

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
 Data File : BF102341.D
 Acq On : 23 Jan 2018 13:11
 Operator : SJ/JU
 Sample : J1239-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 17:19:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	160469	20.00	ng	0.01
21) Naphthalene-d8	8.02	136	473079	20.00	ng	0.02
38) Acenaphthene-d10	9.76	164	291282	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	493381	20.00	ng	0.00
75) Chrysene-d12	13.87	240	400819	20.00	ng	0.00
86) Perylene-d12	15.30	264	300480	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1189116	112.36	ng	0.02
7) Phenol-d6	6.43	99	450148	35.28	ng	0.07
23) Nitrobenzene-d5	7.32	82	977099	118.69	ng	0.04
41) 2,4,6-Tribromophenol	10.55	330	319676	110.76	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1579062	79.71	ng	0.00
78) Terphenyl-d14	12.83	244	1555750	87.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	142	0.028	ng	# 1
3) Pyridine	3.19	79	306877	23.353	ng	# 96
4) n-Nitrosodimethylamine	3.08	42	847	0.164	ng	# 1
6) Aniline	6.38	93	229209	13.582	ng	# 1
8) 2-Chlorophenol	6.51	128	112	0.010	ng	# 1
9) Benzaldehyde	6.44	77	221839	28.518	ng	# 1
10) Phenol	6.43	94	6351285	455.964	ng	# 96
11) bis(2-Chloroethyl)ether	6.50	93	447597	42.249	ng	# 36
12) 1,3-Dichlorobenzene	6.89	146	367	0.028	ng	# 1
13) 1,4-Dichlorobenzene	6.89	146	367	0.028	ng	# 1
14) 1,2-Dichlorobenzene	6.89	146	367	0.030	ng	# 1
15) Benzyl Alcohol	6.89	79	104848	11.647	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	6.76	45	74198	4.176	ng	# 76
17) 2-Methylphenol	7.04	107	3224072	334.621	ng	# 97
18) Hexachloroethane	7.19	117	199614	43.342	ng	# 3
19) n-Nitroso-di-n-propylamine	7.32	70	130192	16.674	ng	# 77
20) 3+4-Methylphenols	7.23	107	9789455	863.893	ng	# 88
22) Acetophenone	7.20	105	115878	10.275	ng	# 1
24) Nitrobenzene	7.23	77	3260791	387.057	ng	# 44
25) Isophorone	7.32	82	970062	66.099	ng	# 64
27) 2,4-Dimethylphenol	7.70	122	1394210	216.548	ng	# 97
28) bis(2-Chloroethoxy)methane	7.75	93	33036	3.644	ng	# 1
30) 1,2,4-Trichlorobenzene	7.69	180	347	0.049	ng	# 12
31) Naphthalene	8.05	128	10301355	436.127	ng	# 97
32) Benzoic acid	7.82	122	431858	80.060	ng	# 13
33) 4-Chloroaniline	8.05	127	1487421	149.752	ng	# 34
35) Caprolactam	8.73	113	15671	7.235	ng	# 1
36) 4-Chloro-3-methylphenol	8.61	107	5470	0.791	ng	# 39
37) 2-Methylnaphthalene	8.73	142	593328	37.719	ng	# 100
45) 1,1'-Biphenyl	9.18	154	141779	5.444	ng	# 98
46) 2-Chloronaphthalene	9.23	162	1321	0.065	ng	# 22
47) 2-Nitroaniline	9.30	65	3843	0.609	ng	# 13
48) Acenaphthylene	9.62	152	1392869	44.162	ng	# 99
49) Dimethylphthalate	9.48	163	4652	0.193	ng	# 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

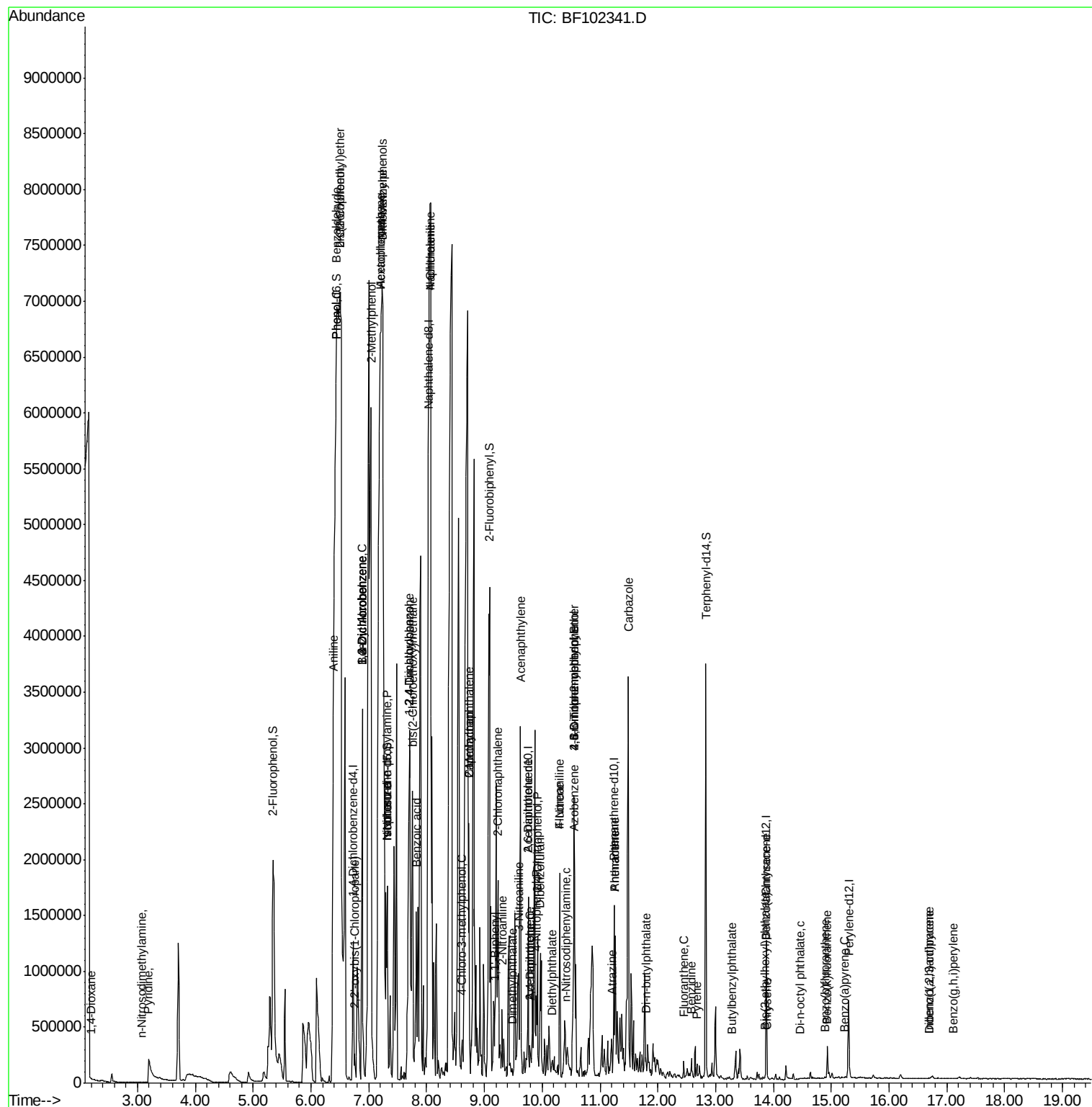
50) 2,6-Dinitrotoluene	9.76	165	39856	7.678	nq	# 29
51) Acenaphthene	9.79	154	31031	1.685	nq	96
52) 3-Nitroaniline	9.60	138	357	0.058	nq	# 74
53) 2,4-Dinitrophenol	9.91	184	128	3.748	nq	# 1
54) Dibenzofuran	9.96	168	405991	16.286	nq	99
55) 4-Nitrophenol	9.90	139	8861	2.186	nq	# 47
56) 2,4-Dinitrotoluene	9.79	165	1362	0.213	nq	# 1
57) Fluorene	10.30	166	315139	15.953	nq	# 96
59) Diethylphthalate	10.17	149	7957	0.340	nq	# 95
61) 4-Nitroaniline	10.30	138	4179	0.682	nq	# 31
62) Azobenzene	10.56	77	22684	1.059	nq	73
64) 4,6-Dinitro-2-methylphenol	10.55	198	976	0.297	nq	# 1
65) n-Nitrosodiphenylamine	10.41	169	5217	0.288	nq	# 41
66) 4-Bromophenyl-phenylether	10.55	248	20367	3.835	nq	# 1
68) Atrazine	11.20	200	108	0.020	nq	# 37
70) Phenanthrene	11.26	178	425298	14.793	nq	98
71) Anthracene	11.26	178	425298	14.493	nq	99
72) Carbazole	11.49	167	1580505	55.207	nq	99
73) Di-n-butylphthalate	11.80	149	5902	0.165	nq	# 1
74) Fluoranthene	12.45	202	57431	1.959	nq	97
76) Benzidine	12.58	184	65202	4.842	nq	97
77) Pyrene	12.67	202	39117	1.262	nq	98
79) Butylbenzylphthalate	13.29	149	242	0.016	nq	# 34
80) Benzo(a)anthracene	13.86	228	6119	0.248	nq	# 90
82) Chrysene	13.90	228	6090	0.243	nq	# 88
83) Bis(2-ethylhexyl)phthalate	13.85	149	4337	0.209	nq	# 70
84) Di-n-octyl phthalate	14.46	149	2218	0.066	nq	# 70
85) Indeno(1,2,3-cd)pyrene	16.69	276	958	0.046	nq	# 57
87) Benzo(b)fluoranthene	14.89	252	5674	0.291	nq	# 92
88) Benzo(k)fluoranthene	14.92	252	4183	0.227	nq	# 93
89) Benzo(a)pyrene	15.23	252	2669	0.152	nq	# 82
90) Dibenzo(a,h)anthracene	16.69	278	635	0.045	nq	# 34
91) Benzo(a,h,i)perylene	17.11	276	661	0.047	nq	# 50

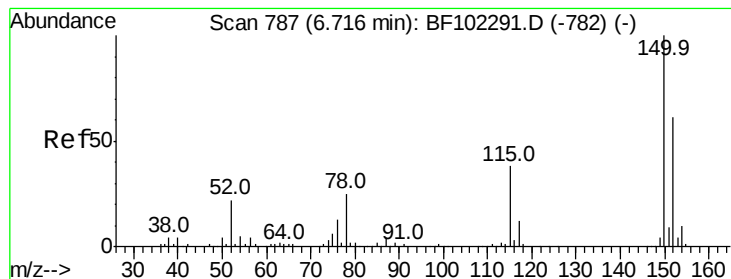
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

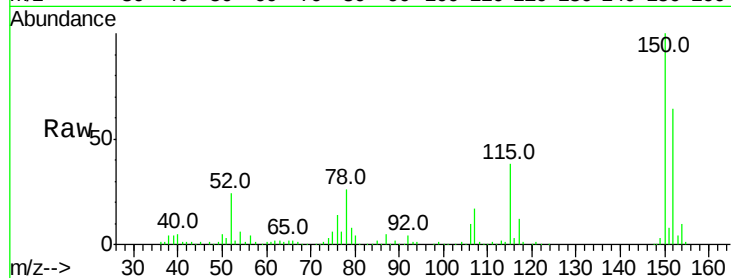
Tot Ion:152 Resp: 160469

Ion Ratio Lower Upper

152 100

150 156.6 124.6 186.8

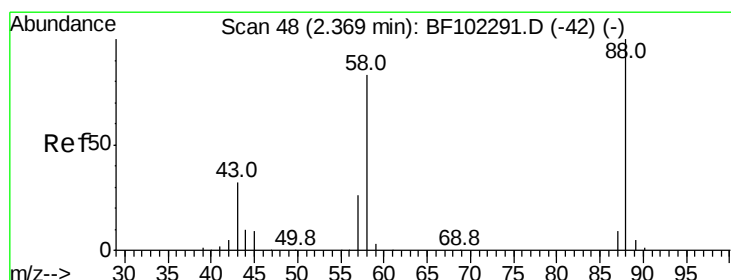
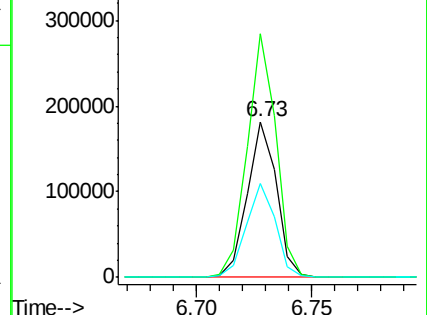
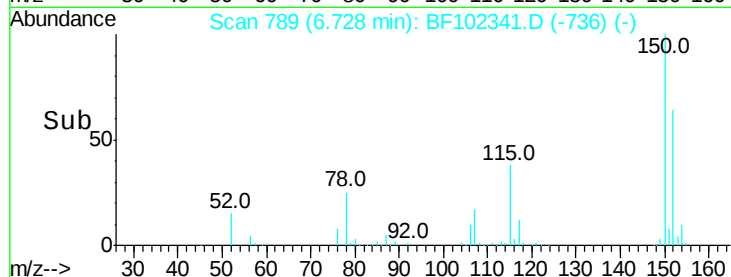
115 60.2 50.1 75.1



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: 0.028 ng

RT: 2.20 min Scan# 20

Delta R.T. -0.16 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

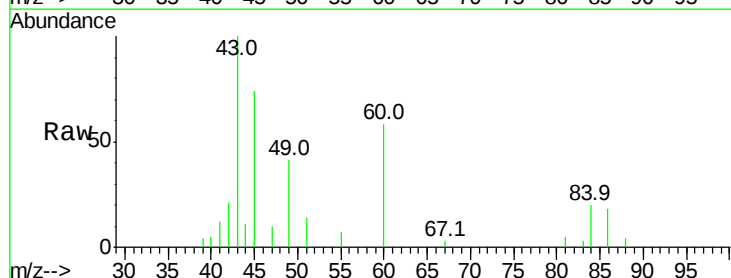
Tgt Ion: 88 Resp: 142

Ion Ratio Lower Upper

88 100

58 268.3 62.6 93.8#

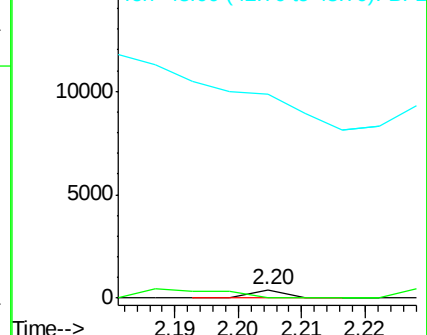
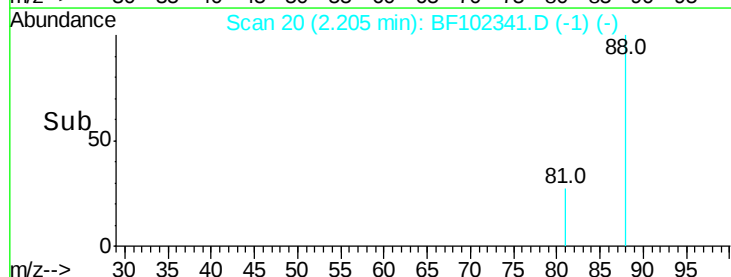
43 0.0 24.6 37.0#

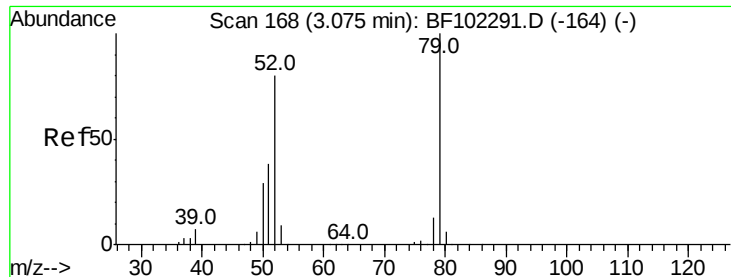


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 23.353 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.12 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

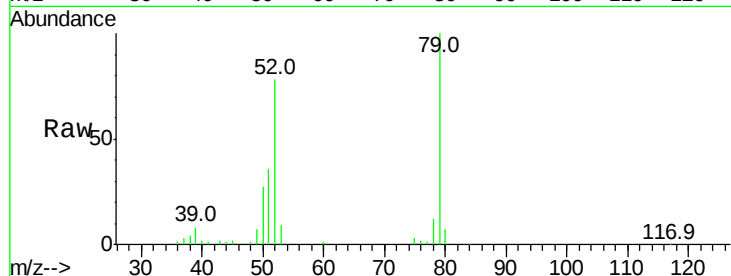
Tot Ion: 79 Resp: 306877

Ion Ratio Lower Upper

79 100

52 78.1 59.8 89.6

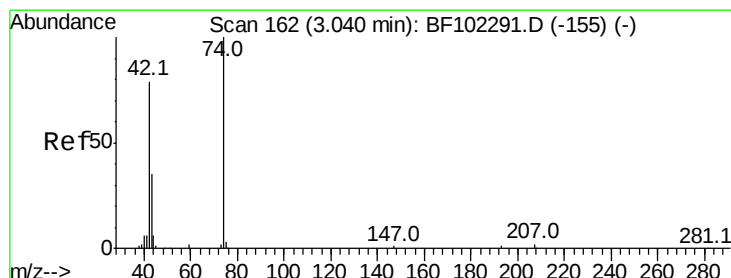
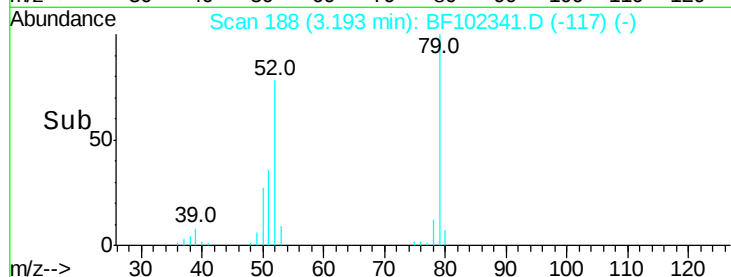
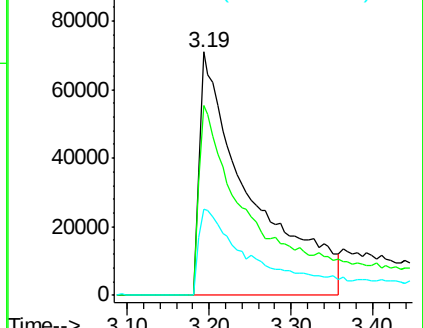
51 35.5 29.8 44.8



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: 0.164 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.04 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

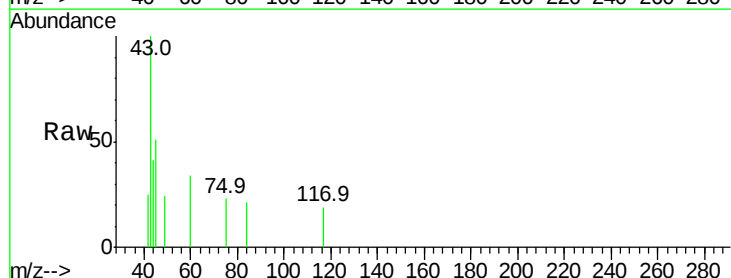
Tgt Ion: 42 Resp: 847

Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

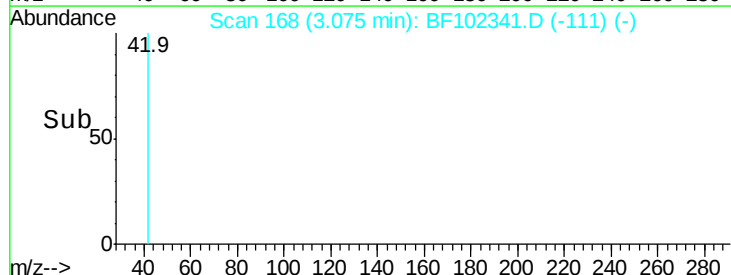
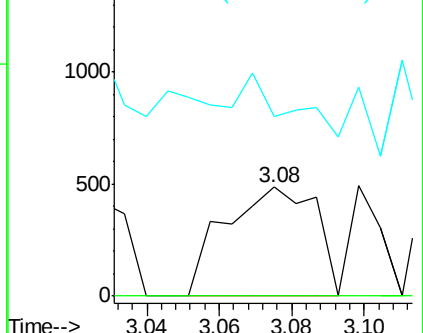
44 164.7 6.9 10.3#

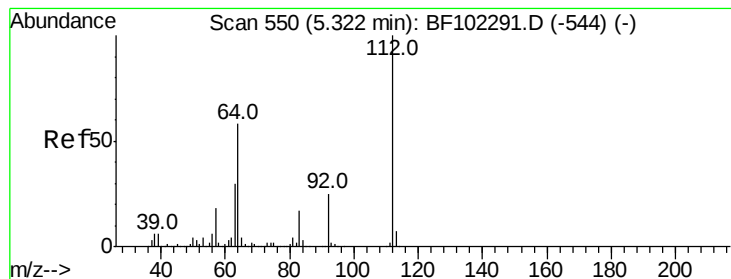


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.359 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

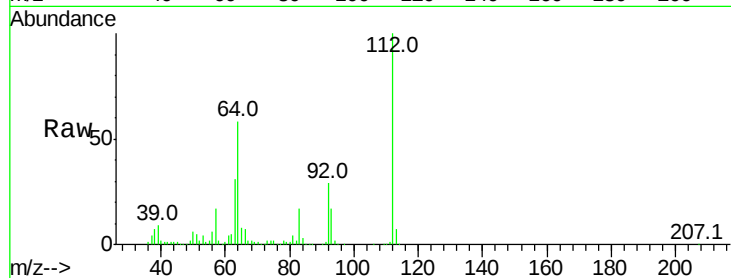
Tot Ion:112 Resp: 1189116

Ion Ratio Lower Upper

112 100

64 58.1 47.9 71.9

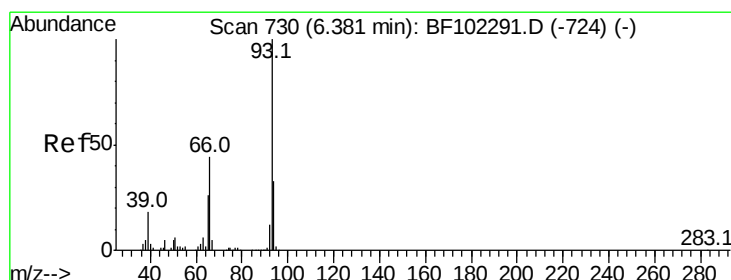
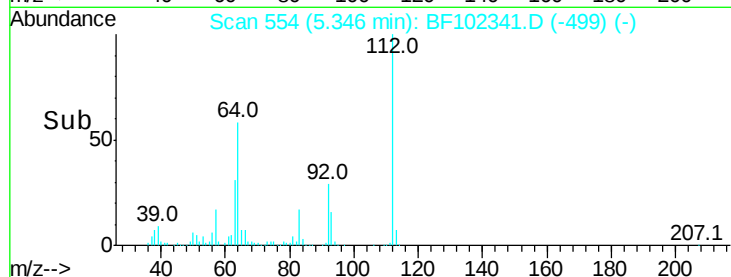
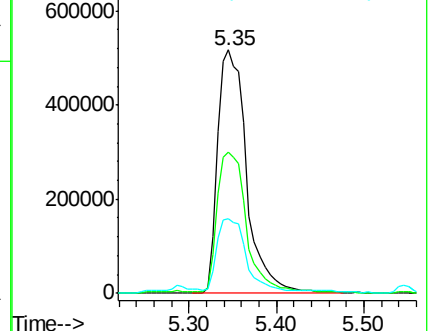
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.582 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

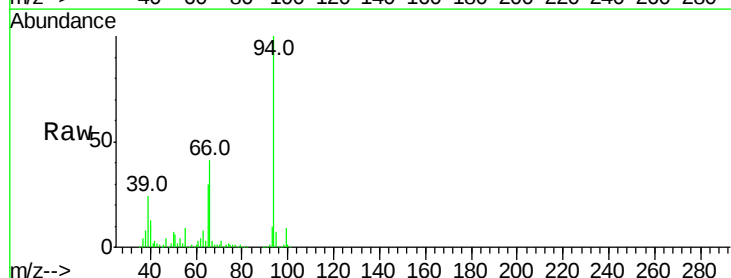
Tgt Ion: 93 Resp: 229209

Ion Ratio Lower Upper

93 100

66 391.7 32.2 48.2#

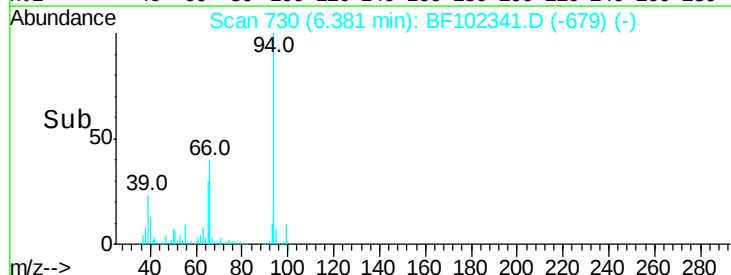
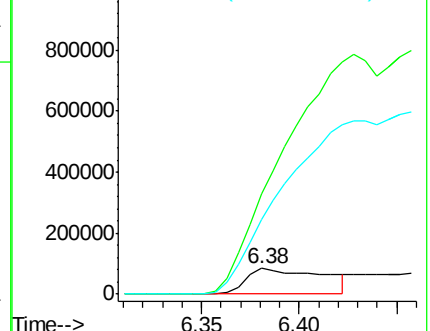
65 290.0 16.4 24.6#

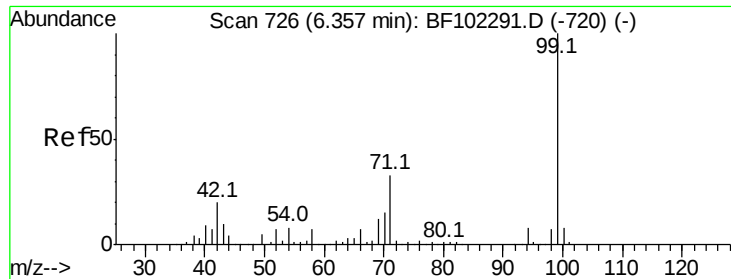


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 35.281 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.07 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

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ClientSampleId :

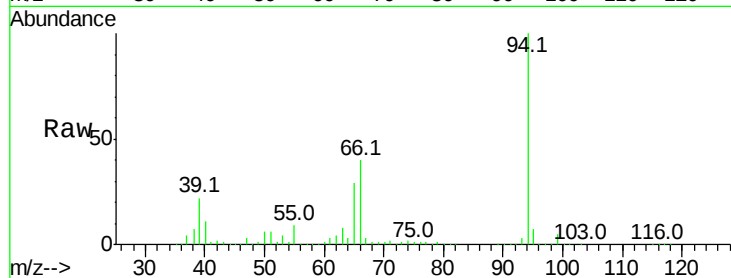
Tot Ion: 99 Resp: 450148

Ion Ratio Lower Upper

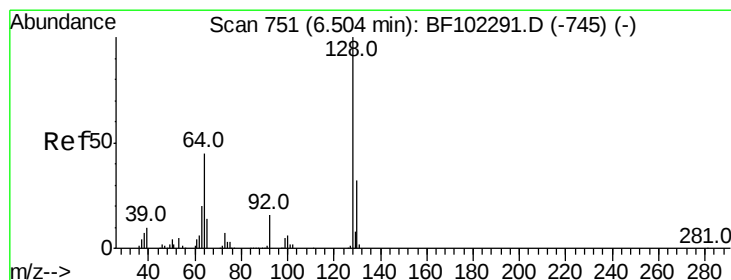
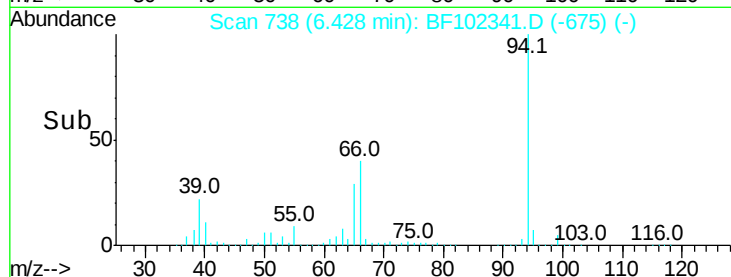
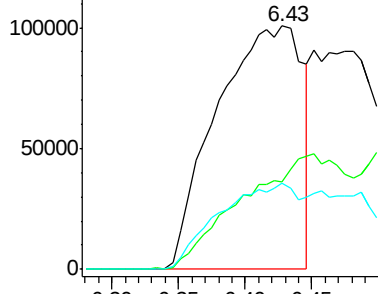
99 100

42 35.8 14.5 21.7#

71 35.3 25.4 38.0



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: 0.010 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

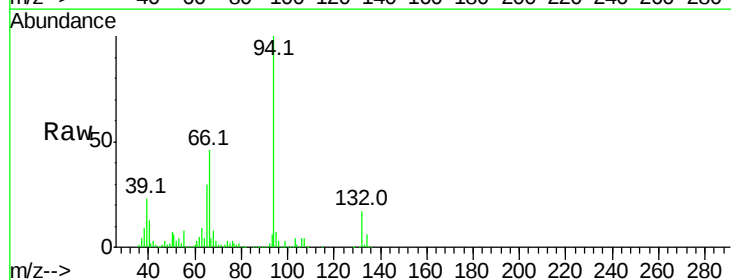
Tgt Ion:128 Resp: 112

Ion Ratio Lower Upper

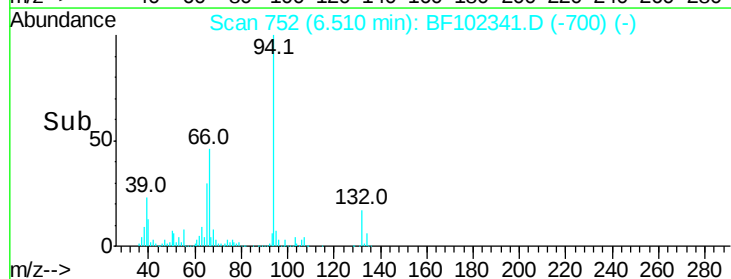
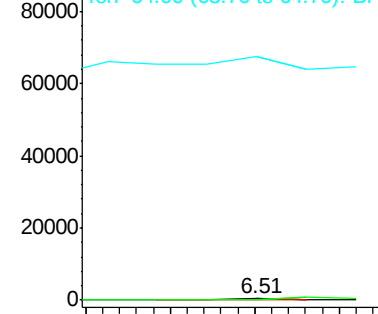
128 100

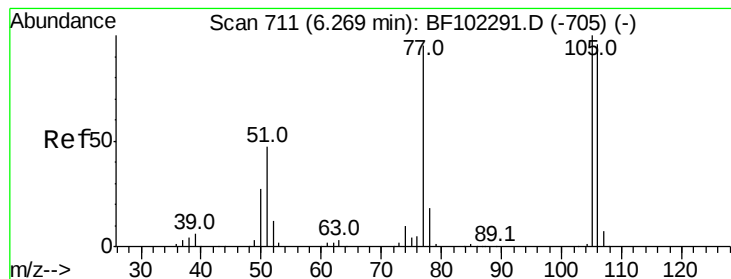
130 0.0 13.0 53.0#

64 21297.2 29.4 69.4#



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: 28.518 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.17 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampled :

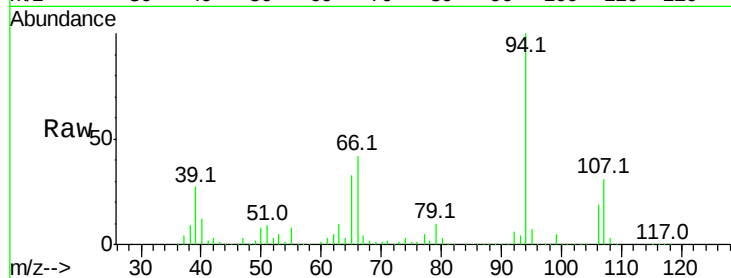
Tot Ion: 77 Resp: 221839

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

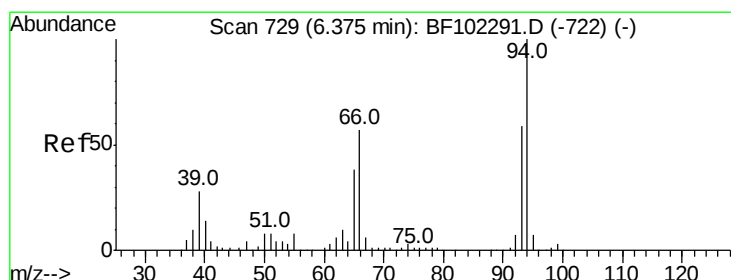
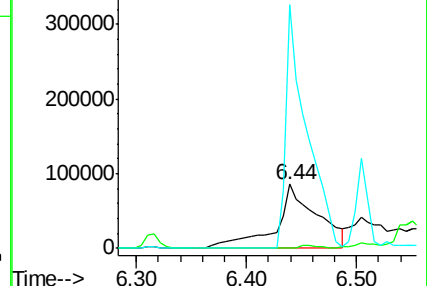
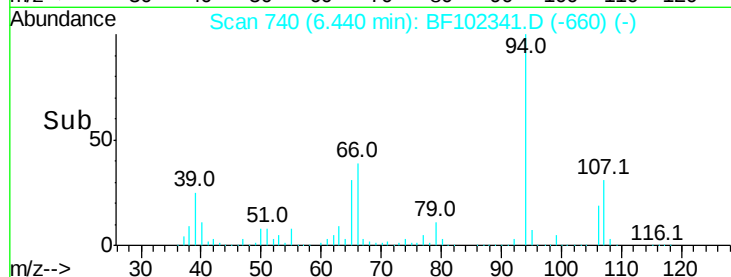
106 379.1 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 455.964 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.05 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

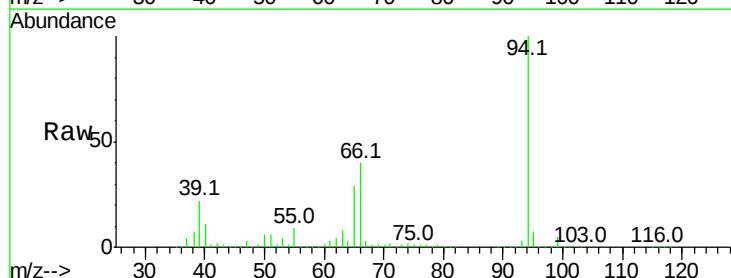
Tgt Ion: 94 Resp: 6351285

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

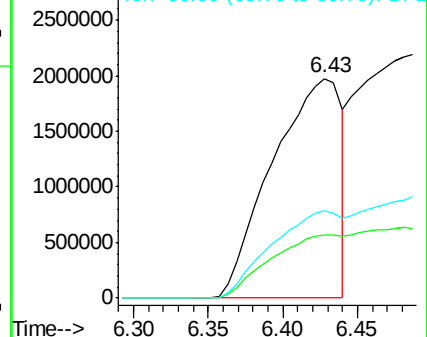
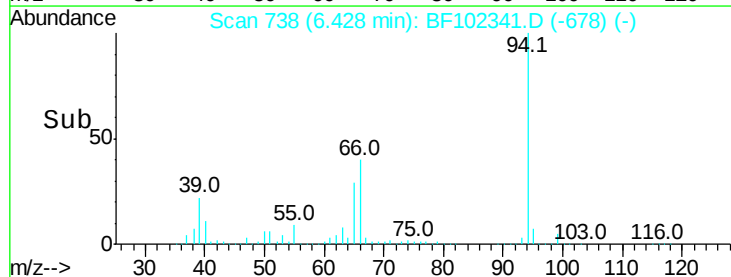
66 39.8 16.2 56.2

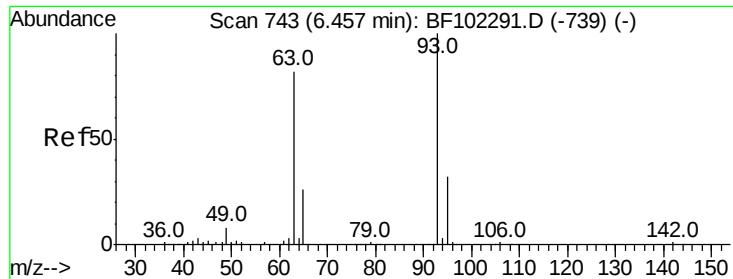


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.249 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.04 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

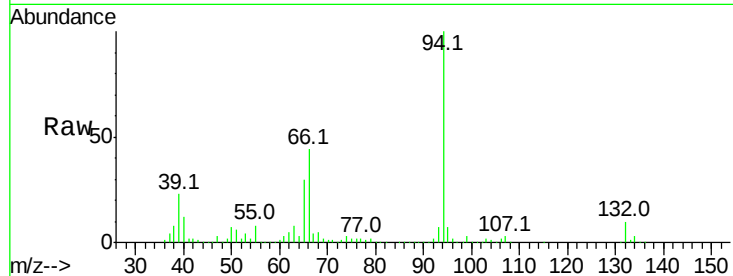
Tot Ion: 93 Resp: 447597

Ion Ratio Lower Upper

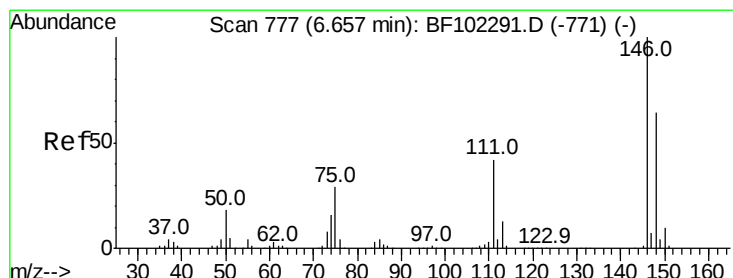
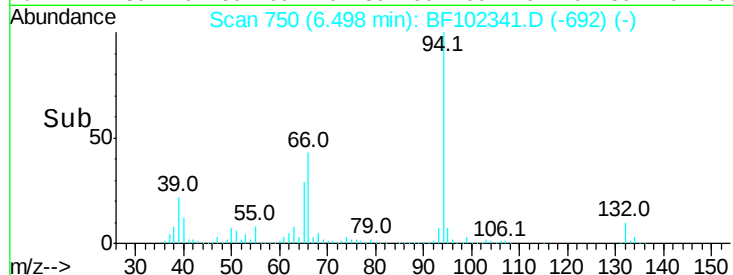
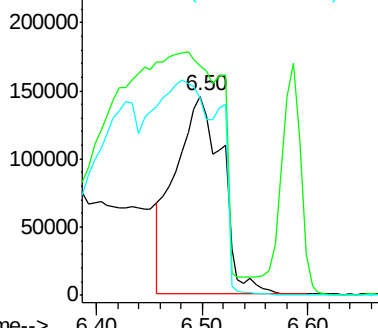
93 100

63 115.1 58.6 98.6#

95 98.9 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 0.028 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.23 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

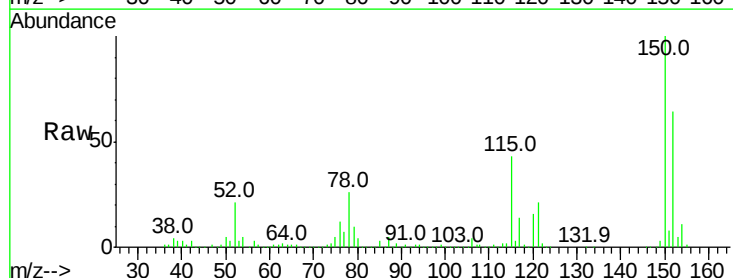
Tgt Ion:146 Resp: 367

Ion Ratio Lower Upper

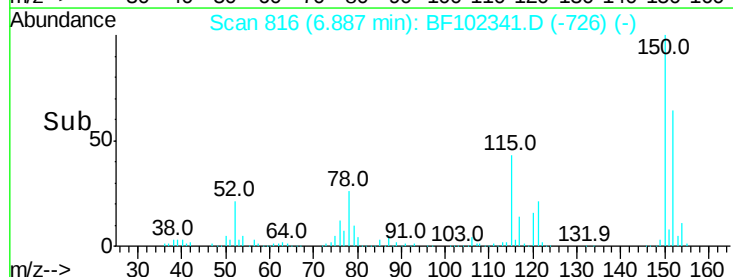
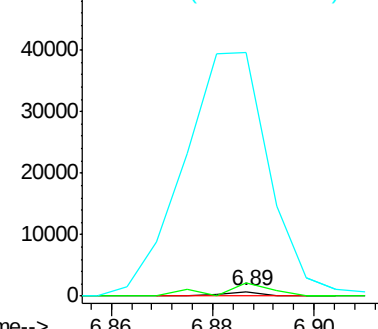
146 100

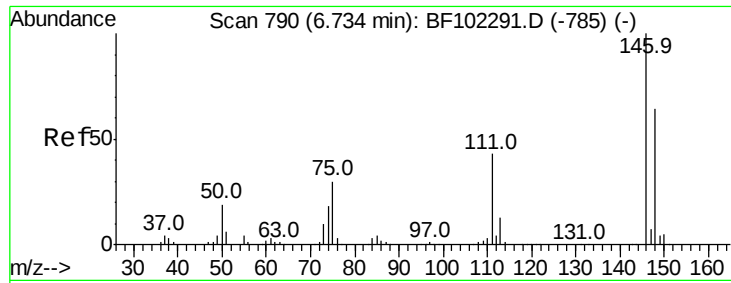
148 293.3 51.8 77.8#

75 5533.0 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 0.028 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.15 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampled :

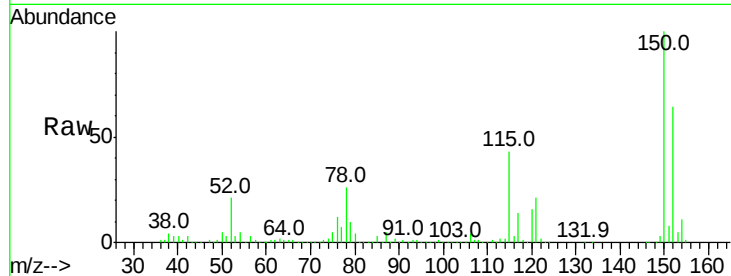
Tot Ion:146 Resp: 367

Ion Ratio Lower Upper

146 100

148 293.3 50.8 76.2#

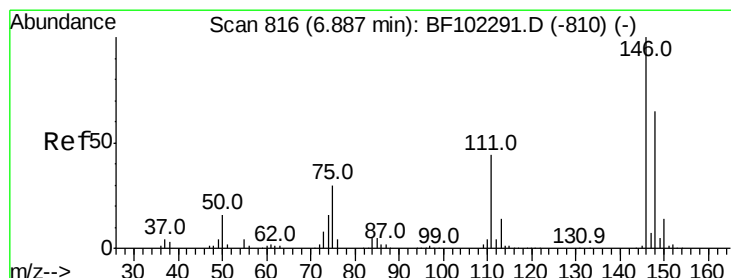
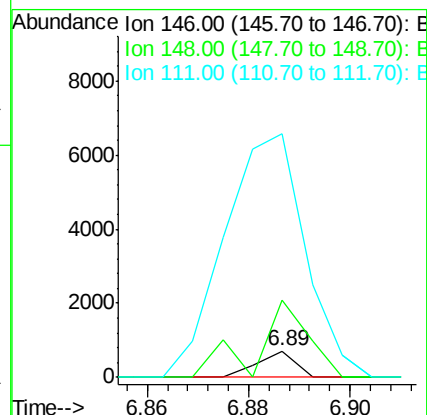
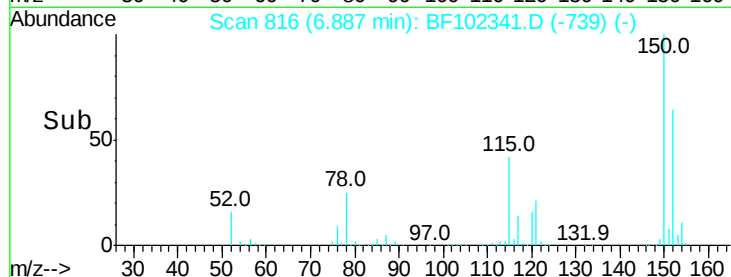
111 918.3 34.2 51.2#



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: 0.030 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

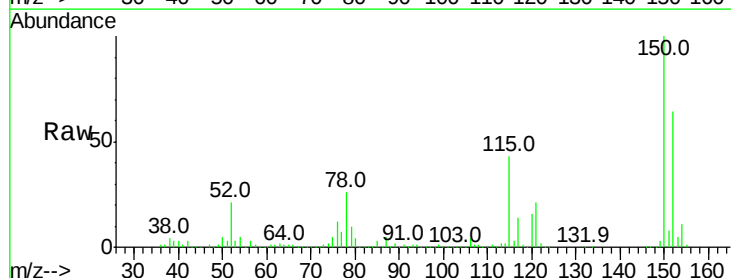
Tgt Ion:146 Resp: 367

Ion Ratio Lower Upper

146 100

148 293.3 50.6 75.8#

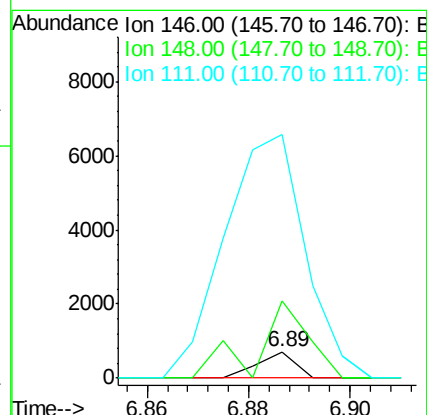
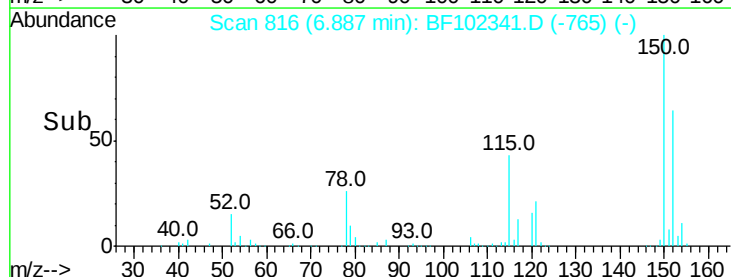
111 918.3 36.0 54.0#

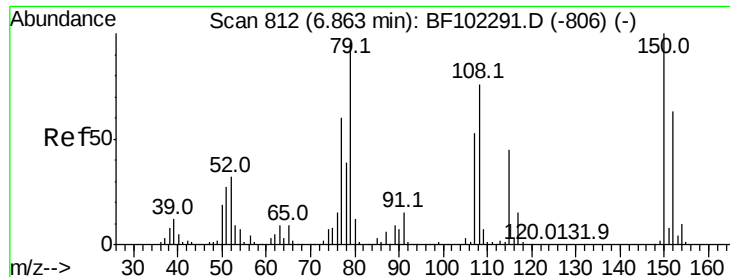


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

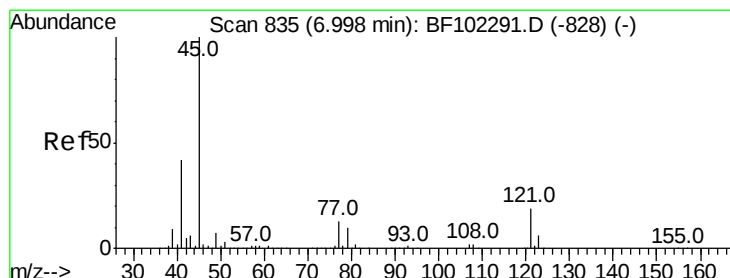
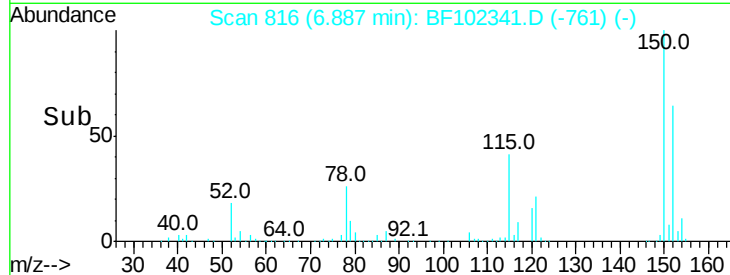
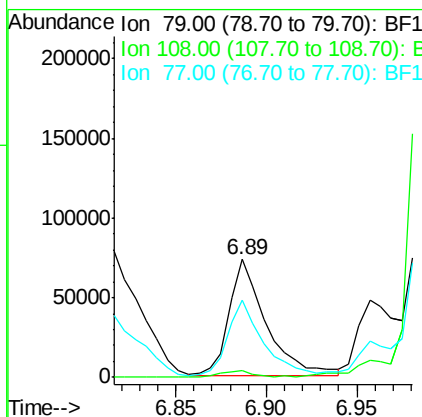
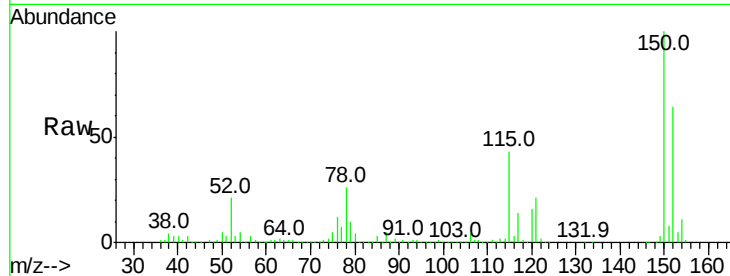




#15
Benzyl Alcohol
Concen: 11.647 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.02 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

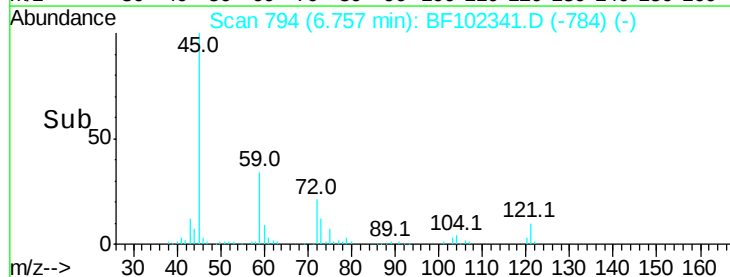
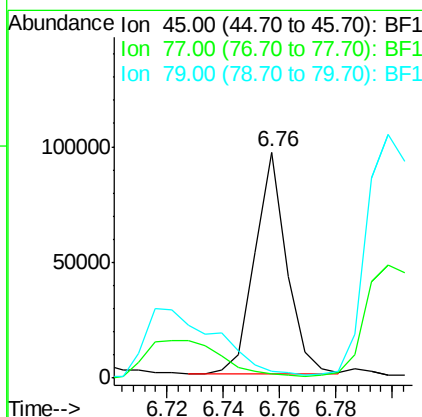
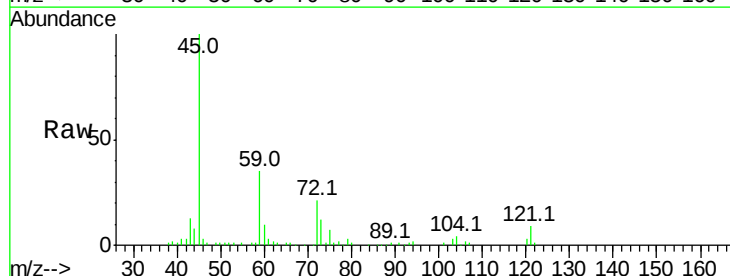
Instrument :
BNA_F
ClientSampled :

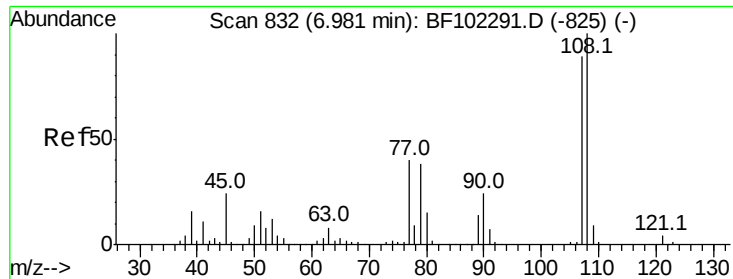
Tot Ion: 79 Resp: 104848
Ion Ratio Lower Upper
79 100
108 5.3 65.1 97.7#
77 65.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 4.176 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.24 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion: 45 Resp: 74198
Ion Ratio Lower Upper
45 100
77 1.8 0.0 32.9
79 3.1 0.0 29.6

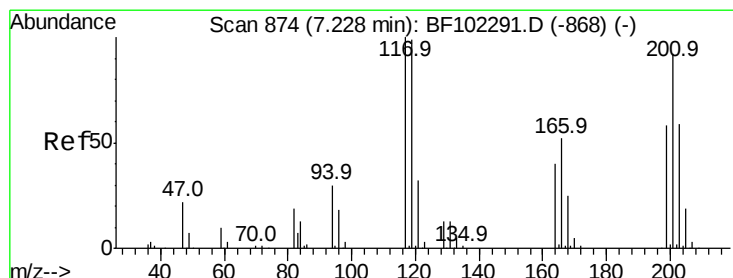
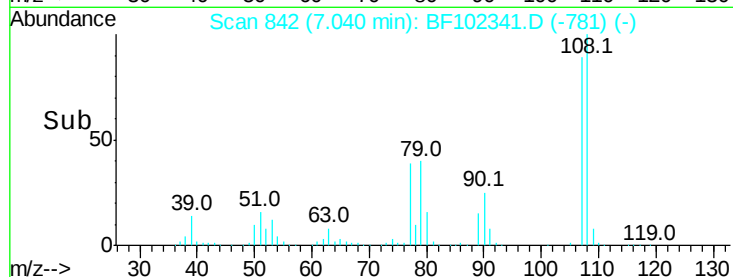
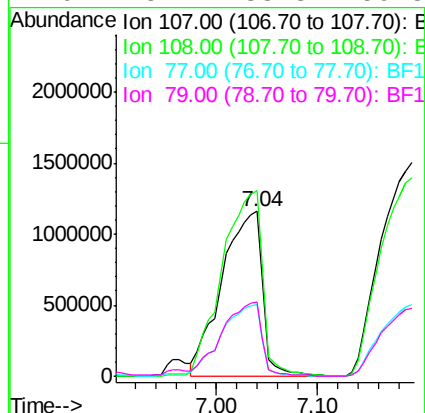
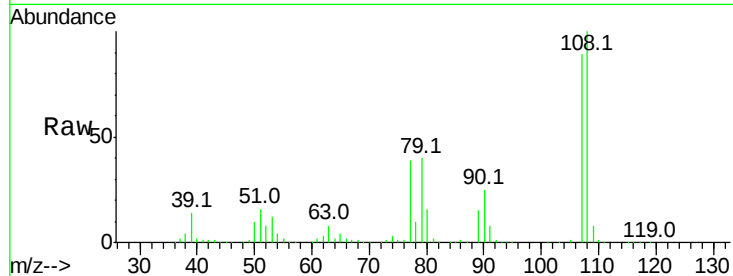




#17
2-Methylphenol
Concen: 334.621 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.06 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

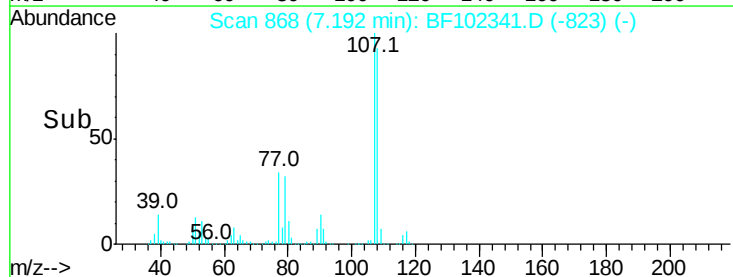
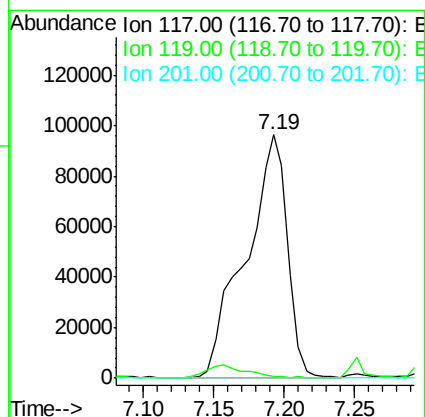
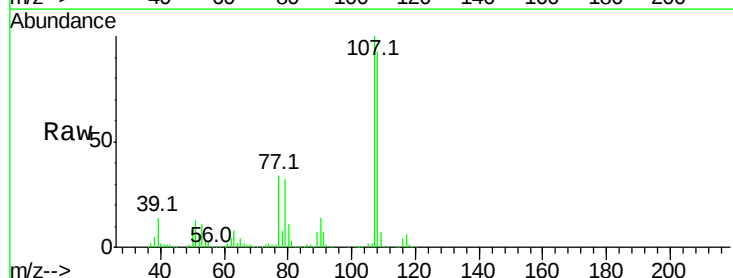
Instrument :
BNA_F
ClientSampled :

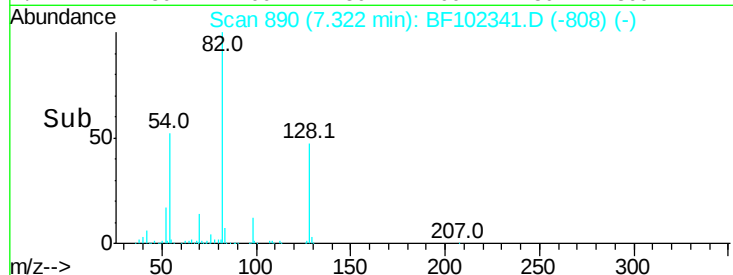
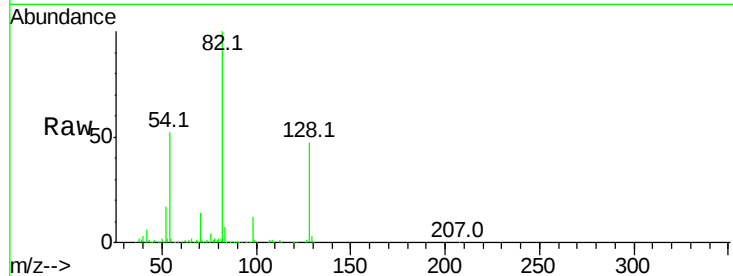
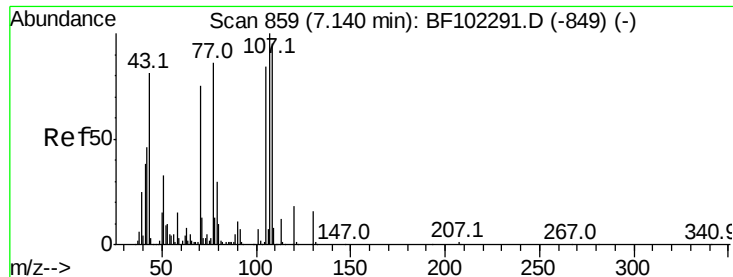
Tot Ion:107 Resp: 3224072
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 43.7 33.8 50.8
79 45.4 33.8 50.8



#18
Hexachloroethane
Concen: 43.342 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.04 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:117 Resp: 199614
Ion Ratio Lower Upper
117 100
119 0.9 75.8 113.8#
201 0.0 75.7 113.5#

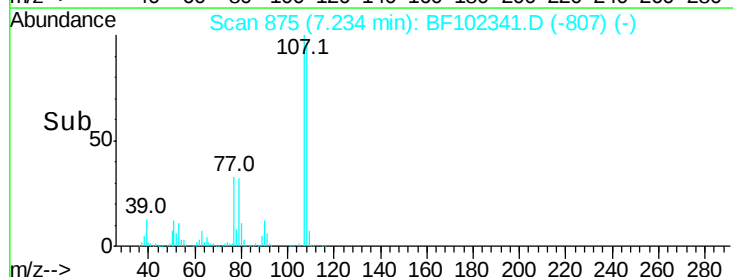
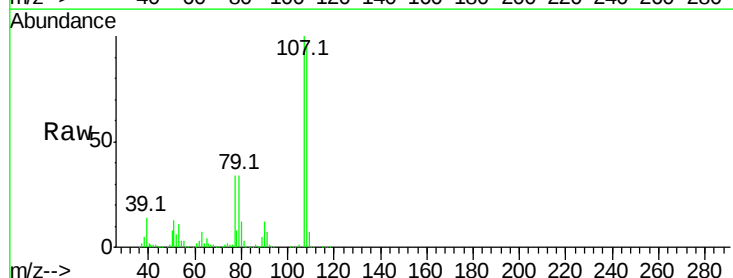
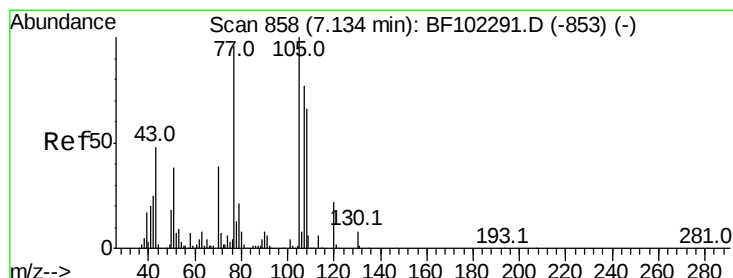
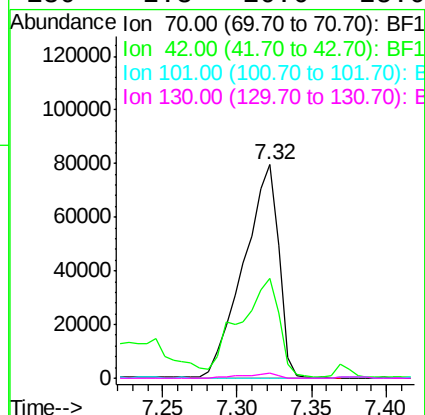




#19
n-Nitroso-di-n-propylamine
Concen: 16.674 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.18 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

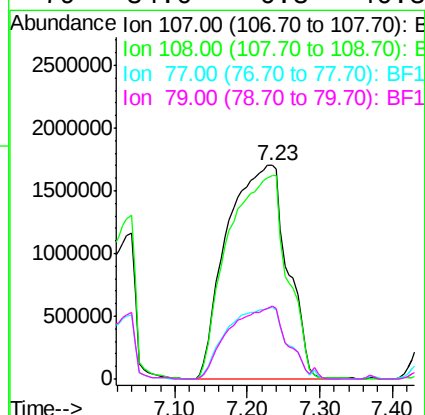
Instrument :
BNA_F
ClientSampleId :

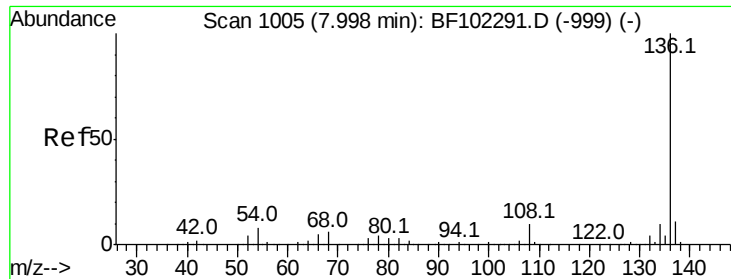
Tot Ion: 70 Resp: 130192
Ion Ratio Lower Upper
70 100
42 47.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#20
3+4-Methylphenols
Concen: 863.893 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.10 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:107 Resp: 9789455
Ion Ratio Lower Upper
107 100
108 95.5 68.2 108.2
77 33.6 26.7 66.7
79 34.0 6.3 46.3

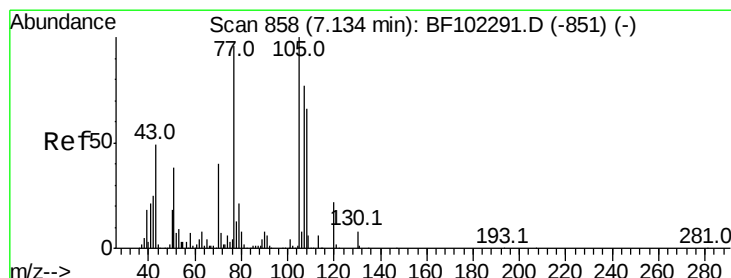
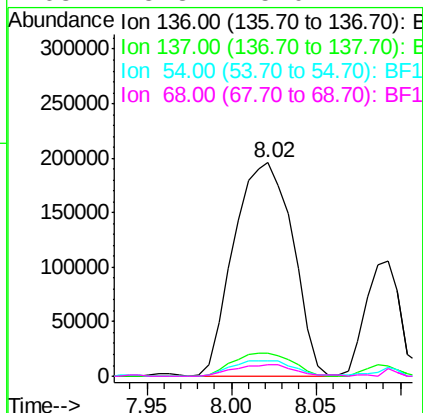
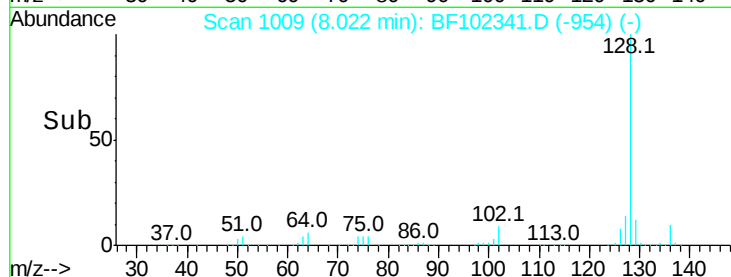
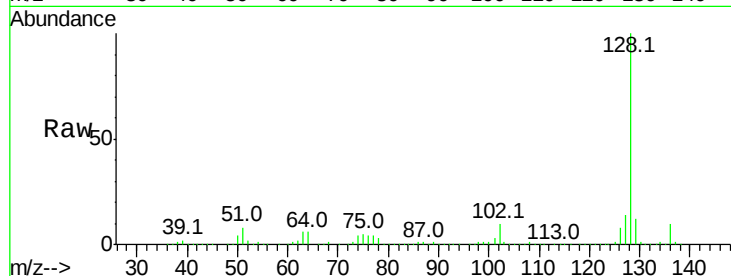




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

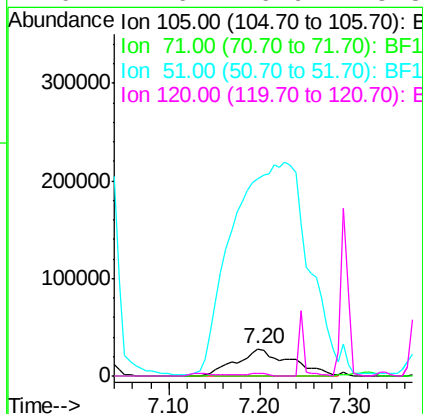
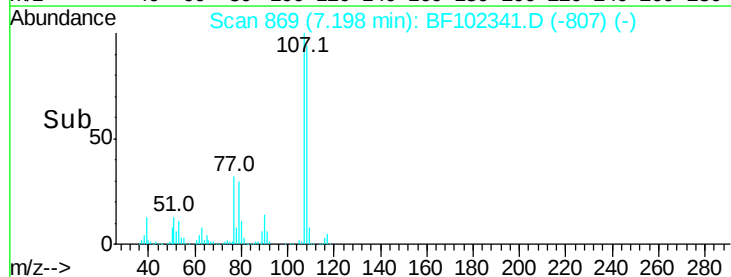
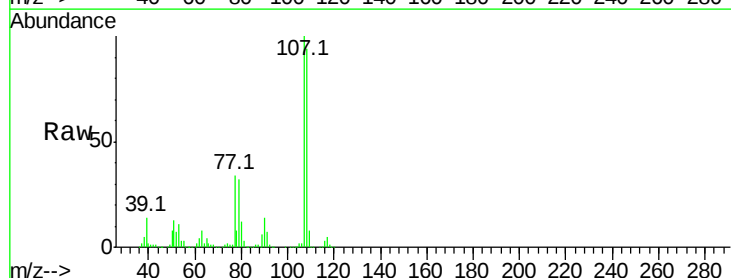
Instrument :
BNA_F
ClientSampleId :

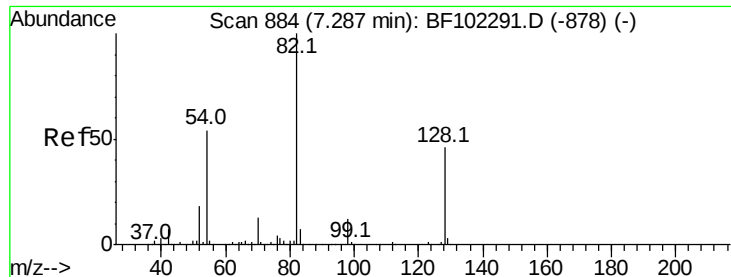
Tot Ion:	136	Resp:	473079
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	5.3	5.0	7.4



#22
Acetophenone
Concen: 10.275 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.06 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:	105	Resp:	115878
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	725.2	22.3	33.5#
120	11.6	16.9	25.3#

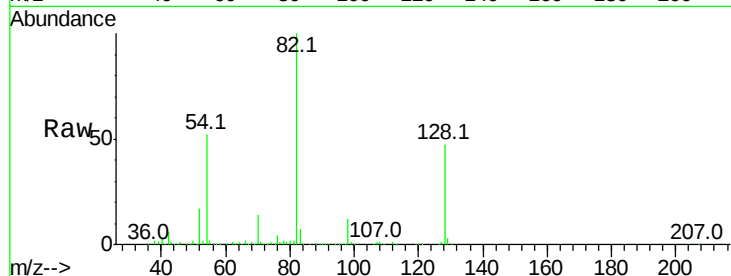




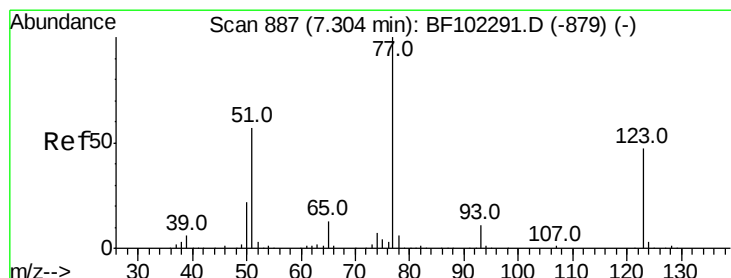
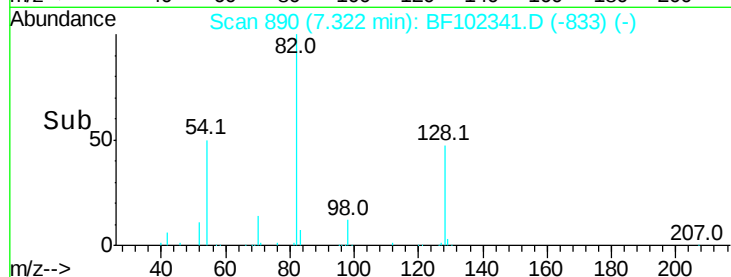
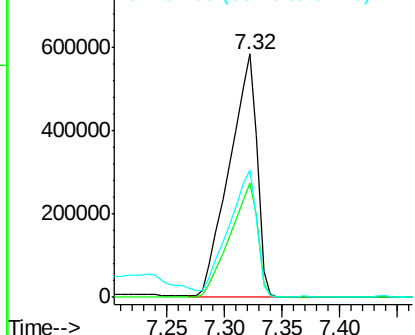
#23
Nitrobenzene-d5
Concen: 118.692 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.04 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 977099
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 52.3 41.4 62.2

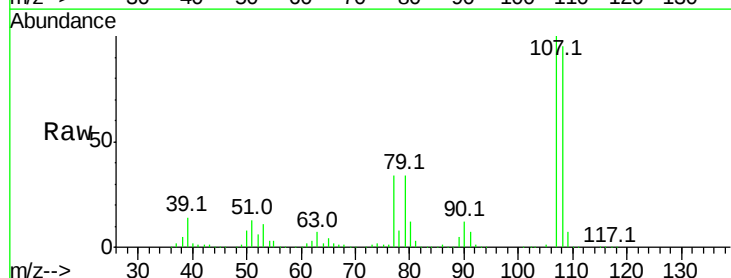


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

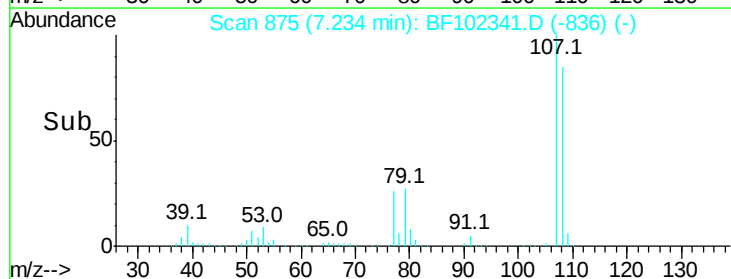
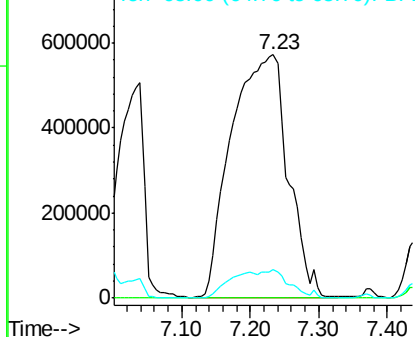


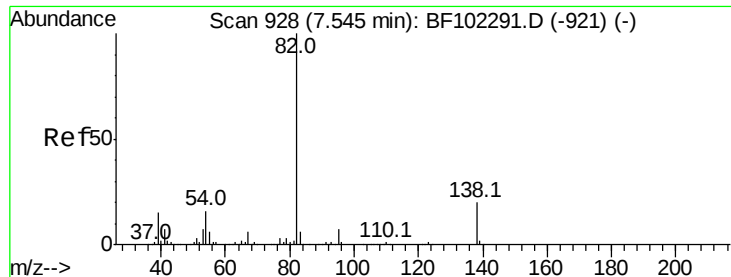
#24
Nitrobenzene
Concen: 387.057 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.07 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion: 77 Resp: 3260791
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 11.7 11.0 16.4



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: 66.099 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.22 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

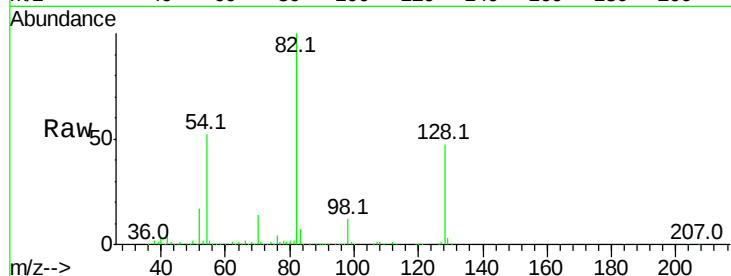
Tot Ion: 82 Resp: 970062

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

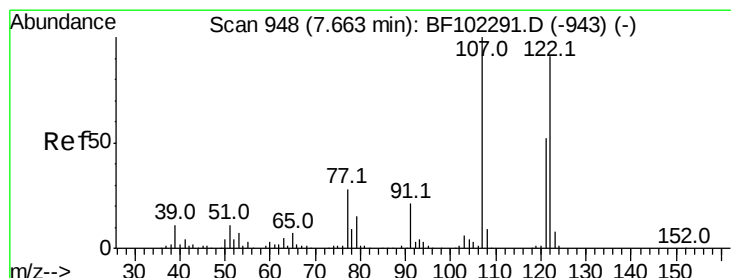
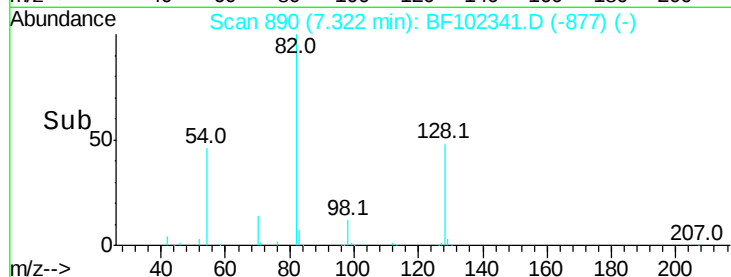
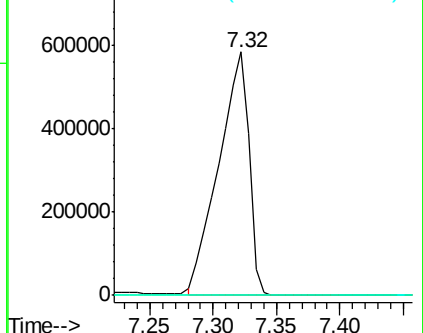
138 0.0 14.9 22.3#



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: 216.548 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.04 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

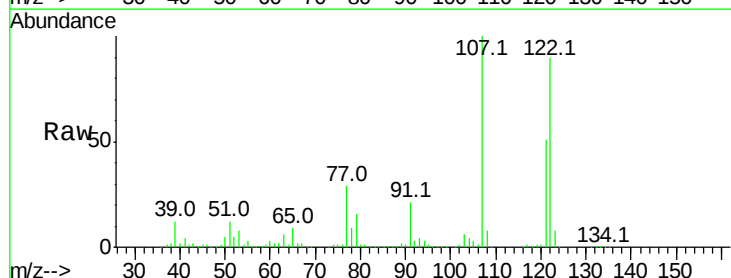
Tgt Ion:122 Resp: 1394210

Ion Ratio Lower Upper

122 100

107 111.4 91.2 136.8

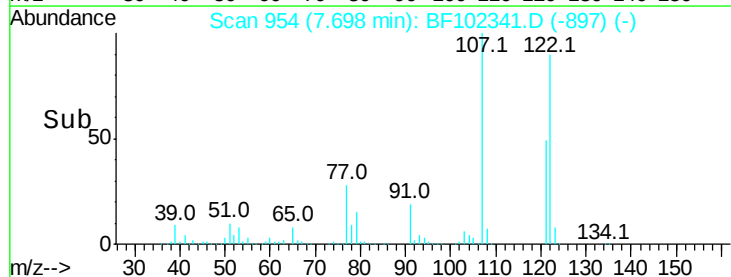
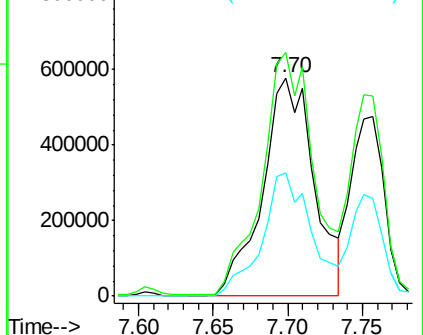
121 56.3 47.2 70.8

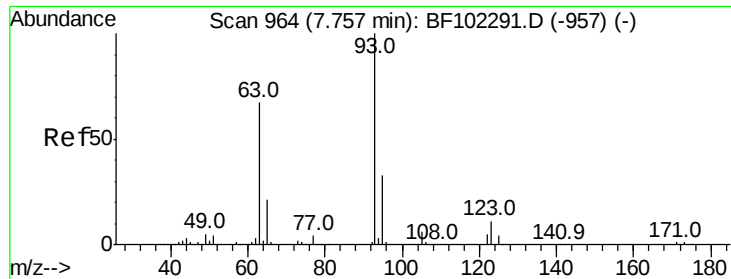


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 3.644 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

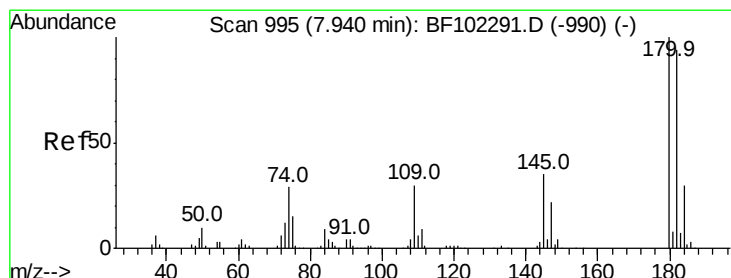
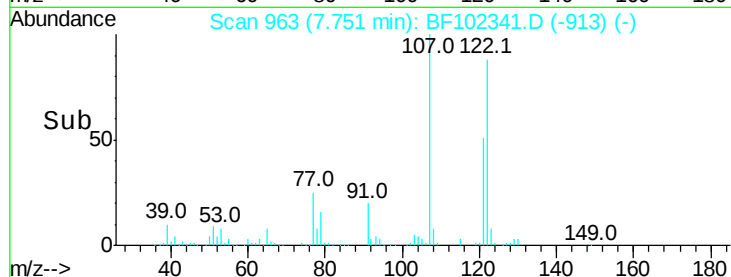
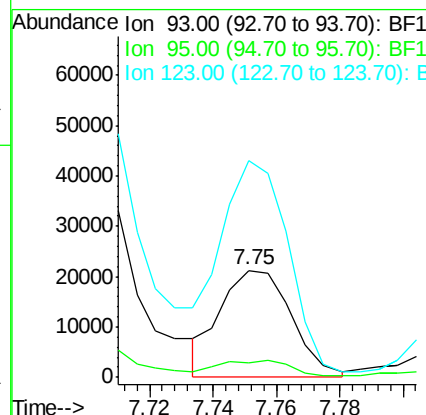
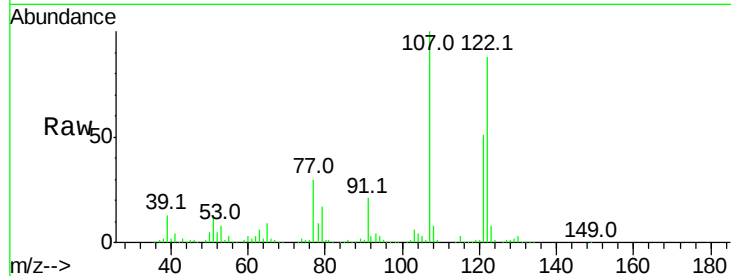
Tot Ion: 93 Resp: 33036

Ion Ratio Lower Upper

93 100

95 13.7 26.3 39.5#

123 203.5 9.8 14.6#



#30

1,2,4-Trichlorobenzene

Concen: 0.049 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.25 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

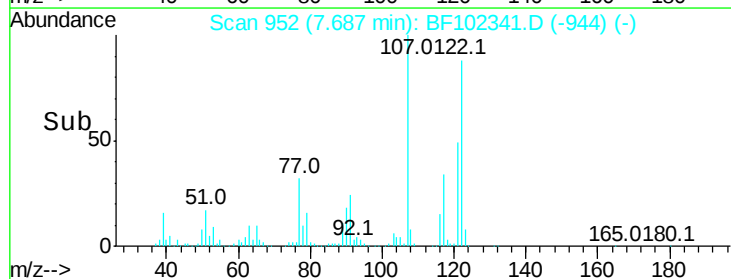
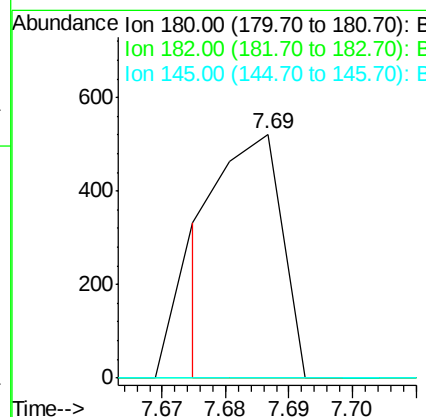
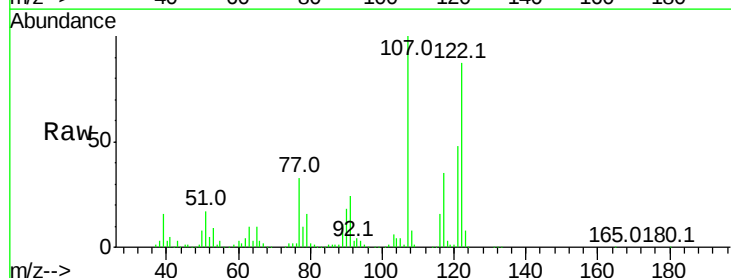
Tgt Ion: 180 Resp: 347

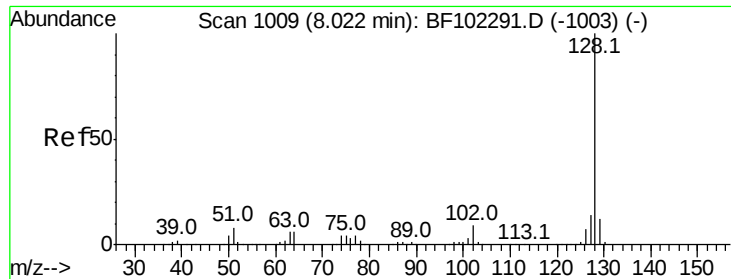
Ion Ratio Lower Upper

180 100

182 0.0 76.8 115.2#

145 0.0 26.5 39.7#

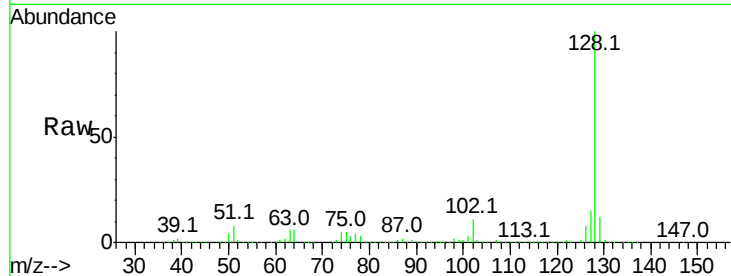




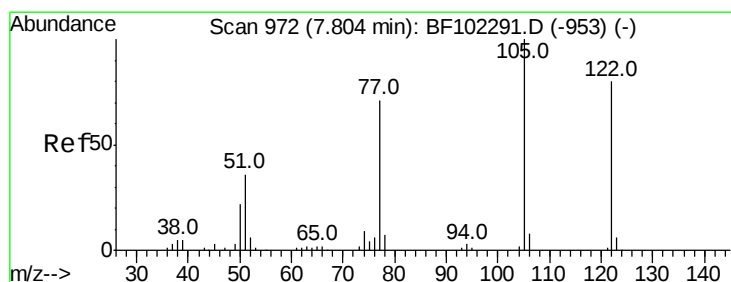
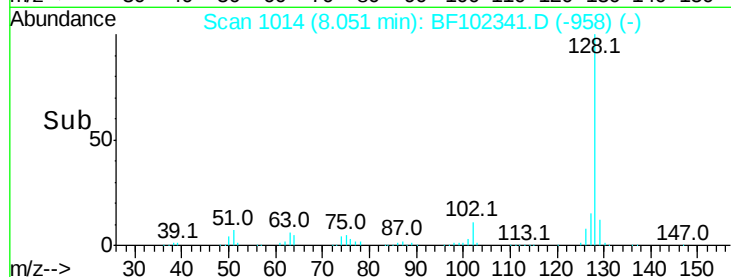
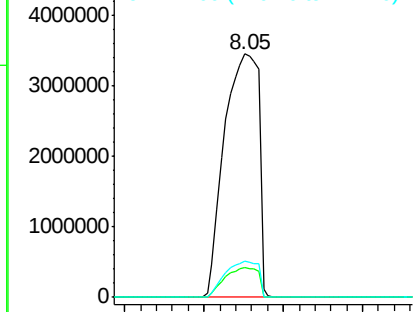
#31
Naphthalene
Concen: 436.127 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.03 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp:10301355
Ion Ratio Lower Upper
128 100
129 12.2 8.8 13.2
127 14.7 10.9 16.3

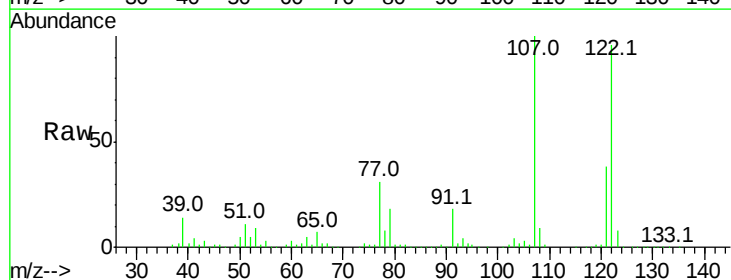


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

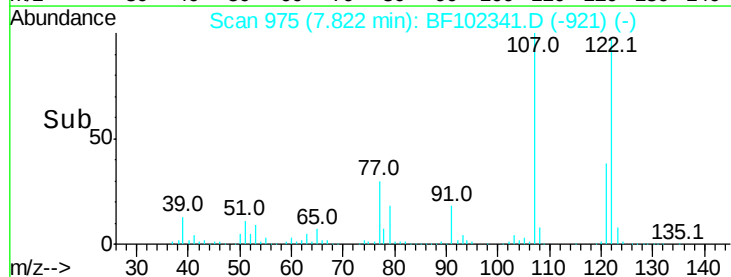
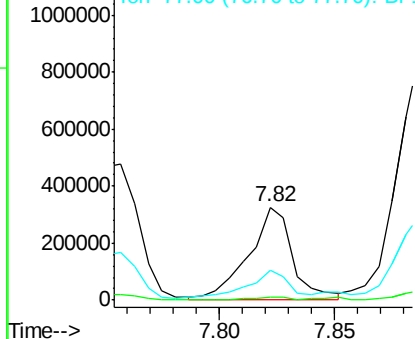


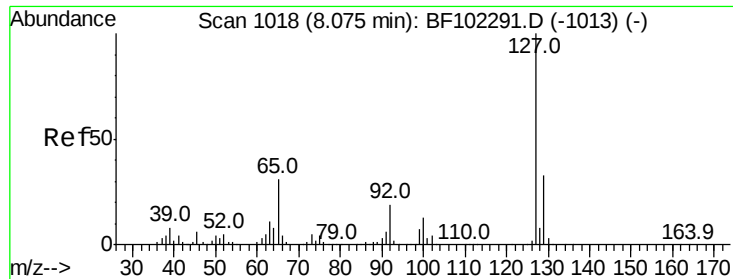
#32
Benzoic acid
Concen: 80.060 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.02 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:122 Resp: 431858
Ion Ratio Lower Upper
122 100
105 3.0 101.1 141.1#
77 31.9 70.7 110.7#



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

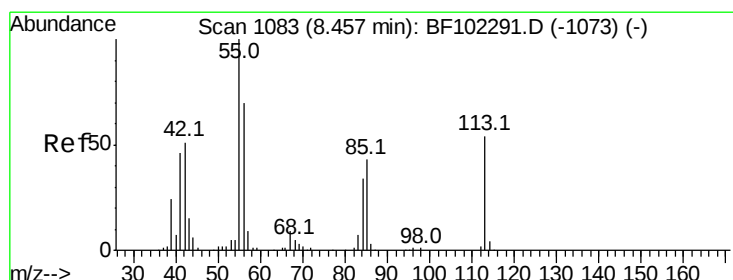
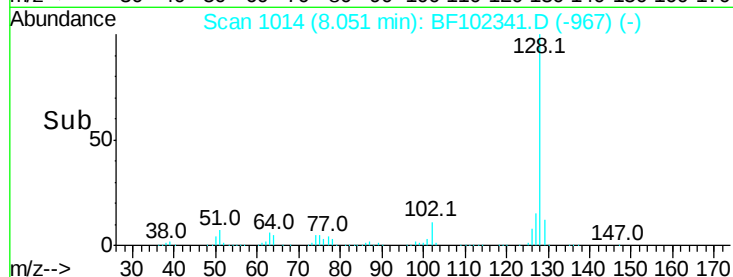
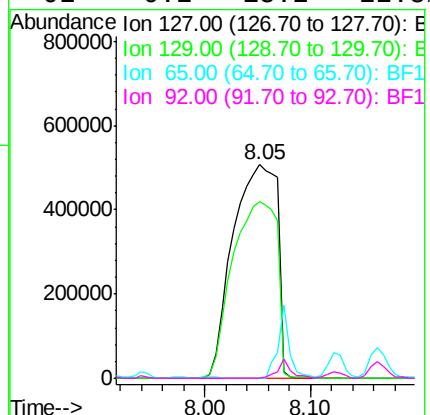
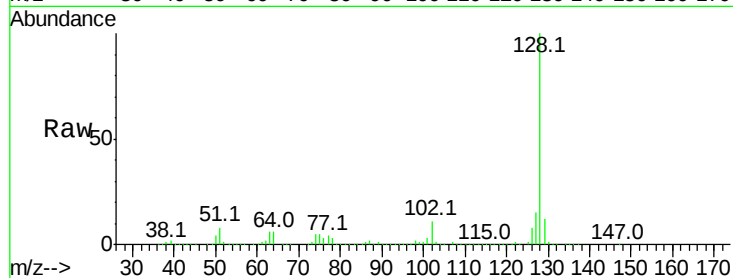




#33
4-Chloroaniline
Concen: 149.752 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

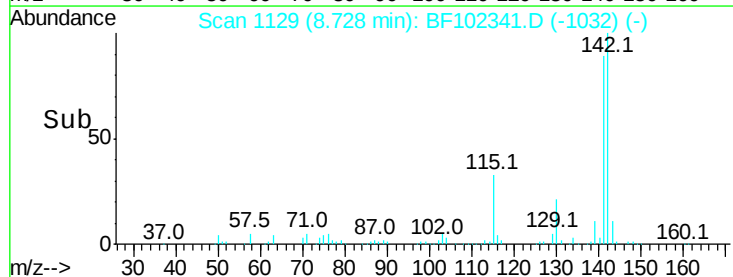
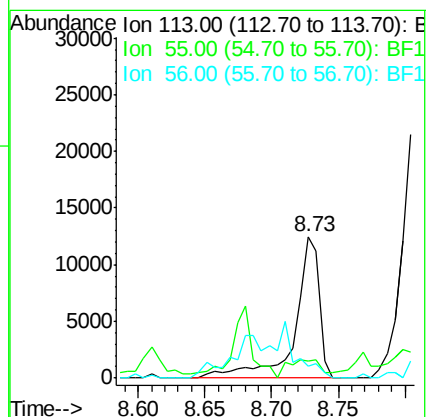
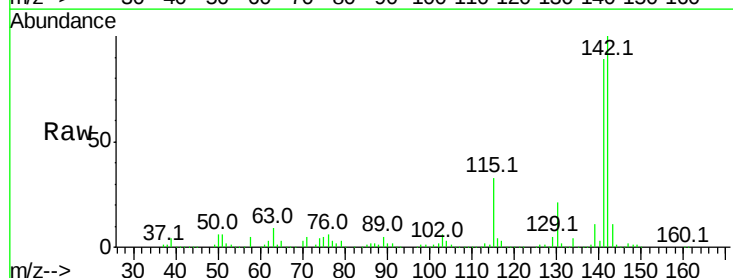
Instrument :
BNA_F
ClientSampleId :

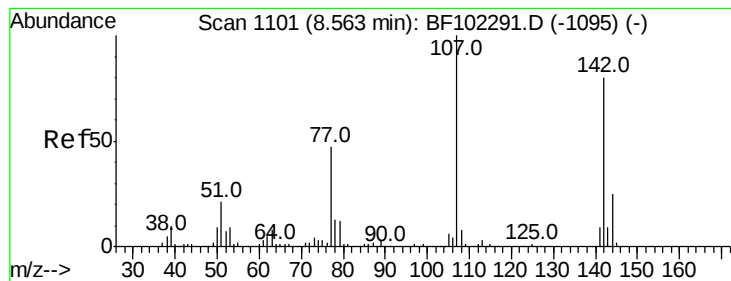
Tot Ion:127 Resp: 1487421
Ion Ratio Lower Upper
127 100
129 82.9 25.9 38.9#
65 0.0 25.0 37.4#
92 0.2 15.2 22.8#



#35
Caprolactam
Concen: 7.235 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.27 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:113 Resp: 15671
Ion Ratio Lower Upper
113 100
55 12.3 163.3 203.3#
56 8.1 115.7 155.7#





#36

4-Chloro-3-methylphenol

Concen: 0.791 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.05 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

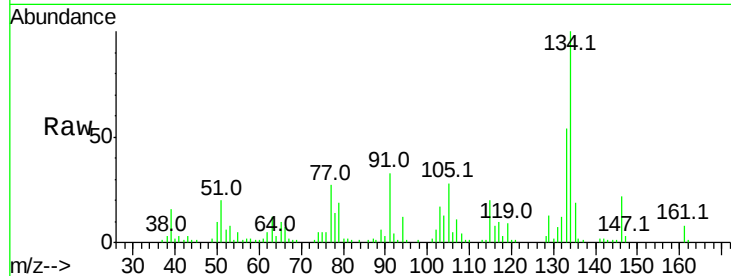
Tot Ion:107 Resp: 5470

Ion Ratio Lower Upper

107 100

144 12.6 20.5 30.7#

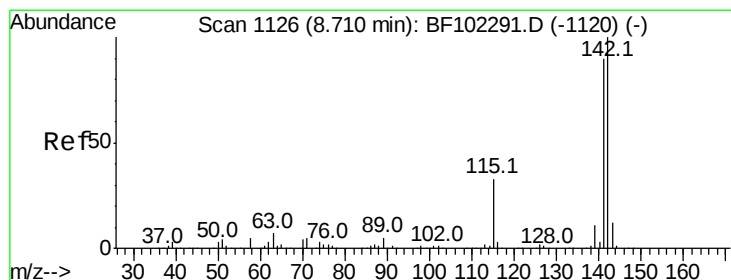
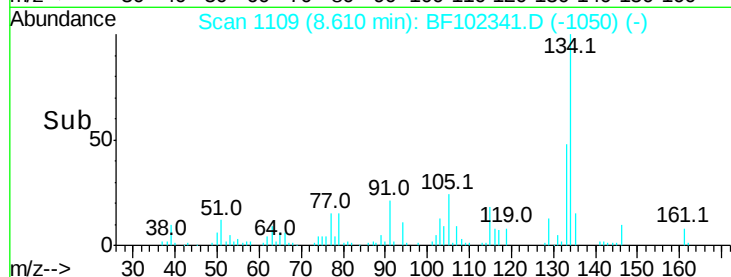
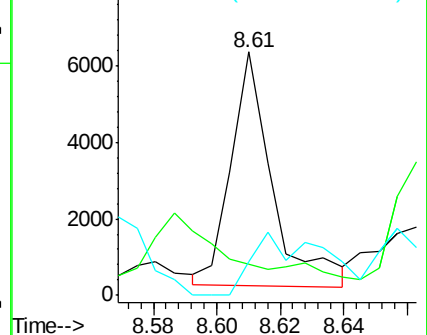
142 14.0 62.0 93.0#



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: 37.719 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

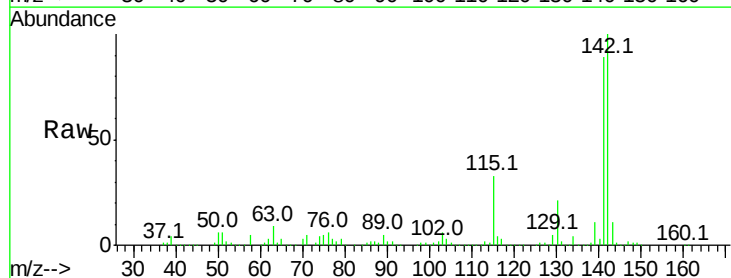
Tgt Ion:142 Resp: 593328

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

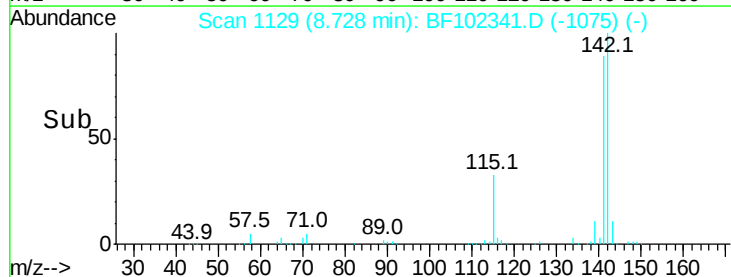
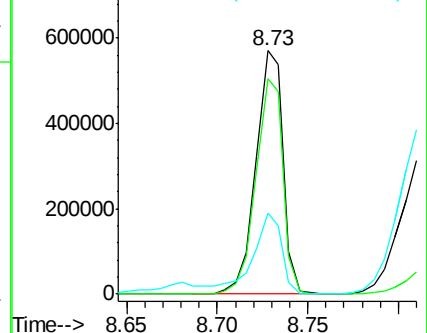
115 33.1 26.1 39.1

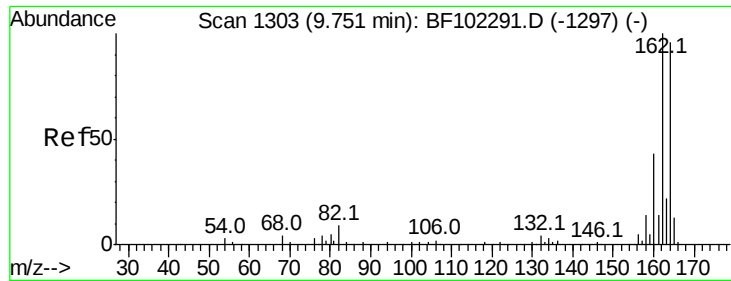


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

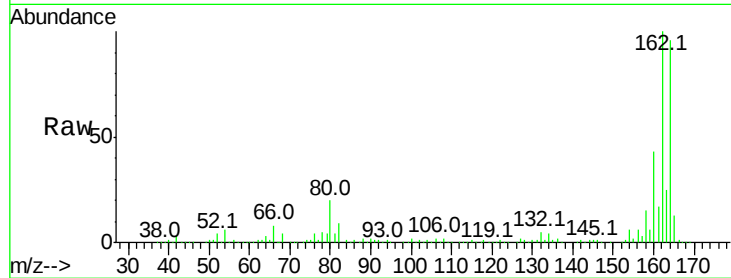




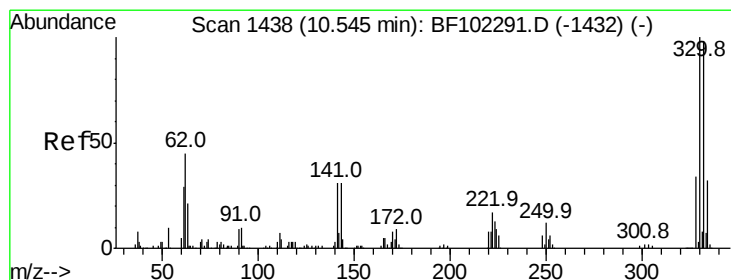
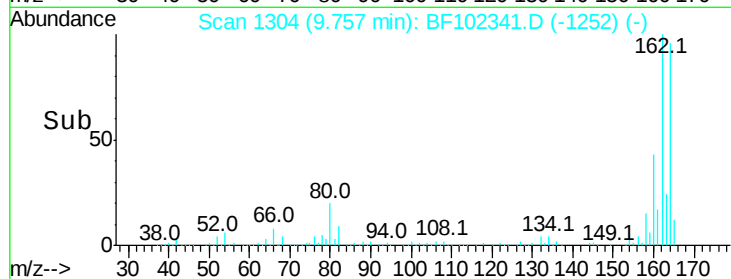
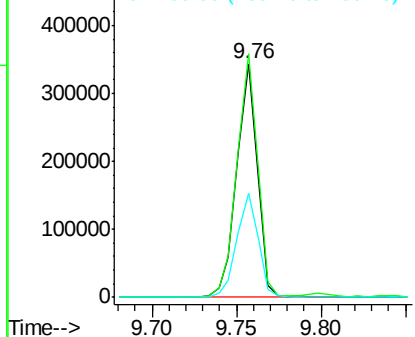
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 291282
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 44.8 38.3 57.5

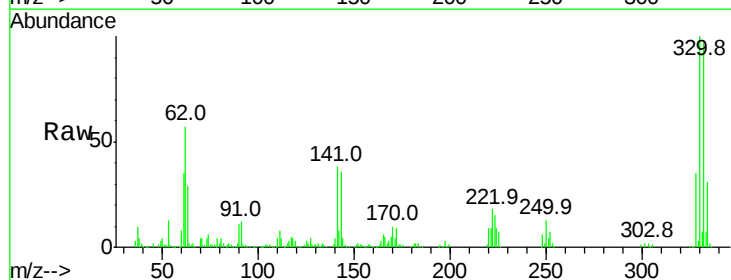


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

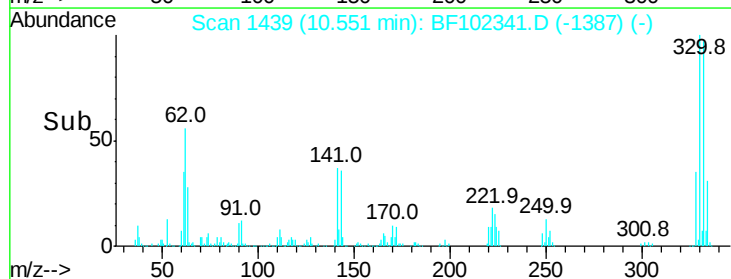
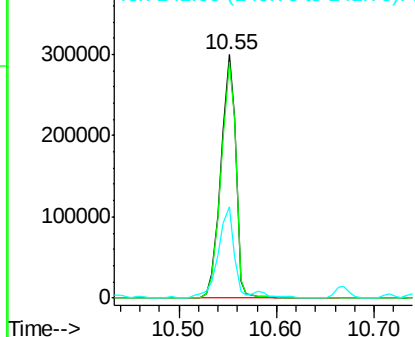


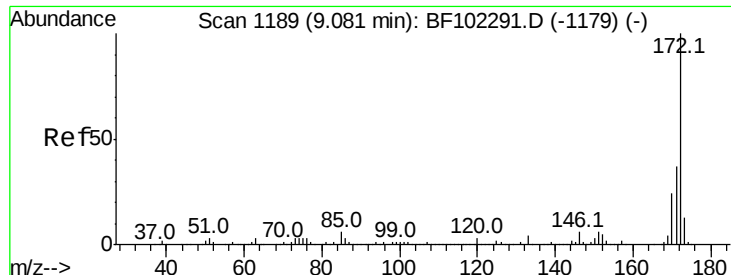
#41
 2,4,6-Tribromophenol
 Concen: 110.761 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Tgt Ion:330 Resp: 319676
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 38.9 29.9 44.9



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



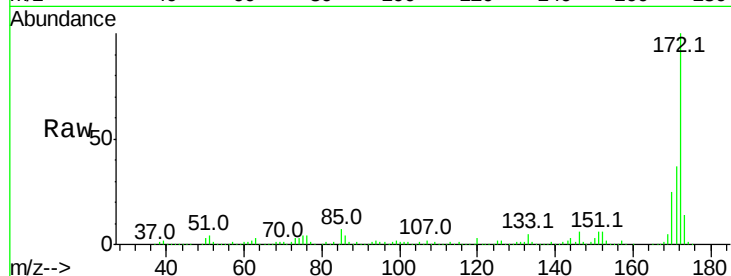


#44
 2-Fluorobiphenyl
 Concen: 79.709 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

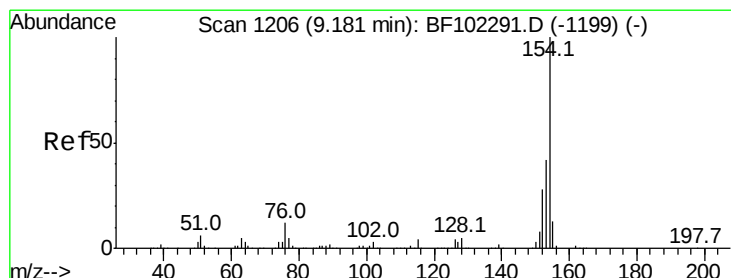
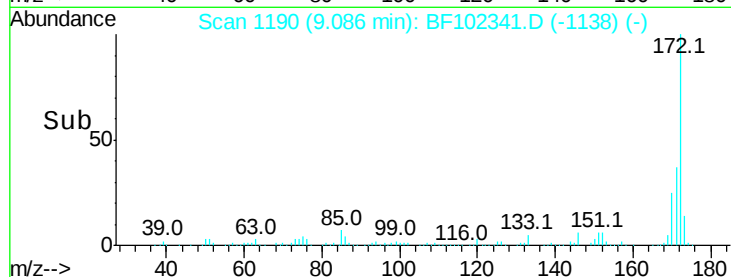
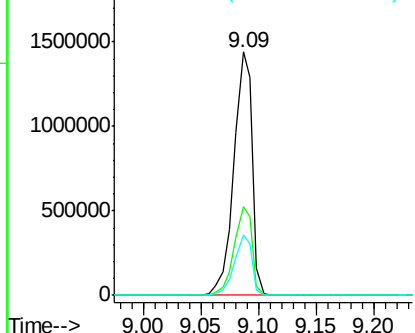
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1579062

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4



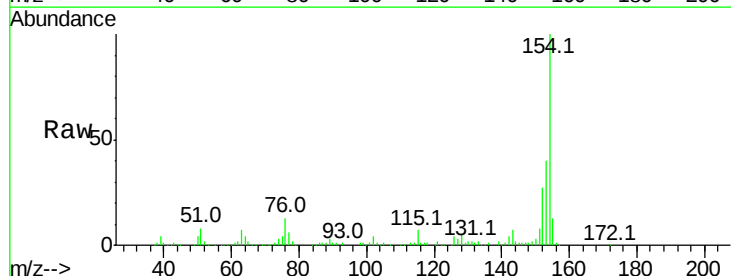
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



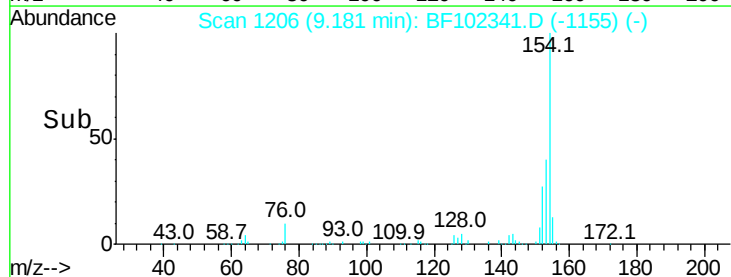
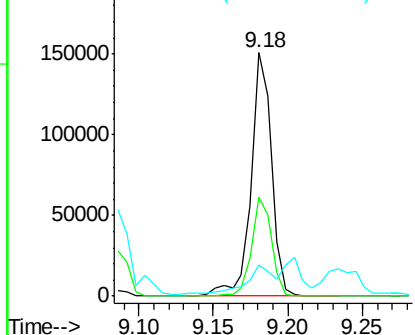
#45
 1,1'-Biphenyl
 Concen: 5.444 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

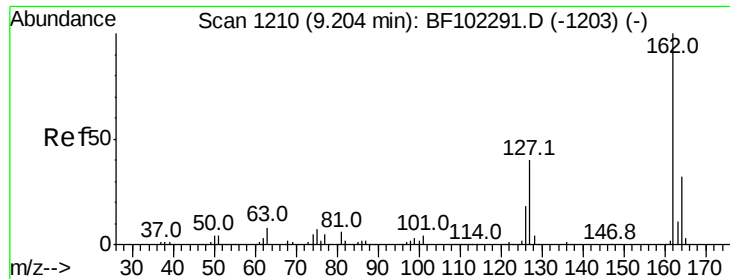
Tgt Ion:154 Resp: 141779

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.8	0.0	34.0



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

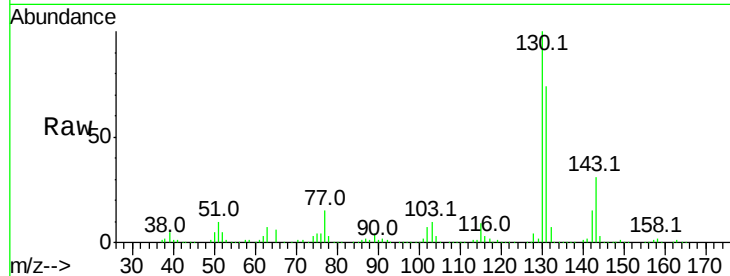




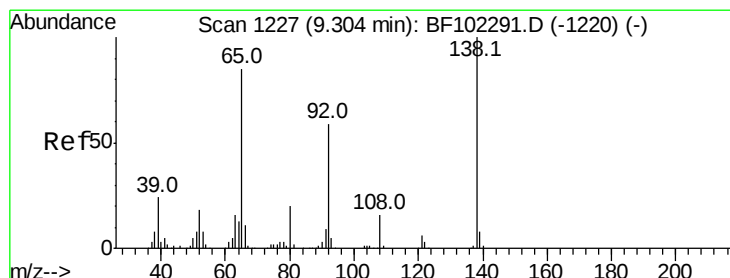
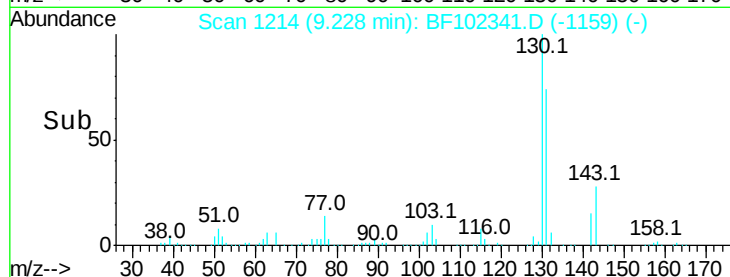
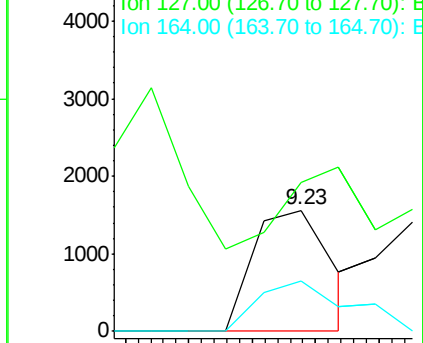
#46
2-Chloronaphthalene
Concen: 0.065 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1321
Ion Ratio Lower Upper
162 100
127 123.3 33.9 50.9#
164 41.3 26.5 39.7#

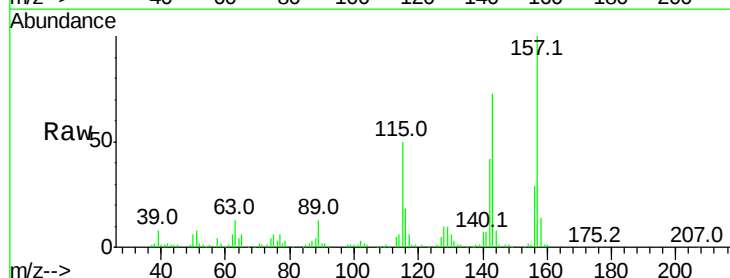


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

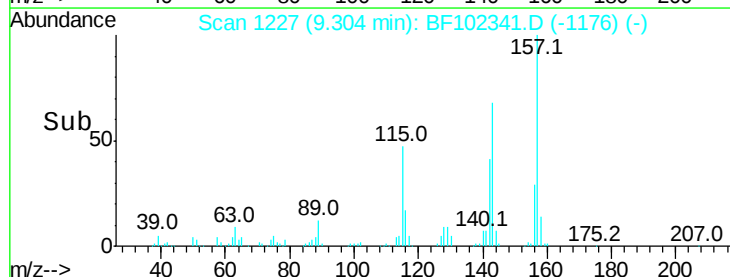
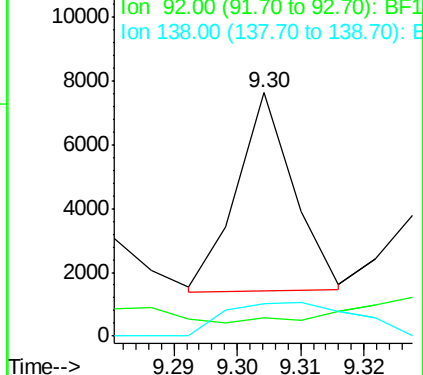


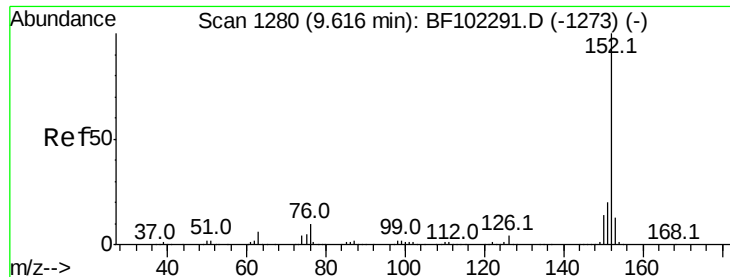
#47
2-Nitroaniline
Concen: 0.609 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion: 65 Resp: 3843
Ion Ratio Lower Upper
65 100
92 7.5 55.8 83.6#
138 13.2 91.2 136.8#



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





#48

Acenaphthylene

Concen: 44.162 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

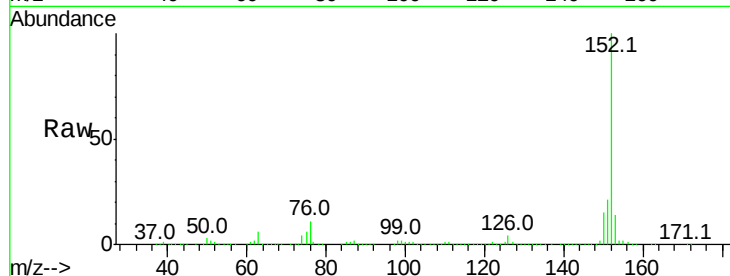
Tot Ion:152 Resp: 1392869

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.6	10.7	16.1

152 100

151 21.1 16.3 24.5

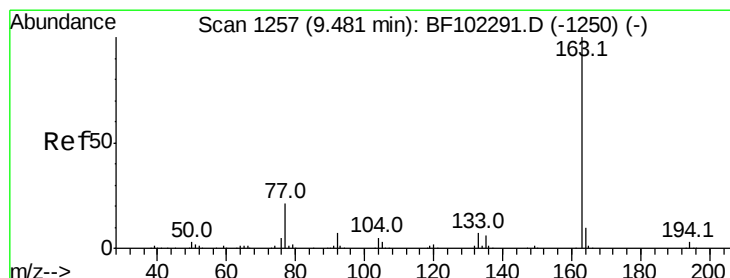
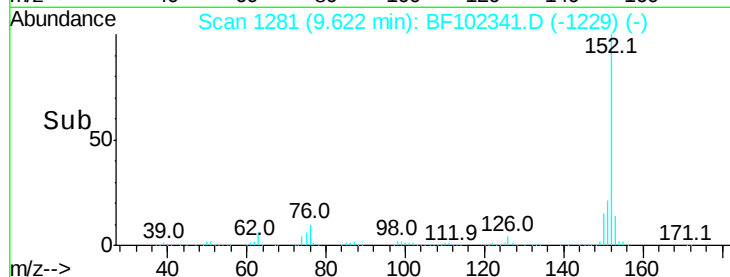
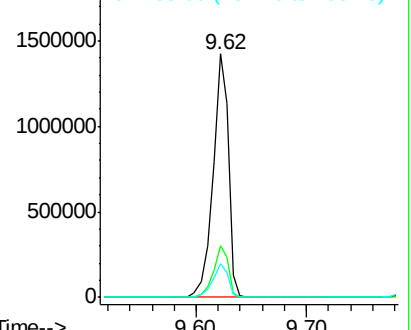
153 13.6 10.7 16.1



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



#49

Dimethylphthalate

Concen: 0.193 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

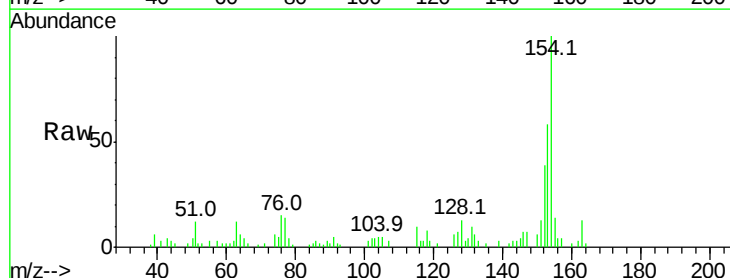
Tgt Ion:163 Resp: 4652

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	12.2	8.2	12.2

163 100

194 0.0 2.7 4.1#

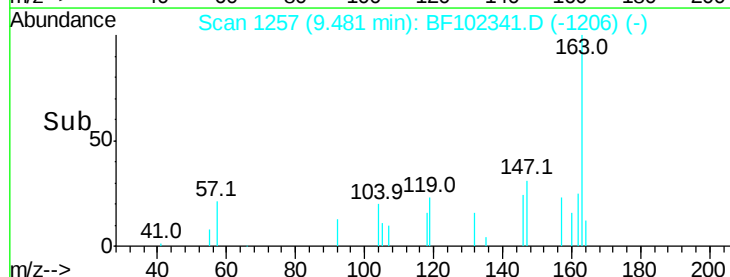
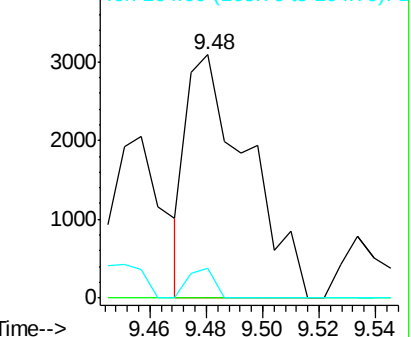
164 12.2 8.2 12.2

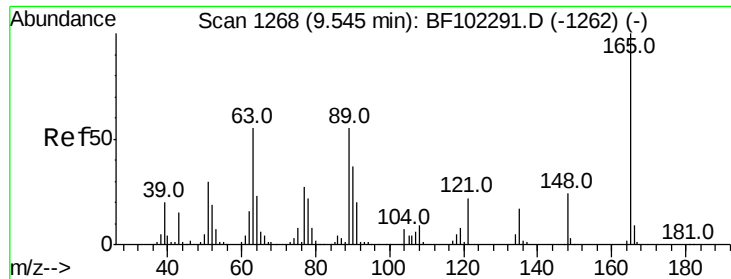


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 7.678 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

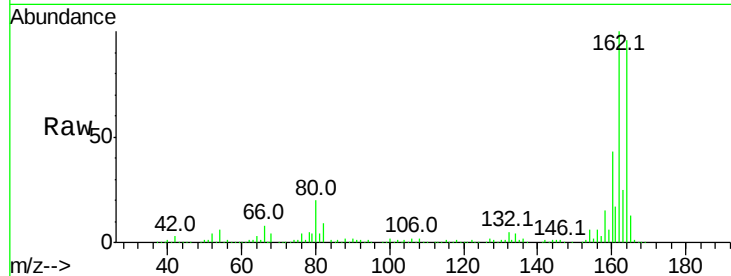
Tot Ion:165 Resp: 39856

Ion Ratio Lower Upper

165 100

63 4.9 44.7 67.1#

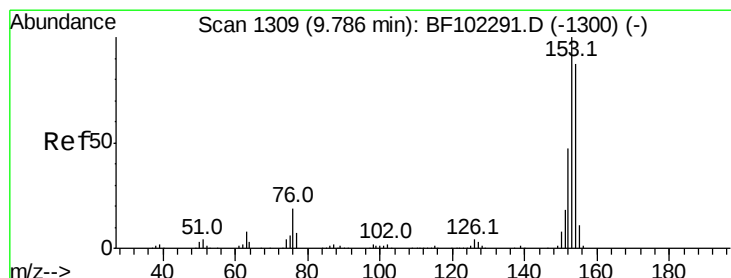
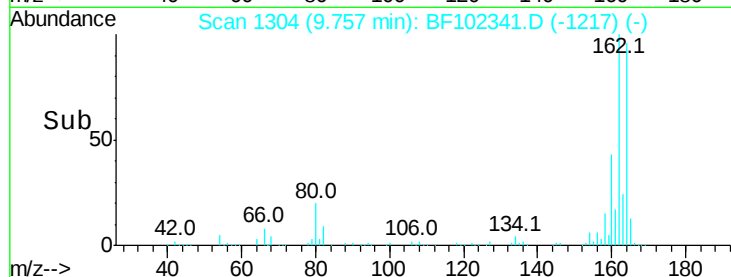
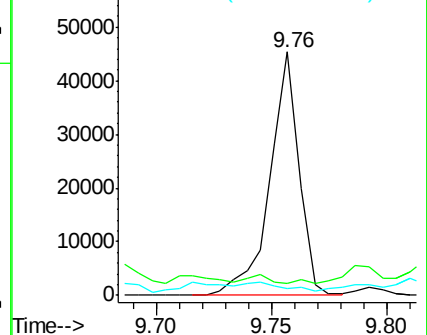
89 2.7 44.0 66.0#



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



#51

Acenaphthene

Concen: 1.685 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

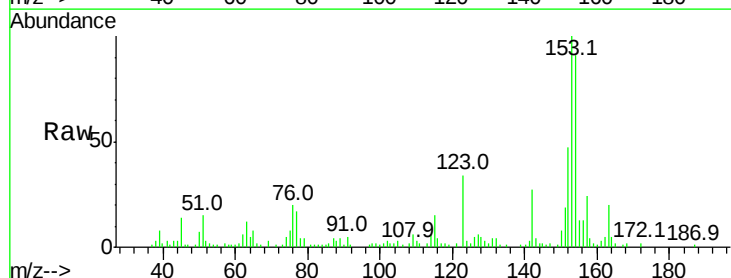
Tgt Ion:154 Resp: 31031

Ion Ratio Lower Upper

154 100

153 110.3 91.2 136.8

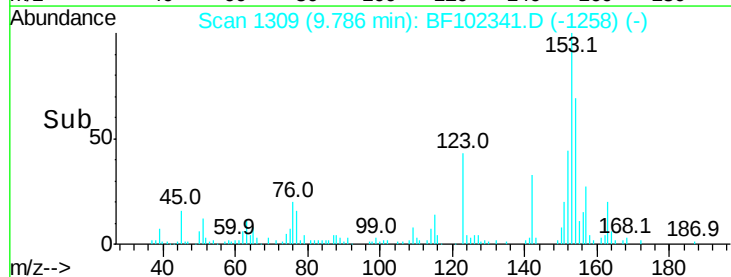
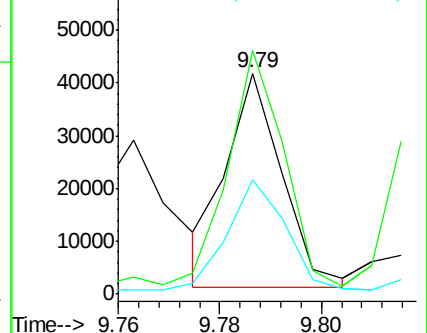
152 51.9 43.8 65.8

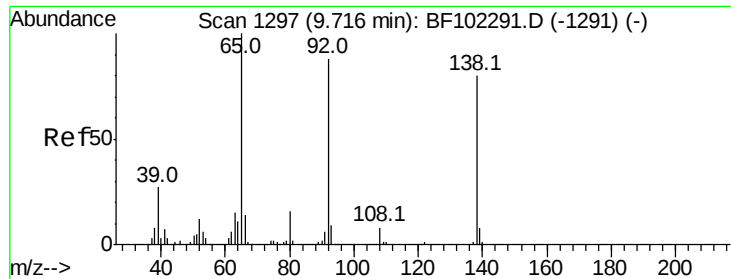


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

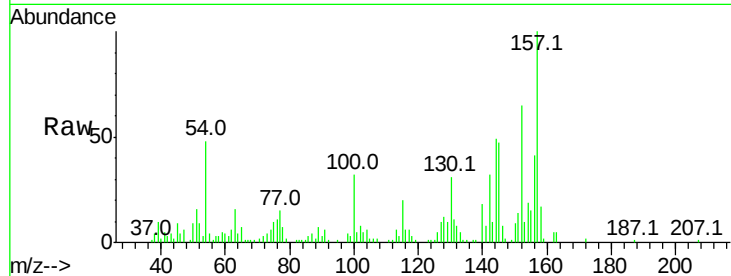




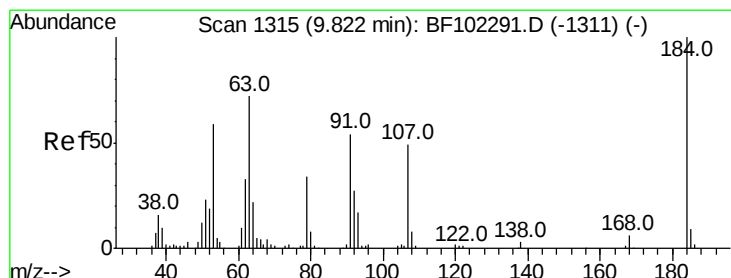
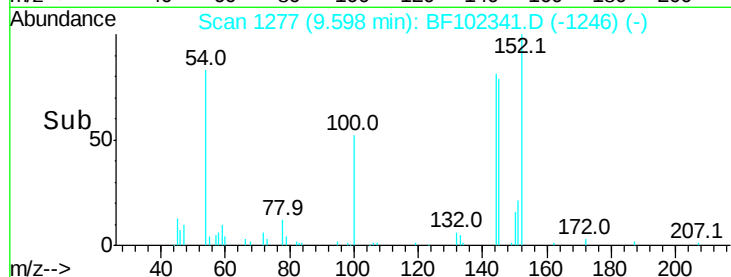
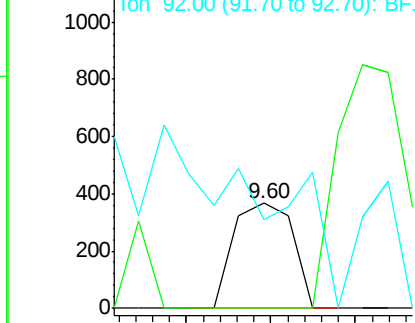
#52
3-Nitroaniline
Concen: 0.058 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.12 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 357
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 84.5 89.4 134.2#

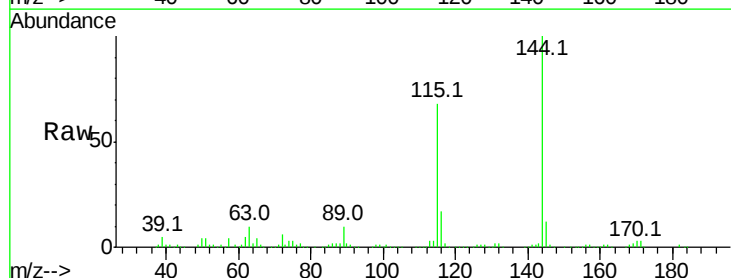


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

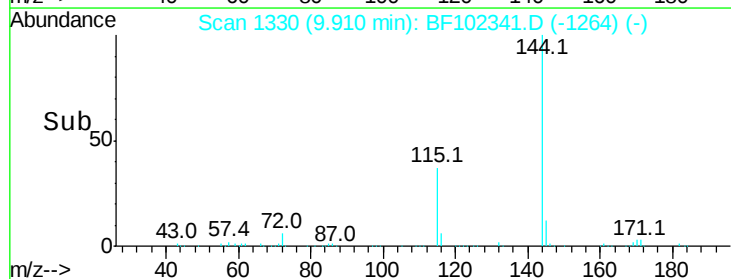
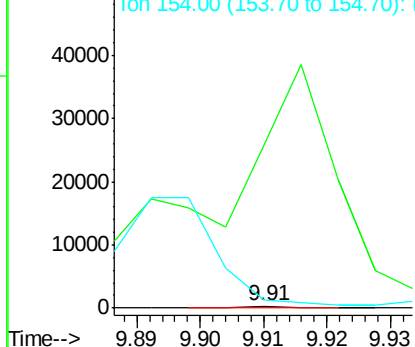


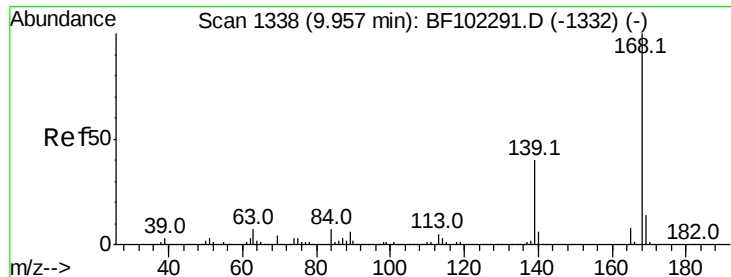
#53
2,4-Dinitrophenol
Concen: 3.748 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.09 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:184 Resp: 128
Ion Ratio Lower Upper
184 100
63 7105.2 54.2 81.2#
154 333.3 184.0 276.0#



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

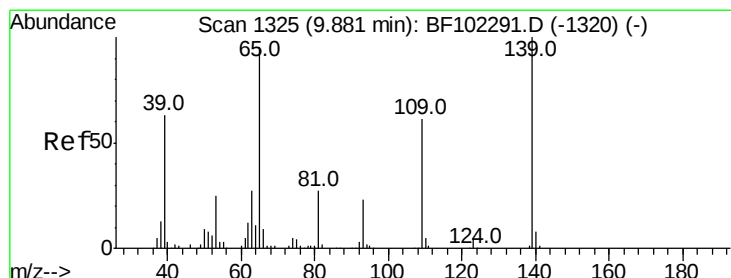
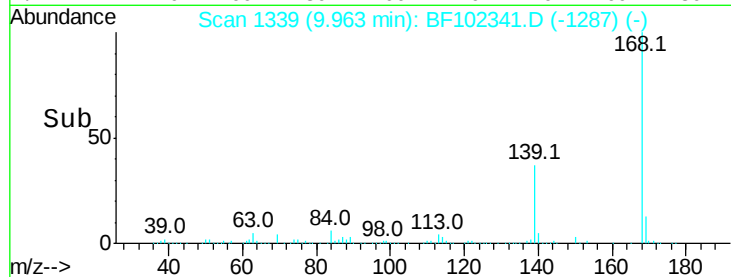
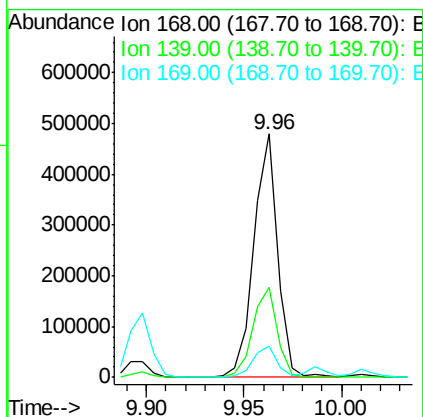
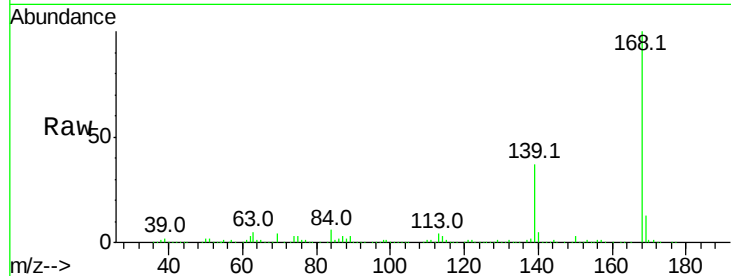




#54
Dibenzofuran
Concen: 16.286 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

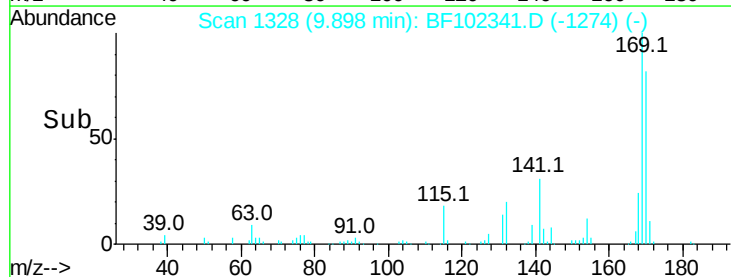
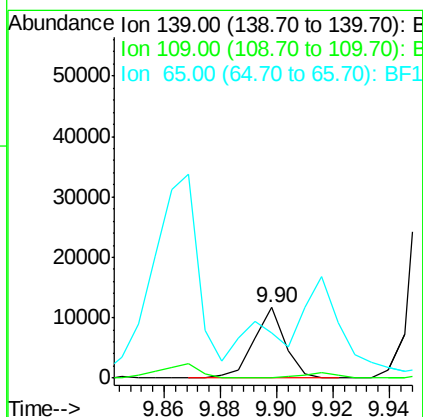
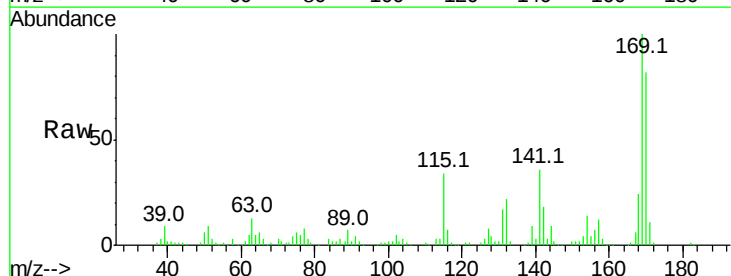
Instrument :
BNA_F
ClientSampleId :

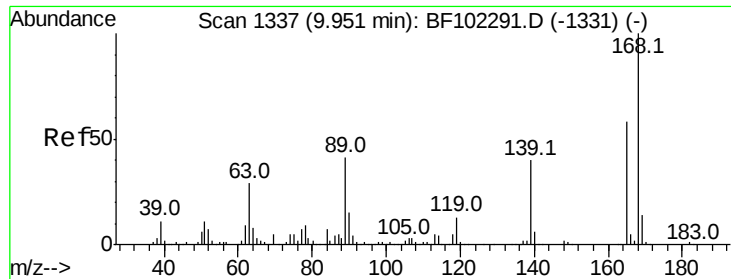
Tot Ion:168 Resp: 405991
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 13.0 10.9 16.3



#55
4-Nitrophenol
Concen: 2.186 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:139 Resp: 8861
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 64.1 72.6 112.6#

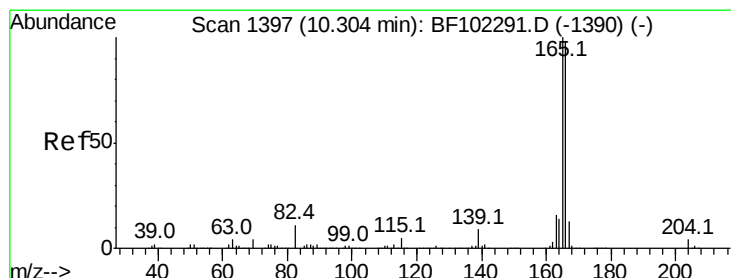
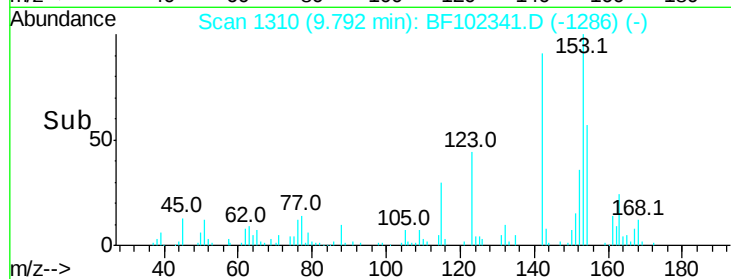
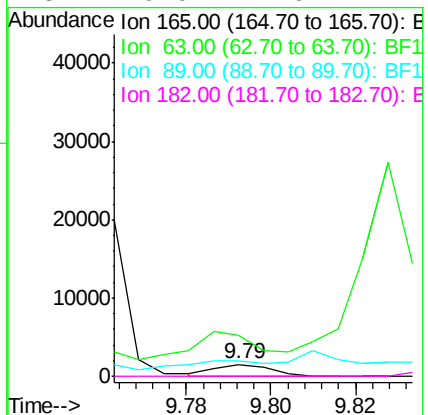
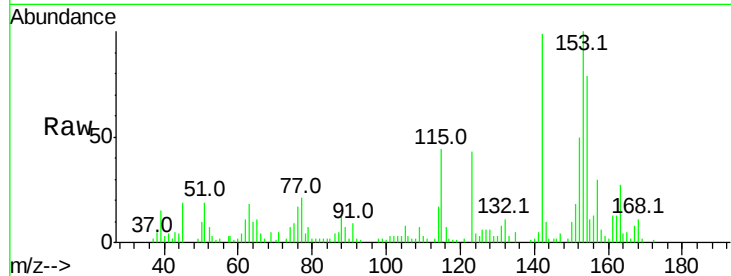




#56
 2,4-Dinitrotoluene
 Concen: 0.213 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.16 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

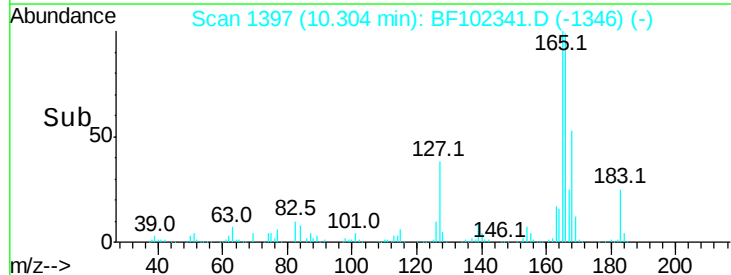
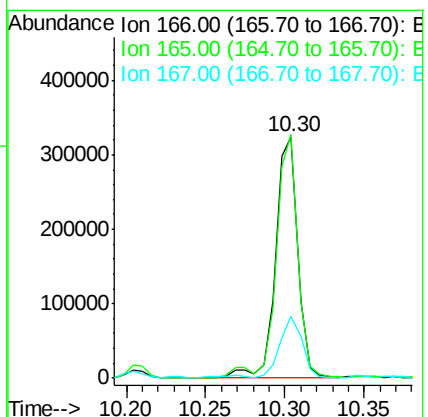
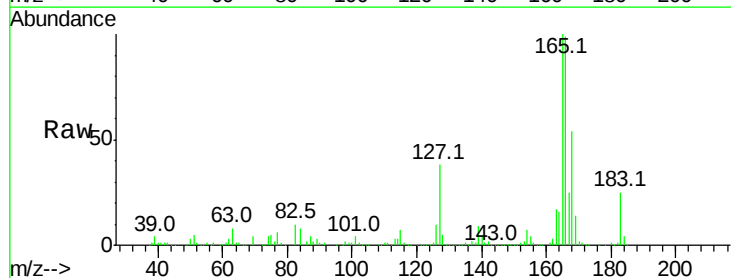
Instrument :
 BNA_F
 ClientSampleId :

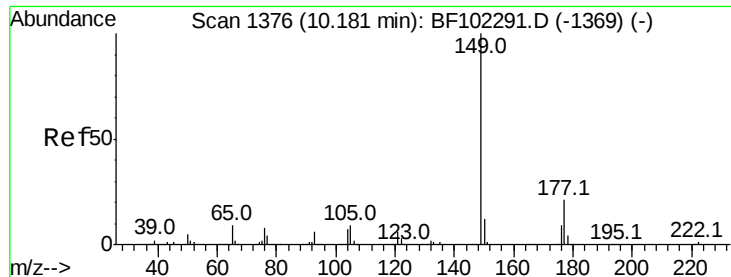
Tot Ion	Ratio	Lower	Upper
165	100		
63	353.2	36.4	54.6#
89	130.6	57.8	86.6#
182	0.0	1.6	2.4#



#57
 Fluorene
 Concen: 15.953 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	25.4	10.6	16.0#

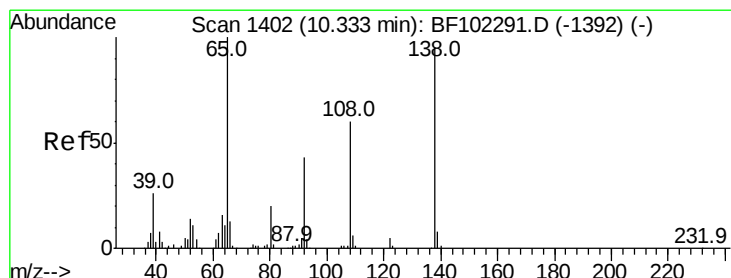
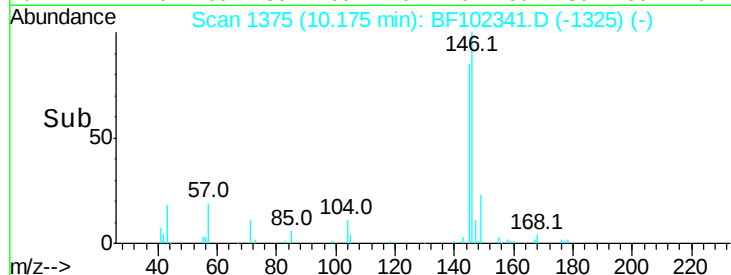
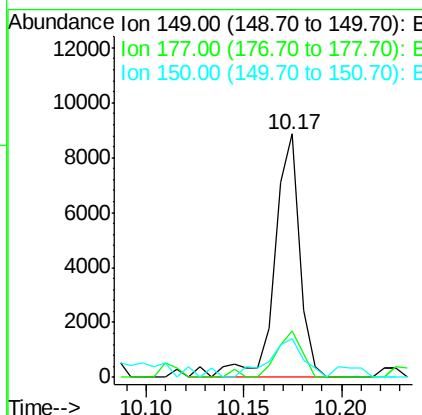
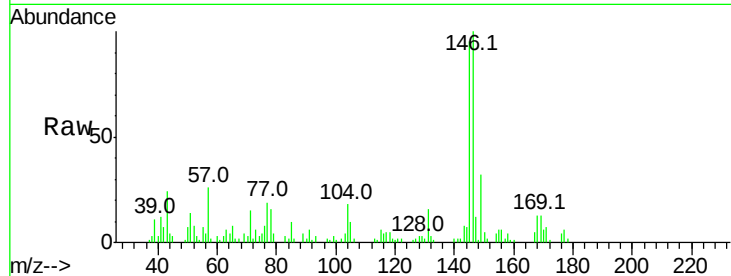




#59
Diethylphthalate
Concen: 0.340 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

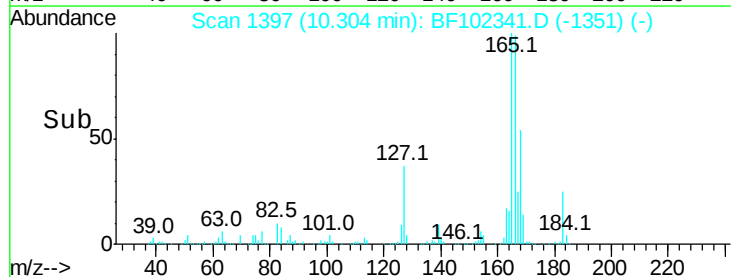
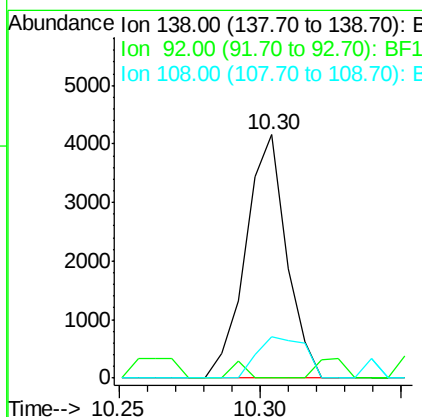
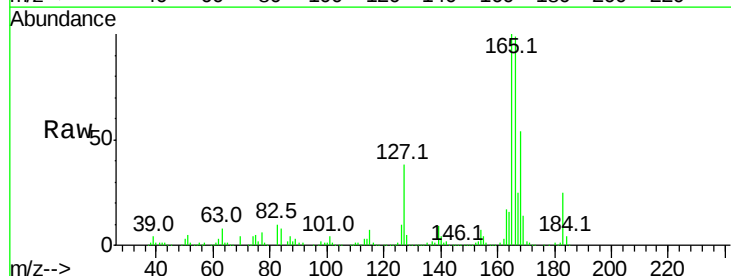
Instrument :
BNA_F
ClientSampleId :

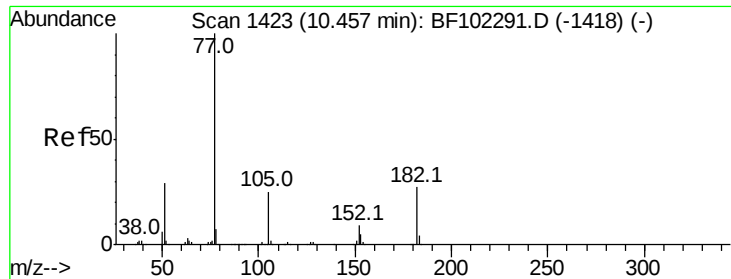
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.3	16.1	24.1
150	16.2	10.1	15.1#



#61
4-Nitroaniline
Concen: 0.682 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.03 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	17.2	52.5	92.5#





#62

Azobenzene

Concen: 1.059 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.11 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 22684

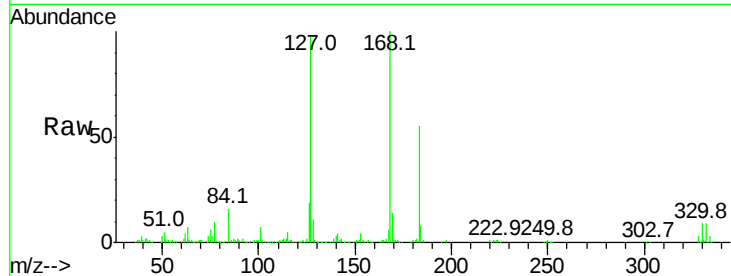
Ion Ratio Lower Upper

77 100

182 20.0 1.7 41.7

105 3.0 3.0 43.0

51 48.2 9.9 49.9

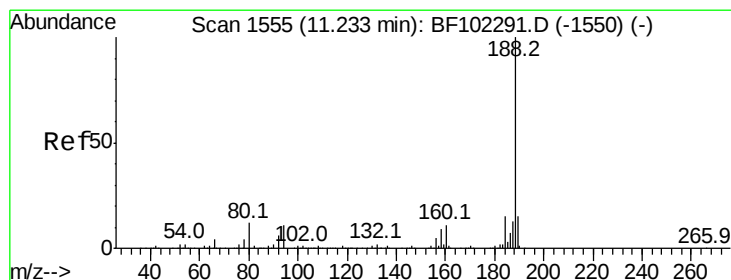
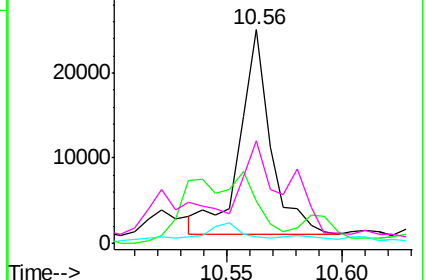
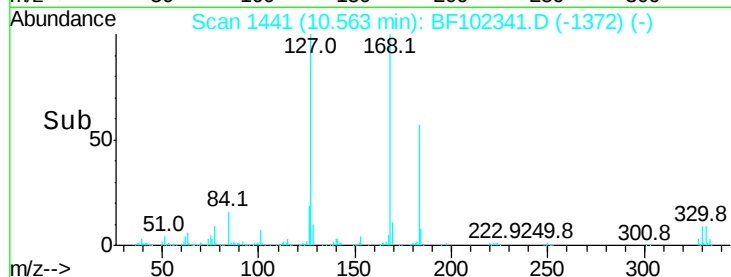


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

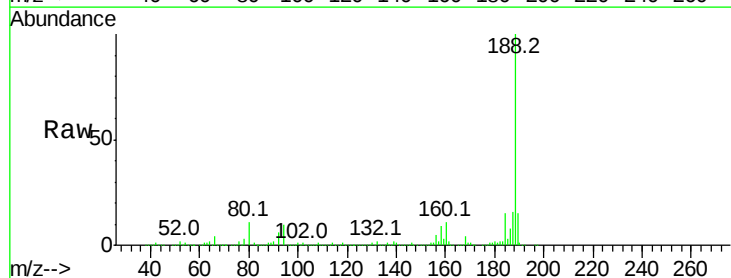
Tgt Ion: 188 Resp: 493381

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

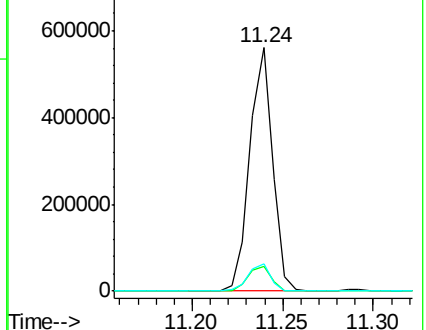
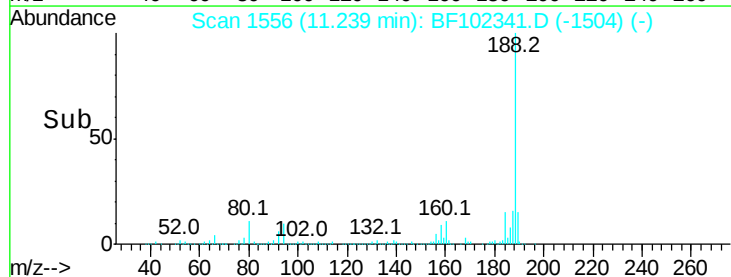
80 11.3 9.2 13.8

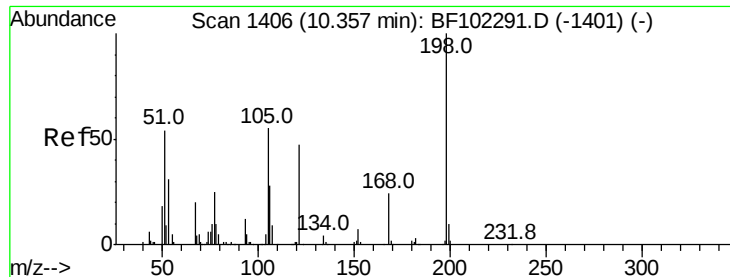


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

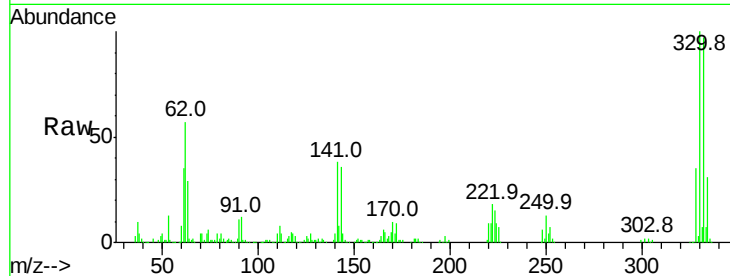




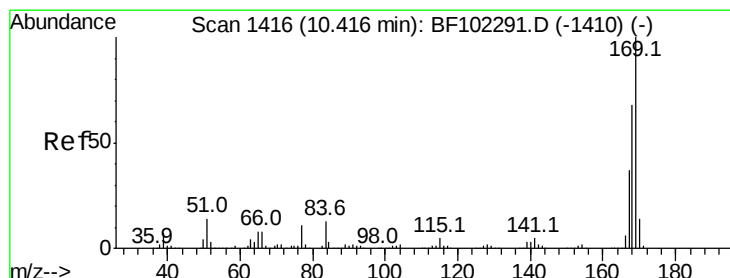
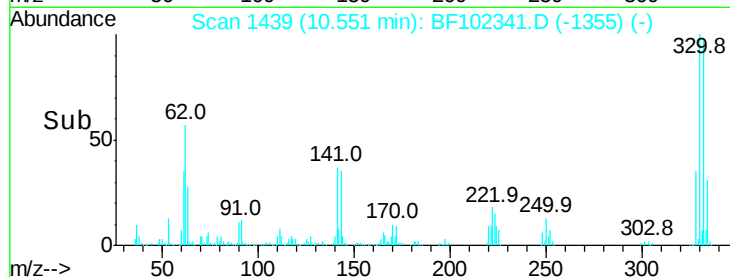
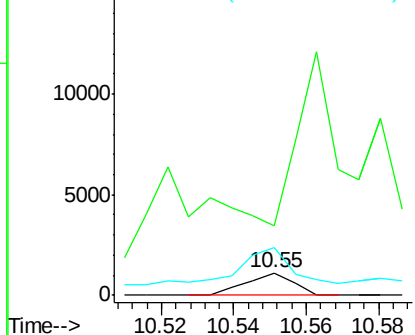
#64
4,6-Dinitro-2-methylphenol
Concen: 0.297 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 976
Ion Ratio Lower Upper
198 100
51 316.2 37.7 77.7#
105 214.5 36.3 76.3#

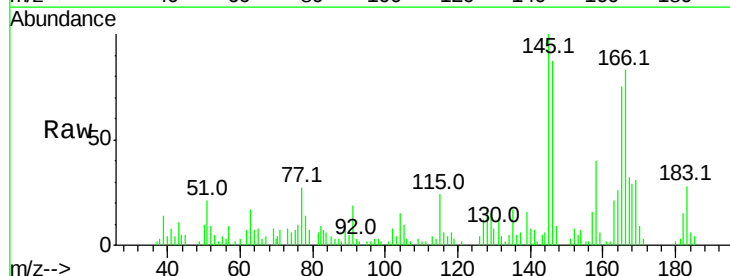


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

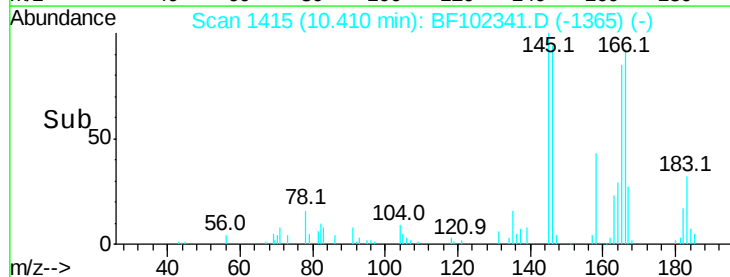
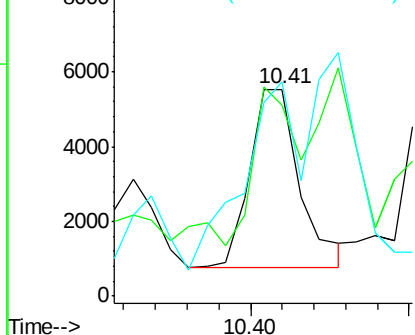


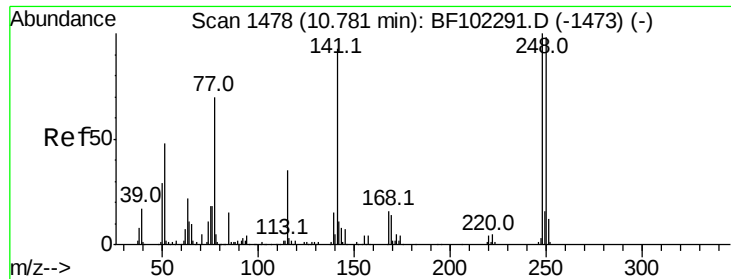
#65
n-Nitrosodiphenylamine
Concen: 0.288 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:169 Resp: 5217
Ion Ratio Lower Upper
169 100
168 92.3 54.4 81.6#
167 103.4 29.8 44.6#



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

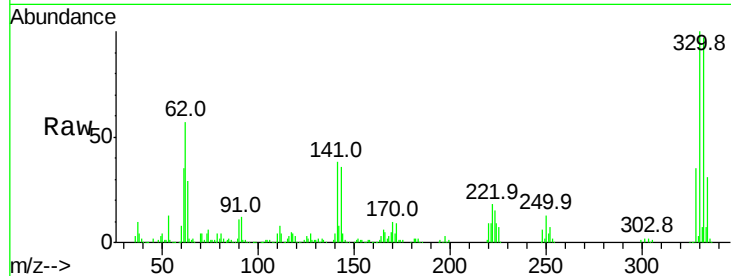




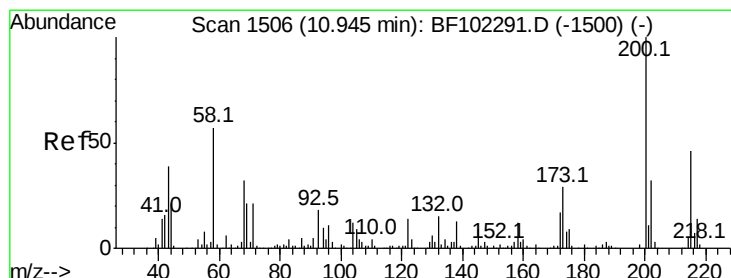
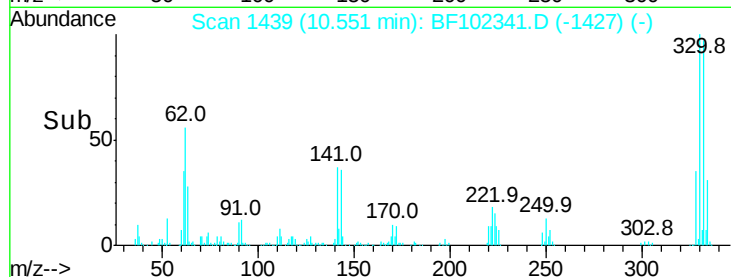
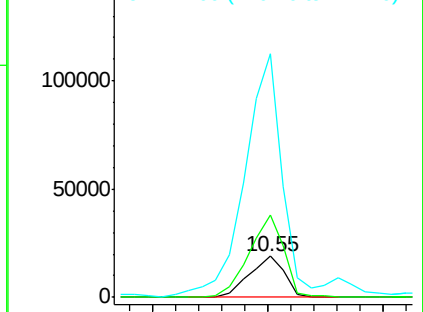
#66
4-Bromophenyl-phenylether
Concen: 3.835 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.23 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 20367
Ion Ratio Lower Upper
248 100
250 201.3 76.9 115.3#
141 592.5 74.4 111.6#

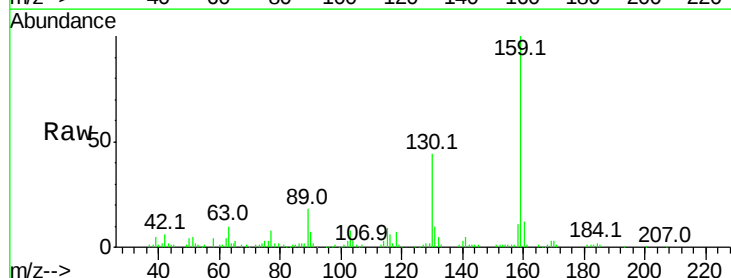


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

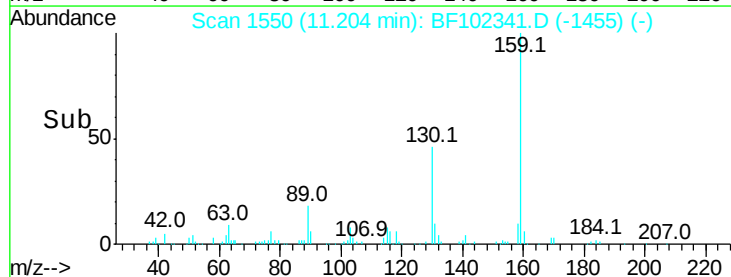
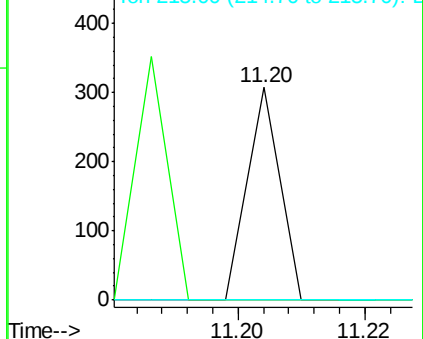


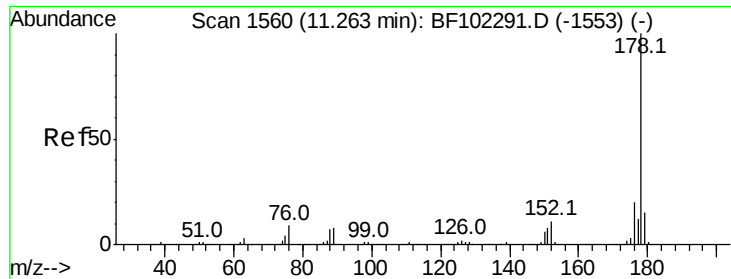
#68
Atrazine
Concen: 0.020 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.26 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:200 Resp: 108
Ion Ratio Lower Upper
200 100
173 0.0 8.6 48.6#
215 0.0 25.1 65.1#



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

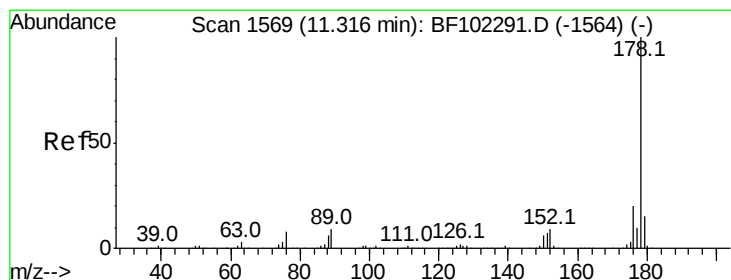
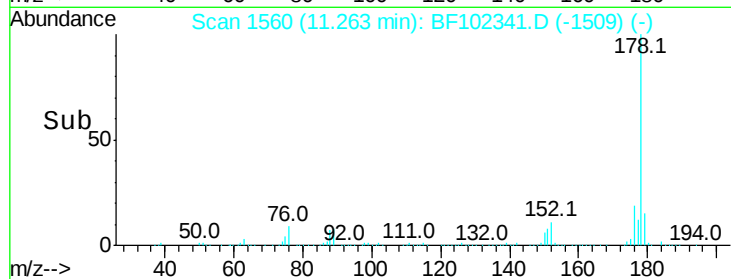
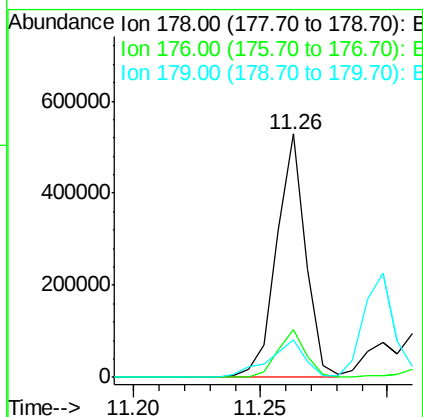
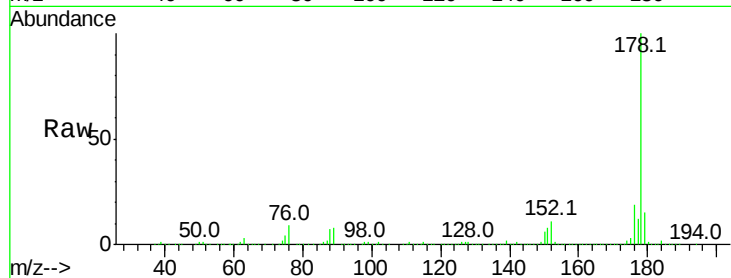




#70
Phenanthrene
Concen: 14.793 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

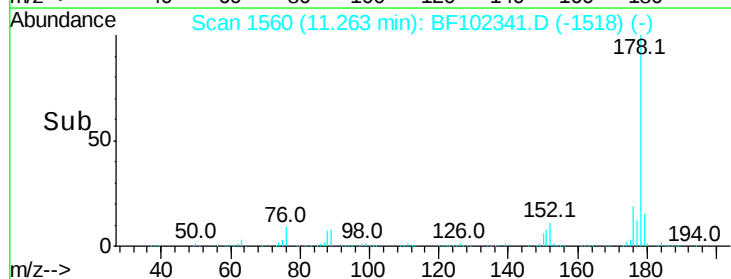
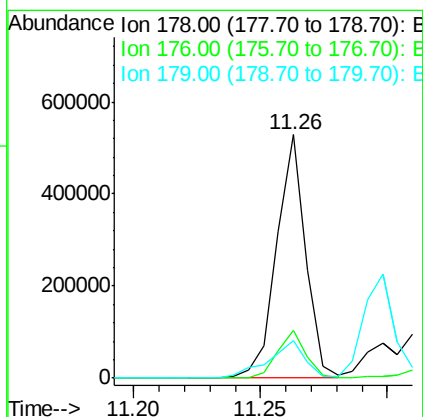
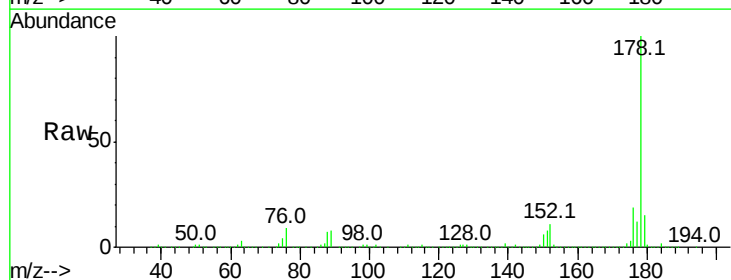
Instrument :
BNA_F
ClientSampleId :

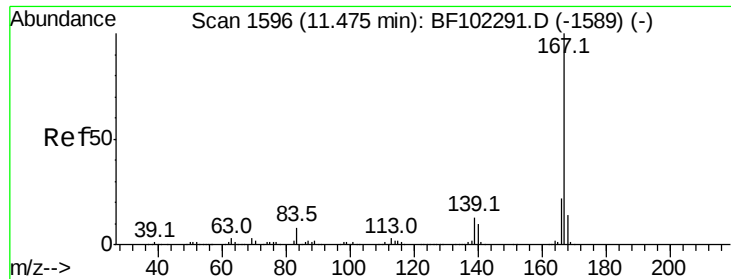
Tot Ion:178 Resp: 425298
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.2 13.0 19.6



#71
Anthracene
Concen: 14.493 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.05 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:178 Resp: 425298
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.2 12.6 19.0





#72

Carbazole

Concen: 55.207 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

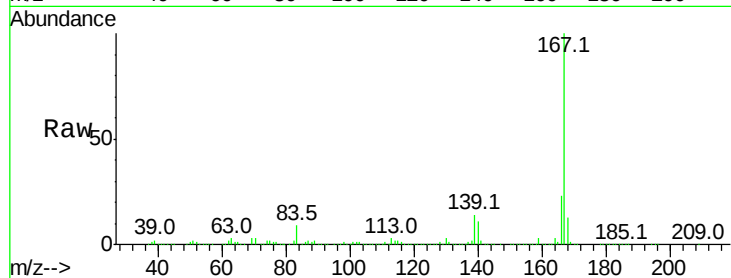
Tot Ion:167 Resp: 1580505

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

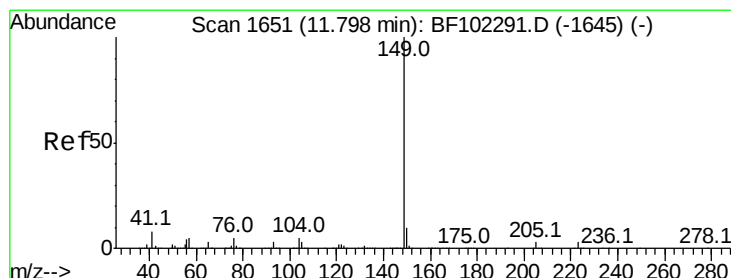
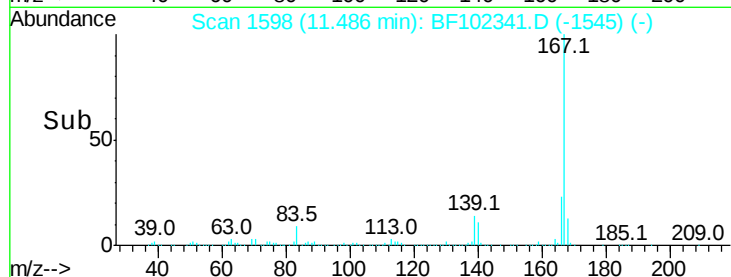
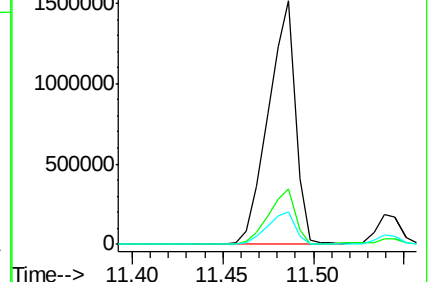
139 13.6 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 0.165 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

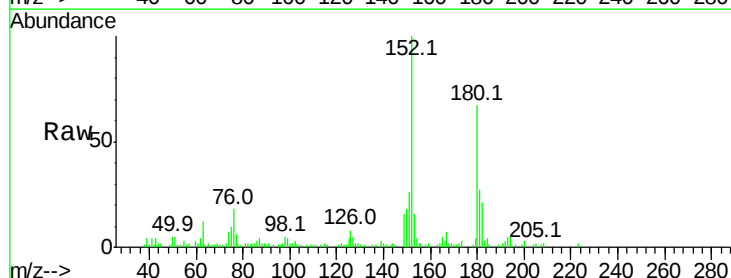
Tgt Ion:149 Resp: 5902

Ion Ratio Lower Upper

149 100

150 117.2 7.8 11.6#

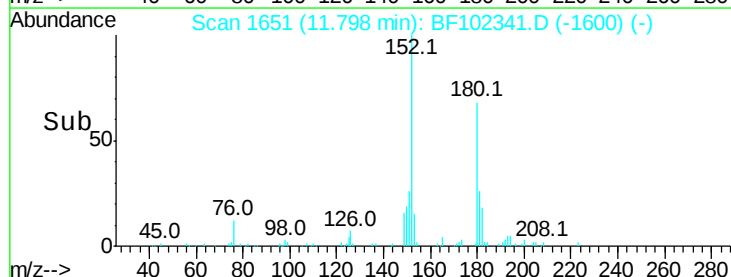
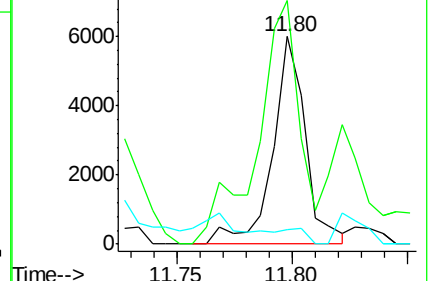
104 7.2 3.8 5.8#

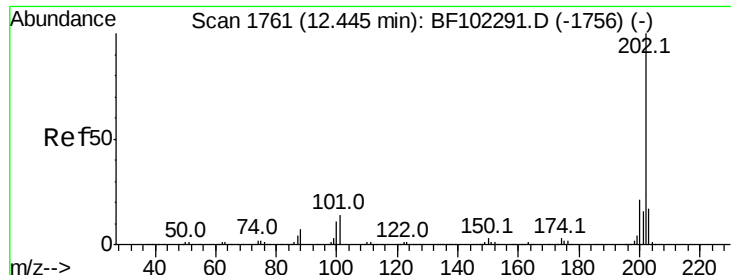


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 1.959 ng

RT: 12.45 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

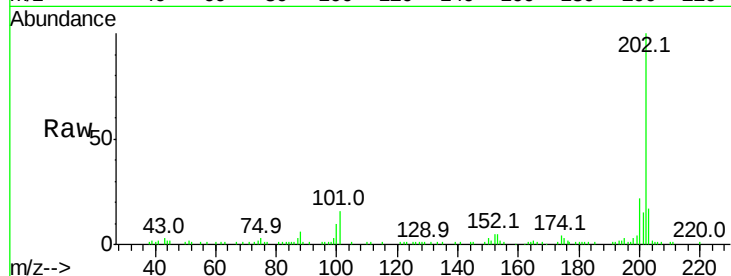
Tot Ion:202 Resp: 57431

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.1

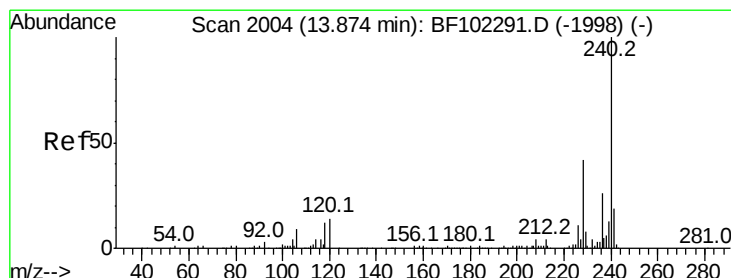
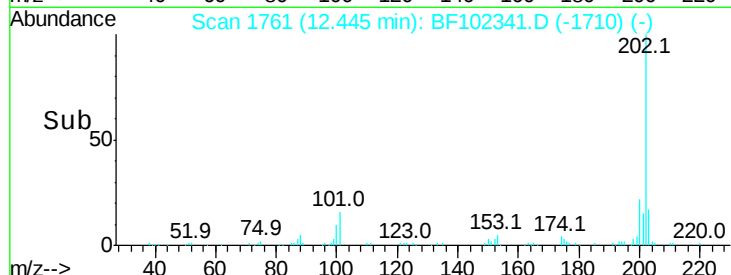
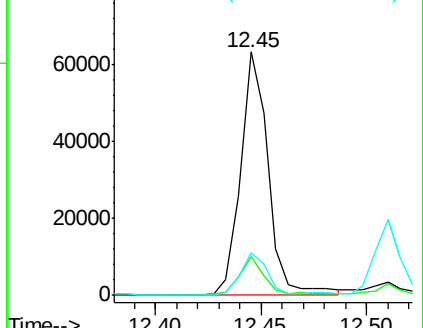
203 17.4 0.0 38.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

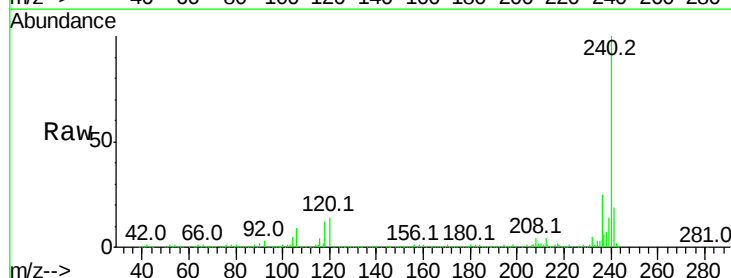
Tgt Ion:240 Resp: 400819

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

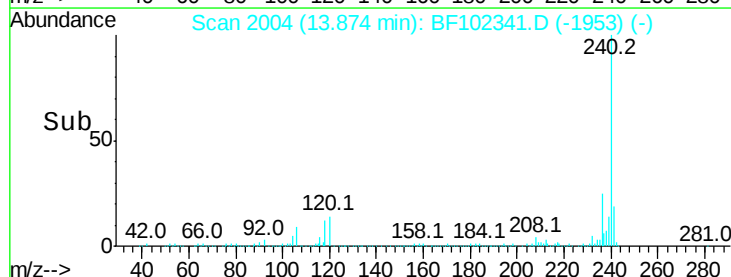
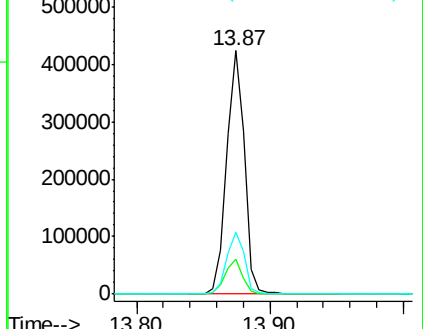
236 25.4 20.7 31.1

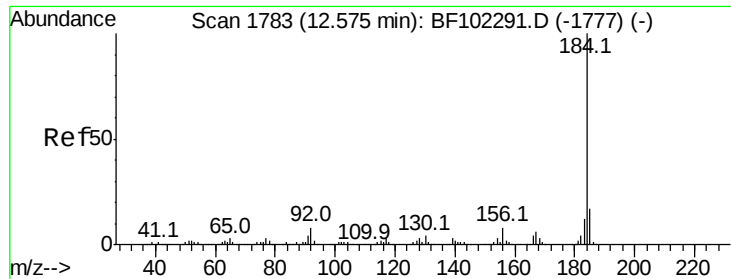


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

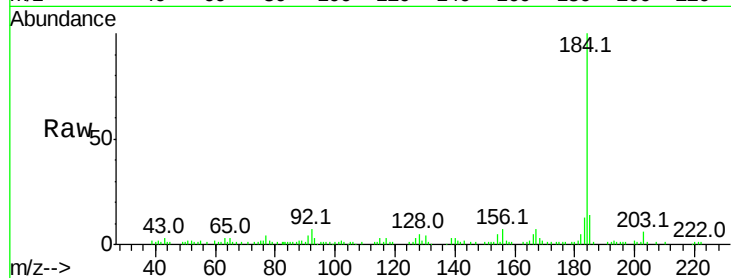




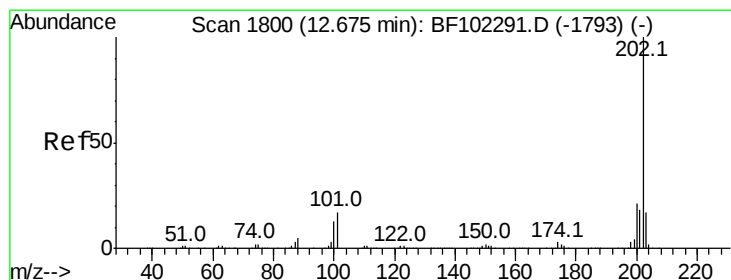
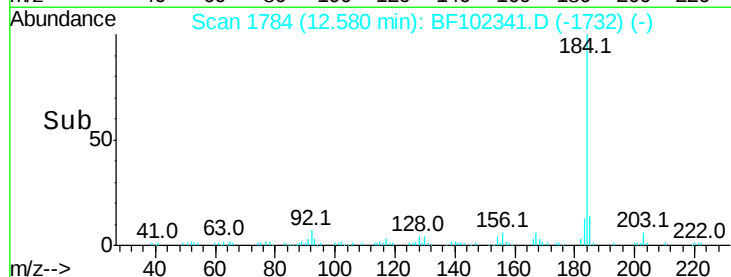
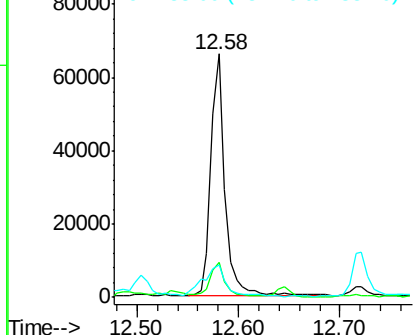
#76
Benzidine
Concen: 4.842 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 65202
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 13.3 9.3 13.9

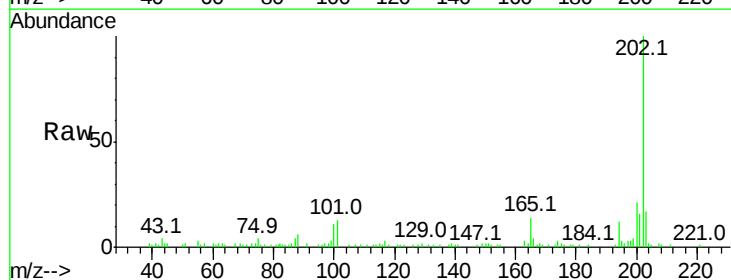


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

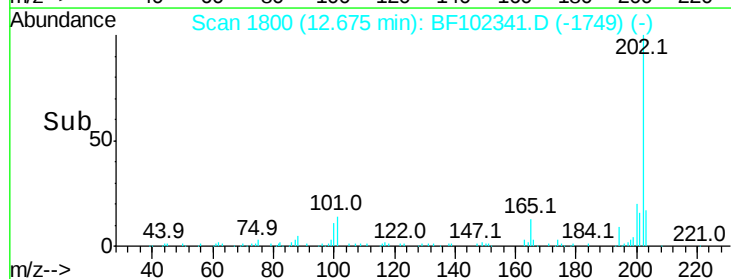
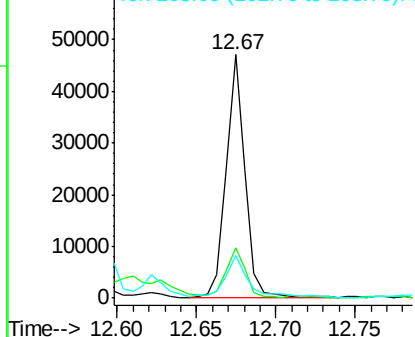


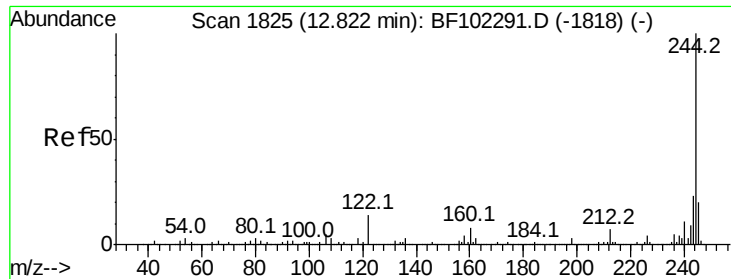
#77
Pyrene
Concen: 1.262 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF102341.D
Acq: 23 Jan 2018 13:11

Tgt Ion:202 Resp: 39117
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.3 14.3 21.5



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

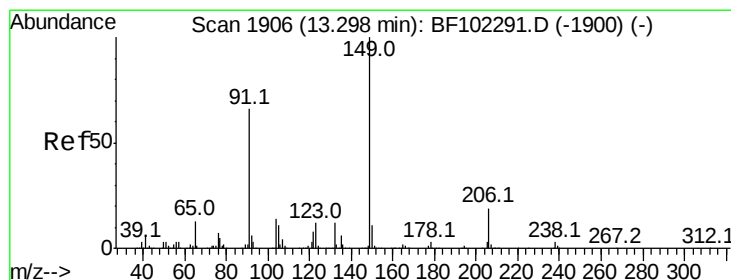
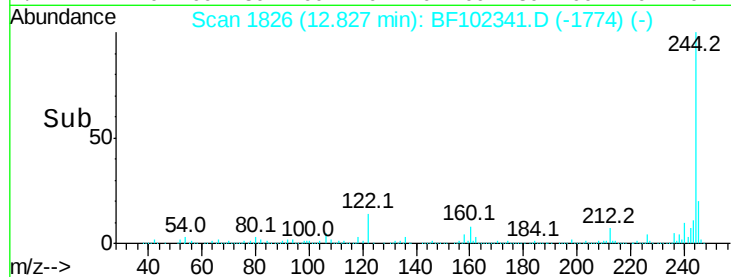
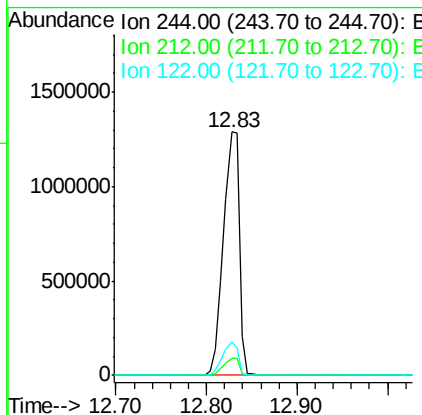
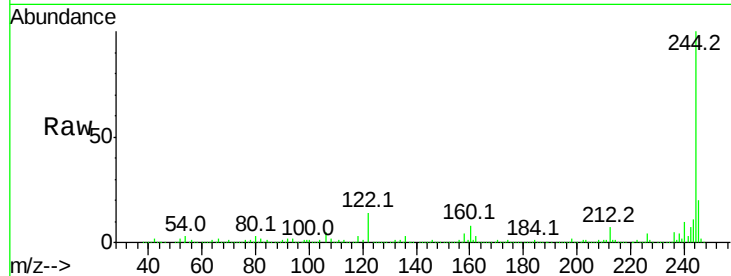




#78
 Terphenyl-d14
 Concen: 87.501 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

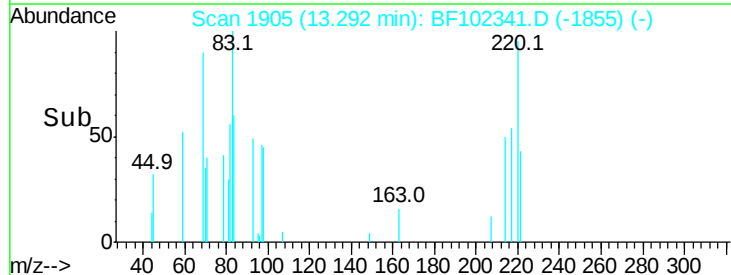
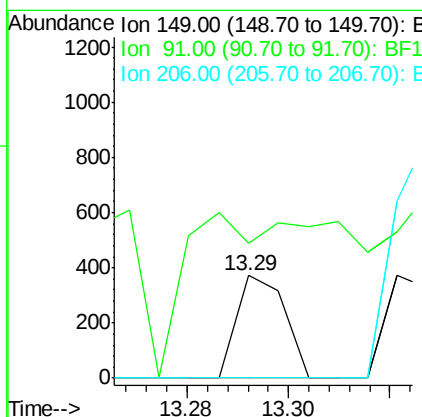
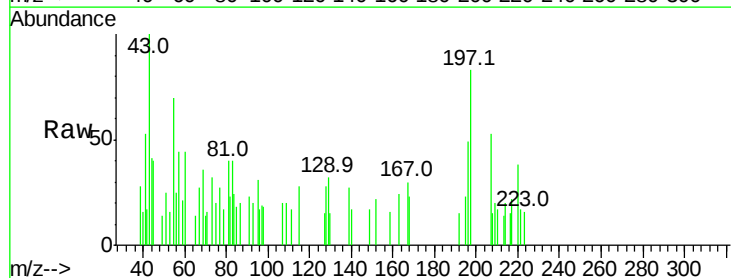
Instrument :
 BNA_F
 ClientSampleId :

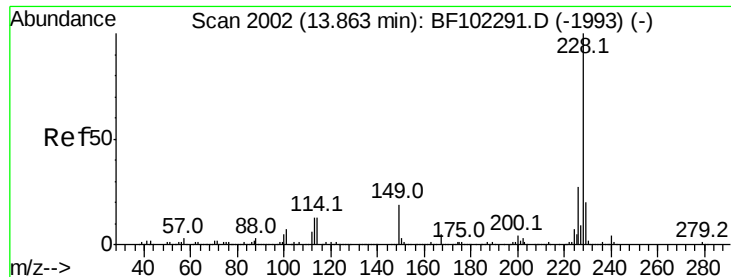
Tot Ion:244 Resp: 1555750
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.6 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 0.016 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Tgt Ion:149 Resp: 242
 Ion Ratio Lower Upper
 149 100
 91 131.3 56.8 85.2#
 206 0.0 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 0.248 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

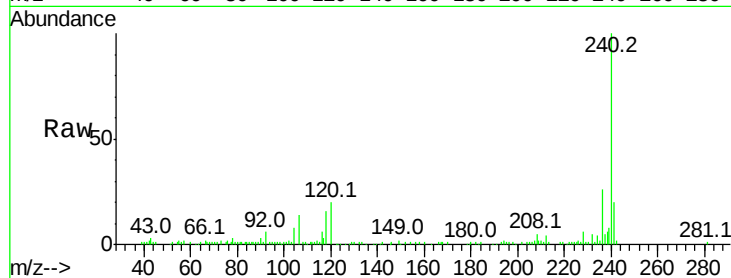
Tot Ion:228 Resp: 6119

Ion Ratio Lower Upper

228 100

226 32.5 22.6 33.8

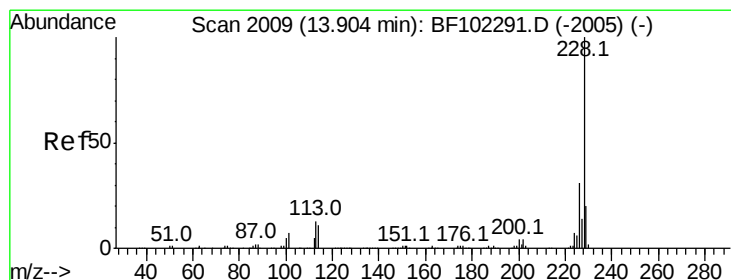
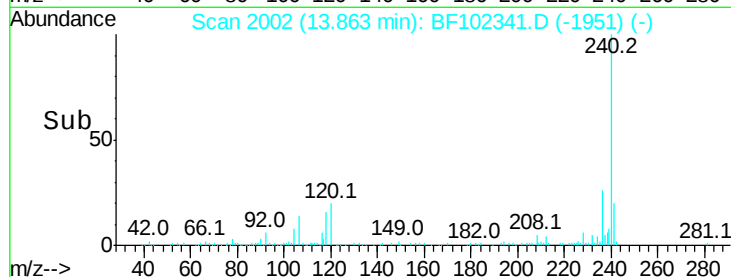
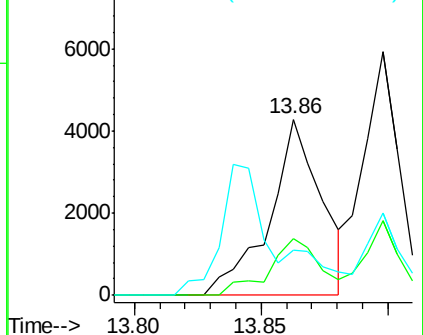
229 25.5 15.8 23.6#



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



#82

Chrysene

Concen: 0.243 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

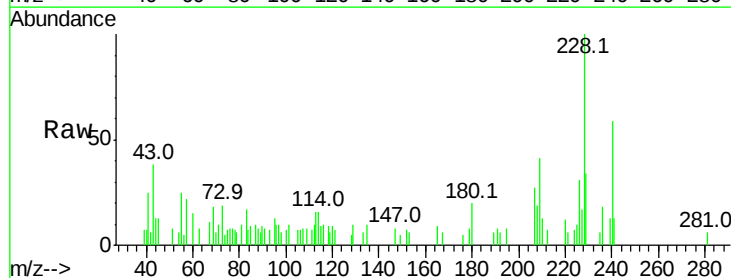
Tgt Ion:228 Resp: 6090

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

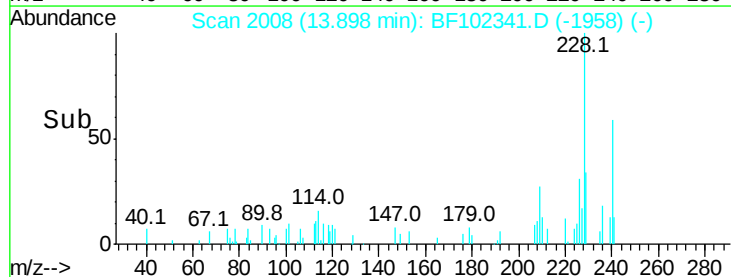
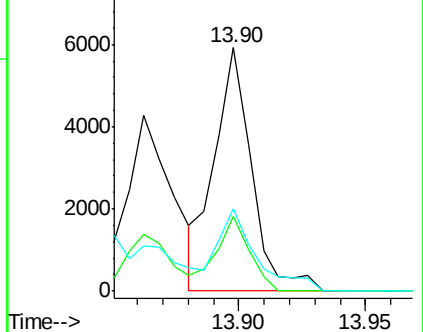
229 33.9 16.2 24.4#

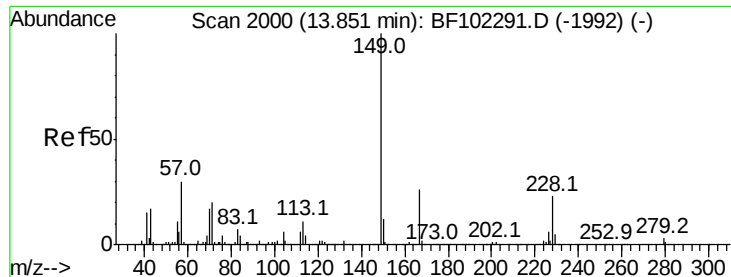


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

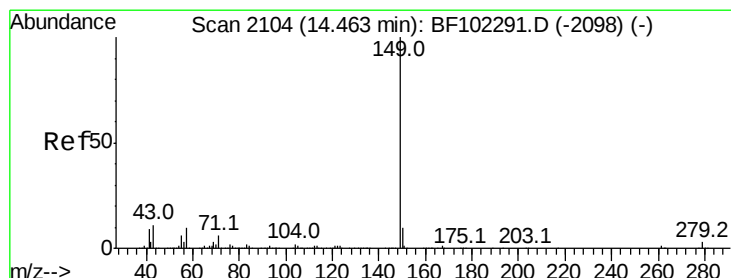
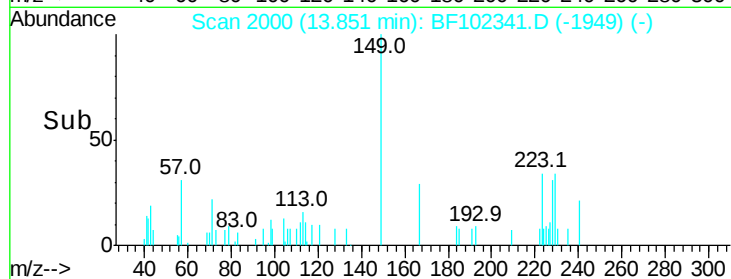
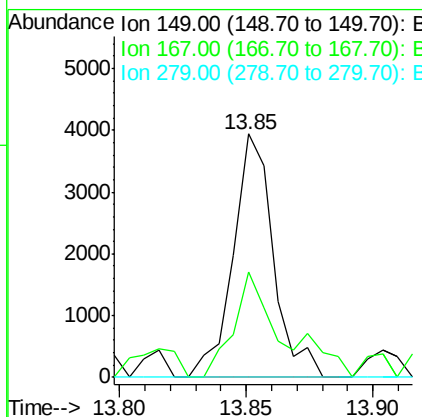
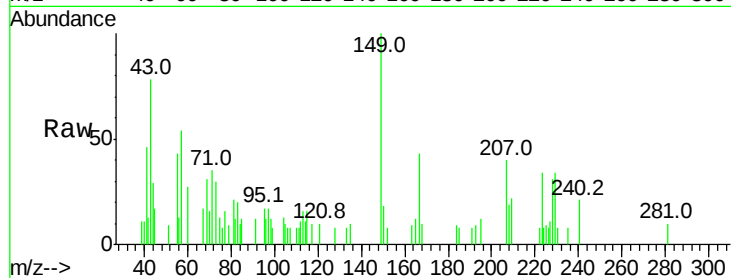




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.209 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

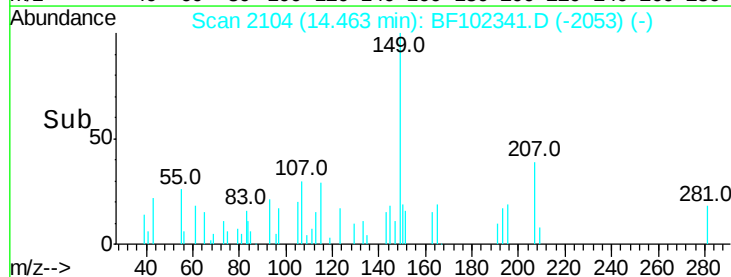
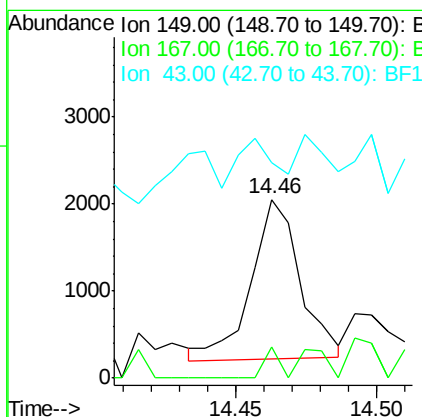
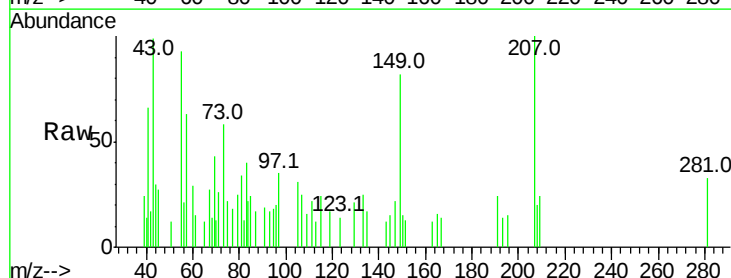
Instrument :
 BNA_F
 ClientSampled :

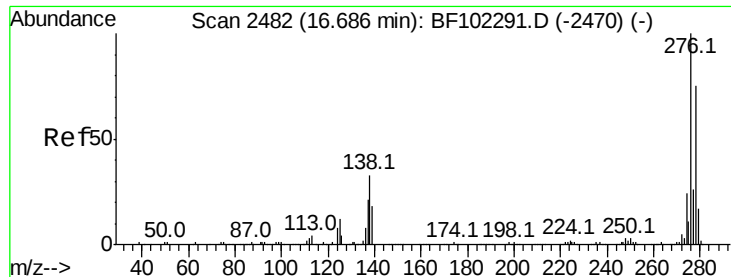
Tot Ion:149 Resp: 4337
 Ion Ratio Lower Upper
 149 100
 167 43.3 21.3 31.9#
 279 0.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.066 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BF102341.D
 Acq: 23 Jan 2018 13:11

Tgt Ion:149 Resp: 2218
 Ion Ratio Lower Upper
 149 100
 167 5.7 1.2 1.8#
 43 22.7 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.046 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

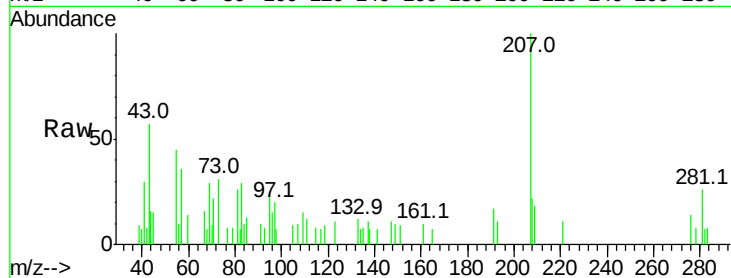
Tot Ion:276 Resp: 958

Ion Ratio Lower Upper

276 100

138 11.1 25.0 37.6#

277 0.0 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

16.69

600

400

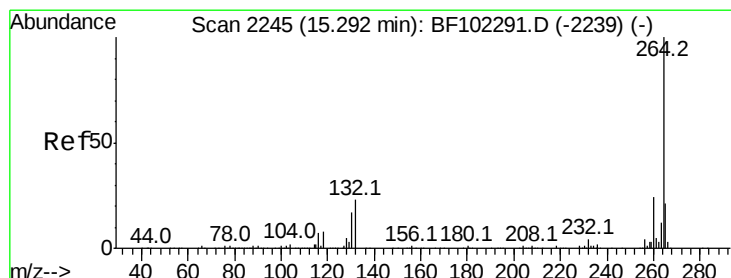
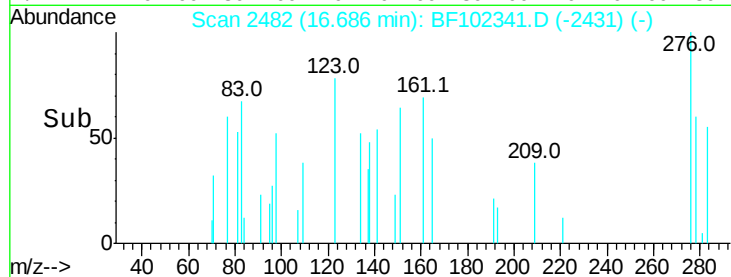
200

0

16.65

16.70

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

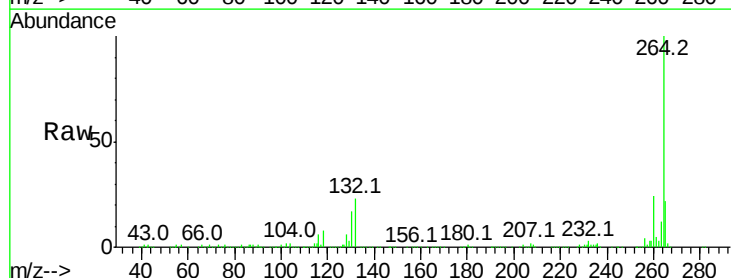
Tgt Ion:264 Resp: 300480

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.8 17.5 26.3



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

15.30

300000

250000

200000

150000

100000

50000

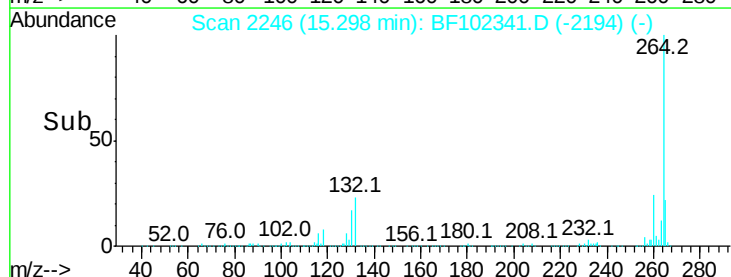
0

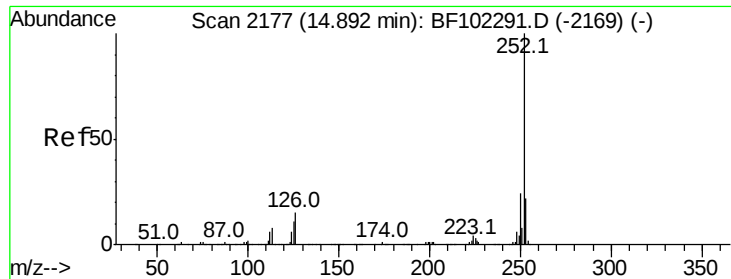
15.20

15.30

15.40

Time-->





#87

Benzo(b)fluoranthene

Concen: 0.291 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

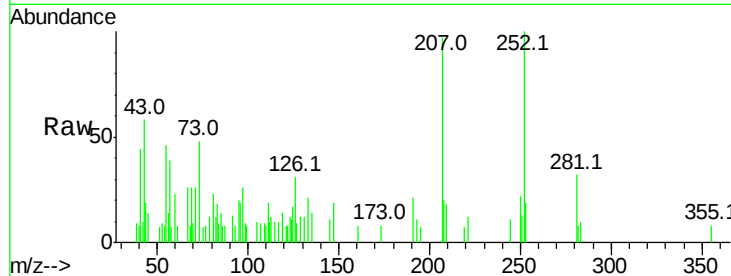
Tot Ion:252 Resp: 5674

Ion Ratio Lower Upper

252 100

253 18.7 17.0 25.6

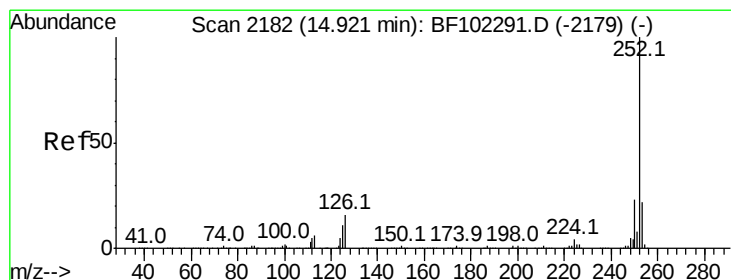
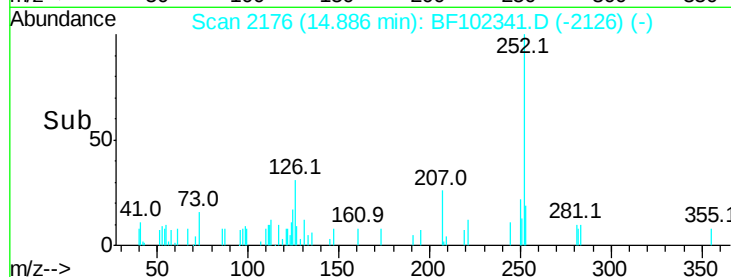
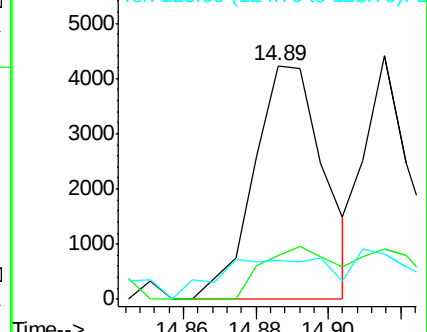
125 16.5 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 0.227 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

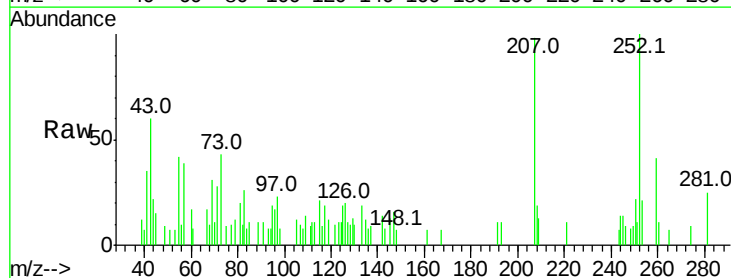
Tgt Ion:252 Resp: 4183

Ion Ratio Lower Upper

252 100

253 20.8 17.9 26.9

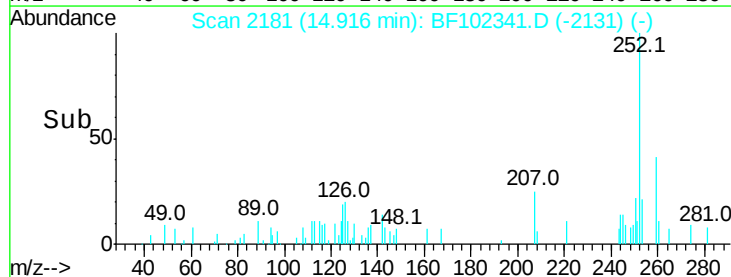
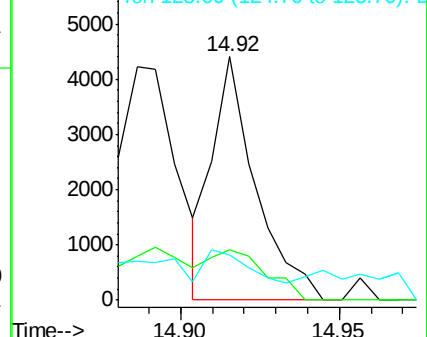
125 18.6 10.2 15.2#

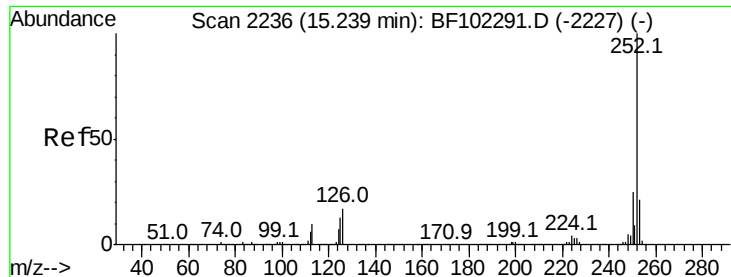


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.152 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampled :

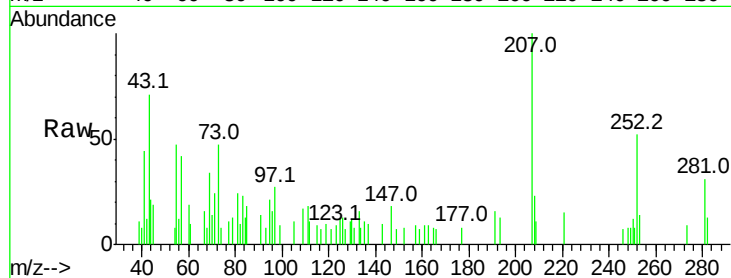
Tot Ion:252 Resp: 2669

Ion Ratio Lower Upper

252 100

253 26.7 17.1 25.7#

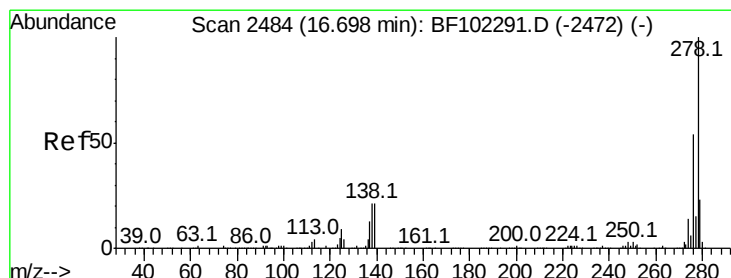
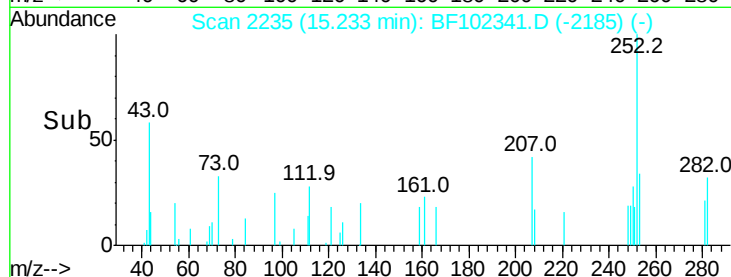
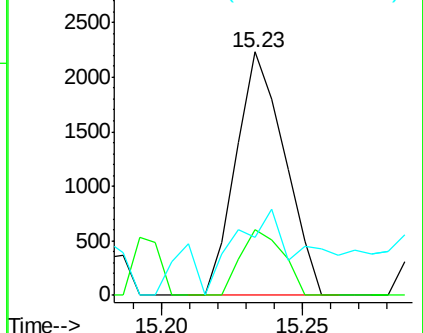
125 23.7 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 0.045 ng

RT: 16.69 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

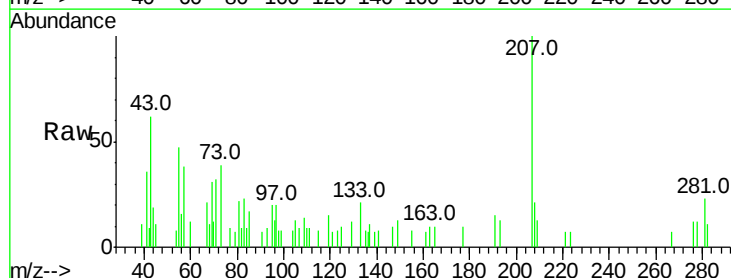
Tgt Ion:278 Resp: 635

Ion Ratio Lower Upper

278 100

139 60.0 15.9 23.9#

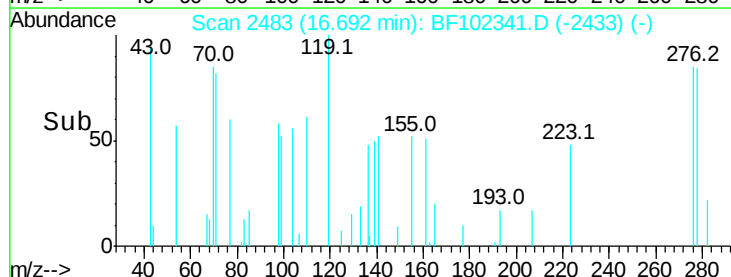
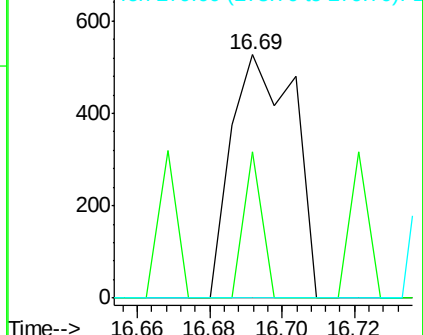
279 0.0 19.0 28.4#

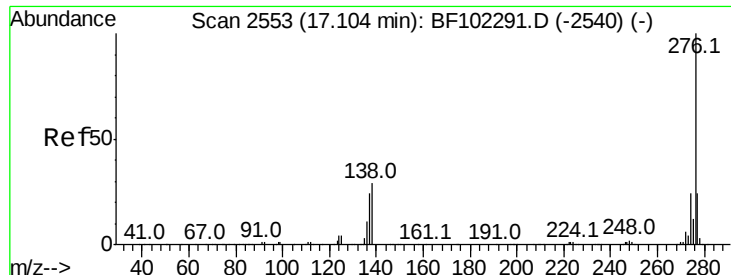


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.047 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BF102341.D

Acq: 23 Jan 2018 13:11

Instrument :

BNA_F

ClientSampleId :

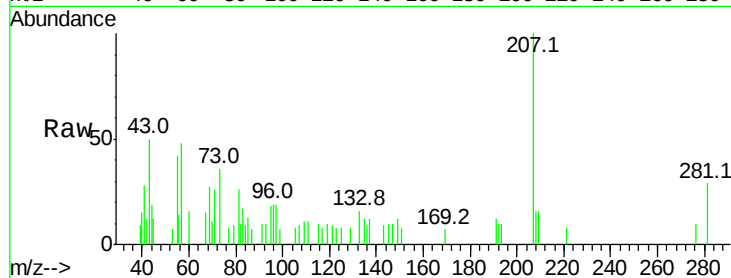
Tot Ion:276 Resp: 661

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 21.8 32.8#



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

