

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102592.D
 Acq On : 29 Jan 2018 12:47
 Operator : SJ/JU
 Sample : J1257-01MSD 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:05:12 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	163545	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	661380	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	246492	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	332951	20.00	ng	0.00
75) Chrysene-d12	13.89	240	233815	20.00	ng	0.00
86) Perylene-d12	15.33	264	257516	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	295653	27.41	ng	0.00
7) Phenol-d6	6.36	99	353269	27.17	ng	0.00
23) Nitrobenzene-d5	7.28	82	207696	18.05	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	44990	18.42	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	367252	21.91	ng	0.00
78) Terphenyl-d14	12.82	244	197236	19.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	41537	8.105	ng	96
3) Pyridine	3.08	79	97368	7.270	ng	97
4) n-Nitrosodimethylamine	3.02	42	43518	8.288	ng	# 85
6) Aniline	6.37	93	65888	3.831	ng	# 1
8) 2-Chlorophenol	6.50	128	119872	10.602	ng	97
9) Benzaldehyde	6.26	77	56980	6.240	ng	# 85
10) Phenol	6.37	94	154643	10.893	ng	90
11) bis(2-Chloroethyl)ether	6.45	93	111217	10.300	ng	98
12) 1,3-Dichlorobenzene	6.65	146	121270	9.018	ng	96
13) 1,4-Dichlorobenzene	6.73	146	124650	9.254	ng	99
14) 1,2-Dichlorobenzene	6.88	146	118228	9.596	ng	99
15) Benzyl Alcohol	6.86	79	95906	10.453	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	186799	10.315	ng	81
17) 2-Methylphenol	6.98	107	93924	9.565	ng	# 92
18) Hexachloroethane	7.22	117	41183	8.774	ng	# 89
19) n-Nitroso-di-n-propylamine	7.12	70	86658	10.890	ng	98
20) 3+4-Methylphenols	7.14	107	128686	11.143	ng	97
22) Acetophenone	7.12	105	172220	10.923	ng	# 98
24) Nitrobenzene	7.30	77	117283	9.958	ng	99
25) Isophorone	7.53	82	212239	10.344	ng	99
26) 2-Nitrophenol	7.62	139	37726	6.086	ng	98
27) 2,4-Dimethylphenol	7.66	122	97497	10.832	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	139849	11.034	ng	92
29) 2,4-Dichlorophenol	7.87	162	88123	9.611	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	87885	8.942	ng	95
31) Naphthalene	8.02	128	367467	11.128	ng	99
32) Benzoic acid	7.66	122	97497	12.929	ng	# 13
33) 4-Chloroaniline	8.08	127	70203	5.056	ng	97
34) Hexachlorobutadiene	8.13	225	46087	8.780	ng	98
35) Caprolactam	8.42	113	27793	9.178	ng	# 87
36) 4-Chloro-3-methylphenol	8.57	107	89757	9.287	ng	95
37) 2-Methylnaphthalene	8.71	142	239843	10.906	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	79744	10.753	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	50693	10.211	ng	99

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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

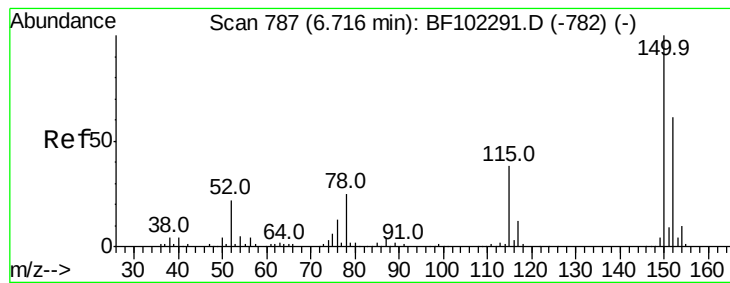
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:05:12 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)

43) 2,4,5-Trichlorophenol	9.05	196	54376	9.728	nq	# 95
45) 1,1'-Biphenyl	9.17	154	245972	11.160	nq	100
46) 2-Chloronaphthalene	9.20	162	182512	10.653	nq	96
47) 2-Nitroaniline	9.30	65	61374	11.491	nq	96
48) Acenaphthylene	9.61	152	272878	10.224	nq	99
49) Dimethylphthalate	9.47	163	276870	13.589	nq	100
50) 2,6-Dinitrotoluene	9.54	165	40102	9.129	nq	94
51) Acenaphthene	9.78	154	179895	11.541	nq	98
52) 3-Nitroaniline	9.72	138	42774	8.231	nq	92
53) 2,4-Dinitrophenol	10.07	184	118	3.753	nq	# 20
54) Dibenzofuran	9.96	168	254305	12.055	nq	99
55) 4-Nitrophenol	9.91	139	28923	8.432	nq	93
56) 2,4-Dinitrotoluene	9.95	165	39607	7.332	nq	# 78
57) Fluorene	10.30	166	221696	13.262	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	30304	7.593	nq	# 94
59) Diethylphthalate	10.17	149	186666	9.428	nq	98
60) 4-Chlorophenyl-phenylether	10.29	204	73347	10.120	nq	92
61) 4-Nitroaniline	10.33	138	36674	7.073	nq	89
62) Azobenzene	10.45	77	160634	8.862	nq	89
65) n-Nitrosodiphenylamine	10.41	169	144736	11.844	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	39458	11.009	nq	91
67) Hexachlorobenzene	10.85	284	36442	9.091	nq	96
68) Atrazine	10.94	200	41023	11.366	nq	94
69) Pentachlorophenol	11.06	266	15599	7.408	nq	96
70) Phenanthrene	11.26	178	684168	35.263	nq	99
71) Anthracene	11.32	178	374986	18.936	nq	99
72) Carbazole	11.47	167	207991	10.766	nq	98
73) Di-n-butylphthalate	11.80	149	242864	10.057	nq	99
74) Fluoranthene	12.46	202	822202	41.557	nq	99
77) Pyrene	12.69	202	738853	40.871	nq	100
79) Butylbenzylphthalate	13.30	149	71267	7.922	nq	98
80) Benzo(a)anthracene	13.88	228	472254	32.806	nq	97
81) 3,3'-Dichlorobenzidine	13.84	252	25449	4.819	nq	# 91
82) Chrysene	13.92	228	438492	29.996	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	144408	11.944	nq	98
84) Di-n-octyl phthalate	14.47	149	191027	9.716	nq	# 73
85) Indeno(1,2,3-cd)pyrene	16.74	276	289596	23.988	nq	99
87) Benzo(b)fluoranthene	14.92	252	599788	35.935	nq	# 91
88) Benzo(k)fluoranthene	14.92	252	599788	38.035	nq	# 94
89) Benzo(a)pyrene	15.27	252	436567	29.001	nq	# 93
90) Dibenzo(a,h)anthracene	16.74	278	145953	11.969	nq	# 91
91) Benzo(g,h,i)perylene	17.17	276	246911	20.507	nq	97

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

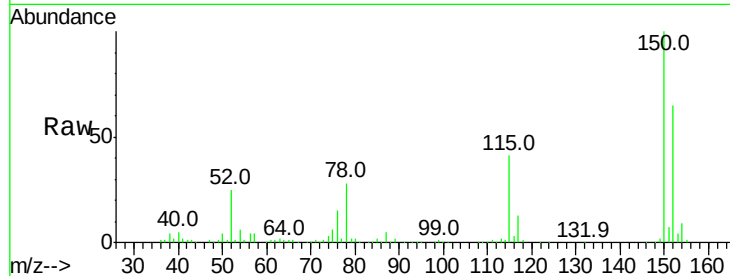


#1

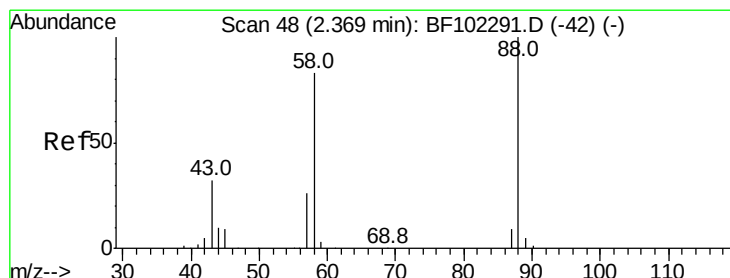
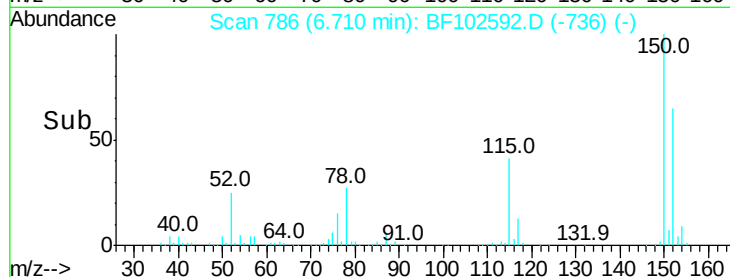
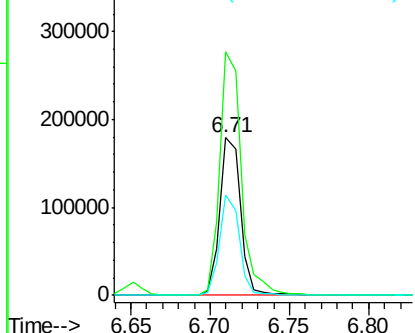
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163545
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 63.5 50.1 75.1



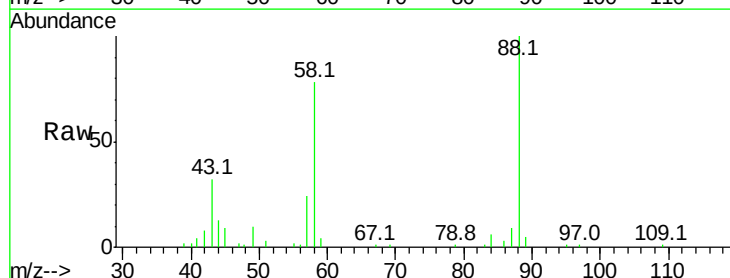
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



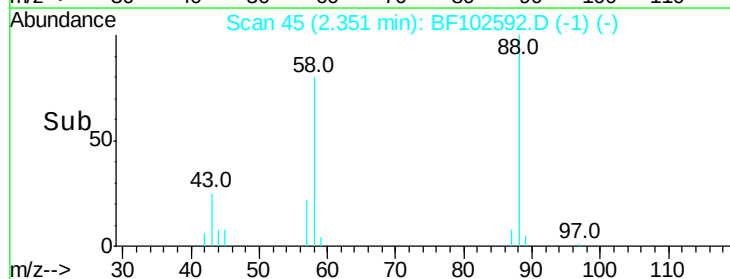
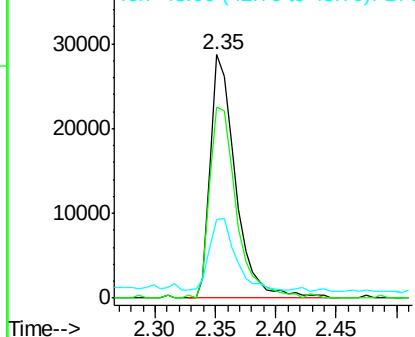
#2

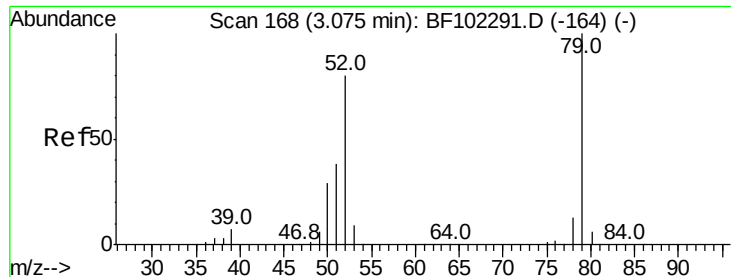
1,4-Dioxane
Concen: 8.105 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion: 88 Resp: 41537
Ion Ratio Lower Upper
88 100
58 82.7 62.6 93.8
43 30.2 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: 7.270 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampled :

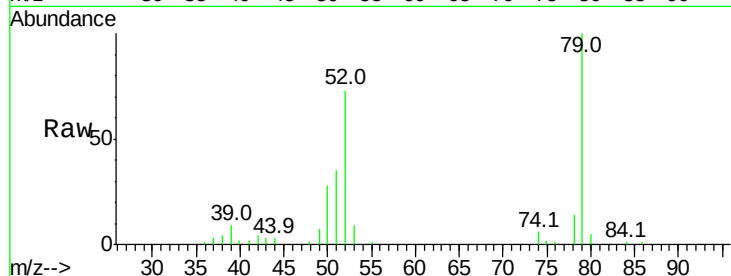
Tot Ion: 79 Resp: 97368

Ion Ratio Lower Upper

79 100

52 72.9 59.8 89.6

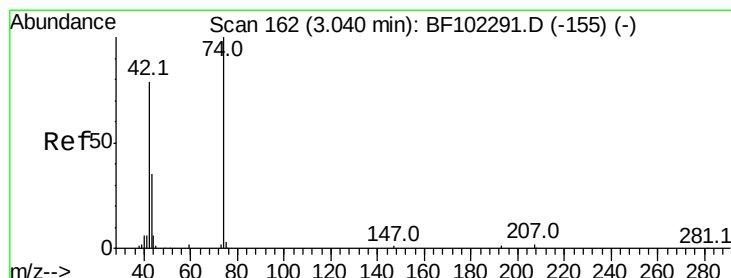
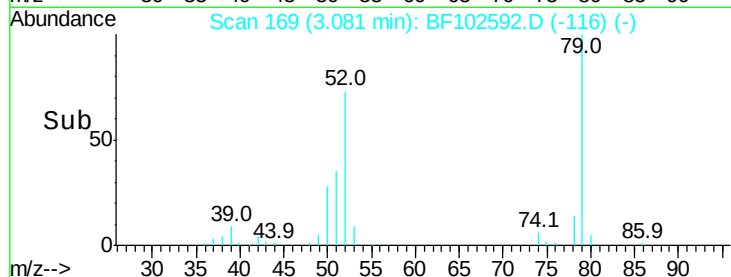
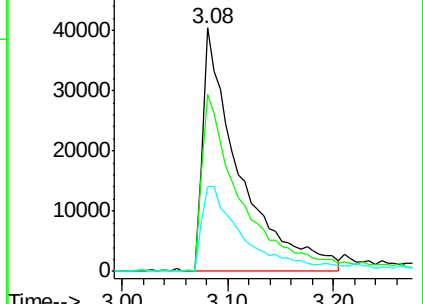
51 34.6 29.8 44.8



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: 8.288 ng

RT: 3.02 min Scan# 158

Delta R.T. -0.02 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

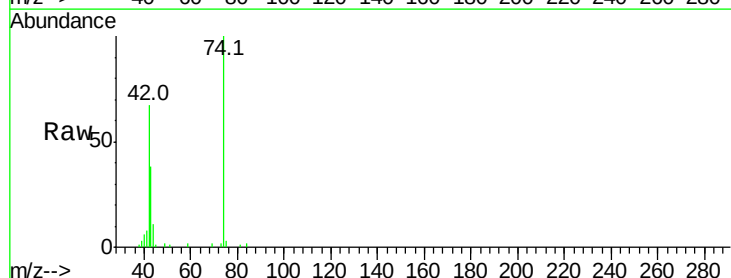
Tgt Ion: 42 Resp: 43518

Ion Ratio Lower Upper

42 100

74 148.2 104.9 157.3

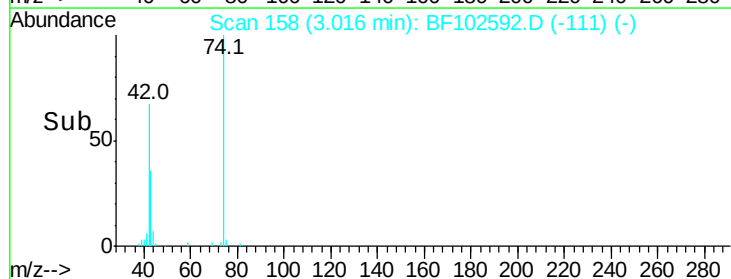
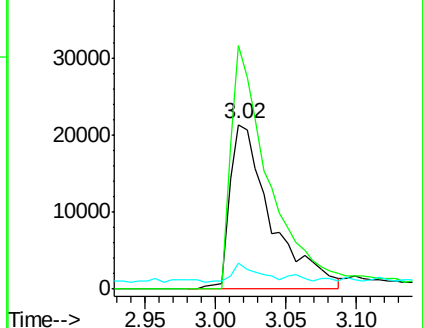
44 15.8 6.9 10.3

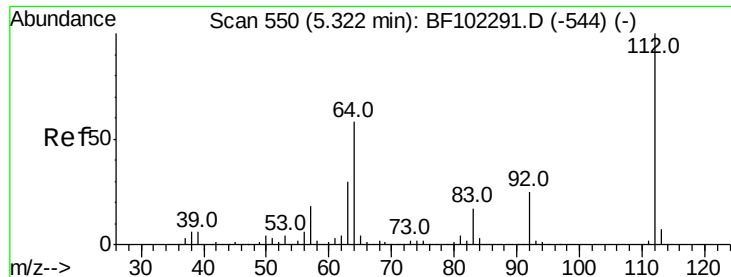


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 27.411 ng

RT: 5.32 min Scan# 550

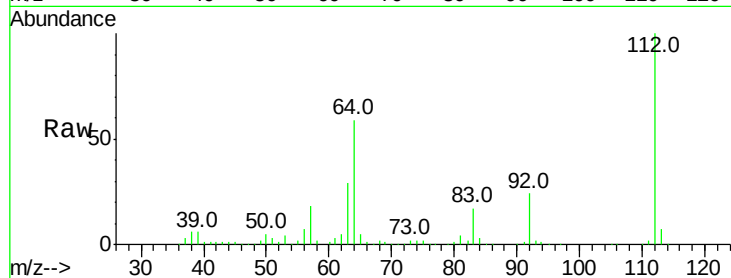
Delta R.T. -0.00 min

Lab File: BF102592.D

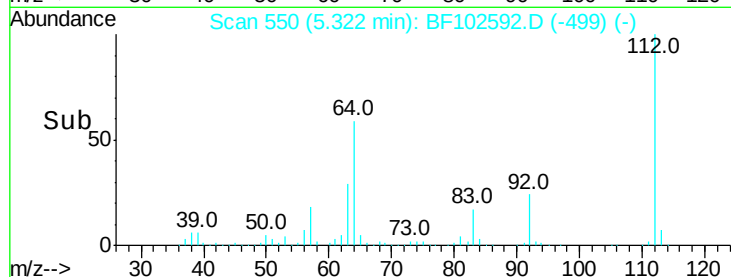
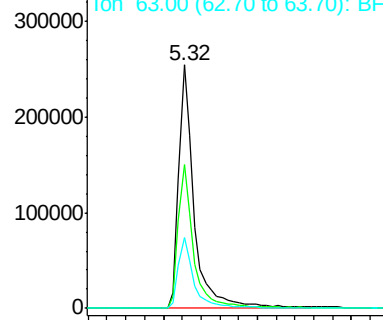
Acq: 29 Jan 2018 12:47

Instrument :
BNA_F
ClientSampleId :

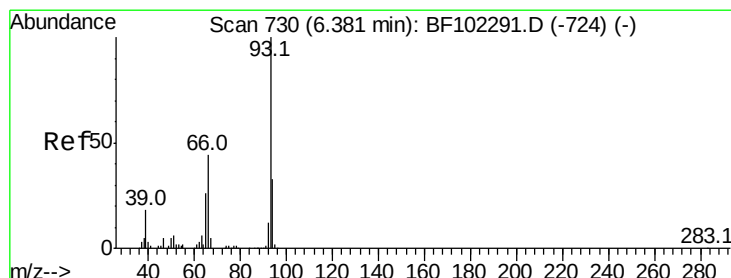
Tot Ion:	112	Resp:	295653
Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	29.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



Time-->



#6

Aniline

Concen: 3.831 ng

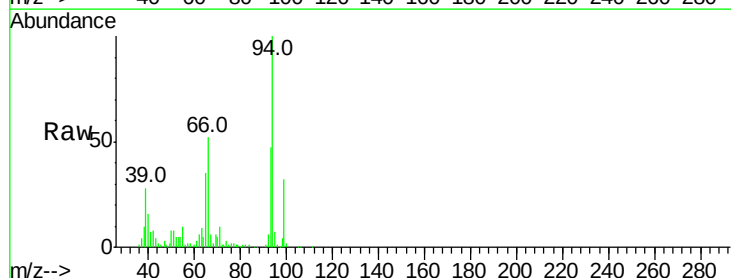
RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

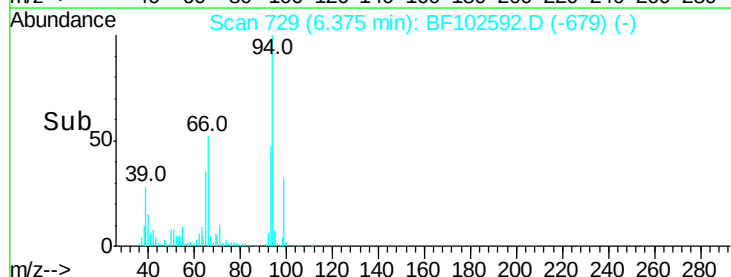
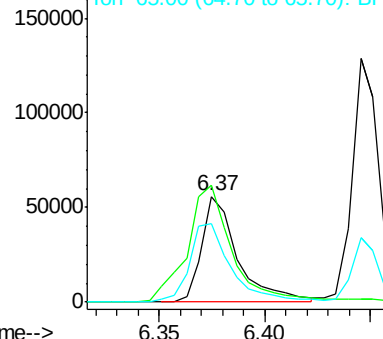
Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

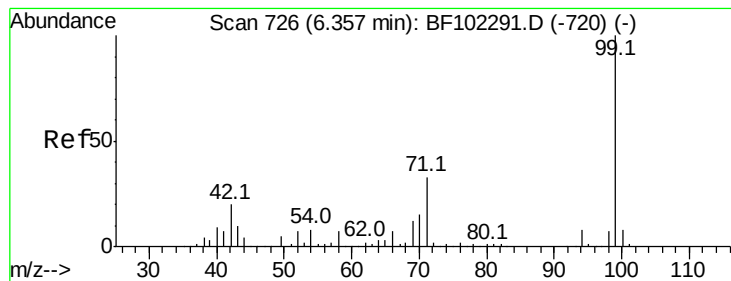
Tgt Ion:	93	Resp:	65888
Ion	Ratio	Lower	Upper
93	100		
66	110.3	32.2	48.2#
65	73.9	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1



Time-->



#7

Phenol-d6

Concen: 27.167 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampled :

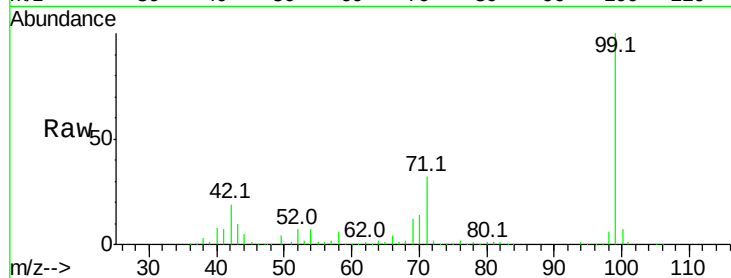
Tot Ion: 99 Resp: 353269

Ion Ratio Lower Upper

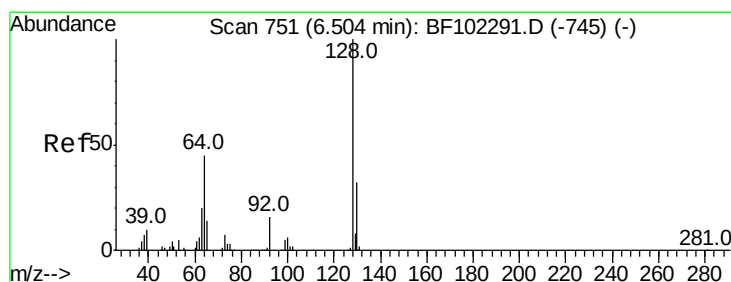
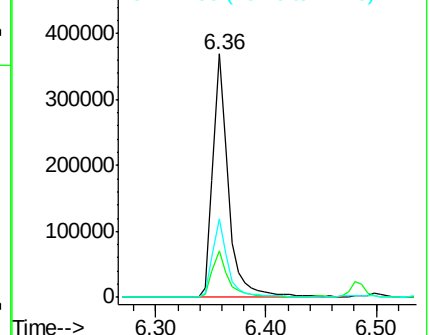
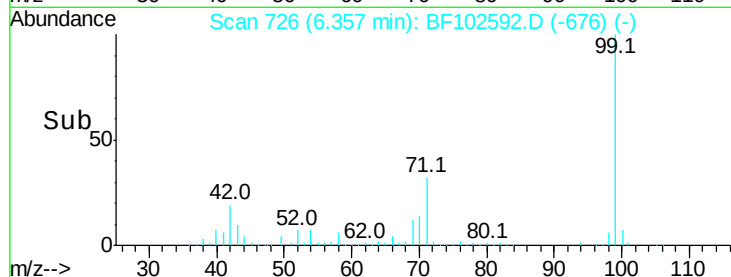
99 100

42 19.3 14.5 21.7

71 32.1 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: 10.602 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

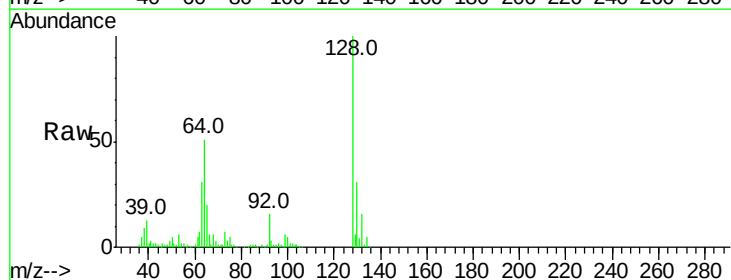
Tgt Ion: 128 Resp: 119872

Ion Ratio Lower Upper

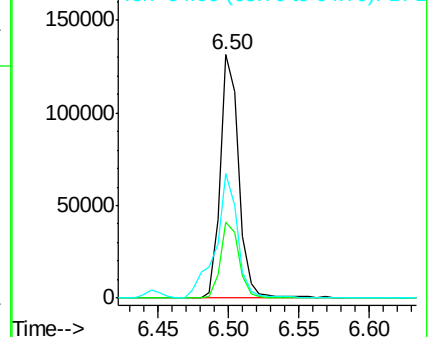
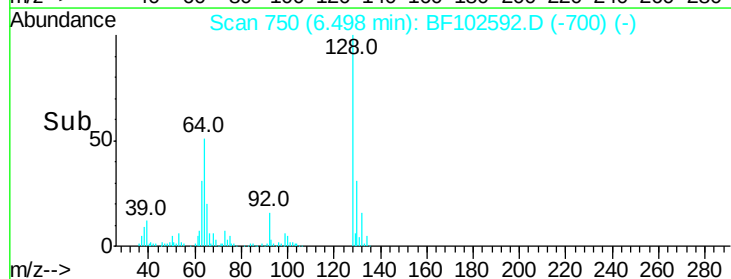
128 100

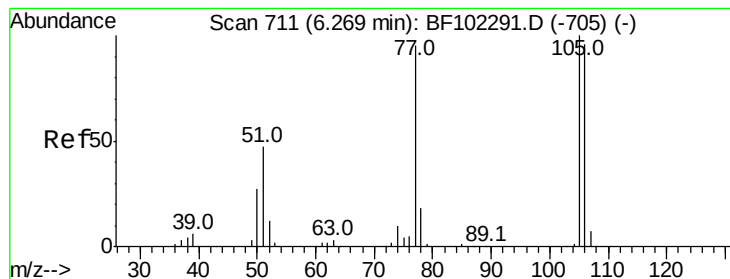
130 31.1 13.0 53.0

64 51.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 6.240 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

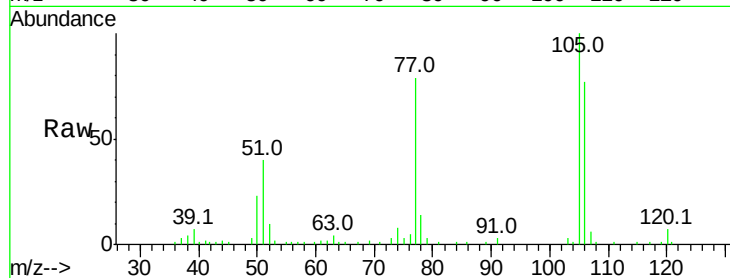
Tot Ion: 77 Resp: 56980

Ion Ratio Lower Upper

77 100

105 127.0 81.1 121.1#

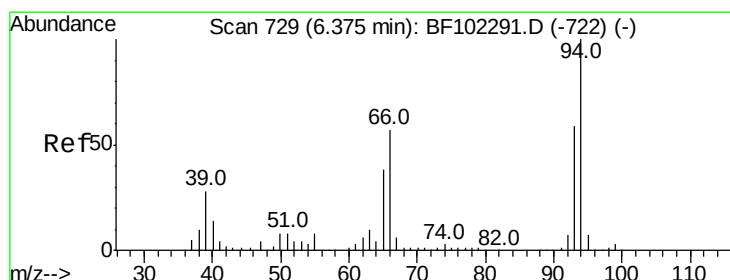
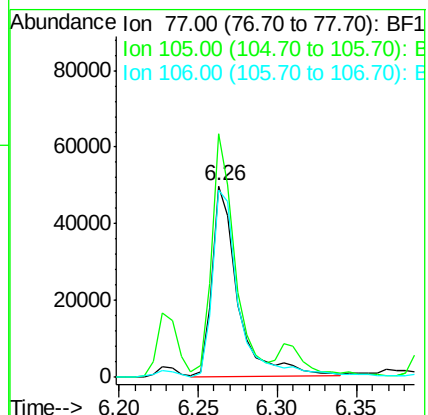
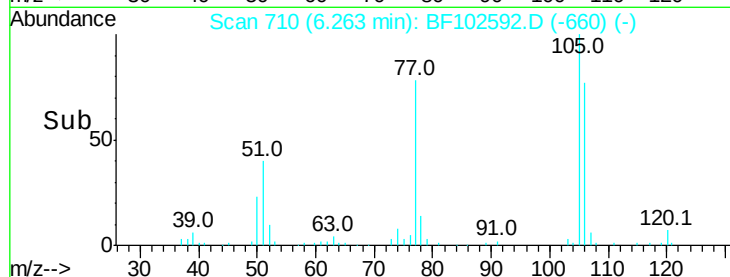
106 97.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 10.893 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

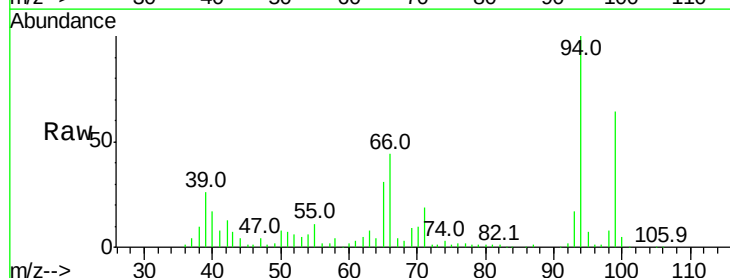
Tgt Ion: 94 Resp: 154643

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

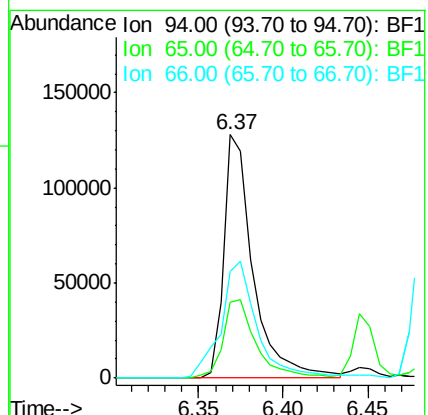
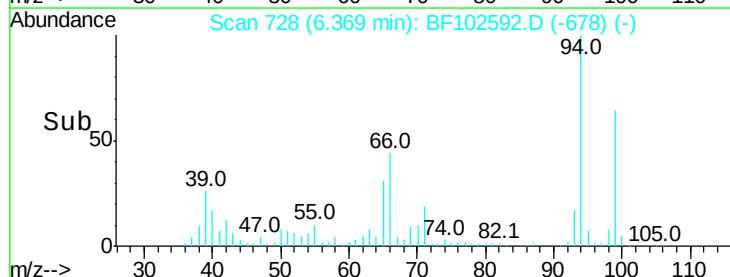
66 43.7 16.2 56.2

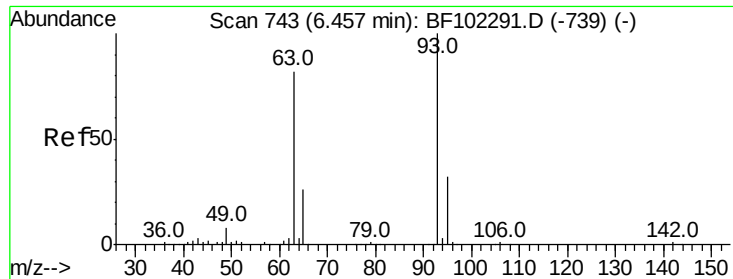


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 10.300 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

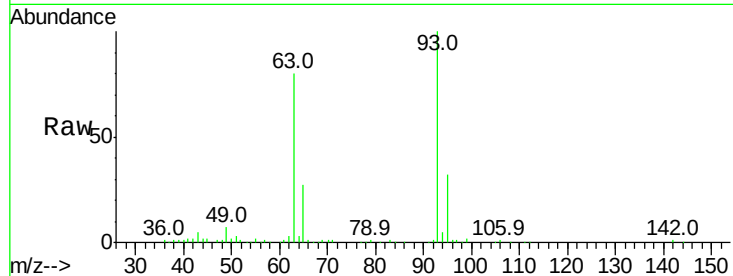
Tot Ion: 93 Resp: 111217

Ion Ratio Lower Upper

93 100

63 80.4 58.6 98.6

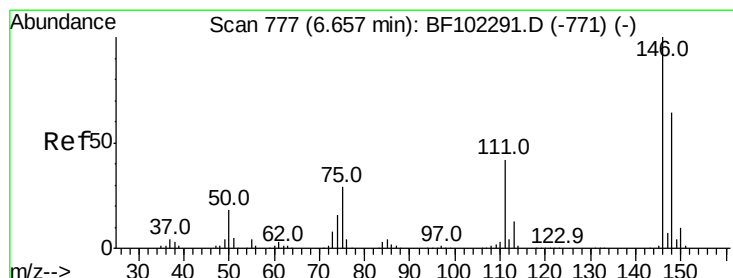
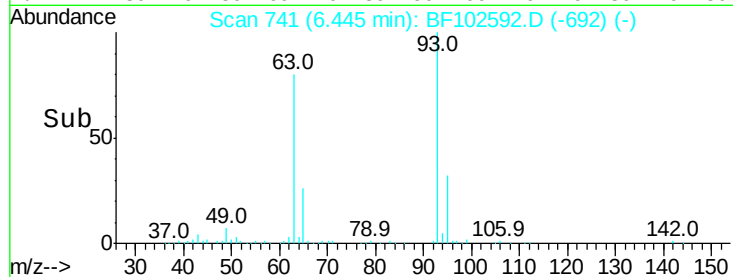
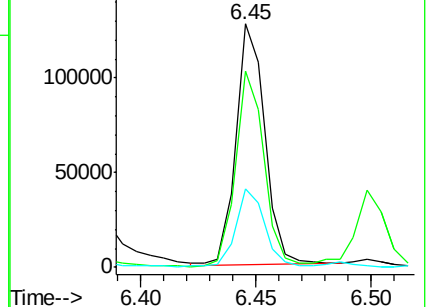
95 32.4 11.8 51.8



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: 9.018 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

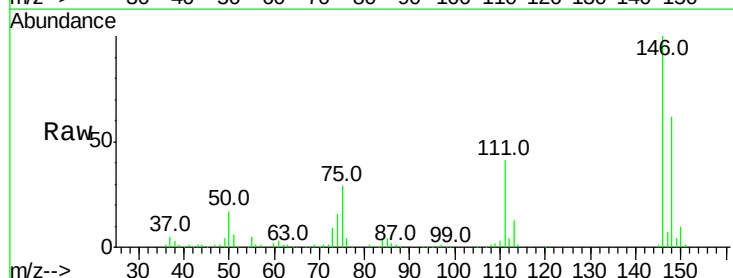
Tgt Ion: 146 Resp: 121270

Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.8

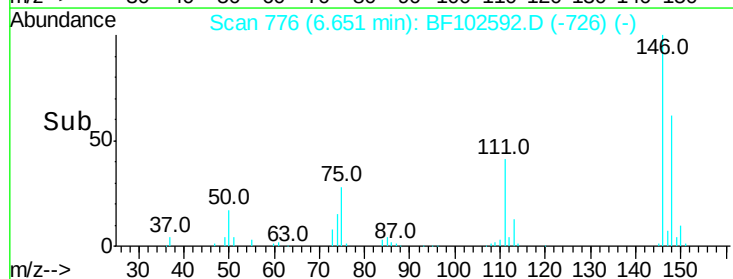
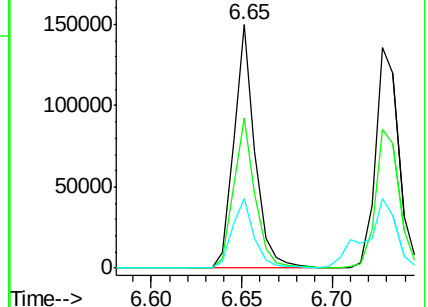
75 28.5 24.2 36.4

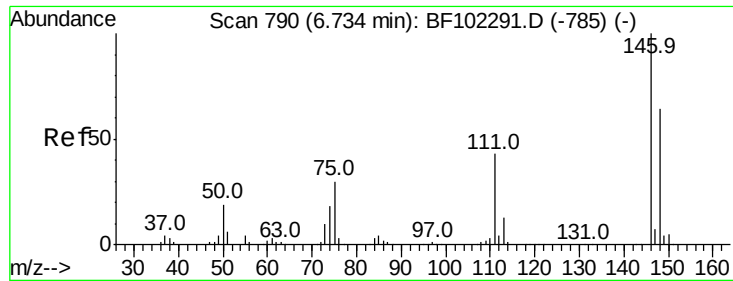


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 9.254 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampled :

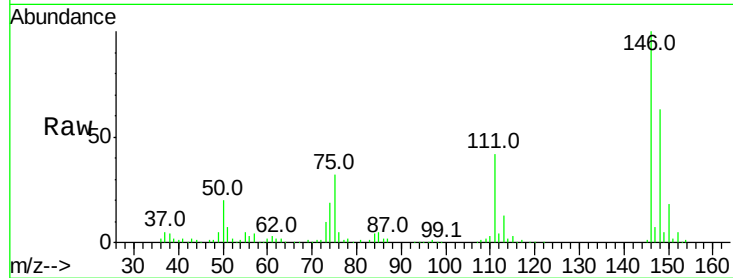
Tot Ion:146 Resp: 124650

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

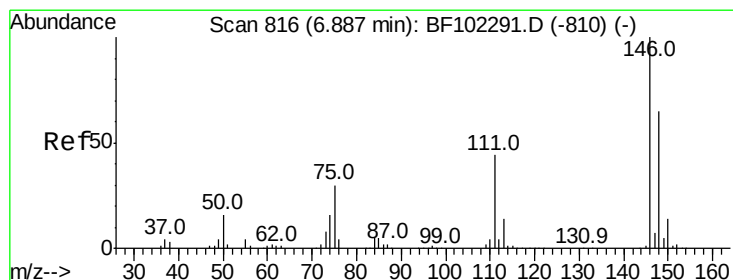
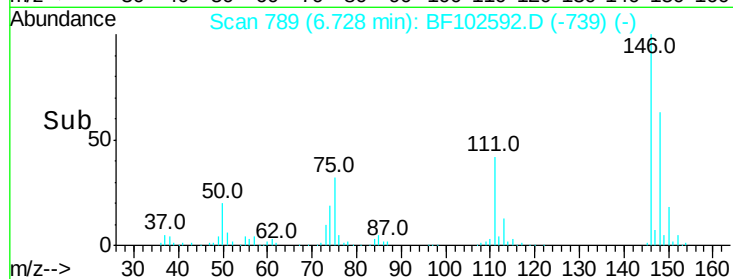
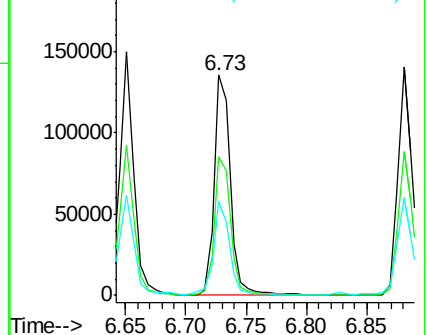
111 42.5 34.2 51.2



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: 9.596 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

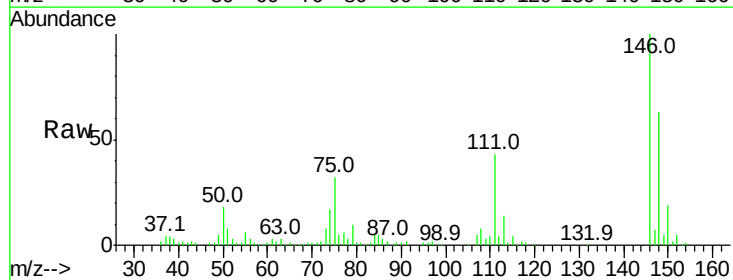
Tgt Ion:146 Resp: 118228

Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

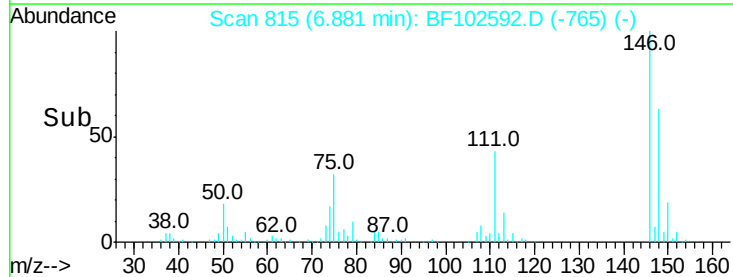
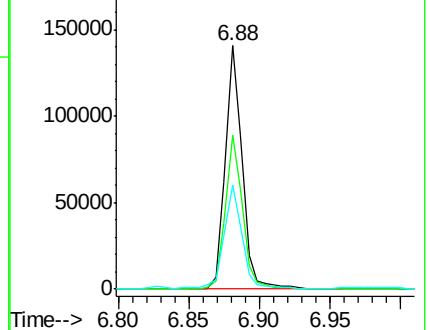
111 43.0 36.0 54.0

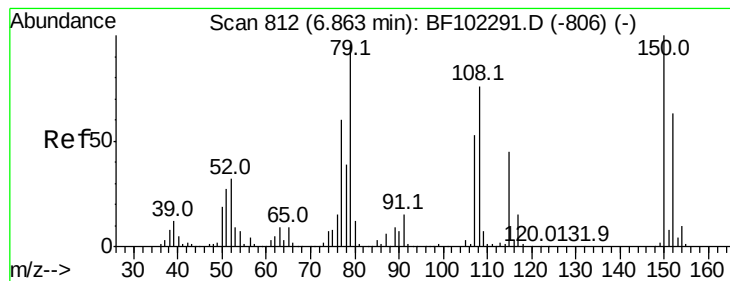


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.453 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :
BNA_F
ClientSampleID :

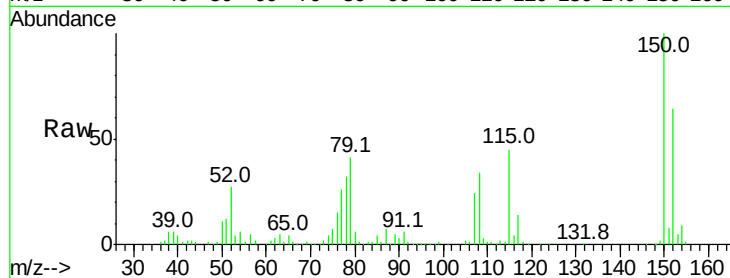
Tot Ion: 79 Resp: 95906

Ion Ratio Lower Upper

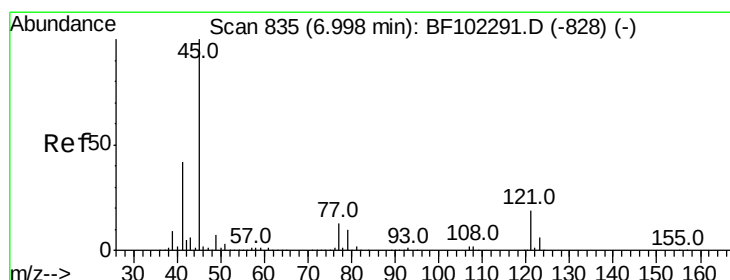
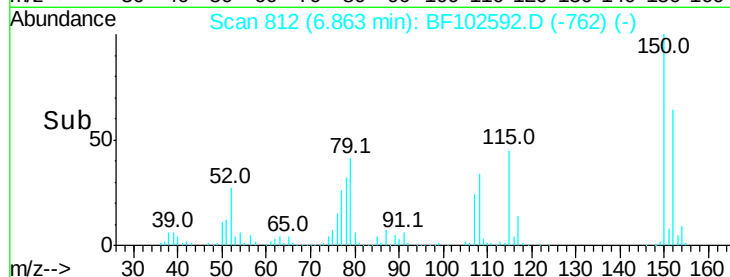
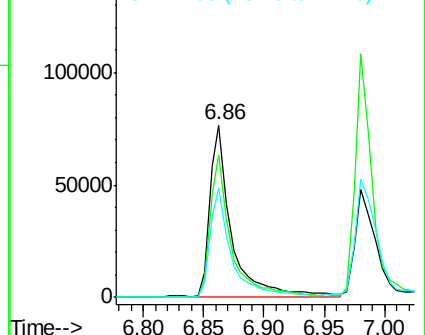
79 100

108 82.4 65.1 97.7

77 63.4 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.315 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

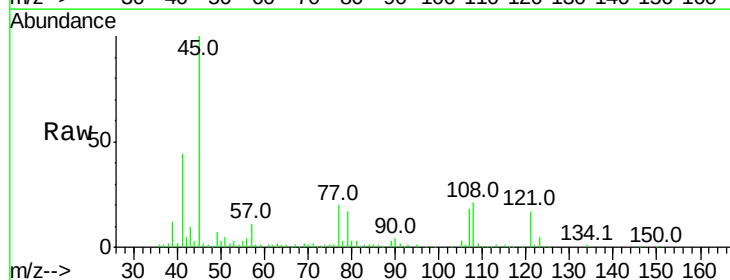
Tgt Ion: 45 Resp: 186799

Ion Ratio Lower Upper

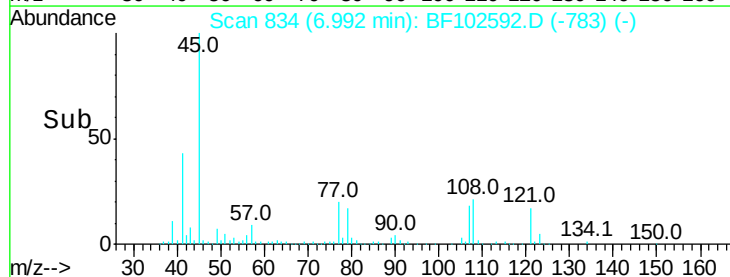
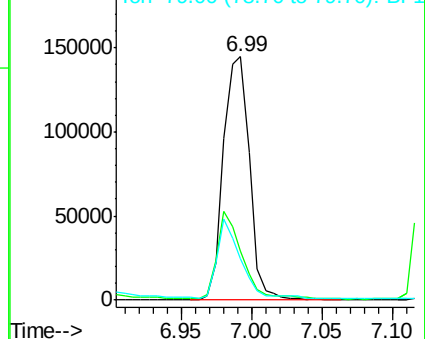
45 100

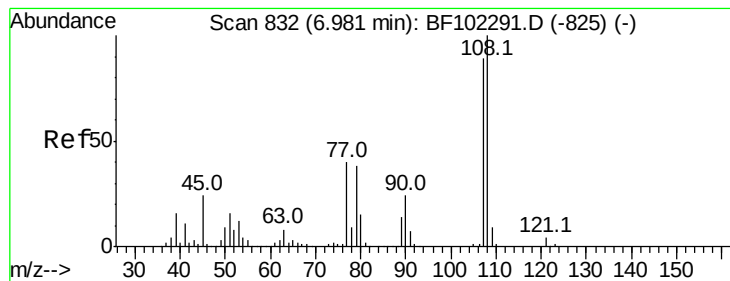
77 20.1 0.0 32.9

79 17.1 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: 9.565 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 93924

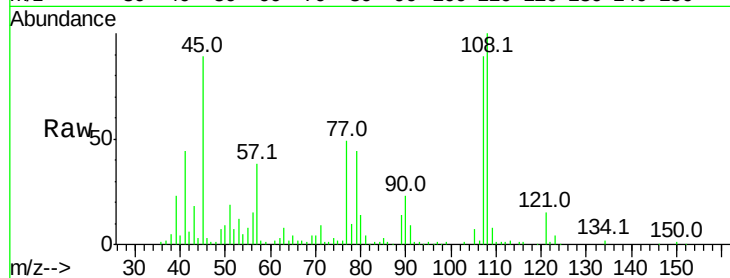
Ion Ratio Lower Upper

107 100

108 112.2 91.7 137.5

77 54.7 33.8 50.8#

79 49.6 33.8 50.8

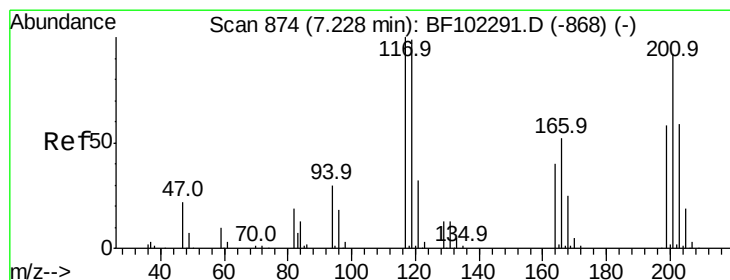
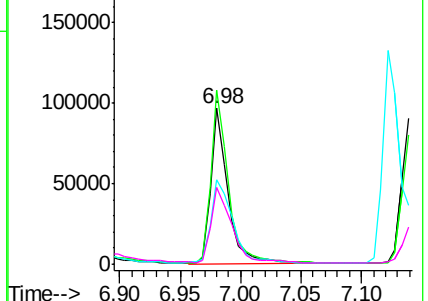
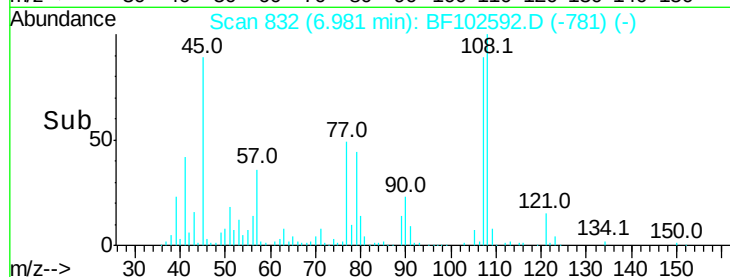


Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.774 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

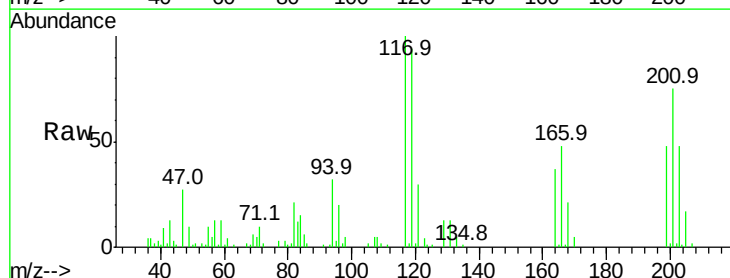
Tgt Ion:117 Resp: 41183

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

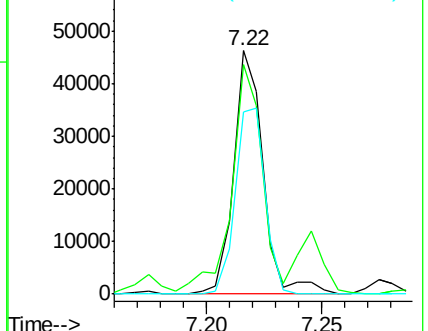
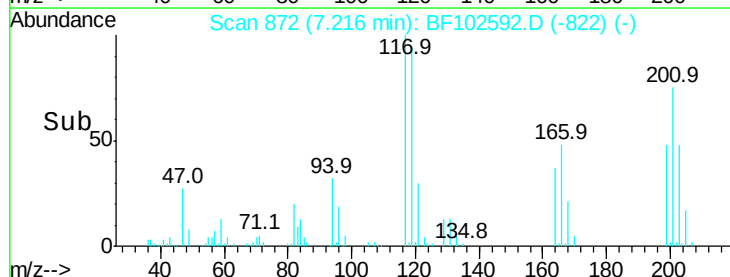
201 74.6 75.7 113.5#

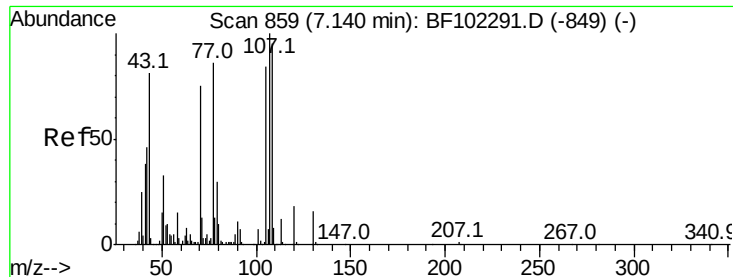


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

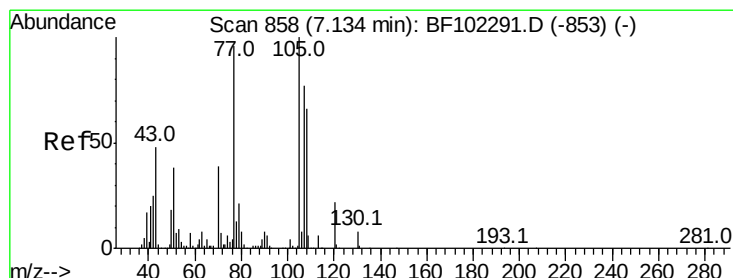
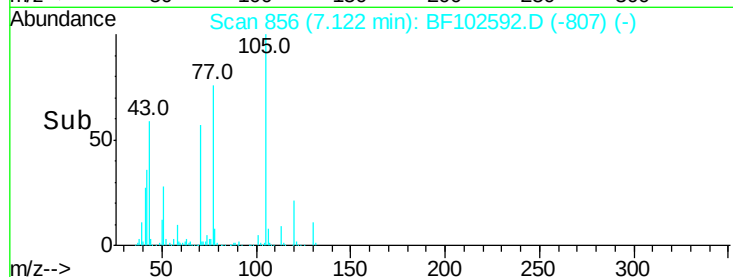
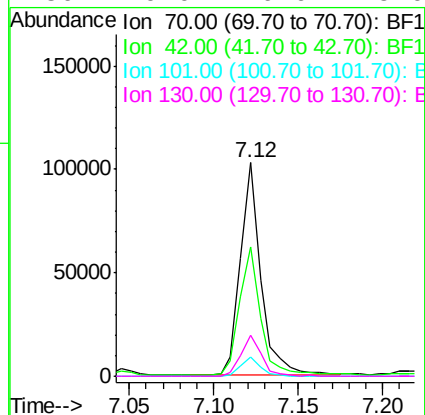
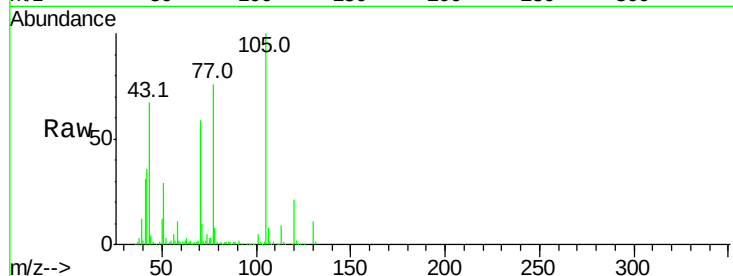




#19
n-Nitroso-di-n-propylamine
Concen: 10.890 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

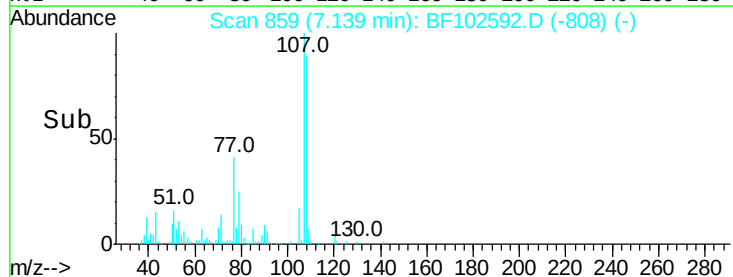
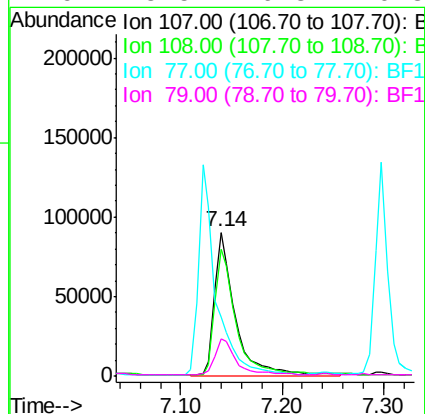
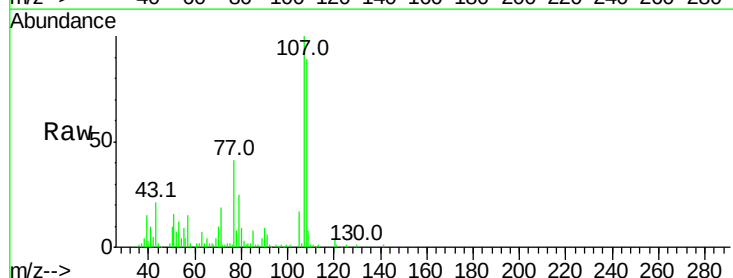
Instrument :
BNA_F
ClientSampleId :

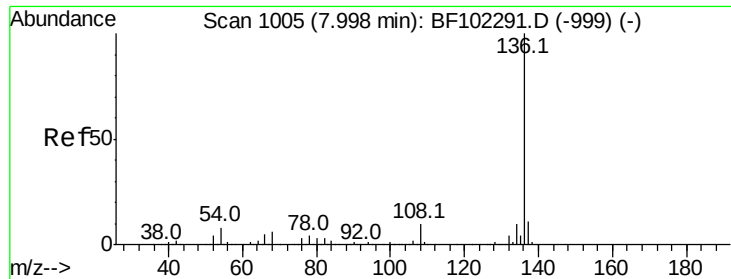
Tot Ion: 70 Resp: 86658
Ion Ratio Lower Upper
70 100
42 60.6 47.5 71.3
101 9.2 7.4 11.2
130 19.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 11.143 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion: 107 Resp: 128686
Ion Ratio Lower Upper
107 100
108 88.7 68.2 108.2
77 40.7 26.7 66.7
79 25.5 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: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 661380

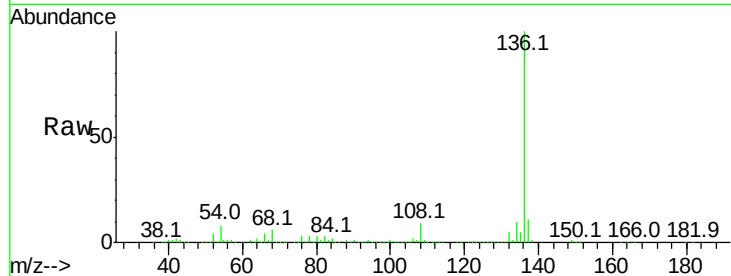
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.2 6.6 9.8

68 5.8 5.0 7.4

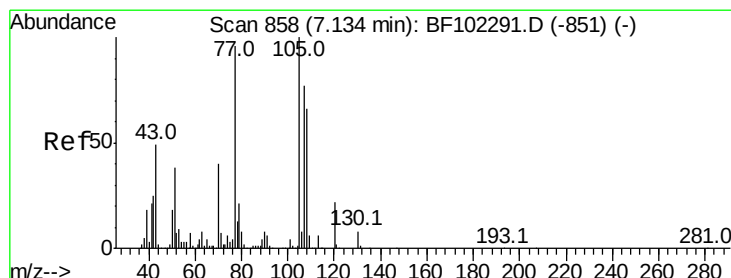
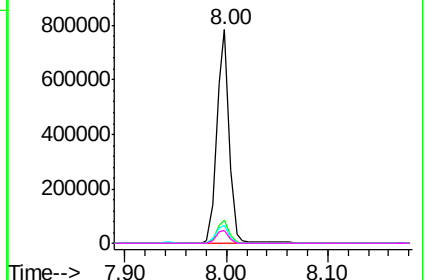
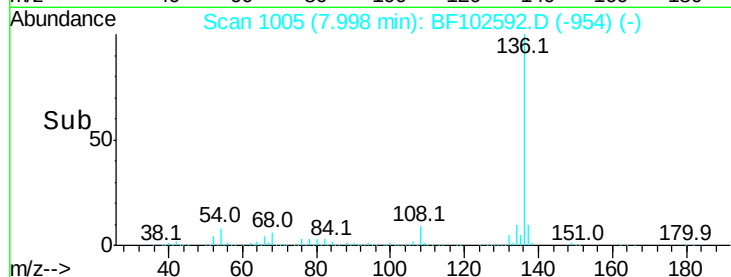


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 10.923 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Tgt Ion:105 Resp: 172220

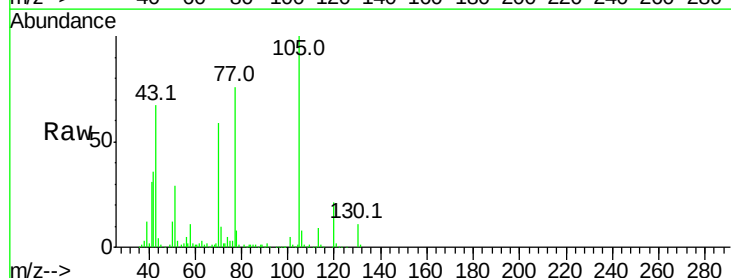
Ion Ratio Lower Upper

105 100

71 9.6 4.4 6.6#

51 28.7 22.3 33.5

120 20.7 16.9 25.3

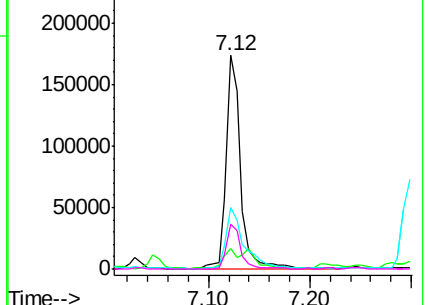
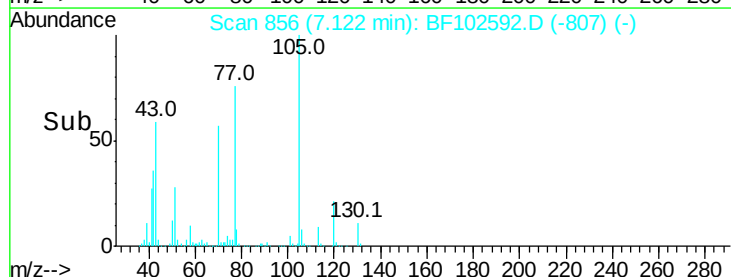


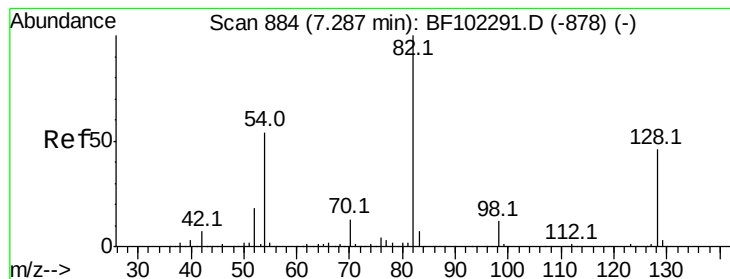
Abundance Ion 105.00 (104.70 to 105.70): E

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: 18.047 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampled :

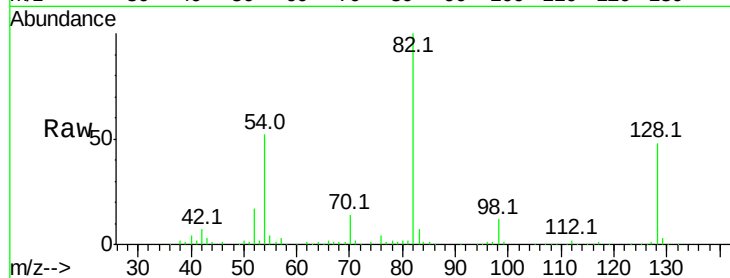
Tot Ion: 82 Resp: 207696

Ion Ratio Lower Upper

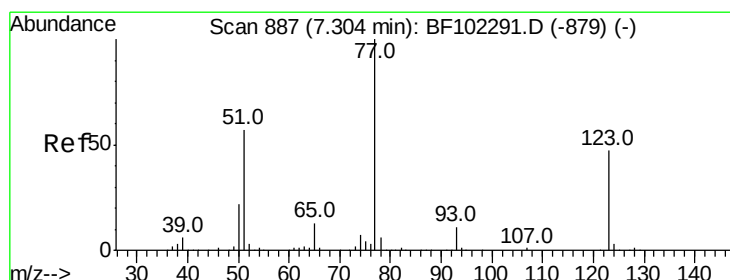
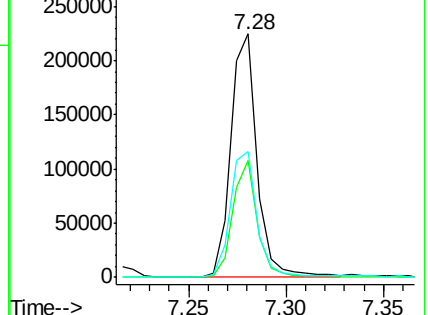
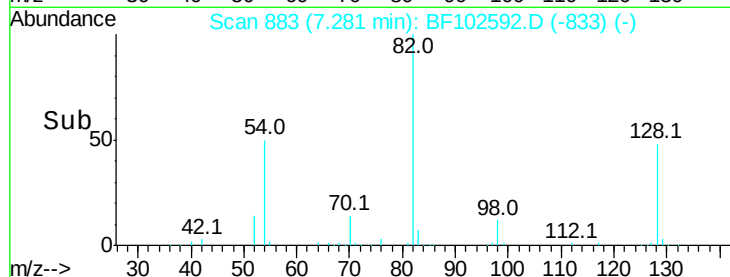
82 100

128 48.0 36.1 54.1

54 51.5 41.4 62.2



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



#24

Nitrobenzene

Concen: 9.958 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

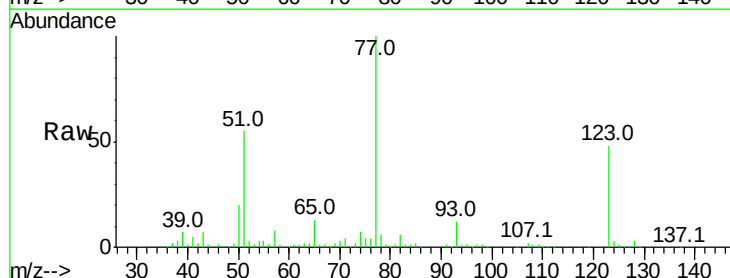
Tgt Ion: 77 Resp: 117283

Ion Ratio Lower Upper

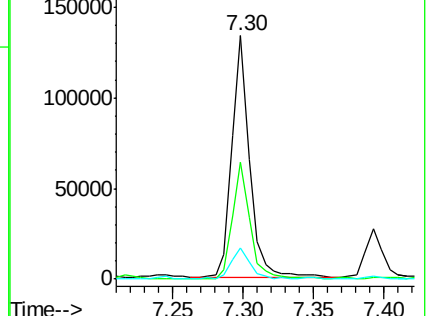
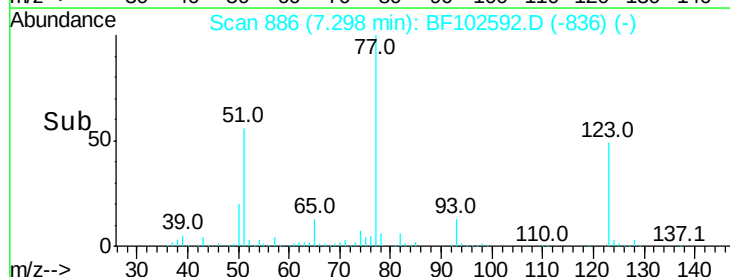
77 100

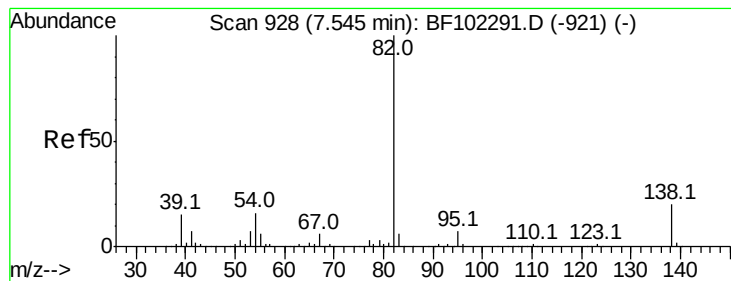
123 47.8 37.9 56.9

65 12.9 11.0 16.4



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





#25

Isophorone

Concen: 10.344 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

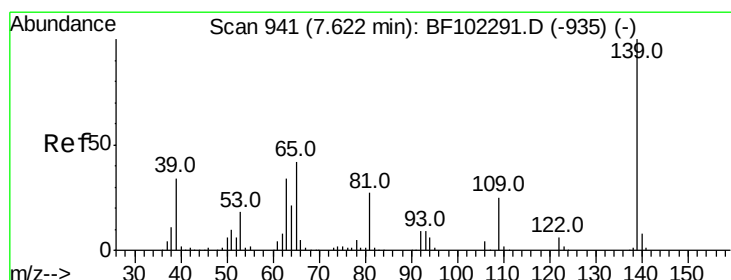
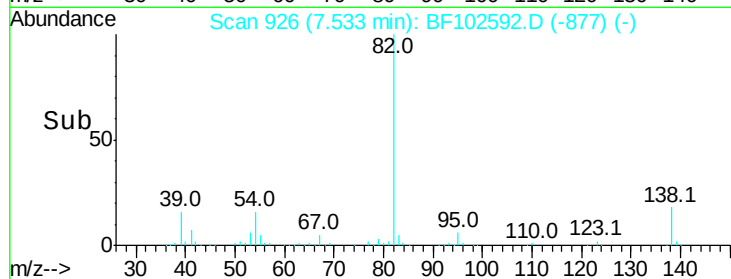
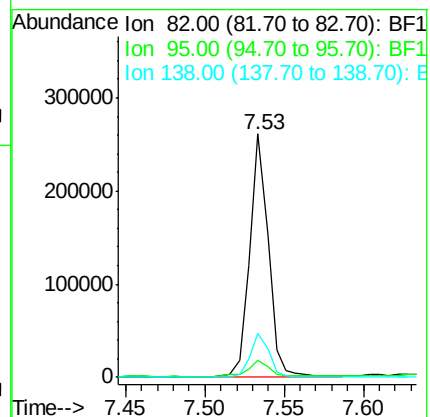
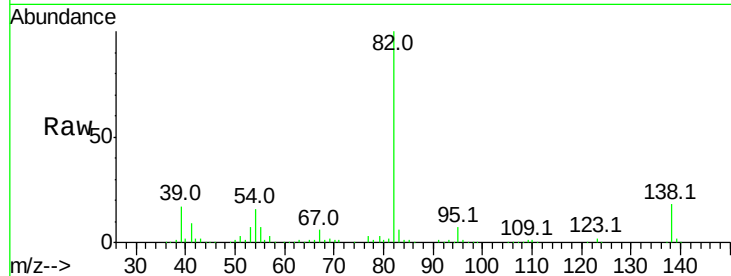
Tot Ion: 82 Resp: 212239

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 6.086 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

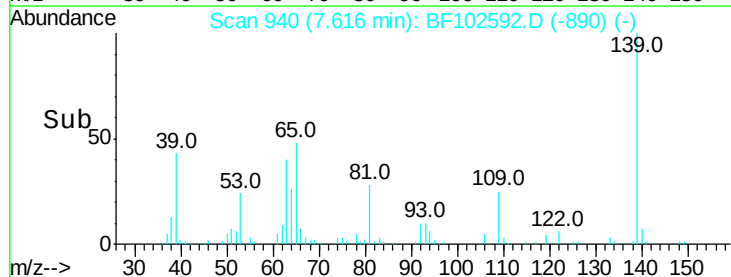
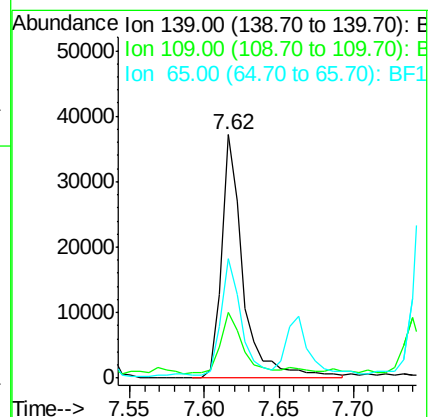
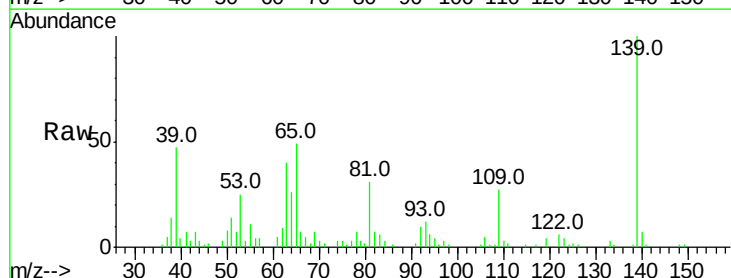
Tgt Ion: 139 Resp: 37726

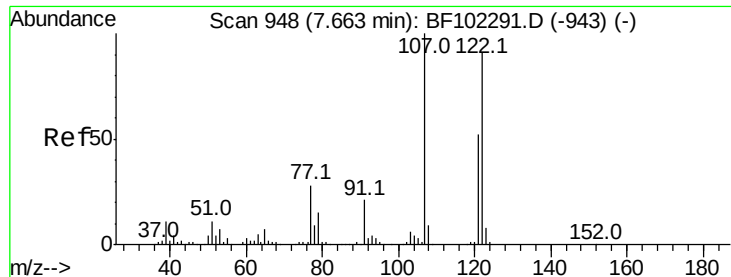
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 49.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 10.832 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampled :

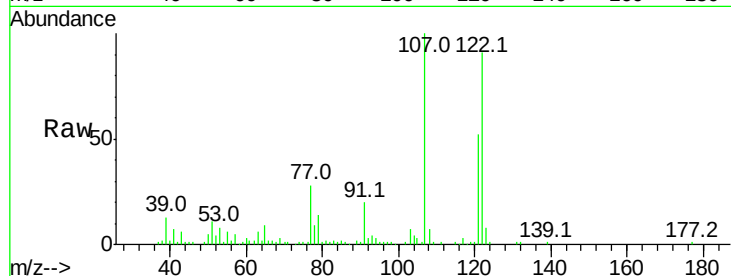
Tot Ion:122 Resp: 97497

Ion Ratio Lower Upper

122 100

107 110.1 91.2 136.8

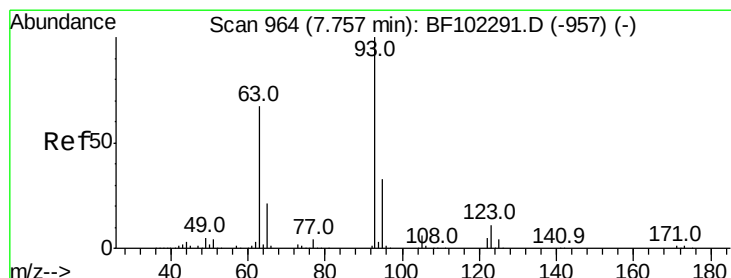
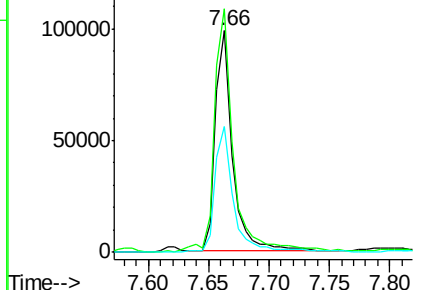
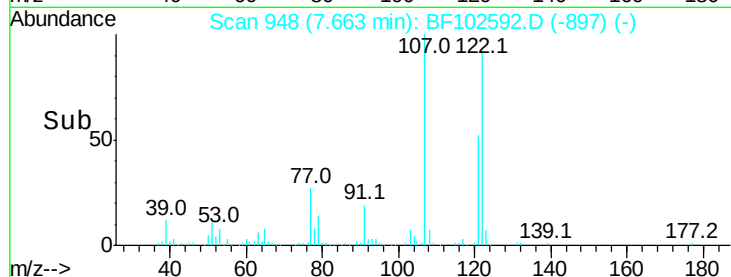
121 56.8 47.2 70.8



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: 11.034 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

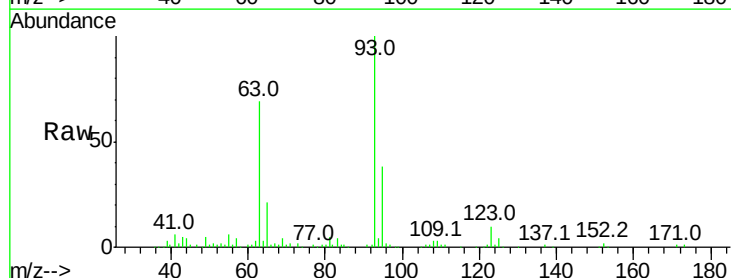
Tgt Ion: 93 Resp: 139849

Ion Ratio Lower Upper

93 100

95 38.3 26.3 39.5

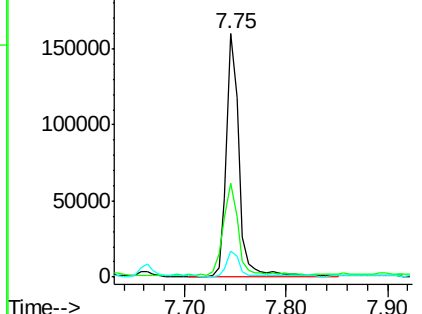
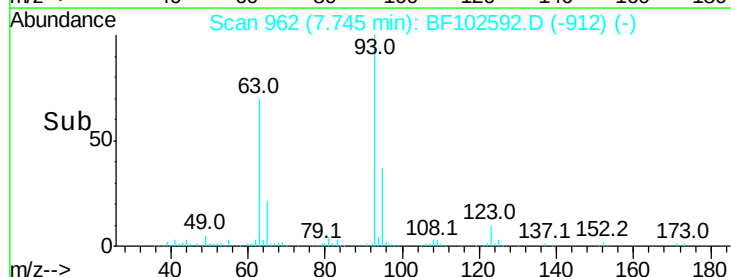
123 10.5 9.8 14.6

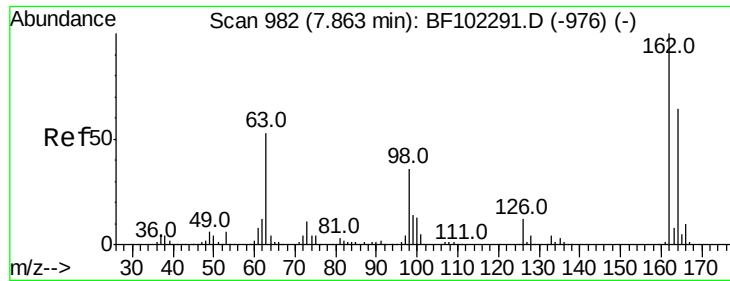


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

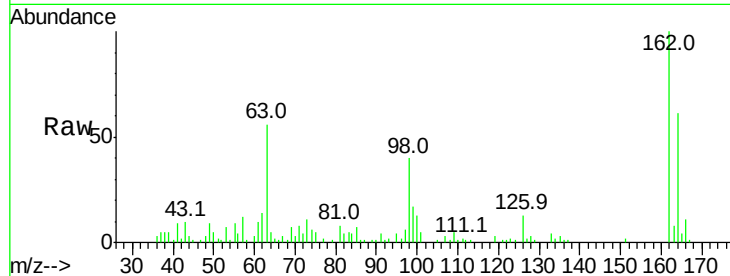




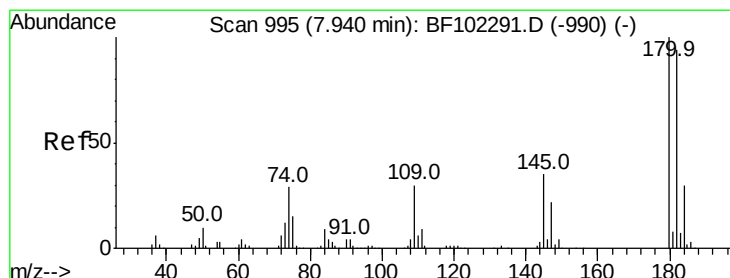
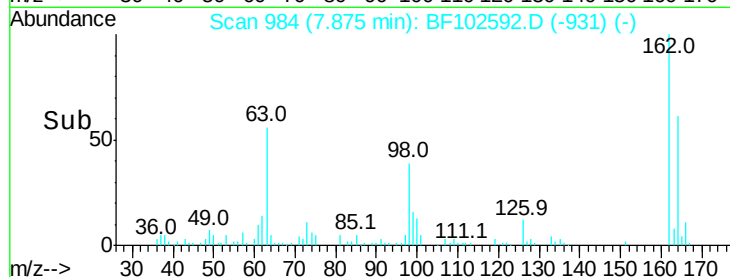
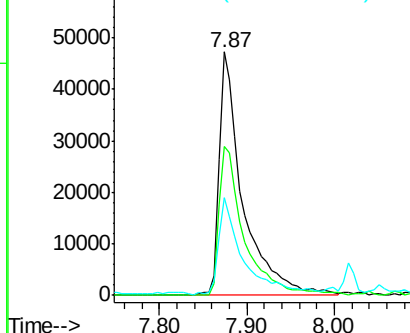
#29
2,4-Dichlorophenol
Concen: 9.611 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 88123
Ion Ratio Lower Upper
162 100
164 61.4 42.7 82.7
98 40.0 18.1 58.1

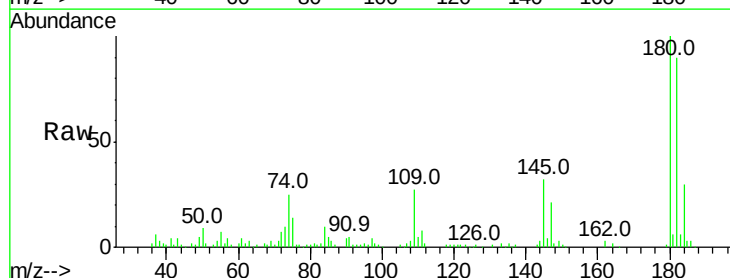


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

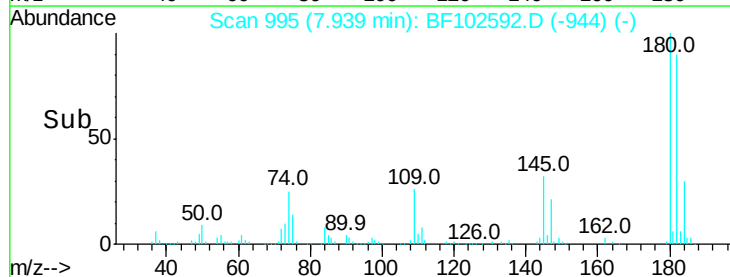
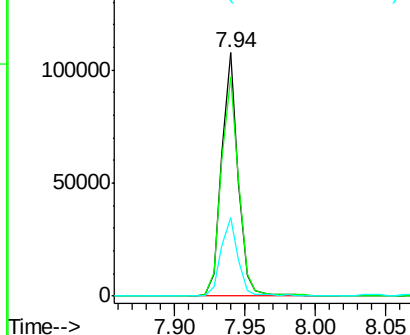


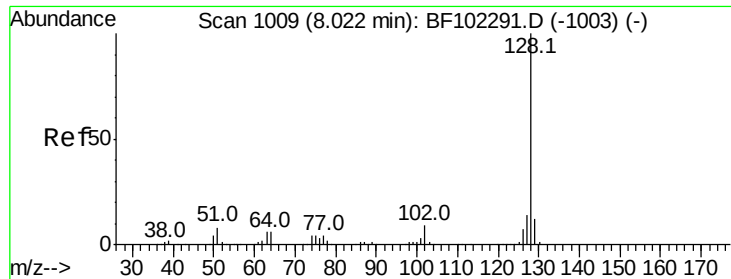
#30
1,2,4-Trichlorobenzene
Concen: 8.942 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion:180 Resp: 87885
Ion Ratio Lower Upper
180 100
182 90.3 76.8 115.2
145 32.2 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

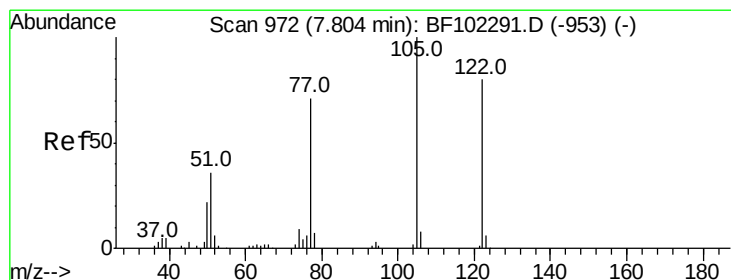
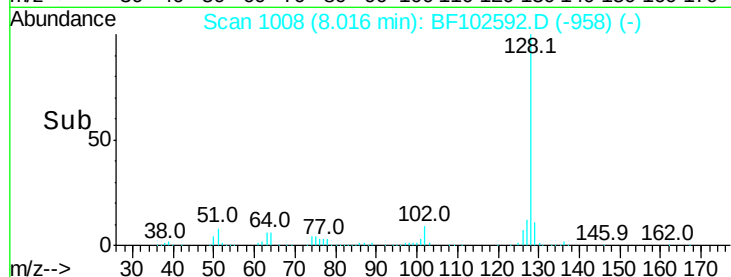
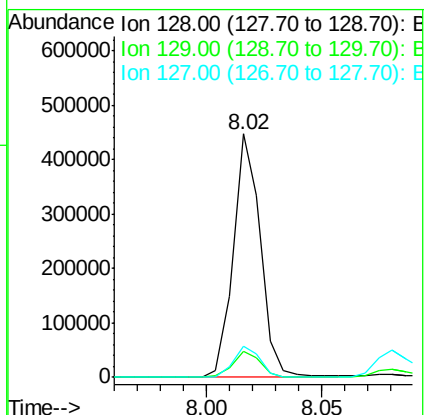
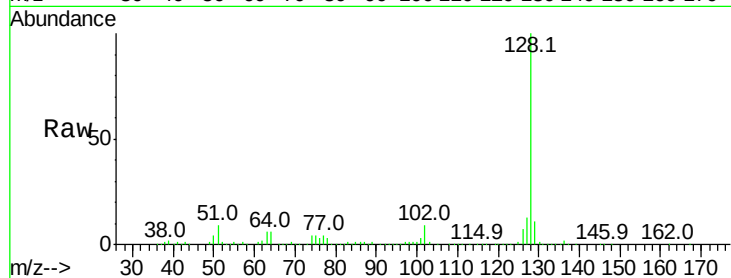




#31
Naphthalene
Concen: 11.128 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

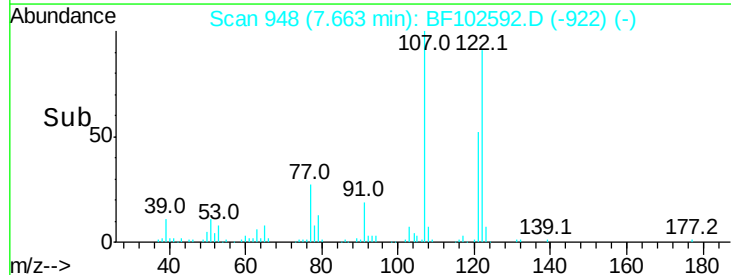
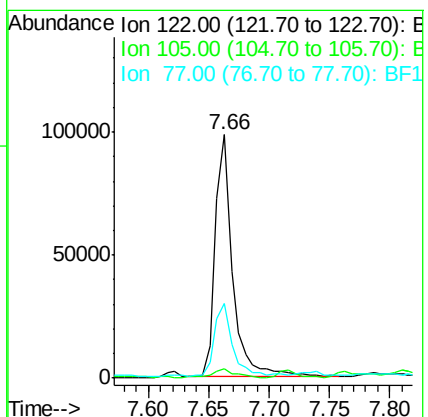
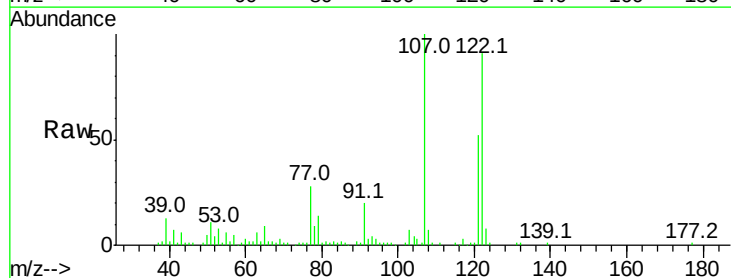
Instrument :
BNA_F
ClientSampleId :

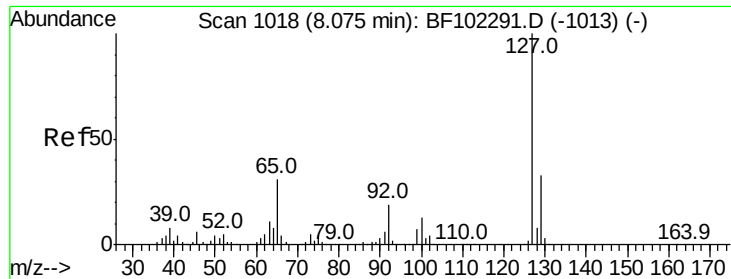
Tot Ion:128 Resp: 367467
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.9 16.3



#32
Benzoic acid
Concen: 12.929 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.15 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion:122 Resp: 97497
Ion Ratio Lower Upper
122 100
105 3.6 101.1 141.1#
77 30.7 70.7 110.7#

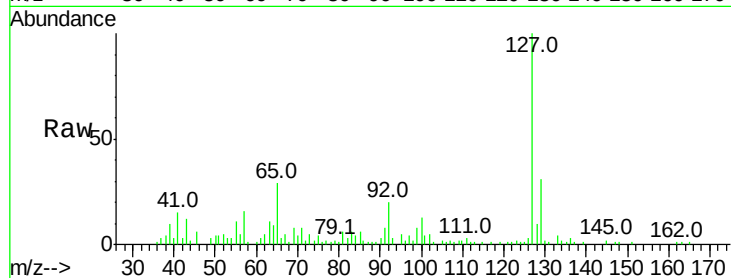




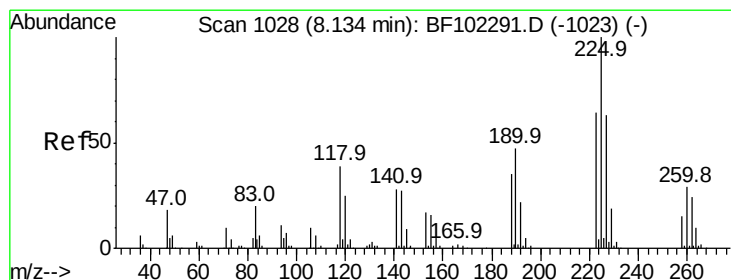
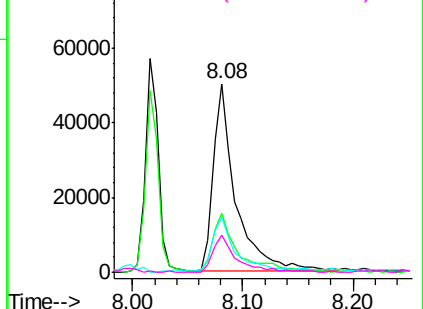
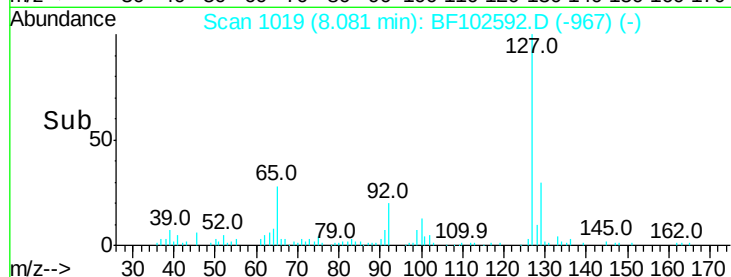
#33
4-Chloroaniline
Concen: 5.056 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	70203
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	29.2	25.0	37.4
92	19.5	15.2	22.8

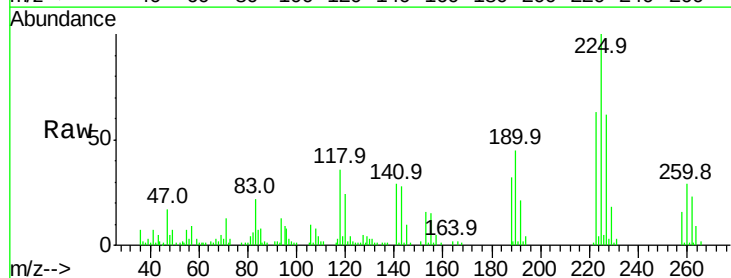


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

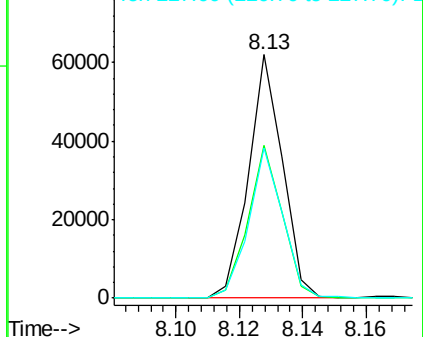
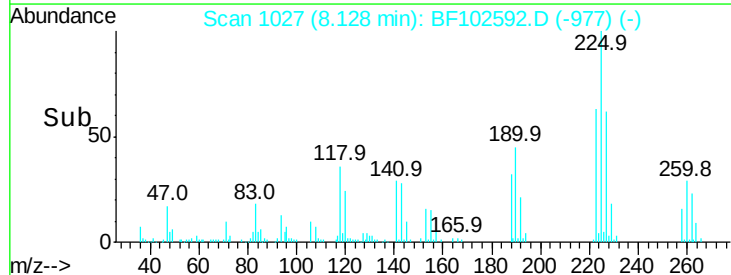


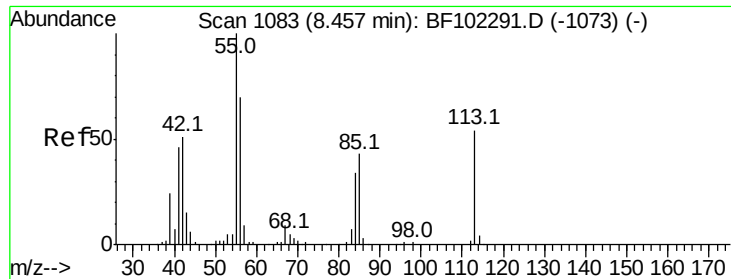
#34
Hexachlorobutadiene
Concen: 8.780 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion:	225	Resp:	46087
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	61.7	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: 9.178 ng

RT: 8.42 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

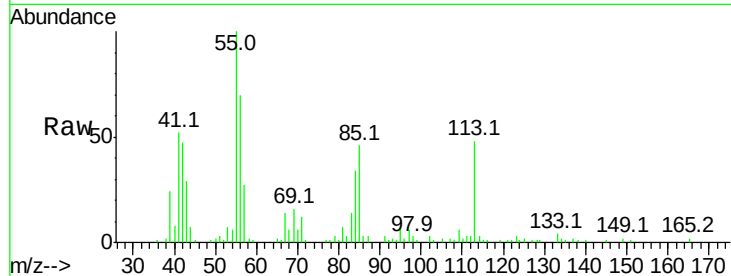
Tot Ion:113 Resp: 27793

Ion Ratio Lower Upper

113 100

55 207.5 163.3 203.3#

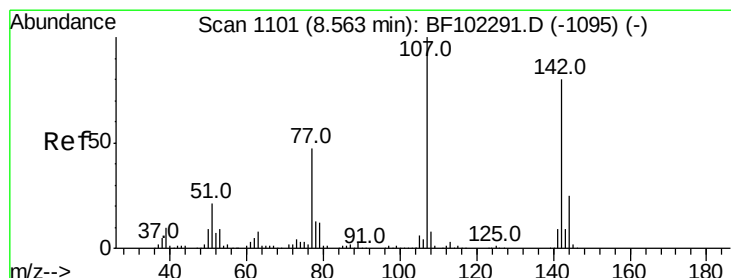
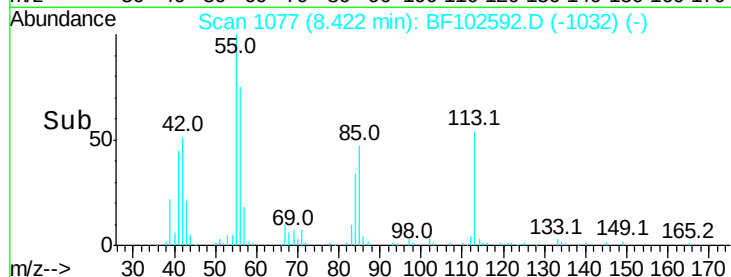
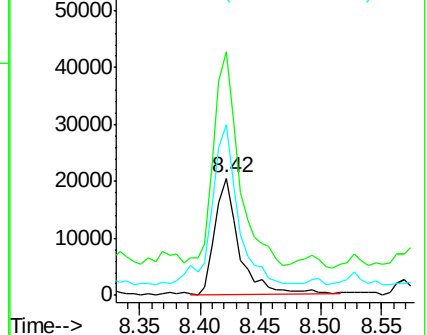
56 145.4 115.7 155.7



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: 9.287 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

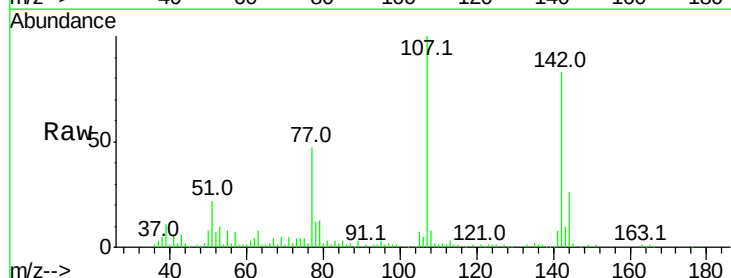
Tgt Ion:107 Resp: 89757

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

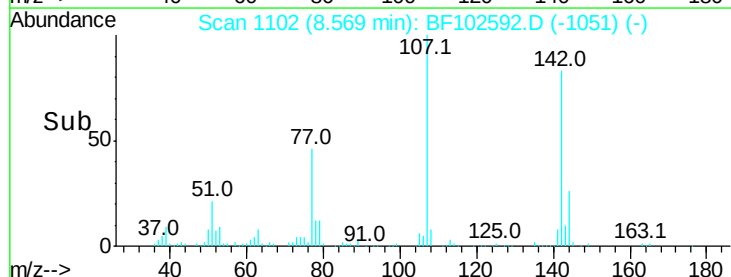
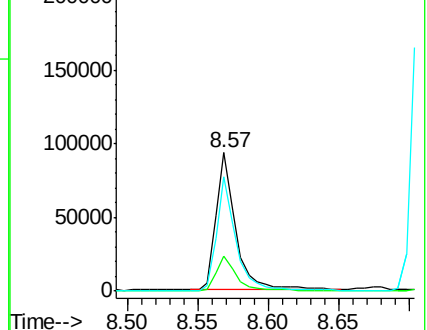
142 82.9 62.0 93.0

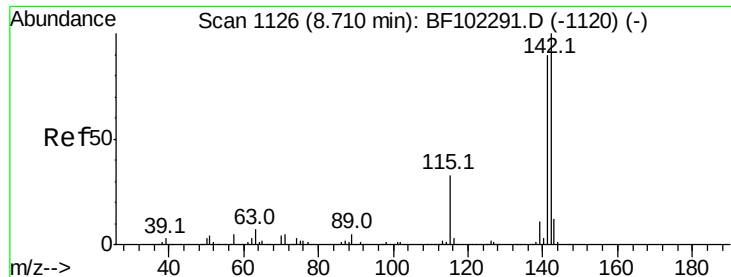


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

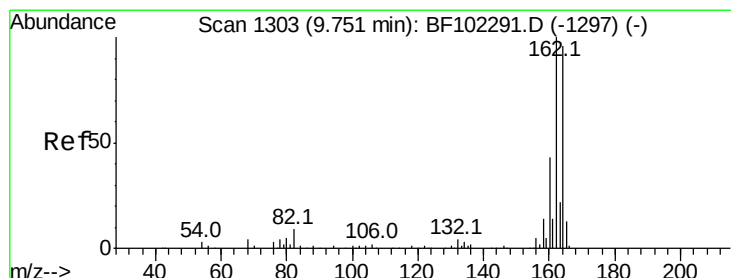
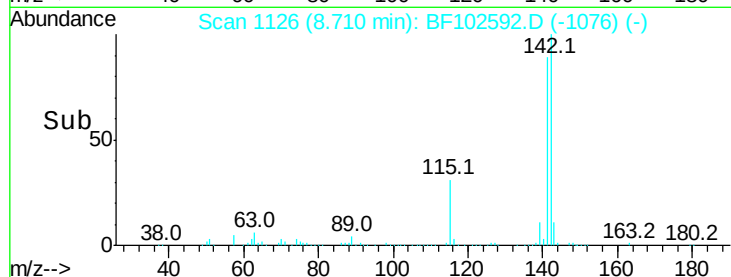
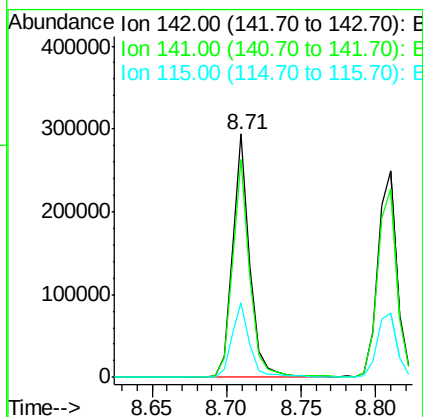
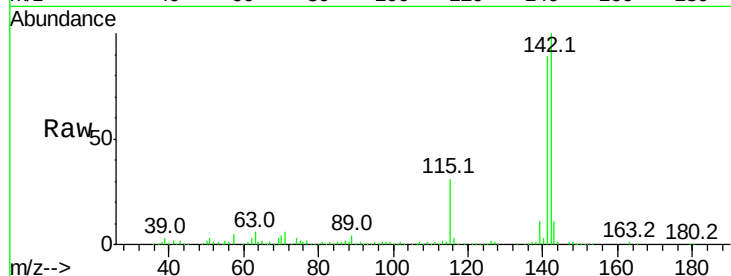




#37
2-Methylnaphthalene
Concen: 10.906 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

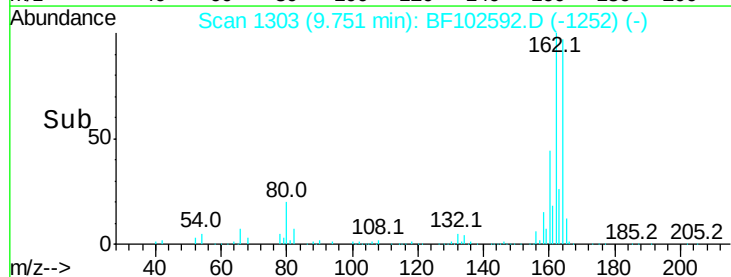
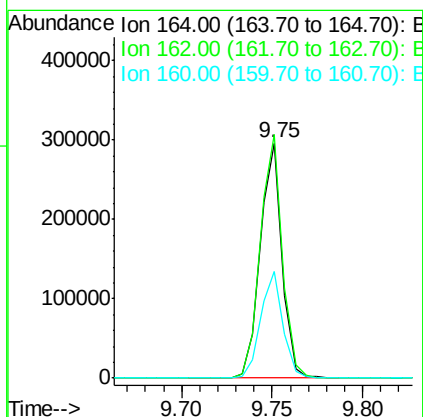
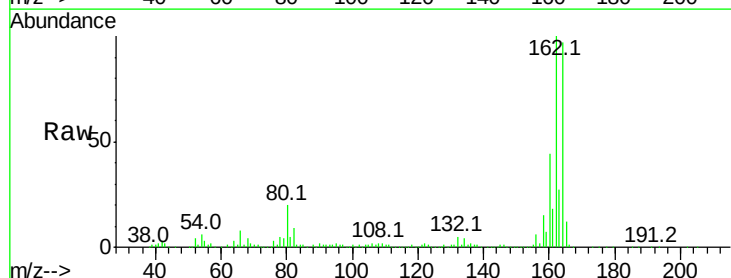
Instrument :
BNA_F
ClientSampleId :

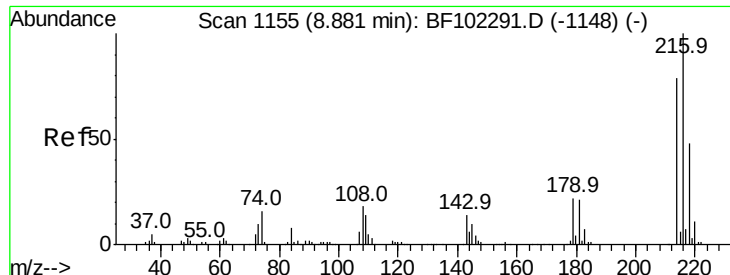
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	30.9	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.5	38.3	57.5

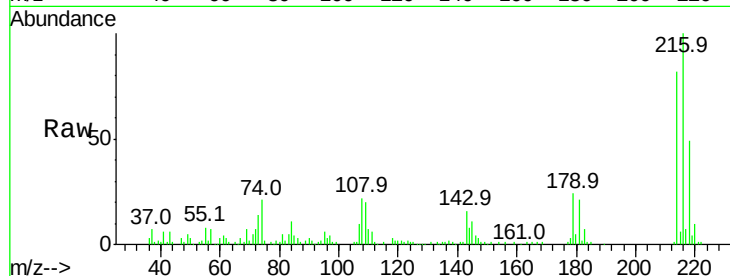




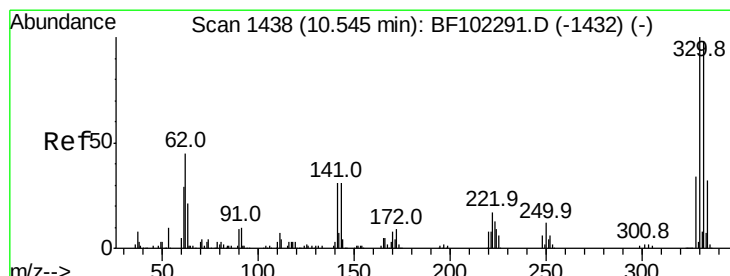
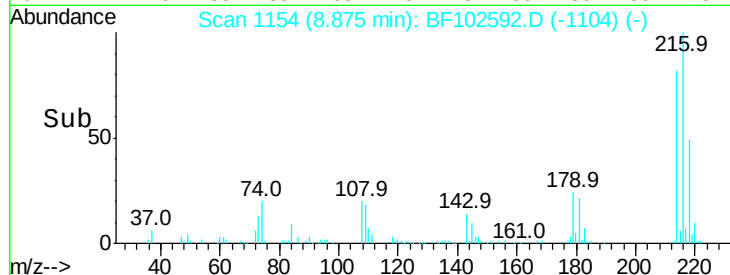
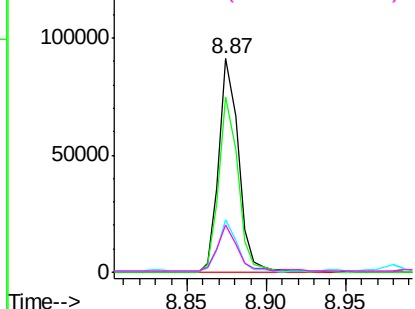
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.753 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	79744
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	24.1	18.1	27.1
108	22.1	17.2	25.8

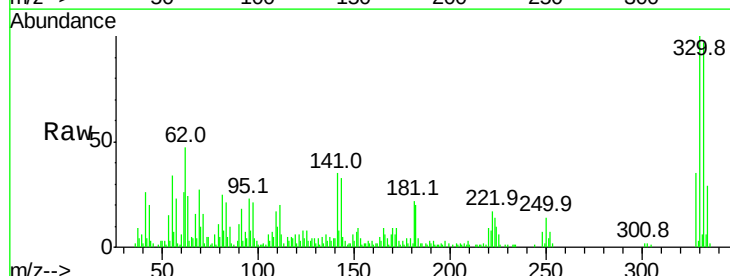


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

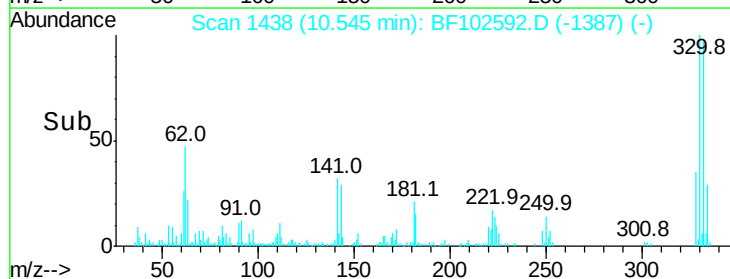
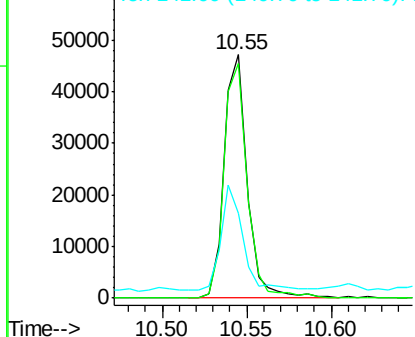


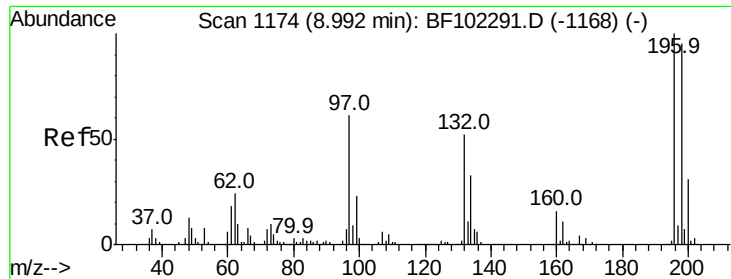
#41
 2,4,6-Tribromophenol
 Concen: 18.421 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

Tgt Ion:	330	Resp:	44990
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	41.0	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

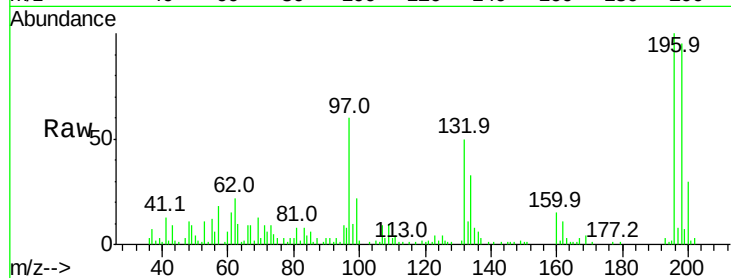




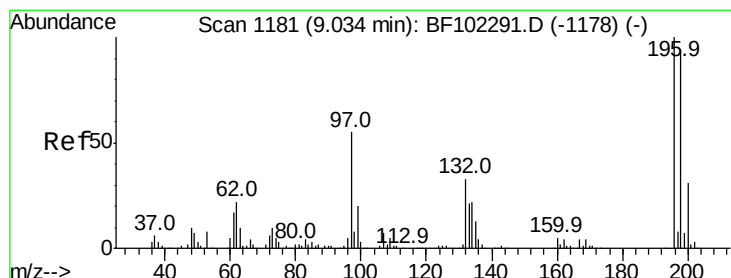
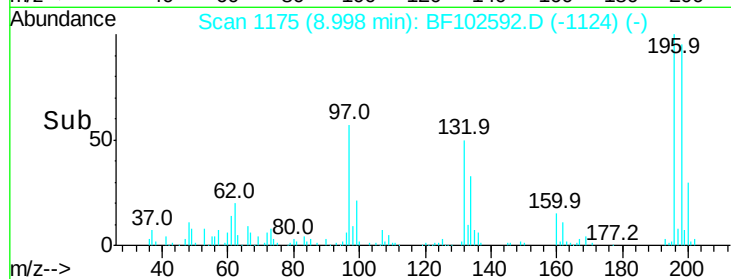
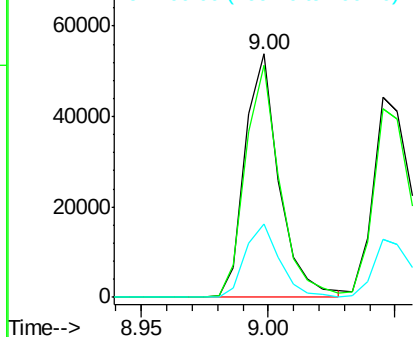
#42
 2,4,6-Trichlorophenol
 Concen: 10.211 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 50693
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.7 113.5
 200 30.3 24.5 36.7

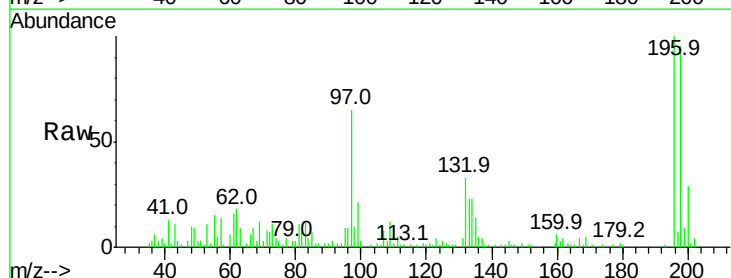


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

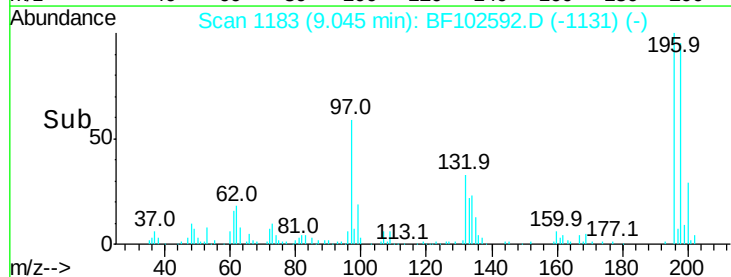
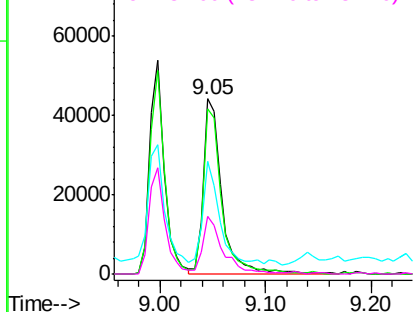


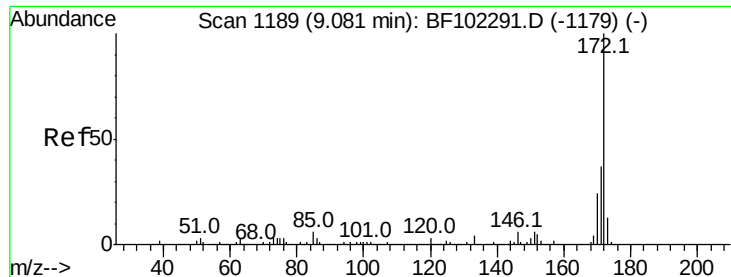
#43
 2,4,5-Trichlorophenol
 Concen: 9.728 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

Tgt Ion:196 Resp: 54376
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.6 112.0
 97 64.6 42.9 64.3#
 132 32.9 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

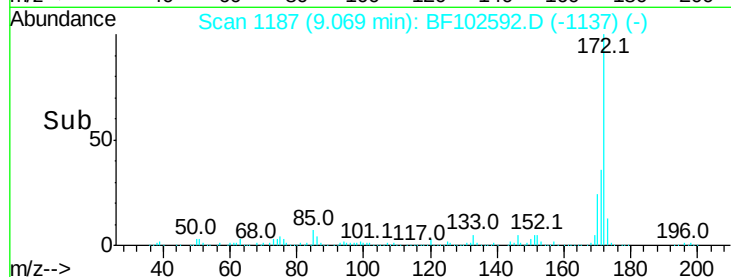
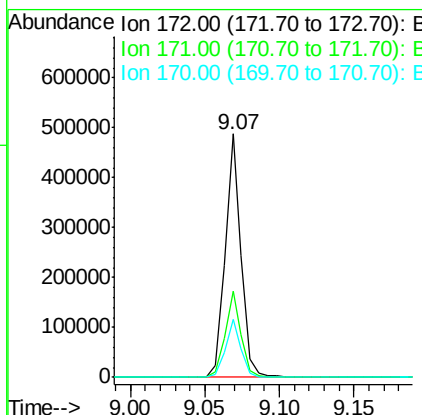
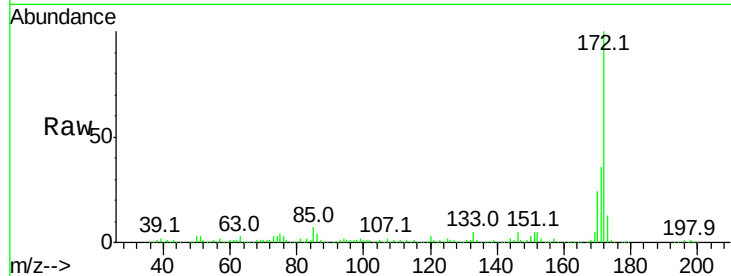




#44
 2-Fluorobiphenyl
 Concen: 21.907 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

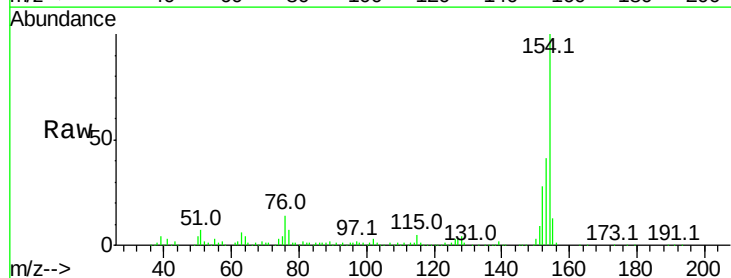
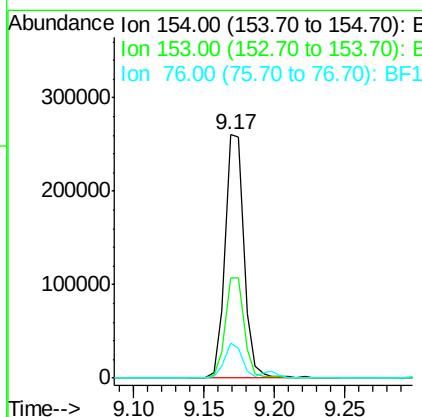
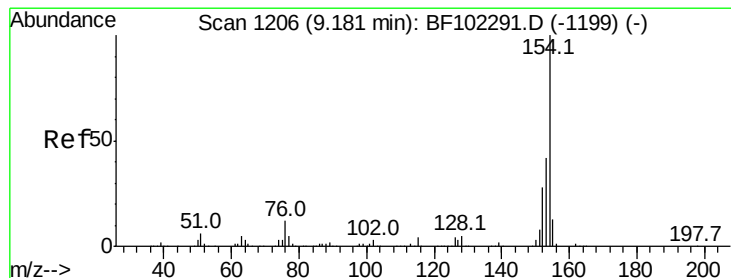
Instrument :
 BNA_F
 ClientSampleId :

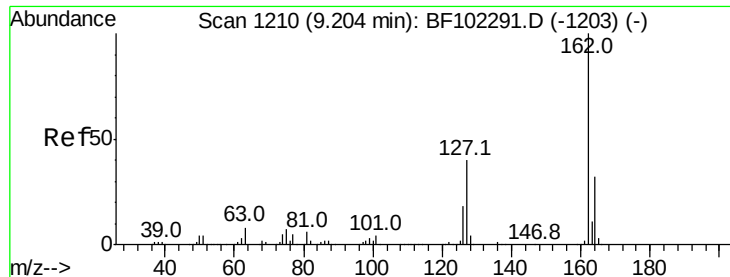
Tot Ion:172 Resp: 367252
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.9 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 11.160 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

Tgt Ion:154 Resp: 245972
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 14.4 0.0 34.0

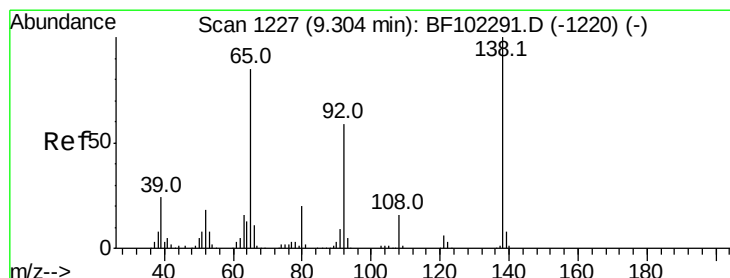
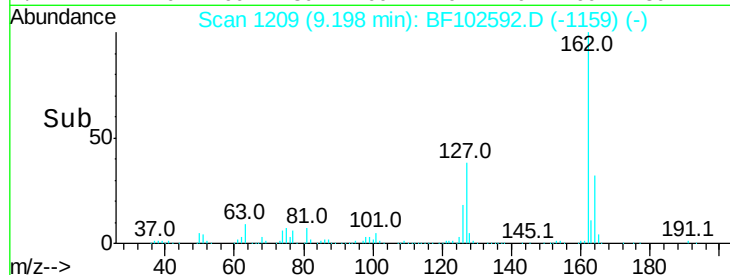
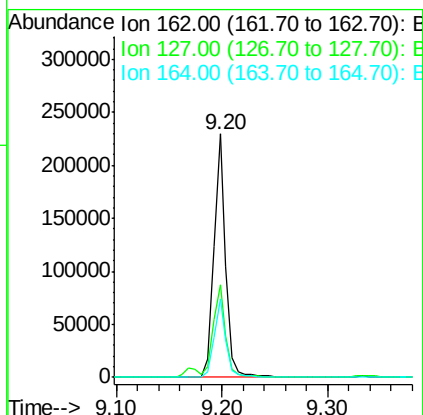
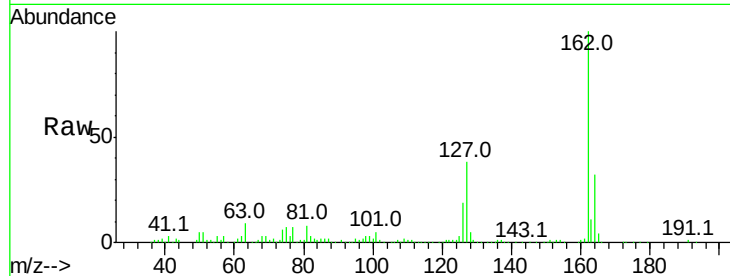




#46
 2-Chloronaphthalene
 Concen: 10.653 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

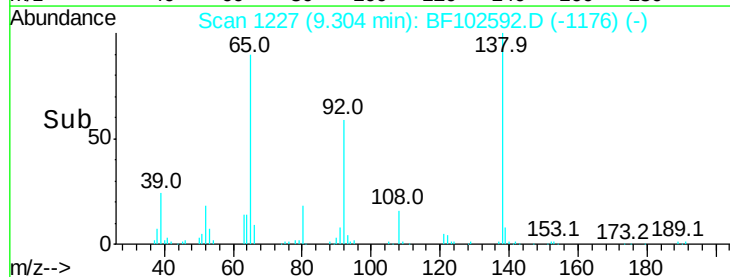
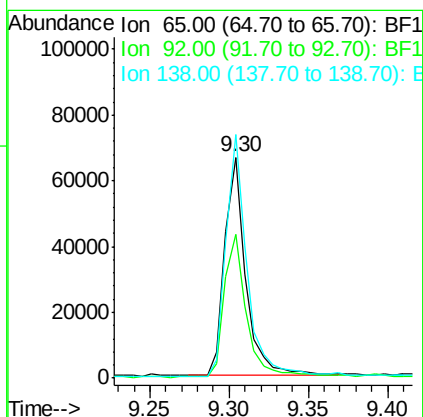
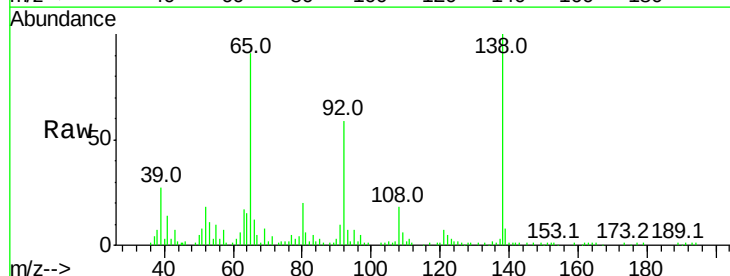
Instrument :
 BNA_F
 ClientSampleId :

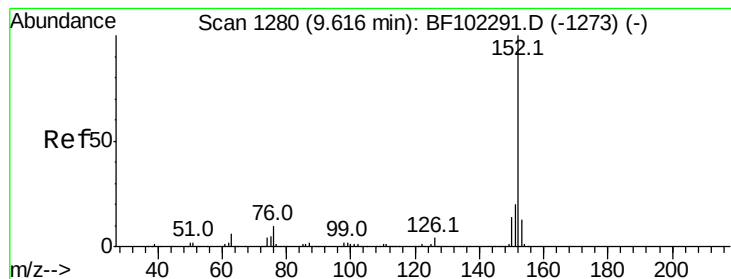
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	33.9	50.9
164	32.5	26.5	39.7



#47
 2-Nitroaniline
 Concen: 11.491 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.1	55.8	83.6
138	110.3	91.2	136.8





#48

Acenaphthylene

Concen: 10.224 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

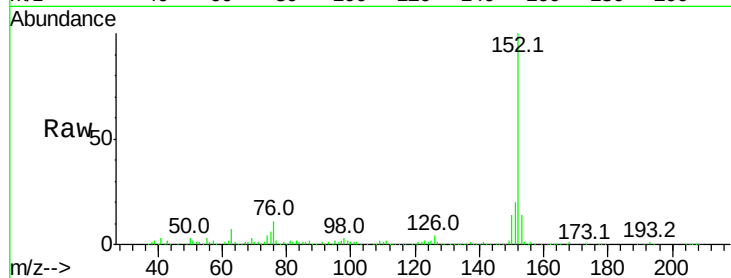
Tot Ion:152 Resp: 272878

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

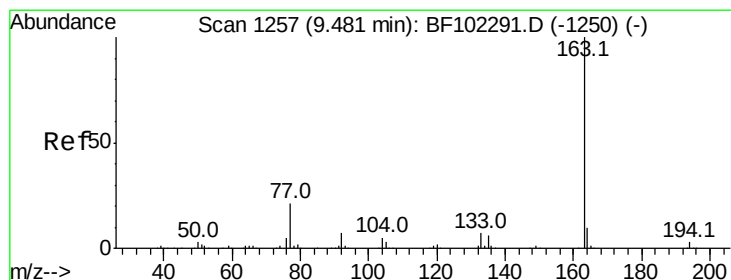
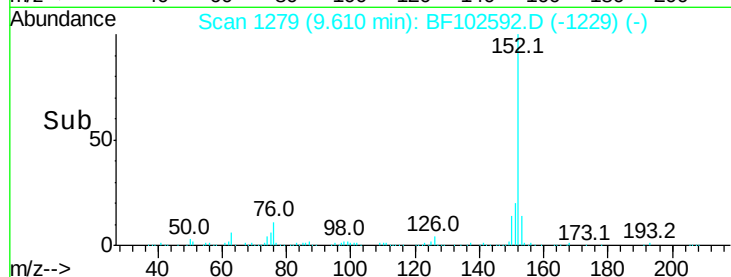
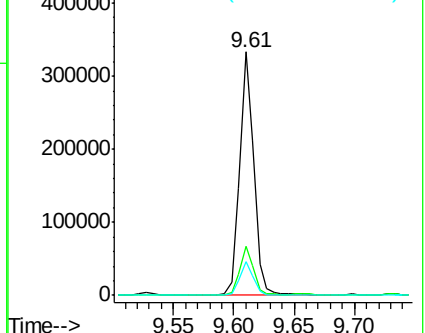
153 13.9 10.7 16.1



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: 13.589 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

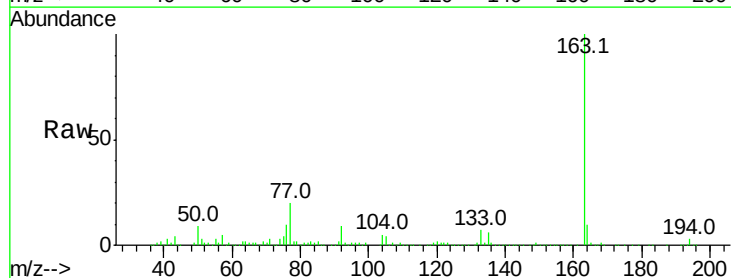
Tgt Ion:163 Resp: 276870

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

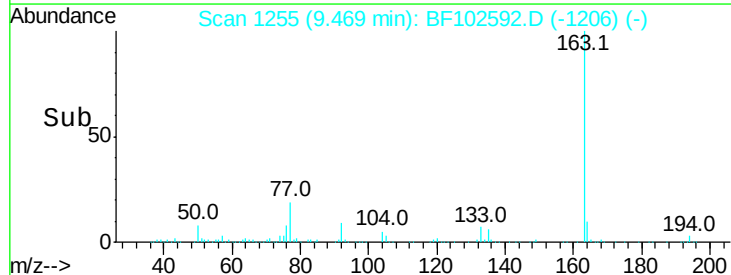
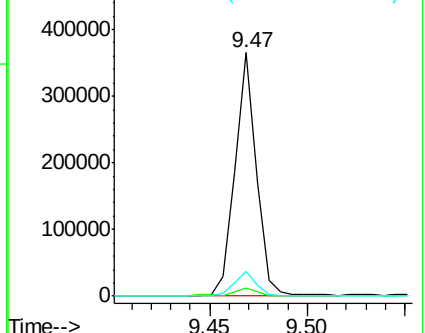
164 10.2 8.2 12.2

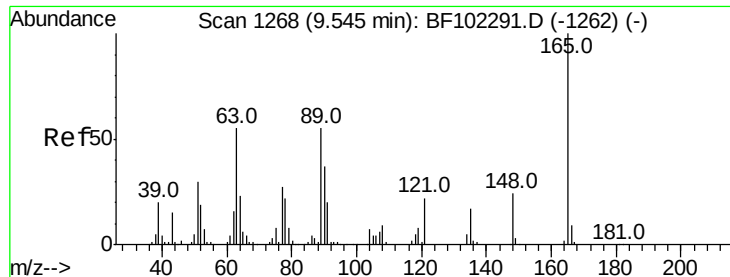


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

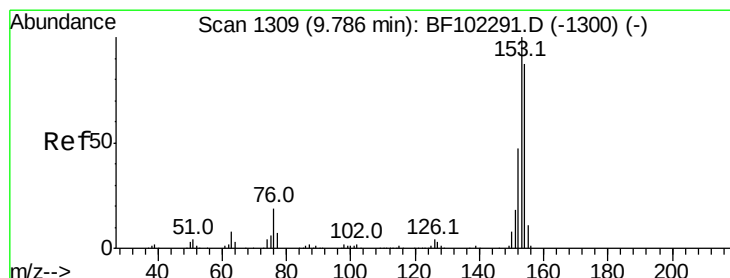
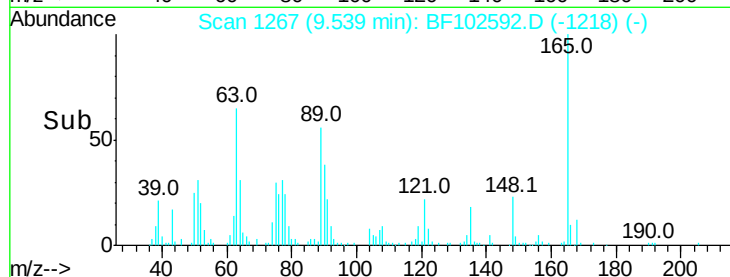
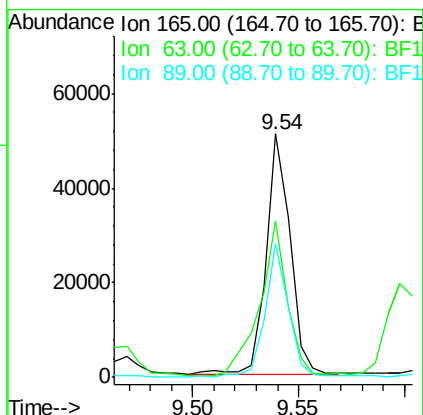
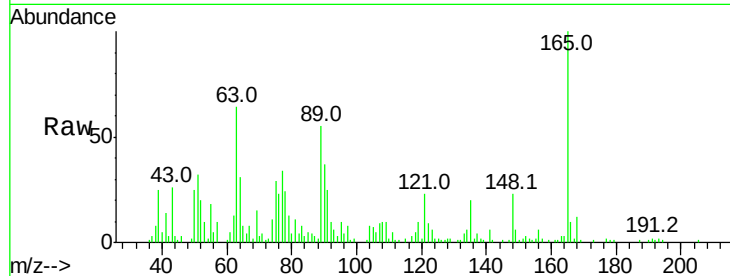




#50
2,6-Dinitrotoluene
Concen: 9.129 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

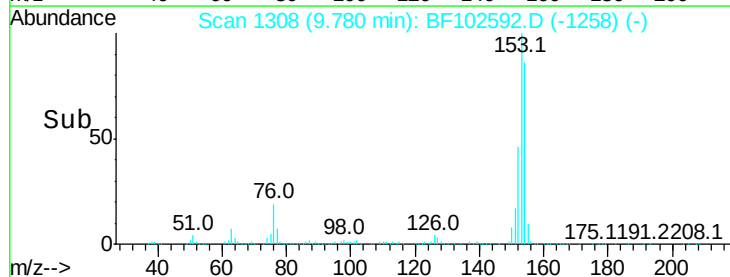
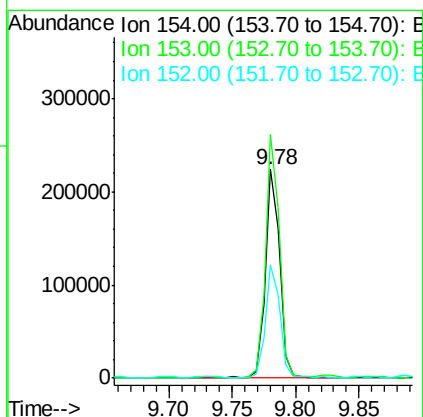
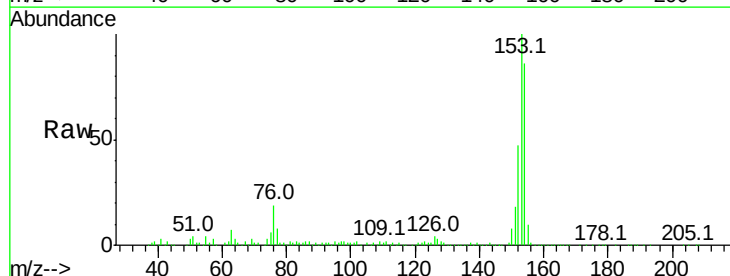
Instrument :
BNA_F
ClientSampleId :

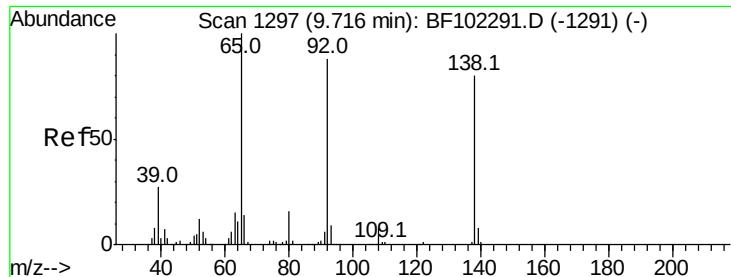
Tot Ion:165 Resp: 40102
Ion Ratio Lower Upper
165 100
63 64.4 44.7 67.1
89 54.8 44.0 66.0



#51
Acenaphthene
Concen: 11.541 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion:154 Resp: 179895
Ion Ratio Lower Upper
154 100
153 116.6 91.2 136.8
152 54.3 43.8 65.8

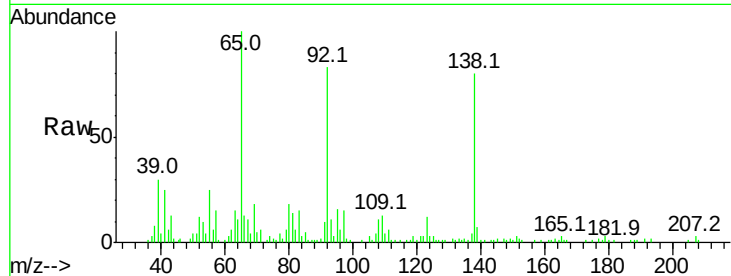




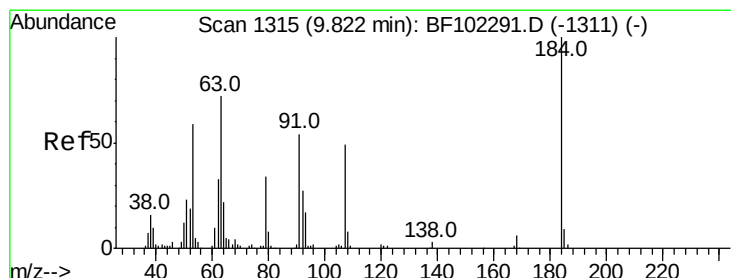
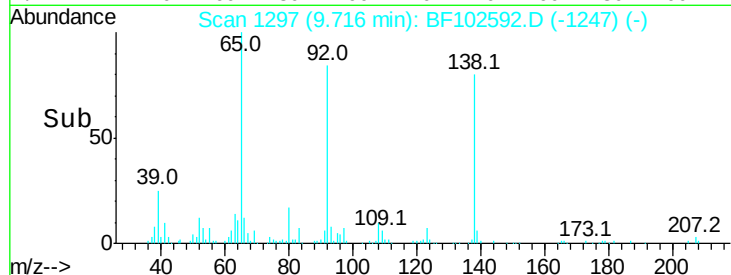
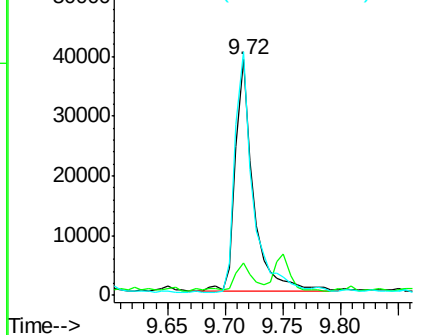
#52
3-Nitroaniline
Concen: 8.231 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 42774
Ion Ratio Lower Upper
138 100
108 14.0 9.4 14.0
92 103.3 89.4 134.2

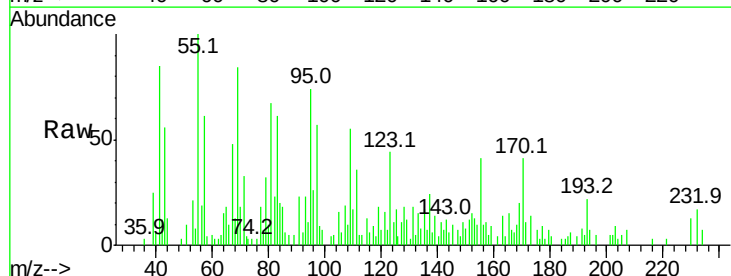


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

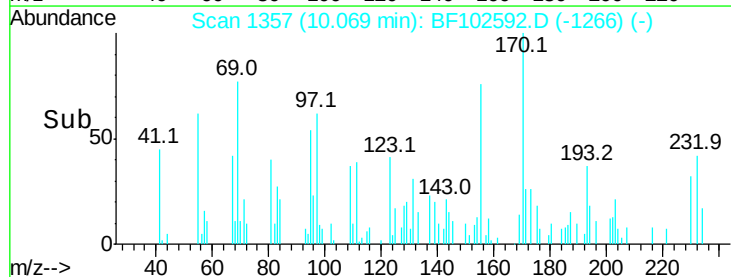
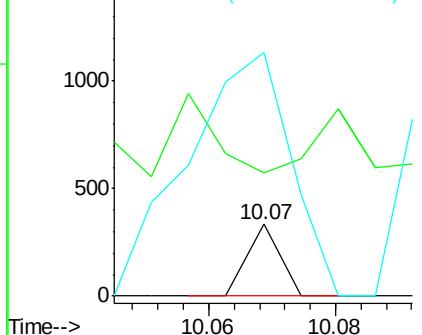


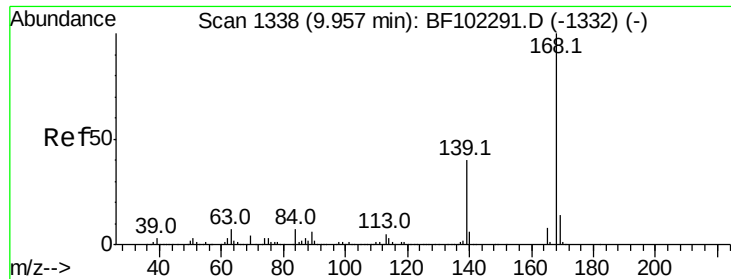
#53
2,4-Dinitrophenol
Concen: 3.753 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.24 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion:184 Resp: 118
Ion Ratio Lower Upper
184 100
63 172.5 54.2 81.2#
154 338.9 184.0 276.0#



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

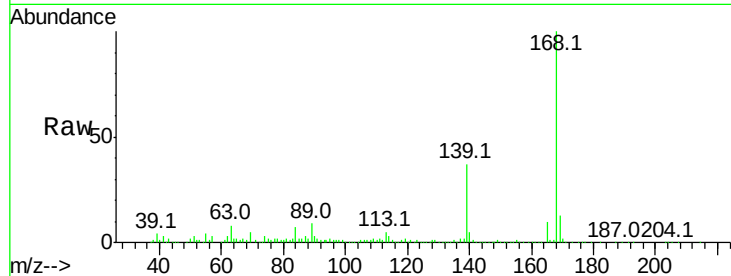




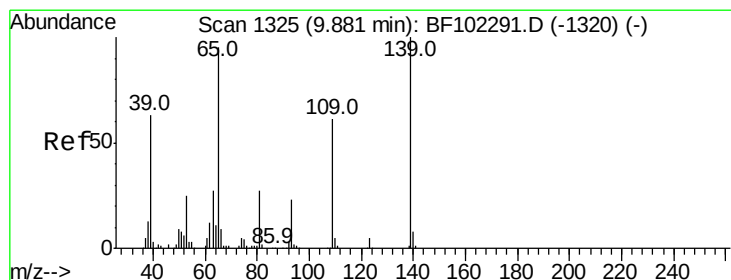
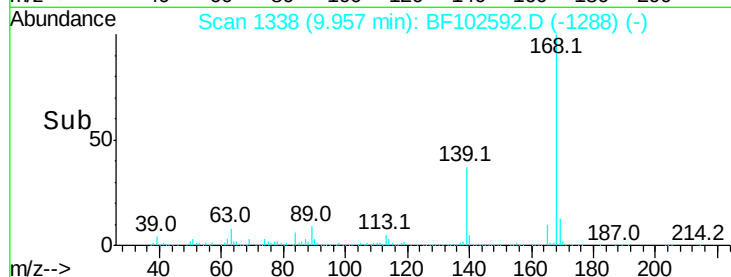
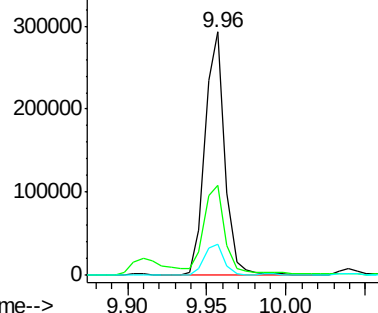
#54
Dibenzenofuran
Concen: 12.055 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	12.8	10.9	16.3

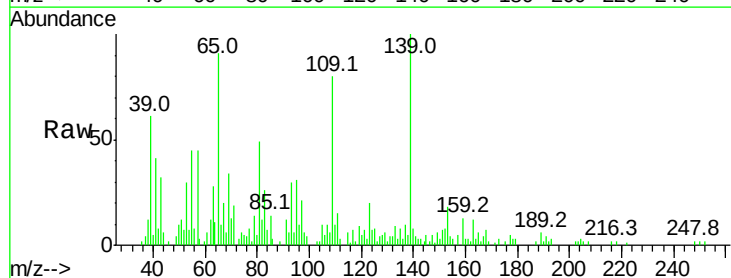


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

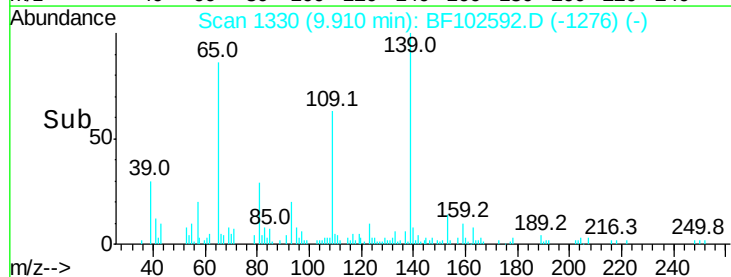
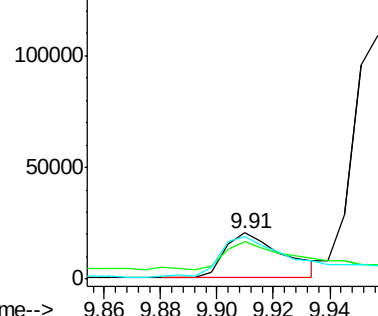


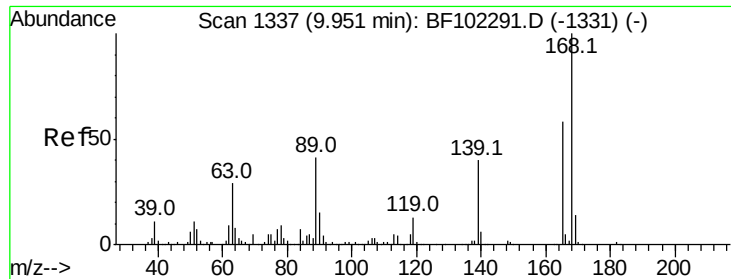
#55
4-Nitrophenol
Concen: 8.432 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.9	48.4	88.4
65	91.1	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

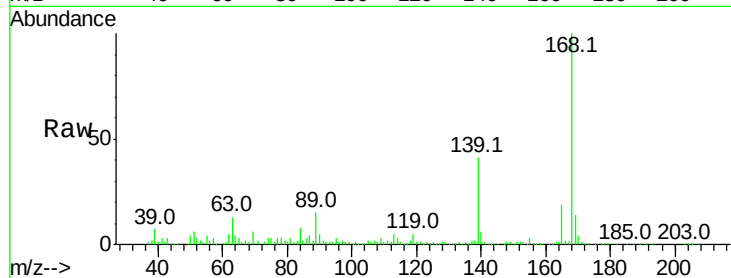




#56
 2,4-Dinitrotoluene
 Concen: 7.332 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	72.2	36.4	54.6#
89	81.1	57.8	86.6
182	2.1	1.6	2.4

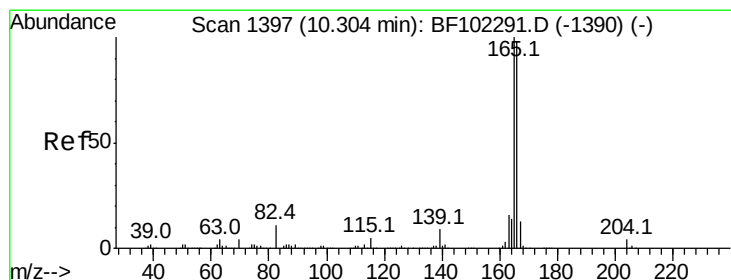
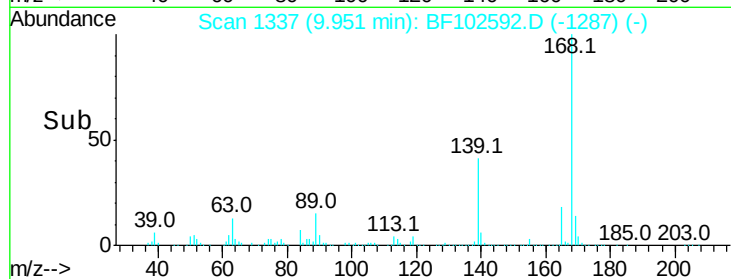
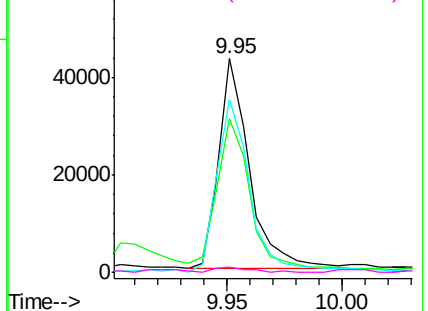


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

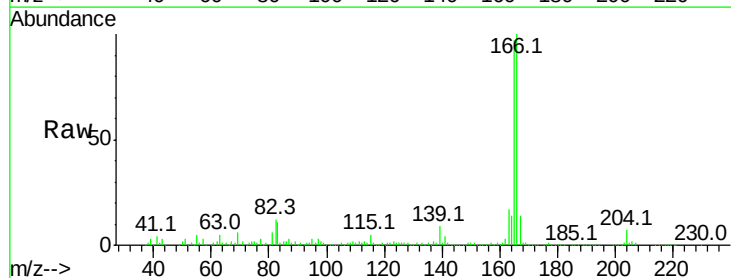
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 13.262 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

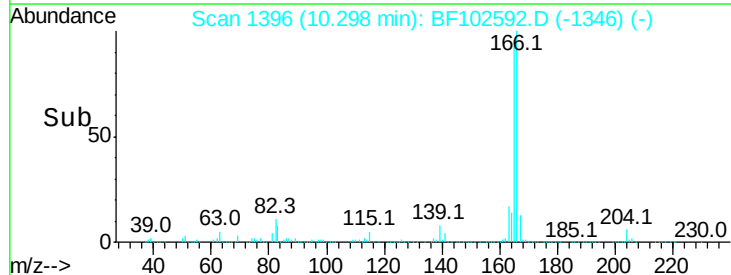
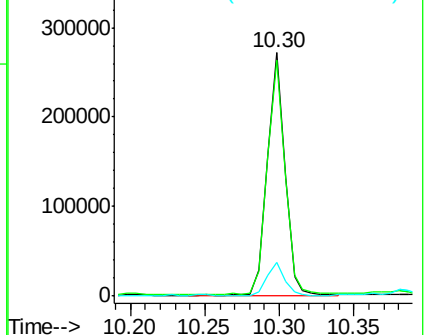
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.8	119.8
167	13.7	10.6	16.0

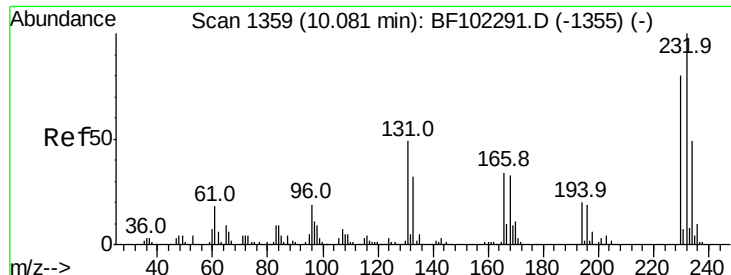


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

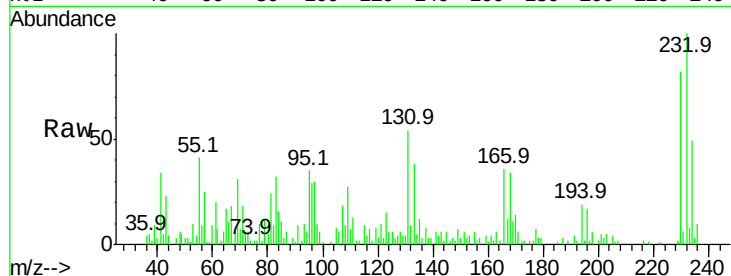




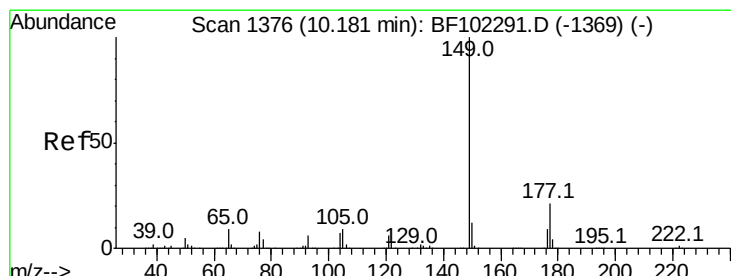
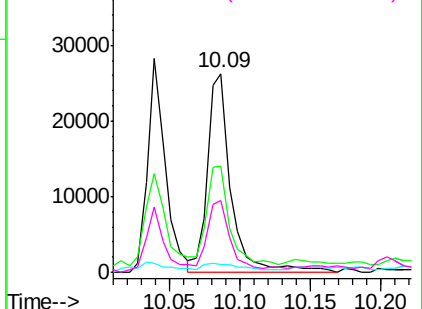
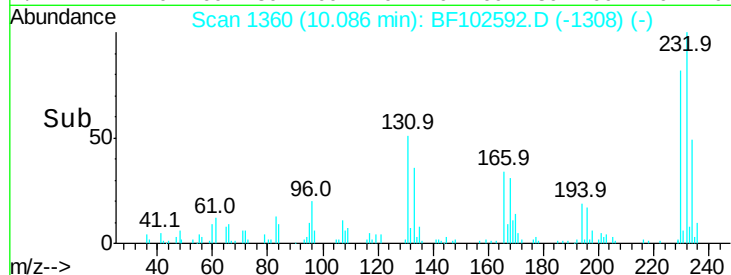
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.593 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 30304
 Ion Ratio Lower Upper
 232 100
 131 50.0 43.8 65.8
 130 4.7 2.1 3.1#
 166 32.5 27.8 41.6

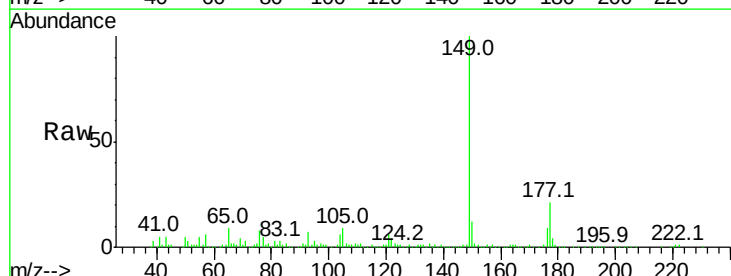


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

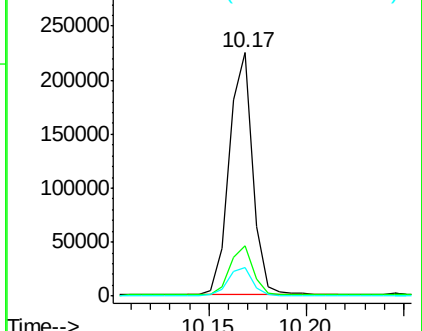
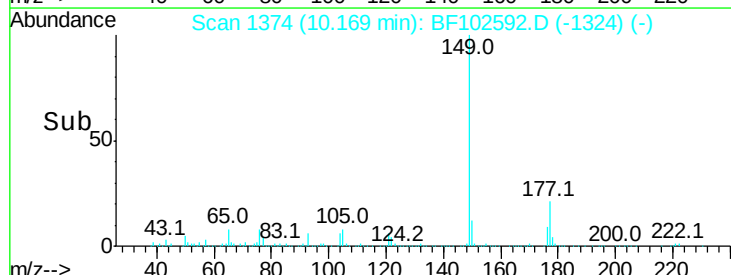


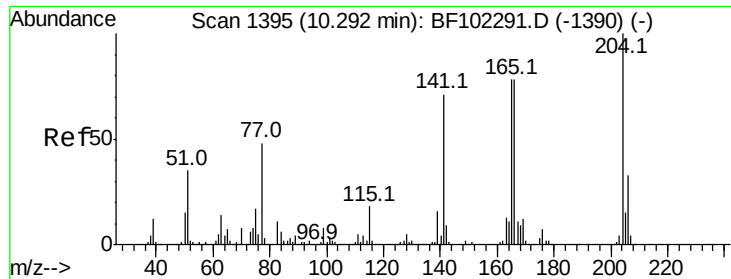
#59
 Diethylphthalate
 Concen: 9.428 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

Tgt Ion:149 Resp: 186666
 Ion Ratio Lower Upper
 149 100
 177 20.9 16.1 24.1
 150 11.8 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

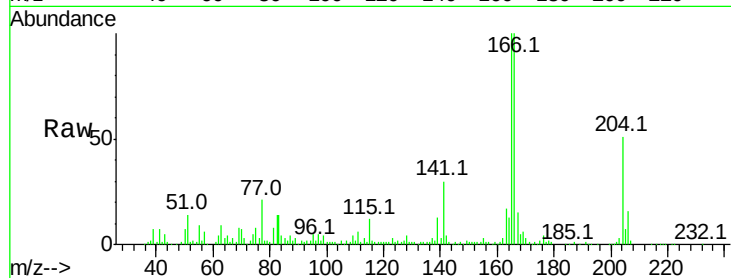




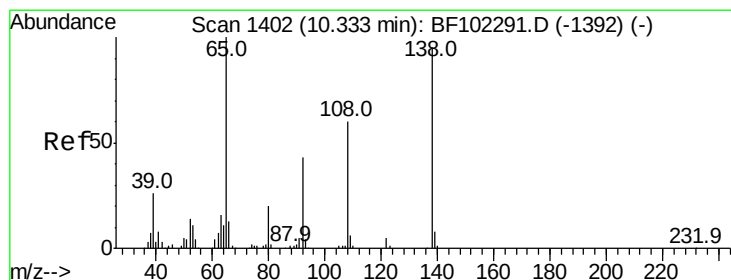
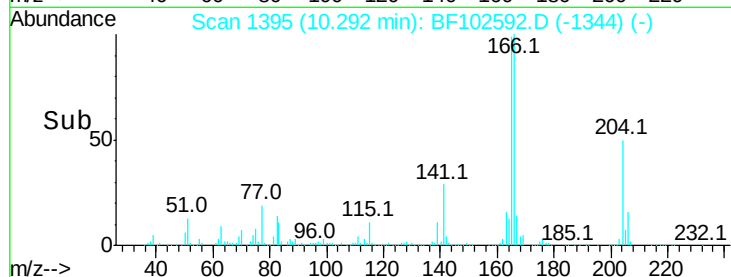
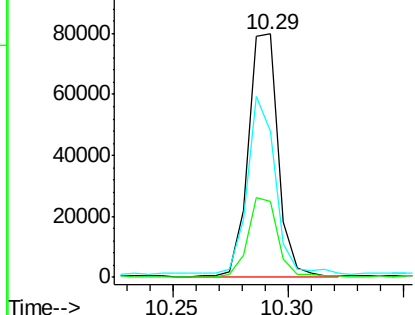
#60
4-Chlorophenyl-phenylether
Concen: 10.120 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 73347
Ion Ratio Lower Upper
204 100
206 31.4 26.5 39.7
141 60.3 54.6 81.8

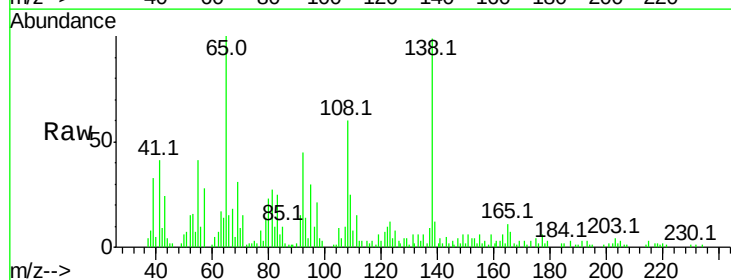


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

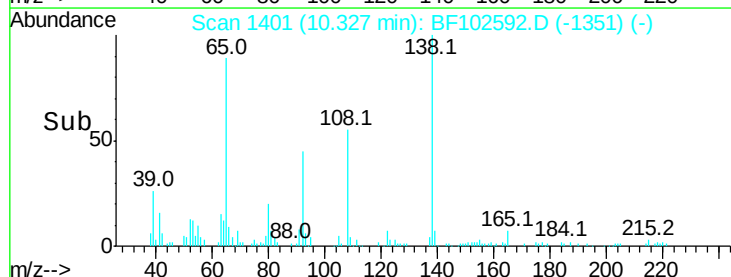
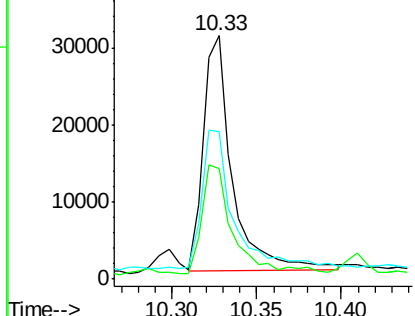


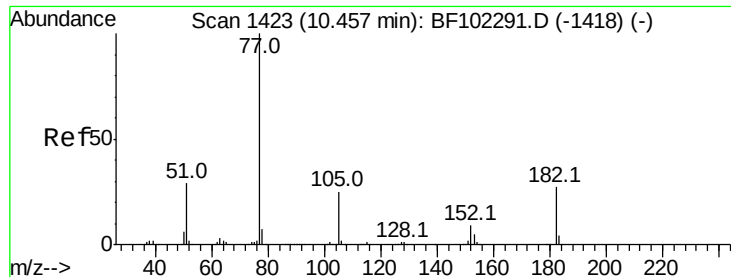
#61
4-Nitroaniline
Concen: 7.073 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion:138 Resp: 36674
Ion Ratio Lower Upper
138 100
92 45.3 30.2 70.2
108 60.7 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: 8.862 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 160634

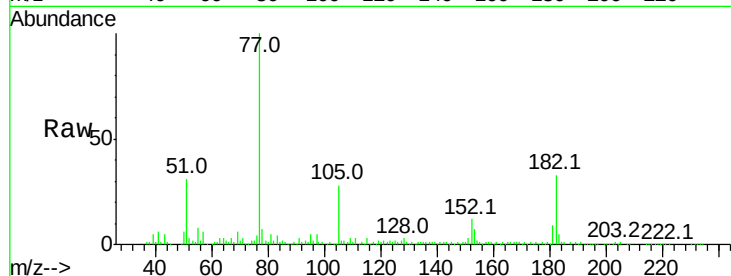
Ion Ratio Lower Upper

77 100

182 33.0 1.7 41.7

105 28.0 3.0 43.0

51 30.7 9.9 49.9

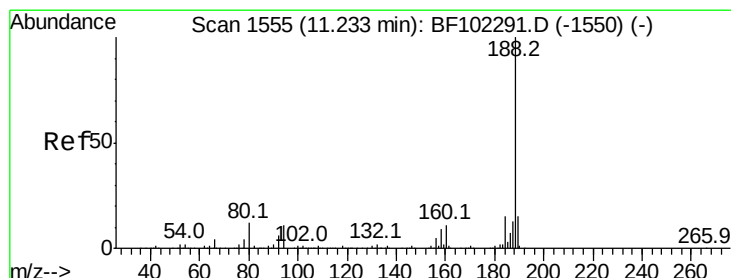
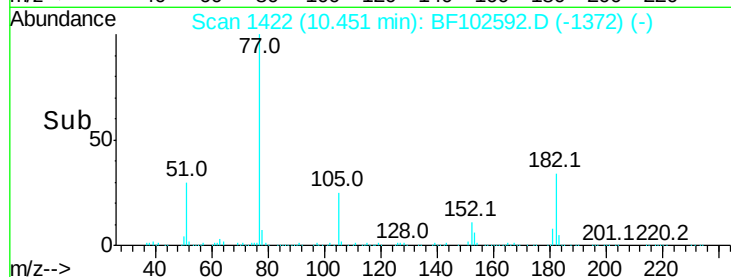
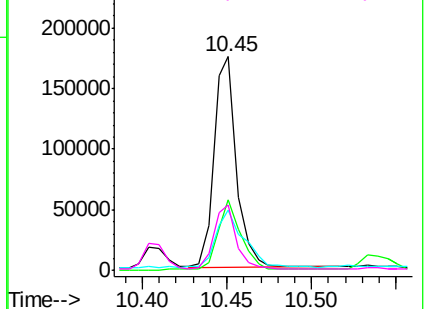


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

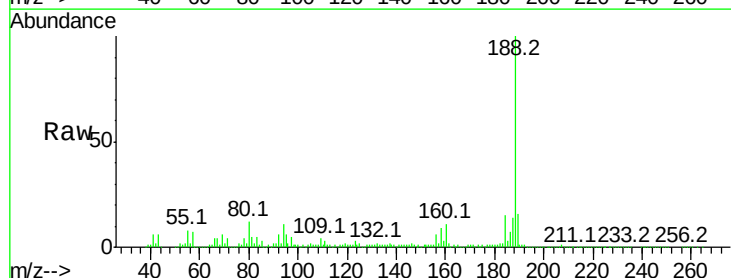
Tgt Ion: 188 Resp: 332951

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

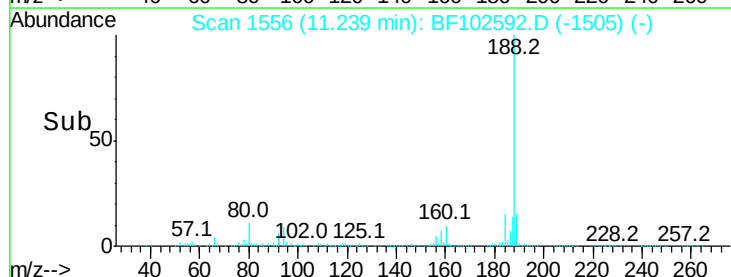
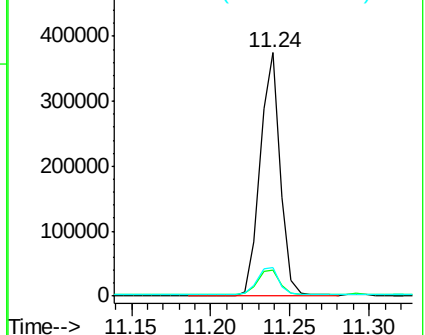
80 12.0 9.2 13.8

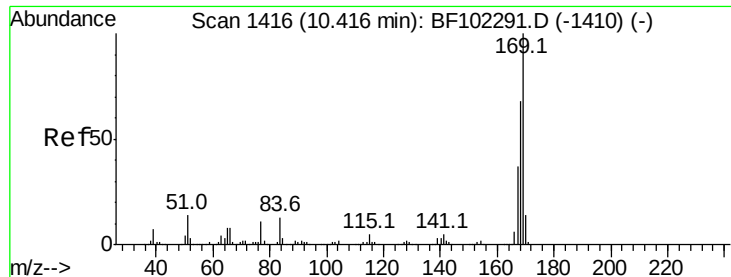


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

n-Nitrosodiphenylamine

Concen: 11.844 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

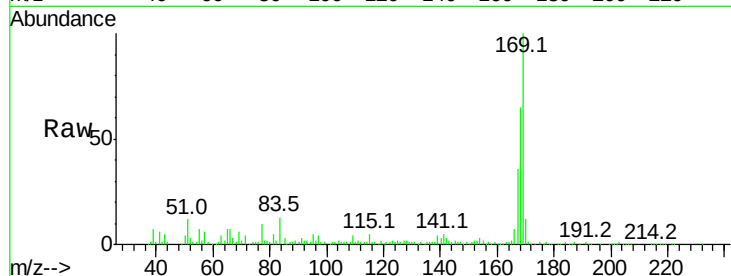
Tot Ion:169 Resp: 144736

Ion Ratio Lower Upper

169 100

168 65.2 54.4 81.6

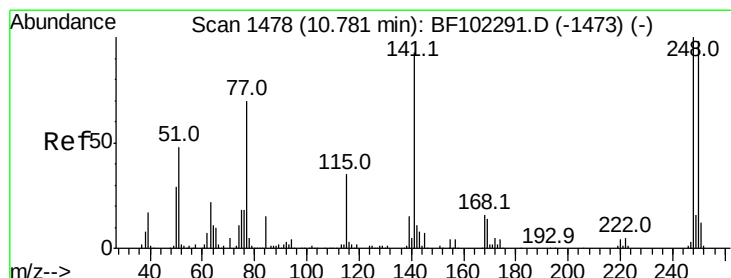
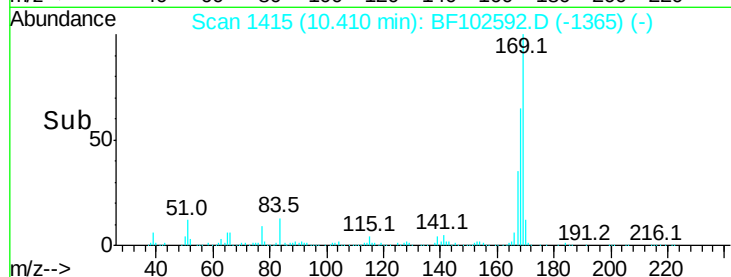
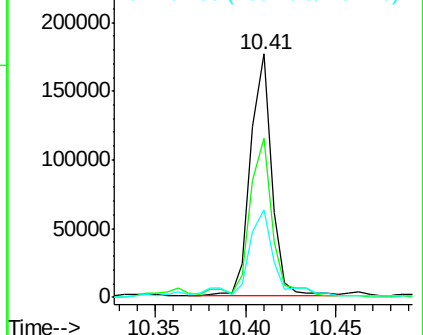
167 35.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 11.009 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

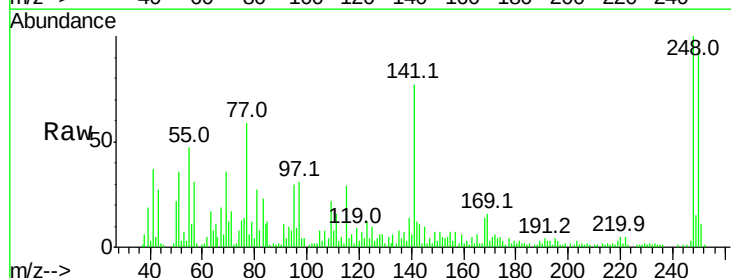
Tgt Ion:248 Resp: 39458

Ion Ratio Lower Upper

248 100

250 93.5 76.9 115.3

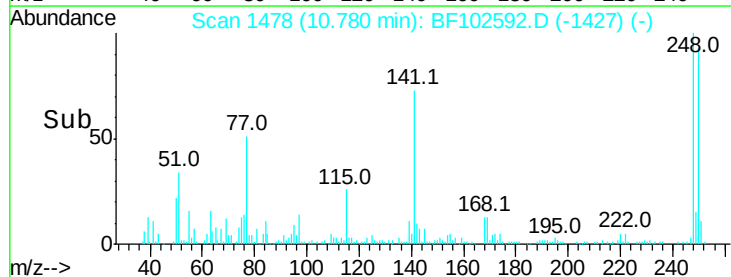
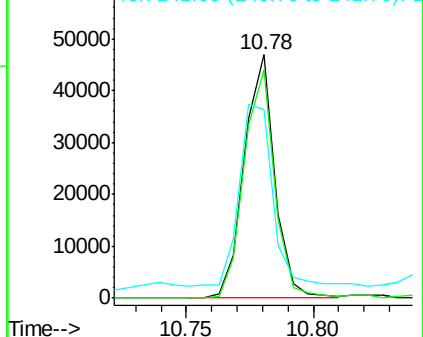
141 77.2 74.4 111.6

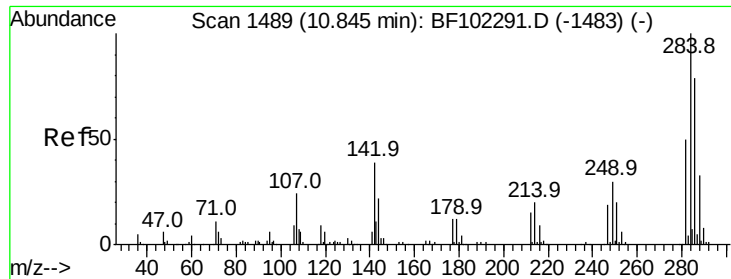


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

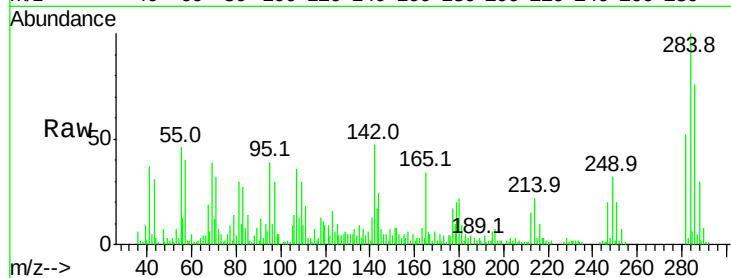




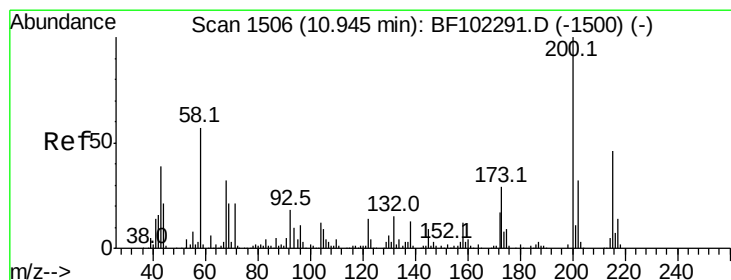
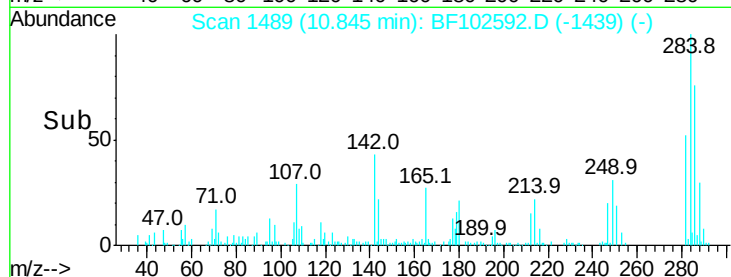
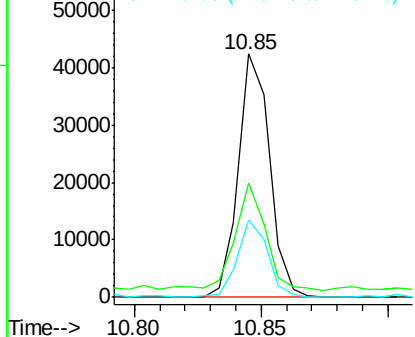
#67
Hexachlorobenzene
Concen: 9.091 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 36442
Ion Ratio Lower Upper
284 100
142 47.2 34.6 52.0
249 31.8 24.8 37.2

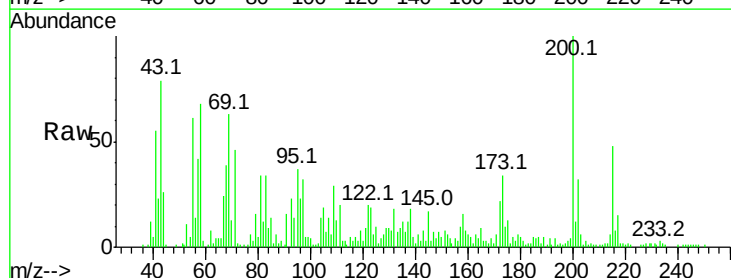


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

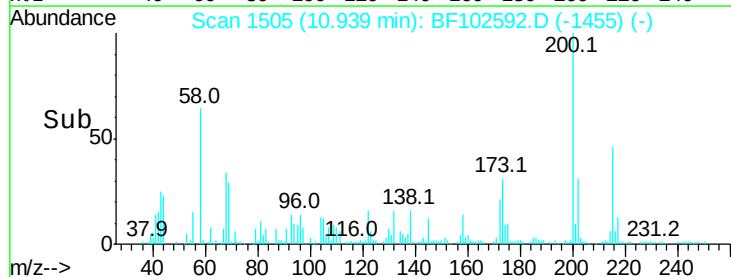
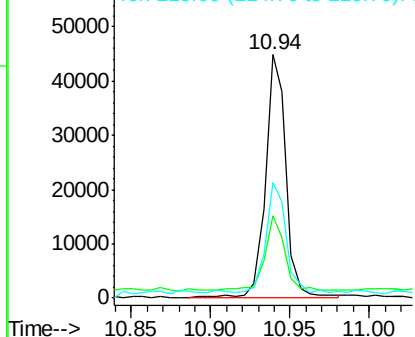


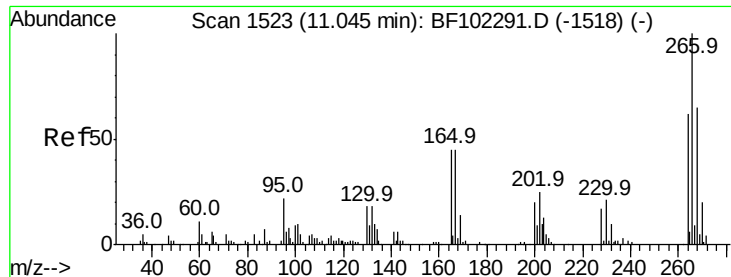
#68
Atrazine
Concen: 11.366 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion:200 Resp: 41023
Ion Ratio Lower Upper
200 100
173 33.8 8.6 48.6
215 47.6 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

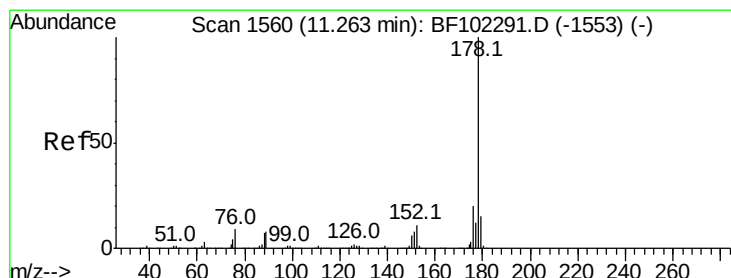
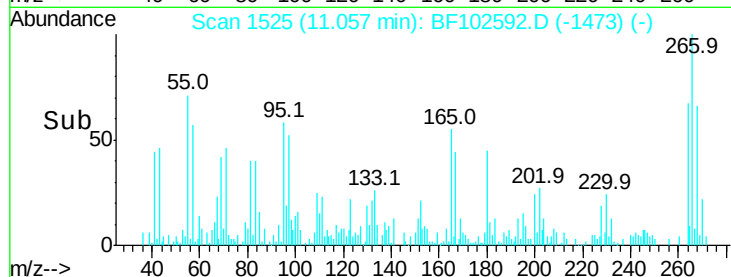
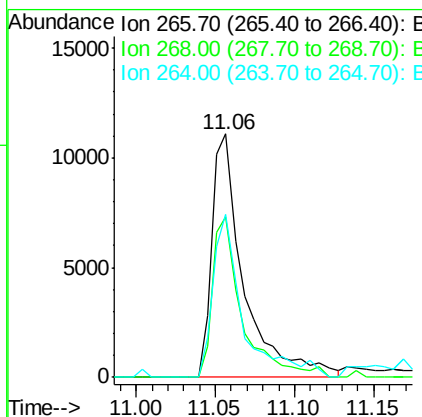
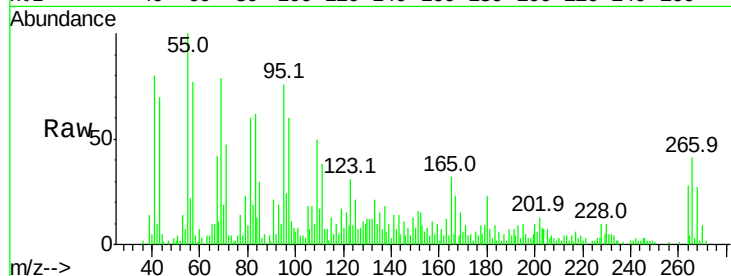




#69
 Pentachlorophenol
 Concen: 7.408 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

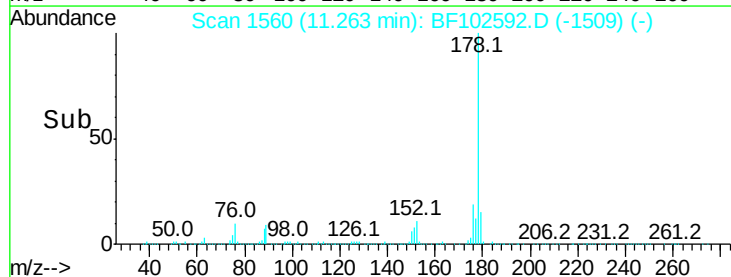
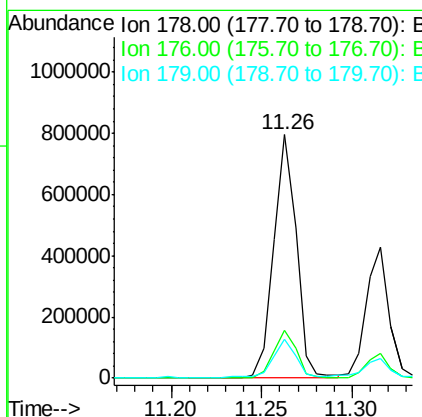
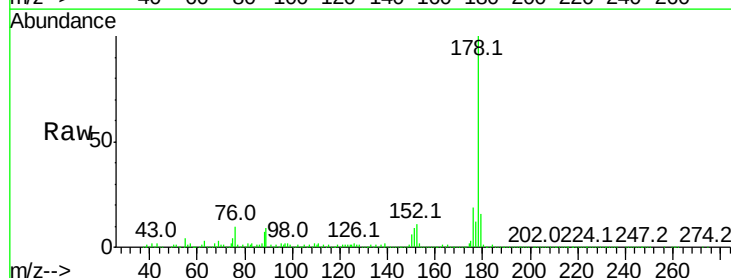
Instrument :
 BNA_F
 ClientSampled :

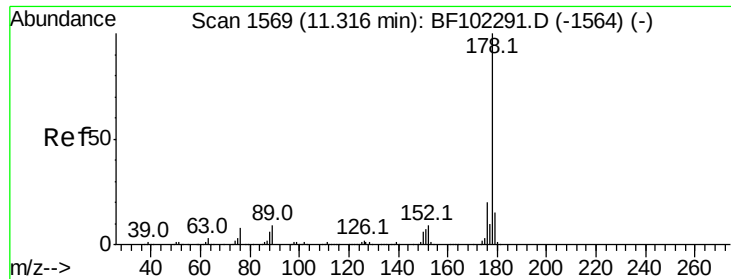
Tot Ion:266 Resp: 15599
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.1 76.7
 264 67.0 49.5 74.3



#70
 Phenanthrene
 Concen: 35.263 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102592.D
 Acq: 29 Jan 2018 12:47

Tgt Ion:178 Resp: 684168
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.8 13.0 19.6





#71

Anthracene

Concen: 18.936 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

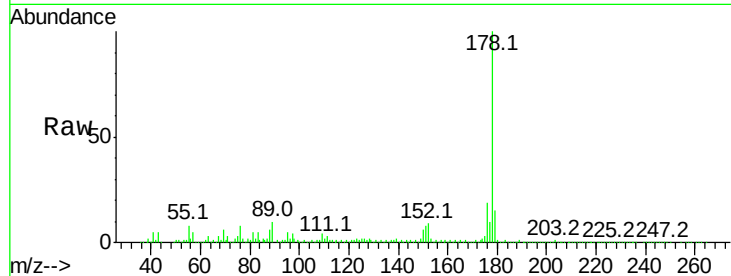
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 374986

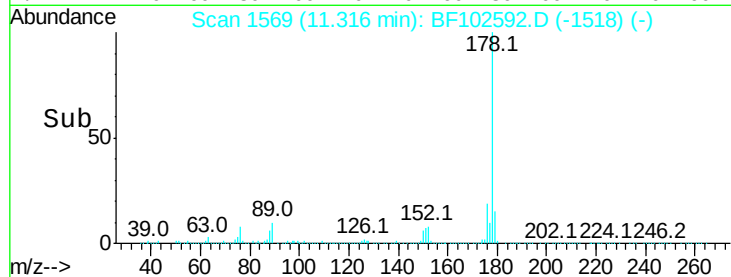
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.0	12.6	19.0



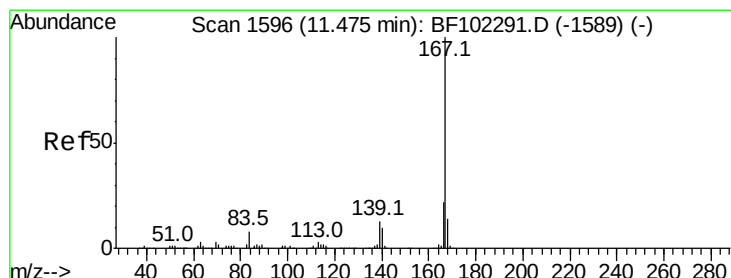
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.25 11.30 11.35 11.40



#72

Carbazole

Concen: 10.766 ng

RT: 11.47 min Scan# 1596

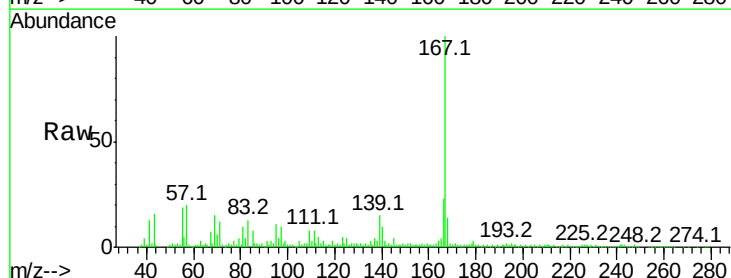
Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Tgt Ion:167 Resp: 207991

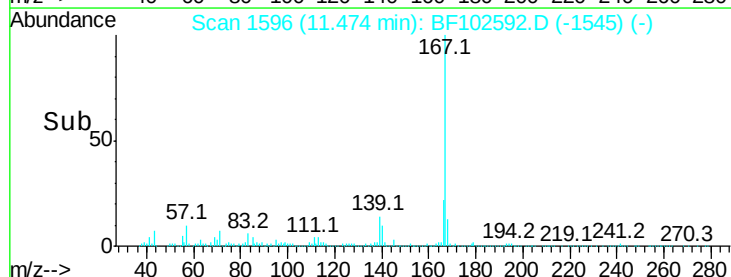
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.6	10.9	16.3



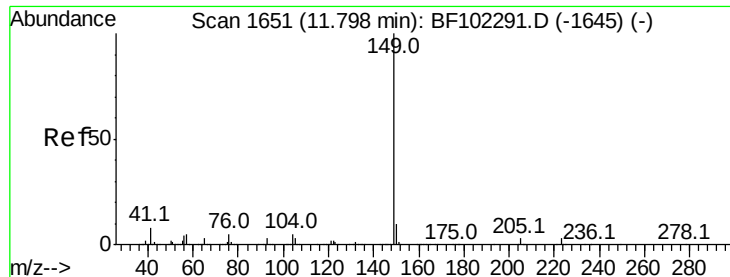
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 11.40 11.45 11.50 11.55



#73

Di-n-butylphthalate

Concen: 10.057 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

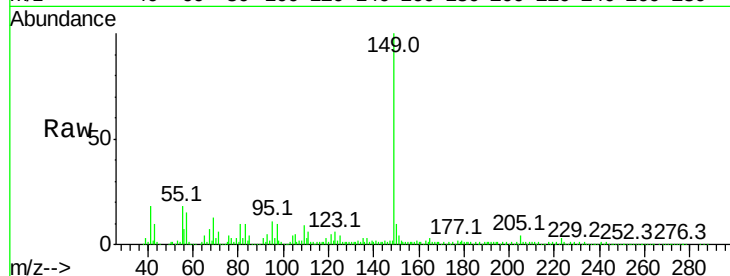
Tot Ion:149 Resp: 242864

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

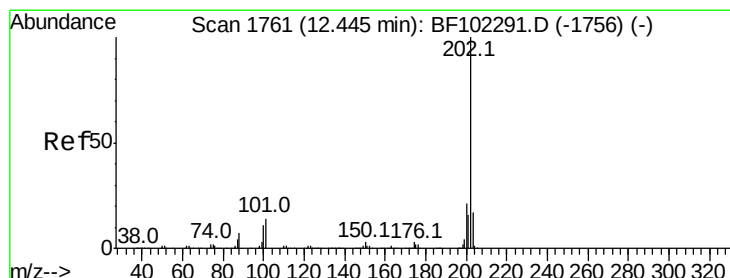
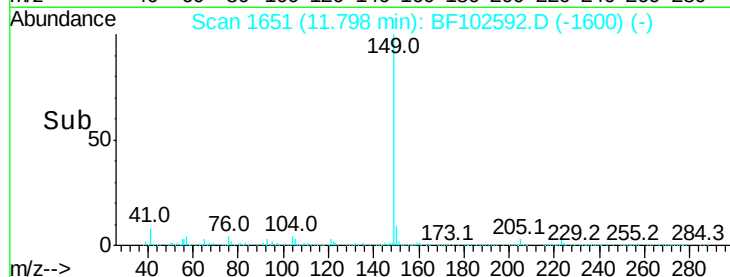
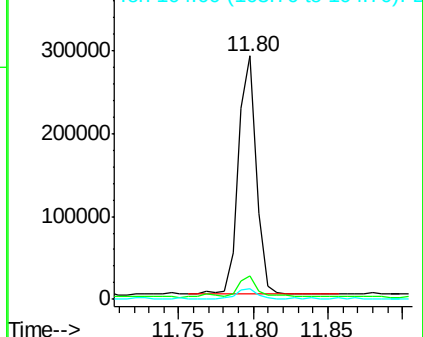
104 4.4 3.8 5.8



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: 41.557 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

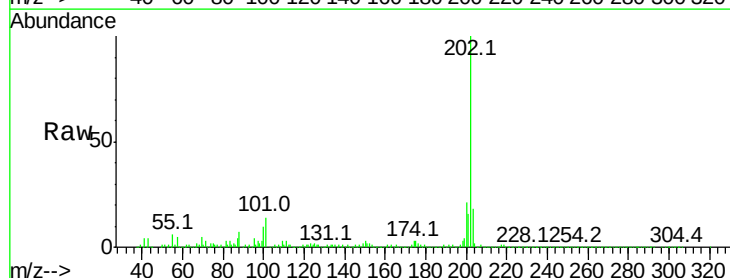
Tgt Ion:202 Resp: 822202

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

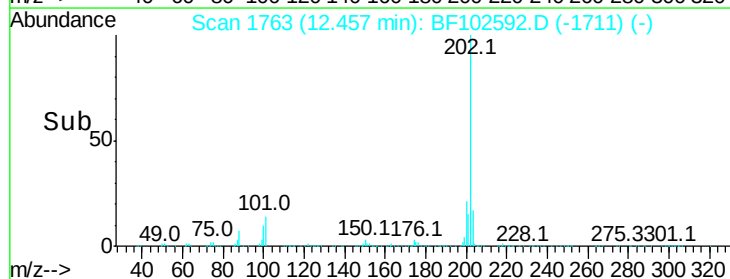
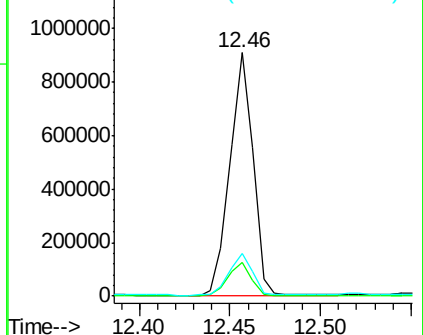
203 17.8 0.0 38.1

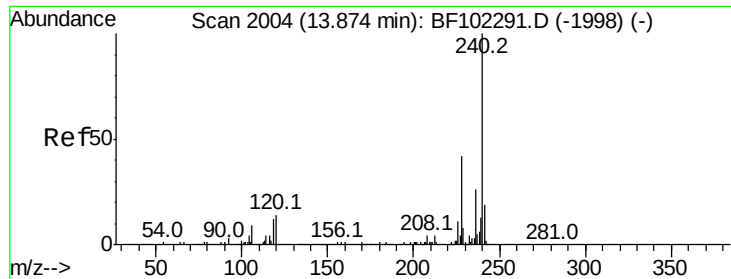


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

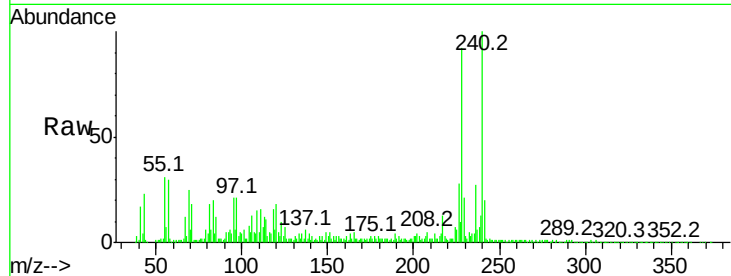
Tot Ion:240 Resp: 233815

Ion Ratio Lower Upper

240 100

120 18.1 9.5 14.3#

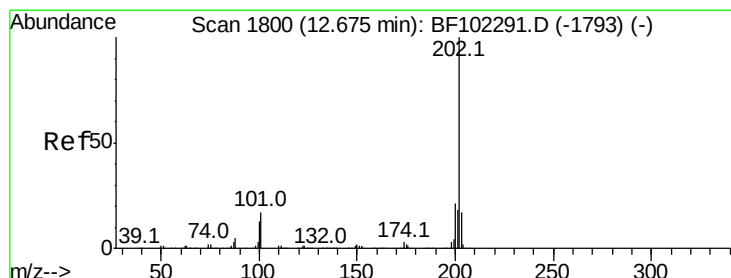
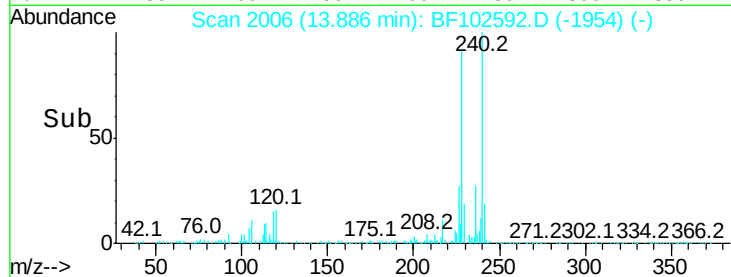
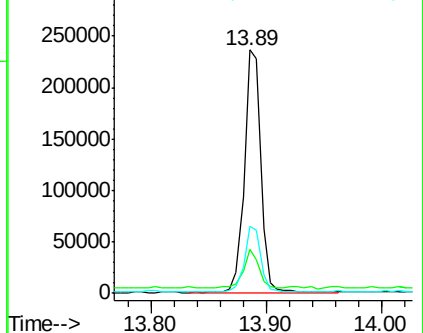
236 27.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 40.871 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

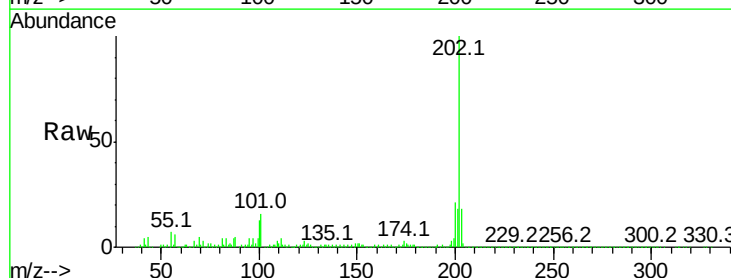
Tgt Ion:202 Resp: 738853

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

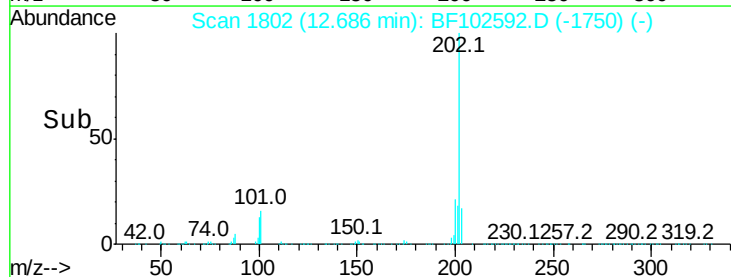
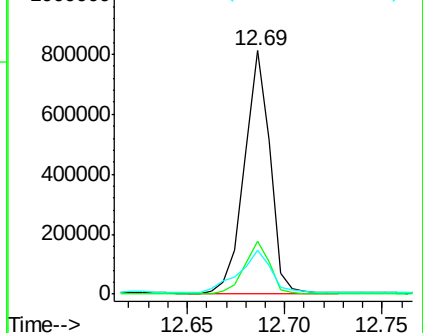
203 17.8 14.3 21.5

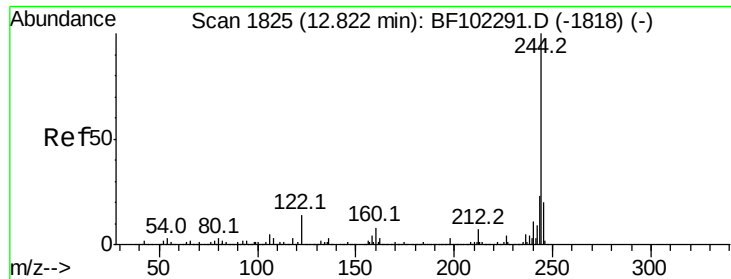


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 19.017 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

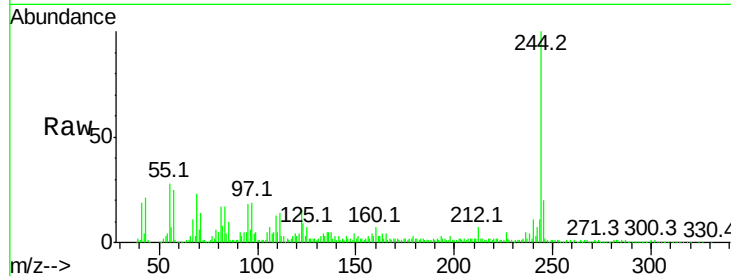
Tot Ion:244 Resp: 197236

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

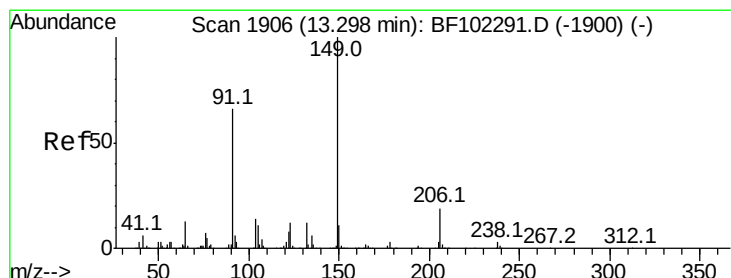
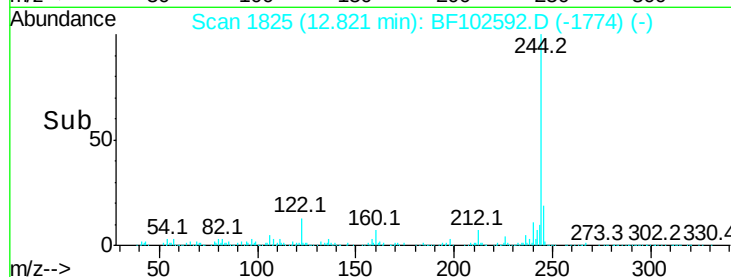
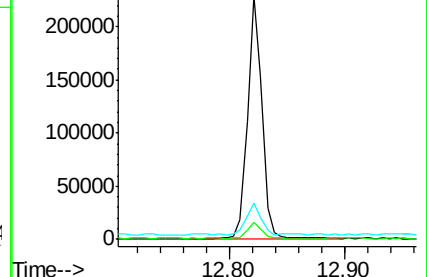
122 15.0 11.0 16.4



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: 7.922 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

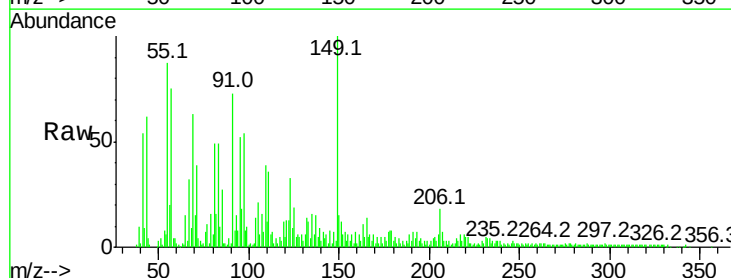
Tgt Ion:149 Resp: 71267

Ion Ratio Lower Upper

149 100

91 73.0 56.8 85.2

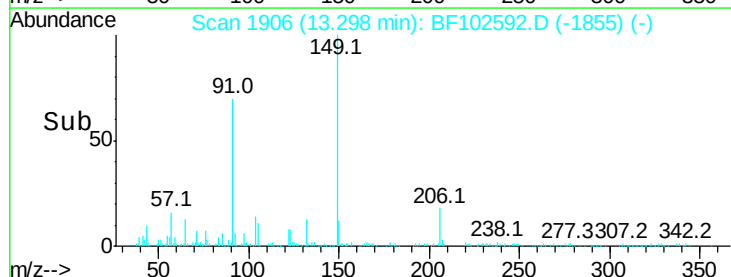
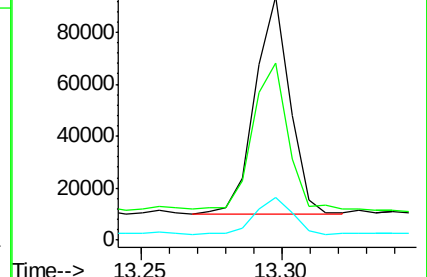
206 17.7 14.1 21.1

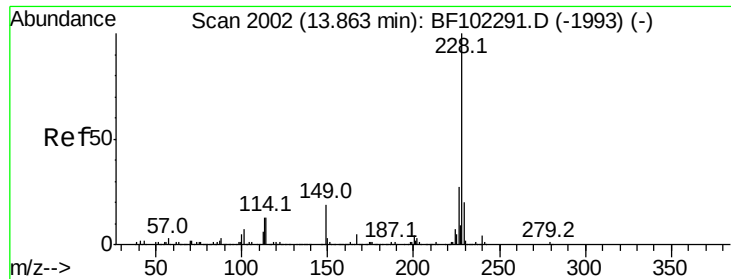


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

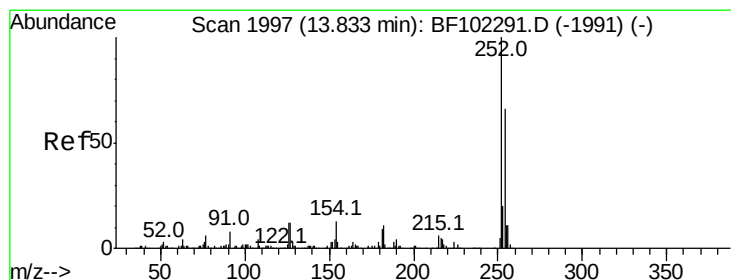
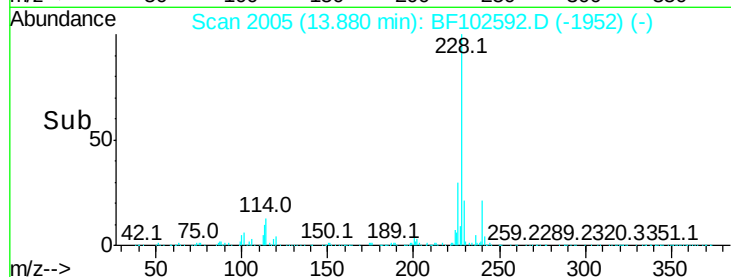
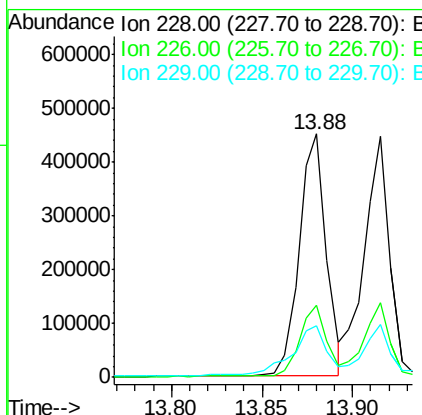
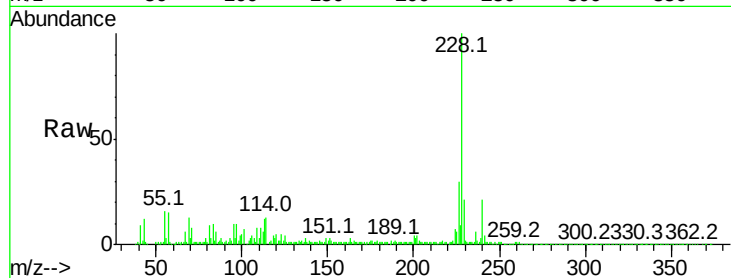




#80
Benzo(a)anthracene
Concen: 32.806 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

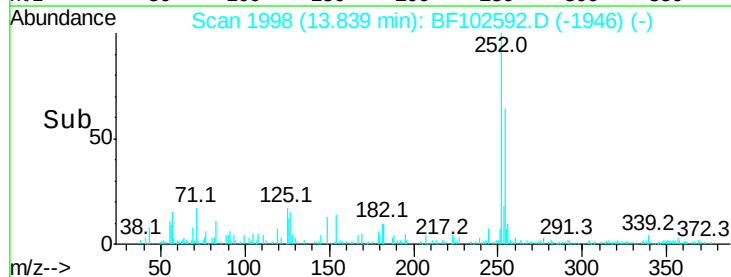
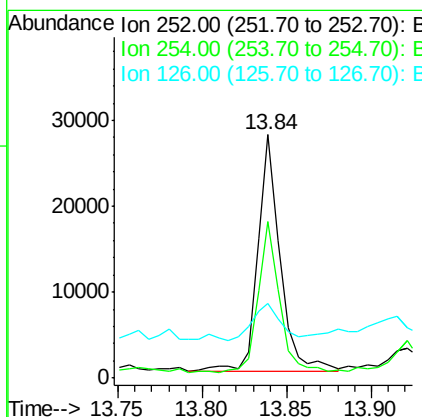
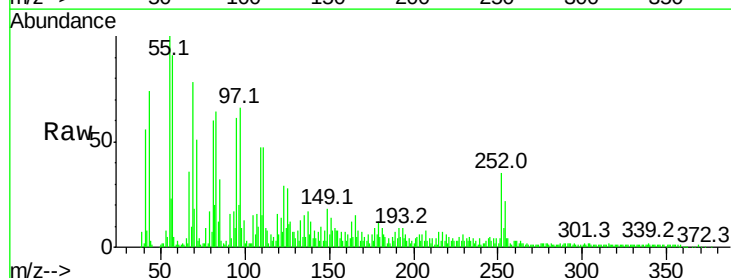
Instrument :
BNA_F
ClientSampleId :

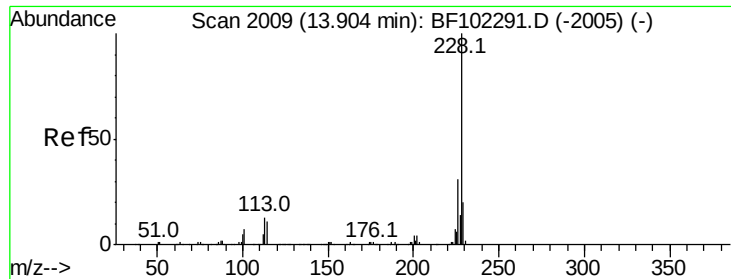
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.2	15.8	23.6



#81
3,3'-Dichlorobenzidine
Concen: 4.819 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	30.6	11.3	16.9

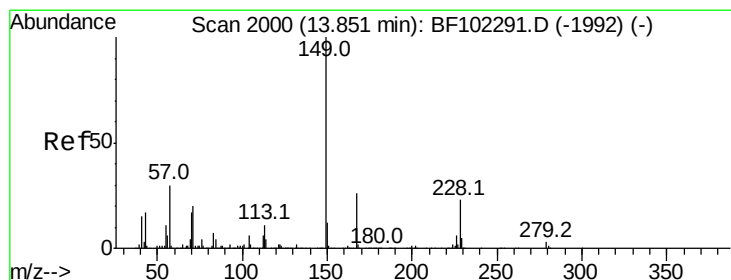
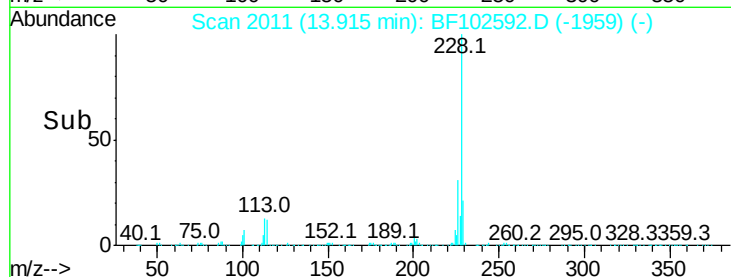
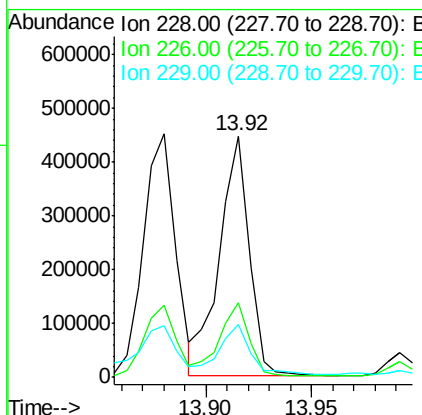
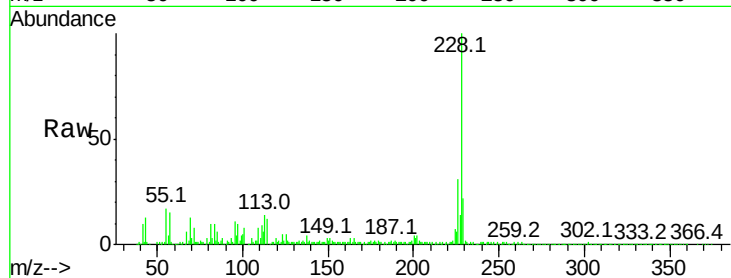




#82
Chrysene
Concen: 29.996 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

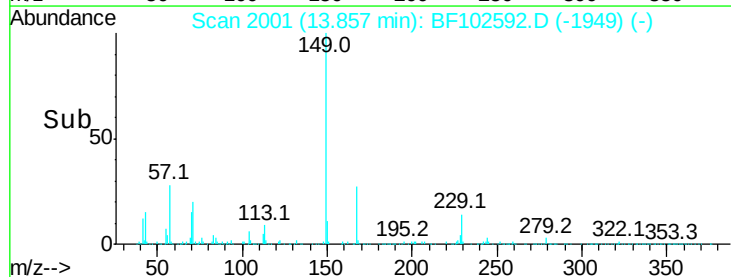
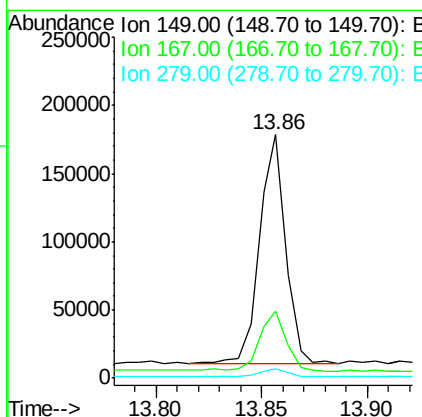
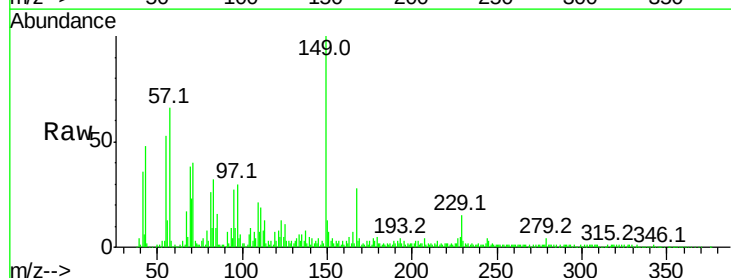
Instrument :
BNA_F
ClientSampleId :

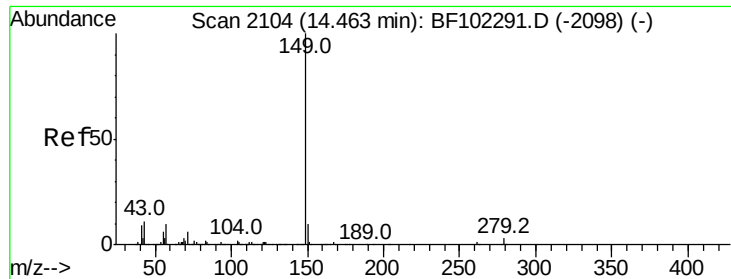
Tot Ion:228 Resp: 438492
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 21.9 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 11.944 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion:149 Resp: 144408
Ion Ratio Lower Upper
149 100
167 27.7 21.3 31.9
279 3.6 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 9.716 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

Instrument :

BNA_F

ClientSampleId :

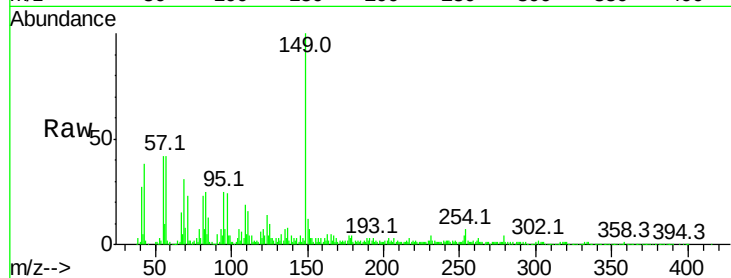
Tot Ion:149 Resp: 191027

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

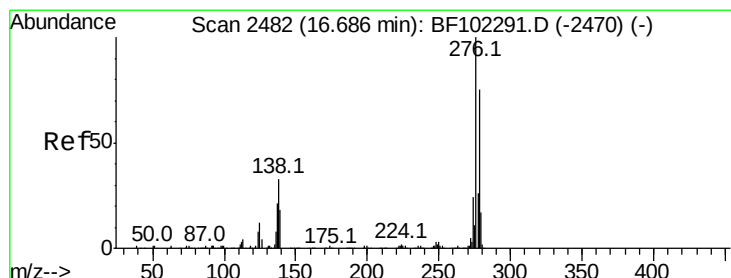
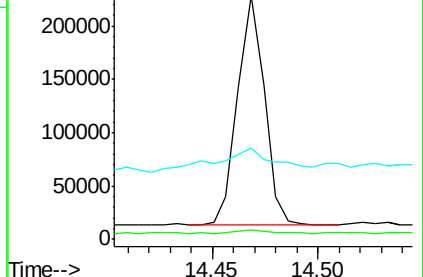
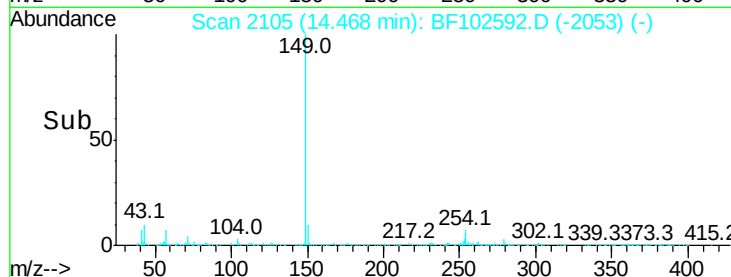
43 22.2 8.4 12.6#



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: 23.988 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.03 min

Lab File: BF102592.D

Acq: 29 Jan 2018 12:47

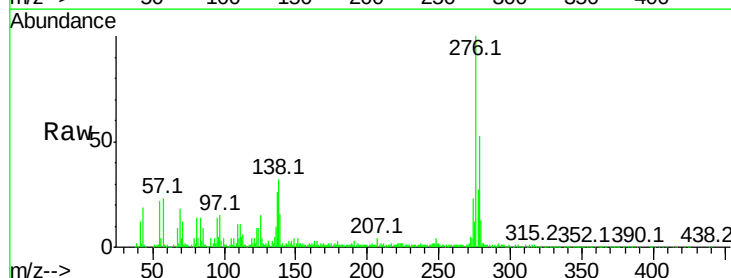
Tgt Ion:276 Resp: 289596

Ion Ratio Lower Upper

276 100

138 30.8 25.0 37.6

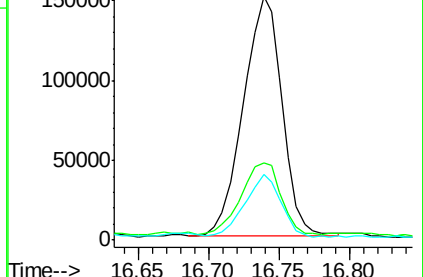
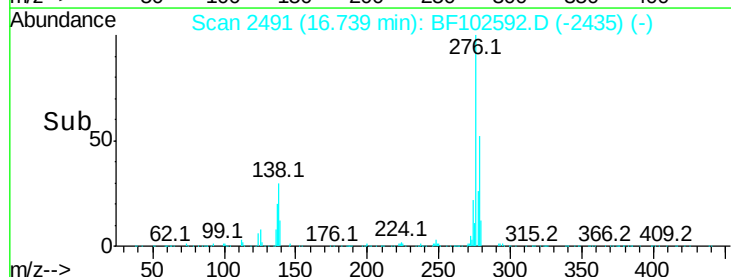
277 24.4 20.1 30.1

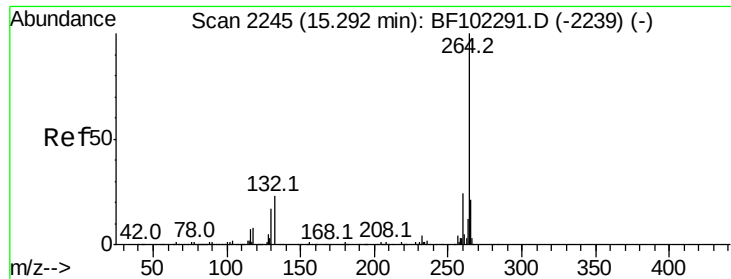


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

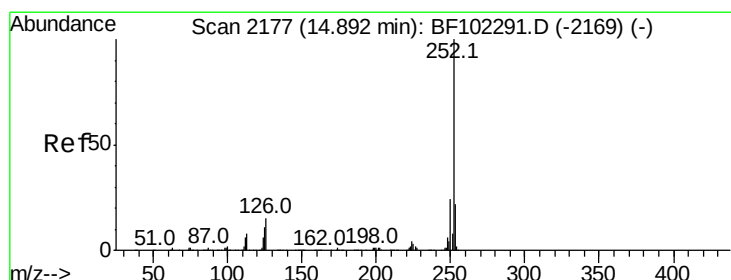
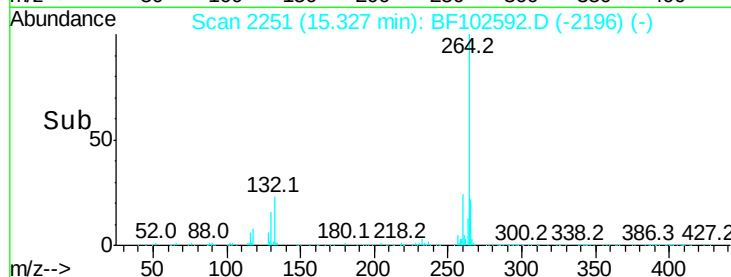
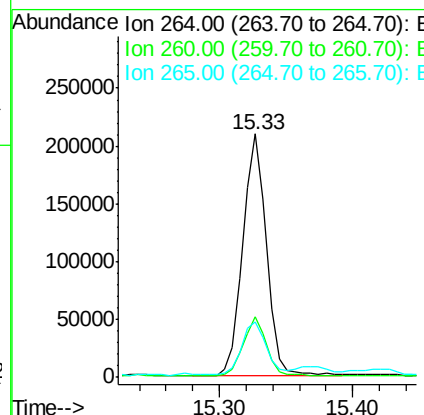
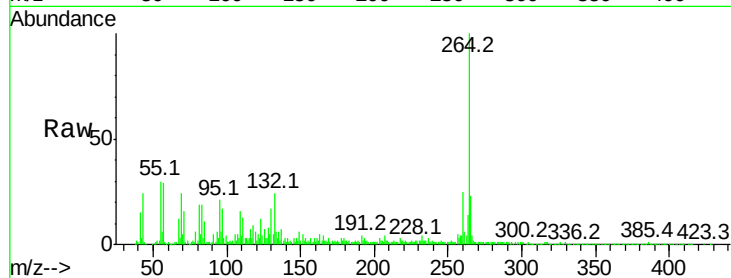




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

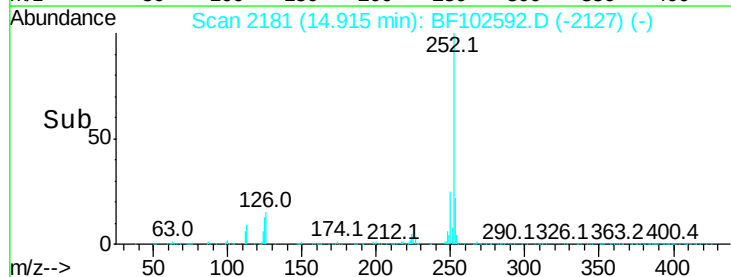
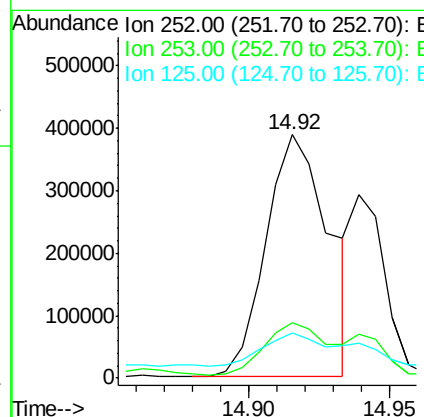
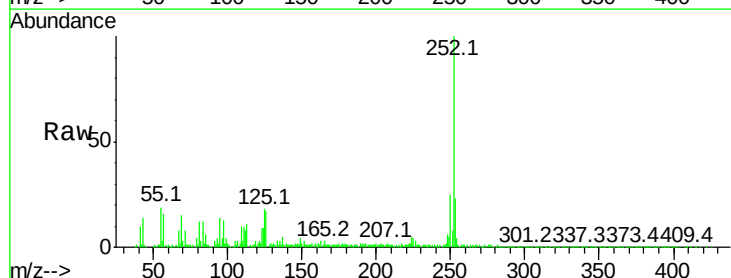
Instrument :
BNA_F
ClientSampleId :

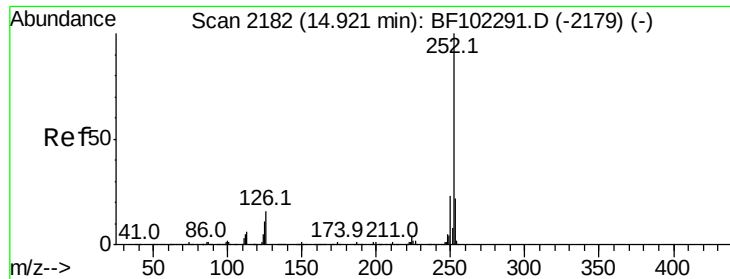
Tot Ion:264 Resp: 257516
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 22.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 35.935 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion:252 Resp: 599788
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 18.5 9.0 13.6#

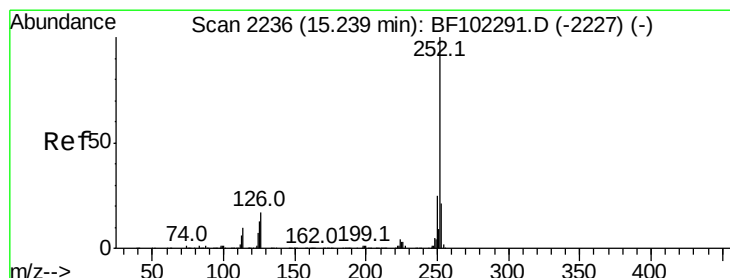
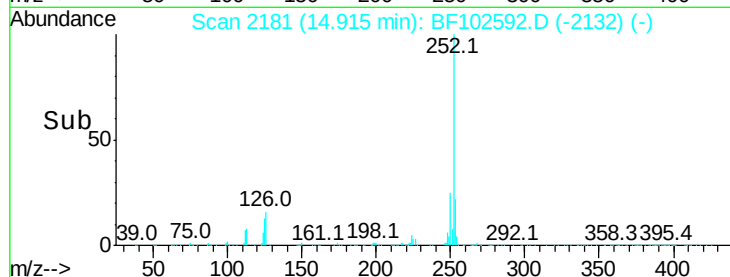
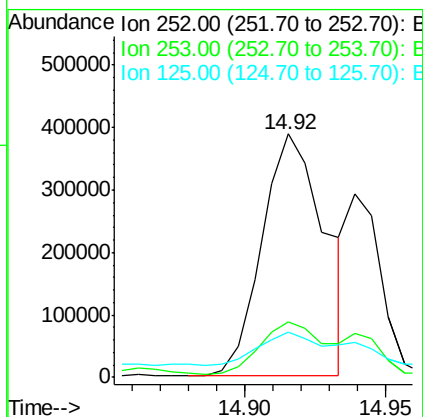
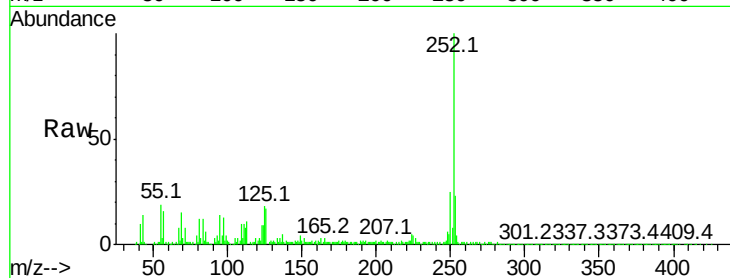




#88
Benzo(k)fluoranthene
Concen: 38.035 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

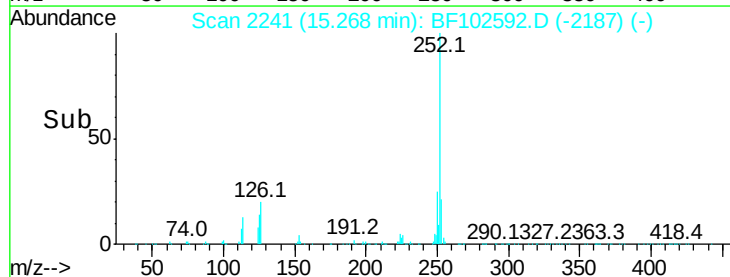
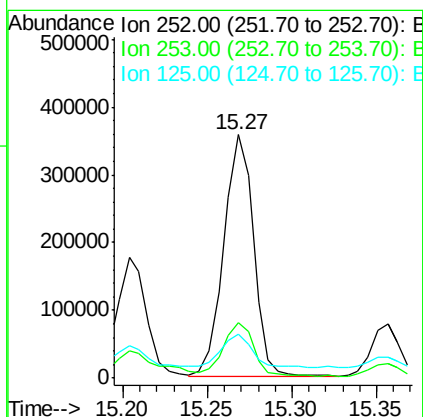
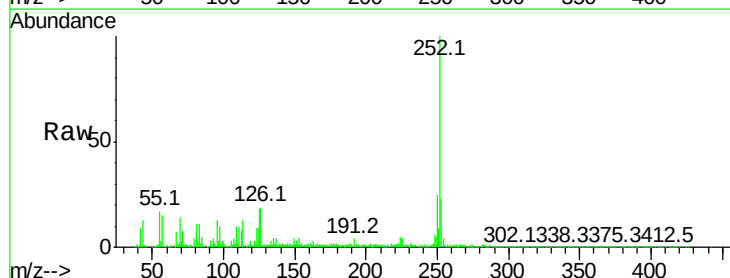
Instrument :
BNA_F
ClientSampleId :

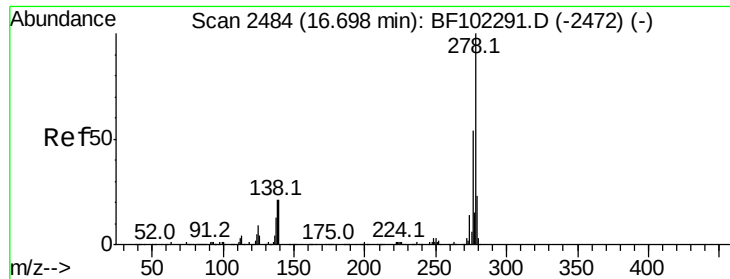
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	18.5	10.2	15.2



#89
Benzo(a)pyrene
Concen: 29.001 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	18.3	9.8	14.6



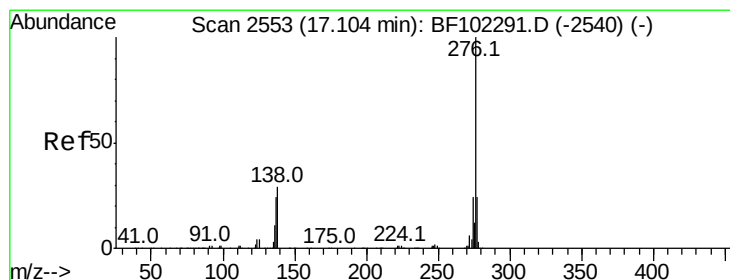
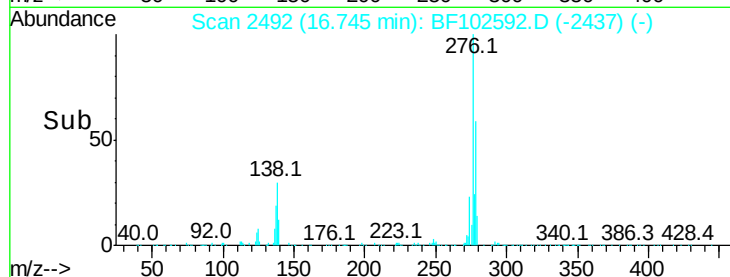
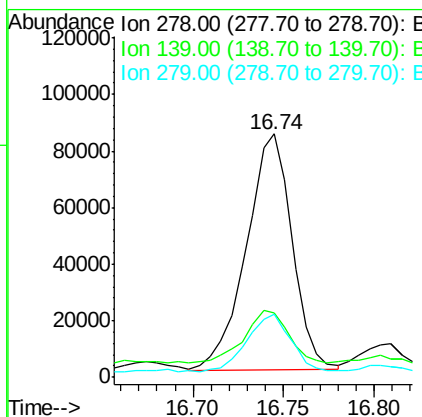
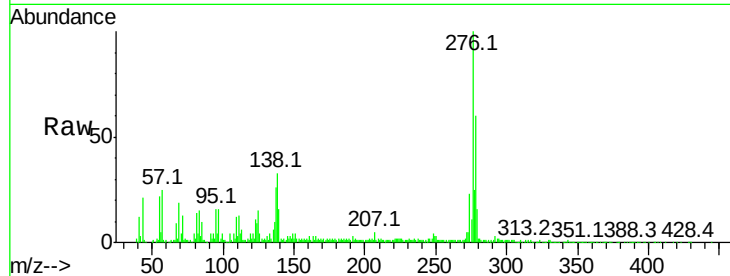


#90
Dibenzo(a,h)anthracene
Concen: 11.969 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.02 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 145953

Ion	Ratio	Lower	Upper
278	100		
139	26.7	15.9	23.9#
279	25.8	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 20.507 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.04 min
Lab File: BF102592.D
Acq: 29 Jan 2018 12:47

Tgt Ion:276 Resp: 246911

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	28.2	21.8	32.8

