

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102486.D
 Acq On : 26 Jan 2018 23:10
 Operator : SJ/JU
 Sample : J1253-11MSD 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 01:10:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	172746	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	694909	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	268824	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	374486	20.00	ng	0.00
75) Chrysene-d12	13.89	240	273070	20.00	ng	0.01
86) Perylene-d12	15.33	264	182226	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	731112	64.17	ng	0.01
7) Phenol-d6	6.37	99	871282	63.43	ng	0.00
23) Nitrobenzene-d5	7.29	82	481199	39.79	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	104740	39.32	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	870442	47.61	ng	0.00
78) Terphenyl-d14	12.83	244	588390	48.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	96615	17.848	ng	94
3) Pyridine	3.10	79	274527	19.407	ng	92
4) n-Nitrosodimethylamine	3.05	42	137270	24.752	ng	98
6) Aniline	6.39	93	247156	13.604	ng	# 29
8) 2-Chlorophenol	6.51	128	275895	23.101	ng	97
9) Benzaldehyde	6.27	77	140449	15.251	ng	98
10) Phenol	6.38	94	361650	24.118	ng	# 71
11) bis(2-Chloroethyl)ether	6.46	93	272618	23.904	ng	97
12) 1,3-Dichlorobenzene	6.66	146	296983	20.909	ng	98
13) 1,4-Dichlorobenzene	6.74	146	301577	21.196	ng	98
14) 1,2-Dichlorobenzene	6.89	146	280767	21.574	ng	98
15) Benzyl Alcohol	6.87	79	211754	21.850	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	439311	22.967	ng	76
17) 2-Methylphenol	6.99	107	221913	21.395	ng	# 94
18) Hexachloroethane	7.23	117	50237	10.133	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	194852	23.181	ng	95
20) 3+4-Methylphenols	7.15	107	295838	24.252	ng	96
22) Acetophenone	7.13	105	389851	23.534	ng	# 97
24) Nitrobenzene	7.31	77	245204	19.815	ng	96
25) Isophorone	7.55	82	512112	23.755	ng	100
26) 2-Nitrophenol	7.62	139	19732	3.030	ng	95
27) 2,4-Dimethylphenol	7.67	122	247215	26.140	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	337263	25.326	ng	99
29) 2,4-Dichlorophenol	7.87	162	201568	20.924	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	213280	20.653	ng	97
31) Naphthalene	8.03	128	774493	22.322	ng	99
32) Benzoic acid	7.67	122	247215	31.200	ng	# 14
33) 4-Chloroaniline	8.08	127	274794	18.834	ng	99
34) Hexachlorobutadiene	8.14	225	113430	20.566	ng	95
35) Caprolactam	8.43	113	62152	19.535	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	220775	21.742	ng	97
37) 2-Methylnaphthalene	8.72	142	506302	21.912	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	187348	23.164	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	96485	17.821	ng	99

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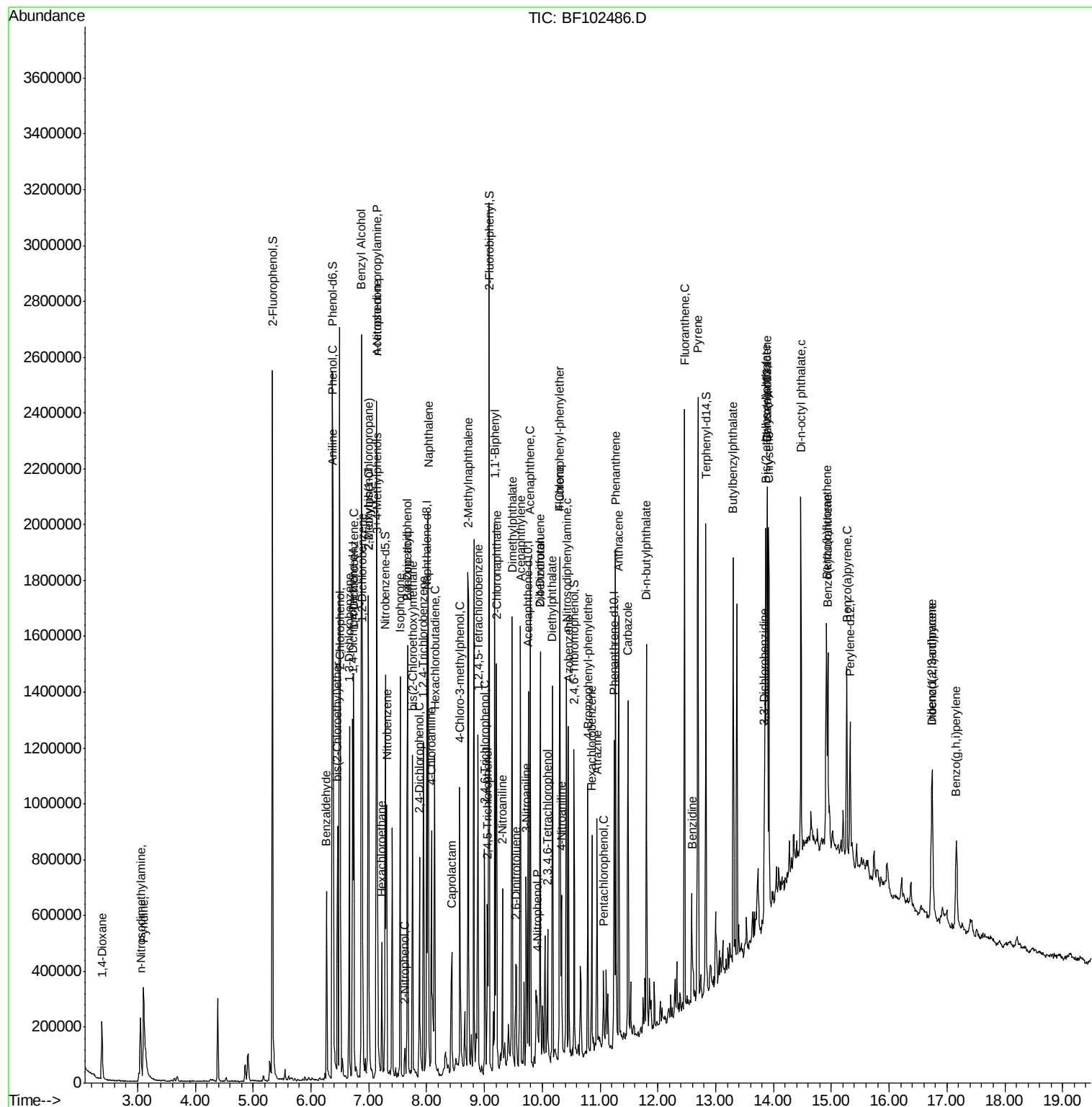
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	104979	17.221	ng	98
45) 1,1'-Biphenyl	9.18	154	562894	23.418	ng	98
46) 2-Chloronaphthalene	9.21	162	414228	22.170	ng	97
47) 2-Nitroaniline	9.31	65	117572	20.184	ng	98
48) Acenaphthylene	9.62	152	625298	21.482	ng	100
49) Dimethylphthalate	9.48	163	636612	28.650	ng	99
50) 2,6-Dinitrotoluene	9.55	165	44610	9.312	ng	90
51) Acenaphthene	9.79	154	359193	21.129	ng	99
52) 3-Nitroaniline	9.72	138	111250	19.630	ng	98
54) Dibenzofuran	9.96	168	526414	22.880	ng	97
55) 4-Nitrophenol	9.92	139	43680	11.676	ng	94
56) 2,4-Dinitrotoluene	9.96	165	43221	7.336	ng	# 80
57) Fluorene	10.31	166	394974	21.665	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	60704	13.947	ng	# 98
59) Diethylphthalate	10.17	149	463475	21.465	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	177731	22.485	ng	98
61) 4-Nitroaniline	10.33	138	112094	19.822	ng	89
62) Azobenzene	10.46	77	392322	19.845	ng	99
65) n-Nitrosodiphenylamine	10.42	169	356110	25.908	ng	100
66) 4-Bromophenyl-phenylether	10.79	248	96186	23.860	ng	99
67) Hexachlorobenzene	10.86	284	90648	20.106	ng	94
68) Atrazine	10.94	200	83113	20.473	ng	99
69) Pentachlorophenol	11.06	266	30463	12.862	ng	96
70) Phenanthrene	11.27	178	660243	30.256	ng	99
71) Anthracene	11.32	178	560155	25.149	ng	98
72) Carbazole	11.48	167	479140	22.050	ng	99
73) Di-n-butylphthalate	11.80	149	648038	23.859	ng	98
74) Fluoranthene	12.46	202	821267	36.905	ng	98
76) Benzidine	12.59	184	176163	19.204	ng	97
77) Pyrene	12.69	202	820673	38.871	ng	100
79) Butylbenzylphthalate	13.30	149	243069	23.134	ng	99
80) Benzo(a)anthracene	13.88	228	559681	33.290	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	116205	18.842	ng	98
82) Chrysene	13.92	228	524671	30.732	ng	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	372263	26.364	ng	98
84) Di-n-octyl phthalate	14.47	149	574693	25.027	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.74	276	281434	19.960	ng	97
87) Benzo(b)fluoranthene	14.92	252	392772	33.255	ng	# 95
88) Benzo(k)fluoranthene	14.94	252	311640	27.928	ng	98
89) Benzo(a)pyrene	15.27	252	327900	30.782	ng	# 95
90) Dibenzo(a,h)anthracene	16.74	278	198096	22.957	ng	97
91) Benzo(g,h,i)perylene	17.16	276	241236	28.314	ng	95

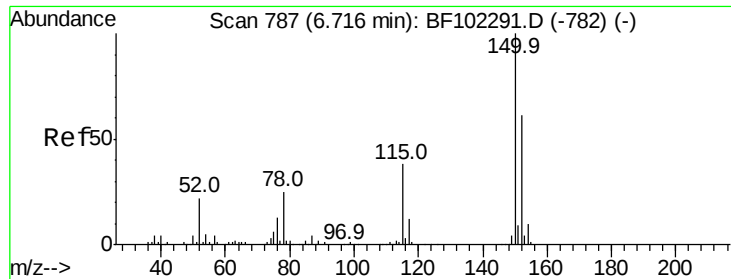
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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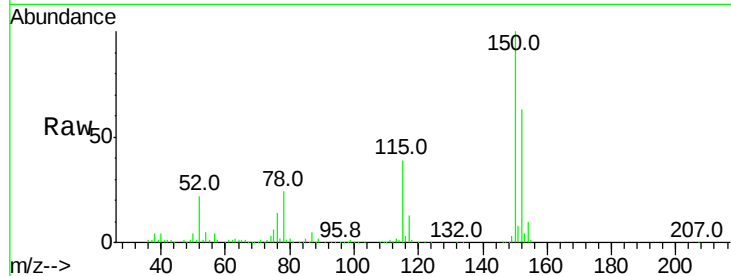


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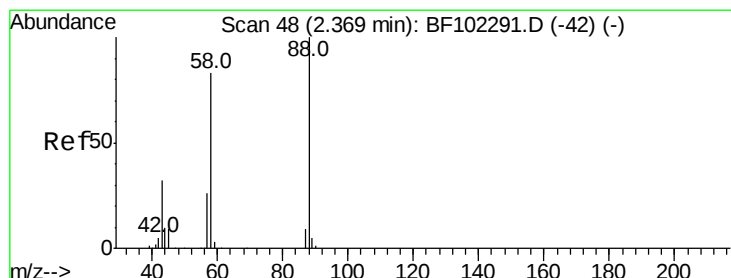
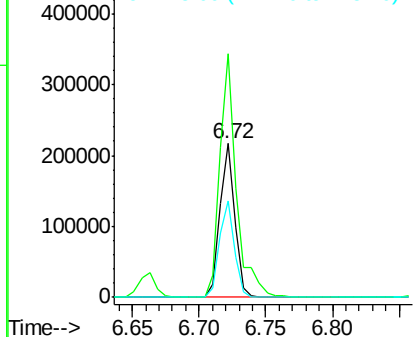
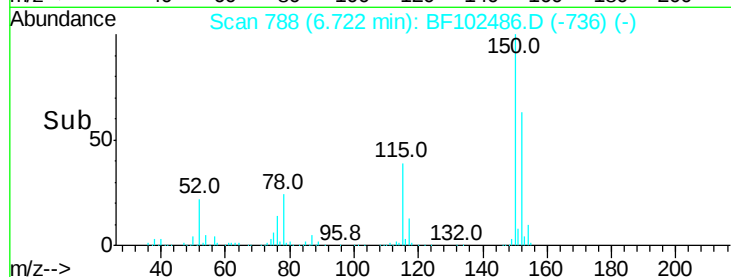
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 172746
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.5 50.1 75.1



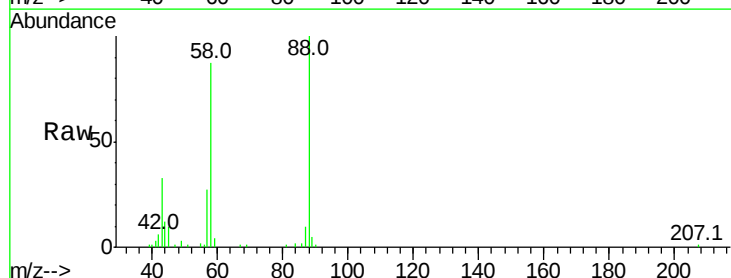
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



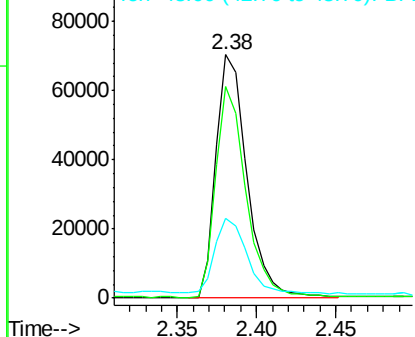
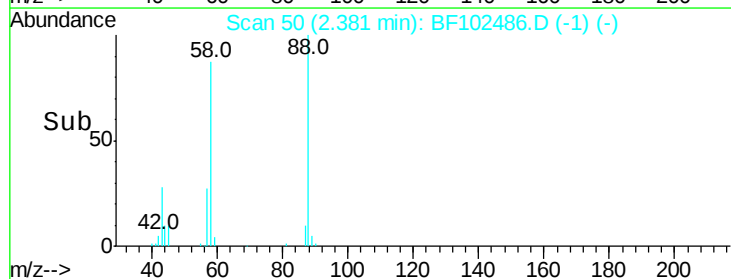
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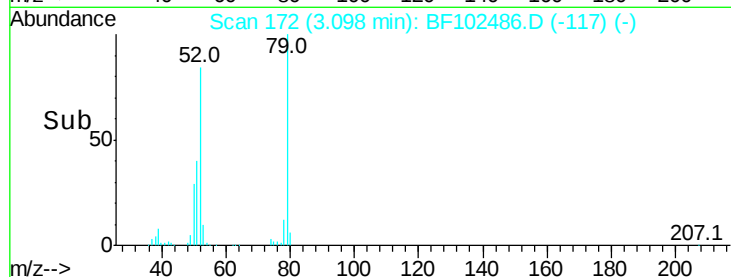
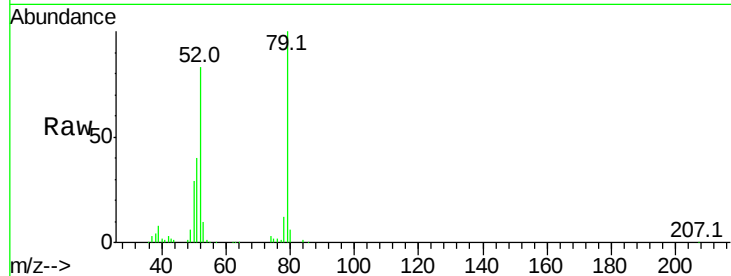
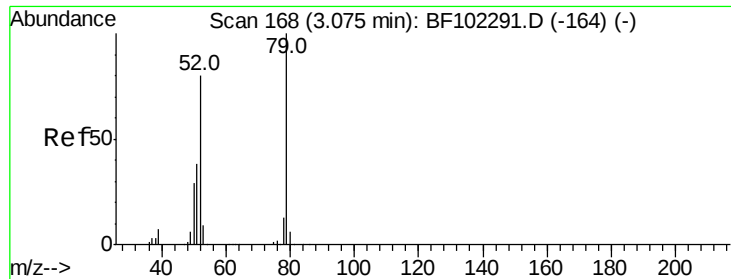
1,4-Dioxane
Concen: 17.848 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion: 88 Resp: 96615
Ion Ratio Lower Upper
88 100
58 84.8 62.6 93.8
43 32.8 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

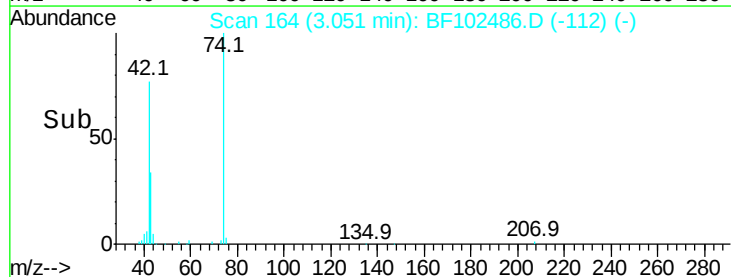
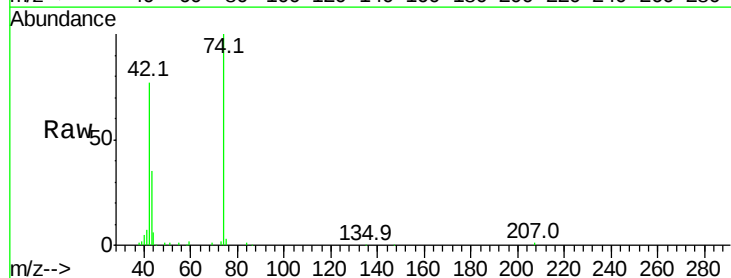
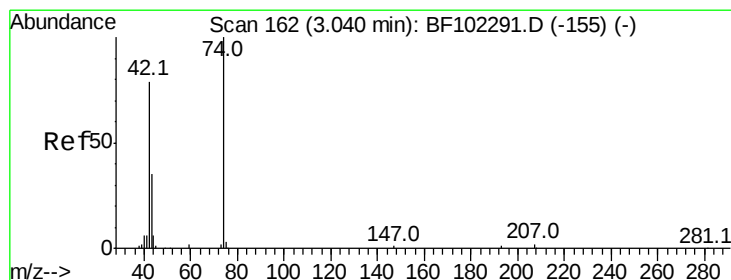
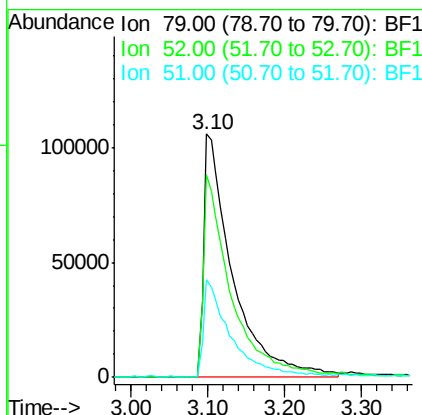




#3
 Pvridine
 Concen: 19.407 ng
 RT: 3.10 min Scan# 172
 Delta R.T. 0.02 min
 Lab File: BF102486.D
 Acq: 26 Jan 2018 23:10

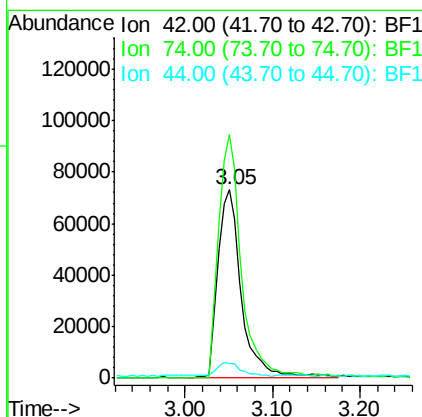
Instrument :
 BNA_F
 ClientSampleId :

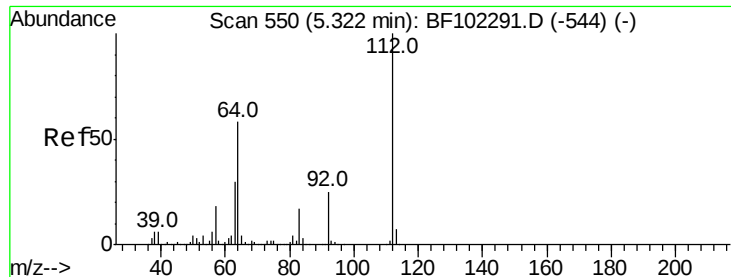
Tot Ion: 79 Resp: 274527
 Ion Ratio Lower Upper
 79 100
 52 83.4 59.8 89.6
 51 40.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 24.752 ng
 RT: 3.05 min Scan# 164
 Delta R.T. 0.01 min
 Lab File: BF102486.D
 Acq: 26 Jan 2018 23:10

Tgt Ion: 42 Resp: 137270
 Ion Ratio Lower Upper
 42 100
 74 129.4 104.9 157.3
 44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 64.173 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

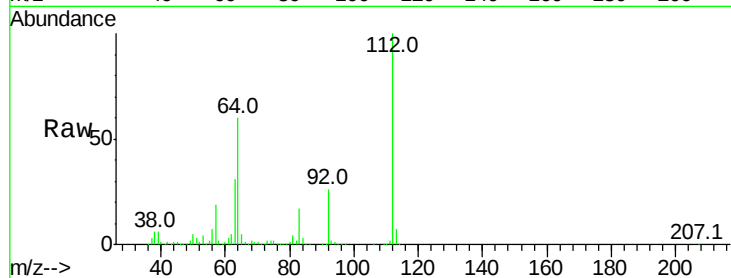
Tot Ion:112 Resp: 731112

Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

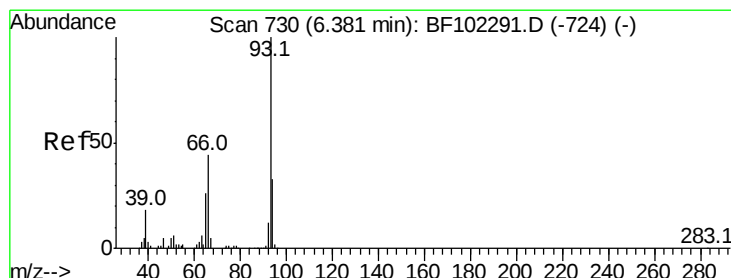
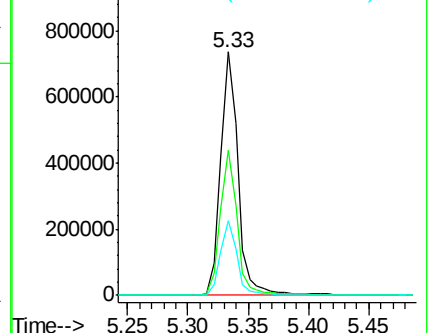
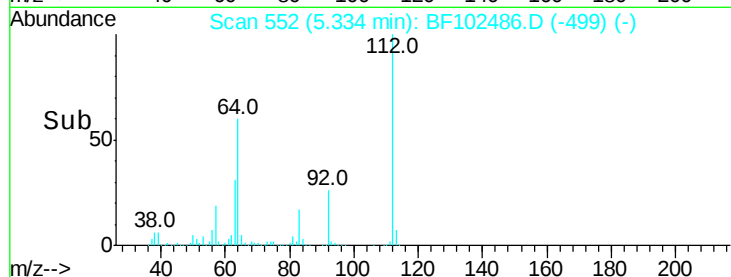
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.604 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

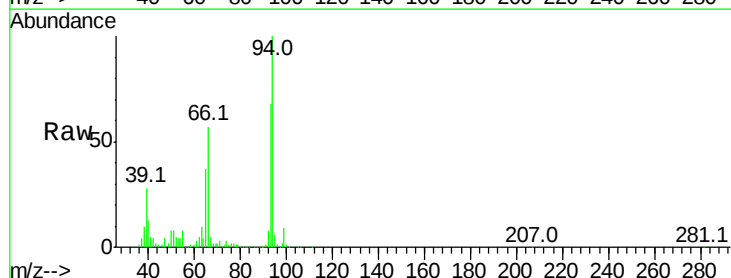
Tgt Ion: 93 Resp: 247156

Ion Ratio Lower Upper

93 100

66 83.2 32.2 48.2#

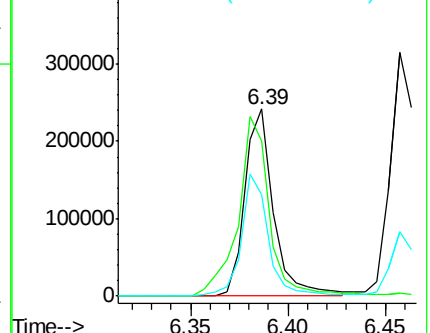
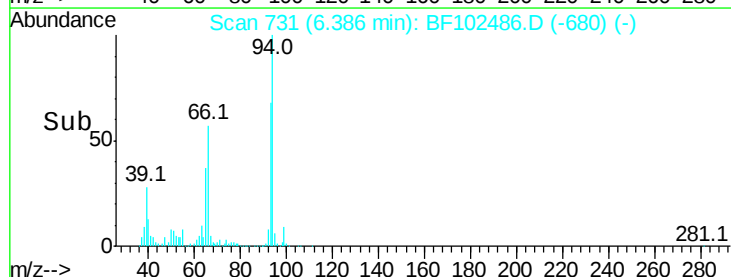
65 54.7 16.4 24.6#

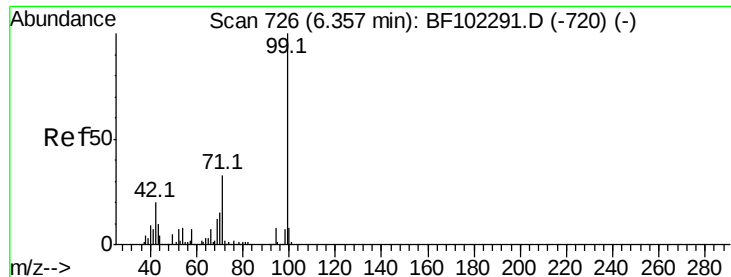


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 63.434 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampled :

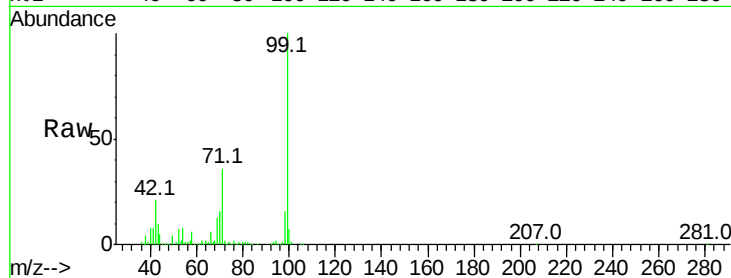
Tot Ion: 99 Resp: 871282

Ion Ratio Lower Upper

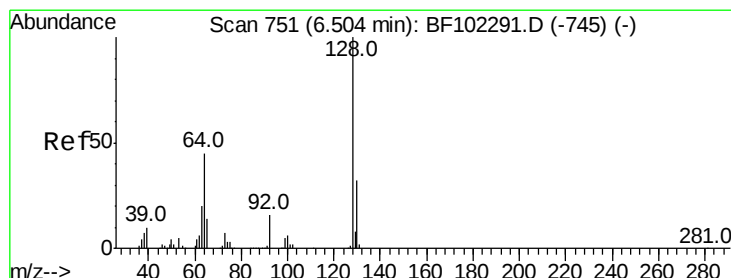
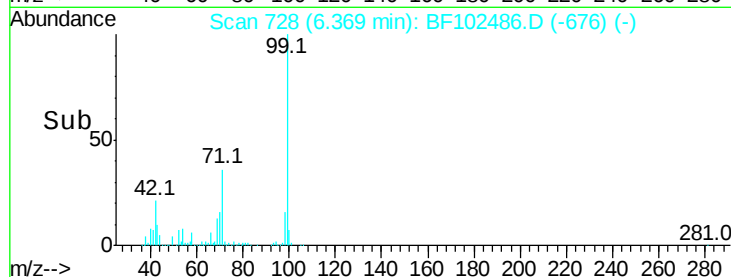
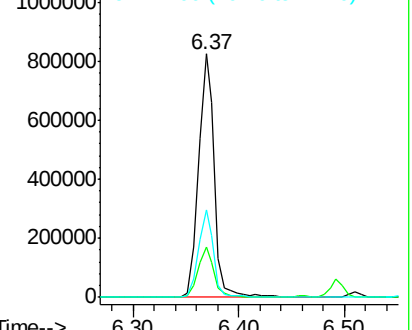
99 100

42 20.7 14.5 21.7

71 36.0 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: 23.101 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

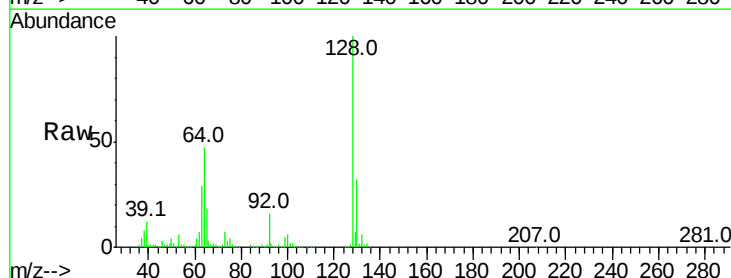
Tgt Ion: 128 Resp: 275895

Ion Ratio Lower Upper

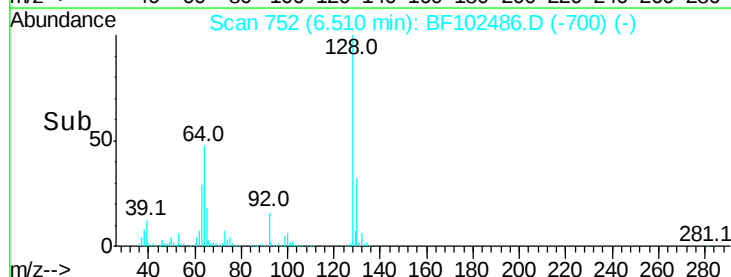
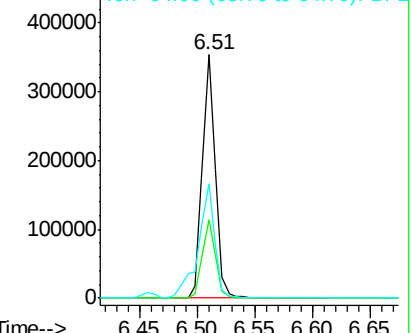
128 100

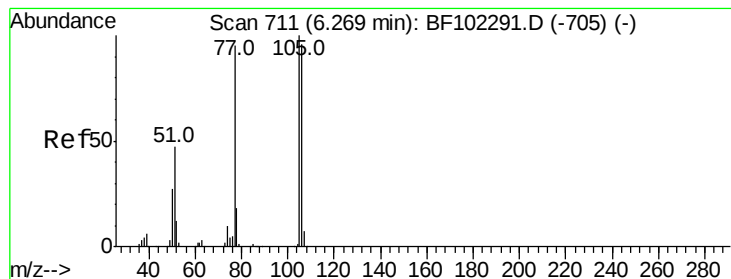
130 32.2 13.0 53.0

64 47.0 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: 15.251 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

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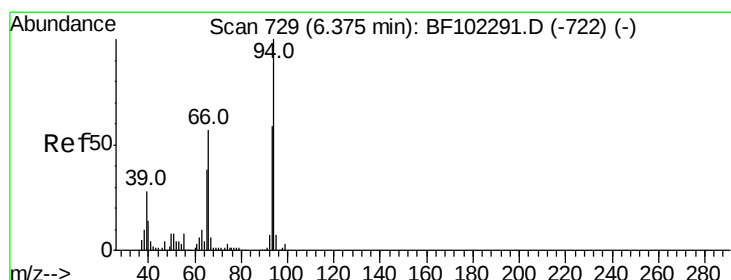
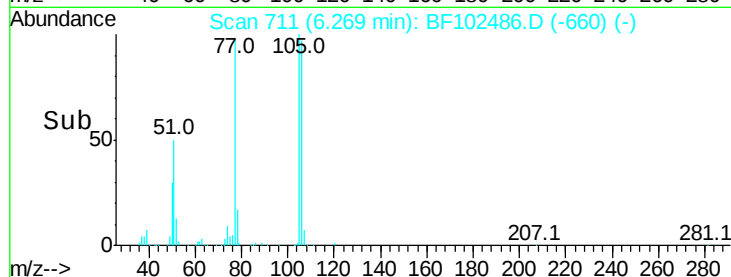
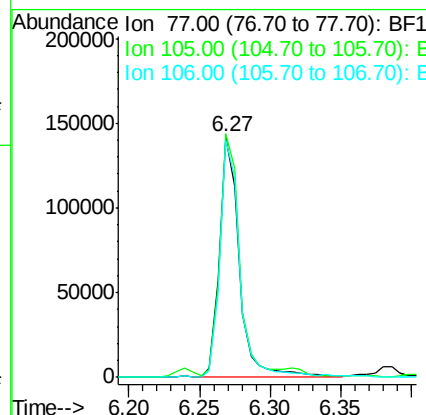
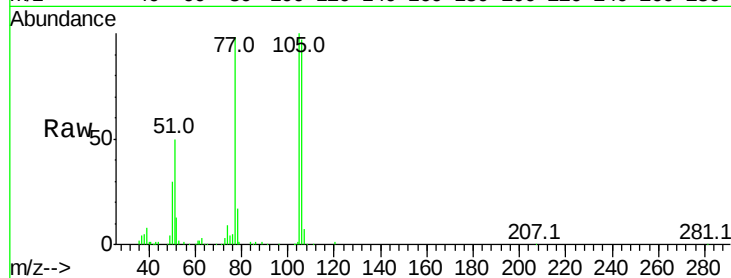
Tot Ion: 77 Resp: 140449

Ion Ratio Lower Upper

77 100

105 101.5 81.1 121.1

106 98.7 74.5 114.5



#10

Phenol

Concen: 24.118 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

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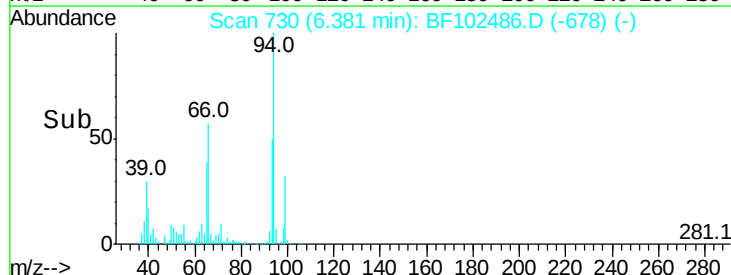
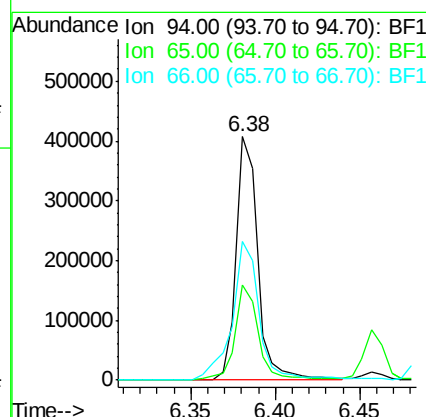
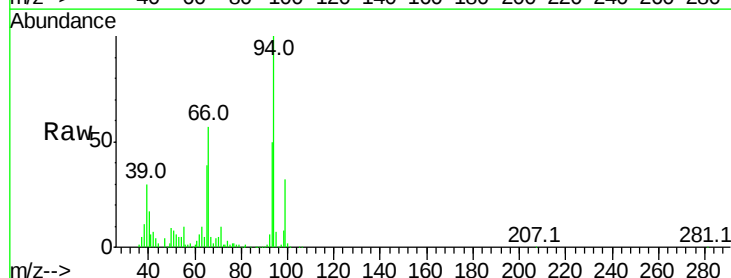
Tgt Ion: 94 Resp: 361650

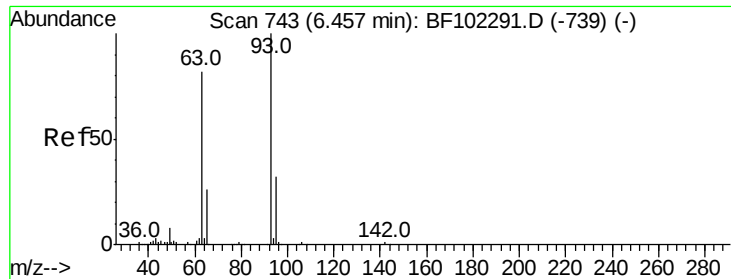
Ion Ratio Lower Upper

94 100

65 38.9 7.9 47.9

66 57.1 16.2 56.2#

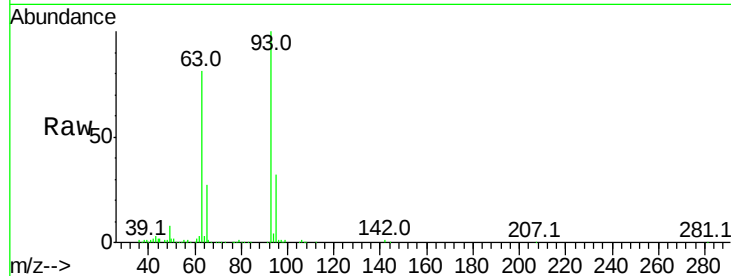




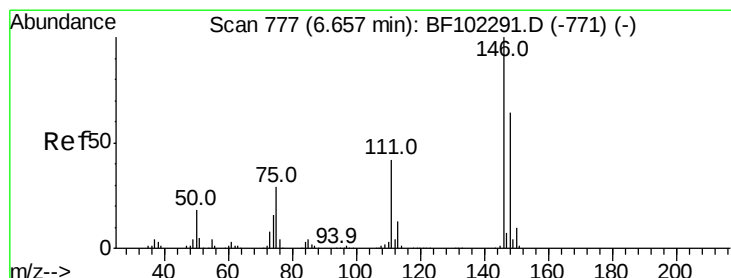
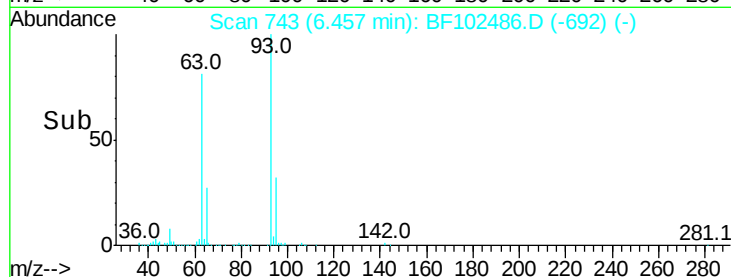
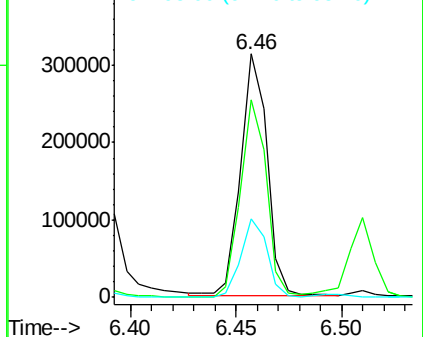
#11
bis(2-Chloroethyl)ether
Concen: 23.904 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	93	Resp:	272618
Ion	Ratio	Lower	Upper
93	100		
63	81.3	58.6	98.6
95	32.5	11.8	51.8

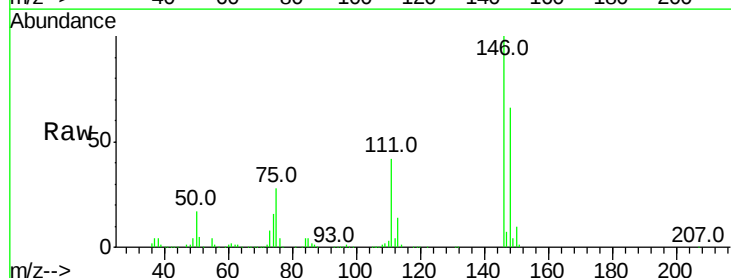


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

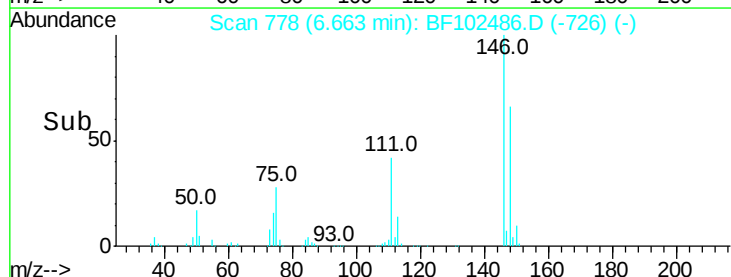
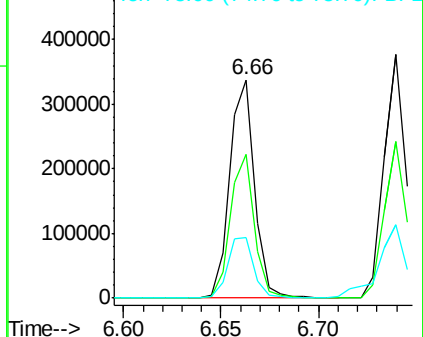


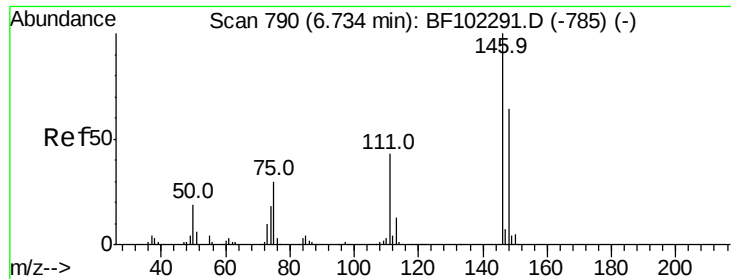
#12
1,3-Dichlorobenzene
Concen: 20.909 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:	146	Resp:	296983
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.8
75	27.9	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

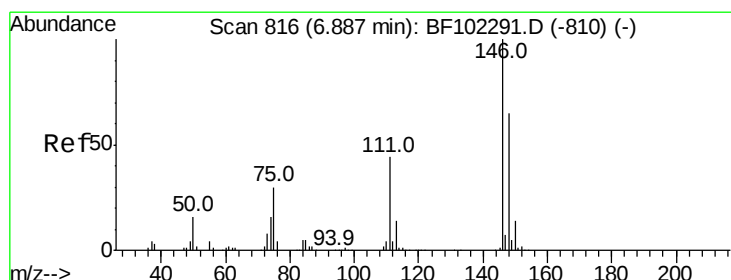
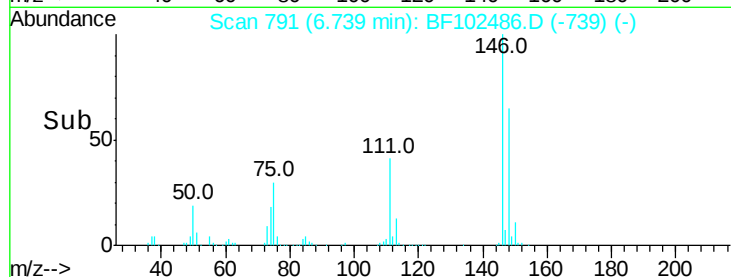
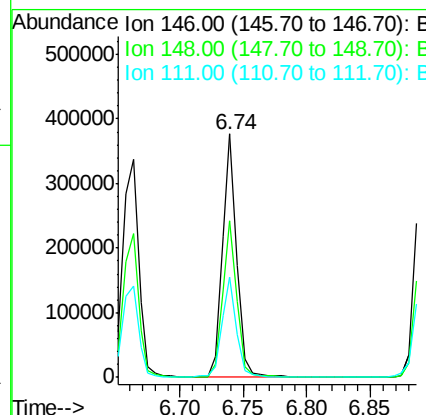
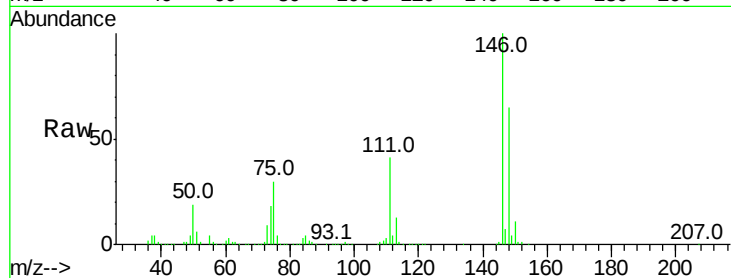




#13
 1,4-Dichlorobenzene
 Concen: 21.196 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF102486.D
 Acq: 26 Jan 2018 23:10

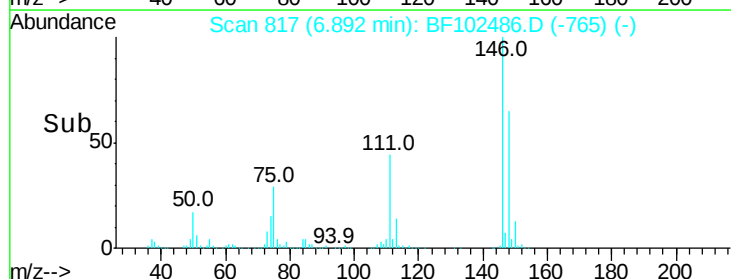
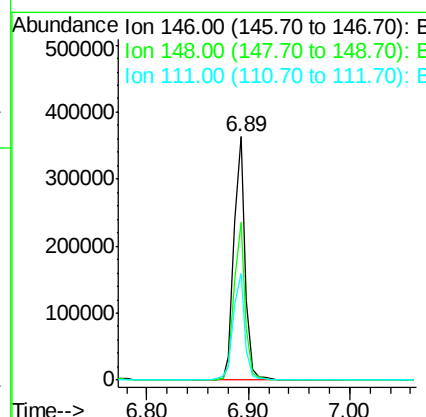
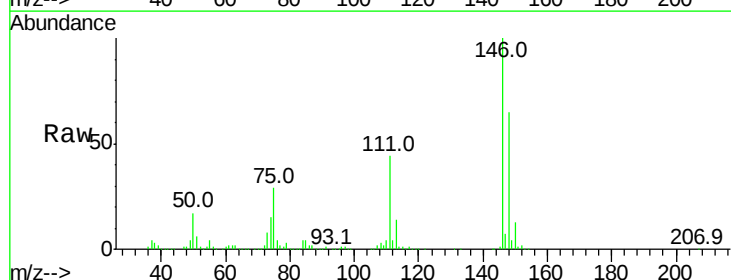
Instrument :
 BNA_F
 ClientSampleId :

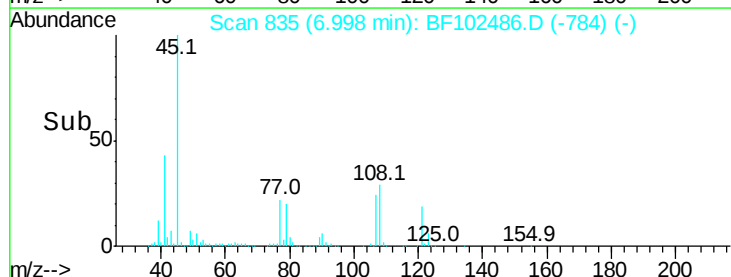
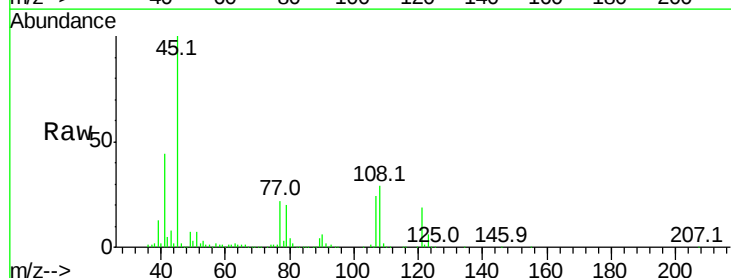
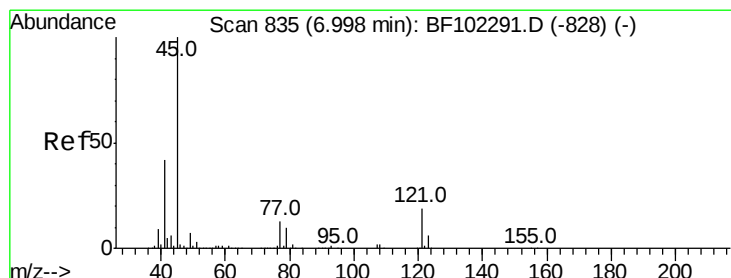
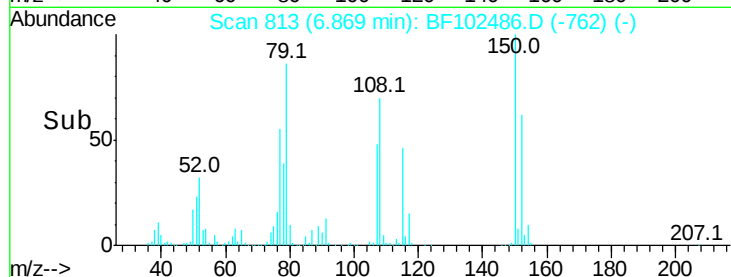
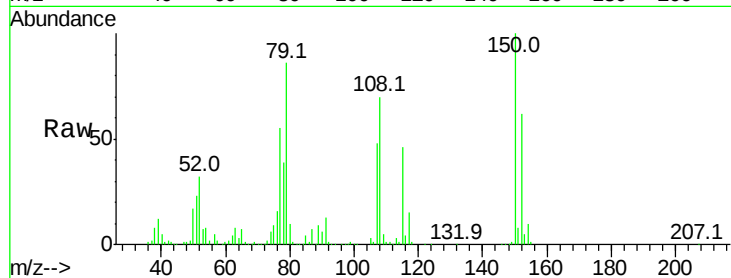
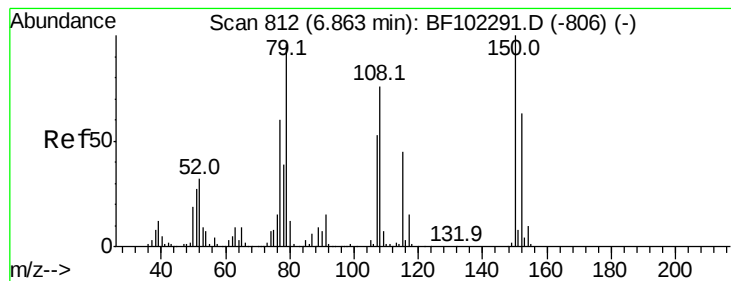
Tot Ion:146 Resp: 301577
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 41.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 21.574 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF102486.D
 Acq: 26 Jan 2018 23:10

Tgt Ion:146 Resp: 280767
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 75.8
 111 44.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 21.850 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

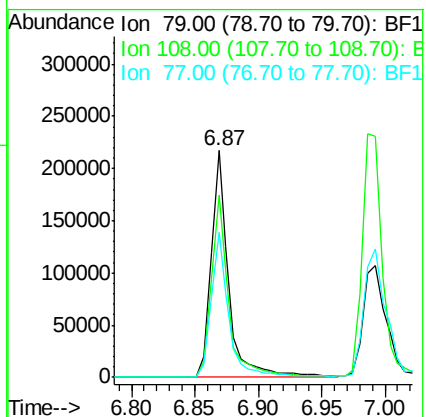
Tot Ion: 79 Resp: 211754

Ion Ratio Lower Upper

79 100

108 80.6 65.1 97.7

77 63.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.967 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

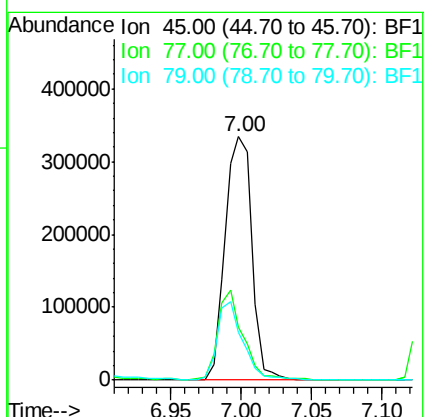
Tgt Ion: 45 Resp: 439311

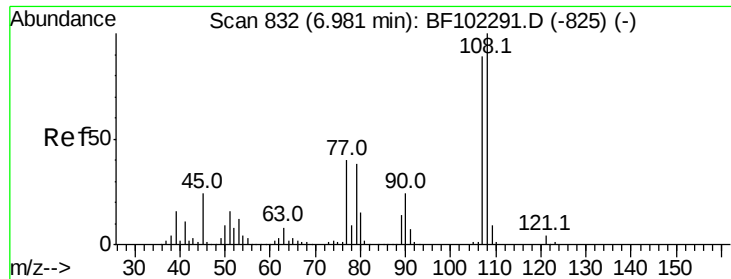
Ion Ratio Lower Upper

45 100

77 21.5 0.0 32.9

79 19.7 0.0 29.6

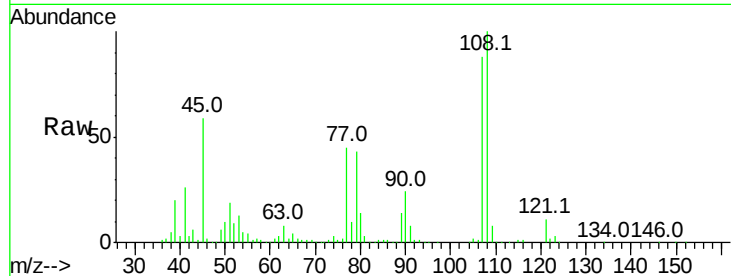




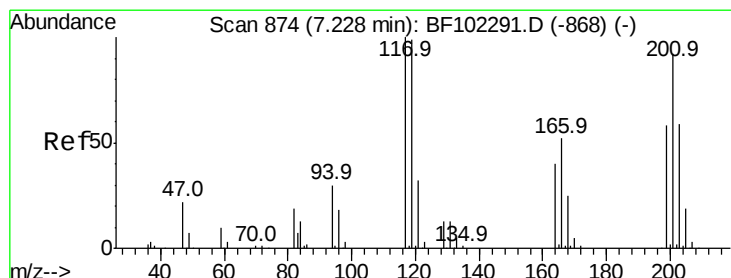
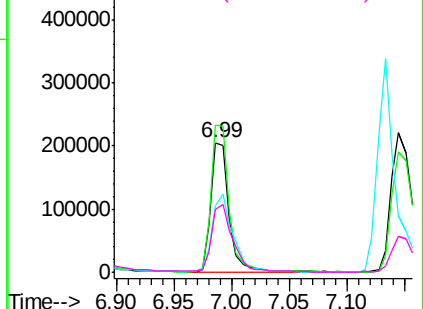
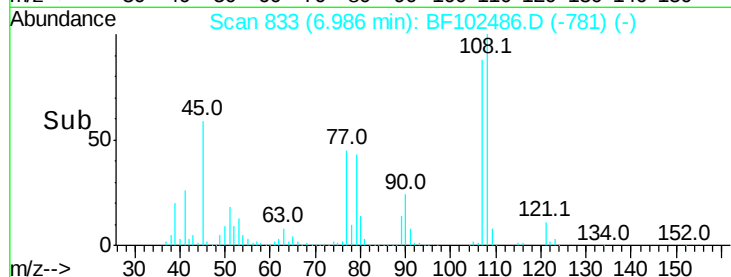
#17
2-Methylphenol
Concen: 21.395 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 221913
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 51.6 33.8 50.8#
79 48.7 33.8 50.8

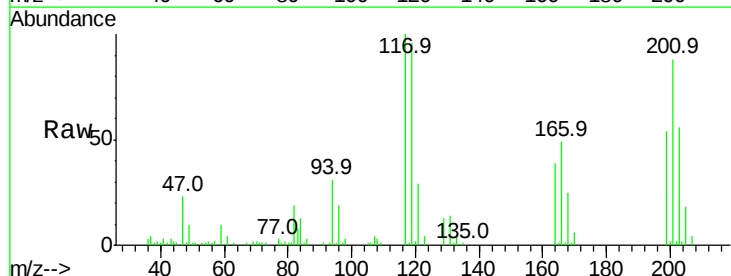


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

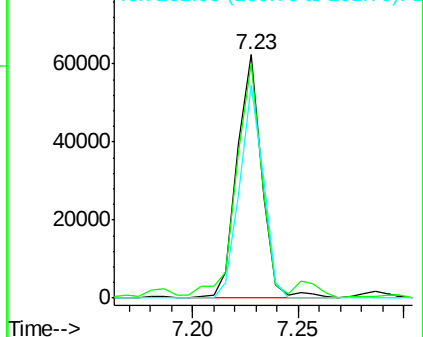
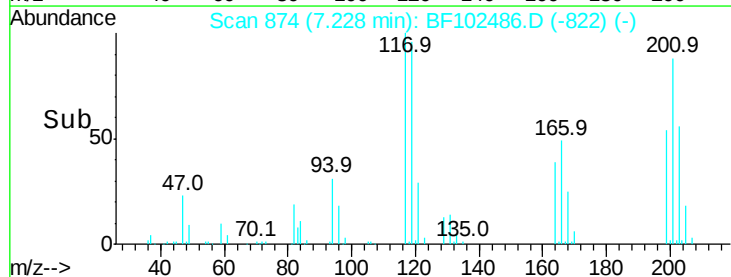


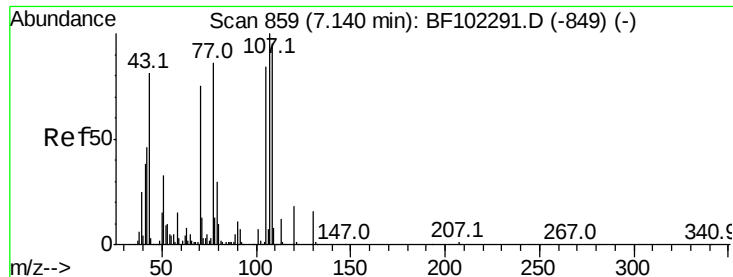
#18
Hexachloroethane
Concen: 10.133 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:117 Resp: 50237
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 87.5 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

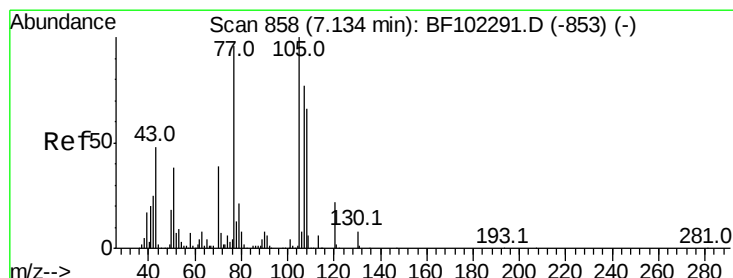
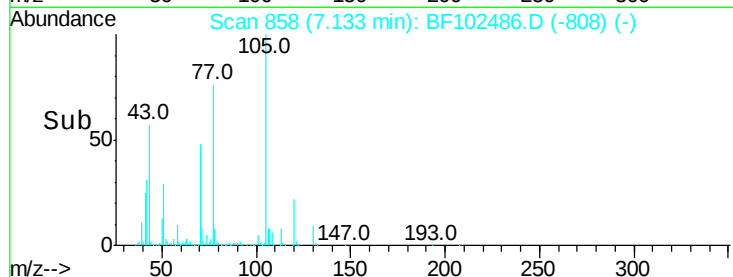
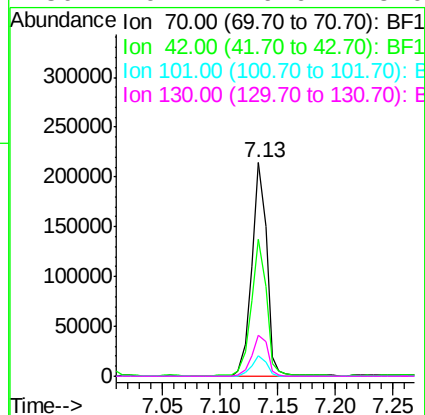
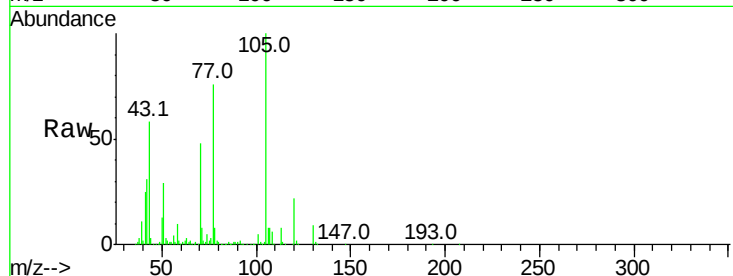




#19
n-Nitroso-di-n-propylamine
Concen: 23.181 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

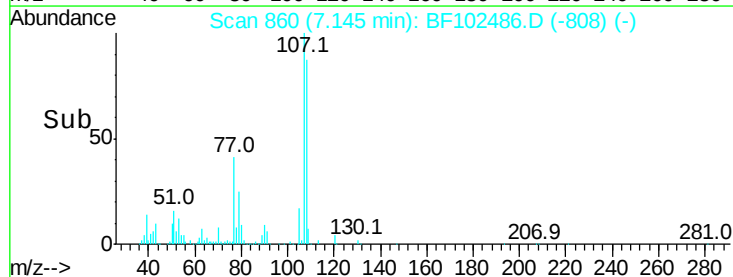
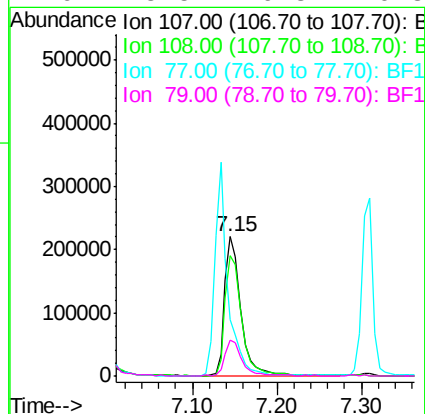
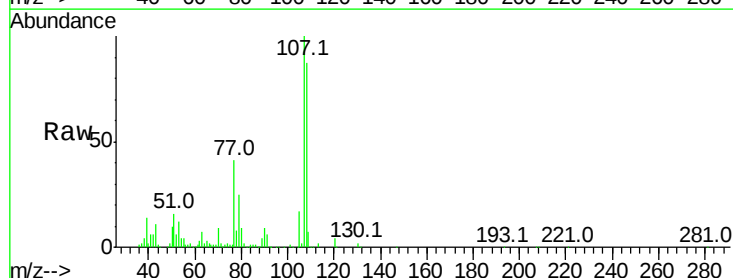
Instrument :
BNA_F
ClientSampleId :

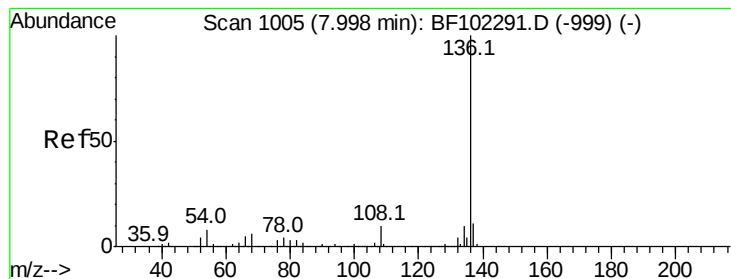
Tot Ion: 70 Resp: 194852
Ion Ratio Lower Upper
70 100
42 64.4 47.5 71.3
101 9.8 7.4 11.2
130 19.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 24.252 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:107 Resp: 295838
Ion Ratio Lower Upper
107 100
108 86.7 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# 1006

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 694909

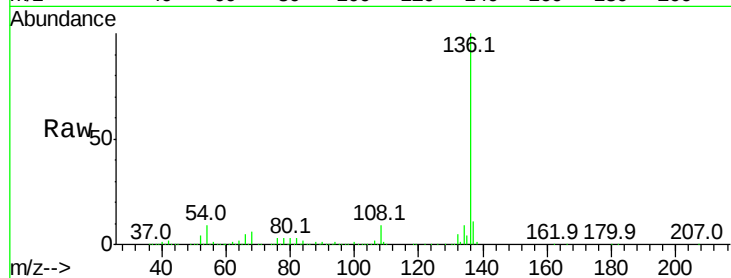
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 6.3 5.0 7.4

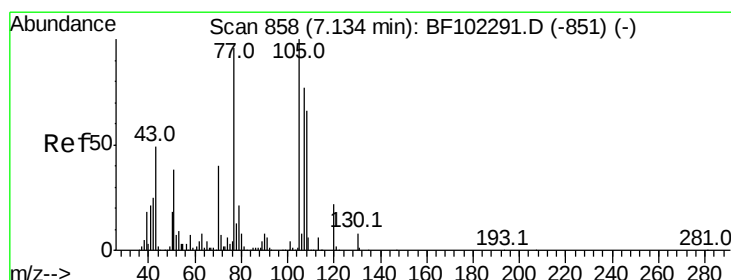
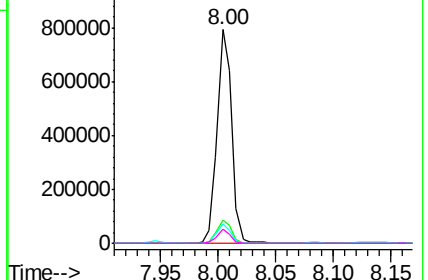
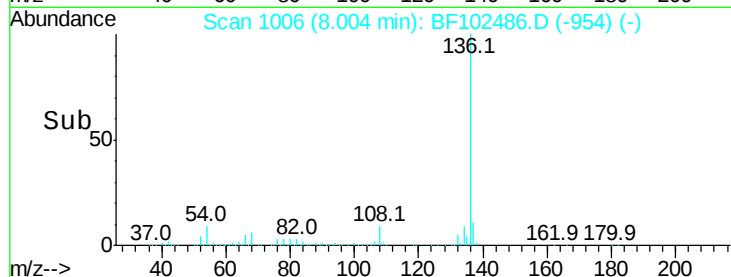


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.534 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Tgt Ion:105 Resp: 389851

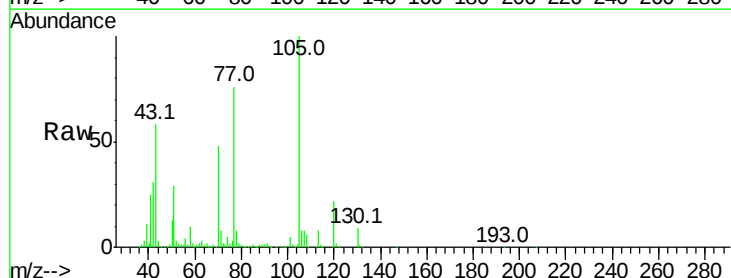
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 29.4 22.3 33.5

120 21.6 16.9 25.3

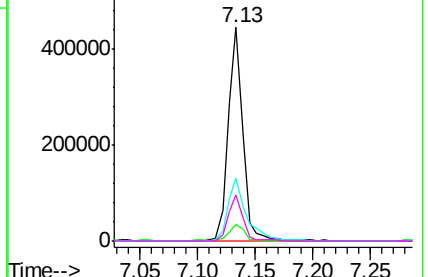
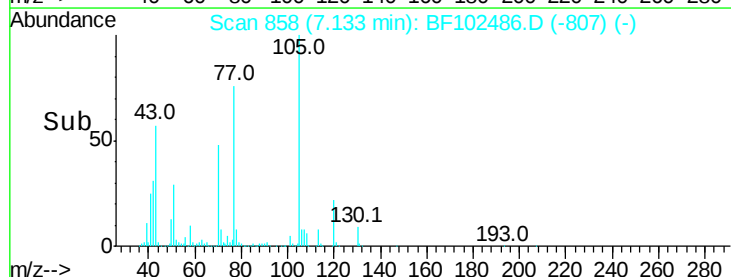


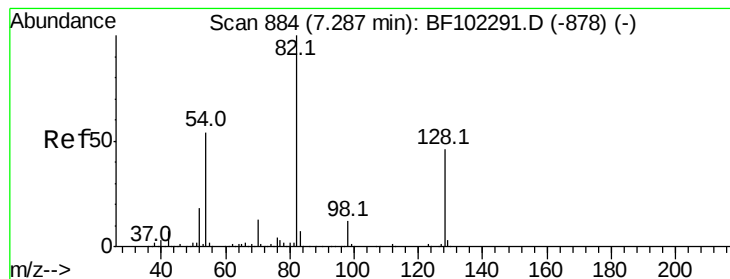
Abundance Ion 105.00 (104.70 to 105.70): E

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: 39.794 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

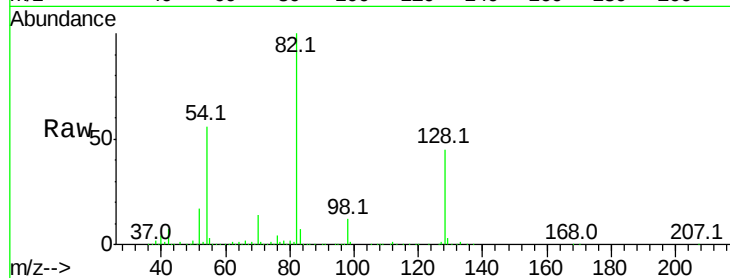
Tot Ion: 82 Resp: 481199

Ion Ratio Lower Upper

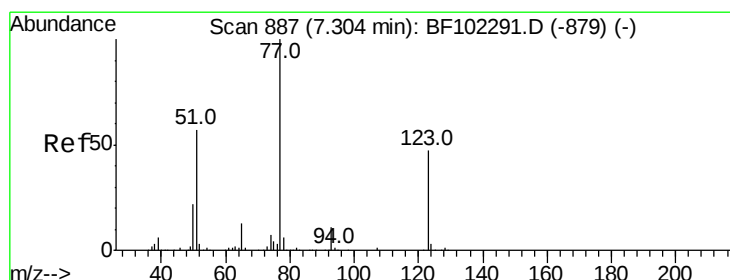
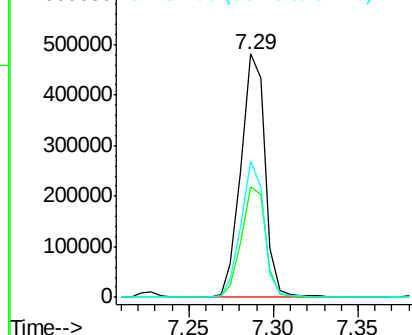
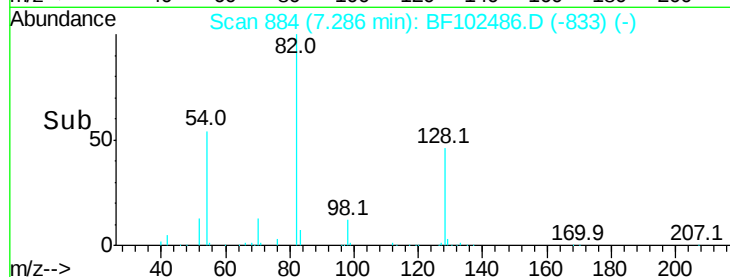
82 100

128 45.4 36.1 54.1

54 55.9 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: 19.815 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

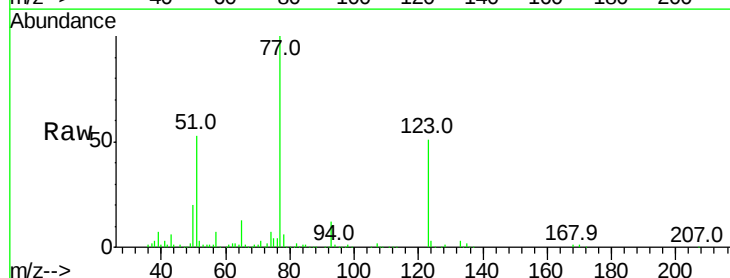
Tgt Ion: 77 Resp: 245204

Ion Ratio Lower Upper

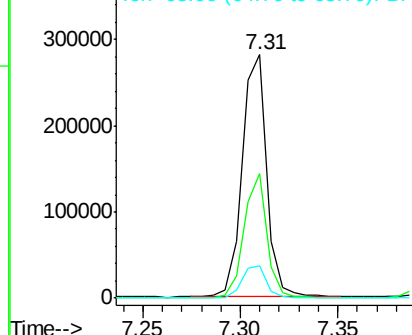
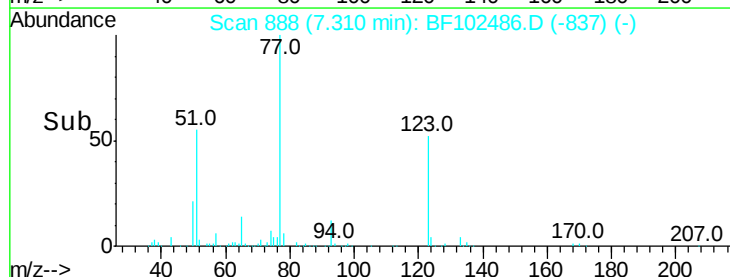
77 100

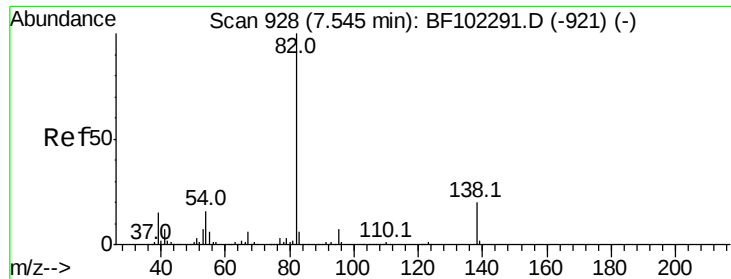
123 51.0 37.9 56.9

65 13.3 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: 23.755 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

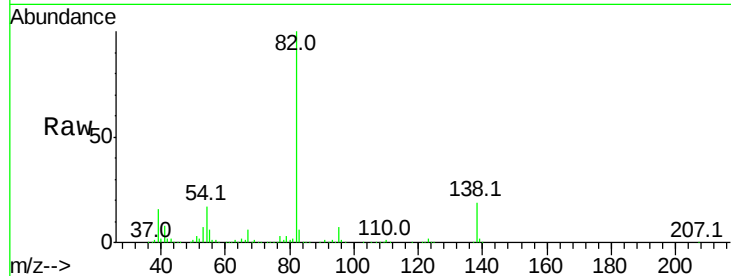
Tot Ion: 82 Resp: 512112

Ion Ratio Lower Upper

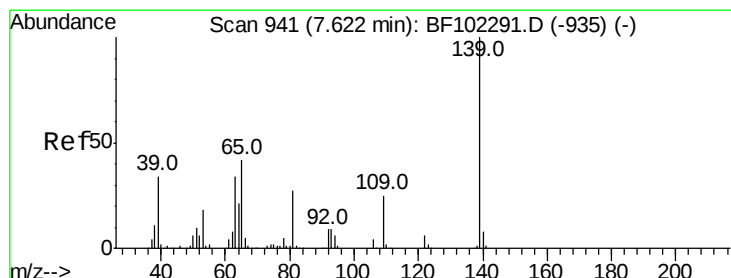
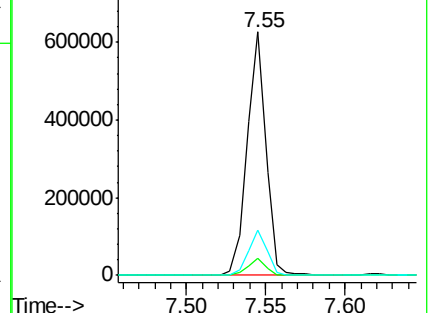
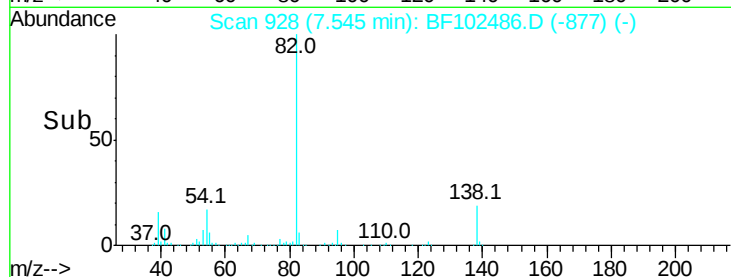
82 100

95 6.9 5.2 7.8

138 18.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 3.030 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

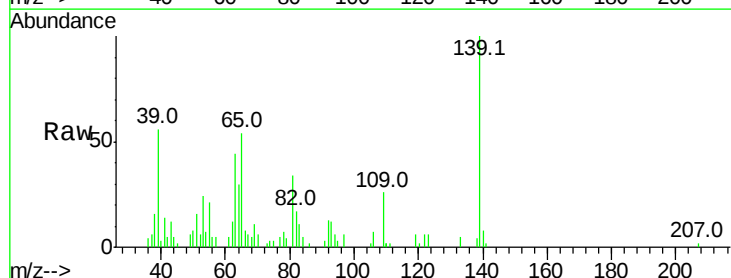
Tgt Ion: 139 Resp: 19732

Ion Ratio Lower Upper

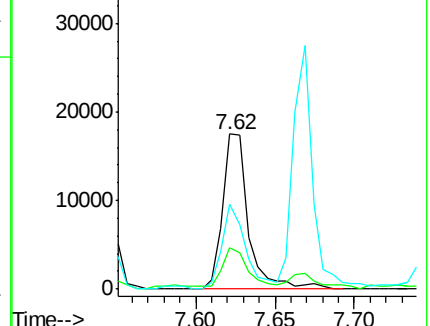
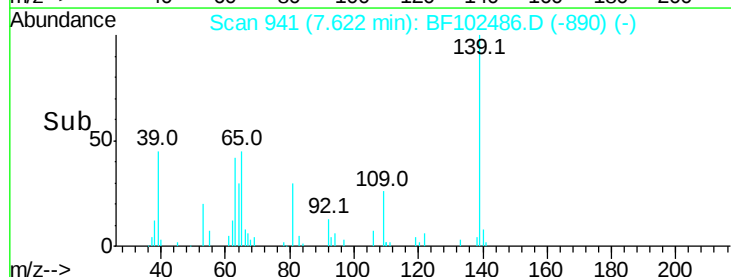
139 100

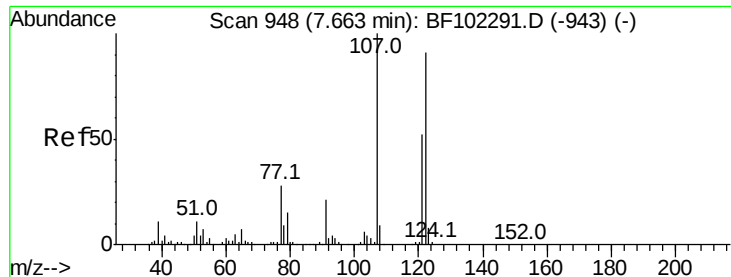
109 26.3 22.7 34.1

65 54.5 40.5 60.7



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

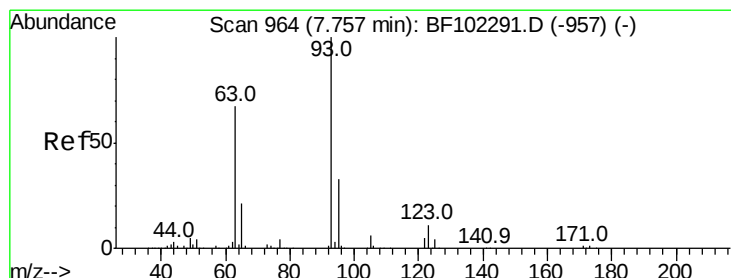
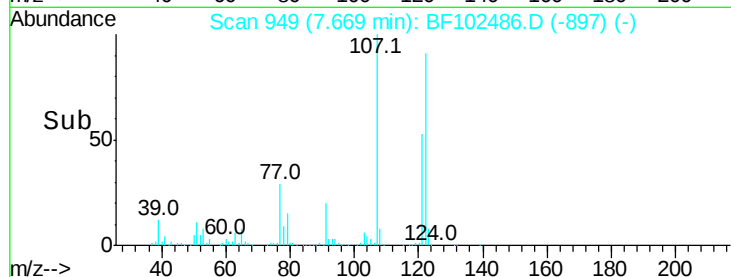
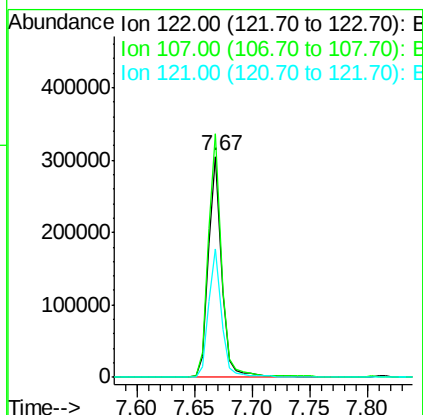
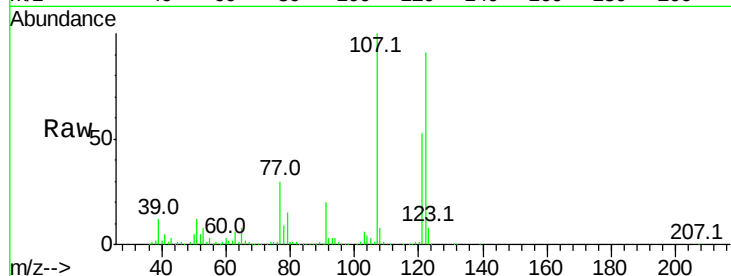




#27
2,4-Dimethylphenol
Concen: 26.140 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

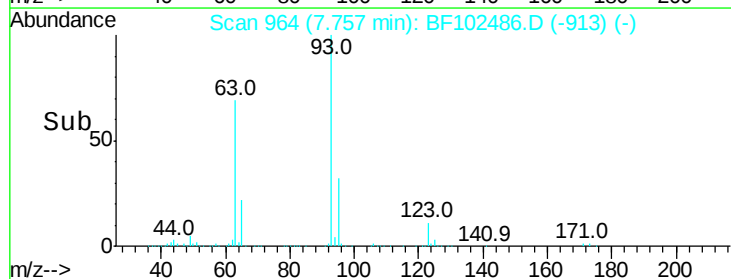
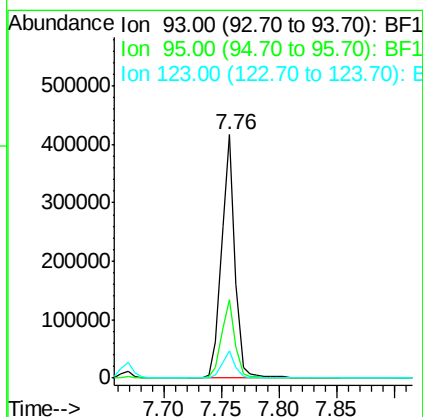
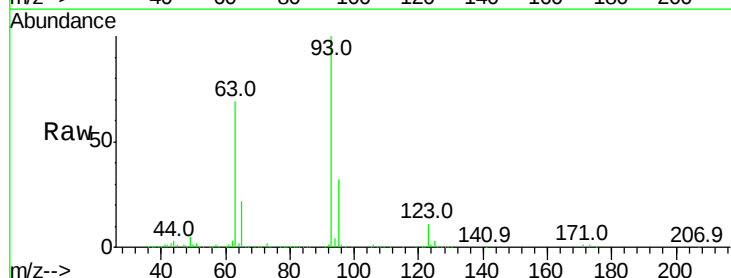
Instrument :
BNA_F
ClientSampleId :

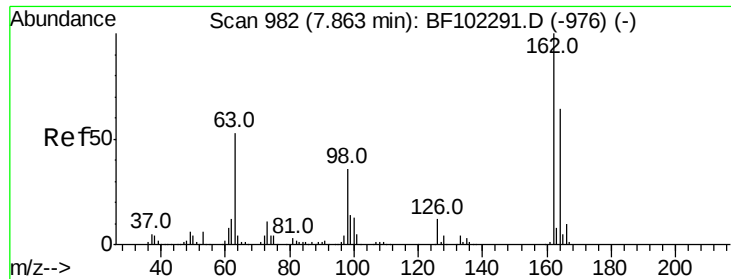
Tot Ion:122 Resp: 247215
Ion Ratio Lower Upper
122 100
107 110.1 91.2 136.8
121 57.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 25.326 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion: 93 Resp: 337263
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 11.0 9.8 14.6

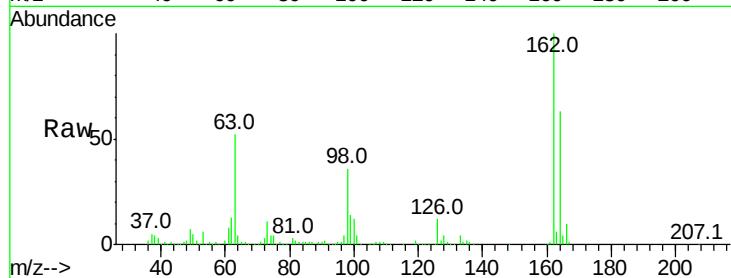




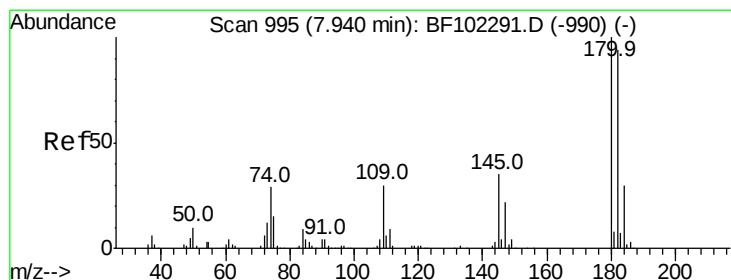
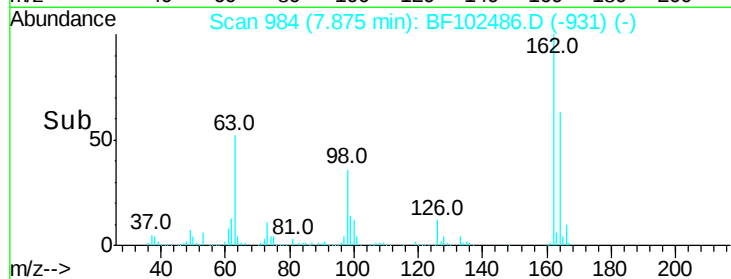
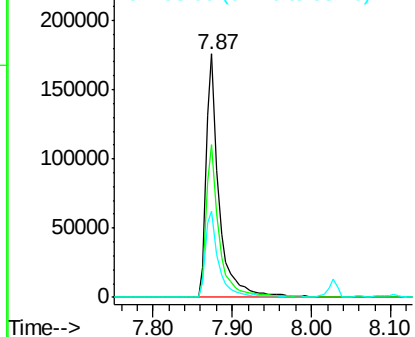
#29
2,4-Dichlorophenol
Concen: 20.924 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 201568
Ion Ratio Lower Upper
162 100
164 62.7 42.7 82.7
98 35.6 18.1 58.1

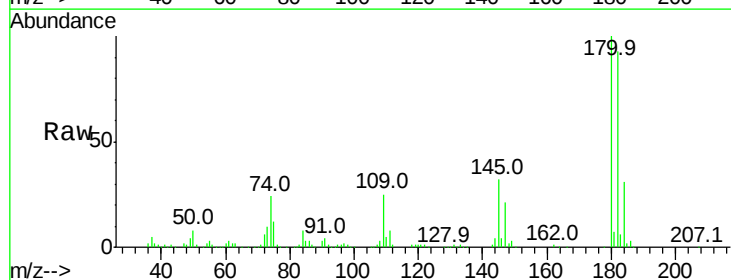


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

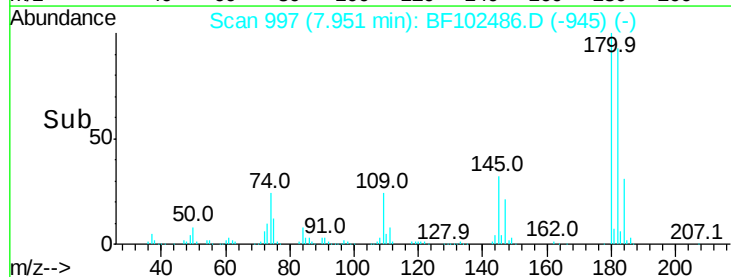
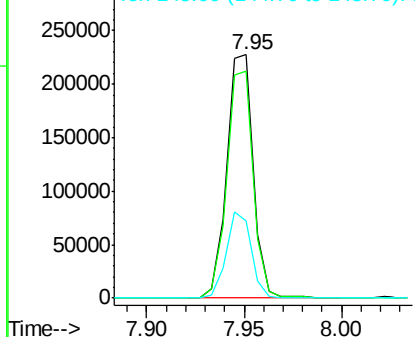


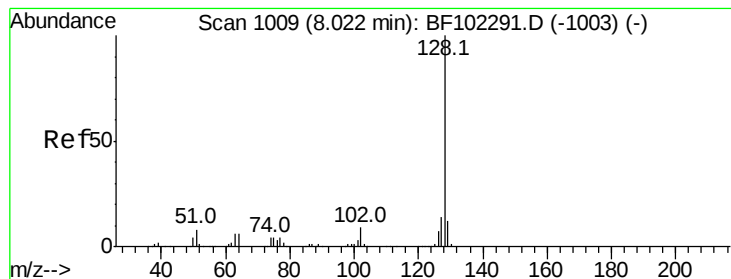
#30
1,2,4-Trichlorobenzene
Concen: 20.653 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:180 Resp: 213280
Ion Ratio Lower Upper
180 100
182 93.3 76.8 115.2
145 31.8 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: 22.322 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

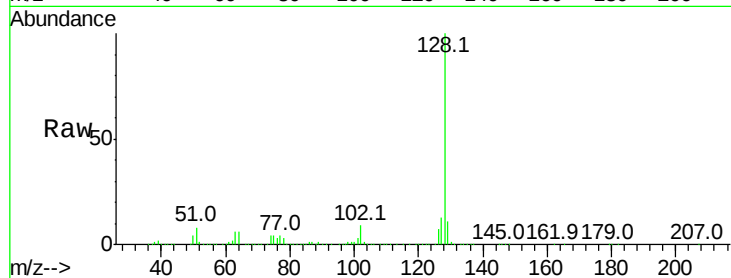
Tot Ion:128 Resp: 774493

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

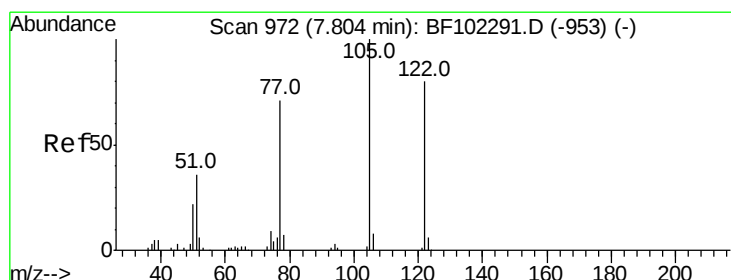
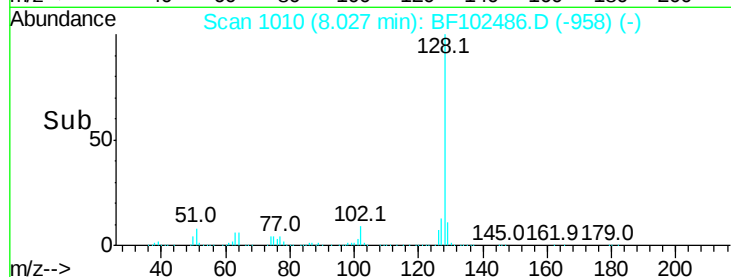
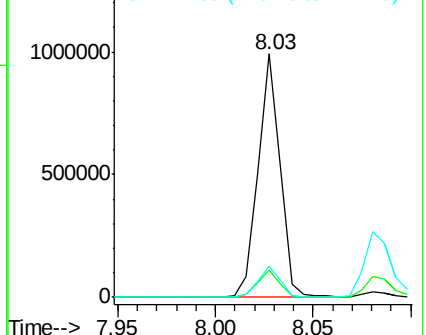
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.200 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.14 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

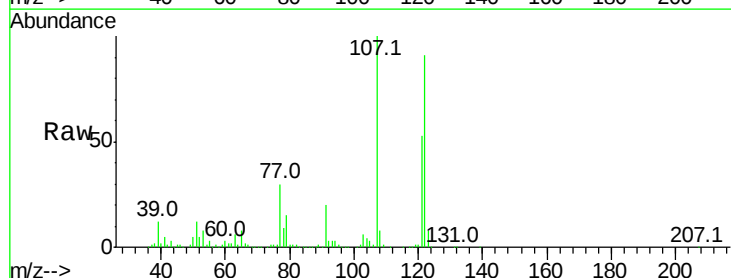
Tgt Ion:122 Resp: 247215

Ion Ratio Lower Upper

122 100

105 3.8 101.1 141.1#

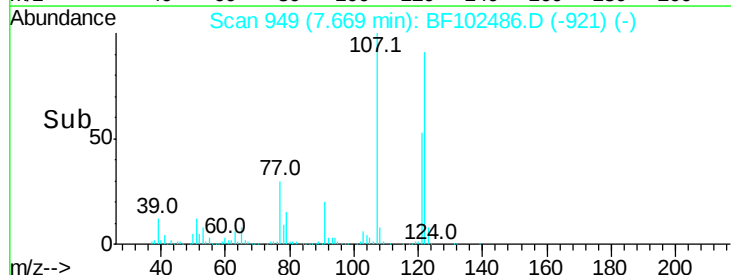
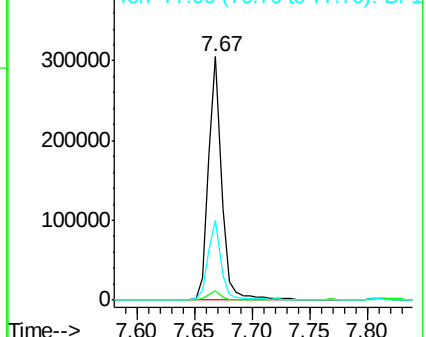
77 33.0 70.7 110.7#

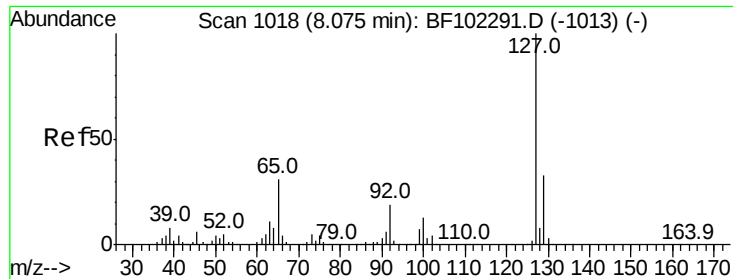


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

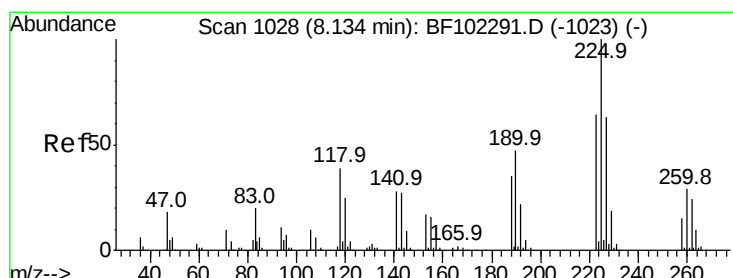
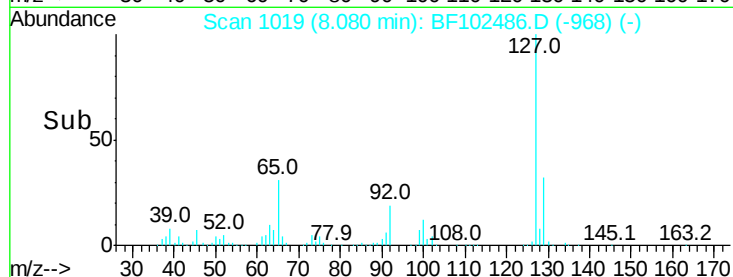
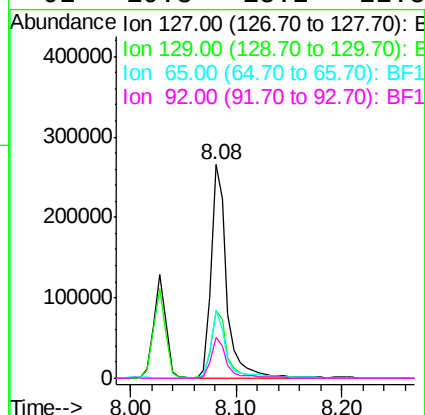
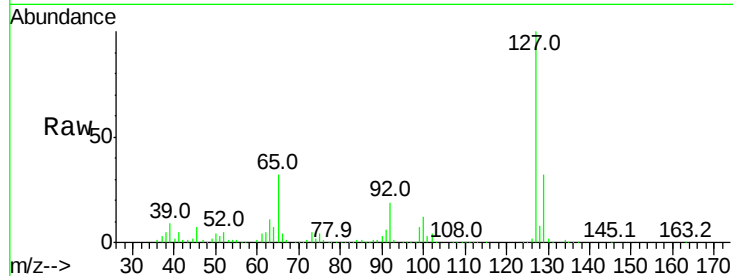




#33
4-Chloroaniline
Concen: 18.834 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

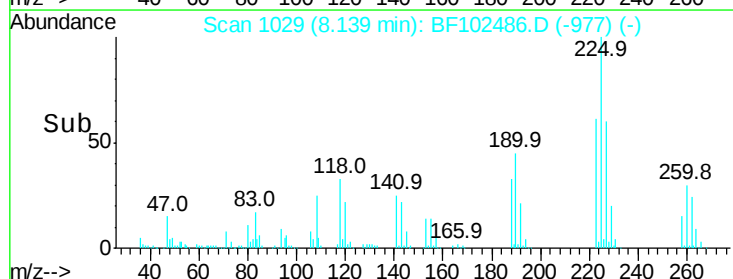
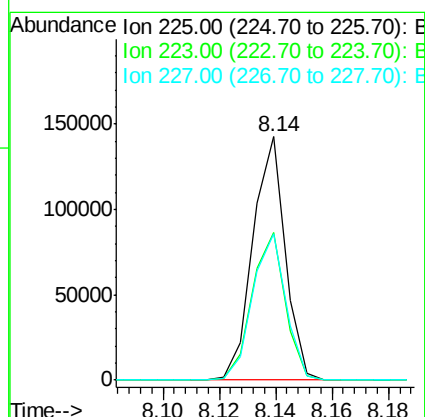
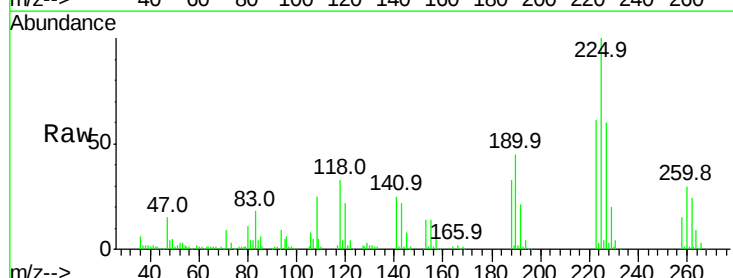
Instrument :
BNA_F
ClientSampleId :

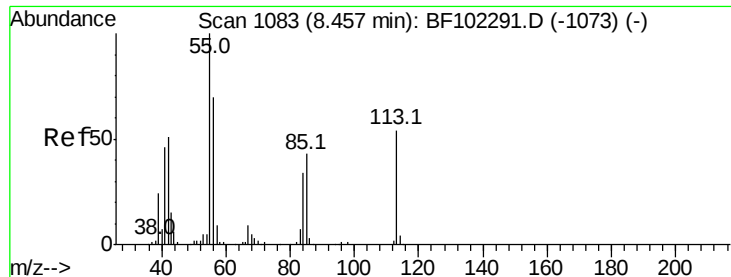
Tot Ion:	127	Resp:	274794
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	31.9	25.0	37.4
92	19.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 20.566 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:	225	Resp:	113430
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.6	76.0
227	60.3	51.9	77.9





#35

Caprolactam

Concen: 19.535 ng

RT: 8.43 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

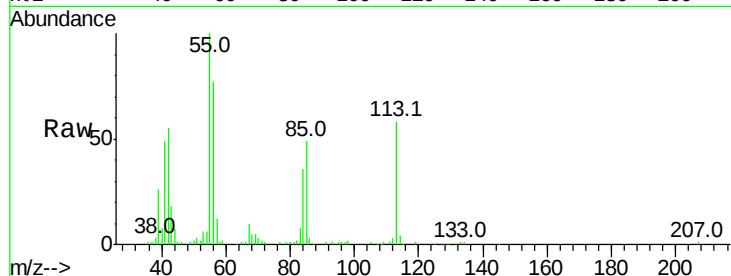
Tot Ion:113 Resp: 62152

Ion Ratio Lower Upper

113 100

55 173.0 163.3 203.3

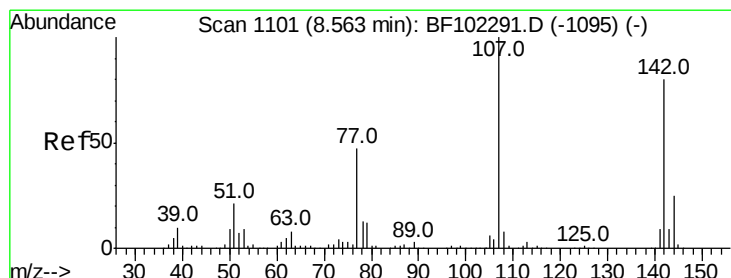
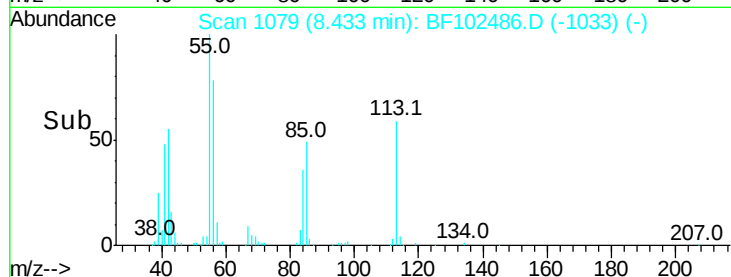
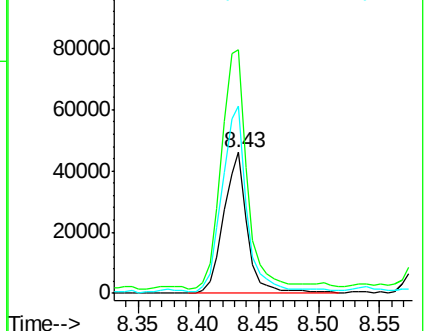
56 132.8 115.7 155.7



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: 21.742 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

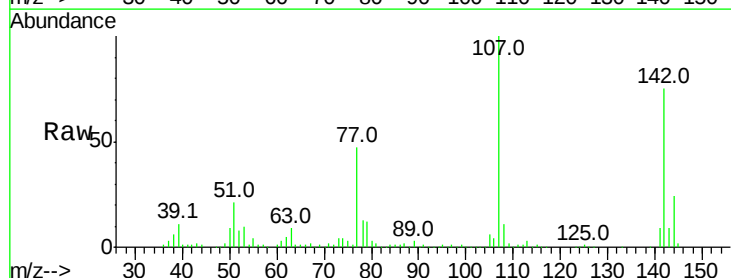
Tgt Ion:107 Resp: 220775

Ion Ratio Lower Upper

107 100

144 23.9 20.5 30.7

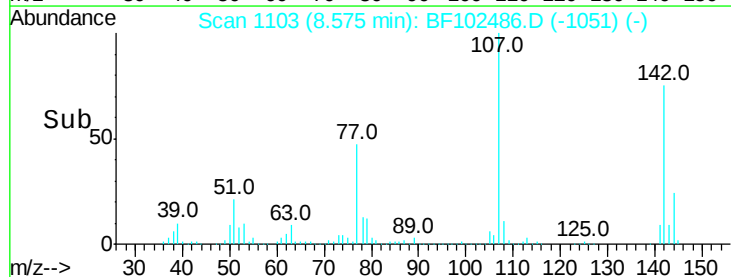
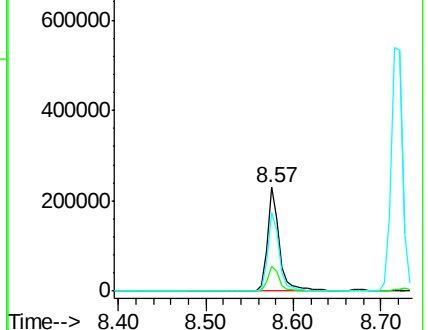
142 75.2 62.0 93.0

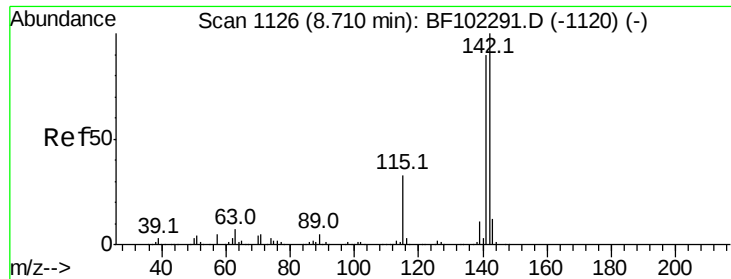


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

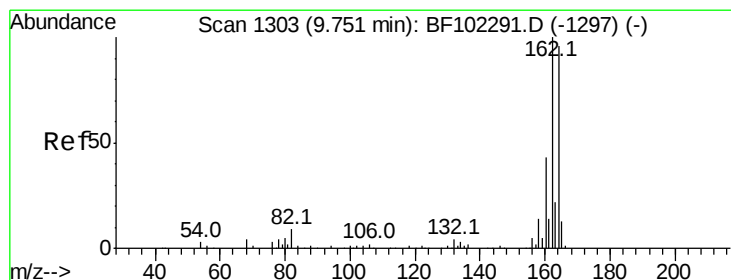
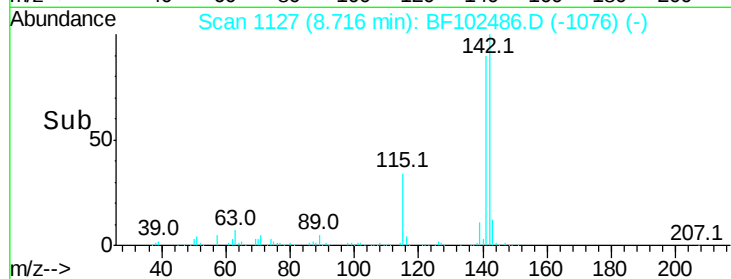
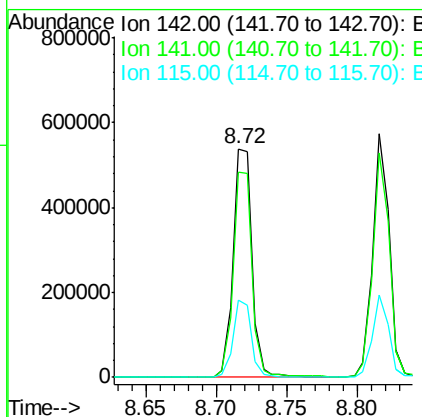
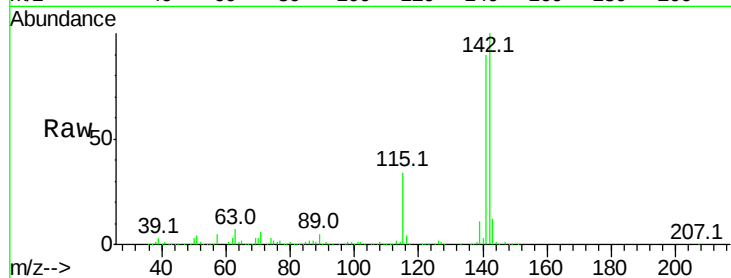




#37
2-Methylnaphthalene
Concen: 21.912 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

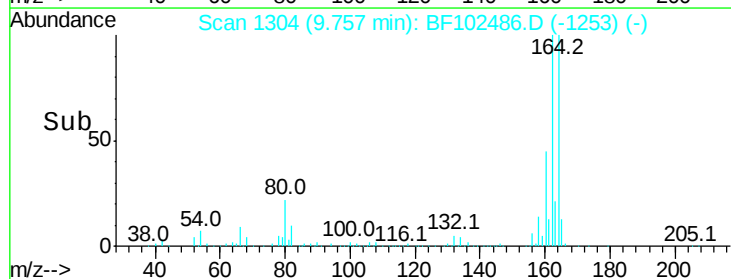
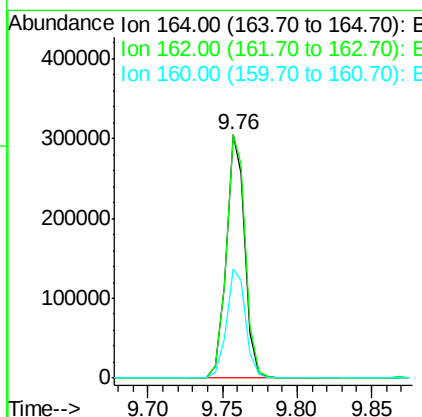
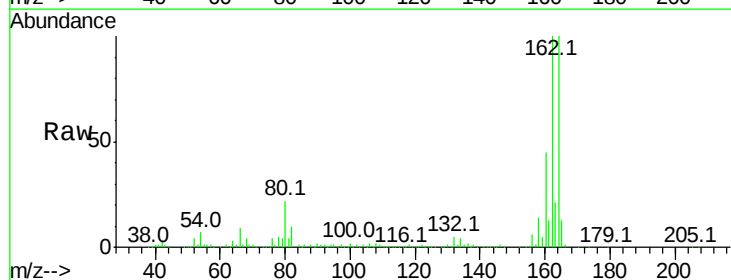
Instrument :
BNA_F
ClientSampleId :

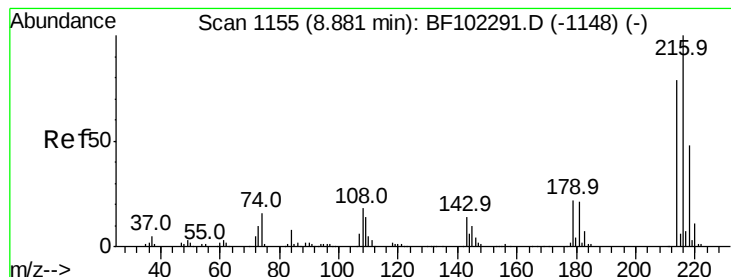
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	33.5	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	86.1	129.1
160	44.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.164 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 187348

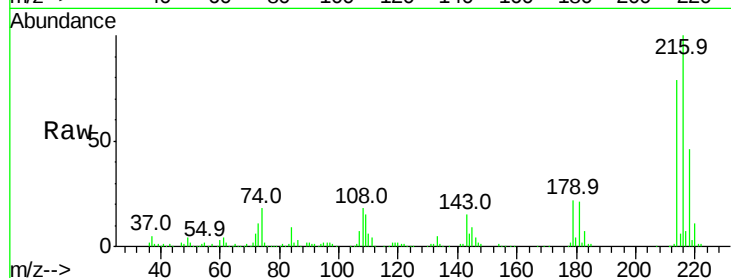
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.2 18.1 27.1

108 19.3 17.2 25.8

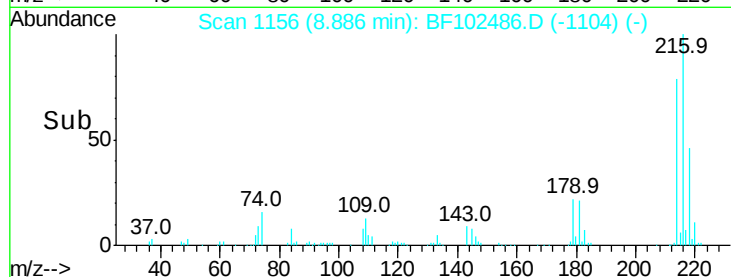


Abundance Ion 216.00 (215.70 to 216.70): E

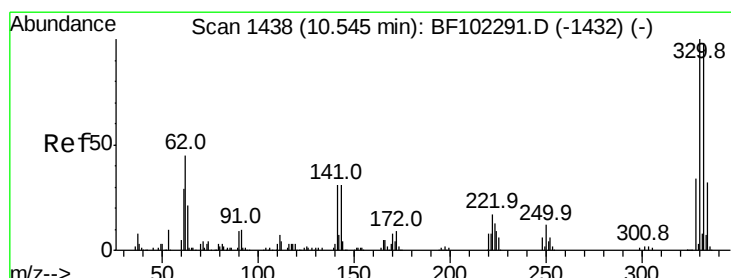
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 39.322 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

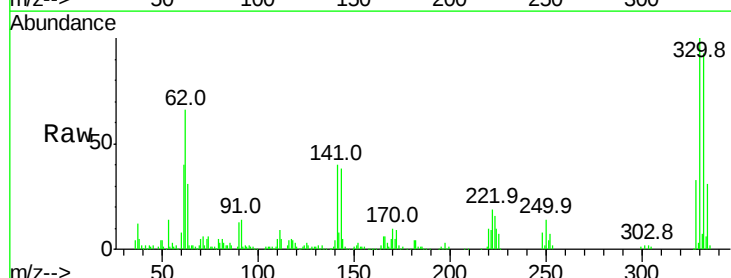
Tgt Ion:330 Resp: 104740

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

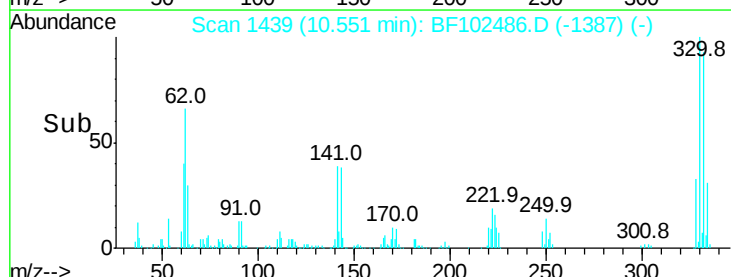
141 40.5 29.9 44.9



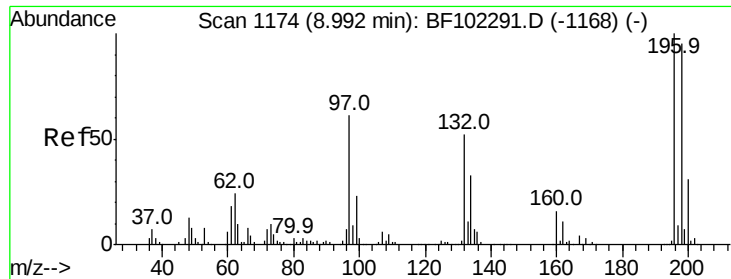
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



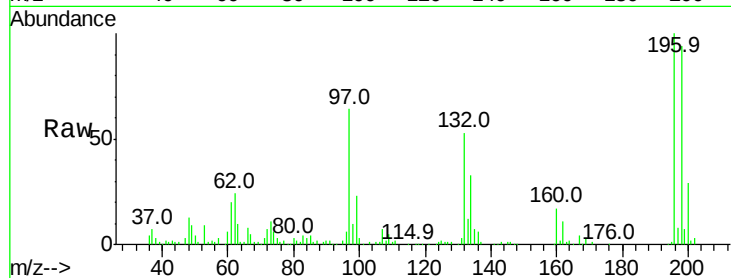
Time-->



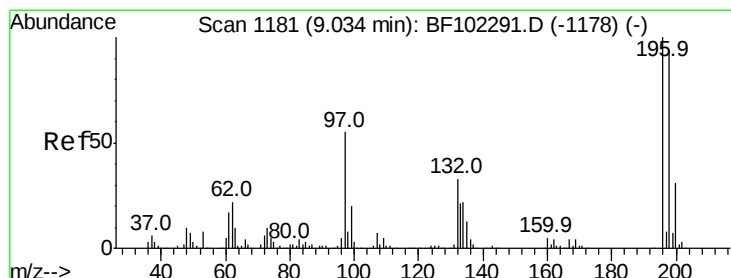
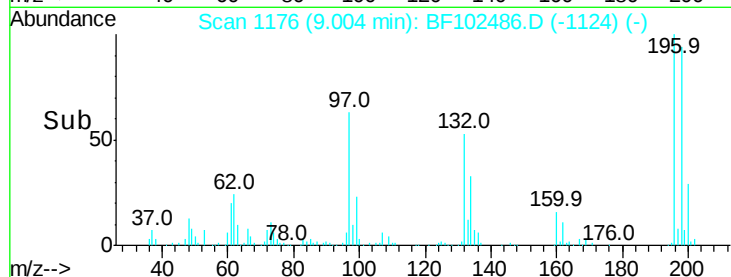
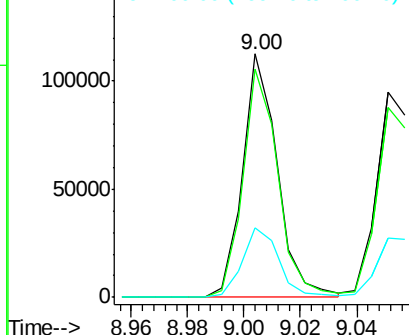
#42
 2,4,6-Trichlorophenol
 Concen: 17.821 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF102486.D
 Acq: 26 Jan 2018 23:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 96485
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 200 28.7 24.5 36.7



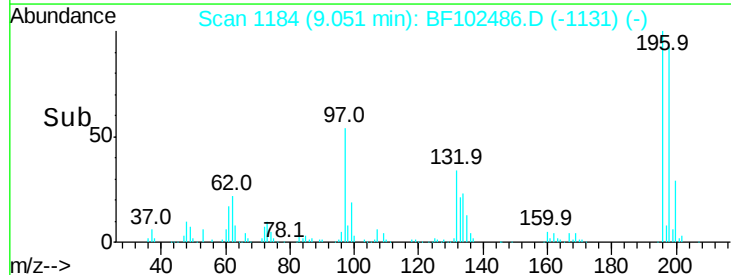
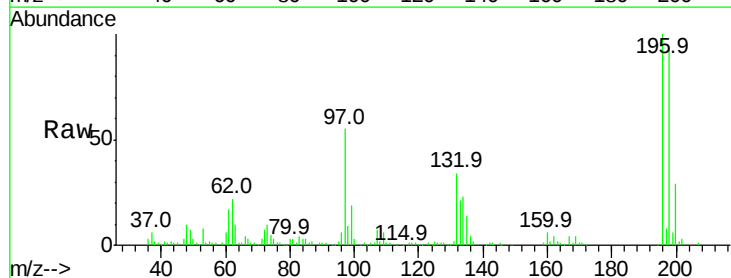
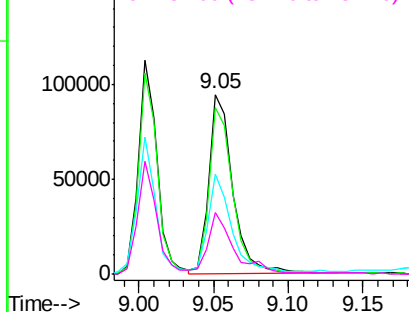
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

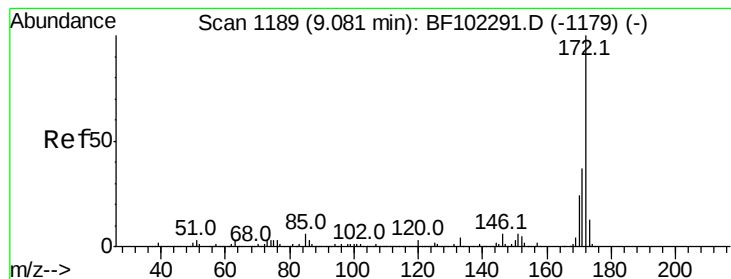


#43
 2,4,5-Trichlorophenol
 Concen: 17.221 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF102486.D
 Acq: 26 Jan 2018 23:10

Tgt Ion:196 Resp: 104979
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.6 112.0
 97 55.3 42.9 64.3
 132 34.4 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: 47.609 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampled :

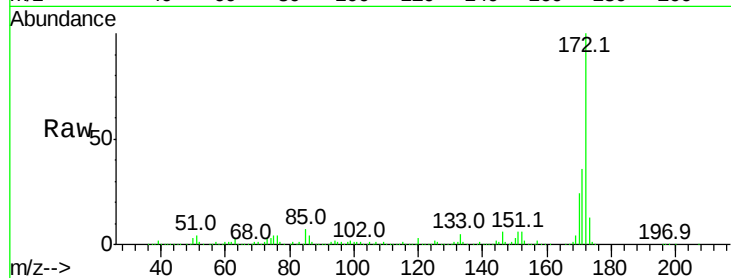
Tot Ion:172 Resp: 870442

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

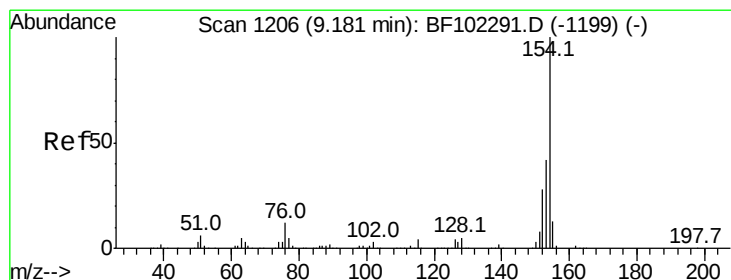
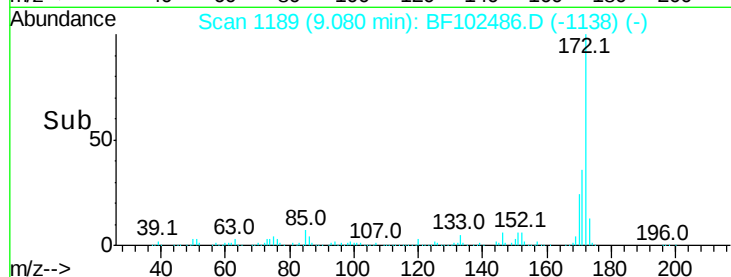
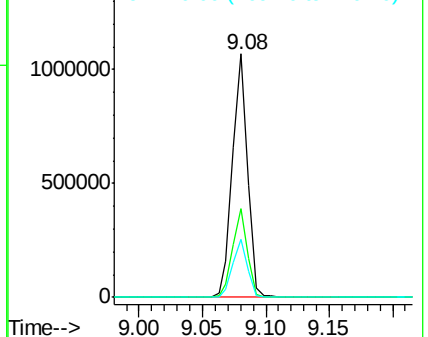
170 23.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 23.418 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

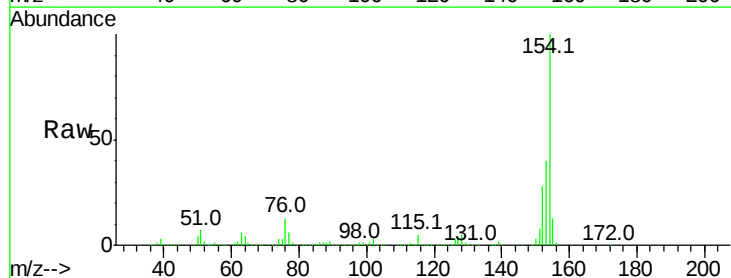
Tgt Ion:154 Resp: 562894

Ion Ratio Lower Upper

154 100

153 39.9 21.3 61.3

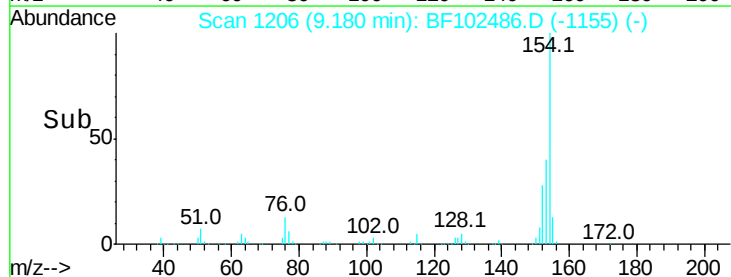
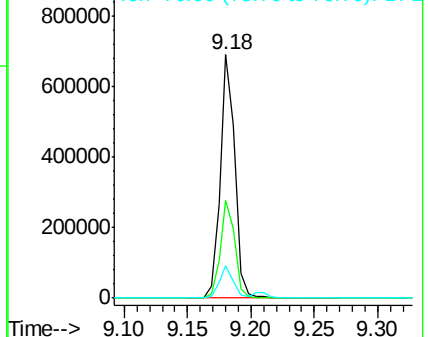
76 13.4 0.0 34.0

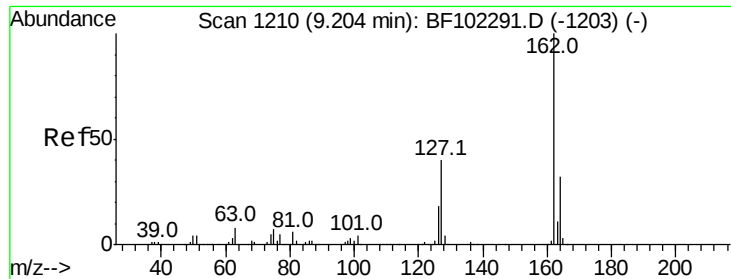


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

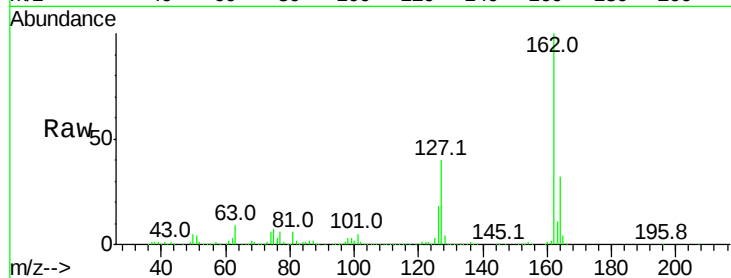




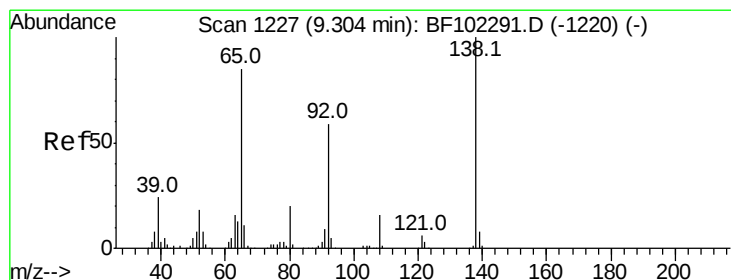
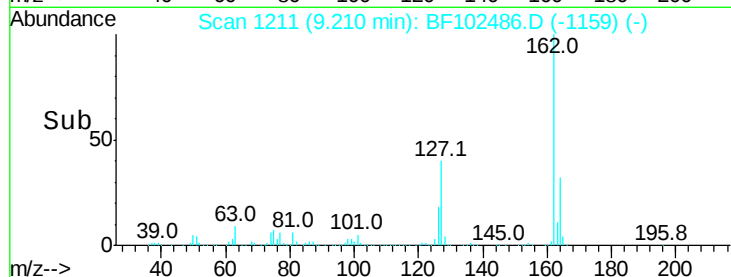
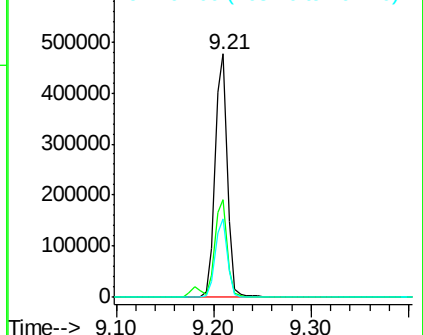
#46
2-Chloronaphthalene
Concen: 22.170 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 414228
Ion Ratio Lower Upper
162 100
127 39.9 33.9 50.9
164 32.3 26.5 39.7

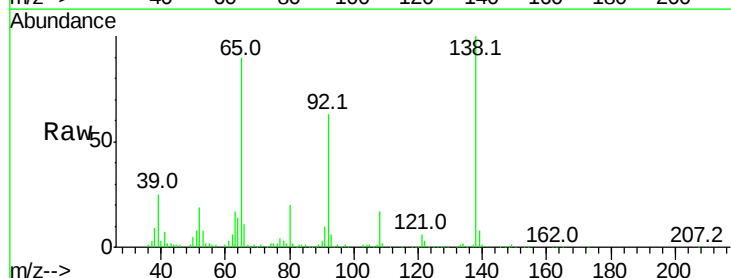


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

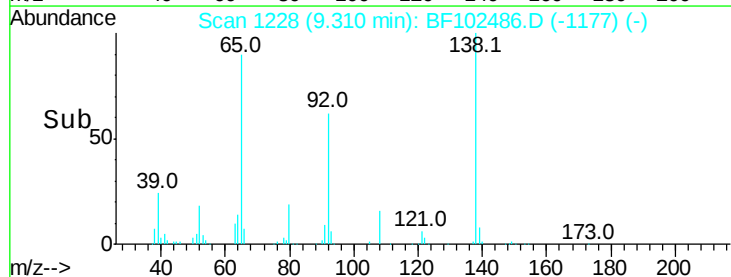
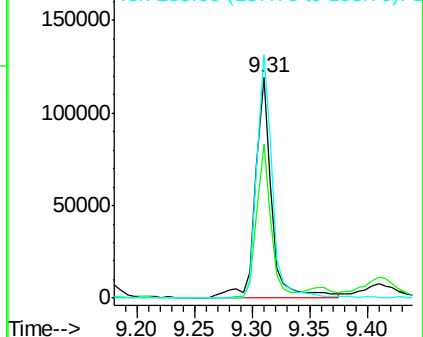


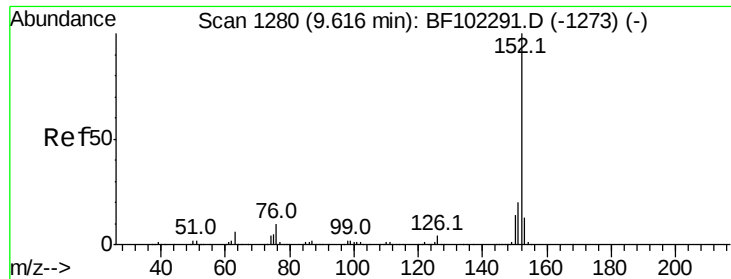
#47
2-Nitroaniline
Concen: 20.184 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion: 65 Resp: 117572
Ion Ratio Lower Upper
65 100
92 70.0 55.8 83.6
138 110.6 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 21.482 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampled :

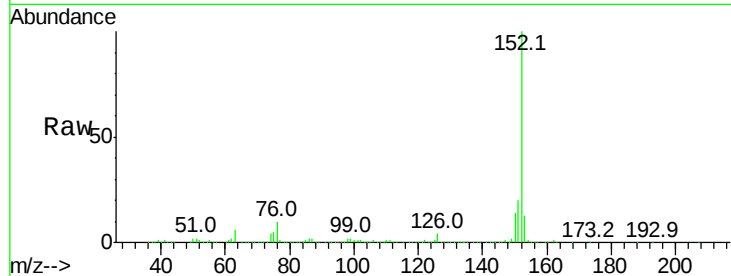
Tot Ion:152 Resp: 625298

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

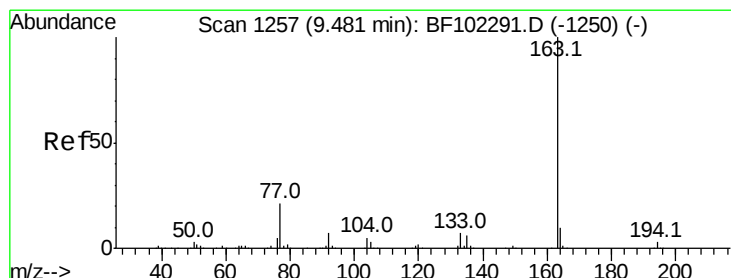
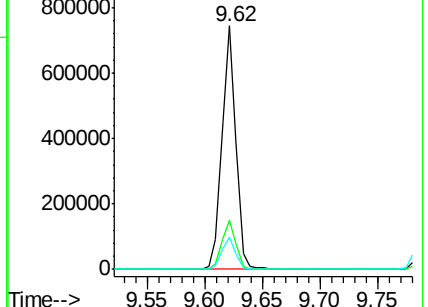
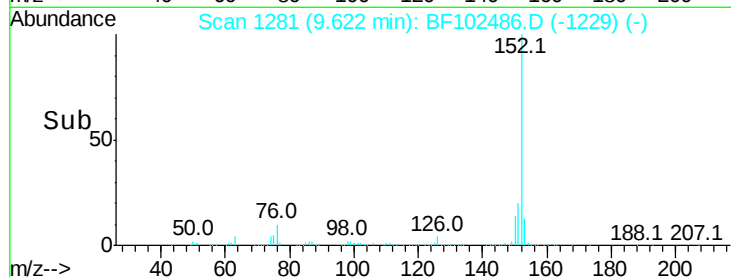
153 13.2 10.7 16.1



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: 28.650 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

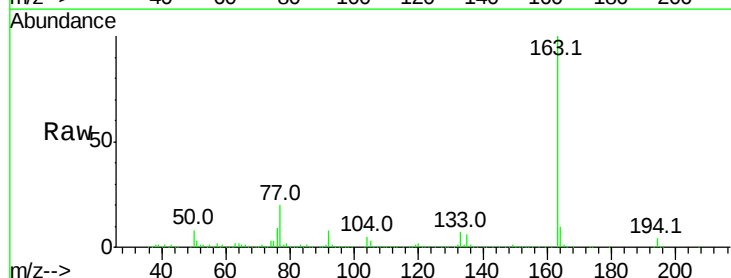
Tgt Ion:163 Resp: 636612

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

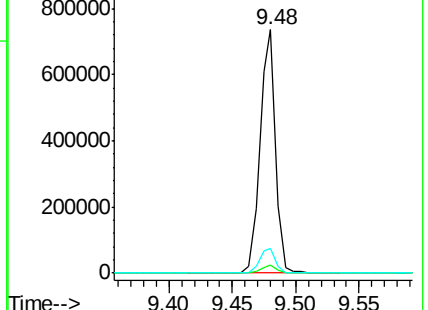
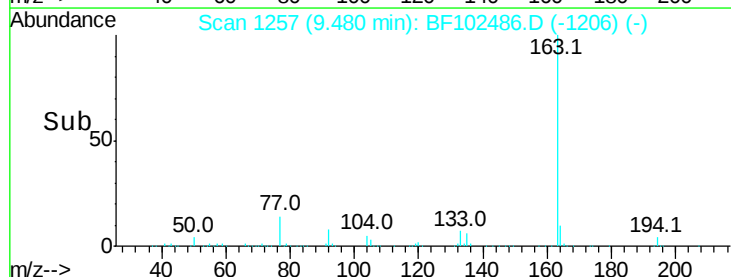
164 10.4 8.2 12.2

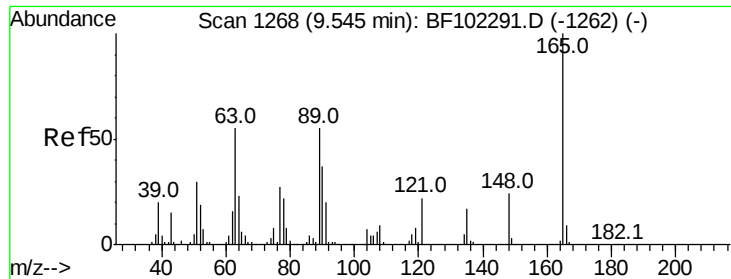


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

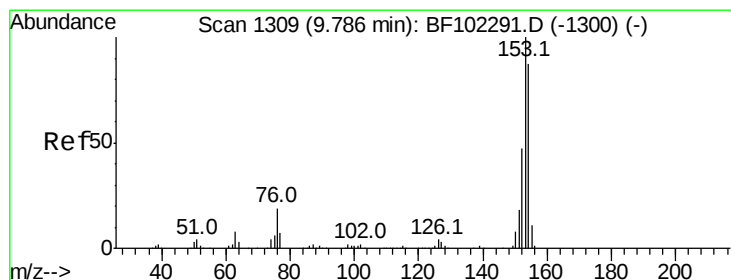
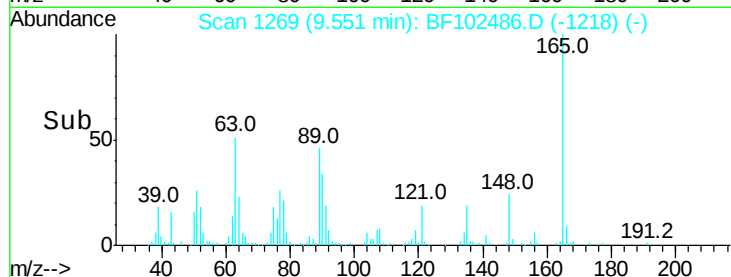
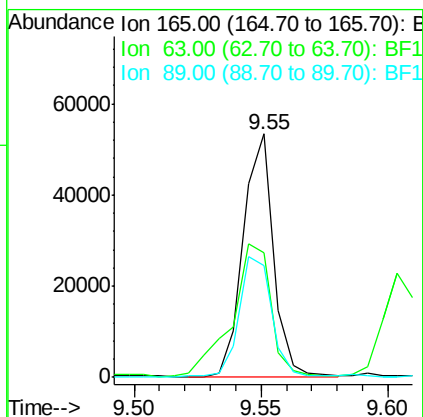
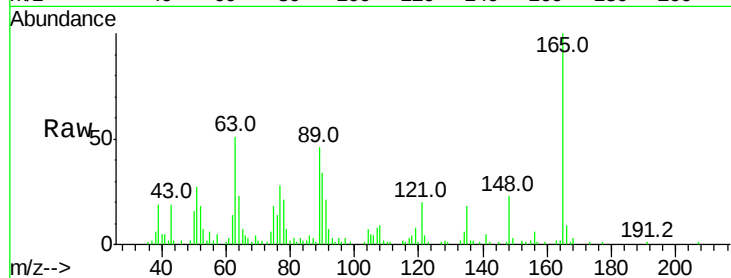




#50
2,6-Dinitrotoluene
Concen: 9.312 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

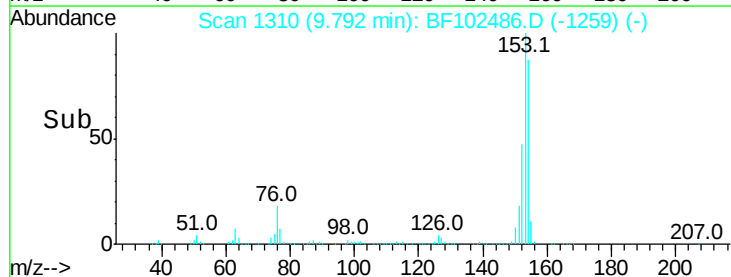
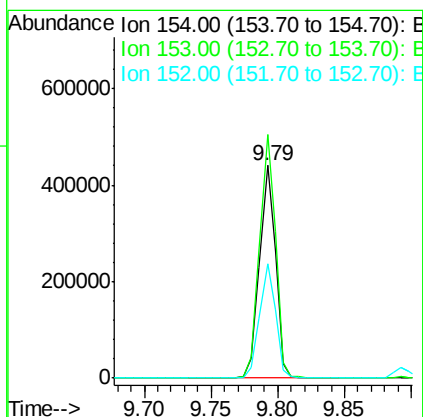
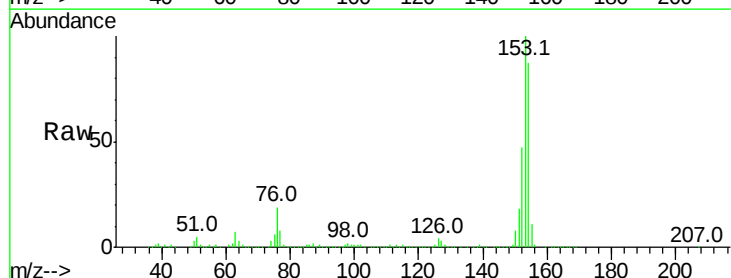
Instrument :
BNA_F
ClientSampleId :

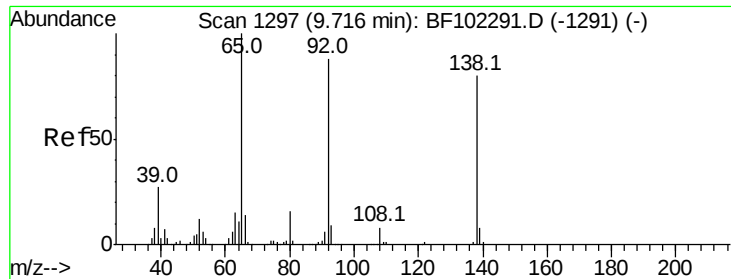
Tot Ion:165 Resp: 44610
Ion Ratio Lower Upper
165 100
63 51.2 44.7 67.1
89 45.7 44.0 66.0



#51
Acenaphthene
Concen: 21.129 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:154 Resp: 359193
Ion Ratio Lower Upper
154 100
153 114.5 91.2 136.8
152 53.7 43.8 65.8





#52

3-Nitroaniline

Concen: 19.630 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

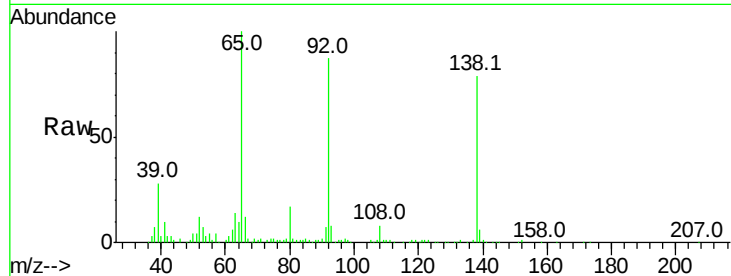
Tot Ion:138 Resp: 111250

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

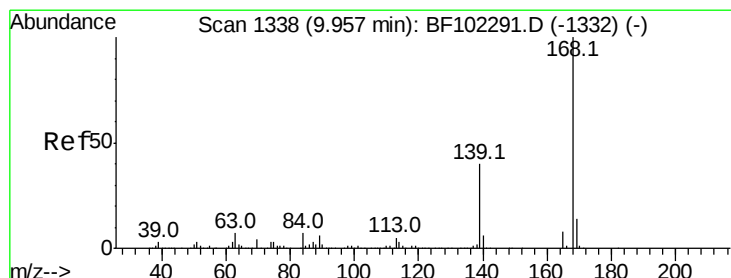
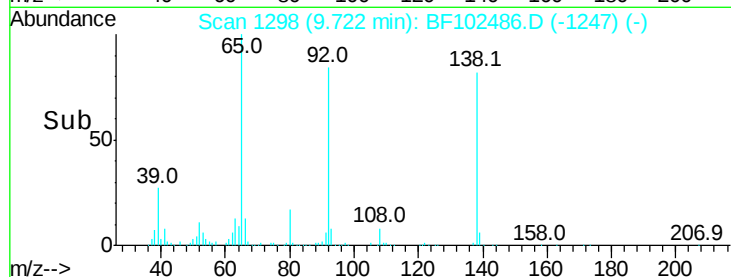
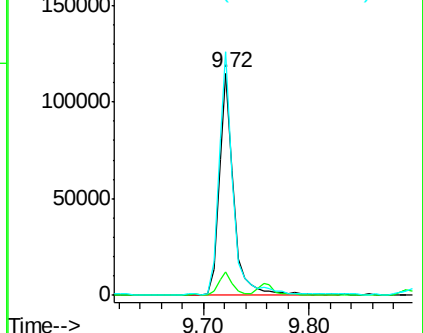
92 109.6 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

Dibenzofuran

Concen: 22.880 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

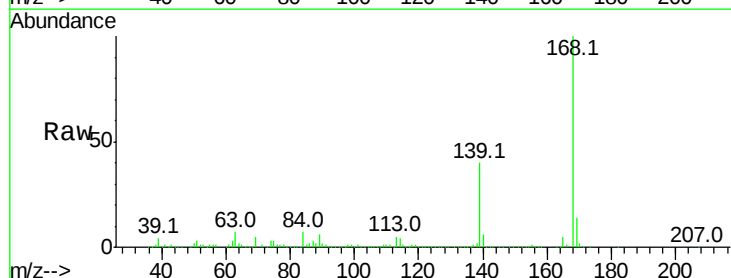
Tgt Ion:168 Resp: 526414

Ion Ratio Lower Upper

168 100

139 40.0 30.1 45.1

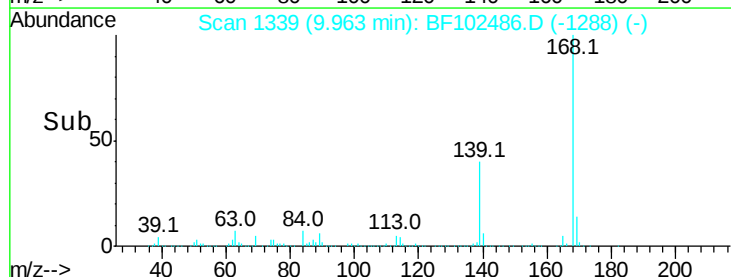
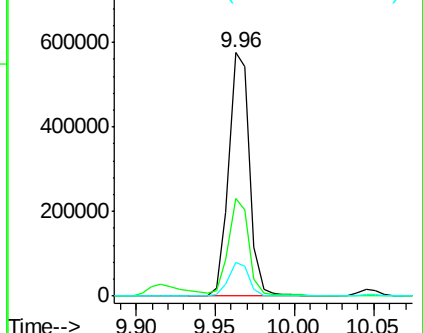
169 13.9 10.9 16.3

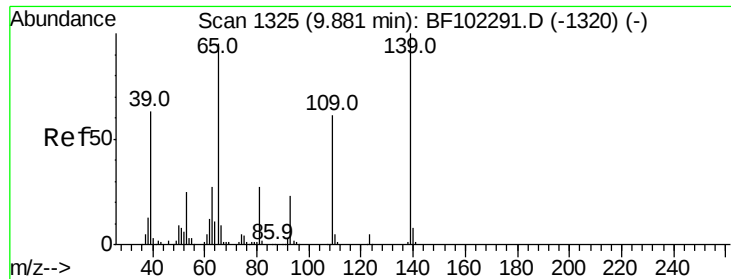


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 11.676 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.02 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

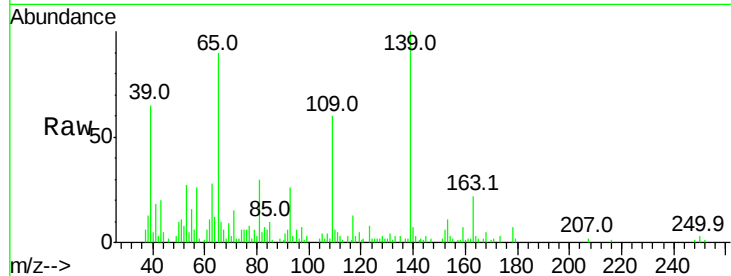
Tot Ion:139 Resp: 43680

Ion Ratio Lower Upper

139 100

109 59.9 48.4 88.4

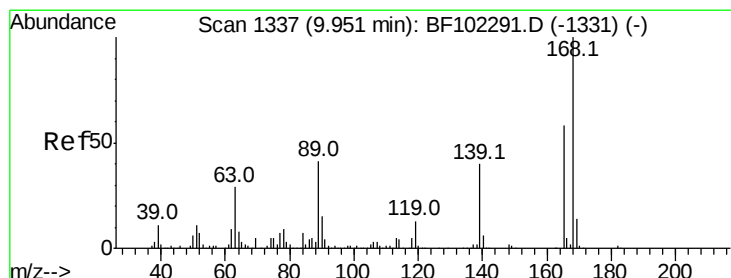
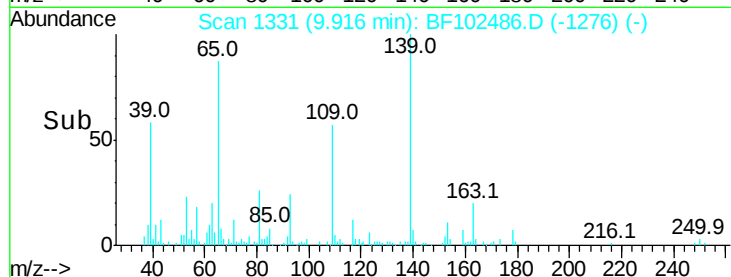
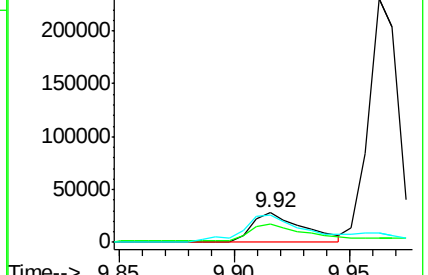
65 89.8 72.6 112.6



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: 7.336 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Tgt Ion:165 Resp: 43221

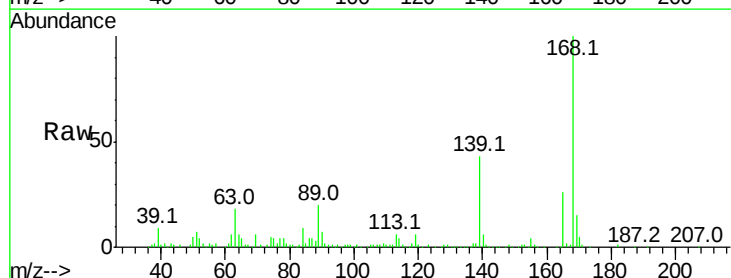
Ion Ratio Lower Upper

165 100

63 70.2 36.4 54.6#

89 80.1 57.8 86.6

182 2.2 1.6 2.4

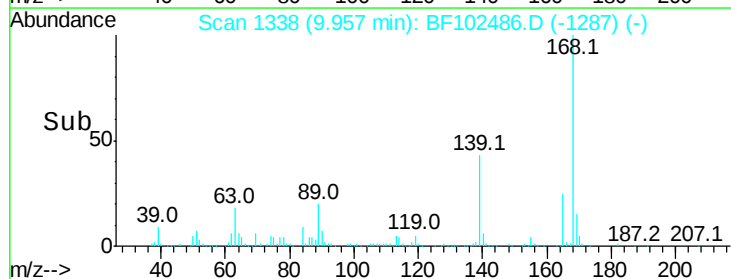
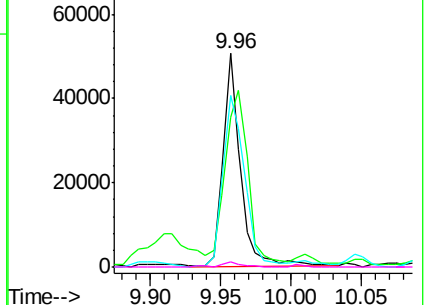


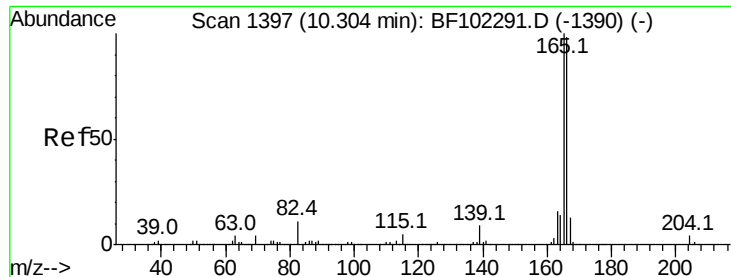
Abundance Ion 165.00 (164.70 to 165.70): E

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: 21.665 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

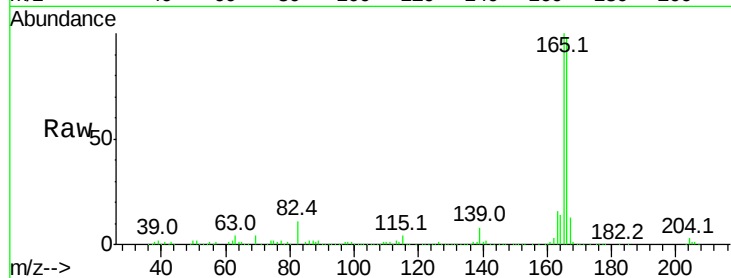
Tot Ion:166 Resp: 394974

Ion Ratio Lower Upper

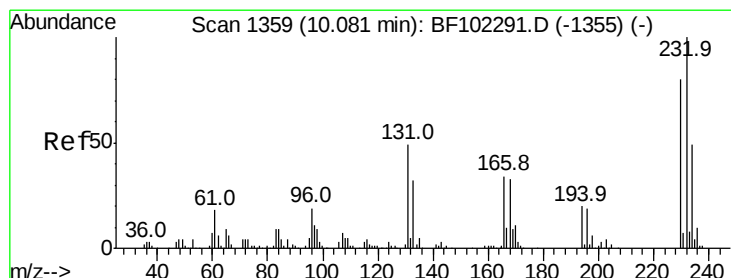
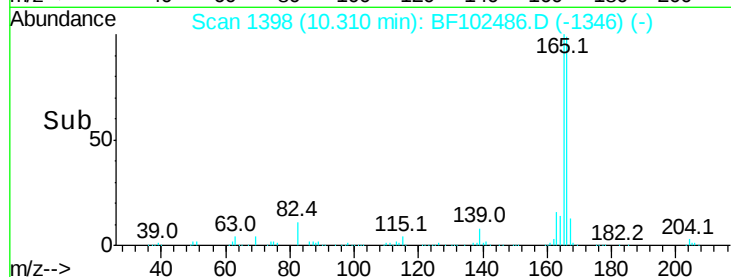
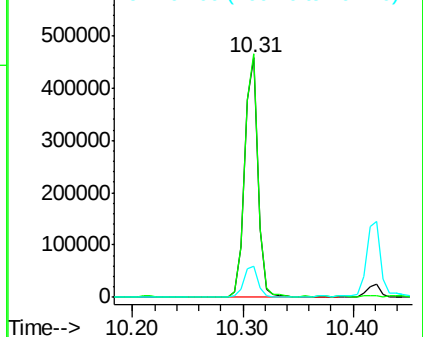
166 100

165 101.6 79.8 119.8

167 13.0 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: 13.947 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Tgt Ion:232 Resp: 60704

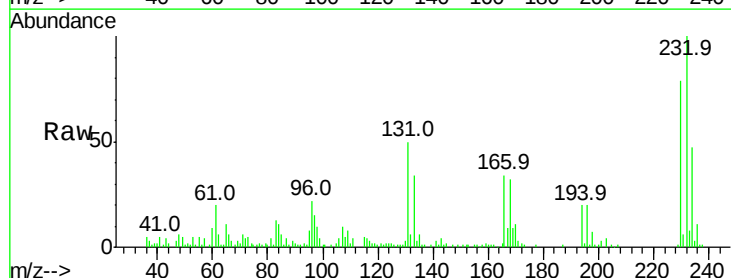
Ion Ratio Lower Upper

232 100

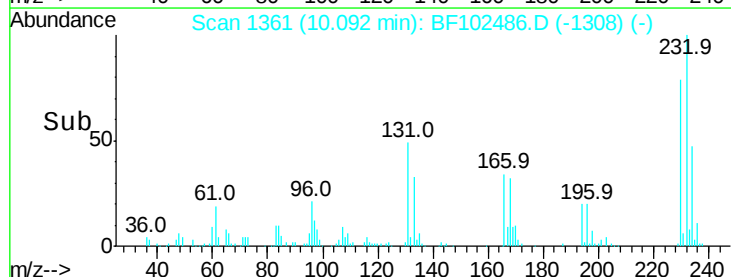
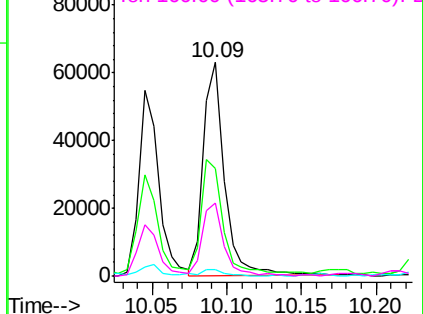
131 53.8 43.8 65.8

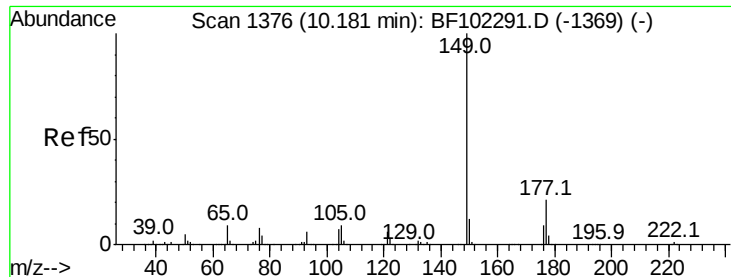
130 3.8 2.1 3.1#

166 35.7 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

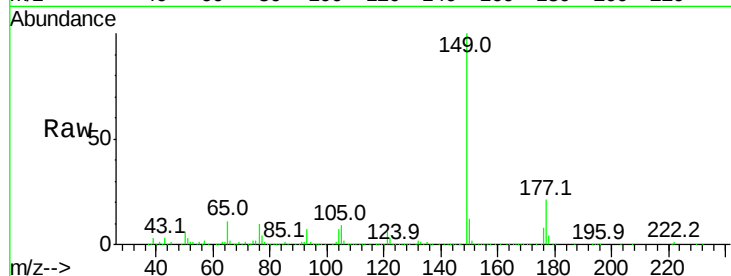




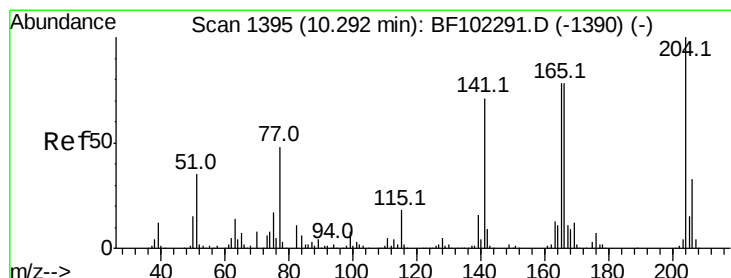
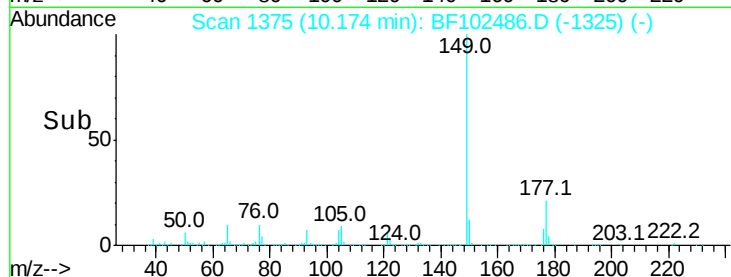
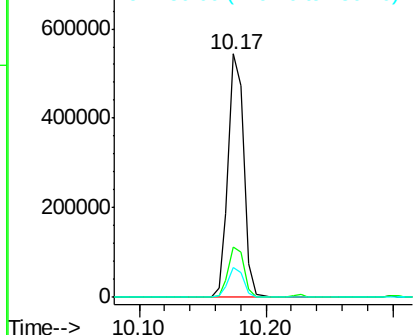
#59
Diethylphthalate
Concen: 21.465 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 463475
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.4 10.1 15.1

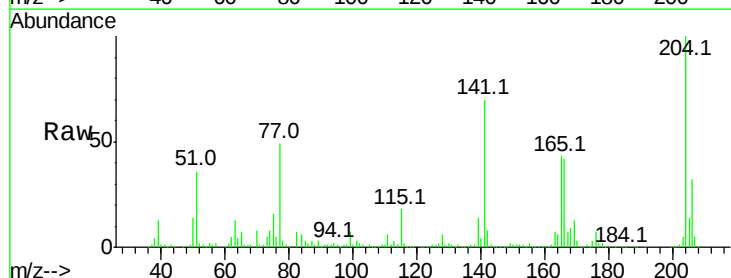


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

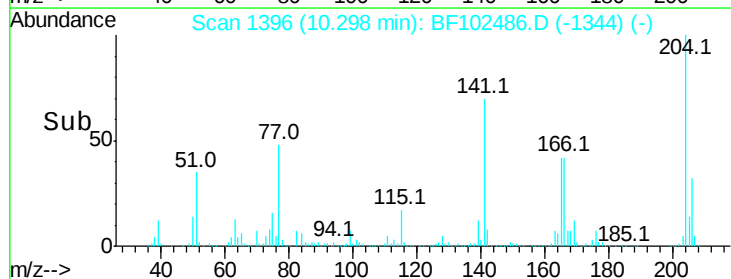
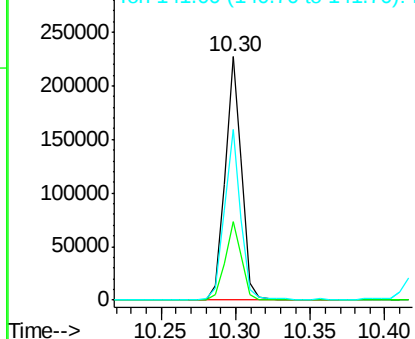


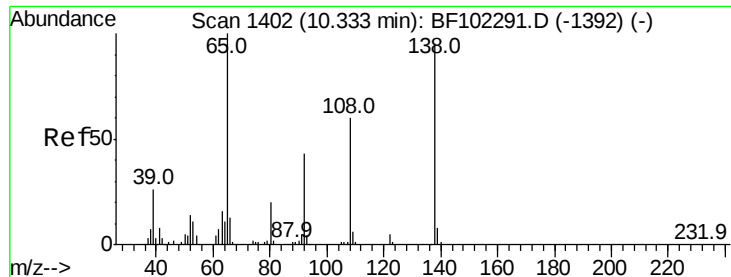
#60
4-Chlorophenyl-phenylether
Concen: 22.485 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:204 Resp: 177731
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 70.2 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: 19.822 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampled :

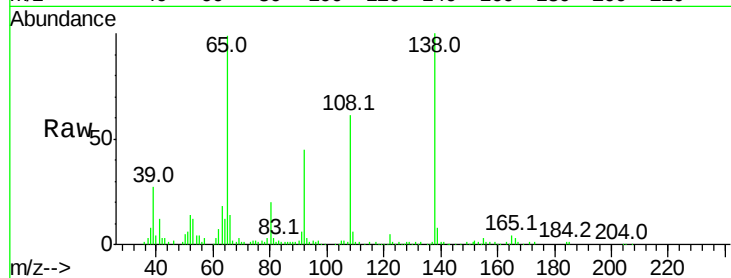
Tot Ion:138 Resp: 112094

Ion Ratio Lower Upper

138 100

92 45.2 30.2 70.2

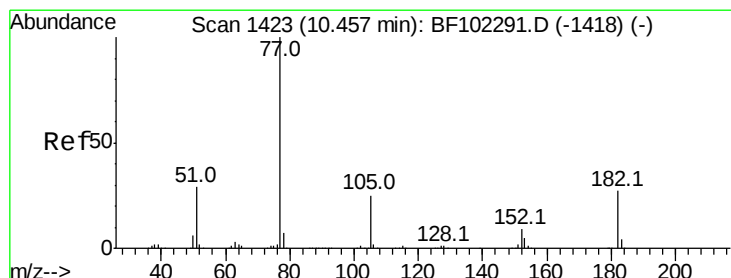
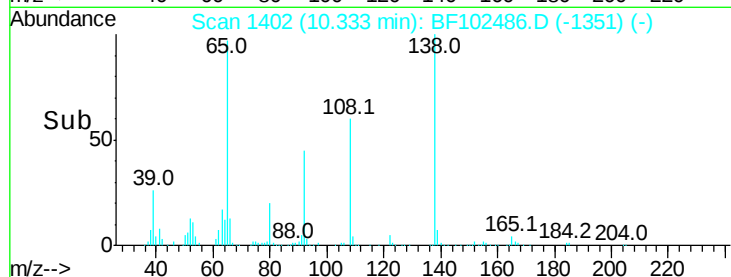
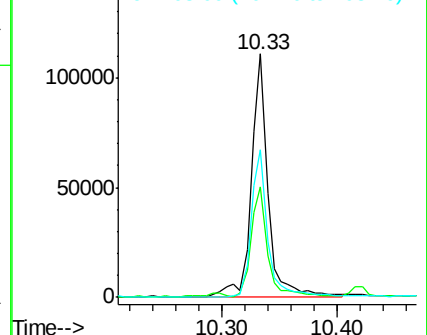
108 60.6 52.5 92.5



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: 19.845 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Tgt Ion: 77 Resp: 392322

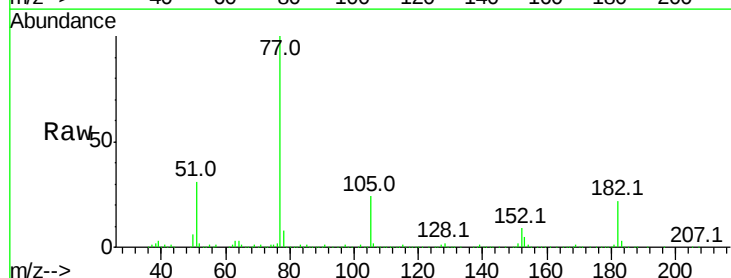
Ion Ratio Lower Upper

77 100

182 21.6 1.7 41.7

105 23.8 3.0 43.0

51 30.8 9.9 49.9

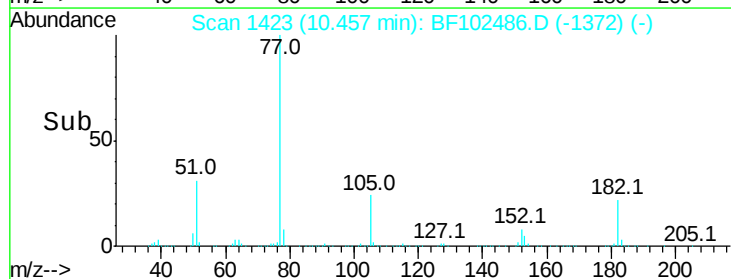
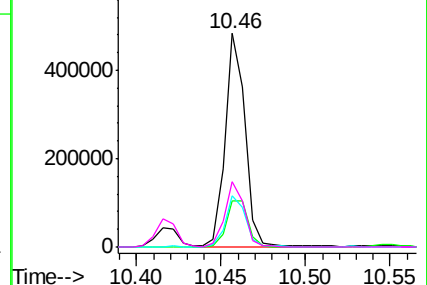


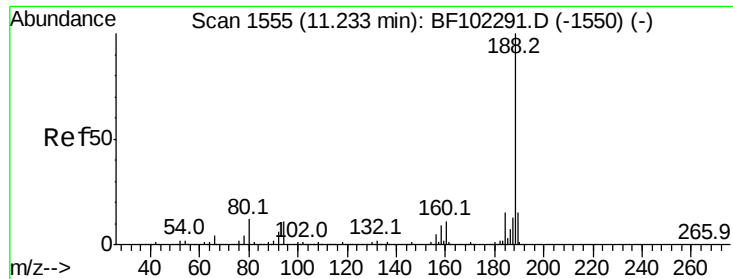
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampled :

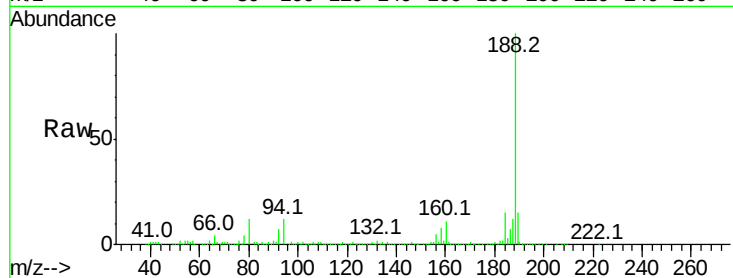
Tot Ion:188 Resp: 374486

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

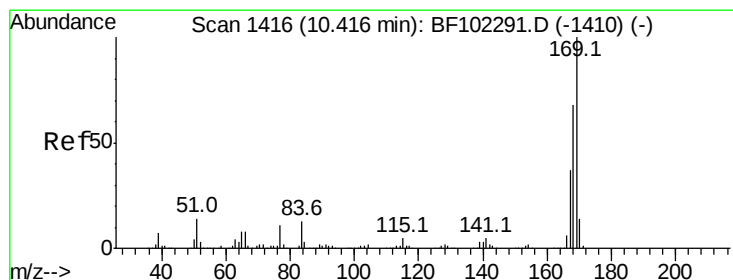
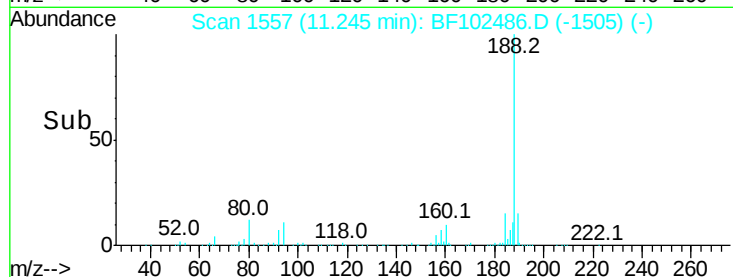
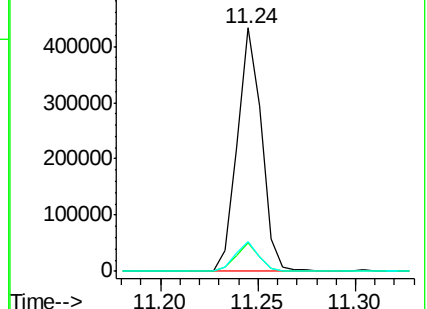
80 12.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 25.908 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

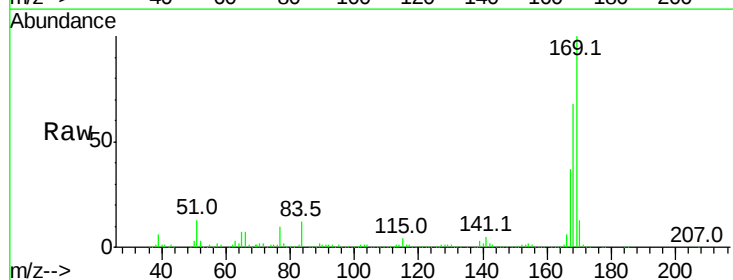
Tgt Ion:169 Resp: 356110

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

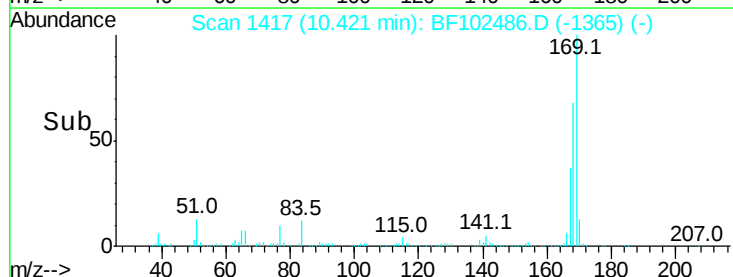
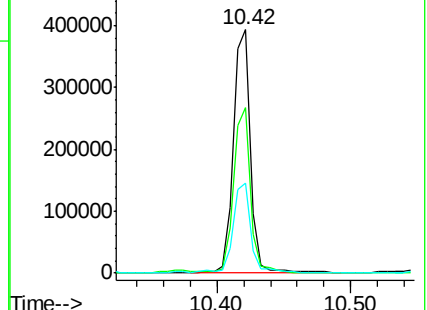
167 37.0 29.8 44.6

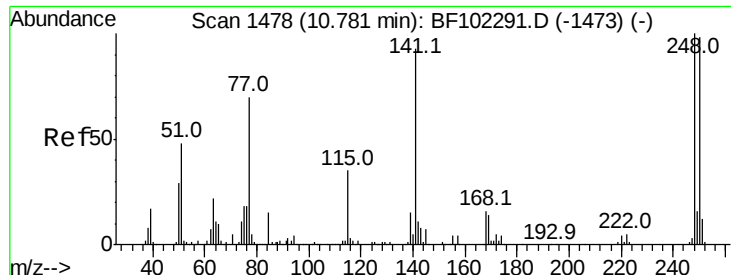


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

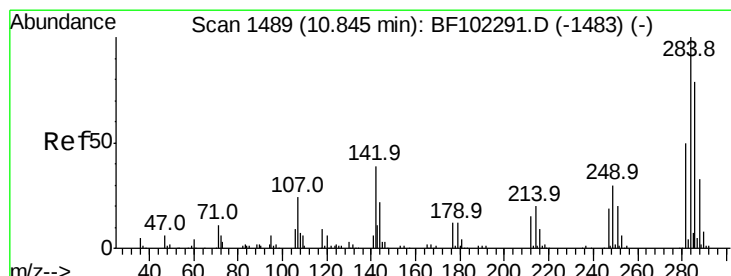
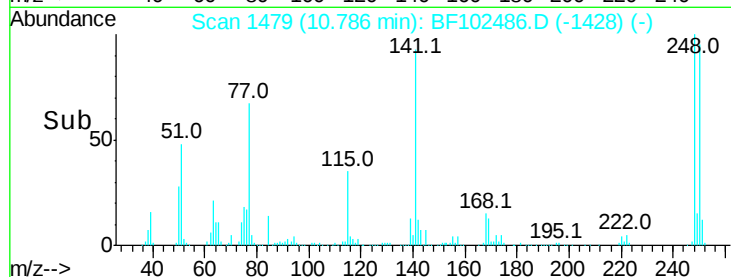
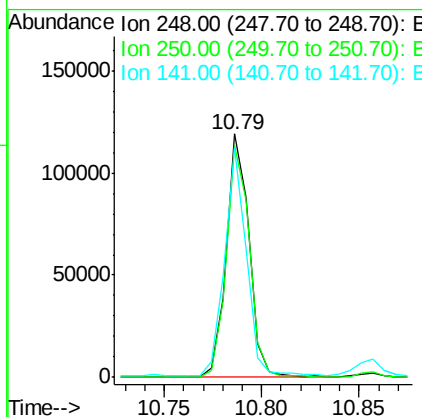
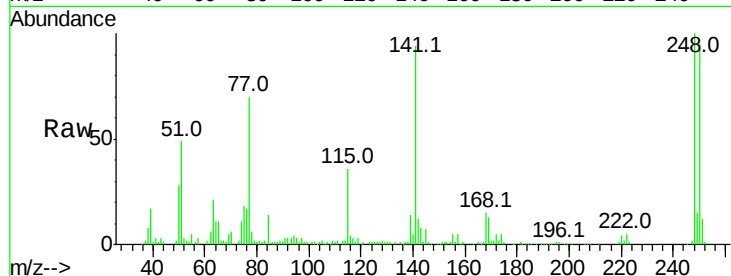




#66
 4-Bromophenyl-phenylether
 Concen: 23.860 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF102486.D
 Acq: 26 Jan 2018 23:10

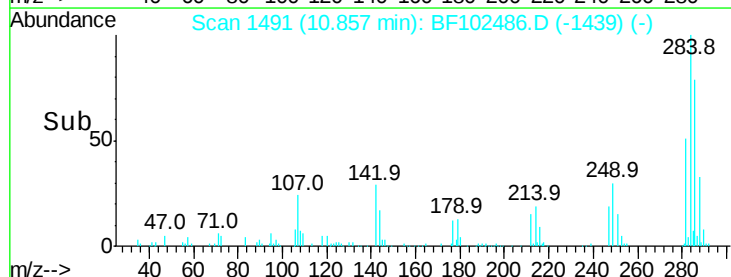
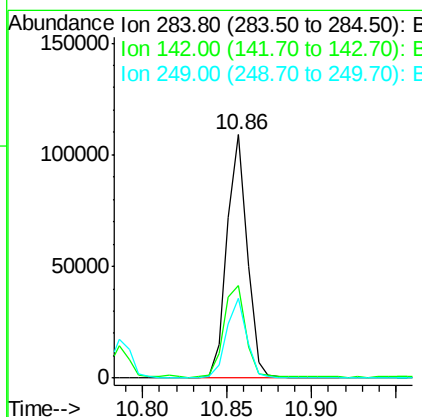
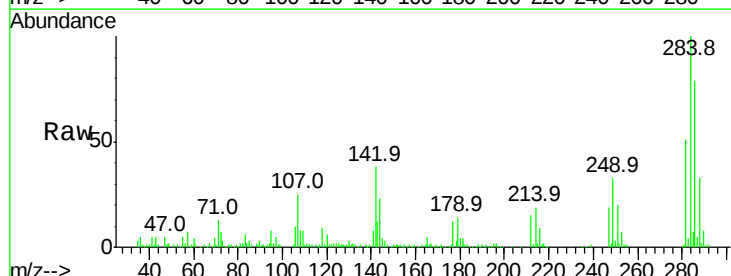
Instrument :
 BNA_F
 ClientSampleId :

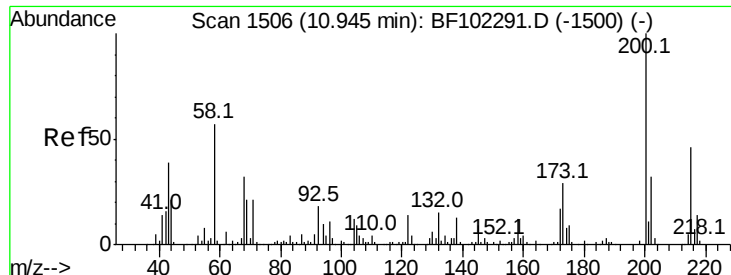
Tot Ion:248 Resp: 96186
 Ion Ratio Lower Upper
 248 100
 250 95.4 76.9 115.3
 141 94.2 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 20.106 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.01 min
 Lab File: BF102486.D
 Acq: 26 Jan 2018 23:10

Tgt Ion:284 Resp: 90648
 Ion Ratio Lower Upper
 284 100
 142 38.1 34.6 52.0
 249 32.7 24.8 37.2

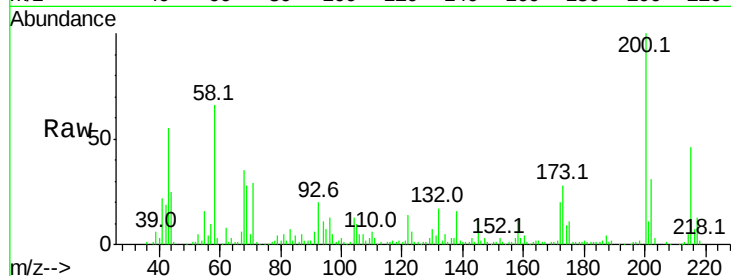




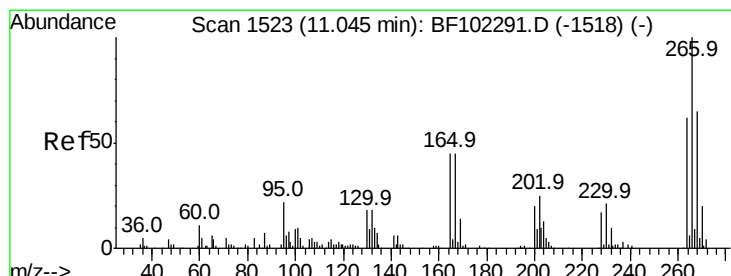
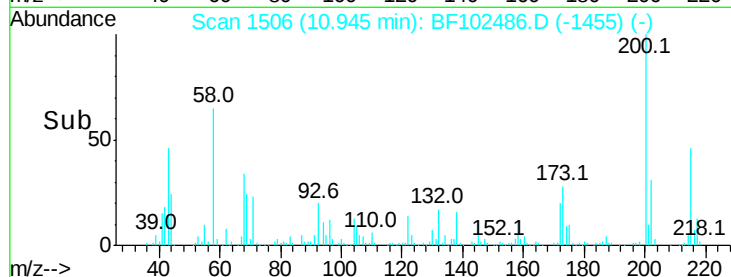
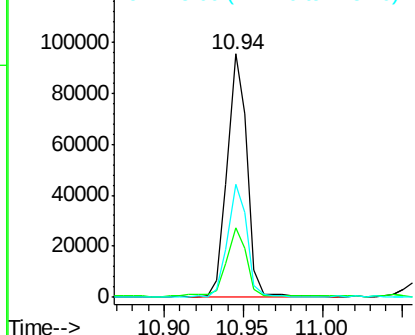
#68
Atrazine
Concen: 20.473 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 83113
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 46.4 25.1 65.1

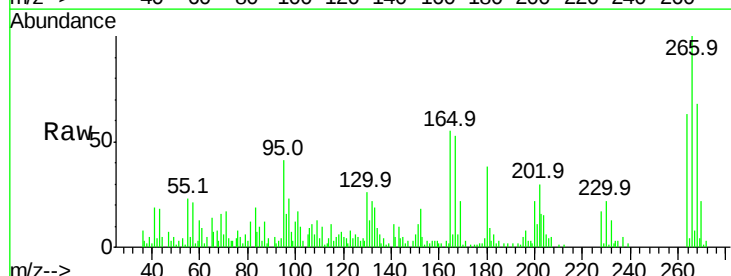


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

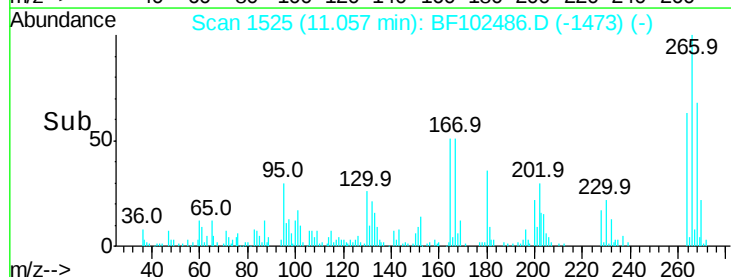
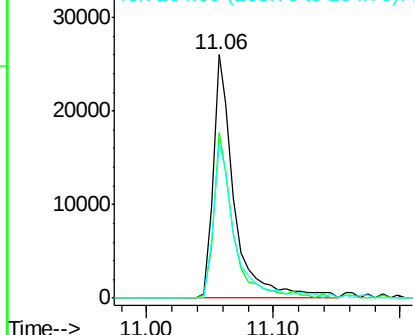


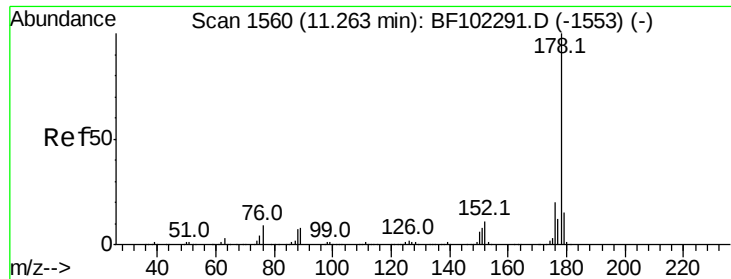
#69
Pentachlorophenol
Concen: 12.862 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:266 Resp: 30463
Ion Ratio Lower Upper
266 100
268 68.0 51.1 76.7
264 63.3 49.5 74.3



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

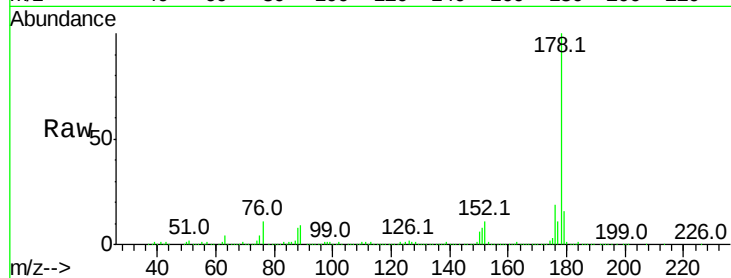




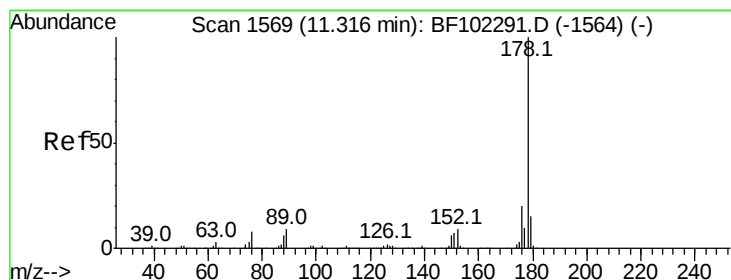
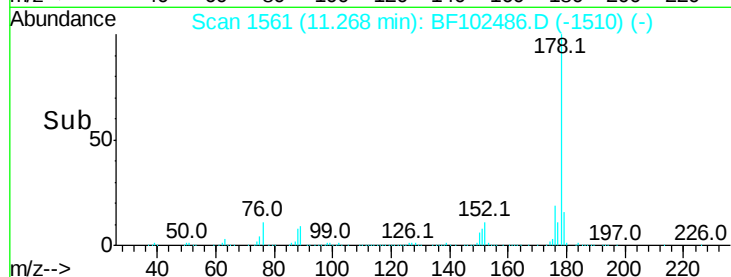
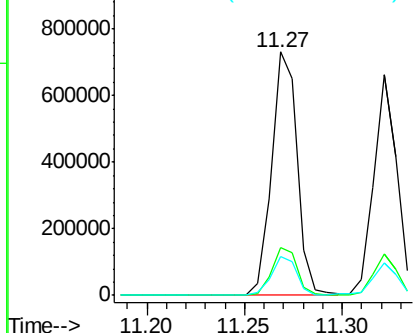
#70
Phenanthrene
Concen: 30.256 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 660243
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 16.0 13.0 19.6

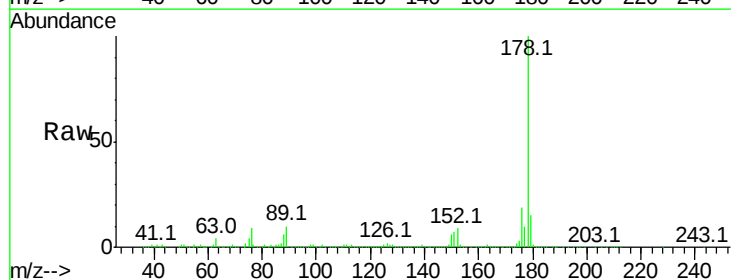


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

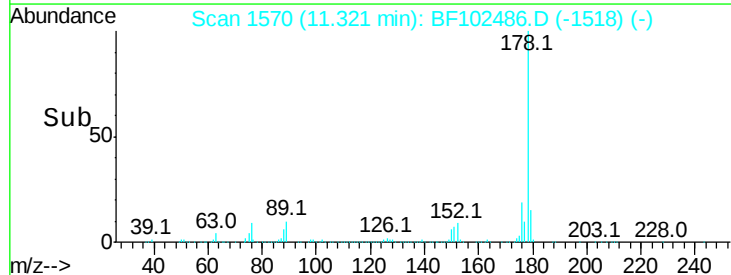
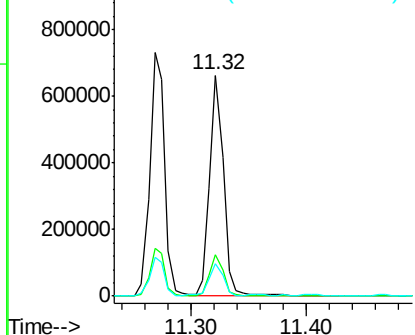


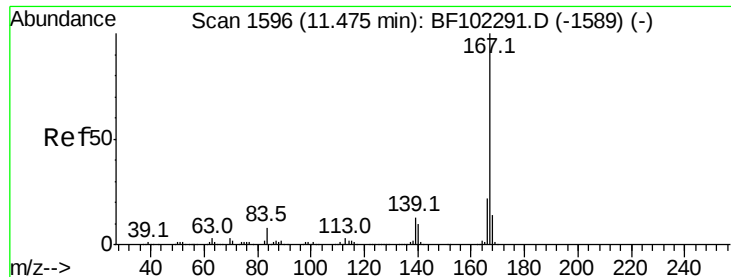
#71
Anthracene
Concen: 25.149 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:178 Resp: 560155
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 14.7 12.6 19.0



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





#72

Carbazole

Concen: 22.050 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

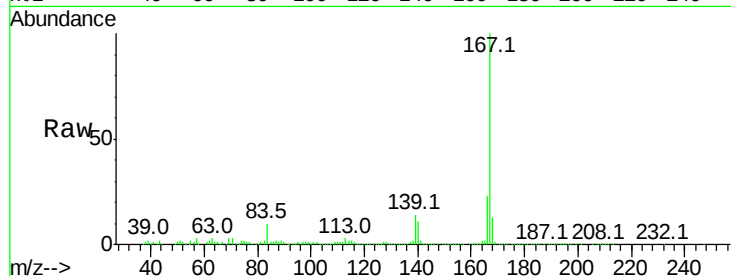
Tot Ion:167 Resp: 479140

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

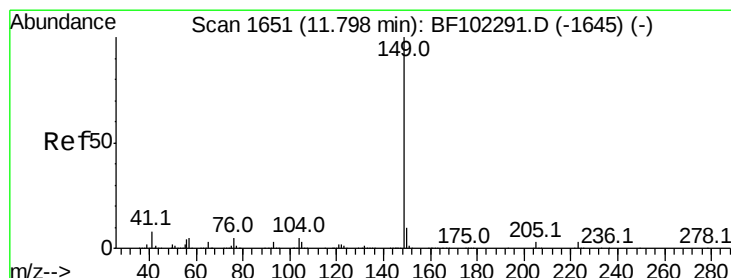
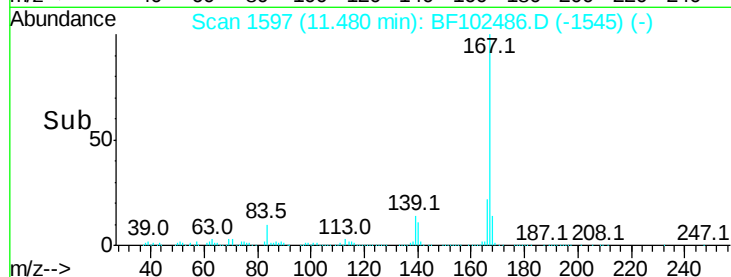
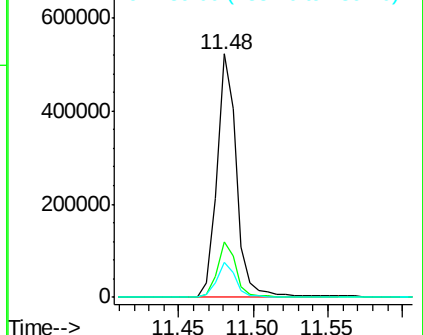
139 14.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 23.859 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

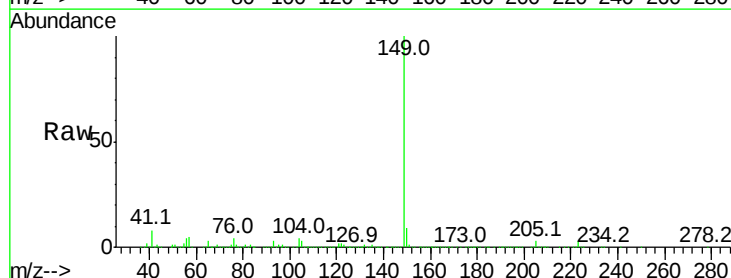
Tgt Ion:149 Resp: 648038

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

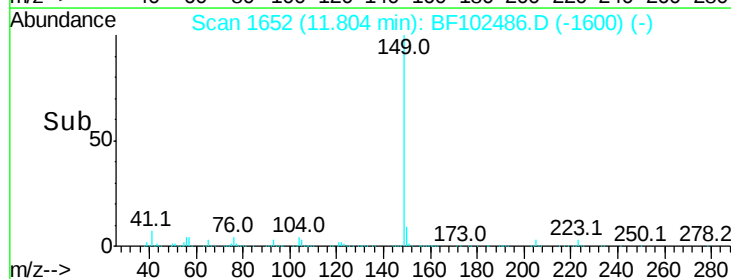
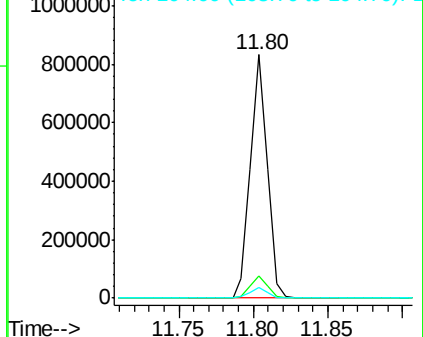
104 4.4 3.8 5.8

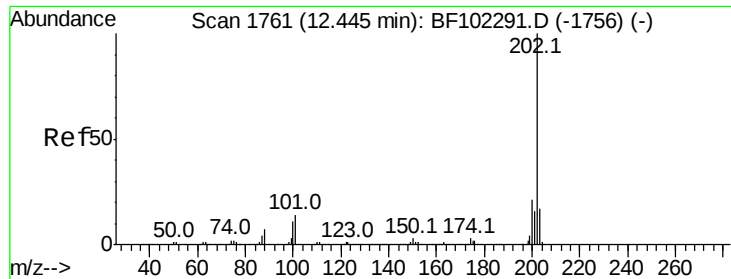


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.905 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

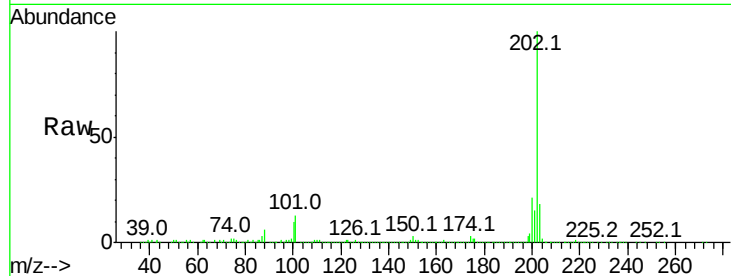
Tot Ion:202 Resp: 821267

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

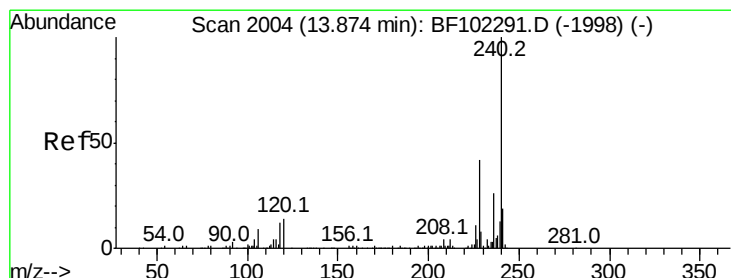
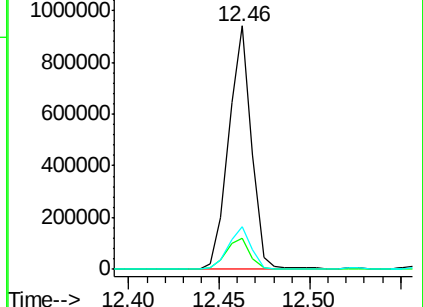
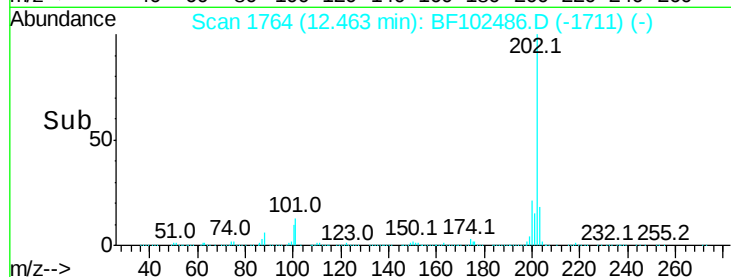
203 17.7 0.0 38.1



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# 2007

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

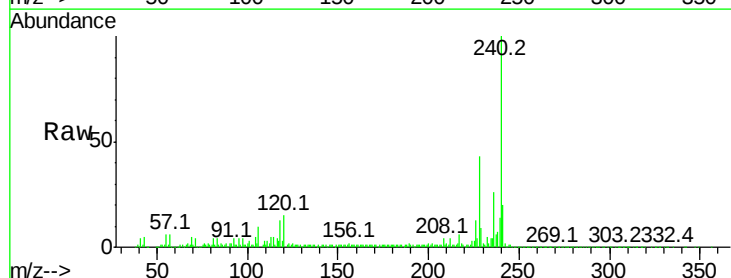
Tgt Ion:240 Resp: 273070

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

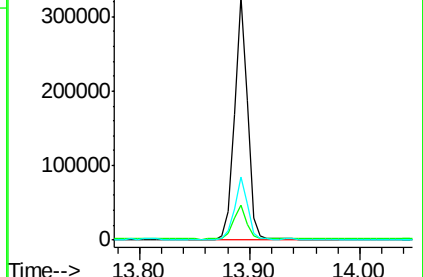
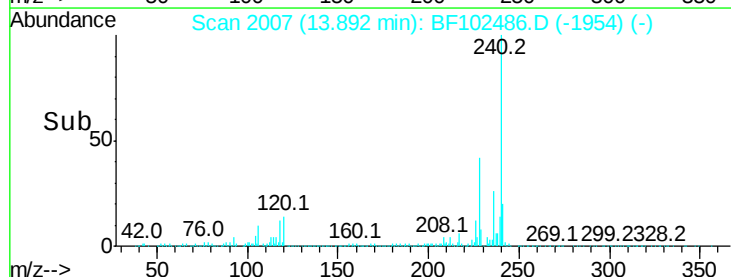
236 26.2 20.7 31.1

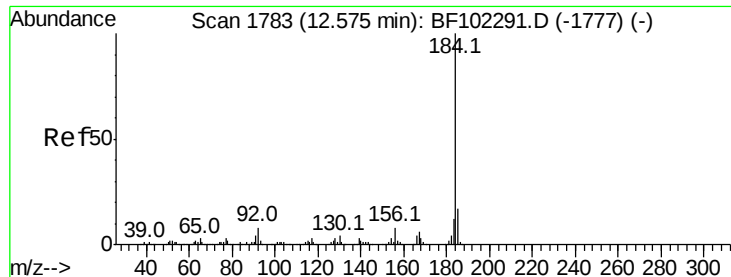


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 19.204 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

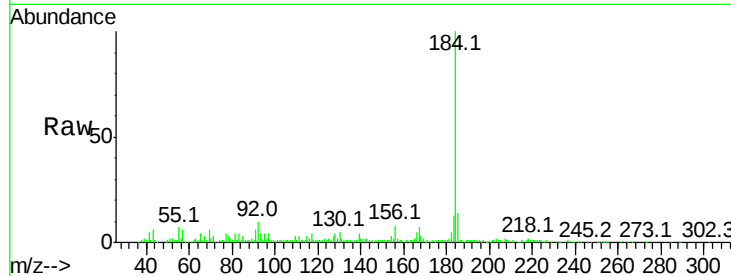
Tot Ion:184 Resp: 176163

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

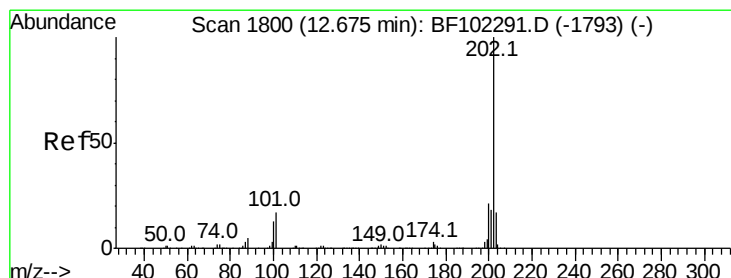
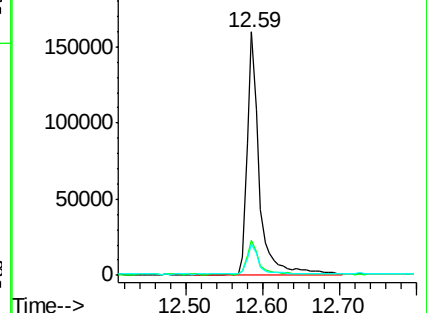
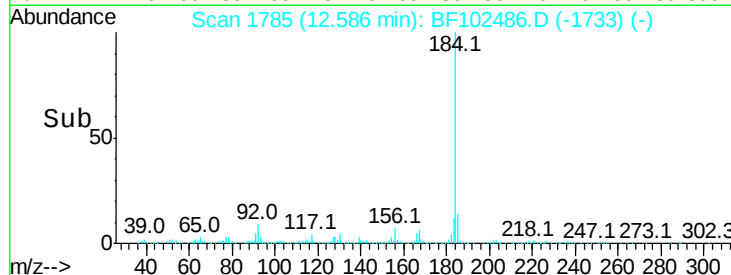
183 12.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.871 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

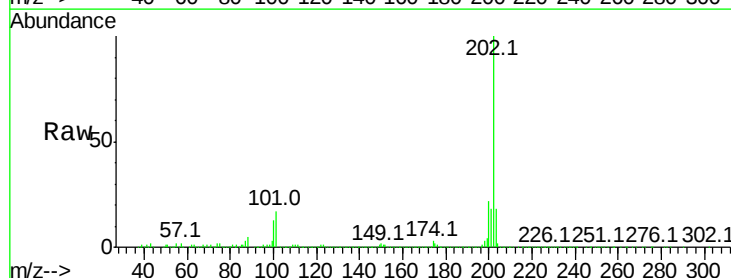
Tgt Ion:202 Resp: 820673

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

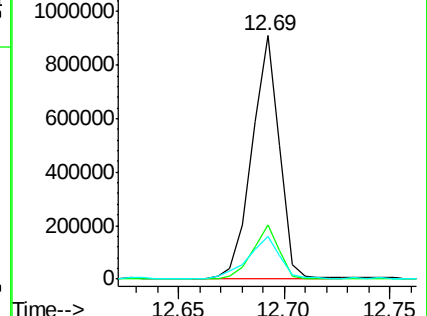
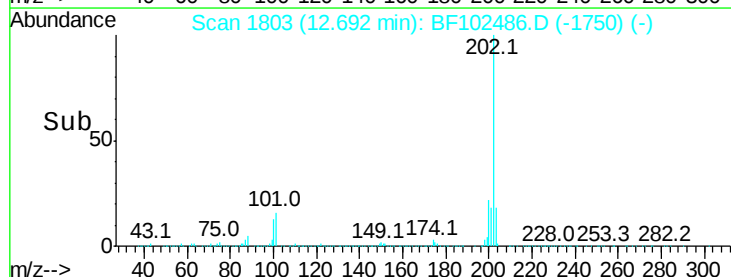
203 17.8 14.3 21.5

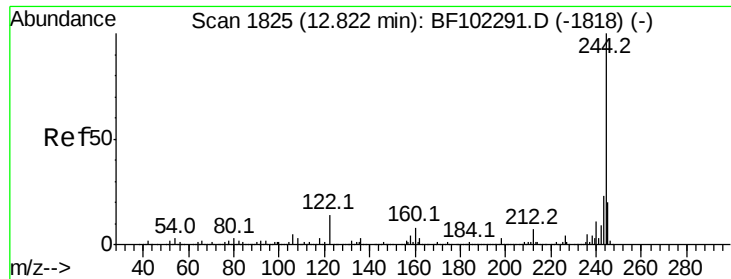


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 48.575 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

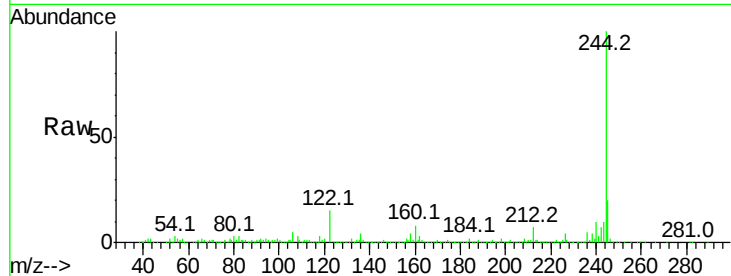
Tot Ion:244 Resp: 588390

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

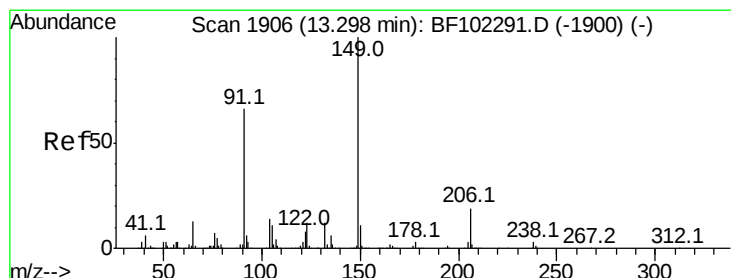
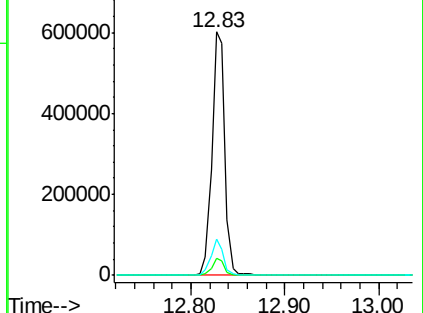
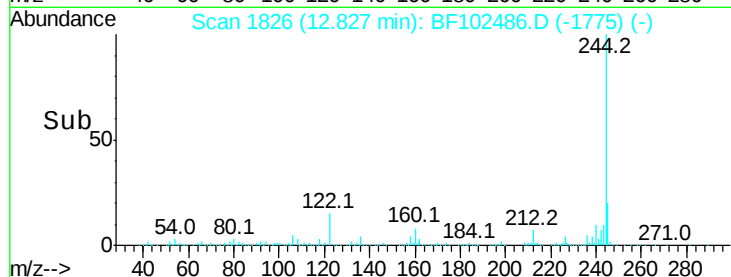
122 14.9 11.0 16.4



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: 23.134 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

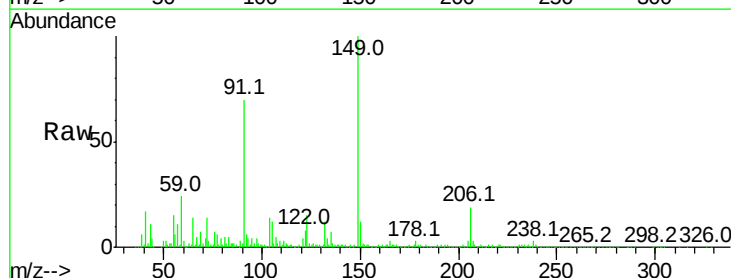
Tgt Ion:149 Resp: 243069

Ion Ratio Lower Upper

149 100

91 70.2 56.8 85.2

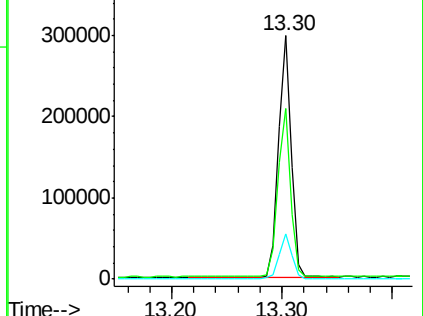
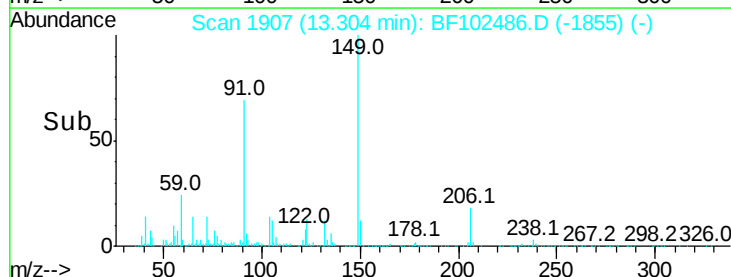
206 18.6 14.1 21.1

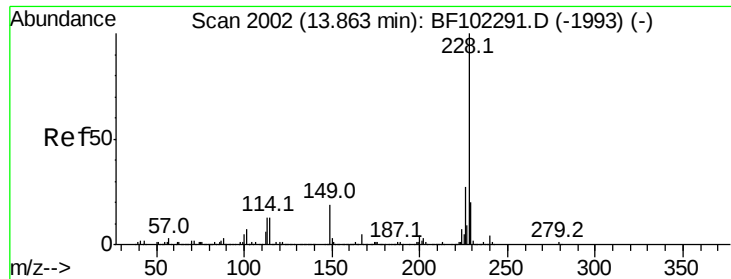


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

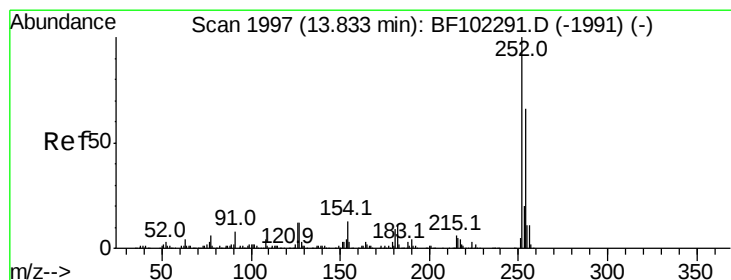
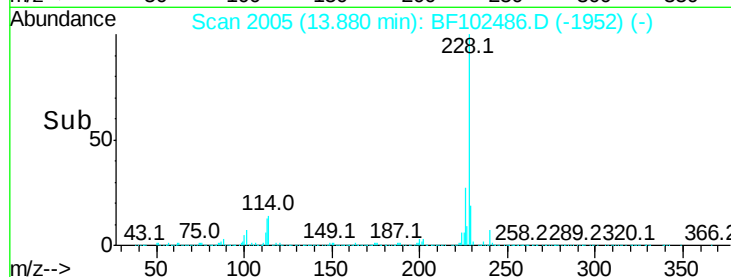
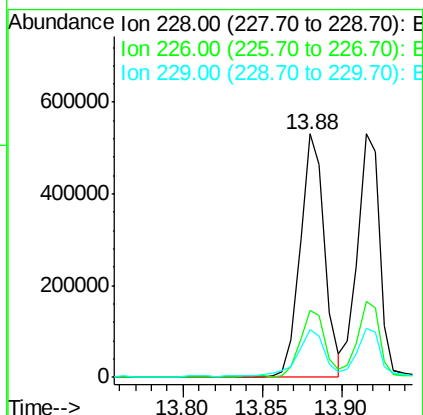
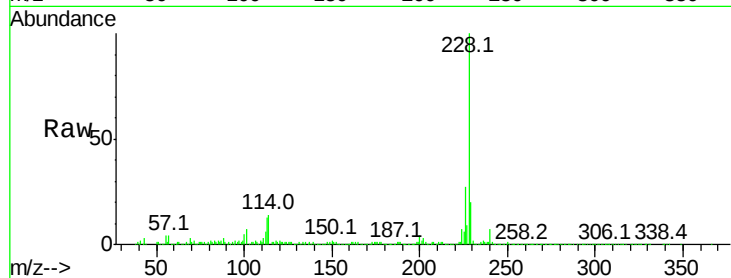




#80
Benzo(a)anthracene
Concen: 33.290 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

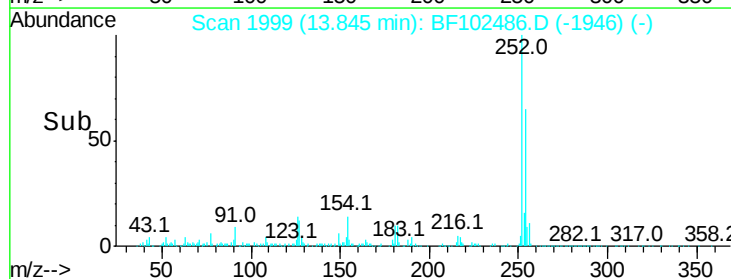
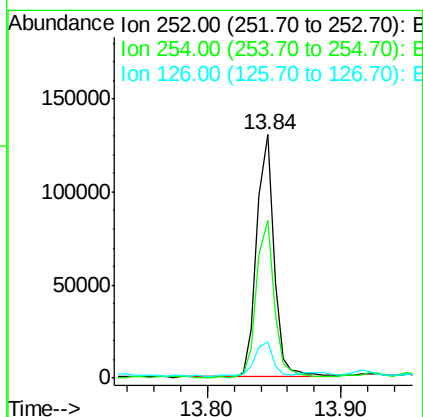
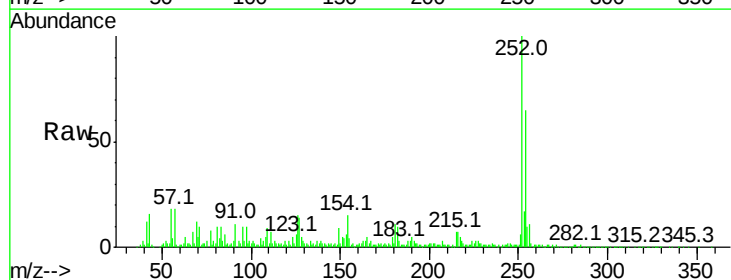
Instrument :
BNA_F
ClientSampleId :

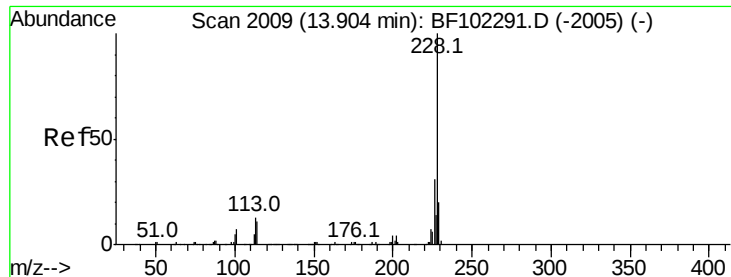
Tot Ion:228 Resp: 559681
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.8 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 18.842 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:252 Resp: 116205
Ion Ratio Lower Upper
252 100
254 64.6 50.4 75.6
126 14.8 11.3 16.9





#82

Chrysene

Concen: 30.732 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampleId :

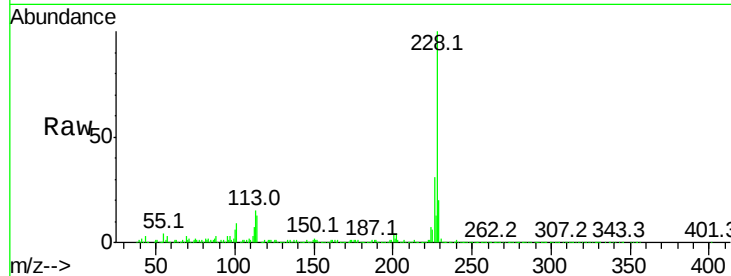
Tot Ion:228 Resp: 524671

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

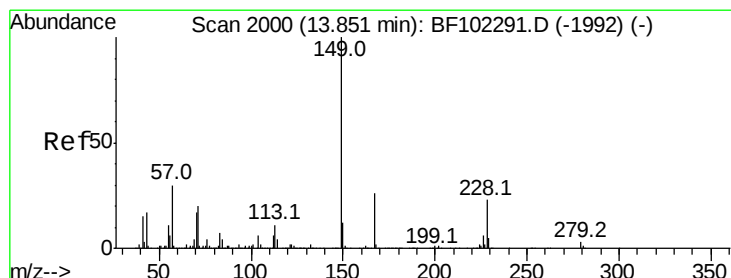
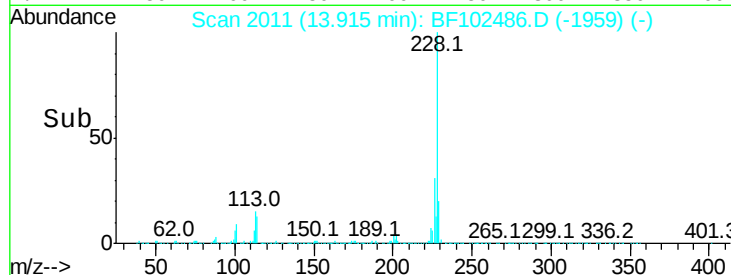
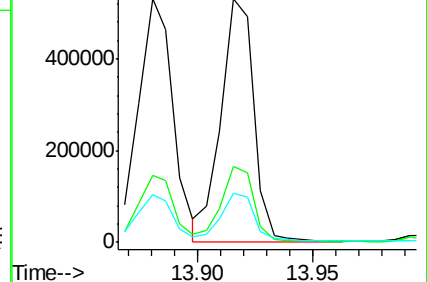
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 26.364 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

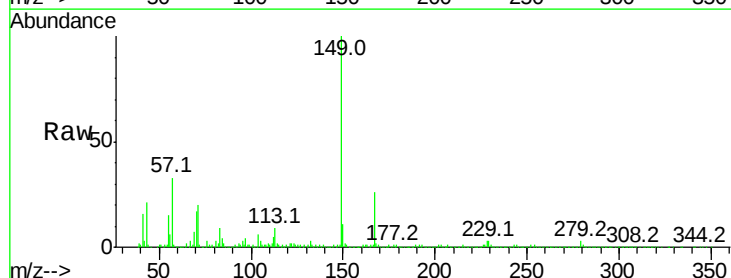
Tgt Ion:149 Resp: 372263

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

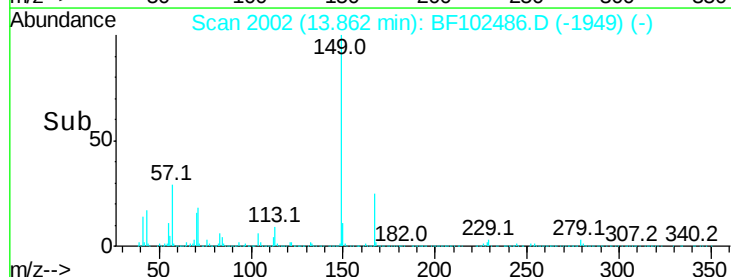
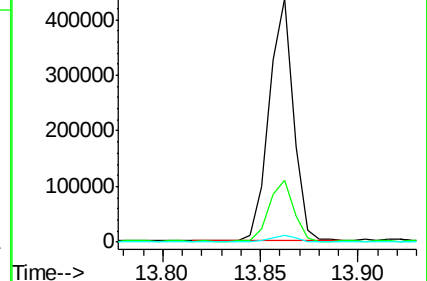
279 3.0 3.0 4.4

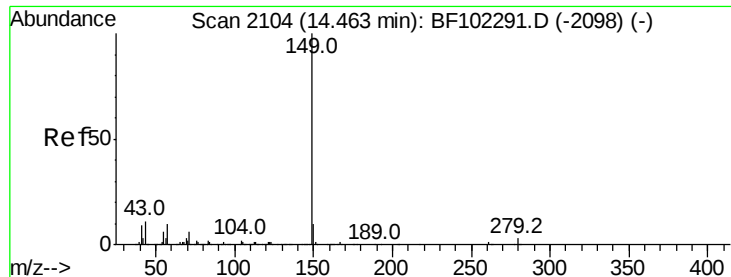


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 25.027 ng

RT: 14.47 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Instrument :

BNA_F

ClientSampled :

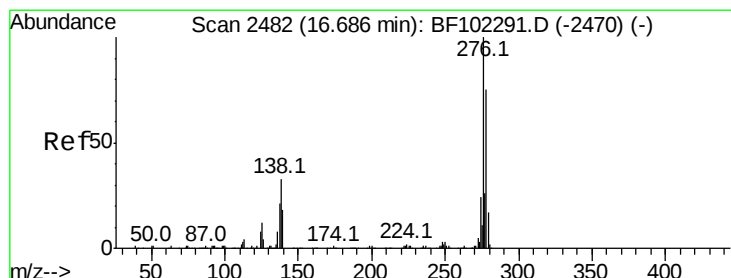
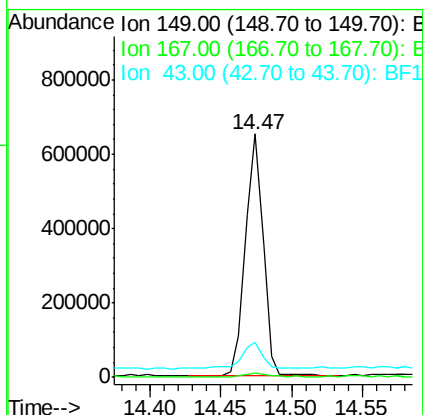
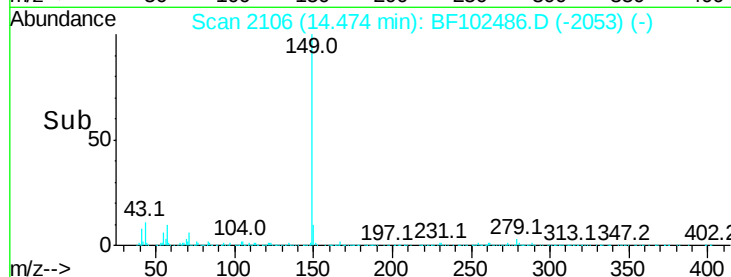
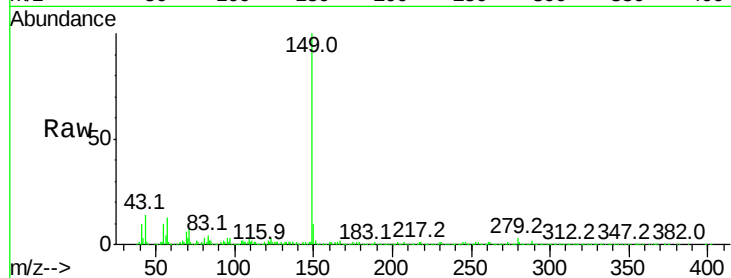
Tot Ion:149 Resp: 574693

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.5 8.4 12.6#



#85

Indeno(1,2,3-cd)pyrene

Concen: 19.960 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.04 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

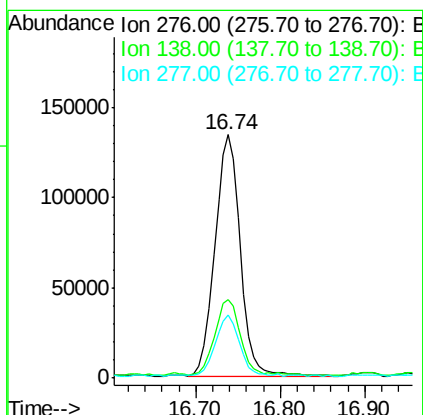
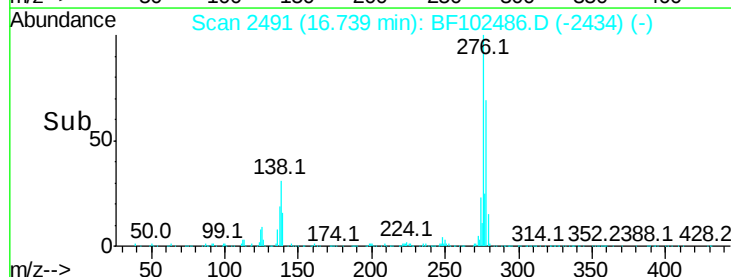
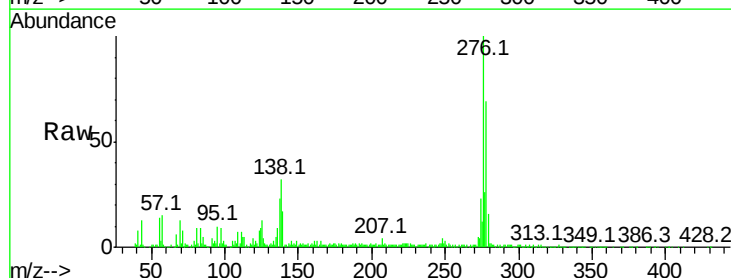
Tgt Ion:276 Resp: 281434

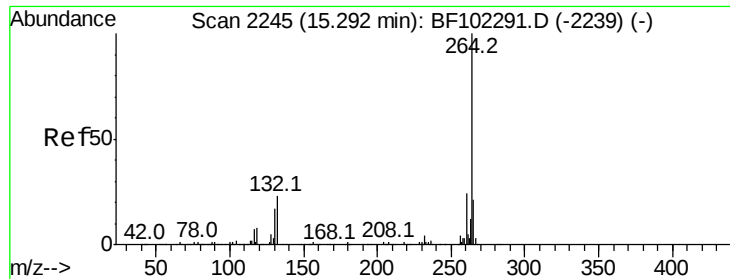
Ion Ratio Lower Upper

276 100

138 32.6 25.0 37.6

277 23.5 20.1 30.1

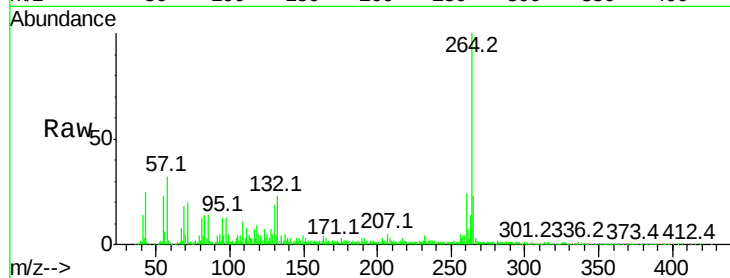




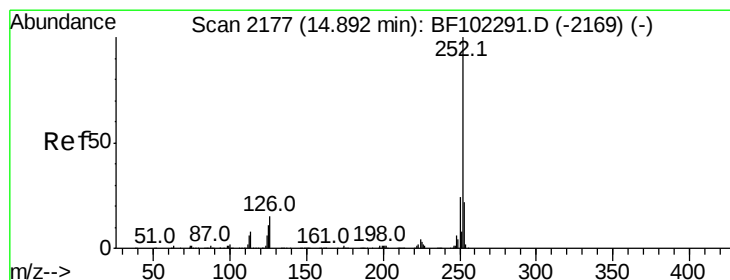
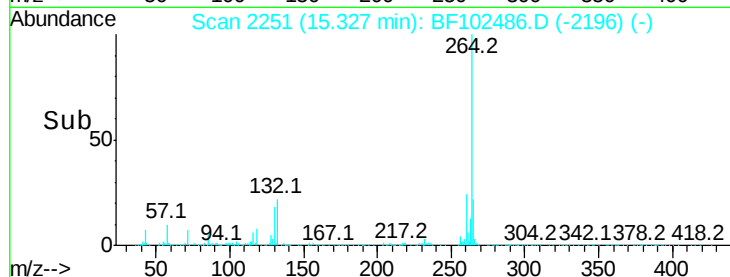
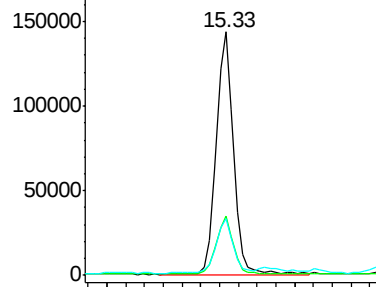
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.4	17.5	26.3

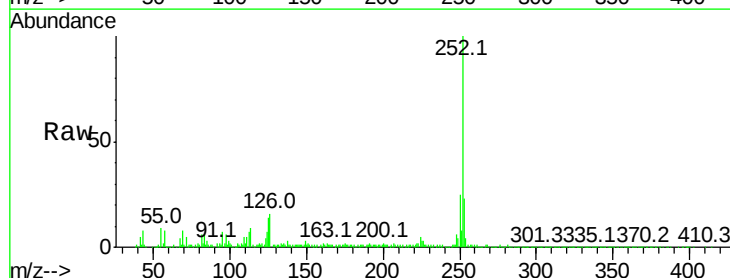


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

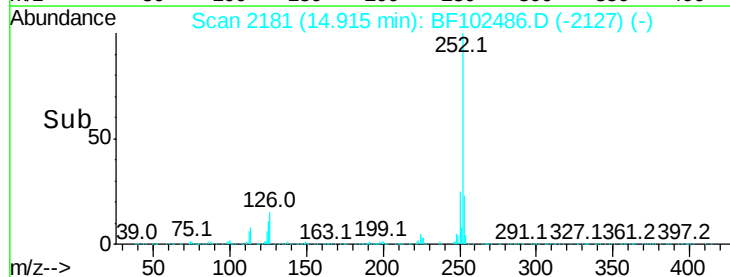
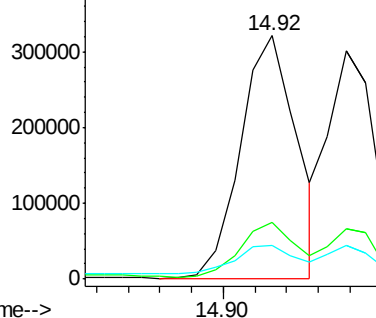


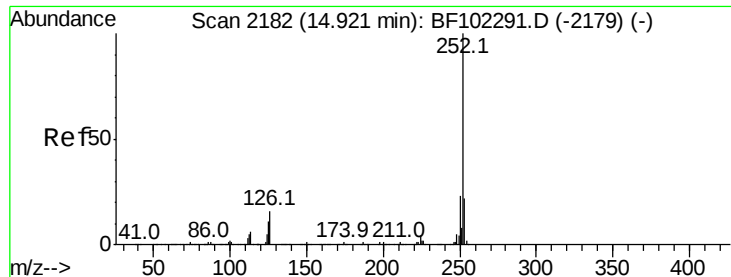
#87
Benzo(b)fluoranthene
Concen: 33.255 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	14.0	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

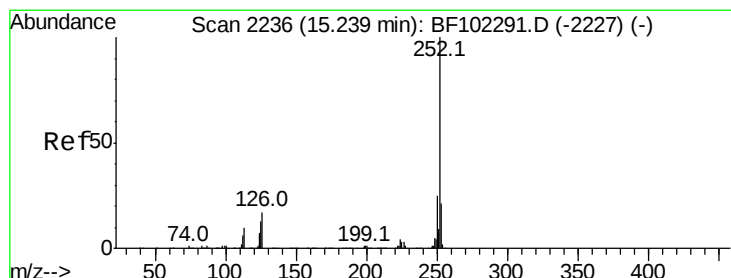
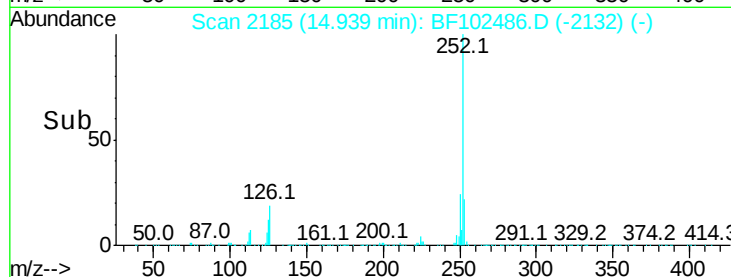
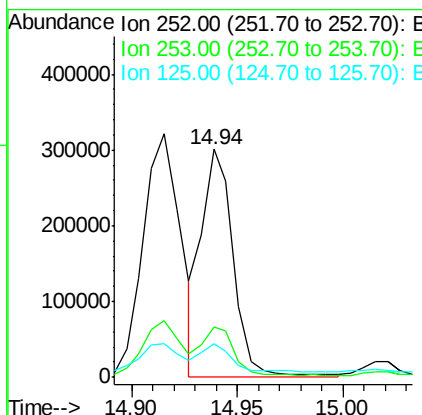
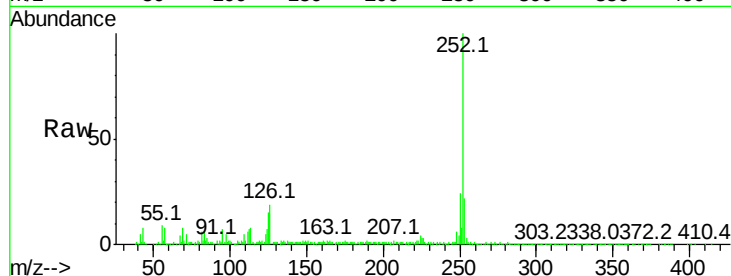




#88
Benzo(k)fluoranthene
Concen: 27.928 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

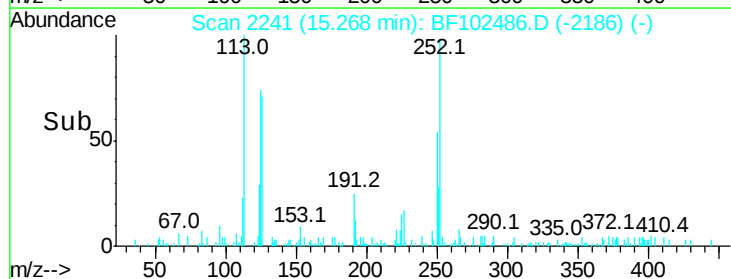
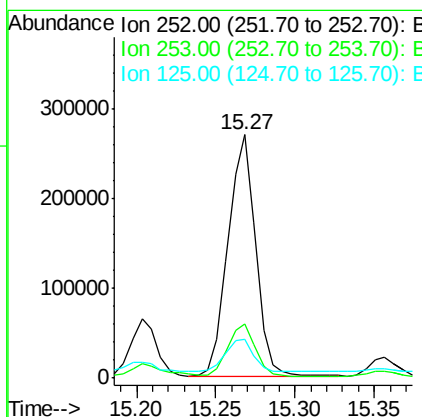
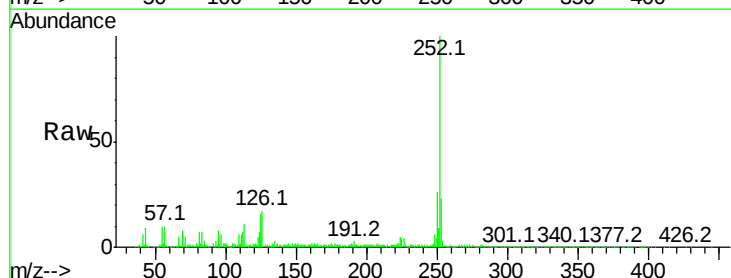
Instrument :
BNA_F
ClientSampleId :

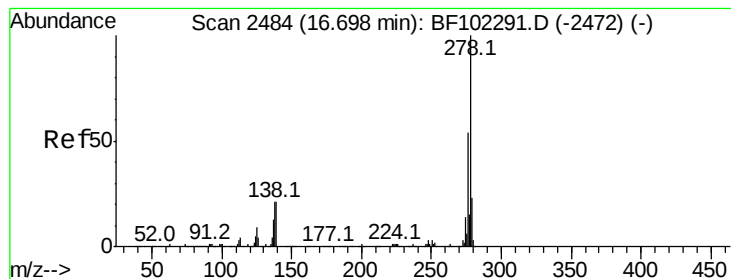
Tot Ion:252 Resp: 311640
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 14.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 30.782 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF102486.D
Acq: 26 Jan 2018 23:10

Tgt Ion:252 Resp: 327900
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 15.8 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 22.957 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.03 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

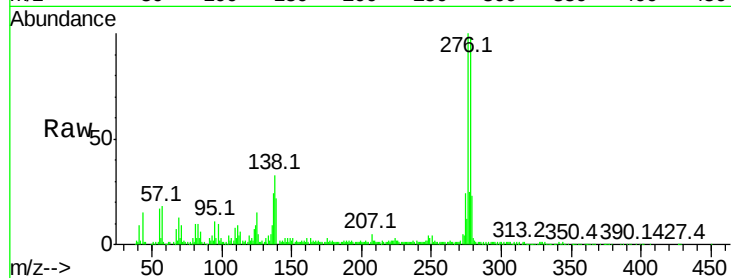
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 198096

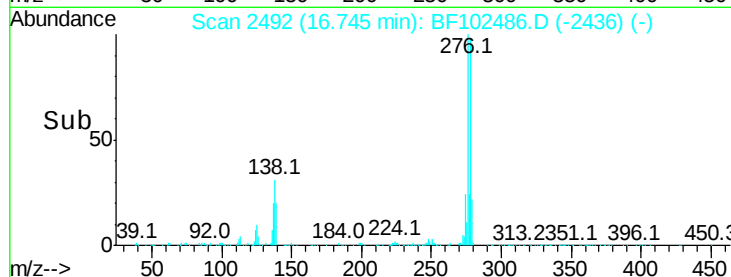
Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.9	23.9
279	24.0	19.0	28.4



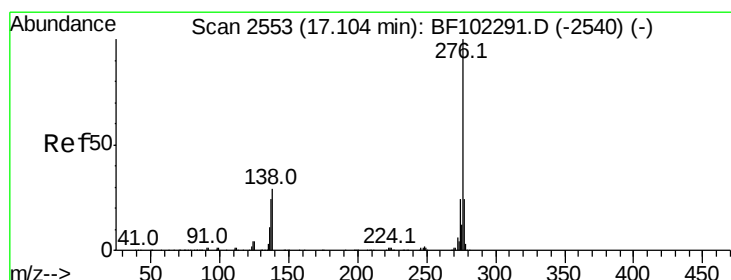
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 16.65 16.70 16.75 16.80



#91

Benzo(g,h,i)perylene

Concen: 28.314 ng

RT: 17.16 min Scan# 2563

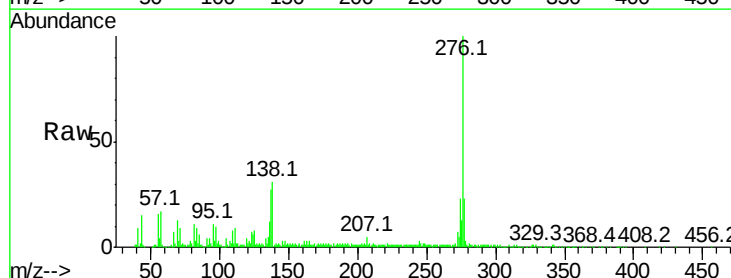
Delta R.T. 0.04 min

Lab File: BF102486.D

Acq: 26 Jan 2018 23:10

Tgt Ion:276 Resp: 241236

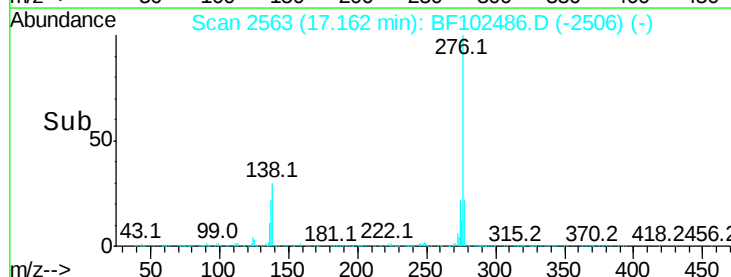
Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	31.4	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time--> 17.10 17.20