

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111608.D
 Acq On : 19 Dec 2018 23:34
 Operator : JU/SJ
 Sample : J6195-09 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121718

Quant Time: Dec 20 03:27:09 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	6.89	152	198357	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	743412	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	351179	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	585785	20.00	ng	0.00
76) Chrysene-d12	14.04	240	529513	20.00	ng	0.00
87) Perylene-d12	15.52	264	437440	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	492079	42.29	ng	-0.01
7) Phenol-d6	6.51	99	631433	42.64	ng	-0.01
23) Nitrobenzene-d5	7.45	82	357991	28.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	148735	35.84	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	598701	24.85	ng	0.00
79) Terphenyl-d14	12.99	244	563560	20.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	1010	0.184	ng	90
3) Pyridine	3.63	79	264	0.019	ng	# 1
4) n-Nitrosodimethylamine	3.38	42	904	0.129	ng	# 1
6) Aniline	6.52	93	1155	0.061	ng	# 1
9) Benzaldehyde	6.43	77	1061	0.104	ng	# 1
10) Phenol	6.52	94	50466	3.020	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	820	0.065	ng	# 1
15) Benzyl Alcohol	7.05	79	6827	0.580	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	7.20	45	110	0.005	ng	72
17) 2-Methylphenol	7.13	107	107	0.010	ng	# 1
18) Hexachloroethane	7.43	117	2600	0.509	ng	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	49160	4.998	ng	# 79
20) 3+4-Methylphenols	7.29	107	580	0.044	ng	# 66
22) Acetophenone	7.29	105	2794	0.148	ng	# 62
24) Nitrobenzene	7.43	77	1382	0.103	ng	# 23
25) Isophorone	7.45	82	357911	15.786	ng	# 64
27) 2,4-Dimethylphenol	7.83	122	177	0.017	ng	# 72
28) bis(2-Chloroethoxy)methane	7.84	93	128	0.008	ng	# 48
31) Naphthalene	8.20	128	250706	7.019	ng	95
32) Benzoic acid	7.95	122	293	0.041	ng	# 1
33) 4-Chloroaniline	8.20	127	32242	2.088	ng	# 35
35) Caprolactam	8.60	113	409	0.105	ng	# 1
36) 4-Chloro-3-methylphenol	8.64	107	126	0.011	ng	# 1
37) 2-Methylnaphthalene	8.89	142	248141	10.678	ng	100
38) 1-Methylnaphthalene	8.99	142	203634	9.124	ng	98
46) 1,1'-Biphenyl	9.35	154	72393	2.442	ng	91
47) 2-Chloronaphthalene	9.42	162	5260	0.224	ng	# 46
48) 2-Nitroaniline	9.45	65	1501	0.246	ng	# 6
49) Acenaphthylene	9.79	152	56520	1.648	ng	95
50) Dimethylphthalate	9.64	163	134949	5.255	ng	97
51) 2,6-Dinitrotoluene	9.64	165	3059	0.597	ng	# 9
52) Acenaphthene	9.96	154	298128	14.096	ng	98
53) 3-Nitroaniline	9.96	138	334	0.061	ng	# 1
55) Dibenzofuran	10.13	168	278973	8.730	ng	93

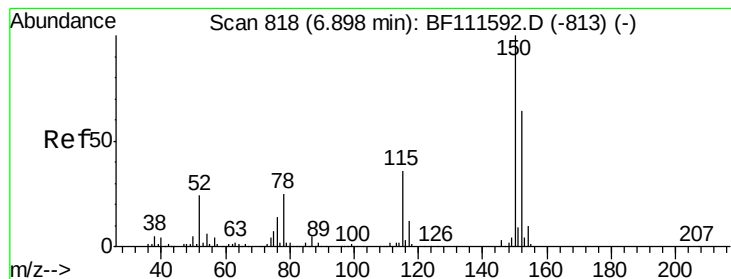
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111608.D
 Acq On : 19 Dec 2018 23:34
 Operator : JU/SJ
 Sample : J6195-09 2X
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Quant Time: Dec 20 03:27:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant 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)
56) 4-Nitrophenol	10.13	139	102517	24.598	ng	# 9
57) 2,4-Dinitrotoluene	10.09	165	5298	0.861	ng	# 46
58) Fluorene	10.47	166	411290	17.862	ng	99
60) Diethylphthalate	10.34	149	1494	0.059	ng	# 73
61) 4-Chlorophenyl-phenylether	10.30	204	417	0.033	ng	# 49
62) 4-Nitroaniline	10.47	138	4458	0.840	ng	# 23
63) Azobenzene	10.63	77	3201	0.127	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.71	198	339	6.813	ng	# 1
66) n-Nitrosodiphenylamine	10.59	169	6910	0.351	ng	# 13
67) 4-Bromophenyl-phenylether	10.71	248	9180	1.263	ng	# 1
69) Atrazine	11.12	200	107	0.016	ng	# 36
71) Phenanthrene	11.44	178	1906570	61.371	ng	97
72) Anthracene	11.49	178	536026	17.190	ng	95
73) Carbazole	11.63	167	139923	4.622	ng	95
74) Di-n-butylphthalate	11.97	149	2856	0.084	ng	# 65
75) Fluoranthene	12.63	202	1458624	46.366	ng	95
77) Benzidine	12.99	184	7124	0.358	ng	98
78) Pyrene	12.85	202	1371537	36.679	ng	98
80) Butylbenzylphthalate	13.47	149	951	0.062	ng	# 42
81) Benzo(a)anthracene	14.03	228	634660	21.002	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	712	0.060	ng	# 74
83) Chrysene	14.07	228	552914	18.616	ng	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	6121	0.319	ng	# 85
85) Di-n-octyl phthalate	14.64	149	910	0.031	ng	# 56
86) Indeno(1,2,3-cd)pyrene	16.99	276	157706	6.246	ng	# 86
88) Benzo(b)fluoranthene	15.09	252	679674	26.585	ng	# 97
89) Benzo(k)fluoranthene	15.09	252	679674	27.925	ng	98
90) Benzo(a)pyrene	15.39	252	236192	10.169	ng	97
91) Dibenzo(a,h)anthracene	17.00	278	43448	2.136	ng	92
92) Benzo(g,h,i)perylene	17.67	276	48049	2.419	ng	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

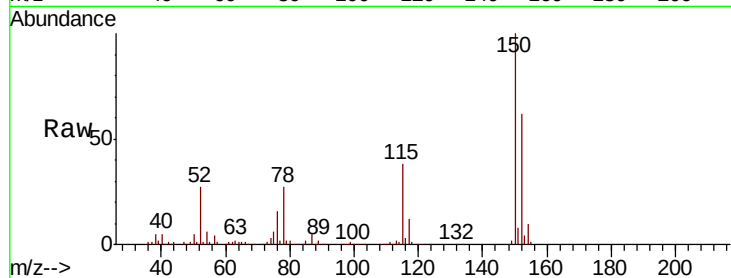
Tgt Ion:152 Resp: 198357

Ion Ratio Lower Upper

152 100

150 160.8 126.6 189.8

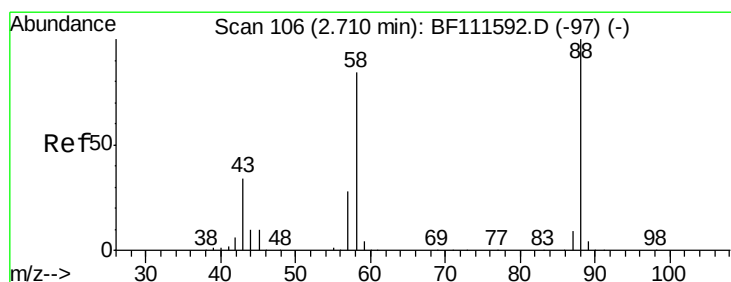
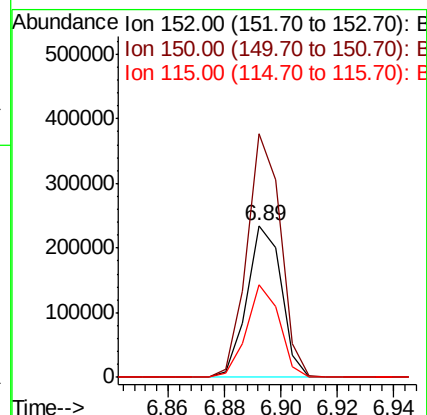
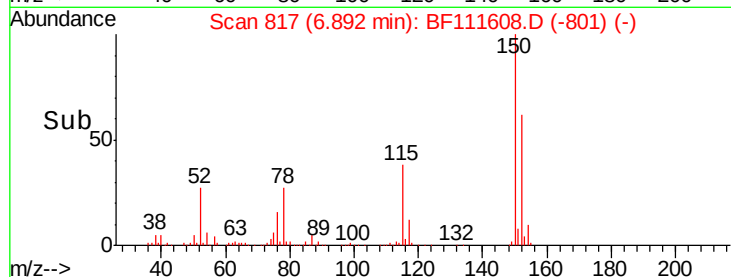
115 61.1 50.7 76.1



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: 0.184 ng

RT: 2.62 min Scan# 91

Delta R.T. -0.09 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

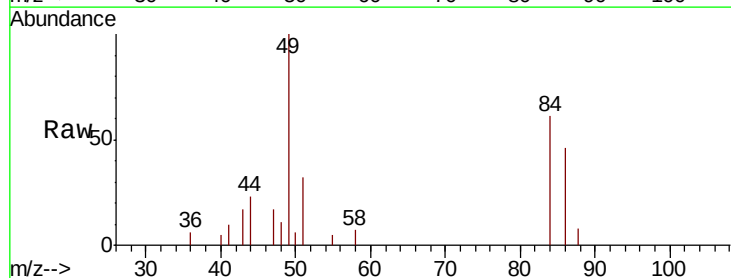
Tgt Ion: 88 Resp: 1010

Ion Ratio Lower Upper

88 100

58 74.3 68.9 103.3

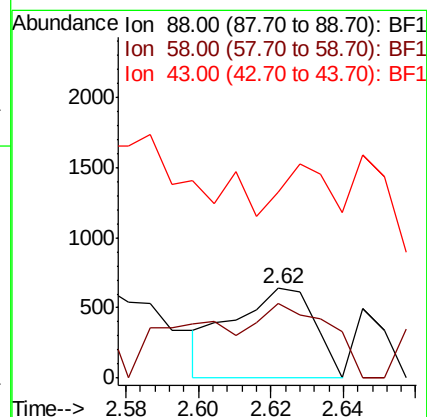
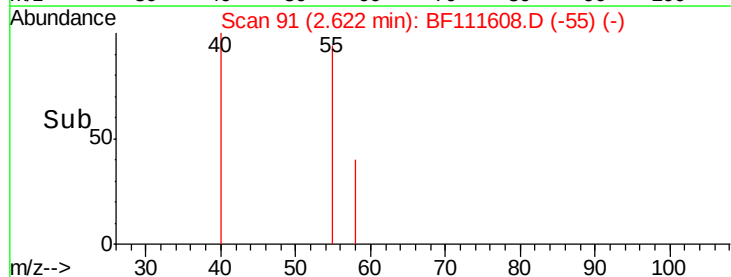
43 30.6 25.8 38.6

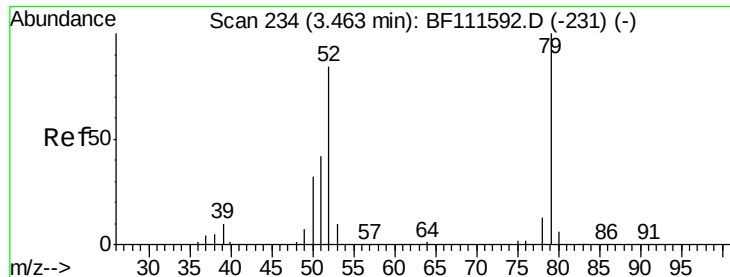


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.019 ng

RT: 3.63 min Scan# 263

Delta R.T. 0.17 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

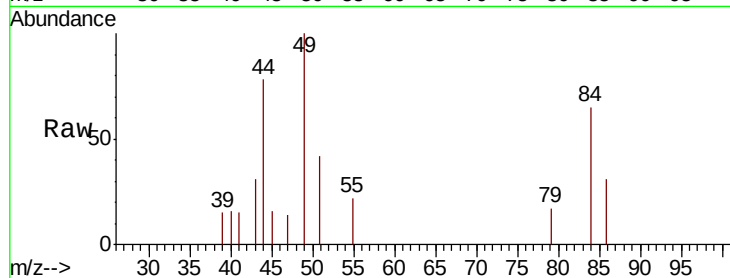
Tgt Ion: 79 Resp: 264

Ion Ratio Lower Upper

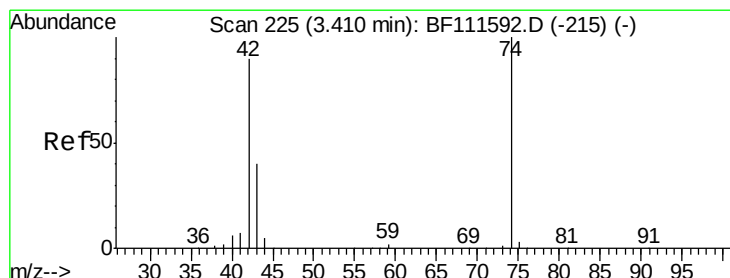
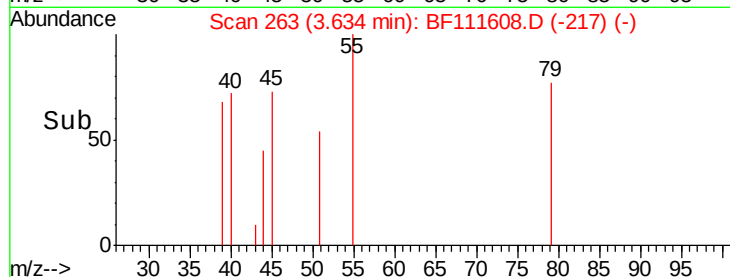
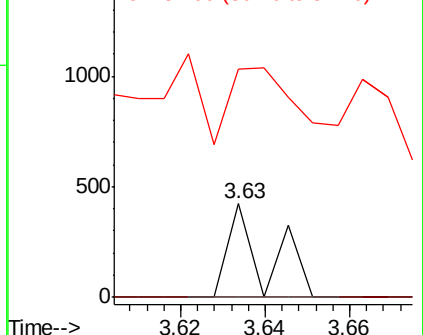
79 100

52 0.0 68.3 102.5#

51 243.5 32.6 49.0#



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



#4

n-Nitrosodimethylamine

Concen: 0.129 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.03 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

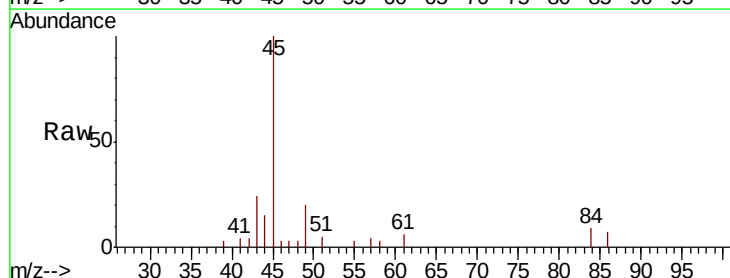
Tgt Ion: 42 Resp: 904

Ion Ratio Lower Upper

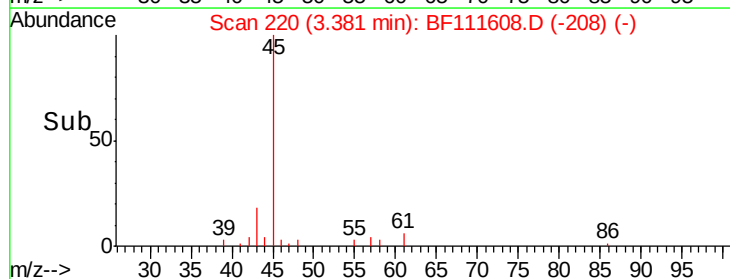
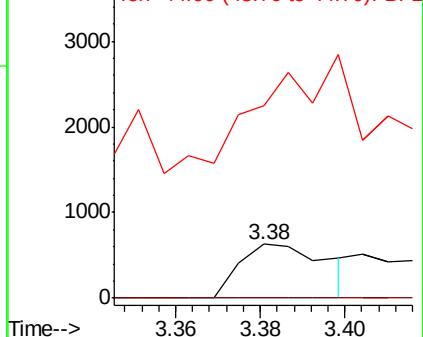
42 100

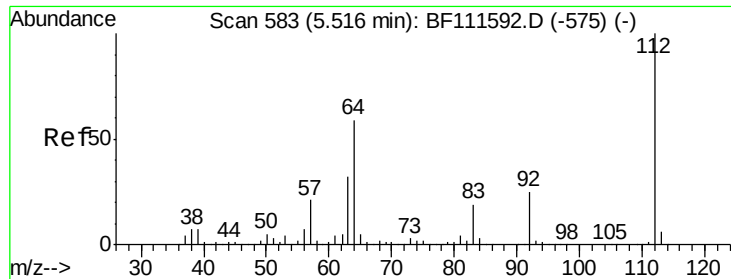
74 0.0 101.5 152.3#

44 356.1 6.0 9.0#



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





#5

2-Fluorophenol

Concen: 42.286 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

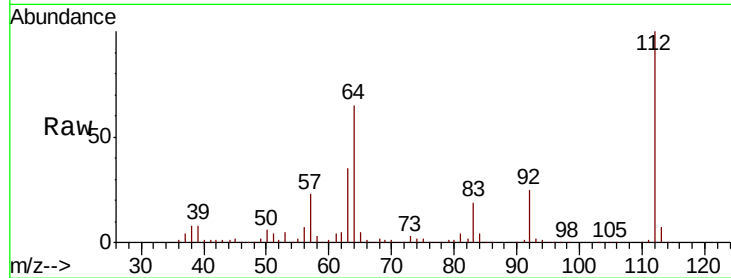
Tgt Ion: 112 Resp: 492079

Ion Ratio Lower Upper

112 100

64 65.2 51.8 77.6

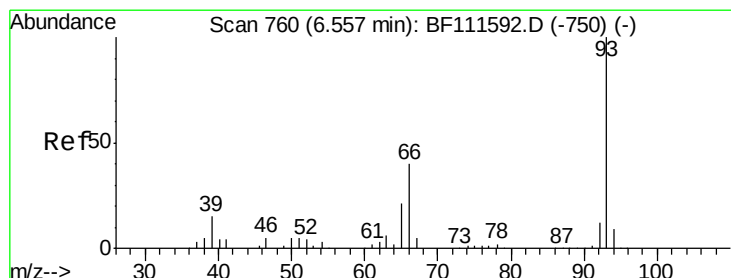
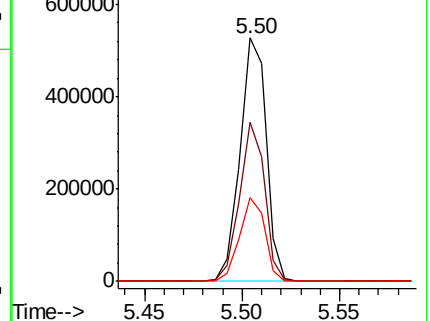
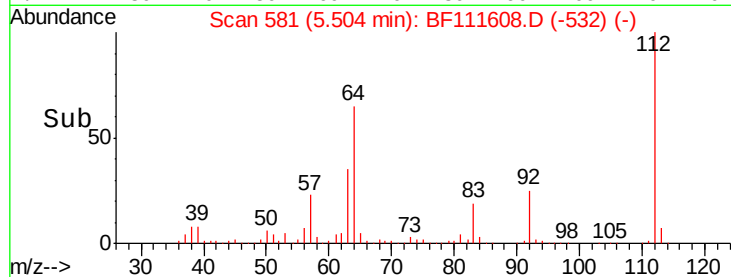
63 34.6 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.061 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.04 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

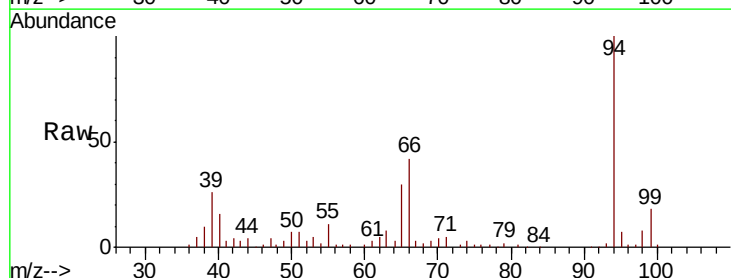
Tgt Ion: 93 Resp: 1155

Ion Ratio Lower Upper

93 100

66 1910.9 33.2 49.8#

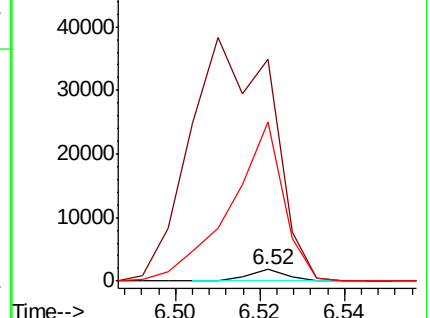
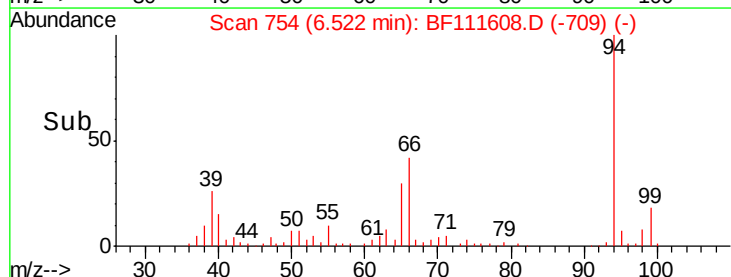
65 1367.5 17.0 25.4#

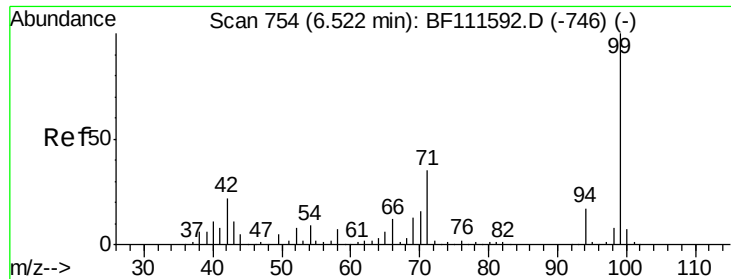


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 42.636 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

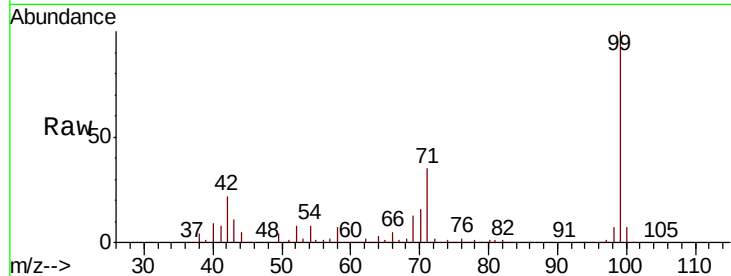
Tgt Ion: 99 Resp: 631433

Ion Ratio Lower Upper

99 100

42 22.4 17.4 26.0

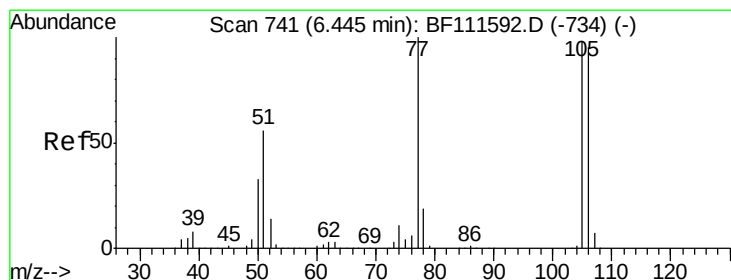
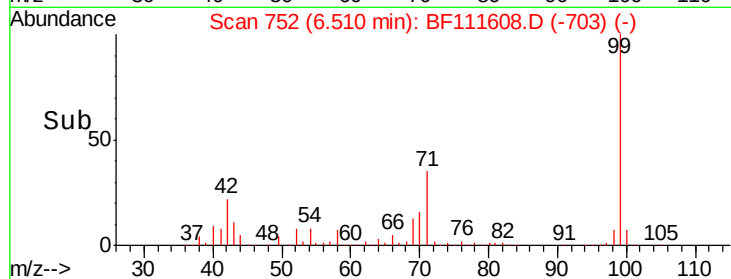
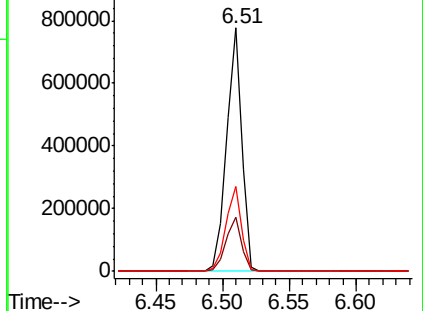
71 35.1 26.1 39.1



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



#9

Benzaldehyde

Concen: 0.104 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

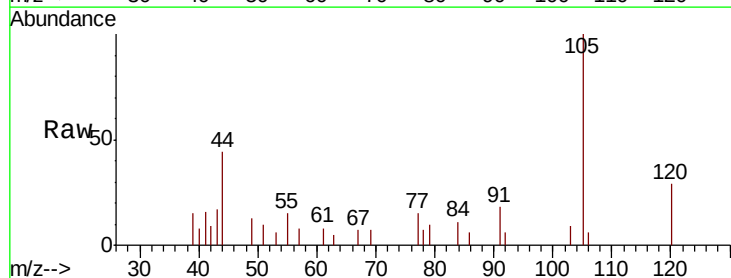
Tgt Ion: 77 Resp: 1061

Ion Ratio Lower Upper

77 100

105 665.5 81.4 121.4#

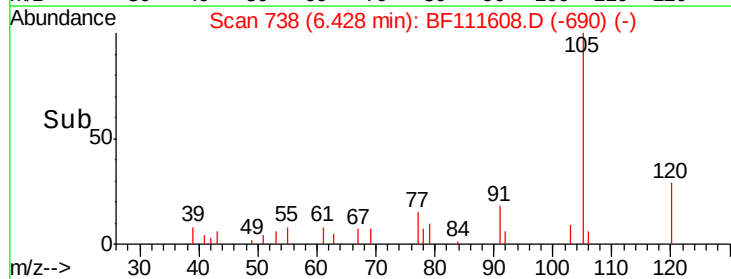
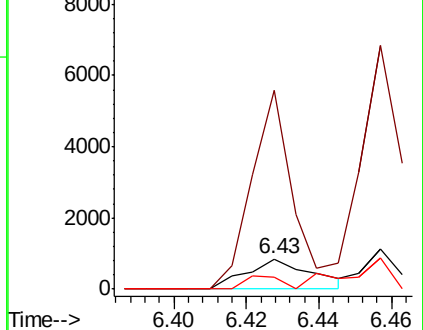
106 41.9 77.9 117.9#

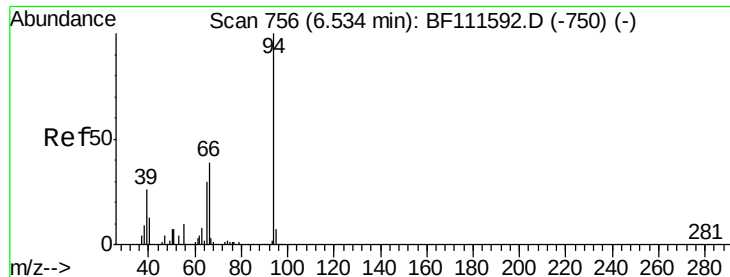


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.020 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampled :

OR-03-121718

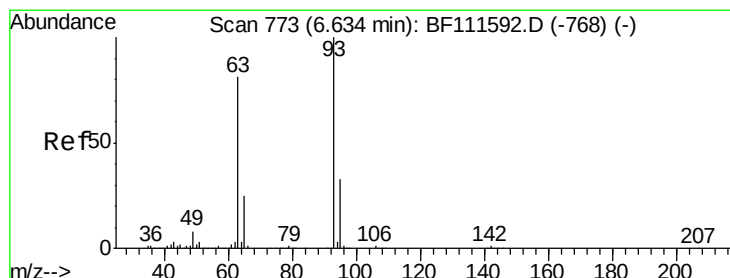
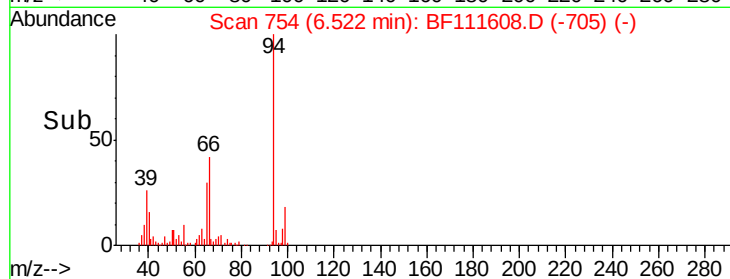
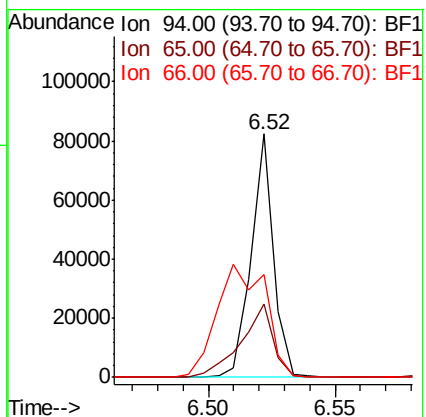
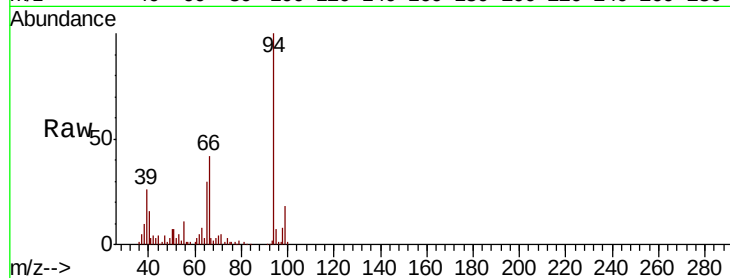
Tgt Ion: 94 Resp: 50466

Ion Ratio Lower Upper

94 100

65 30.3 11.7 51.7

66 42.4 21.0 61.0



#11

bis(2-Chloroethyl)ether

Concen: 0.065 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.02 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

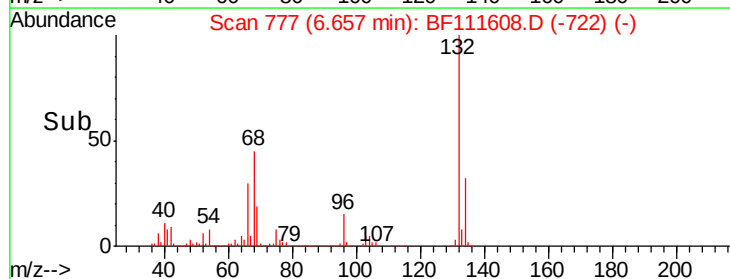
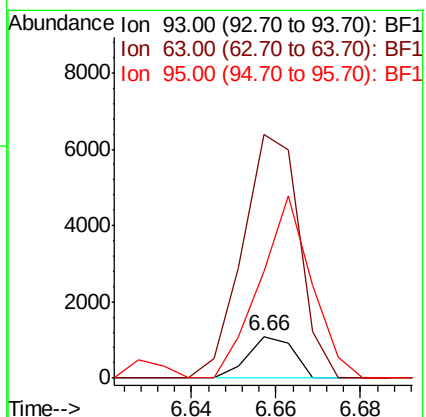
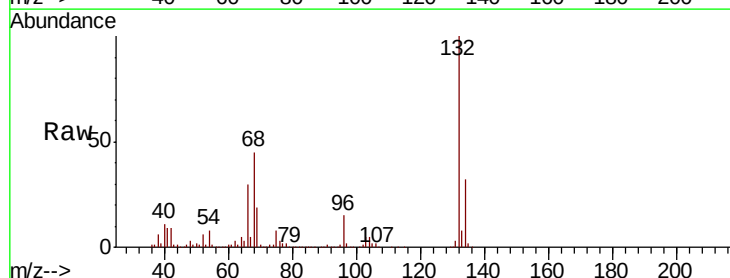
Tgt Ion: 93 Resp: 820

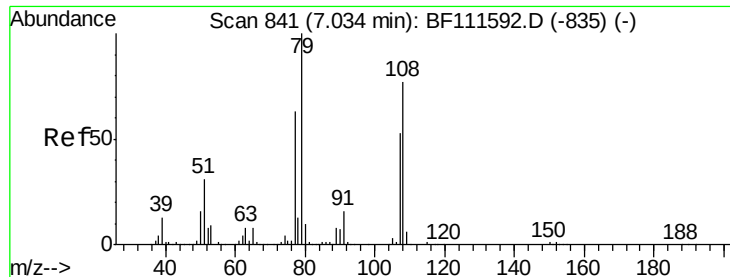
Ion Ratio Lower Upper

93 100

63 582.5 60.0 100.0#

95 256.3 13.4 53.4#





#15

Benzyl Alcohol

Concen: 0.580 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

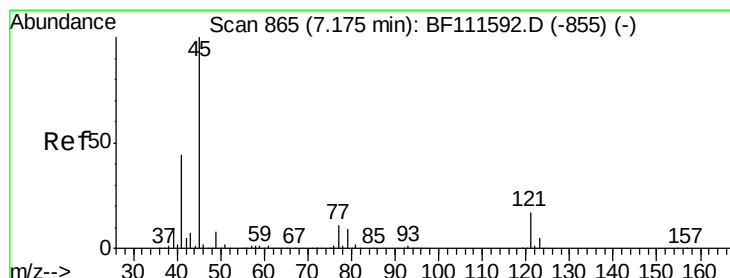
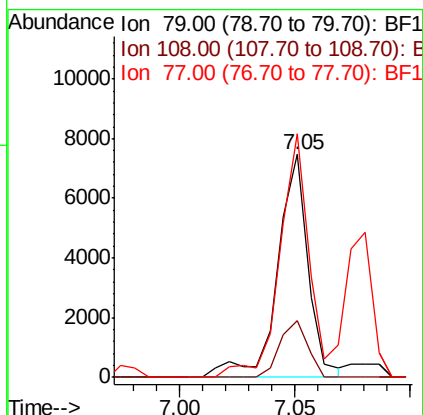
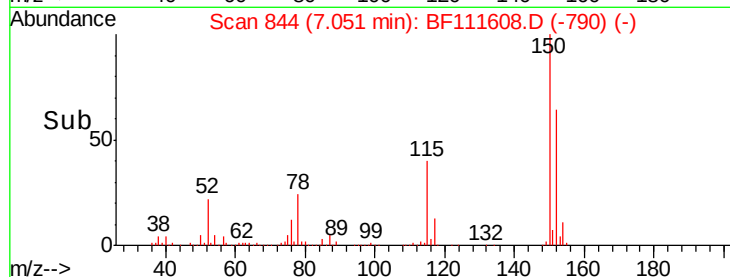
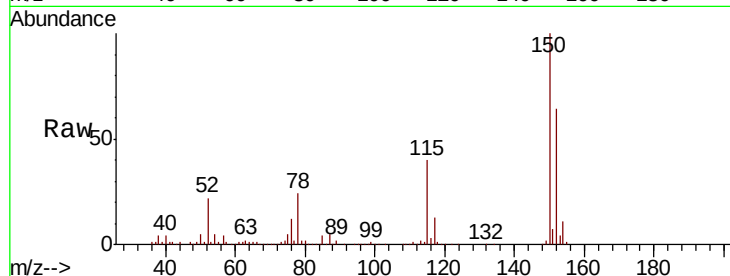
Tgt Ion: 79 Resp: 6827

Ion Ratio Lower Upper

79 100

108 25.7 69.4 104.2#

77 109.4 49.7 74.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.005 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.02 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

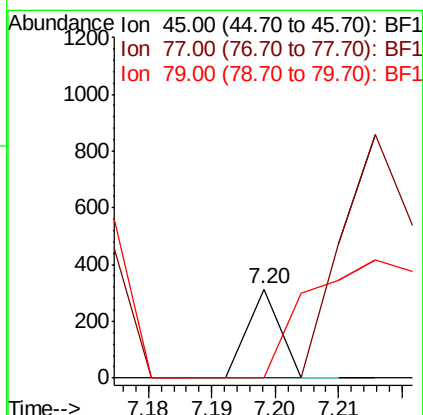
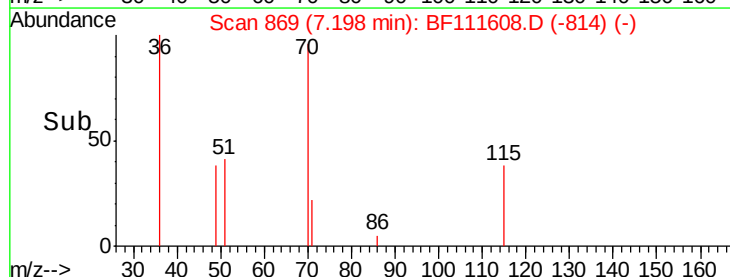
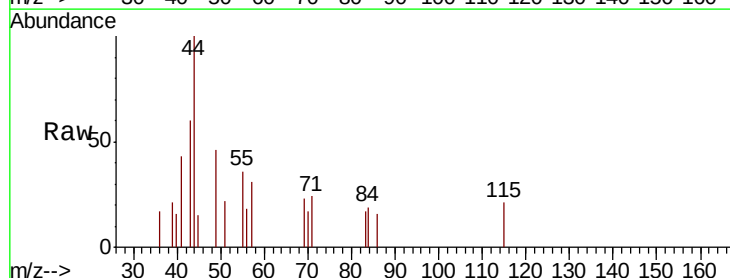
Tgt Ion: 45 Resp: 110

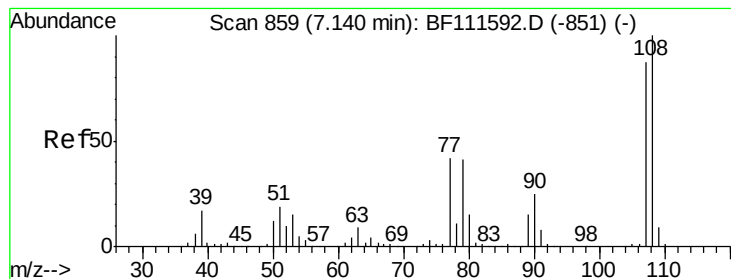
Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.5

79 0.0 0.0 28.9

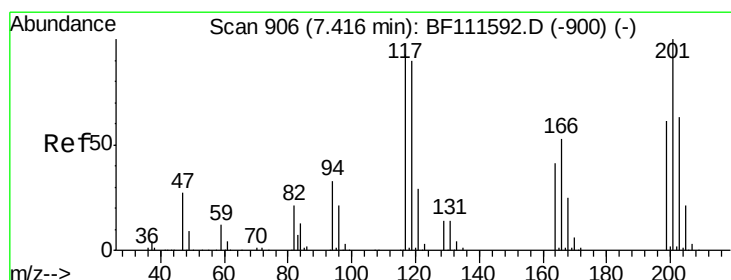
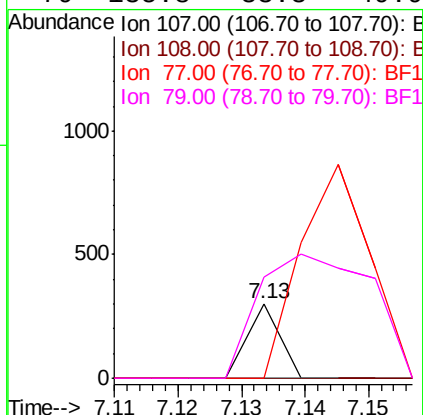
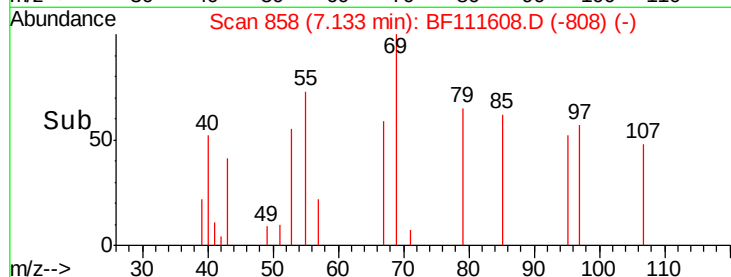
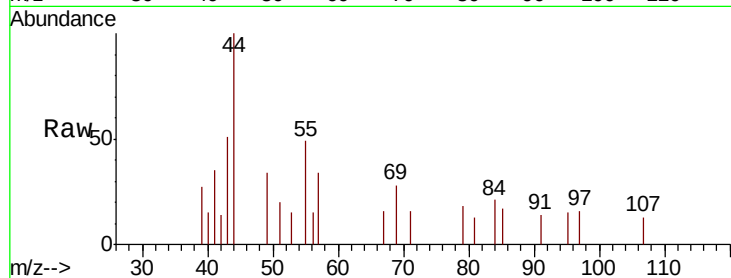




#17
2-Methylphenol
Concen: 0.010 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

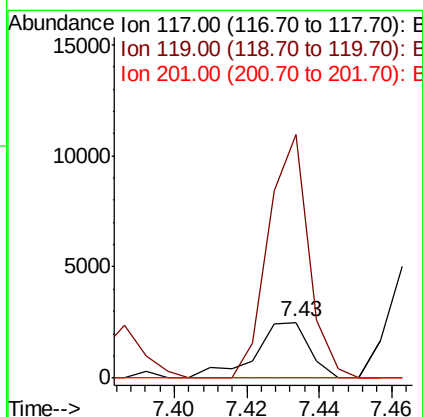
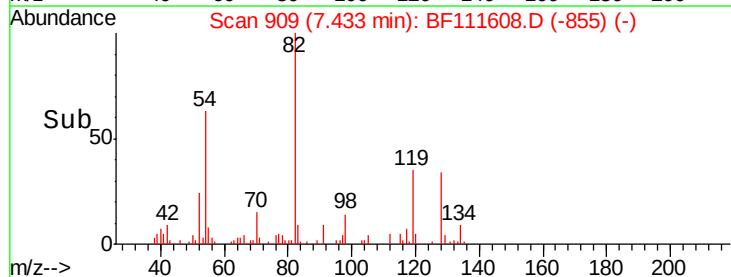
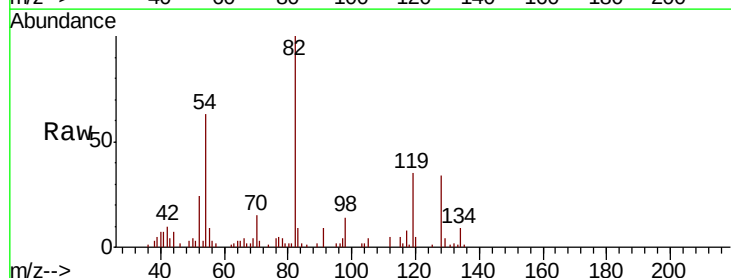
Instrument :
BNA_F
ClientSampleId :
OR-03-121718

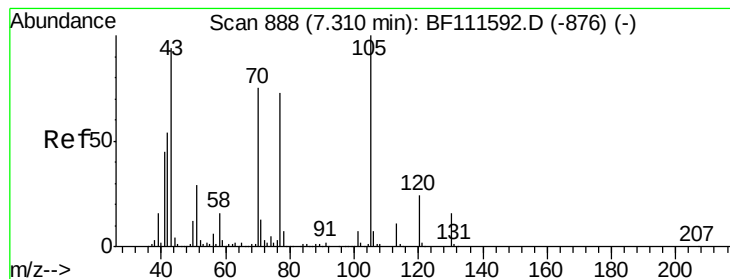
Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.0	136.4#
77	0.0	33.5	50.3#
79	135.8	33.3	49.9#



#18
Hexachloroethane
Concen: 0.509 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.02 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	437.2	75.4	113.0#
201	0.0	62.4	93.6#





#19

n-Nitroso-di-n-propylamine

Concen: 4.998 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

Tgt Ion: 70 Resp: 49160

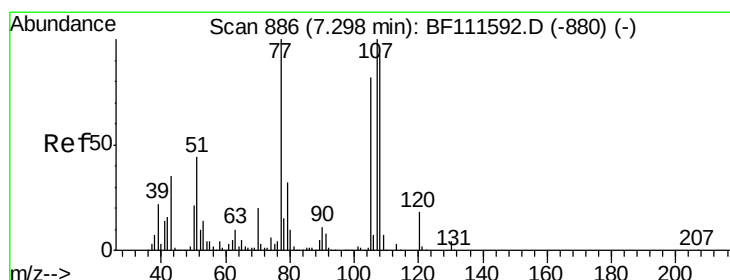
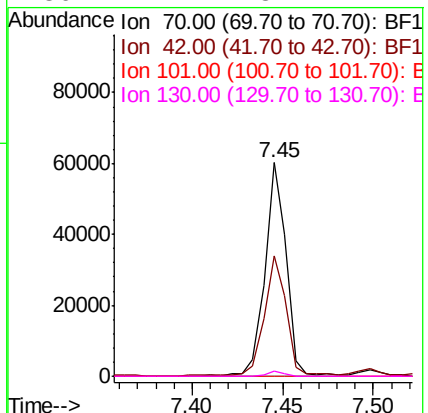
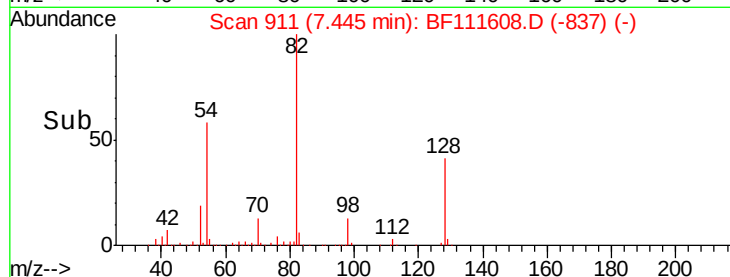
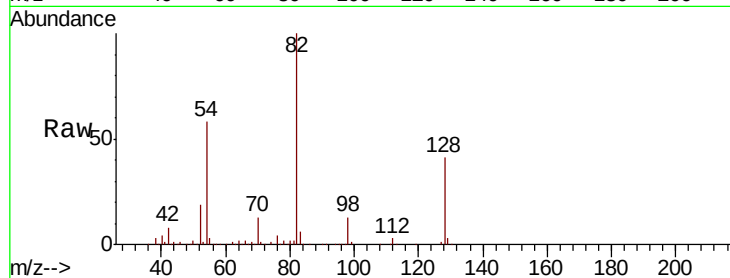
Ion Ratio Lower Upper

70 100

42 56.1 53.2 79.8

101 0.0 8.2 12.4#

130 2.2 18.1 27.1#



#20

3+4-Methylphenols

Concen: 0.044 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Tgt Ion:107 Resp: 580

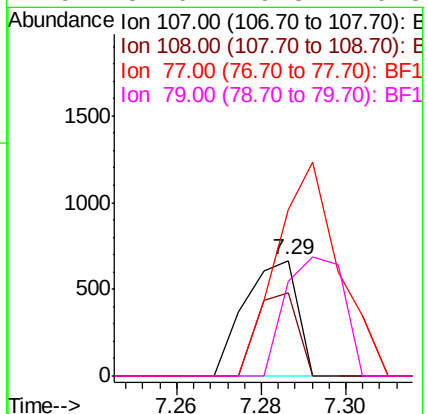
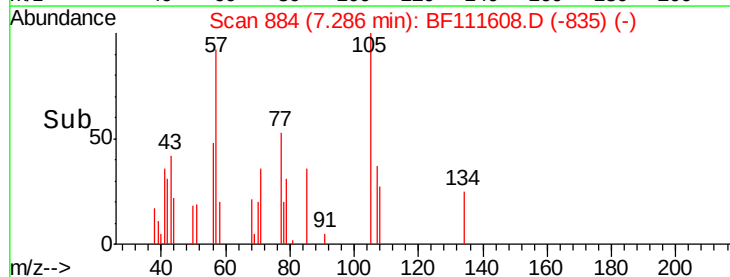
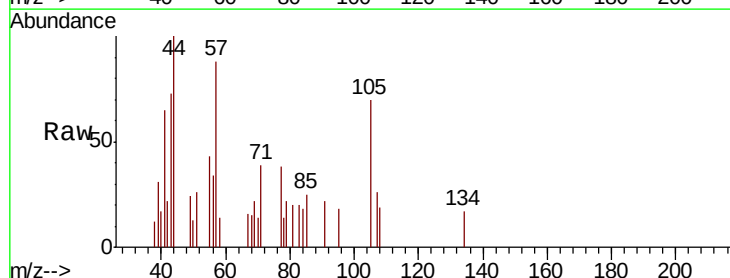
Ion Ratio Lower Upper

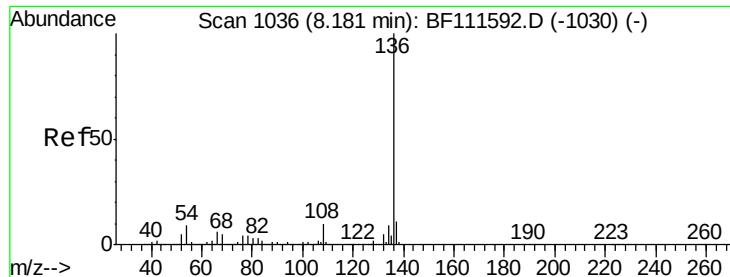
107 100

108 72.1 72.1 112.1#

77 144.1 94.1 134.1#

79 82.6 9.8 49.8#

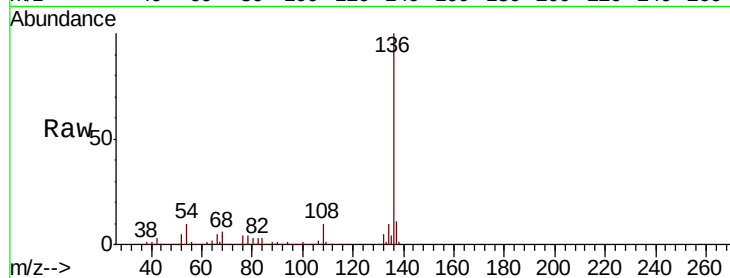




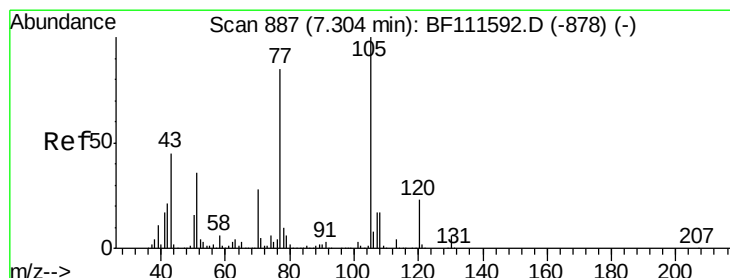
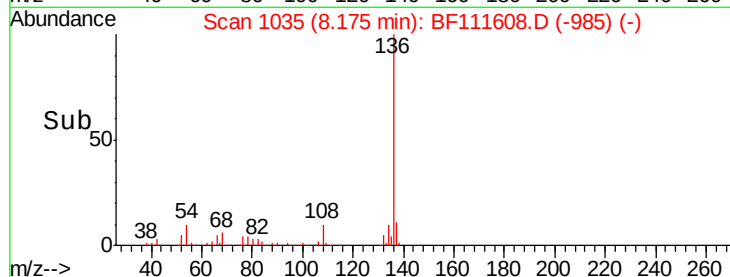
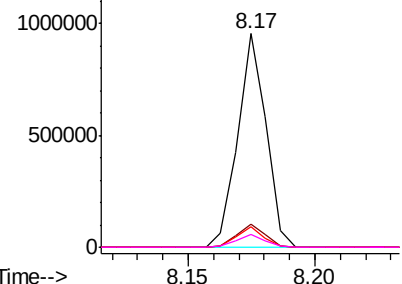
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OR-03-121718

Tgt Ion:	136	Resp:	743412
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.5	7.7	11.5
68	5.7	4.9	7.3

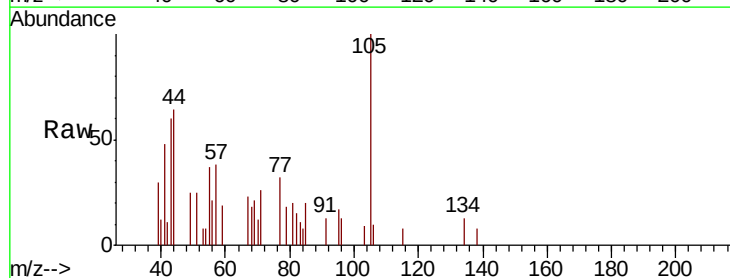


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

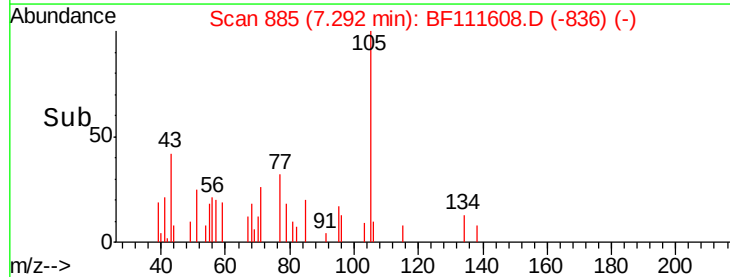
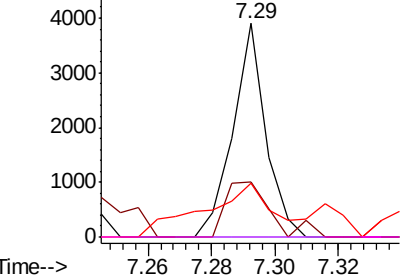


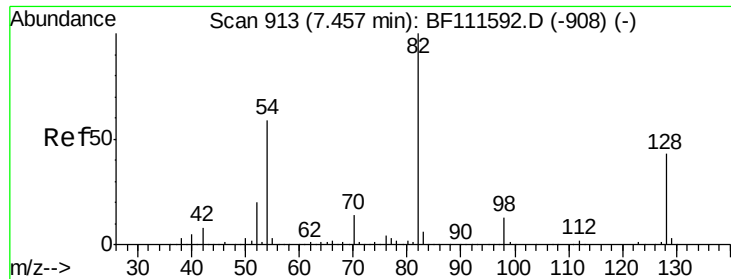
#22
Acetophenone
Concen: 0.148 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion:	105	Resp:	2794
Ion	Ratio	Lower	Upper
105	100		
71	25.6	3.1	4.7#
51	25.4	36.6	54.8#
120	0.0	18.2	27.4#



Abundance Ion 105.00 (104.70 to 105.70): E
6000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

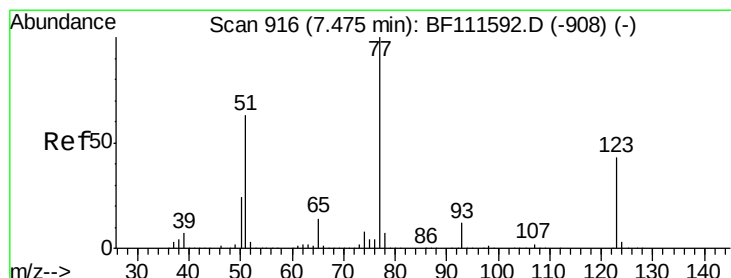
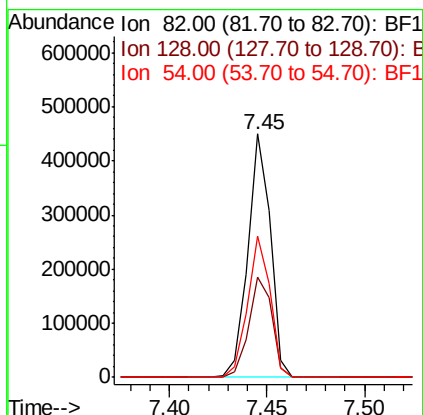
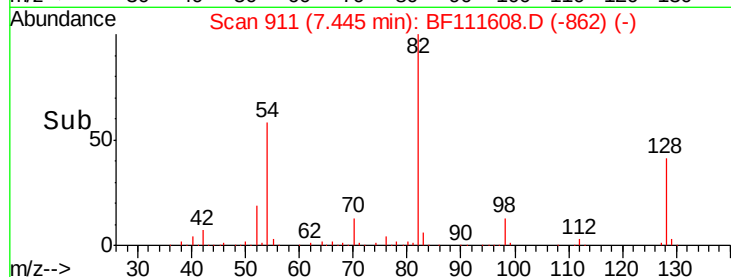
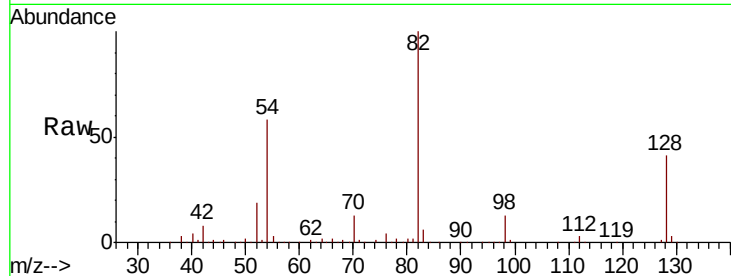




#23
 Nitrobenzene-d5
 Concen: 28.030 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

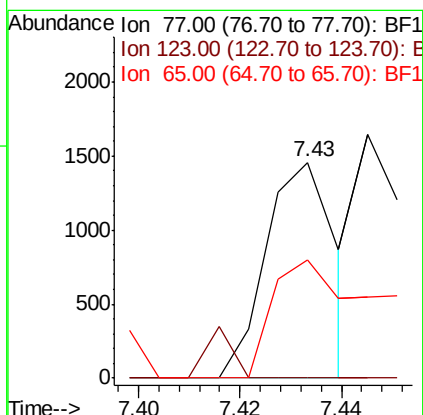
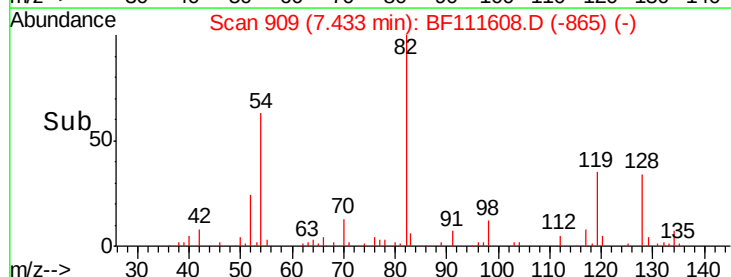
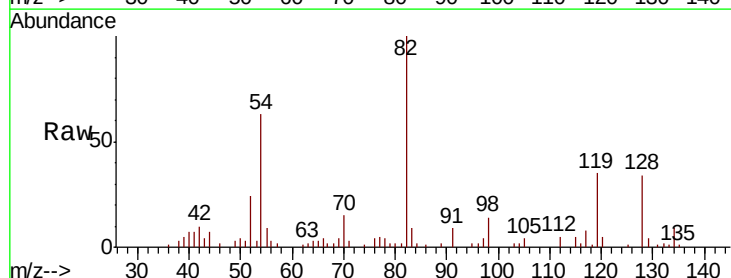
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121718

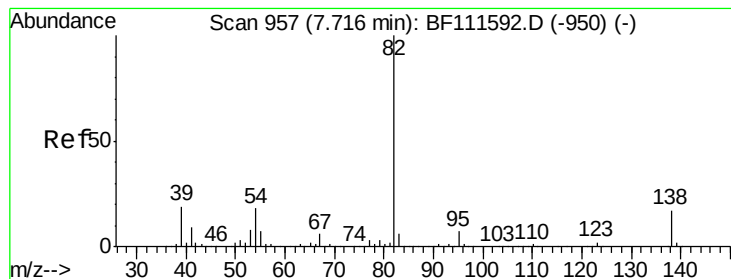
Tgt Ion: 82 Resp: 357991
 Ion Ratio Lower Upper
 82 100
 128 41.4 37.4 56.2
 54 57.9 47.6 71.4



#24
 Nitrobenzene
 Concen: 0.103 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.04 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

Tgt Ion: 77 Resp: 1382
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.2 55.8#
 65 54.5 11.5 17.3#





#25

Isophorone

Concen: 15.786 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

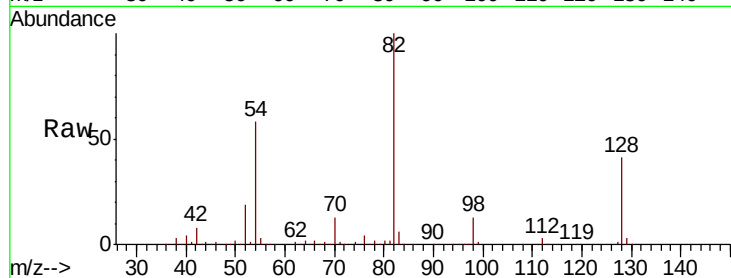
Tgt Ion: 82 Resp: 357911

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

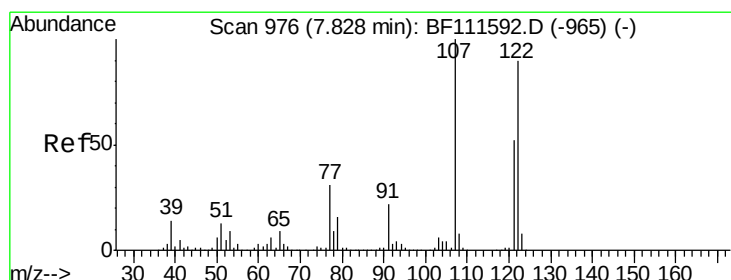
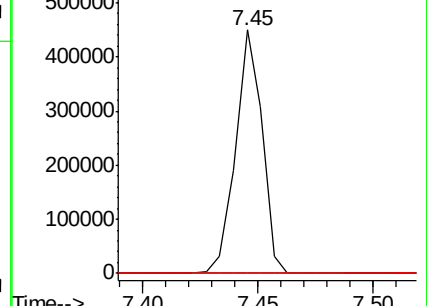
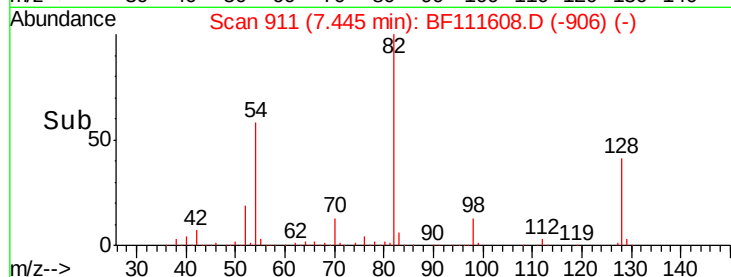
138 0.0 15.1 22.7#



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



#27

2,4-Dimethylphenol

Concen: 0.017 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

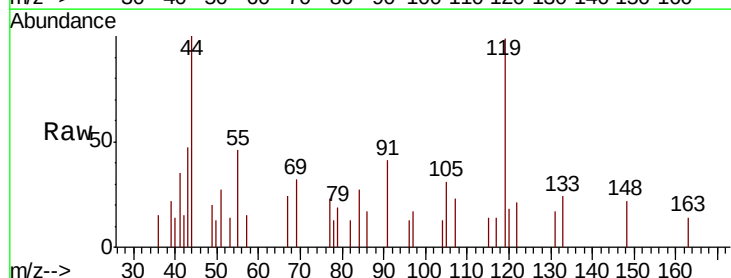
Tgt Ion: 122 Resp: 177

Ion Ratio Lower Upper

122 100

107 108.0 85.5 128.3

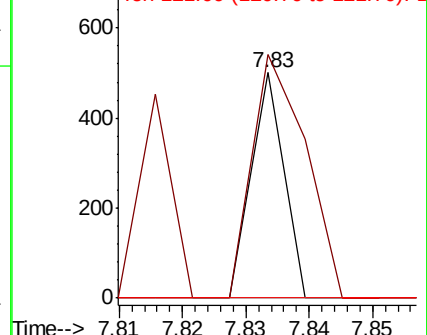
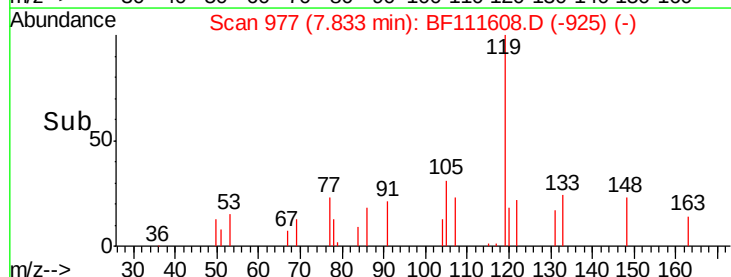
121 0.0 46.6 70.0#

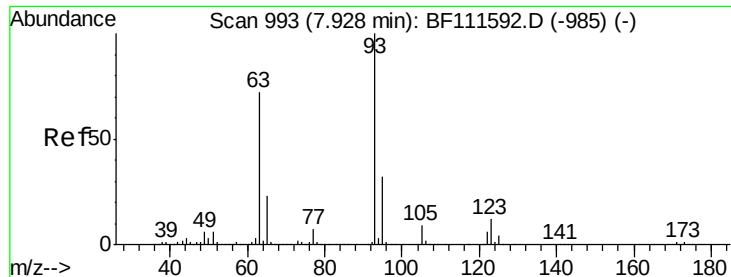


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

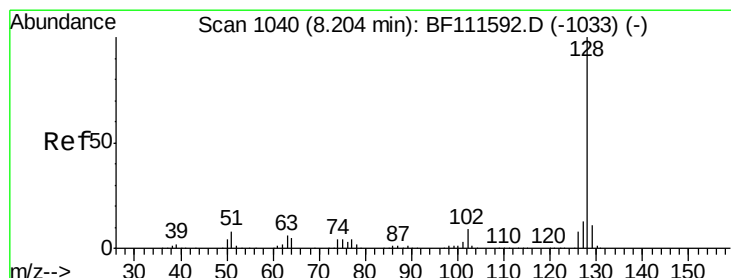
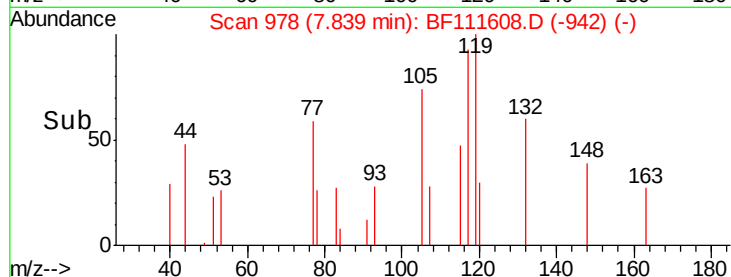
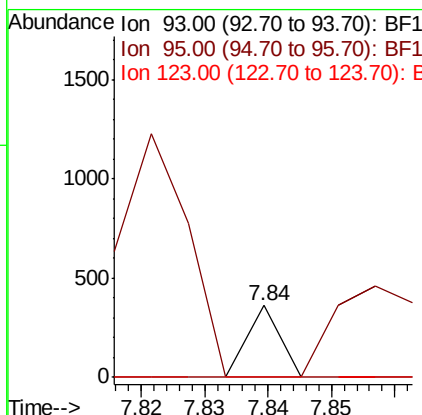
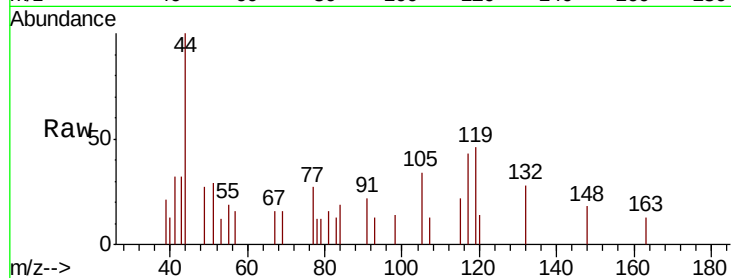




#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.09 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

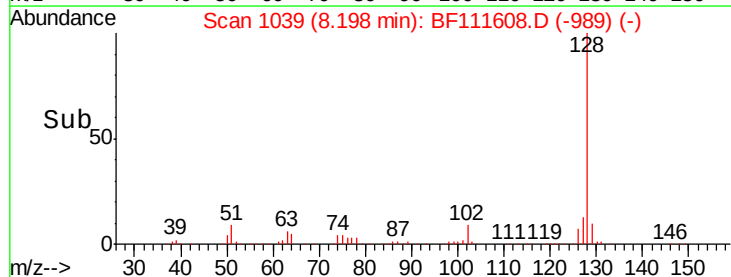
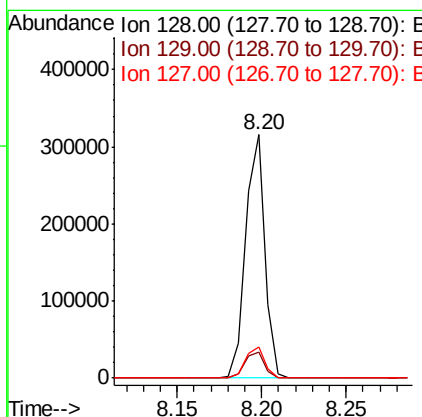
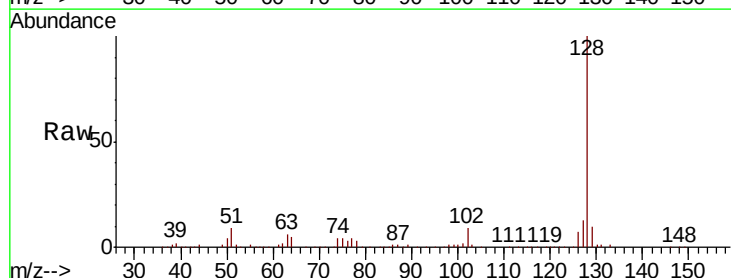
Instrument :
BNA_F
ClientSampleId :
OR-03-121718

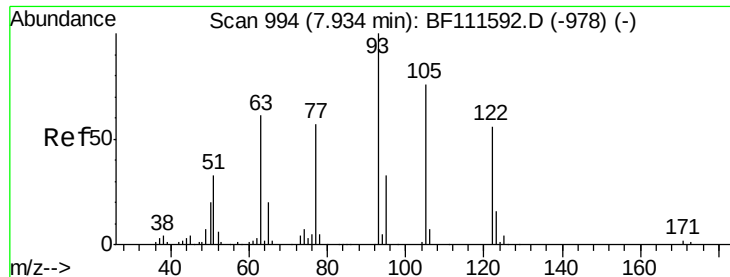
Tgt Ion: 93 Resp: 128
Ion Ratio Lower Upper
93 100
95 0.0 27.1 40.7#
123 0.0 9.9 14.9#



#31
Naphthalene
Concen: 7.019 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion: 128 Resp: 250706
Ion Ratio Lower Upper
128 100
129 10.4 9.8 14.8
127 12.8 12.0 18.0





#32

Benzoic acid

Concen: 0.041 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

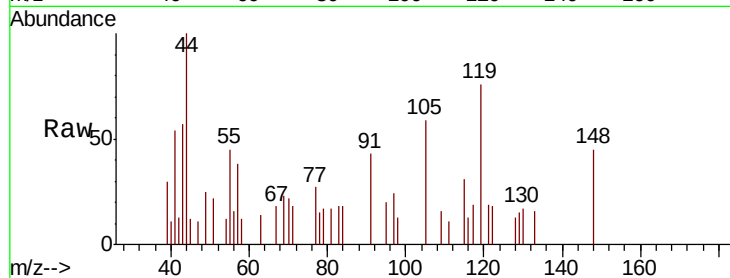
Tgt Ion:122 Resp: 293

Ion Ratio Lower Upper

122 100

105 323.0 97.0 137.0#

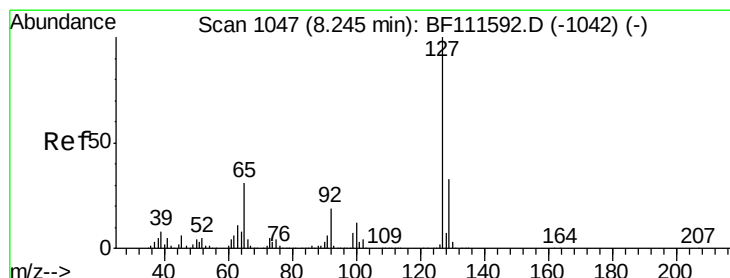
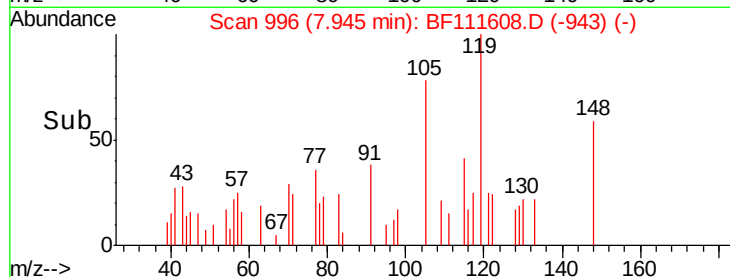
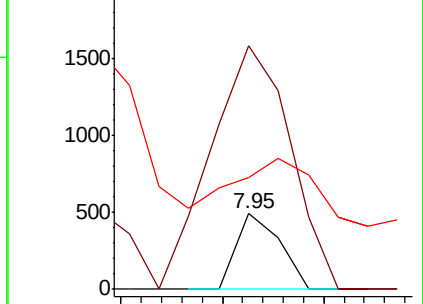
77 147.5 65.7 105.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 2.088 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Tgt Ion:127 Resp: 32242

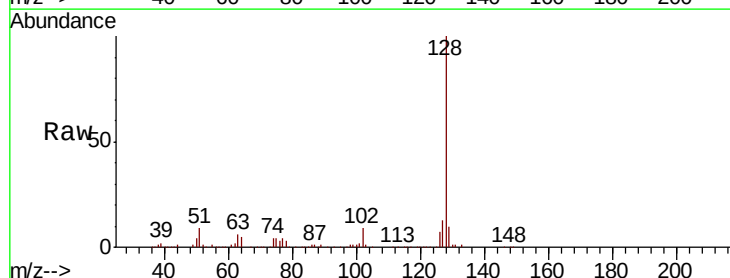
Ion Ratio Lower Upper

127 100

129 81.2 26.6 39.8#

65 0.0 25.7 38.5#

92 0.0 15.4 23.2#

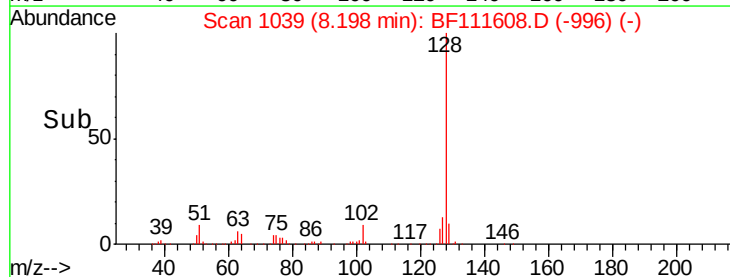
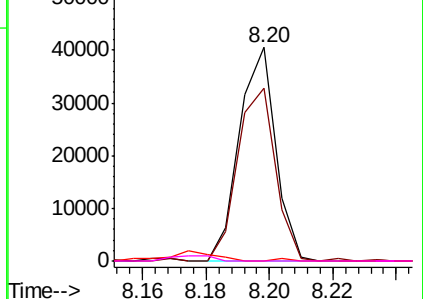


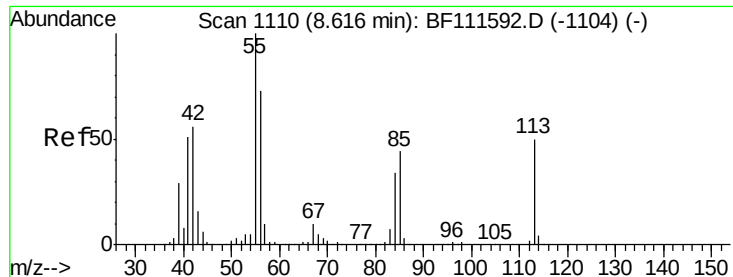
Abundance Ion 127.00 (126.70 to 127.70): E

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

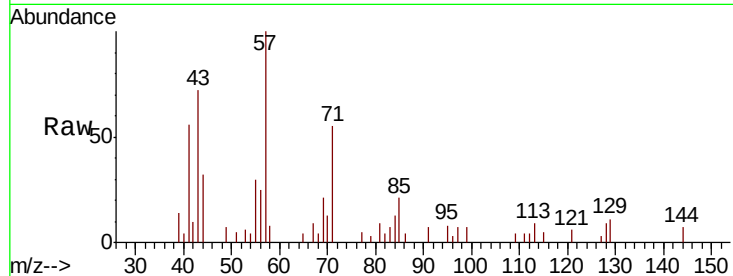




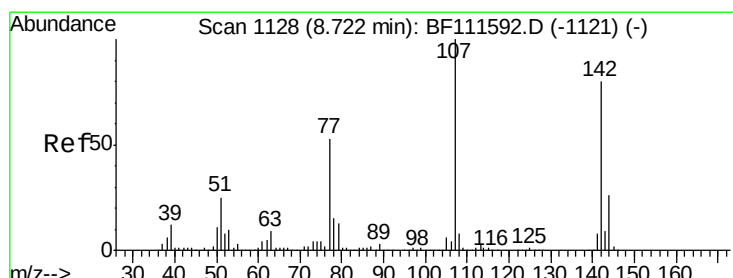
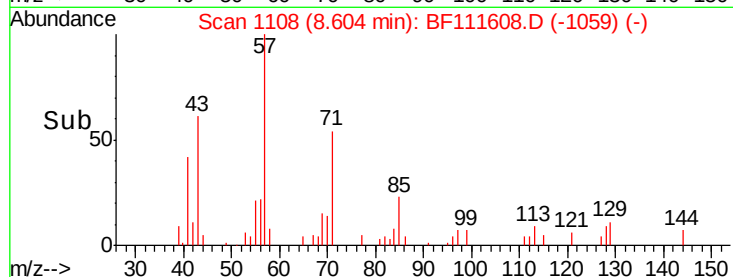
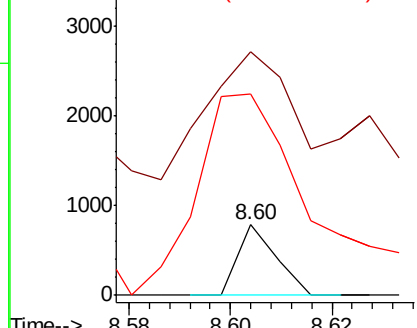
#35
 Caprolactam
 Concen: 0.105 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121718

Tgt Ion:113 Resp: 409
 Ion Ratio Lower Upper
 113 100
 55 346.7 184.1 224.1#
 56 286.7 126.0 166.0#

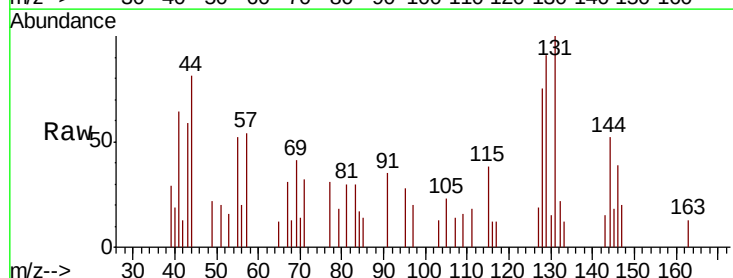


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

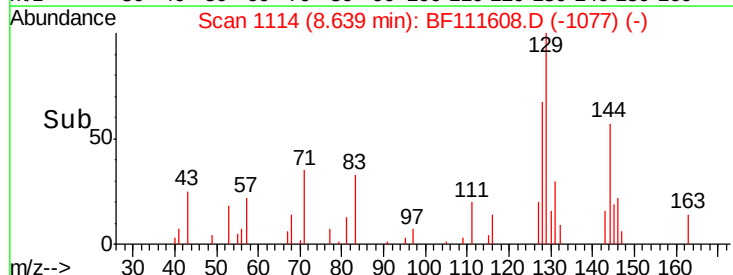
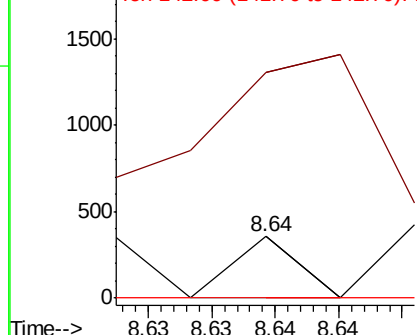


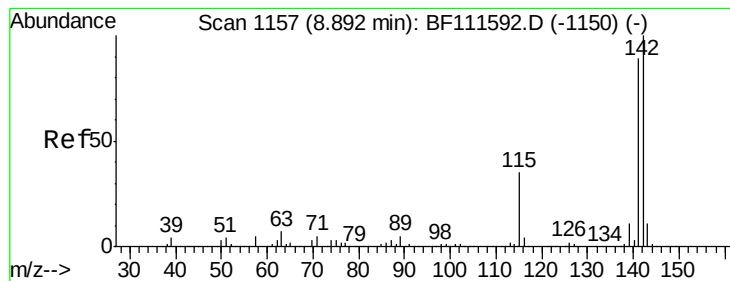
#36
 4-Chloro-3-methylphenol
 Concen: 0.011 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.08 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

Tgt Ion:107 Resp: 126
 Ion Ratio Lower Upper
 107 100
 144 365.8 19.8 29.6#
 142 0.0 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: 10.678 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

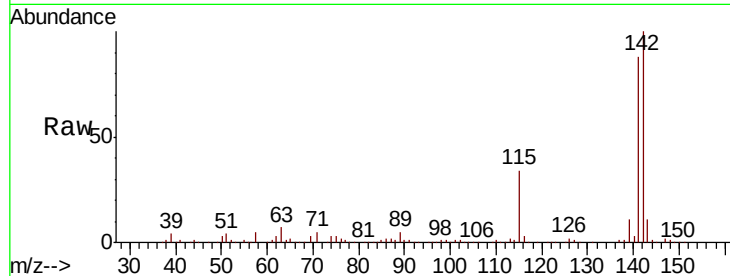
Tgt Ion:142 Resp: 248141

Ion Ratio Lower Upper

142 100

141 88.2 70.6 105.8

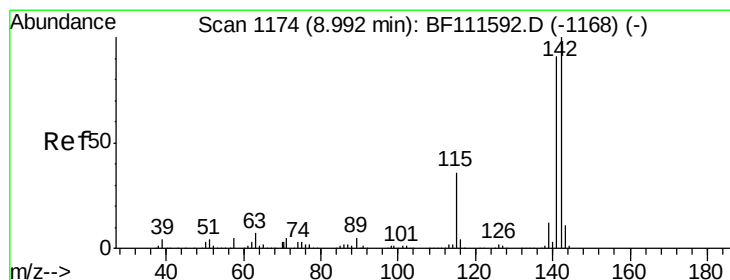
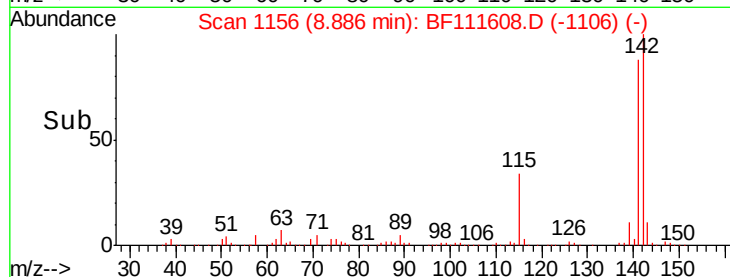
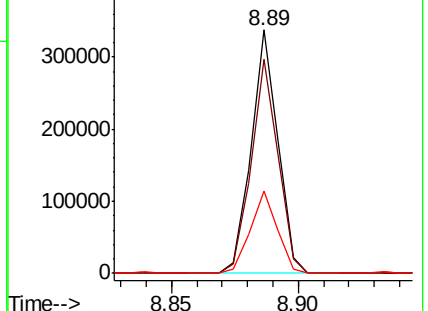
115 34.0 27.0 40.6



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: 9.124 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

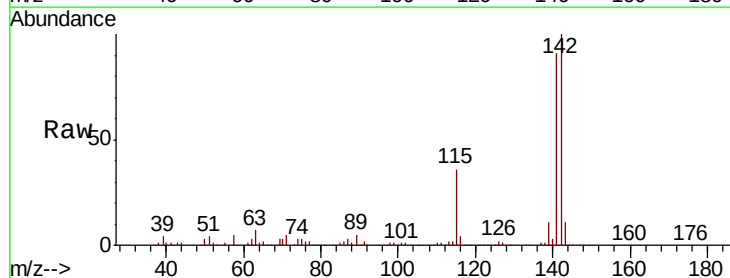
Tgt Ion:142 Resp: 203634

Ion Ratio Lower Upper

142 100

141 90.7 74.2 111.4

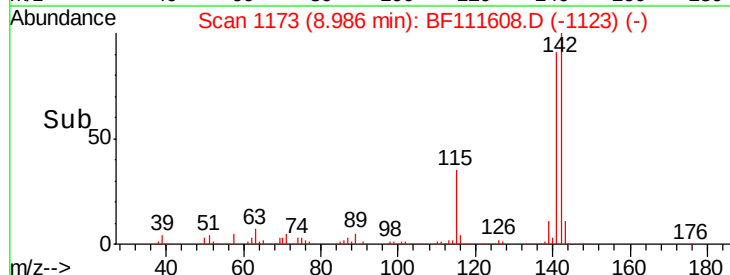
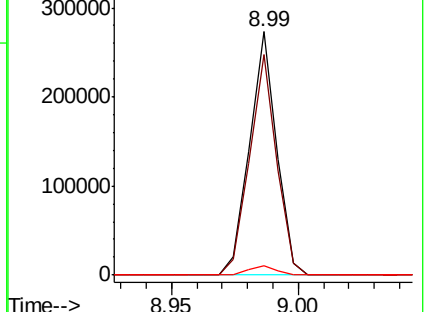
116 3.9 2.9 4.3

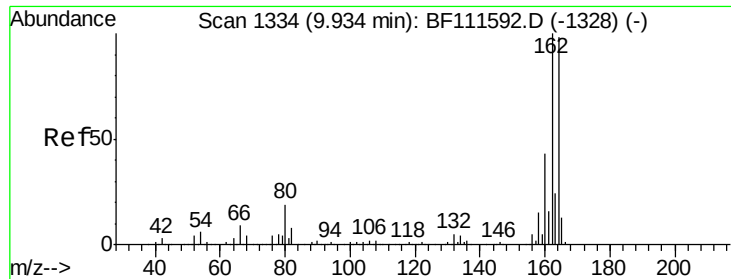


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

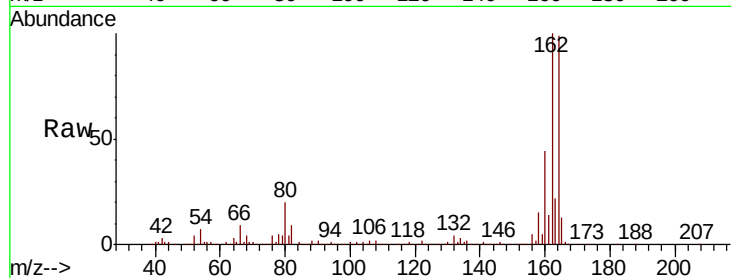




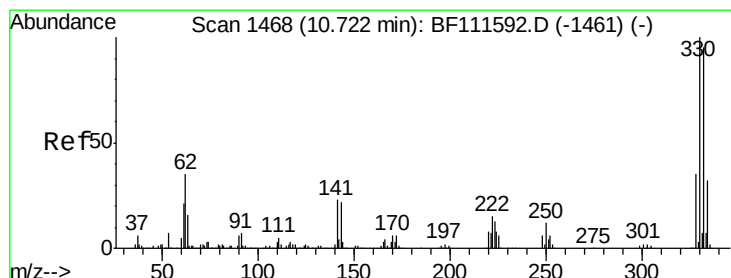
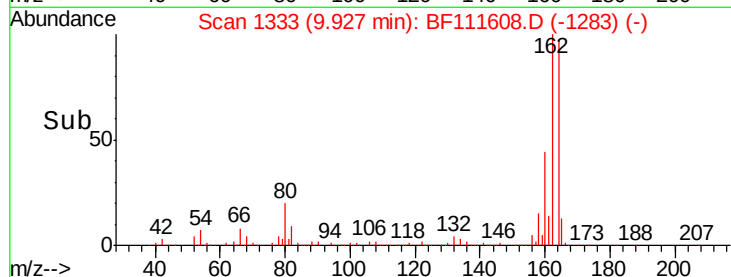
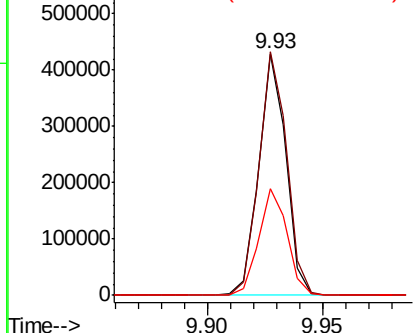
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121718

Tgt Ion:164 Resp: 351179
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.4 122.0
 160 44.1 35.7 53.5

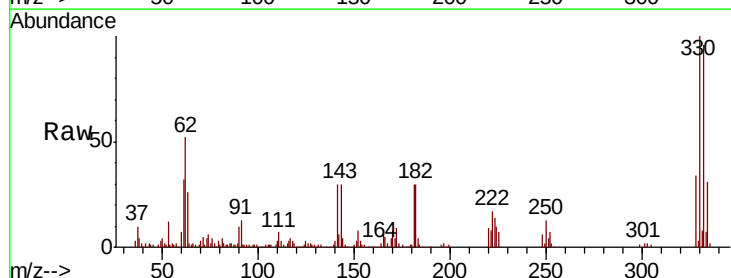


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

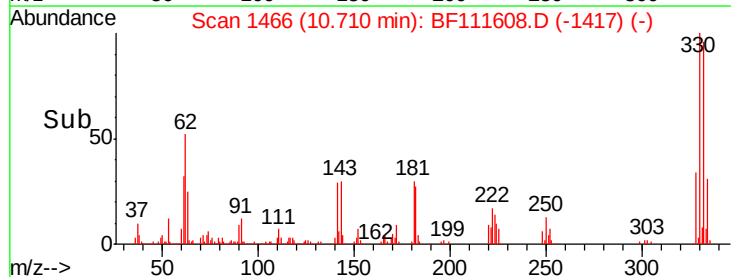
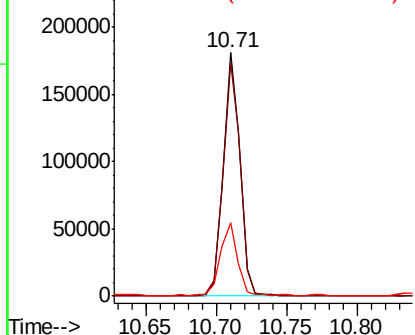


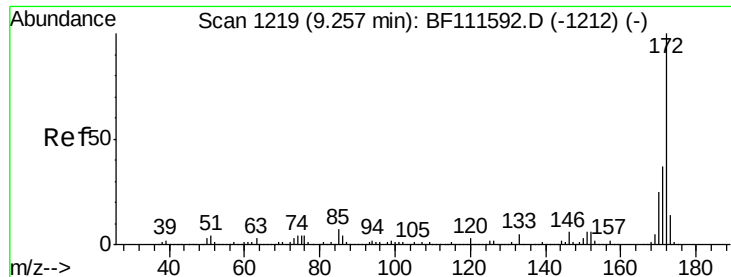
#42
 2,4,6-Tribromophenol
 Concen: 35.845 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

Tgt Ion:330 Resp: 148735
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.0 114.0
 141 30.3 31.0 46.6#



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

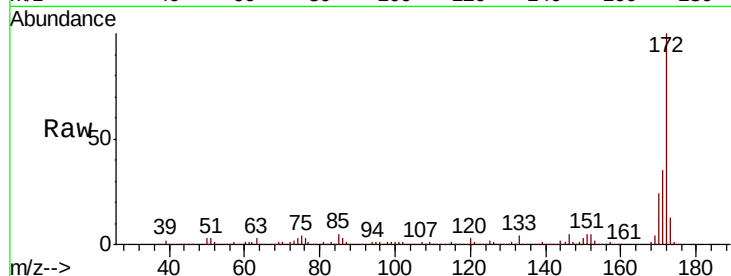




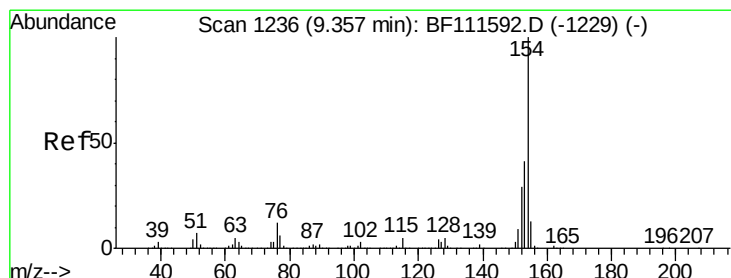
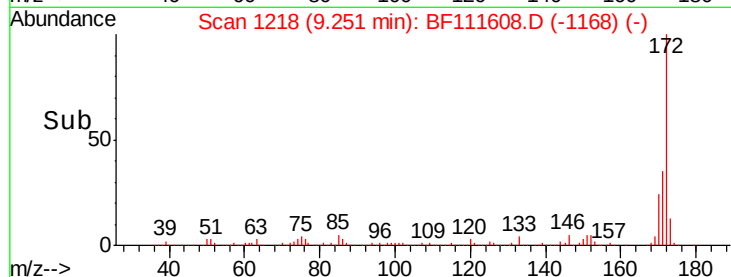
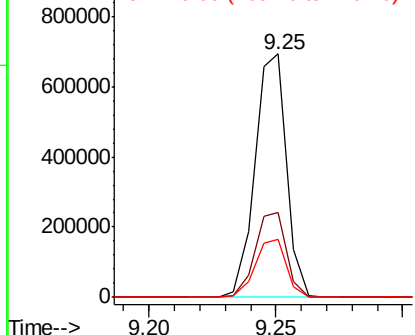
#45
2-Fluorobiphenyl
Concen: 24.849 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OR-03-121718

Tgt Ion:172 Resp: 598701
Ion Ratio Lower Upper
172 100
171 34.9 33.0 49.4
170 23.8 22.3 33.5

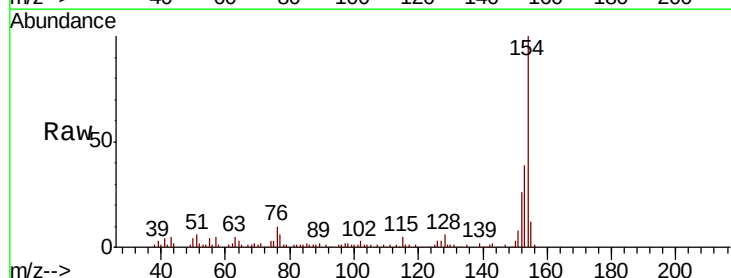


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

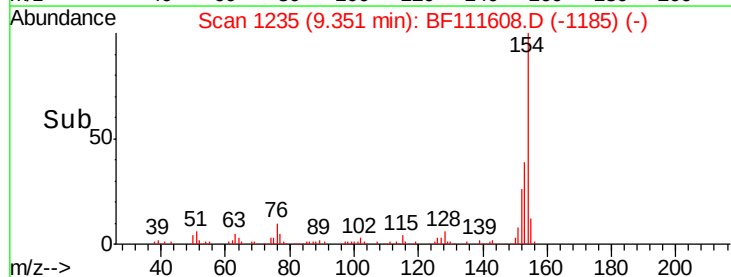
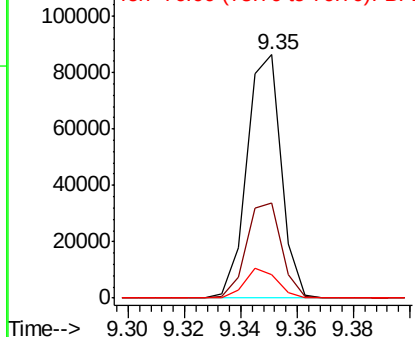


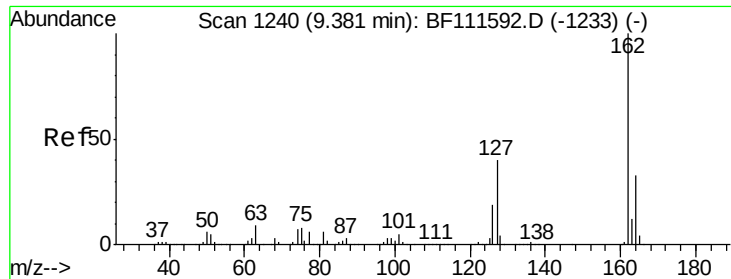
#46
1,1'-Biphenyl
Concen: 2.442 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion:154 Resp: 72393
Ion Ratio Lower Upper
154 100
153 39.0 23.7 63.7
76 9.7 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

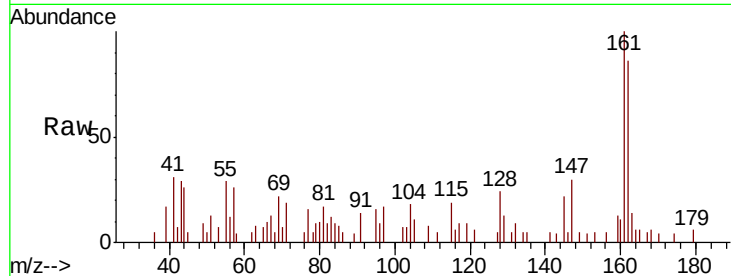




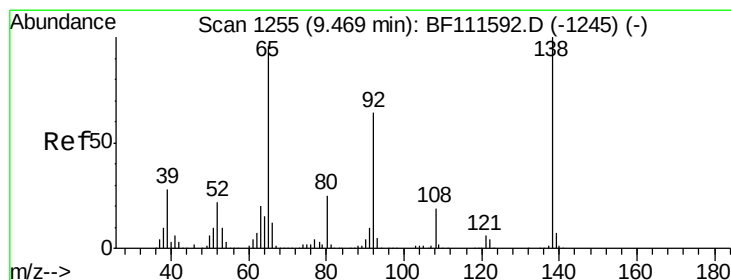
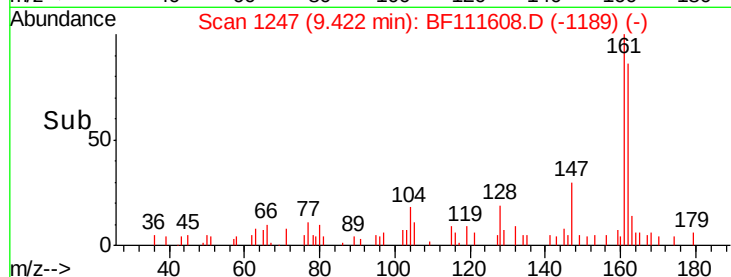
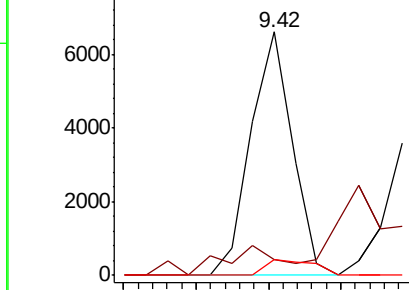
#47
2-Chloronaphthalene
Concen: 0.224 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.04 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OR-03-121718

Tgt Ion: 162 Resp: 5260
Ion Ratio Lower Upper
162 100
127 6.4 35.0 52.4#
164 6.6 28.4 42.6#

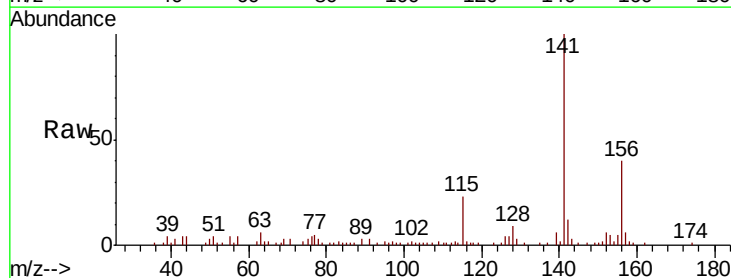


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

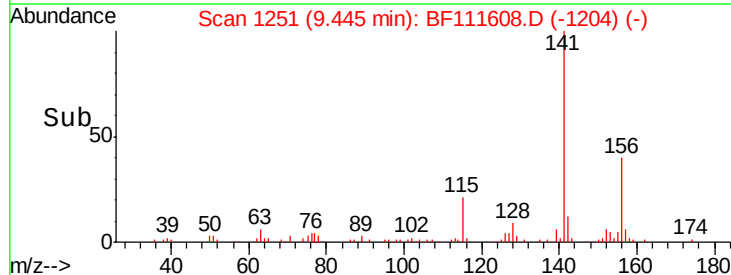
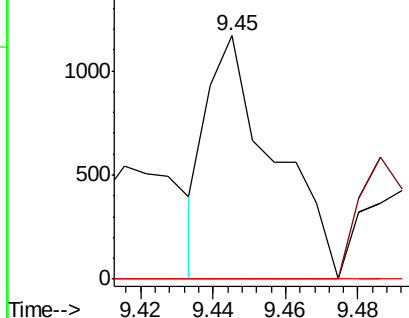


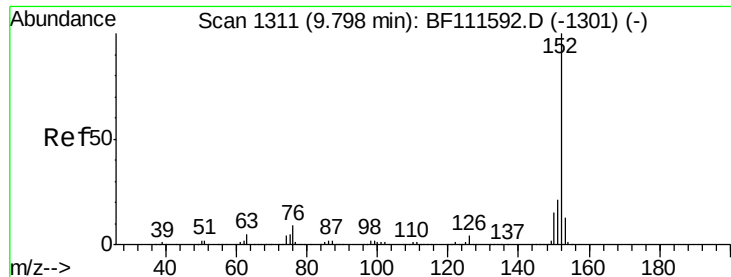
#48
2-Nitroaniline
Concen: 0.246 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion: 65 Resp: 1501
Ion Ratio Lower Upper
65 100
92 0.0 53.5 80.3#
138 0.0 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: 1.648 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

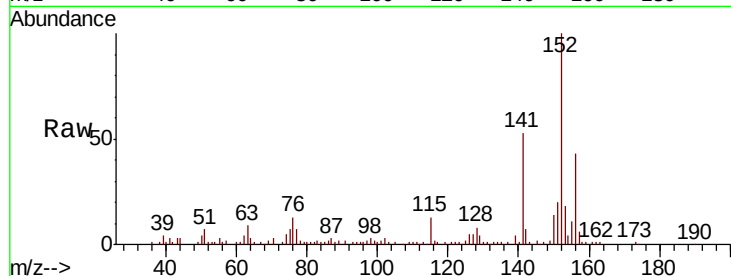
Tgt Ion:152 Resp: 56520

Ion Ratio Lower Upper

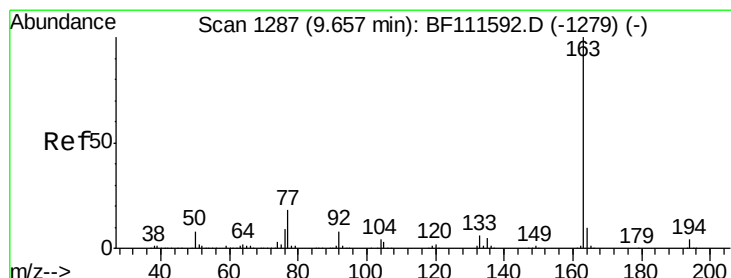
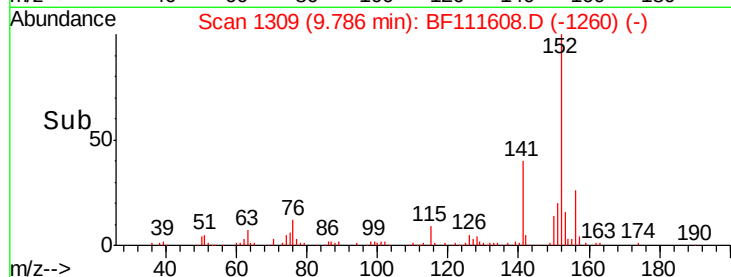
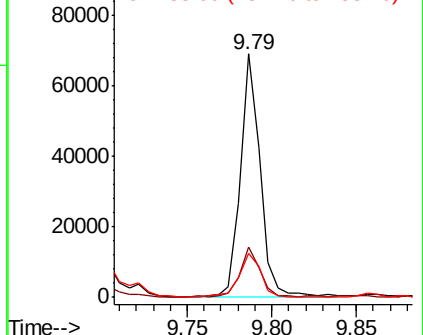
152 100

151 20.4 18.0 27.0

153 18.1 12.3 18.5



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



#50

Dimethylphthalate

Concen: 5.255 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

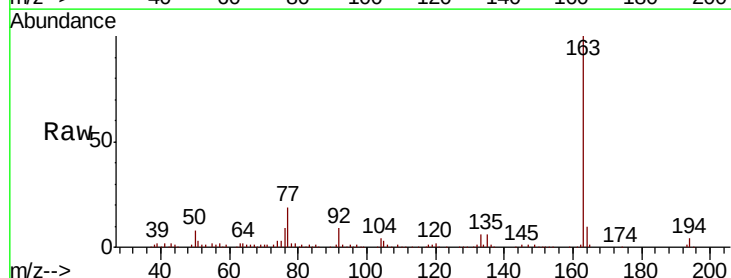
Tgt Ion:163 Resp: 134949

Ion Ratio Lower Upper

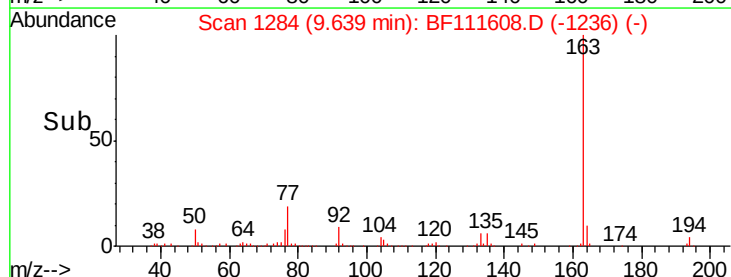
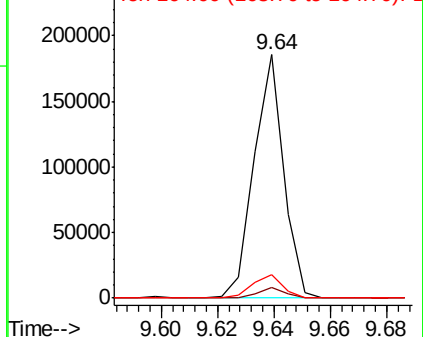
163 100

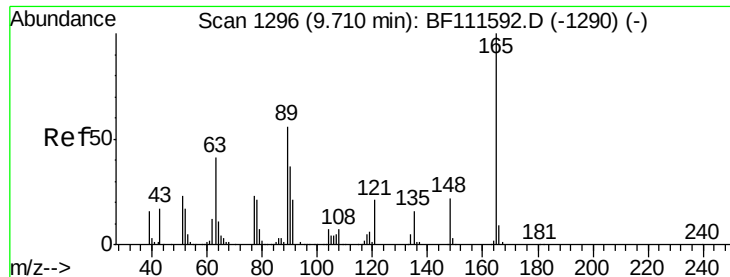
194 4.2 3.0 4.6

164 9.6 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: 0.597 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.07 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

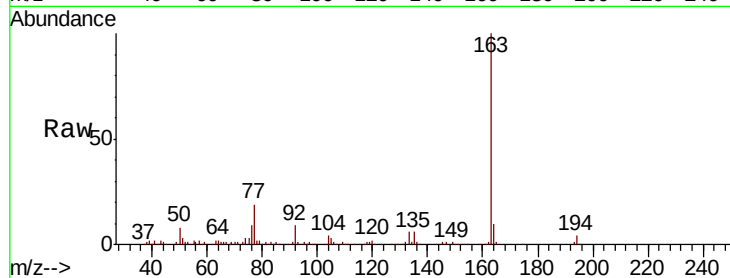
Tgt Ion:165 Resp: 3059

Ion Ratio Lower Upper

165 100

63 140.9 40.5 60.7#

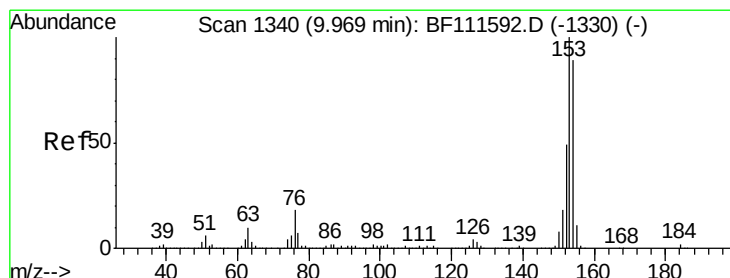
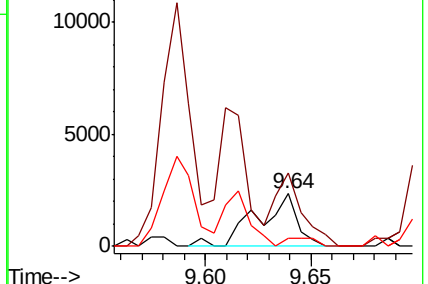
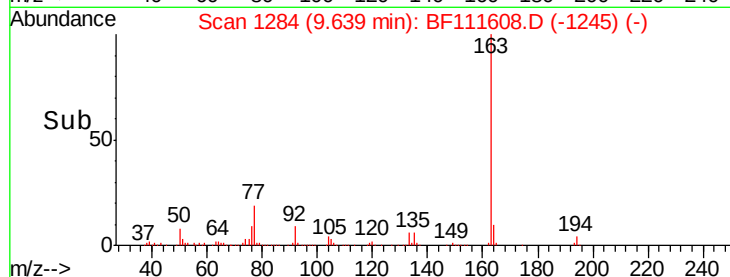
89 15.2 40.0 60.0#



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: 14.096 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

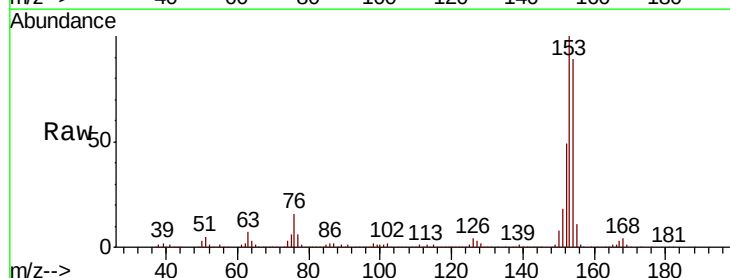
Tgt Ion:154 Resp: 298128

Ion Ratio Lower Upper

154 100

153 112.2 87.8 131.8

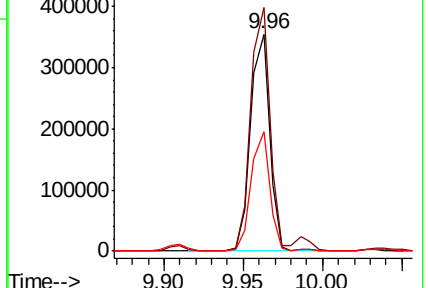
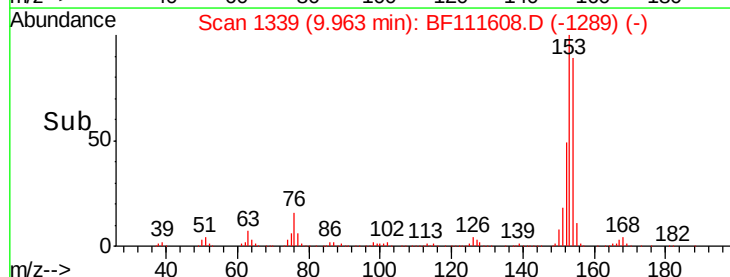
152 55.0 43.4 65.2

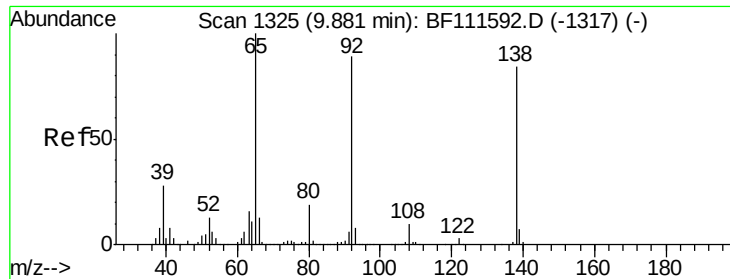


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

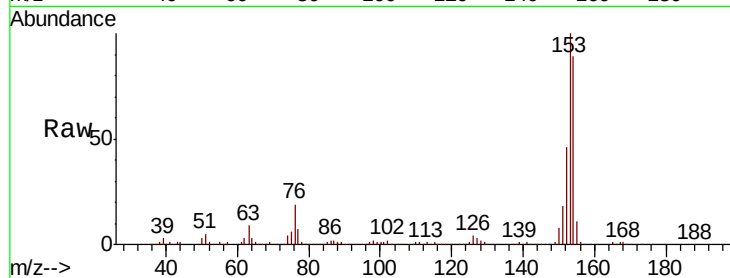




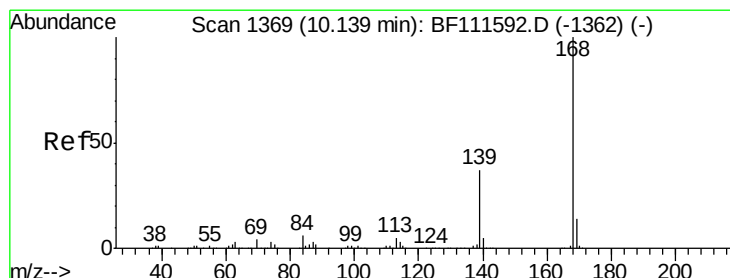
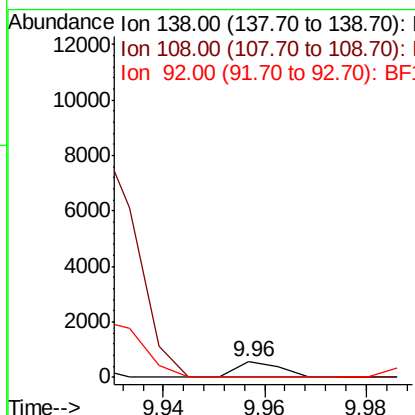
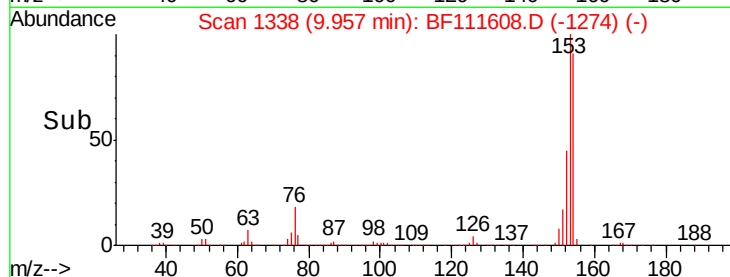
#53
3-Nitroaniline
Concen: 0.061 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.08 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OR-03-121718

Tgt Ion:138 Resp: 334
Ion Ratio Lower Upper
138 100
108 0.0 8.2 12.4#
92 0.0 93.4 140.2#

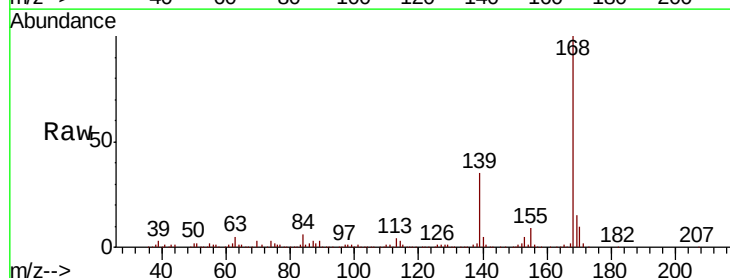


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

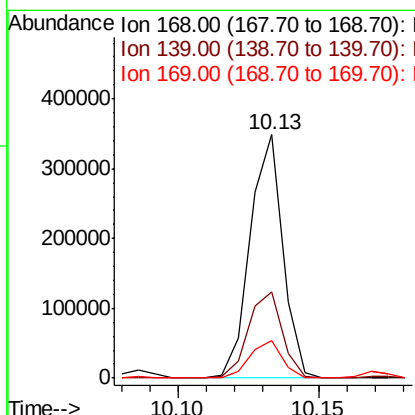
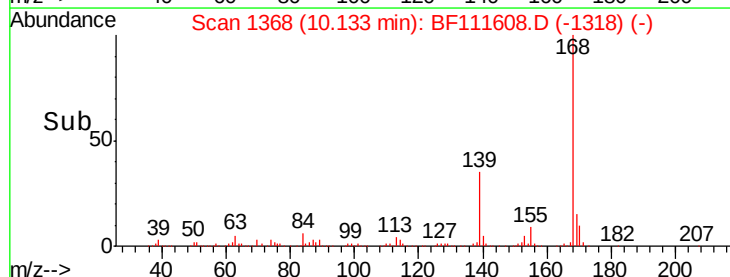


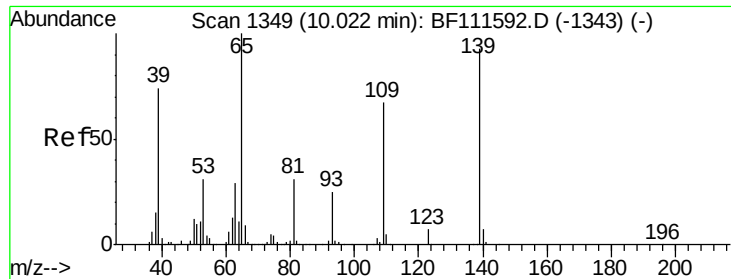
#55
Dibenzofuran
Concen: 8.730 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion:168 Resp: 278973
Ion Ratio Lower Upper
168 100
139 35.4 32.6 49.0
169 15.3 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

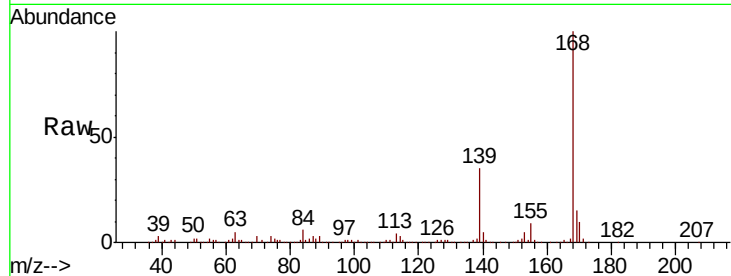




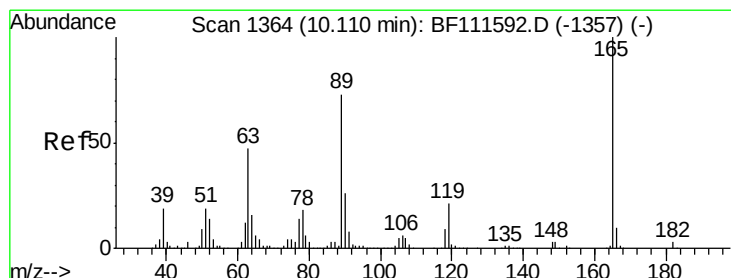
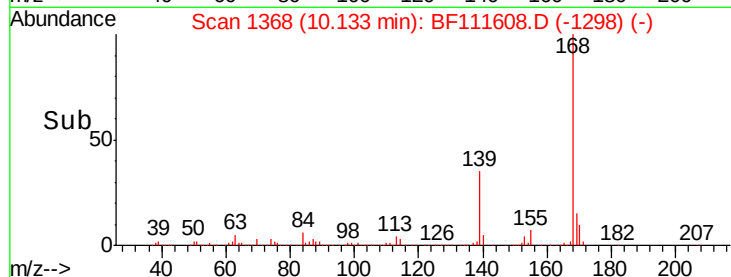
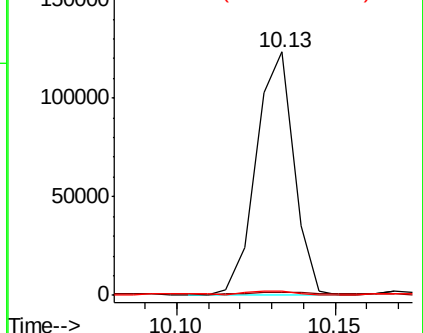
#56
4-Nitrophenol
Concen: 24.598 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.11 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OR-03-121718

Tgt Ion:139 Resp: 102517
Ion Ratio Lower Upper
139 100
109 1.1 41.8 81.8#
65 2.0 79.6 119.6#

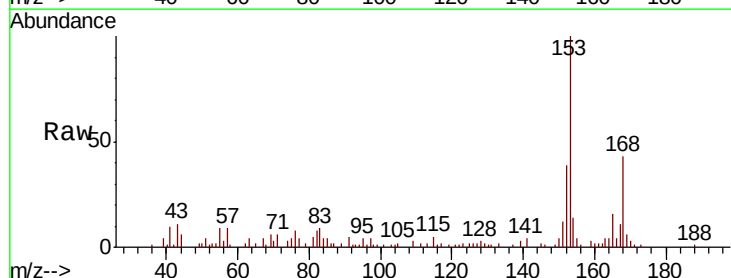


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

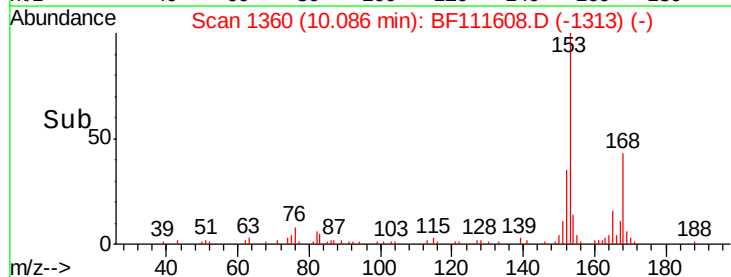
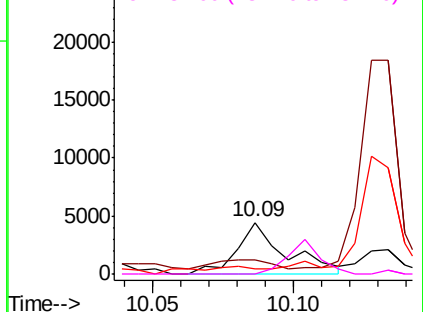


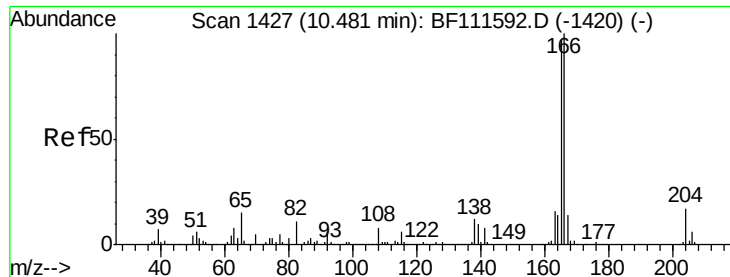
#57
2,4-Dinitrotoluene
Concen: 0.861 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion:165 Resp: 5298
Ion Ratio Lower Upper
165 100
63 27.7 34.6 52.0#
89 9.8 56.2 84.4#
182 0.0 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: 17.862 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

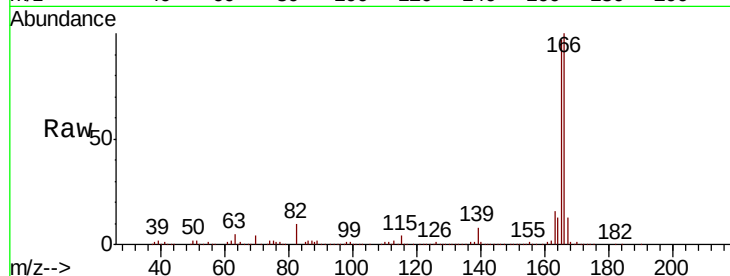
Tgt Ion:166 Resp: 411290

Ion Ratio Lower Upper

166 100

165 97.2 78.4 117.6

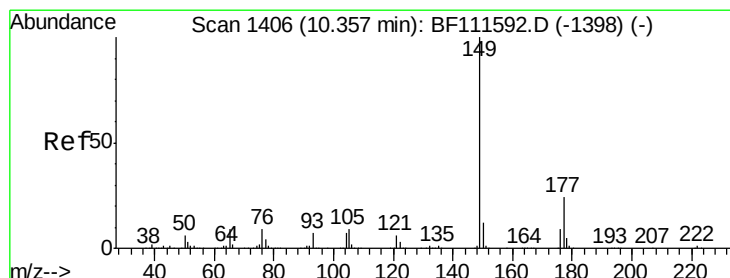
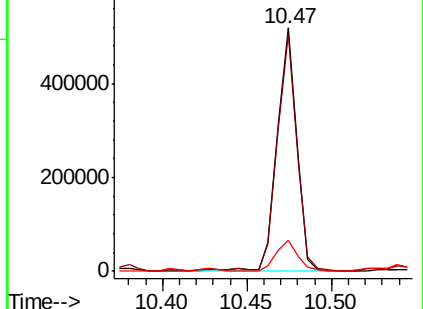
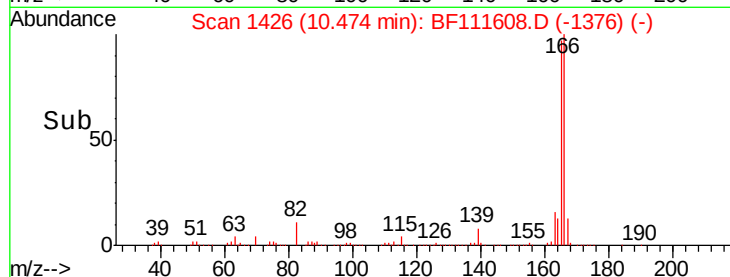
167 12.9 11.2 16.8



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



#60

Diethylphthalate

Concen: 0.059 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

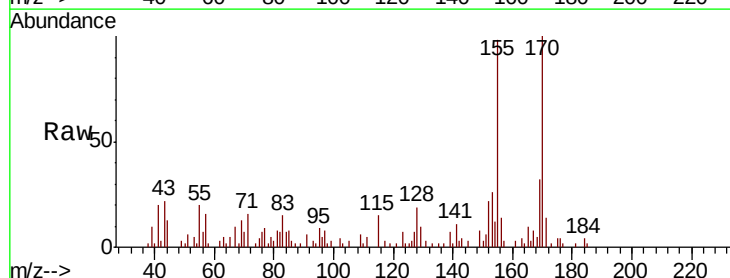
Tgt Ion:149 Resp: 1494

Ion Ratio Lower Upper

149 100

177 26.6 18.3 27.5

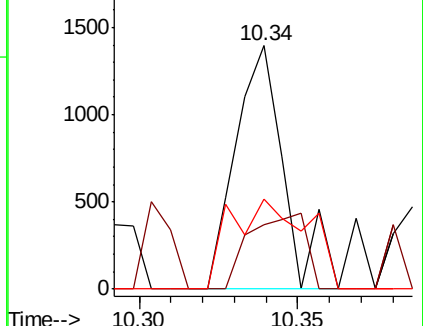
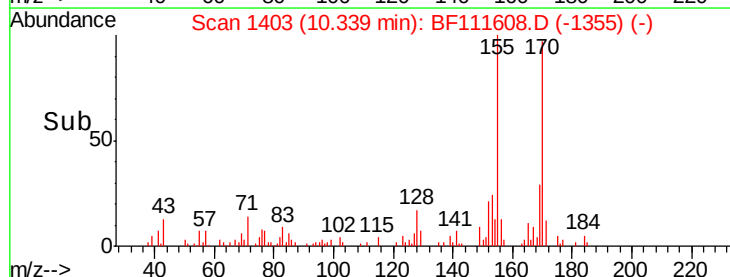
150 36.8 10.6 15.8#

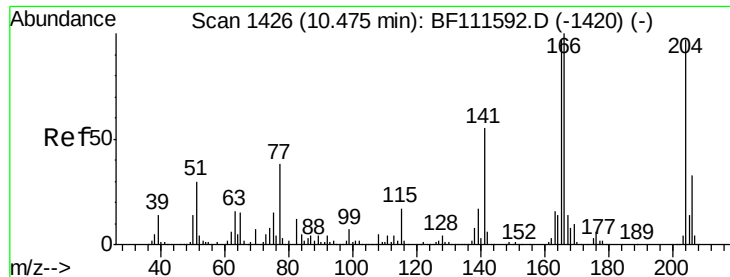


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

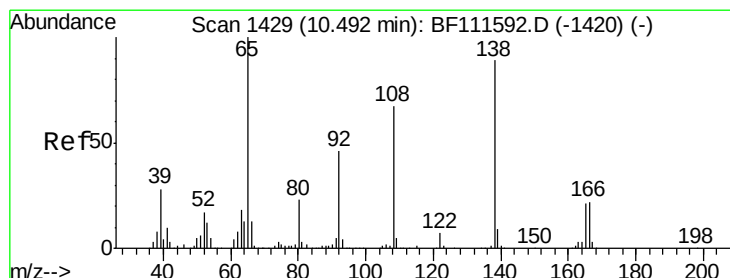
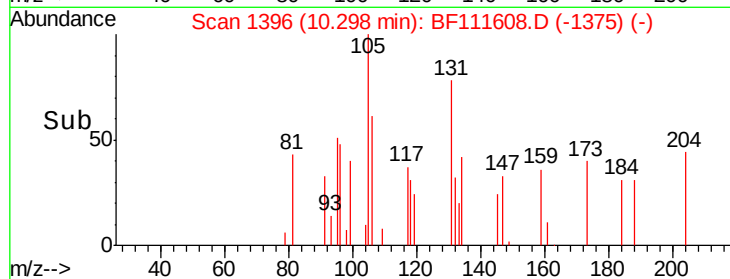
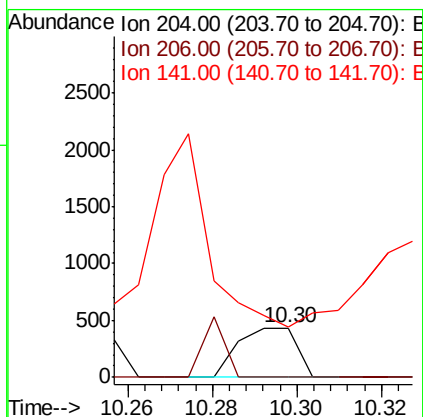
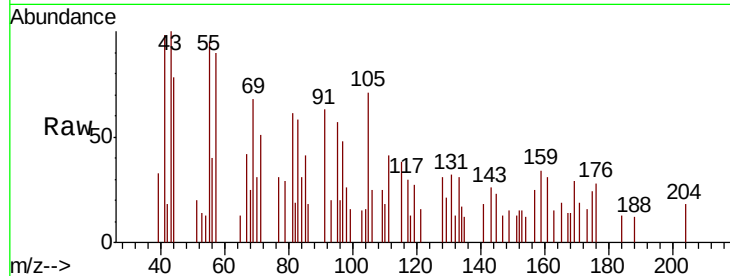




#61
 4-Chlorophenyl-phenylether
 Concen: 0.033 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.18 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

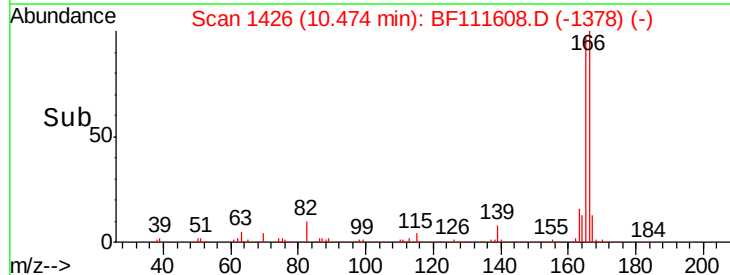
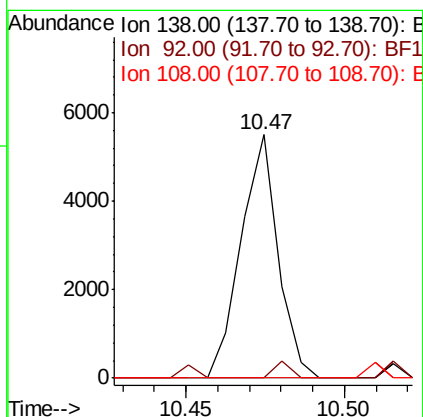
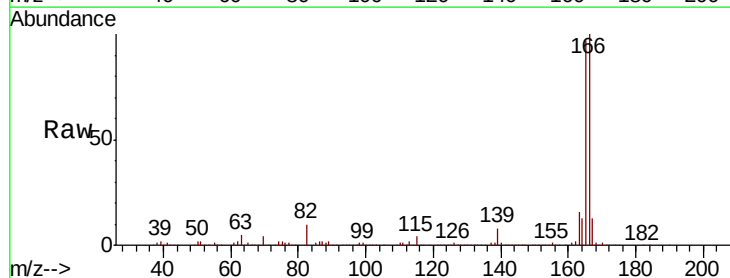
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121718

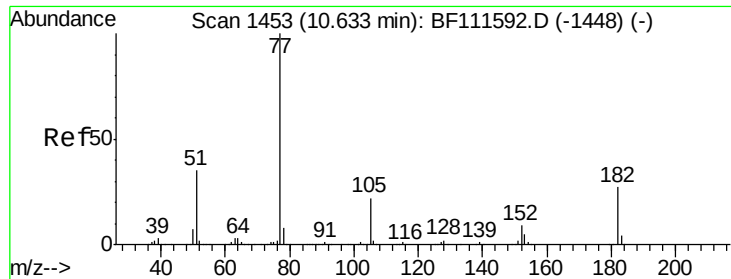
Tgt Ion: 204 Resp: 417
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.6 39.8#
 141 103.0 52.6 78.8#



#62
 4-Nitroaniline
 Concen: 0.840 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

Tgt Ion: 138 Resp: 4458
 Ion Ratio Lower Upper
 138 100
 92 0.0 29.9 69.9#
 108 0.0 43.2 83.2#





#63

Azobenzene

Concen: 0.127 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

Tgt Ion: 77 Resp: 3201

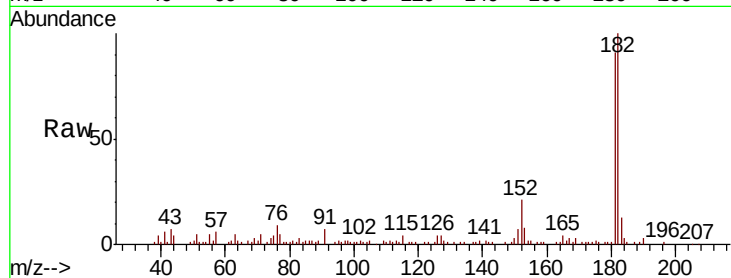
Ion Ratio Lower Upper

77 100

182 2122.0 4.9 44.9#

105 33.3 6.0 46.0

51 105.8 14.7 54.7#

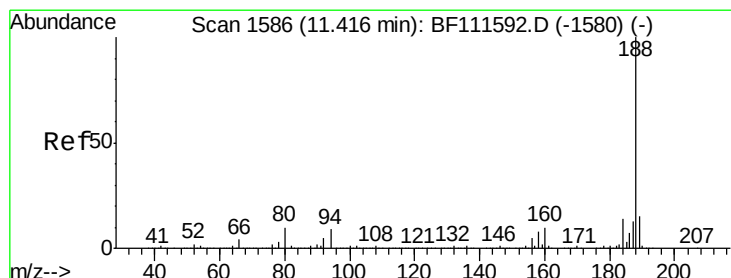
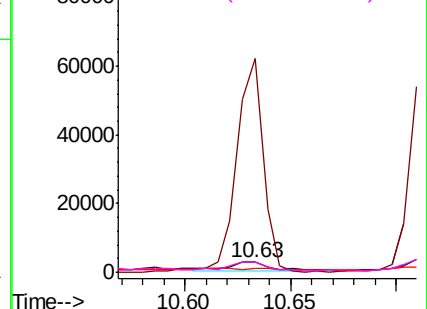
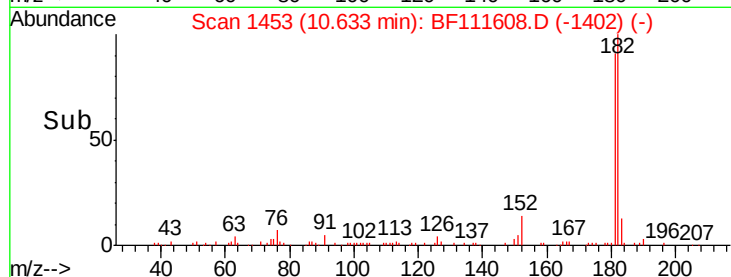


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

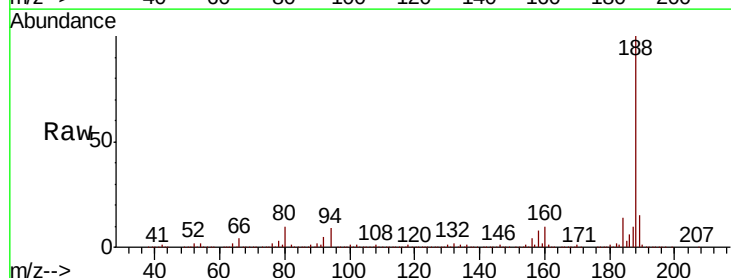
Tgt Ion: 188 Resp: 585785

Ion Ratio Lower Upper

188 100

94 9.4 9.6 14.4#

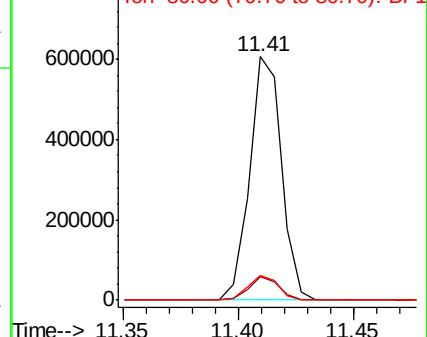
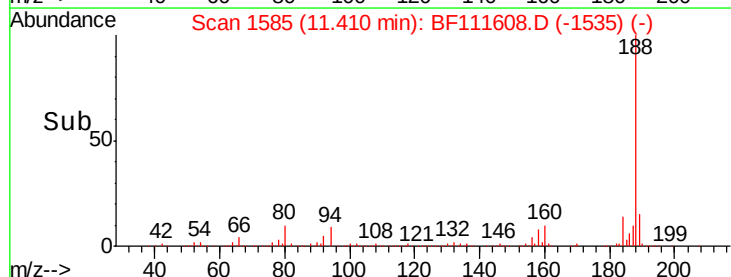
80 10.1 9.8 14.6

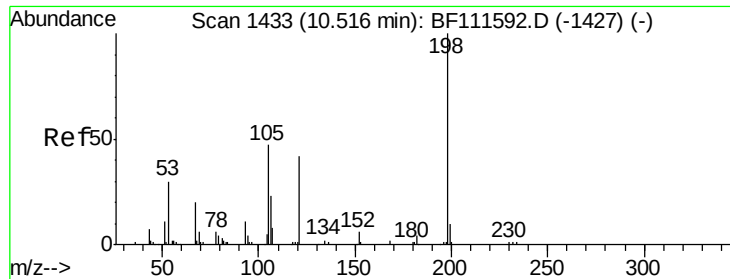


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

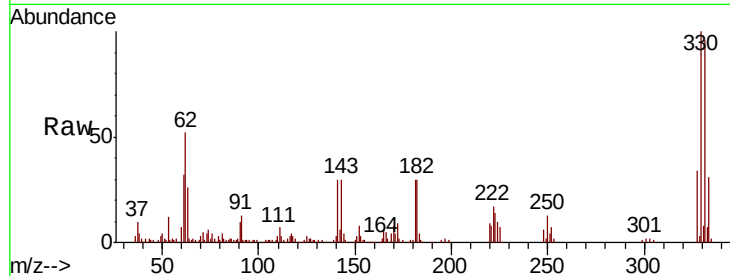




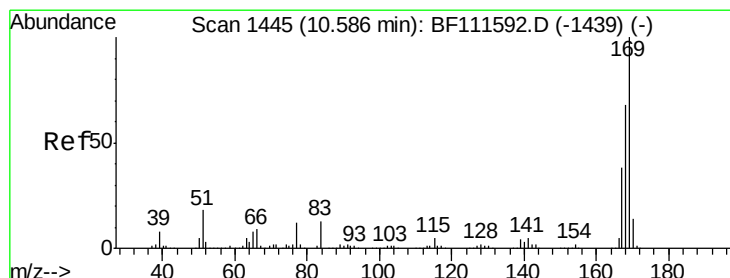
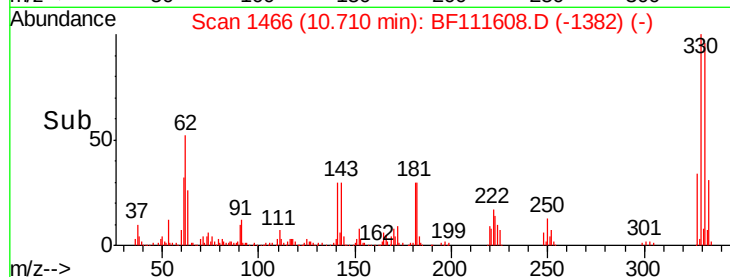
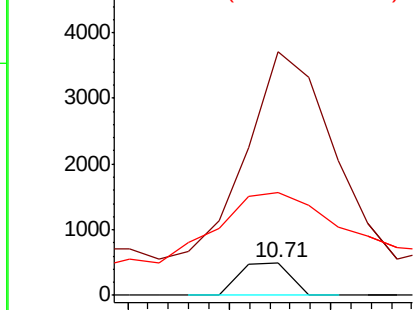
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.813 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121718

Tgt Ion:198 Resp: 339
 Ion Ratio Lower Upper
 198 100
 51 748.9 48.0 88.0#
 105 317.0 34.0 74.0#

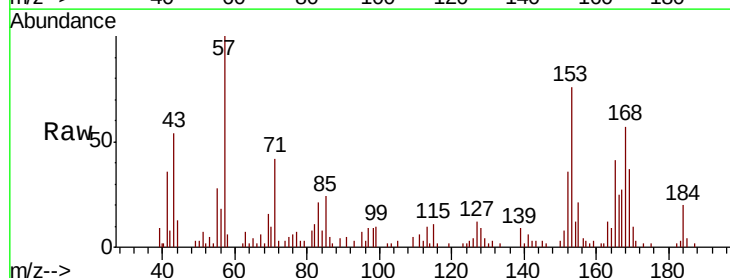


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

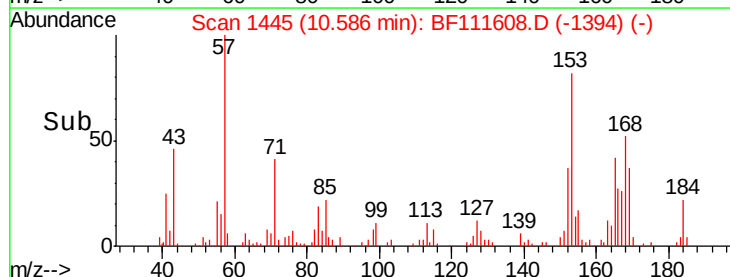
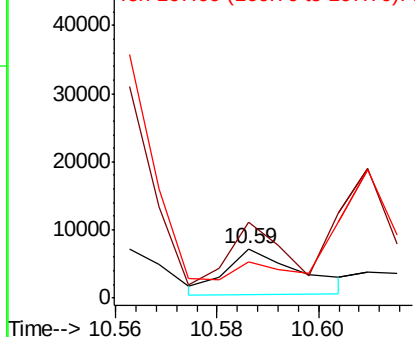


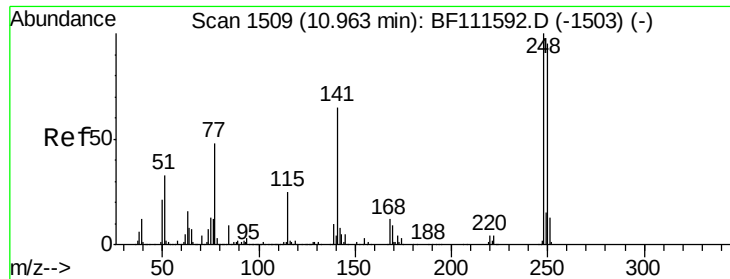
#66
 n-Nitrosodiphenylamine
 Concen: 0.351 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

Tgt Ion:169 Resp: 6910
 Ion Ratio Lower Upper
 169 100
 168 152.1 54.4 81.6#
 167 72.8 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

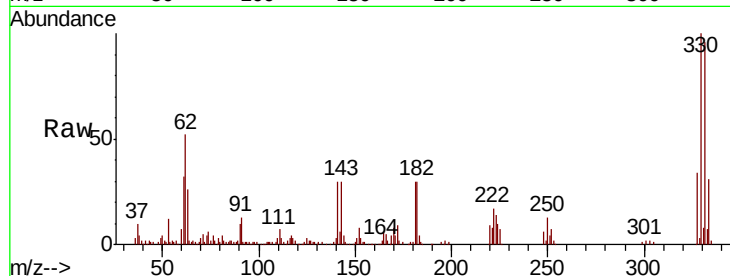




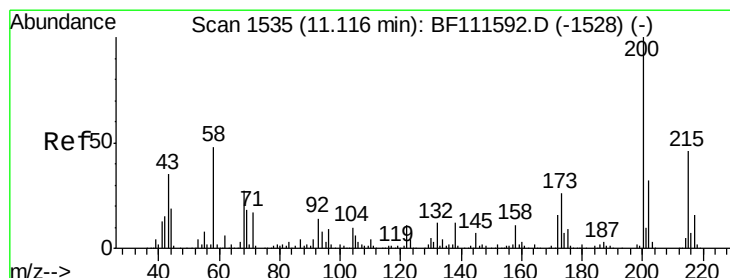
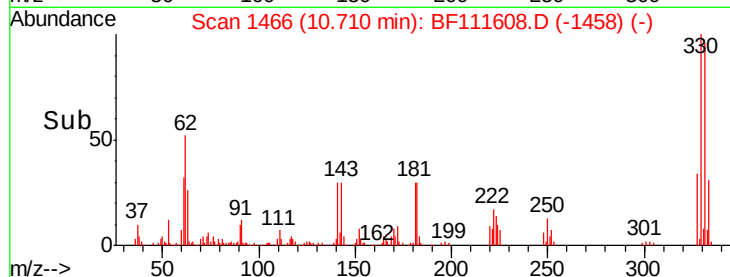
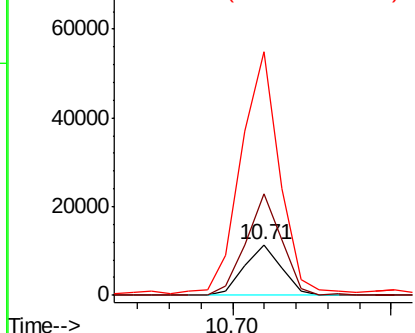
#67
4-Bromophenyl-phenylether
Concen: 1.263 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OR-03-121718

Tgt Ion:248 Resp: 9180
Ion Ratio Lower Upper
248 100
250 200.3 77.0 115.4#
141 482.5 63.0 94.6#

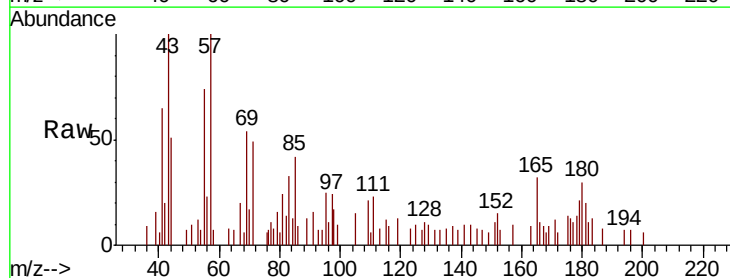


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

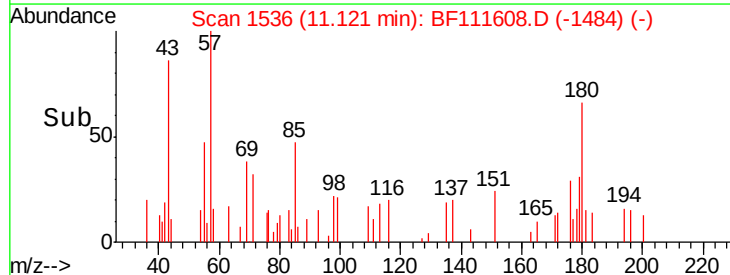
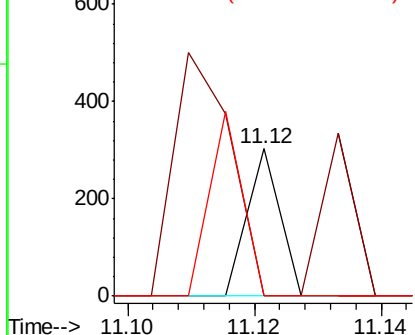


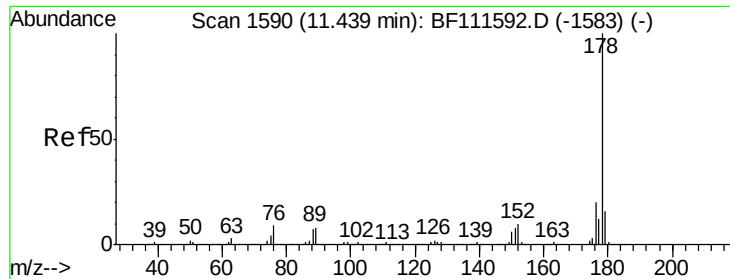
#69
Atrazine
Concen: 0.016 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion:200 Resp: 107
Ion Ratio Lower Upper
200 100
173 0.0 10.1 50.1#
215 0.0 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

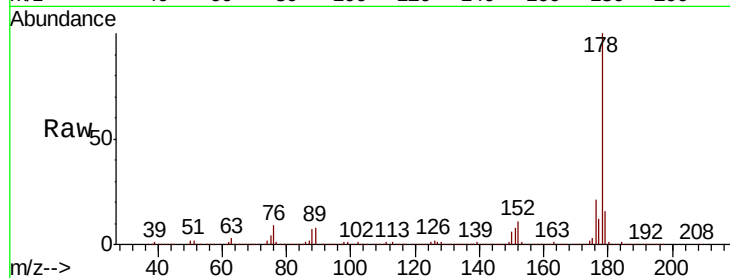




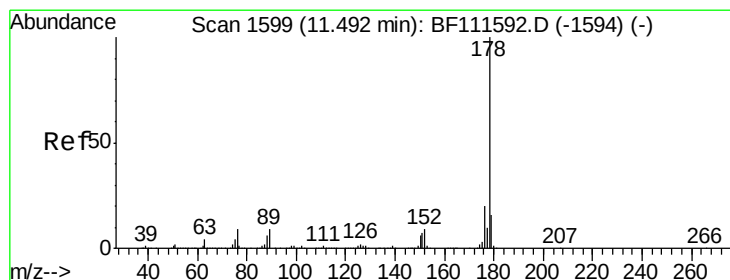
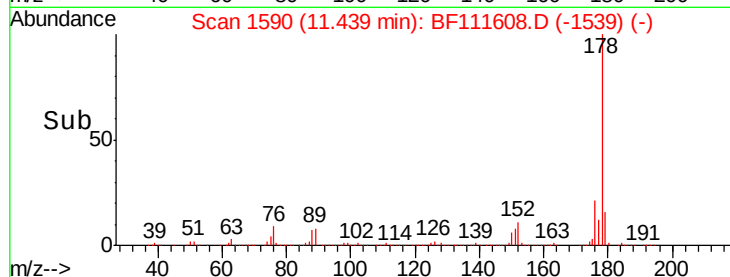
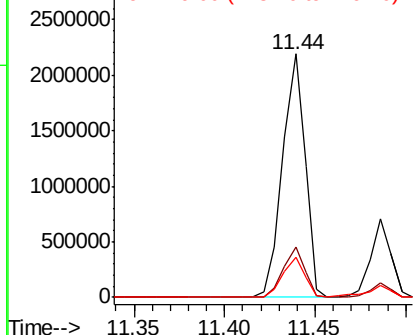
#71
Phenanthrene
Concen: 61.371 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OR-03-121718

Tgt Ion:178 Resp: 1906570
Ion Ratio Lower Upper
178 100
176 20.7 18.1 27.1
179 16.4 14.0 21.0

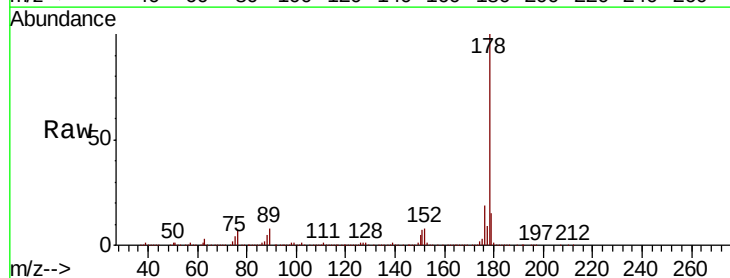


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

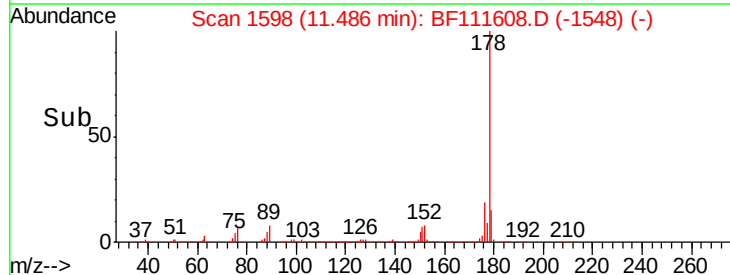
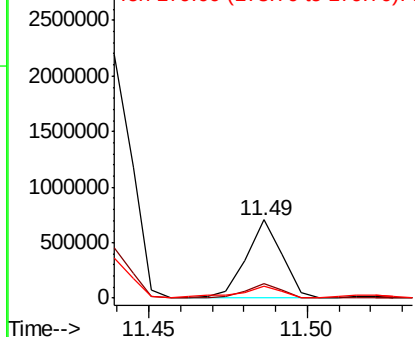


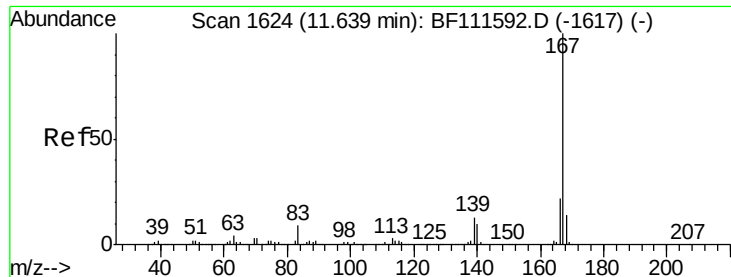
#72
Anthracene
Concen: 17.190 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion:178 Resp: 536026
Ion Ratio Lower Upper
178 100
176 18.9 17.2 25.8
179 15.5 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

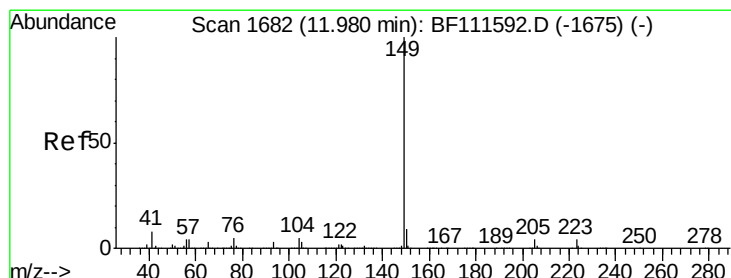
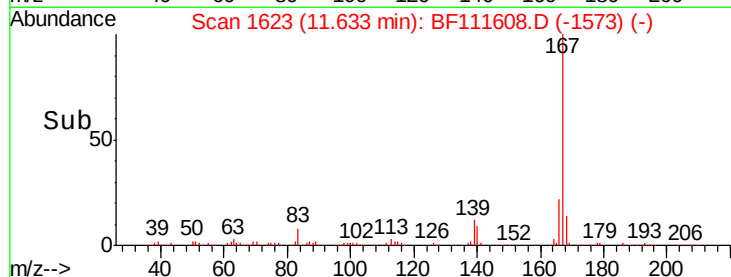
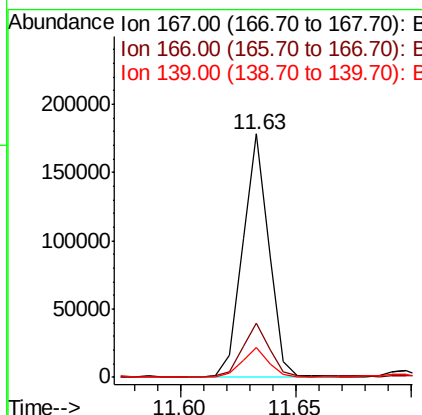
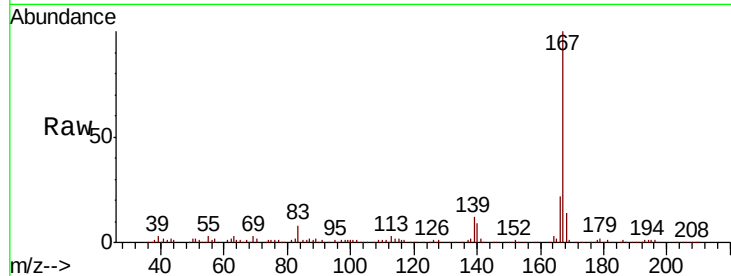




#73
 Carbazole
 Concen: 4.622 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

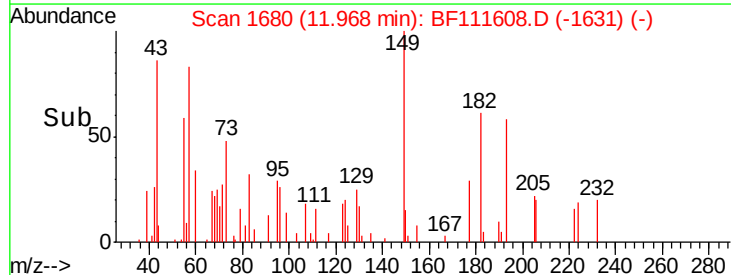
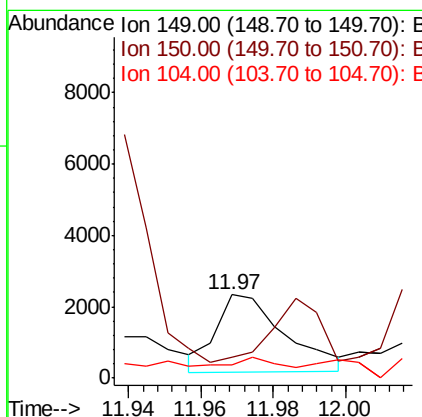
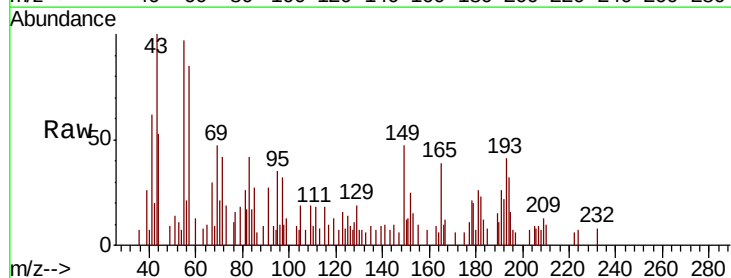
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121718

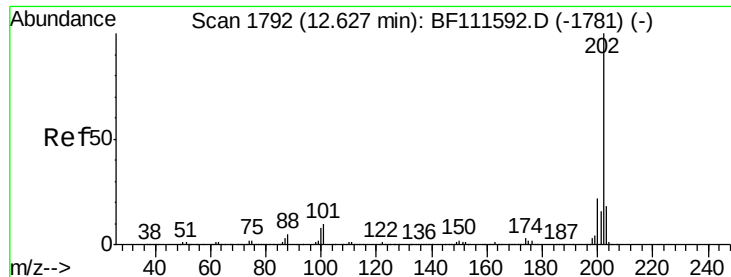
Tgt Ion:167 Resp: 139923
 Ion Ratio Lower Upper
 167 100
 166 22.0 19.3 28.9
 139 12.3 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 0.084 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111608.D
 Acq: 19 Dec 2018 23:34

Tgt Ion:149 Resp: 2856
 Ion Ratio Lower Upper
 149 100
 150 25.4 8.8 13.2#
 104 15.8 4.5 6.7#





#75

Fluoranthene

Concen: 46.366 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

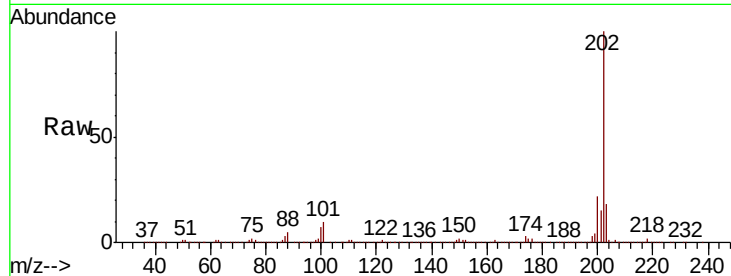
Tgt Ion:202 Resp: 1458624

Ion Ratio Lower Upper

202 100

101 9.8 0.0 33.8

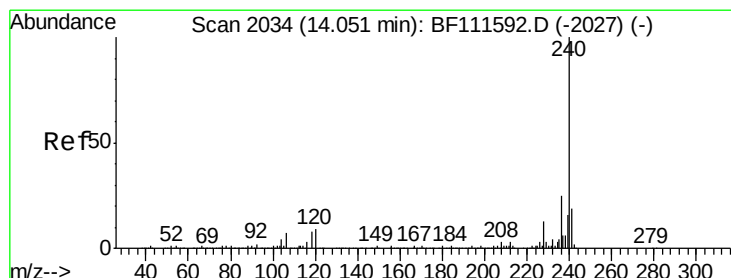
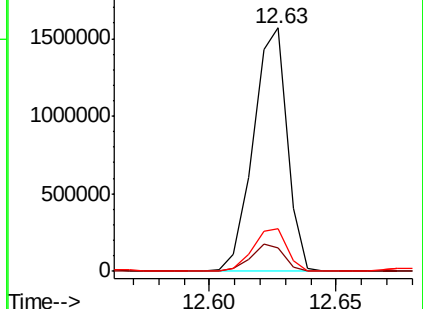
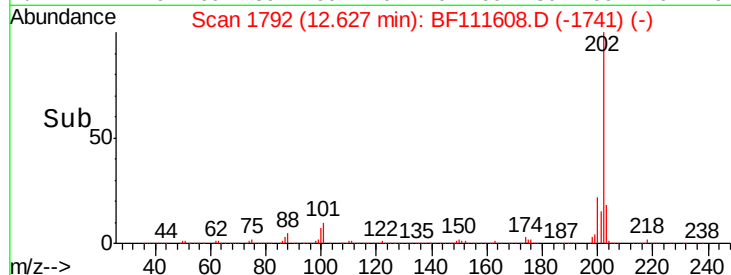
203 17.7 0.0 38.6



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

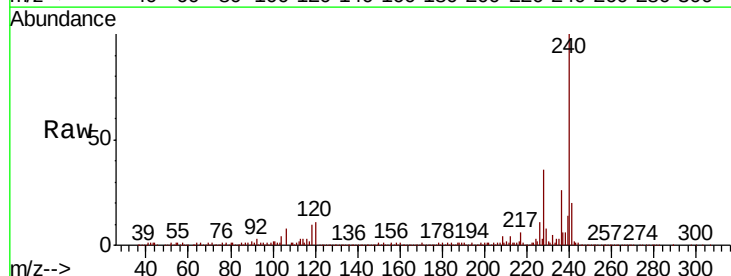
Tgt Ion:240 Resp: 529513

Ion Ratio Lower Upper

240 100

120 10.9 12.2 18.2#

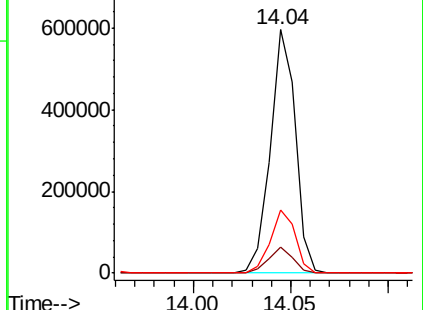
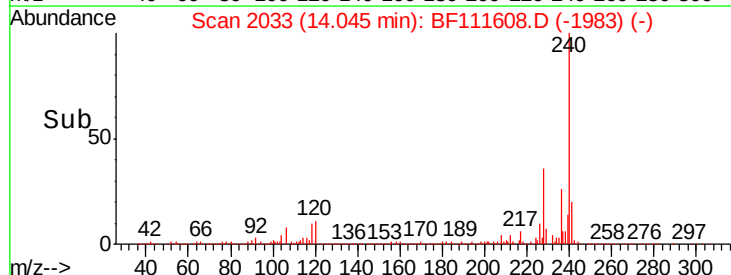
236 26.1 20.2 30.2

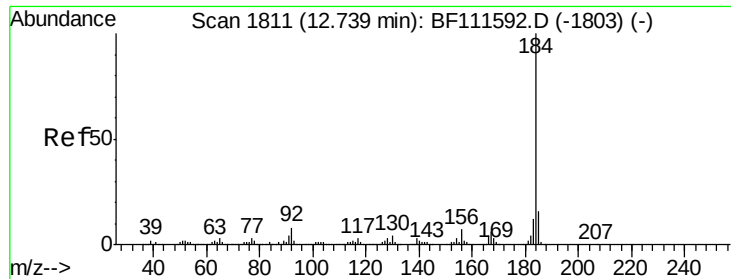


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.358 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.25 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

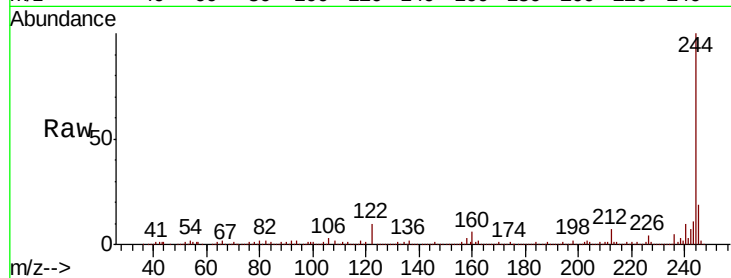
Tgt Ion:184 Resp: 7124

Ion Ratio Lower Upper

184 100

185 16.3 13.0 19.6

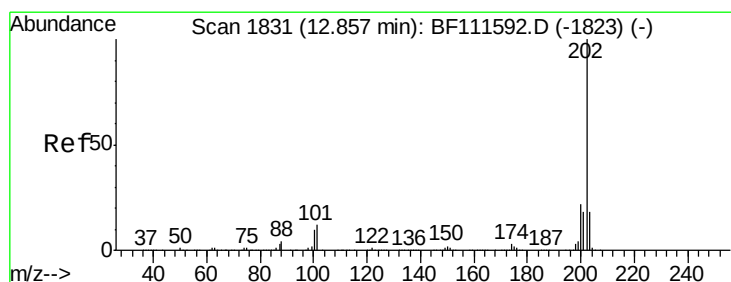
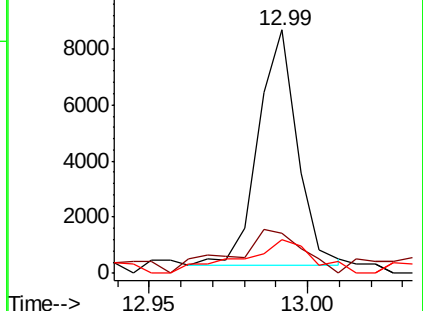
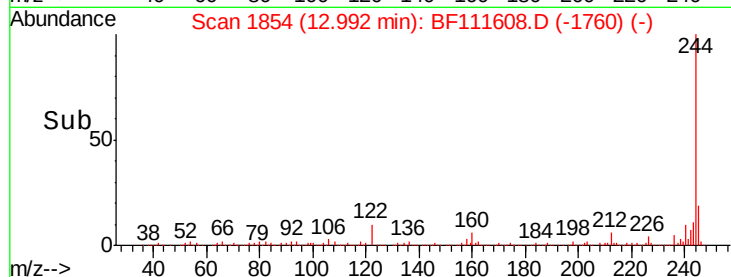
183 13.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.679 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

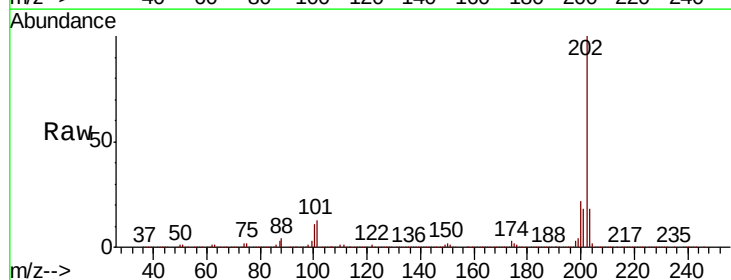
Tgt Ion:202 Resp: 1371537

Ion Ratio Lower Upper

202 100

200 22.1 19.0 28.4

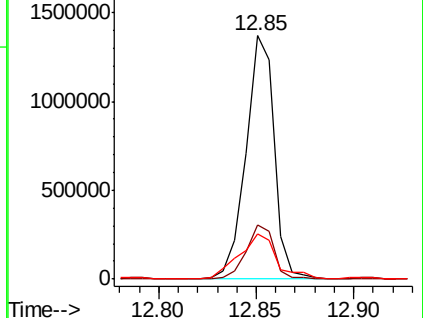
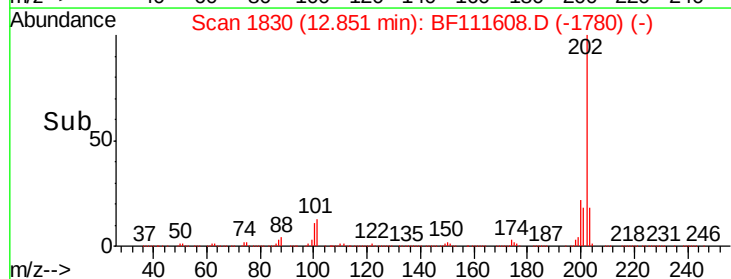
203 18.4 15.2 22.8

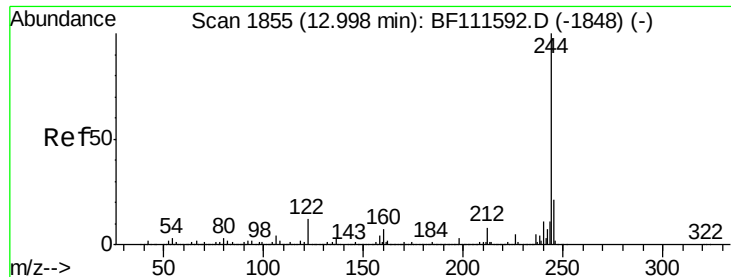


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 20.184 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

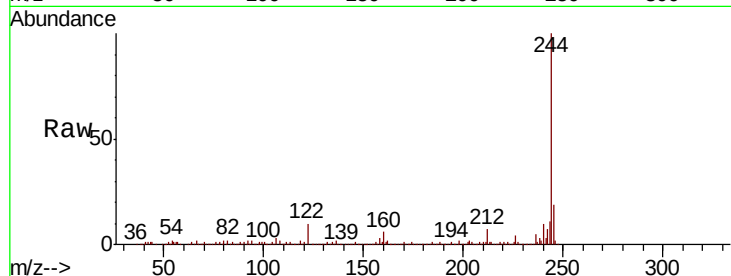
Tgt Ion:244 Resp: 563560

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

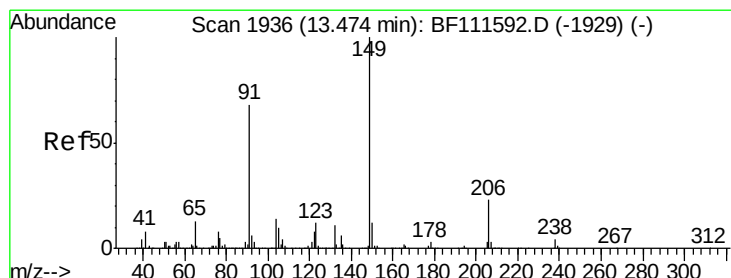
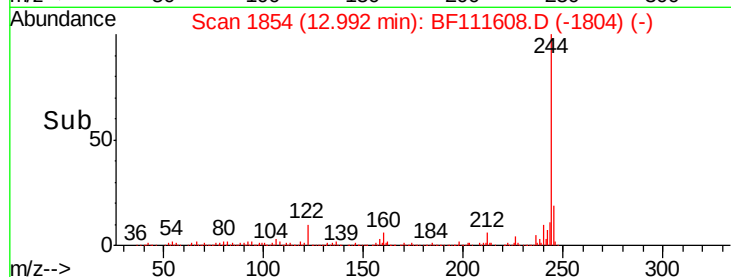
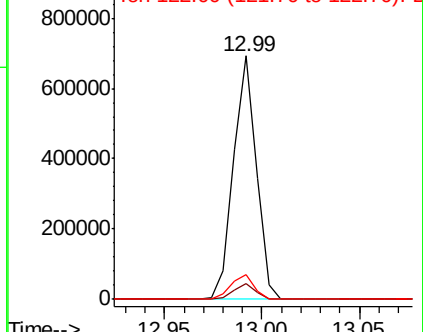
122 10.1 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.062 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

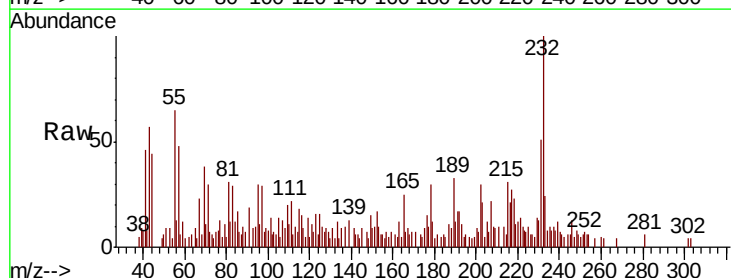
Tgt Ion:149 Resp: 951

Ion Ratio Lower Upper

149 100

91 128.0 63.8 95.6#

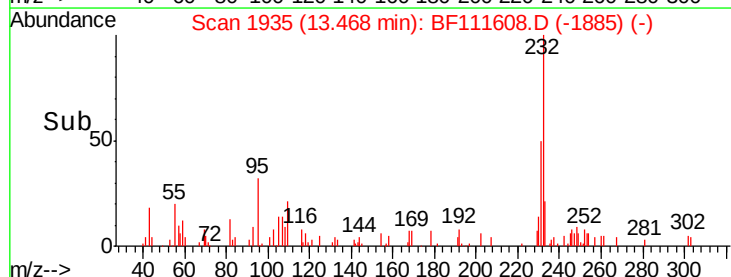
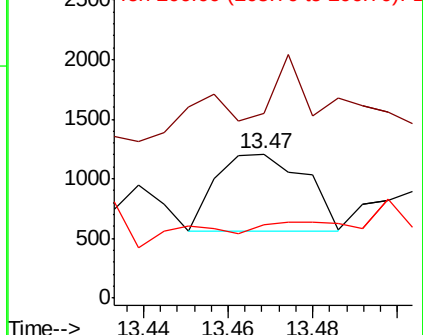
206 51.1 15.1 22.7#

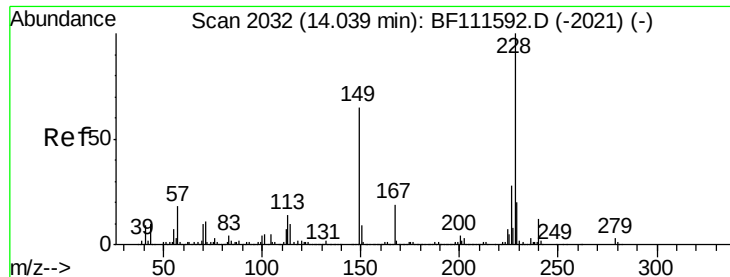


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

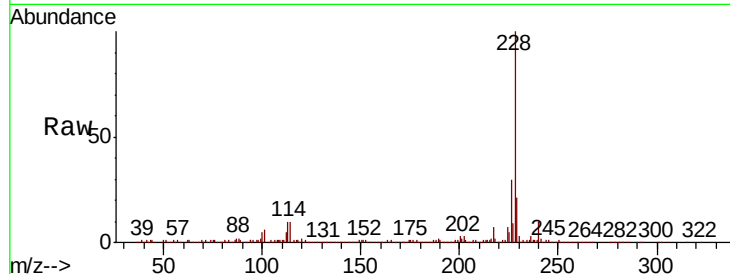




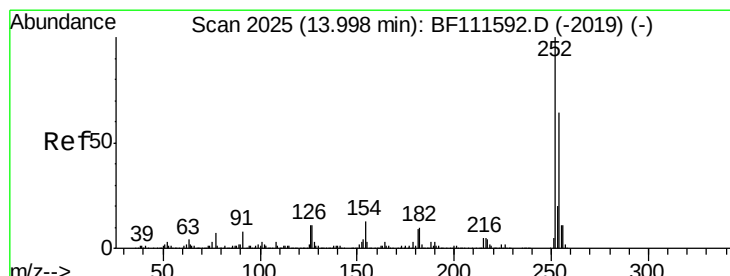
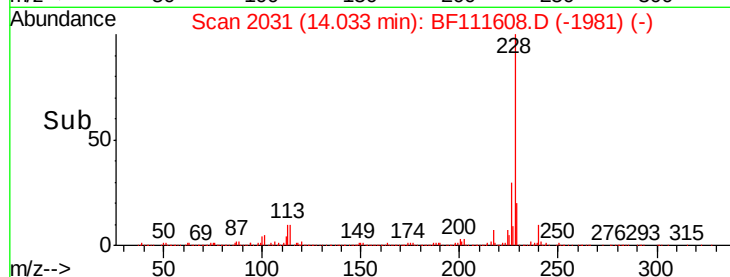
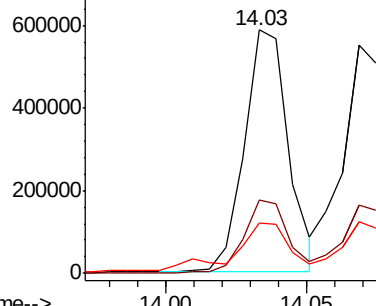
#81
Benzo(a)anthracene
Concen: 21.002 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OR-03-121718

Tgt Ion:228 Resp: 634660
Ion Ratio Lower Upper
228 100
226 30.2 22.6 34.0
229 20.8 16.3 24.5

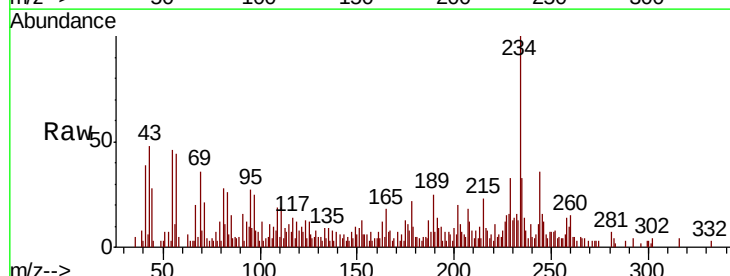


Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

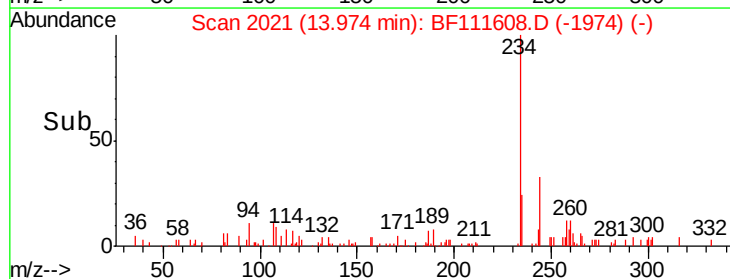
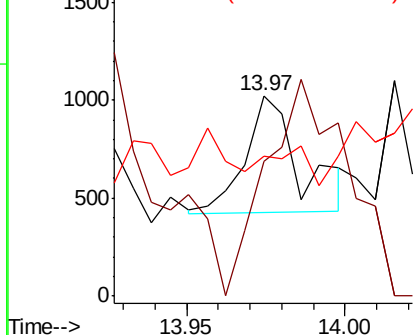


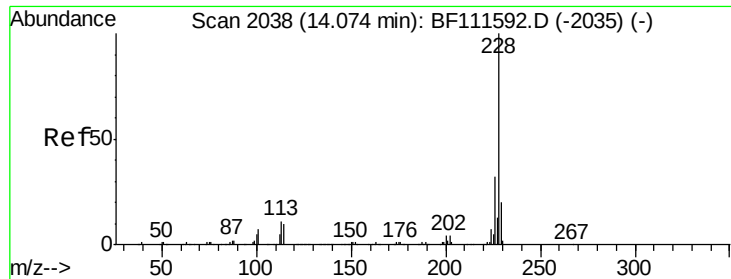
#82
3,3'-Dichlorobenzidine
Concen: 0.060 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion:252 Resp: 712
Ion Ratio Lower Upper
252 100
254 67.4 52.7 79.1
126 70.0 11.1 16.7#



Abundance Ion 252.00 (251.70 to 252.70): E
1500
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 18.616 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

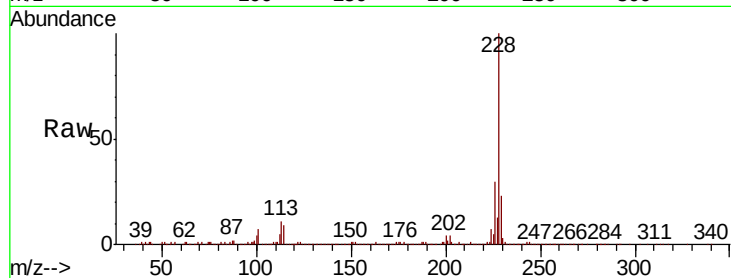
Tgt Ion:228 Resp: 552914

Ion Ratio Lower Upper

228 100

226 29.7 25.3 37.9

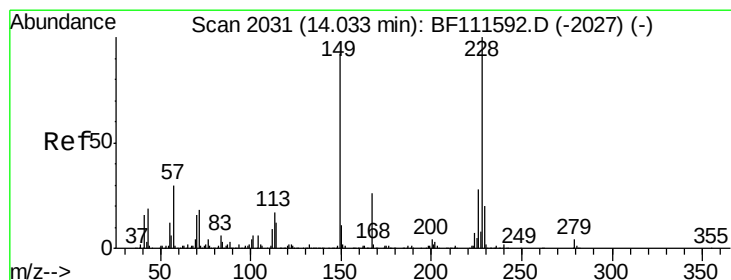
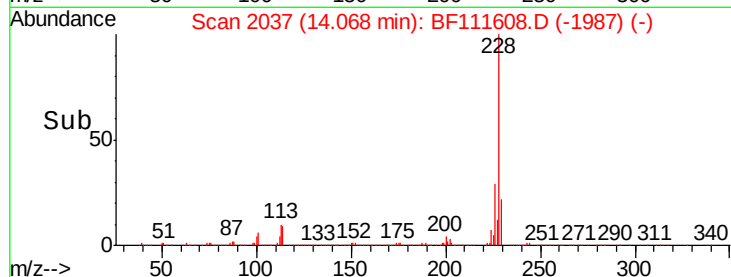
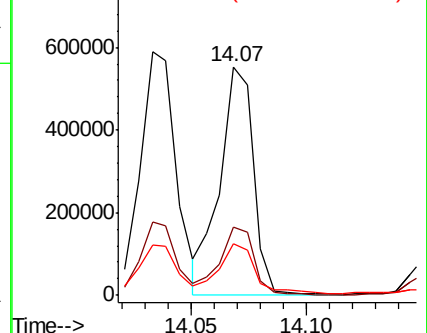
229 22.5 17.2 25.8



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: 0.319 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

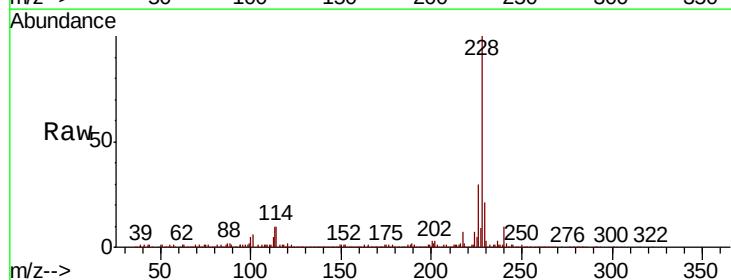
Tgt Ion:149 Resp: 6121

Ion Ratio Lower Upper

149 100

167 19.6 22.5 33.7#

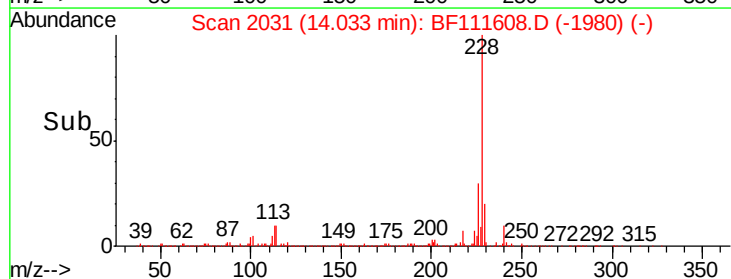
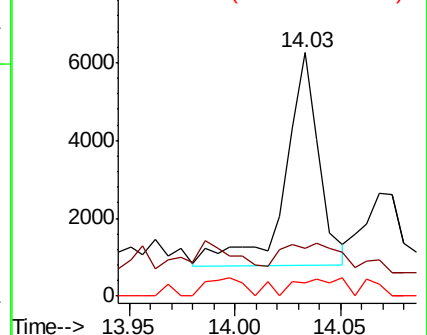
279 5.6 2.6 4.0#

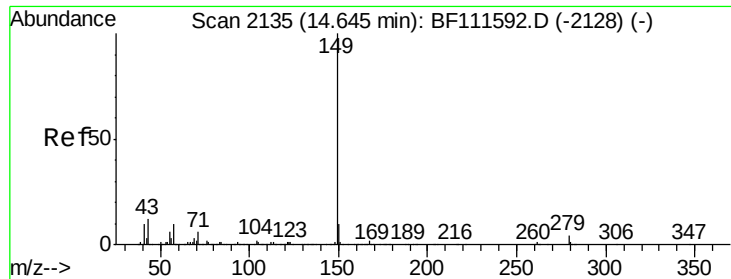


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.031 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

Instrument :

BNA_F

ClientSampleId :

OR-03-121718

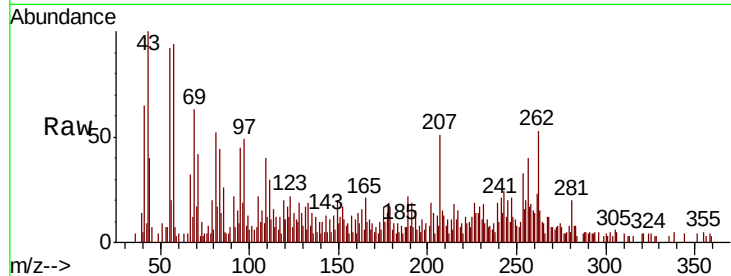
Tgt Ion:149 Resp: 910

Ion Ratio Lower Upper

149 100

167 51.5 1.3 1.9#

43 0.0 10.9 16.3#

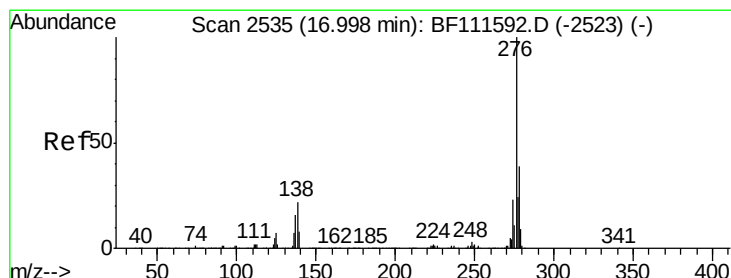
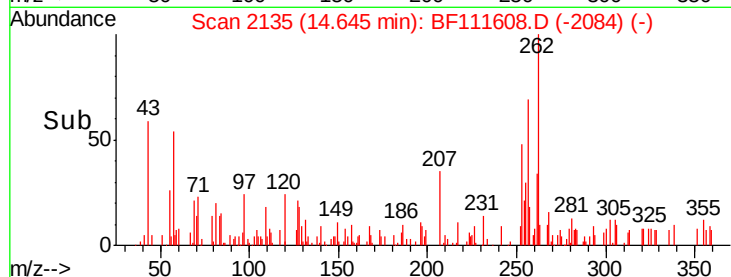
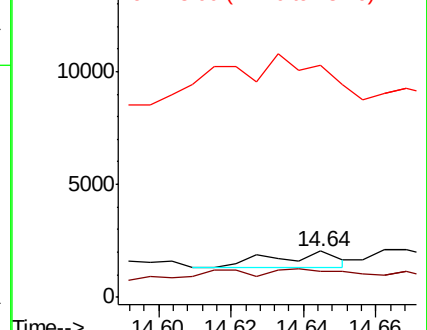


Abundance

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: 6.246 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF111608.D

Acq: 19 Dec 2018 23:34

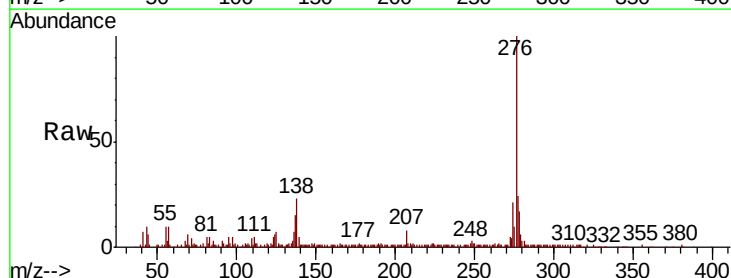
Tgt Ion:276 Resp: 157706

Ion Ratio Lower Upper

276 100

138 21.9 27.8 41.6#

277 24.0 20.1 30.1

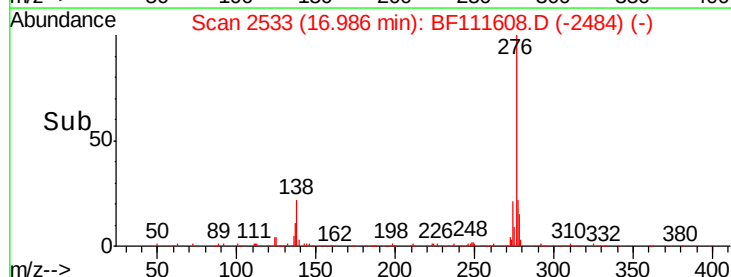
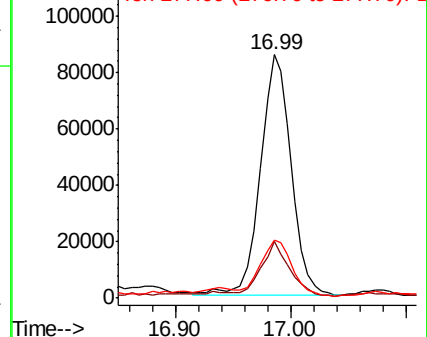


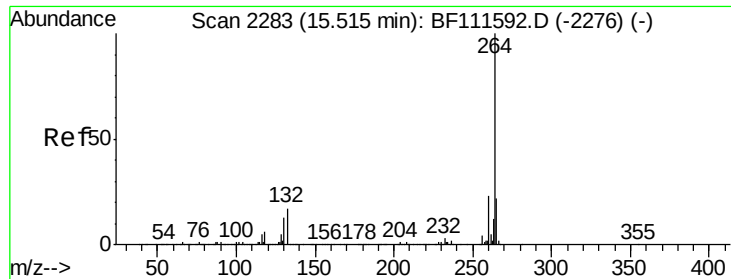
Abundance

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

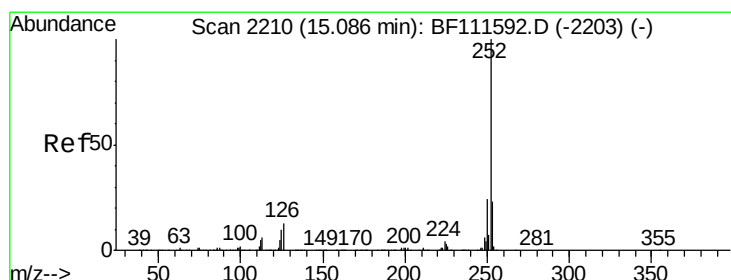
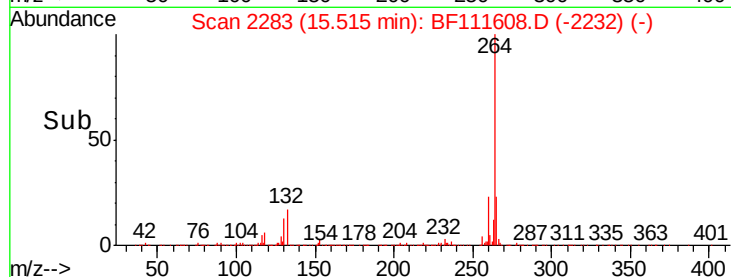
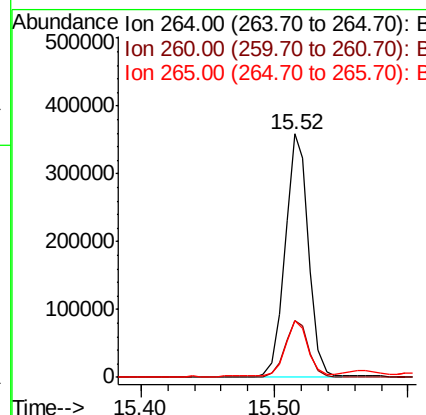
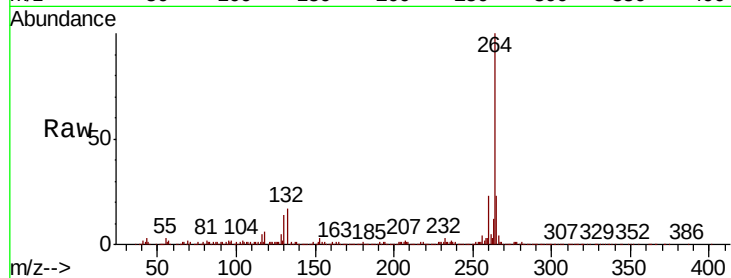




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

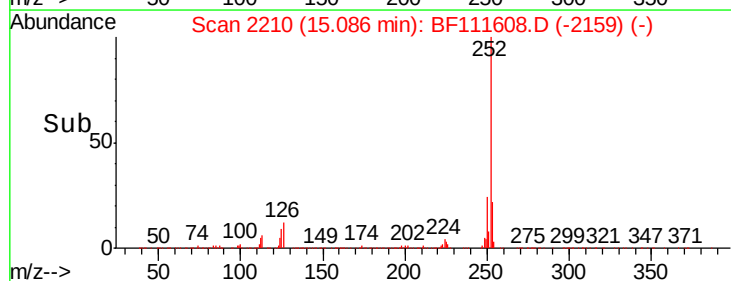
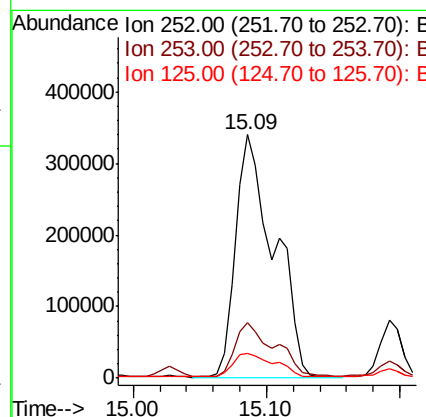
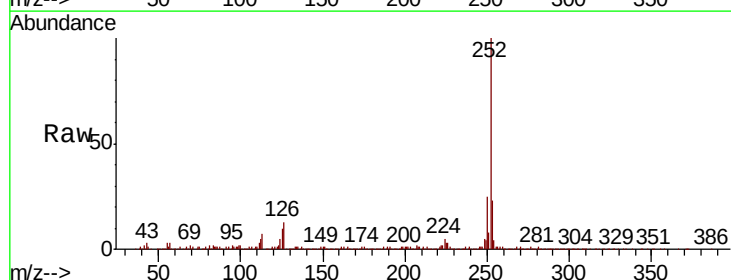
Instrument :
BNA_F
ClientSampleId :
OR-03-121718

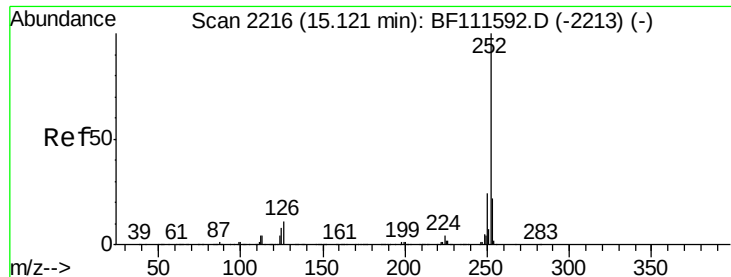
Tgt Ion:264 Resp: 437440
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 23.1 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 26.585 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion:252 Resp: 679674
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.9 10.4 15.6#

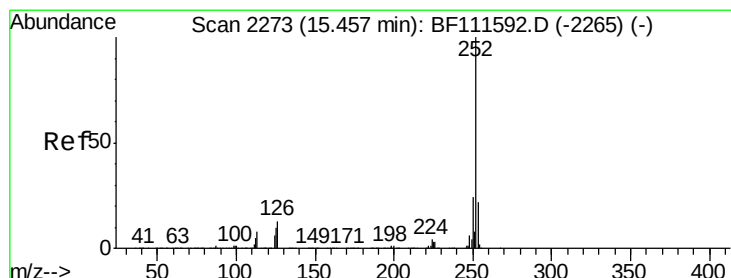
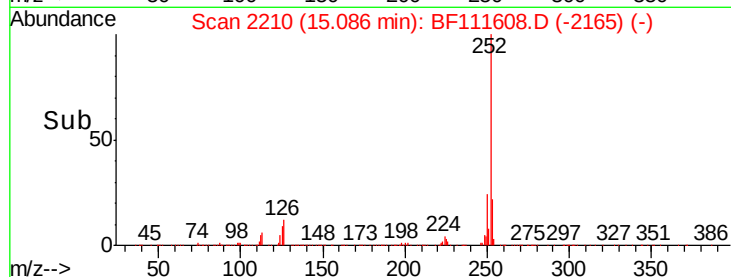
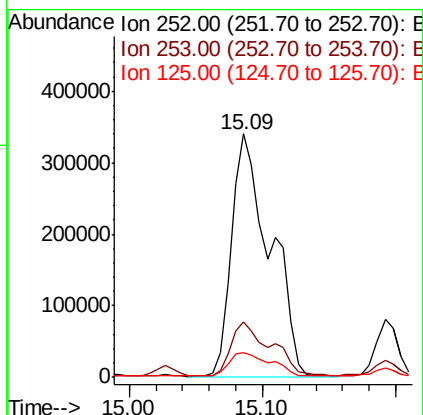
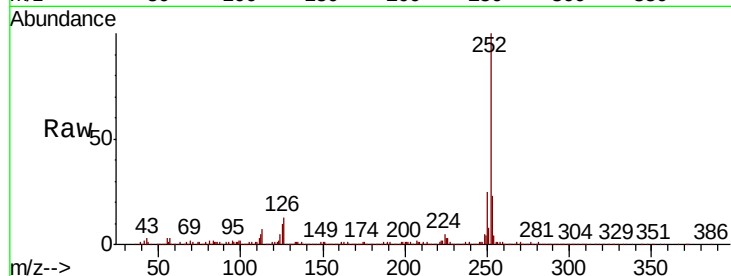




#89
Benzo(k)fluoranthene
Concen: 27.925 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

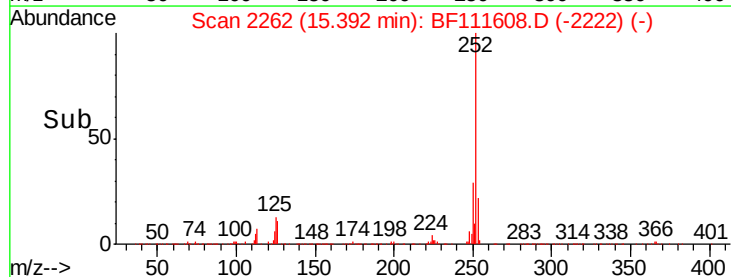
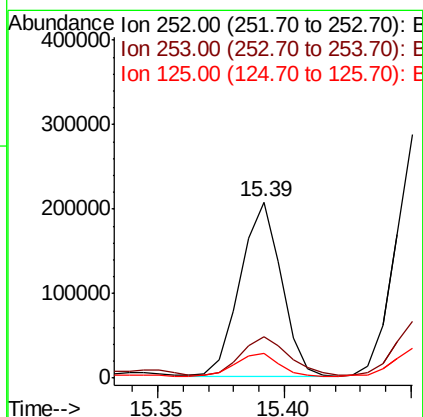
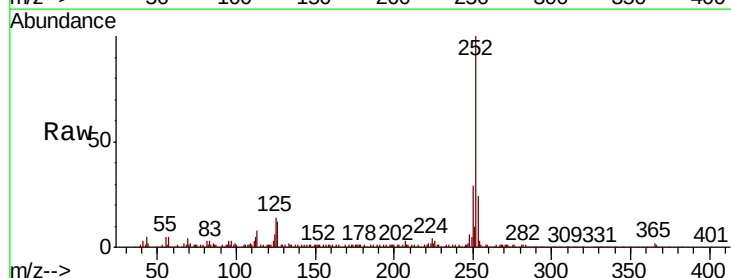
Instrument :
BNA_F
ClientSampleId :
OR-03-121718

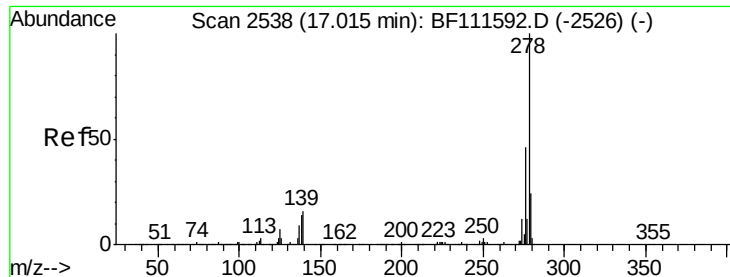
Tgt Ion:252 Resp: 679674
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 9.9 9.8 14.8



#90
Benzo(a)pyrene
Concen: 10.169 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.06 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion:252 Resp: 236192
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 14.3 12.3 18.5

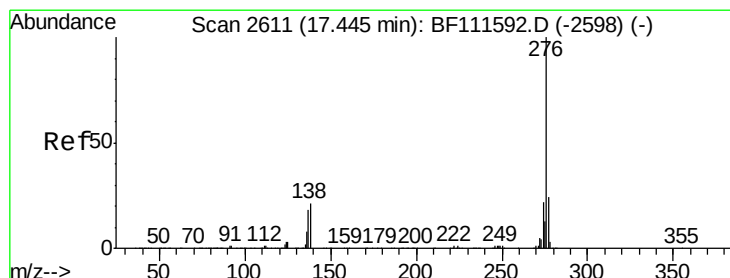
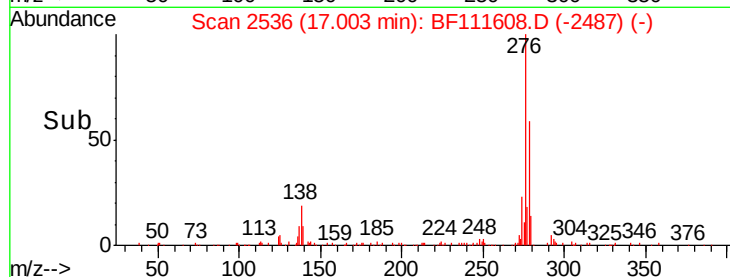
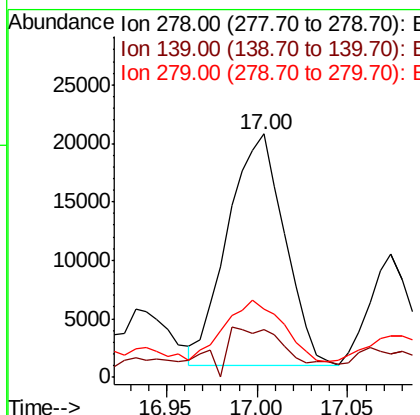
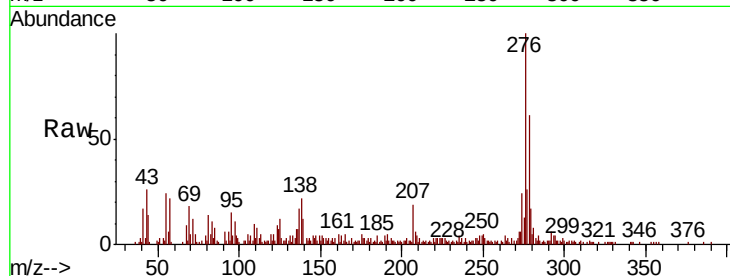




#91
Dibenzo(a,h)anthracene
Concen: 2.136 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Instrument :
BNA_F
ClientSampleId :
OR-03-121718

Tgt Ion: 278 Resp: 43448
Ion Ratio Lower Upper
278 100
139 19.7 18.2 27.4
279 28.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 2.419 ng
RT: 17.67 min Scan# 2649
Delta R.T. 0.22 min
Lab File: BF111608.D
Acq: 19 Dec 2018 23:34

Tgt Ion: 276 Resp: 48049
Ion Ratio Lower Upper
276 100
277 28.1 19.2 28.8
138 25.1 24.9 37.3

