

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102591.D
 Acq On : 29 Jan 2018 12:20
 Operator : SJ/JU
 Sample : J1257-01MS 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:04:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	160366	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	658979	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	266850	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	380175	20.00	ng	0.00
75) Chrysene-d12	13.89	240	248686	20.00	ng	0.00
86) Perylene-d12	15.33	264	274545	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	289344	27.36	ng	0.00
7) Phenol-d6	6.36	99	347064	27.22	ng	0.00
23) Nitrobenzene-d5	7.27	82	209461	18.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	54005	20.42	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	367559	20.25	ng	0.00
78) Terphenyl-d14	12.82	244	222694	20.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	40373	8.034	ng	98
3) Pyridine	3.07	79	98999	7.539	ng	97
4) n-Nitrosodimethylamine	3.00	42	48915	9.501	ng	# 99
6) Aniline	6.37	93	67240	3.987	ng	# 3
8) 2-Chlorophenol	6.50	128	110255	9.945	ng	97
10) Phenol	6.37	94	149635	10.749	ng	89
11) bis(2-Chloroethyl)ether	6.45	93	106064	10.018	ng	95
12) 1,3-Dichlorobenzene	6.65	146	119242	9.043	ng	98
13) 1,4-Dichlorobenzene	6.73	146	120566	9.128	ng	99
14) 1,2-Dichlorobenzene	6.88	146	115191	9.534	ng	99
15) Benzyl Alcohol	6.86	79	88634	9.852	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	179353	10.100	ng	61
17) 2-Methylphenol	6.98	107	91821	9.536	ng	# 94
18) Hexachloroethane	7.22	117	41523	9.022	ng	89
19) n-Nitroso-di-n-propylamine	7.12	70	85951	11.015	ng	98
20) 3+4-Methylphenols	7.14	107	124556	10.999	ng	96
22) Acetophenone	7.12	105	171570	10.922	ng	# 98
24) Nitrobenzene	7.30	77	113354	9.659	ng	95
25) Isophorone	7.53	82	196585	9.616	ng	98
26) 2-Nitrophenol	7.62	139	46216	7.483	ng	98
27) 2,4-Dimethylphenol	7.66	122	97562	10.878	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	137762	10.909	ng	91
29) 2,4-Dichlorophenol	7.87	162	88526	9.690	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	89403	9.130	ng	99
31) Naphthalene	8.02	128	371179	11.281	ng	100
33) 4-Chloroaniline	8.08	127	70364	5.086	ng	96
34) Hexachlorobutadiene	8.13	225	45187	8.640	ng	96
35) Caprolactam	8.42	113	31200	10.341	ng	# 78
36) 4-Chloro-3-methylphenol	8.57	107	98556	10.235	ng	98
37) 2-Methylnaphthalene	8.71	142	232401	10.606	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	80135	9.981	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	53365	9.929	ng	100
43) 2,4,5-Trichlorophenol	9.05	196	56921	9.406	ng	94
45) 1,1'-Biphenyl	9.17	154	257977	10.812	ng	99

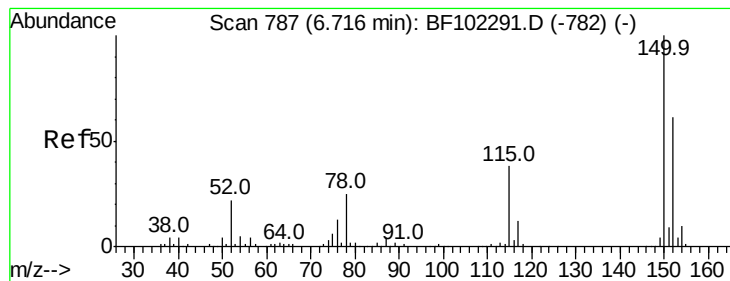
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.20	162	190351	10.263	ng	97
47) 2-Nitroaniline	9.30	65	63474	10.977	ng	100
48) Acenaphthylene	9.61	152	288091	9.970	ng	100
49) Dimethylphthalate	9.47	163	263418	11.943	ng	99
50) 2,6-Dinitrotoluene	9.54	165	39762	8.361	ng	96
51) Acenaphthene	9.78	154	195741	11.599	ng	99
52) 3-Nitroaniline	9.72	138	44742	7.953	ng	87
54) Dibenzofuran	9.96	168	273102	11.958	ng	99
55) 4-Nitrophenol	9.90	139	37514	10.102	ng	91
56) 2,4-Dinitrotoluene	9.95	165	48095	8.224	ng	# 76
57) Fluorene	10.30	166	244390	13.504	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	33686	7.797	ng	# 97
59) Diethylphthalate	10.17	149	202119	9.430	ng	96
60) 4-Chlorophenyl-phenylether	10.29	204	79287	10.105	ng	94
61) 4-Nitroaniline	10.32	138	43274	7.709	ng	93
62) Azobenzene	10.45	77	178427	9.092	ng	98
65) n-Nitrosodiphenylamine	10.41	169	159720	11.446	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	43162	10.546	ng	95
67) Hexachlorobenzene	10.85	284	40907	8.937	ng	93
68) Atrazine	10.95	200	46683	11.327	ng	98
69) Pentachlorophenol	11.06	266	20107	8.363	ng	96
70) Phenanthrene	11.26	178	777646	35.102	ng	99
71) Anthracene	11.32	178	407288	18.012	ng	100
72) Carbazole	11.47	167	240923	10.921	ng	98
73) Di-n-butylphthalate	11.80	149	283949	10.298	ng	100
74) Fluoranthene	12.46	202	924230	40.911	ng	99
77) Pyrene	12.69	202	818385	42.563	ng	99
79) Butylbenzylphthalate	13.30	149	83907	8.769	ng	97
80) Benzo(a)anthracene	13.88	228	499410	32.618	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	26272	4.678	ng	# 85
82) Chrysene	13.92	228	451936	29.067	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	161991	12.597	ng	96
84) Di-n-octyl phthalate	14.47	149	206978	9.897	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.74	276	320492	24.959	ng	98
87) Benzo(b)fluoranthene	14.92	252	610159	34.289	ng	# 90
88) Benzo(k)fluoranthene	14.92	252	610159	36.293	ng	# 93
89) Benzo(a)pyrene	15.27	252	449720	28.022	ng	# 91
90) Dibenzo(a,h)anthracene	16.74	278	160000	12.307	ng	# 91
91) Benzo(g,h,i)perylene	17.16	276	280255	21.833	ng	# 92

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

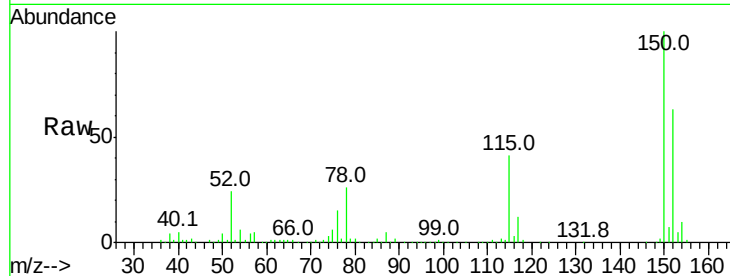


#1

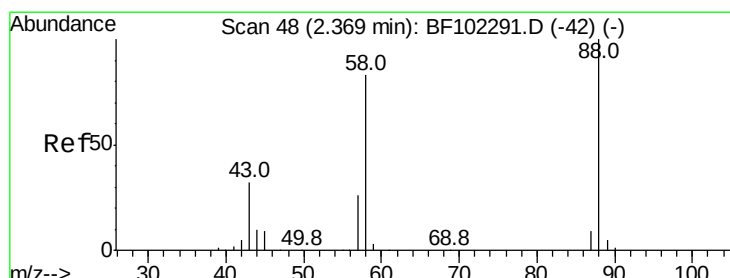
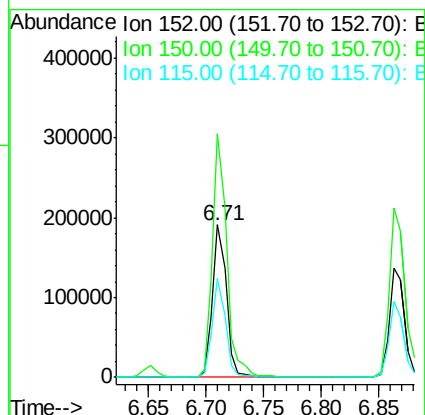
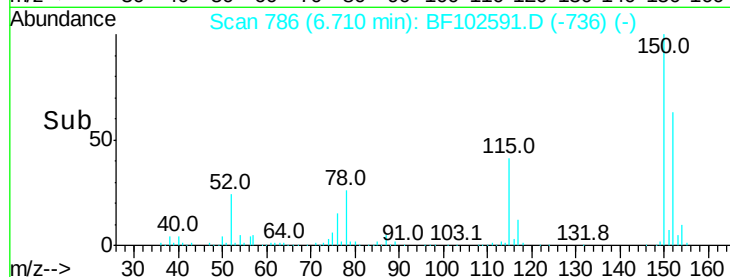
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160366
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 64.9 50.1 75.1



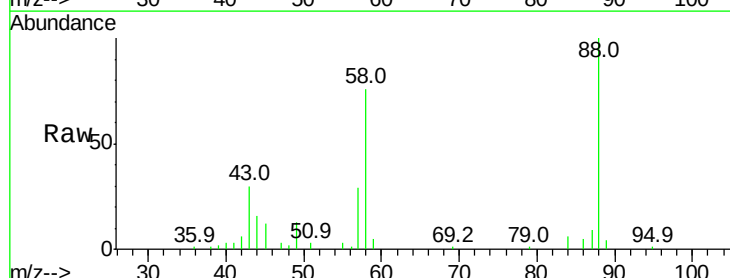
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



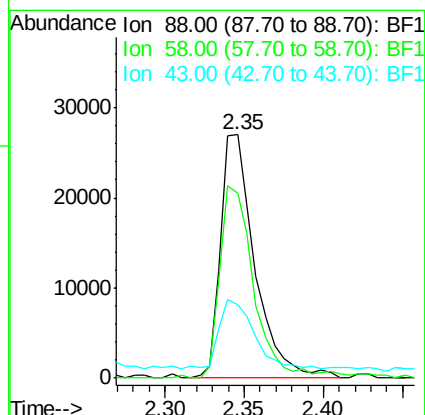
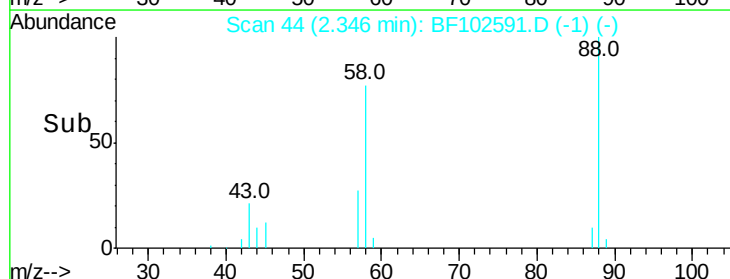
#2

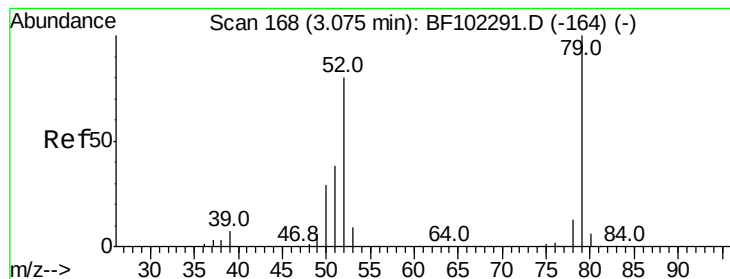
1,4-Dioxane
Concen: 8.034 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Tgt Ion: 88 Resp: 40373
Ion Ratio Lower Upper
88 100
58 79.4 62.6 93.8
43 33.4 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: 7.539 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.00 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

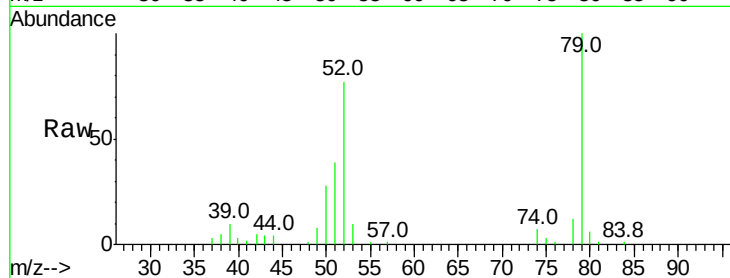
Tot Ion: 79 Resp: 98999

Ion Ratio Lower Upper

79 100

52 76.8 59.8 89.6

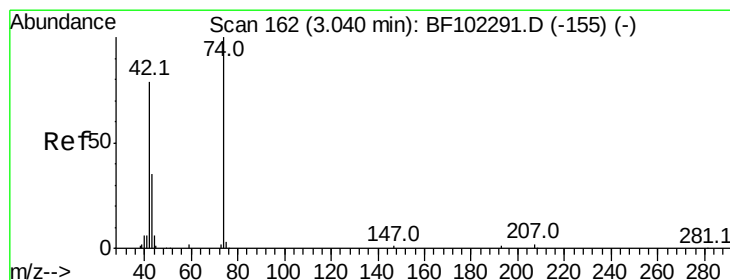
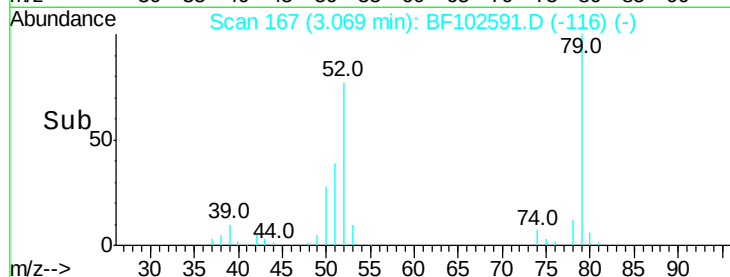
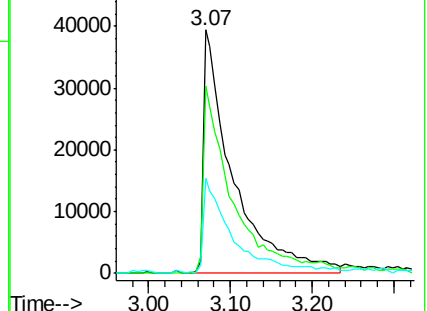
51 39.1 29.8 44.8



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: 9.501 ng

RT: 3.00 min Scan# 156

Delta R.T. -0.04 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

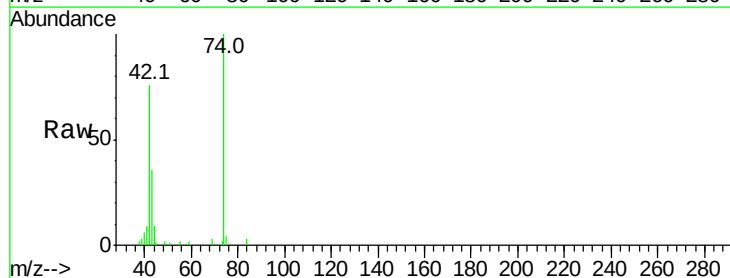
Tgt Ion: 42 Resp: 48915

Ion Ratio Lower Upper

42 100

74 131.1 104.9 157.3

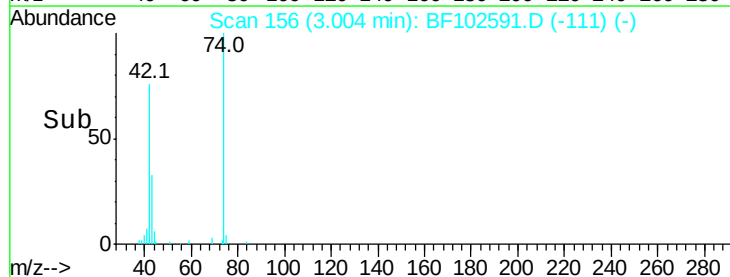
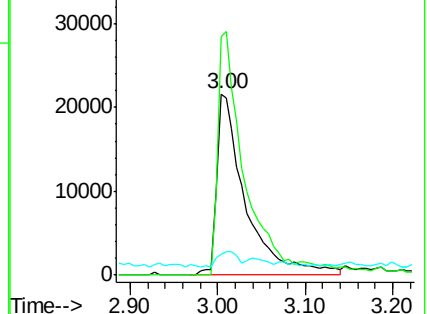
44 11.8 6.9 10.3#

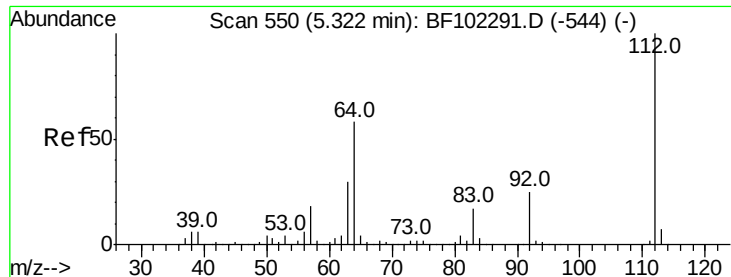


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 27.357 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF102591.D

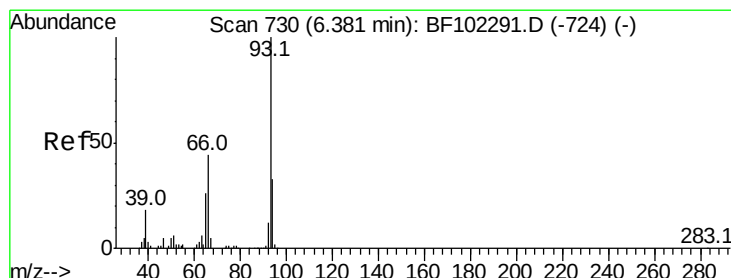
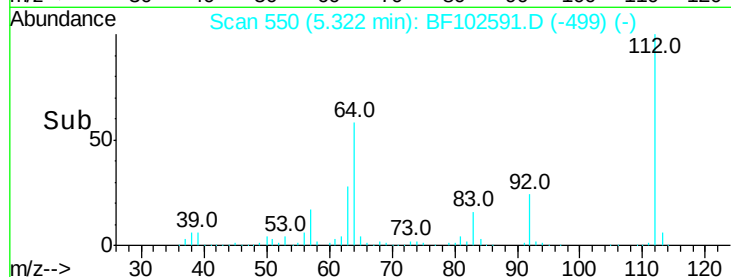
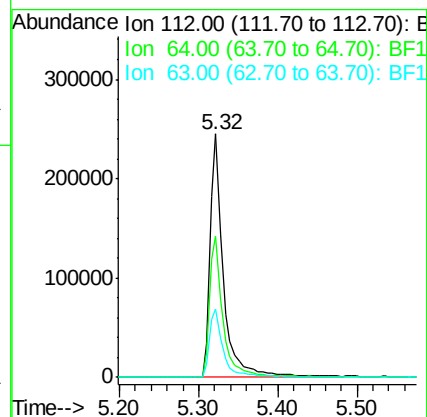
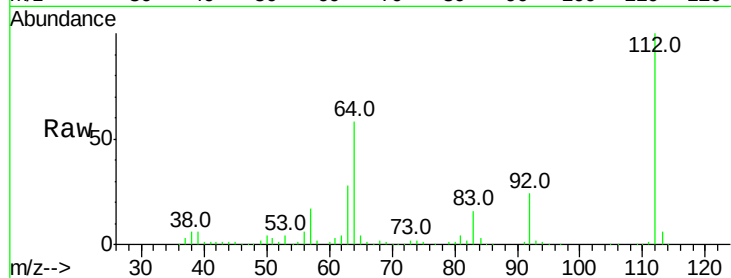
Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	289344
Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	28.2	23.7	35.5



#6

Aniline

Concen: 3.987 ng

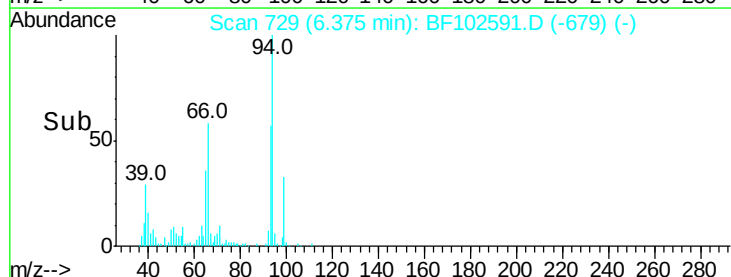
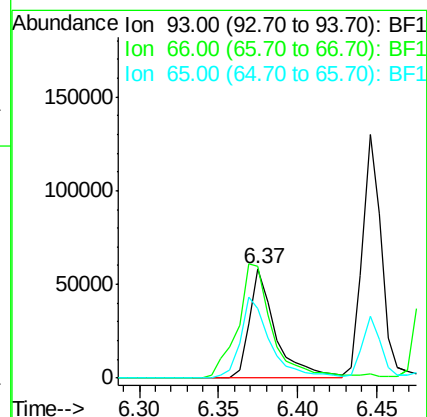
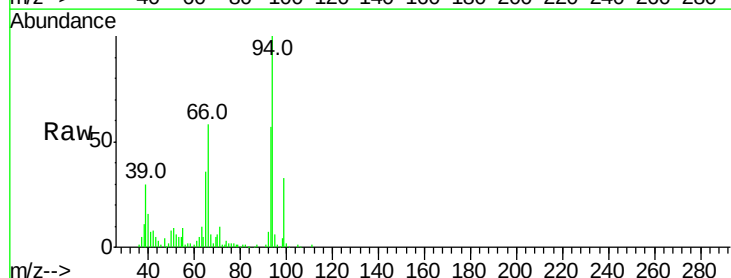
RT: 6.37 min Scan# 729

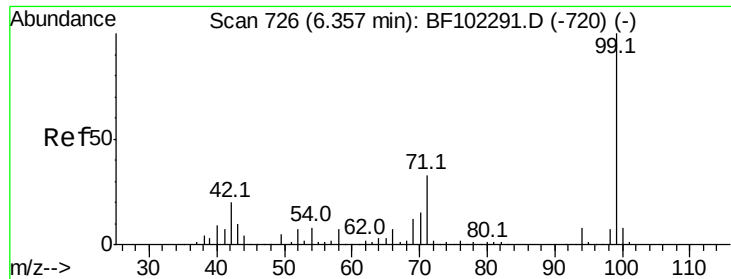
Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Tgt Ion:	93	Resp:	67240
Ion	Ratio	Lower	Upper
93	100		
66	101.4	32.2	48.2#
65	63.8	16.4	24.6#





#7

Phenol-d6

Concen: 27.219 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

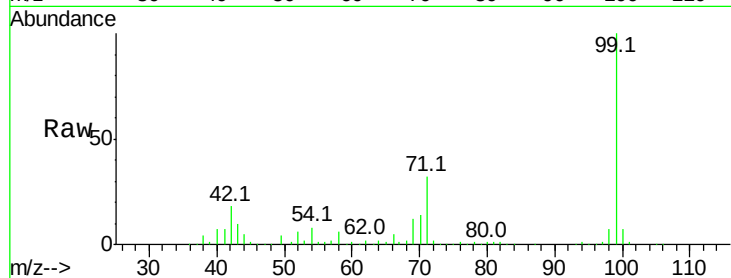
Tot Ion: 99 Resp: 347064

Ion Ratio Lower Upper

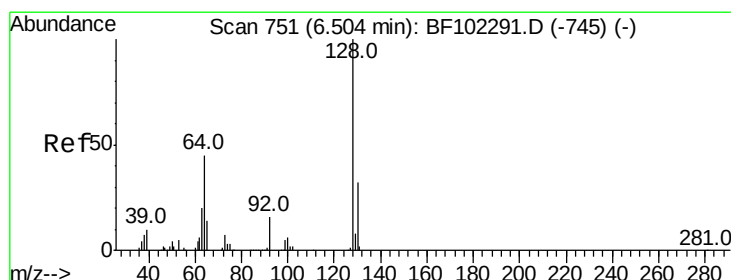
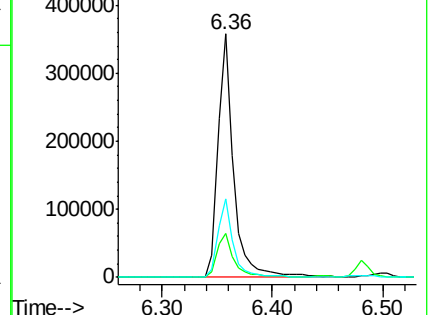
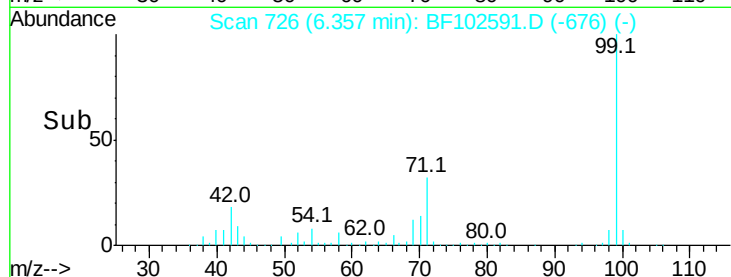
99 100

42 18.0 14.5 21.7

71 32.3 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: 9.945 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

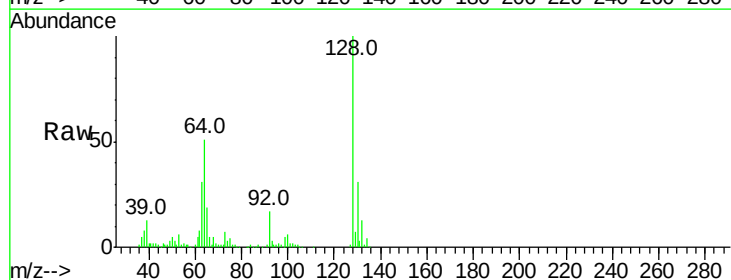
Tgt Ion: 128 Resp: 110255

Ion Ratio Lower Upper

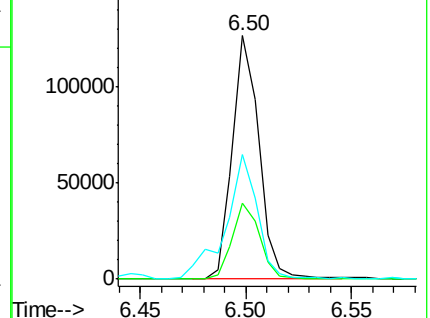
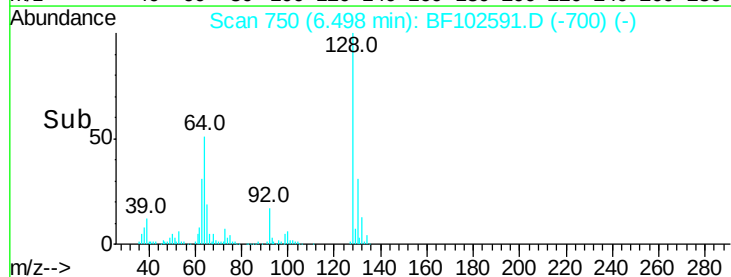
128 100

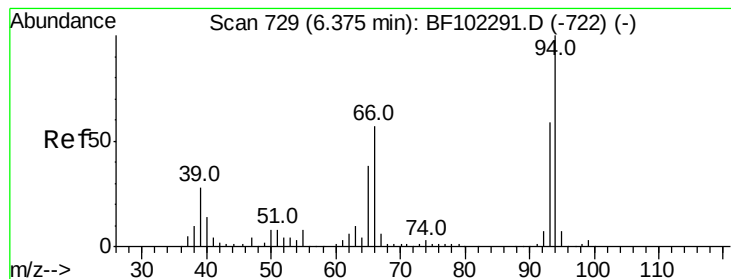
130 31.3 13.0 53.0

64 51.3 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





#10

Phenol

Concen: 10.749 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

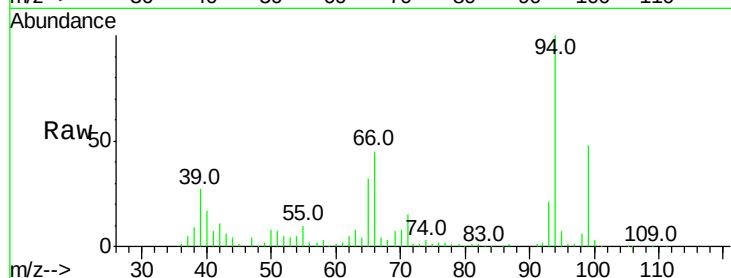
Tot Ion: 94 Resp: 149635

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

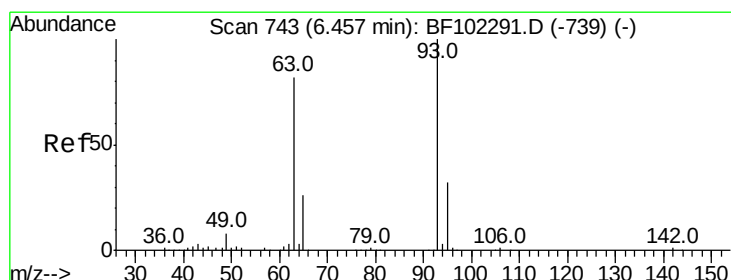
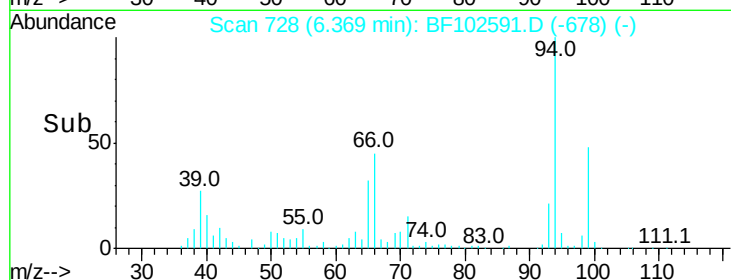
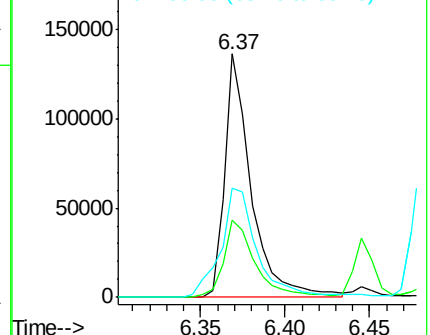
66 44.9 16.2 56.2



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: 10.018 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

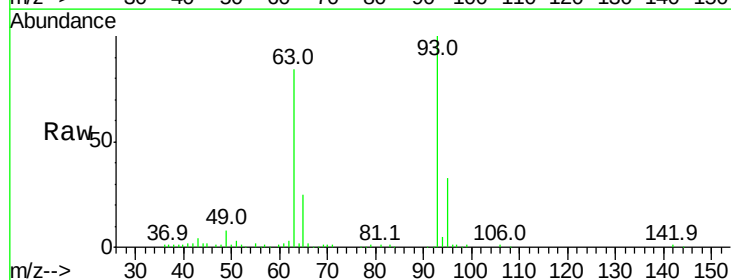
Tgt Ion: 93 Resp: 106064

Ion Ratio Lower Upper

93 100

63 83.6 58.6 98.6

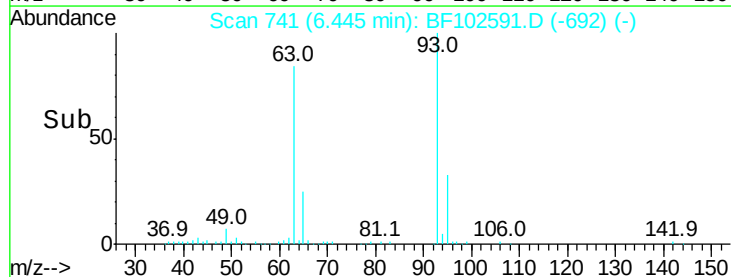
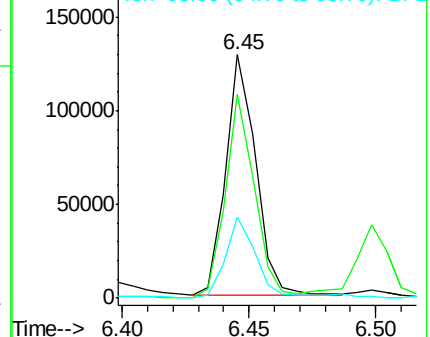
95 33.2 11.8 51.8

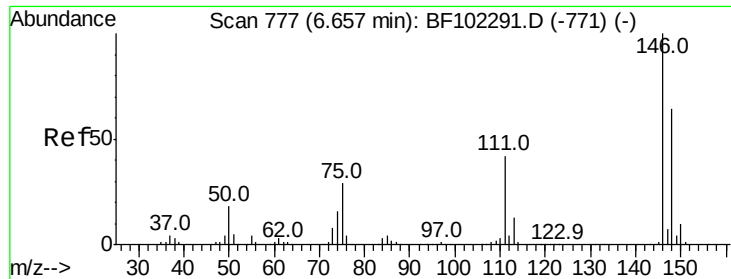


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1





#12

1,3-Dichlorobenzene

Concen: 9.043 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

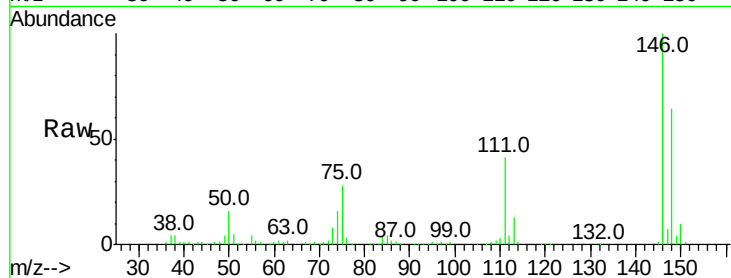
Tot Ion:146 Resp: 119242

Ion Ratio Lower Upper

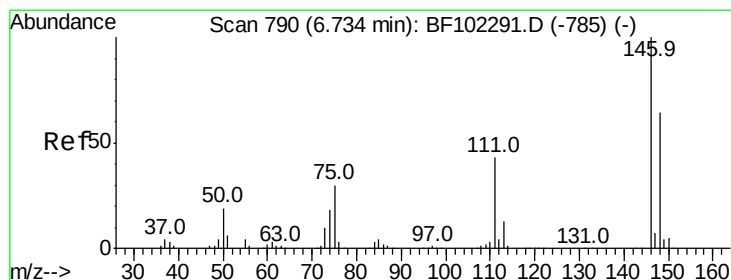
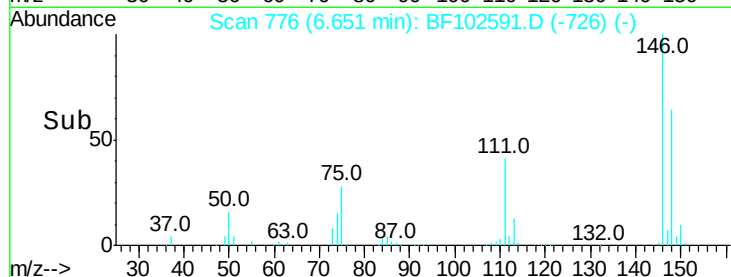
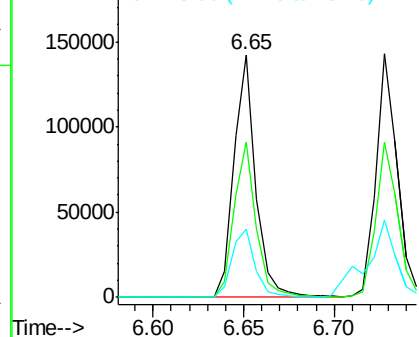
146 100

148 64.2 51.8 77.8

75 28.1 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: 9.128 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

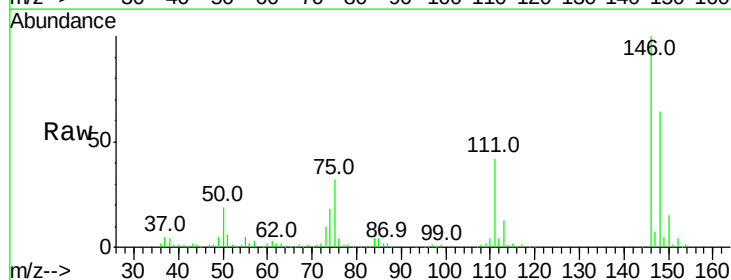
Tgt Ion:146 Resp: 120566

Ion Ratio Lower Upper

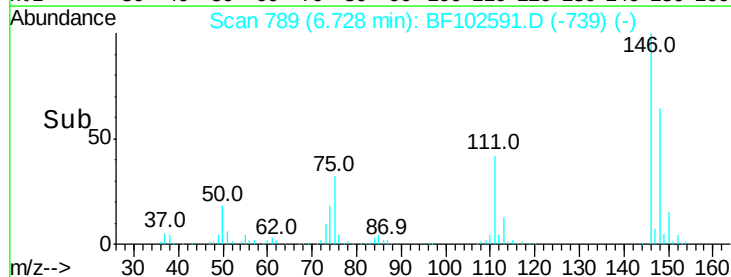
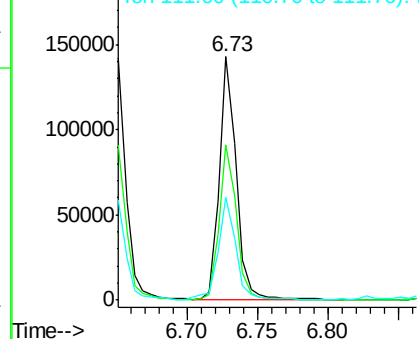
146 100

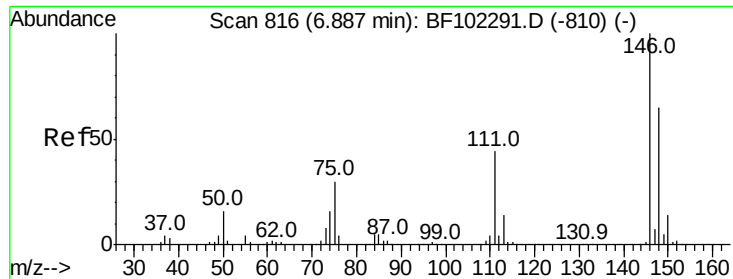
148 63.7 50.8 76.2

111 42.1 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

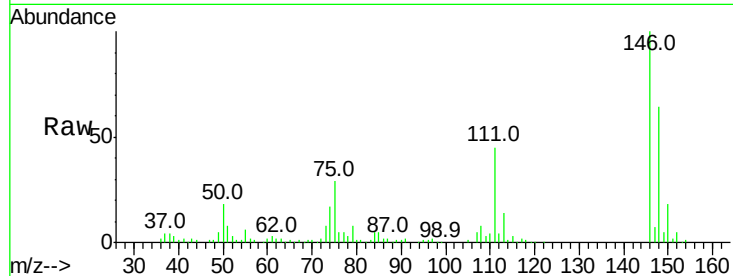




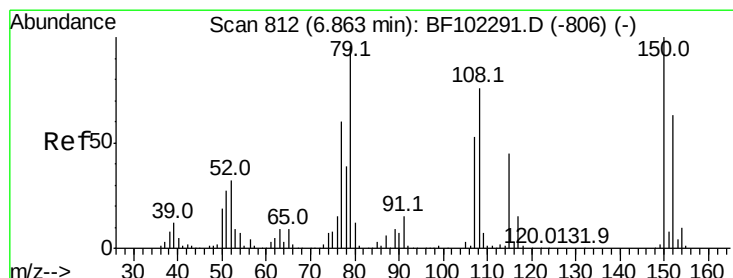
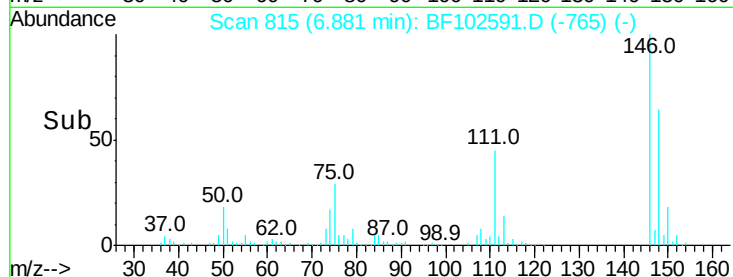
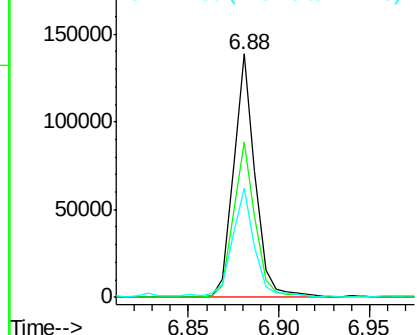
#14
 1,2-Dichlorobenzene
 Concen: 9.534 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 115191
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 44.7 36.0 54.0

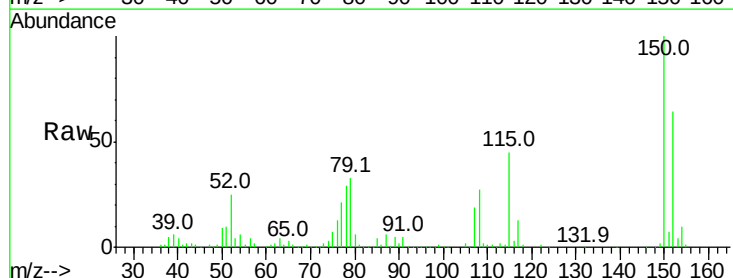


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

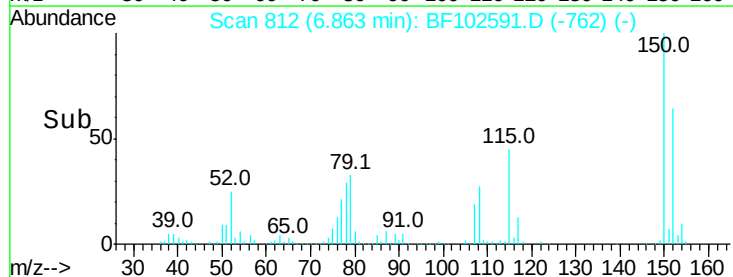
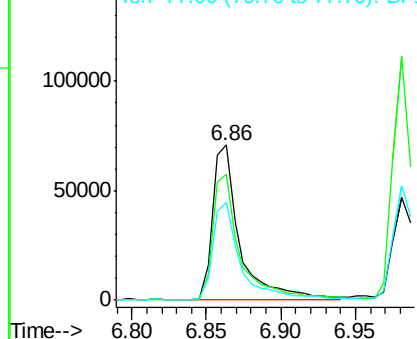


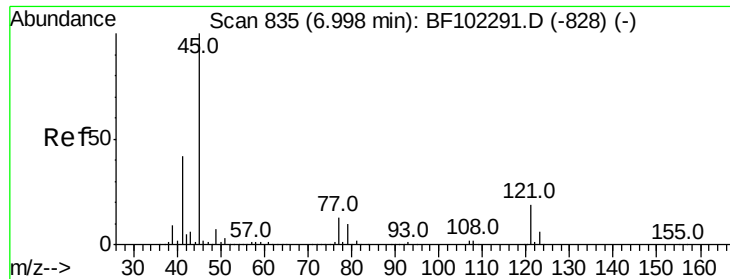
#15
 Benzyl Alcohol
 Concen: 9.852 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Tgt Ion: 79 Resp: 88634
 Ion Ratio Lower Upper
 79 100
 108 81.6 65.1 97.7
 77 63.2 50.6 75.8



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

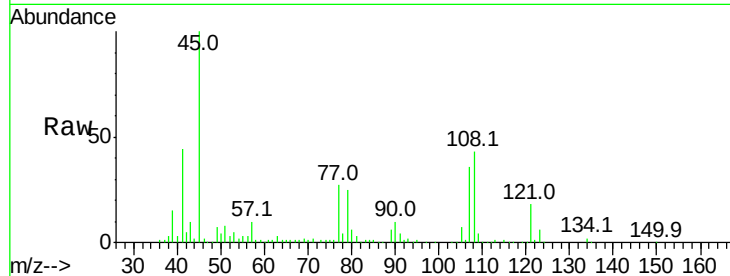




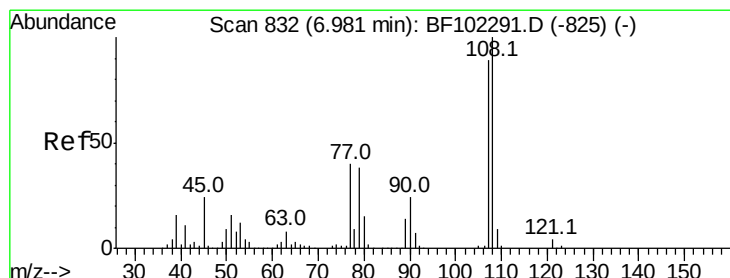
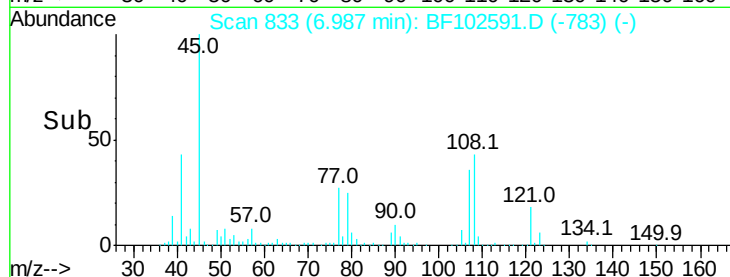
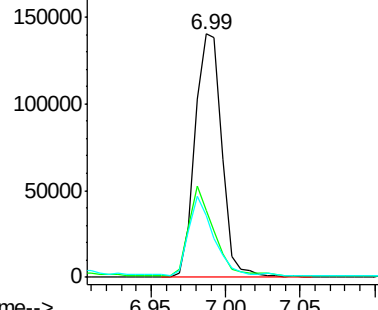
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 10.100 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 45 Resp: 179353
Ion Ratio Lower Upper
45 100
77 27.3 0.0 32.9
79 25.2 0.0 29.6

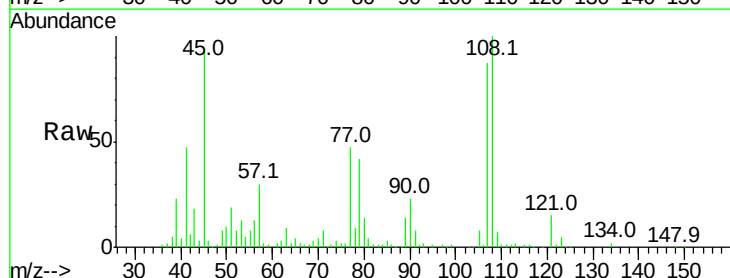


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

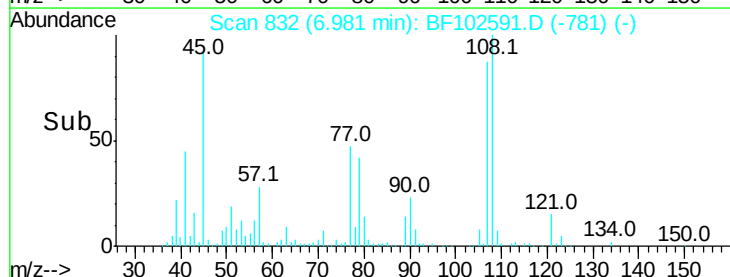
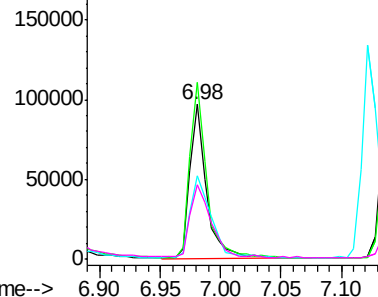


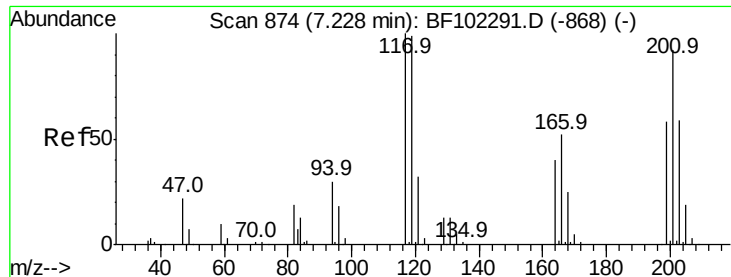
#17
2-Methylphenol
Concen: 9.536 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Tgt Ion:107 Resp: 91821
Ion Ratio Lower Upper
107 100
108 114.5 91.7 137.5
77 54.1 33.8 50.8#
79 48.3 33.8 50.8



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





#18

Hexachloroethane

Concen: 9.022 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

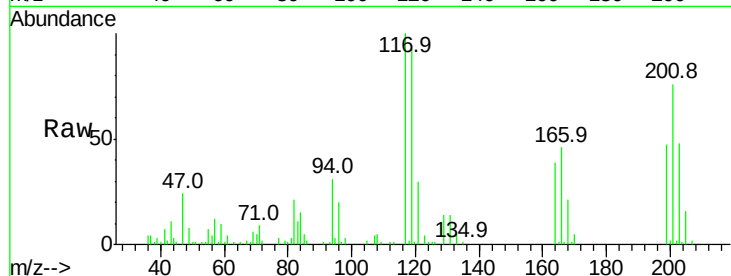
Tot Ion:117 Resp: 41523

Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.8

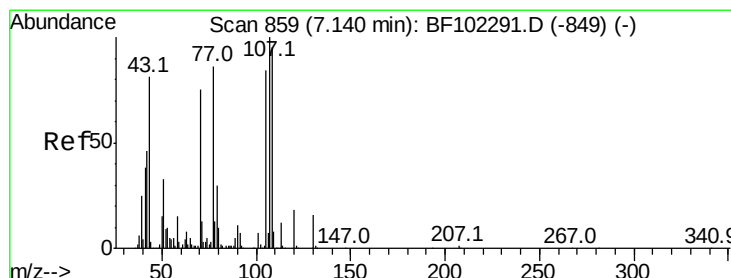
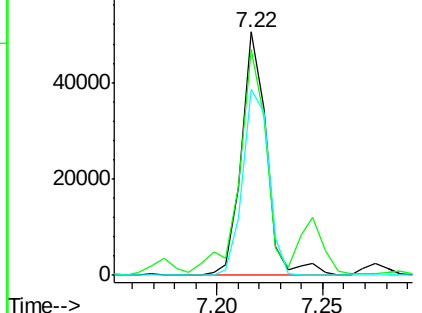
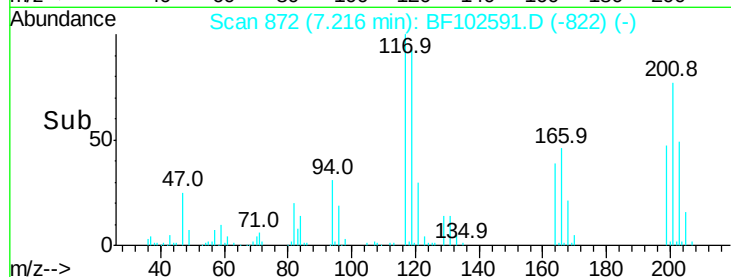
201 76.2 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 11.015 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Tgt Ion: 70 Resp: 85951

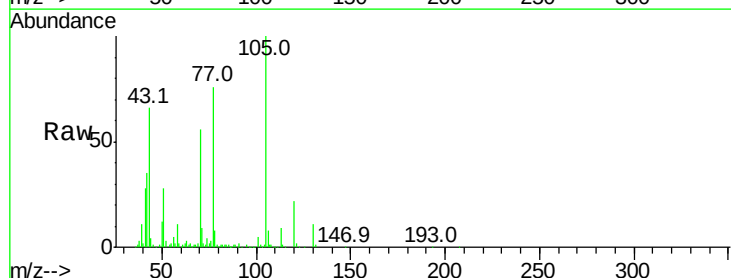
Ion Ratio Lower Upper

70 100

42 61.8 47.5 71.3

101 9.6 7.4 11.2

130 20.6 16.6 25.0

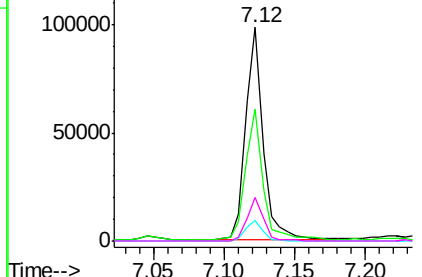
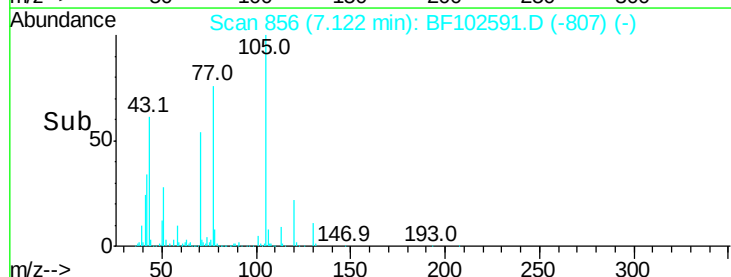


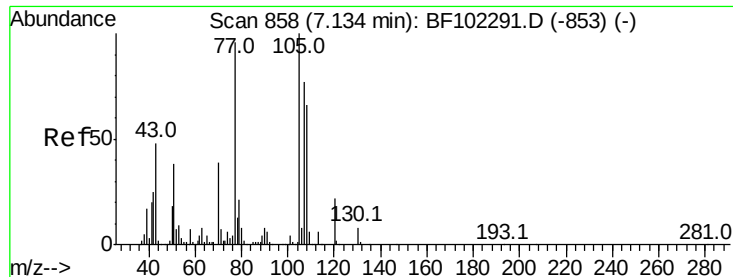
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

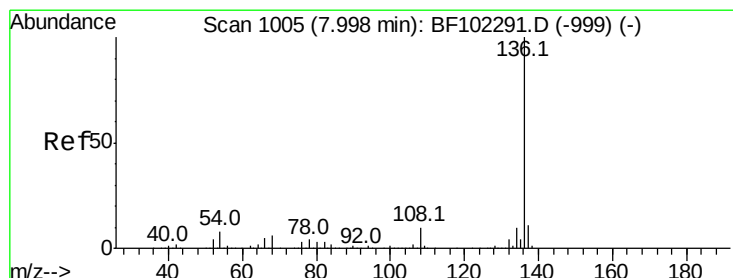
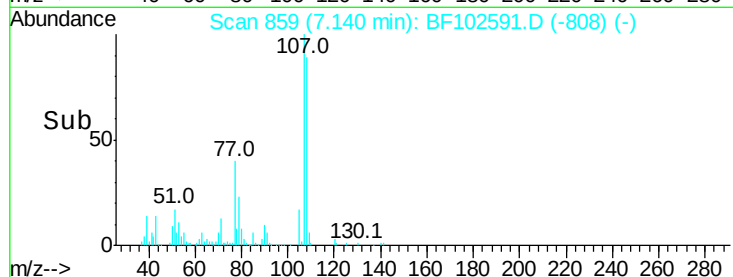
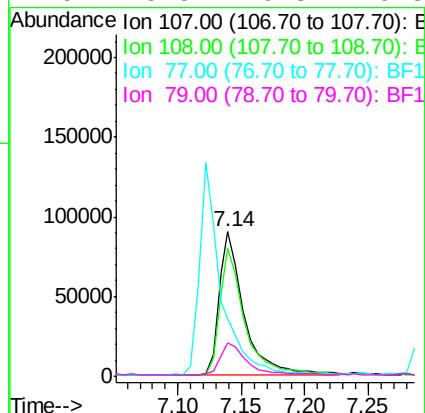
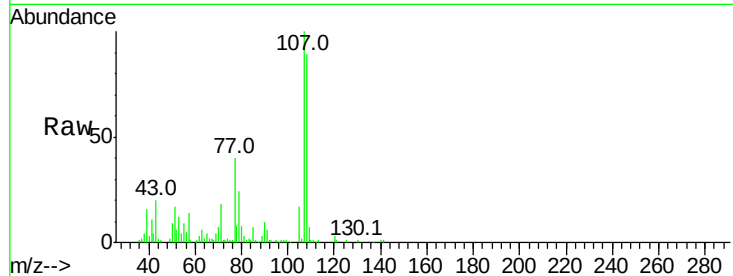




#20
3+4-Methylphenols
Concen: 10.999 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

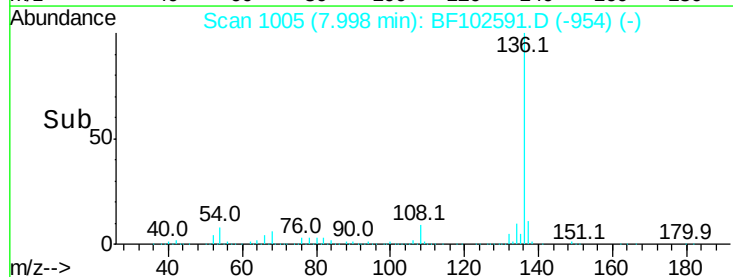
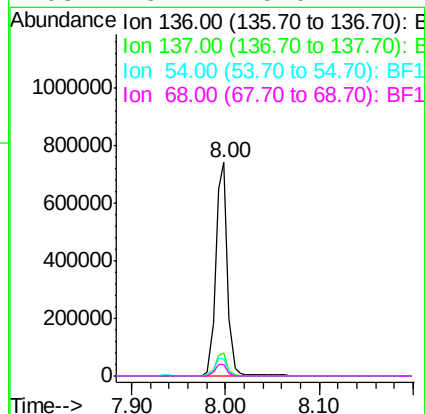
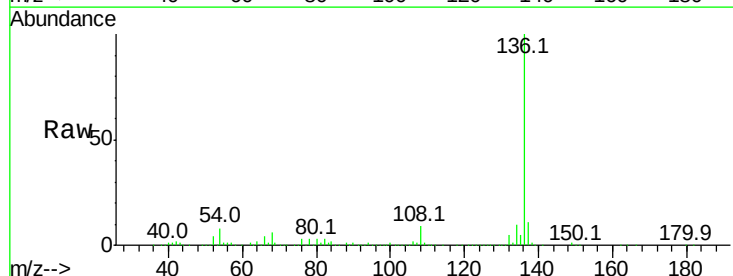
Instrument :
BNA_F
ClientSampleId :

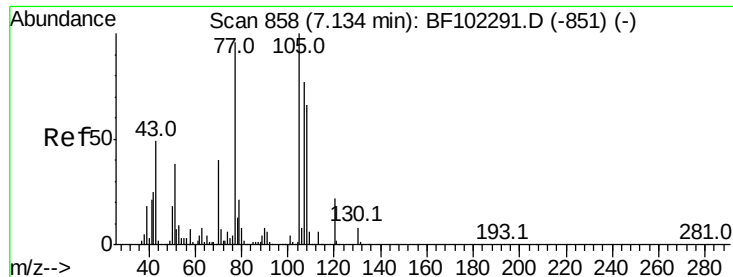
Tot Ion:	107	Resp:	124556
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.2	108.2
77	39.5	26.7	66.7
79	23.5	6.3	46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Tgt Ion:	136	Resp:	658979
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	5.7	5.0	7.4





#22

Acetophenone

Concen: 10.922 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:105 Resp: 171570

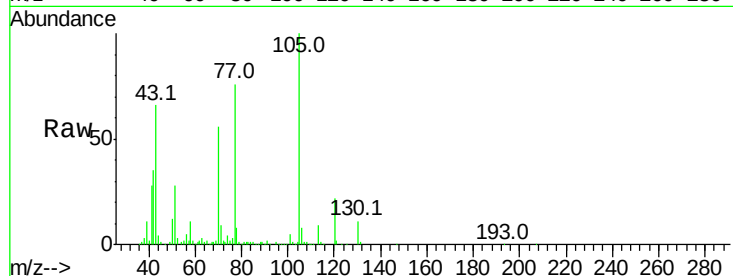
Ion Ratio Lower Upper

105 100

71 8.9 4.4 6.6#

51 28.2 22.3 33.5

120 22.0 16.9 25.3

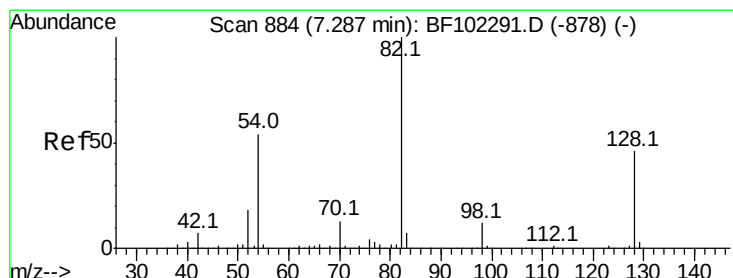
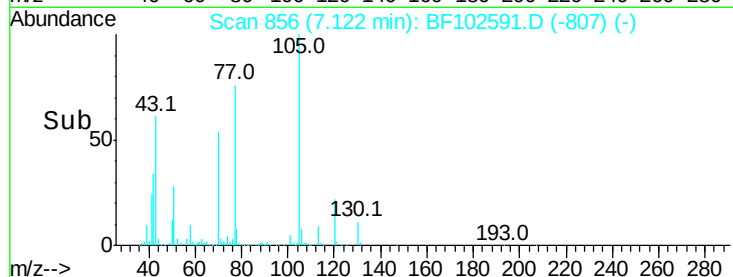
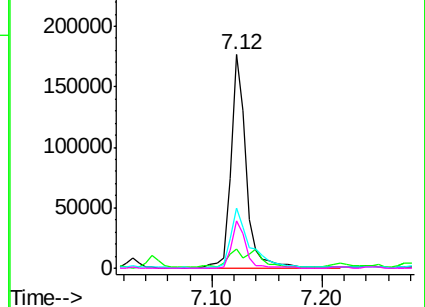


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 18.266 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

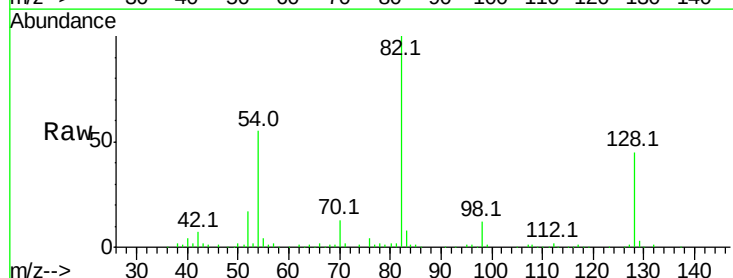
Tgt Ion: 82 Resp: 209461

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

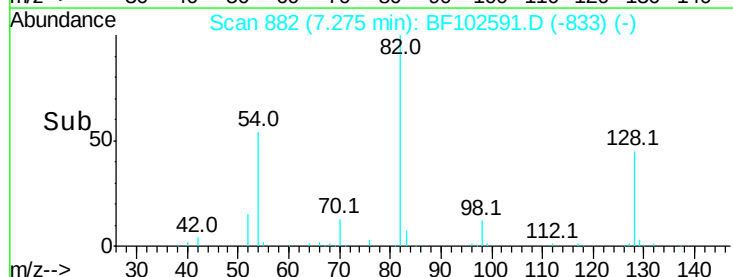
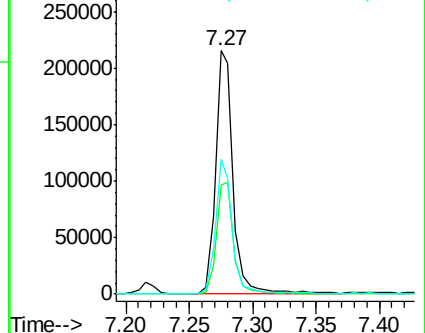
54 55.1 41.4 62.2

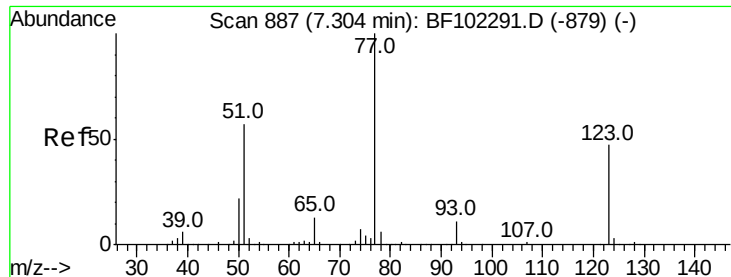


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

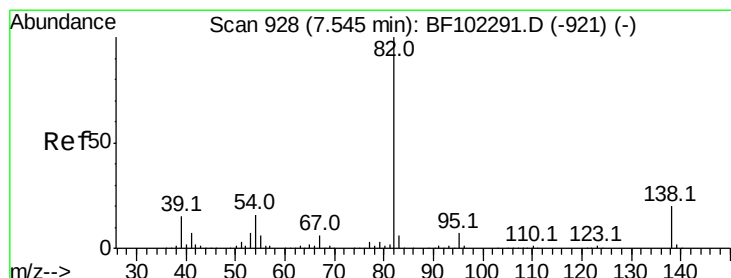
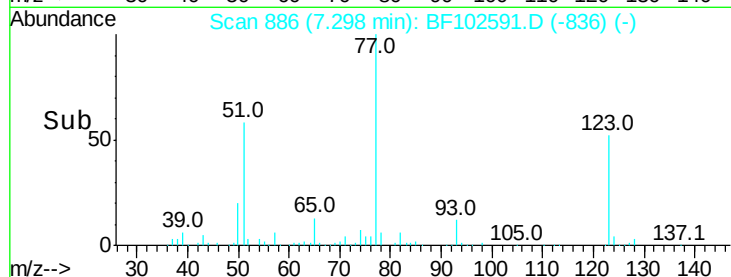
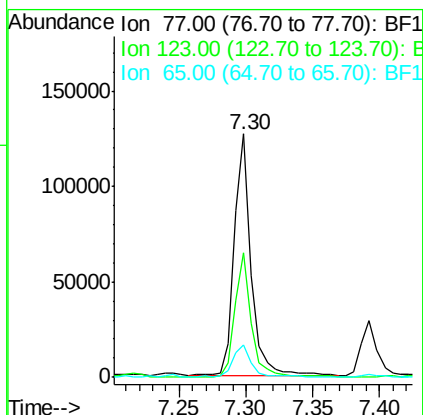
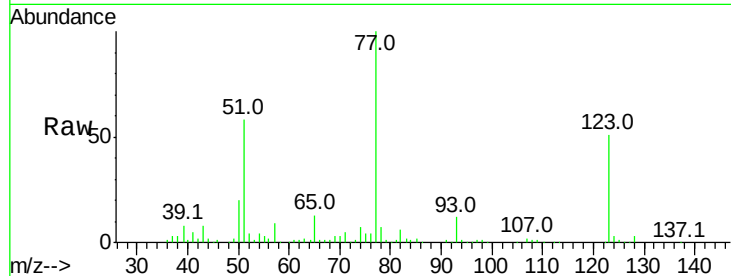




#24
Nitrobenzene
Concen: 9.659 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

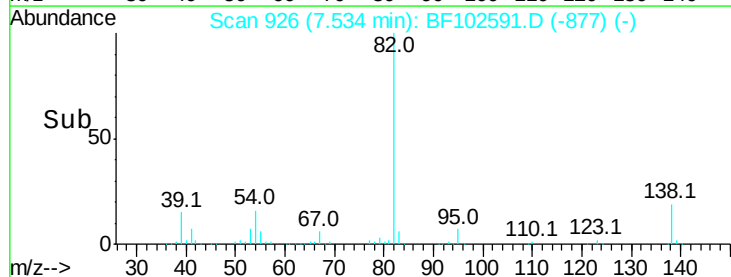
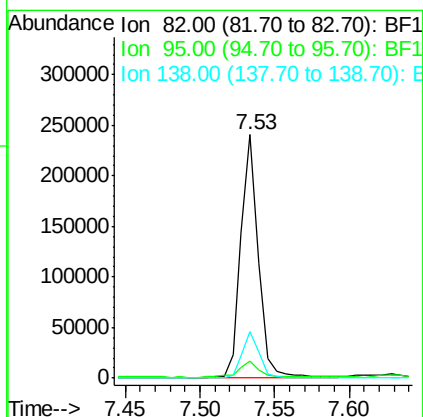
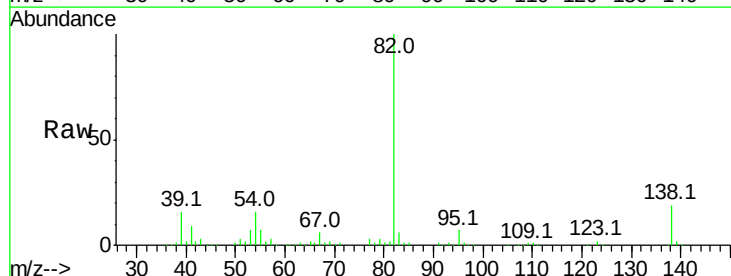
Instrument :
BNA_F
ClientSampleId :

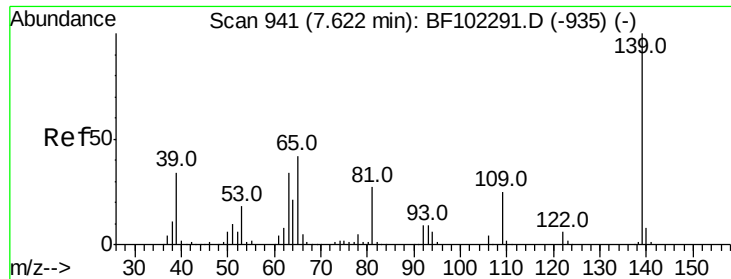
Tot Ion: 77 Resp: 113354
Ion Ratio Lower Upper
77 100
123 51.4 37.9 56.9
65 13.2 11.0 16.4



#25
Isophorone
Concen: 9.616 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Tgt Ion: 82 Resp: 196585
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 19.3 14.9 22.3

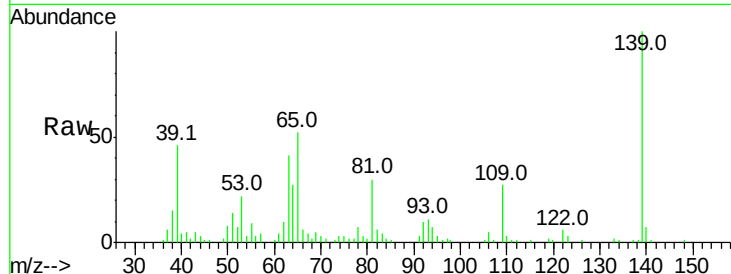




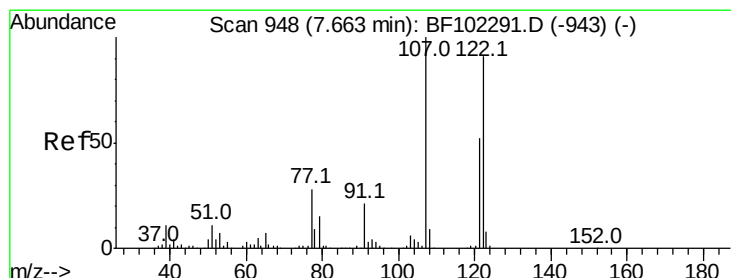
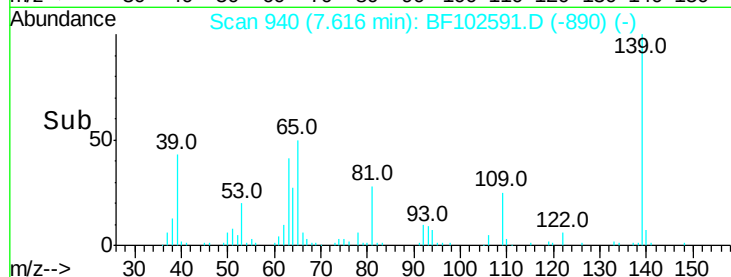
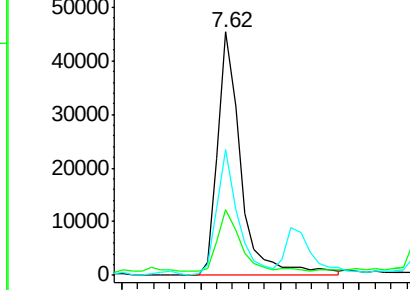
#26
2-Nitrophenol
Concen: 7.483 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 46216
Ion Ratio Lower Upper
139 100
109 26.9 22.7 34.1
65 51.6 40.5 60.7

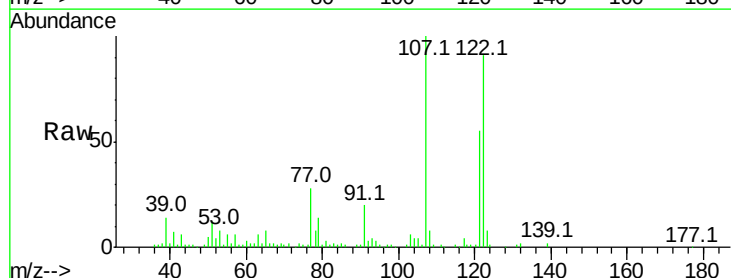


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

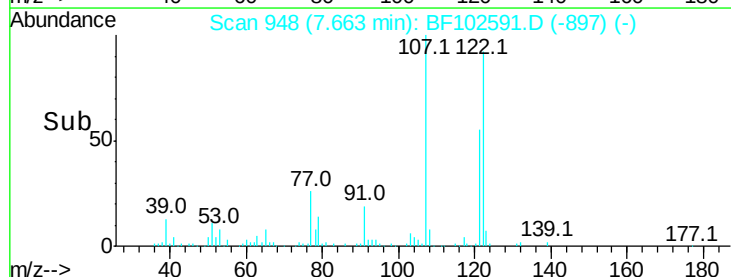
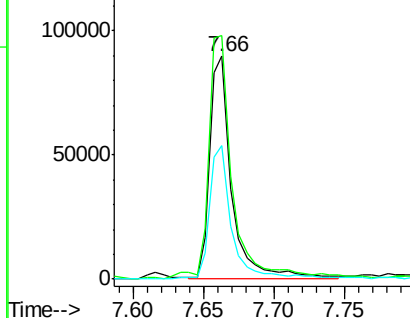


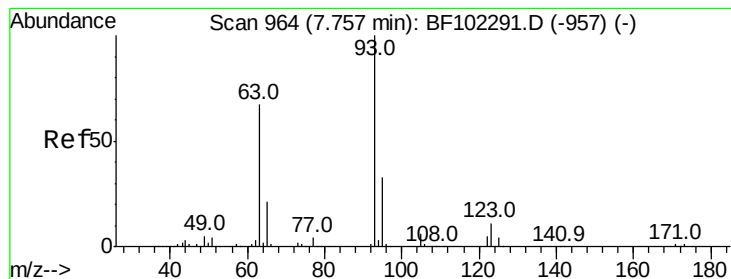
#27
2,4-Dimethylphenol
Concen: 10.878 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Tgt Ion:122 Resp: 97562
Ion Ratio Lower Upper
122 100
107 109.4 91.2 136.8
121 59.9 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: 10.909 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

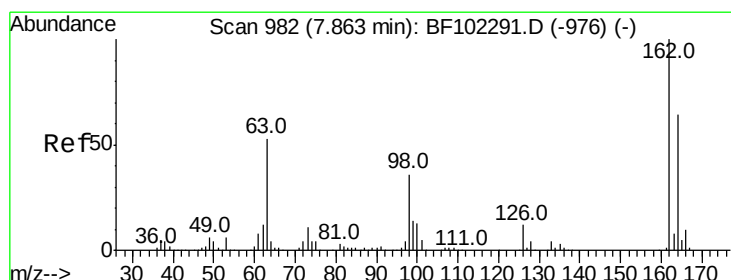
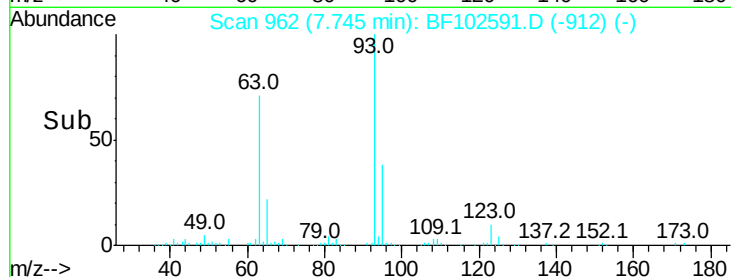
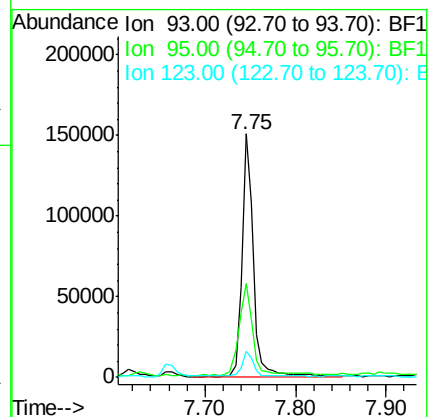
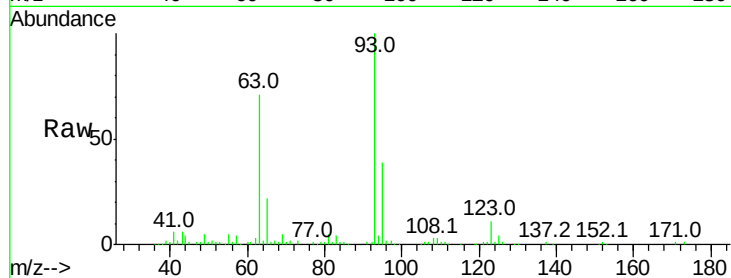
Tot Ion: 93 Resp: 137762

Ion Ratio Lower Upper

93 100

95 38.7 26.3 39.5

123 10.5 9.8 14.6



#29

2,4-Dichlorophenol

Concen: 9.690 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

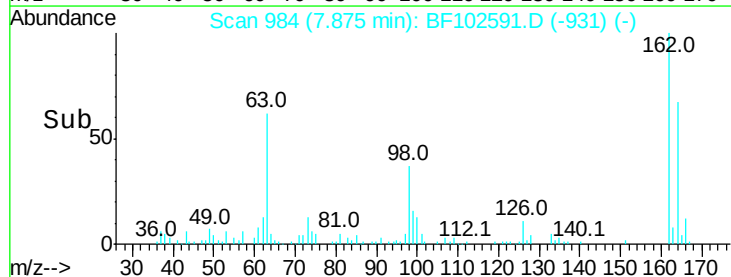
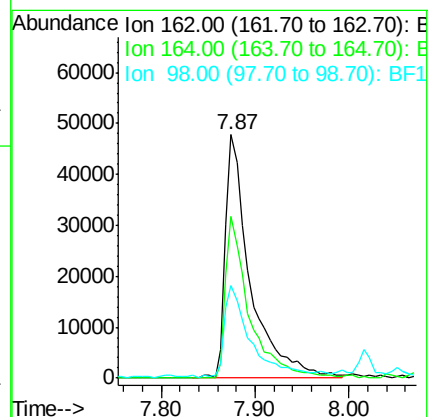
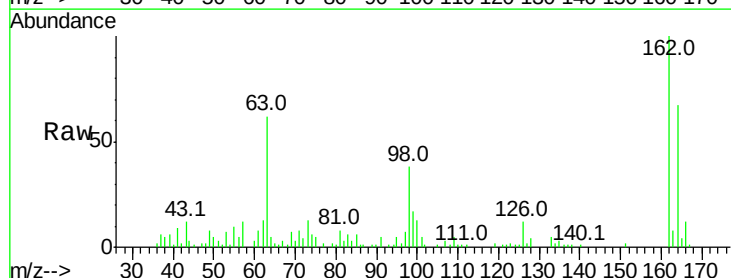
Tgt Ion: 162 Resp: 88526

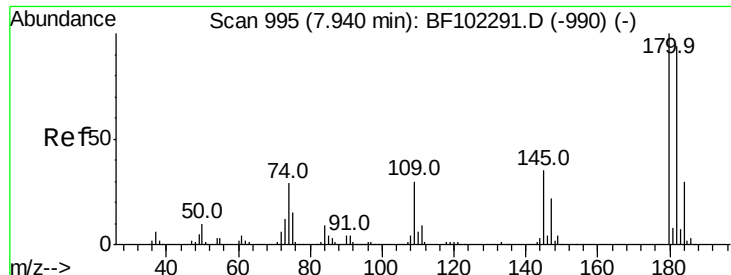
Ion Ratio Lower Upper

162 100

164 66.6 42.7 82.7

98 37.9 18.1 58.1

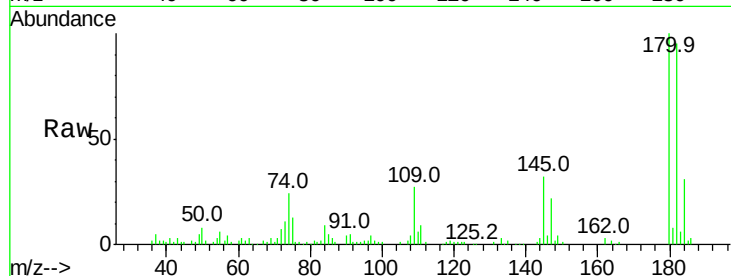




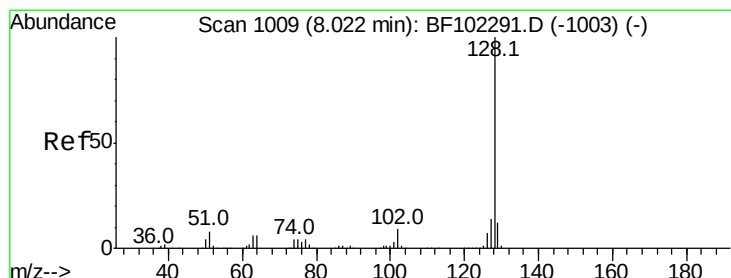
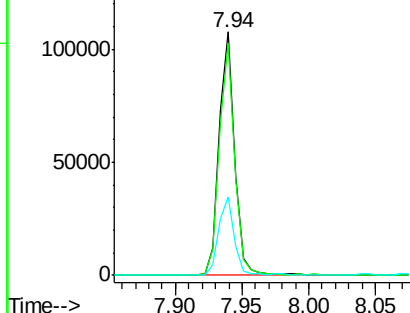
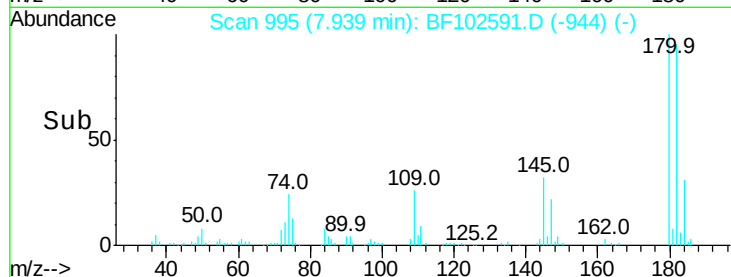
#30
 1,2,4-Trichlorobenzene
 Concen: 9.130 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 89403
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.8 115.2
 145 32.3 26.5 39.7

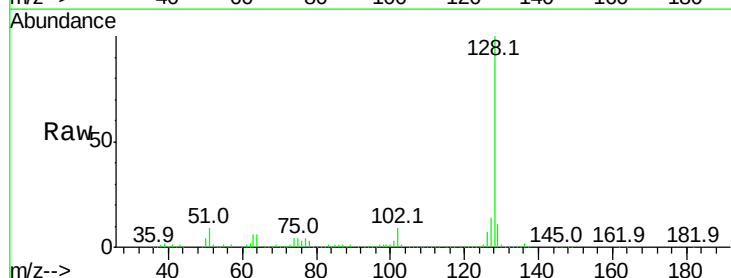


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

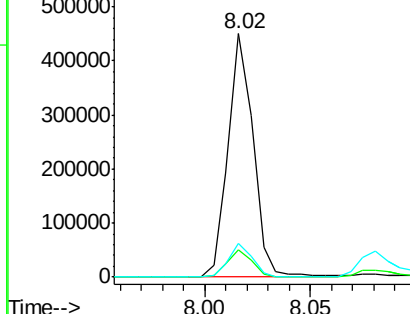
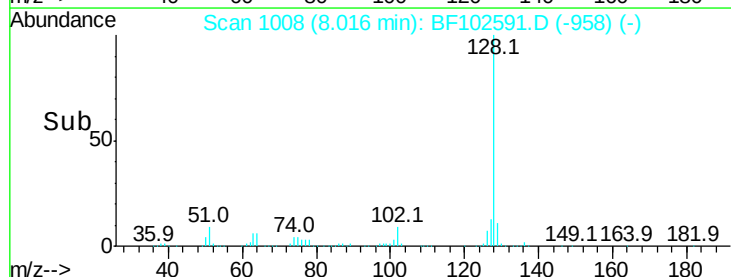


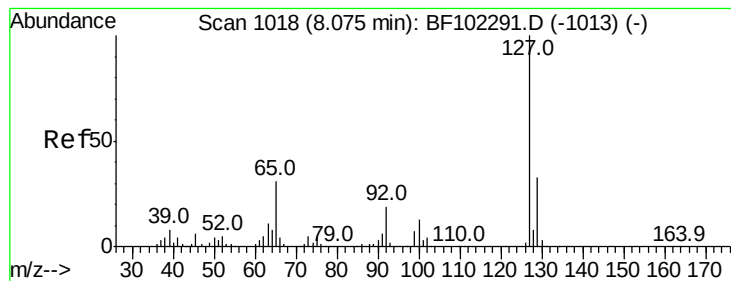
#31
 Naphthalene
 Concen: 11.281 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Tgt Ion:128 Resp: 371179
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.8 13.2
 127 13.6 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





#33

4-Chloroaniline

Concen: 5.086 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 70364

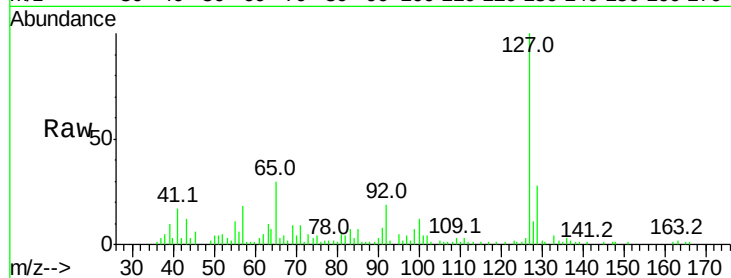
Ion Ratio Lower Upper

127 100

129 27.8 25.9 38.9

65 30.5 25.0 37.4

92 18.7 15.2 22.8

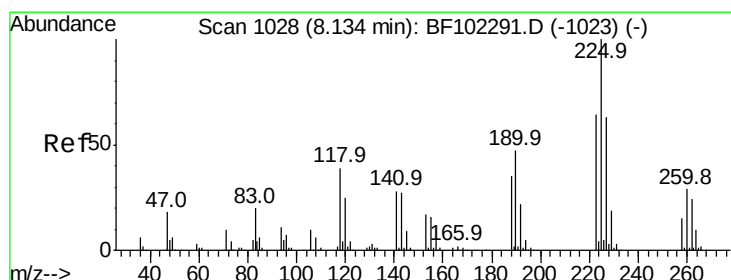
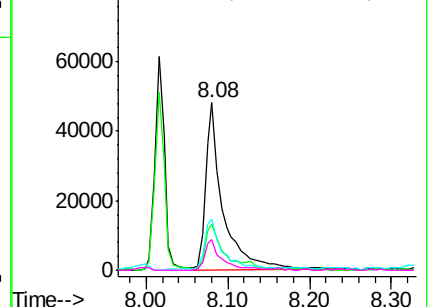
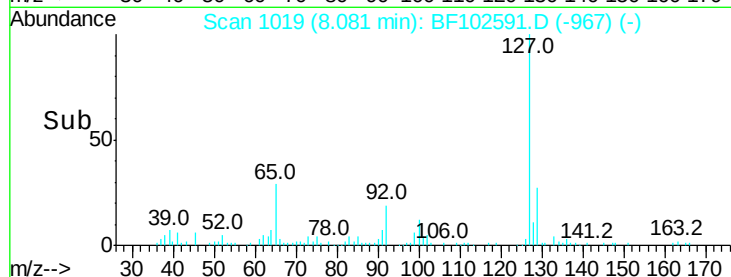


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 8.640 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

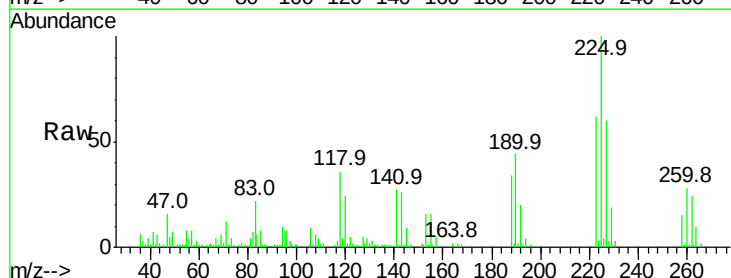
Tgt Ion:225 Resp: 45187

Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

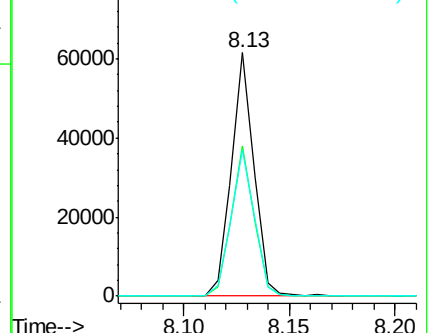
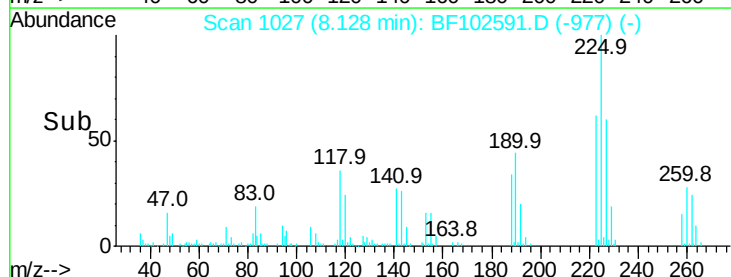
227 60.3 51.9 77.9

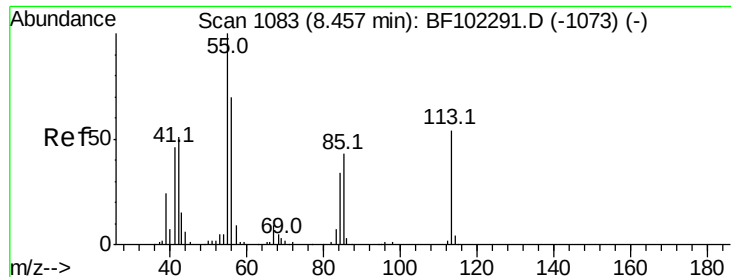


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 10.341 ng

RT: 8.42 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampled :

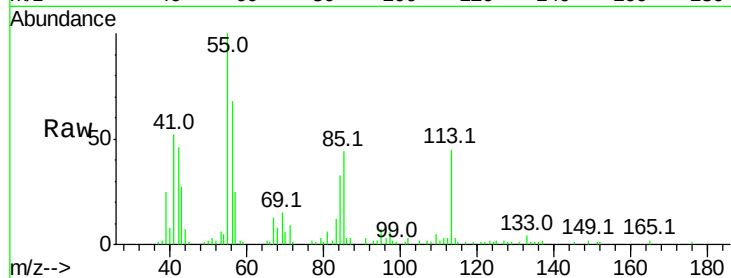
Tot Ion:113 Resp: 31200

Ion Ratio Lower Upper

113 100

55 223.3 163.3 203.3#

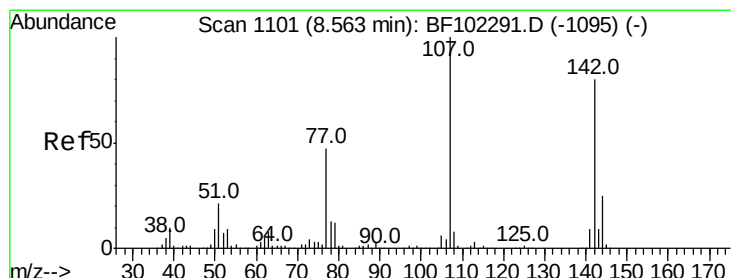
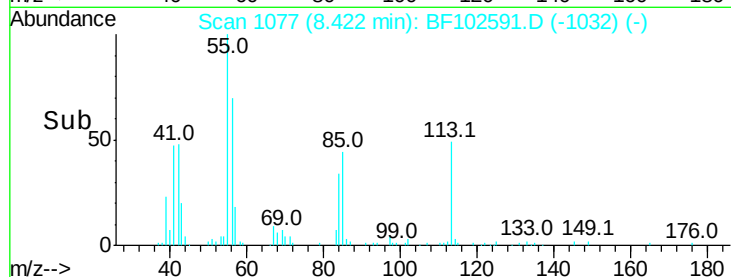
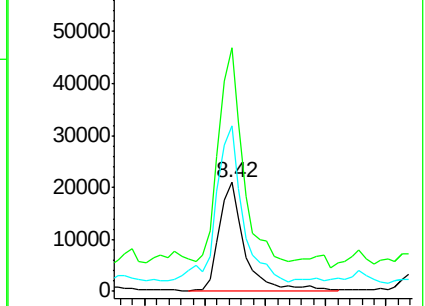
56 151.3 115.7 155.7



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: 10.235 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

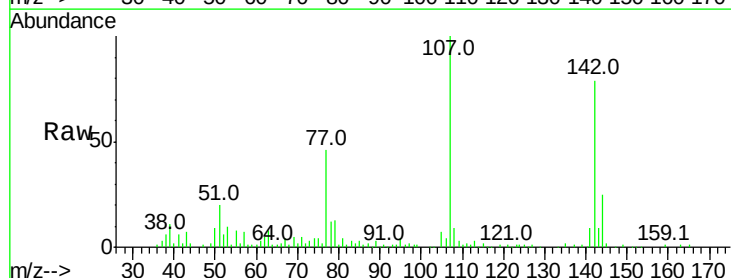
Tgt Ion:107 Resp: 98556

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

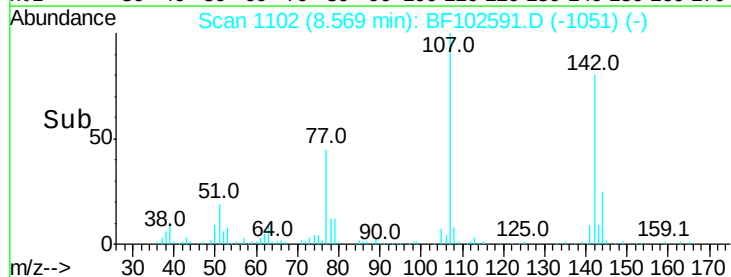
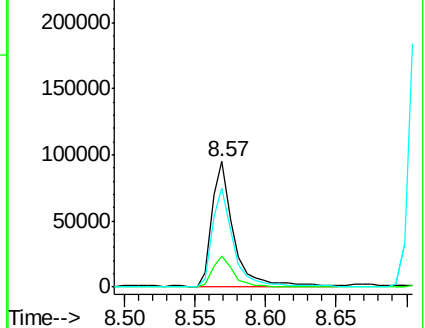
142 79.1 62.0 93.0

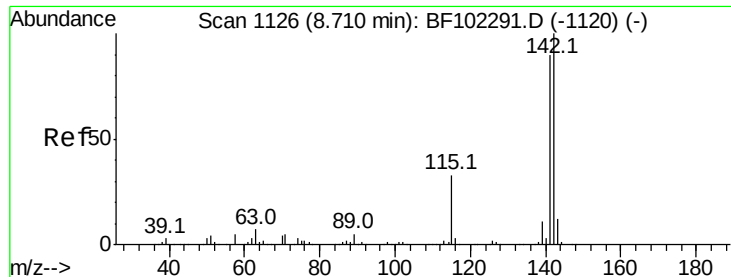


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

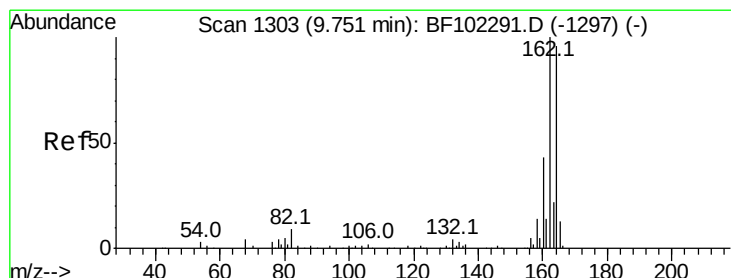
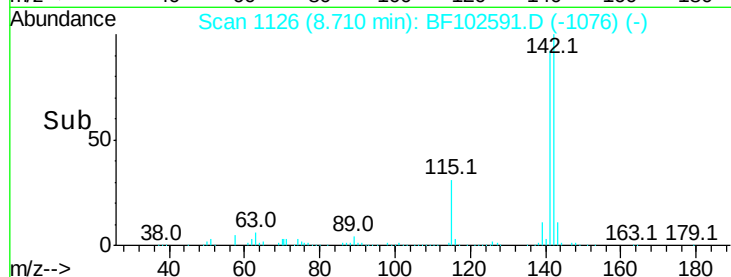
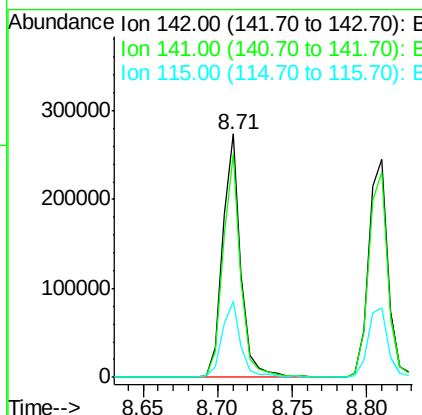
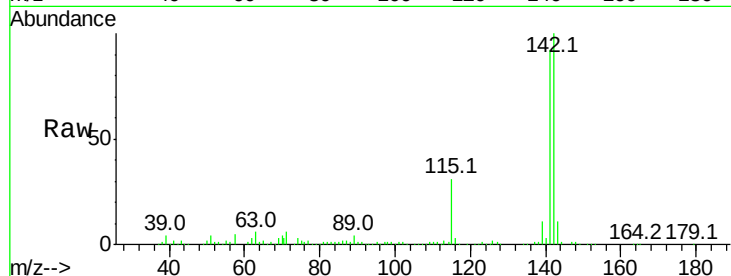




#37
 2-Methylnaphthalene
 Concen: 10.606 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

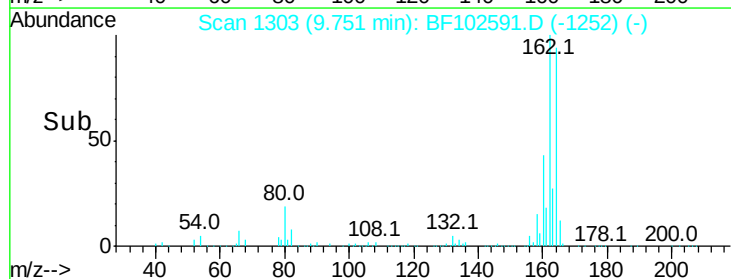
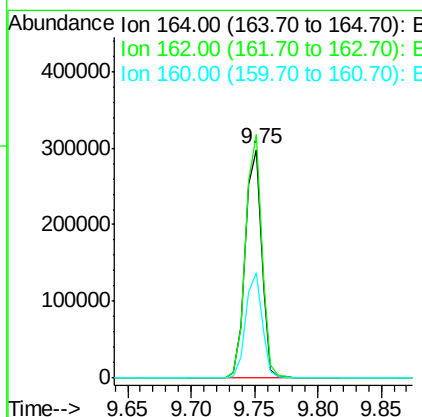
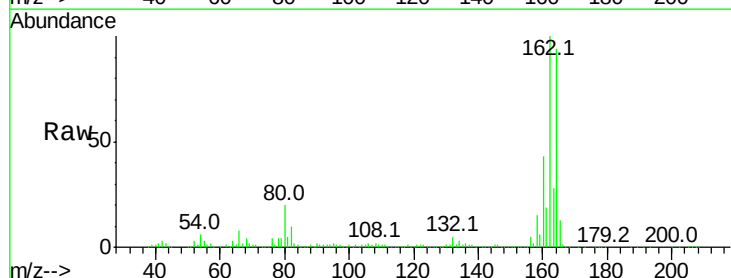
Instrument :
 BNA_F
 ClientSampleId :

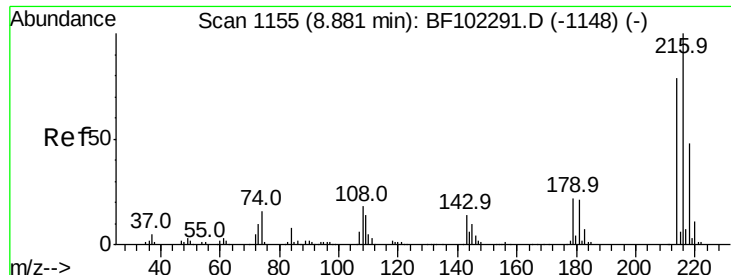
Tot Ion:142	Resp:	232401
Ion Ratio	Lower	Upper
142	100	
141	91.7	70.8 106.2
115	31.3	26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Tgt Ion:164	Resp:	266850
Ion Ratio	Lower	Upper
164	100	
162	106.4	86.1 129.1
160	46.0	38.3 57.5

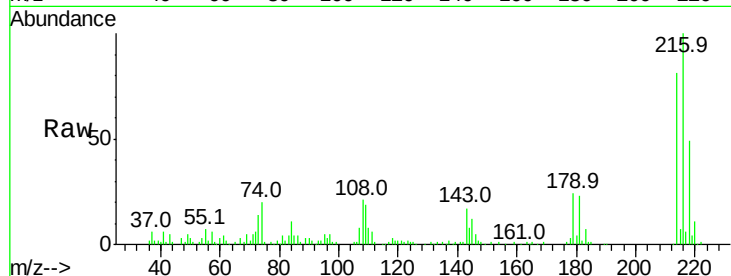




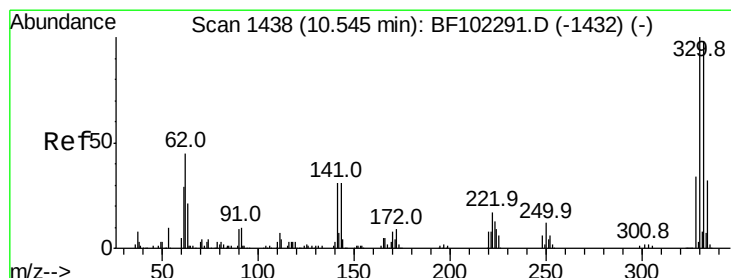
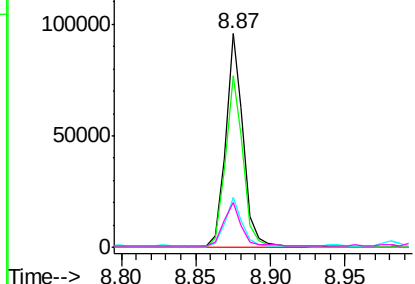
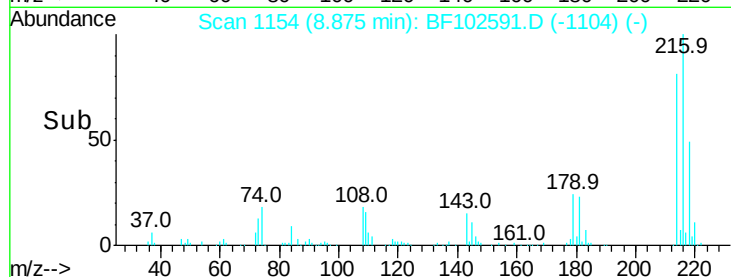
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.981 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	80135
Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.4
179	22.0	18.1	27.1
108	20.3	17.2	25.8

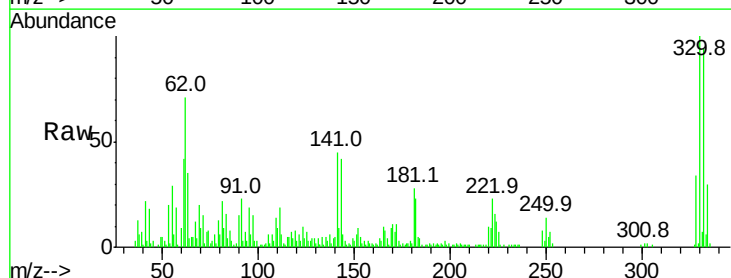


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

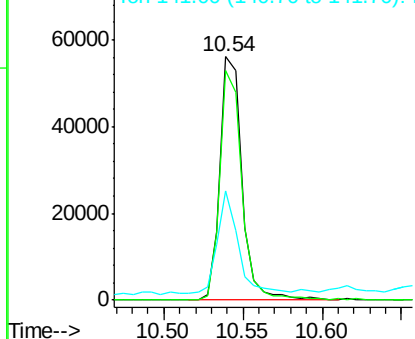
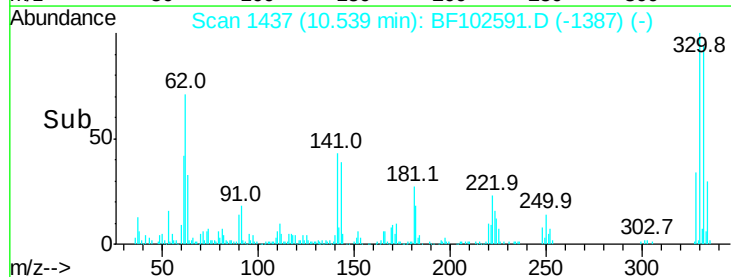


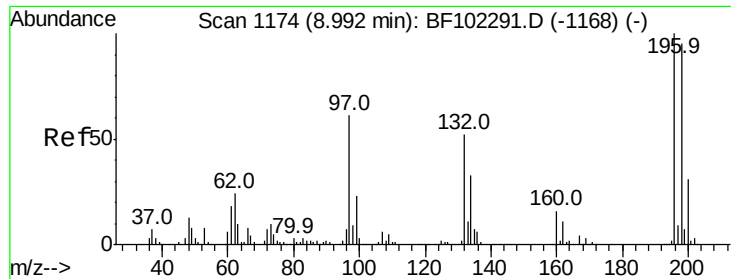
#41
 2,4,6-Tribromophenol
 Concen: 20.425 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Tgt Ion:	330	Resp:	54005
Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	39.8	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

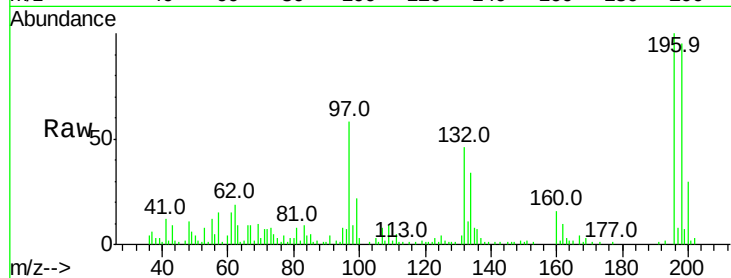




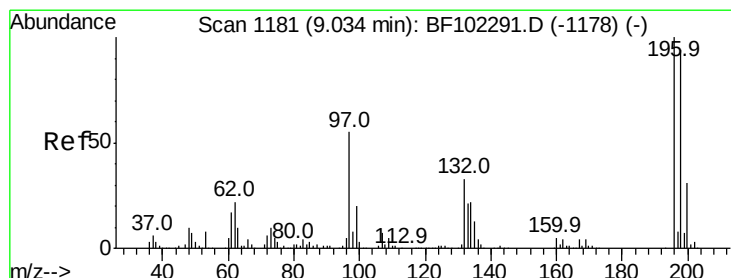
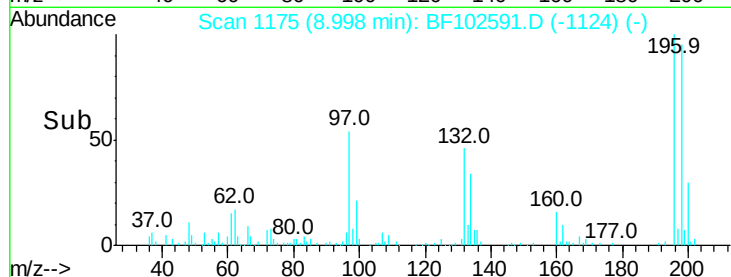
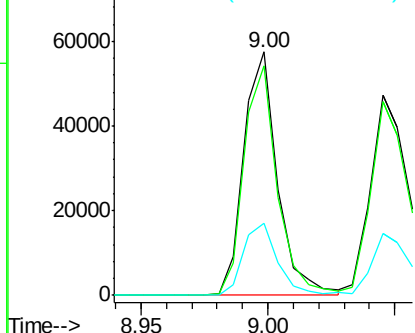
#42
 2,4,6-Trichlorophenol
 Concen: 9.929 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 53365
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 29.8 24.5 36.7

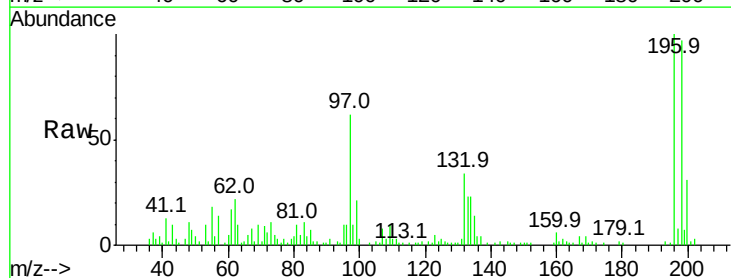


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

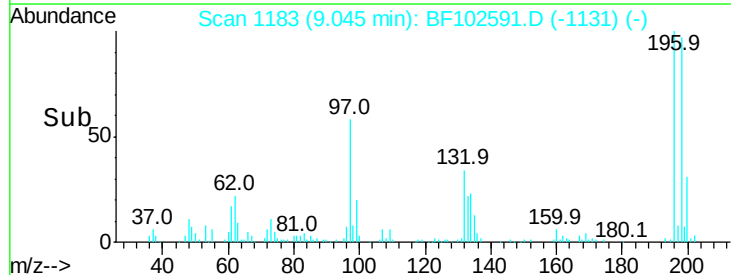
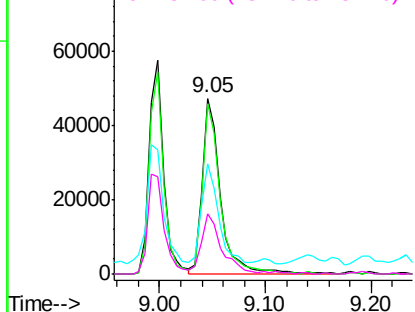


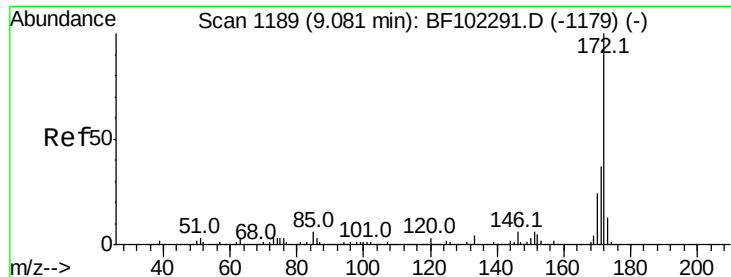
#43
 2,4,5-Trichlorophenol
 Concen: 9.406 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Tgt Ion:196 Resp: 56921
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.6 112.0
 97 62.3 42.9 64.3
 132 34.2 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 20.253 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

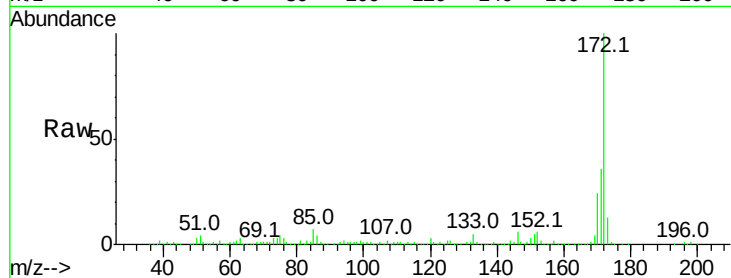
Tot Ion:172 Resp: 367559

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

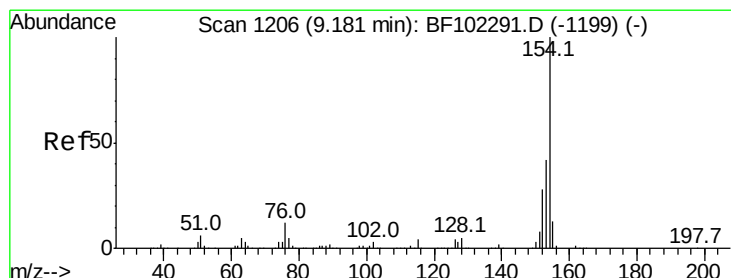
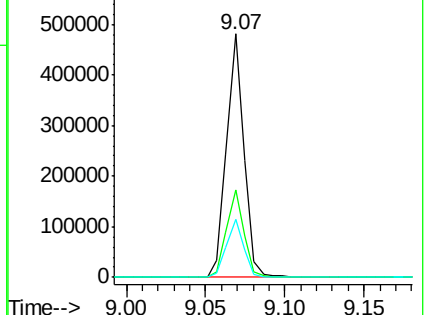
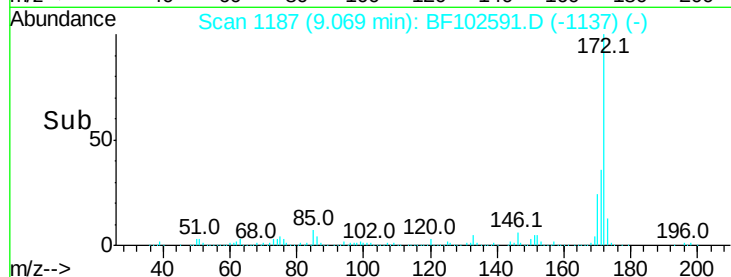
170 24.1 19.6 29.4



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: 10.812 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

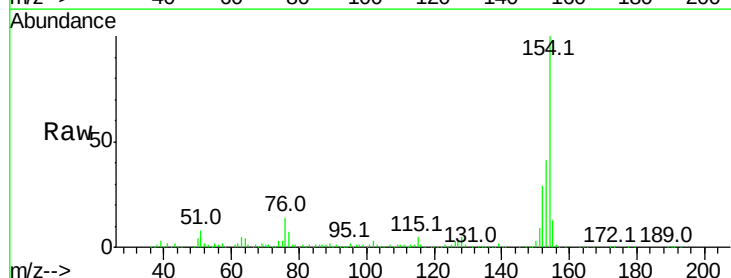
Tgt Ion:154 Resp: 257977

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

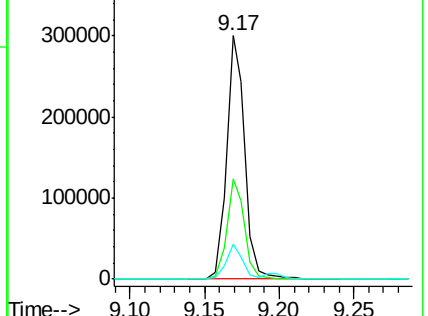
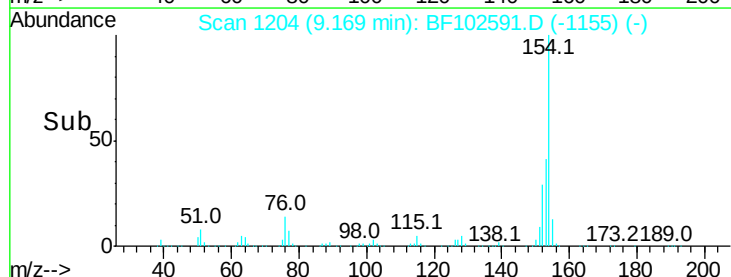
76 14.3 0.0 34.0

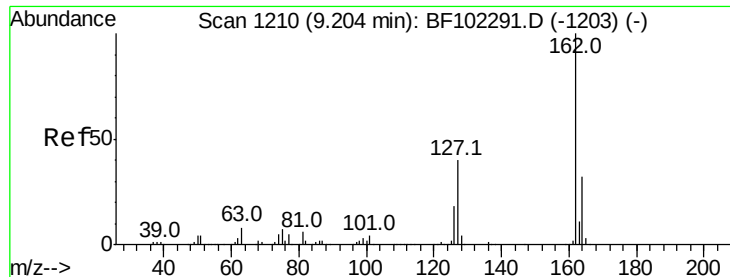


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#46

2-Chloronaphthalene

Concen: 10.263 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

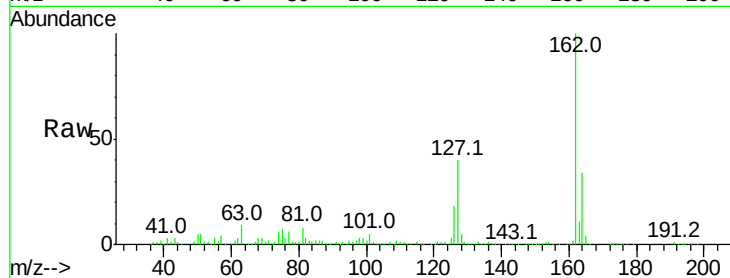
Tot Ion:162 Resp: 190351

Ion Ratio Lower Upper

162 100

127 39.7 33.9 50.9

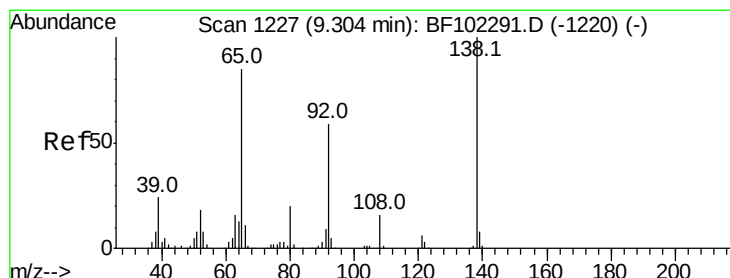
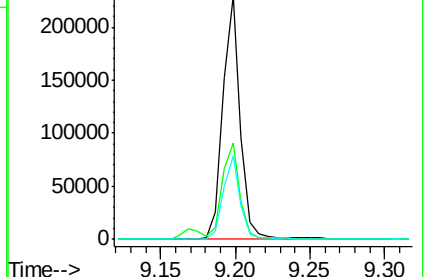
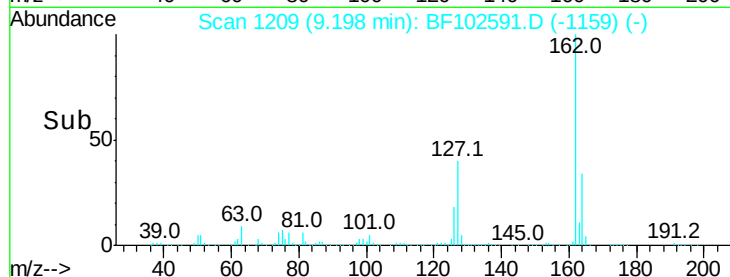
164 34.4 26.5 39.7



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: 10.977 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

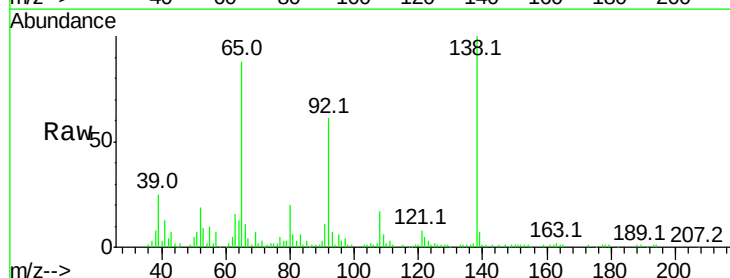
Tgt Ion: 65 Resp: 63474

Ion Ratio Lower Upper

65 100

92 69.4 55.8 83.6

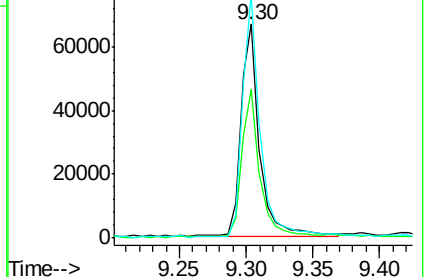
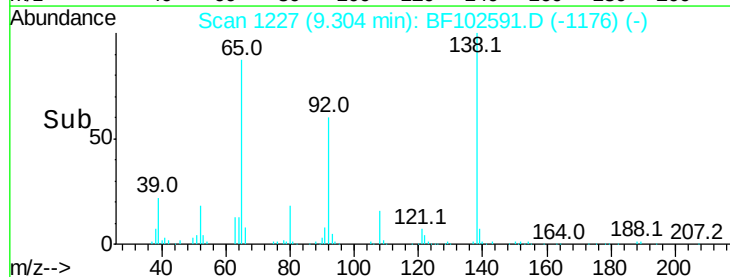
138 113.8 91.2 136.8

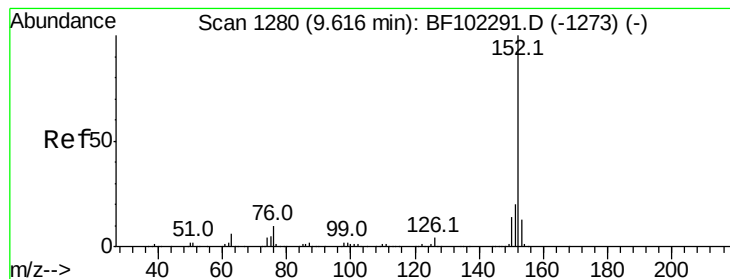


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 9.970 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

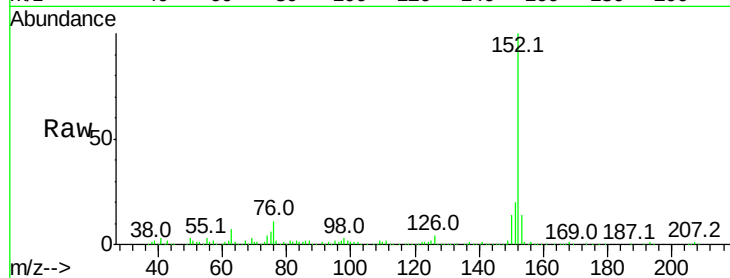
Tot Ion:152 Resp: 288091

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

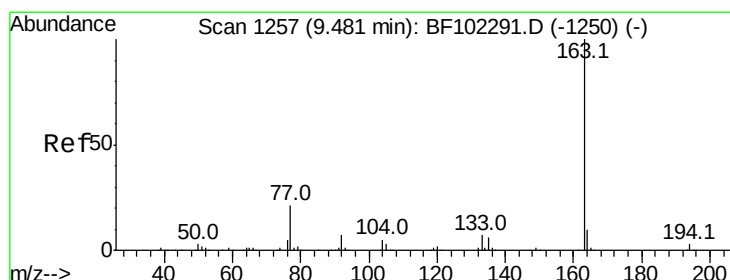
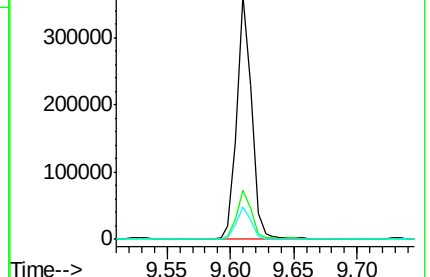
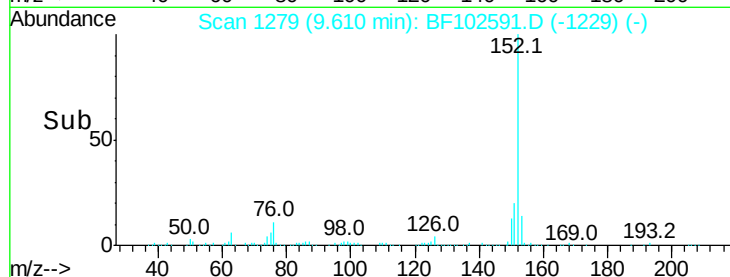
153 13.5 10.7 16.1



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: 11.943 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

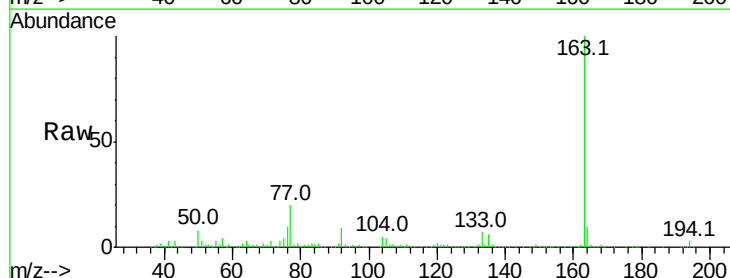
Tgt Ion:163 Resp: 263418

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

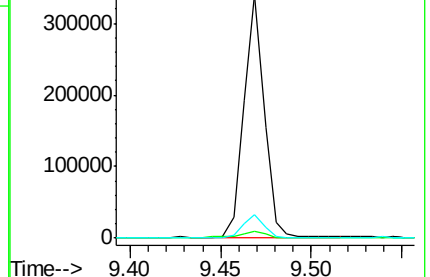
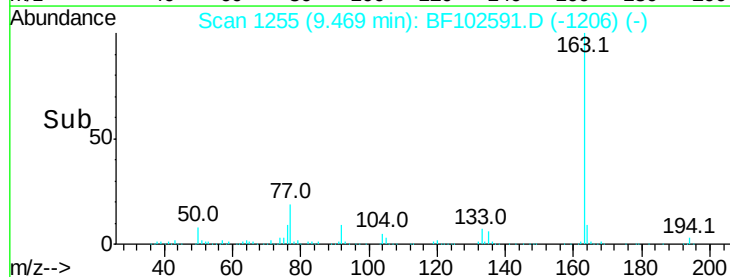
164 9.7 8.2 12.2

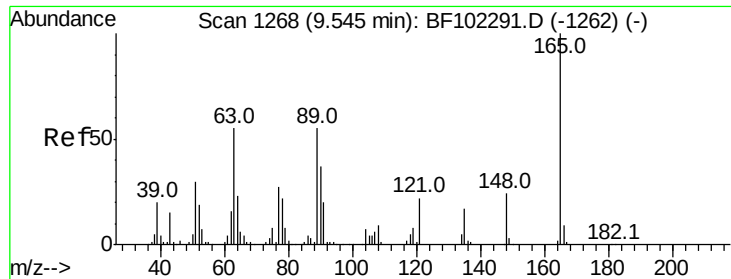


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

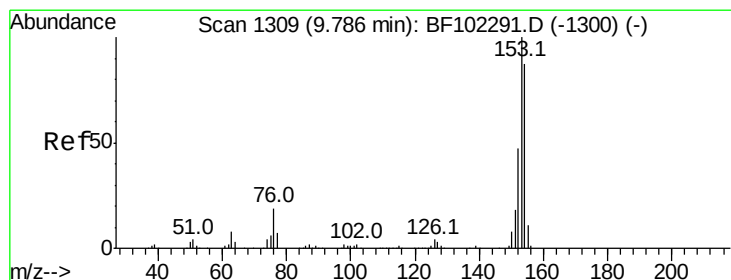
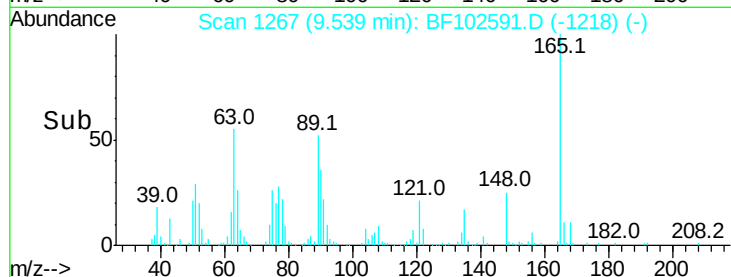
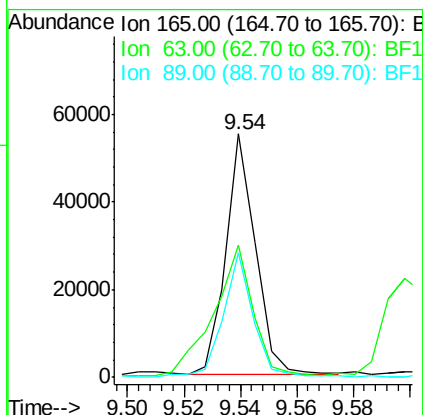
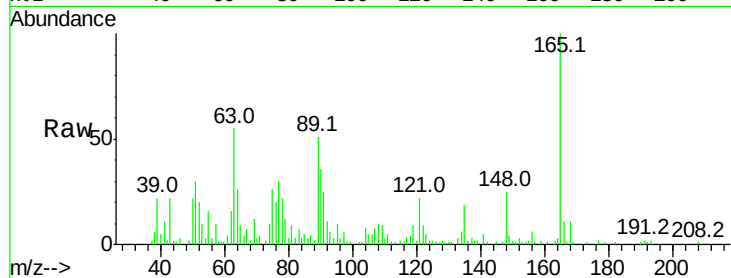




#50
 2,6-Dinitrotoluene
 Concen: 8.361 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

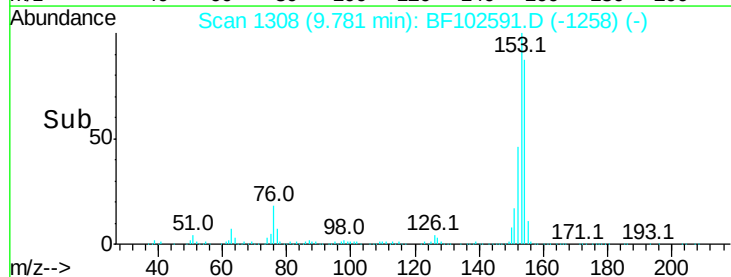
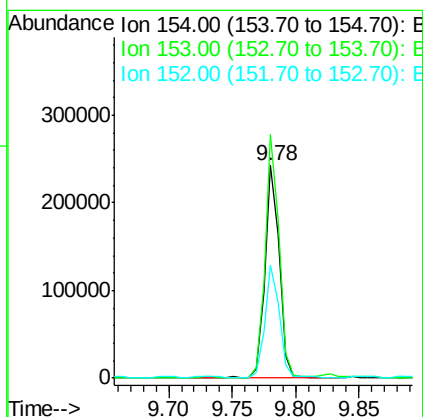
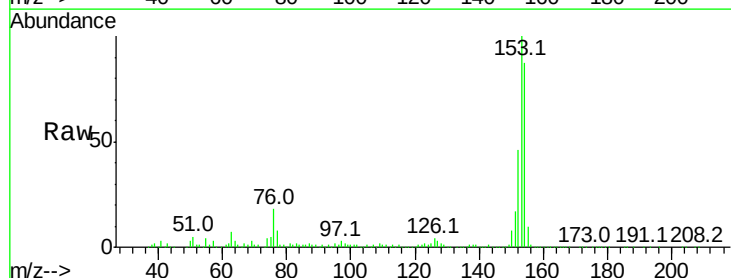
Instrument :
 BNA_F
 ClientSampleId :

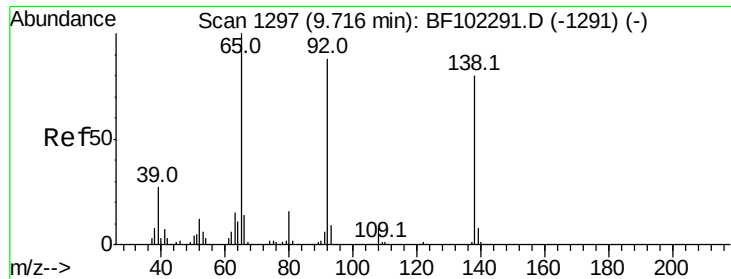
Tot Ion:165 Resp: 39762
 Ion Ratio Lower Upper
 165 100
 63 54.6 44.7 67.1
 89 51.2 44.0 66.0



#51
 Acenaphthene
 Concen: 11.599 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Tgt Ion:154 Resp: 195741
 Ion Ratio Lower Upper
 154 100
 153 114.6 91.2 136.8
 152 53.2 43.8 65.8

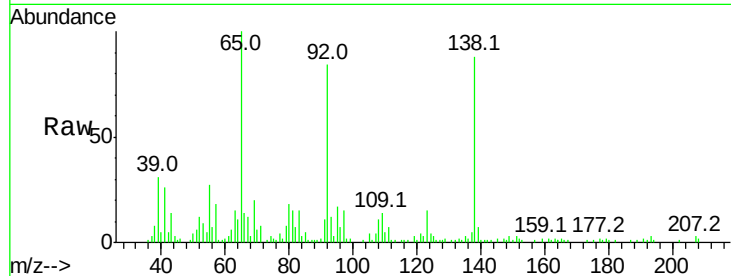




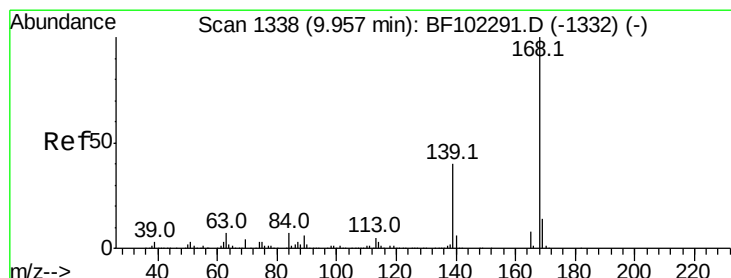
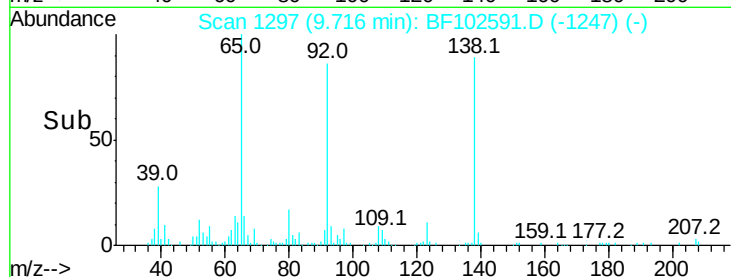
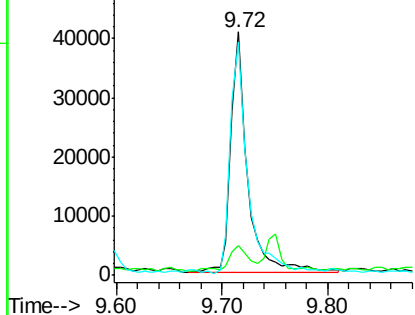
#52
3-Nitroaniline
Concen: 7.953 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 44742
Ion Ratio Lower Upper
138 100
108 12.1 9.4 14.0
92 96.1 89.4 134.2

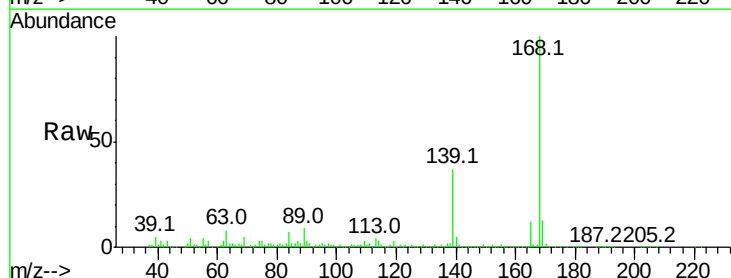


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

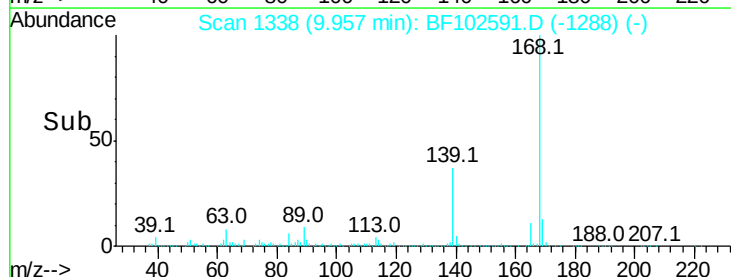
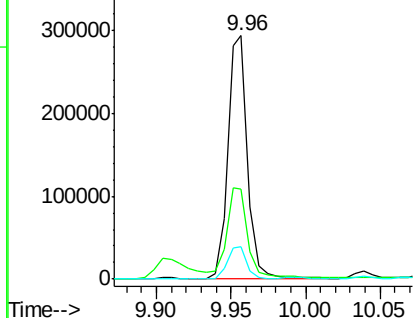


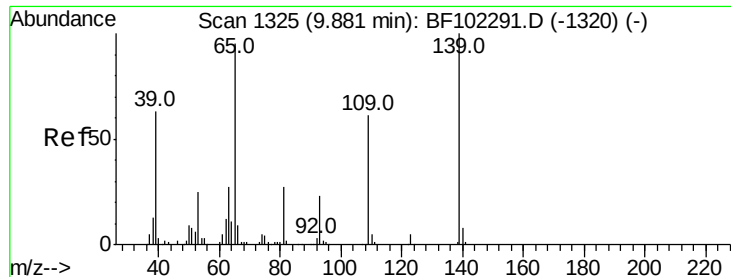
#54
Dibenzofuran
Concen: 11.958 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Tgt Ion:168 Resp: 273102
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 13.3 10.9 16.3



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





#55

4-Nitrophenol

Concen: 10.102 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampled :

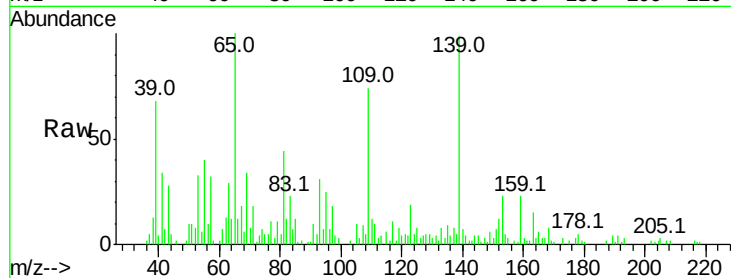
Tot Ion:139 Resp: 37514

Ion Ratio Lower Upper

139 100

109 75.3 48.4 88.4

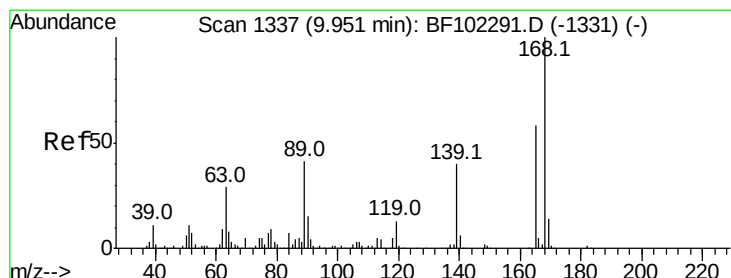
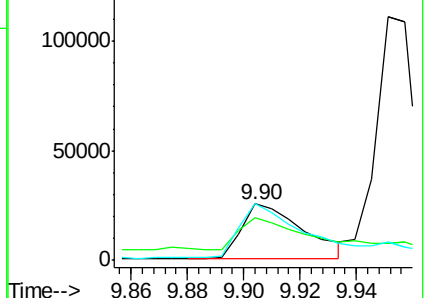
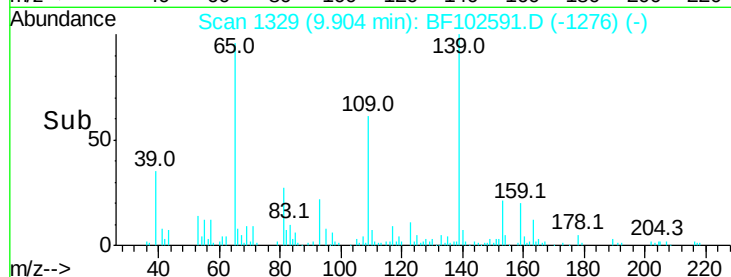
65 101.1 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 8.224 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Tgt Ion:165 Resp: 48095

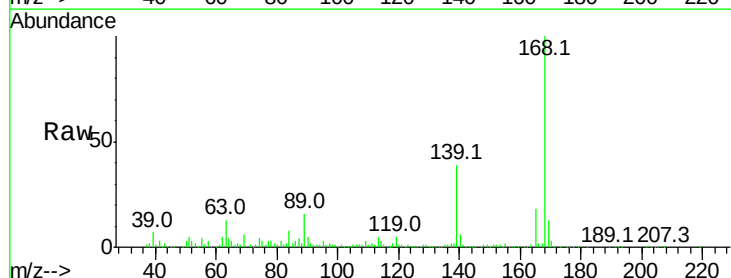
Ion Ratio Lower Upper

165 100

63 70.8 36.4 54.6#

89 85.2 57.8 86.6

182 2.4 1.6 2.4

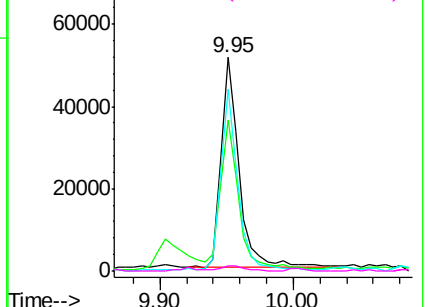
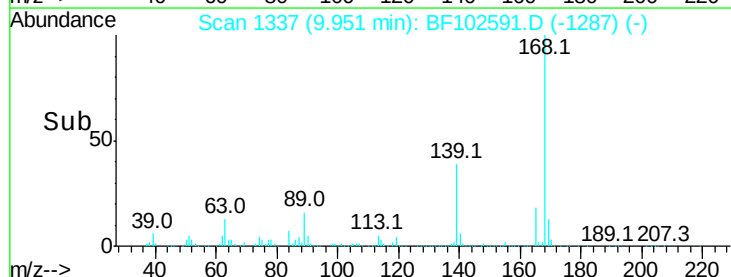


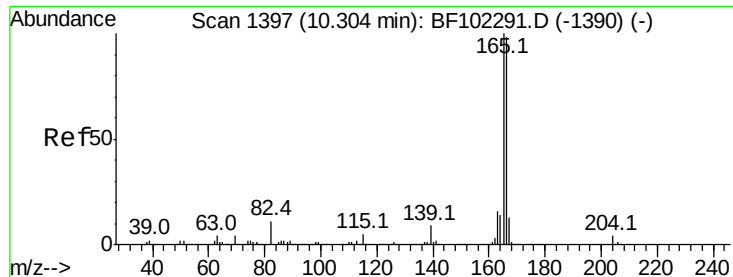
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 13.504 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

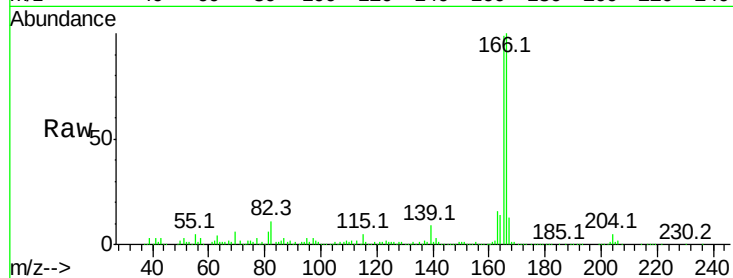
Tot Ion:166 Resp: 244390

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

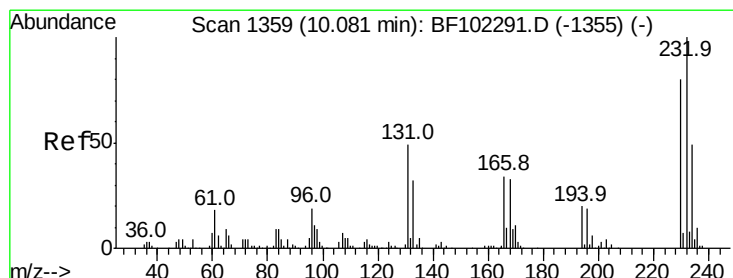
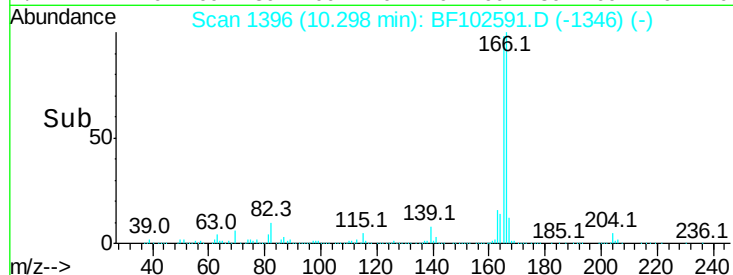
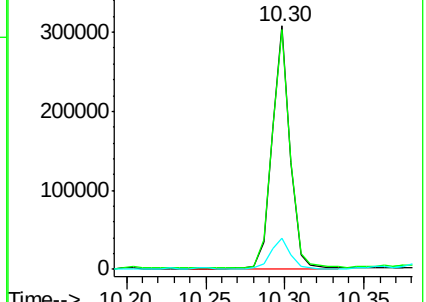
167 12.7 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 7.797 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Tgt Ion:232 Resp: 33686

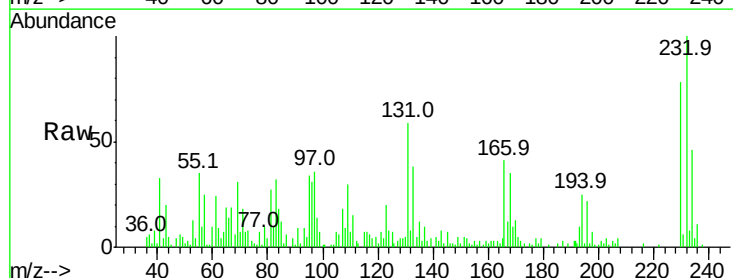
Ion Ratio Lower Upper

232 100

131 52.1 43.8 65.8

130 4.5 2.1 3.1#

166 36.0 27.8 41.6

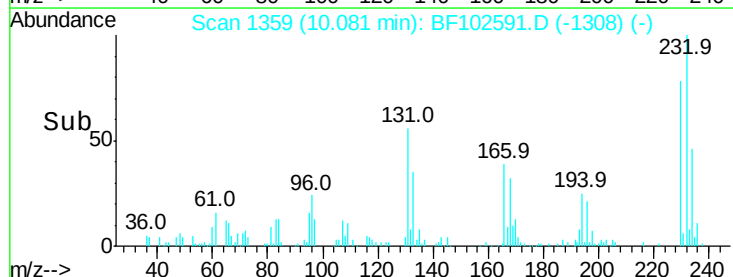
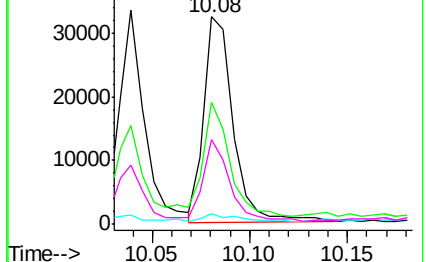


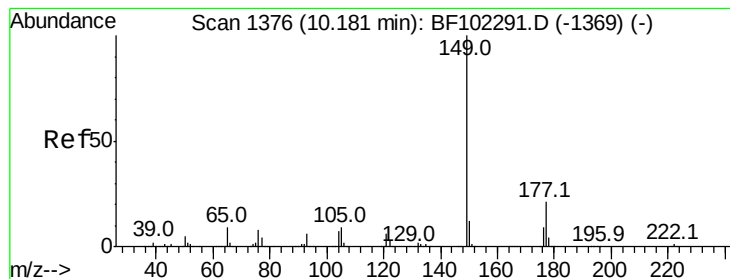
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 9.430 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

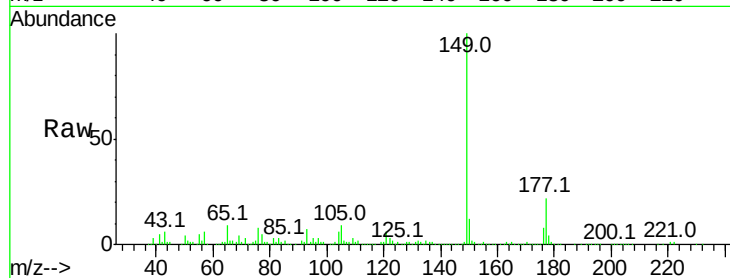
Tot Ion:149 Resp: 202119

Ion Ratio Lower Upper

149 100

177 22.1 16.1 24.1

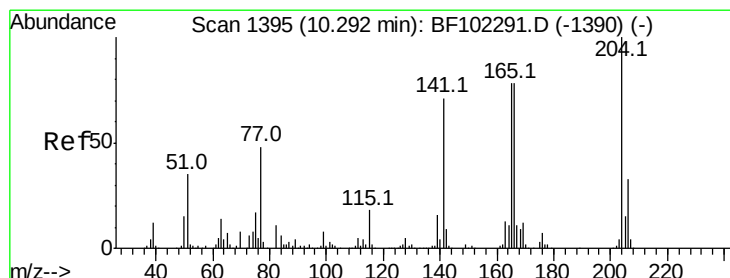
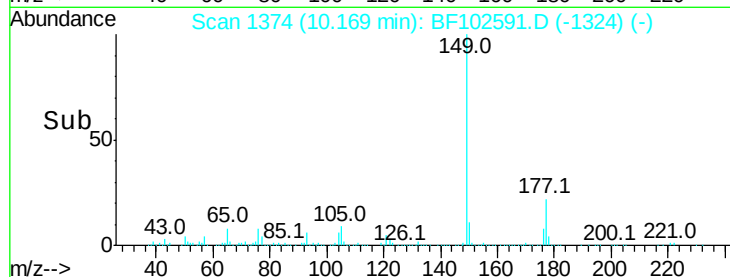
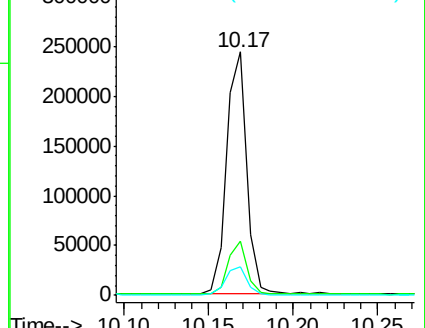
150 11.6 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 10.105 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

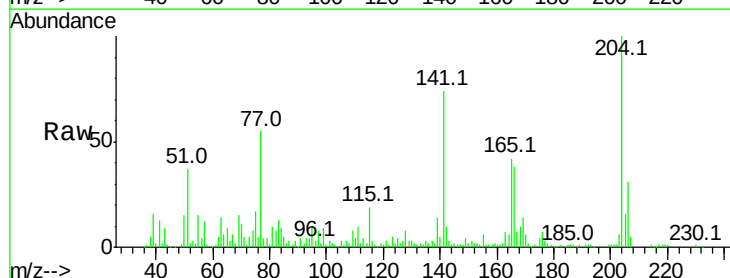
Tgt Ion:204 Resp: 79287

Ion Ratio Lower Upper

204 100

206 31.0 26.5 39.7

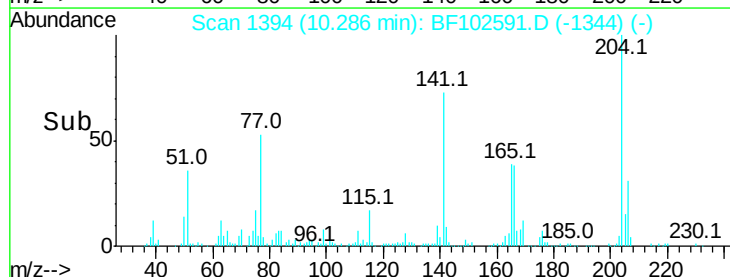
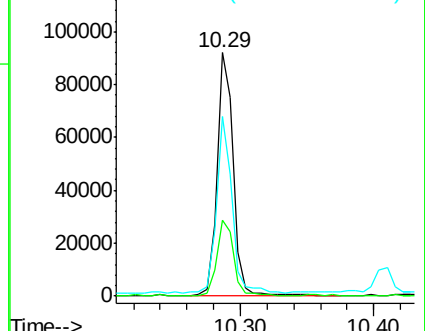
141 73.7 54.6 81.8

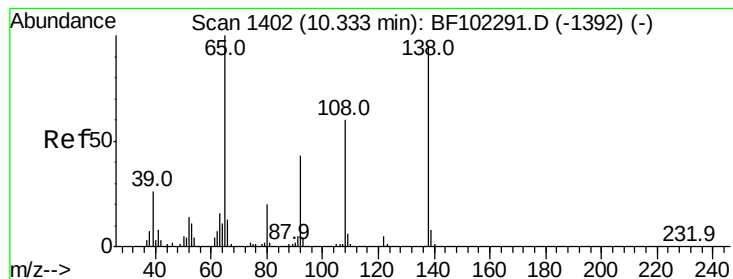


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 7.709 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampled :

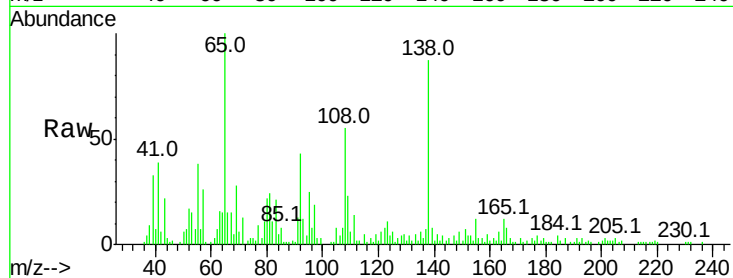
Tot Ion:138 Resp: 43274

Ion Ratio Lower Upper

138 100

92 49.2 30.2 70.2

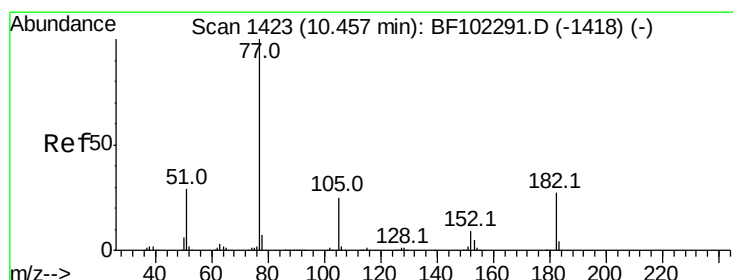
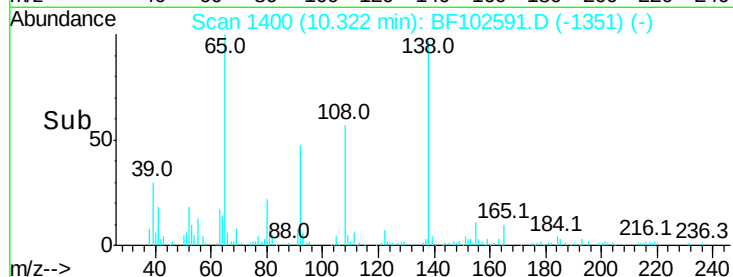
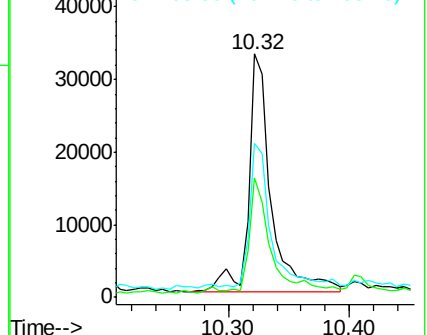
108 63.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 9.092 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Tgt Ion: 77 Resp: 178427

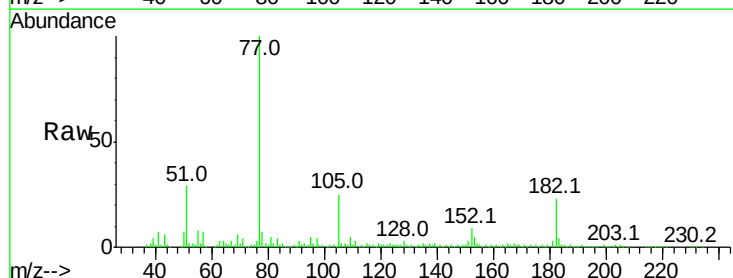
Ion Ratio Lower Upper

77 100

182 22.6 1.7 41.7

105 25.3 3.0 43.0

51 29.5 9.9 49.9

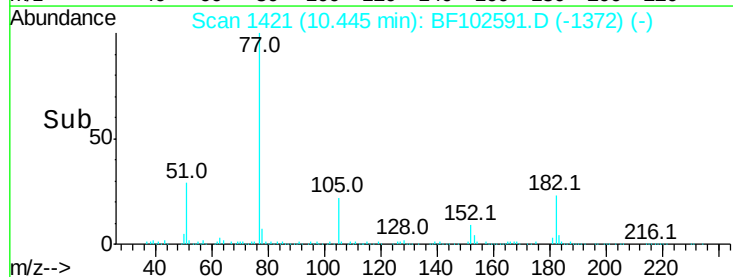
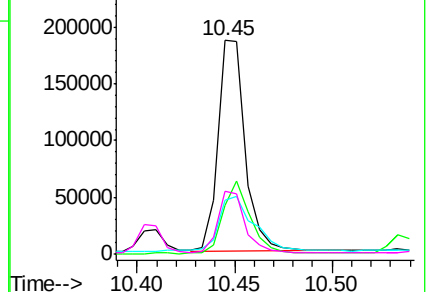


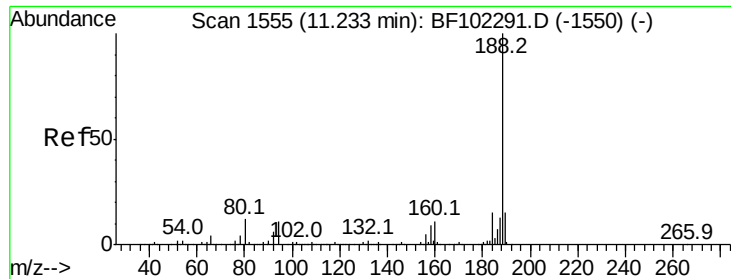
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

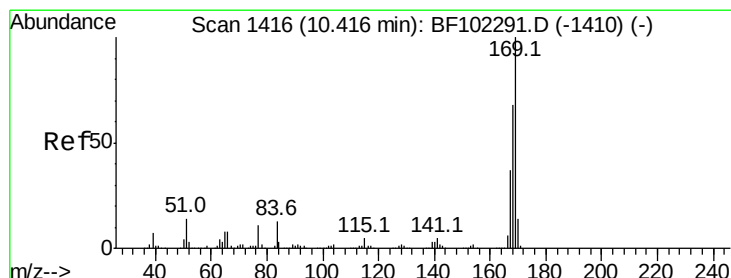
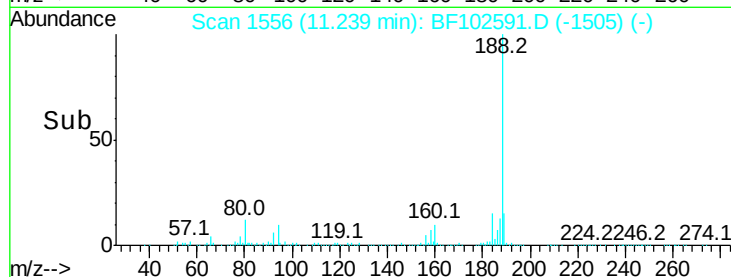
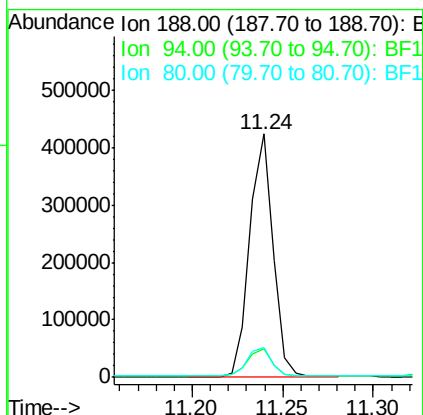
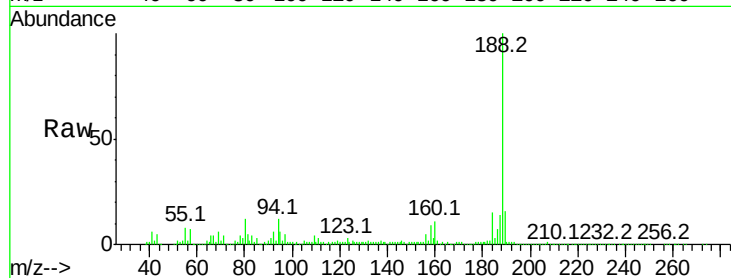




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

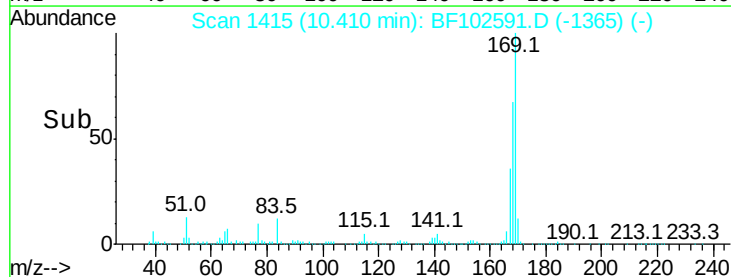
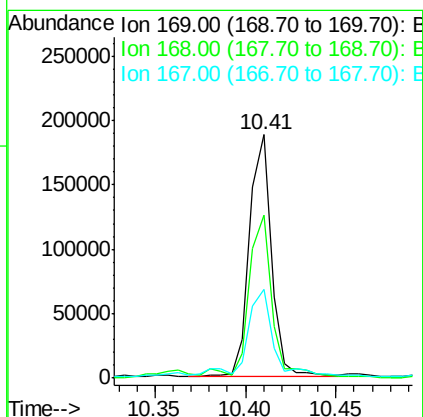
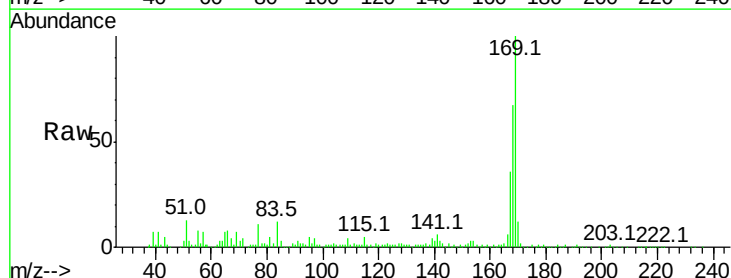
Instrument :
BNA_F
ClientSampleId :

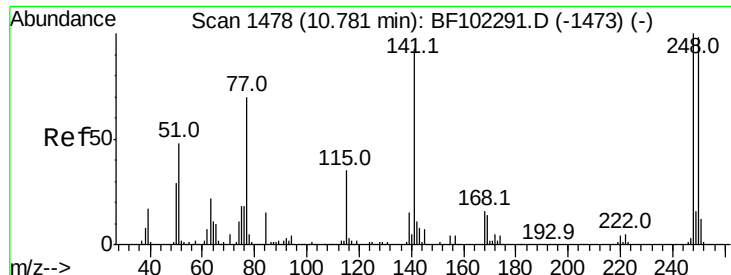
Tot Ion:188 Resp: 380175
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.2 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 11.446 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Tgt Ion:169 Resp: 159720
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 36.4 29.8 44.6

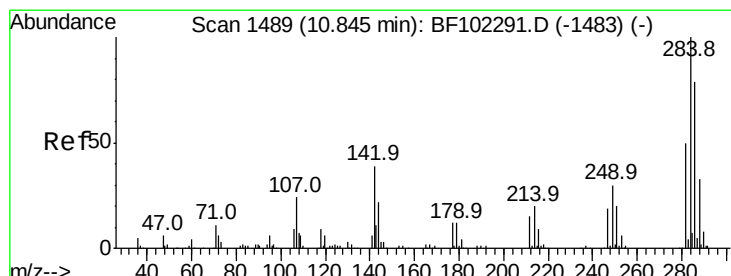
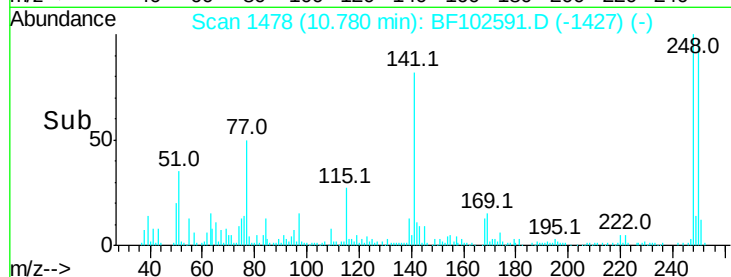
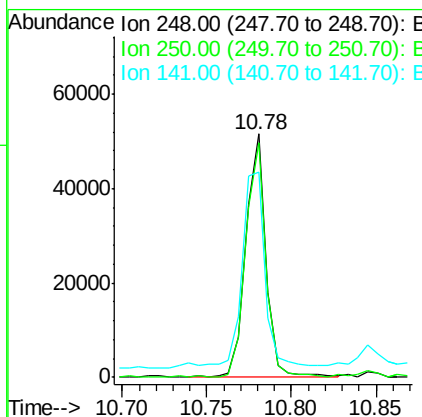
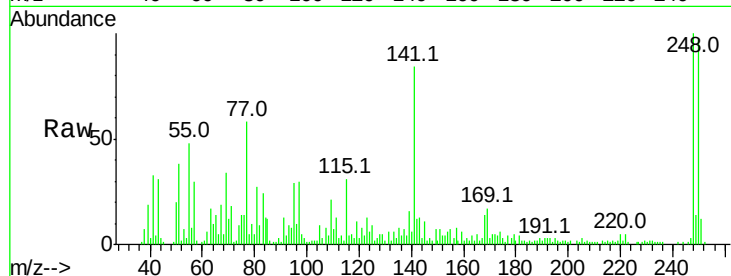




#66
 4-Bromophenyl-phenylether
 Concen: 10.546 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

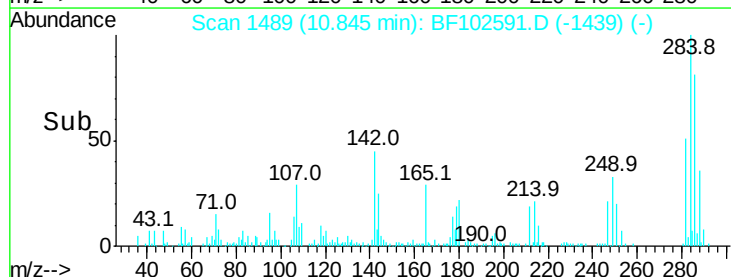
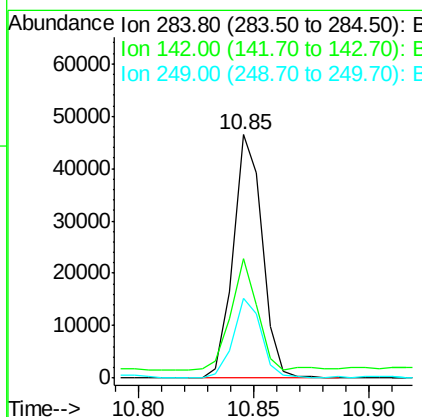
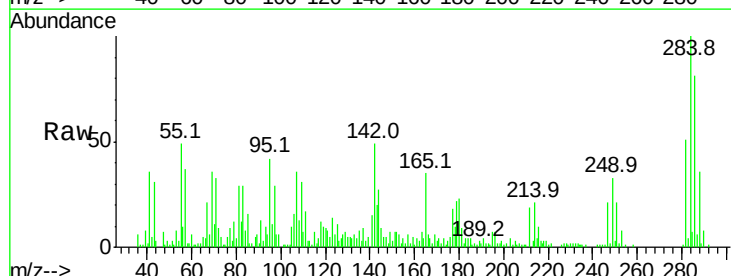
Instrument :
 BNA_F
 ClientSampleId :

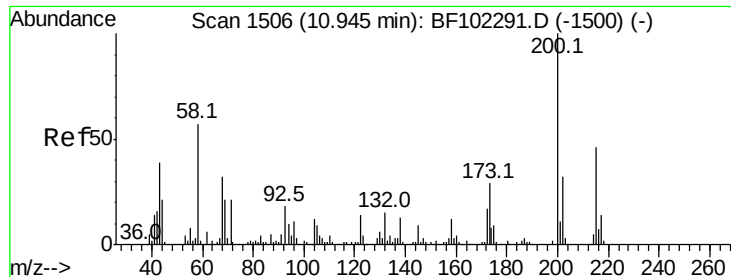
Tot Ion:248 Resp: 43162
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.9 115.3
 141 84.3 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 8.937 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Tgt Ion:284 Resp: 40907
 Ion Ratio Lower Upper
 284 100
 142 49.1 34.6 52.0
 249 32.8 24.8 37.2

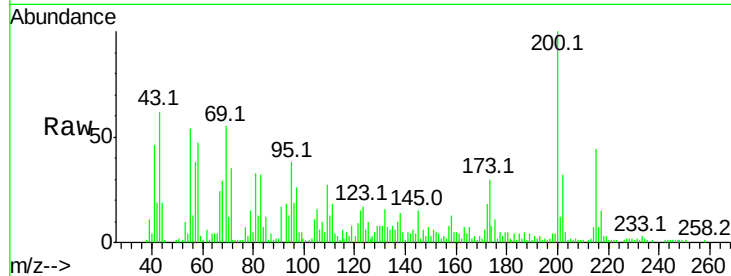




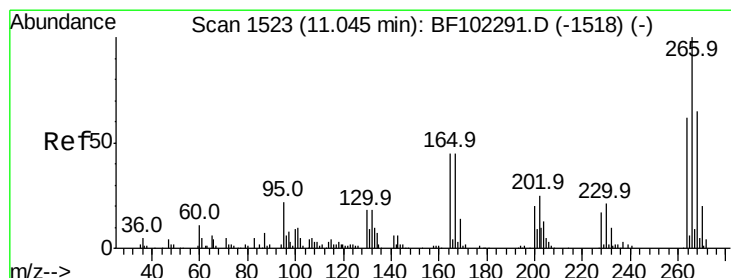
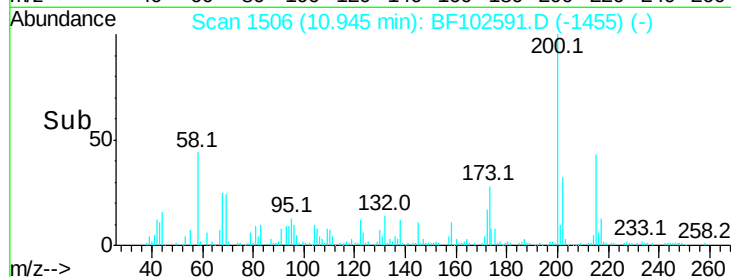
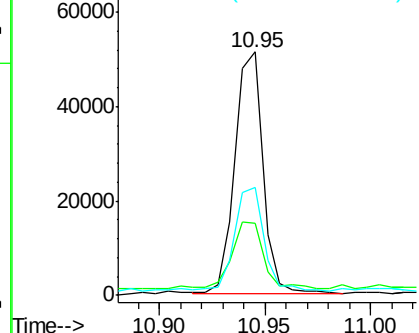
#68
Atrazine
Concen: 11.327 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 46683
Ion Ratio Lower Upper
200 100
173 29.7 8.6 48.6
215 44.1 25.1 65.1

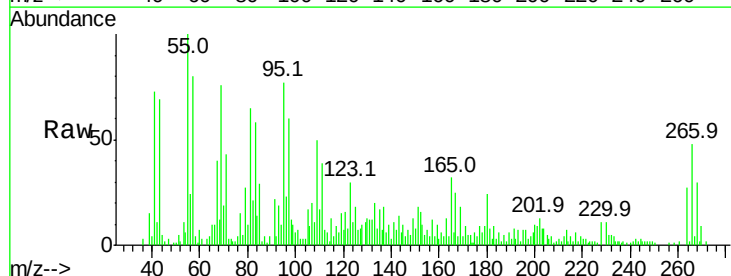


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

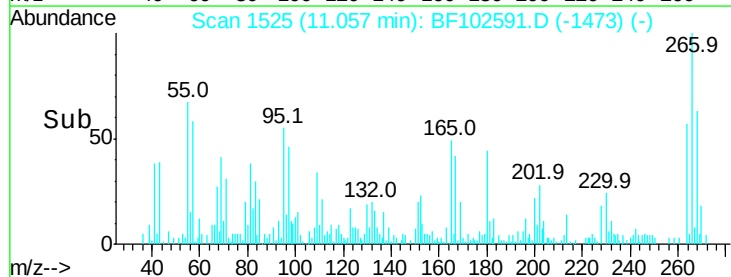
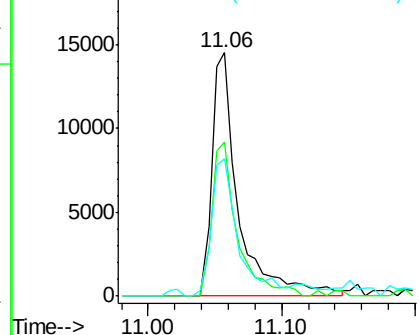


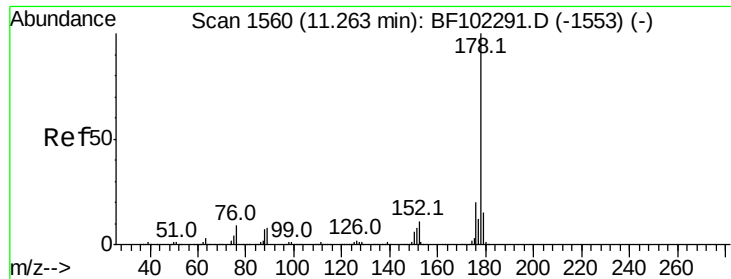
#69
Pentachlorophenol
Concen: 8.363 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Tgt Ion:266 Resp: 20107
Ion Ratio Lower Upper
266 100
268 63.3 51.1 76.7
264 56.6 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 35.102 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

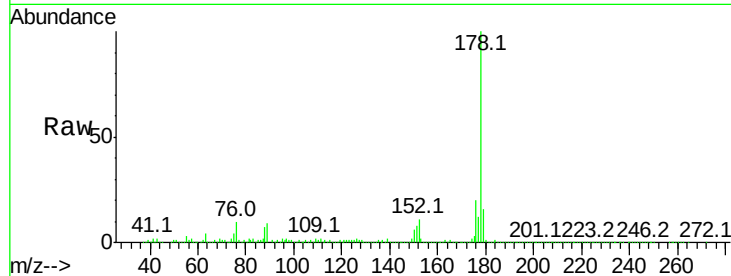
Tot Ion:178 Resp: 777646

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

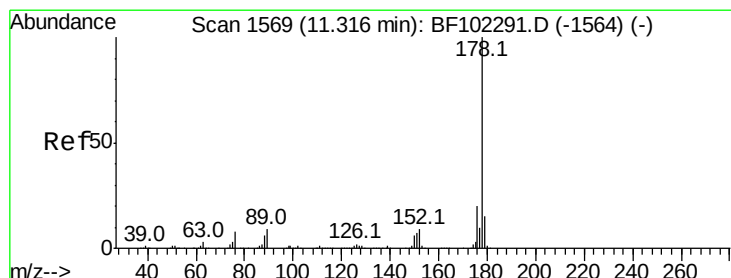
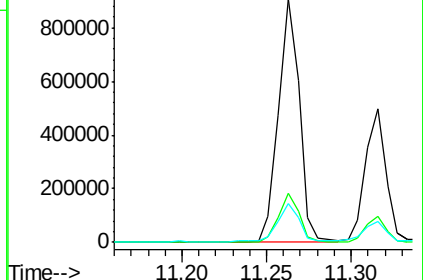
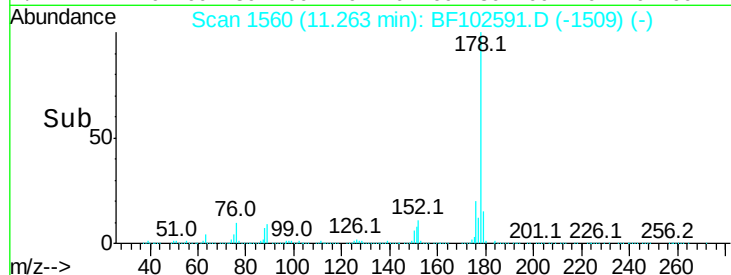
179 15.8 13.0 19.6



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



#71

Anthracene

Concen: 18.012 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

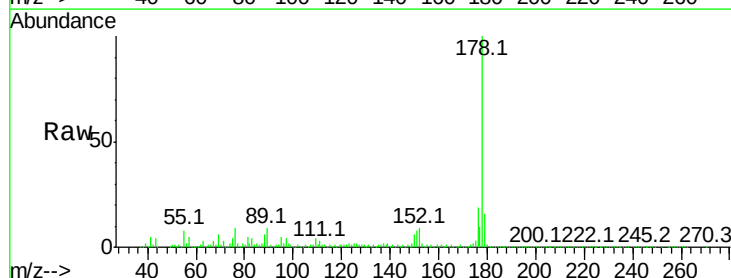
Tgt Ion:178 Resp: 407288

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

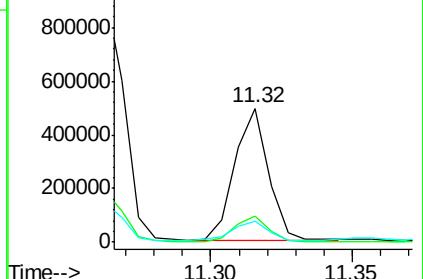
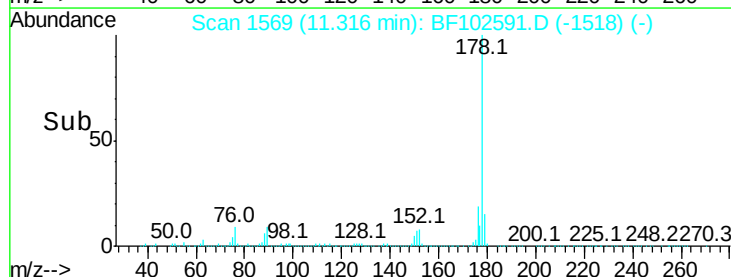
179 15.8 12.6 19.0

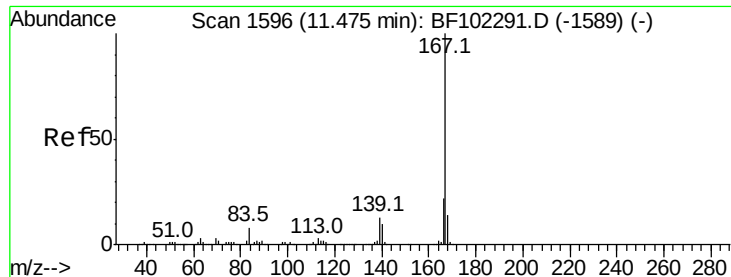


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 10.921 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

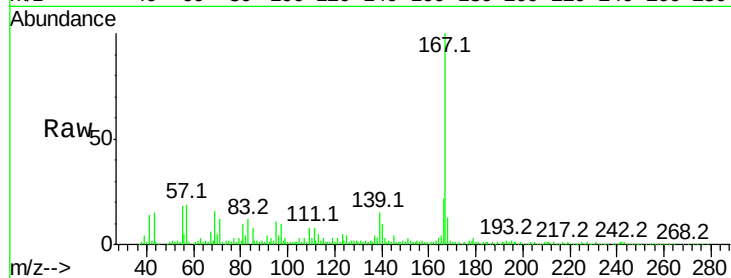
Tot Ion:167 Resp: 240923

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

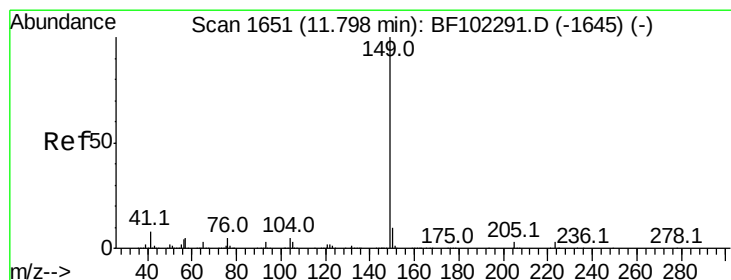
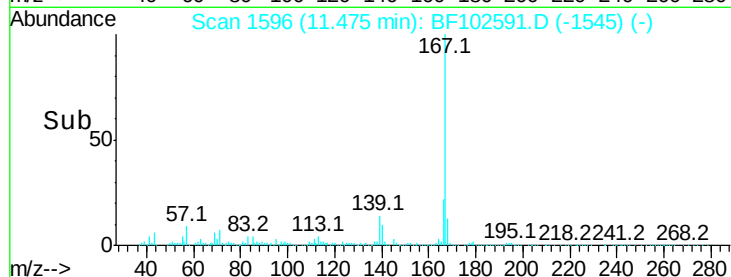
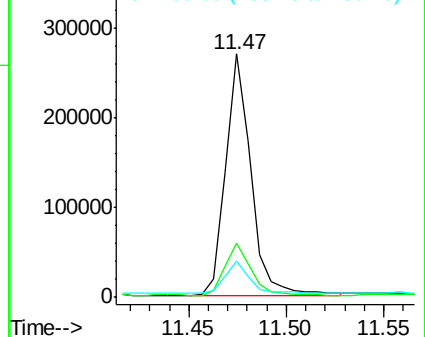
139 14.9 10.9 16.3



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: 10.298 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

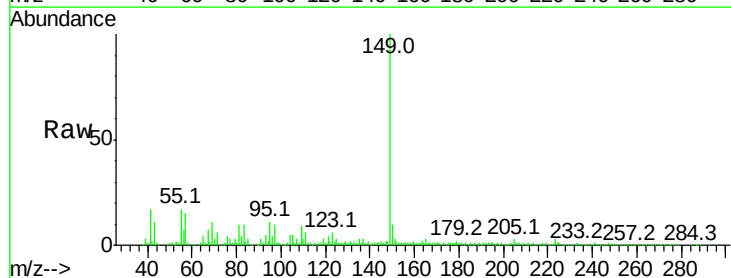
Tgt Ion:149 Resp: 283949

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

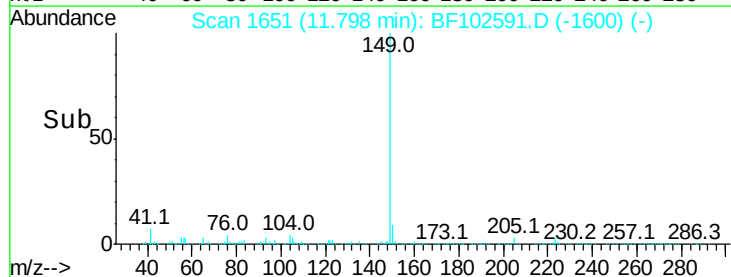
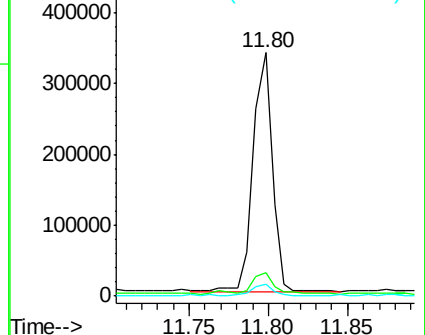
104 4.7 3.8 5.8

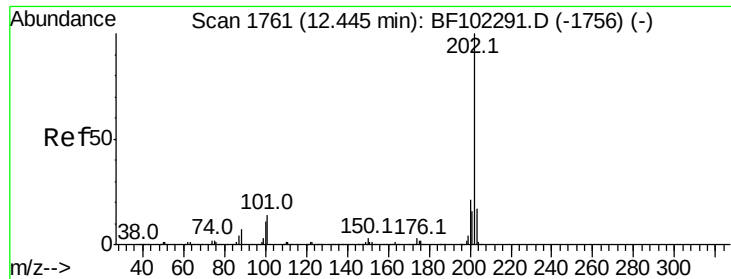


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 40.911 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

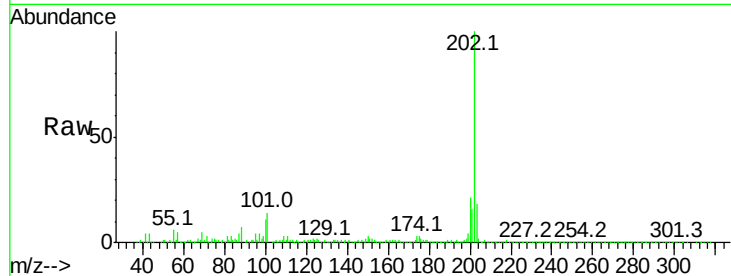
Tot Ion:202 Resp: 924230

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

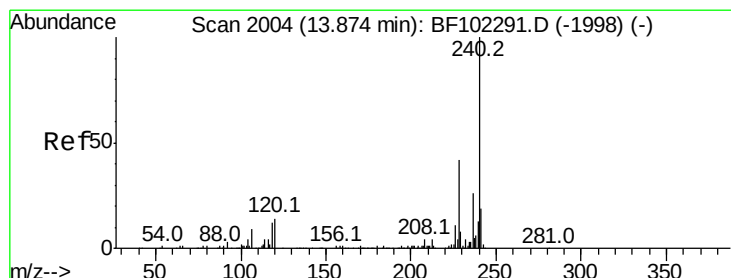
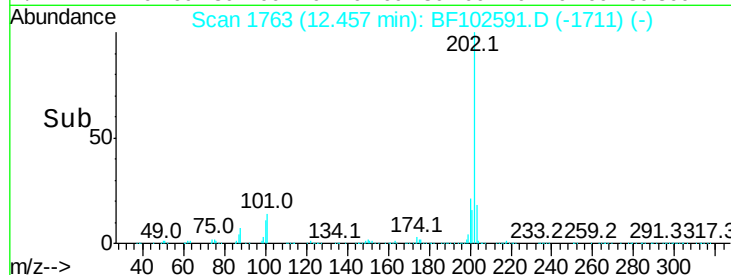
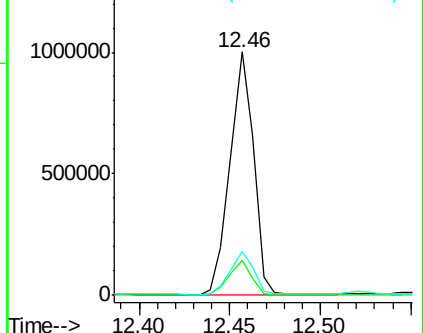
203 18.0 0.0 38.1



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: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

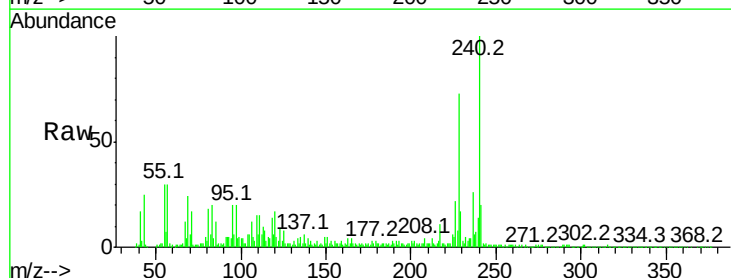
Tgt Ion:240 Resp: 248686

Ion Ratio Lower Upper

240 100

120 17.2 9.5 14.3#

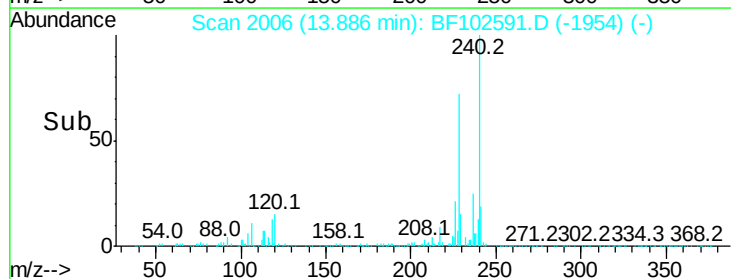
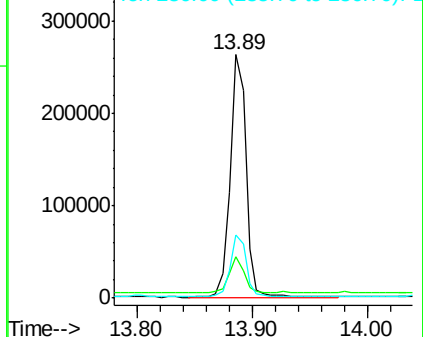
236 26.1 20.7 31.1

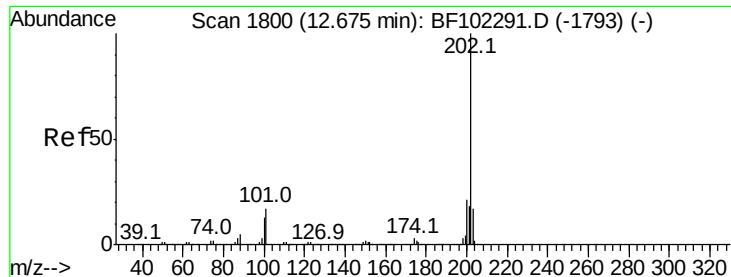


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 42.563 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

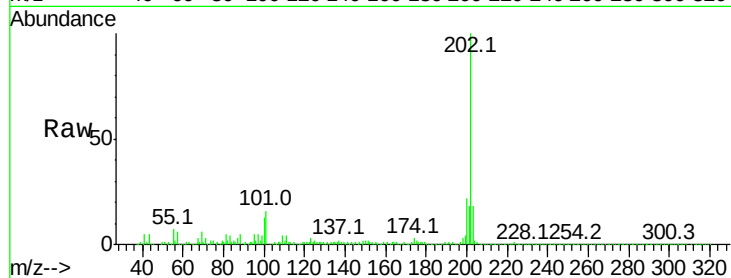
Tot Ion:202 Resp: 818385

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

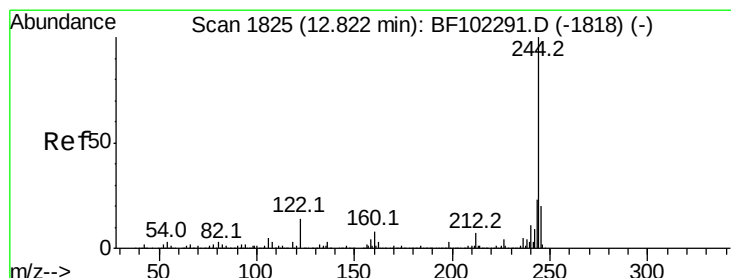
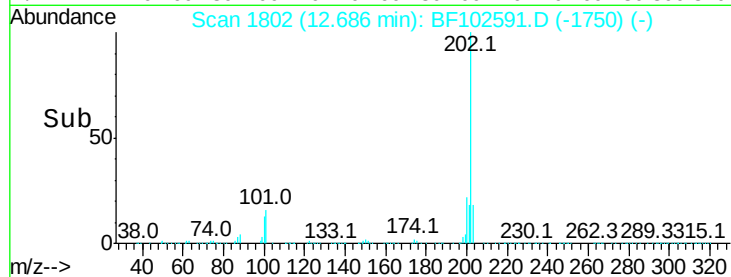
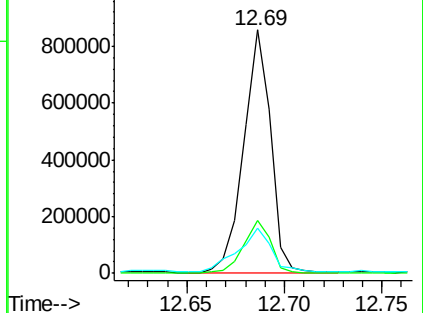
203 18.4 14.3 21.5



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: 20.187 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

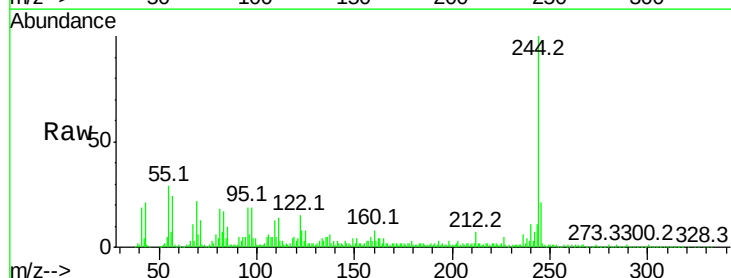
Tgt Ion:244 Resp: 222694

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

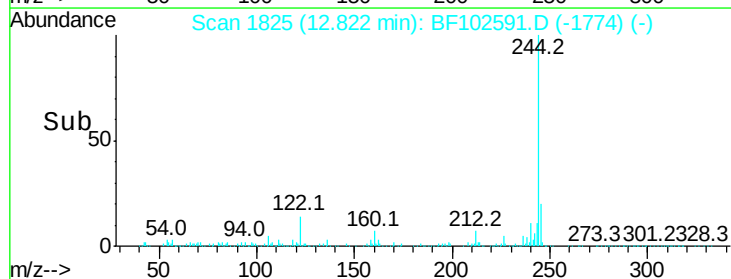
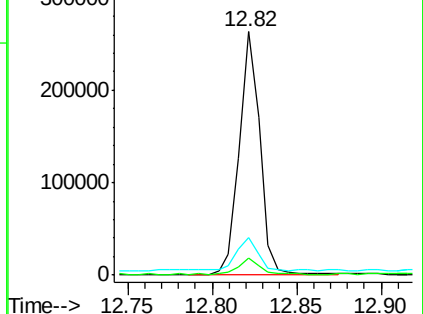
122 15.4 11.0 16.4

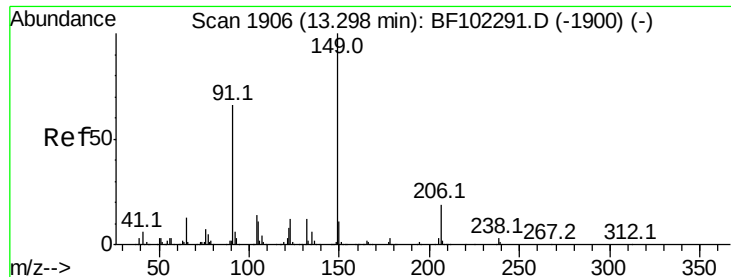


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

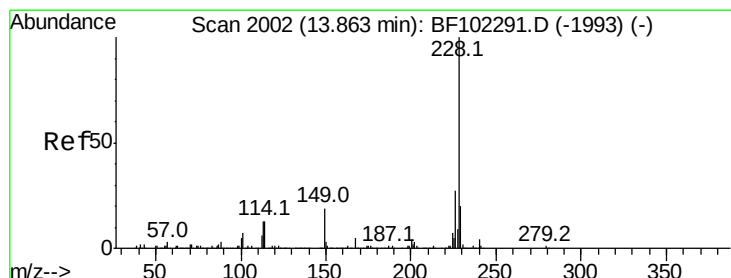
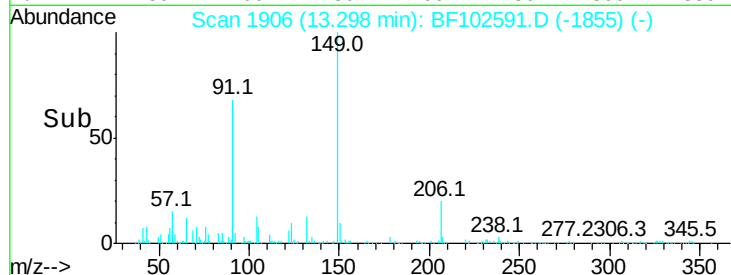
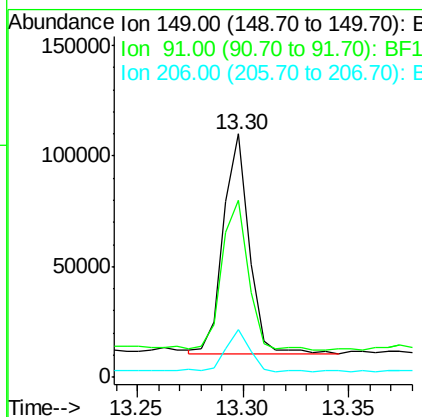
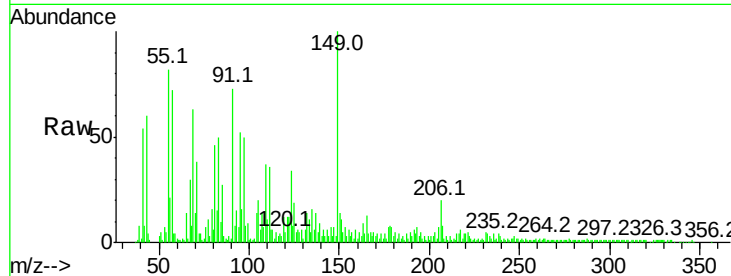




#79
Butylbenzylphthalate
Concen: 8.769 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

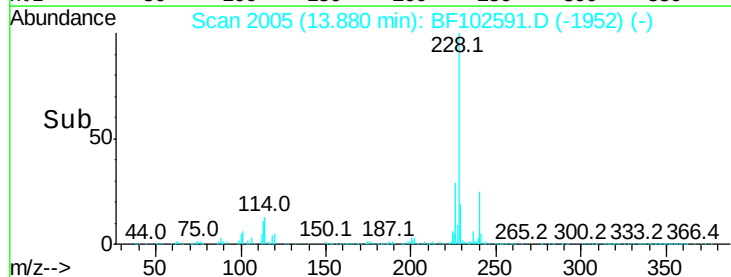
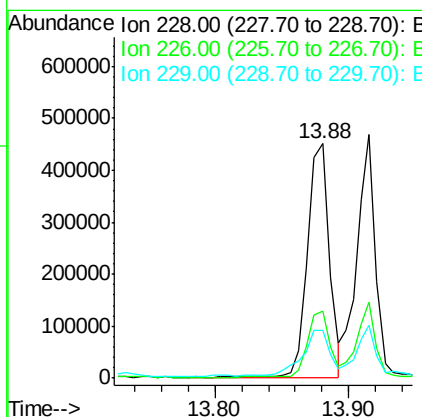
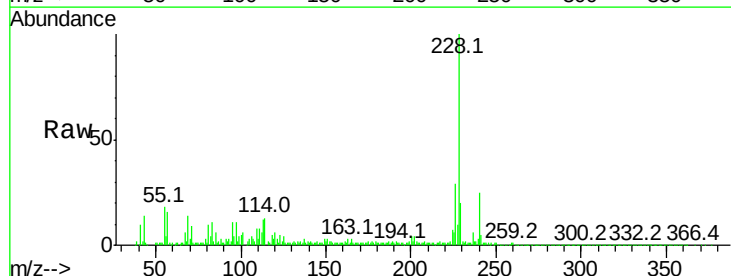
Instrument :
BNA_F
ClientSampled :

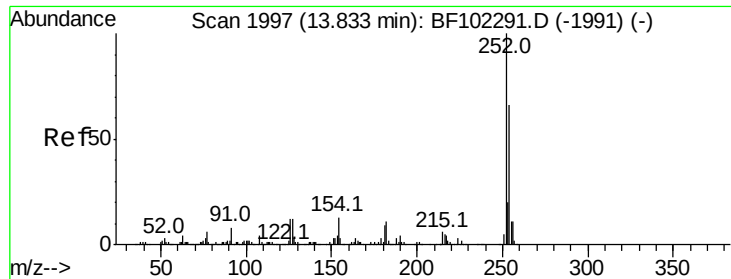
Tot Ion:149 Resp: 83907
Ion Ratio Lower Upper
149 100
91 72.7 56.8 85.2
206 19.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 32.618 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Tgt Ion:228 Resp: 499410
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.1 15.8 23.6

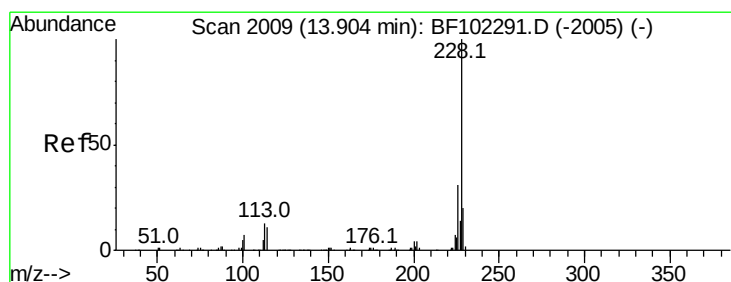
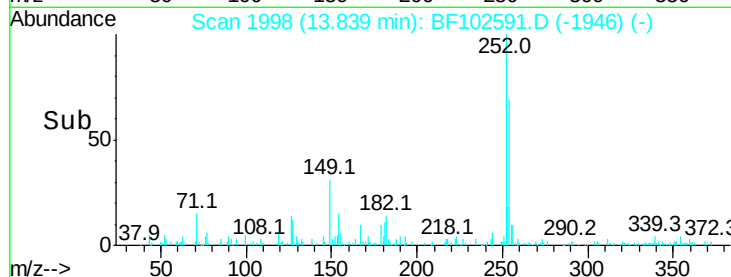
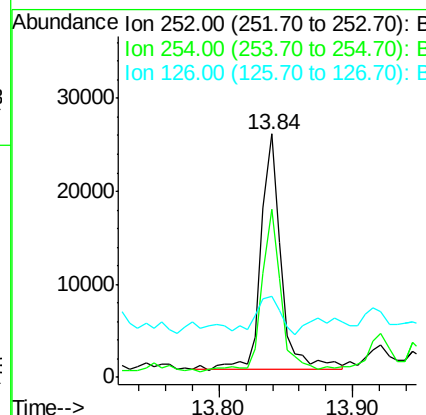
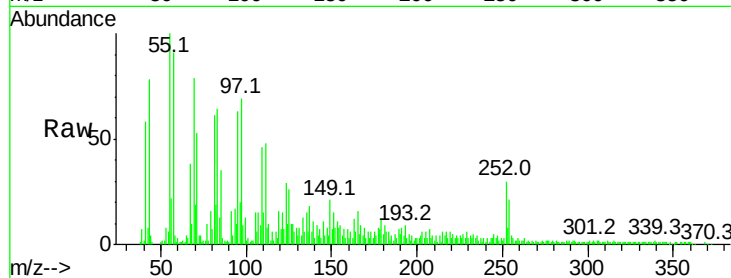




#81
 3,3'-Dichlorobenzidine
 Concen: 4.678 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

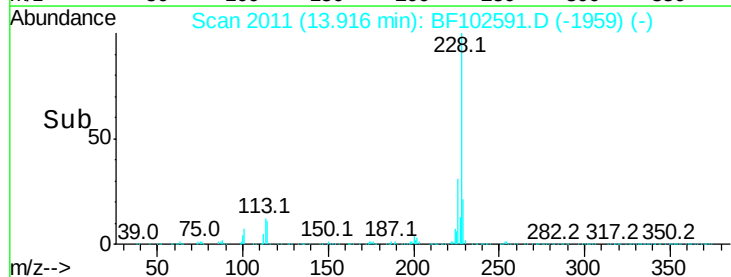
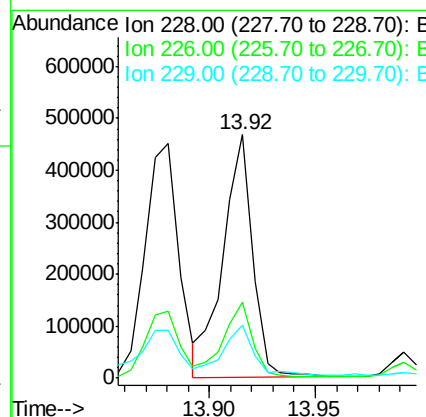
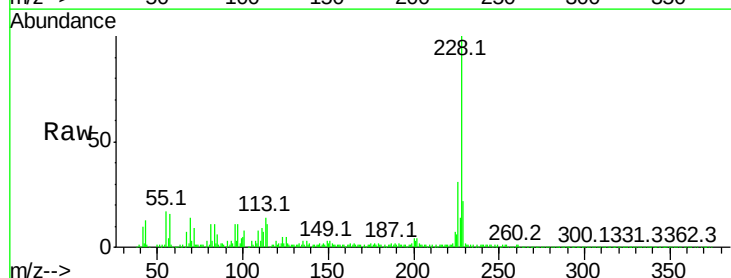
Instrument :
 BNA_F
 ClientSampleId :

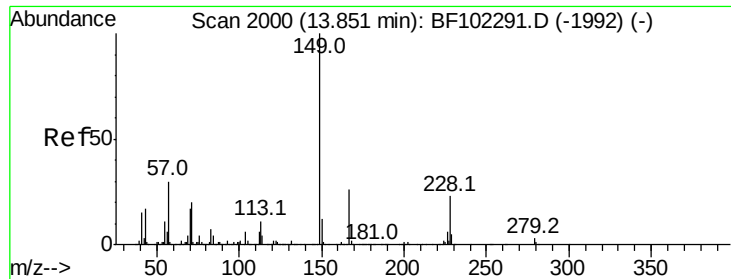
Tot Ion:252 Resp: 26272
 Ion Ratio Lower Upper
 252 100
 254 69.0 50.4 75.6
 126 33.4 11.3 16.9#



#82
 Chrysene
 Concen: 29.067 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Tgt Ion:228 Resp: 451936
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 21.8 16.2 24.4

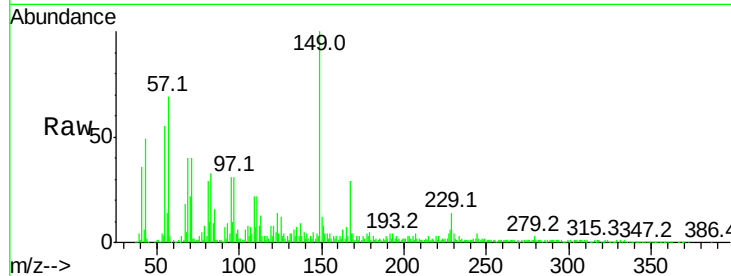




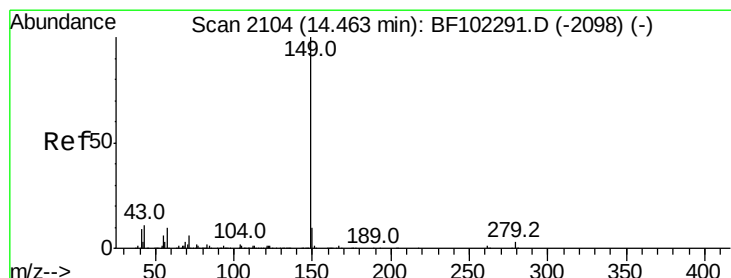
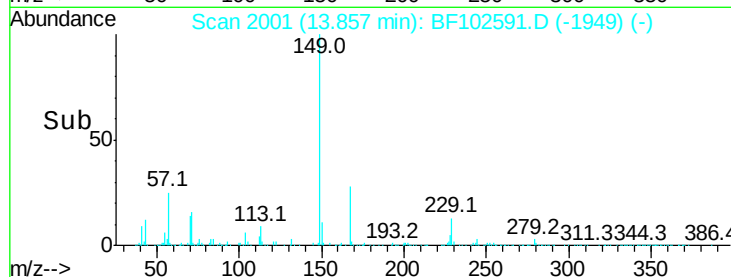
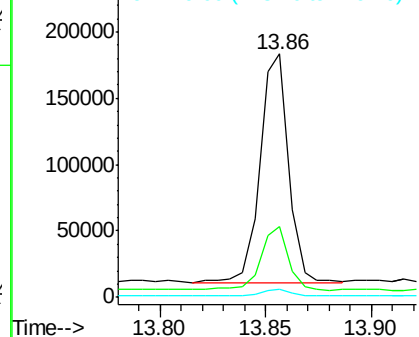
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.597 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 161991
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.3 31.9
 279 3.4 3.0 4.4

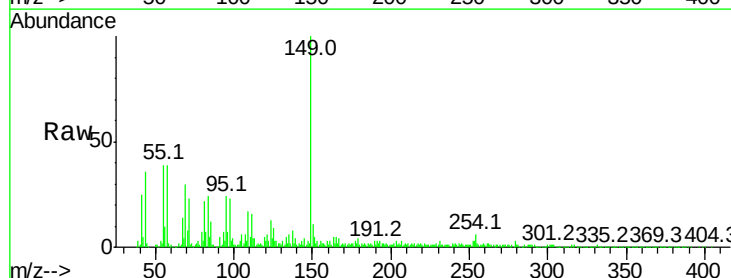


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

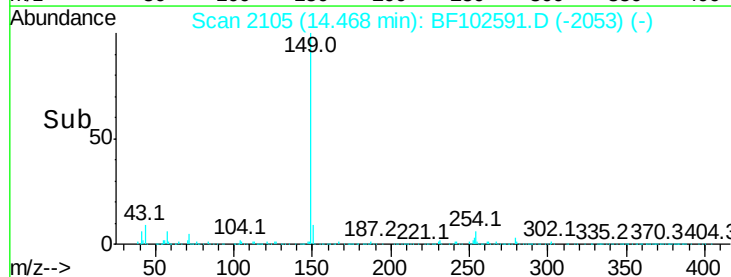
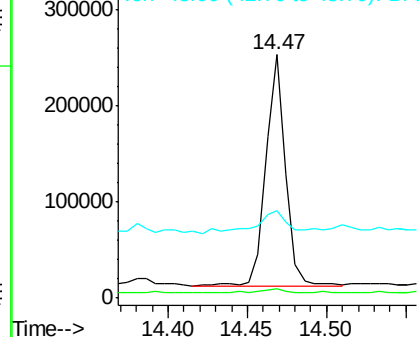


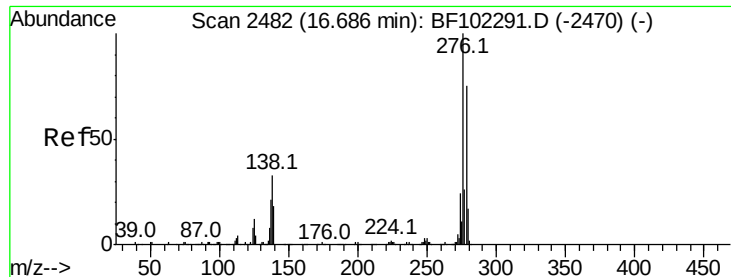
#84
 Di-n-octyl phthalate
 Concen: 9.897 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.01 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Tgt Ion:149 Resp: 206978
 Ion Ratio Lower Upper
 149 100
 167 2.5 1.2 1.8#
 43 16.7 8.4 12.6#



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

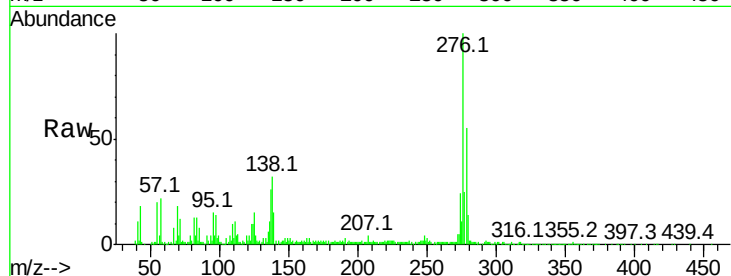




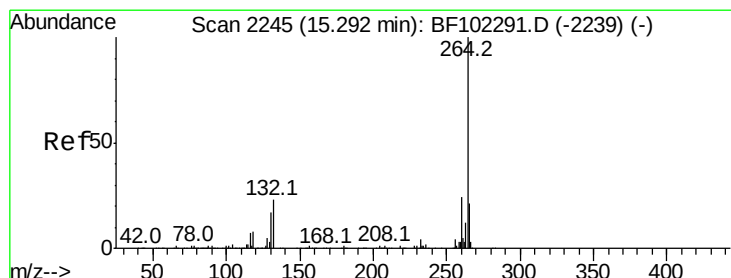
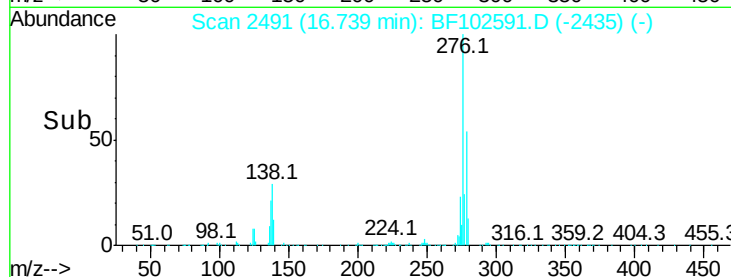
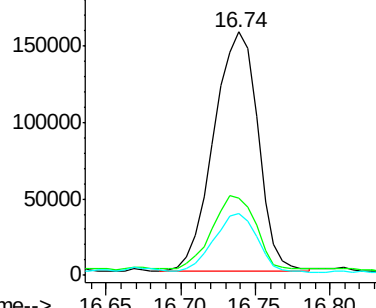
#85
Indeno(1,2,3-cd)pyrene
Concen: 24.959 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.03 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.0	37.6
277	24.3	20.1	30.1

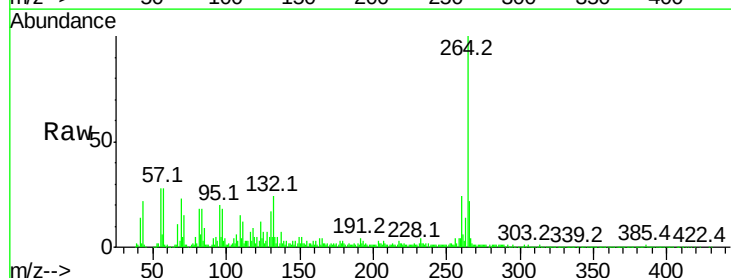


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

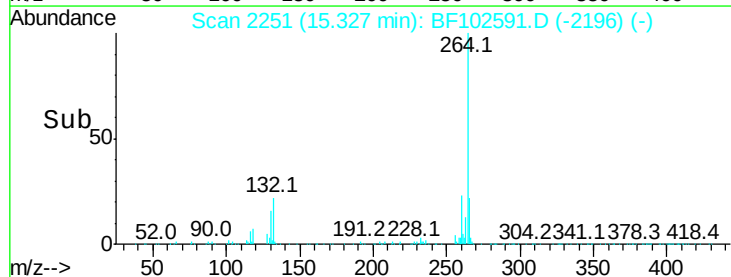
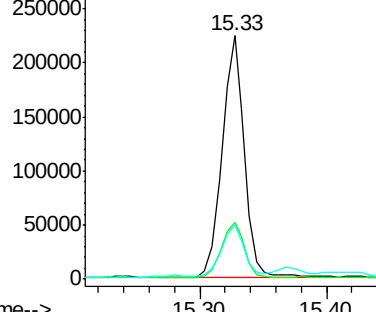


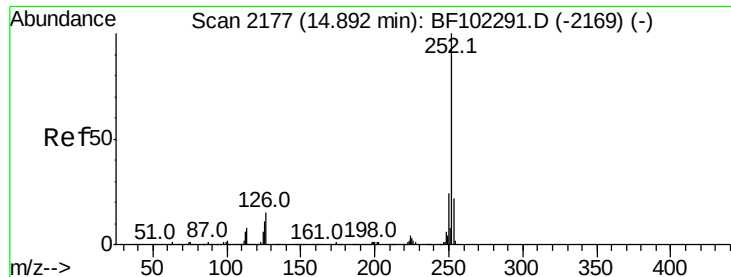
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF102591.D
Acq: 29 Jan 2018 12:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.5	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





#87

Benzo(b)fluoranthene

Concen: 34.289 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

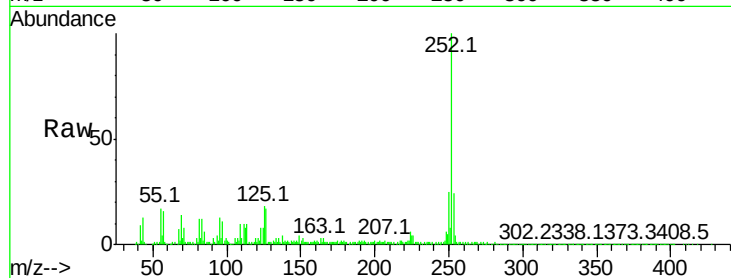
Tot Ion:252 Resp: 610159

Ion Ratio Lower Upper

252 100

253 23.9 17.0 25.6

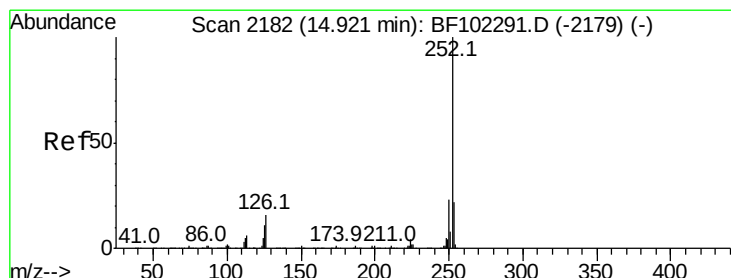
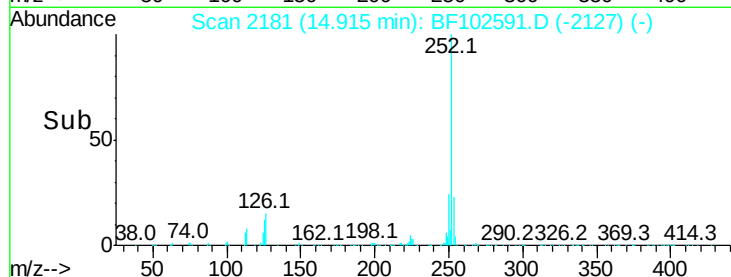
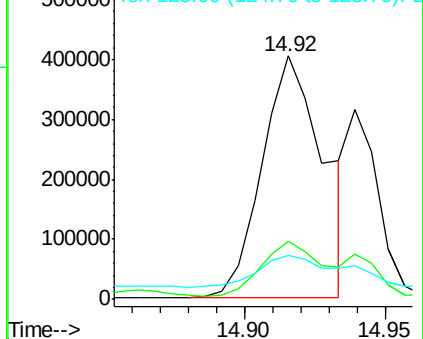
125 18.2 9.0 13.6#



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: 36.293 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

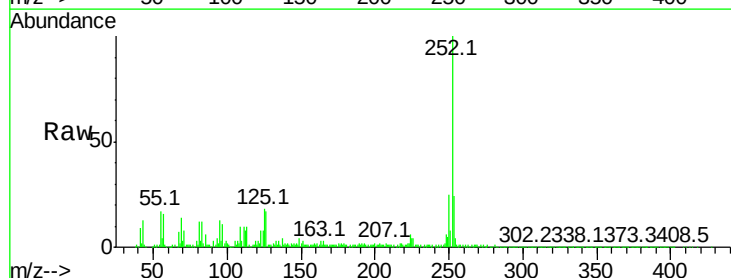
Tgt Ion:252 Resp: 610159

Ion Ratio Lower Upper

252 100

253 23.9 17.9 26.9

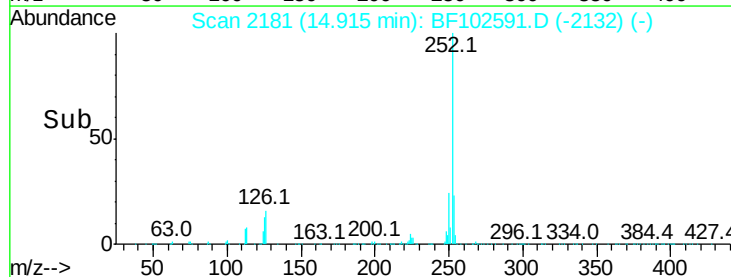
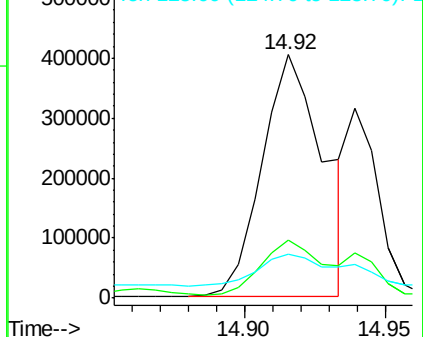
125 18.2 10.2 15.2#

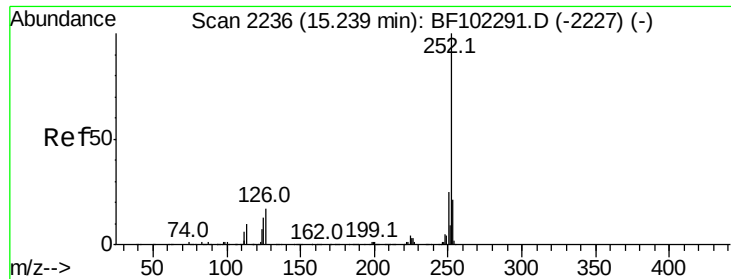


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.022 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

Instrument :

BNA_F

ClientSampleId :

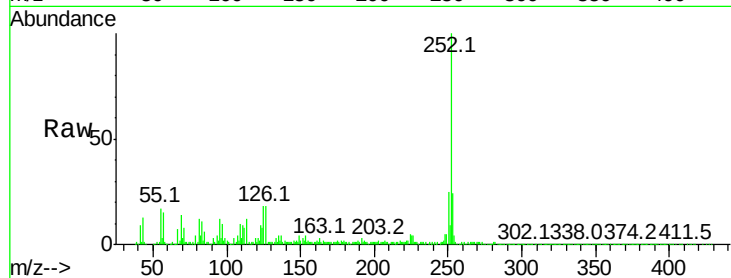
Tot Ion:252 Resp: 449720

Ion Ratio Lower Upper

252 100

253 23.8 17.1 25.7

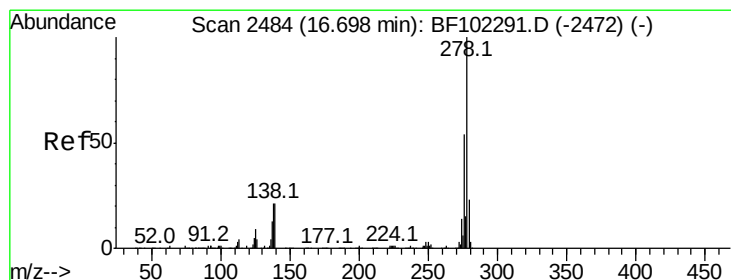
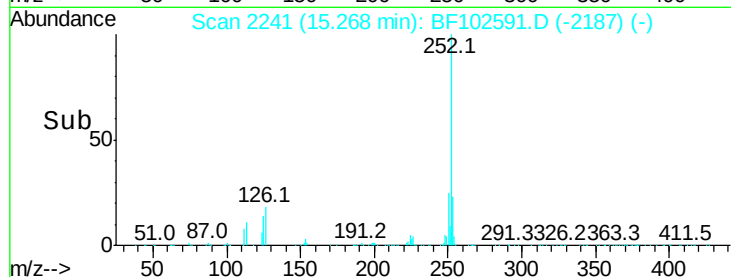
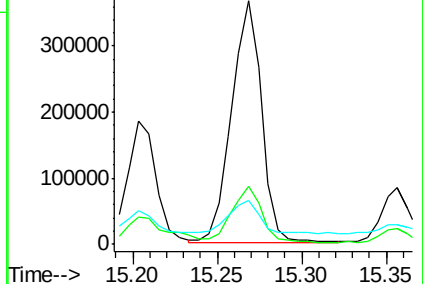
125 18.1 9.8 14.6#



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: 12.307 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.02 min

Lab File: BF102591.D

Acq: 29 Jan 2018 12:20

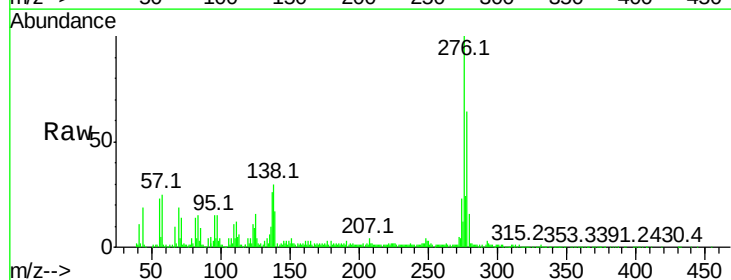
Tgt Ion:278 Resp: 160000

Ion Ratio Lower Upper

278 100

139 26.5 15.9 23.9#

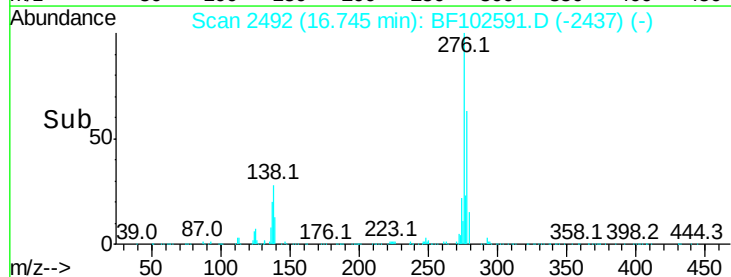
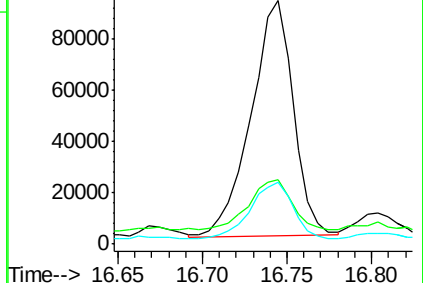
279 25.5 19.0 28.4

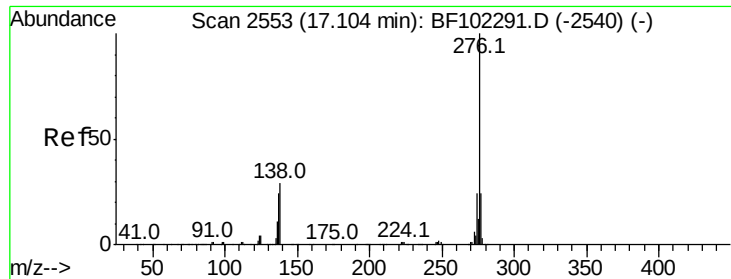


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

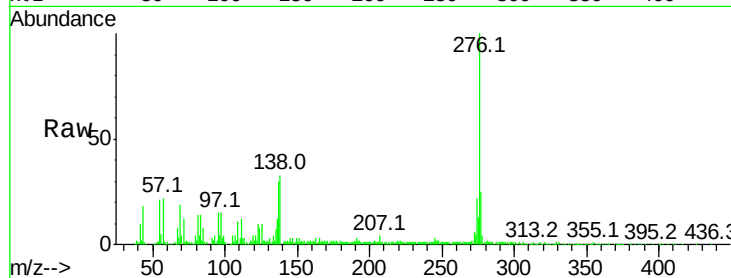




#91
 Benzo(a,h,i)perylene
 Concen: 21.833 ng
 RT: 17.16 min Scan# 2563
 Delta R.T. 0.03 min
 Lab File: BF102591.D
 Acq: 29 Jan 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	32.8	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

