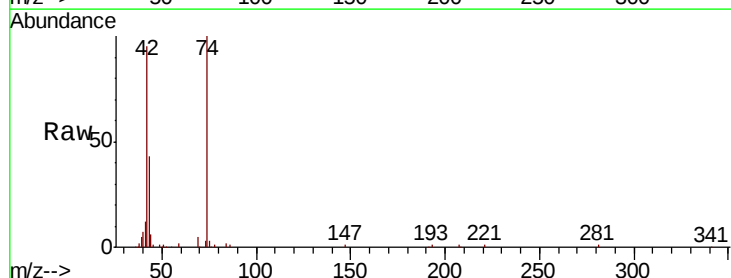
Tgt Ion: 42 Resp: 169155

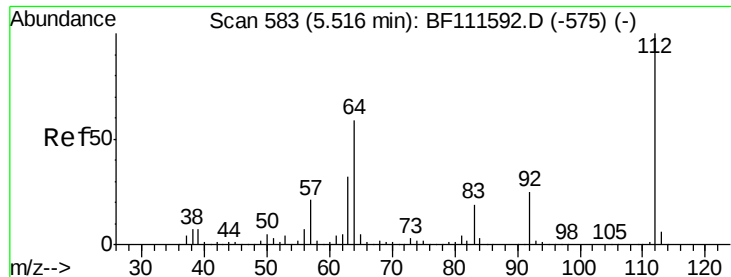
Ion Ratio Lower Upper

42 100

74 105.6 101.5 152.3

44 6.5 6.0 9.0





#5

2-Fluorophenol

Concen: 81.248 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

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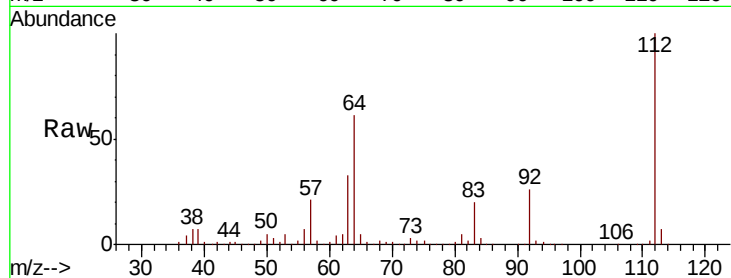
Tgt Ion: 112 Resp: 791774

Ion Ratio Lower Upper

112 100

64 61.2 51.8 77.6

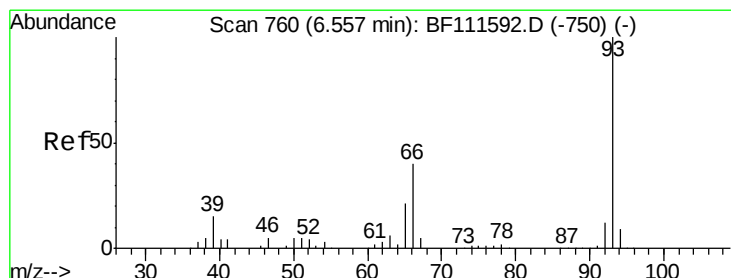
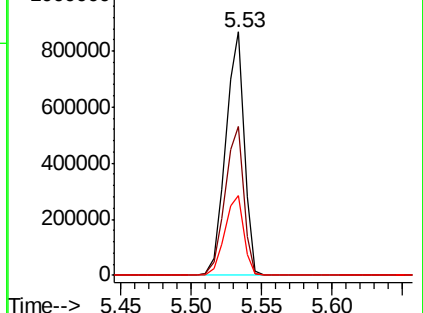
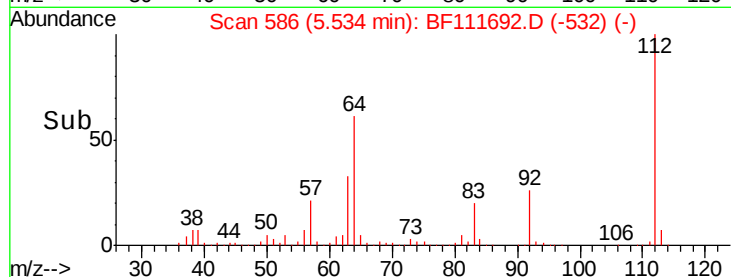
63 32.9 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.968 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

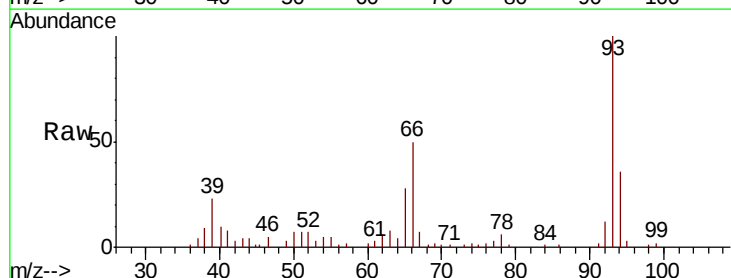
Tgt Ion: 93 Resp: 62734

Ion Ratio Lower Upper

93 100

66 49.6 33.2 49.8

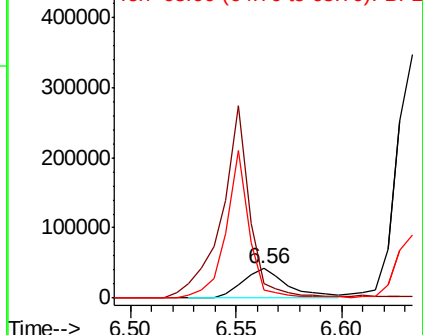
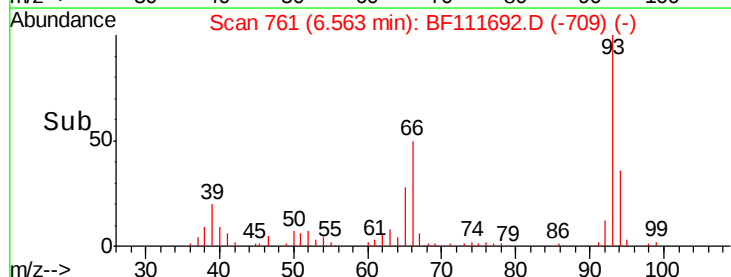
65 28.5 17.0 25.4#

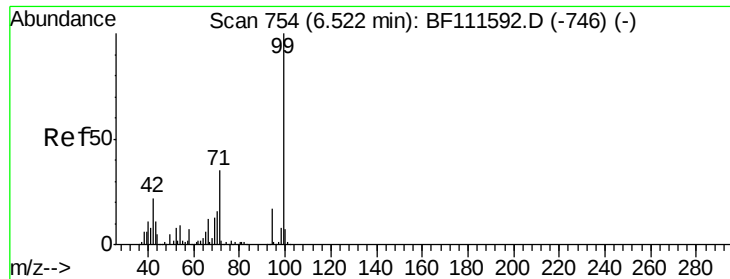


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.869 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

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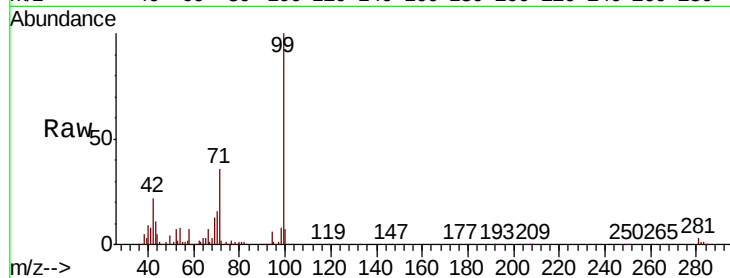
Tgt Ion: 99 Resp: 1015346

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

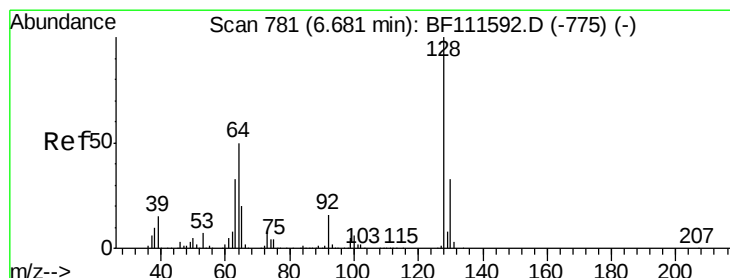
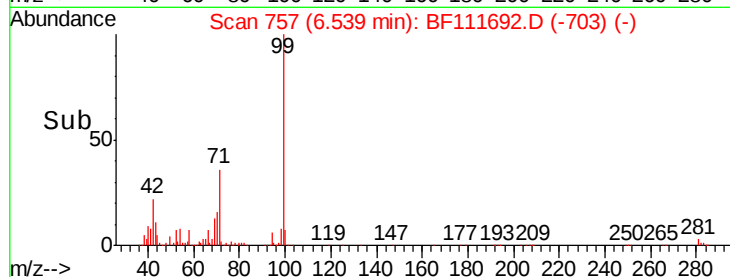
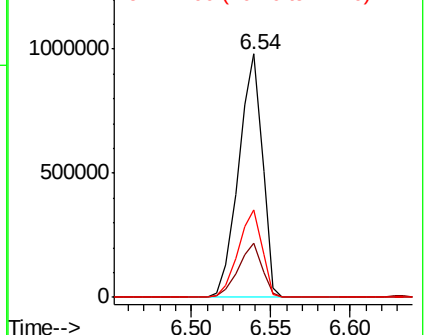
71 36.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 27.913 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

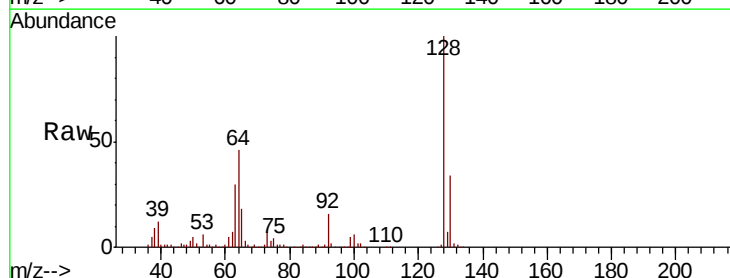
Tgt Ion: 128 Resp: 301329

Ion Ratio Lower Upper

128 100

130 33.8 12.7 52.7

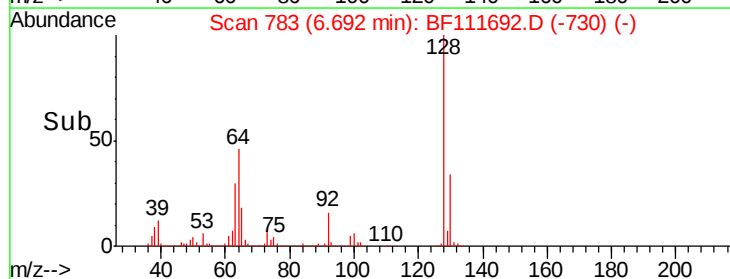
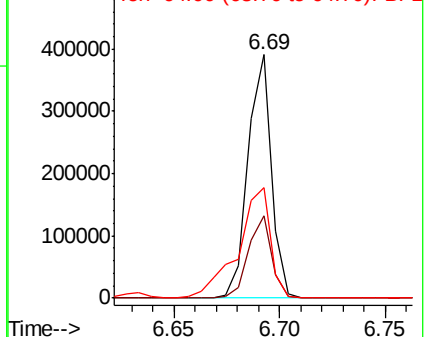
64 45.6 30.0 70.0

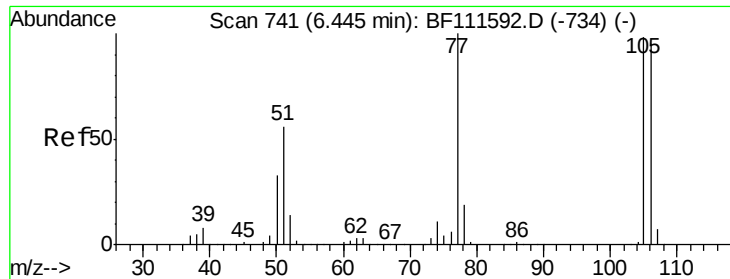


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.055 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111692.D

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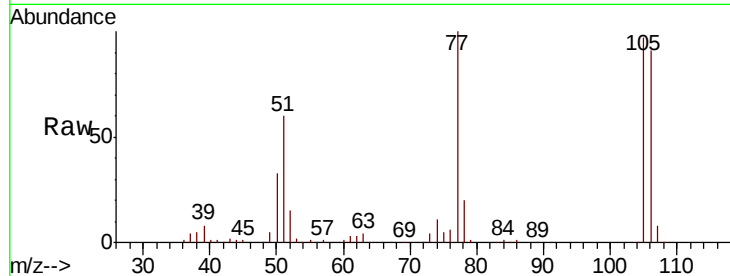
Tgt Ion: 77 Resp: 94299

Ion Ratio Lower Upper

77 100

105 97.3 81.4 121.4

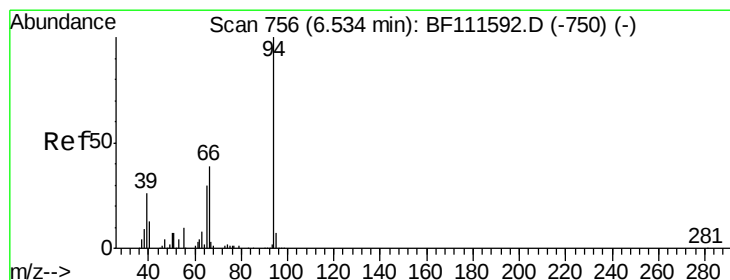
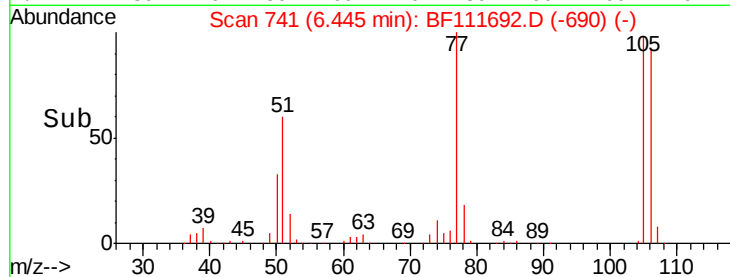
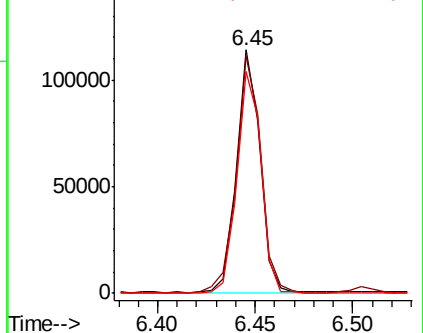
106 91.4 77.9 117.9



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: 32.919 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

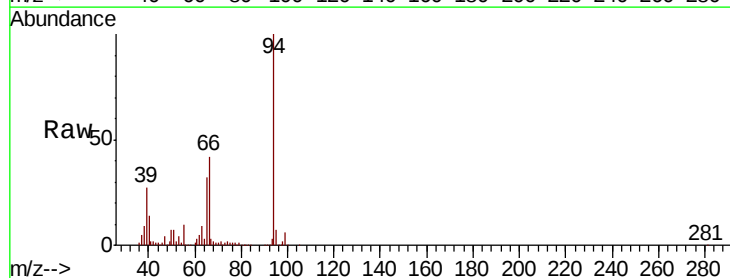
Tgt Ion: 94 Resp: 460652

Ion Ratio Lower Upper

94 100

65 31.9 11.7 51.7

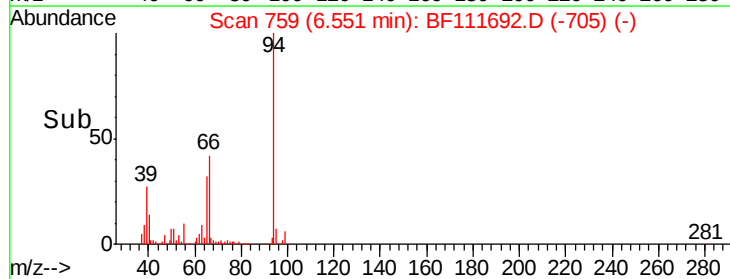
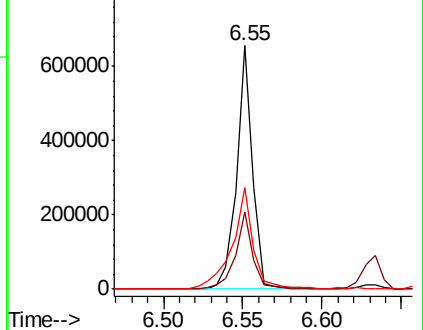
66 41.9 21.0 61.0



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

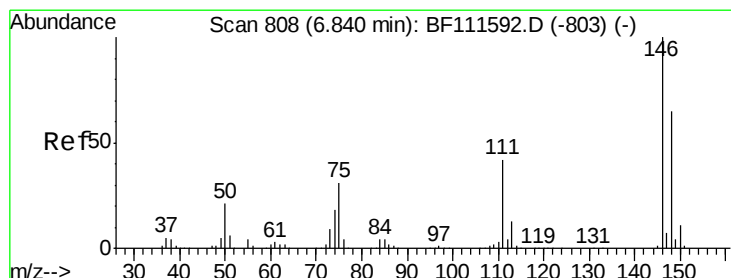
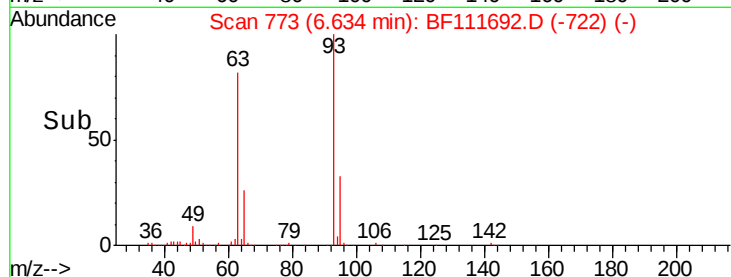
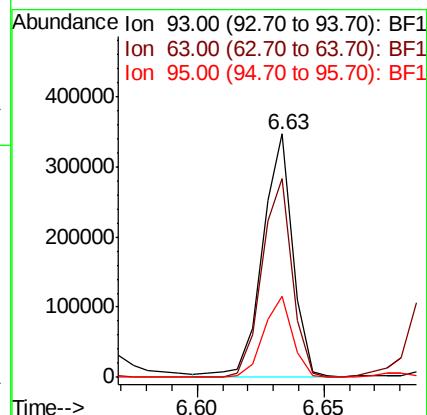
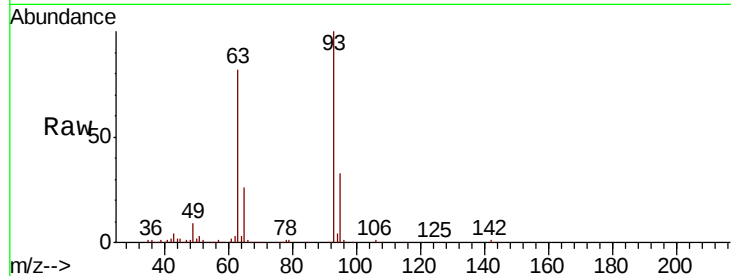




#11
bis(2-Chloroethyl)ether
Concen: 27.082 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

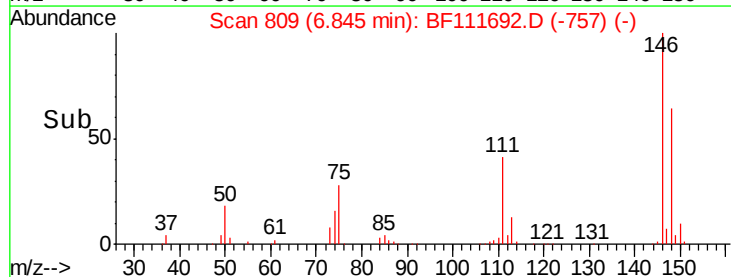
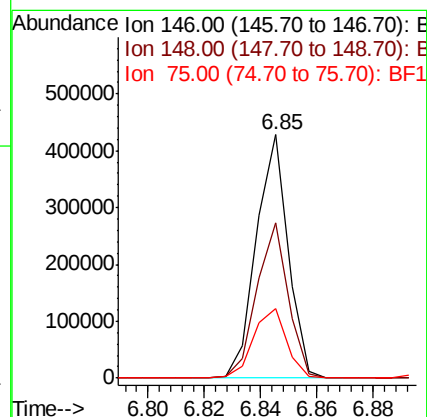
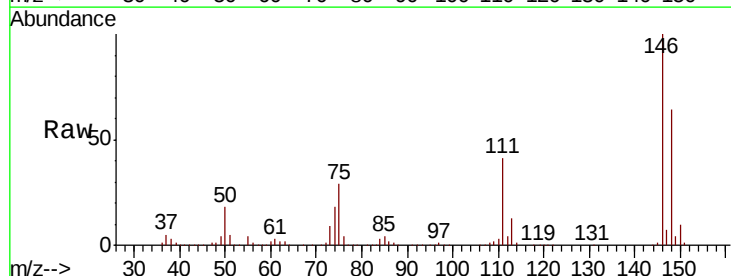
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

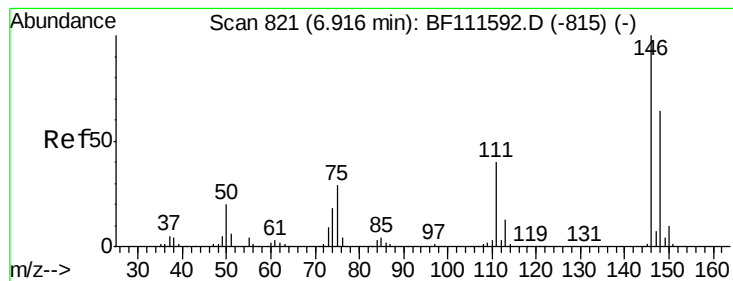
Tgt Ion: 93 Resp: 283981
Ion Ratio Lower Upper
93 100
63 81.7 60.0 100.0
95 33.1 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 26.730 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion: 146 Resp: 334400
Ion Ratio Lower Upper
146 100
148 64.1 52.1 78.1
75 28.7 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 26.741 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

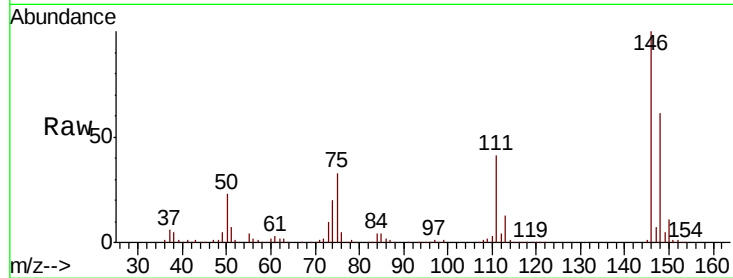
Tgt Ion:146 Resp: 339281

Ion Ratio Lower Upper

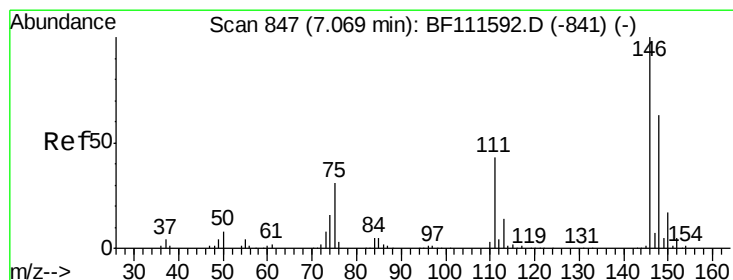
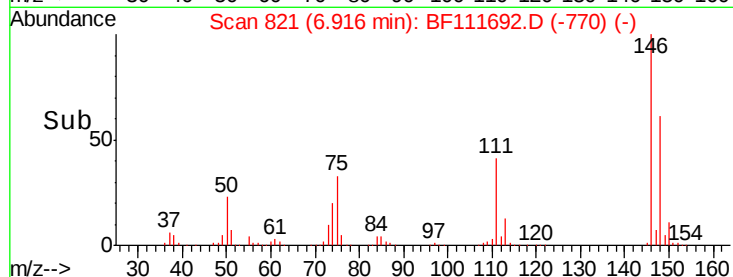
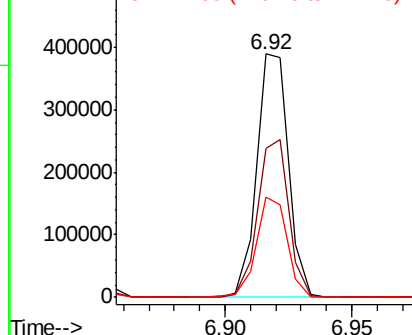
146 100

148 61.4 52.8 79.2

111 41.2 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 26.790 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

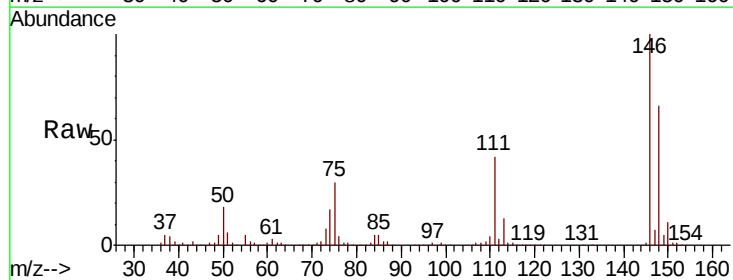
Tgt Ion:146 Resp: 317121

Ion Ratio Lower Upper

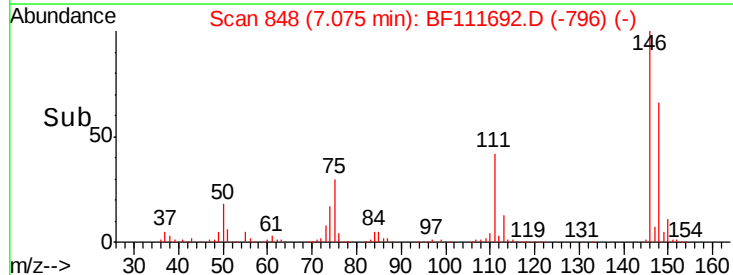
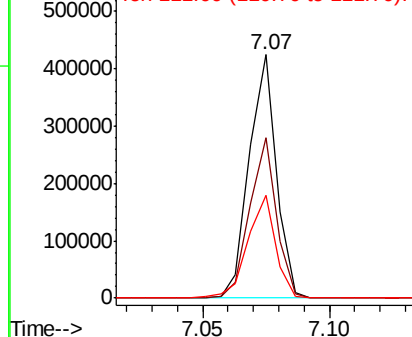
146 100

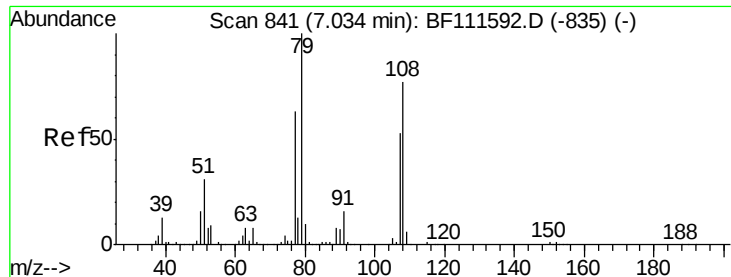
148 65.9 51.9 77.9

111 42.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.793 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

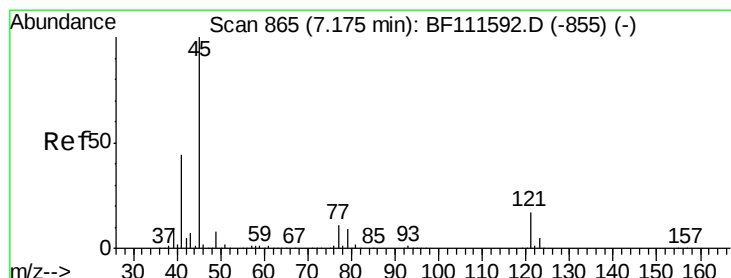
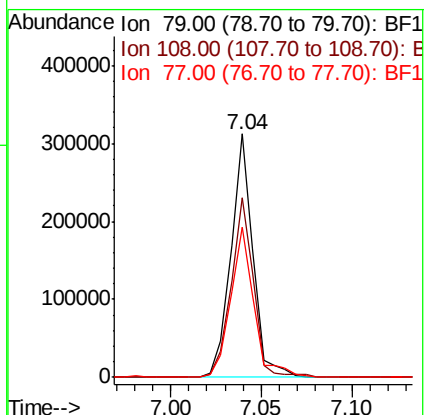
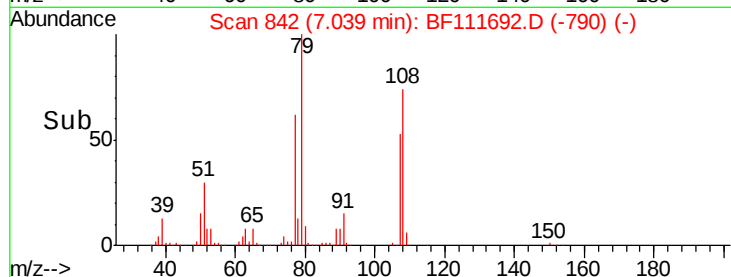
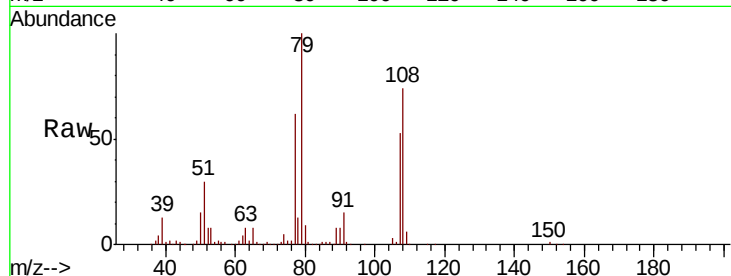
Tgt Ion: 79 Resp: 263902

Ion Ratio Lower Upper

79 100

108 73.7 69.4 104.2

77 61.9 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.779 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

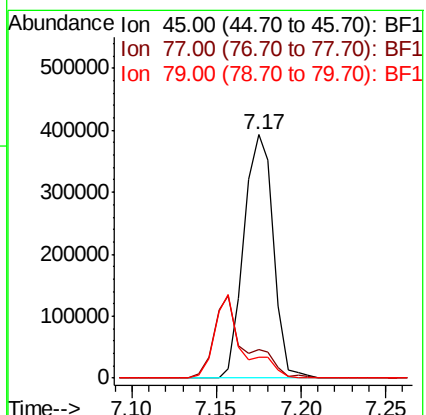
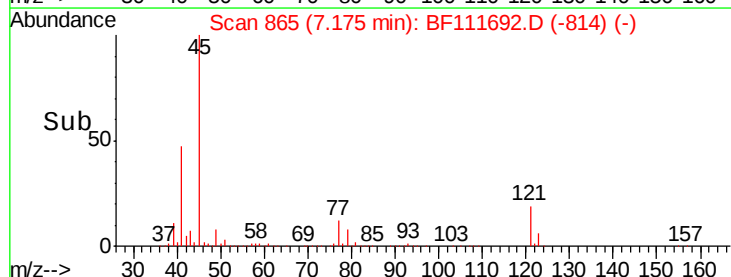
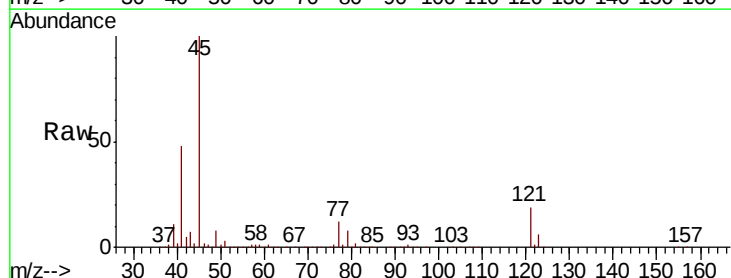
Tgt Ion: 45 Resp: 478536

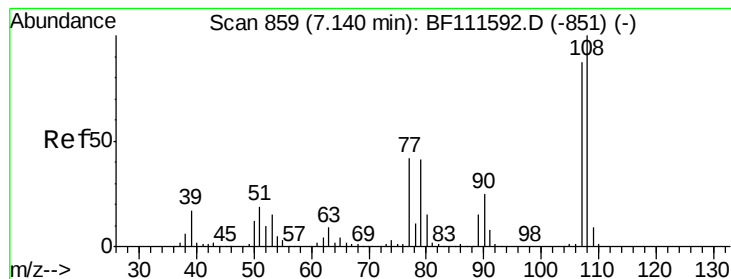
Ion Ratio Lower Upper

45 100

77 11.9 0.0 31.5

79 8.5 0.0 28.9





#17

2-Methylphenol

Concen: 27.643 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

Tgt Ion:107 Resp: 238945

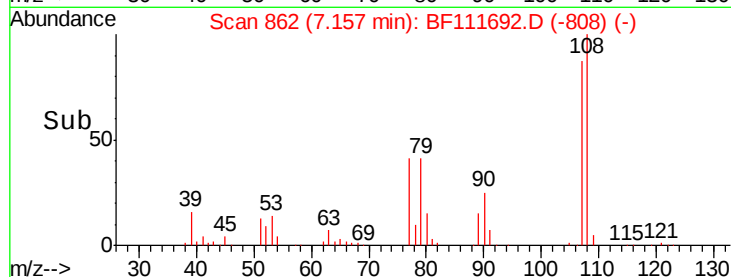
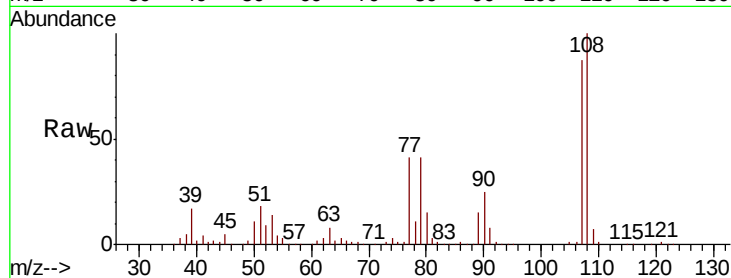
Ion Ratio Lower Upper

107 100

108 114.4 91.0 136.4

77 47.0 33.5 50.3

79 47.1 33.3 49.9

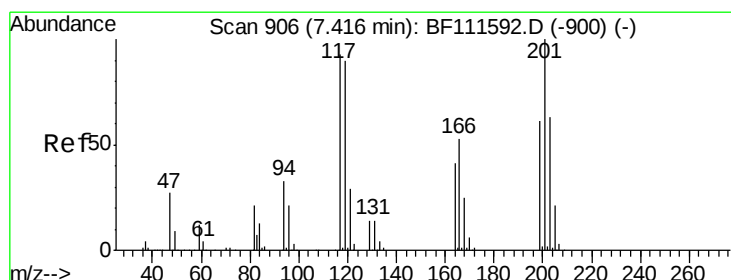
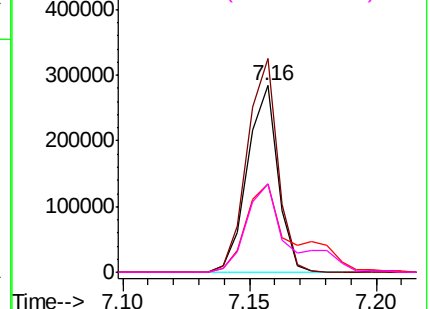


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 17.195 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

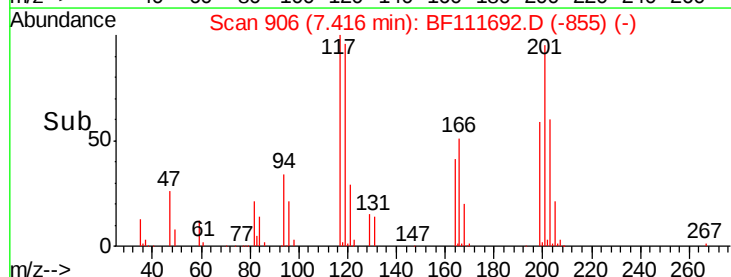
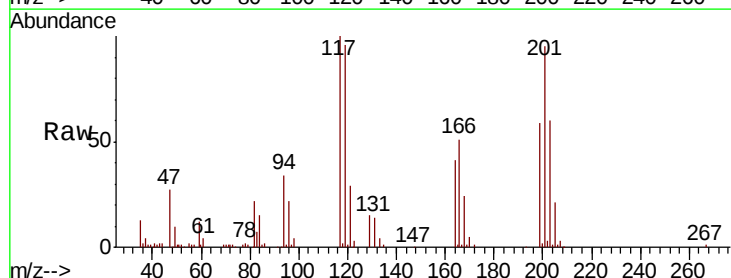
Tgt Ion:117 Resp: 73517

Ion Ratio Lower Upper

117 100

119 96.0 75.4 113.0

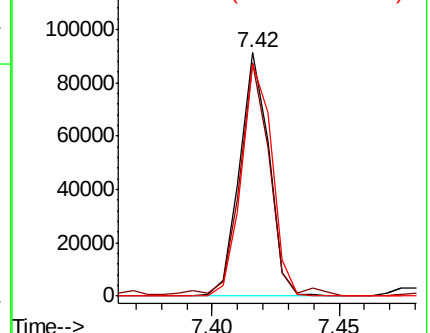
201 95.3 62.4 93.6#

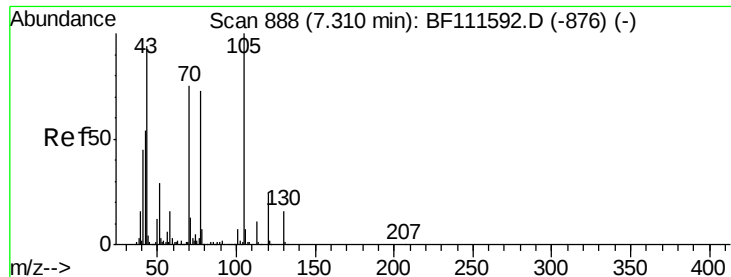


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

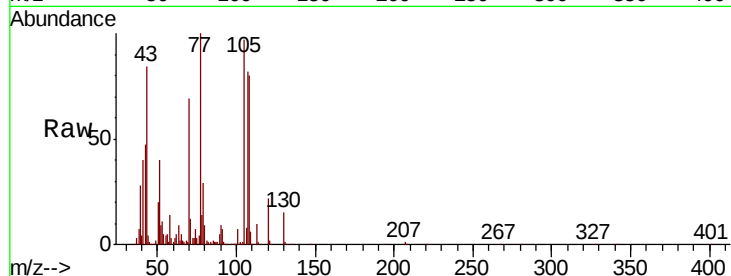




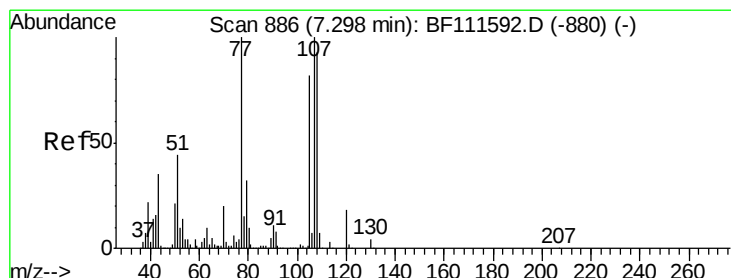
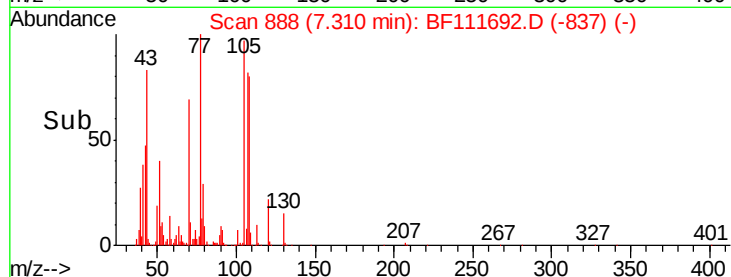
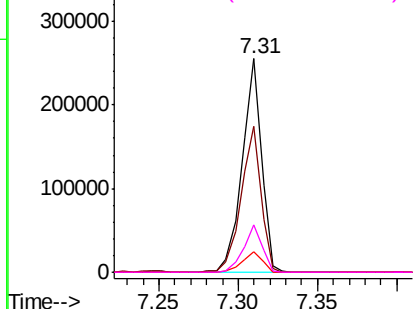
#19
n-Nitroso-di-n-propylamine
Concen: 26.191 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion: 70 Resp: 215722
Ion Ratio Lower Upper
70 100
42 68.2 53.2 79.8
101 9.8 8.2 12.4
130 22.0 18.1 27.1

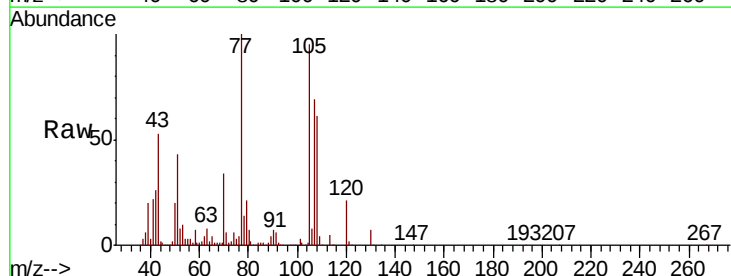


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

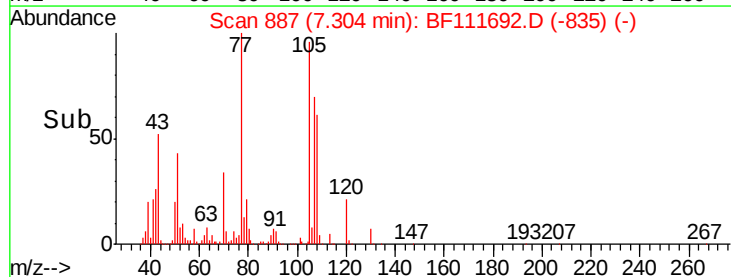
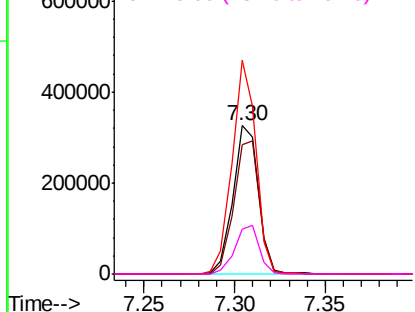


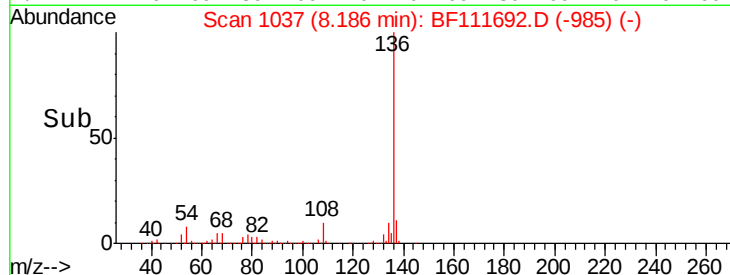
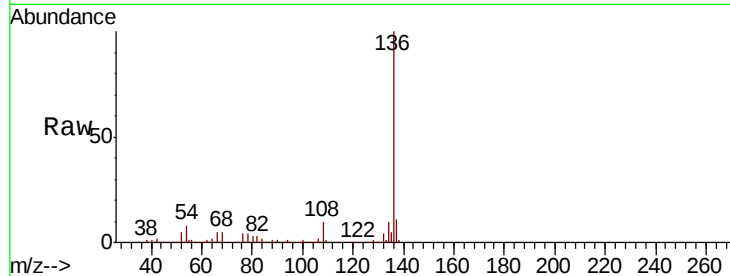
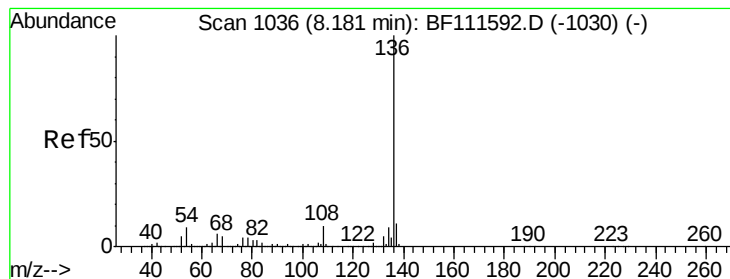
#20
3+4-Methylphenols
Concen: 29.168 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion: 107 Resp: 318582
Ion Ratio Lower Upper
107 100
108 87.1 72.1 112.1
77 144.0 94.1 134.1#
79 29.9 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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

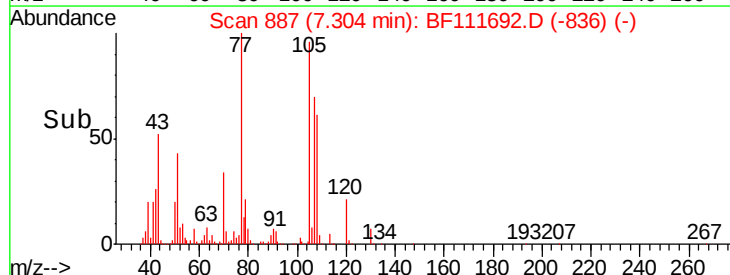
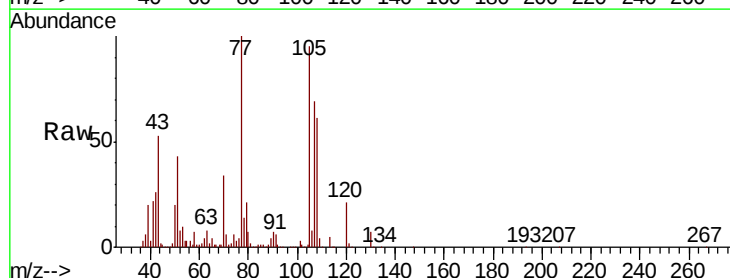
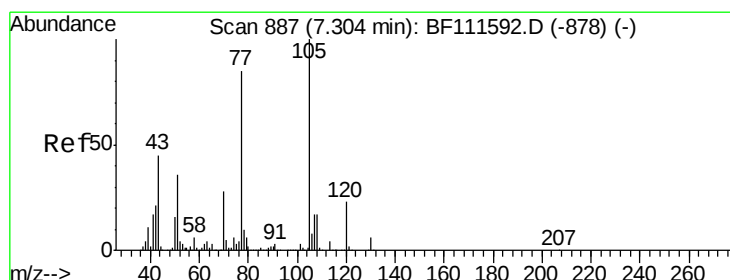
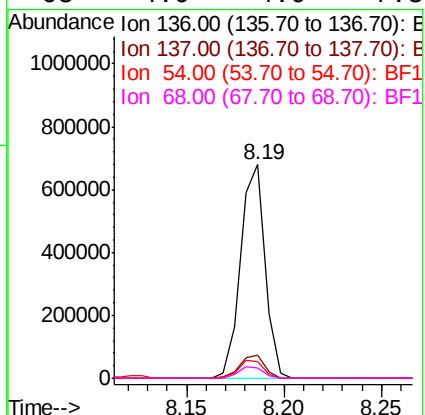
Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

Tgt Ion:	136	Resp:	589597
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	8.0	7.7	11.5
68	4.9	4.9	7.3#



#22

Acetophenone

Concen: 27.373 ng

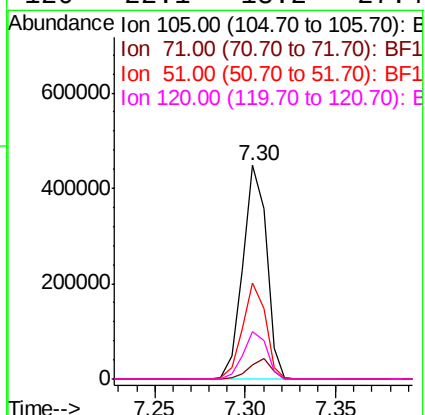
RT: 7.30 min Scan# 887

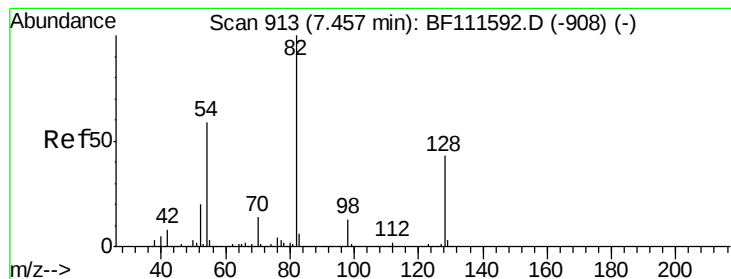
Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:	105	Resp:	408861
Ion Ratio	Lower	Upper	
105	100		
71	6.5	3.1	4.7#
51	44.9	36.6	54.8
120	22.1	18.2	27.4





#23

Nitrobenzene-d5

Concen: 61.734 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

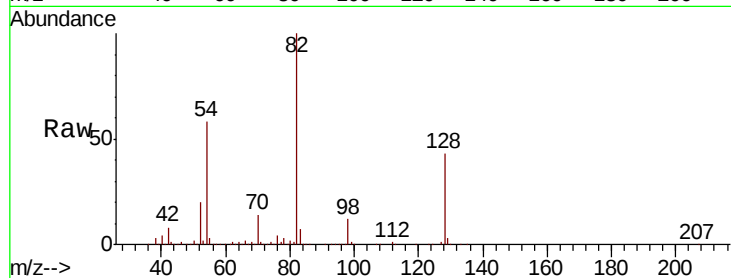
Tgt Ion: 82 Resp: 625318

Ion Ratio Lower Upper

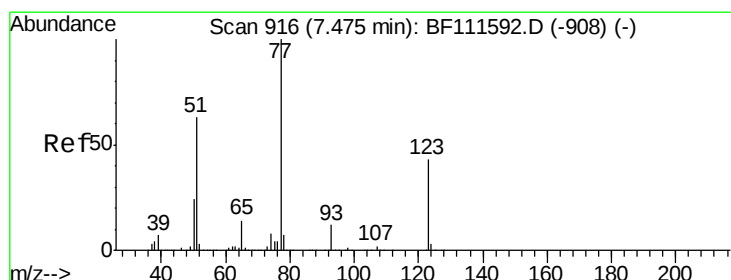
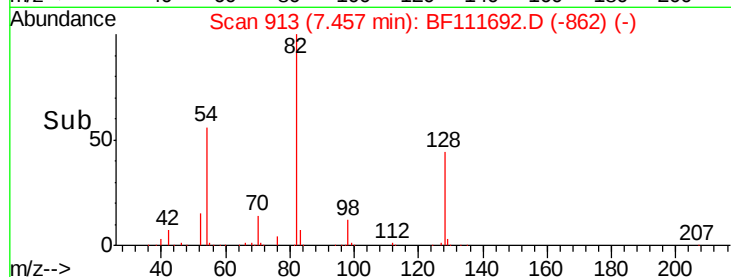
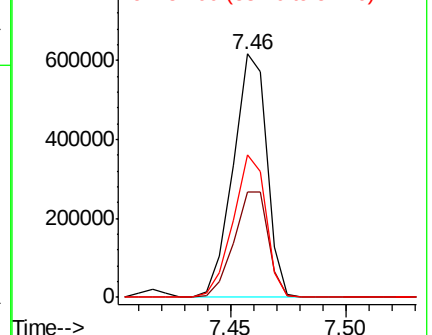
82 100

128 43.4 37.4 56.2

54 58.5 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: 29.790 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

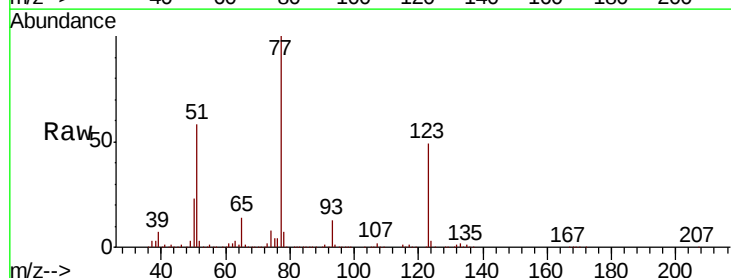
Tgt Ion: 77 Resp: 316254

Ion Ratio Lower Upper

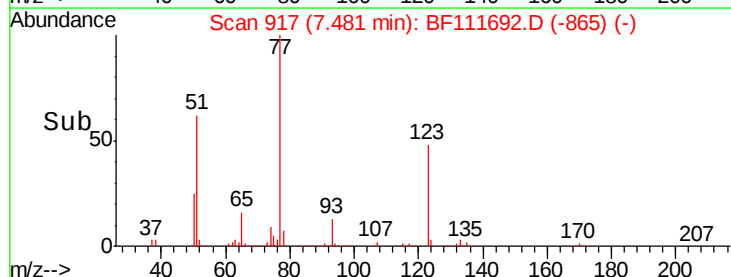
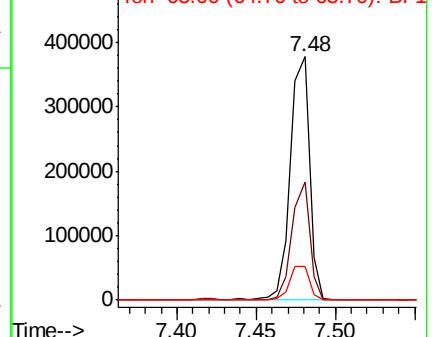
77 100

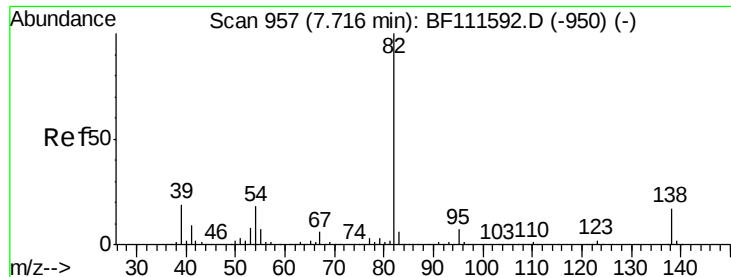
123 48.7 37.2 55.8

65 13.9 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: 30.548 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

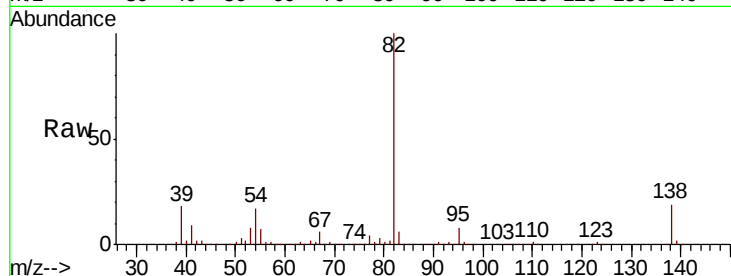
Tgt Ion: 82 Resp: 549326

Ion Ratio Lower Upper

82 100

95 7.8 5.4 8.2

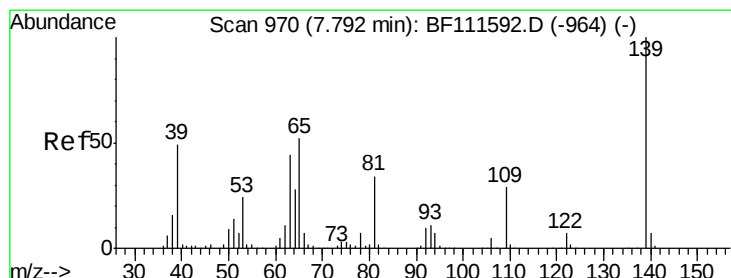
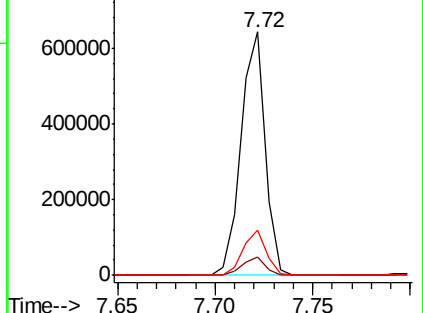
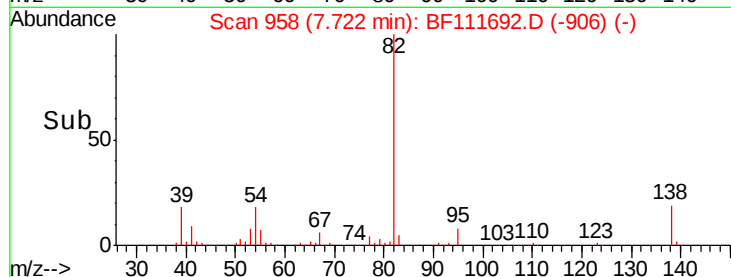
138 18.8 15.1 22.7



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: 34.419 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

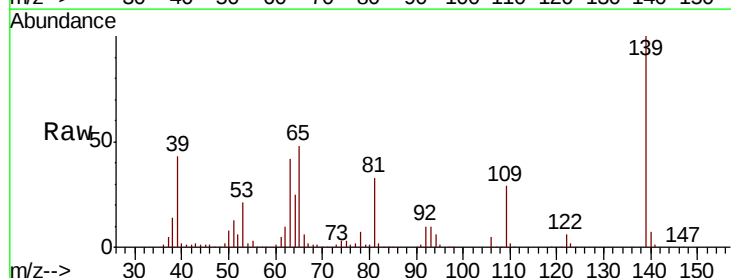
Tgt Ion: 139 Resp: 148196

Ion Ratio Lower Upper

139 100

109 28.7 20.2 30.4

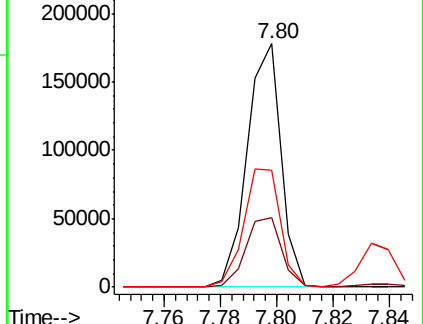
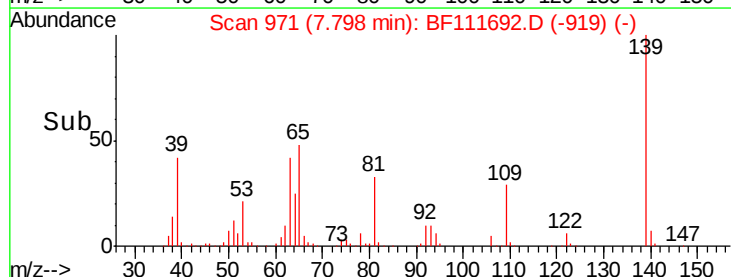
65 48.1 40.7 61.1

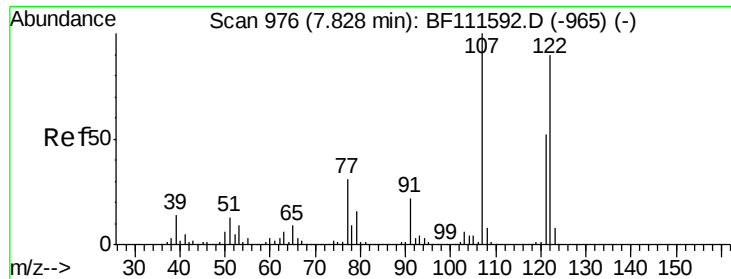


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

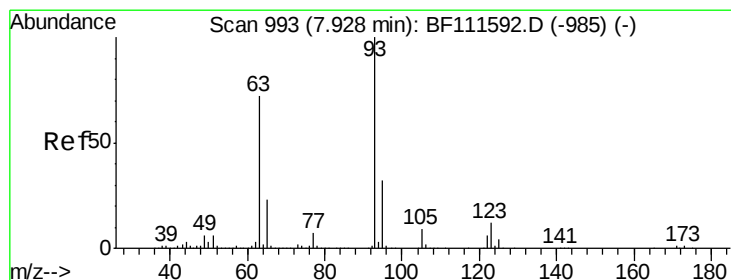
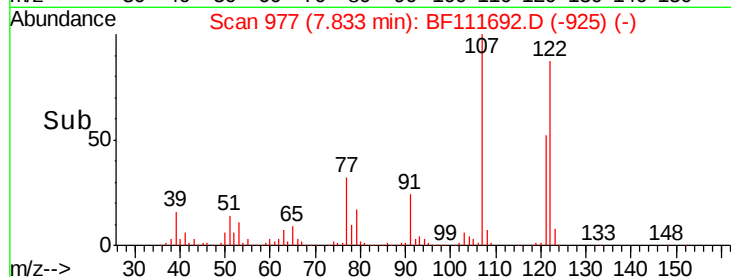
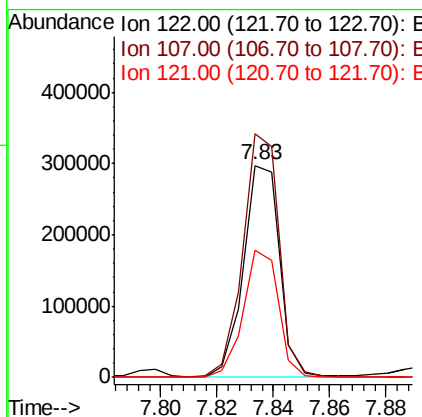
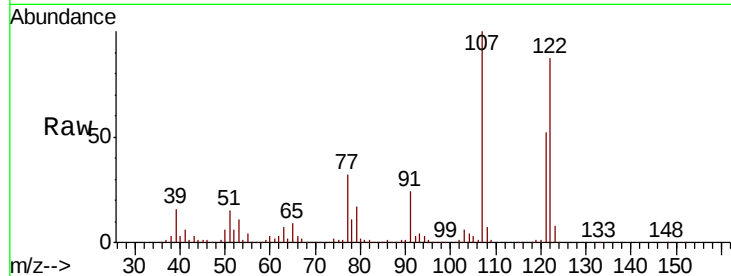




#27
 2,4-Dimethylphenol
 Concen: 31.308 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

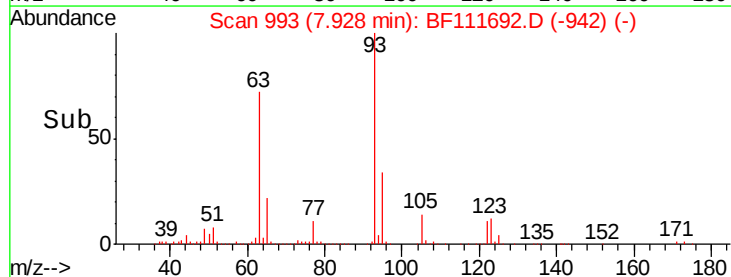
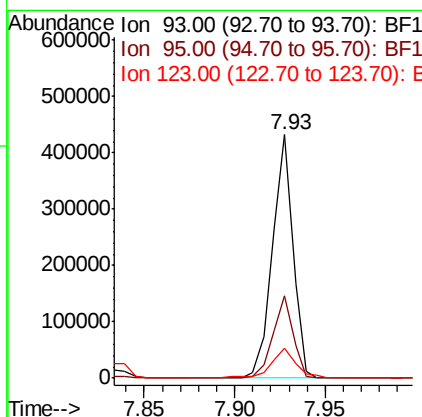
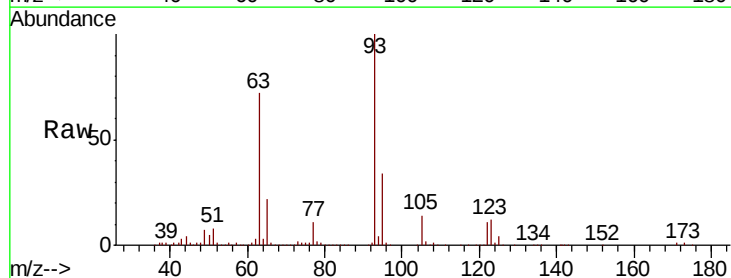
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

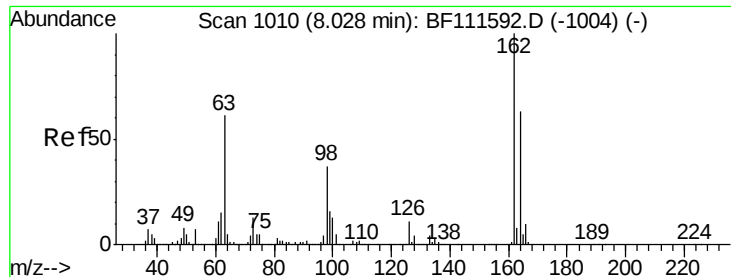
Tgt Ion:122 Resp: 265733
 Ion Ratio Lower Upper
 122 100
 107 114.7 85.5 128.3
 121 59.8 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.444 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion: 93 Resp: 340362
 Ion Ratio Lower Upper
 93 100
 95 33.8 27.1 40.7
 123 12.3 9.9 14.9

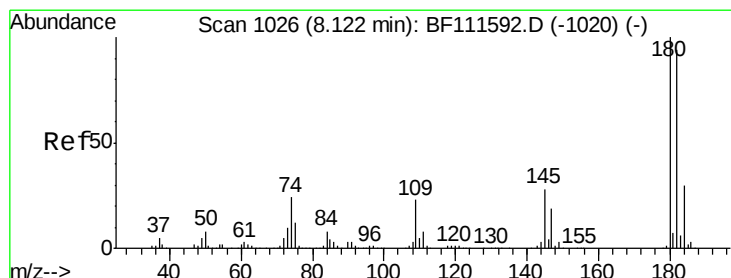
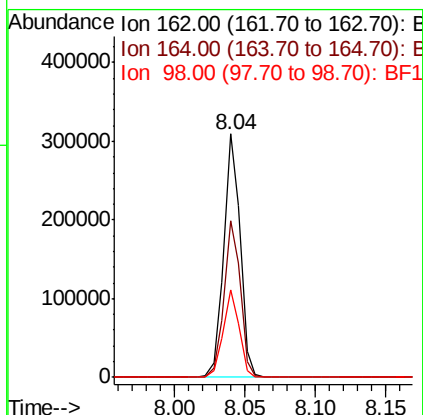
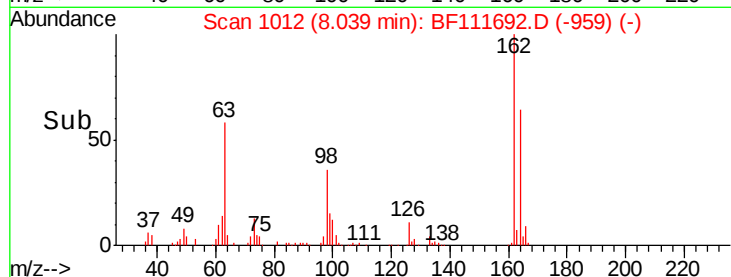
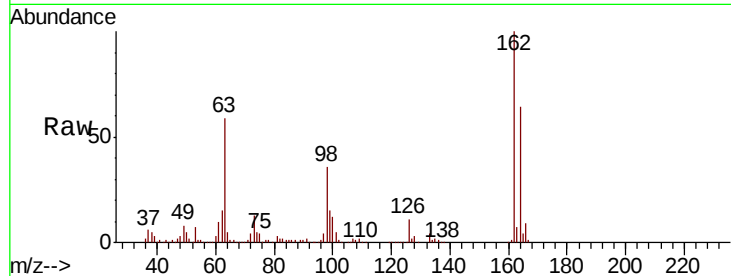




#29
2,4-Dichlorophenol
Concen: 27.416 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

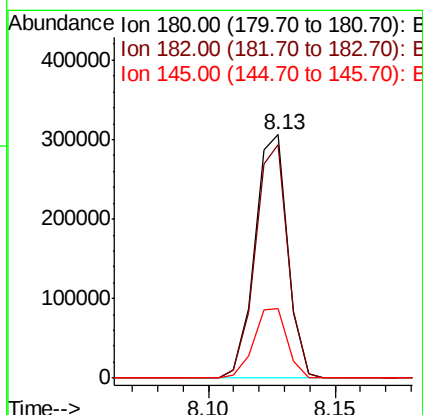
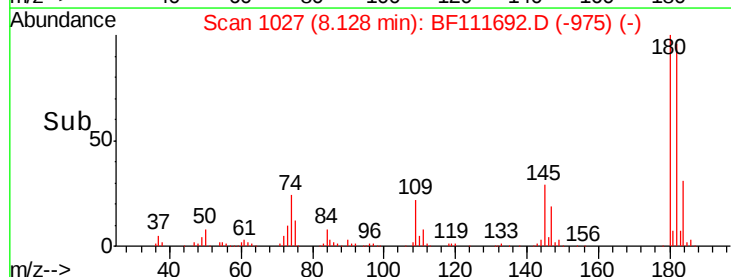
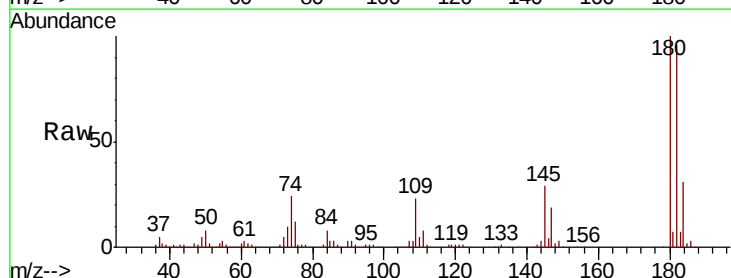
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

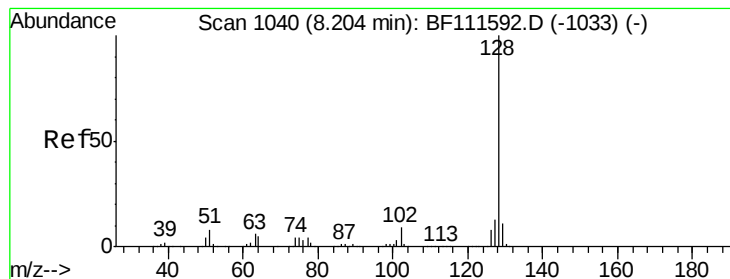
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.4	84.4
98	36.0	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 27.027 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.6	113.4
145	28.7	26.7	40.1





#31

Naphthalene

Concen: 29.792 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

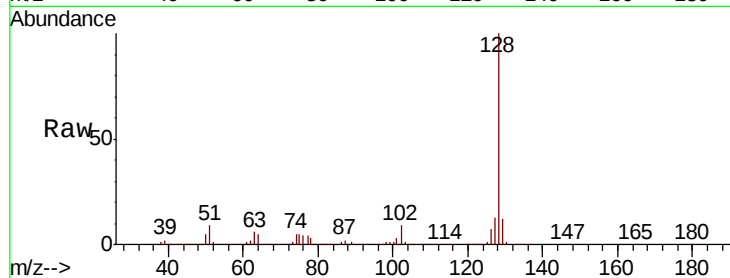
Tgt Ion:128 Resp: 843982

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.8

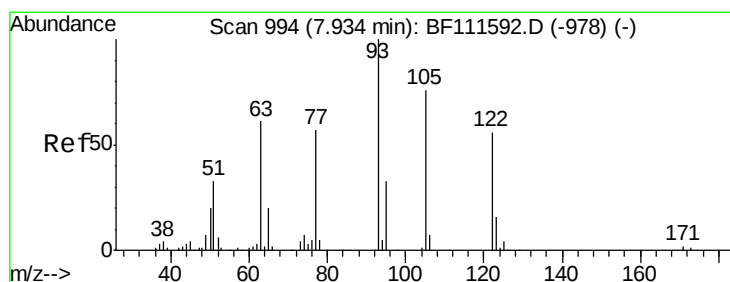
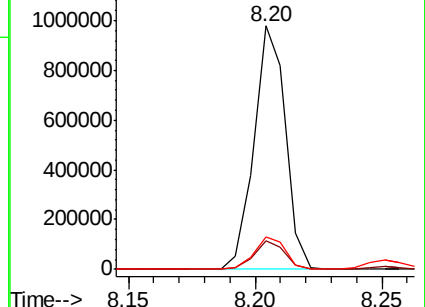
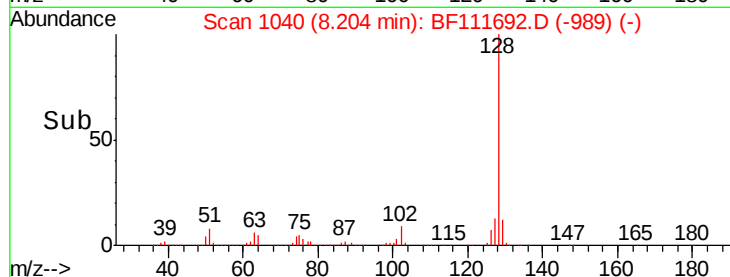
127 13.3 12.0 18.0



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: 29.525 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

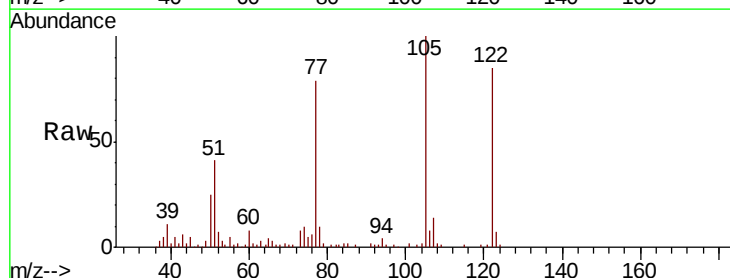
Tgt Ion:122 Resp: 165692

Ion Ratio Lower Upper

122 100

105 118.3 97.0 137.0

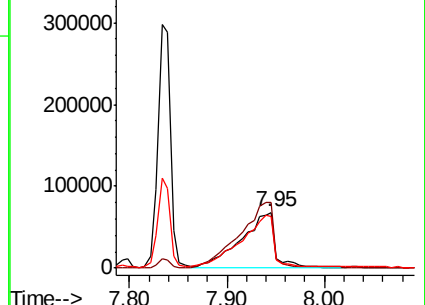
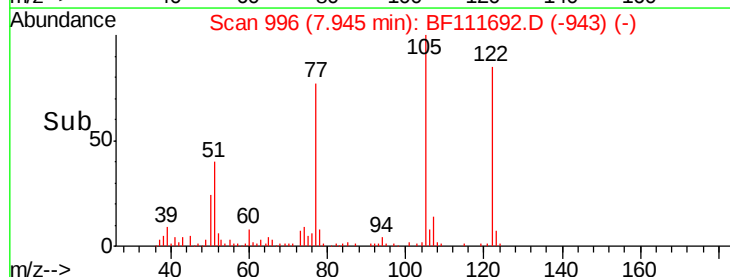
77 92.9 65.7 105.7

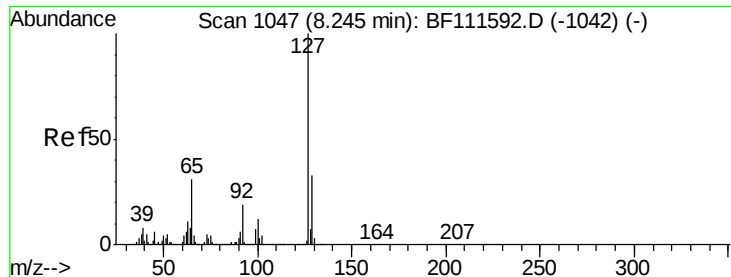


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

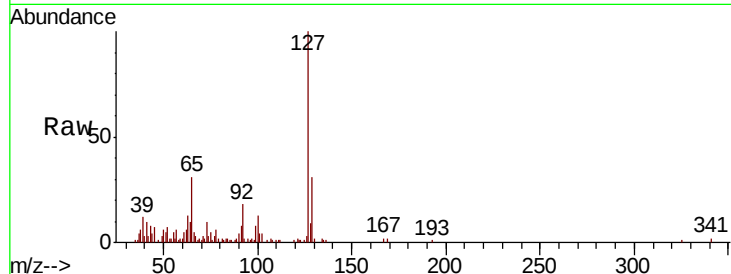




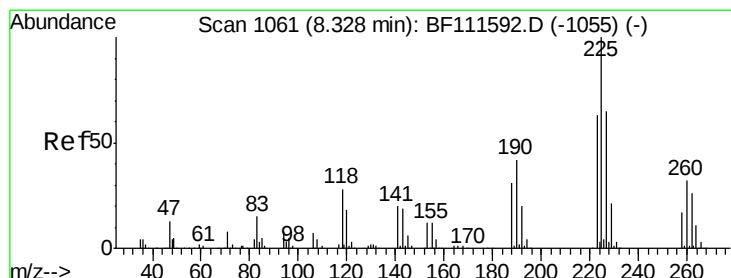
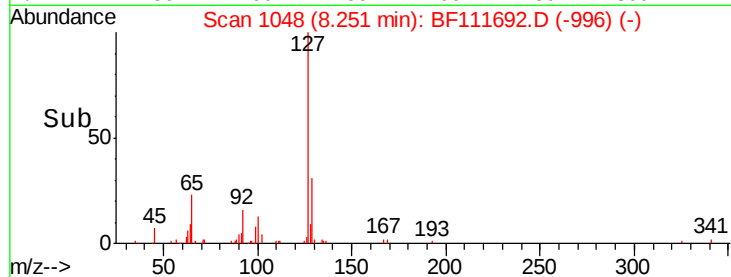
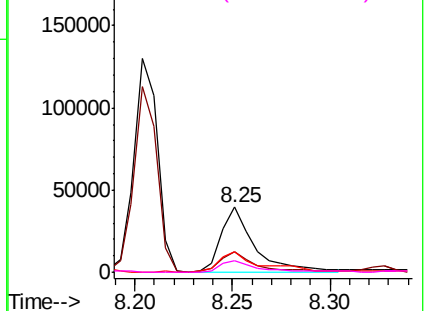
#33
4-Chloroaniline
Concen: 3.859 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion:	127	Resp:	47249
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.6	39.8
65	31.5	25.7	38.5
92	17.7	15.4	23.2

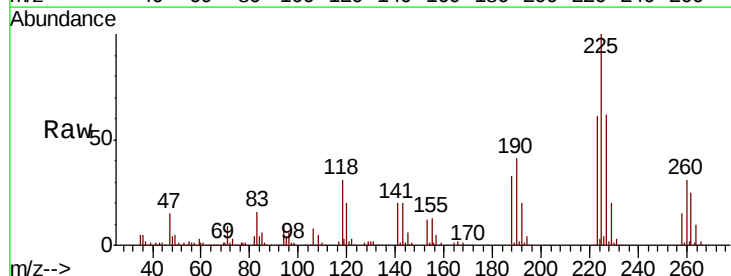


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

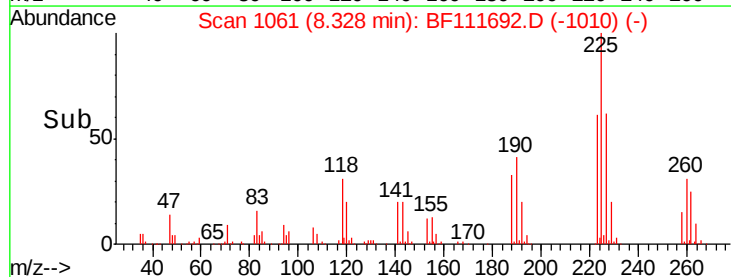
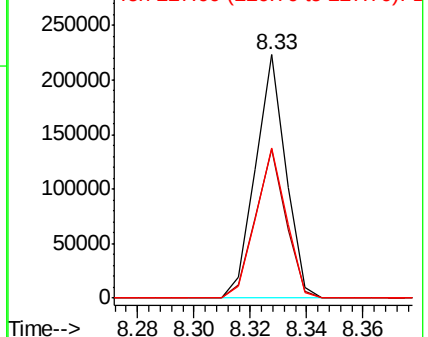


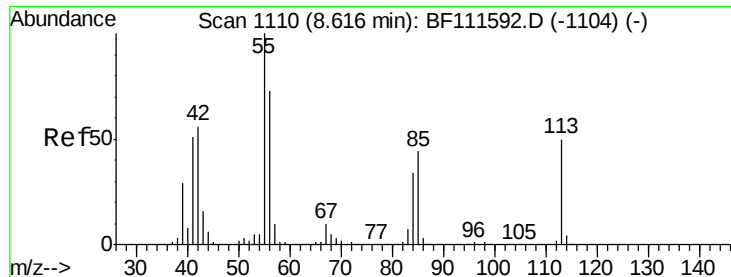
#34
Hexachlorobutadiene
Concen: 26.812 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion:	225	Resp:	166242
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.7	76.1
227	61.6	52.6	78.8



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

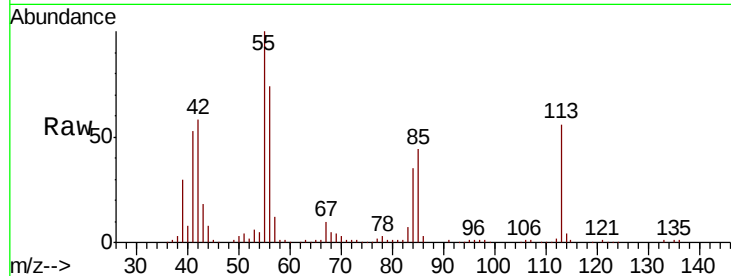




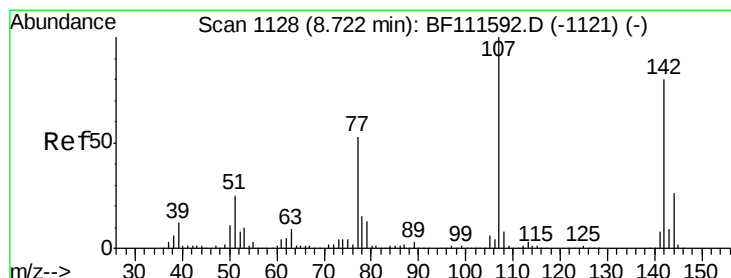
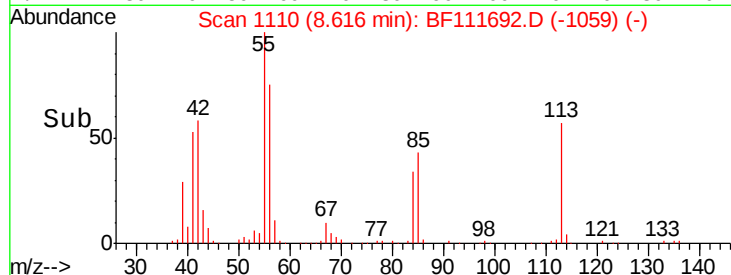
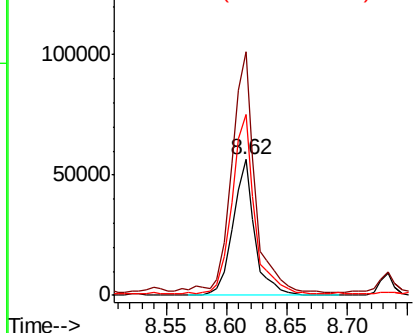
#35
 Caprolactam
 Concen: 22.861 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tgt Ion:113 Resp: 70720
 Ion Ratio Lower Upper
 113 100
 55 179.2 184.1 224.1#
 56 133.3 126.0 166.0

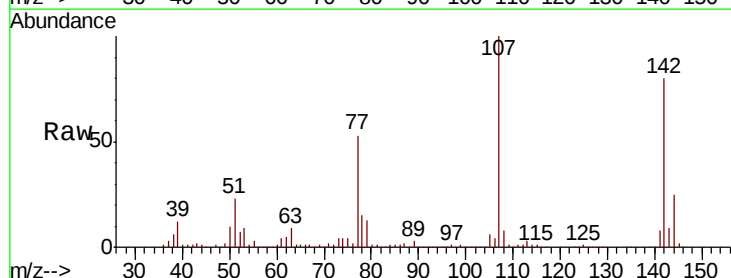


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

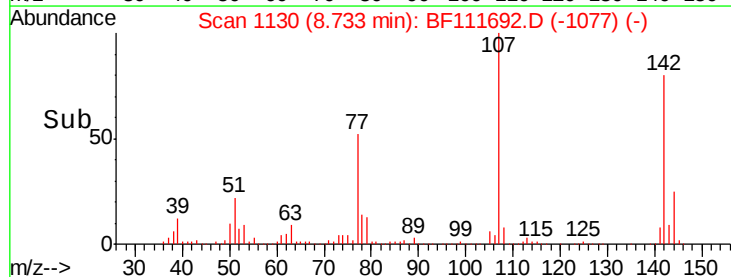
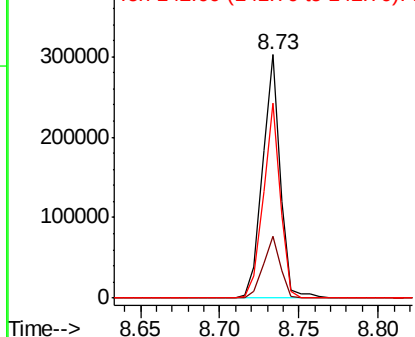


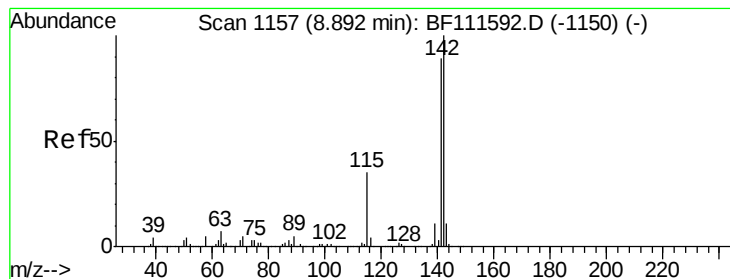
#36
 4-Chloro-3-methylphenol
 Concen: 26.561 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion:107 Resp: 238359
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.8 29.6
 142 79.9 62.3 93.5



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





#37

2-Methylnaphthalene

Concen: 30.030 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

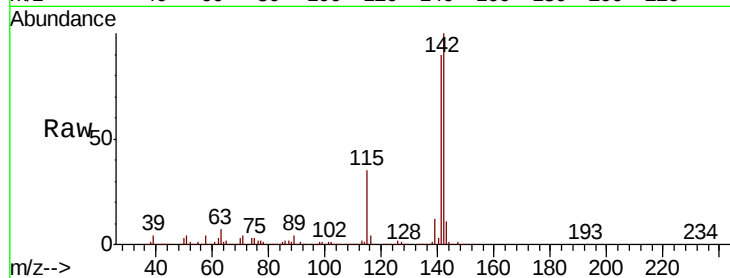
Tgt Ion:142 Resp: 553495

Ion Ratio Lower Upper

142 100

141 89.6 70.6 105.8

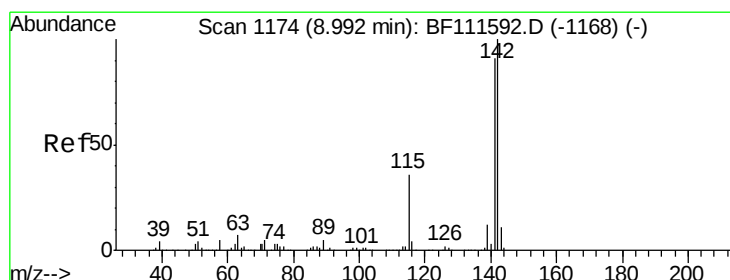
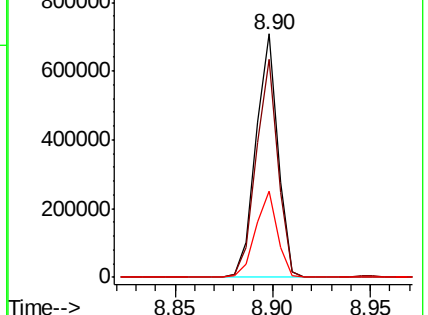
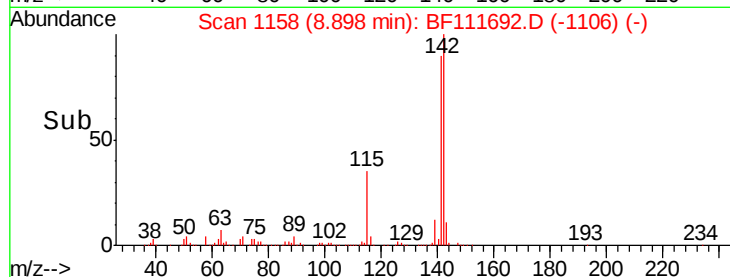
115 35.2 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 29.118 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

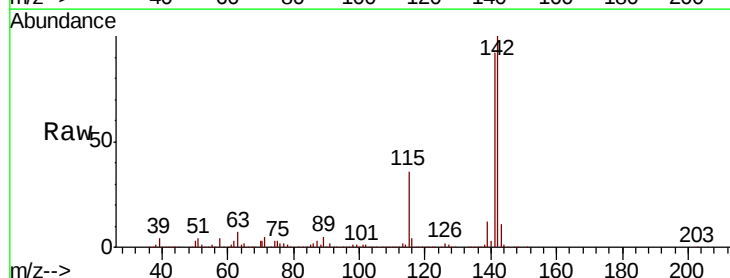
Tgt Ion:142 Resp: 515437

Ion Ratio Lower Upper

142 100

141 91.9 74.2 111.4

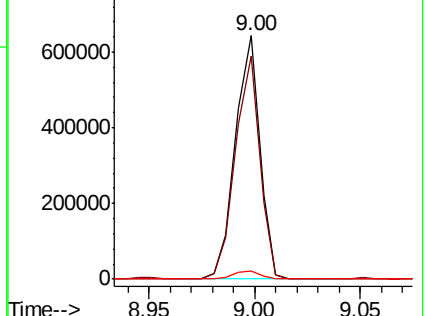
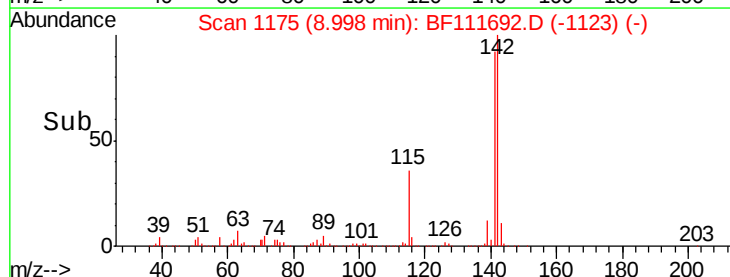
116 3.6 2.9 4.3

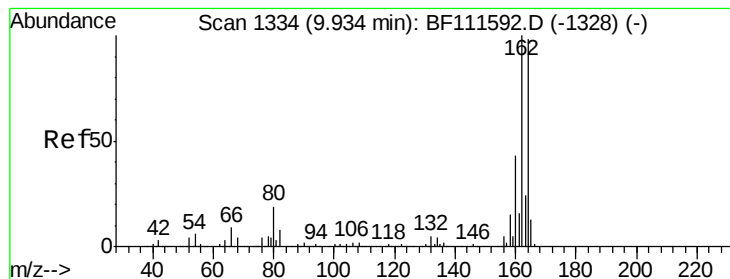


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

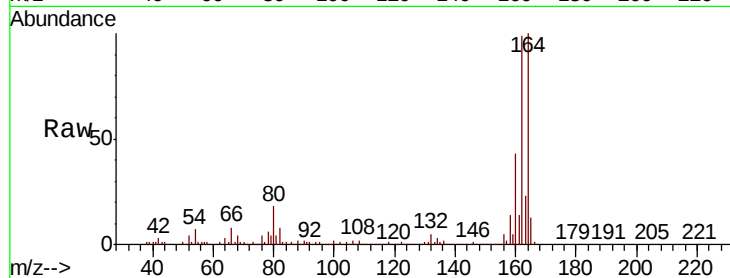
Tgt Ion:164 Resp: 260960

Ion Ratio Lower Upper

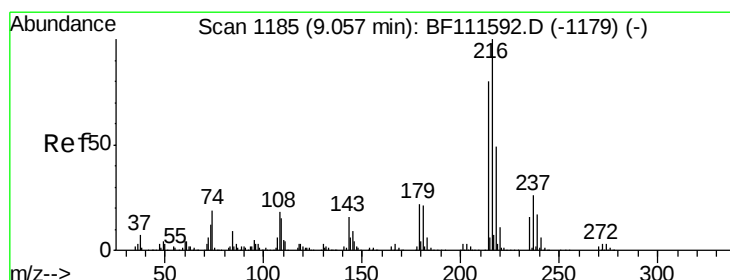
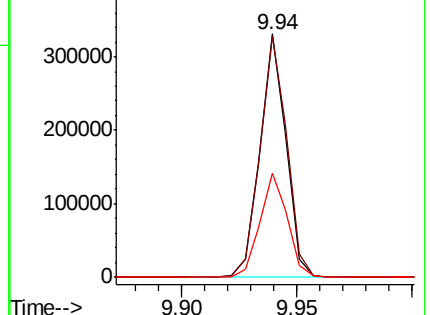
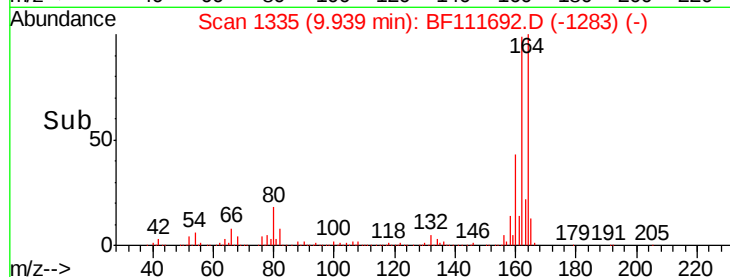
164 100

162 98.9 81.4 122.0

160 43.0 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: 31.044 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:216 Resp: 266205

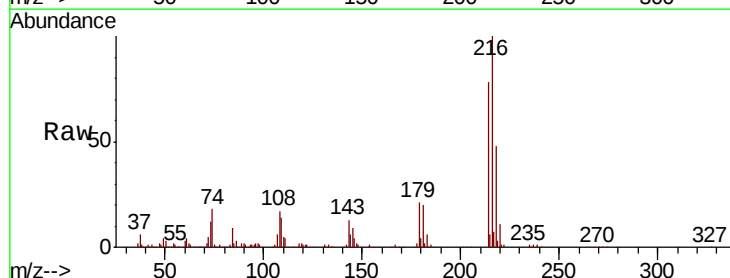
Ion Ratio Lower Upper

216 100

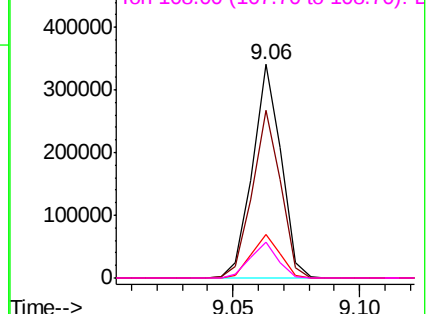
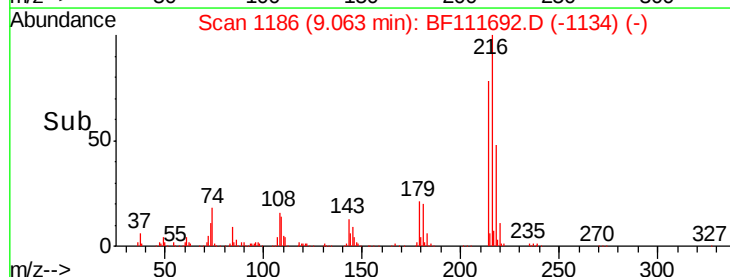
214 77.9 63.8 95.8

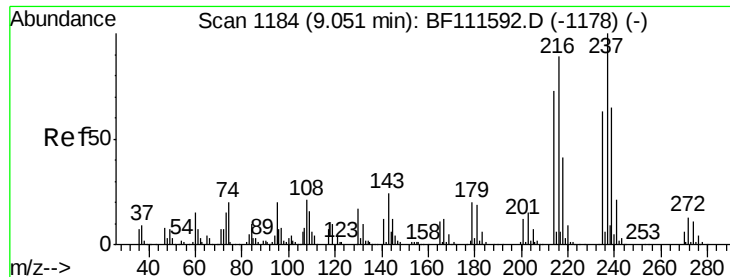
179 20.6 17.9 26.9

108 16.5 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: 5.516 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

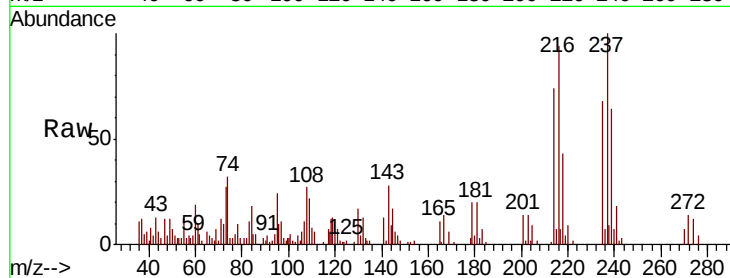
Tgt Ion: 237 Resp: 22952

Ion Ratio Lower Upper

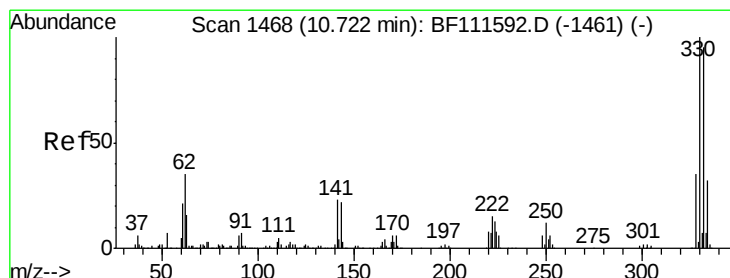
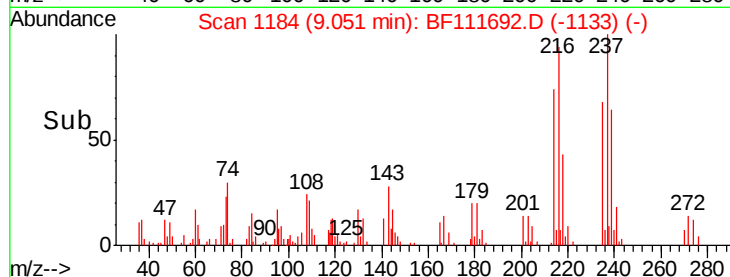
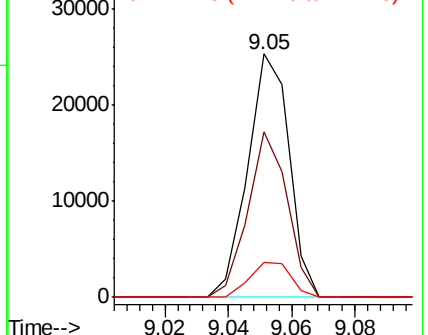
237 100

235 68.2 43.1 83.1

272 14.5 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: 81.045 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

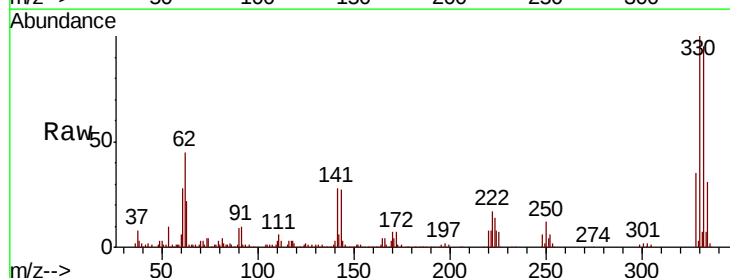
Tgt Ion: 330 Resp: 249897

Ion Ratio Lower Upper

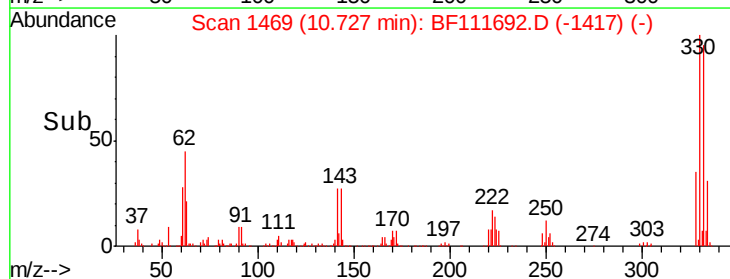
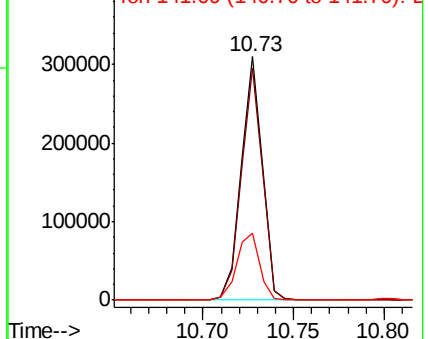
330 100

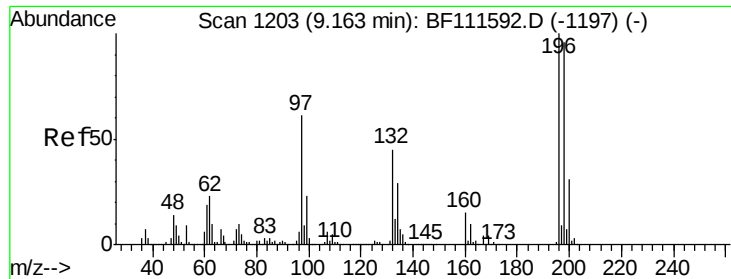
332 95.1 76.0 114.0

141 30.6 31.0 46.6#



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

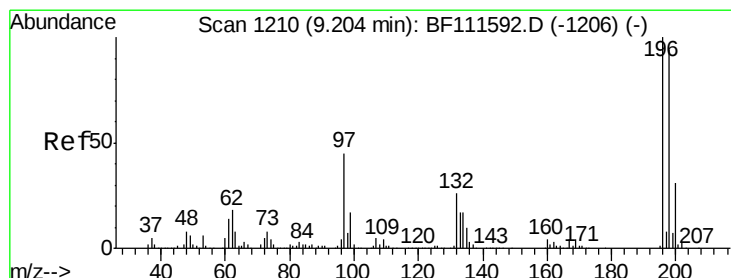
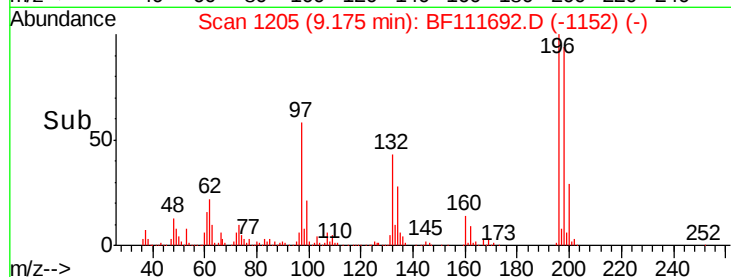
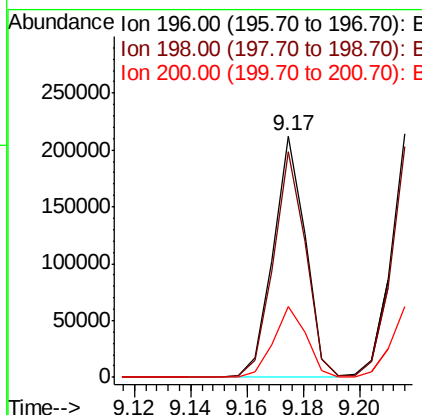
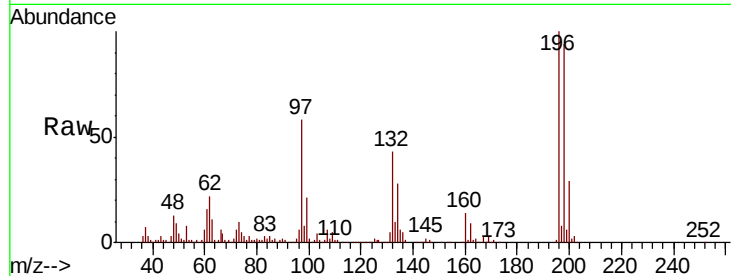




#43
 2,4,6-Trichlorophenol
 Concen: 29.441 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

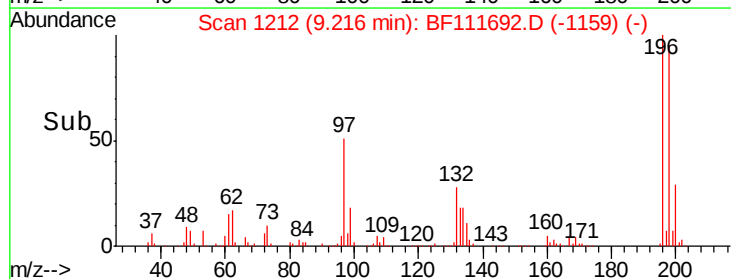
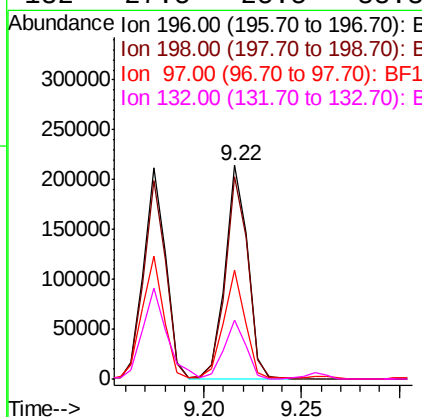
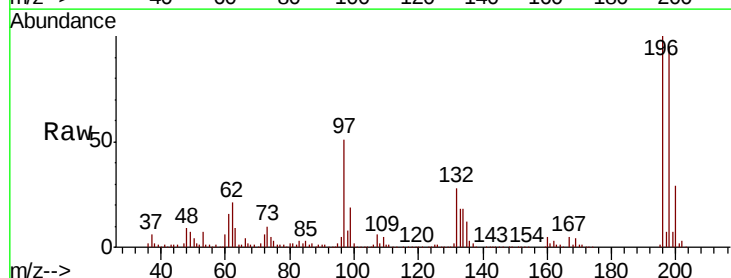
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

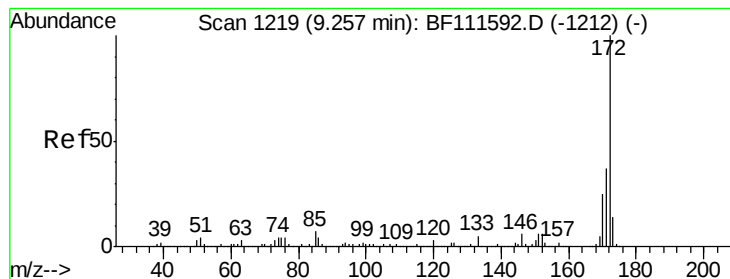
Tgt Ion:196 Resp: 168553
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.3 114.5
 200 29.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 29.271 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion:196 Resp: 171924
 Ion Ratio Lower Upper
 196 100
 198 94.8 72.9 109.3
 97 51.2 45.3 67.9
 132 27.5 25.5 38.3





#45

2-Fluorobiphenyl

Concen: 61.151 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

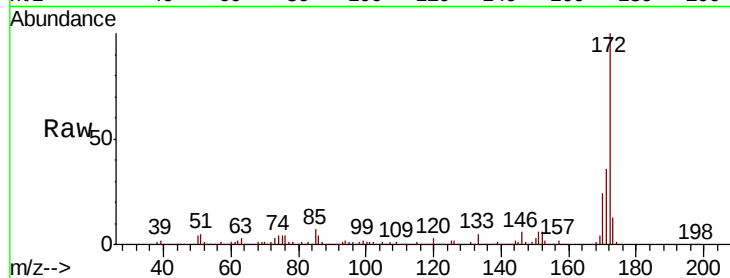
Tgt Ion:172 Resp: 1094837

Ion Ratio Lower Upper

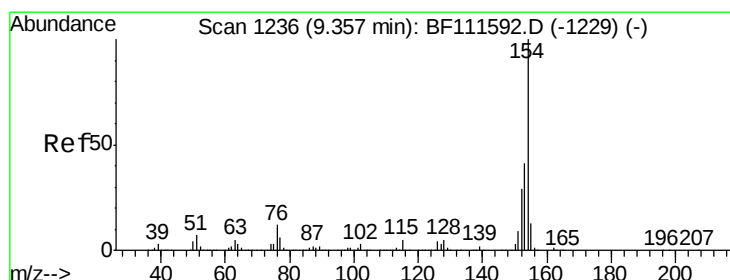
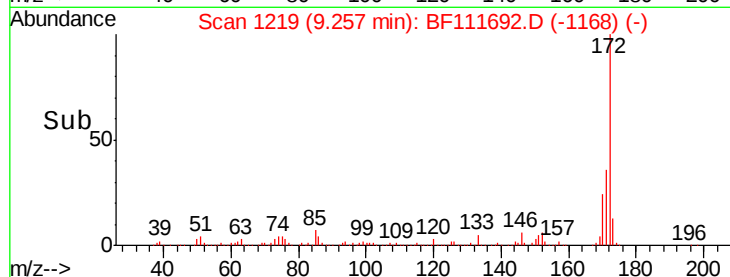
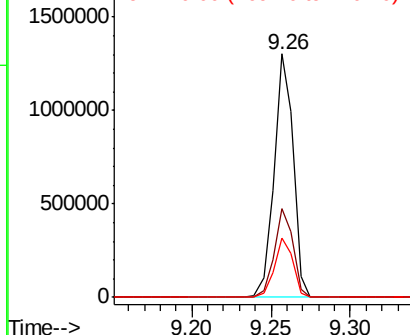
172 100

171 36.5 33.0 49.4

170 24.4 22.3 33.5



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



#46

1,1'-Biphenyl

Concen: 31.220 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

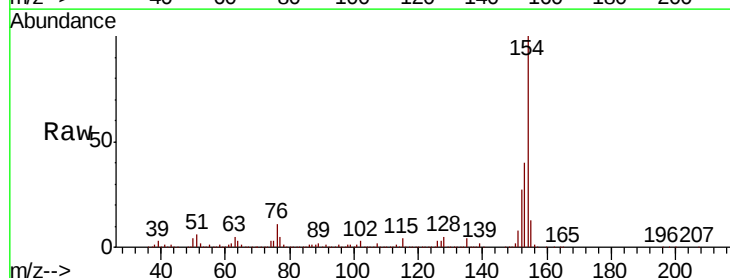
Tgt Ion:154 Resp: 687736

Ion Ratio Lower Upper

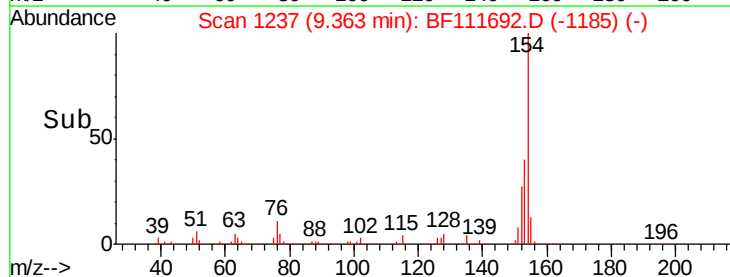
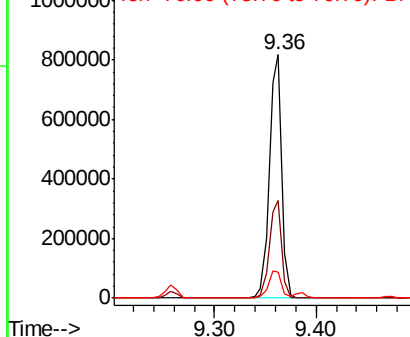
154 100

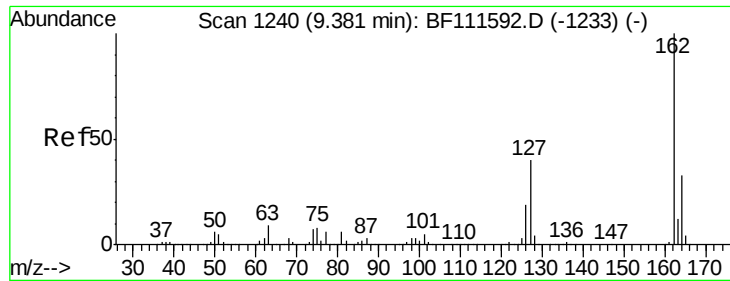
153 40.0 23.7 63.7

76 10.7 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

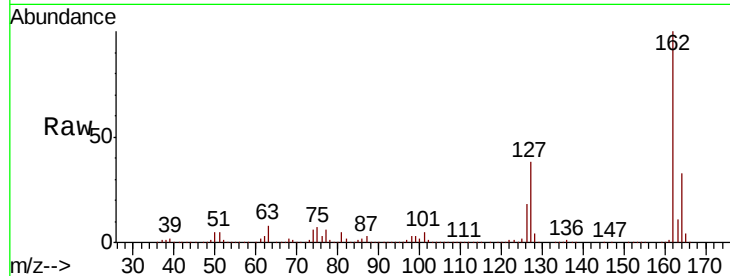




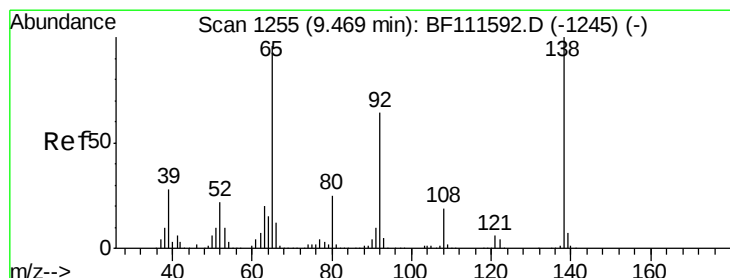
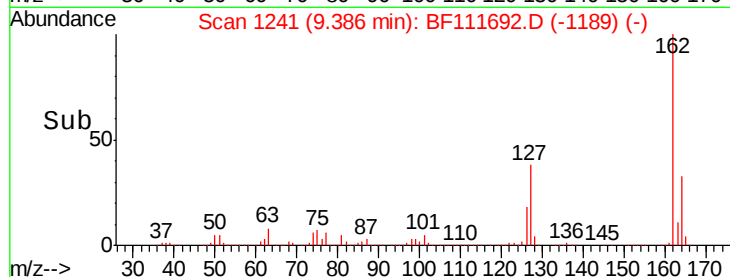
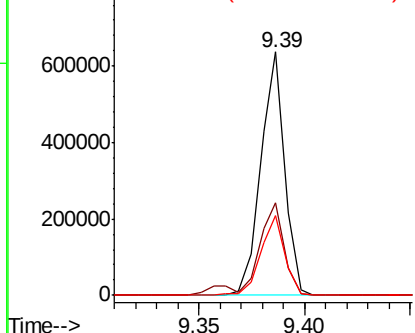
#47
 2-Chloronaphthalene
 Concen: 28.707 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tgt Ion: 162 Resp: 501041
 Ion Ratio Lower Upper
 162 100
 127 38.3 35.0 52.4
 164 32.6 28.4 42.6

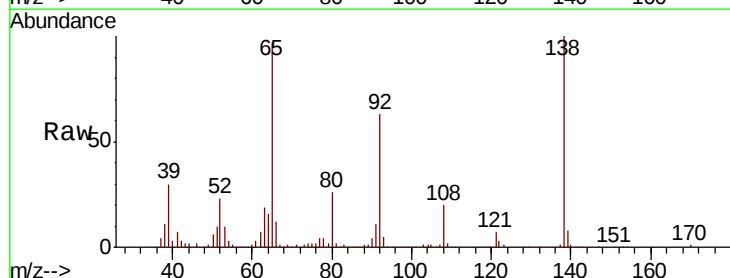


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

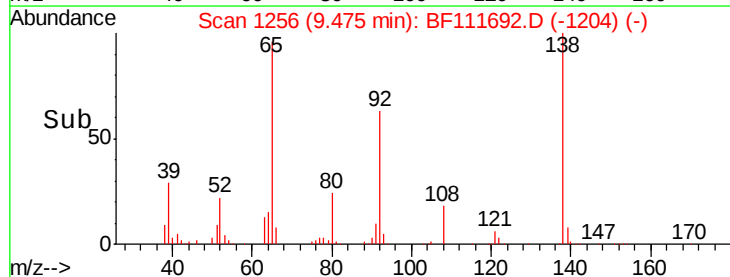
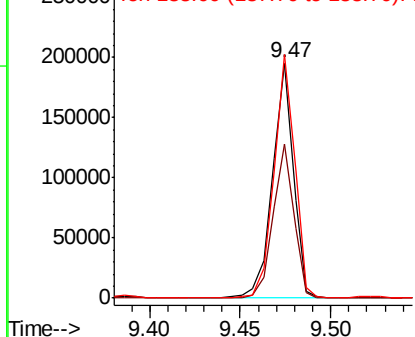


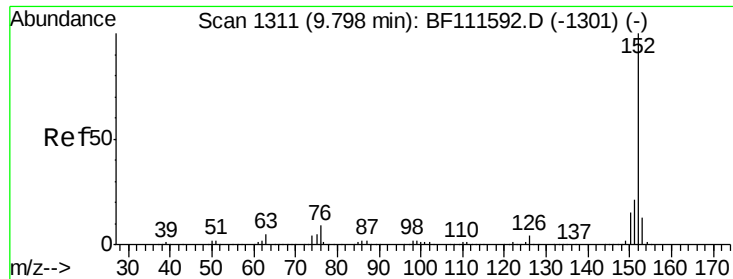
#48
 2-Nitroaniline
 Concen: 34.145 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion: 65 Resp: 155036
 Ion Ratio Lower Upper
 65 100
 92 65.5 53.5 80.3
 138 103.5 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: 29.510 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

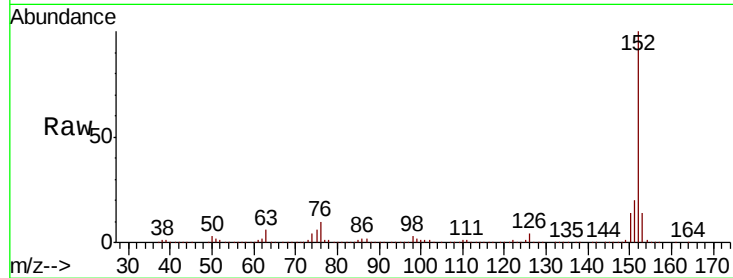
Tgt Ion:152 Resp: 752003

Ion Ratio Lower Upper

152 100

151 20.3 18.0 27.0

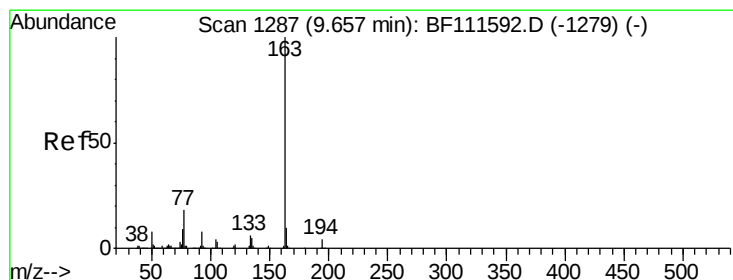
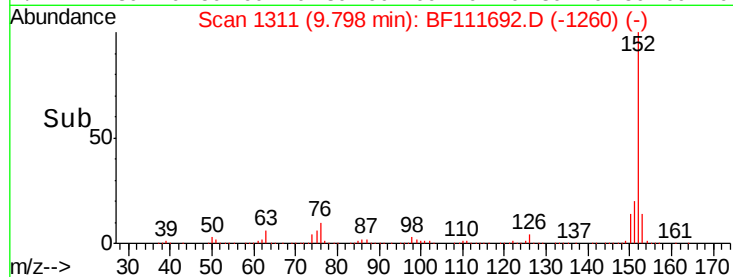
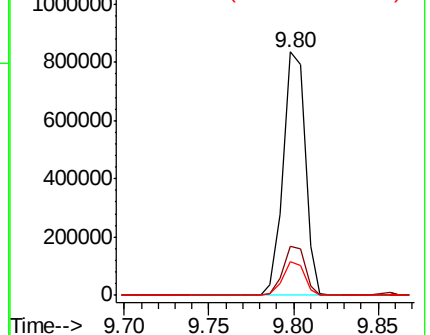
153 13.7 12.3 18.5



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: 34.168 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

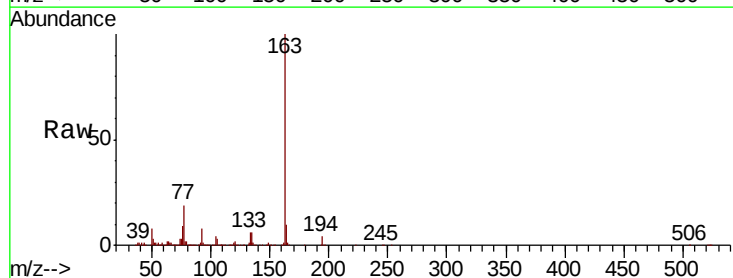
Tgt Ion:163 Resp: 652030

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

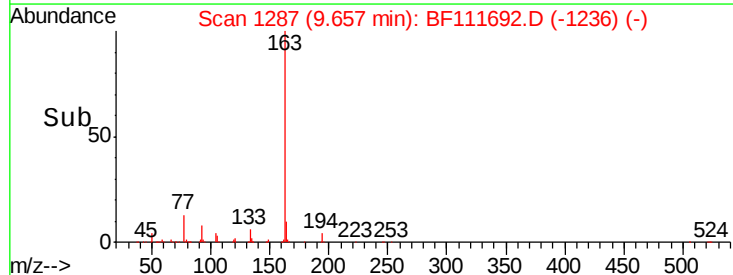
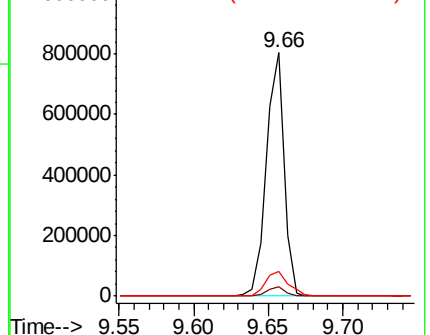
164 10.3 8.9 13.3

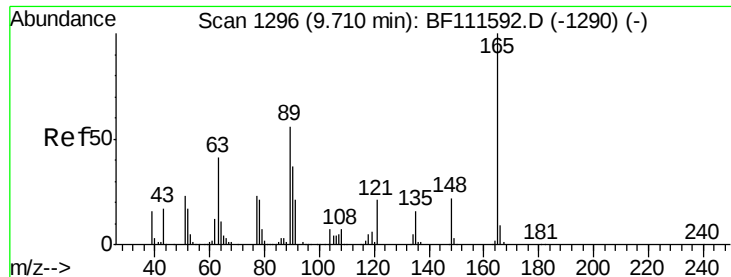


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 31.056 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

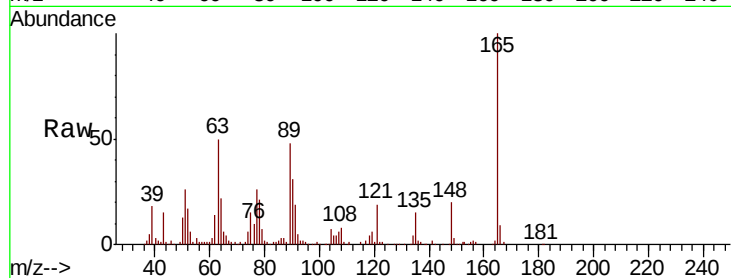
Tgt Ion:165 Resp: 118172

Ion Ratio Lower Upper

165 100

63 49.7 40.5 60.7

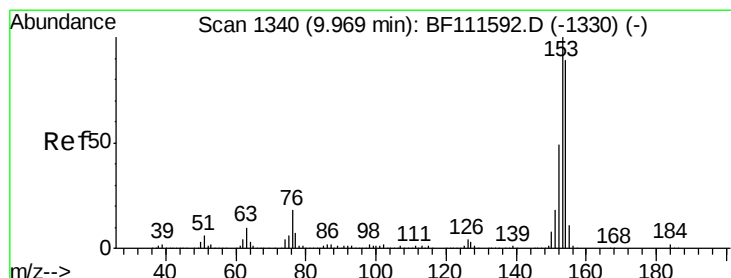
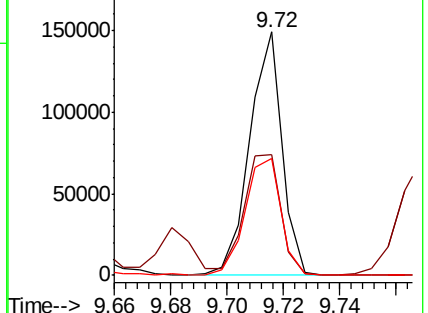
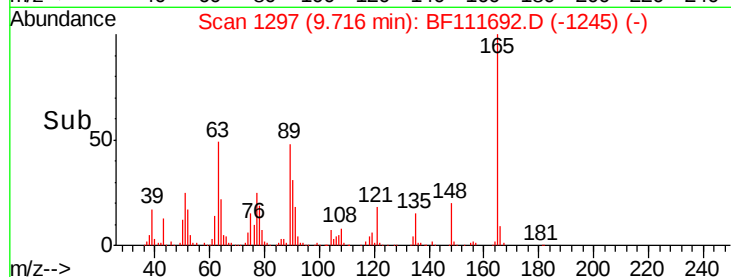
89 48.2 40.0 60.0



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: 28.577 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

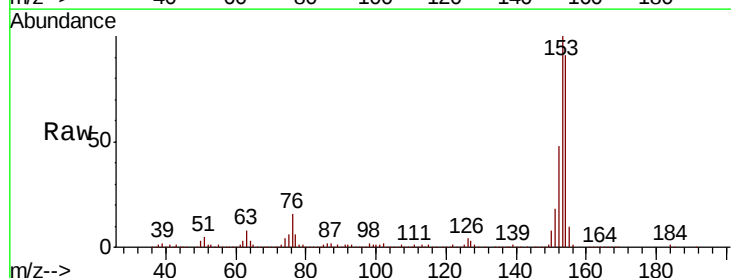
Tgt Ion:154 Resp: 449140

Ion Ratio Lower Upper

154 100

153 109.5 87.8 131.8

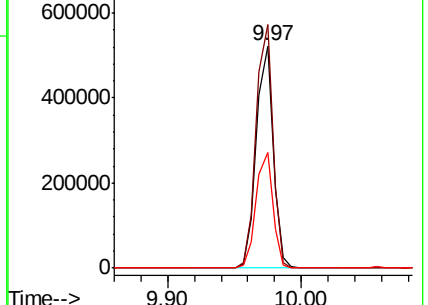
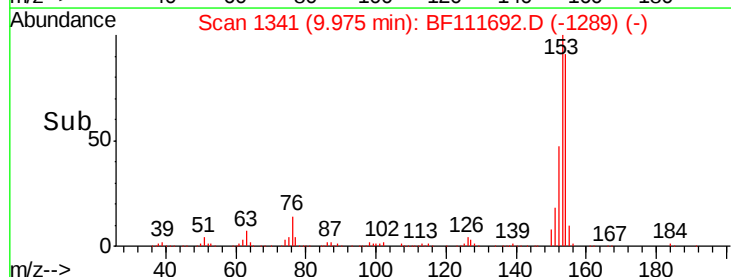
152 52.2 43.4 65.2

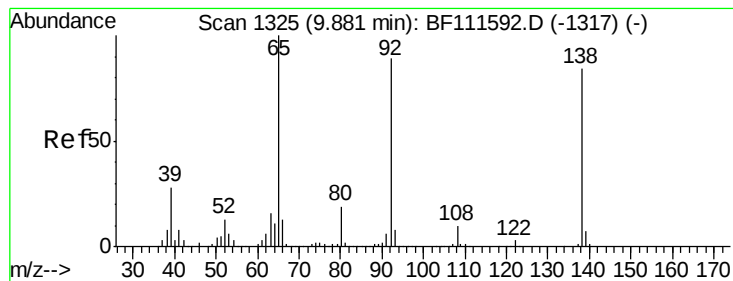


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.137 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

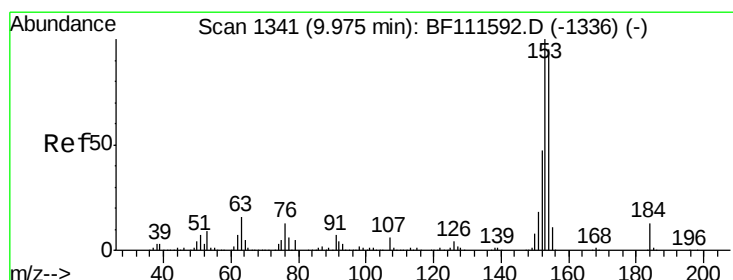
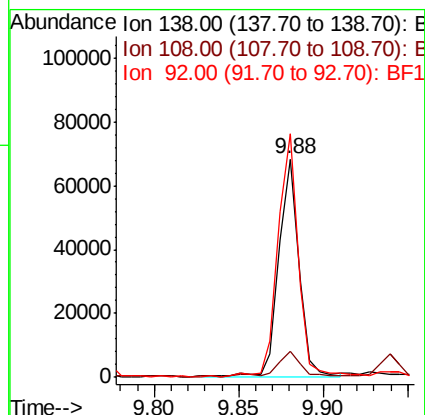
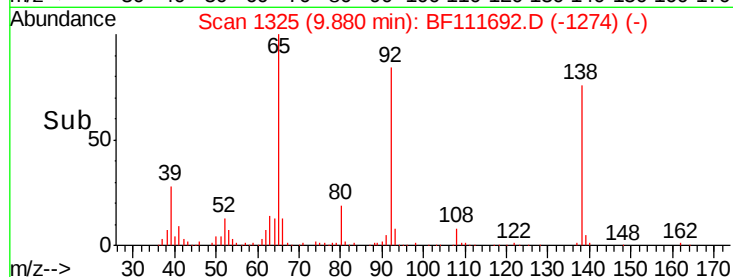
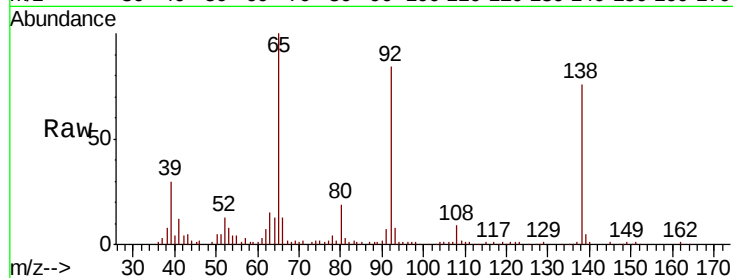
Tgt Ion:138 Resp: 57372

Ion Ratio Lower Upper

138 100

108 11.9 8.2 12.4

92 111.4 93.4 140.2



#54

2,4-Dinitrophenol

Concen: 23.734 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

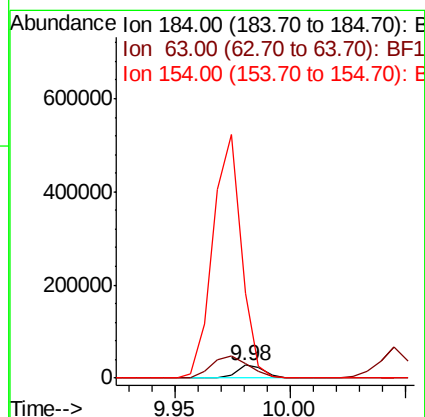
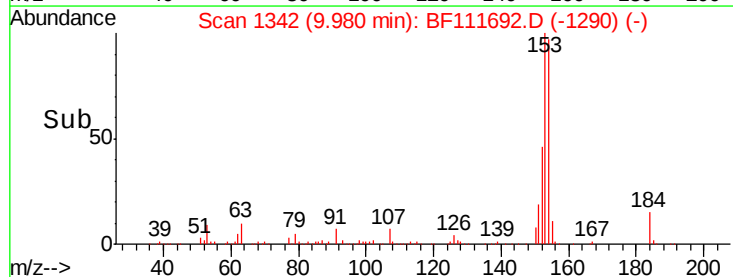
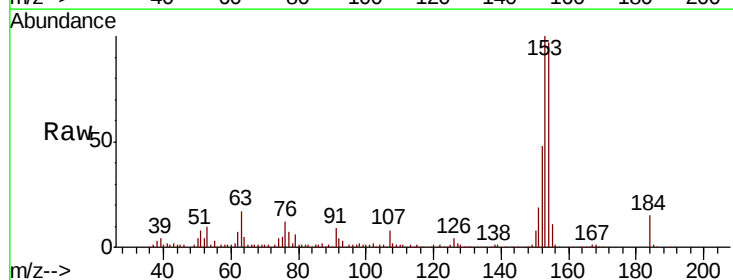
Tgt Ion:184 Resp: 22077

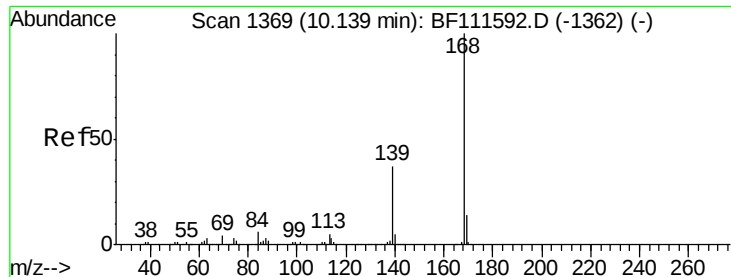
Ion Ratio Lower Upper

184 100

63 117.8 62.3 93.5#

154 670.6 56.2 84.2#





#55

Dibenzofuran

Concen: 28.004 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

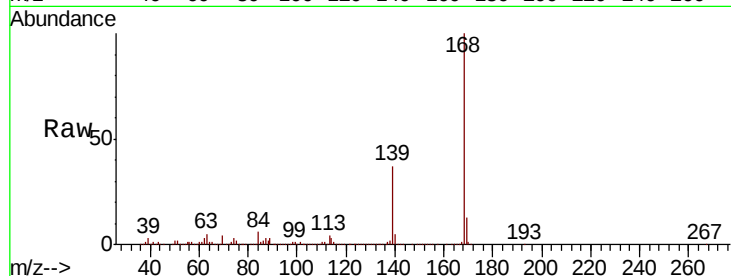
Tgt Ion:168 Resp: 664956

Ion Ratio Lower Upper

168 100

139 36.7 32.6 49.0

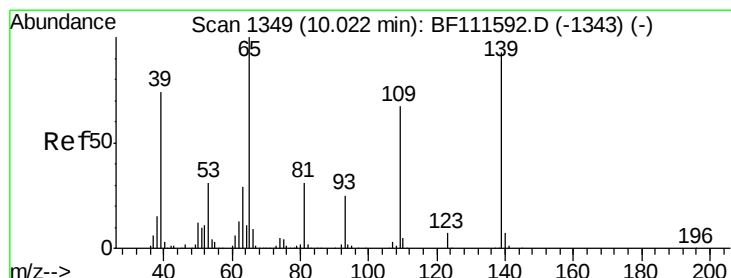
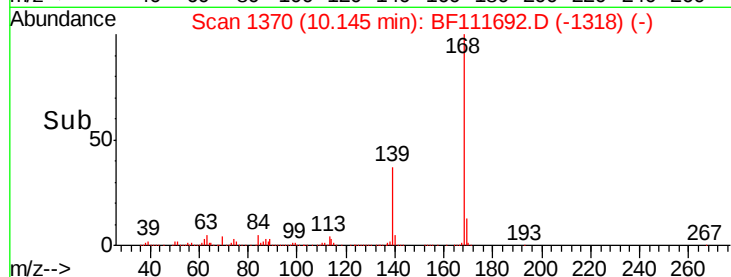
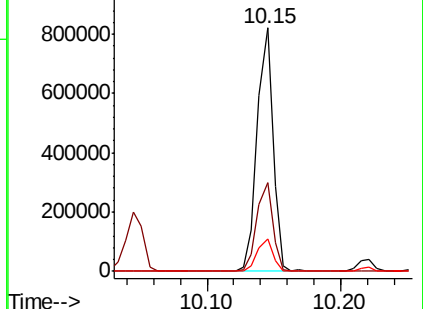
169 13.2 11.8 17.6



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: 59.098 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

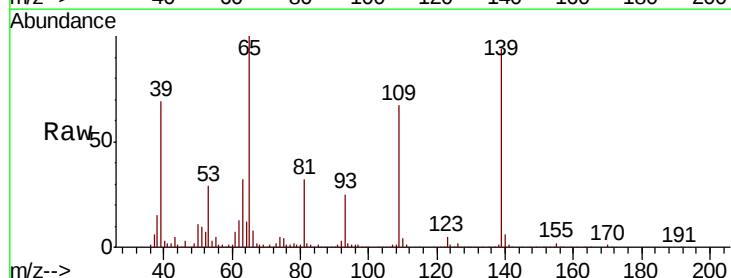
Tgt Ion:139 Resp: 183028

Ion Ratio Lower Upper

139 100

109 72.0 41.8 81.8

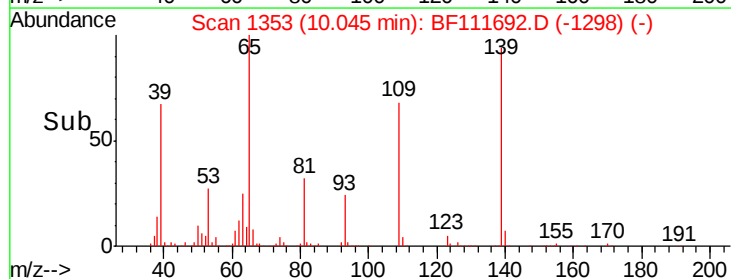
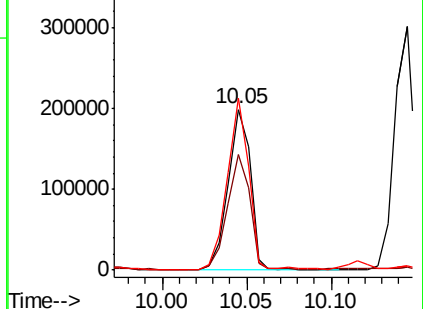
65 106.8 79.6 119.6

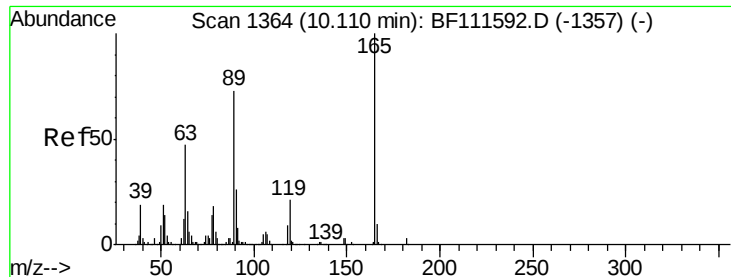


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

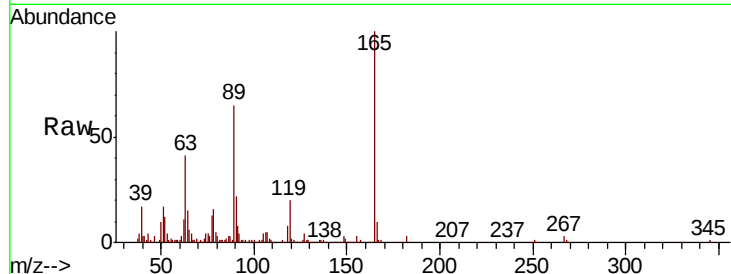




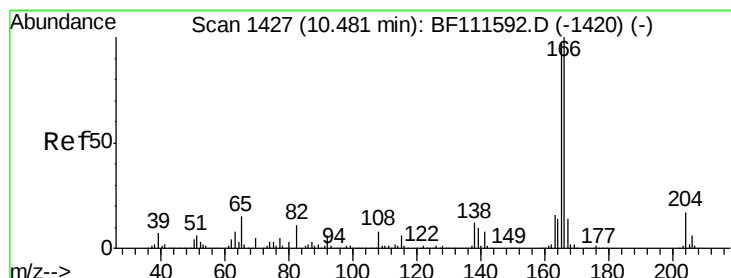
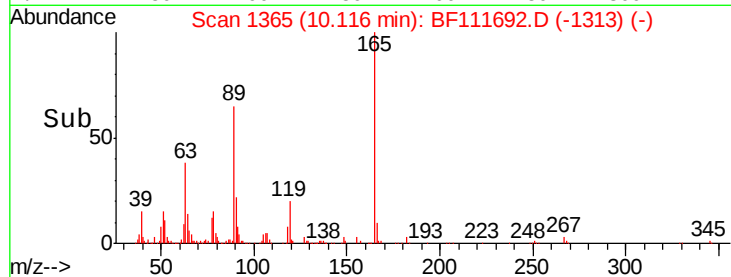
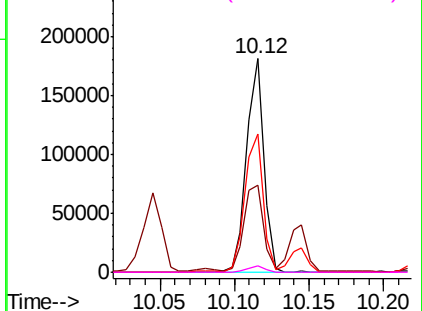
#57
2,4-Dinitrotoluene
Concen: 31.850 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion:165 Resp: 145659
Ion Ratio Lower Upper
165 100
63 41.0 34.6 52.0
89 64.9 56.2 84.4
182 3.2 1.8 2.6#

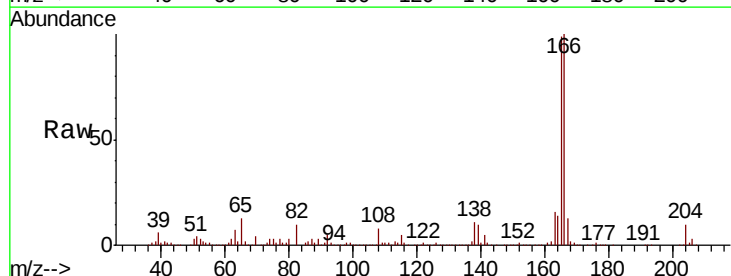


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

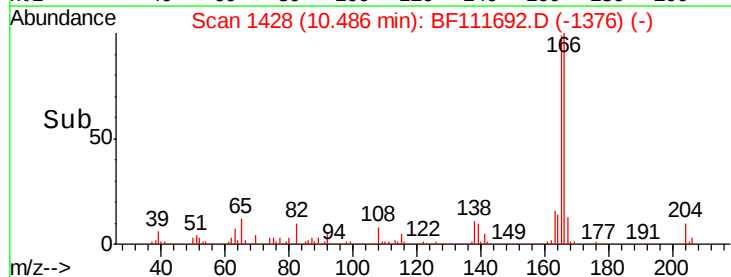
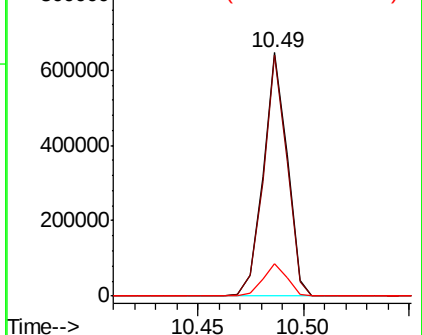


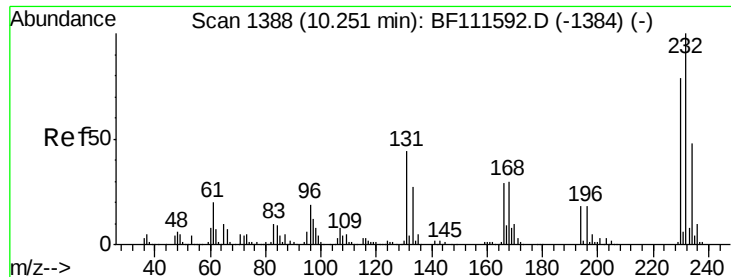
#58
Fluorene
Concen: 29.703 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion:166 Resp: 508229
Ion Ratio Lower Upper
166 100
165 99.2 78.4 117.6
167 13.3 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

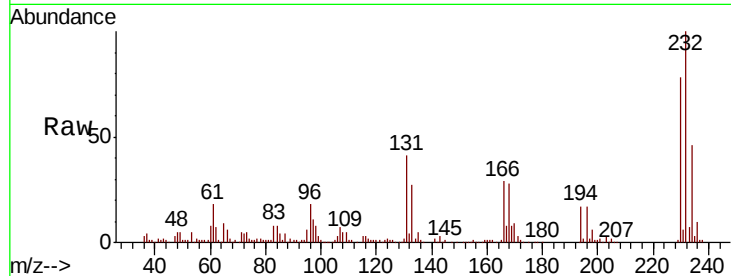




#59
2,3,4,6-Tetrachlorophenol
Concen: 29.439 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.0	40.9	61.3
130	2.4	2.0	3.0
166	29.5	26.8	40.2



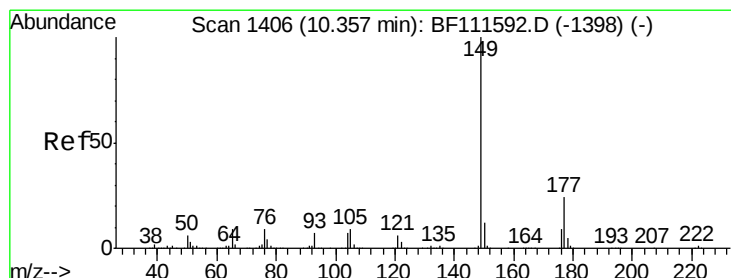
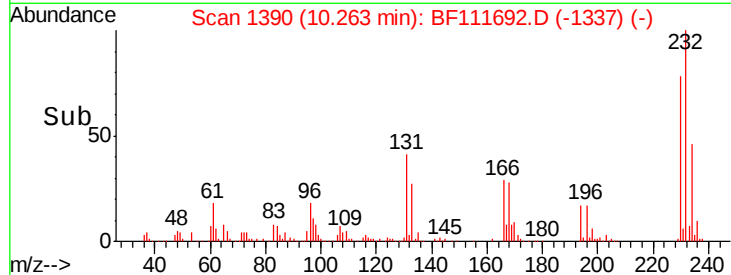
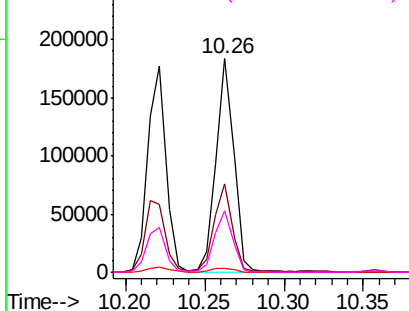
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

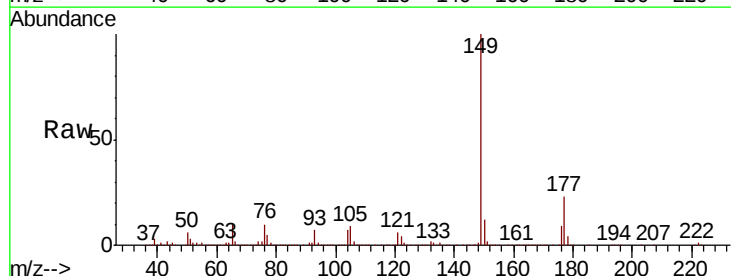
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 29.002 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	12.4	10.6	15.8

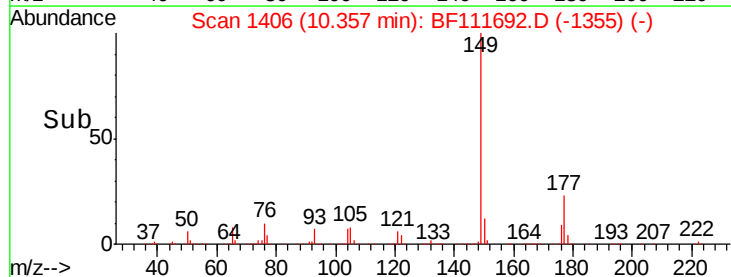
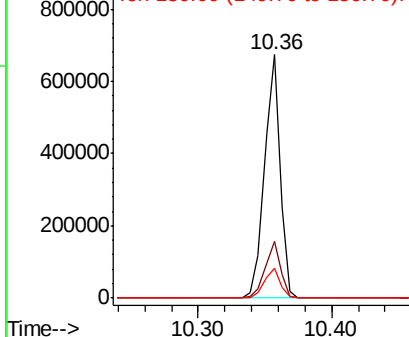


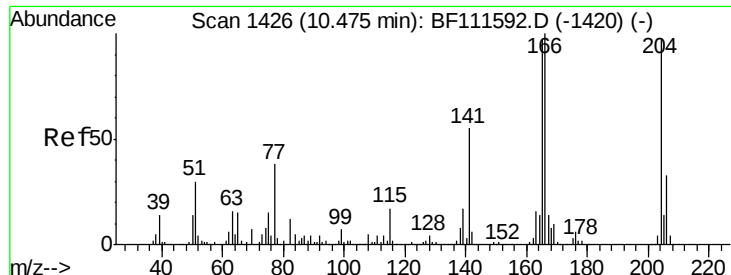
Abundance

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

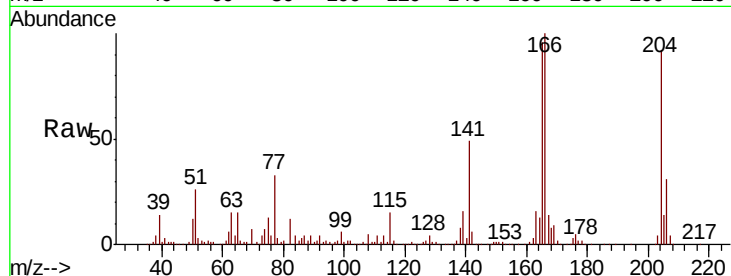




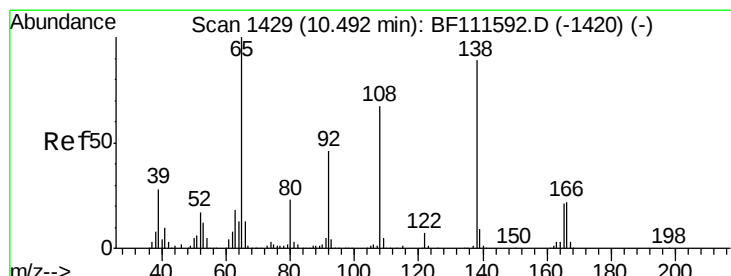
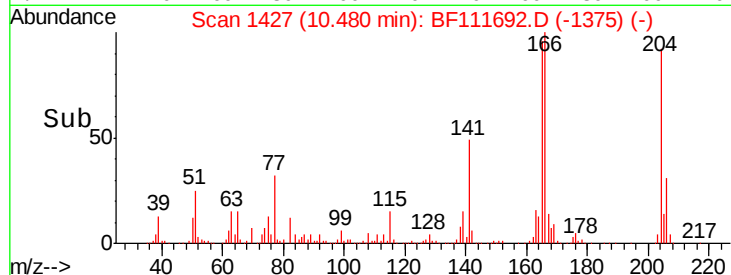
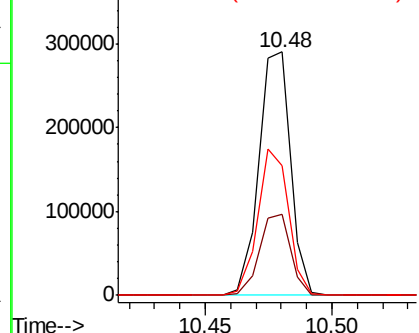
#61
 4-Chlorophenyl-phenylether
 Concen: 26.969 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tgt Ion: 204 Resp: 254940
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 39.8
 141 53.1 52.6 78.8

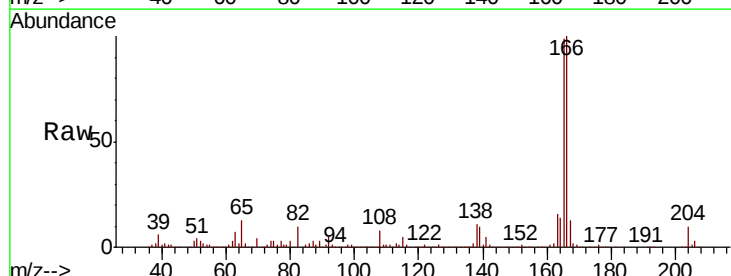


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

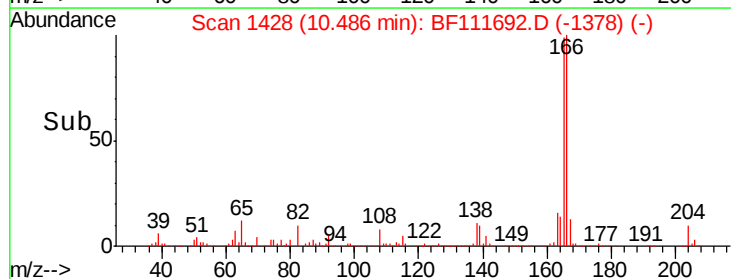
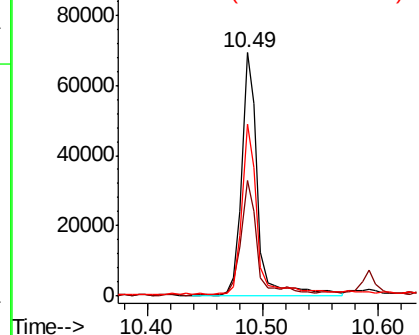


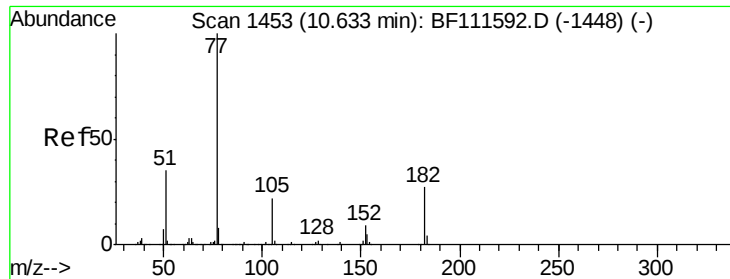
#62
 4-Nitroaniline
 Concen: 17.186 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion: 138 Resp: 67786
 Ion Ratio Lower Upper
 138 100
 92 47.3 29.9 69.9
 108 70.8 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: 25.327 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

Tgt Ion: 77 Resp: 475974

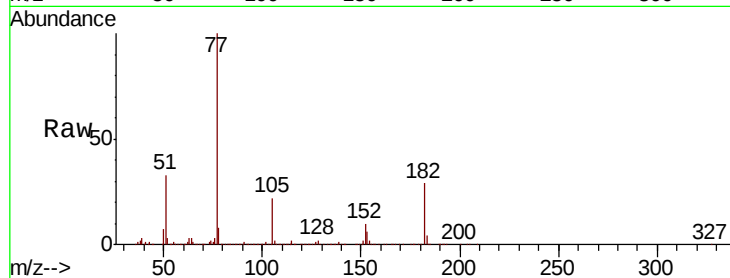
Ion Ratio Lower Upper

77 100

182 29.4 4.9 44.9

105 21.9 6.0 46.0

51 33.1 14.7 54.7

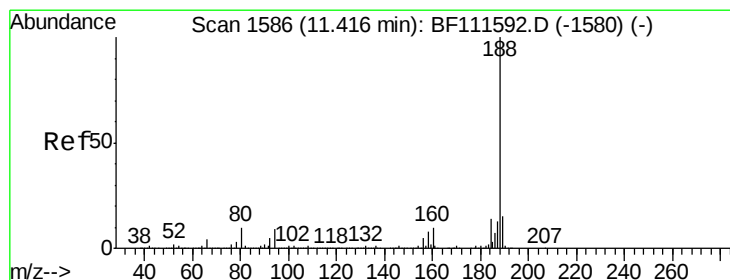
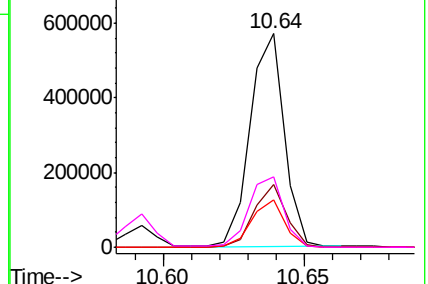
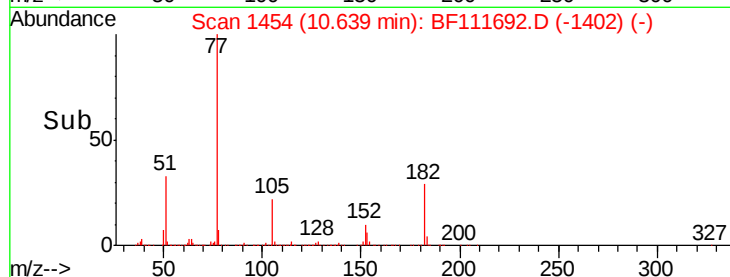


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

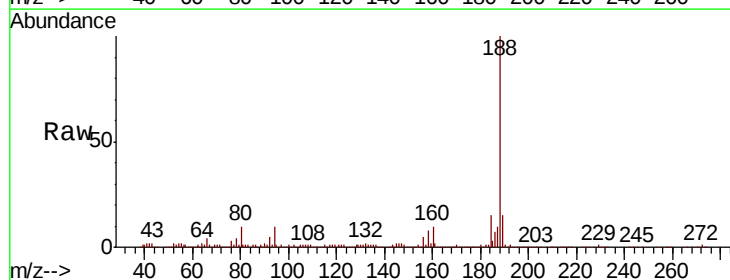
Tgt Ion: 188 Resp: 435505

Ion Ratio Lower Upper

188 100

94 9.6 9.6 14.4#

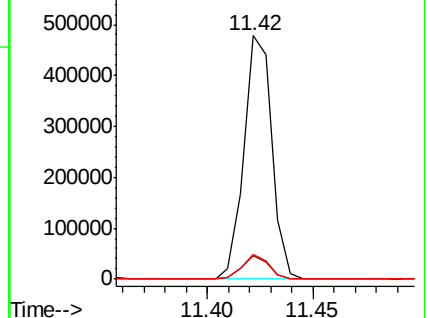
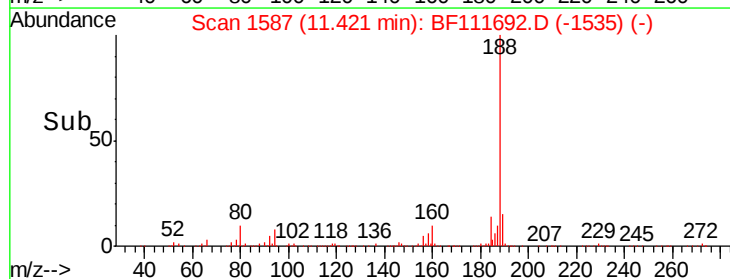
80 10.3 9.8 14.6

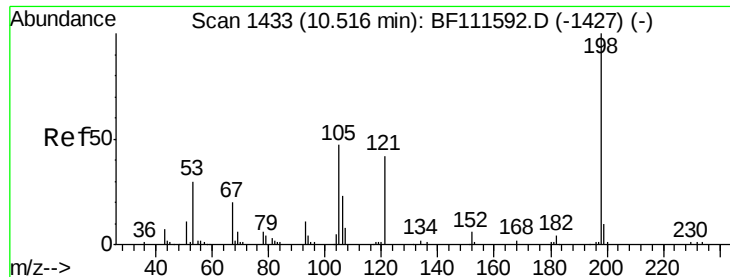


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

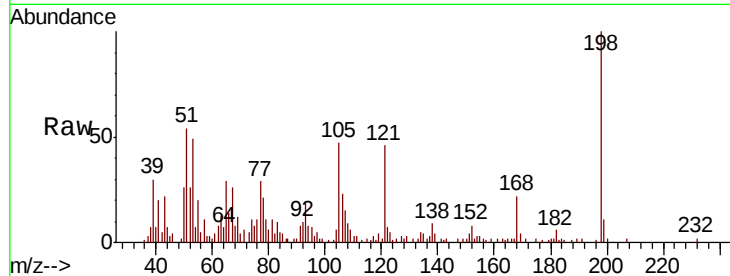




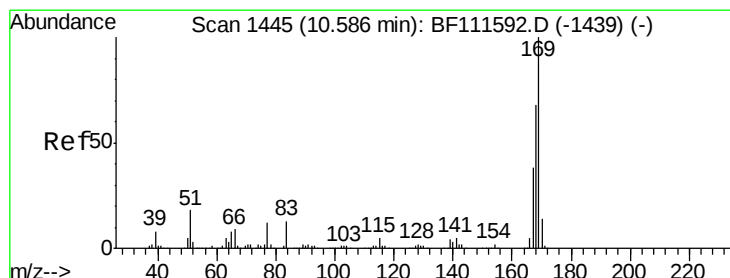
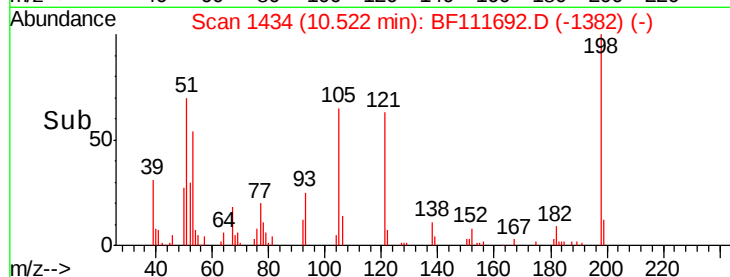
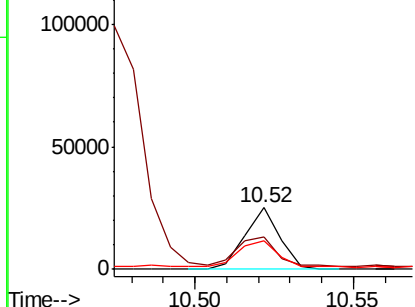
#65
4,6-Dinitro-2-methylphenol
Concen: 15.810 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion:198 Resp: 19069
Ion Ratio Lower Upper
198 100
51 53.7 48.0 88.0
105 47.2 34.0 74.0

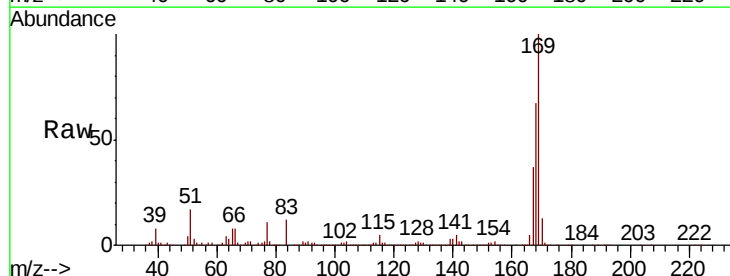


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

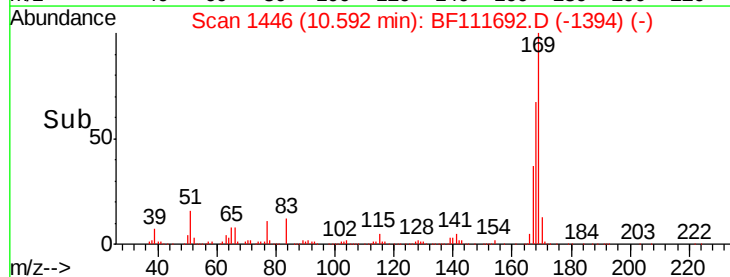
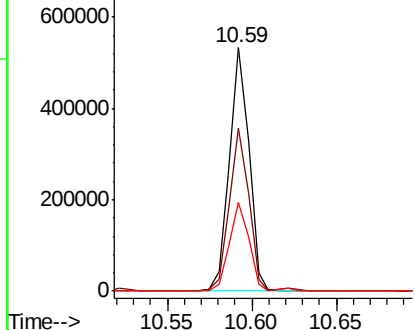


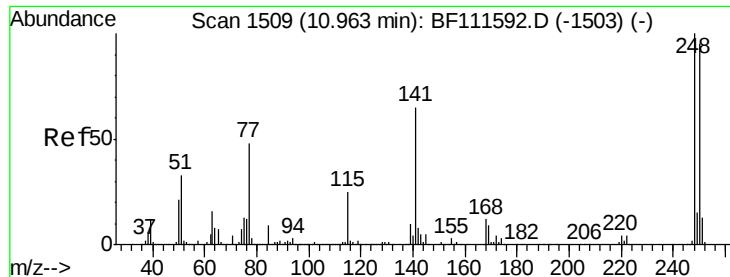
#66
n-Nitrosodiphenylamine
Concen: 29.091 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion:169 Resp: 425284
Ion Ratio Lower Upper
169 100
168 66.9 54.4 81.6
167 36.7 30.5 45.7



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

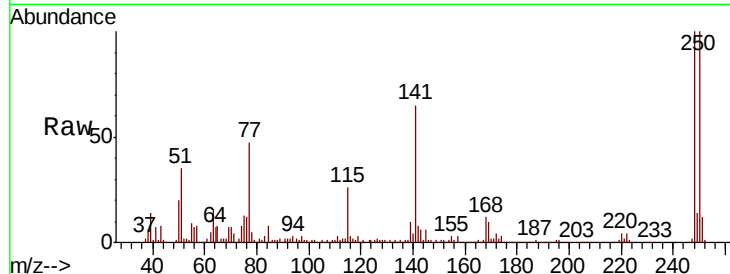




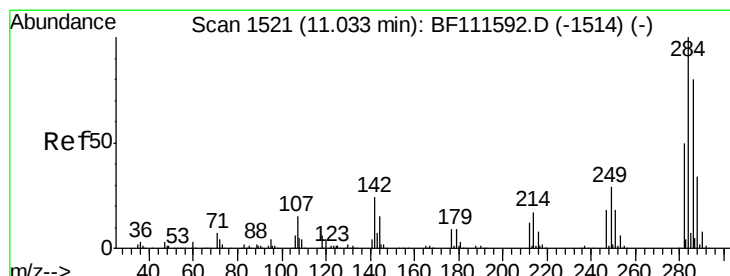
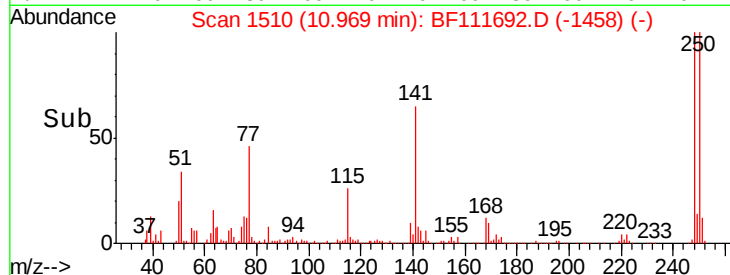
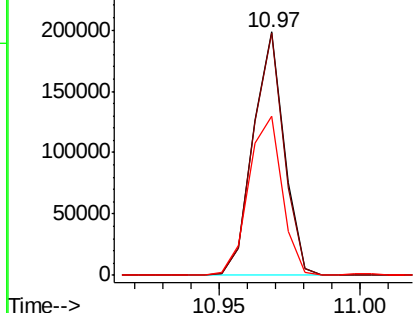
#67
 4-Bromophenyl-phenylether
 Concen: 28.098 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tgt Ion: 248 Resp: 151773
 Ion Ratio Lower Upper
 248 100
 250 99.7 77.0 115.4
 141 65.3 63.0 94.6

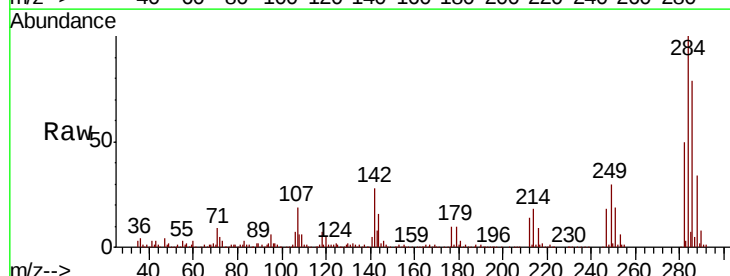


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

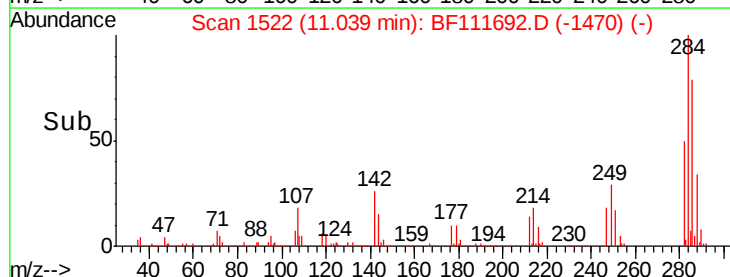
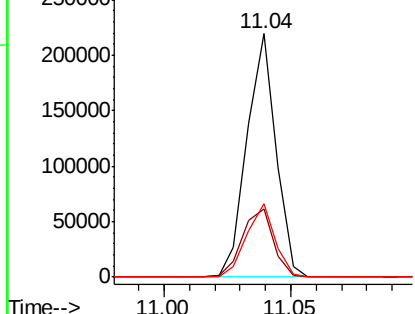


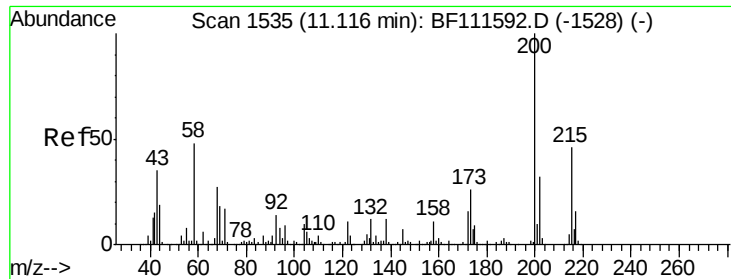
#68
 Hexachlorobenzene
 Concen: 29.020 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion: 284 Resp: 174778
 Ion Ratio Lower Upper
 284 100
 142 28.0 27.4 41.2
 249 30.1 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: 30.556 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

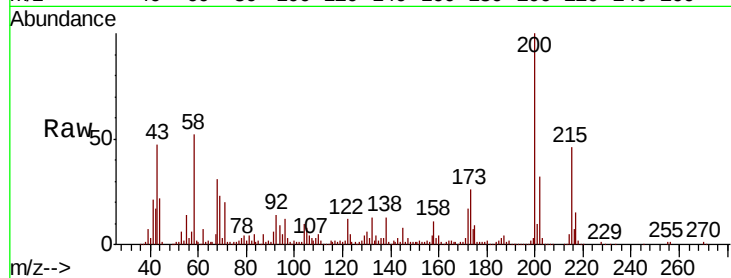
Tgt Ion:200 Resp: 155187

Ion Ratio Lower Upper

200 100

173 25.6 10.1 50.1

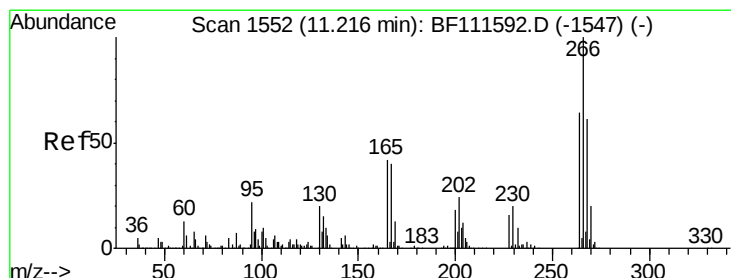
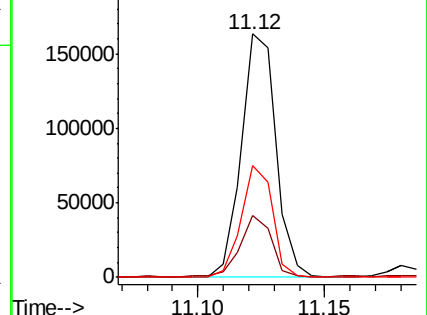
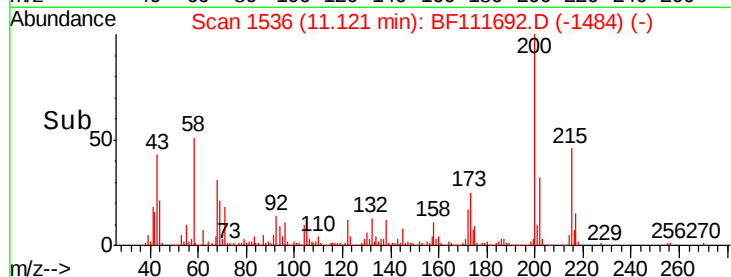
215 45.8 26.9 66.9



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: 49.128 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

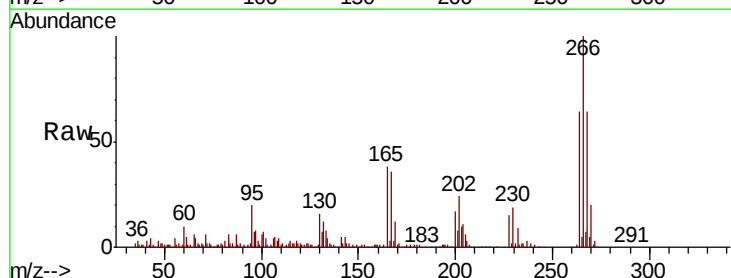
Tgt Ion:266 Resp: 182919

Ion Ratio Lower Upper

266 100

268 63.9 47.9 71.9

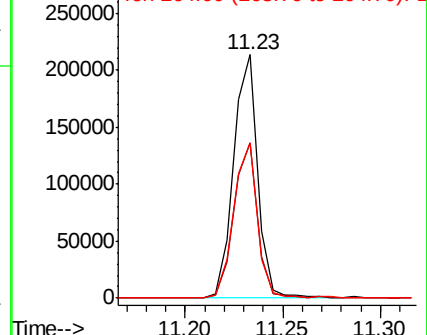
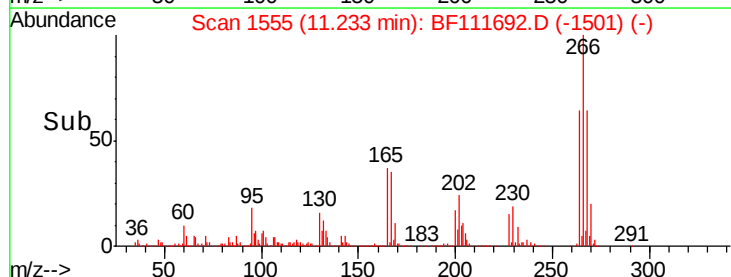
264 63.6 49.1 73.7

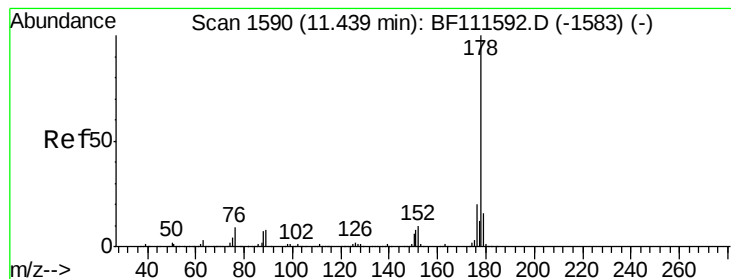


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 31.398 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

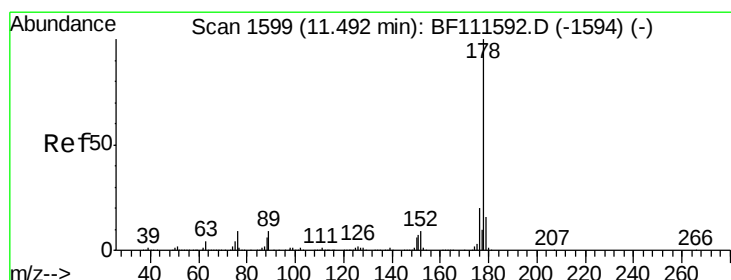
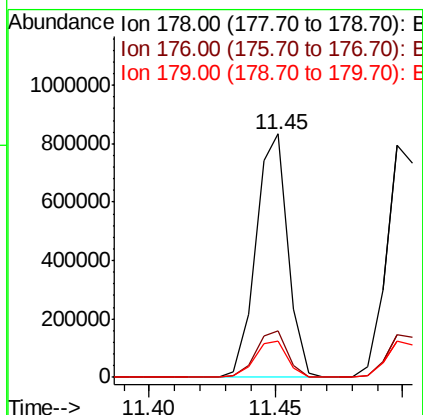
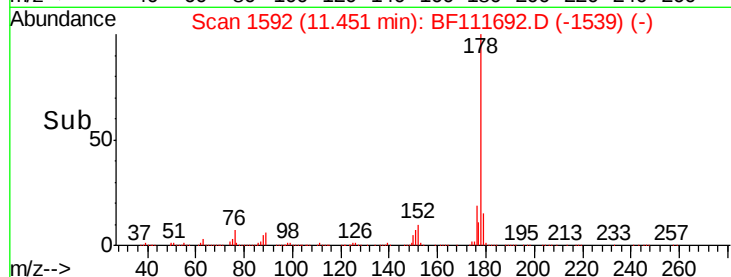
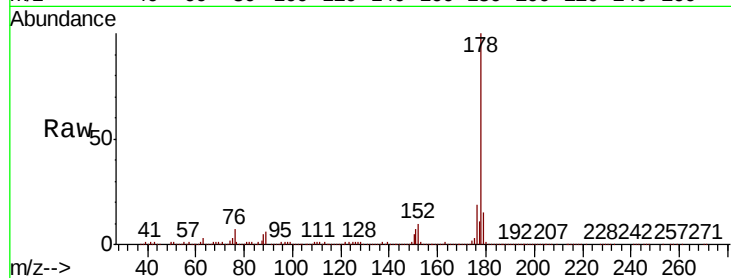
Tgt Ion:178 Resp: 725181

Ion Ratio Lower Upper

178 100

176 18.8 18.1 27.1

179 14.9 14.0 21.0



#72

Anthracene

Concen: 30.609 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

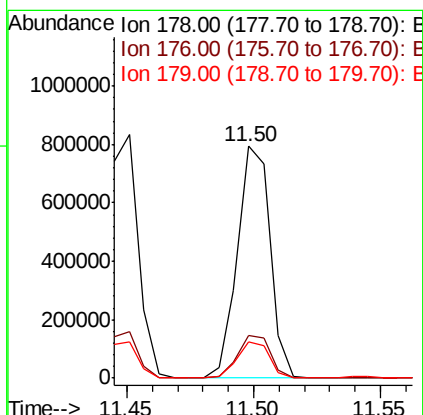
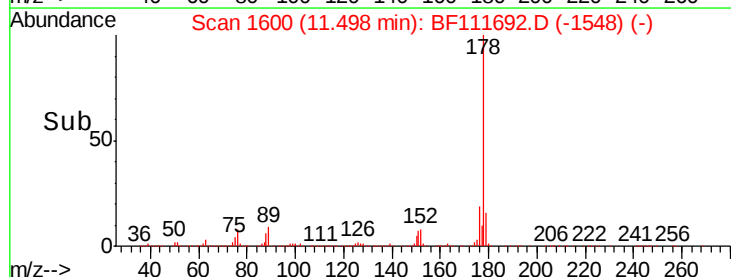
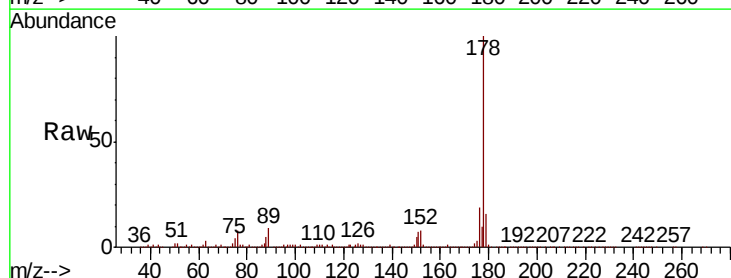
Tgt Ion:178 Resp: 709610

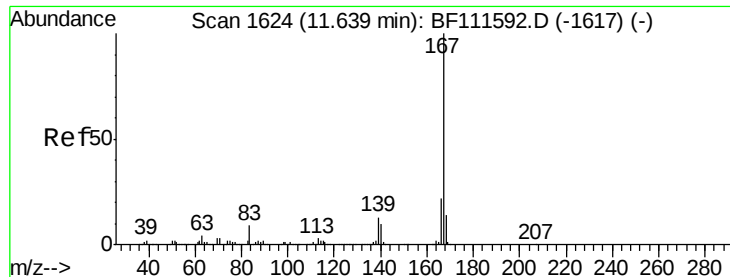
Ion Ratio Lower Upper

178 100

176 18.6 17.2 25.8

179 15.6 13.8 20.8

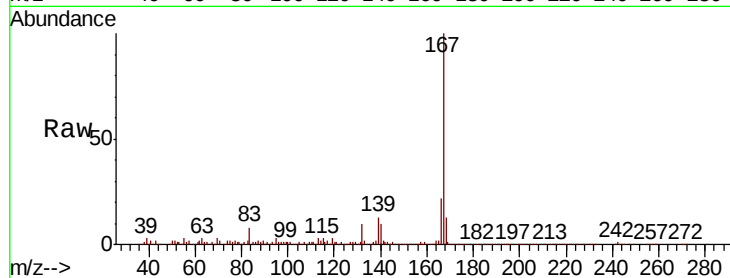




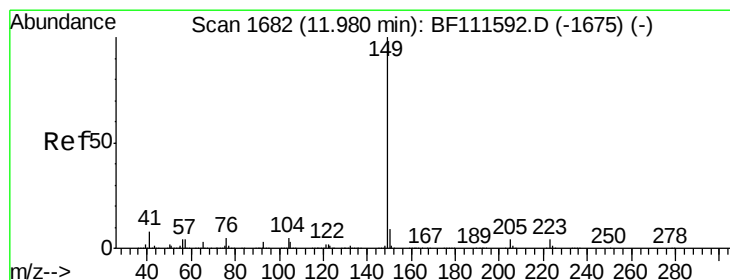
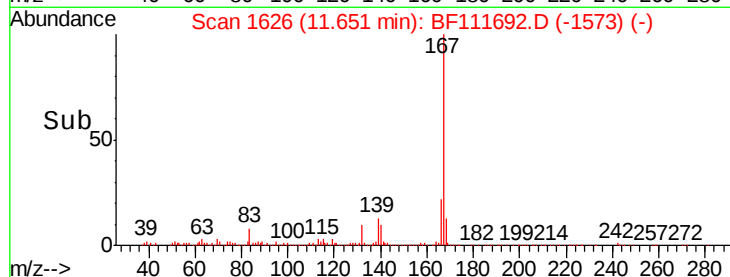
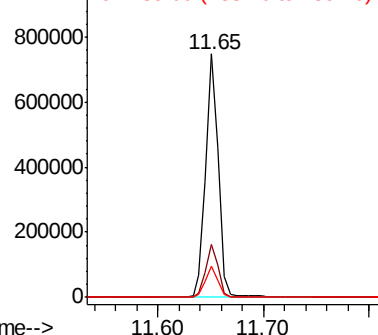
#73
 Carbazole
 Concen: 27.370 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tgt Ion:167 Resp: 616033
 Ion Ratio Lower Upper
 167 100
 166 21.8 19.3 28.9
 139 12.7 11.9 17.9

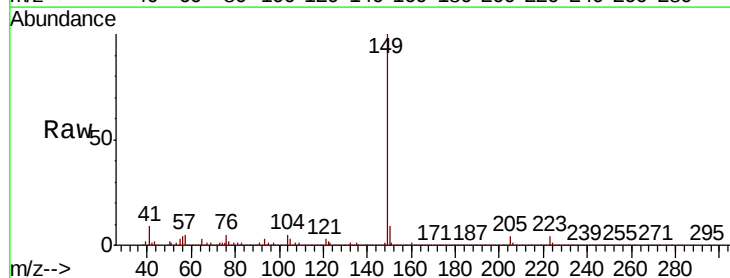


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

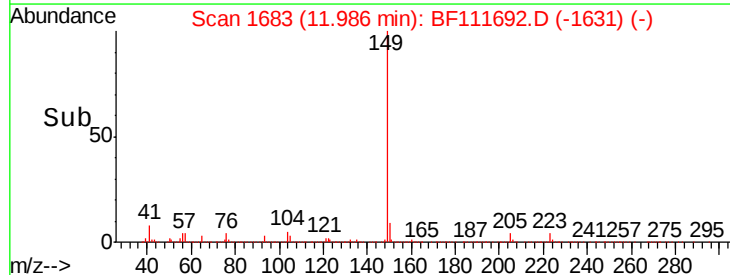
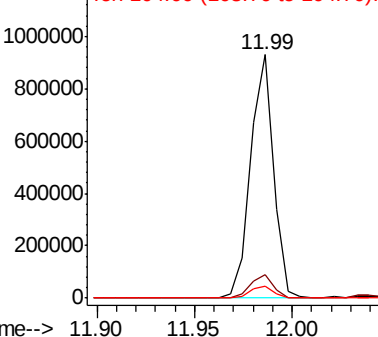


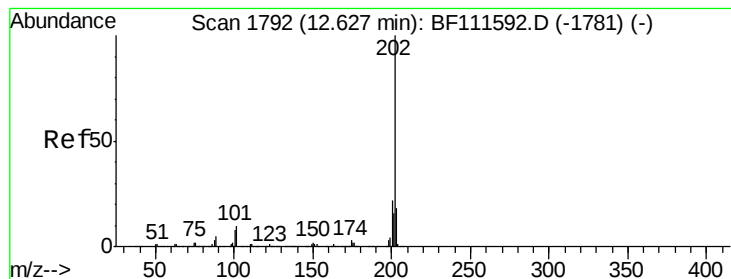
#74
 Di-n-butylphthalate
 Concen: 29.694 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion:149 Resp: 749350
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.8 13.2
 104 4.8 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: 30.714 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

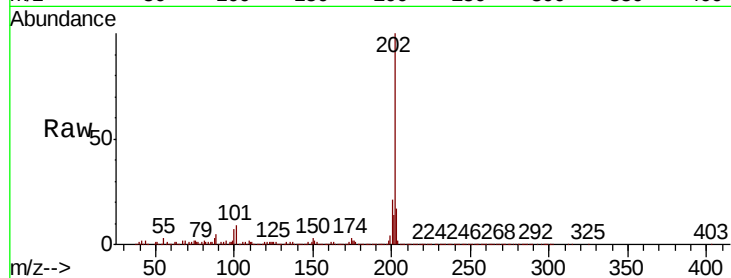
Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

Tgt Ion:	202	Resp:	718342
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	33.8
203	17.3	0.0	38.6

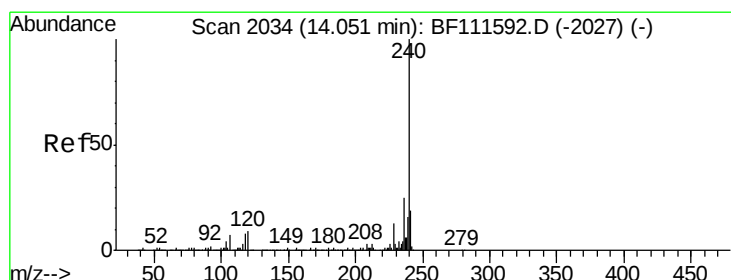
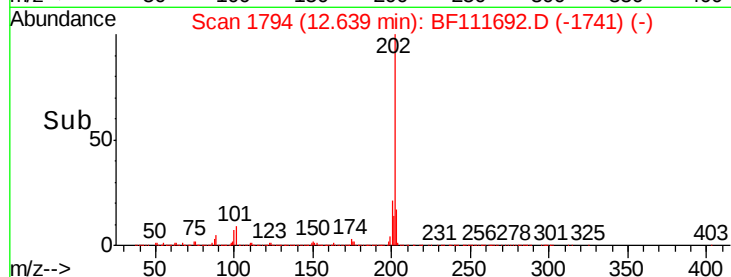
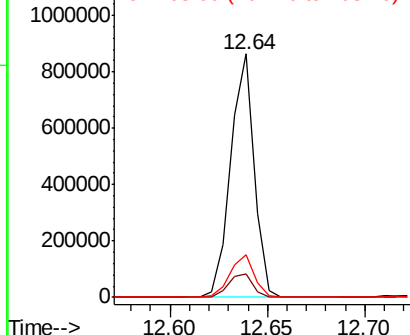


Abundance

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

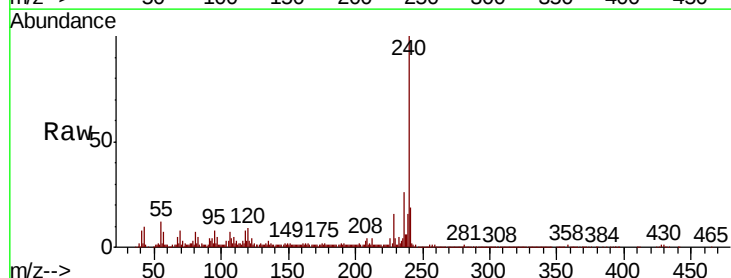
RT: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:	240	Resp:	324795
Ion Ratio	Lower	Upper	
240	100		
120	9.5	12.2	18.2#
236	25.6	20.2	30.2

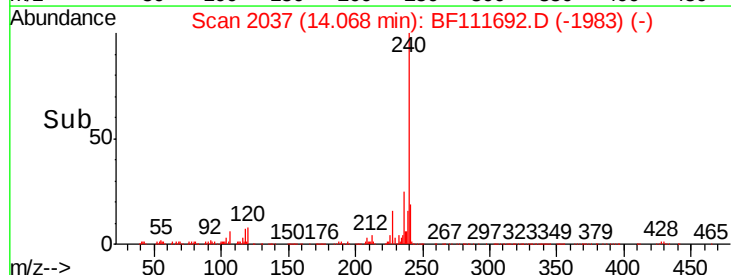
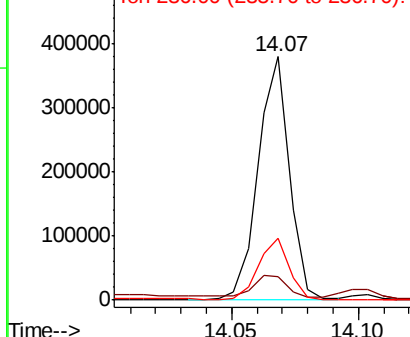


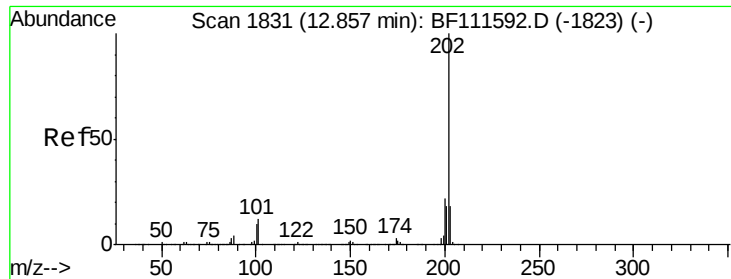
Abundance

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

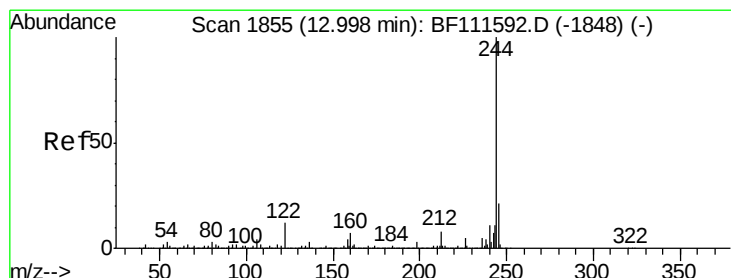
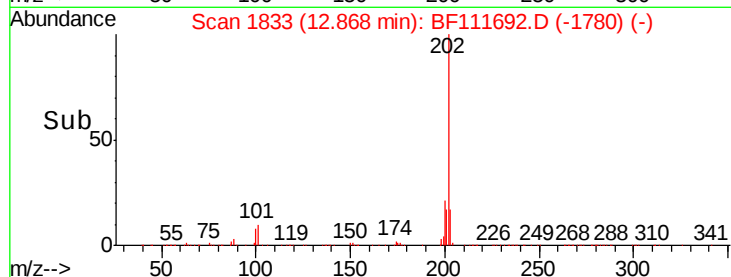
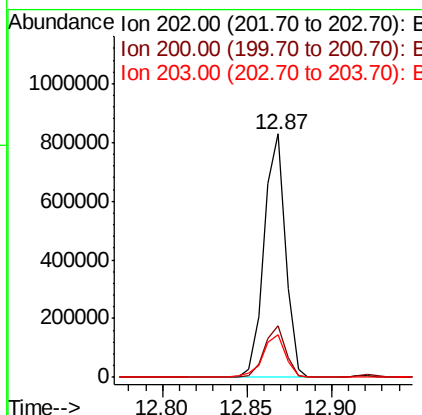
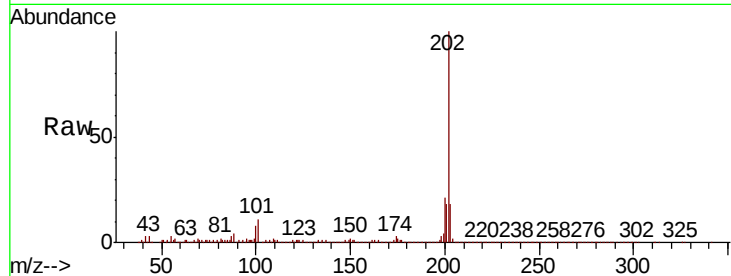




#78
 Pyrene
 Concen: 31.541 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

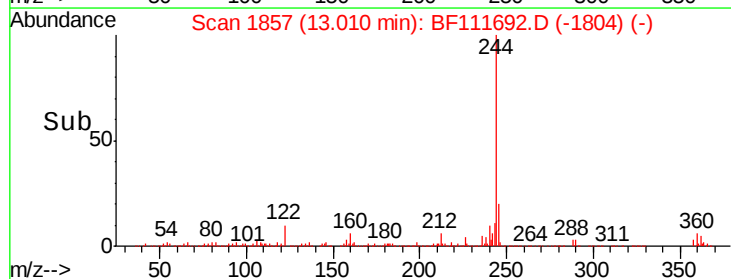
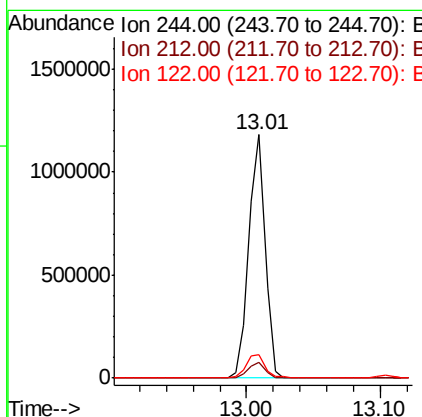
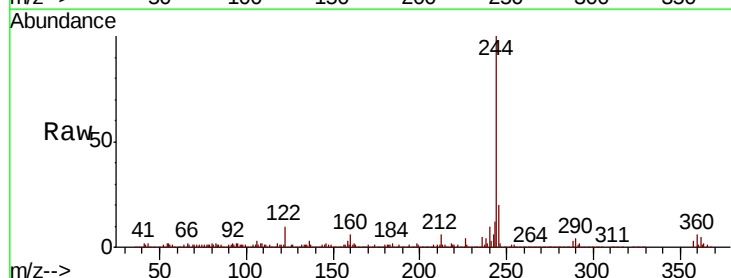
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

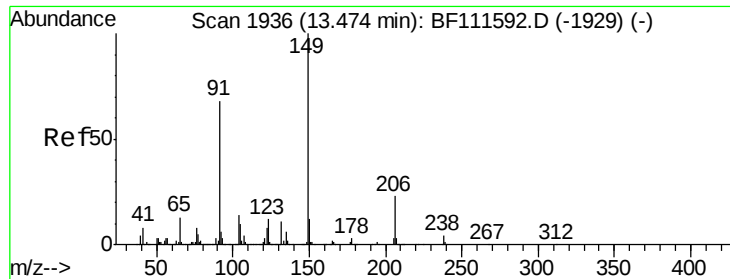
Tgt Ion:	202	Resp:	723428
Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.0	28.4
203	17.8	15.2	22.8



#79
 Terphenyl-d14
 Concen: 57.789 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion:	244	Resp:	989732
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	9.9	13.1	19.7#

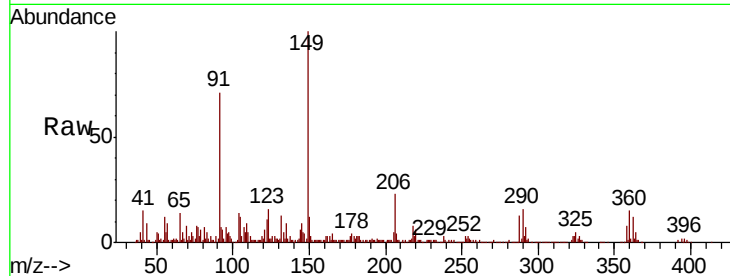




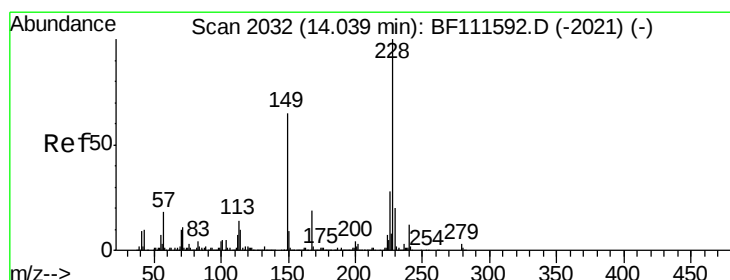
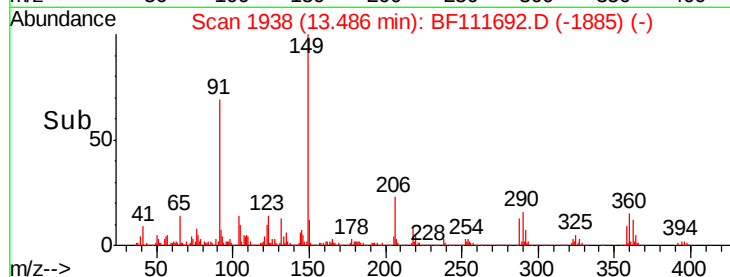
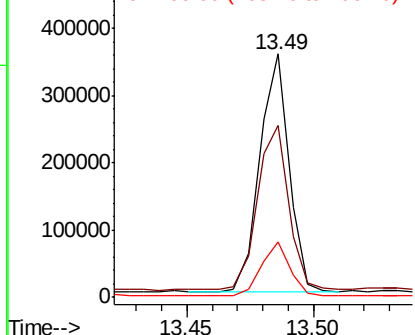
#80
Butylbenzylphthalate
Concen: 30.574 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	63.8	95.6
206	22.8	15.1	22.7#

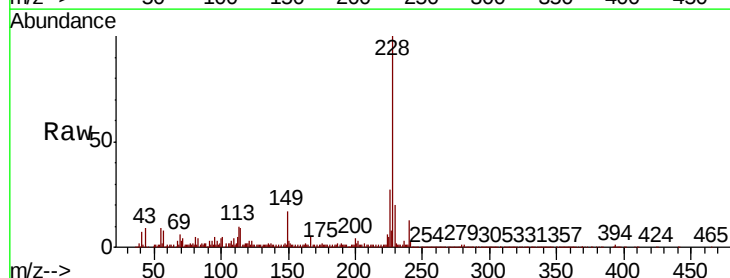


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

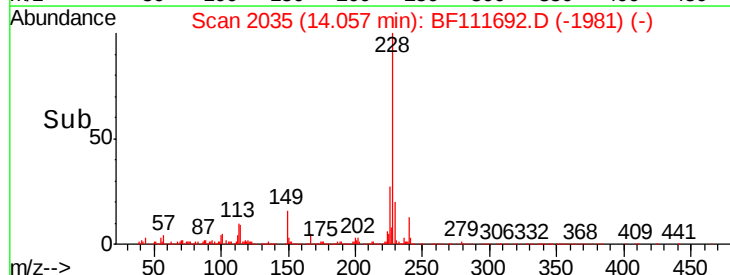
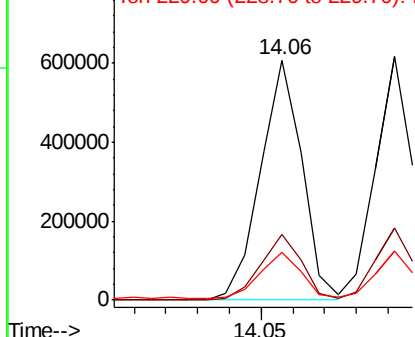


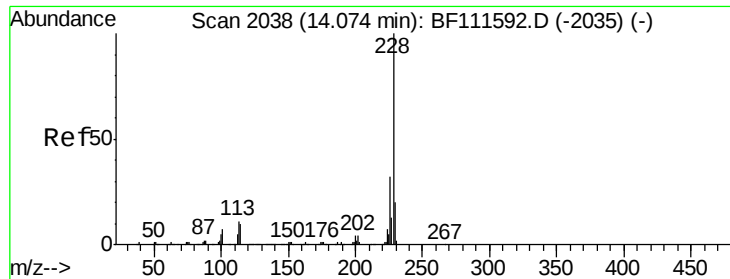
#81
Benzo(a)anthracene
Concen: 29.651 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	20.1	16.3	24.5



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





#83

Chrysene

Concen: 27.148 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

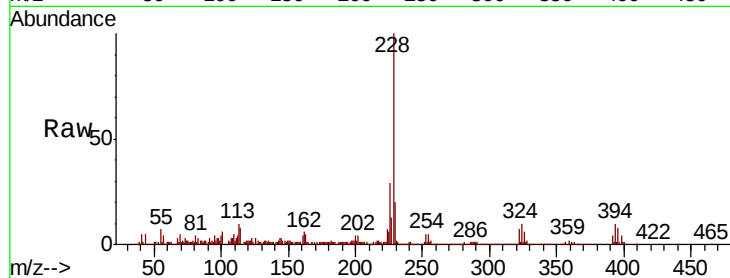
Tgt Ion:228 Resp: 494583

Ion Ratio Lower Upper

228 100

226 29.4 25.3 37.9

229 20.2 17.2 25.8

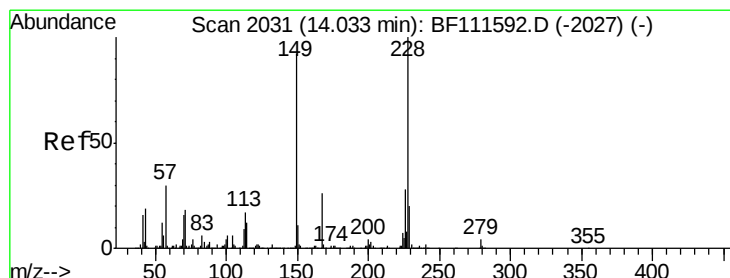
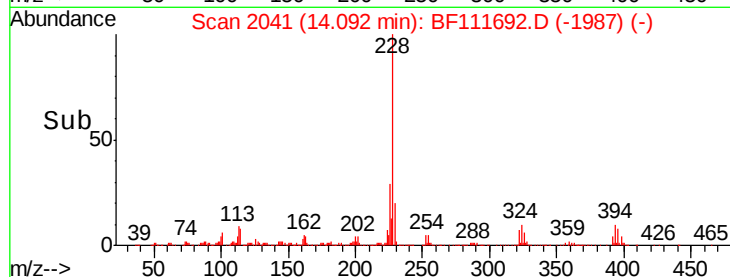
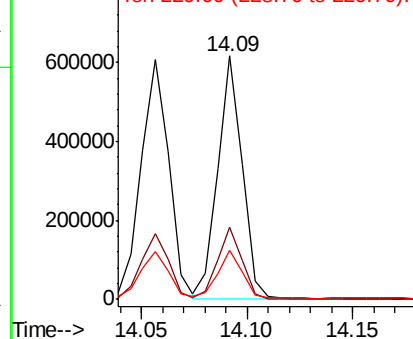


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.942 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

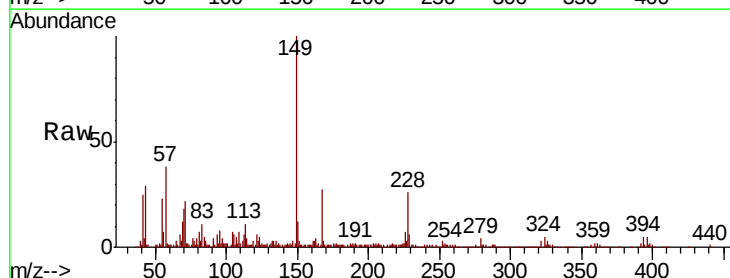
Tgt Ion:149 Resp: 387942

Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

279 4.1 2.6 4.0#

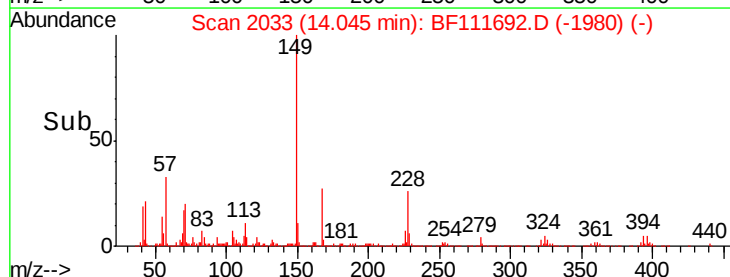
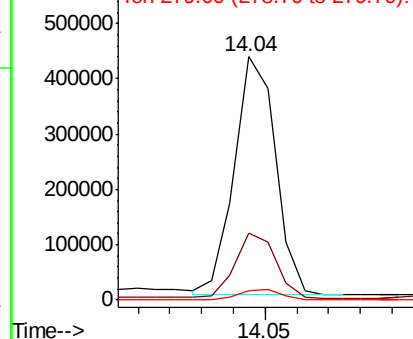


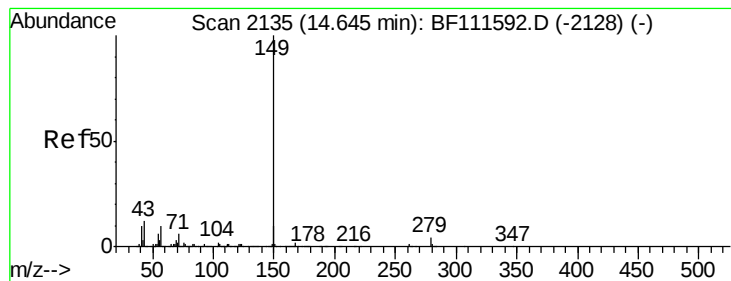
Abundance

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: 31.654 ng

RT: 14.67 min Scan# 2139

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

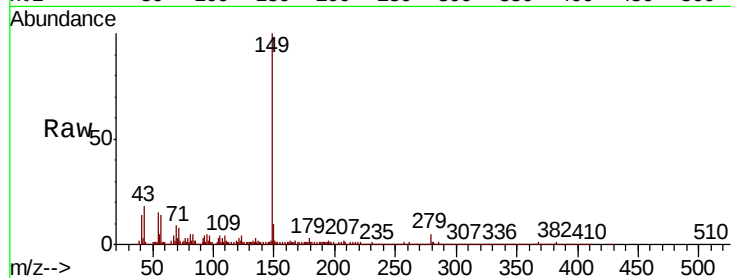
Tgt Ion:149 Resp: 577558

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

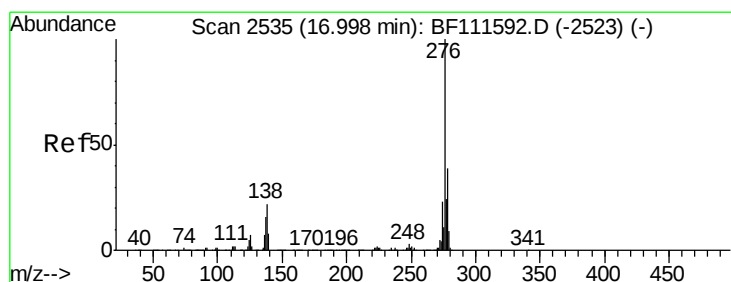
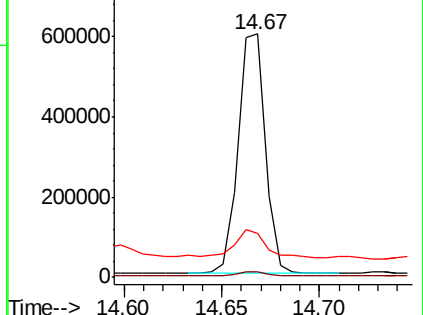
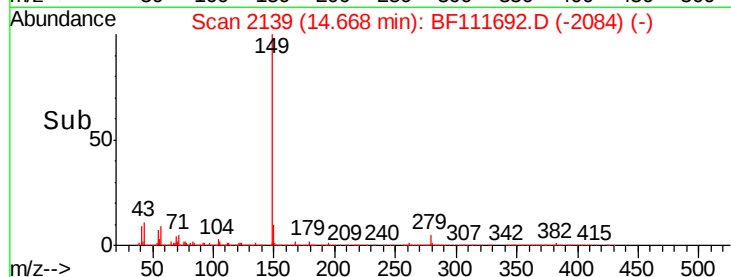
43 13.4 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 26.202 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.05 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

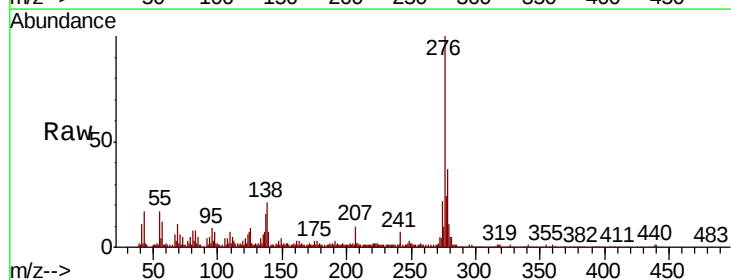
Tgt Ion:276 Resp: 405796

Ion Ratio Lower Upper

276 100

138 22.1 27.8 41.6#

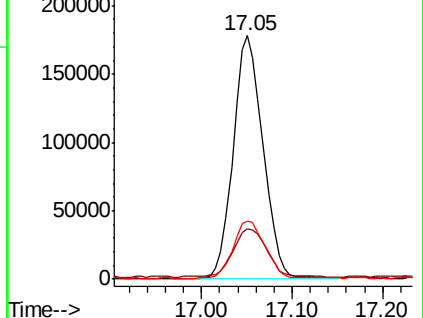
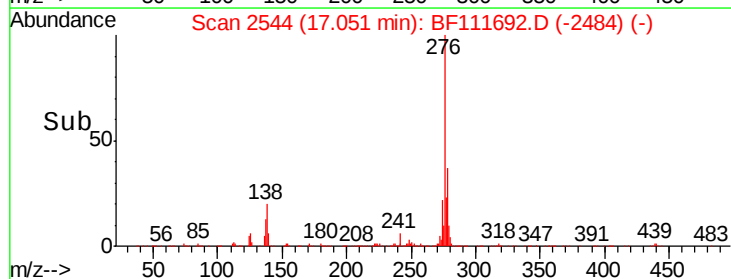
277 25.2 20.1 30.1

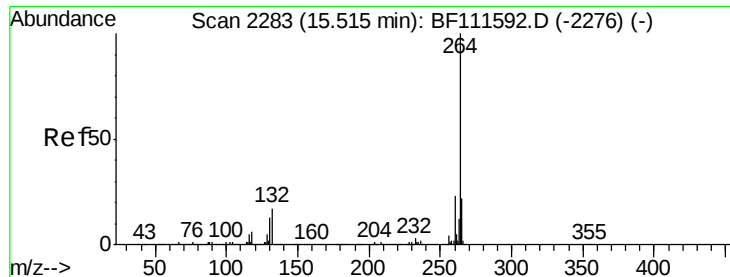


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

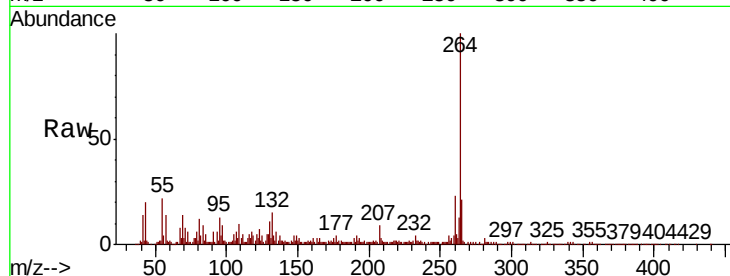




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.0	17.7	26.5

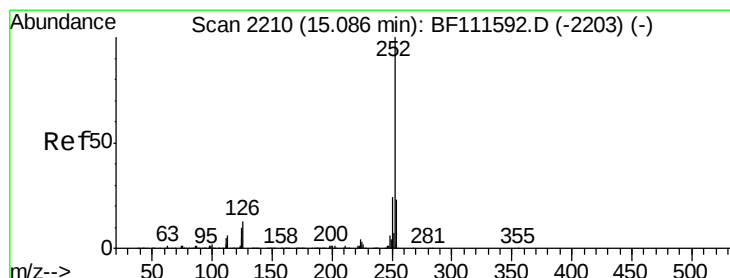
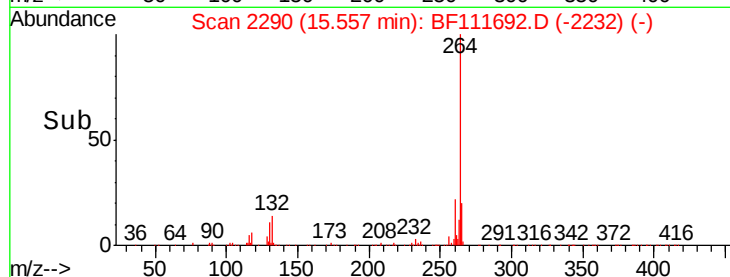
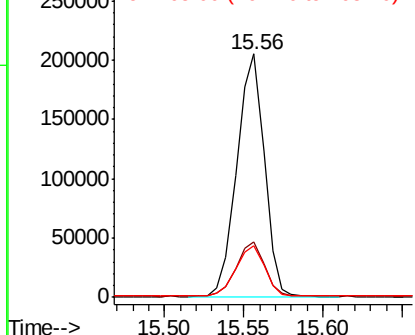


Abundance

Ion 264.00 (263.70 to 264.70): E

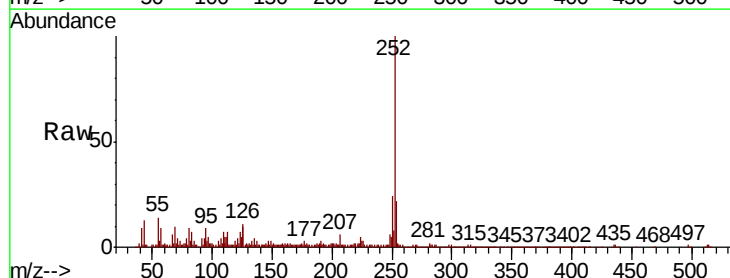
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 30.518 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.8	10.4	15.6#

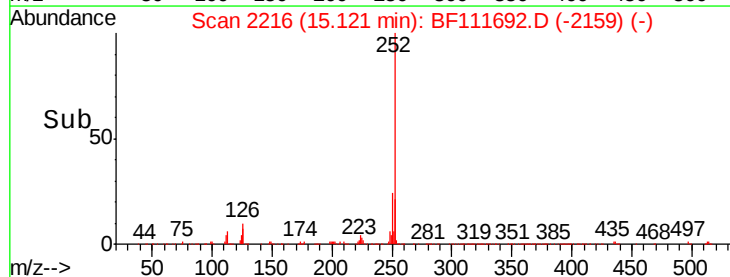
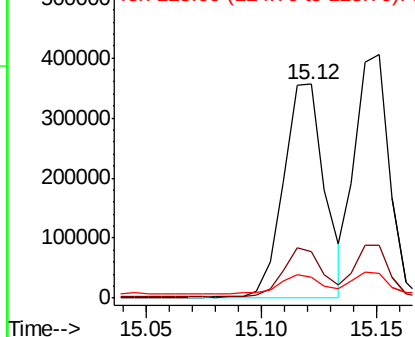


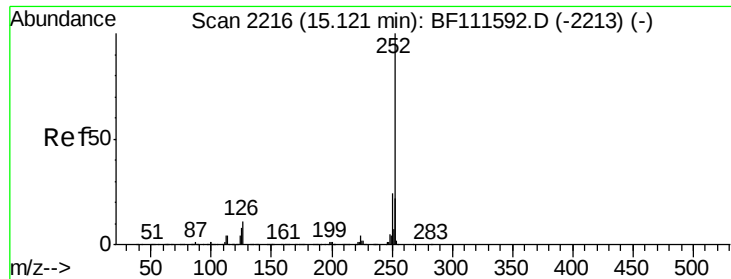
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

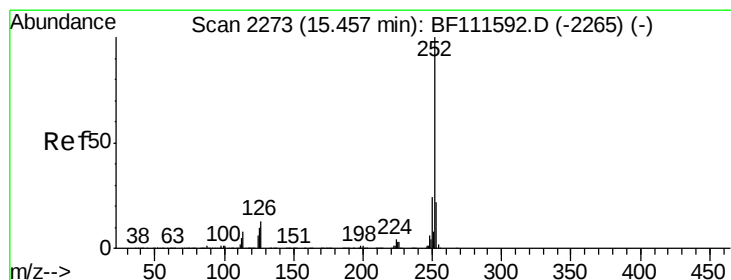
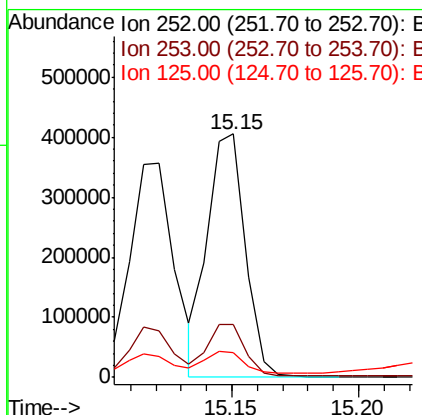
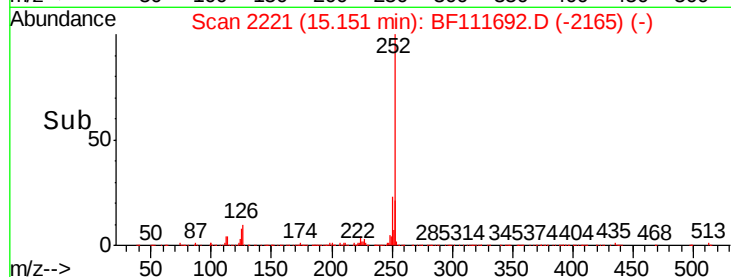
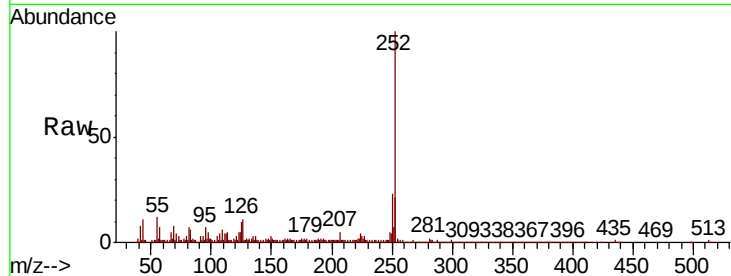




#89
Benzo(k)fluoranthene
Concen: 30.442 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

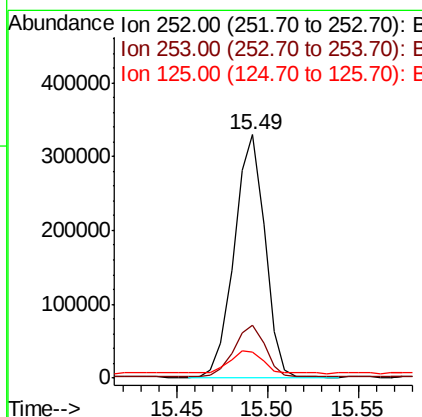
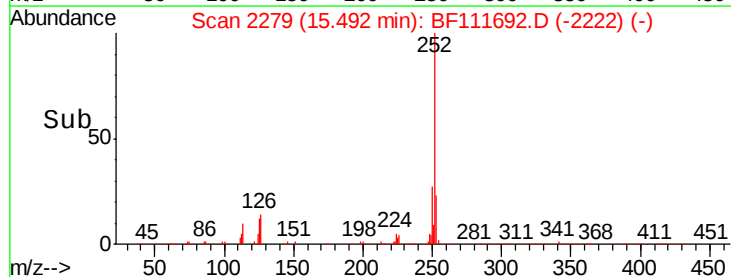
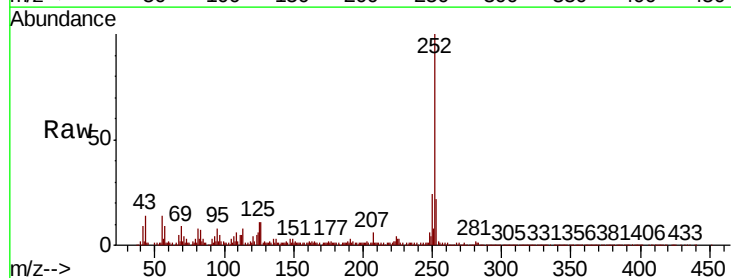
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

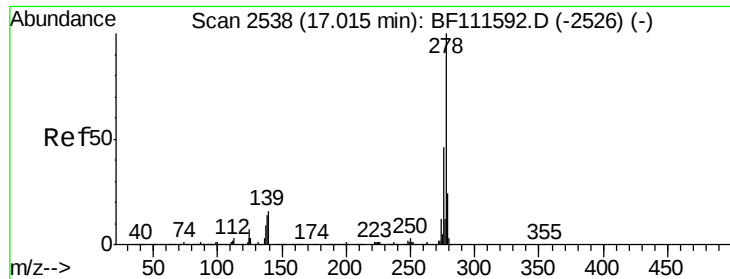
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	9.9	9.8	14.8



#90
Benzo(a)pyrene
Concen: 29.643 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.8	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 29.760 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.05 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

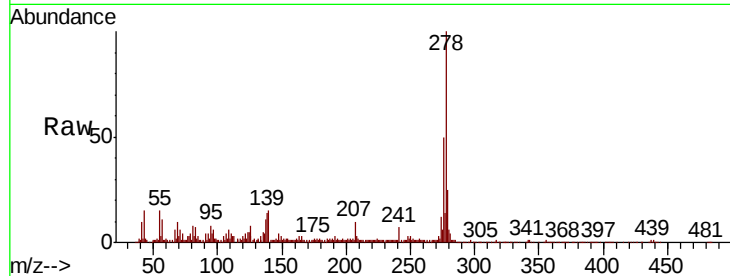
Tgt Ion:278 Resp: 340600

Ion Ratio Lower Upper

278 100

139 14.8 18.2 27.4#

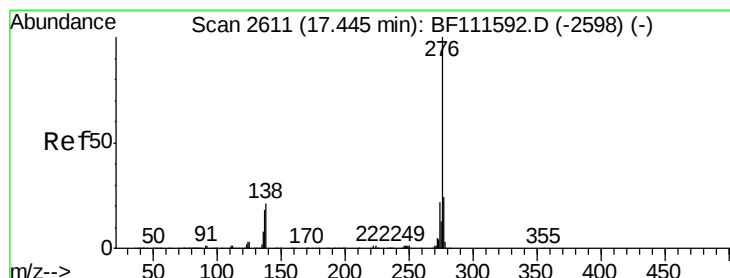
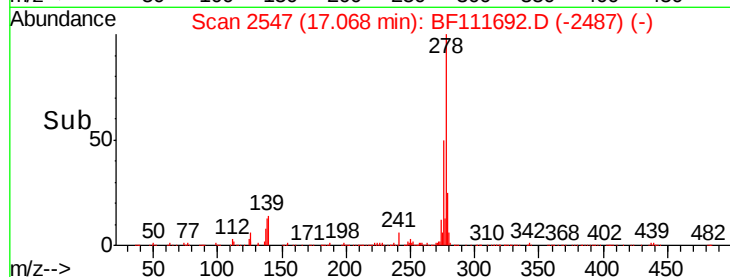
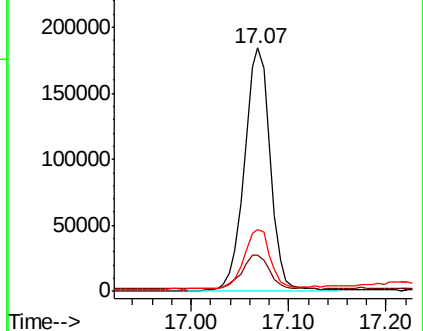
279 25.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 28.466 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.06 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

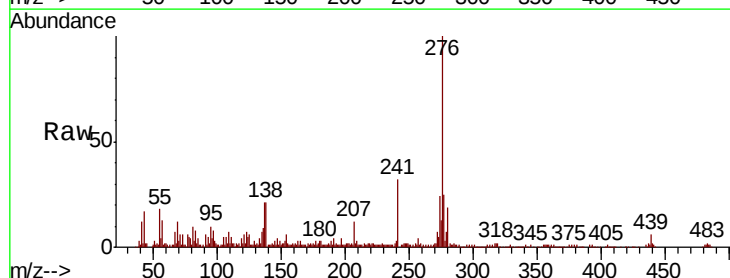
Tgt Ion:276 Resp: 318126

Ion Ratio Lower Upper

276 100

277 25.1 19.2 28.8

138 20.6 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

