

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102600.D
 Acq On : 29 Jan 2018 16:41
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:08:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156695	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	668720	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	296313	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	502704	20.00	ng	0.00
75) Chrysene-d12	13.89	240	389448	20.00	ng	0.00
86) Perylene-d12	15.32	264	358392	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	860931	83.31	ng	0.00
7) Phenol-d6	6.37	99	1007020	80.83	ng	0.00
23) Nitrobenzene-d5	7.29	82	913624	78.51	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	192803	65.67	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1476693	73.28	ng	0.00
78) Terphenyl-d14	12.83	244	1220638	70.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	222117	45.236	ng	98
3) Pyridine	3.08	79	555832	43.317	ng	98
4) n-Nitrosodimethylamine	3.05	42	212908	42.323	ng	100
6) Aniline	6.39	93	642746	39.003	ng	# 69
8) 2-Chlorophenol	6.50	128	442161	40.816	ng	97
9) Benzaldehyde	6.27	77	284714	41.847	ng	96
10) Phenol	6.38	94	525667	38.647	ng	# 54
11) bis(2-Chloroethyl)ether	6.46	93	436679	42.211	ng	97
12) 1,3-Dichlorobenzene	6.66	146	510413	39.617	ng	98
13) 1,4-Dichlorobenzene	6.73	146	507312	39.308	ng	100
14) 1,2-Dichlorobenzene	6.89	146	461385	39.084	ng	99
15) Benzyl Alcohol	6.87	79	333639	37.954	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	681673	39.288	ng	83
17) 2-Methylphenol	6.99	107	365457	38.844	ng	# 93
18) Hexachloroethane	7.22	117	177744	39.522	ng	96
19) n-Nitroso-di-n-propylamine	7.14	70	301946	39.602	ng	99
20) 3+4-Methylphenols	7.15	107	472237	42.677	ng	94
22) Acetophenone	7.13	105	613506	38.486	ng	# 95
24) Nitrobenzene	7.31	77	479908	40.299	ng	95
25) Isophorone	7.55	82	828346	39.930	ng	100
26) 2-Nitrophenol	7.62	139	258609	41.261	ng	96
27) 2,4-Dimethylphenol	7.66	122	347685	38.203	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	502166	39.186	ng	99
29) 2,4-Dichlorophenol	7.87	162	355554	38.354	ng	100
30) 1,2,4-Trichlorobenzene	7.95	180	366520	36.883	ng	97
31) Naphthalene	8.02	128	1260373	37.749	ng	99
32) Benzoic acid	7.82	122	257651	33.791	ng	96
33) 4-Chloroaniline	8.08	127	552595	39.358	ng	99
34) Hexachlorobutadiene	8.13	225	196002	36.929	ng	98
35) Caprolactam	8.46	113	90932	29.700	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	384325	39.330	ng	92
37) 2-Methylnaphthalene	8.72	142	813097	36.567	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	334661	37.540	ng	99
40) Hexachlorocyclopentadiene	8.86	237	148235	37.155	ng	98

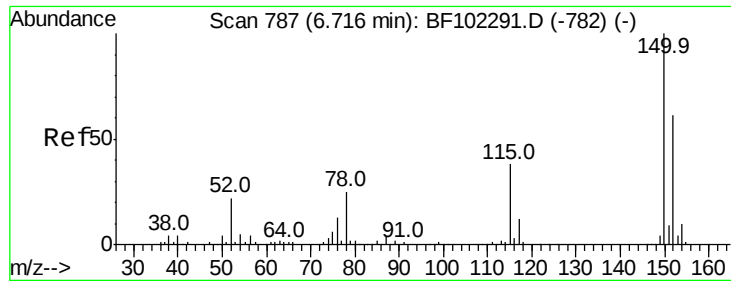
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102600.D
 Acq On : 29 Jan 2018 16:41
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	218585	36.627	ng	97
43) 2,4,5-Trichlorophenol	9.05	196	243996	36.312	ng	97
45) 1,1'-Biphenyl	9.18	154	979131	36.955	ng	99
46) 2-Chloronaphthalene	9.20	162	770952	37.435	ng	99
47) 2-Nitroaniline	9.31	65	268461	41.812	ng	96
48) Acenaphthylene	9.62	152	1174968	36.621	ng	99
49) Dimethylphthalate	9.48	163	901508	36.808	ng	100
50) 2,6-Dinitrotoluene	9.55	165	196096	37.136	ng	94
51) Acenaphthene	9.79	154	685102	36.561	ng	100
52) 3-Nitroaniline	9.72	138	247684	39.650	ng	99
53) 2,4-Dinitrophenol	9.84	184	138319	59.380	ng	# 19
54) Dibenzofuran	9.96	168	931545	36.733	ng	98
55) 4-Nitrophenol	9.90	139	189942	46.063	ng	94
56) 2,4-Dinitrotoluene	9.96	165	232222	35.761	ng	# 89
57) Fluorene	10.30	166	803790	39.999	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	162633	33.899	ng	98
59) Diethylphthalate	10.17	149	852861	35.834	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	337754	38.767	ng	95
61) 4-Nitroaniline	10.34	138	237538	38.107	ng	92
62) Azobenzene	10.46	77	859941	39.464	ng	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	128329	38.263	ng	94
65) n-Nitrosodiphenylamine	10.42	169	719513	38.995	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	207586	38.359	ng	91
67) Hexachlorobenzene	10.85	284	213742	35.316	ng	95
68) Atrazine	10.95	200	206980	37.982	ng	99
69) Pentachlorophenol	11.06	266	130630	41.087	ng	97
70) Phenanthrene	11.27	178	1096701	37.438	ng	99
71) Anthracene	11.32	178	1127775	37.719	ng	100
72) Carbazole	11.48	167	1131477	38.790	ng	99
73) Di-n-butylphthalate	11.80	149	1340587	36.767	ng	99
74) Fluoranthene	12.46	202	1093647	36.611	ng	100
76) Benzidine	12.58	184	676861	51.736	ng	99
77) Pyrene	12.69	202	1145970	38.059	ng	100
79) Butylbenzylphthalate	13.30	149	601612	40.148	ng	99
80) Benzo(a)anthracene	13.87	228	962282	40.133	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	342382	38.926	ng	97
82) Chrysene	13.92	228	915016	37.580	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	793437	39.400	ng	# 98
84) Di-n-octyl phthalate	14.47	149	1228989	37.527	ng	99
85) Indeno(1,2,3-cd)pyrene	16.74	276	767542	38.170	ng	97
87) Benzo(b)fluoranthene	14.91	252	840027	36.163	ng	96
88) Benzo(k)fluoranthene	14.94	252	839705	38.262	ng	100
89) Benzo(a)pyrene	15.26	252	795354	37.964	ng	# 96
90) Dibenzo(a,h)anthracene	16.74	278	631471	37.210	ng	98
91) Benzo(g,h,i)perylene	17.16	276	643298	38.391	ng	96

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

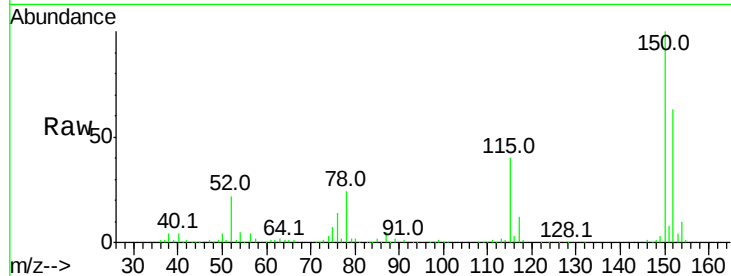


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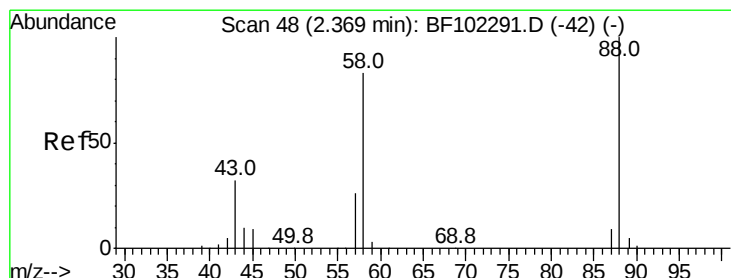
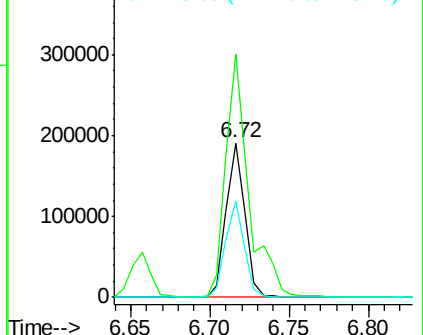
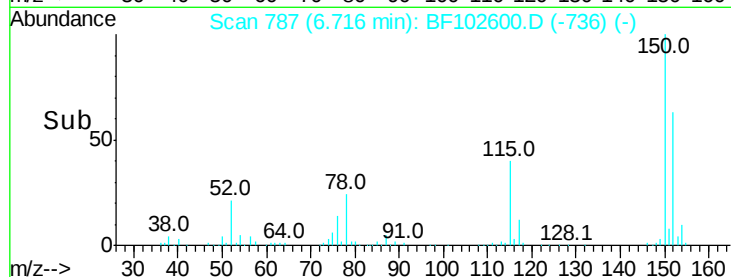
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156695
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.6 50.1 75.1



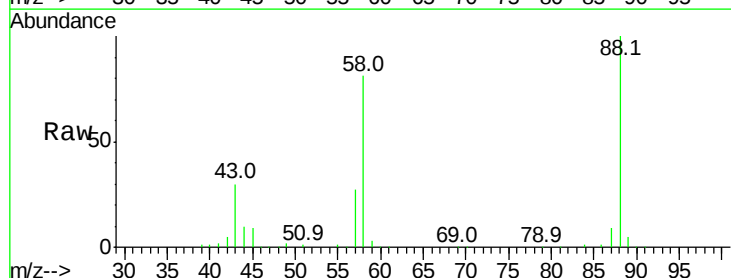
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



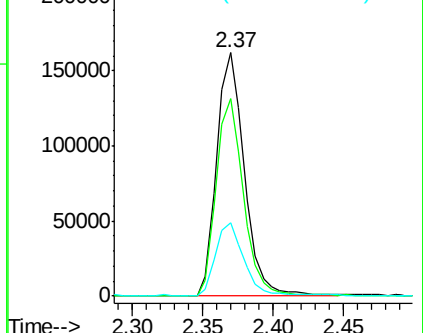
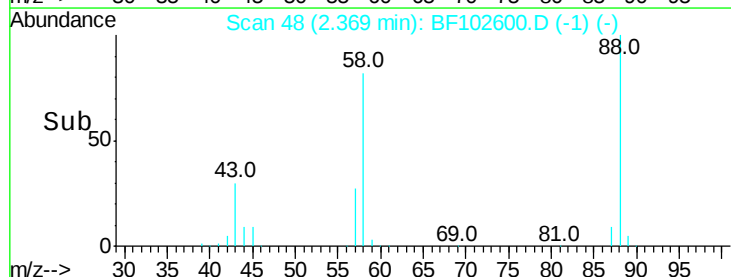
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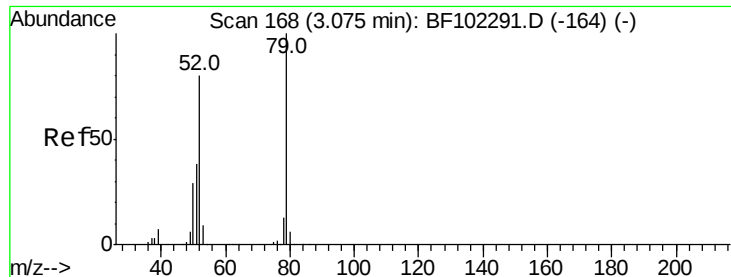
1,4-Dioxane
Concen: 45.236 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.01 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Tgt Ion: 88 Resp: 222117
Ion Ratio Lower Upper
88 100
58 80.3 62.6 93.8
43 29.6 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: 43.317 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

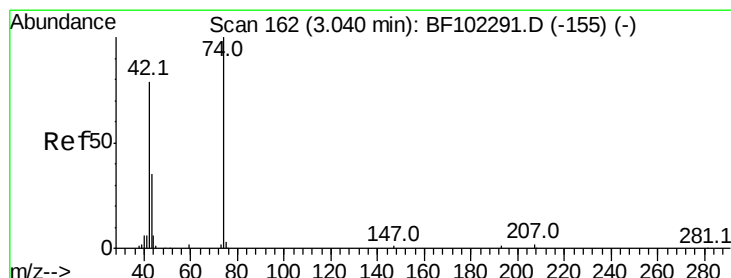
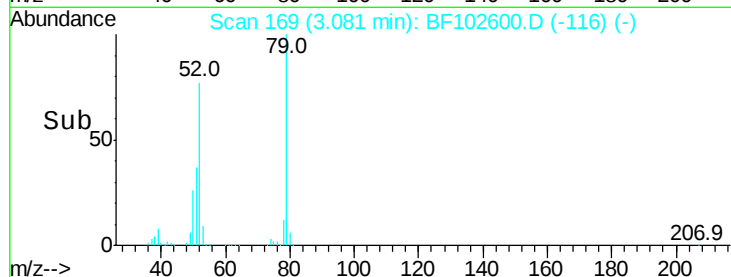
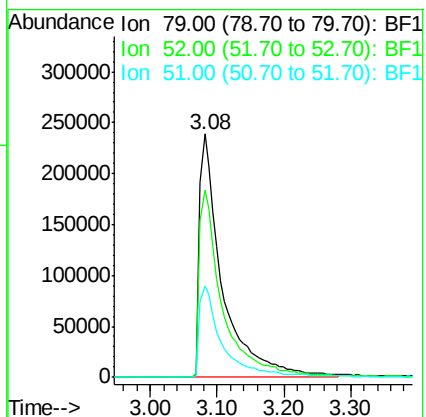
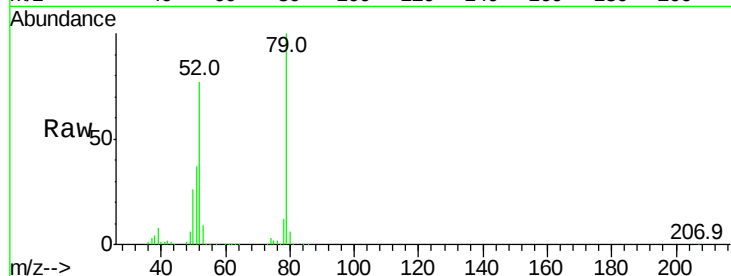
Tot Ion: 79 Resp: 555832

Ion Ratio Lower Upper

79 100

52 77.1 59.8 89.6

51 37.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 42.323 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

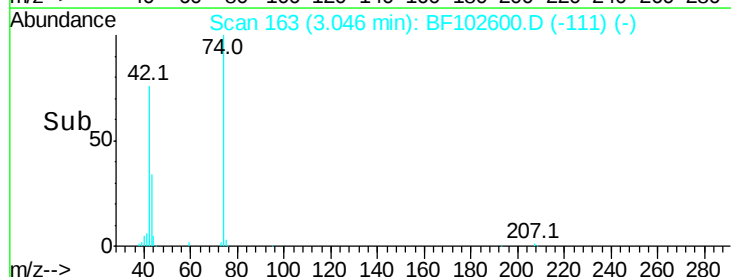
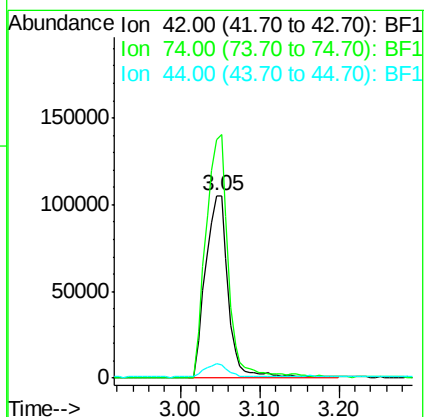
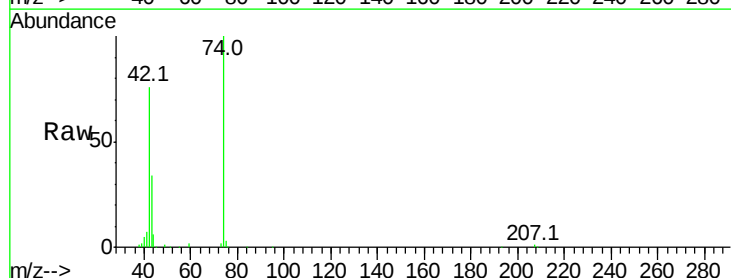
Tgt Ion: 42 Resp: 212908

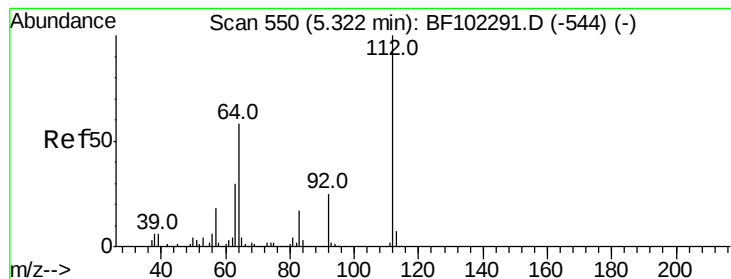
Ion Ratio Lower Upper

42 100

74 130.8 104.9 157.3

44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 83.308 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

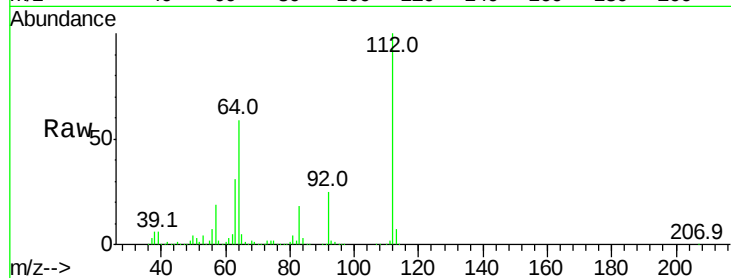
Tot Ion:112 Resp: 860931

Ion Ratio Lower Upper

112 100

64 59.5 47.9 71.9

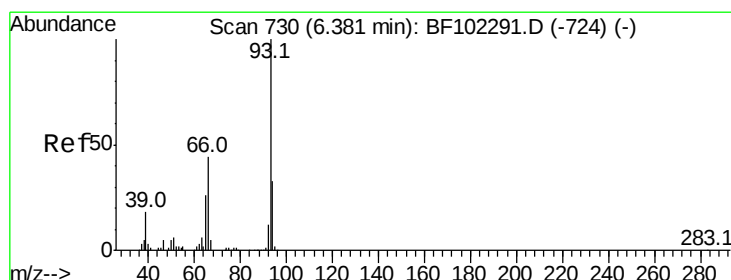
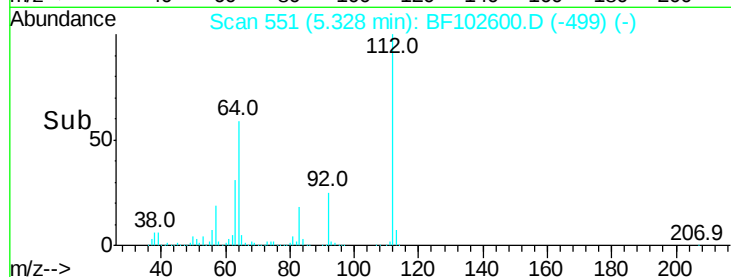
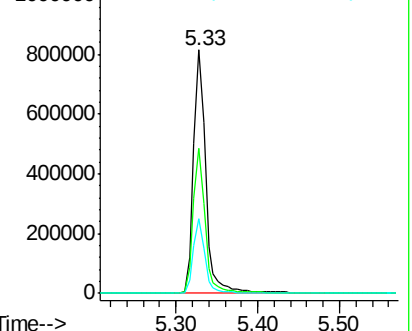
63 30.7 23.7 35.5



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: 39.003 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

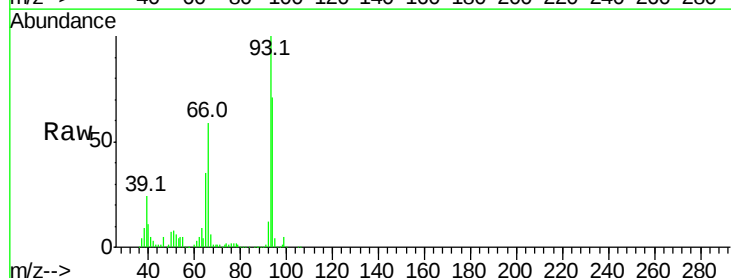
Tgt Ion: 93 Resp: 642746

Ion Ratio Lower Upper

93 100

66 58.7 32.2 48.2#

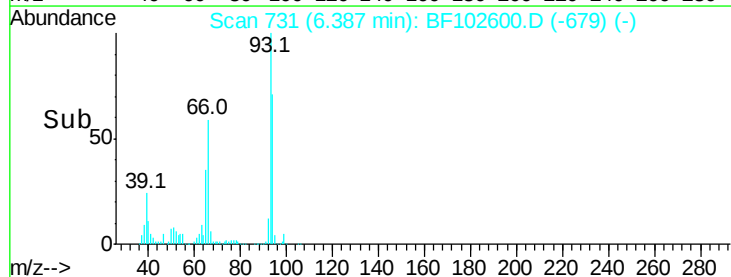
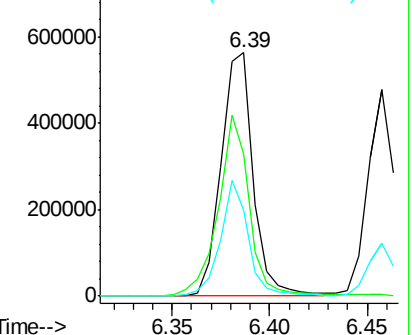
65 35.3 16.4 24.6#

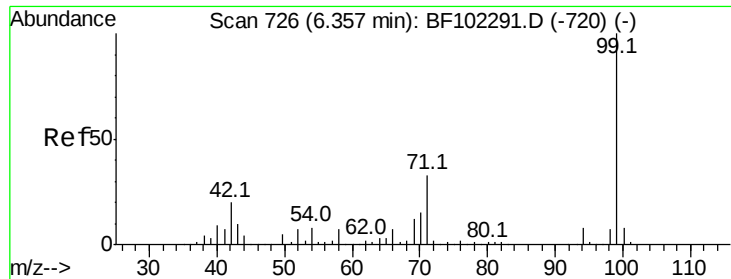


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.827 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

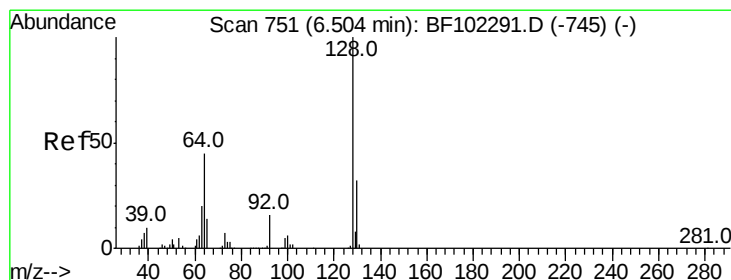
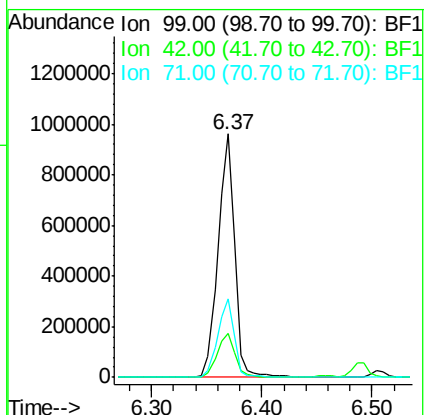
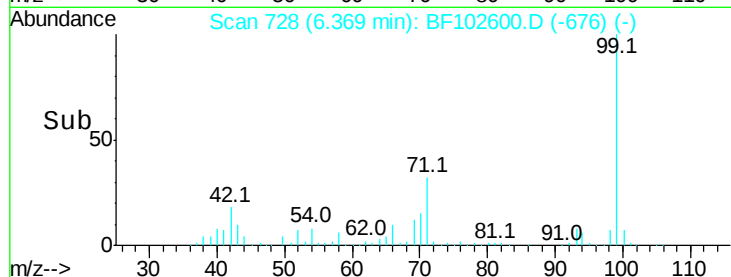
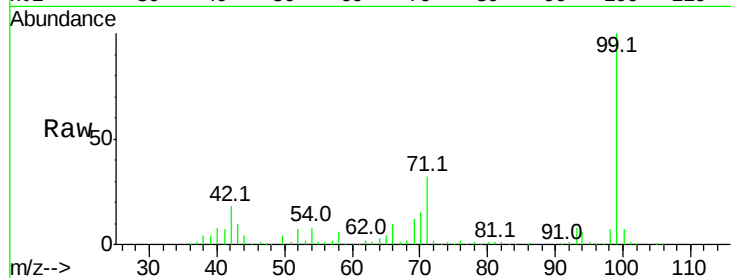
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1007020

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	32.2	25.4	38.0



#8

2-Chlorophenol

Concen: 40.816 ng

RT: 6.50 min Scan# 751

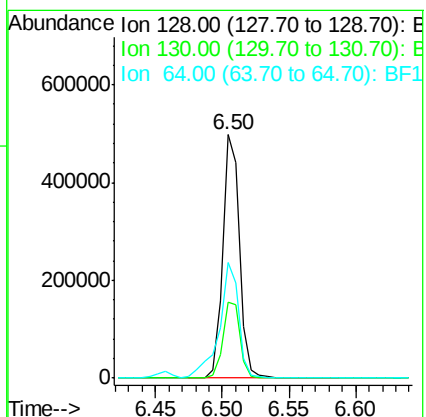
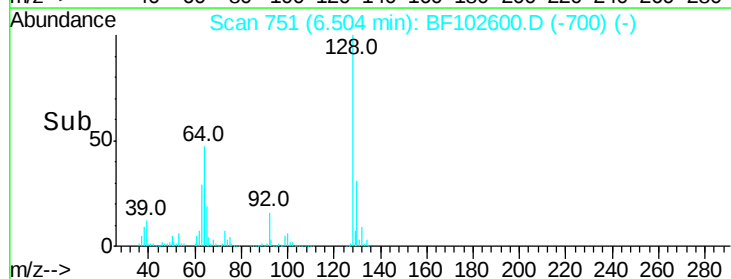
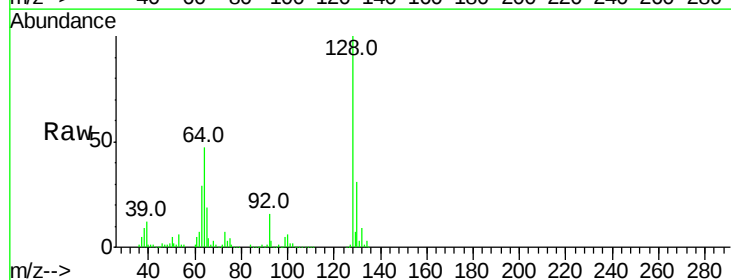
Delta R.T. 0.00 min

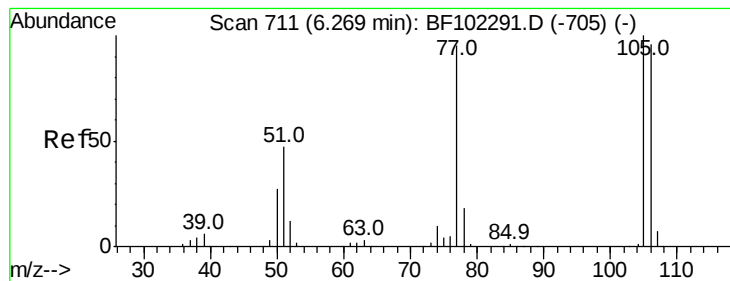
Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Tgt Ion: 128 Resp: 442161

Ion	Ratio	Lower	Upper
128	100		
130	31.0	13.0	53.0
64	47.5	29.4	69.4





#9

Benzaldehyde

Concen: 41.847 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampled :

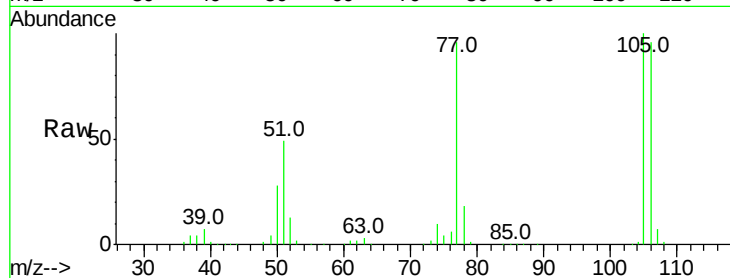
Tot Ion: 77 Resp: 284714

Ion Ratio Lower Upper

77 100

105 104.2 81.1 121.1

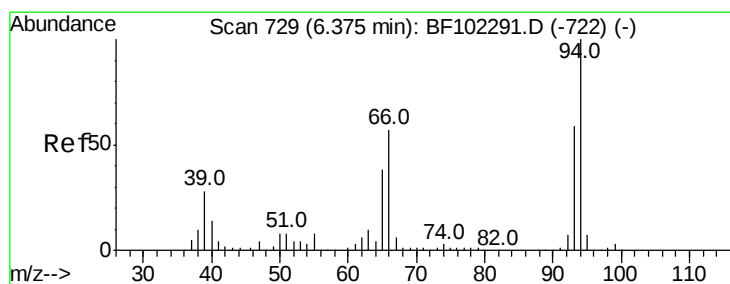
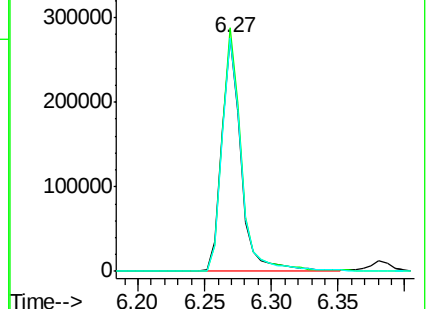
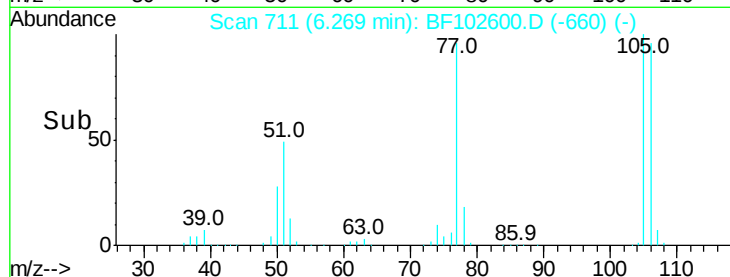
106 99.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.647 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

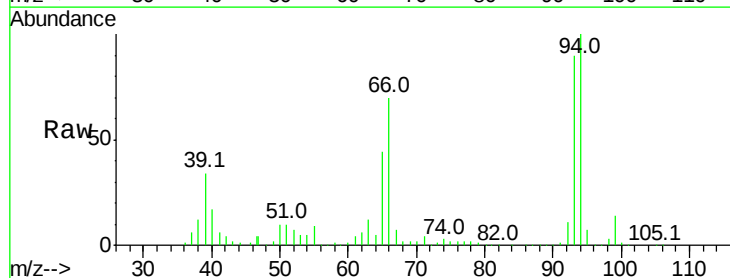
Tgt Ion: 94 Resp: 525667

Ion Ratio Lower Upper

94 100

65 44.3 7.9 47.9

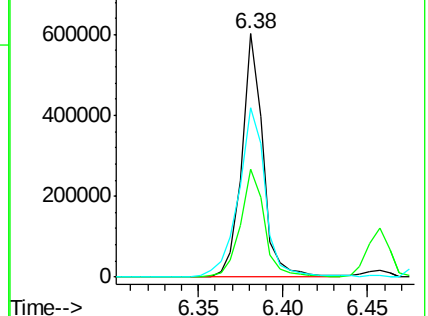
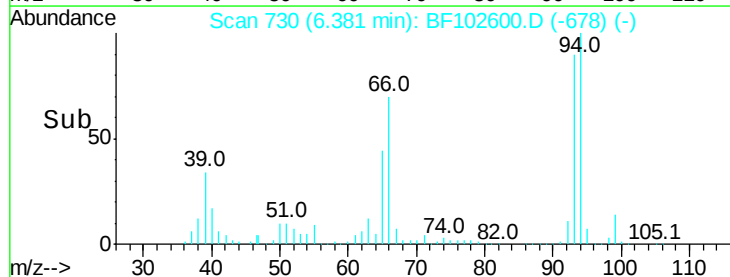
66 69.6 16.2 56.2#

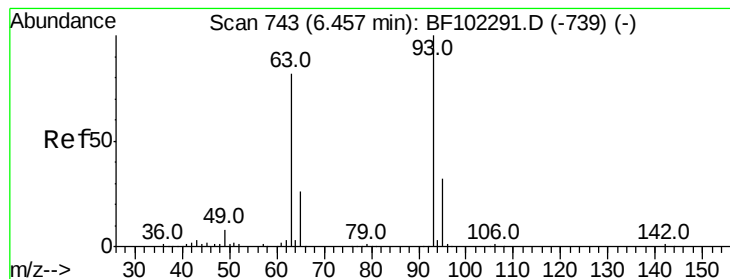


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.211 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

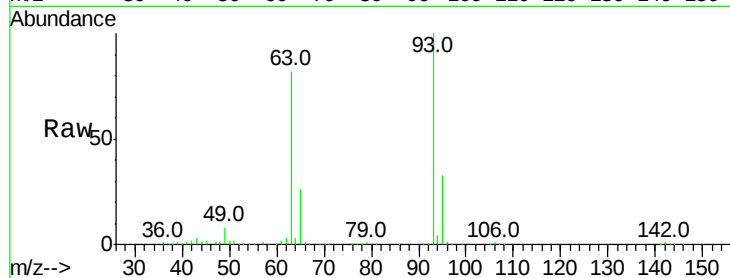
Tot Ion: 93 Resp: 436679

Ion Ratio Lower Upper

93 100

63 81.8 58.6 98.6

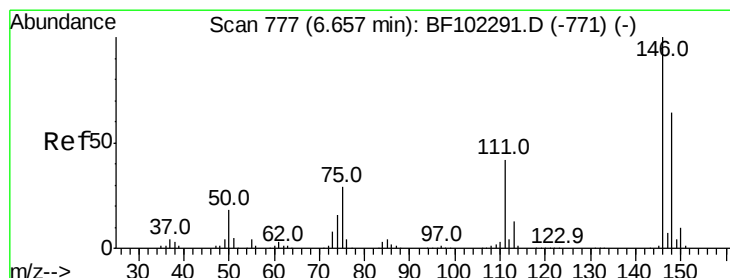
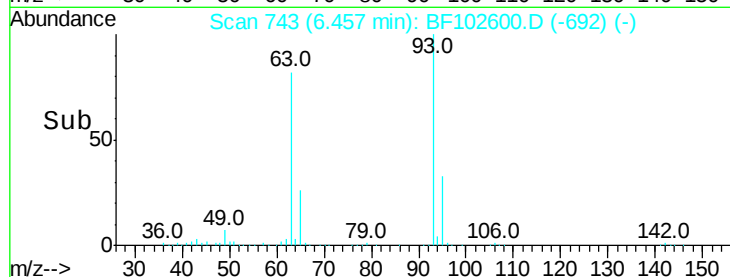
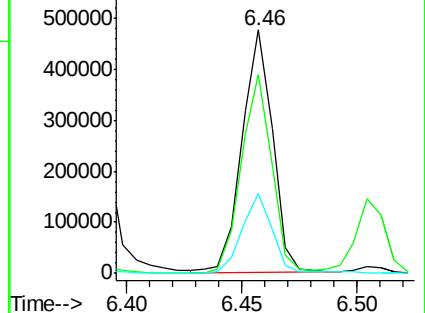
95 33.0 11.8 51.8



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: 39.617 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

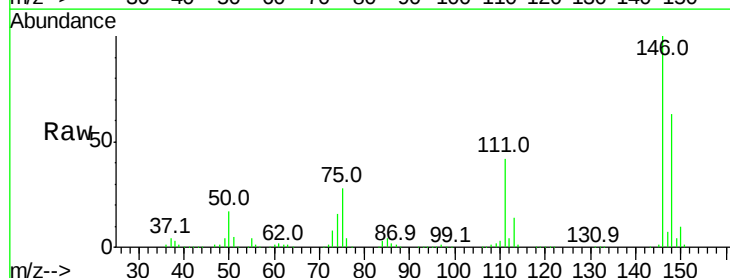
Tgt Ion: 146 Resp: 510413

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

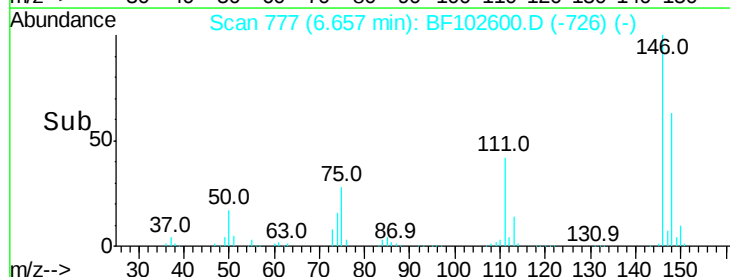
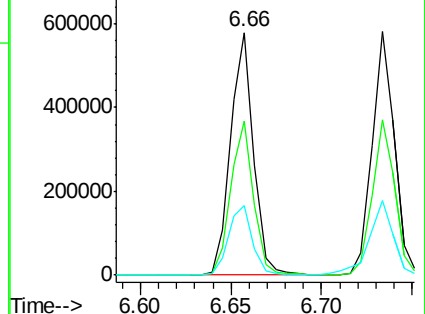
75 28.4 24.2 36.4

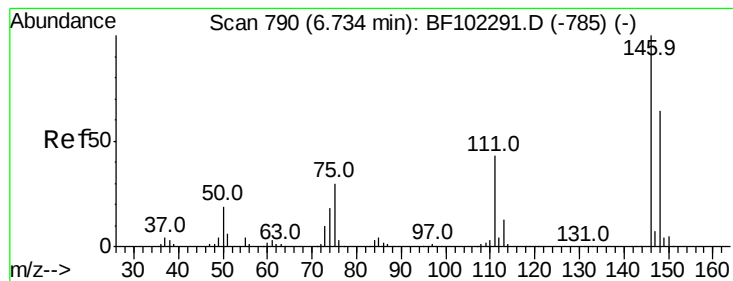


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.308 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

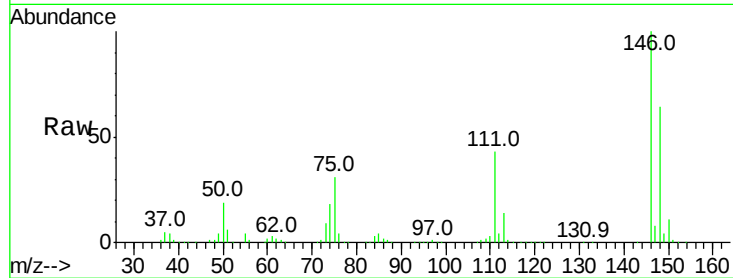
Tot Ion:146 Resp: 507312

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

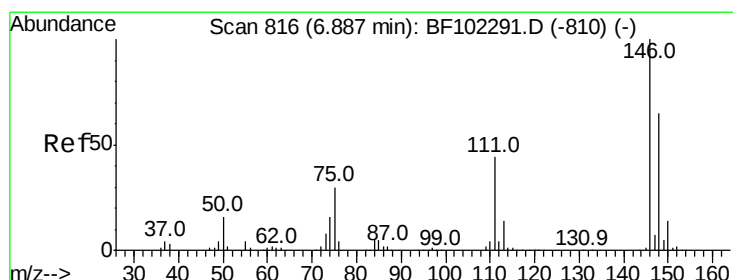
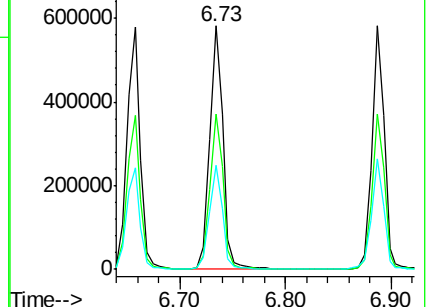
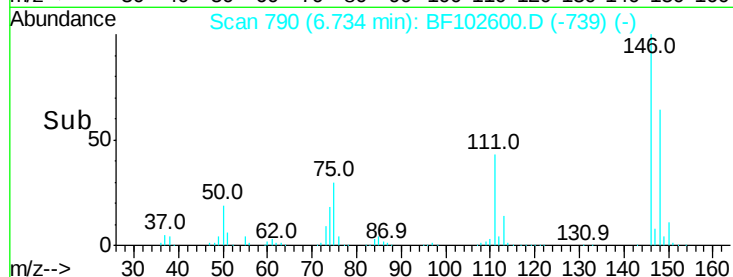
111 42.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.084 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

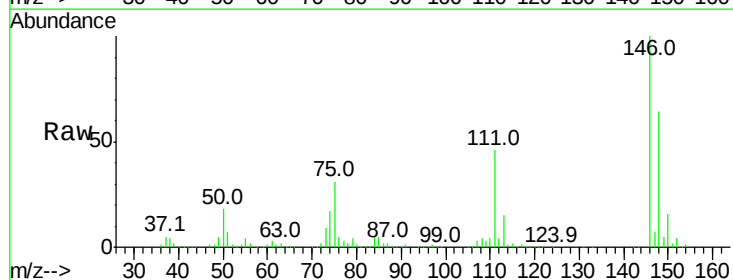
Tgt Ion:146 Resp: 461385

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

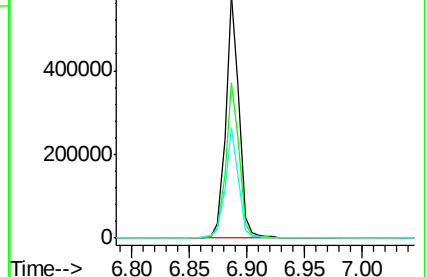
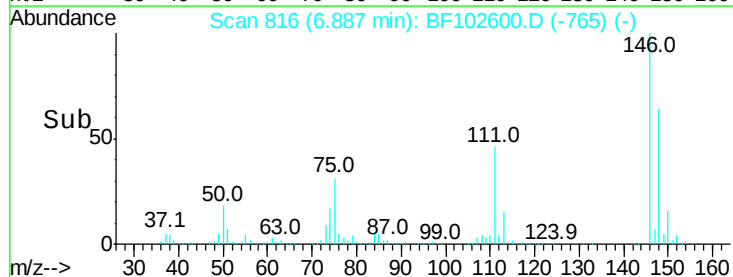
111 45.6 36.0 54.0

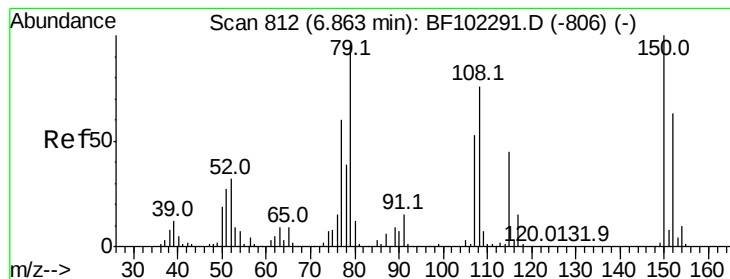


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.954 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampled :

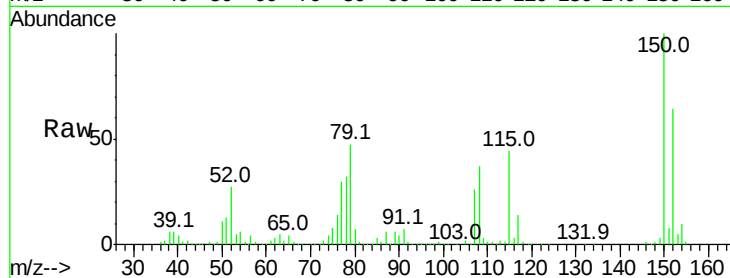
Tot Ion: 79 Resp: 333639

Ion Ratio Lower Upper

79 100

108 78.8 65.1 97.7

77 62.4 50.6 75.8

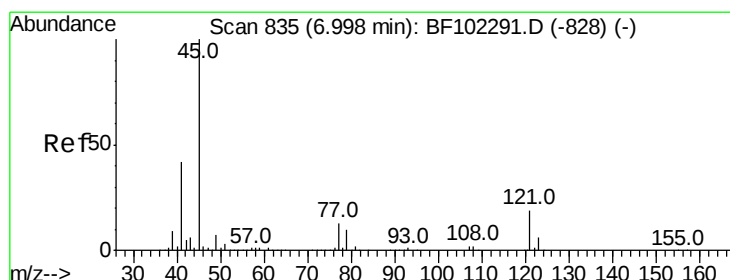
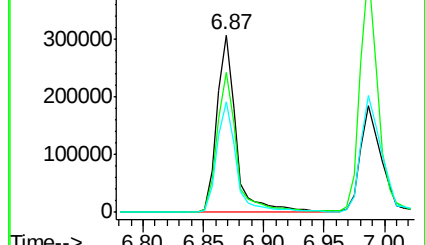
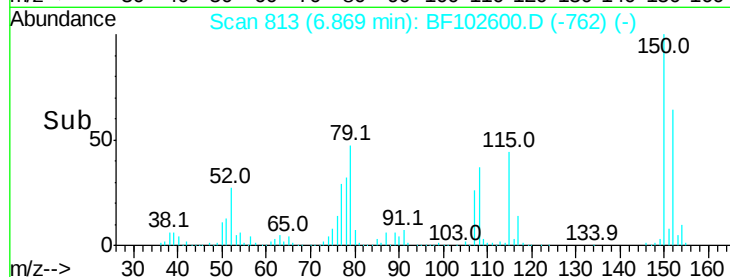


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.288 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

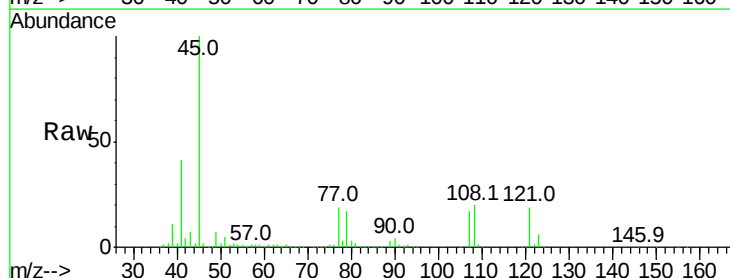
Tgt Ion: 45 Resp: 681673

Ion Ratio Lower Upper

45 100

77 18.7 0.0 32.9

79 16.7 0.0 29.6

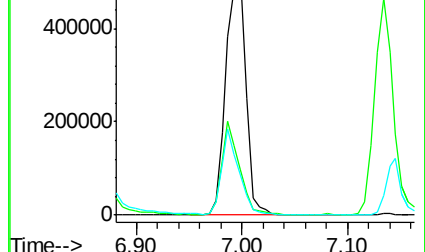
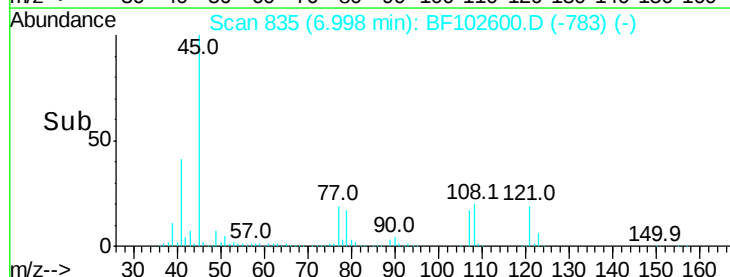


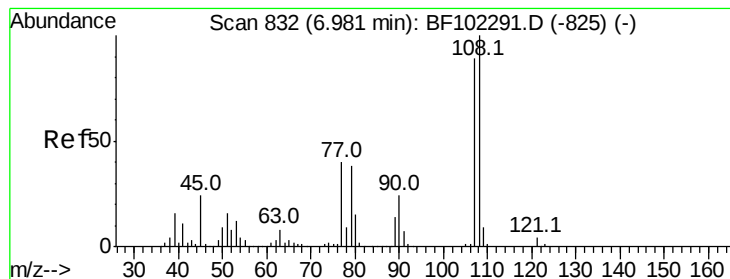
Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->





#17

2-Methylphenol

Concen: 38.844 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 365457

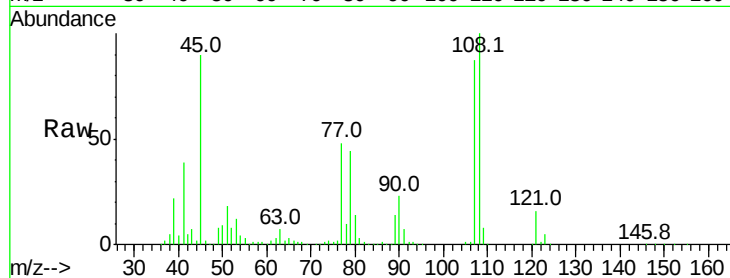
Ion Ratio Lower Upper

107 100

108 115.2 91.7 137.5

77 55.3 33.8 50.8#

79 50.6 33.8 50.8

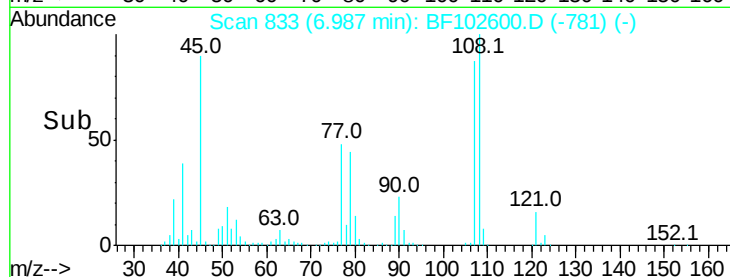


Abundance Ion 107.00 (106.70 to 107.70): E

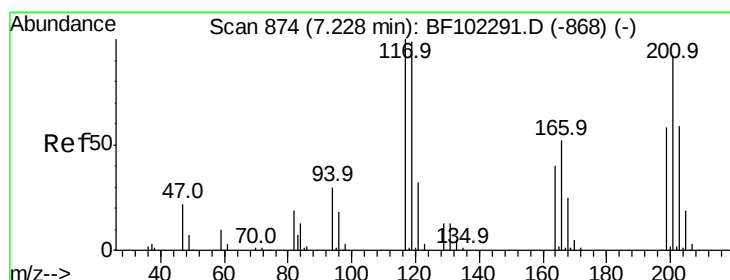
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 39.522 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

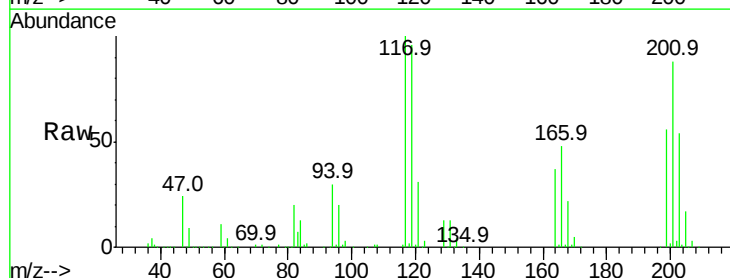
Tgt Ion:117 Resp: 177744

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

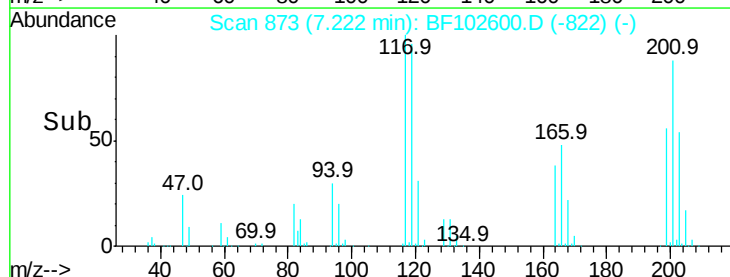
201 88.0 75.7 113.5



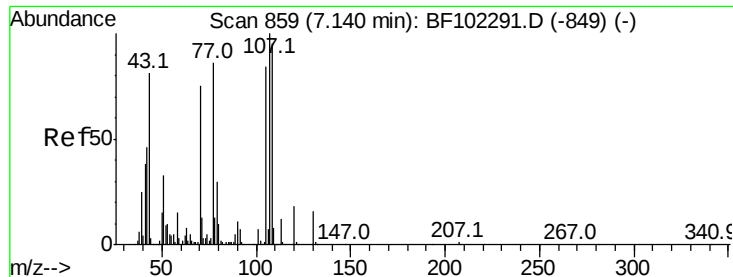
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



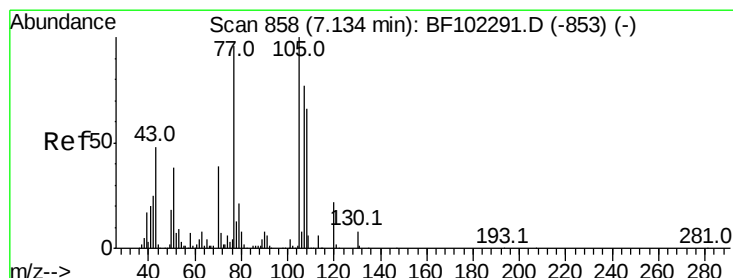
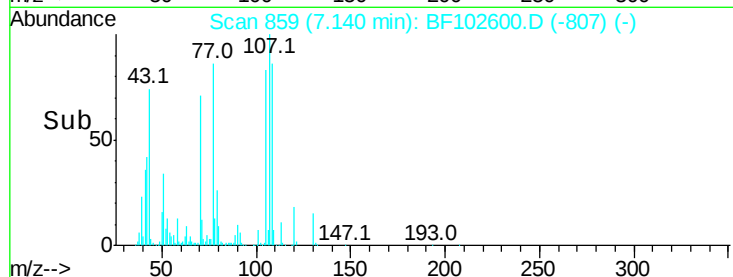
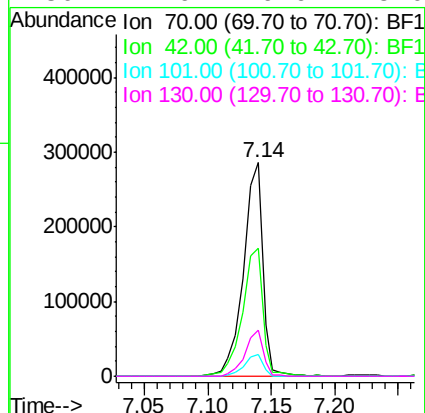
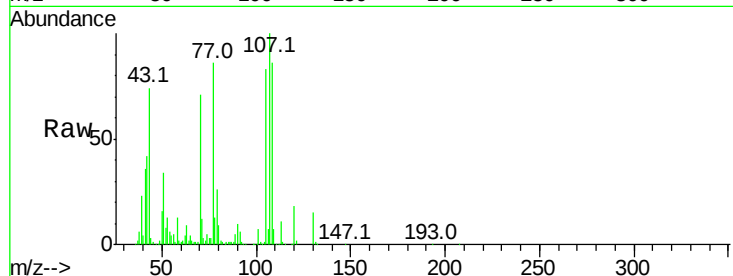
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 39.602 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

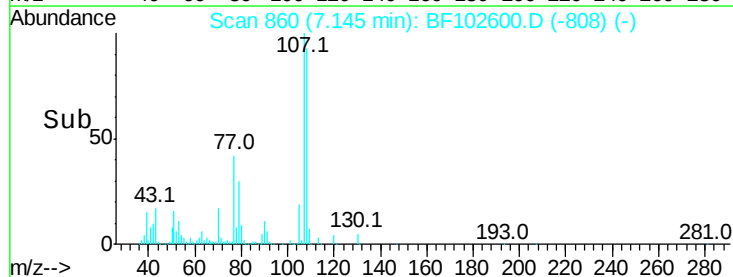
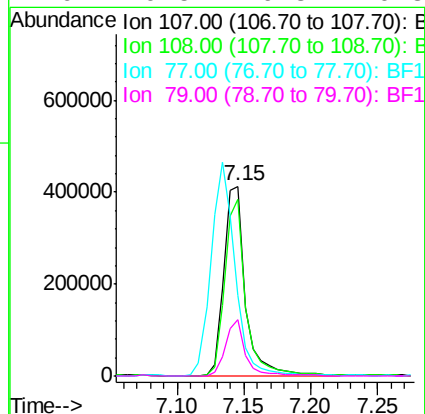
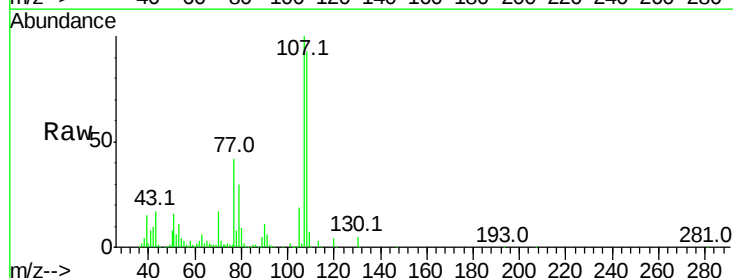
Instrument :
BNA_F
ClientSampled :

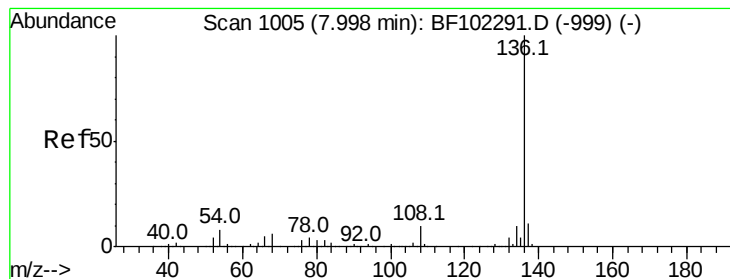
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.7	47.5	71.3
101	10.3	7.4	11.2
130	21.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.677 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	68.2	108.2
77	42.4	26.7	66.7
79	29.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 668720

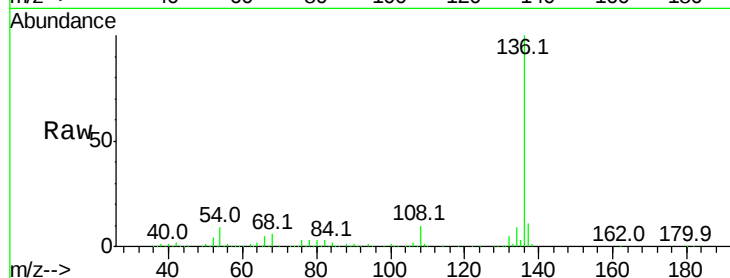
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 6.1 5.0 7.4

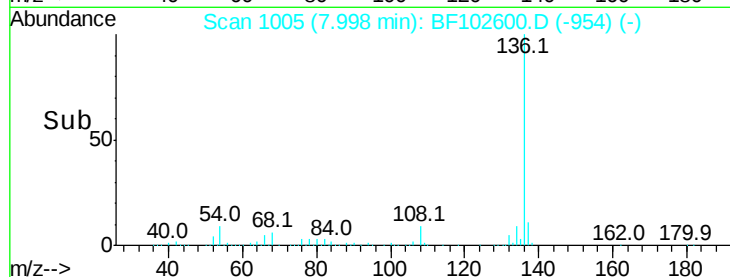


Abundance Ion 136.00 (135.70 to 136.70): E

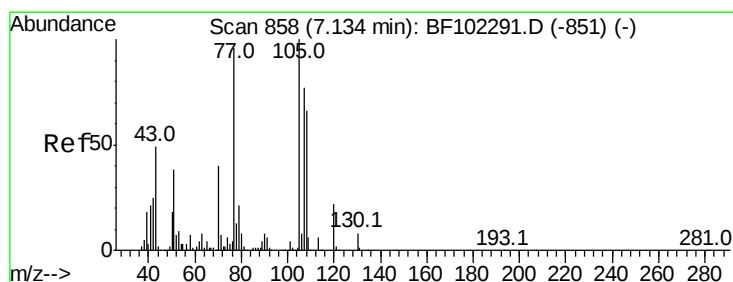
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 38.486 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Tgt Ion:105 Resp: 613506

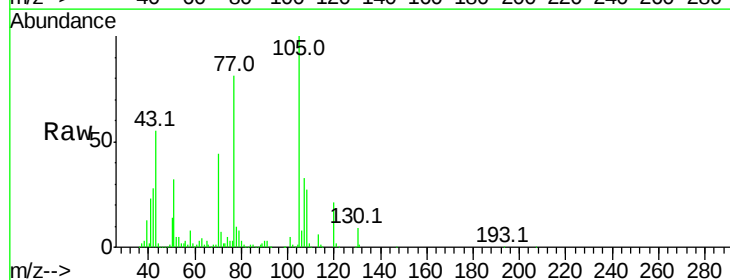
Ion Ratio Lower Upper

105 100

71 7.4 4.4 6.6#

51 31.7 22.3 33.5

120 21.4 16.9 25.3

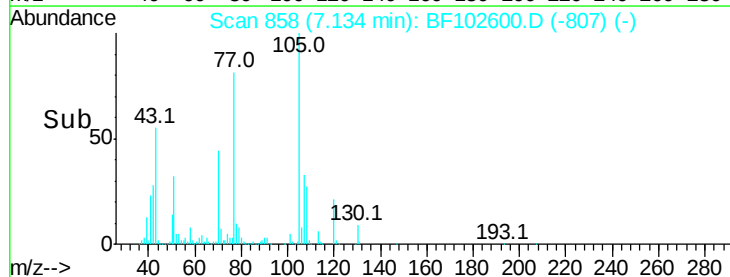


Abundance Ion 105.00 (104.70 to 105.70): E

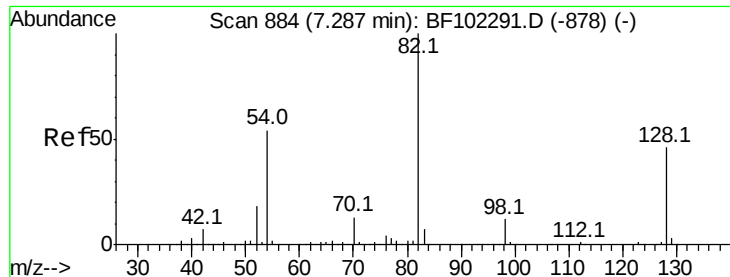
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



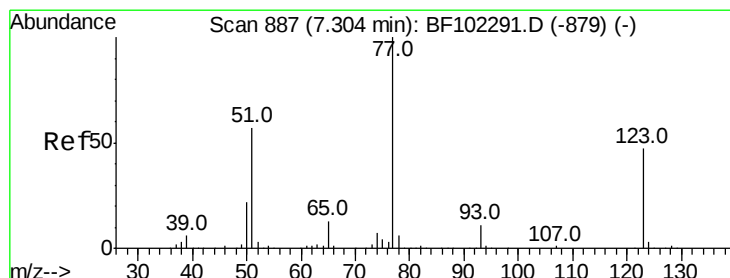
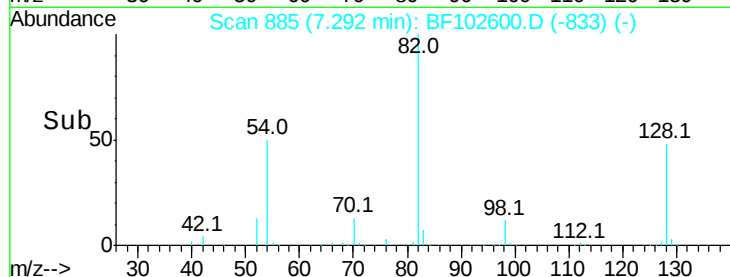
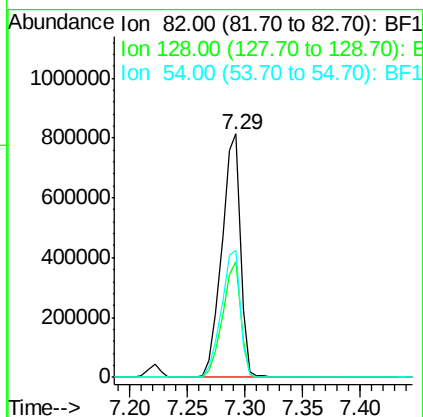
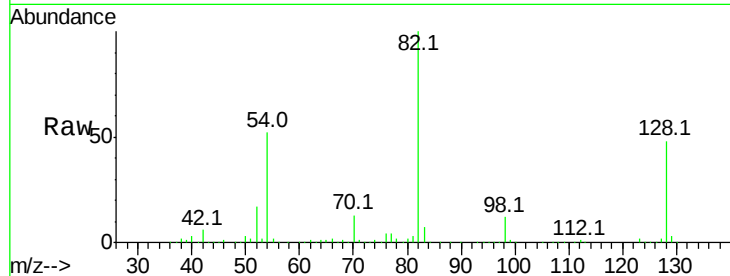
Time-->



#23
 Nitrobenzene-d5
 Concen: 78.513 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.01 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

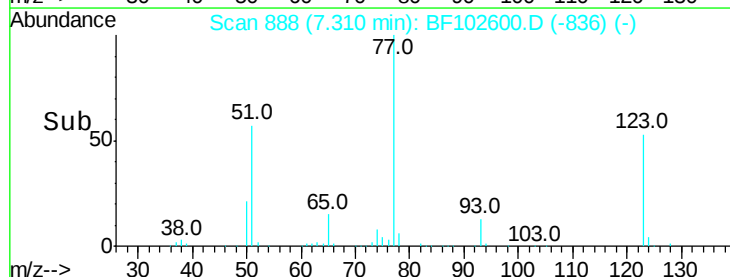
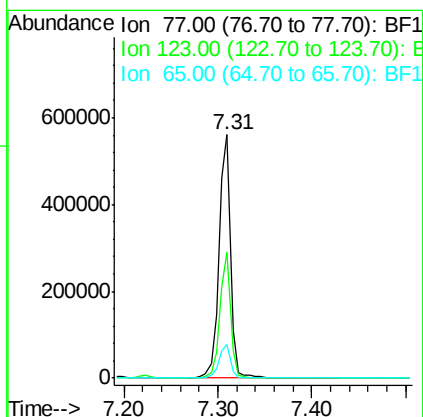
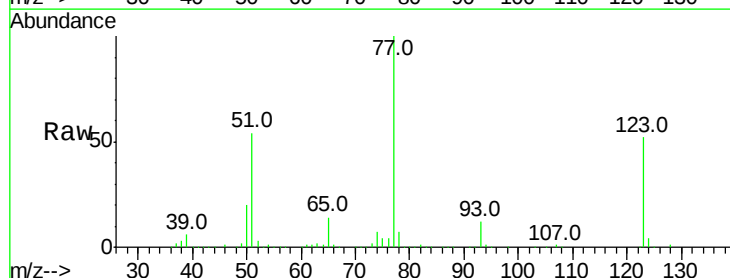
Instrument :
 BNA_F
 ClientSampleId :

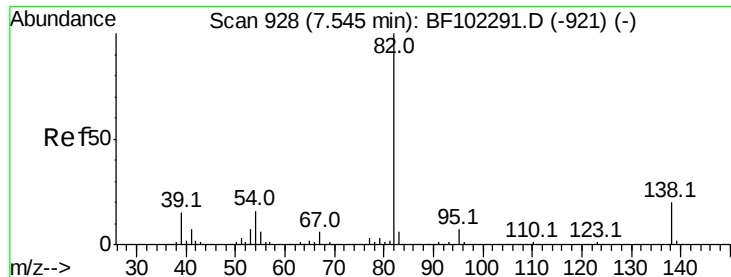
Tot Ion: 82 Resp: 913624
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.1 54.1
 54 52.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.299 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Tgt Ion: 77 Resp: 479908
 Ion Ratio Lower Upper
 77 100
 123 51.7 37.9 56.9
 65 13.7 11.0 16.4





#25

Isophorone

Concen: 39.930 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :
BNA_F
ClientSampleId :

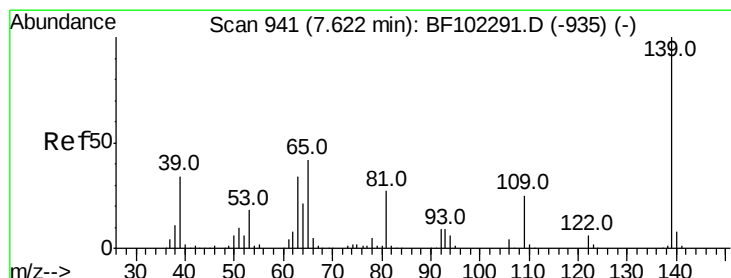
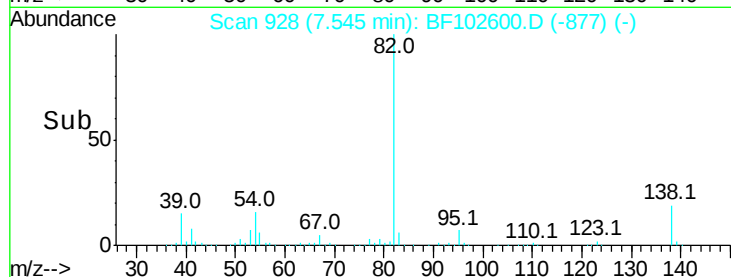
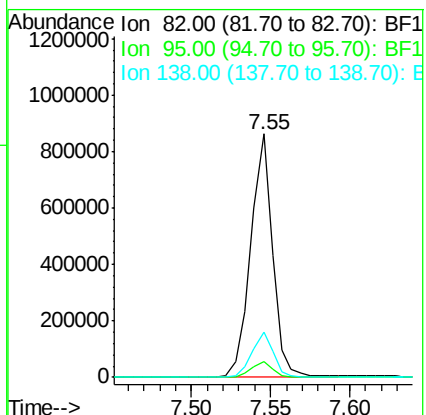
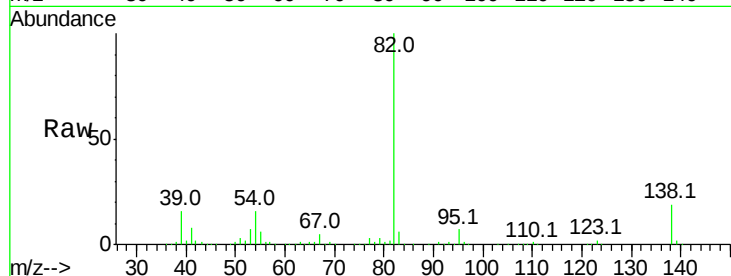
Tot Ion: 82 Resp: 828346

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 41.261 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

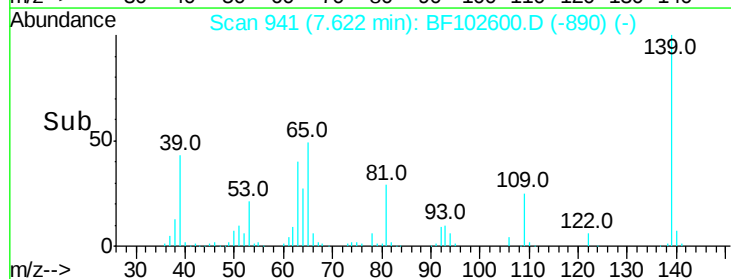
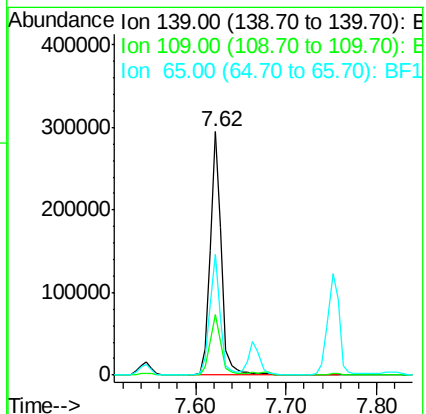
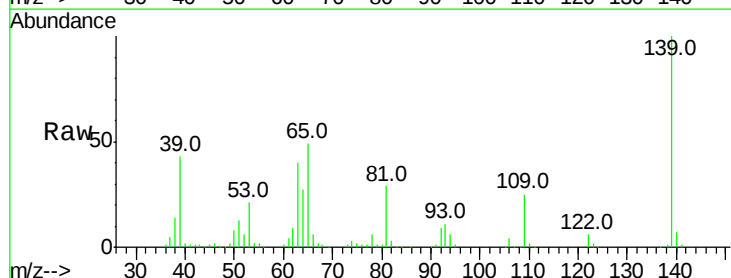
Tgt Ion: 139 Resp: 258609

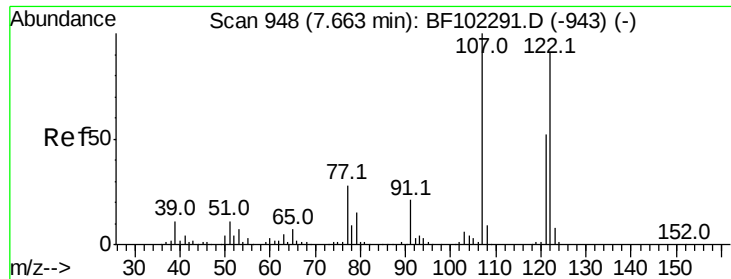
Ion Ratio Lower Upper

139 100

109 24.9 22.7 34.1

65 49.3 40.5 60.7

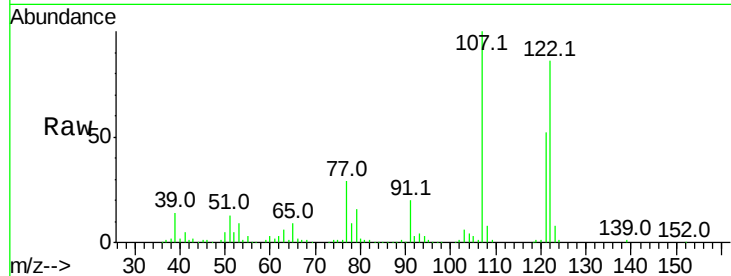




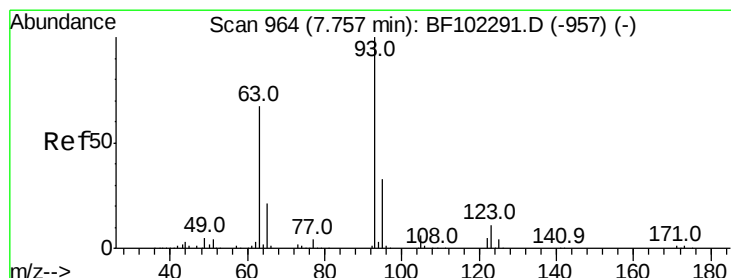
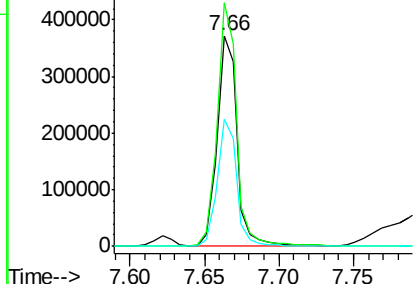
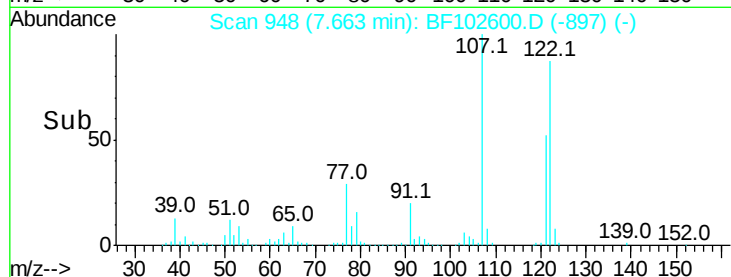
#27
 2,4-Dimethylphenol
 Concen: 38.203 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 347685
 Ion Ratio Lower Upper
 122 100
 107 115.7 91.2 136.8
 121 60.3 47.2 70.8

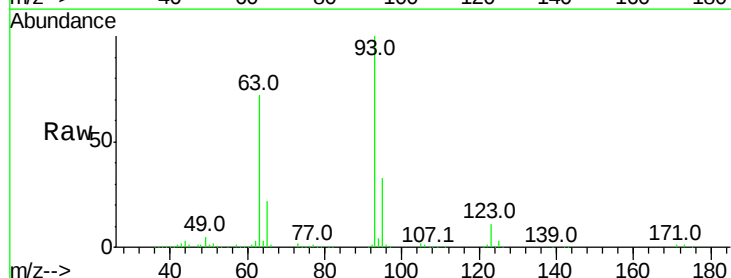


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

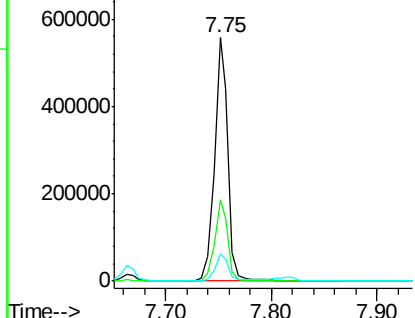
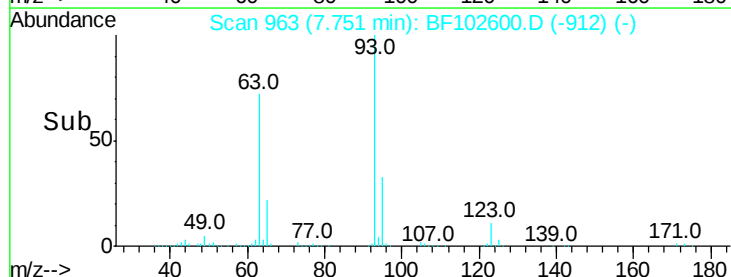


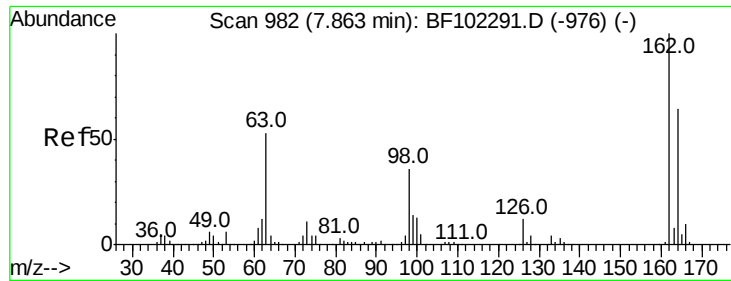
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.186 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Tgt Ion: 93 Resp: 502166
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 11.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

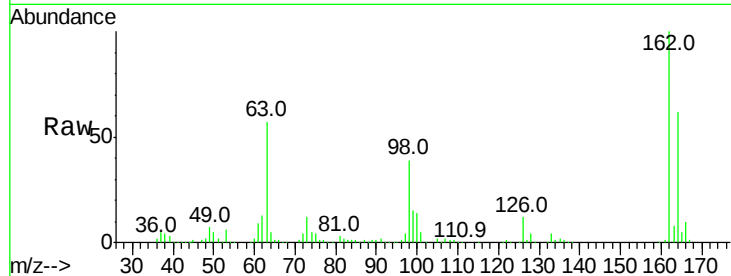




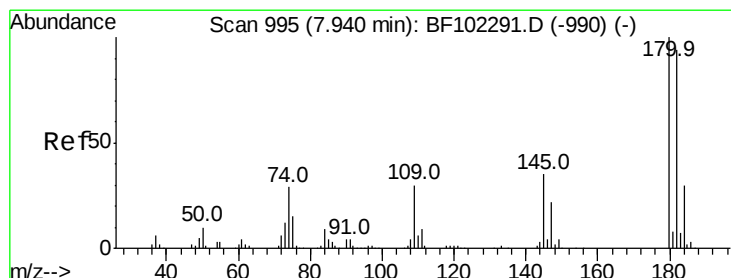
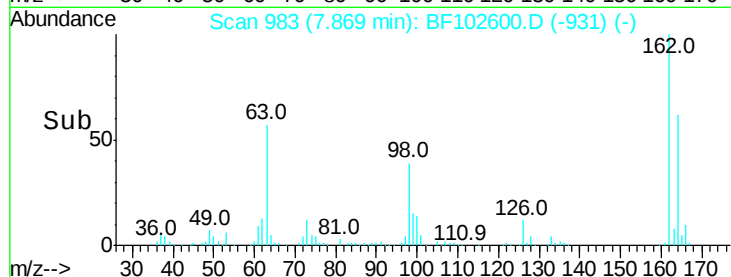
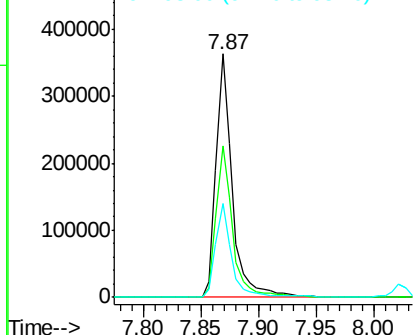
#29
 2,4-Dichlorophenol
 Concen: 38.354 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.7	82.7
98	38.6	18.1	58.1

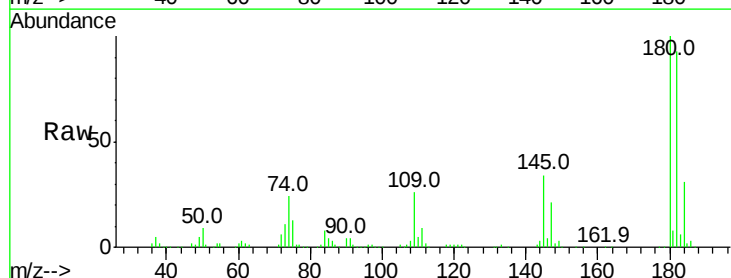


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

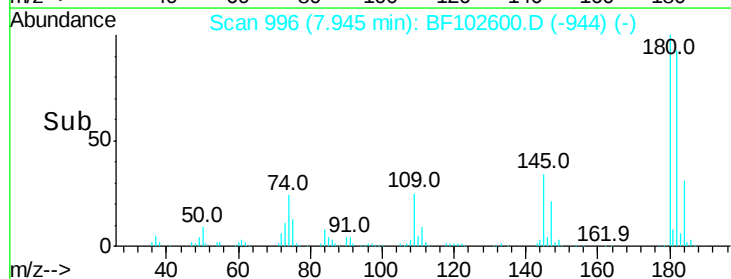
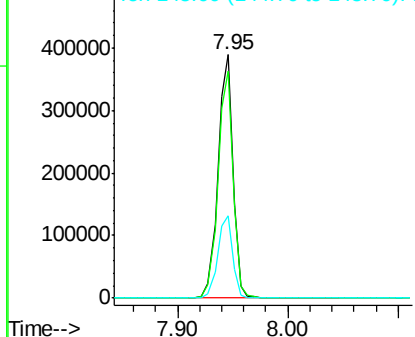


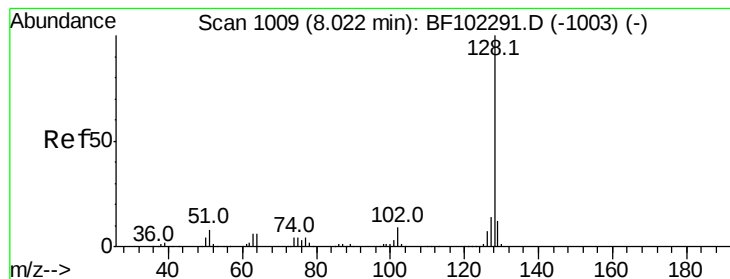
#30
 1,2,4-Trichlorobenzene
 Concen: 36.883 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.8	115.2
145	34.1	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: 37.749 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

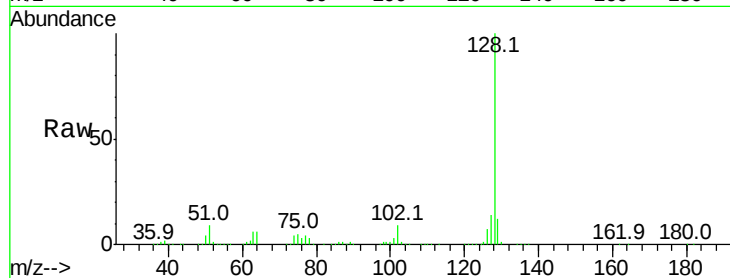
Tot Ion:128 Resp: 1260373

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

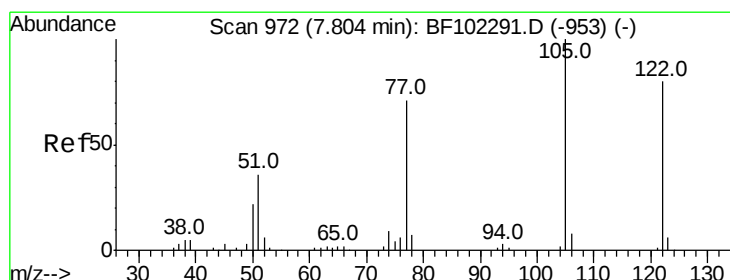
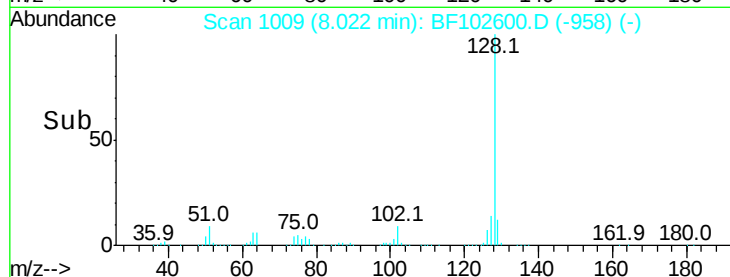
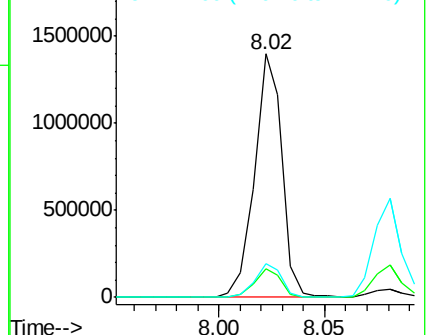
127 13.8 10.9 16.3



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: 33.791 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

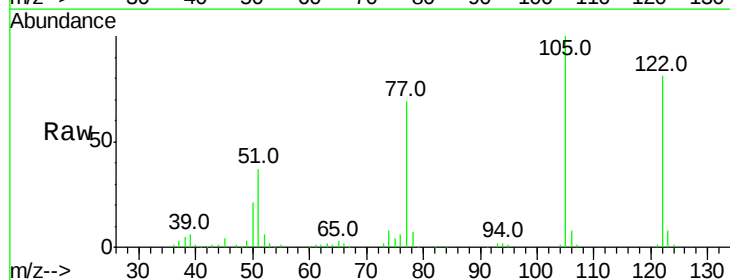
Tgt Ion:122 Resp: 257651

Ion Ratio Lower Upper

122 100

105 123.8 101.1 141.1

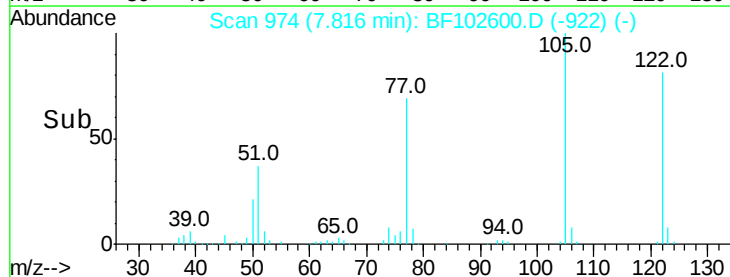
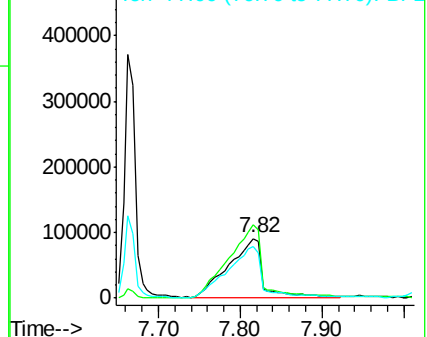
77 85.8 70.7 110.7

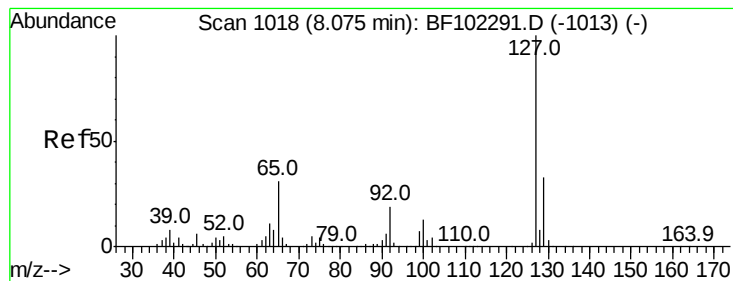


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 39.358 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 552595

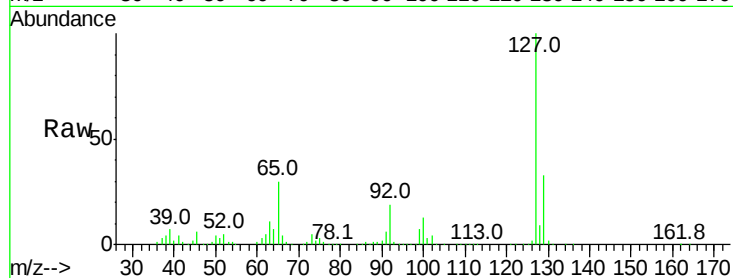
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 29.9 25.0 37.4

92 18.8 15.2 22.8

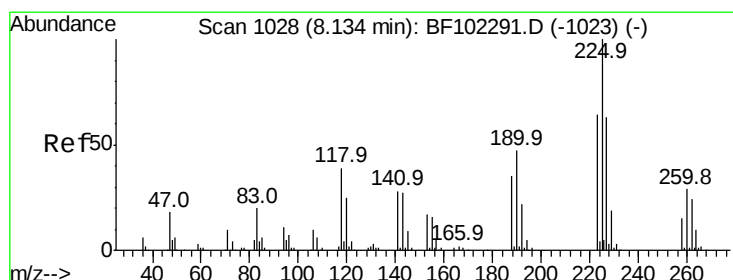
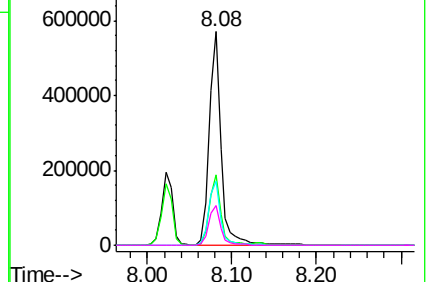
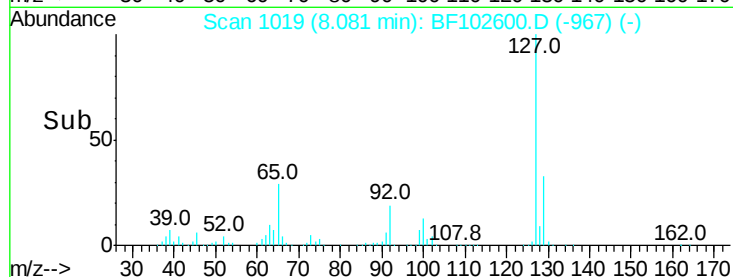


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.929 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

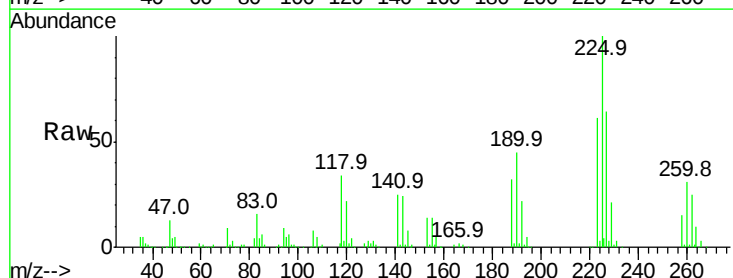
Tgt Ion:225 Resp: 196002

Ion Ratio Lower Upper

225 100

223 60.6 50.6 76.0

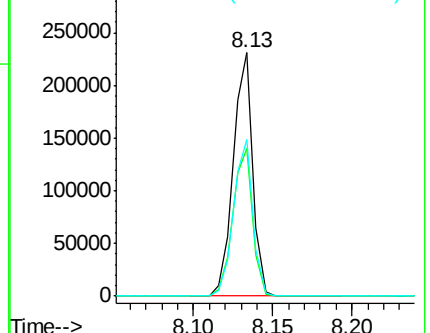
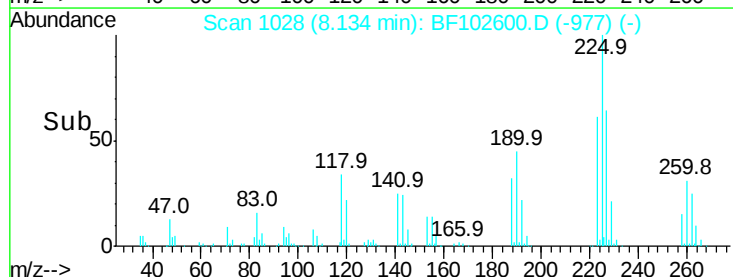
227 64.3 51.9 77.9

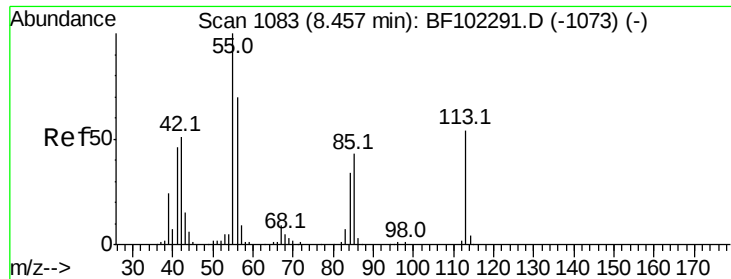


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.700 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

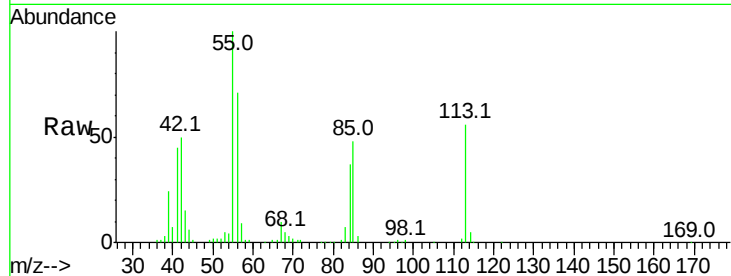
Tot Ion:113 Resp: 90932

Ion Ratio Lower Upper

113 100

55 179.9 163.3 203.3

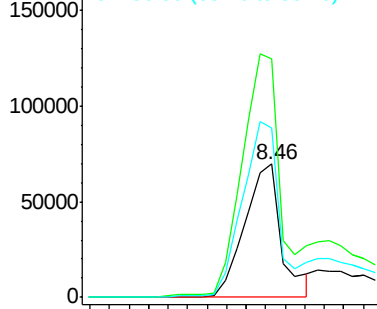
56 127.7 115.7 155.7



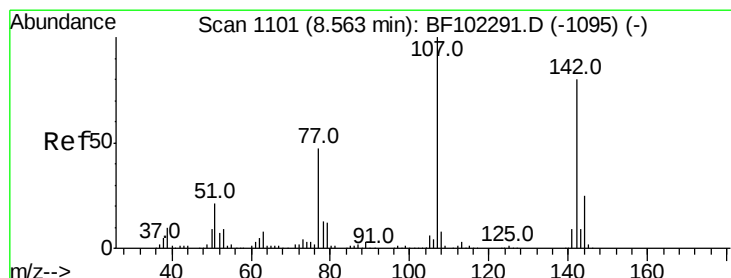
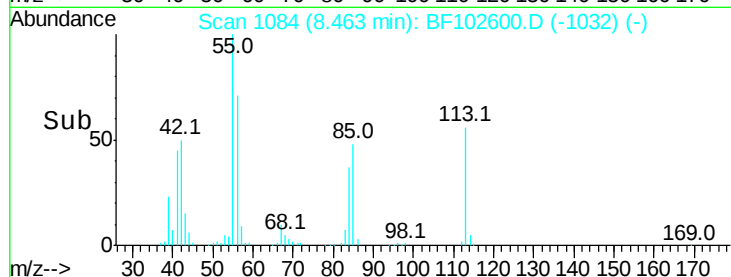
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



Time-->



#36

4-Chloro-3-methylphenol

Concen: 39.330 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

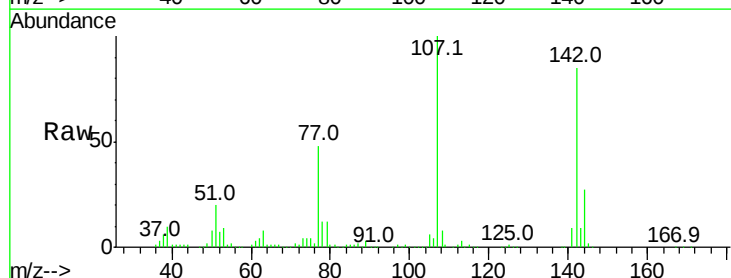
Tgt Ion:107 Resp: 384325

Ion Ratio Lower Upper

107 100

144 27.4 20.5 30.7

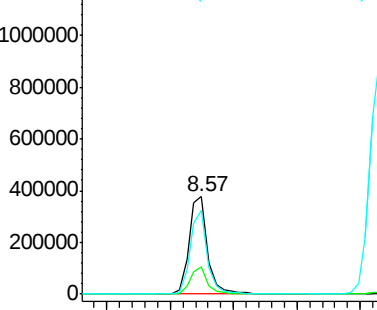
142 85.2 62.0 93.0



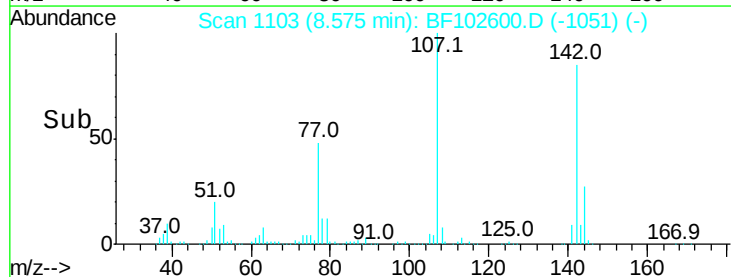
Abundance Ion 107.00 (106.70 to 107.70): E

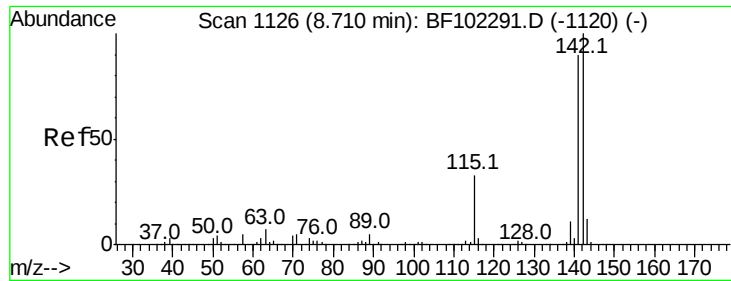
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

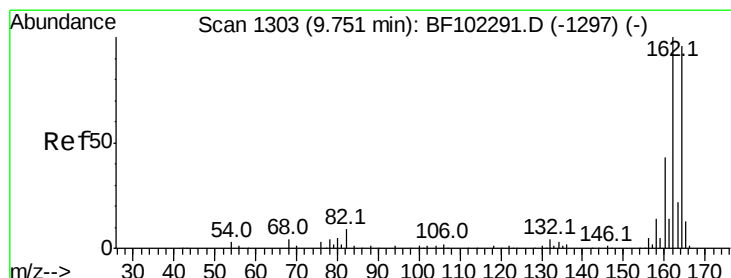
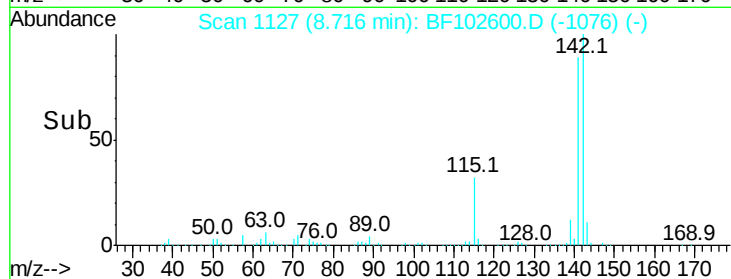
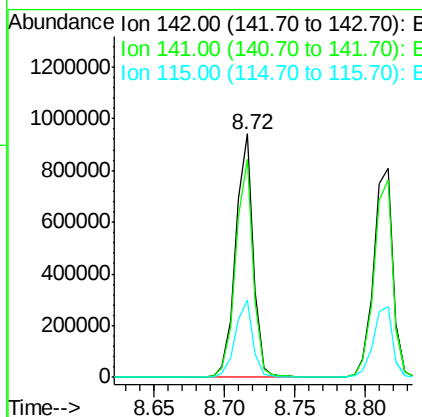
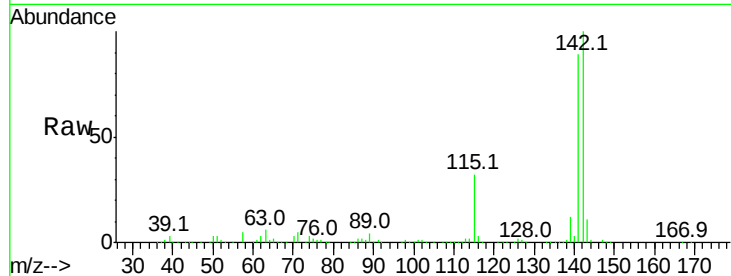




#37
 2-Methylnaphthalene
 Concen: 36.567 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

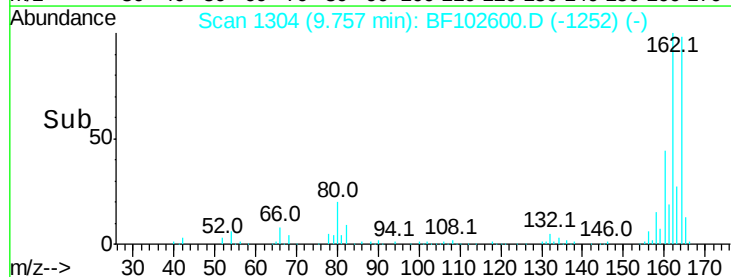
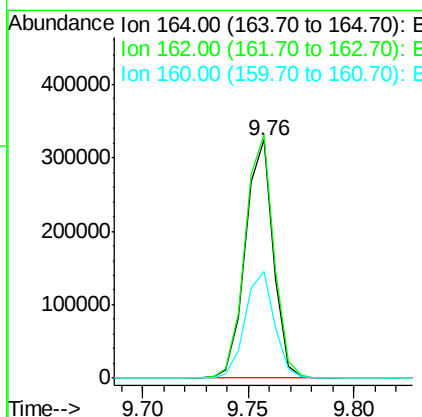
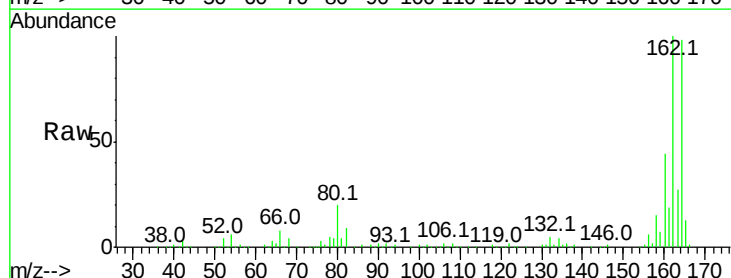
Instrument :
 BNA_F
 ClientSampled :

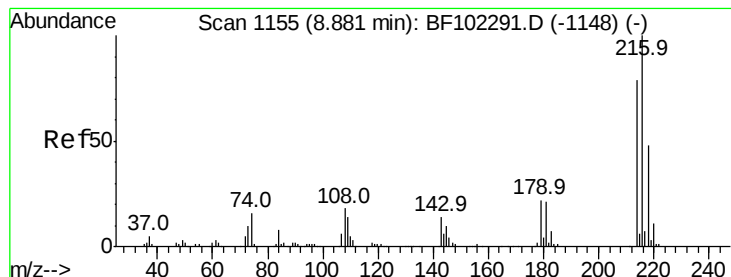
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.8	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	44.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.540 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 334661

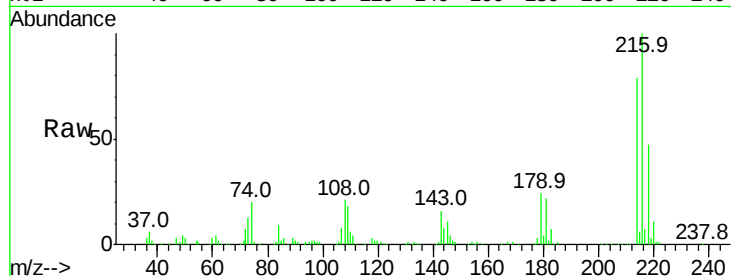
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.9 18.1 27.1

108 22.2 17.2 25.8

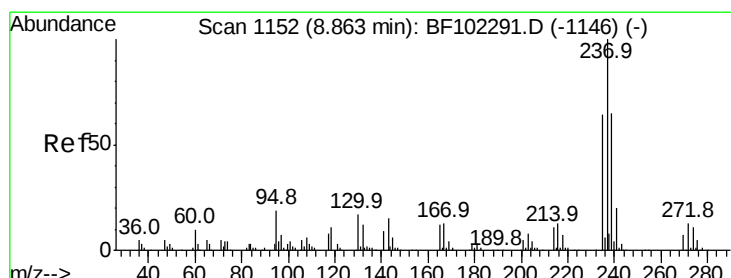
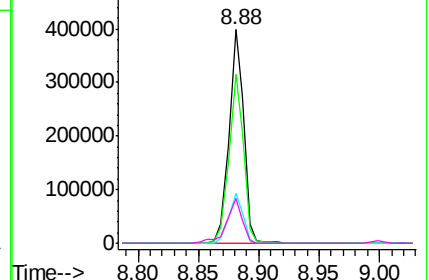
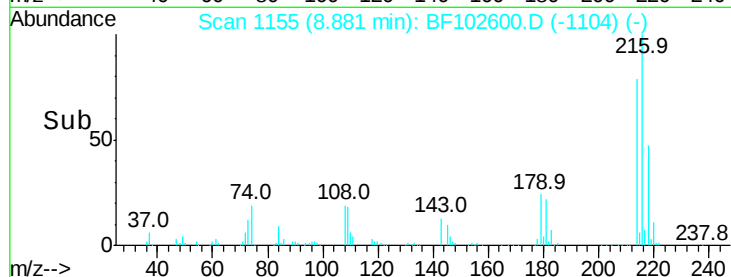


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 37.155 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

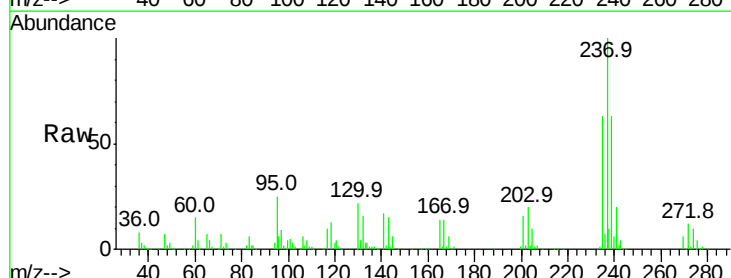
Tgt Ion:237 Resp: 148235

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

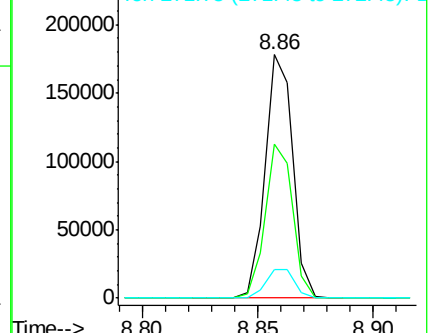
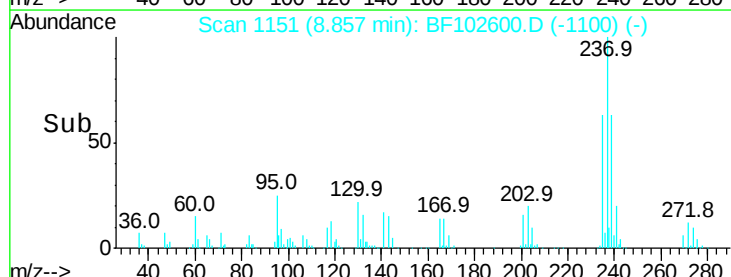
272 11.9 0.0 33.3

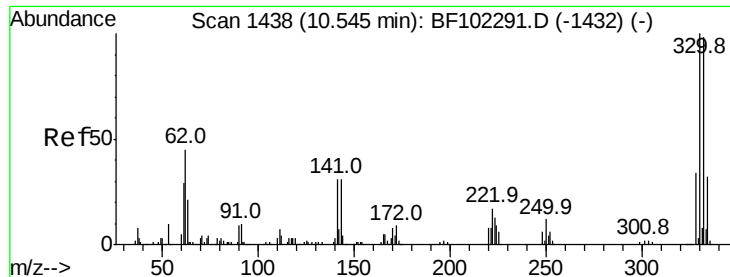


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

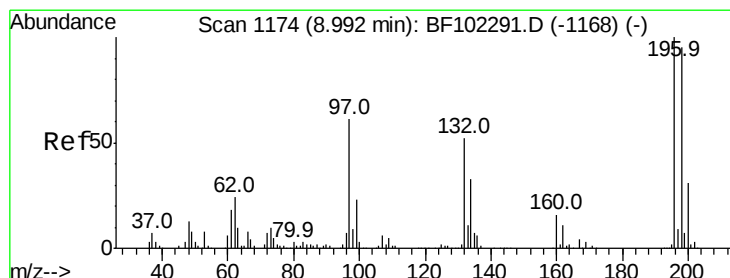
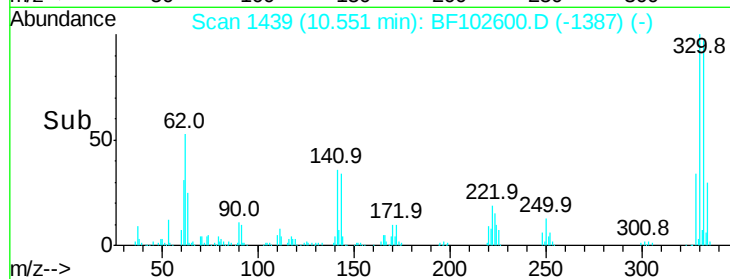
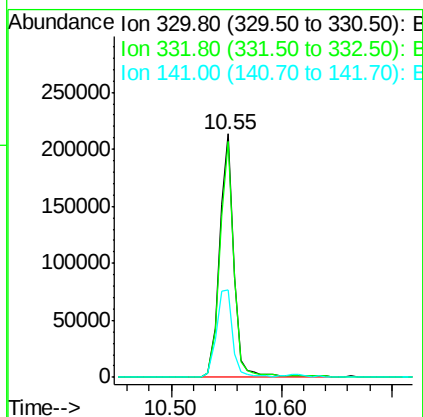
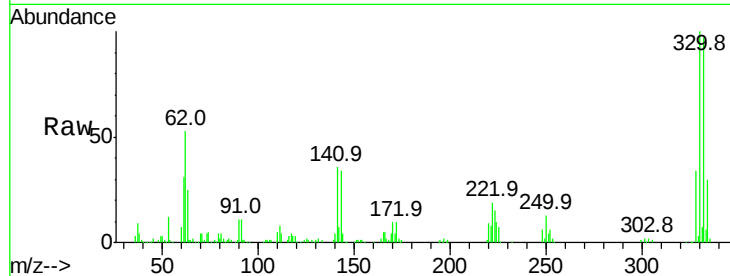




#41
 2,4,6-Tribromophenol
 Concen: 65.668 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

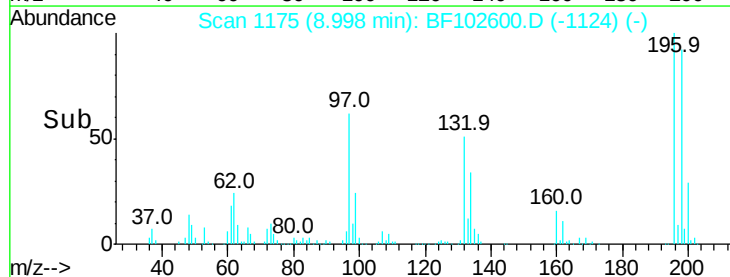
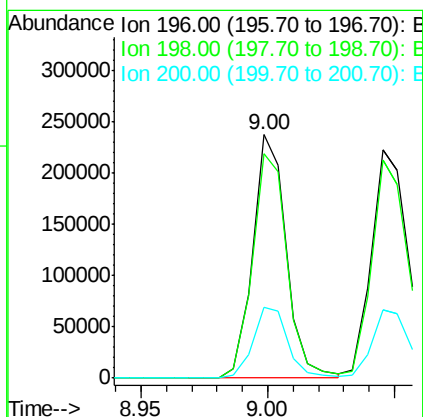
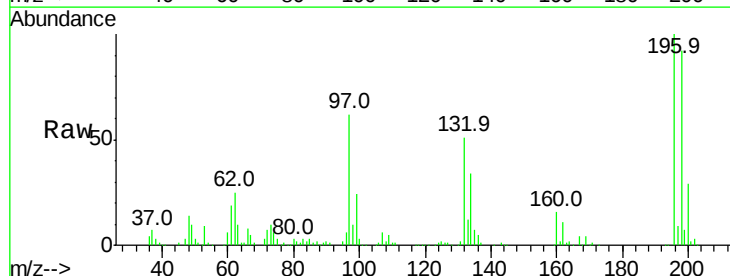
Instrument :
 BNA_F
 ClientSampled :

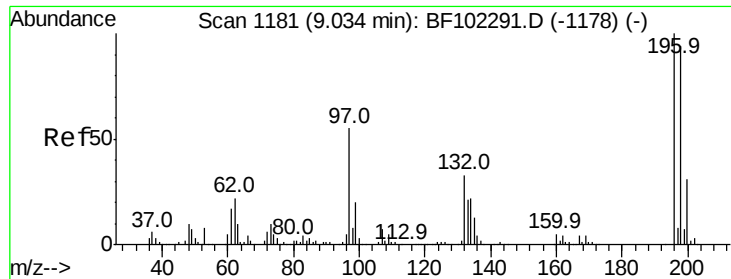
Tot Ion:330 Resp: 192803
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 40.7 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.627 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Tgt Ion:196 Resp: 218585
 Ion Ratio Lower Upper
 196 100
 198 92.0 75.7 113.5
 200 29.3 24.5 36.7

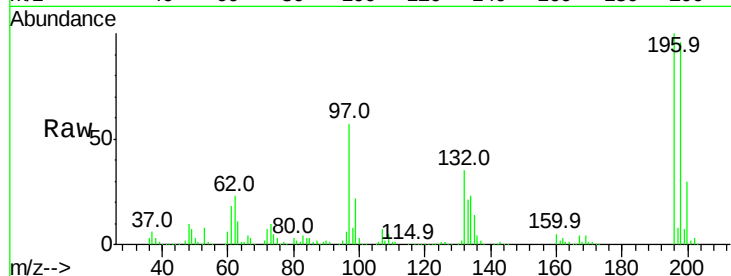




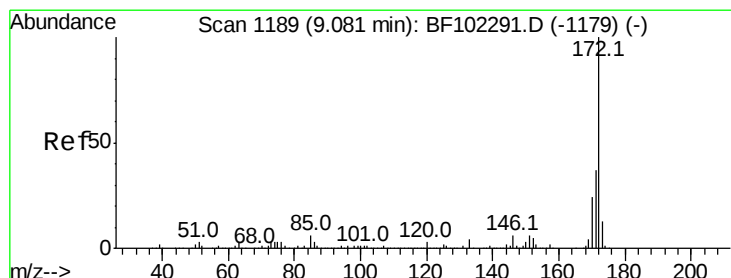
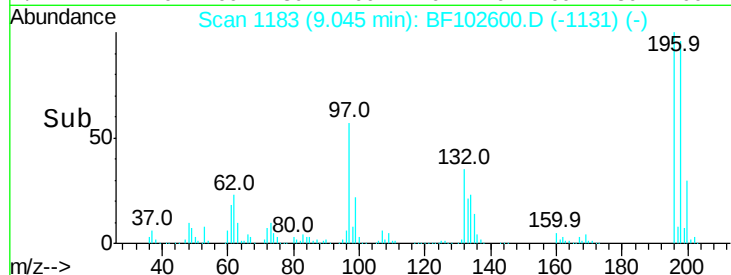
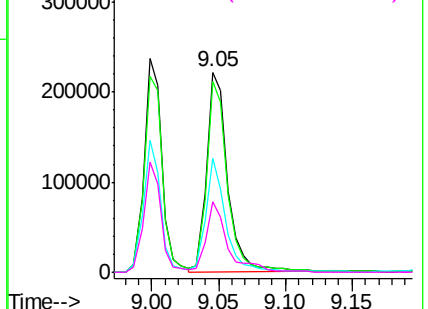
#43
 2,4,5-Trichlorophenol
 Concen: 36.312 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 243996
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 57.0 42.9 64.3
 132 34.9 26.3 39.5

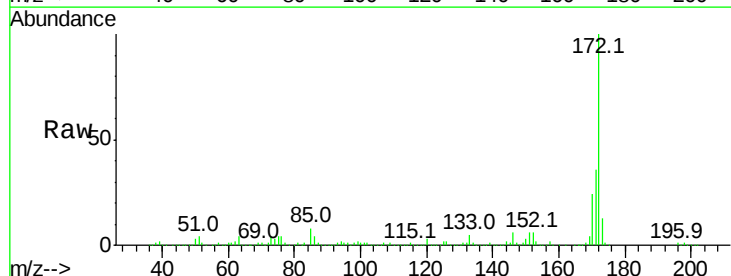


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

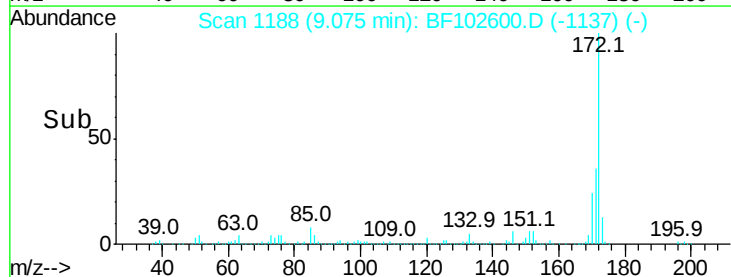
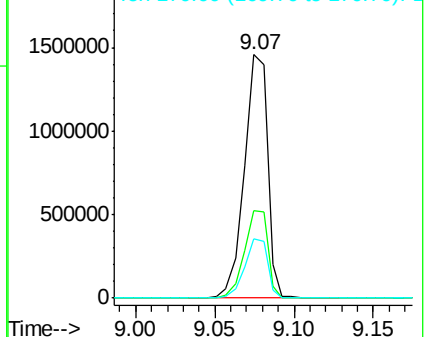


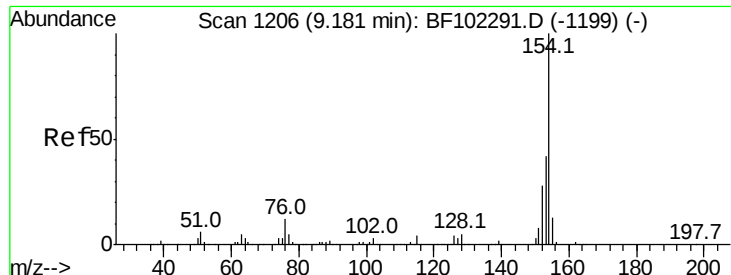
#44
 2-Fluorobiphenyl
 Concen: 73.276 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Tgt Ion:172 Resp: 1476693
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.2 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

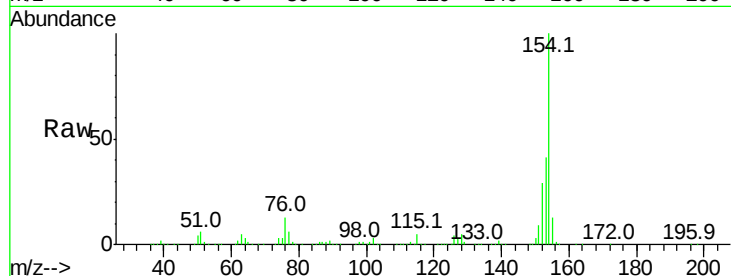




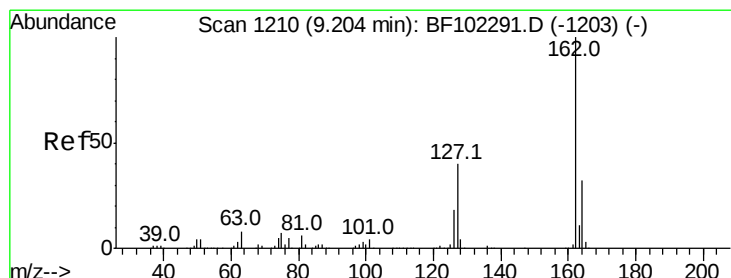
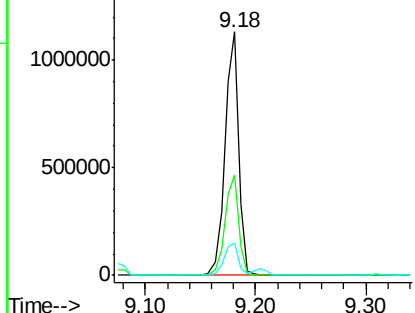
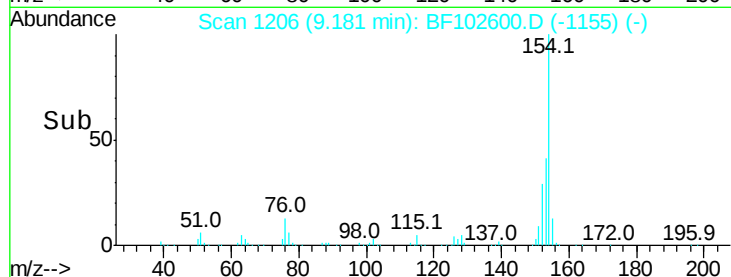
#45
 1,1'-Biphenyl
 Concen: 36.955 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	13.1	0.0	34.0

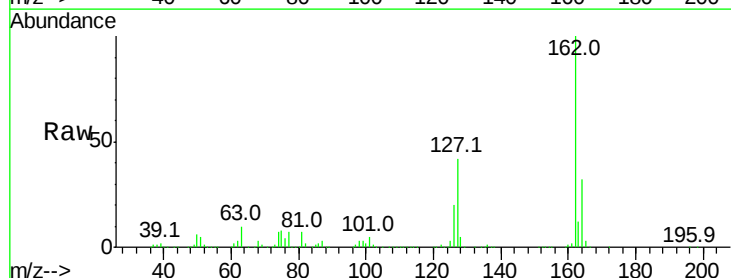


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

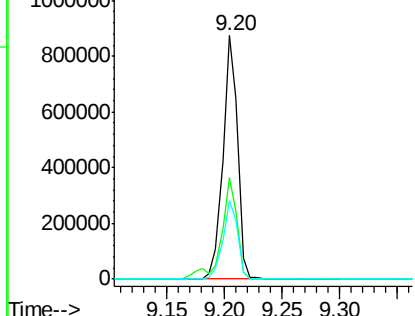
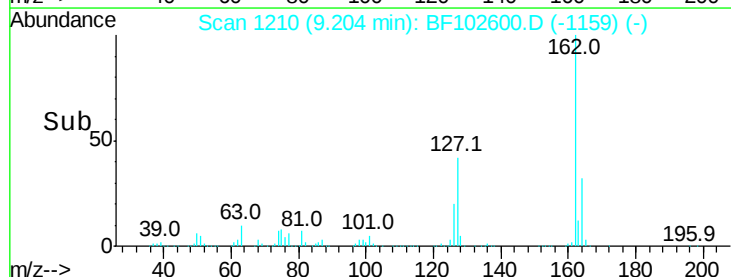


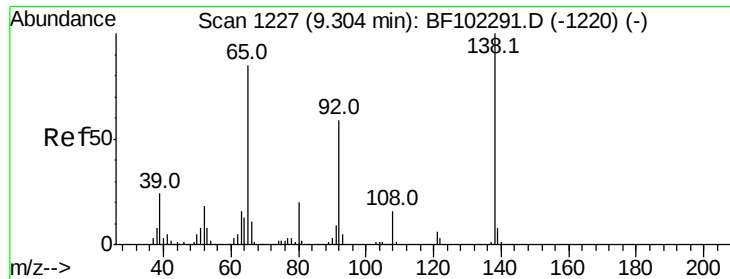
#46
 2-Chloronaphthalene
 Concen: 37.435 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.9	50.9
164	32.1	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: 41.812 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

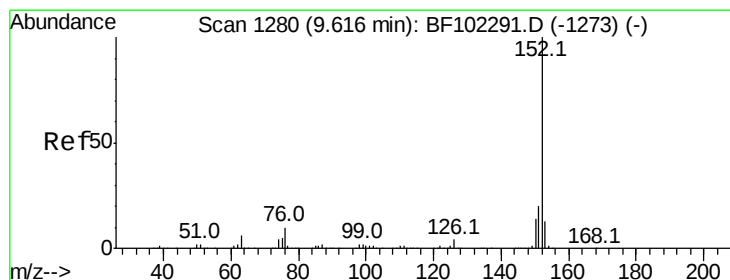
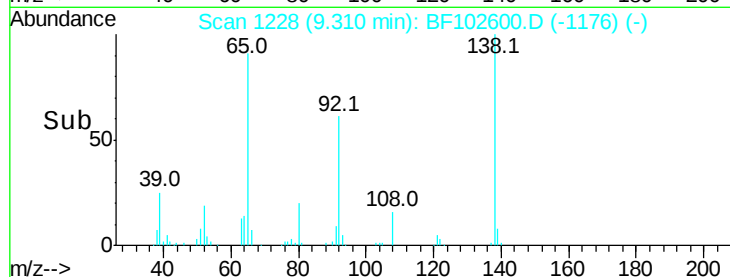
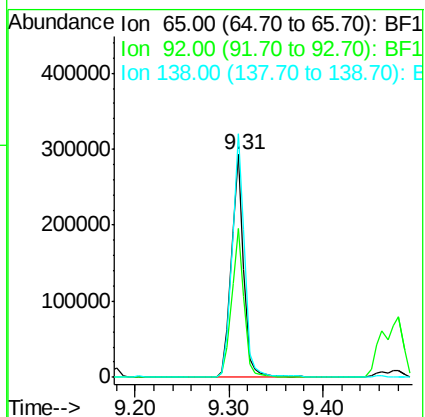
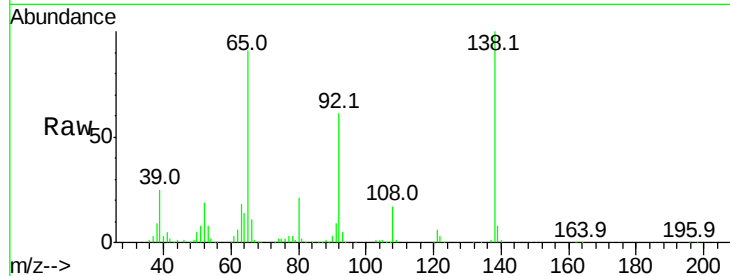
Tot Ion: 65 Resp: 268461

Ion Ratio Lower Upper

65 100

92 67.1 55.8 83.6

138 109.3 91.2 136.8



#48

Acenaphthylene

Concen: 36.621 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

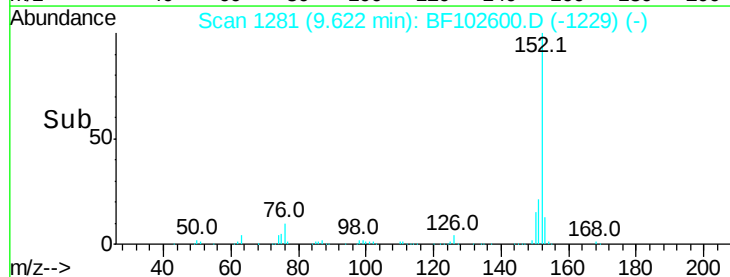
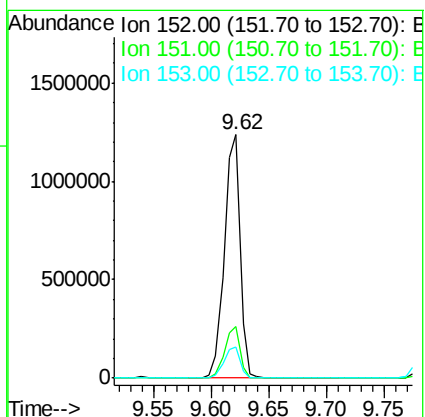
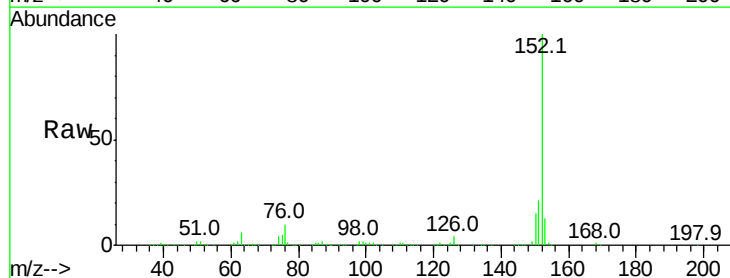
Tgt Ion: 152 Resp: 1174968

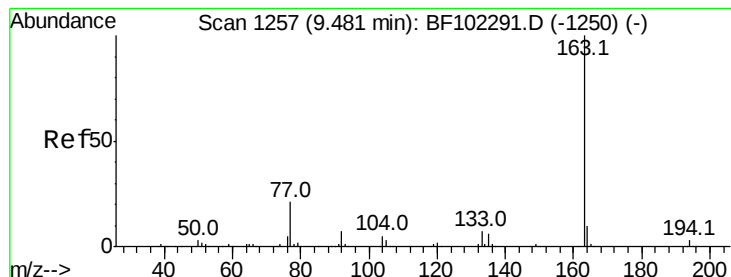
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 36.808 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampled :

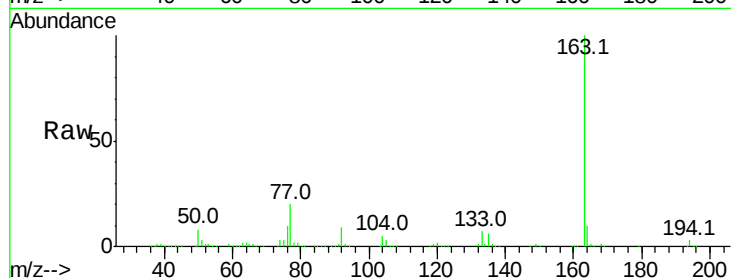
Tot Ion:163 Resp: 901508

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

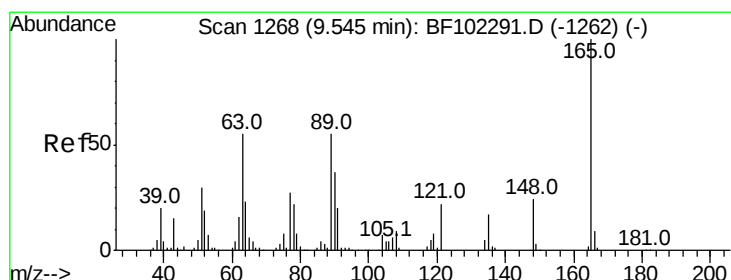
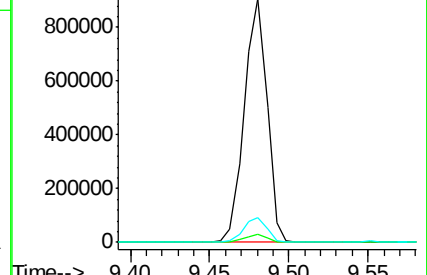
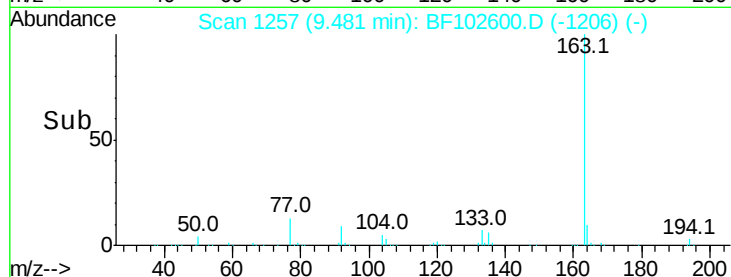
164 10.4 8.2 12.2



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: 37.136 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

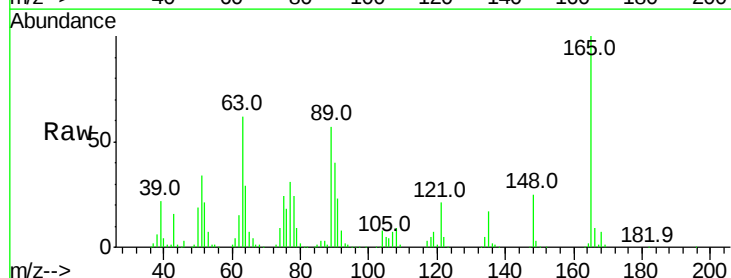
Tgt Ion:165 Resp: 196096

Ion Ratio Lower Upper

165 100

63 62.2 44.7 67.1

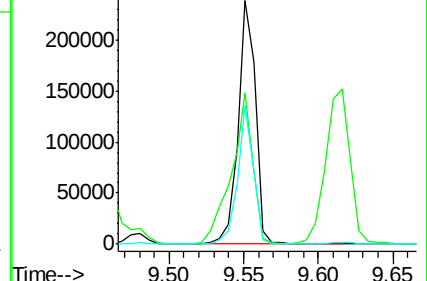
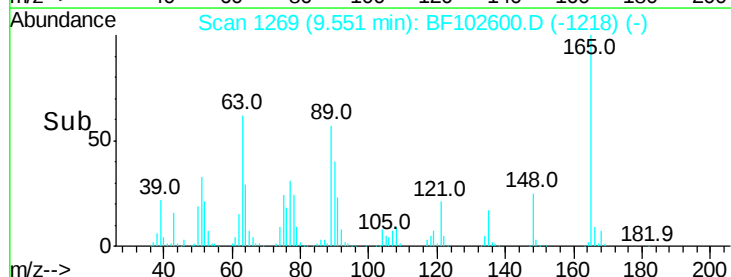
89 57.0 44.0 66.0

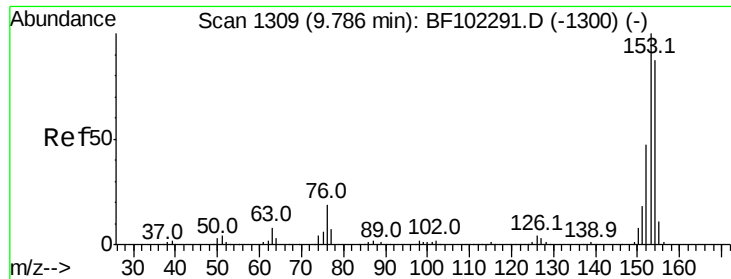


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.561 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampled :

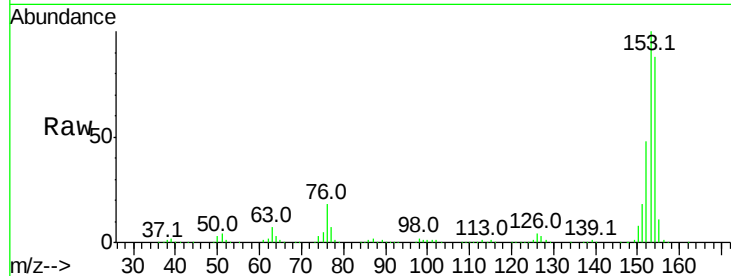
Tot Ion:154 Resp: 685102

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

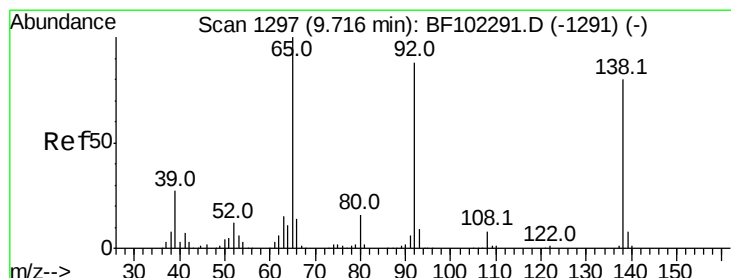
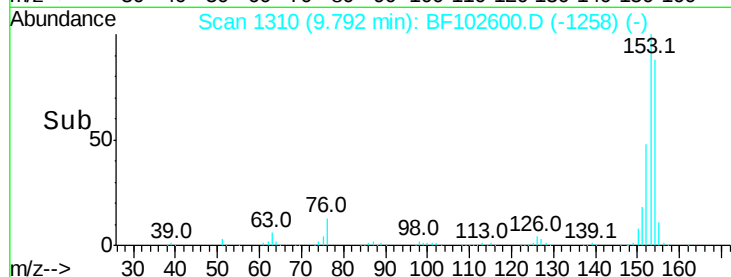
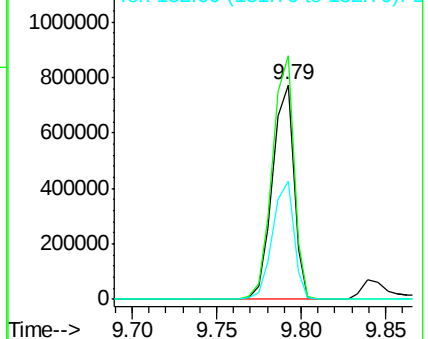
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.650 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

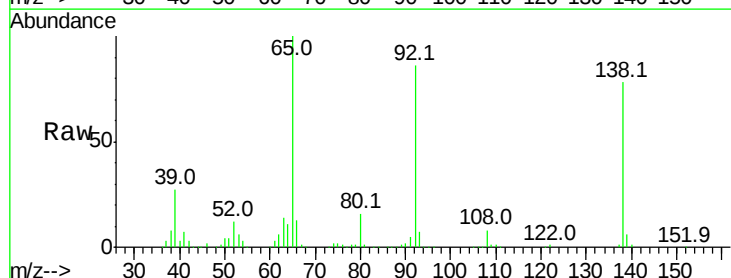
Tgt Ion:138 Resp: 247684

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

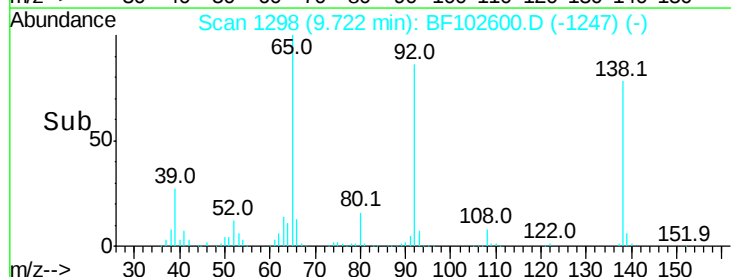
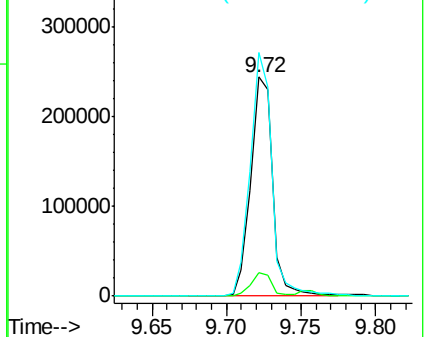
92 111.3 89.4 134.2

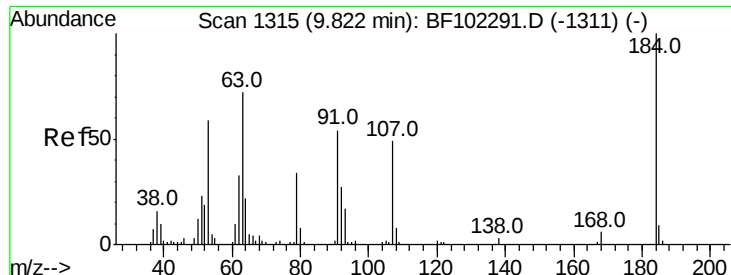


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

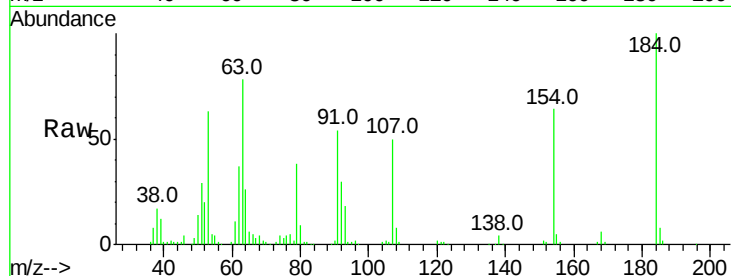




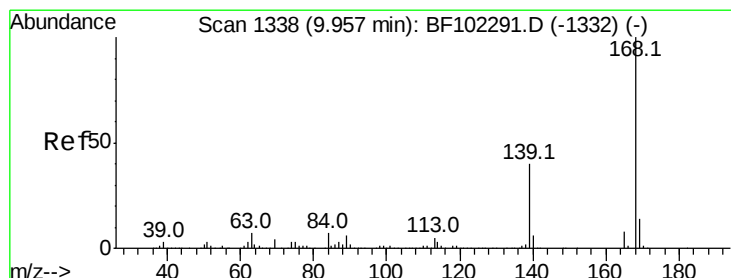
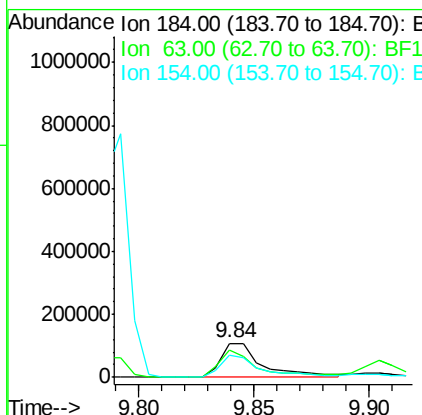
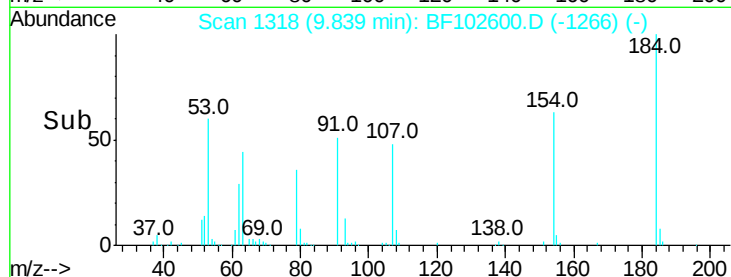
#53
2,4-Dinitrophenol
Concen: 59.380 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 138319
Ion Ratio Lower Upper
184 100
63 78.1 54.2 81.2
154 63.7 184.0 276.0#

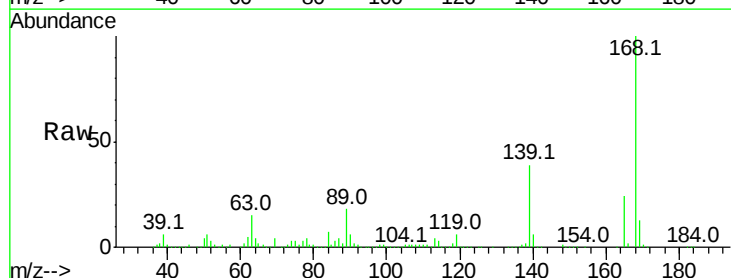


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

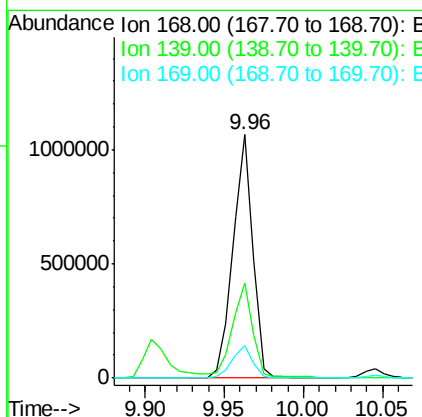
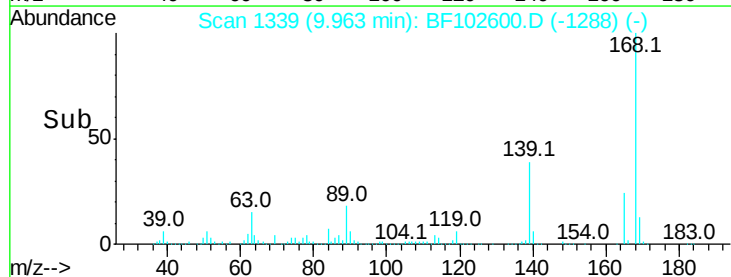


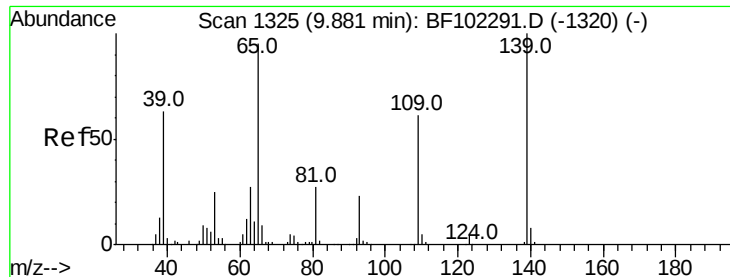
#54
Dibenzofuran
Concen: 36.733 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Tgt Ion:168 Resp: 931545
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.4 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: 46.063 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

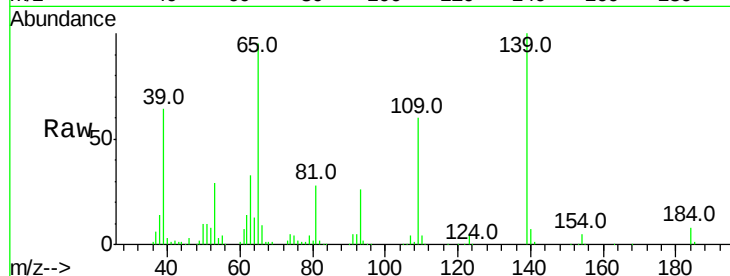
Tot Ion:139 Resp: 189942

Ion Ratio Lower Upper

139 100

109 59.8 48.4 88.4

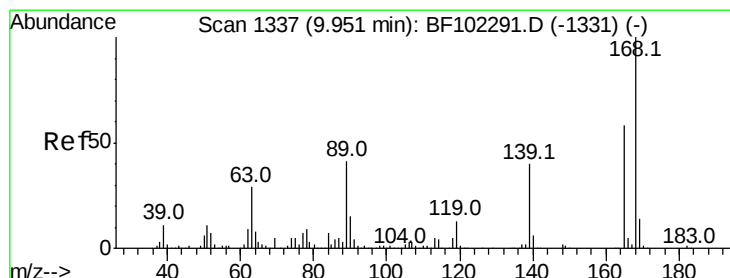
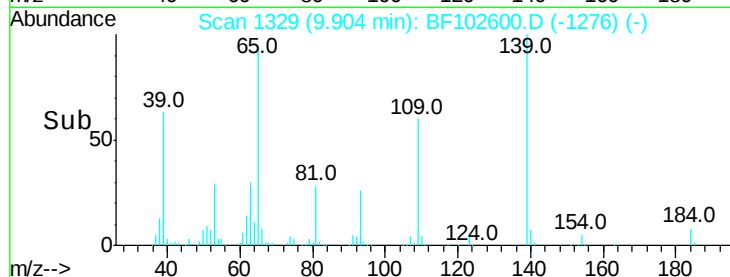
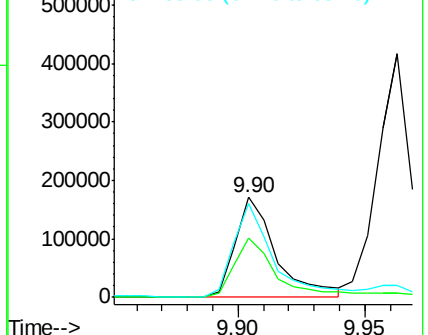
65 94.6 72.6 112.6



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: 35.761 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Tgt Ion:165 Resp: 232222

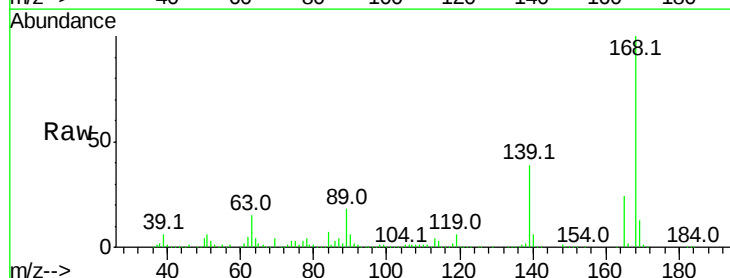
Ion Ratio Lower Upper

165 100

63 61.2 36.4 54.6#

89 75.0 57.8 86.6

182 2.0 1.6 2.4

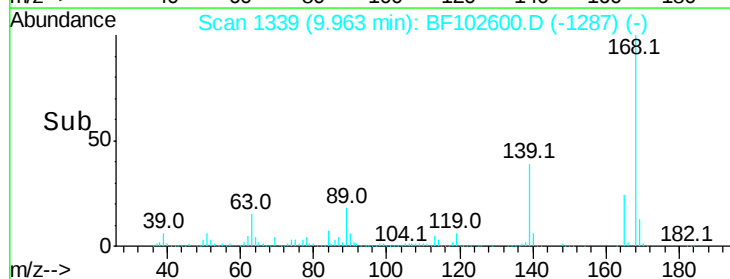
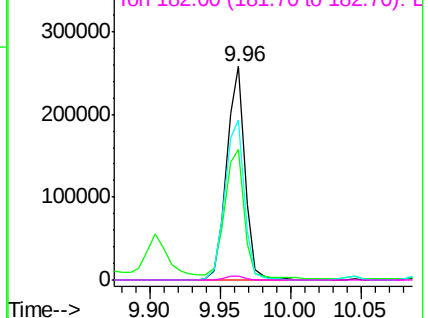


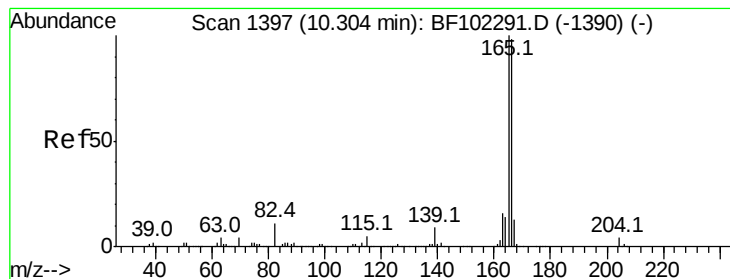
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.999 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

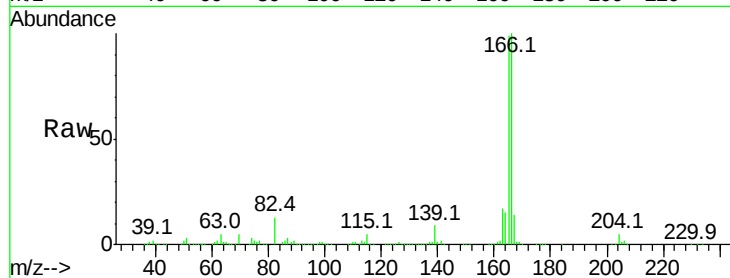
Tot Ion:166 Resp: 803790

Ion Ratio Lower Upper

166 100

165 98.9 79.8 119.8

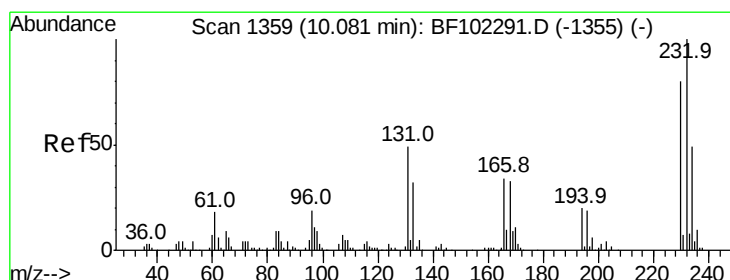
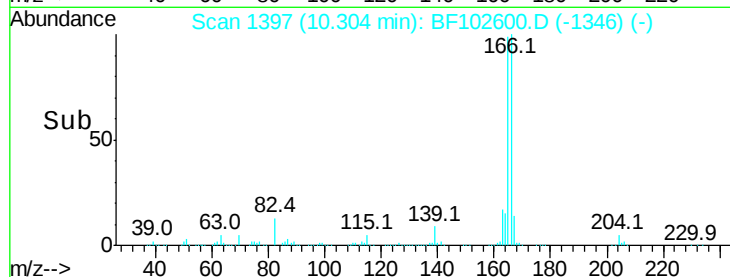
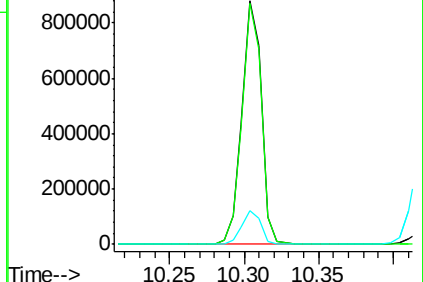
167 13.6 10.6 16.0



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: 33.899 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Tgt Ion:232 Resp: 162633

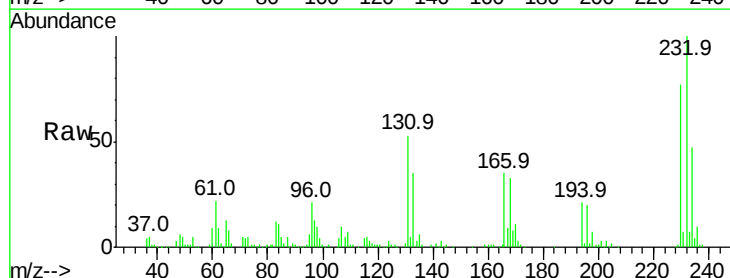
Ion Ratio Lower Upper

232 100

131 54.0 43.8 65.8

130 2.6 2.1 3.1

166 32.4 27.8 41.6

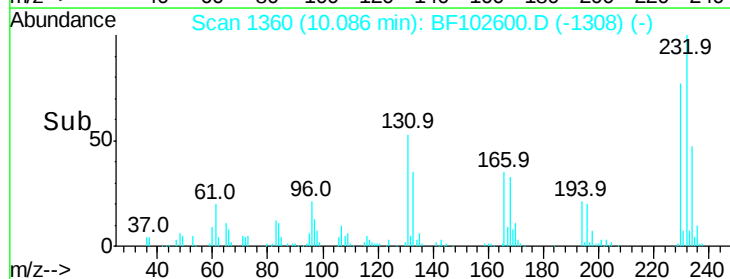
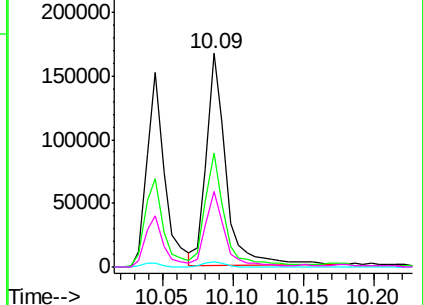


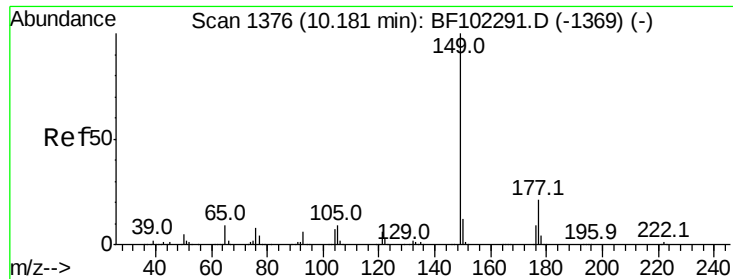
Abundance Ion 232.00 (231.70 to 232.70): E

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

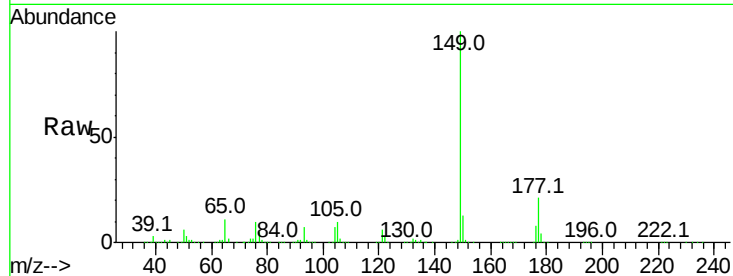




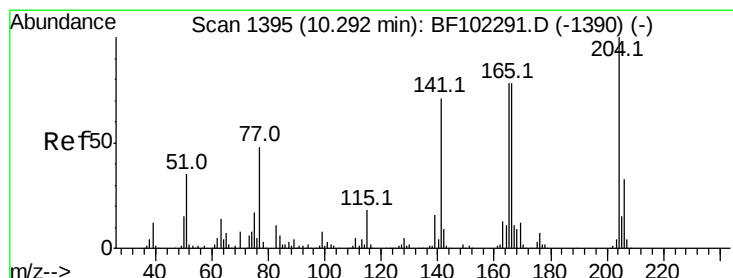
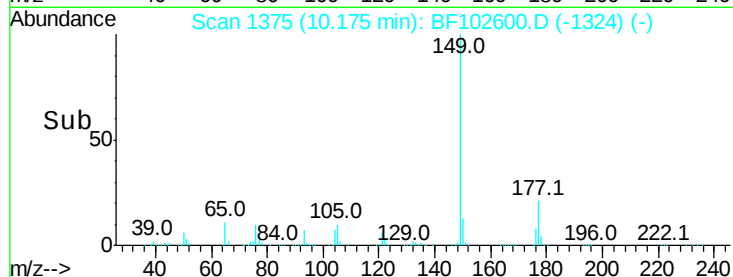
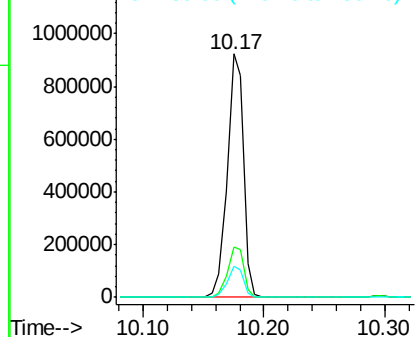
#59
Diethylphthalate
Concen: 35.834 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 852861
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.9 10.1 15.1

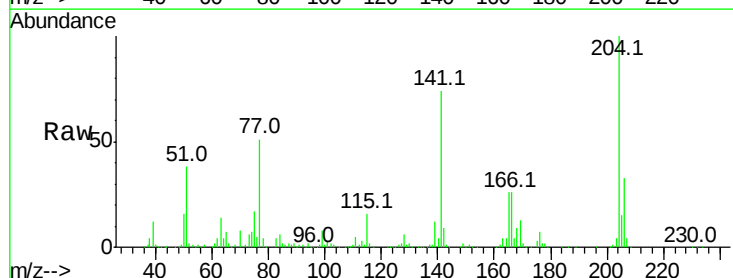


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

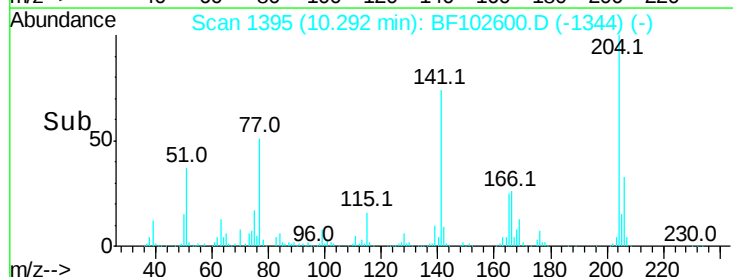
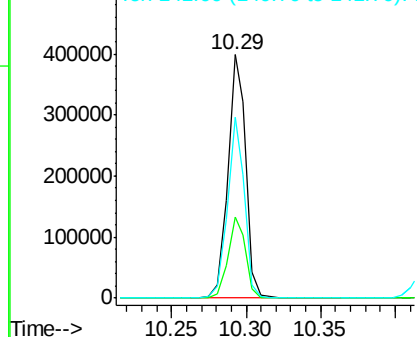


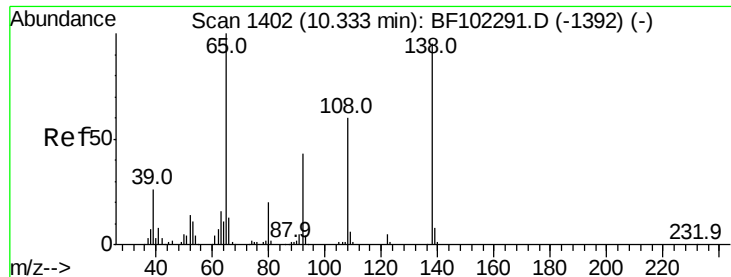
#60
4-Chlorophenyl-phenylether
Concen: 38.767 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Tgt Ion:204 Resp: 337754
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 74.4 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

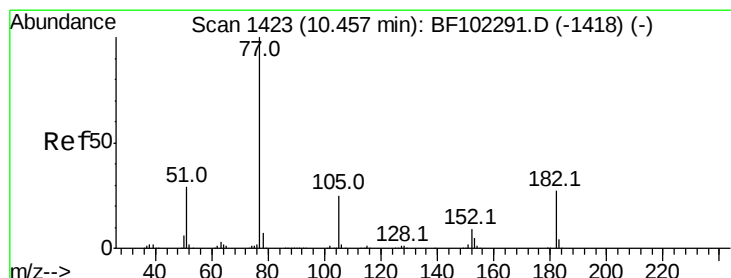
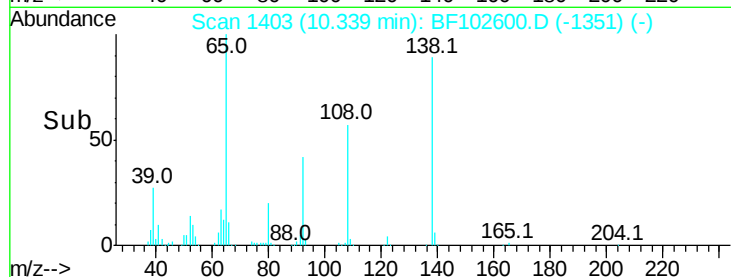
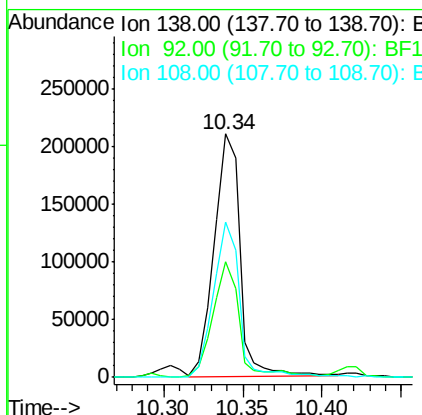
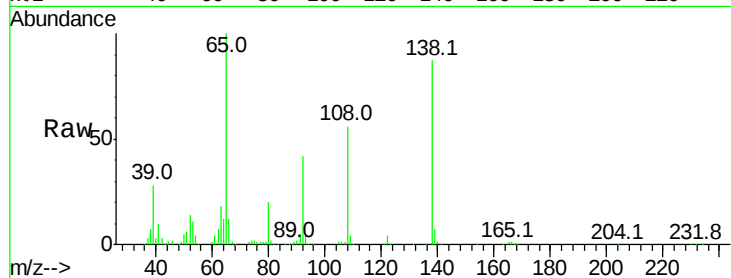




#61
4-Nitroaniline
Concen: 38.107 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

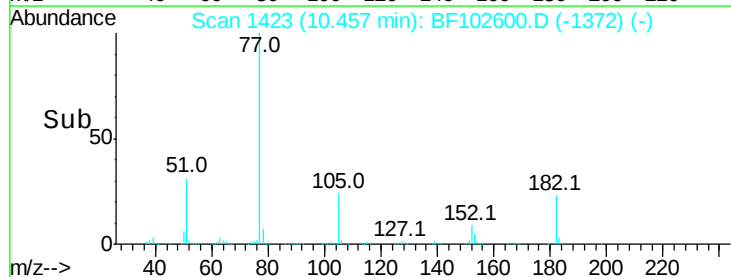
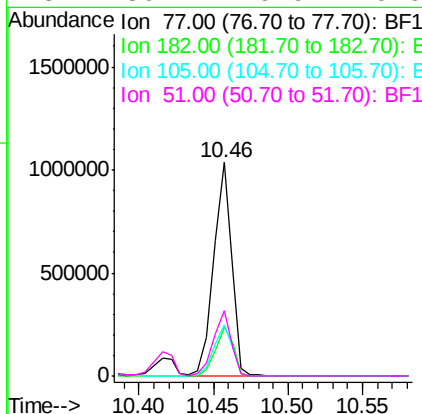
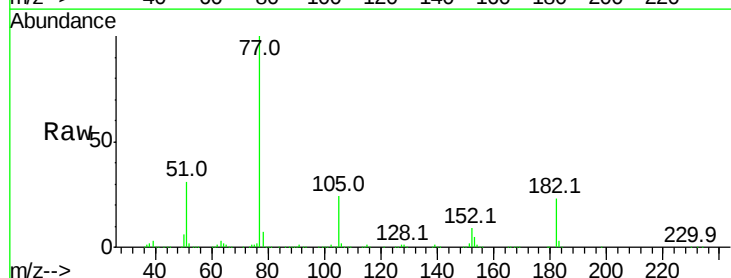
Instrument :
BNA_F
ClientSampled :

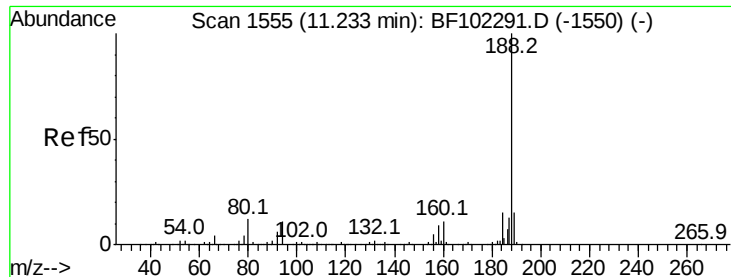
Tot Ion:138 Resp: 237538
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 63.8 52.5 92.5



#62
Azobenzene
Concen: 39.464 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Tgt Ion: 77 Resp: 859941
Ion Ratio Lower Upper
77 100
182 22.9 1.7 41.7
105 24.1 3.0 43.0
51 30.7 9.9 49.9

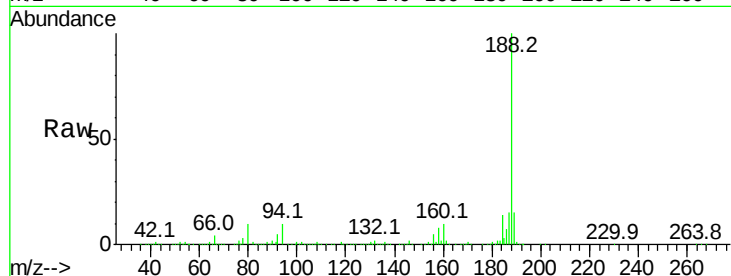




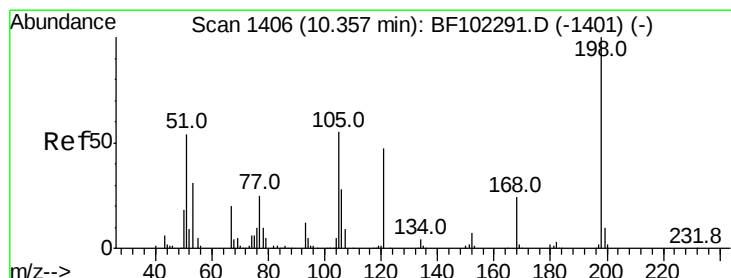
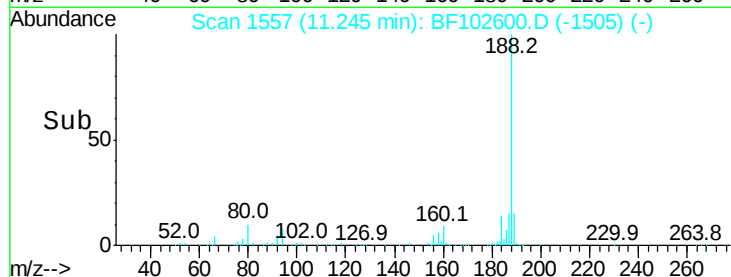
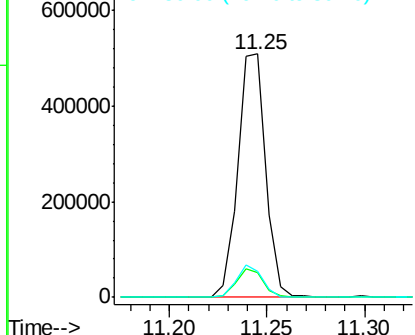
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 502704
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.4 9.2 13.8

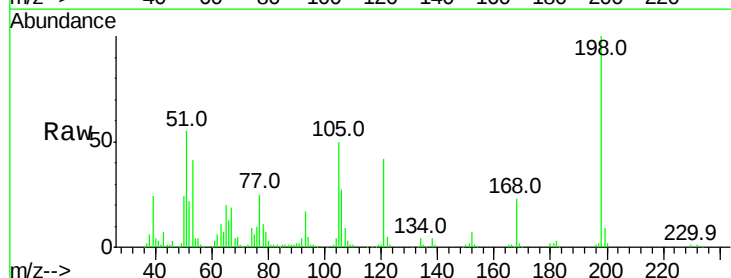


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

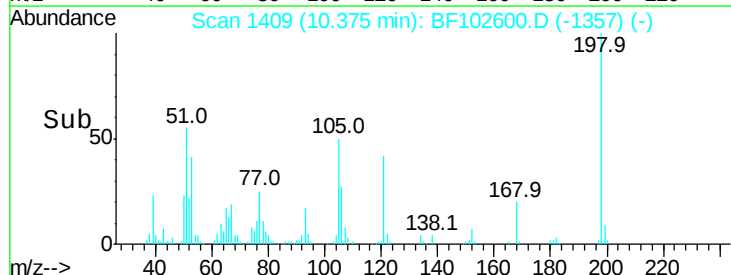
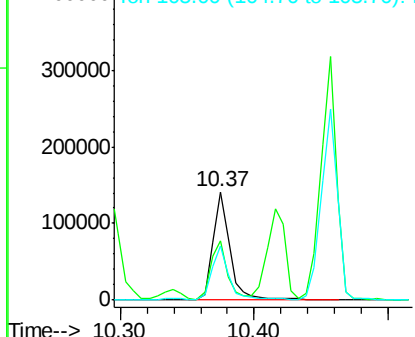


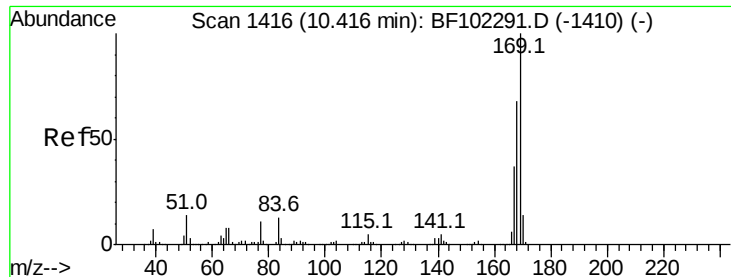
#64
4,6-Dinitro-2-methylphenol
Concen: 38.263 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Tgt Ion:198 Resp: 128329
Ion Ratio Lower Upper
198 100
51 54.8 37.7 77.7
105 49.9 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 38.995 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

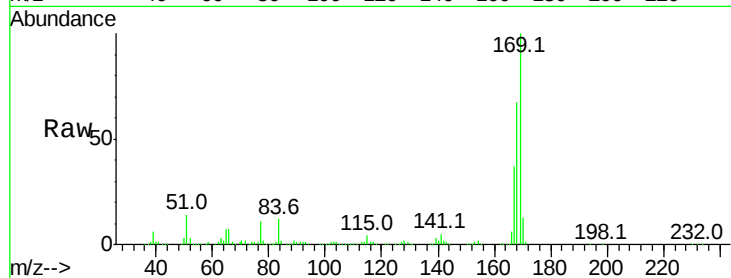
Tot Ion:169 Resp: 719513

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

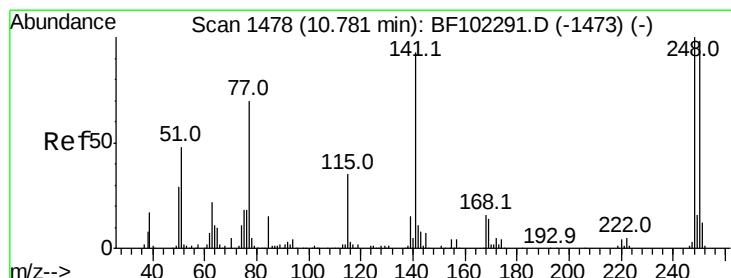
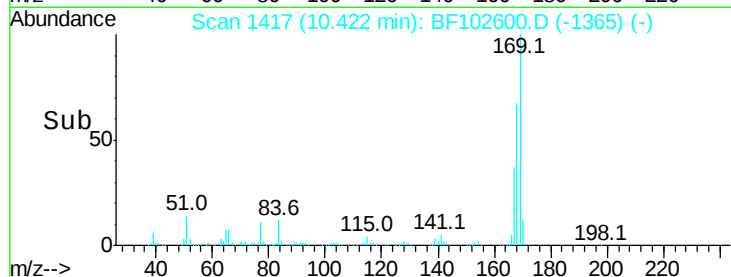
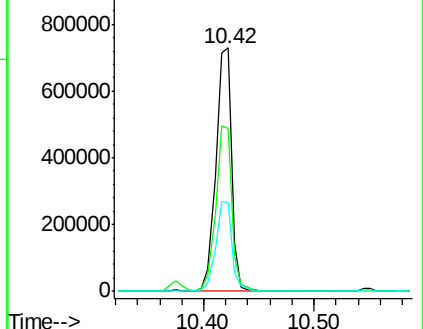
167 36.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.359 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

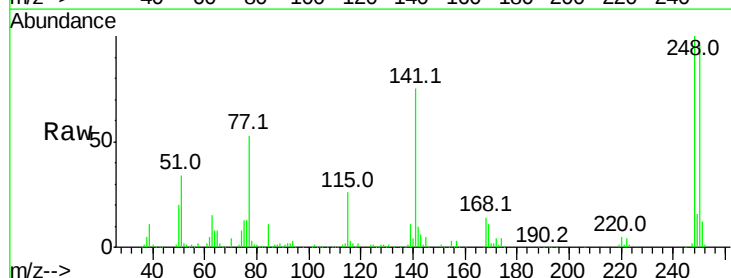
Tgt Ion:248 Resp: 207586

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

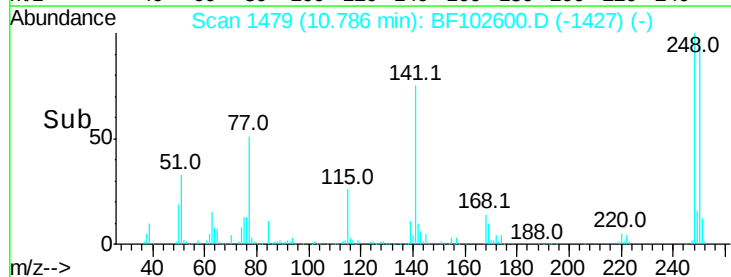
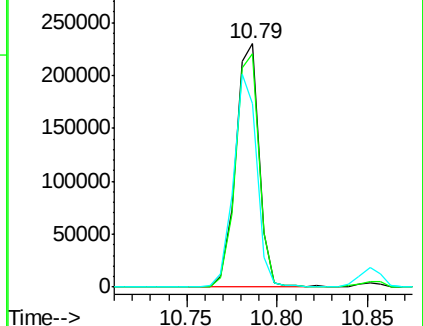
141 75.3 74.4 111.6

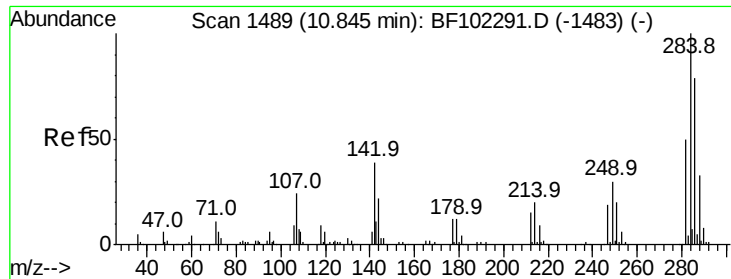


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

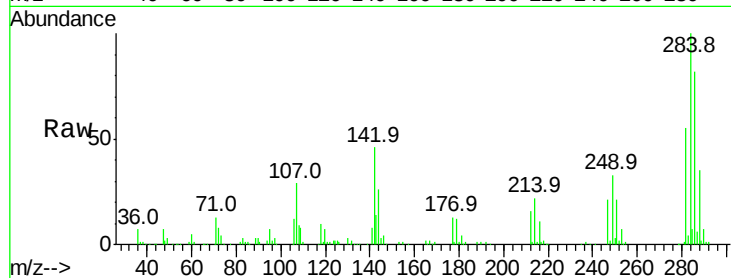




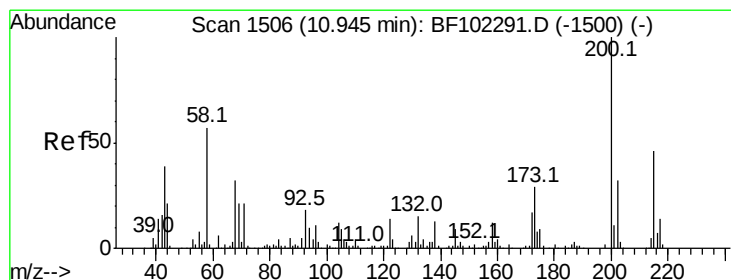
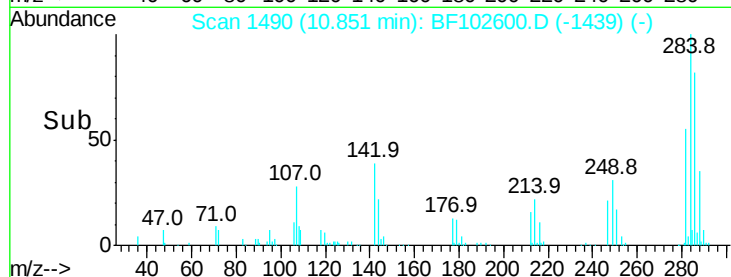
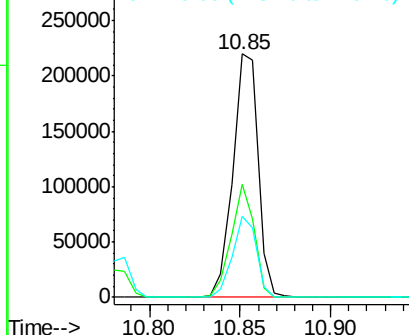
#67
Hexachlorobenzene
Concen: 35.316 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 213742
Ion Ratio Lower Upper
284 100
142 46.3 34.6 52.0
249 33.4 24.8 37.2

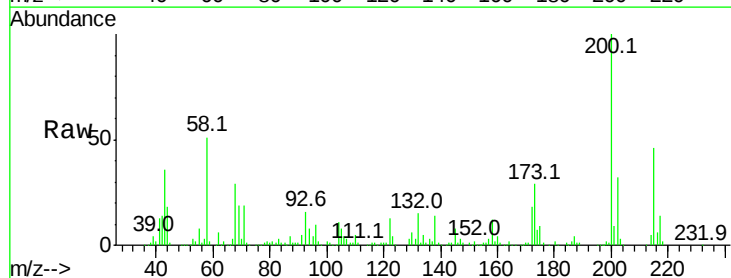


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

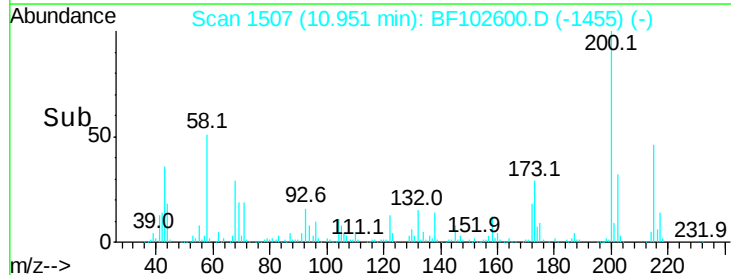
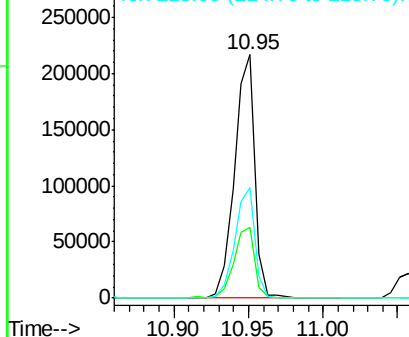


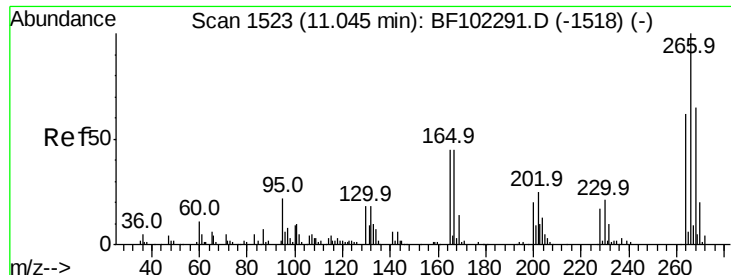
#68
Atrazine
Concen: 37.982 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Tgt Ion:200 Resp: 206980
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 45.5 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: 41.087 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

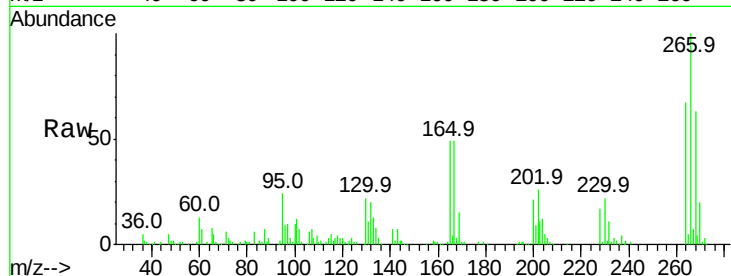
Tot Ion:266 Resp: 130630

Ion Ratio Lower Upper

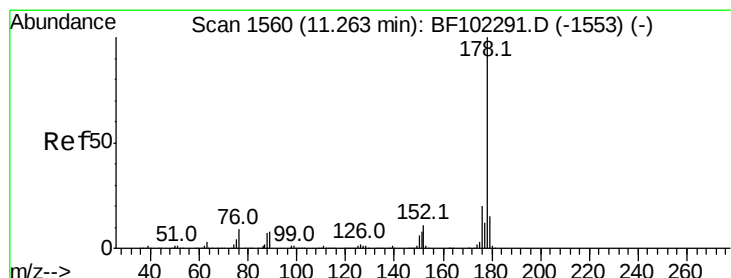
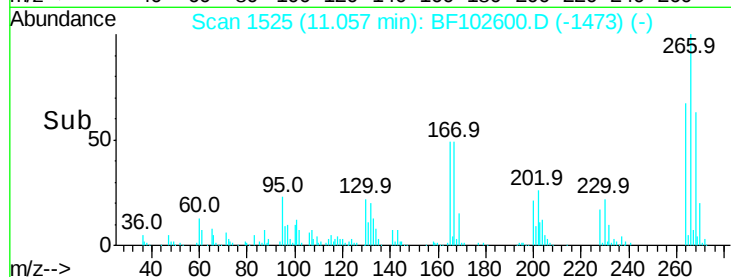
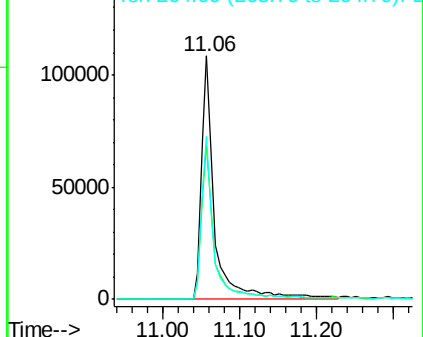
266 100

268 63.4 51.1 76.7

264 66.8 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: 37.438 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

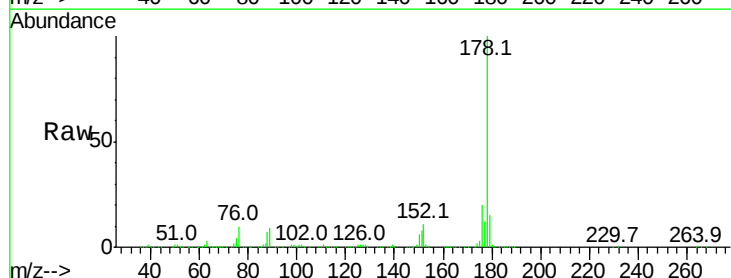
Tgt Ion:178 Resp: 1096701

Ion Ratio Lower Upper

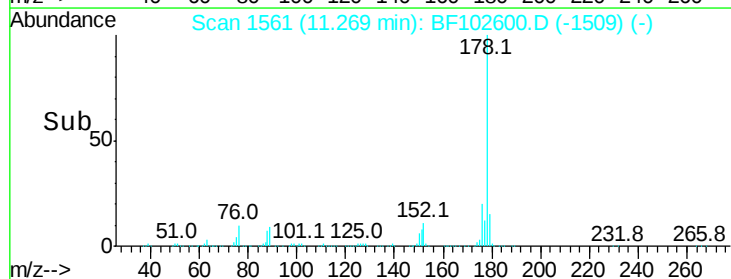
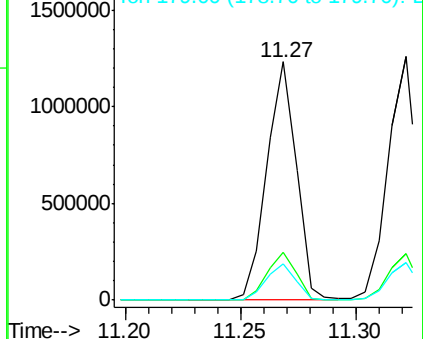
178 100

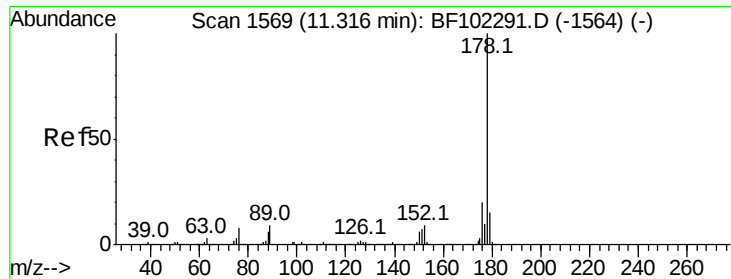
176 19.8 15.8 23.8

179 15.3 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

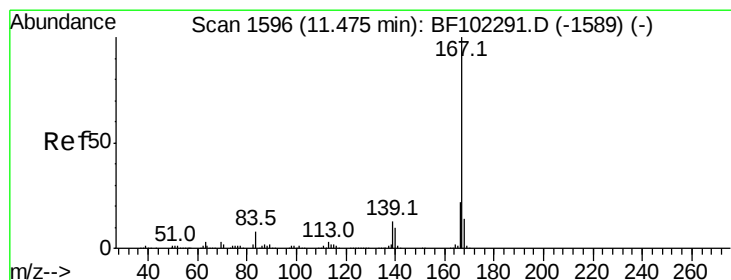
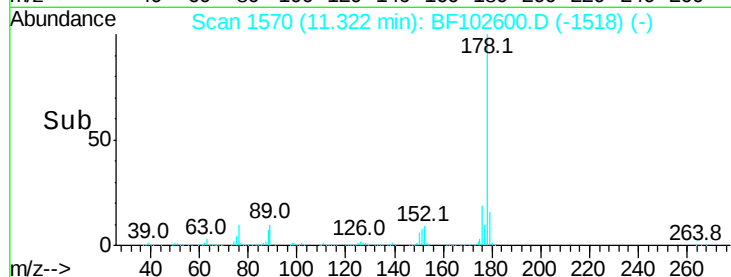
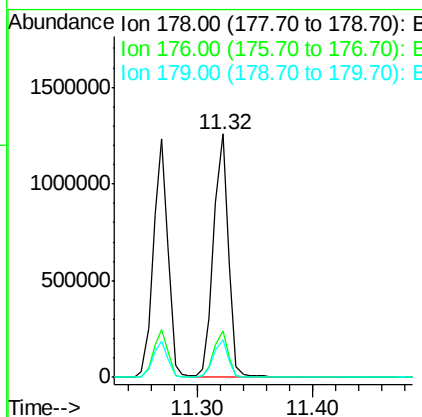
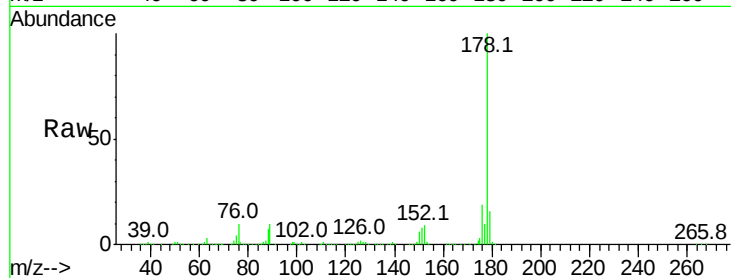




#71
 Anthracene
 Concen: 37.719 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

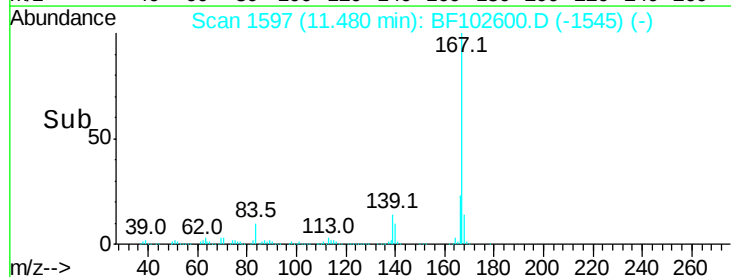
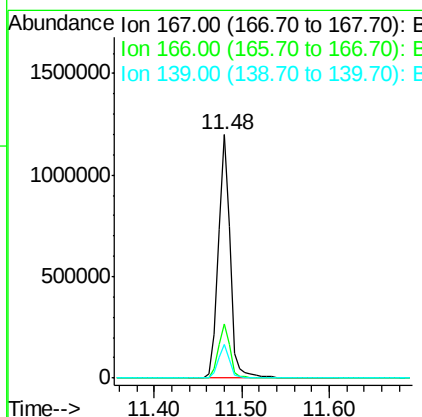
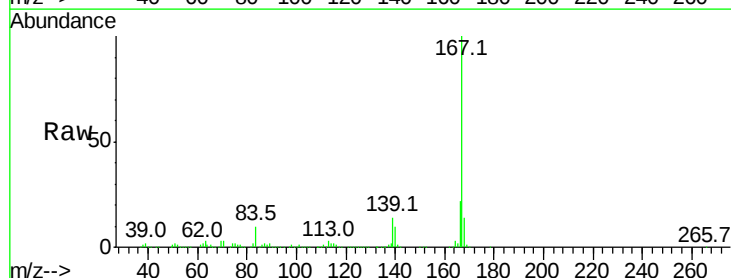
Instrument :
 BNA_F
 ClientSampleId :

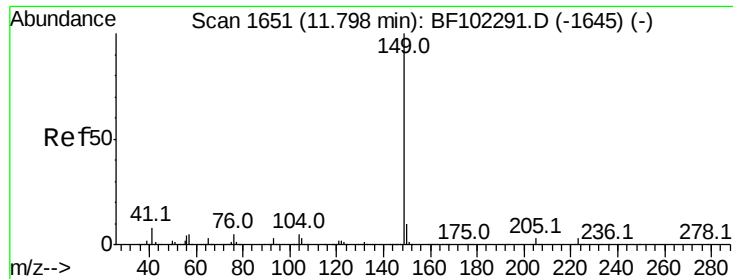
Tot Ion:178 Resp: 1127775
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 38.790 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Tgt Ion:167 Resp: 1131477
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.767 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

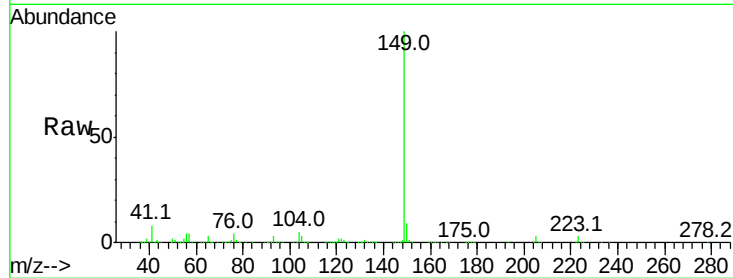
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1340587

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.7	3.8	5.8

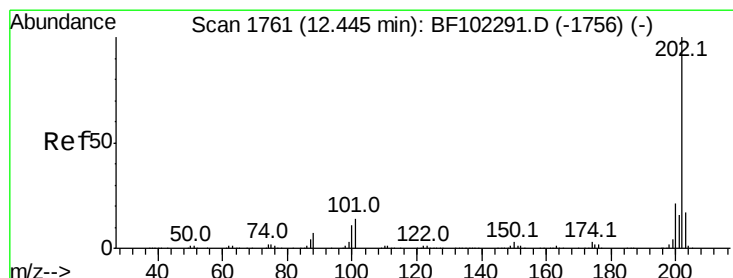
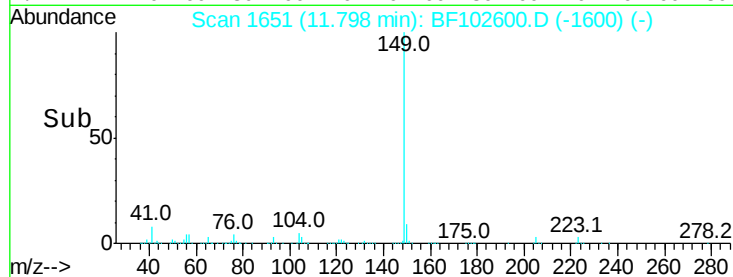
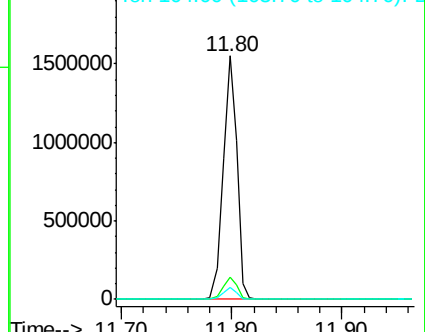


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.611 ng

RT: 12.46 min Scan# 1763

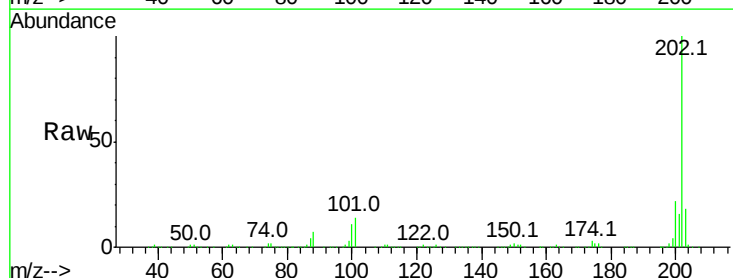
Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Tgt Ion:202 Resp: 1093647

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	18.0	0.0	38.1

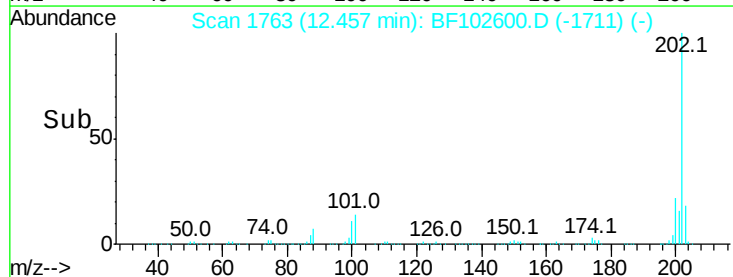
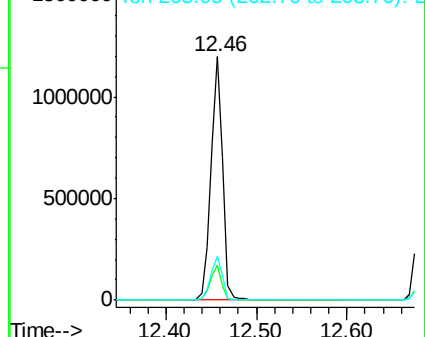


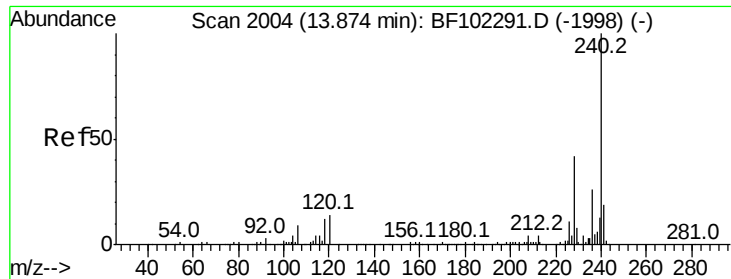
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

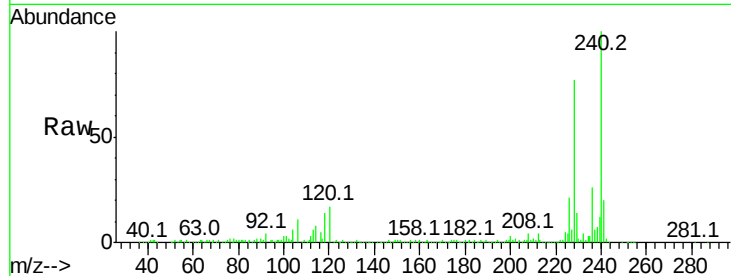
Tot Ion:240 Resp: 389448

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

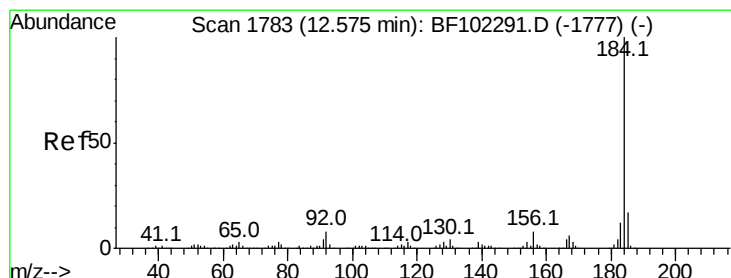
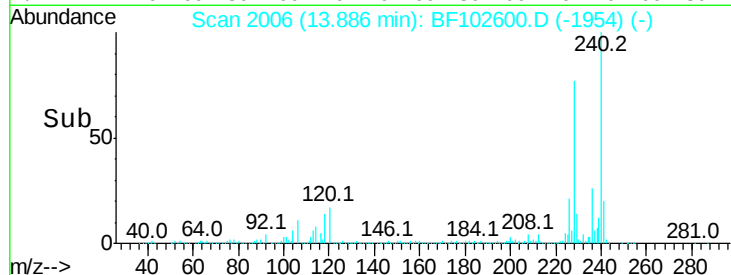
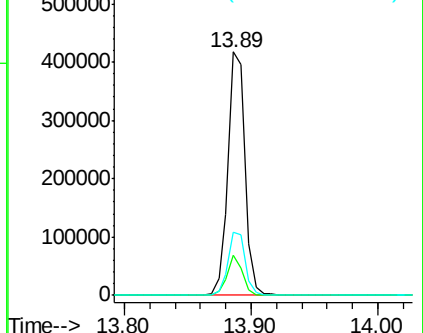
236 25.9 20.7 31.1



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: 51.736 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

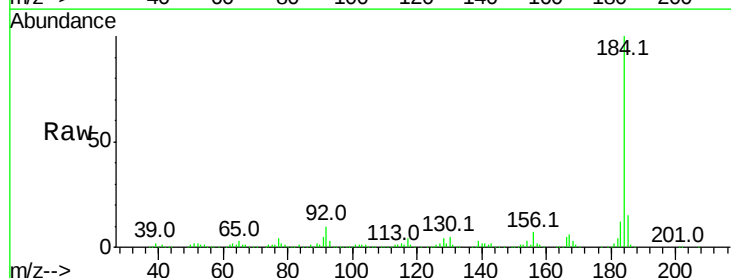
Tgt Ion:184 Resp: 676861

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

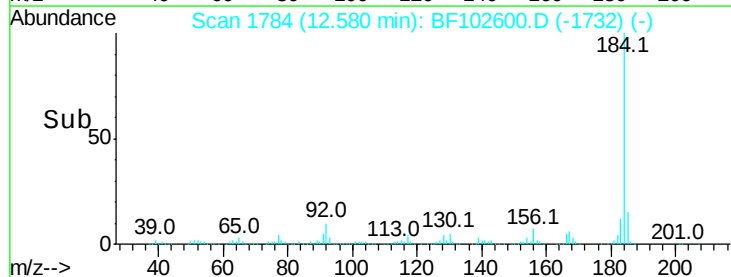
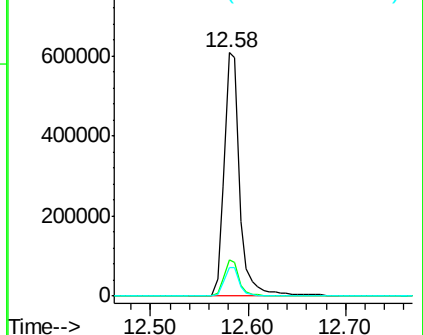
183 11.9 9.3 13.9

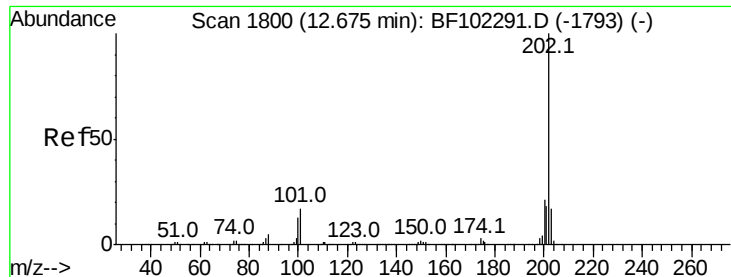


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.059 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

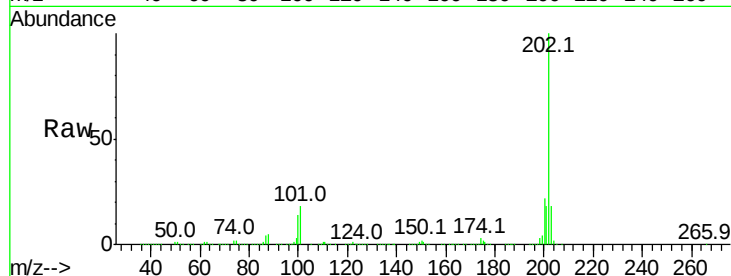
Tot Ion:202 Resp: 1145970

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

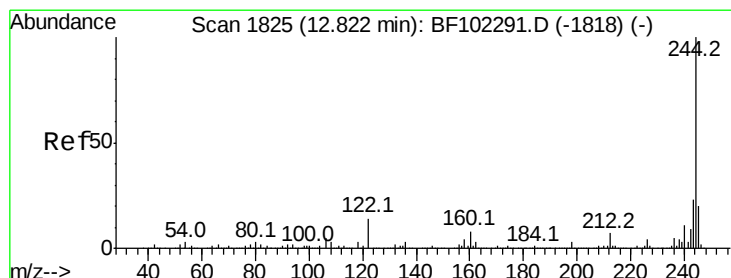
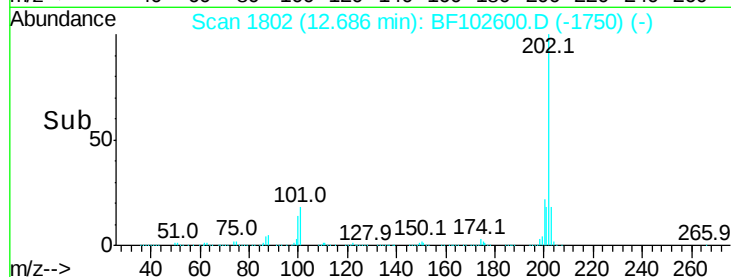
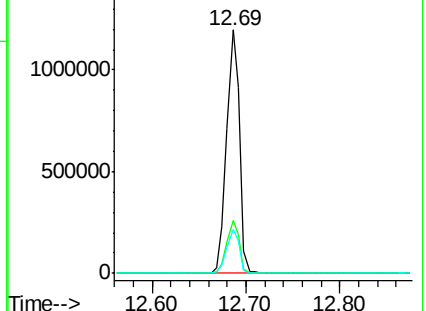
203 18.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.658 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

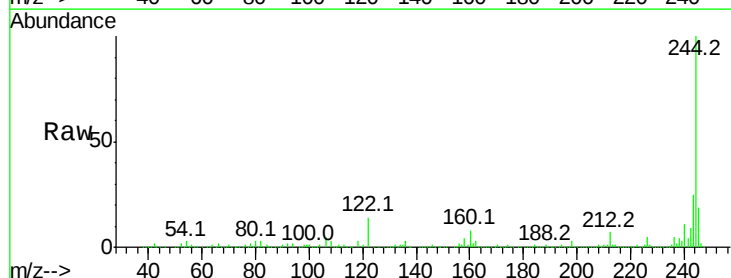
Tgt Ion:244 Resp: 1220638

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

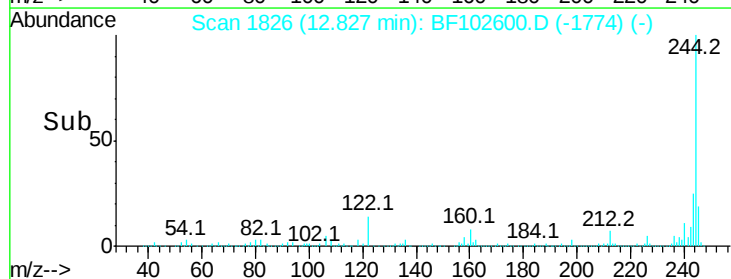
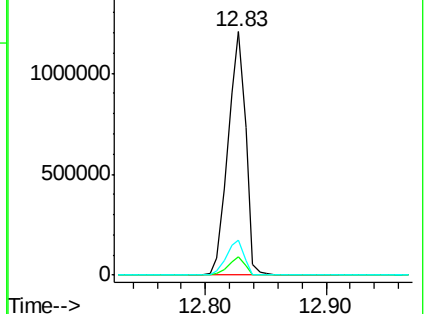
122 14.3 11.0 16.4

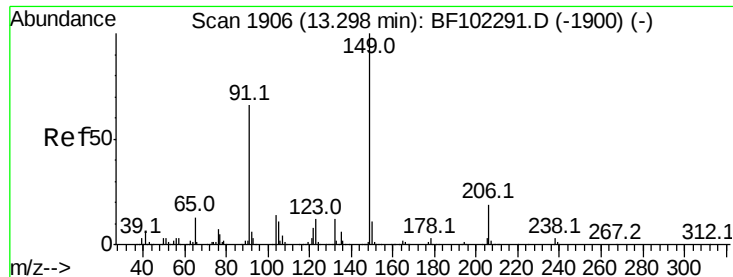


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

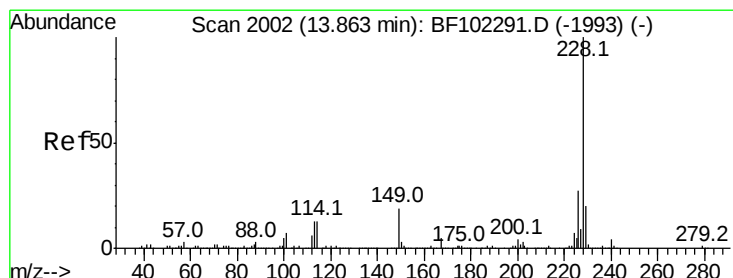
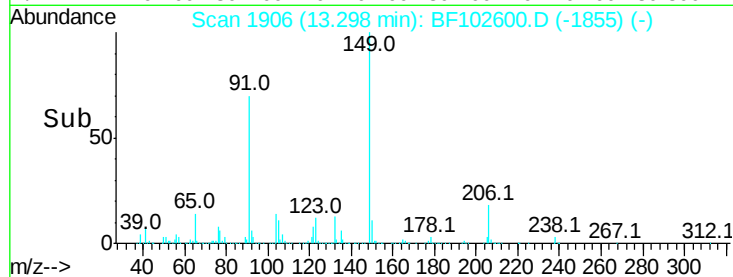
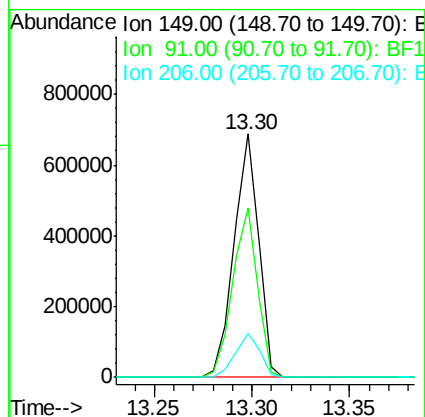
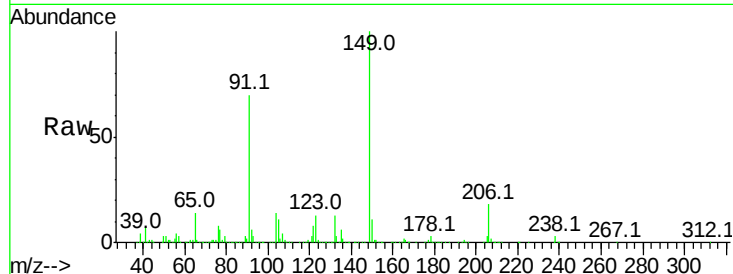




#79
 Butylbenzylphthalate
 Concen: 40.148 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

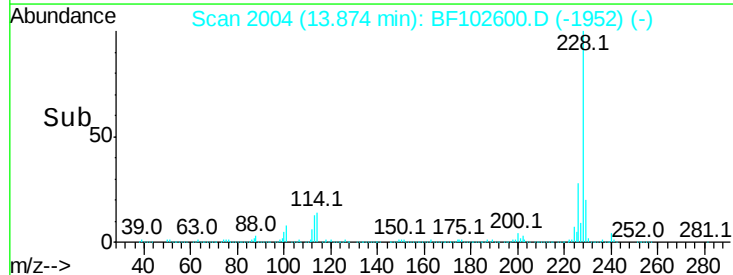
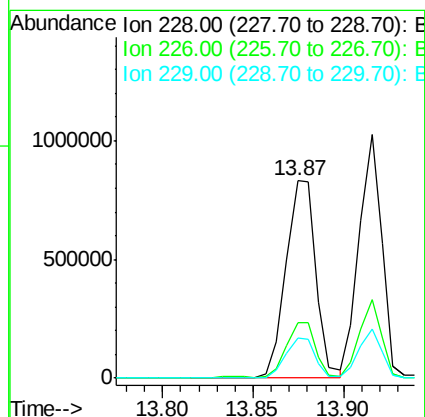
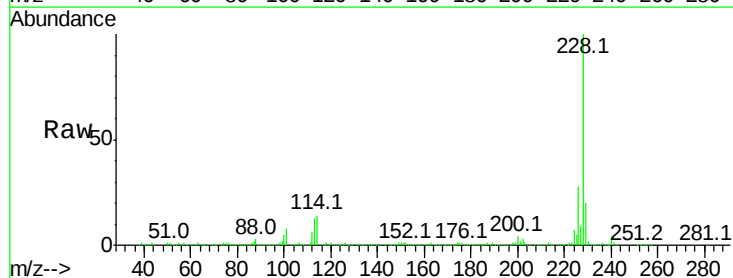
Instrument :
 BNA_F
 ClientSampleId :

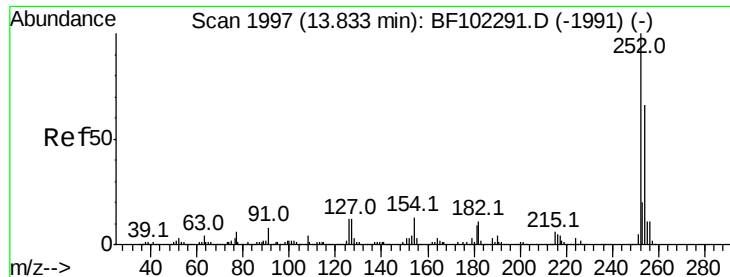
Tot Ion:	149	Resp:	601612
Ion Ratio	Lower	Upper	
149	100		
91	69.8	56.8	85.2
206	17.9	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 40.133 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Tgt Ion:	228	Resp:	962282
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	20.0	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.926 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

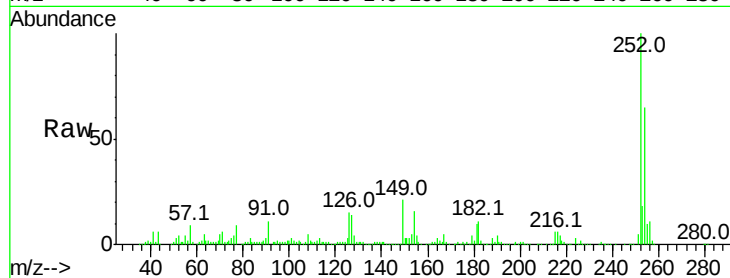
Tot Ion:252 Resp: 342382

Ion Ratio Lower Upper

252 100

254 65.2 50.4 75.6

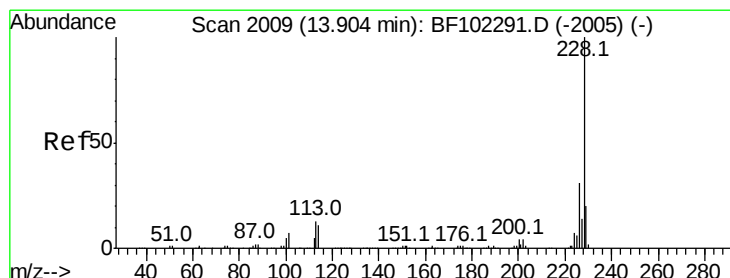
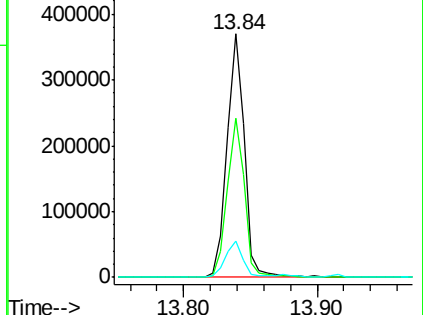
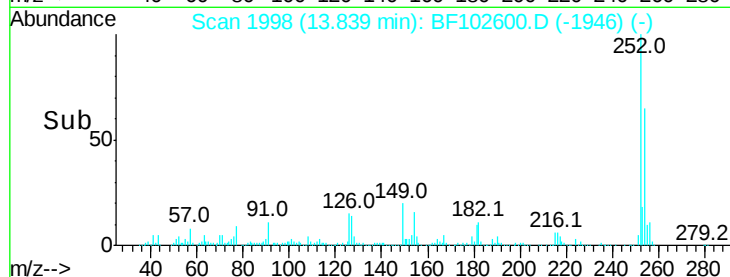
126 14.6 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.580 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

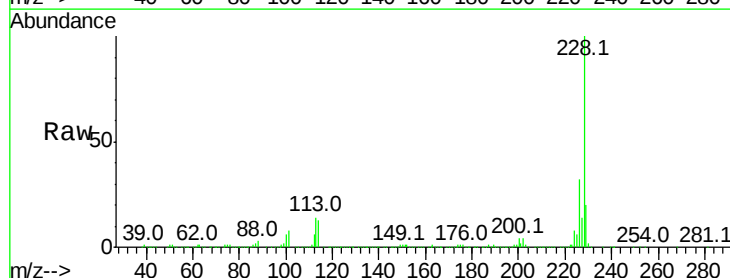
Tgt Ion:228 Resp: 915016

Ion Ratio Lower Upper

228 100

226 32.2 25.0 37.6

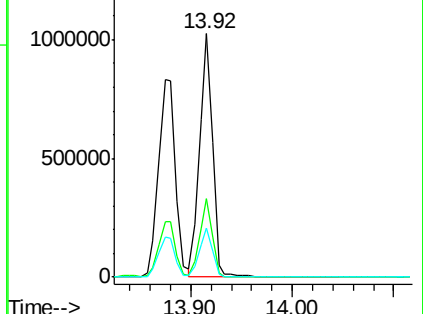
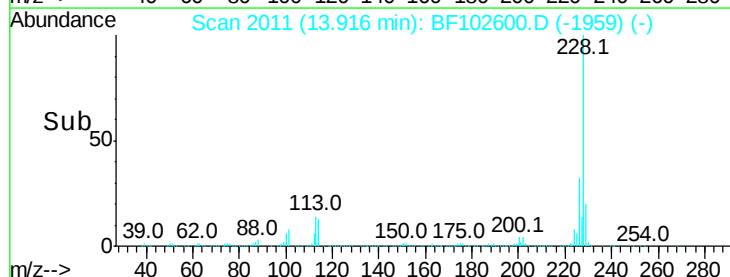
229 20.4 16.2 24.4

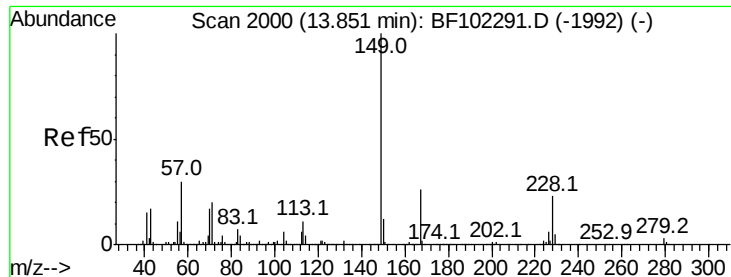


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.400 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

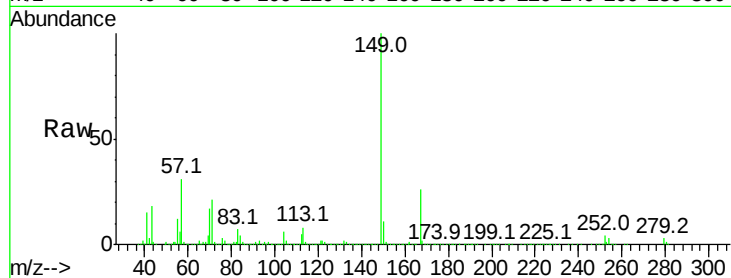
Tot Ion:149 Resp: 793437

Ion Ratio Lower Upper

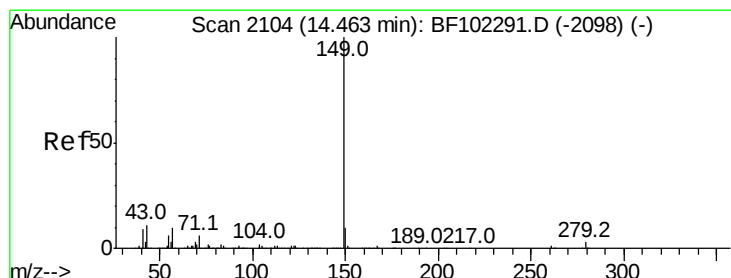
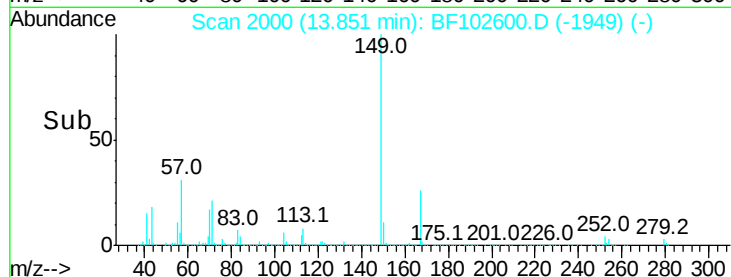
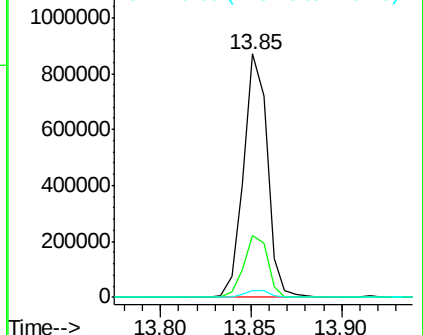
149 100

167 25.7 21.3 31.9

279 2.7 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: 37.527 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

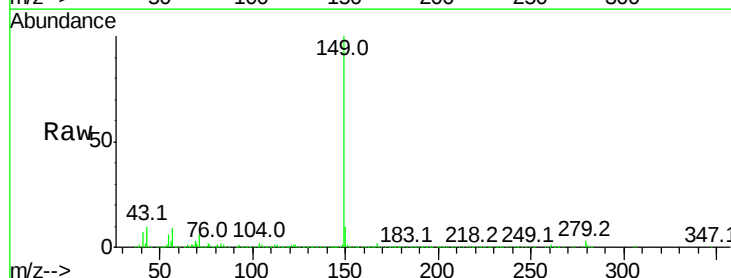
Tgt Ion:149 Resp: 1228989

Ion Ratio Lower Upper

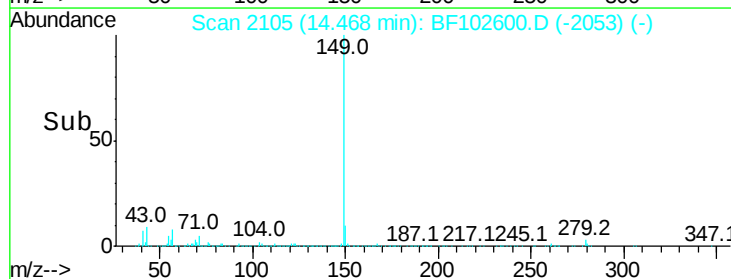
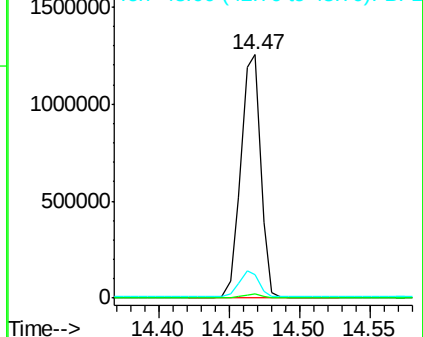
149 100

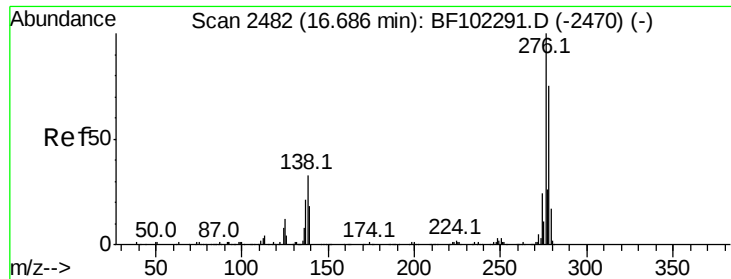
167 1.6 1.2 1.8

43 10.7 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.170 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.03 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

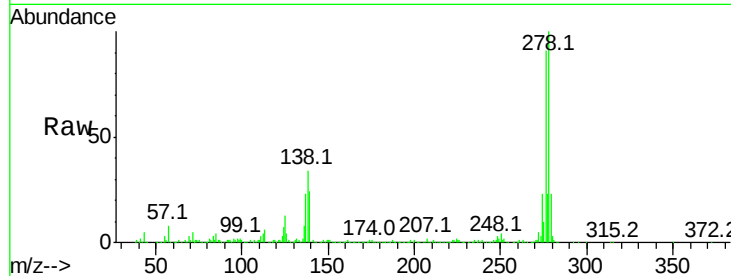
Tot Ion:276 Resp: 767542

Ion Ratio Lower Upper

276 100

138 34.4 25.0 37.6

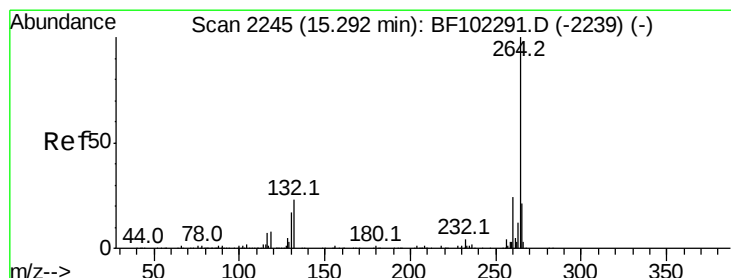
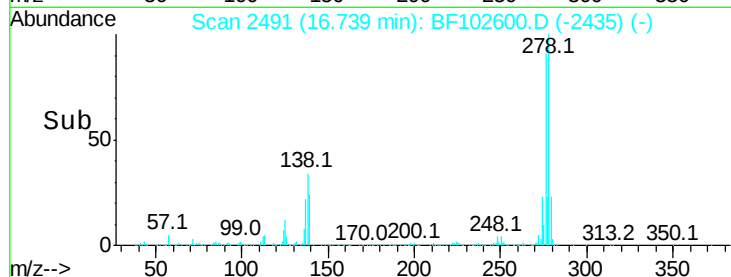
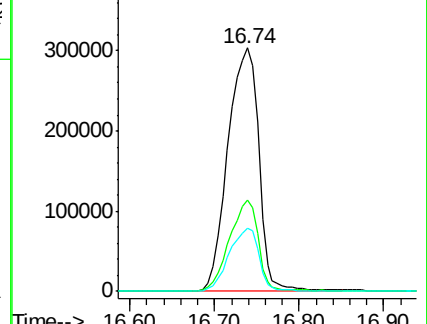
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.02 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

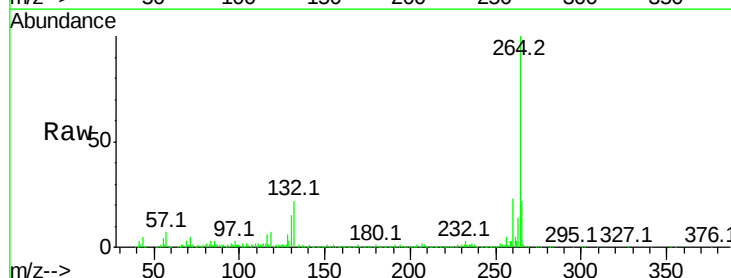
Tgt Ion:264 Resp: 358392

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

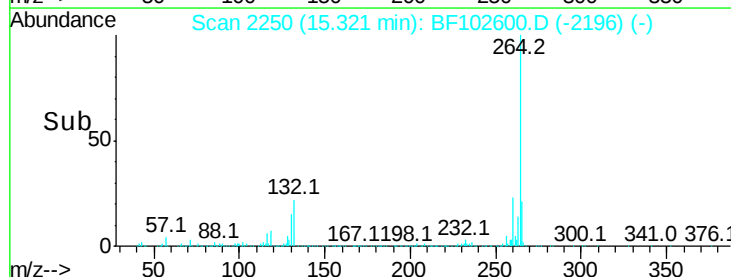
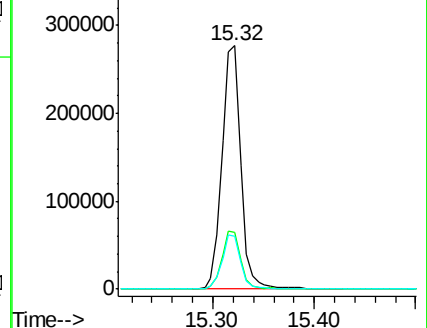
265 21.7 17.5 26.3

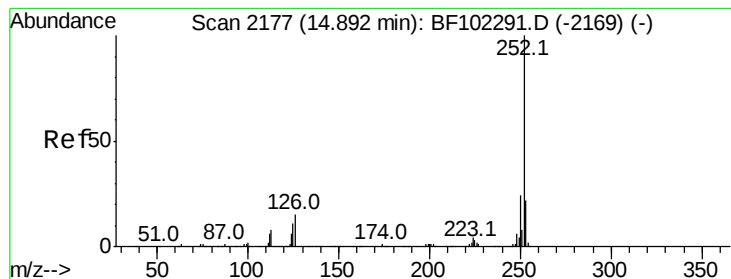


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.163 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

Instrument :

BNA_F

ClientSampleId :

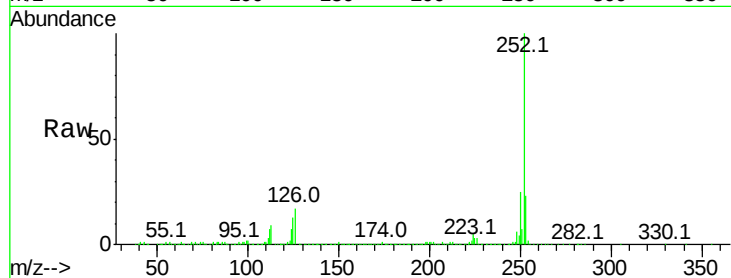
Tot Ion:252 Resp: 840027

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

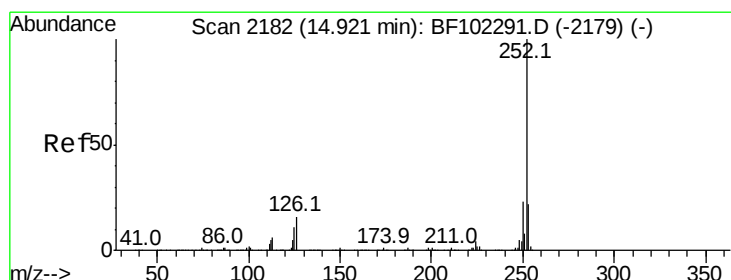
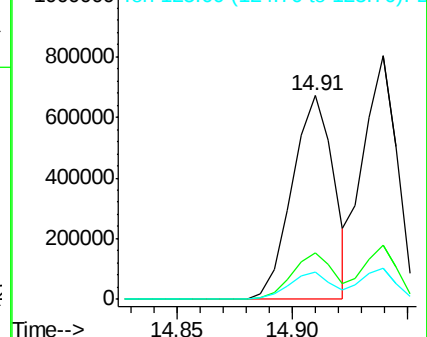
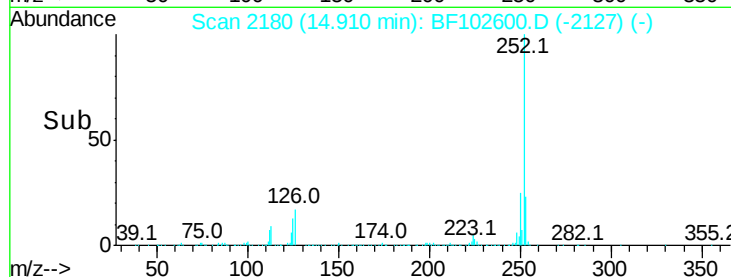
125 13.3 9.0 13.6



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: 38.262 ng

RT: 14.94 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BF102600.D

Acq: 29 Jan 2018 16:41

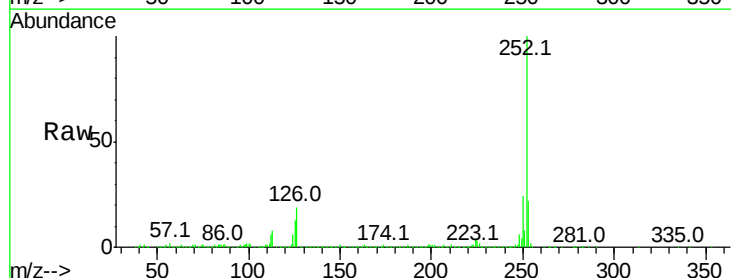
Tgt Ion:252 Resp: 839705

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

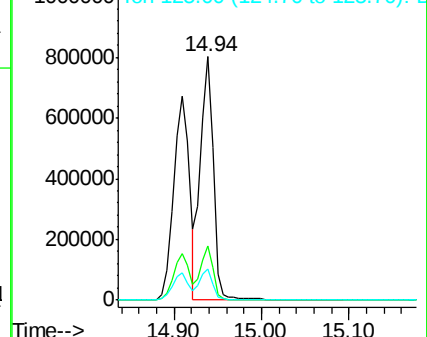
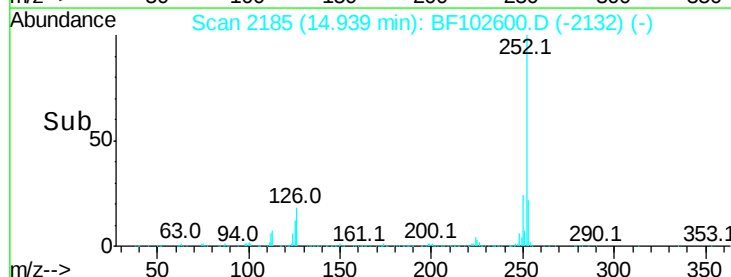
125 12.8 10.2 15.2

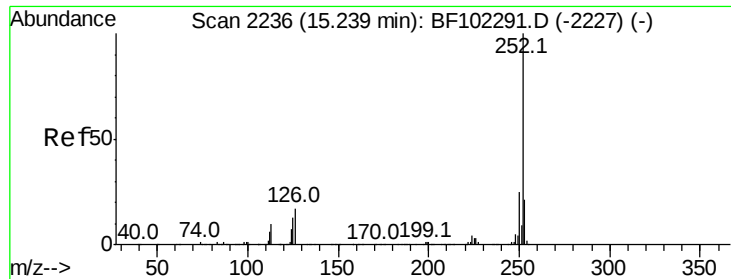


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

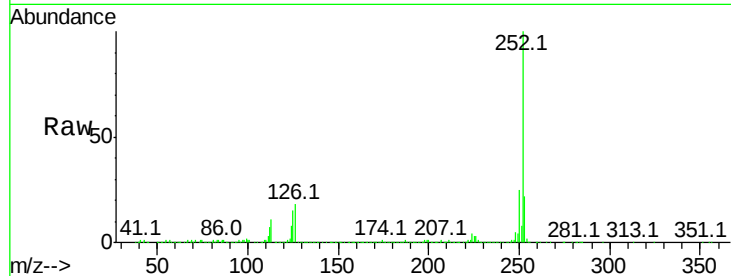




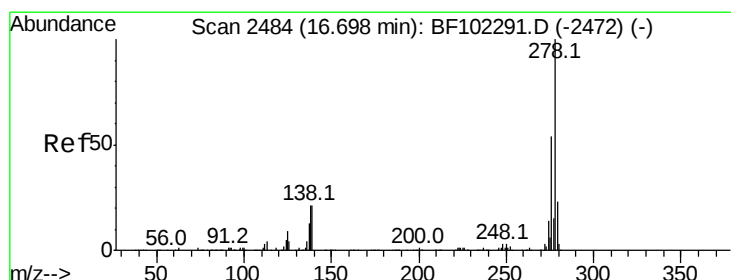
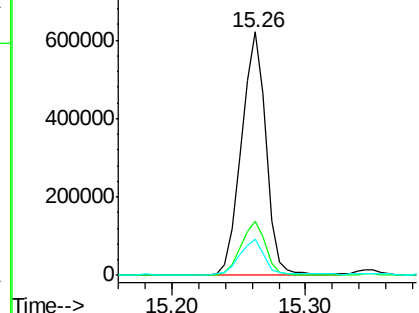
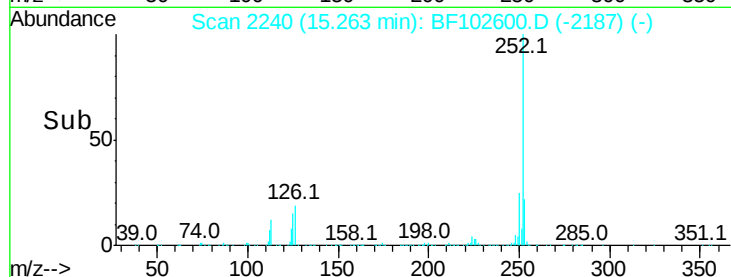
#89
Benzo(a)pyrene
Concen: 37.964 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 795354
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 14.8 9.8 14.6#

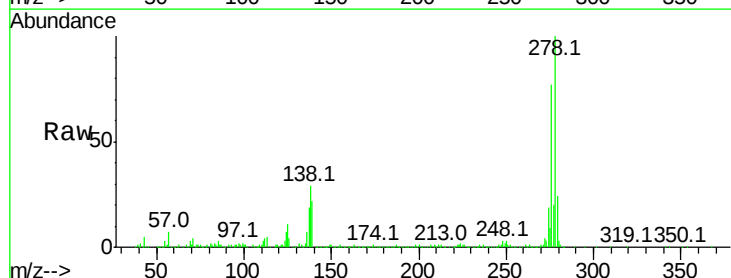


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

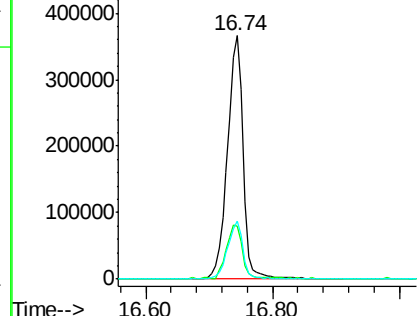
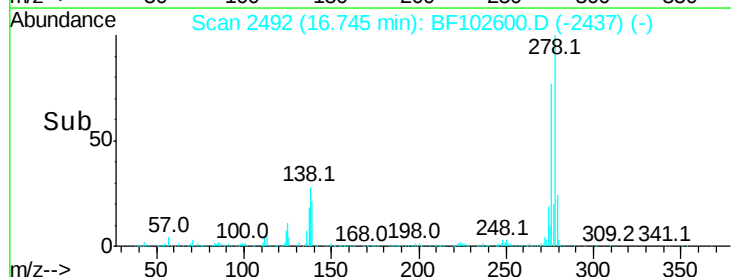


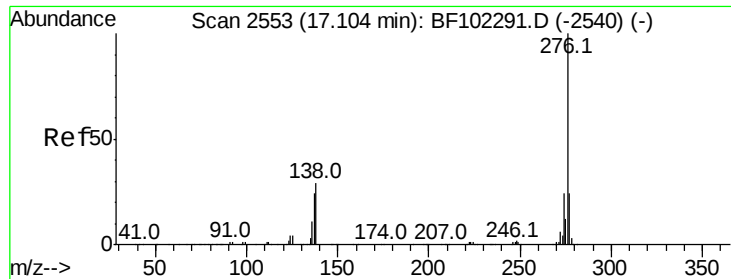
#90
Dibenzo(a,h)anthracene
Concen: 37.210 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.02 min
Lab File: BF102600.D
Acq: 29 Jan 2018 16:41

Tgt Ion:278 Resp: 631471
Ion Ratio Lower Upper
278 100
139 21.5 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

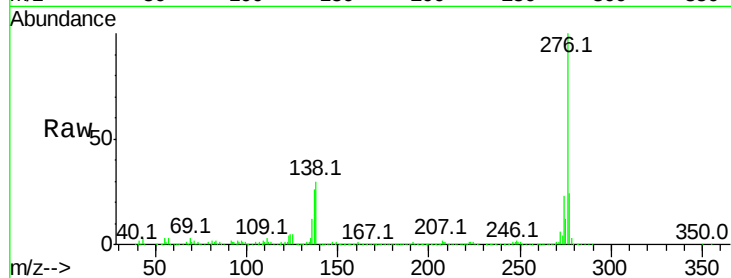




#91
 Benzo(a,h,i)perylene
 Concen: 38.391 ng
 RT: 17.16 min Scan# 2562
 Delta R.T. 0.02 min
 Lab File: BF102600.D
 Acq: 29 Jan 2018 16:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	29.9	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

