

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103672.D
 Acq On : 15 Mar 2018 16:33
 Operator : JU/SJ
 Sample : SSTDICCC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 17:01:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 16:35:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155044	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	633491	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	298802	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	526419	20.00	ng	0.00
75) Chrysene-d12	14.16	240	391020	20.00	ng	0.00
86) Perylene-d12	15.67	264	329001	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1158272	112.99	ng	0.00
7) Phenol-d6	6.59	99	1407829	112.23	ng	0.00
23) Nitrobenzene-d5	7.54	82	1193143	107.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	320360	126.66	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1911489	108.75	ng	0.00
78) Terphenyl-d14	13.09	244	1810463	111.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	295689	54.612	ng	92
3) Pyridine	3.60	79	814531	56.350	ng	90
4) n-Nitrosodimethylamine	3.57	42	298779	51.252	ng	91
6) Aniline	6.64	93	1035375	57.191	ng	99
8) 2-Chlorophenol	6.76	128	617532	57.987	ng	96
9) Benzaldehyde	6.53	77	455964	57.986	ng	98
10) Phenol	6.60	94	749637	51.478	ng	100
11) bis(2-Chloroethyl)ether	6.71	93	626681	56.701	ng	93
12) 1,3-Dichlorobenzene	6.91	146	681320	55.984	ng	97
13) 1,4-Dichlorobenzene	6.99	146	681552	55.859	ng	99
14) 1,2-Dichlorobenzene	7.15	146	623669	55.434	ng	98
15) Benzyl Alcohol	7.11	79	555322	58.748	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	882557	46.501	ng	95
17) 2-Methylphenol	7.21	107	549244	56.753	ng	98
18) Hexachloroethane	7.49	117	250791	56.462	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	448199	57.410	ng	95
20) 3+4-Methylphenols	7.37	107	674453	57.171	ng	94
22) Acetophenone	7.38	105	889669	60.167	ng	96
24) Nitrobenzene	7.56	77	663768	54.349	ng	99
25) Isophorone	7.79	82	1222659	55.964	ng	98
26) 2-Nitrophenol	7.87	139	260559	45.319	ng	98
27) 2,4-Dimethylphenol	7.89	122	528558	60.143	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	732197	57.003	ng	100
29) 2,4-Dichlorophenol	8.10	162	495534	58.894	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	536515	59.879	ng	99
31) Naphthalene	8.27	128	1769894	57.067	ng	98
32) Benzoic acid	8.03	122	410573	70.775	ng	93
33) 4-Chloroaniline	8.32	127	758568	56.680	ng	98
34) Hexachlorobutadiene	8.39	225	290018	62.158	ng	99
35) Caprolactam	8.71	113	171773	58.088	ng	87
36) 4-Chloro-3-methylphenol	8.79	107	538696	56.763	ng	100
37) 2-Methylnaphthalene	8.97	142	1127779	56.265	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	468329	57.332	ng	99
40) Hexachlorocyclopentadiene	9.12	237	277628	122.368	ng	98

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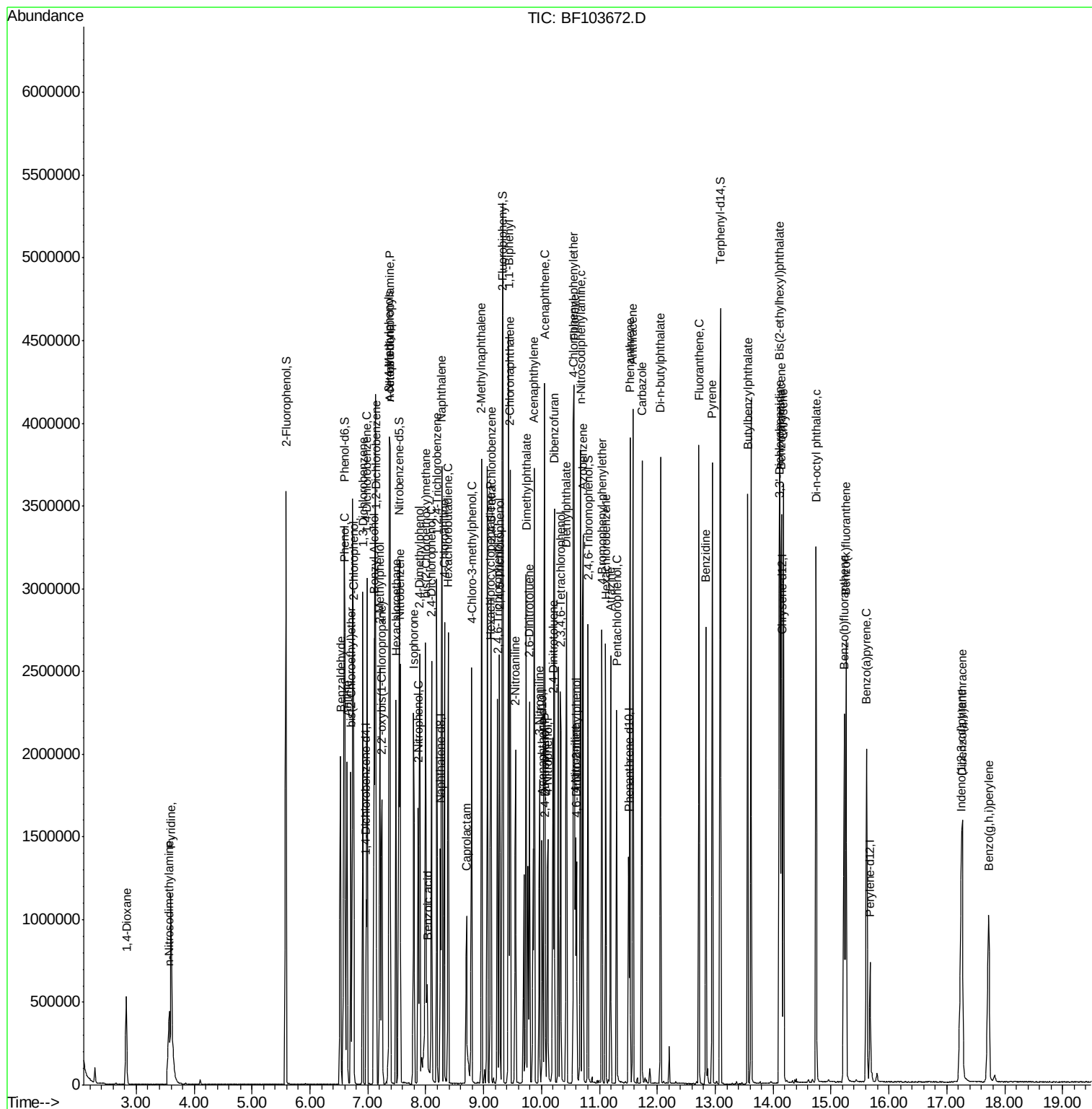
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	333081	60.599	ng	99
43) 2,4,5-Trichlorophenol	9.27	196	365880	57.876	ng	98
45) 1,1'-Biphenyl	9.43	154	1337571	53.421	ng	100
46) 2-Chloronaphthalene	9.46	162	1098355	55.449	ng	100
47) 2-Nitroaniline	9.55	65	321111	43.763	ng	96
48) Acenaphthylene	9.87	152	1686799	55.346	ng	99
49) Dimethylphthalate	9.73	163	1261783	52.639	ng	99
50) 2,6-Dinitrotoluene	9.79	165	275603	54.789	ng	94
51) Acenaphthene	10.05	154	1008600	56.753	ng	99
52) 3-Nitroaniline	9.97	138	323149	50.634	ng	97
53) 2,4-Dinitrophenol	10.06	184	67369	48.214	ng	# 23
54) Dibenzofuran	10.22	168	1409202	57.764	ng	98
55) 4-Nitrophenol	10.11	139	246358	62.284	ng	97
56) 2,4-Dinitrotoluene	10.20	165	345673	54.335	ng	97
57) Fluorene	10.56	166	1071589	51.563	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	272597	64.190	ng	98
59) Diethylphthalate	10.43	149	1259564	54.941	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	489224	55.512	ng	98
61) 4-Nitroaniline	10.59	138	311208	48.821	ng	98
62) Azobenzene	10.72	77	1252829	53.687	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	134861	45.817	ng	97
65) n-Nitrosodiphenylamine	10.67	169	991251	54.081	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	306334	55.862	ng	92
67) Hexachlorobenzene	11.11	284	340775	57.254	ng	93
68) Atrazine	11.20	200	315494	57.267	ng	98
69) Pentachlorophenol	11.30	266	223864	77.787	ng	96
70) Phenanthrene	11.53	178	1557311	53.755	ng	99
71) Anthracene	11.58	178	1595338	53.702	ng	99
72) Carbazole	11.73	167	1549991	52.394	ng	99
73) Di-n-butylphthalate	12.06	149	1903995	51.434	ng	99
74) Fluoranthene	12.72	202	1608619	55.256	ng	100
76) Benzidine	12.84	184	1007047	68.889	ng	# 94
77) Pyrene	12.95	202	1672764	54.869	ng	99
79) Butylbenzylphthalate	13.56	149	797205	49.494	ng	98
80) Benzo(a)anthracene	14.14	228	1424933	56.164	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	480303	53.047	ng	98
82) Chrysene	14.18	228	1323215	53.714	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	1105907	50.879	ng	99
84) Di-n-octyl phthalate	14.74	149	1705566	48.566	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	1123812	57.624	ng	98
87) Benzo(b)fluoranthene	15.23	252	1278454	59.101	ng	97
88) Benzo(k)fluoranthene	15.26	252	1128440	55.398	ng	100
89) Benzo(a)pyrene	15.62	252	1112059	57.569	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	929812	62.293	ng	99
91) Benzo(g,h,i)perylene	17.73	276	910964	62.445	ng	96

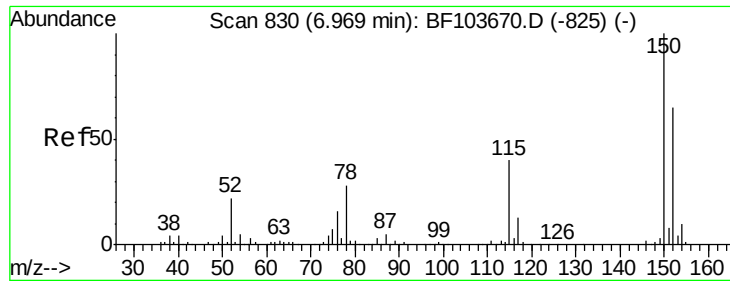
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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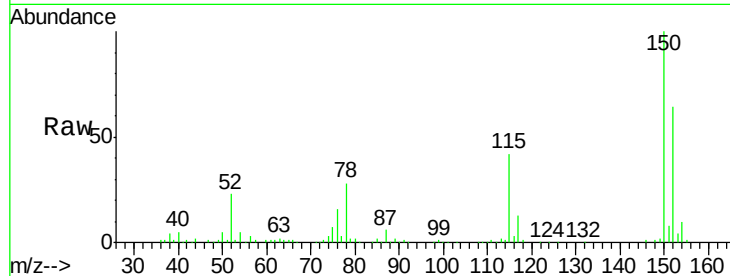


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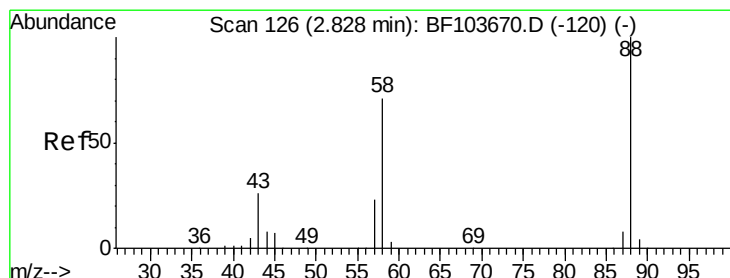
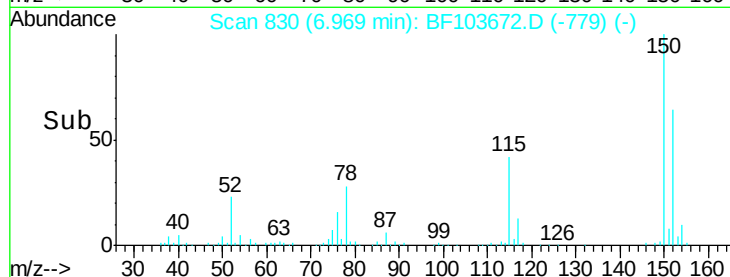
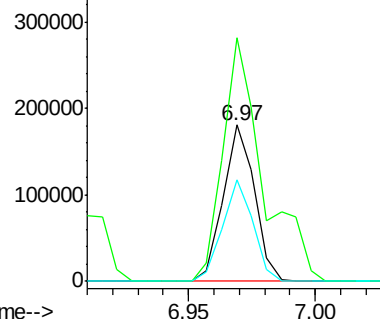
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155044
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 64.9 50.1 75.1



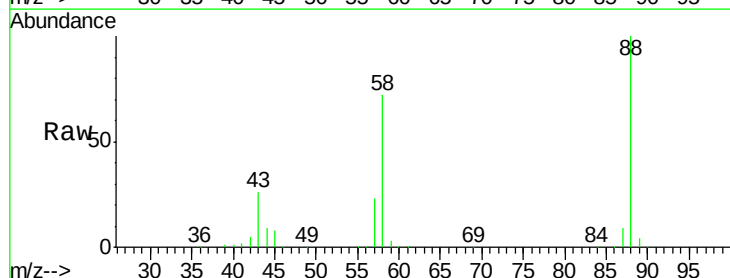
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



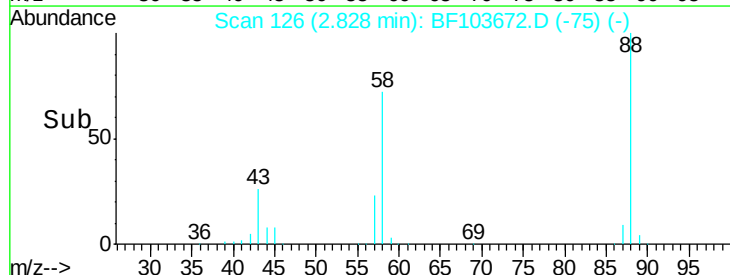
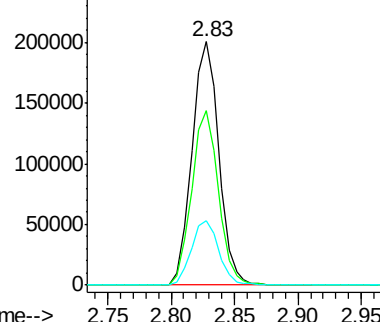
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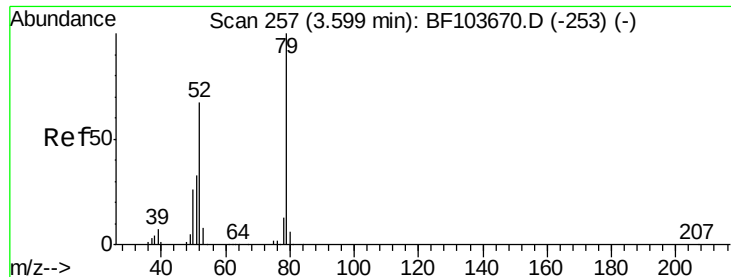
1,4-Dioxane
Concen: 54.612 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.00 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion: 88 Resp: 295689
Ion Ratio Lower Upper
88 100
58 71.2 62.6 93.8
43 27.3 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: 56.350 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

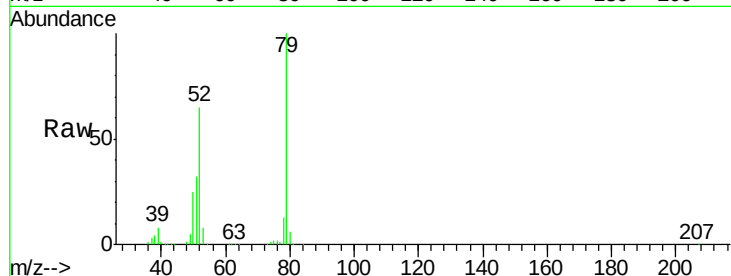
Tot Ion: 79 Resp: 814531

Ion Ratio Lower Upper

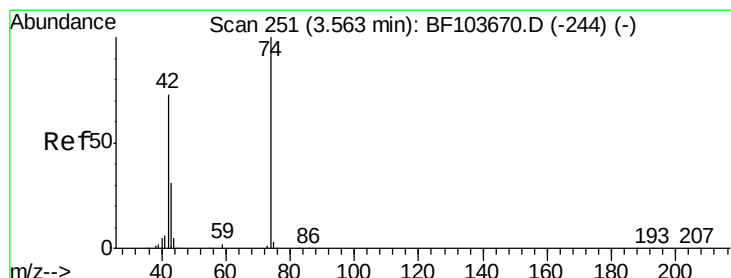
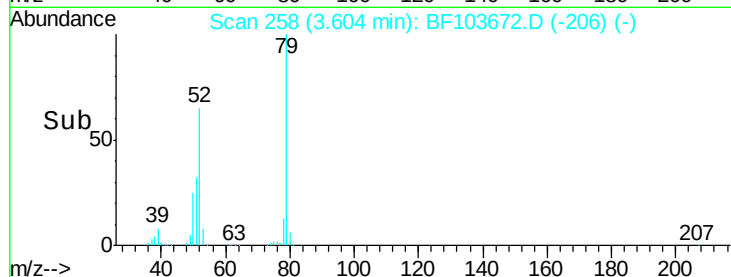
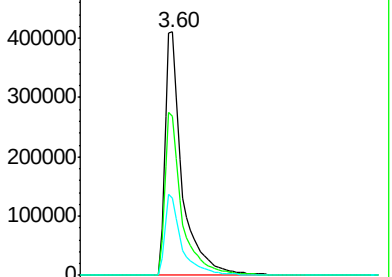
79 100

52 65.3 59.8 89.6

51 31.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 51.252 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

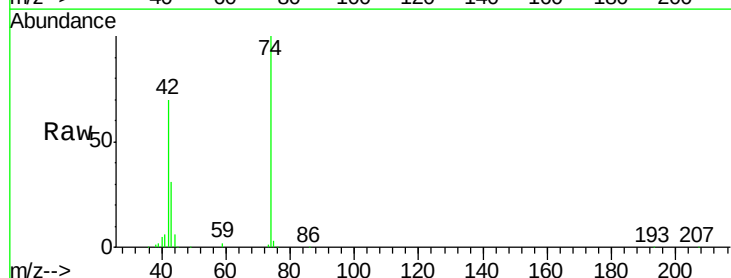
Tgt Ion: 42 Resp: 298779

Ion Ratio Lower Upper

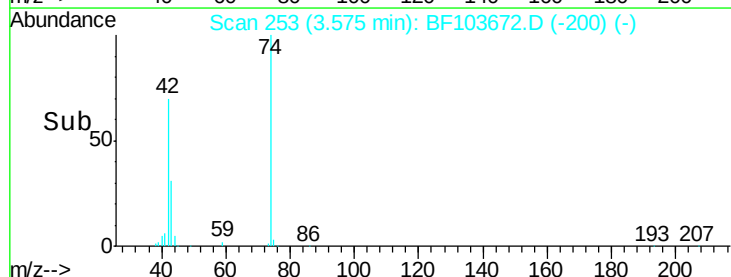
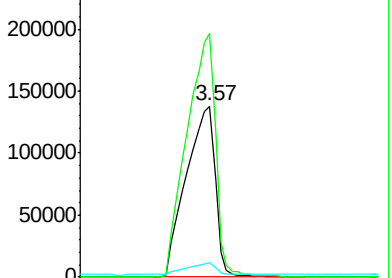
42 100

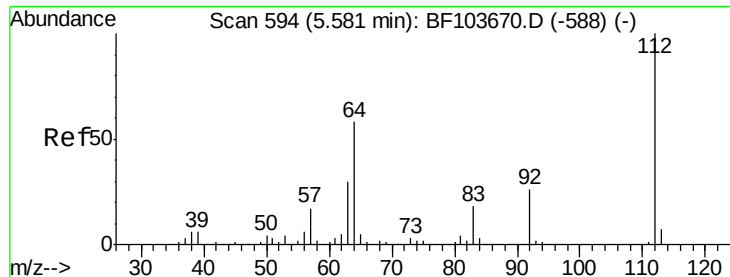
74 142.4 104.9 157.3

44 8.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.988 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

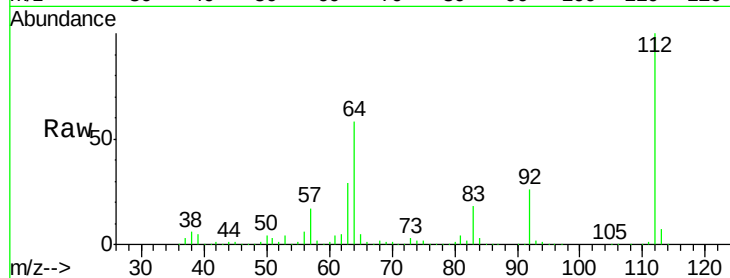
Tot Ion:112 Resp: 1158272

Ion Ratio Lower Upper

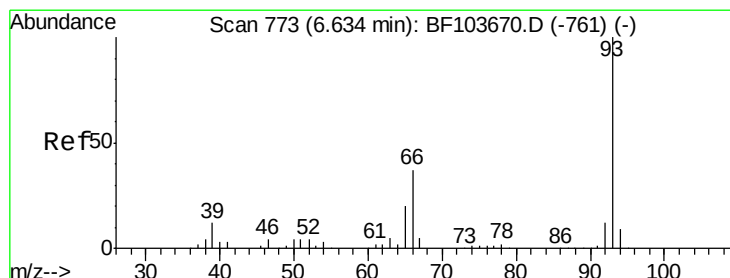
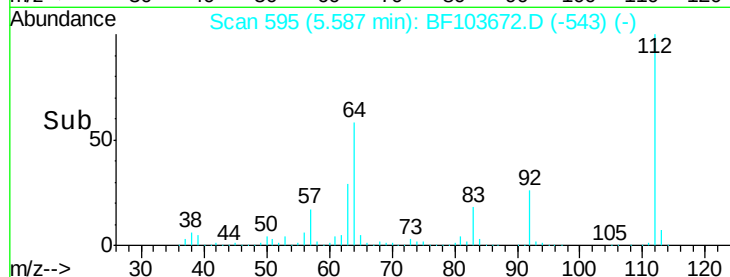
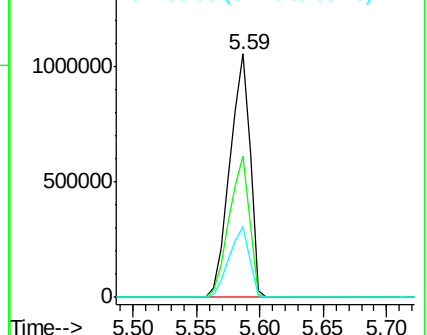
112 100

64 57.9 47.9 71.9

63 29.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 57.191 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

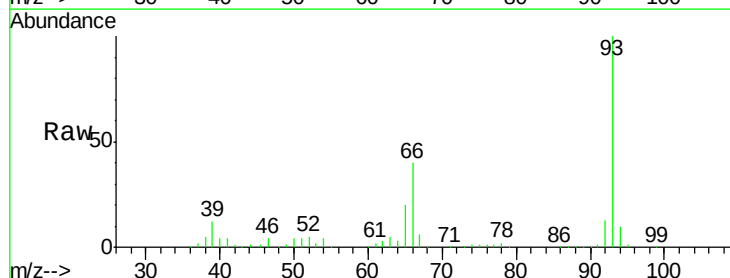
Tgt Ion: 93 Resp: 1035375

Ion Ratio Lower Upper

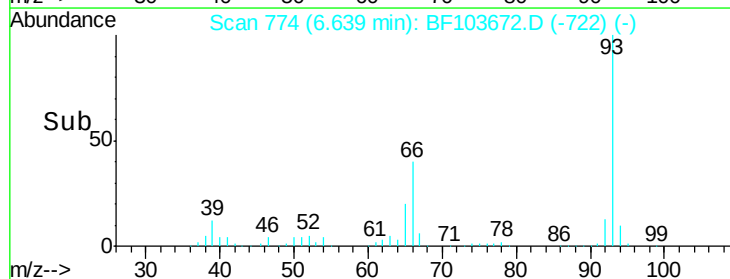
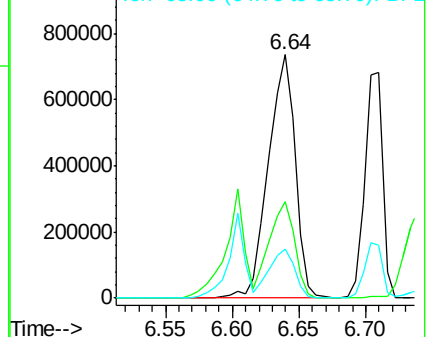
93 100

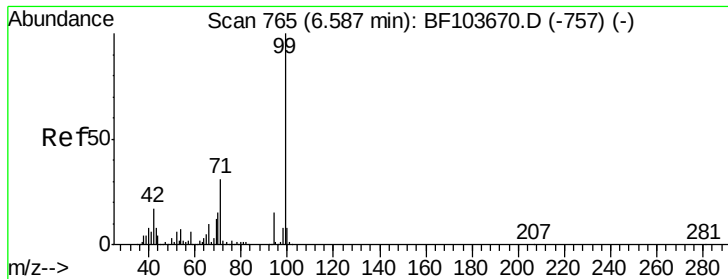
66 39.6 32.2 48.2

65 20.1 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: 112.231 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampled :

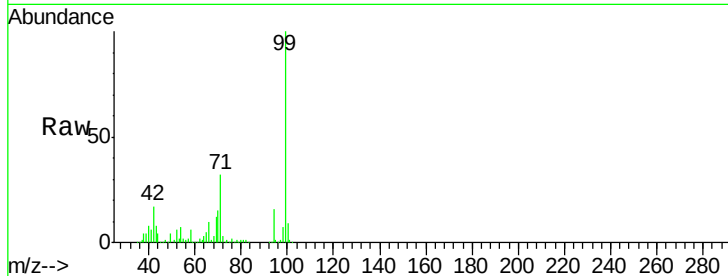
Tot Ion: 99 Resp: 1407829

Ion Ratio Lower Upper

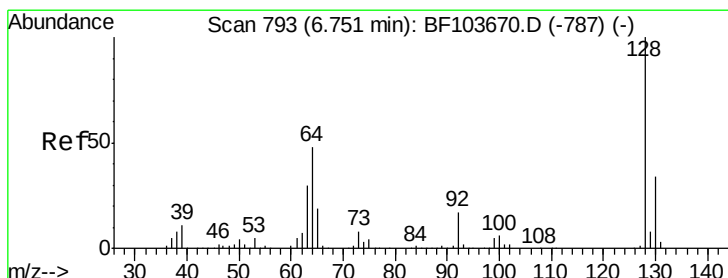
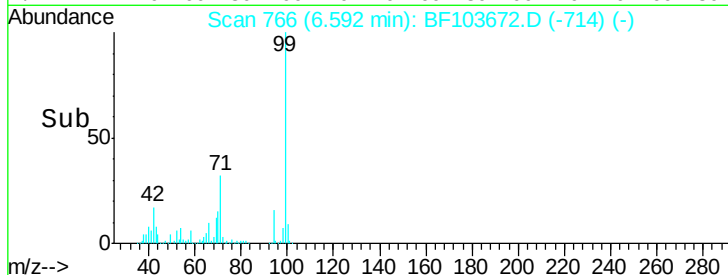
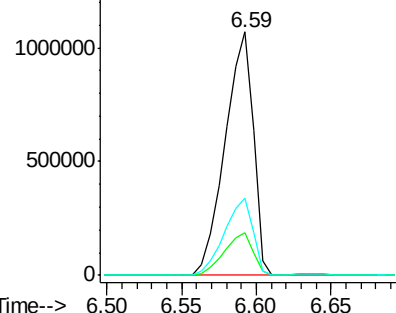
99 100

42 17.3 14.5 21.7

71 31.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 57.987 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

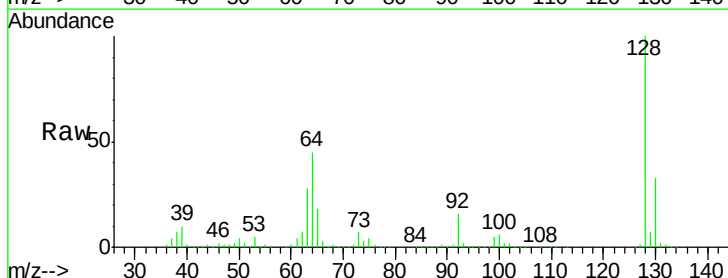
Tgt Ion: 128 Resp: 617532

Ion Ratio Lower Upper

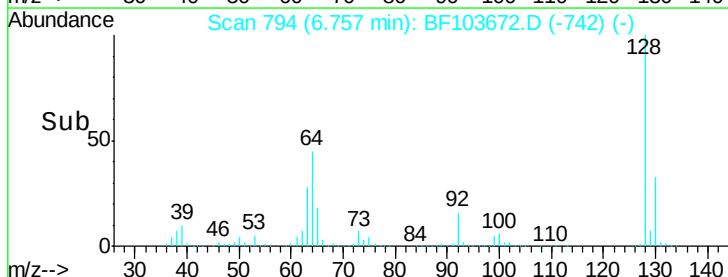
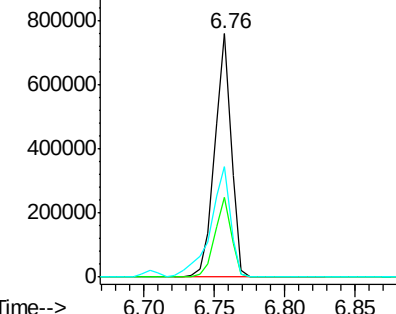
128 100

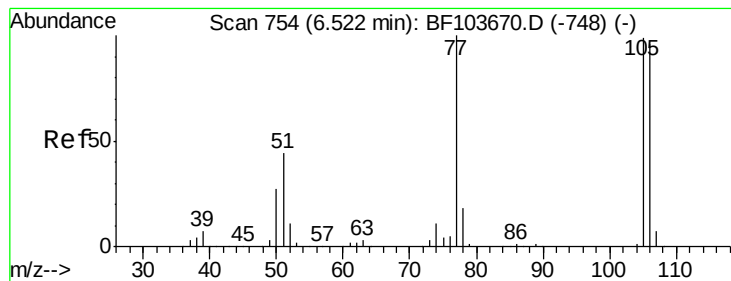
130 32.9 13.0 53.0

64 45.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 57.986 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampled :

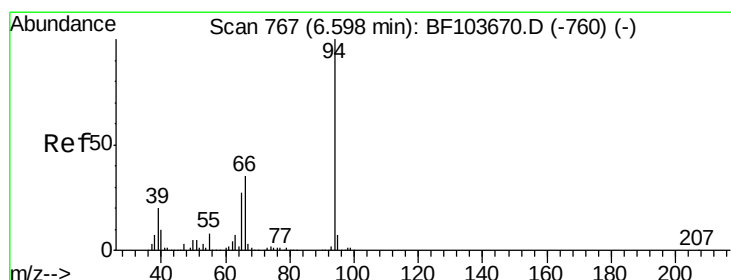
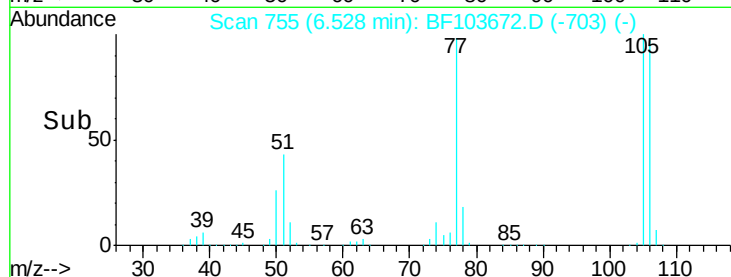
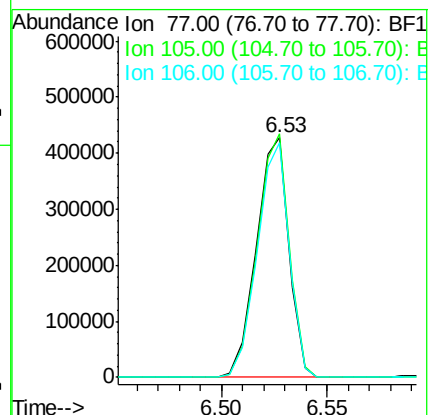
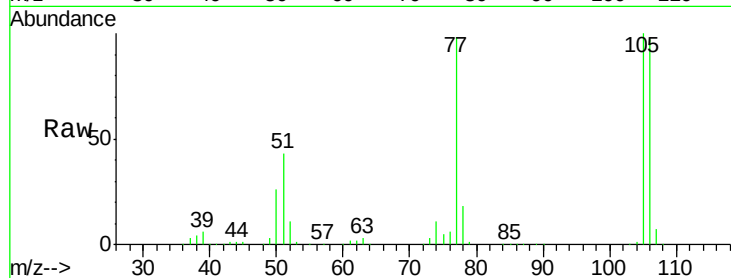
Tot Ion: 77 Resp: 455964

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

106 98.2 74.5 114.5



#10

Phenol

Concen: 51.478 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

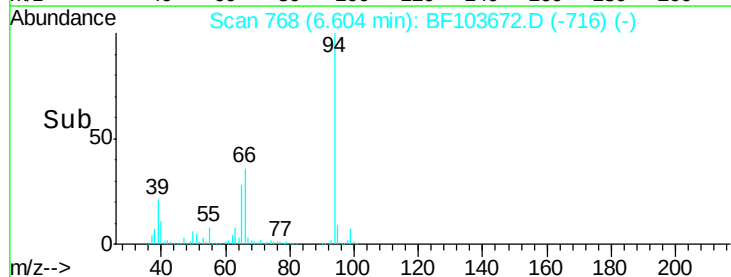
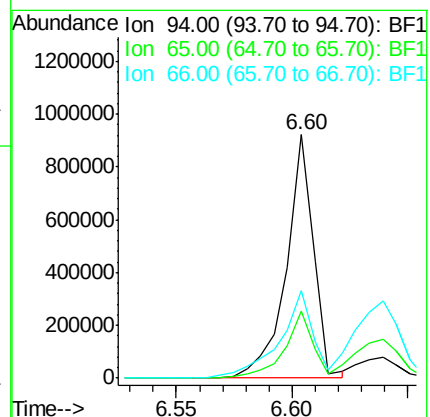
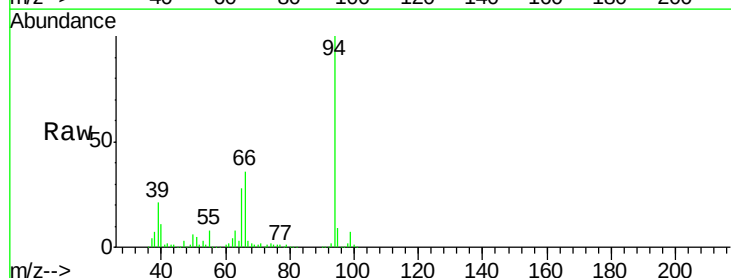
Tgt Ion: 94 Resp: 749637

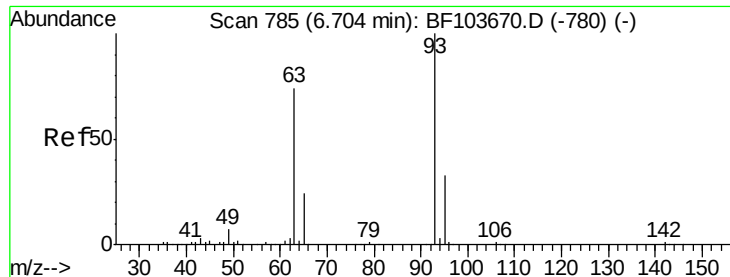
Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 35.8 16.2 56.2

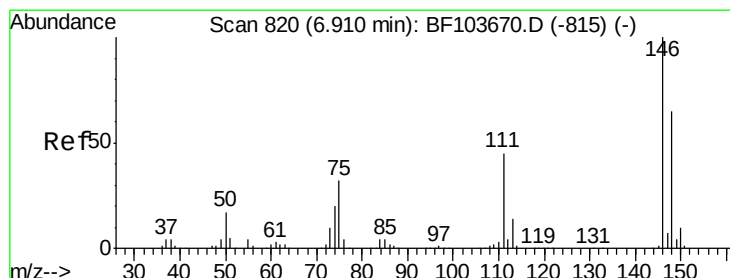
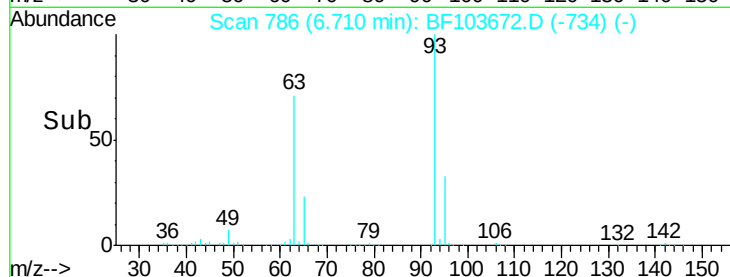
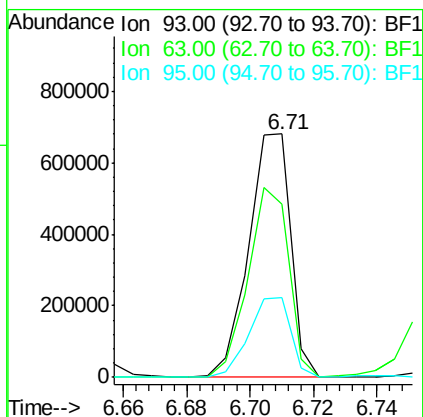
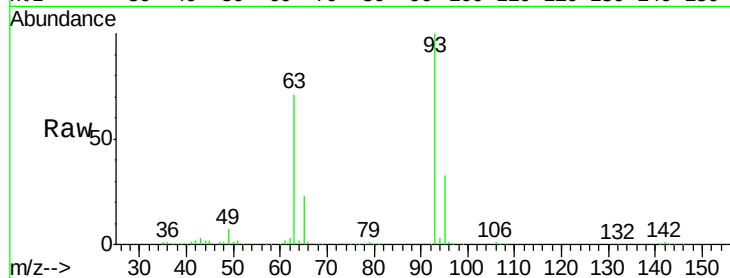




#11
bis(2-Chloroethyl)ether
Concen: 56.701 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

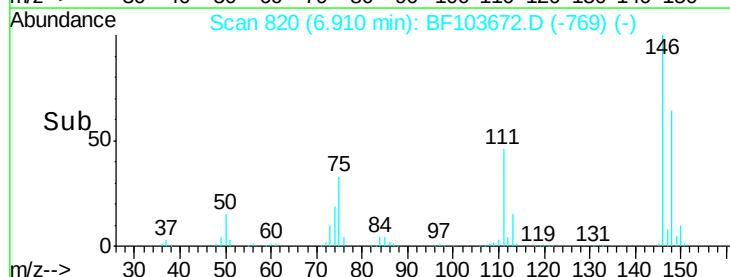
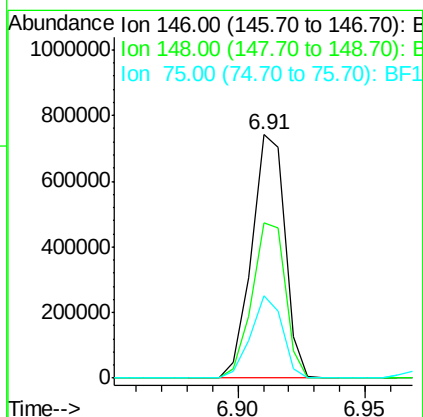
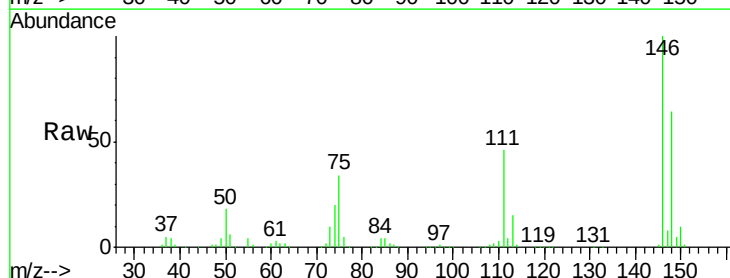
Instrument :
BNA_F
ClientSampleId :

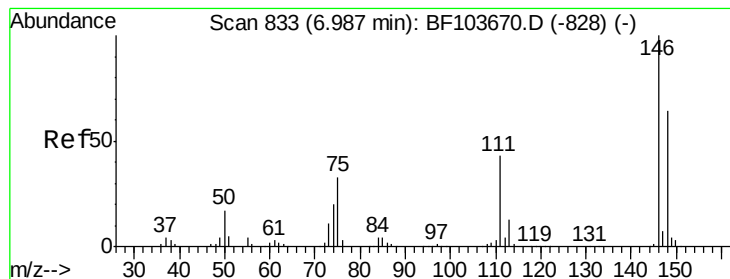
Tot Ion: 93 Resp: 626681
Ion Ratio Lower Upper
93 100
63 71.1 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 55.984 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion: 146 Resp: 681320
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 34.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 55.859 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

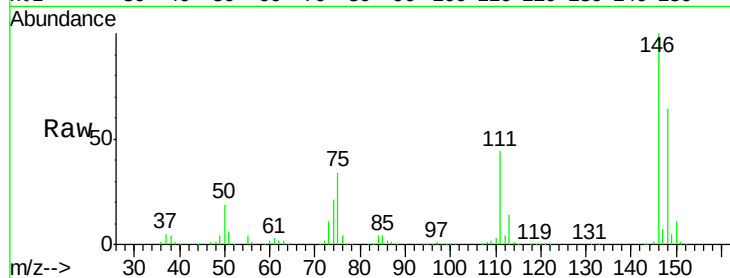
Tot Ion:146 Resp: 681552

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

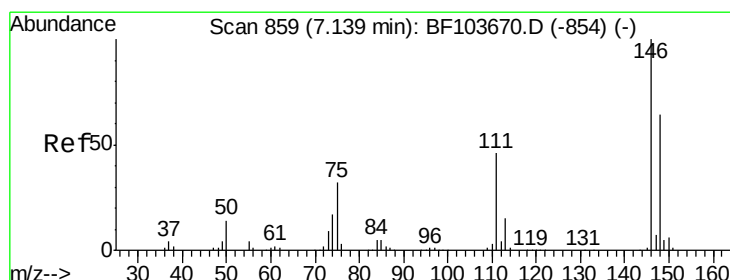
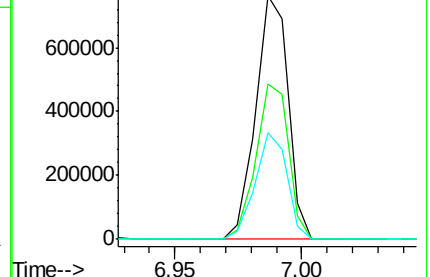
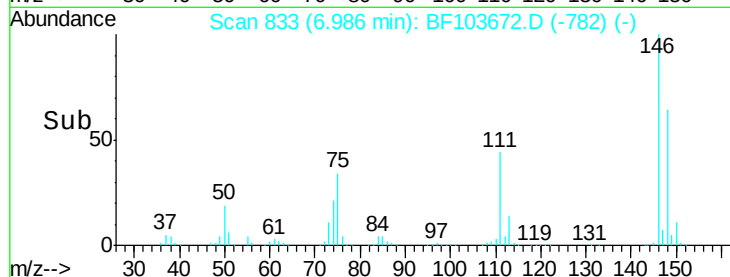
111 44.0 34.2 51.2



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: 55.434 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

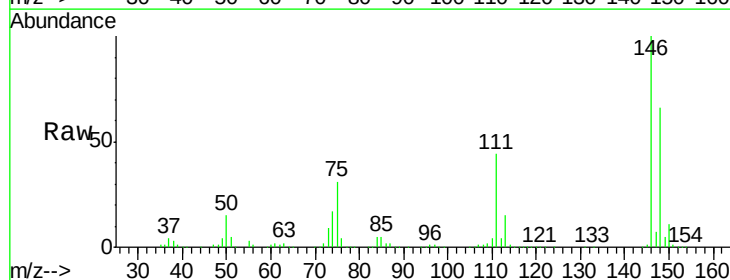
Tgt Ion:146 Resp: 623669

Ion Ratio Lower Upper

146 100

148 65.5 50.6 75.8

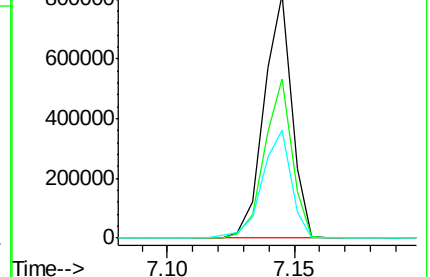
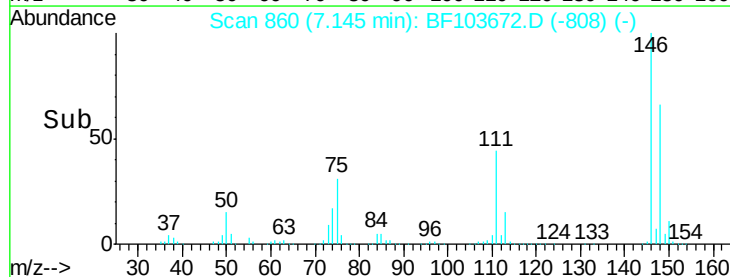
111 44.2 36.0 54.0

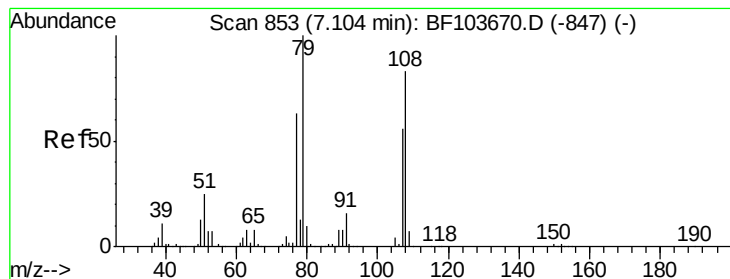


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 58.748 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

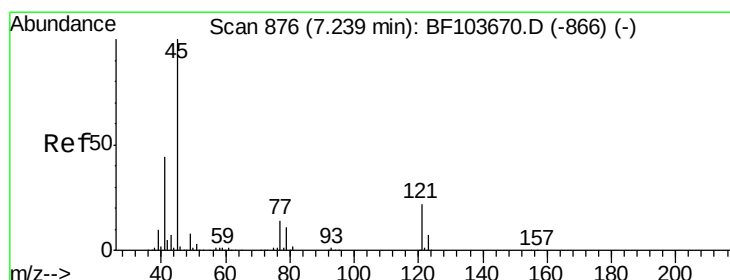
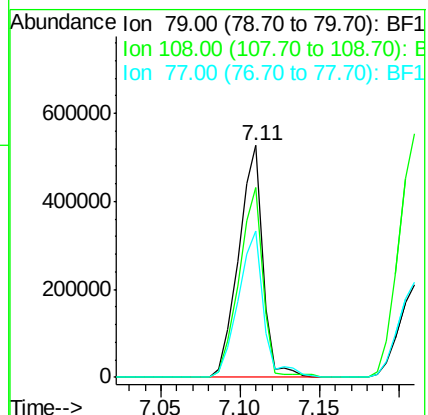
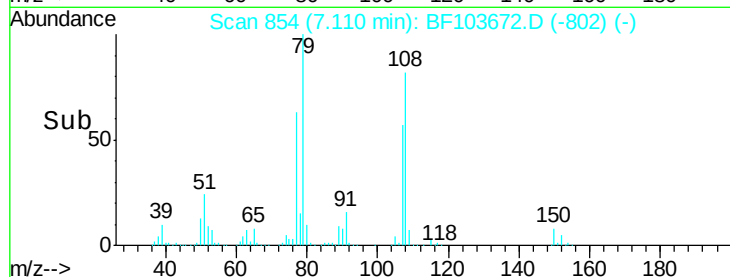
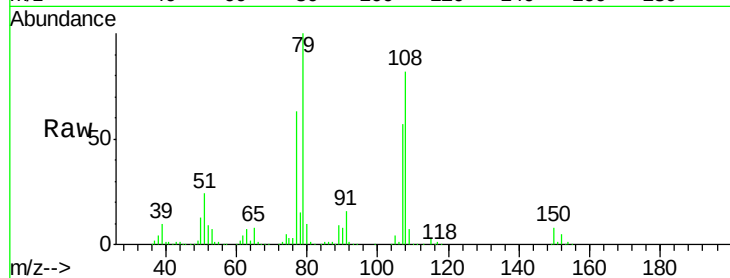
Tot Ion: 79 Resp: 555322

Ion Ratio Lower Upper

79 100

108 82.0 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.501 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

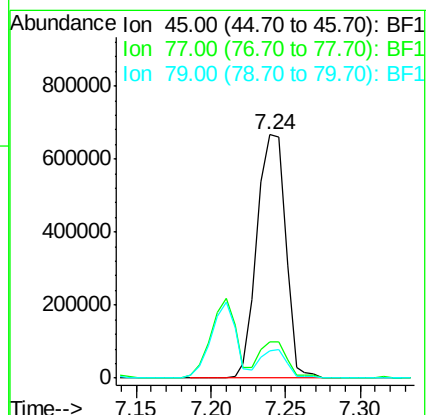
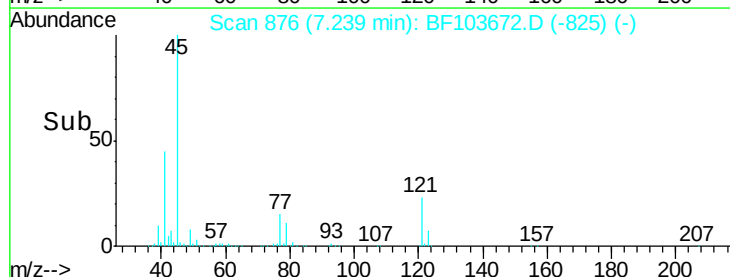
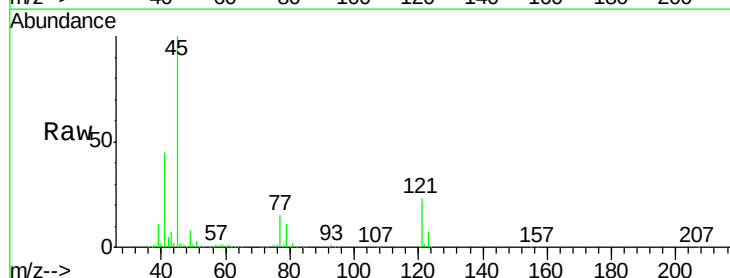
Tgt Ion: 45 Resp: 882557

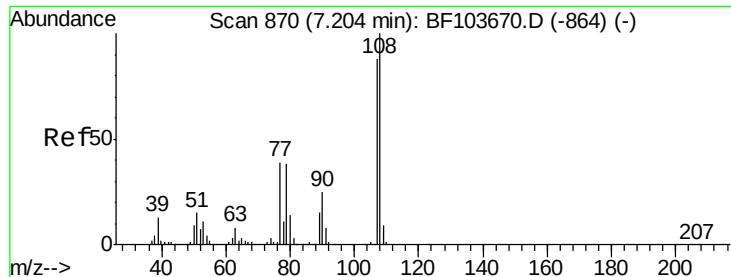
Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.9

79 11.2 0.0 29.6





#17

2-Methylphenol

Concen: 56.753 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 549244

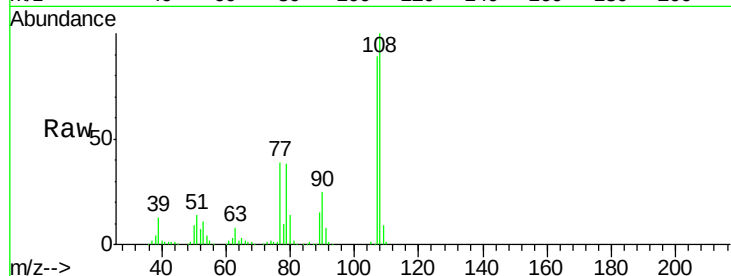
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 44.3 33.8 50.8

79 42.6 33.8 50.8

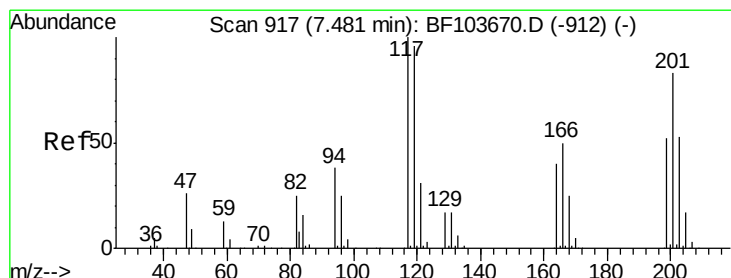
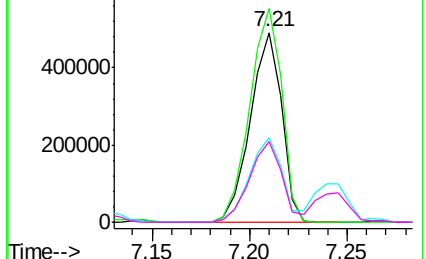
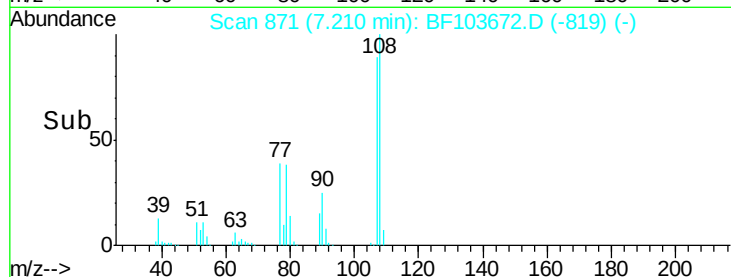


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 56.462 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

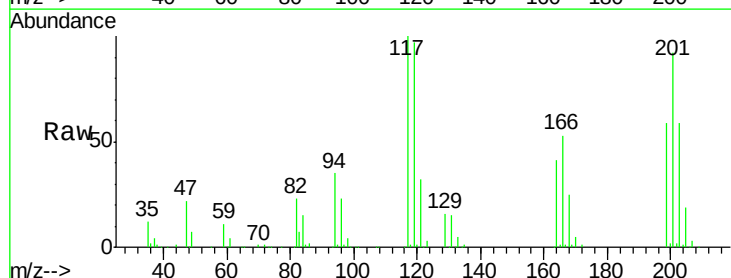
Tgt Ion:117 Resp: 250791

Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

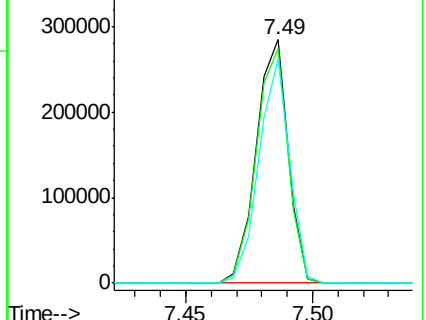
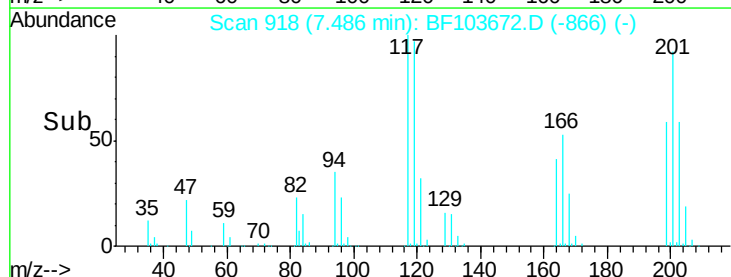
201 92.0 75.7 113.5

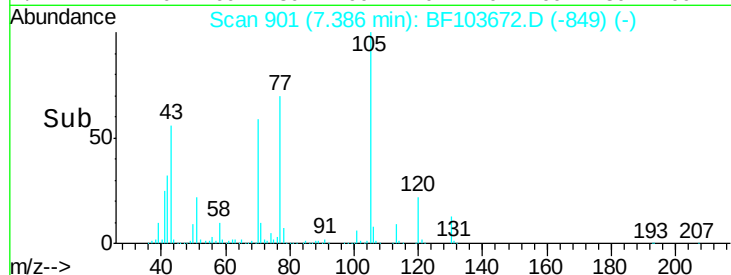
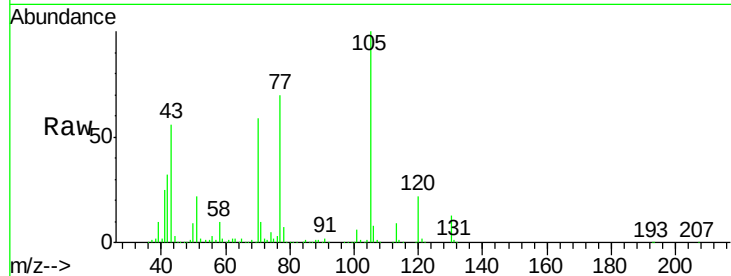
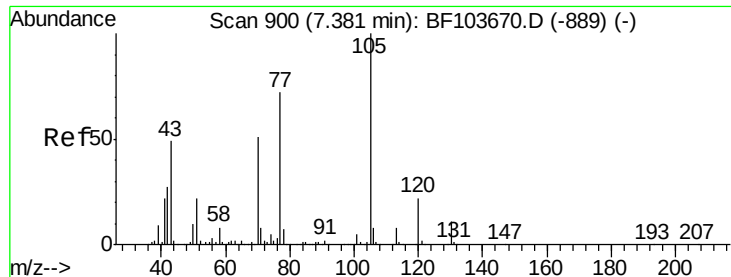


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

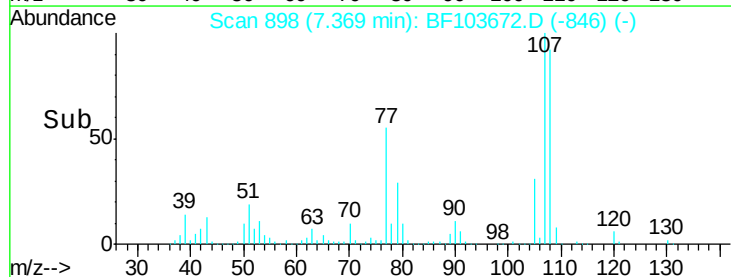
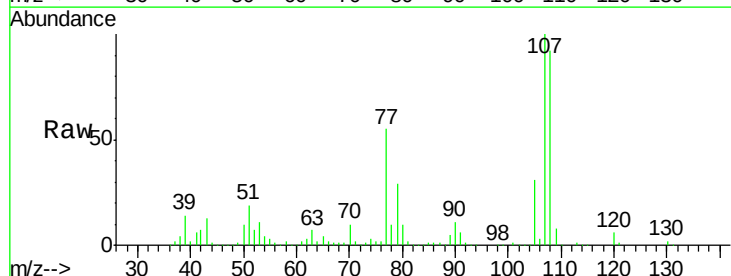
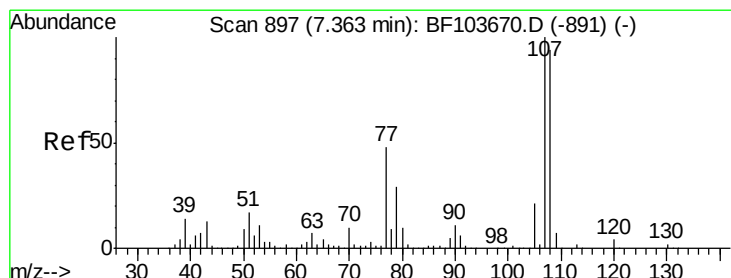
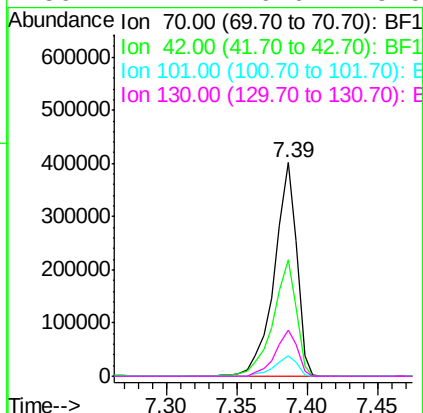




#19
n-Nitroso-di-n-propylamine
Concen: 57.410 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

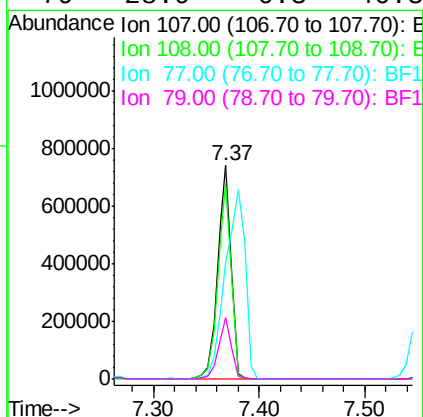
Instrument :
BNA_F
ClientSampleId :

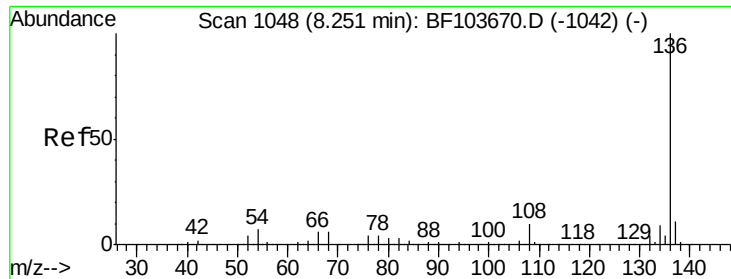
Tot Ion: 70 Resp: 448199
Ion Ratio Lower Upper
70 100
42 54.7 47.5 71.3
101 9.7 7.4 11.2
130 21.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 57.171 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion: 107 Resp: 674453
Ion Ratio Lower Upper
107 100
108 91.9 68.2 108.2
77 54.6 26.7 66.7
79 28.9 6.3 46.3

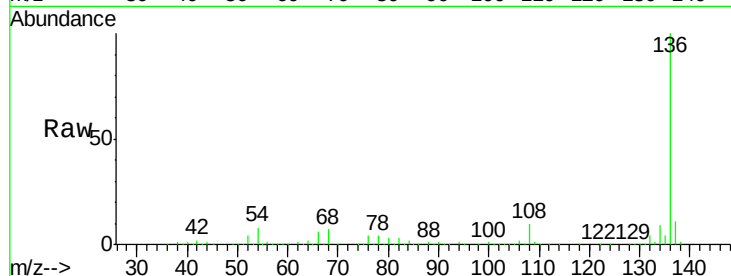




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 633491
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 8.1	6.6 9.8
68 6.5	5.0 7.4



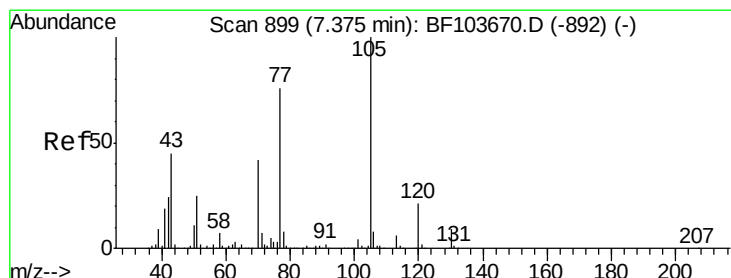
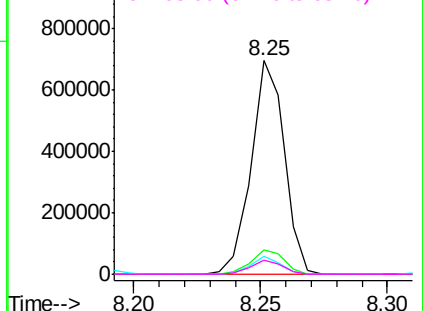
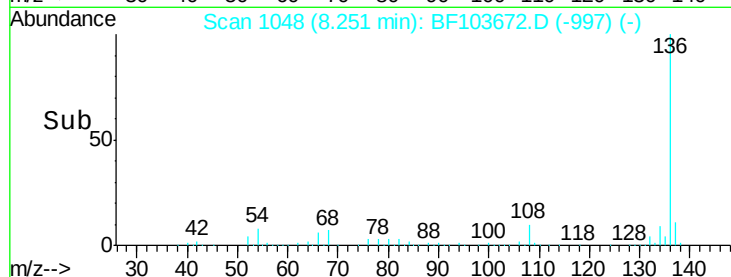
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

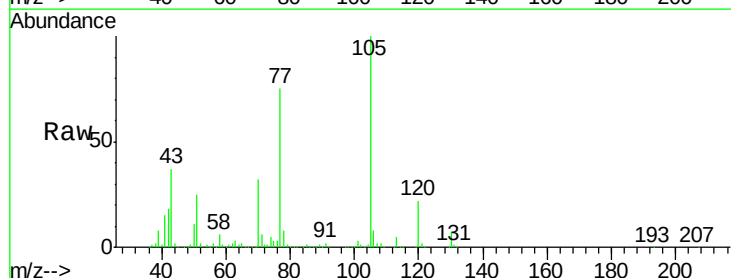
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 60.167 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt	Ion:105	Resp:	889669
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.4	6.6
51	24.9	22.3	33.5
120	22.2	16.9	25.3



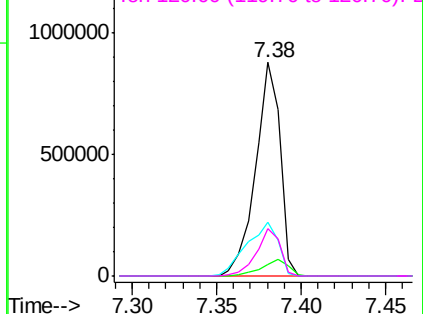
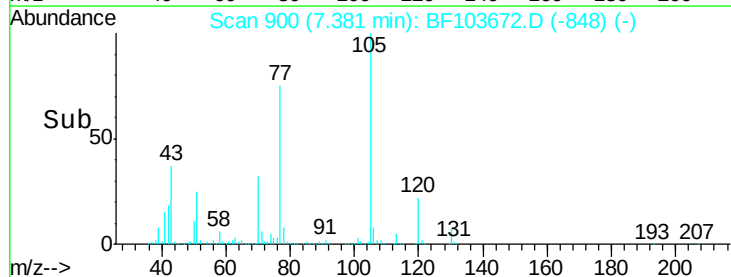
Abundance

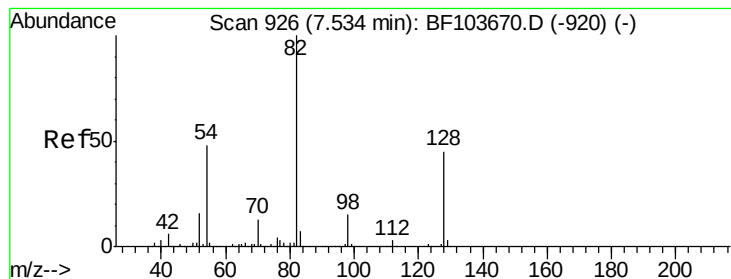
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 107.560 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

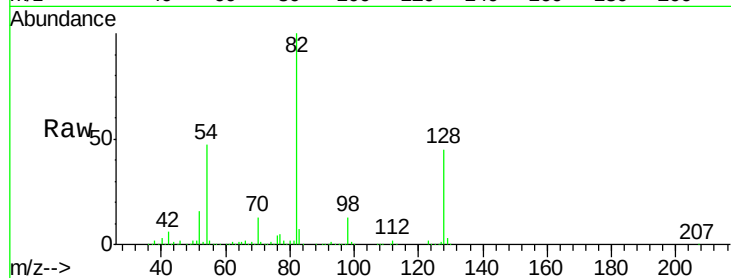
Tot Ion: 82 Resp: 1193143

Ion Ratio Lower Upper

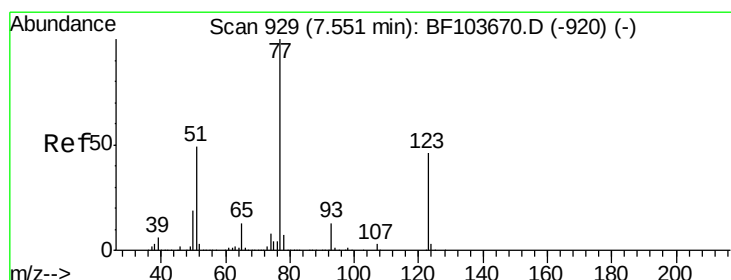
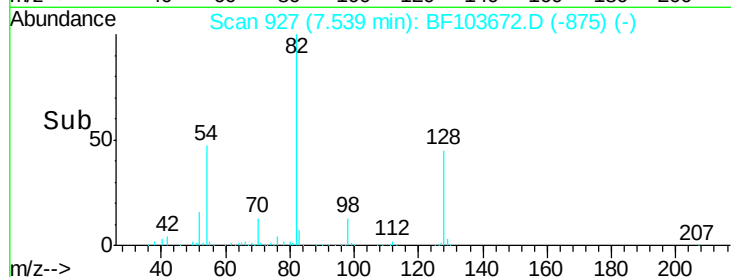
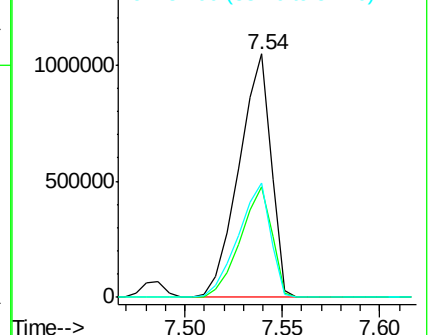
82 100

128 45.4 36.1 54.1

54 47.2 41.4 62.2



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



#24

Nitrobenzene

Concen: 54.349 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

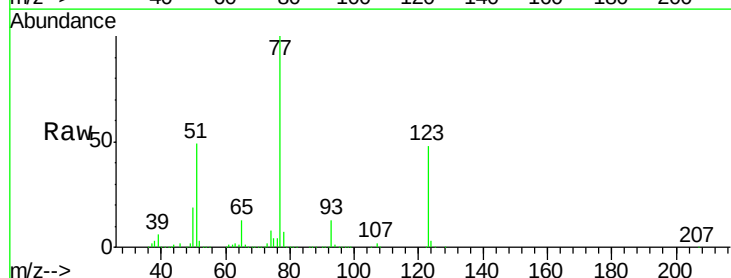
Tgt Ion: 77 Resp: 663768

Ion Ratio Lower Upper

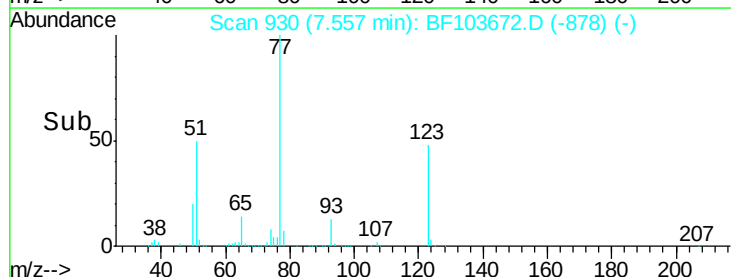
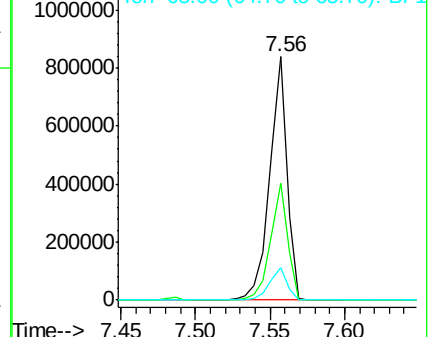
77 100

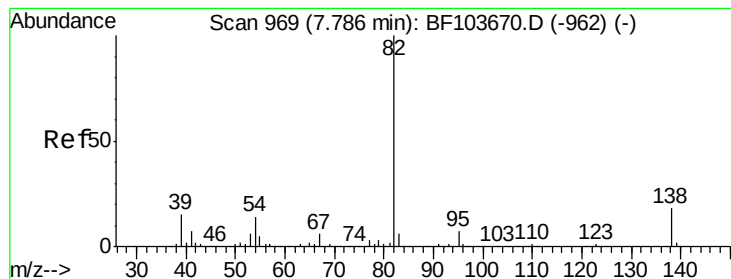
123 47.9 37.9 56.9

65 13.5 11.0 16.4



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





#25

Isophorone

Concen: 55.964 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

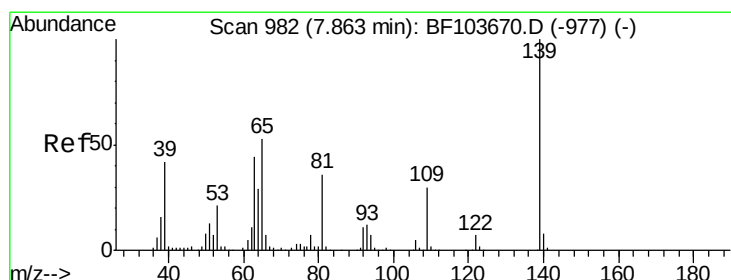
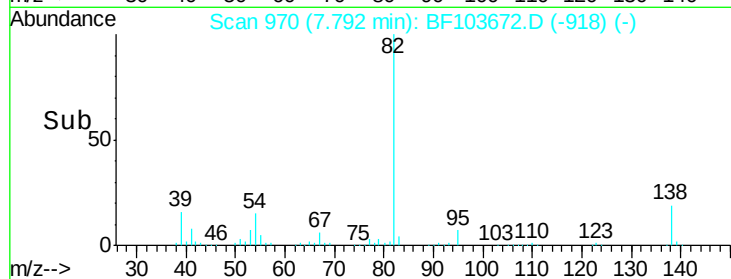
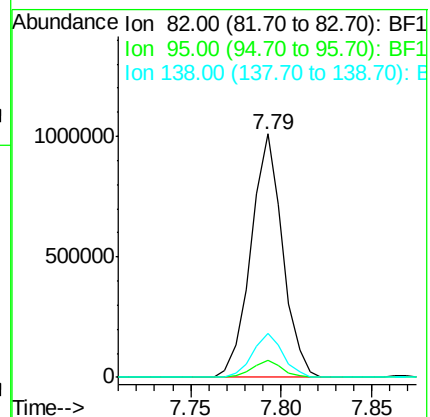
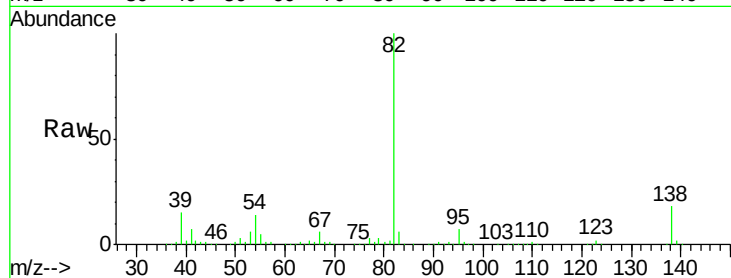
Tot Ion: 82 Resp: 1222659

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 45.319 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

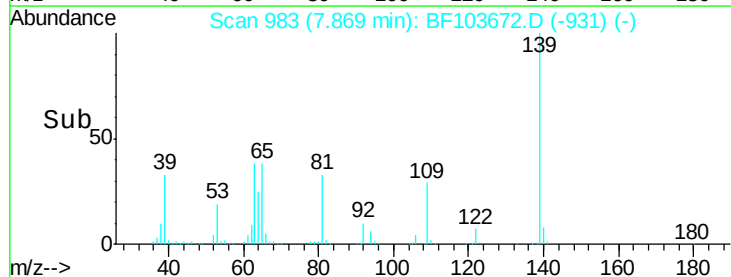
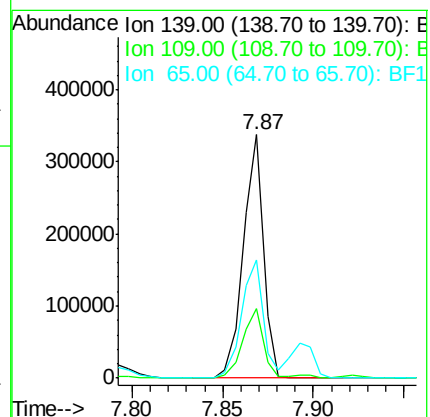
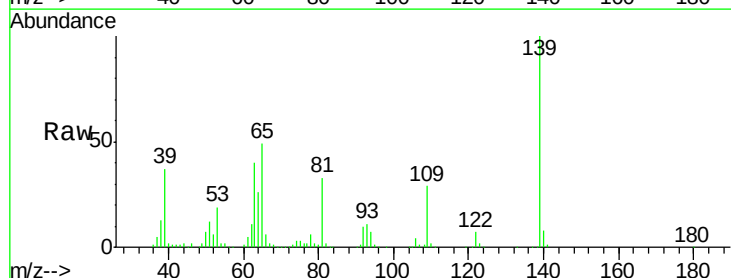
Tgt Ion: 139 Resp: 260559

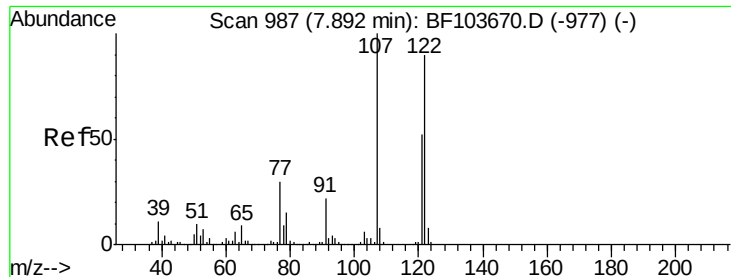
Ion Ratio Lower Upper

139 100

109 28.8 22.7 34.1

65 48.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 60.143 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

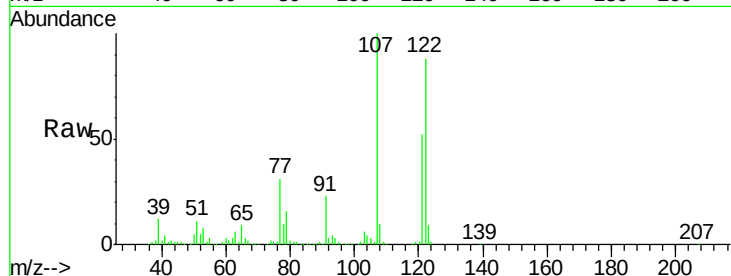
Tot Ion:122 Resp: 528558

Ion Ratio Lower Upper

122 100

107 113.8 91.2 136.8

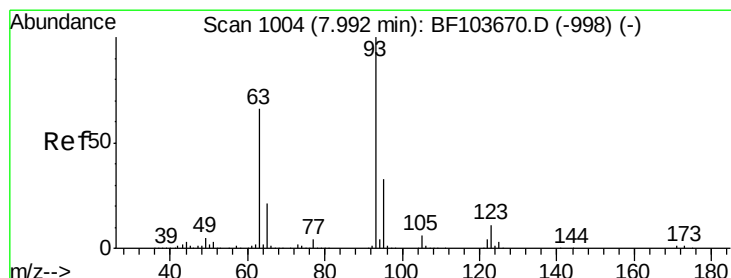
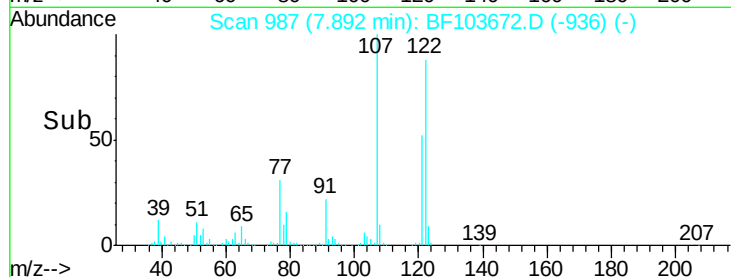
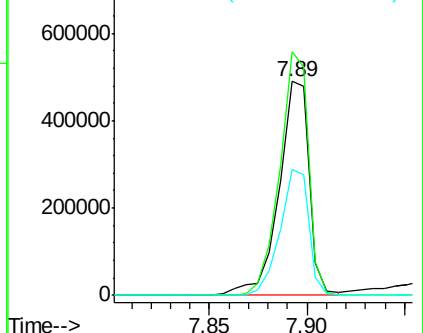
121 59.0 47.2 70.8



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: 57.003 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

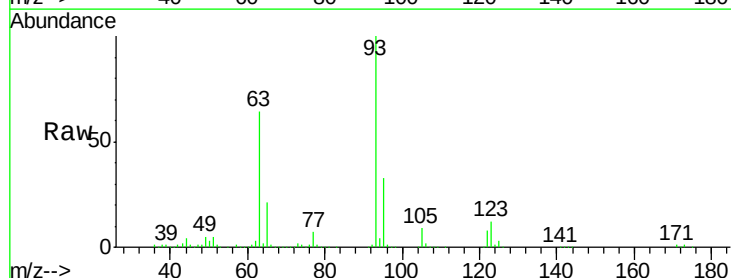
Tgt Ion: 93 Resp: 732197

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

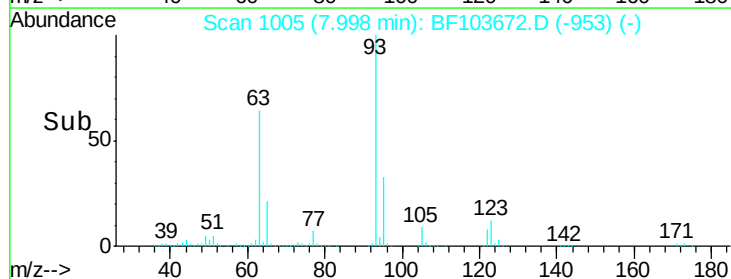
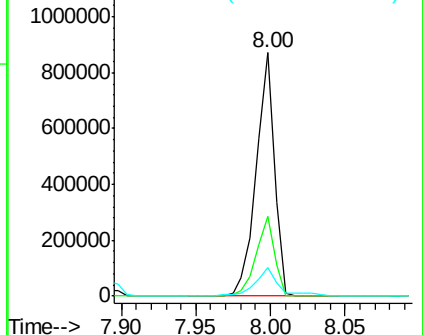
123 11.9 9.8 14.6

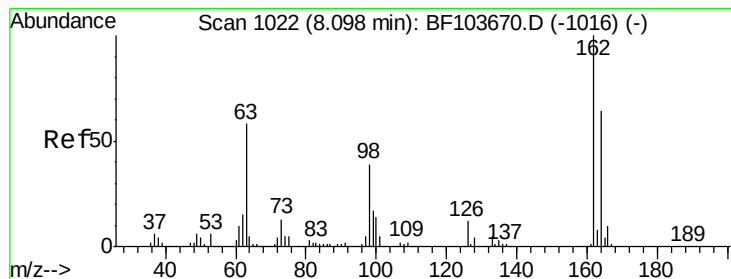


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 58.894 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

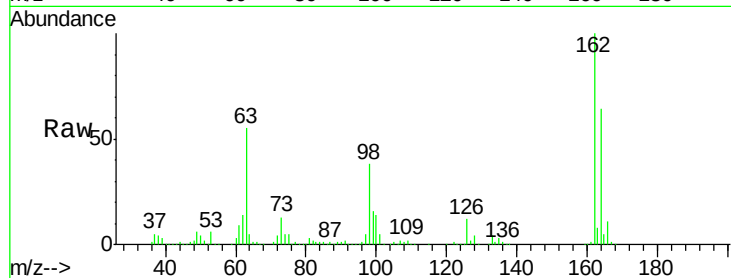
Tot Ion:162 Resp: 495534

Ion Ratio Lower Upper

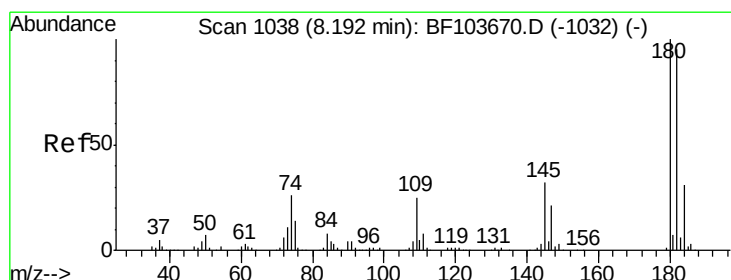
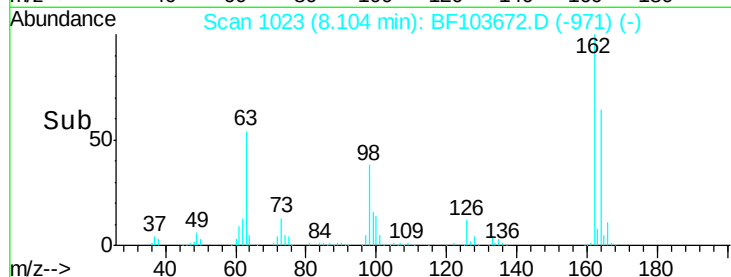
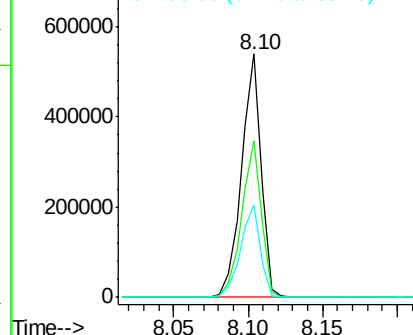
162 100

164 64.3 42.7 82.7

98 38.3 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: 59.879 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

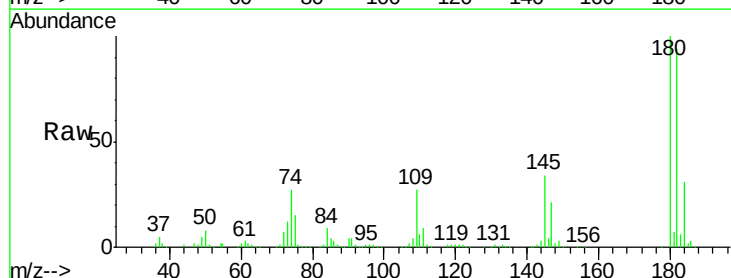
Tgt Ion:180 Resp: 536515

Ion Ratio Lower Upper

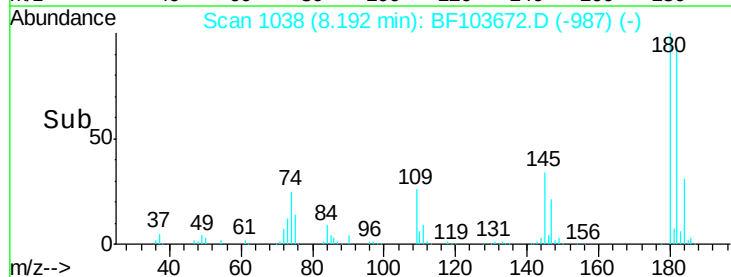
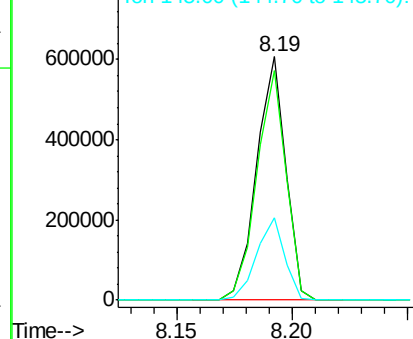
180 100

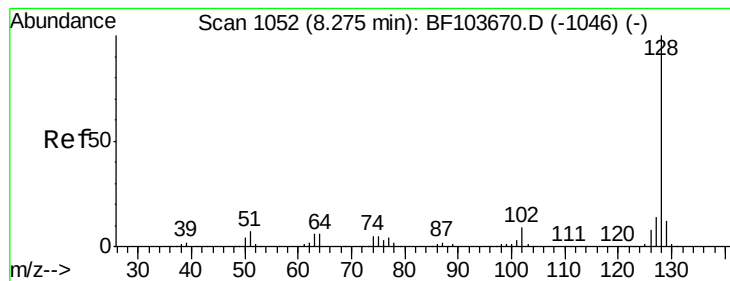
182 94.4 76.8 115.2

145 33.6 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: 57.067 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

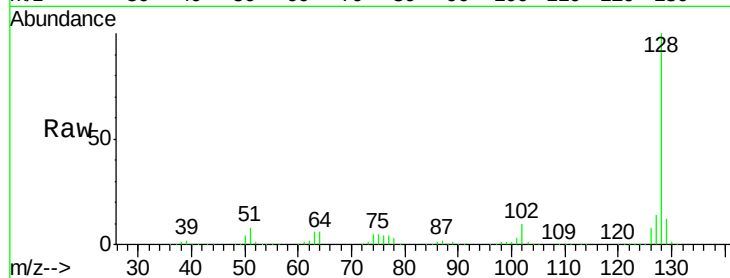
Tot Ion:128 Resp: 1769894

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

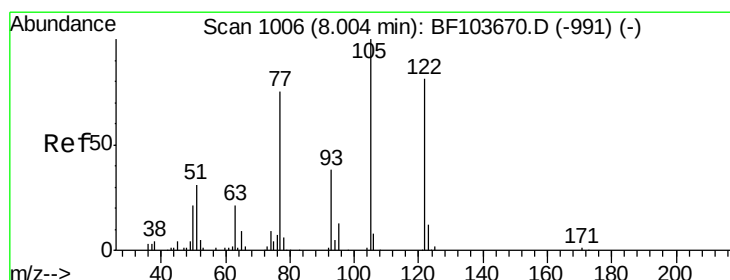
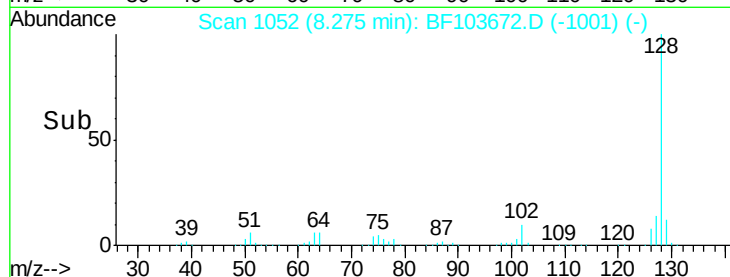
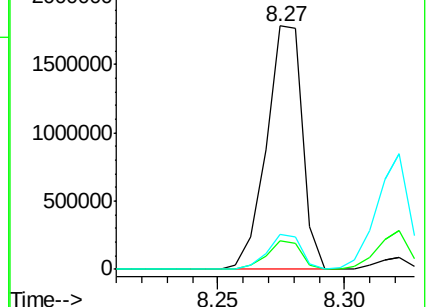
127 14.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 70.775 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.02 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

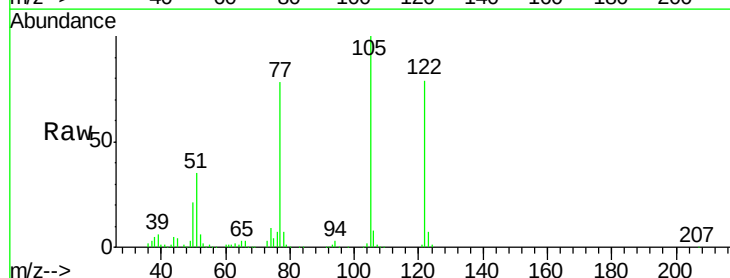
Tgt Ion:122 Resp: 410573

Ion Ratio Lower Upper

122 100

105 126.8 101.1 141.1

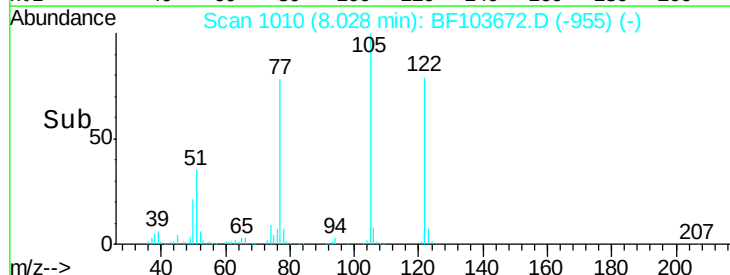
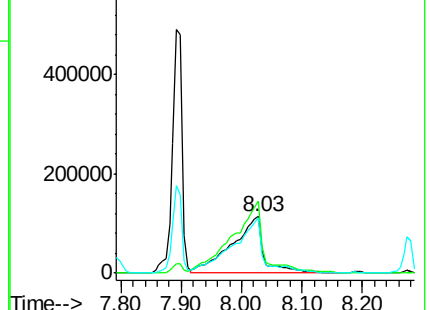
77 98.9 70.7 110.7

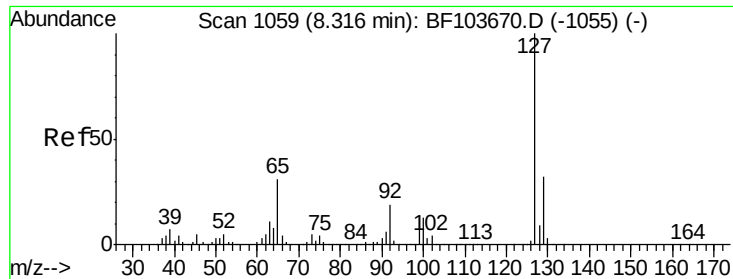


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

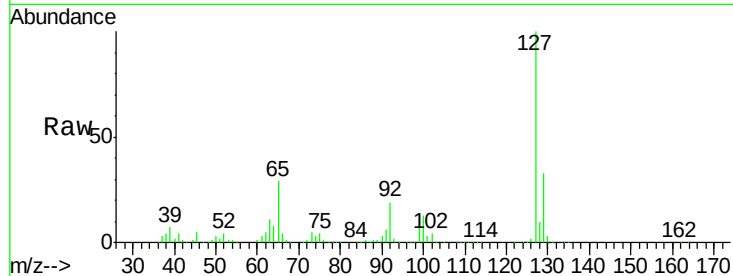




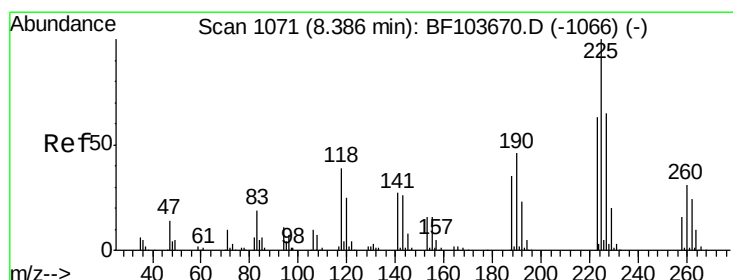
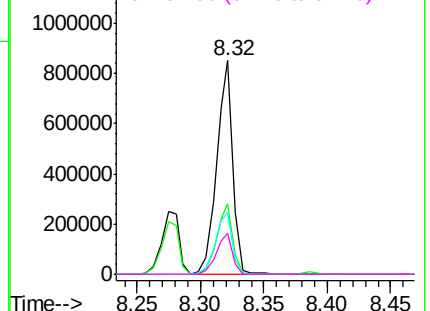
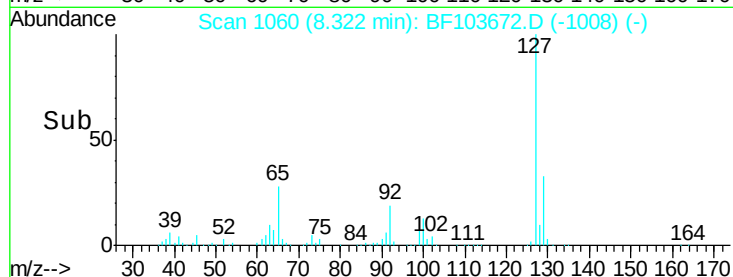
#33
4-Chloroaniline
Concen: 56.680 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	758568
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	28.8	25.0	37.4
92	19.1	15.2	22.8

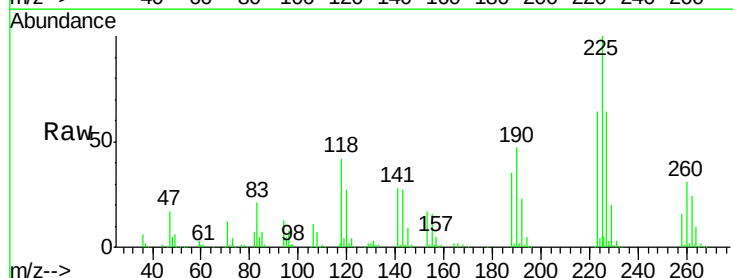


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

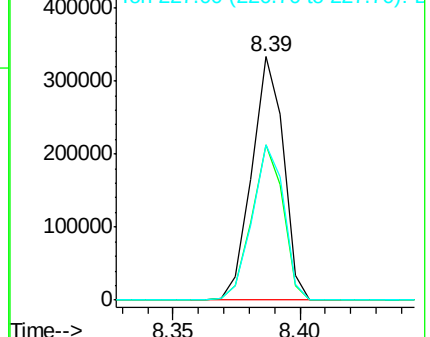
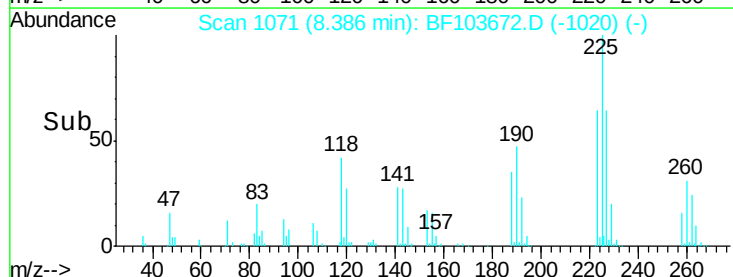


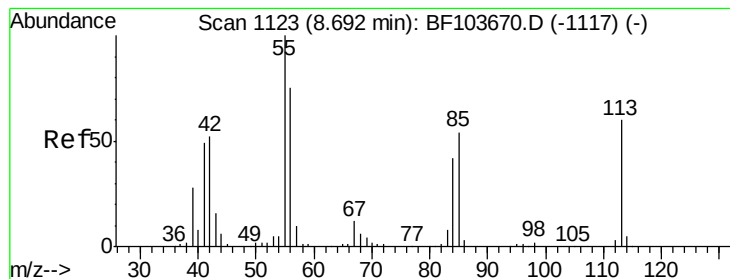
#34
Hexachlorobutadiene
Concen: 62.158 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion:	225	Resp:	290018
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	63.6	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: 58.088 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.02 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

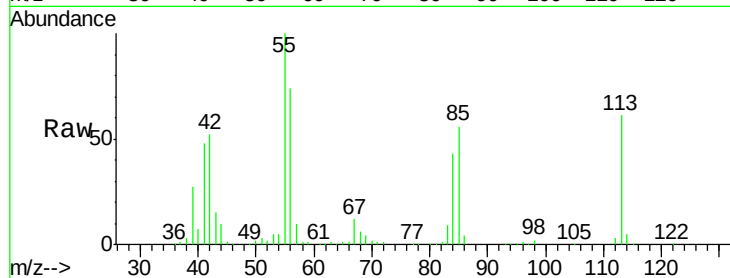
Tot Ion:113 Resp: 171773

Ion Ratio Lower Upper

113 100

55 163.9 163.3 203.3

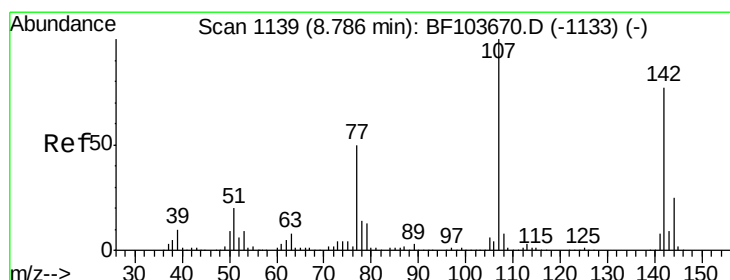
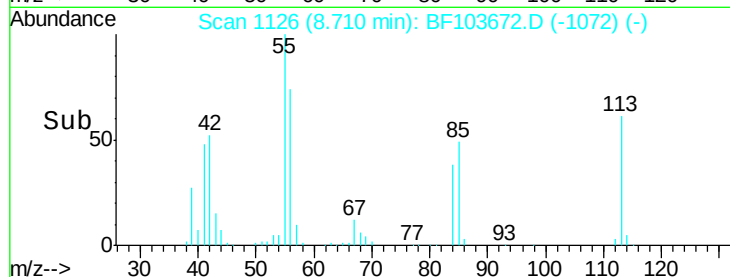
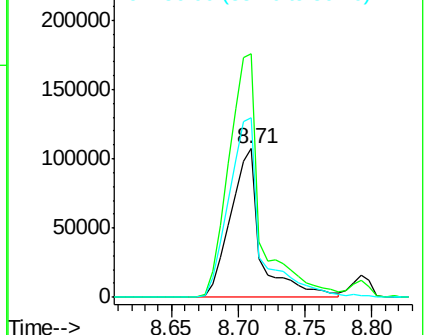
56 120.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 56.763 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

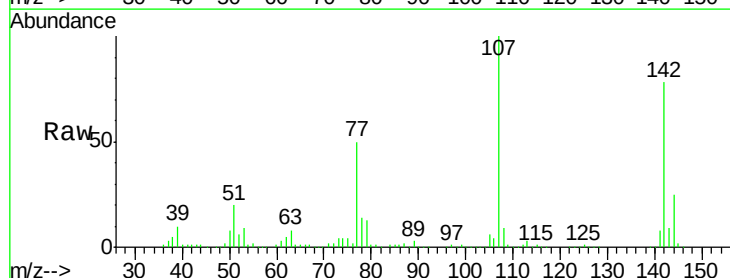
Tgt Ion:107 Resp: 538696

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

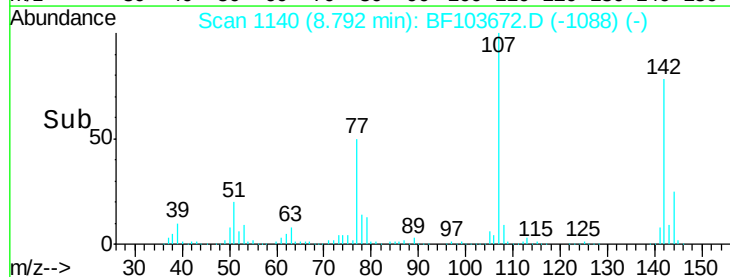
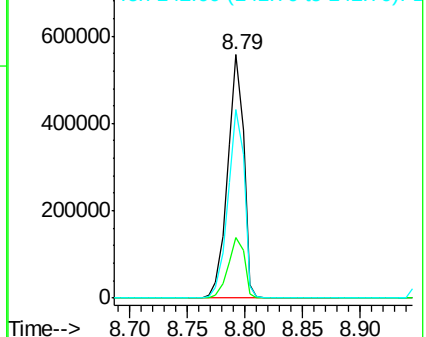
142 77.6 62.0 93.0

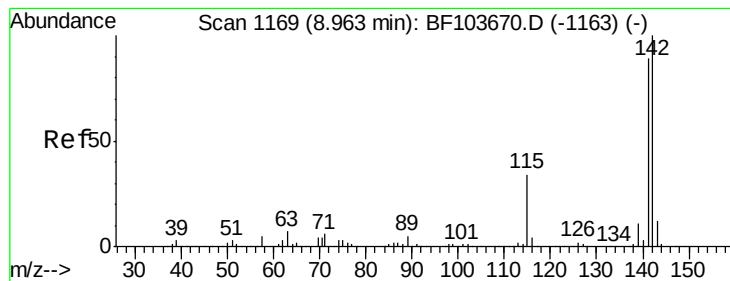


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 56.265 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

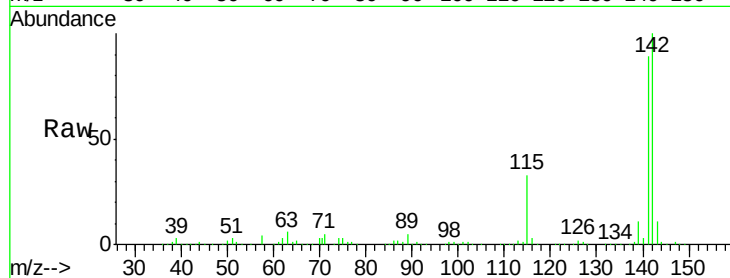
Tot Ion:142 Resp: 1127779

Ion Ratio Lower Upper

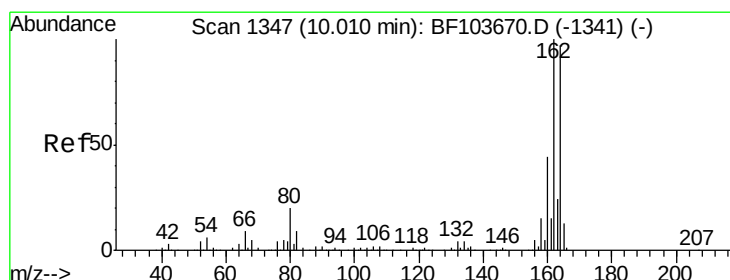
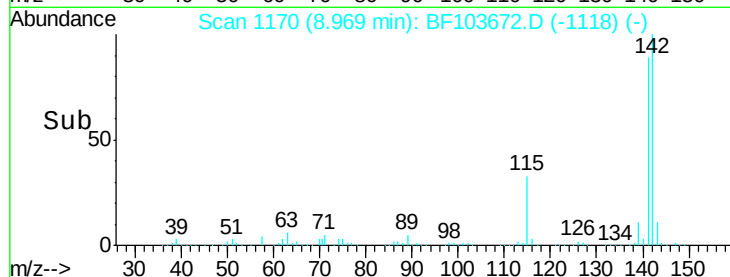
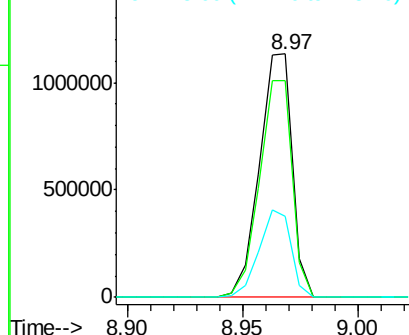
142 100

141 89.0 70.8 106.2

115 33.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

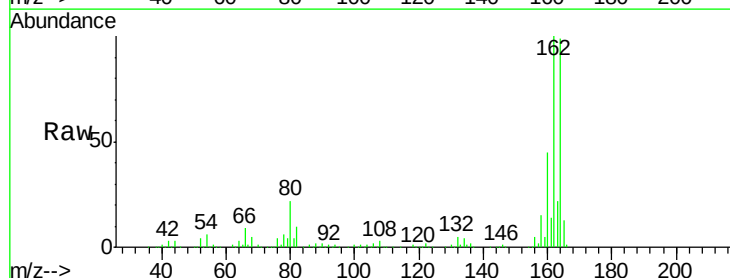
Tgt Ion:164 Resp: 298802

Ion Ratio Lower Upper

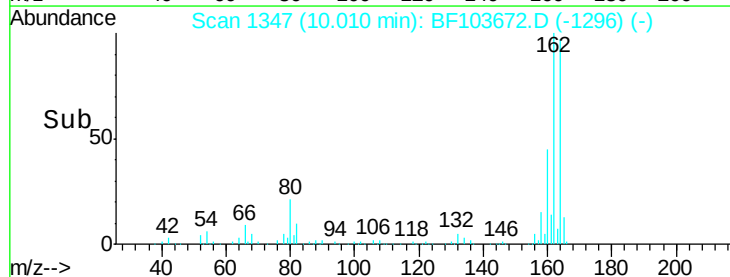
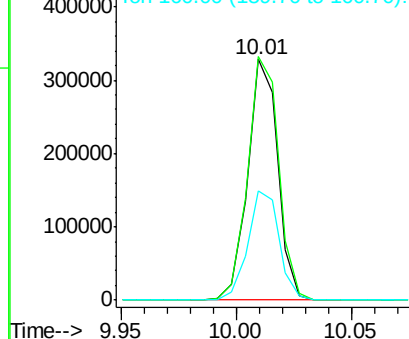
164 100

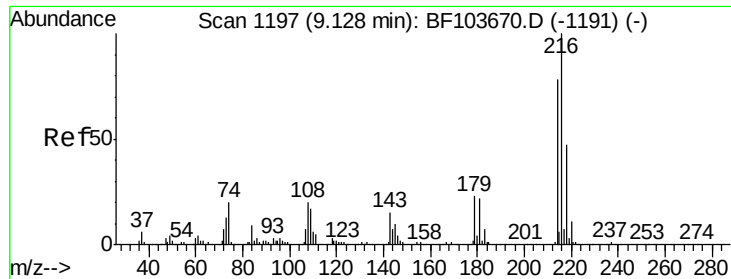
162 101.1 86.1 129.1

160 45.2 38.3 57.5



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

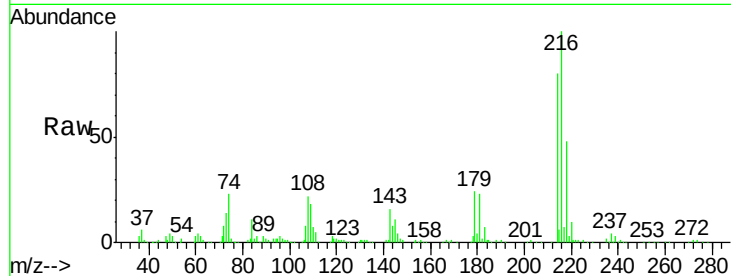




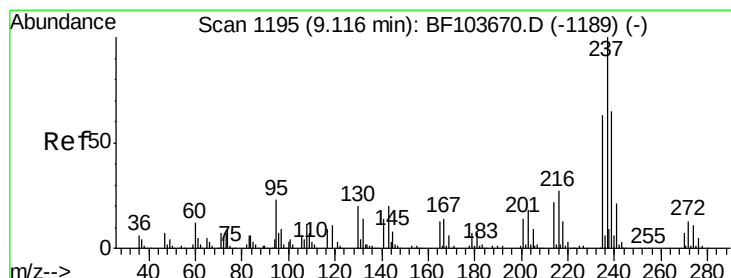
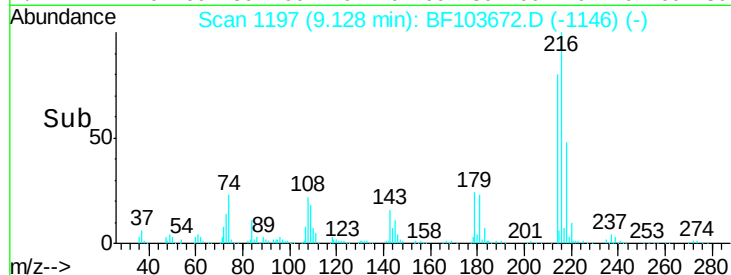
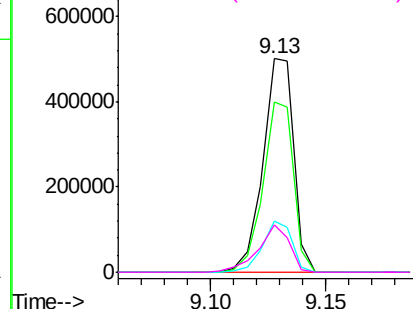
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.332 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	468329
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.0 94.4
179	22.9	18.1 27.1
108	22.6	17.2 25.8

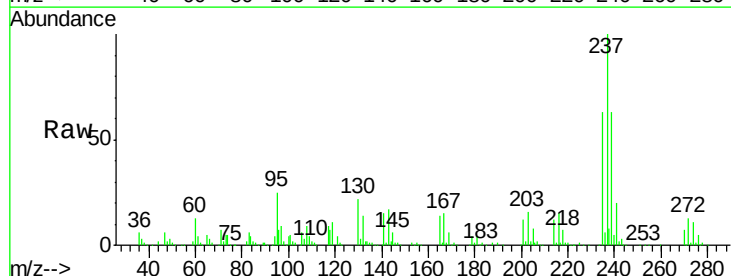


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

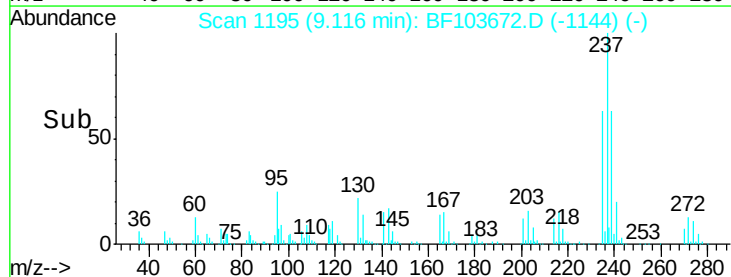
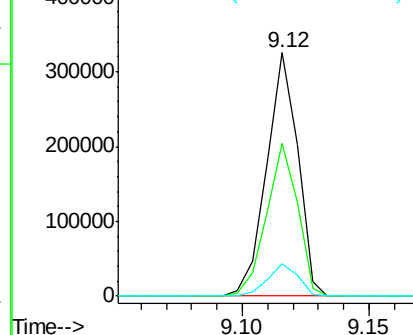


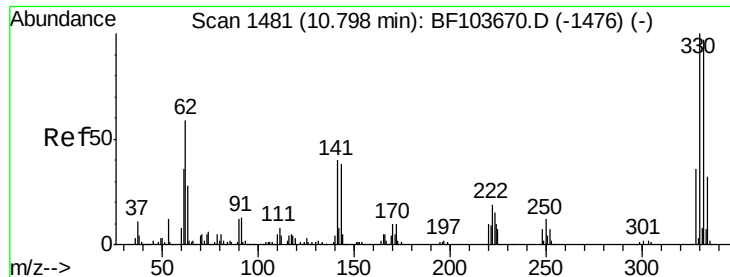
#40
 Hexachlorocyclopentadiene
 Concen: 122.368 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Tgt Ion:237	Resp:	277628
Ion Ratio	Lower	Upper
237	100	
235	62.8	44.8 84.8
272	13.4	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: 126.665 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampled :

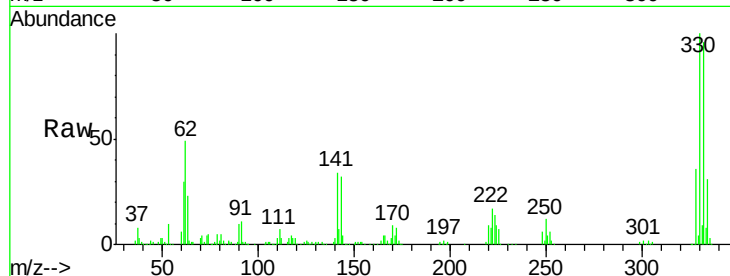
Tot Ion:330 Resp: 320360

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

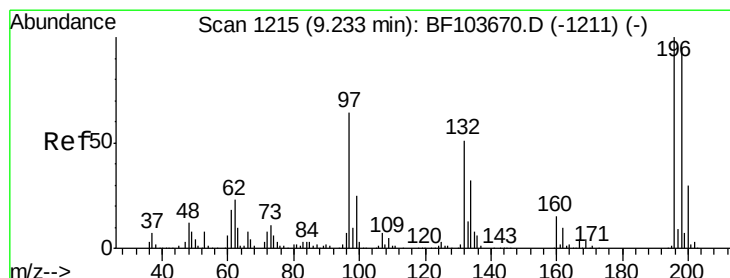
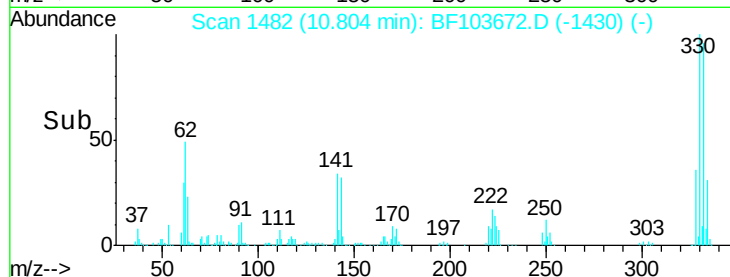
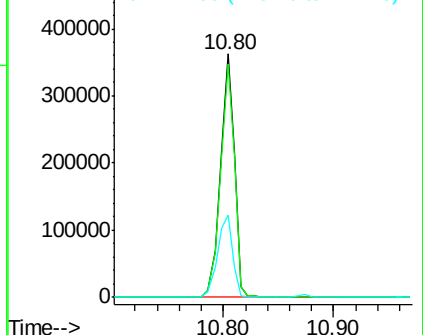
141 36.6 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 60.599 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

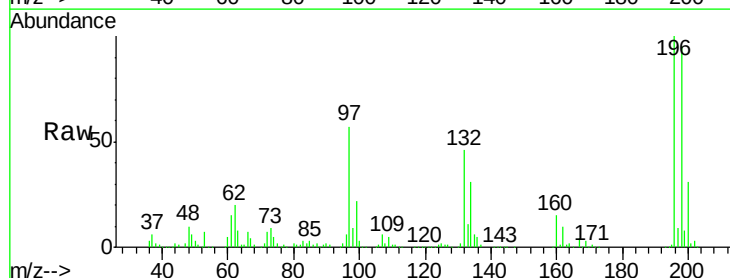
Tgt Ion:196 Resp: 333081

Ion Ratio Lower Upper

196 100

198 94.9 75.7 113.5

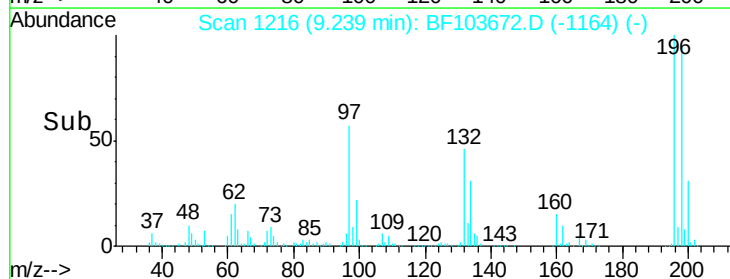
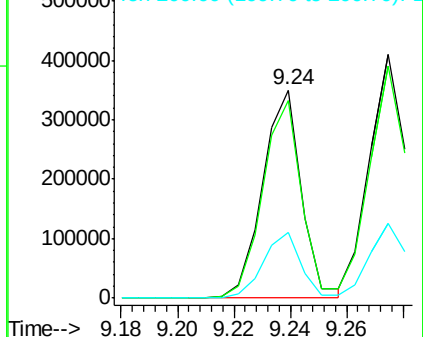
200 31.4 24.5 36.7

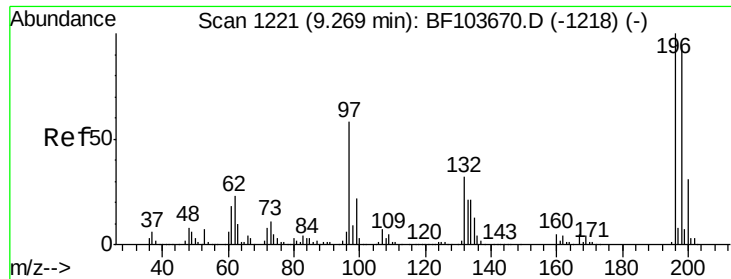


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

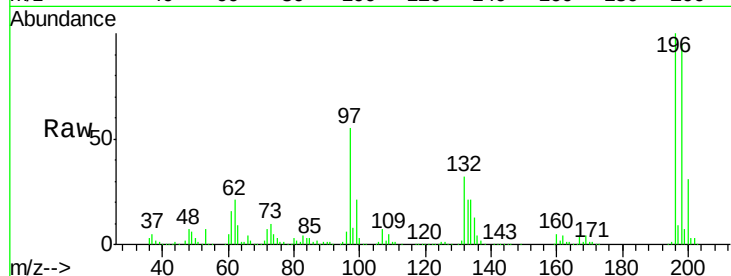




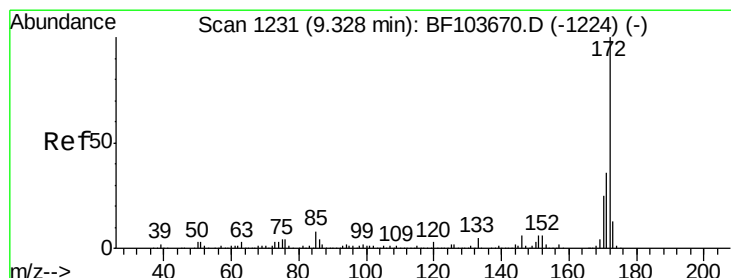
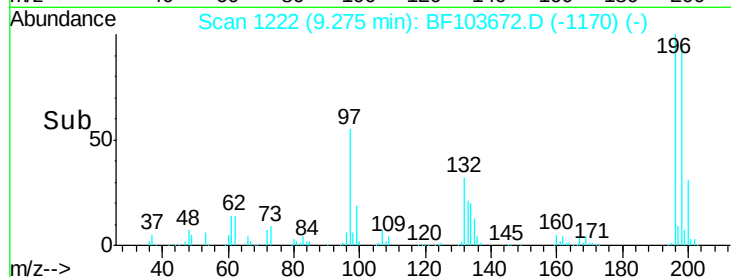
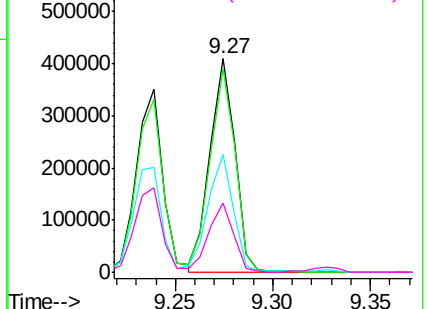
#43
 2,4,5-Trichlorophenol
 Concen: 57.876 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 365880
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.6 112.0
 97 55.0 42.9 64.3
 132 32.2 26.3 39.5

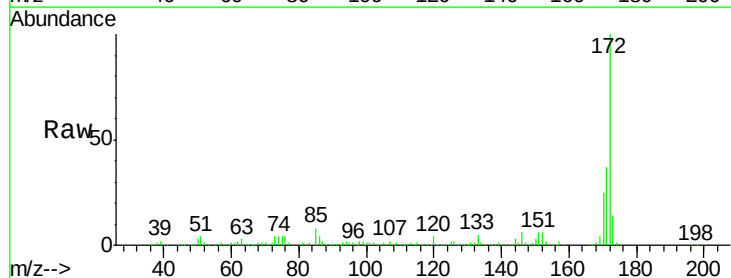


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

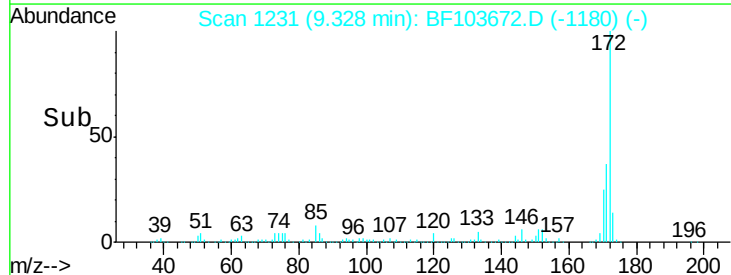
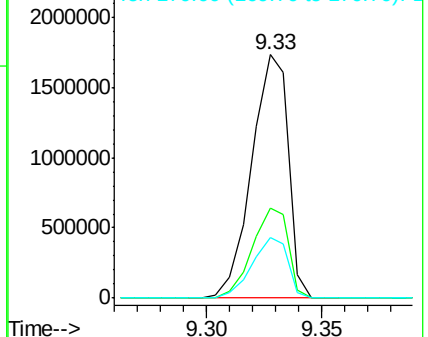


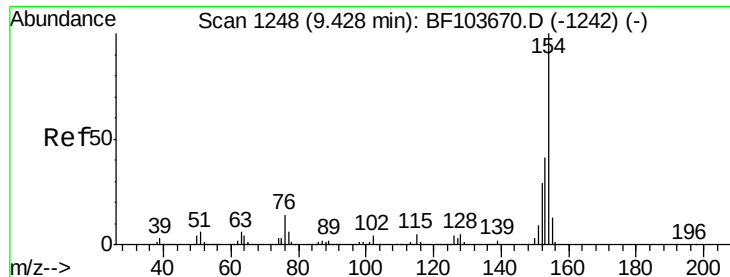
#44
 2-Fluorobiphenyl
 Concen: 108.747 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Tgt Ion:172 Resp: 1911489
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 25.1 19.6 29.4



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

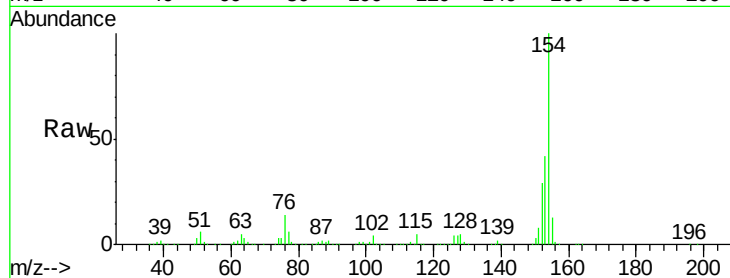




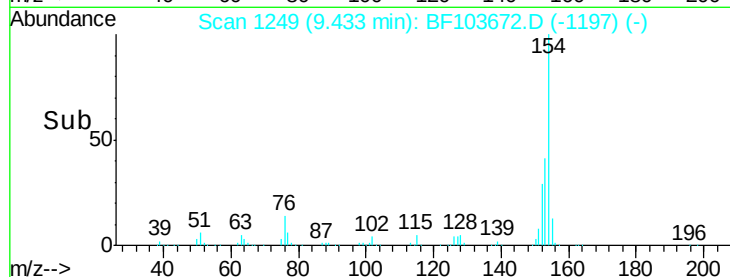
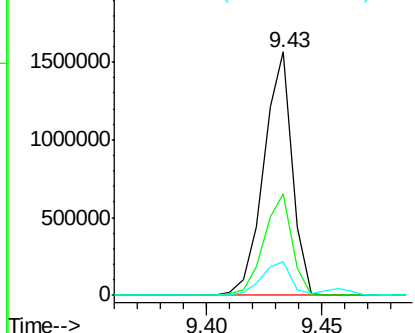
#45
 1,1'-Biphenyl
 Concen: 53.421 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1337571
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 14.0 0.0 34.0

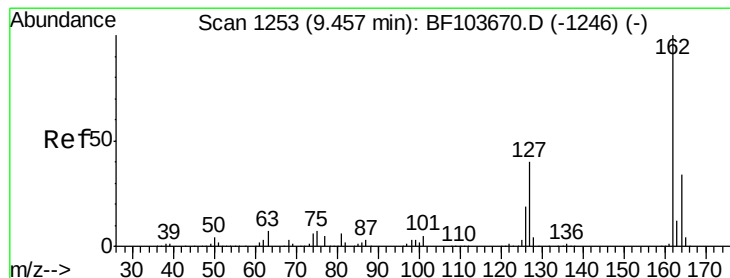


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

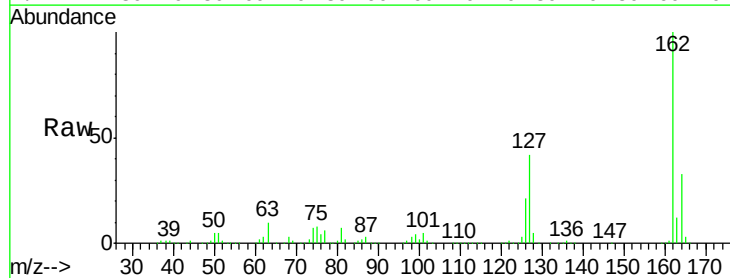
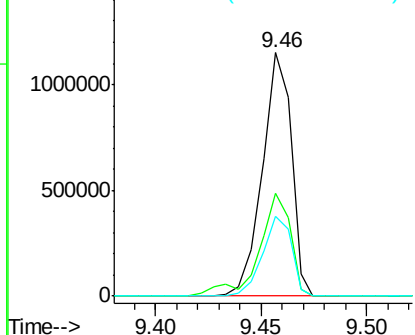


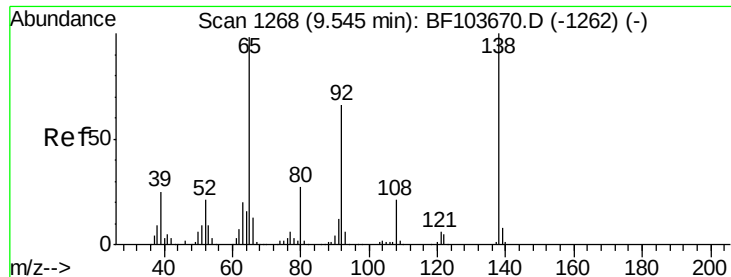
#46
 2-Chloronaphthalene
 Concen: 55.449 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Tgt Ion:162 Resp: 1098355
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.9 50.9
 164 32.6 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: 43.763 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

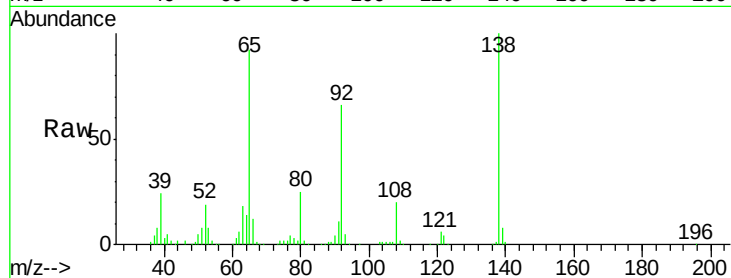
Tot Ion: 65 Resp: 321111

Ion Ratio Lower Upper

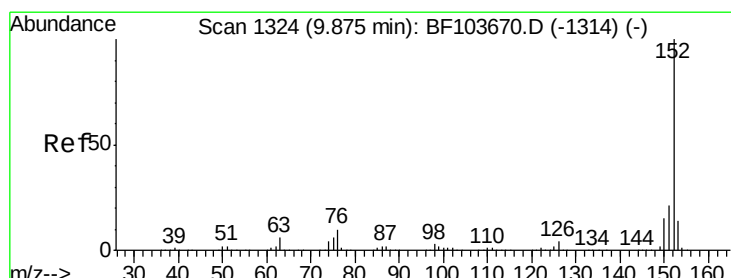
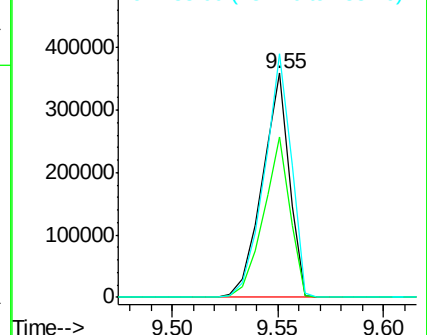
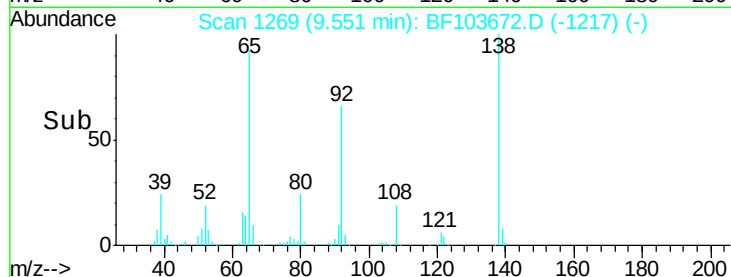
65 100

92 71.3 55.8 83.6

138 108.6 91.2 136.8



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



#48

Acenaphthylene

Concen: 55.346 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

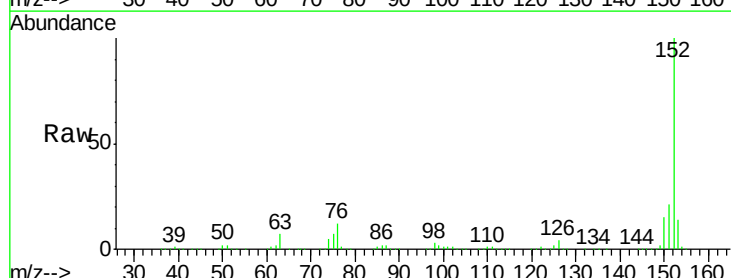
Tgt Ion: 152 Resp: 1686799

Ion Ratio Lower Upper

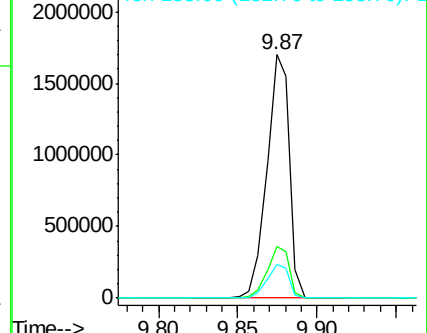
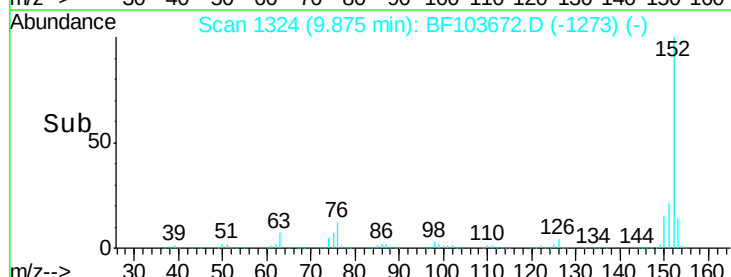
152 100

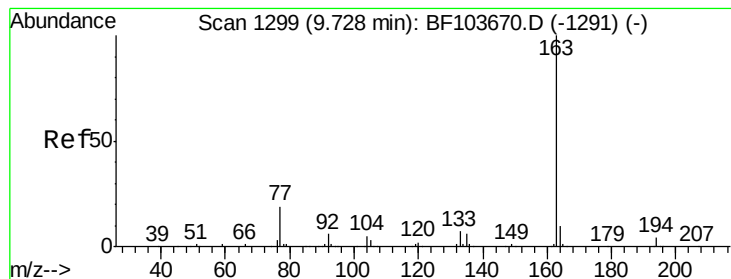
151 21.0 16.3 24.5

153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 52.639 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

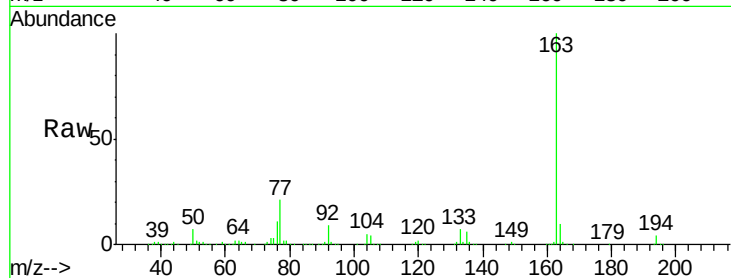
Tot Ion:163 Resp: 1261783

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

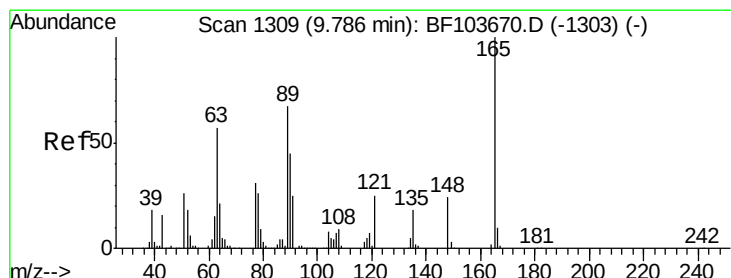
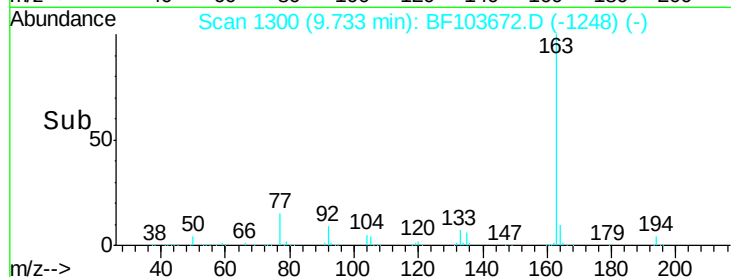
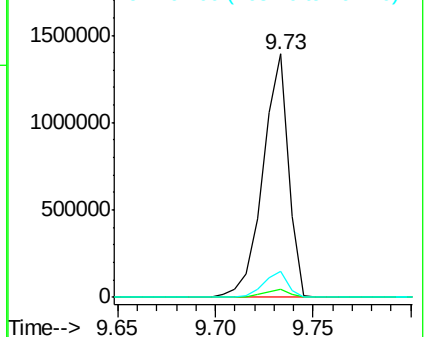
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 54.789 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

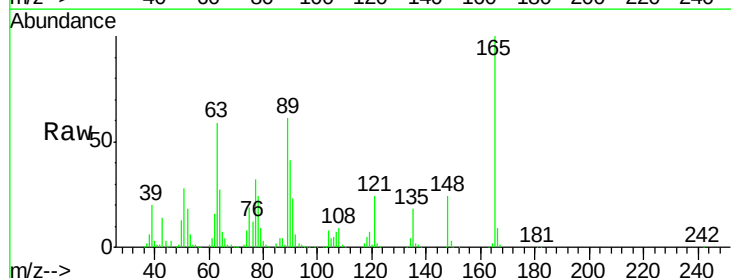
Tgt Ion:165 Resp: 275603

Ion Ratio Lower Upper

165 100

63 59.4 44.7 67.1

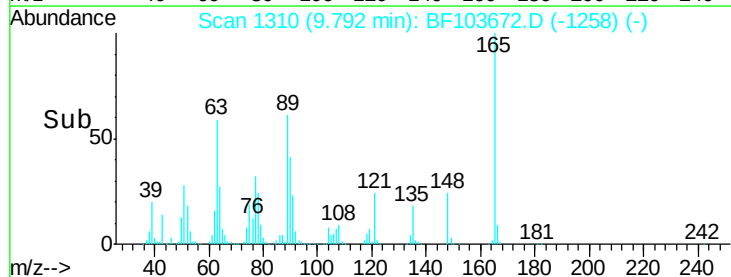
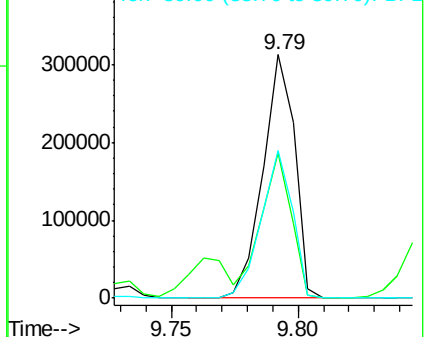
89 60.8 44.0 66.0

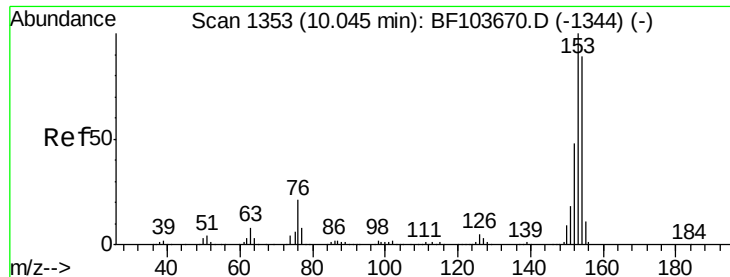


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 56.753 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampled :

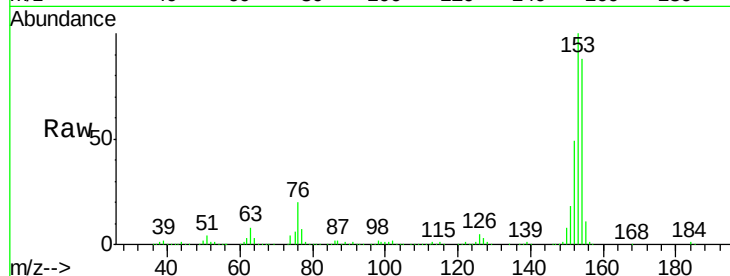
Tot Ion:154 Resp: 1008600

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

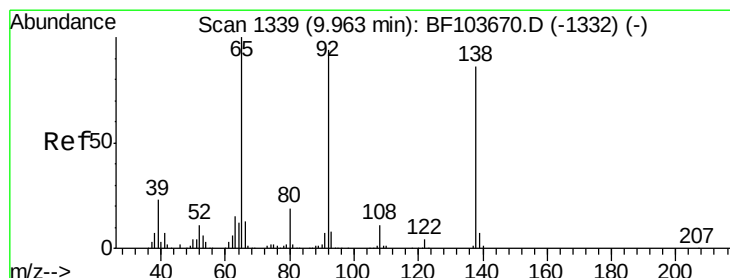
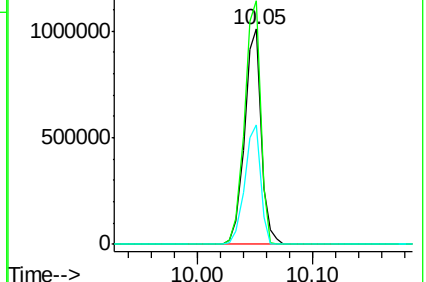
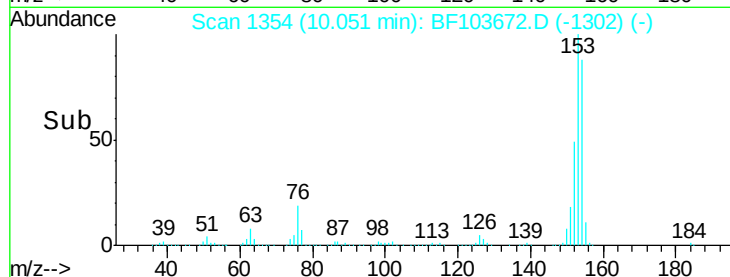
152 55.4 43.8 65.8



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: 50.634 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

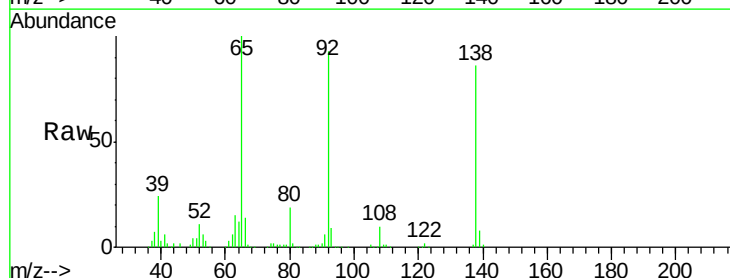
Tgt Ion:138 Resp: 323149

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

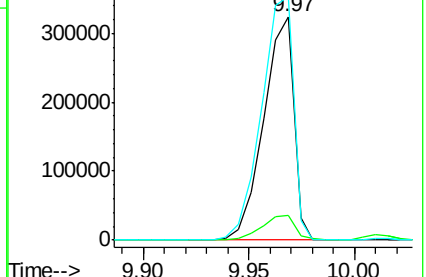
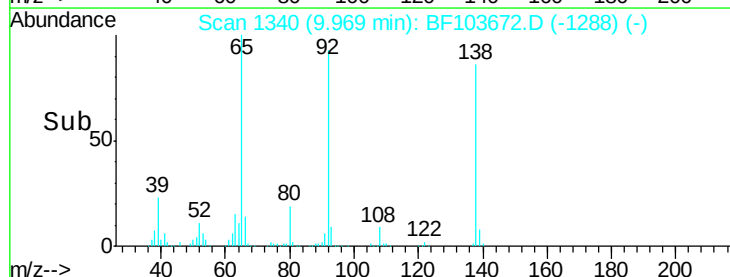
92 108.8 89.4 134.2

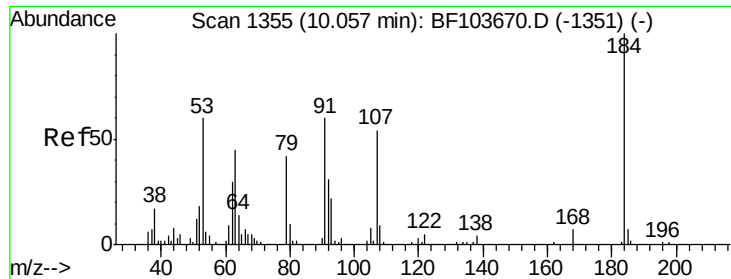


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

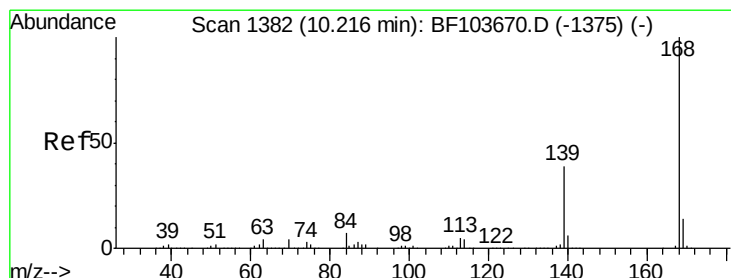
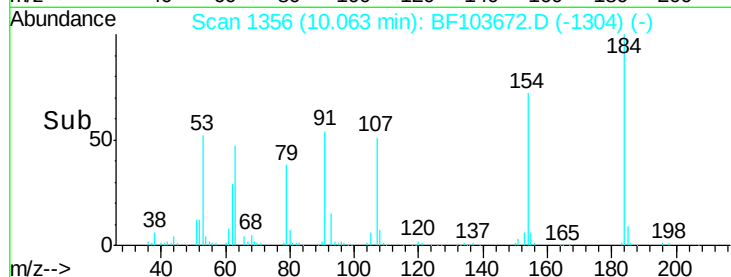
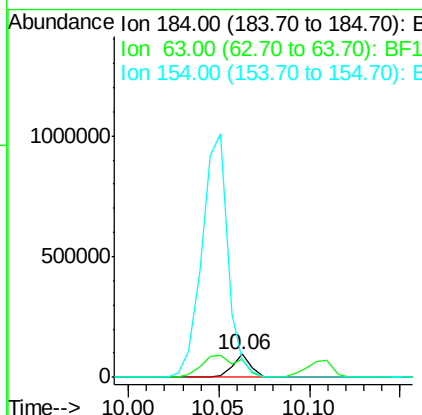
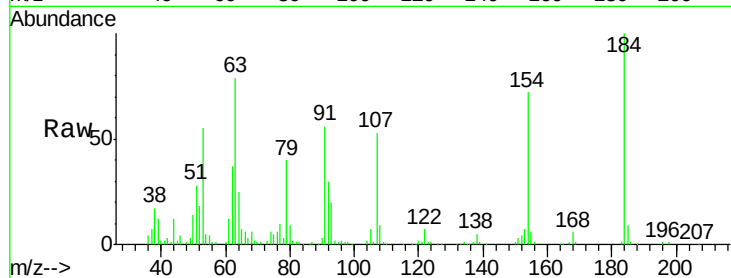




#53
2,4-Dinitrophenol
Concen: 48.214 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

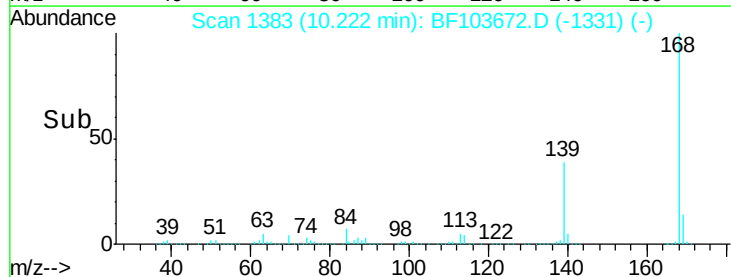
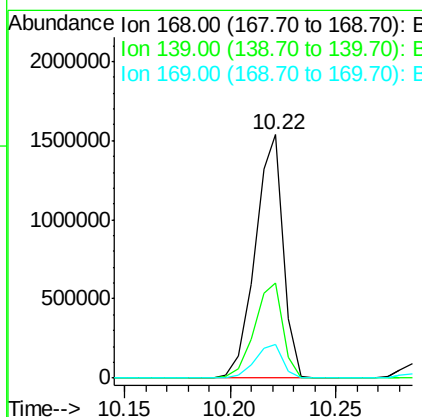
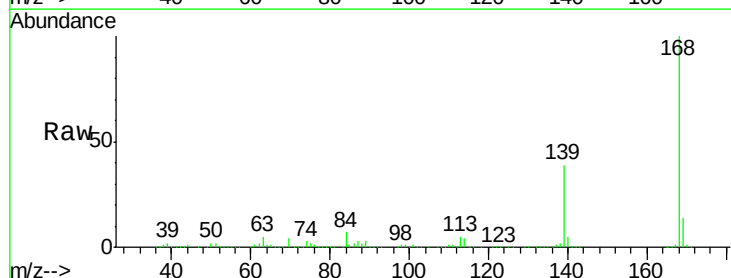
Instrument :
BNA_F
ClientSampled :

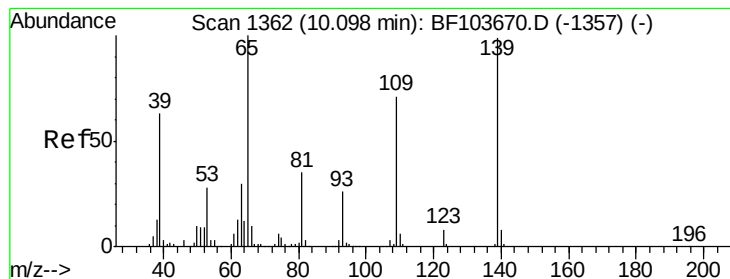
Tot Ion:184 Resp: 67369
Ion Ratio Lower Upper
184 100
63 79.0 54.2 81.2
154 71.6 184.0 276.0#



#54
Dibenzofuran
Concen: 57.764 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion:168 Resp: 1409202
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 13.8 10.9 16.3





#55

4-Nitrophenol

Concen: 62.284 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

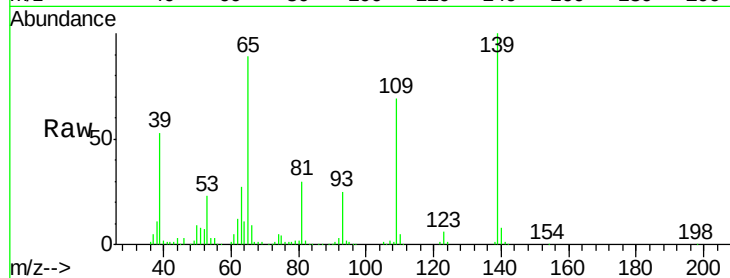
Tot Ion:139 Resp: 246358

Ion Ratio Lower Upper

139 100

109 69.0 48.4 88.4

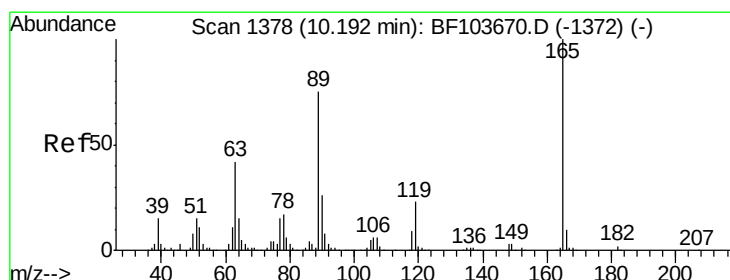
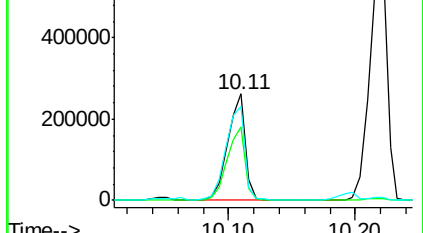
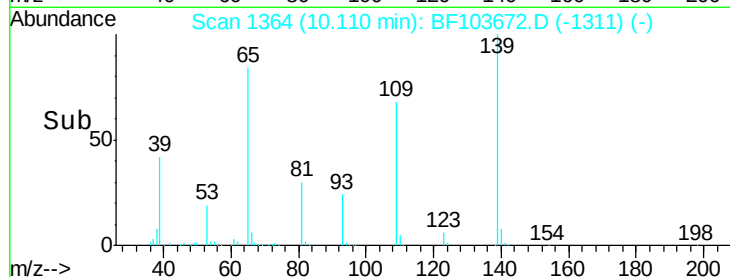
65 88.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 54.335 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Tgt Ion:165 Resp: 345673

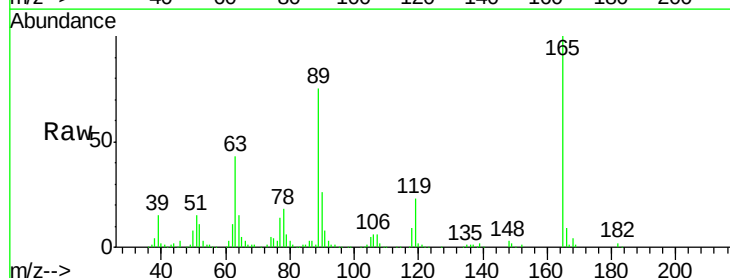
Ion Ratio Lower Upper

165 100

63 43.3 36.4 54.6

89 74.9 57.8 86.6

182 2.3 1.6 2.4

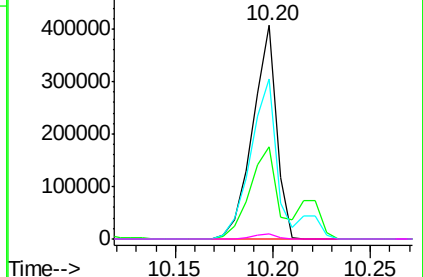
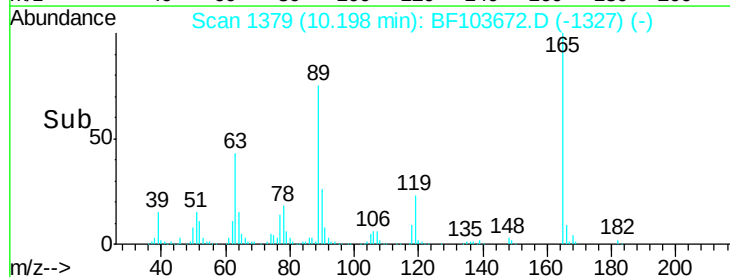


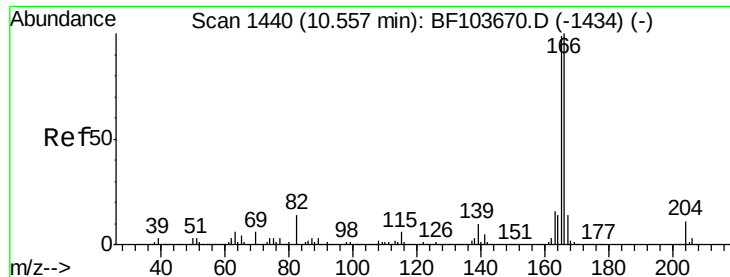
Abundance Ion 165.00 (164.70 to 165.70): E

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

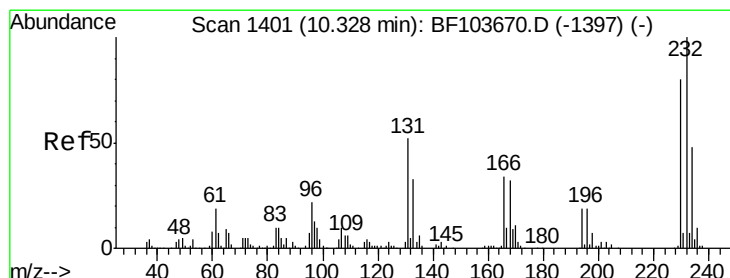
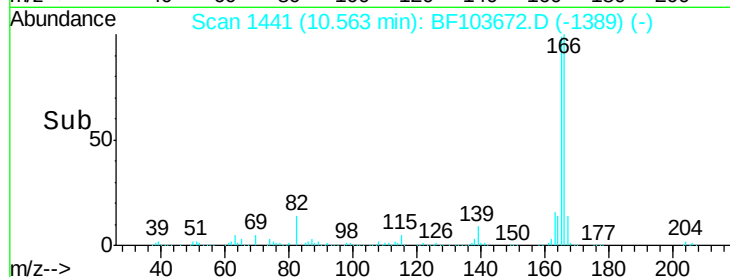
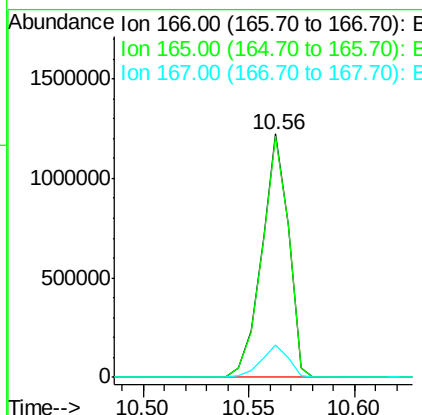
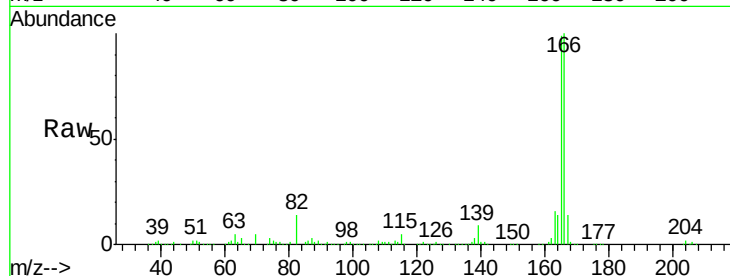




#57
 Fluorene
 Concen: 51.563 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

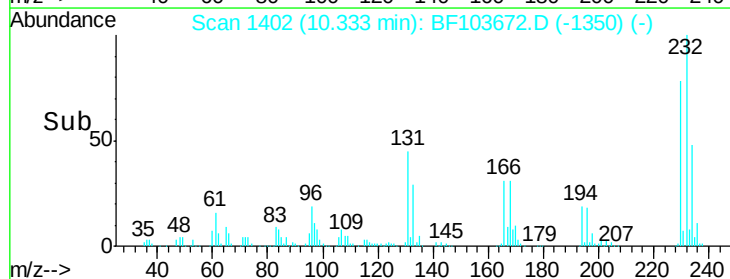
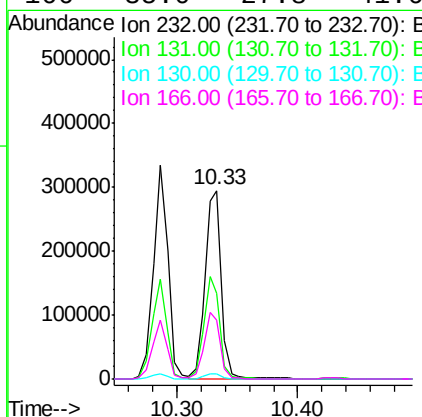
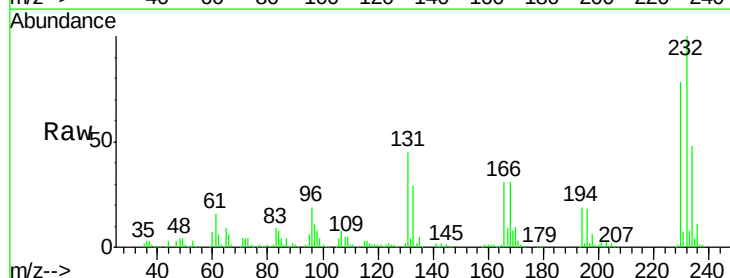
Instrument :
 BNA_F
 ClientSampleId :

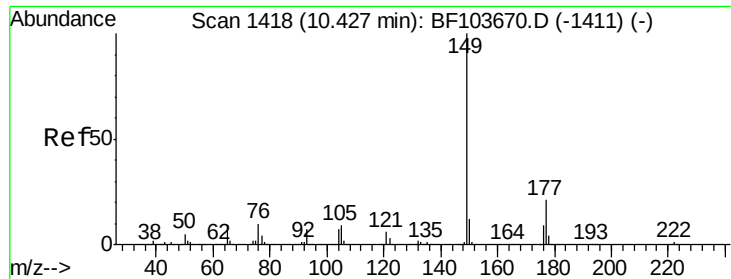
Tot Ion:166 Resp: 1071589
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 64.190 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Tgt Ion:232 Resp: 272597
 Ion Ratio Lower Upper
 232 100
 131 52.9 43.8 65.8
 130 2.8 2.1 3.1
 166 35.0 27.8 41.6

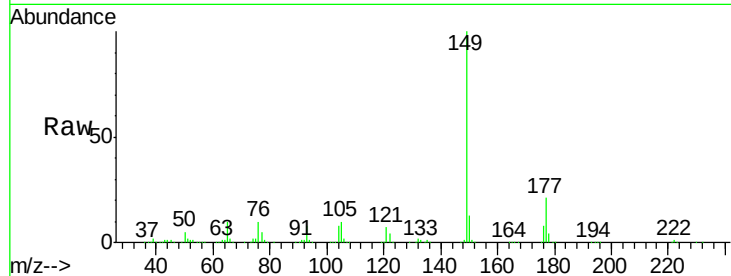




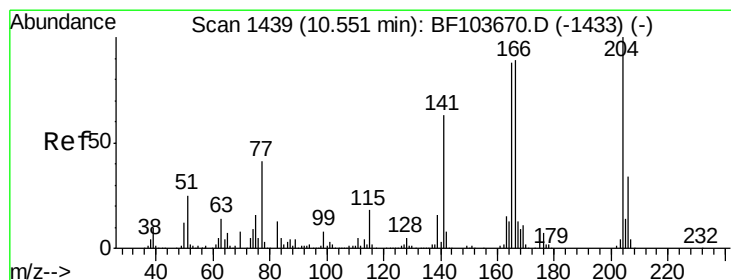
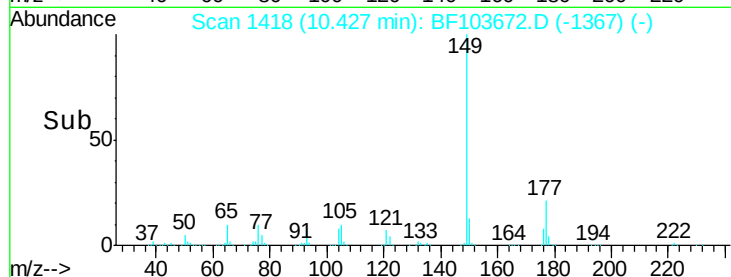
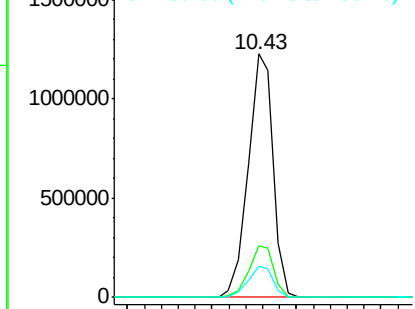
#59
Diethylphthalate
Concen: 54.941 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1259564
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.8 10.1 15.1

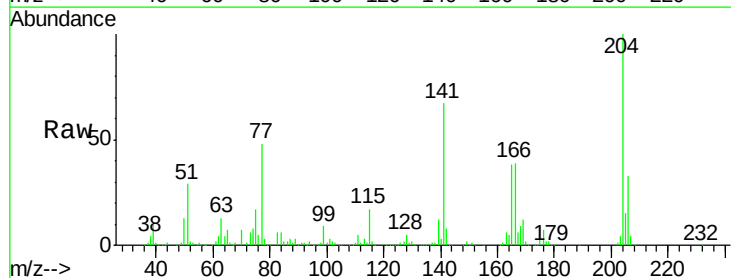


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

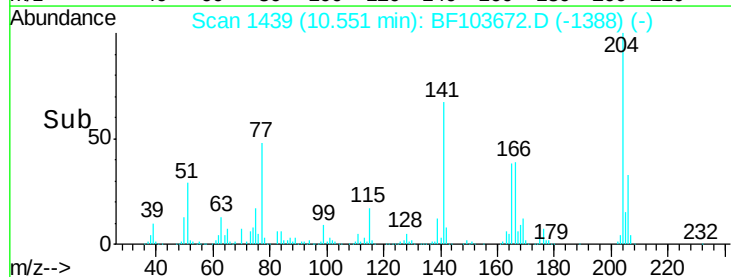
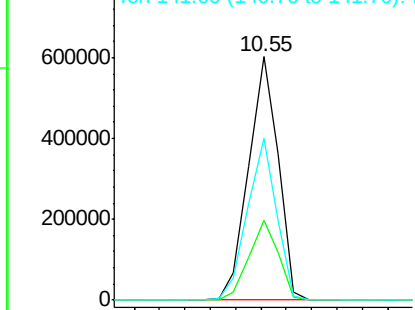


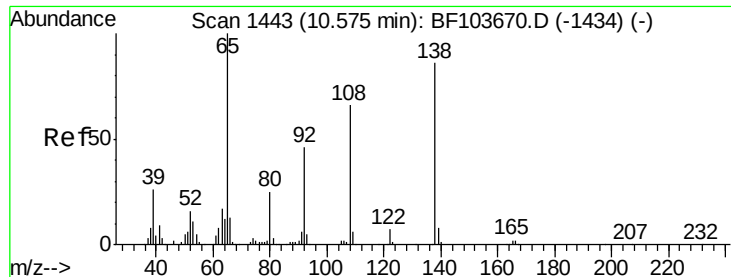
#60
4-Chlorophenyl-phenylether
Concen: 55.512 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion:204 Resp: 489224
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 66.6 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

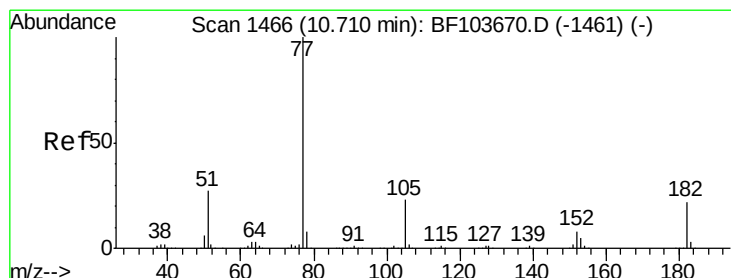
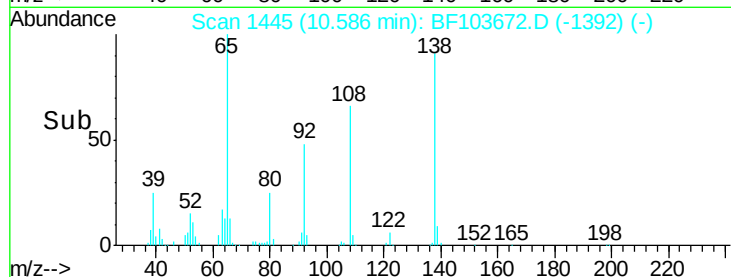
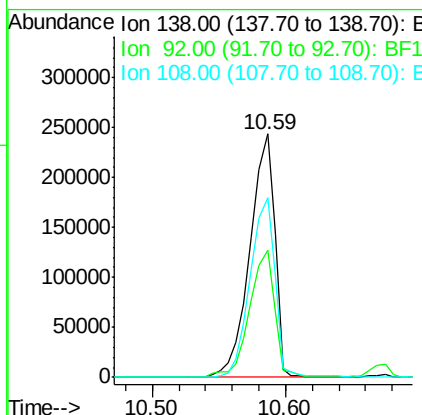
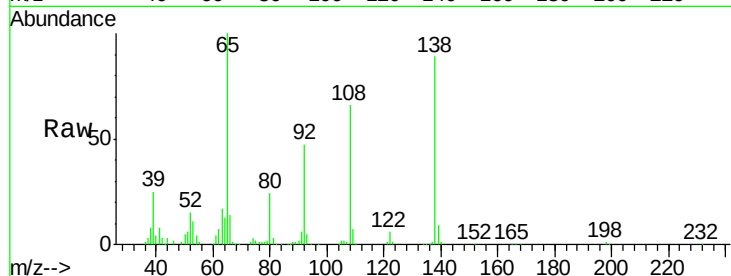




#61
4-Nitroaniline
Concen: 48.821 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

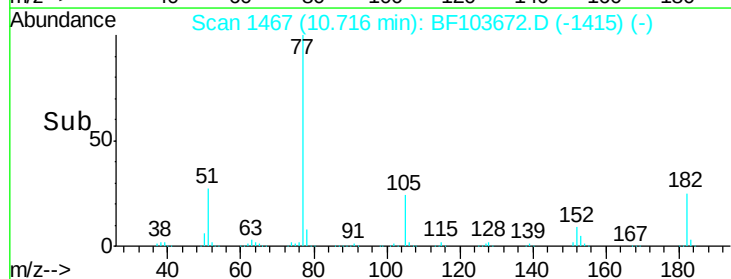
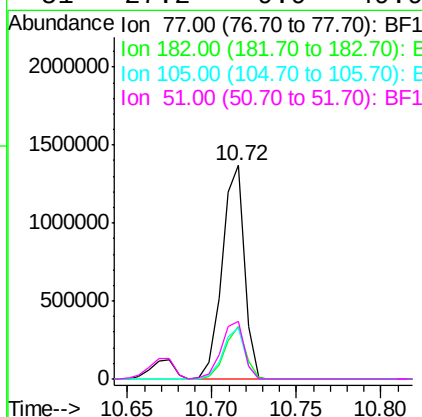
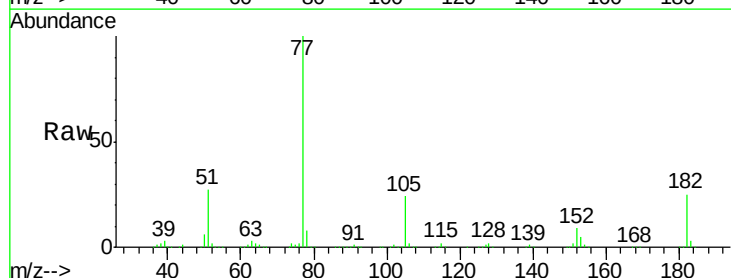
Instrument :
BNA_F
ClientSampleId :

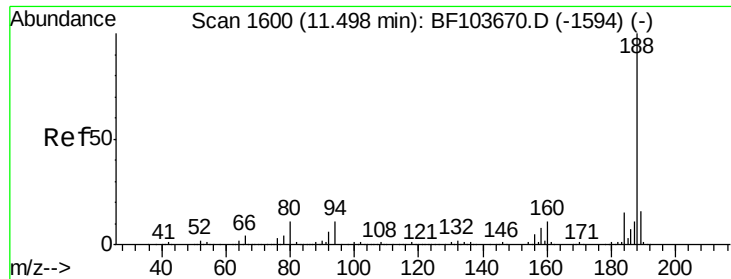
Tot Ion:138 Resp: 311208
Ion Ratio Lower Upper
138 100
92 52.3 30.2 70.2
108 73.7 52.5 92.5



#62
Azobenzene
Concen: 53.687 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion: 77 Resp: 1252829
Ion Ratio Lower Upper
77 100
182 24.6 1.7 41.7
105 24.2 3.0 43.0
51 27.2 9.9 49.9

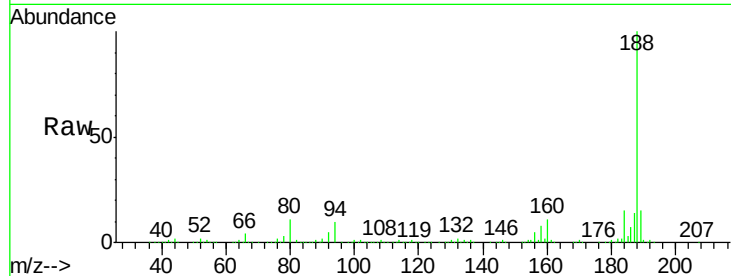




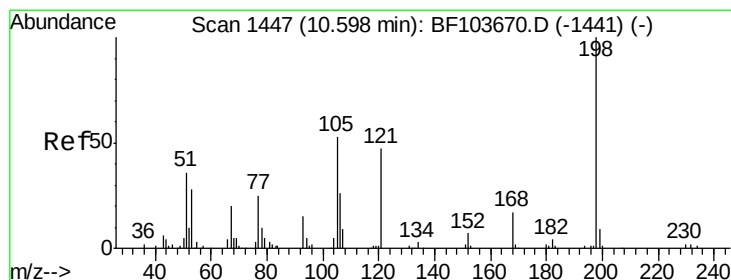
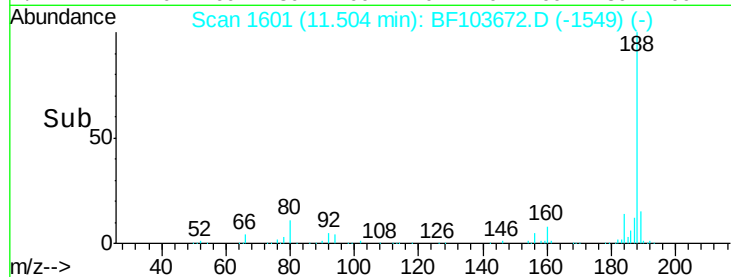
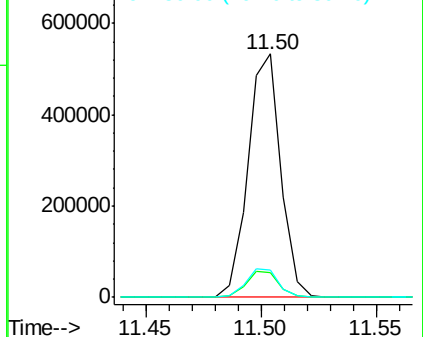
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 526419
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.2 9.2 13.8

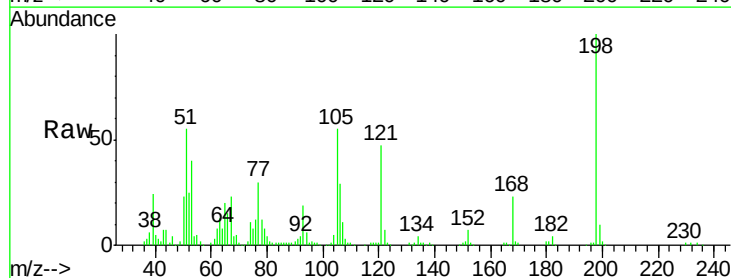


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

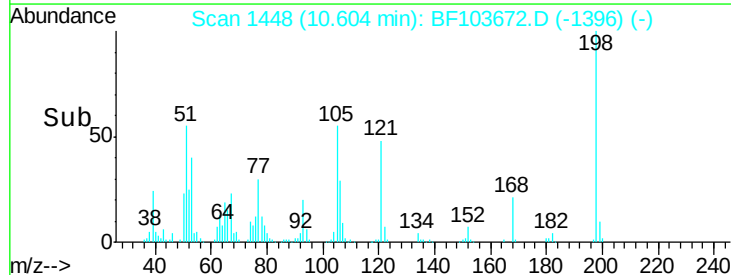
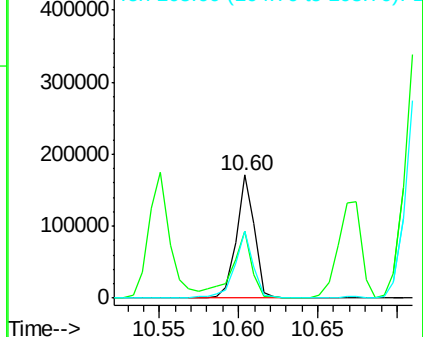


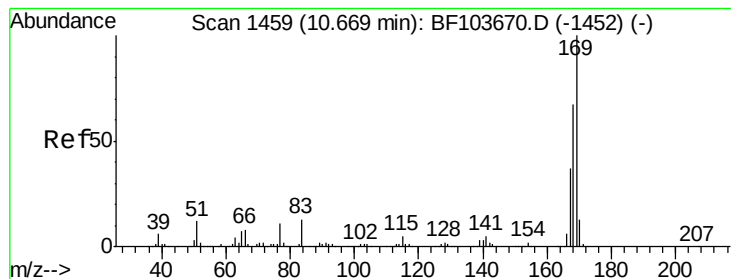
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.817 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Tgt Ion:198 Resp: 134861
 Ion Ratio Lower Upper
 198 100
 51 55.0 37.7 77.7
 105 54.8 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

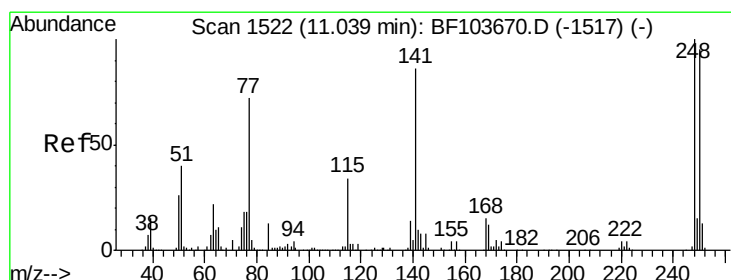
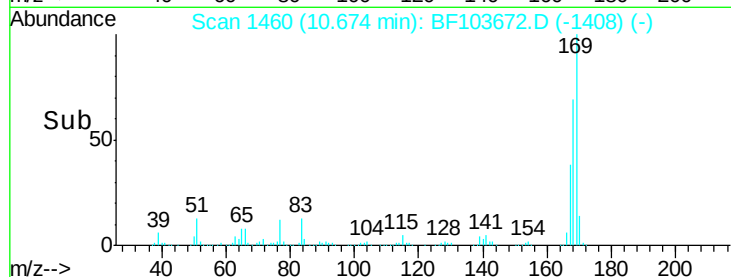
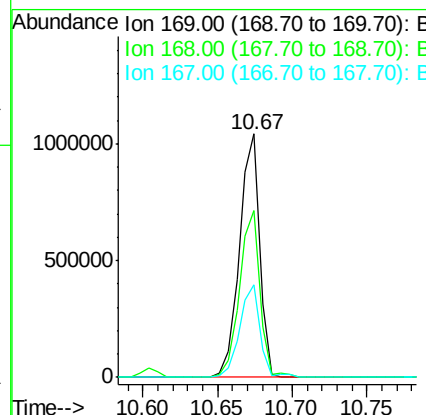
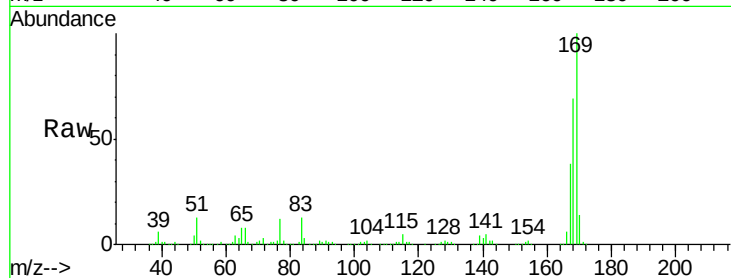




#65
 n-Nitrosodiphenylamine
 Concen: 54.081 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

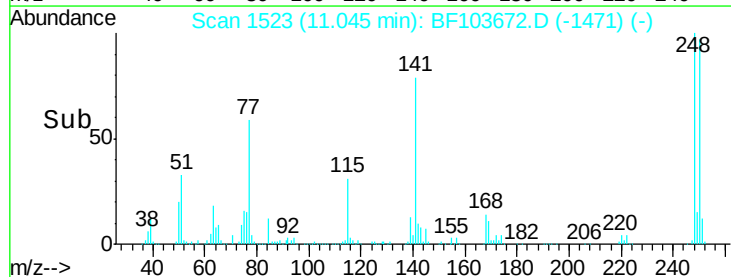
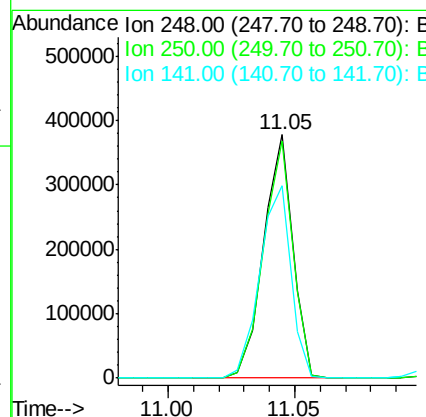
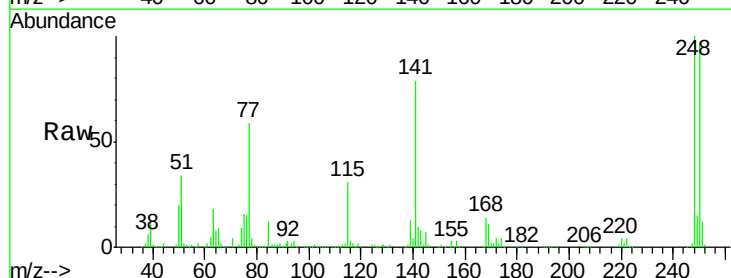
Instrument :
 BNA_F
 ClientSampleId :

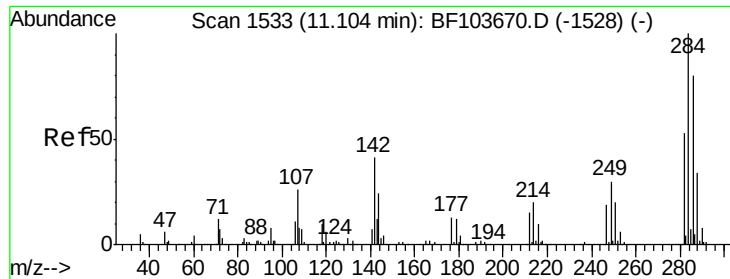
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.6	54.4	81.6
167	38.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 55.862 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	79.0	74.4	111.6

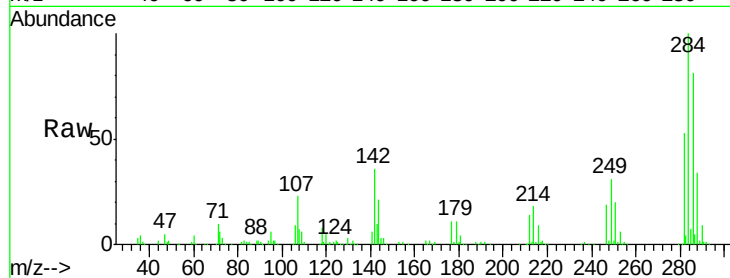




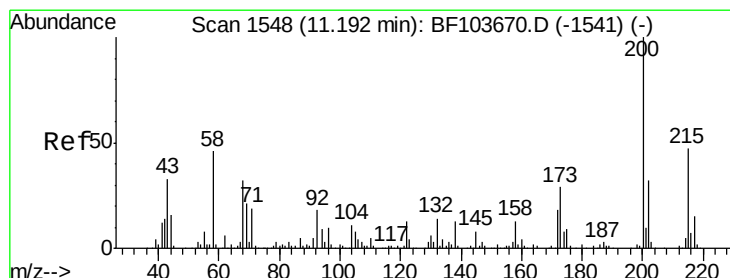
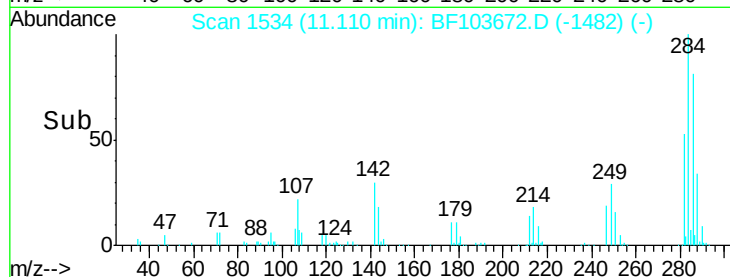
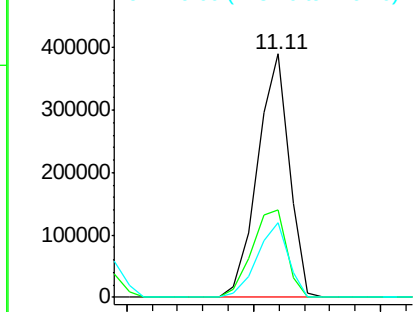
#67
Hexachlorobenzene
Concen: 57.254 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 340775
Ion Ratio Lower Upper
284 100
142 36.2 34.6 52.0
249 30.6 24.8 37.2

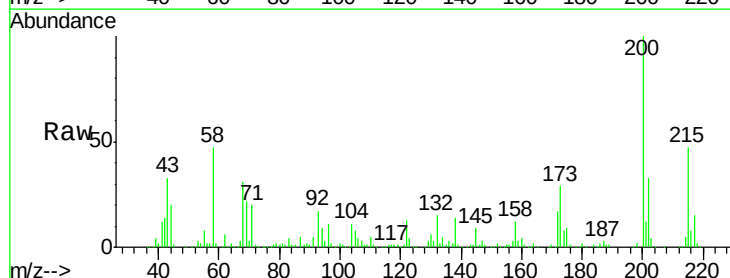


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

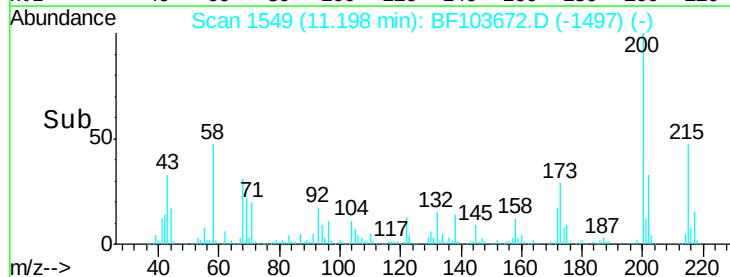
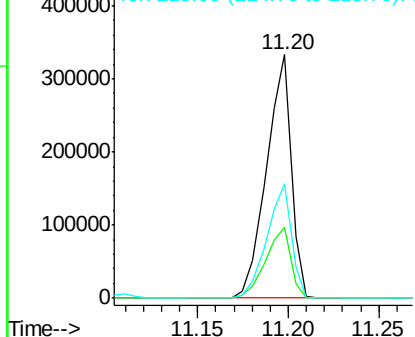


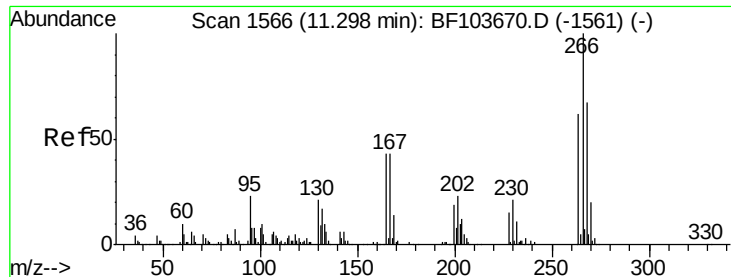
#68
Atrazine
Concen: 57.267 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion:200 Resp: 315494
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 47.0 25.1 65.1



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

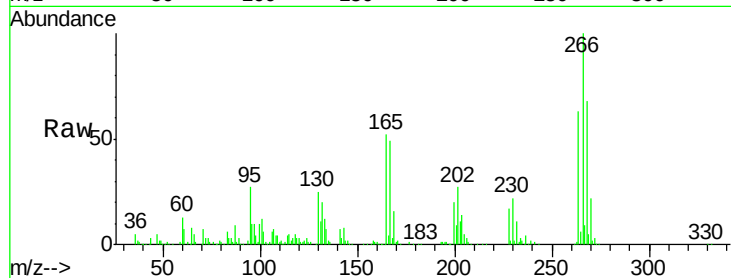




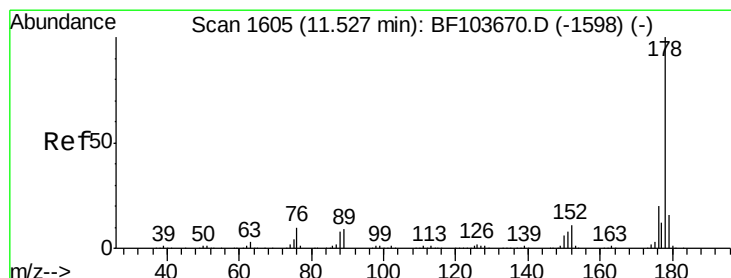
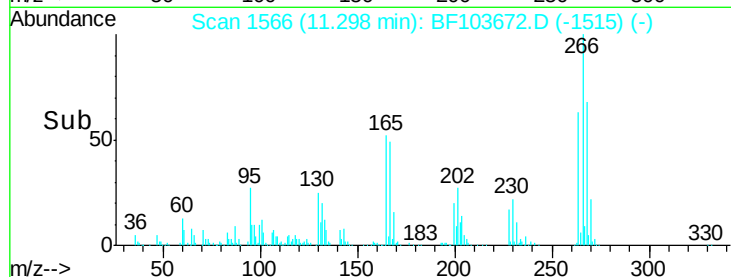
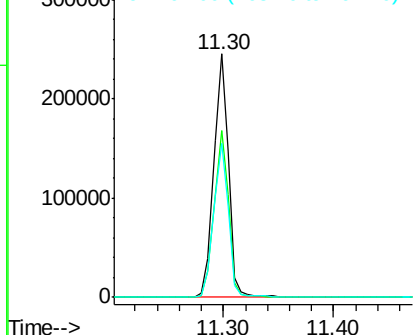
#69
 Pentachlorophenol
 Concen: 77.787 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 223864
 Ion Ratio Lower Upper
 266 100
 268 68.5 51.1 76.7
 264 63.4 49.5 74.3

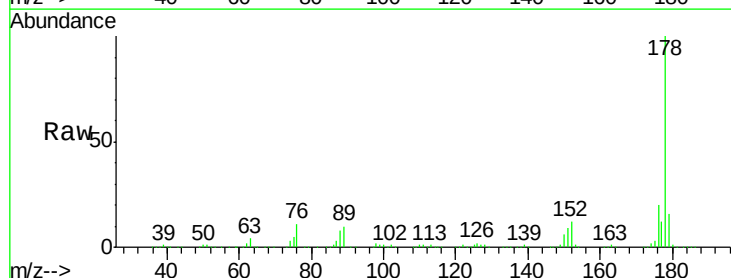


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

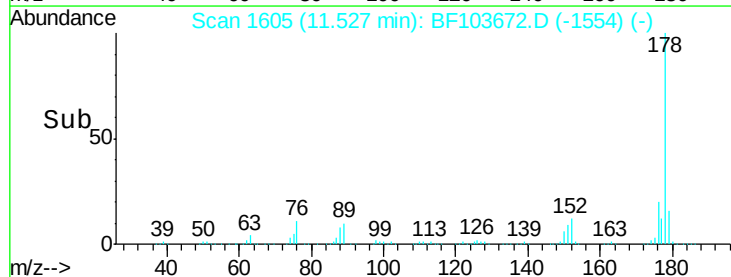
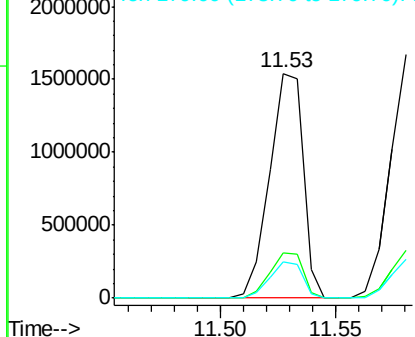


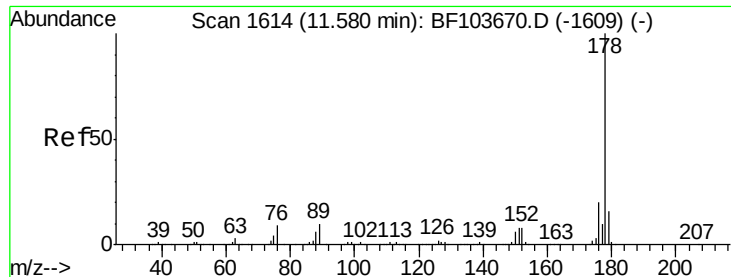
#70
 Phenanthrene
 Concen: 53.755 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Tgt Ion:178 Resp: 1557311
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 16.3 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

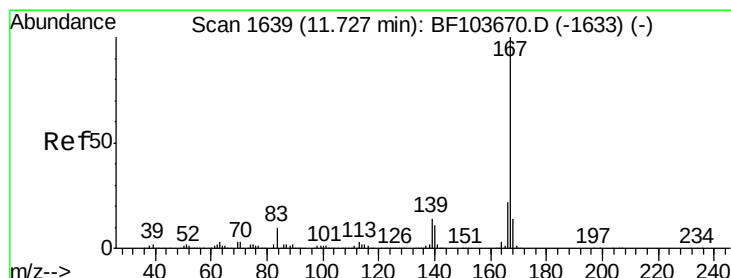
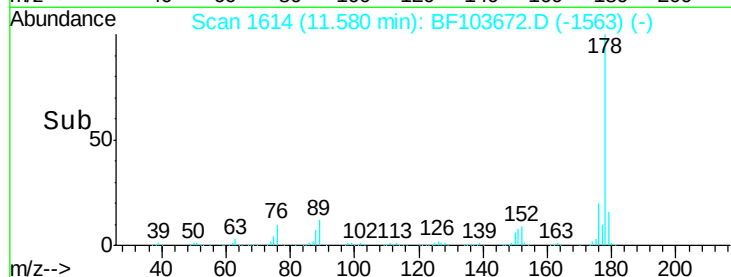
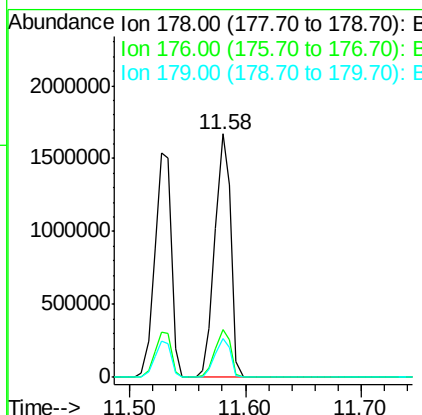
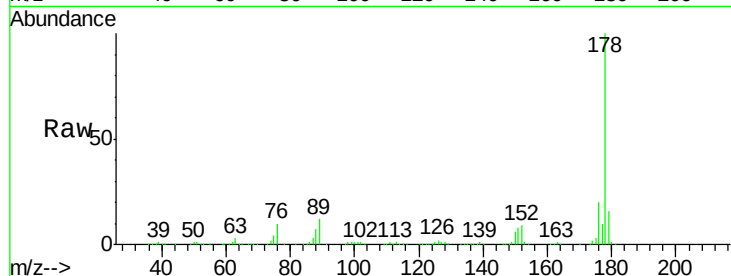




#71
 Anthracene
 Concen: 53.702 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

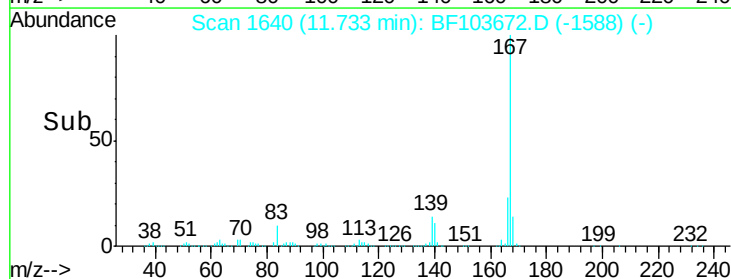
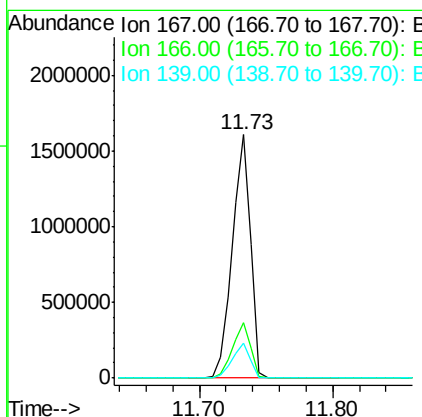
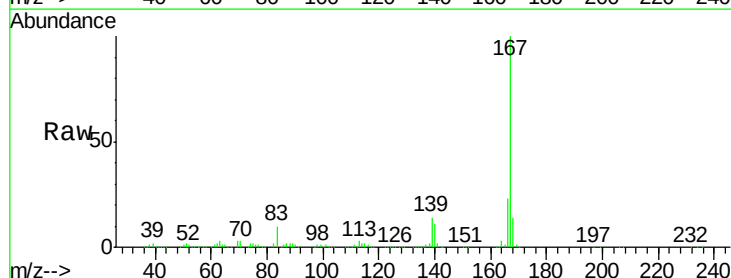
Instrument :
 BNA_F
 ClientSampleId :

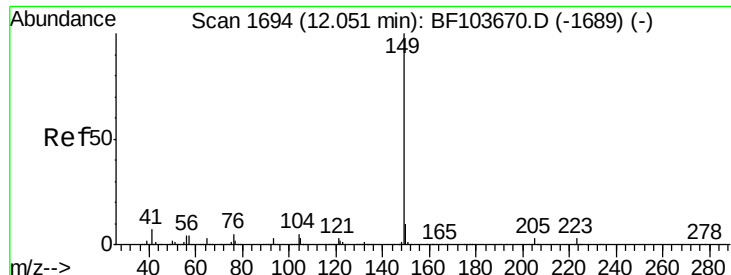
Tot Ion:178 Resp: 1595338
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 52.394 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Tgt Ion:167 Resp: 1549991
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 51.434 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

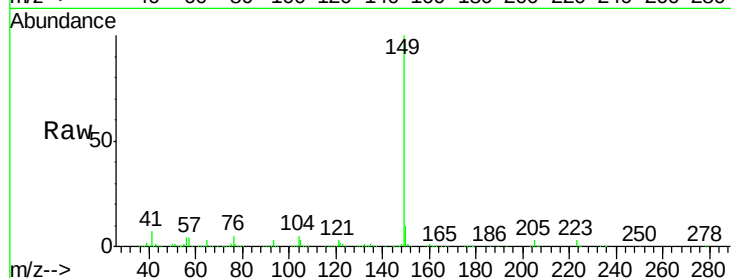
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 1903995

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.4	3.8	5.8

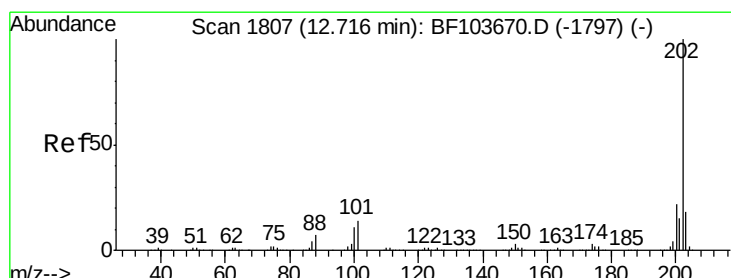
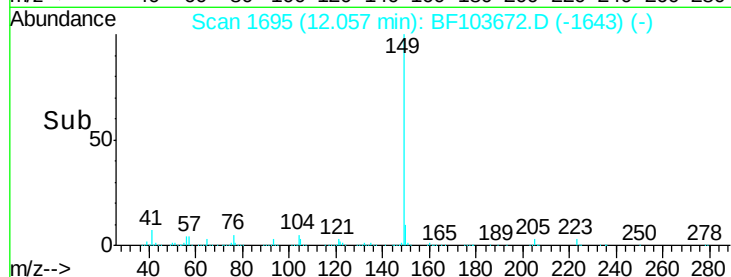
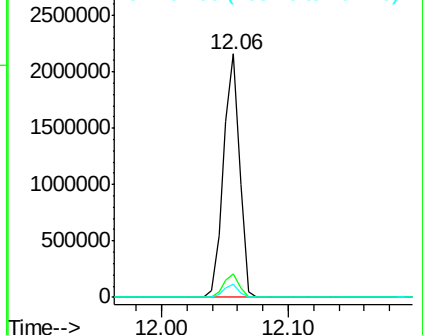


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.256 ng

RT: 12.72 min Scan# 1808

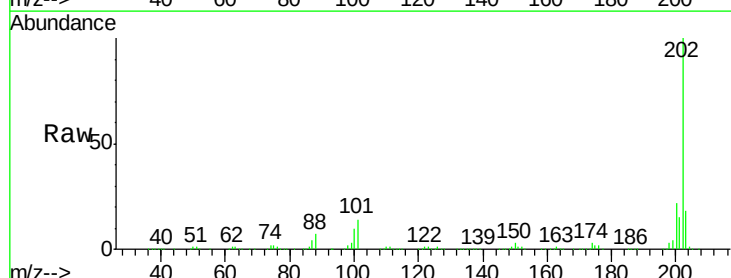
Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Tgt Ion:202 Resp: 1608619

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	17.9	0.0	38.1

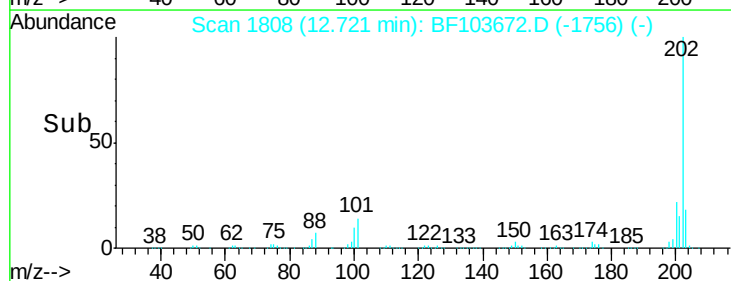
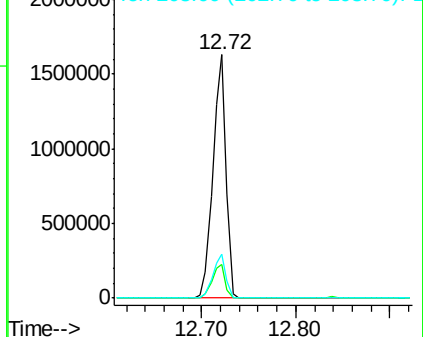


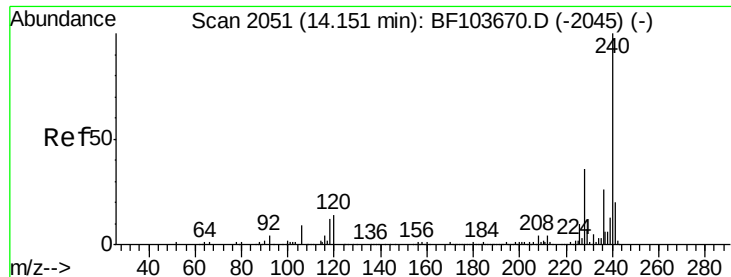
Abundance

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: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

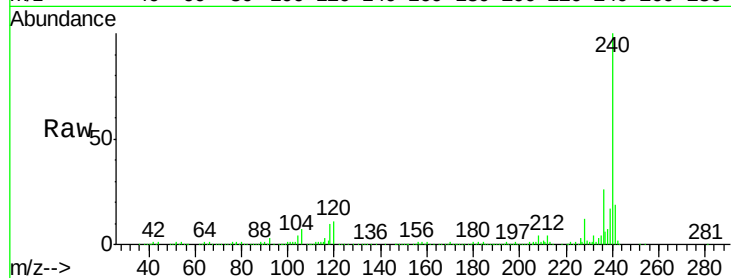
Tot Ion:240 Resp: 391020

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

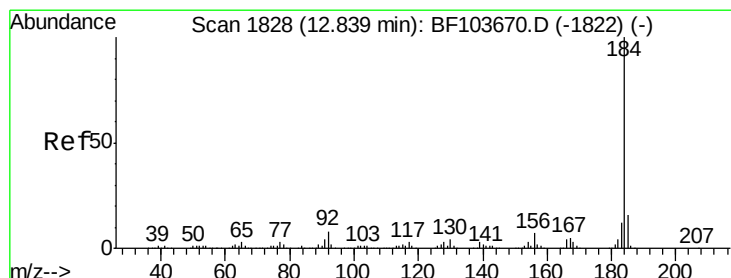
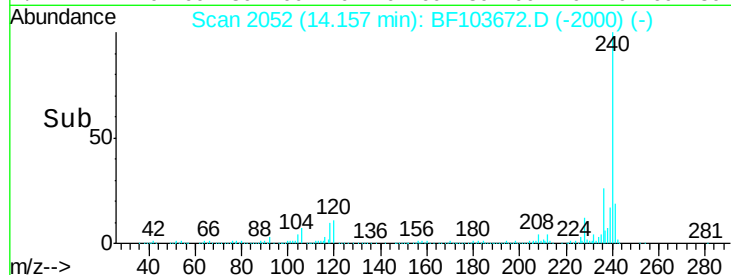
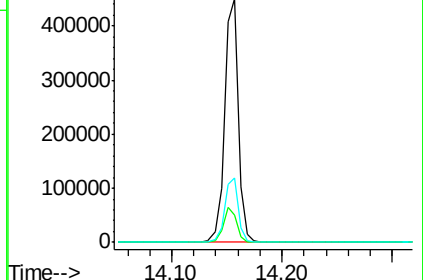
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 68.889 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

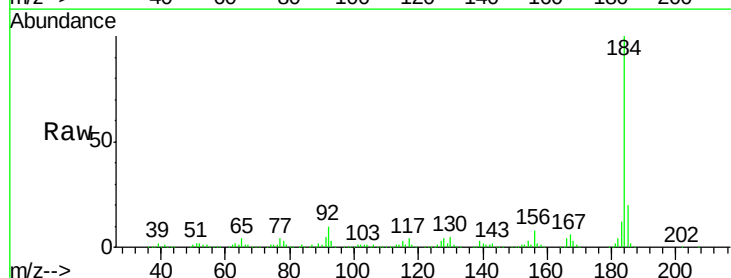
Tgt Ion:184 Resp: 1007047

Ion Ratio Lower Upper

184 100

185 19.6 12.6 18.8#

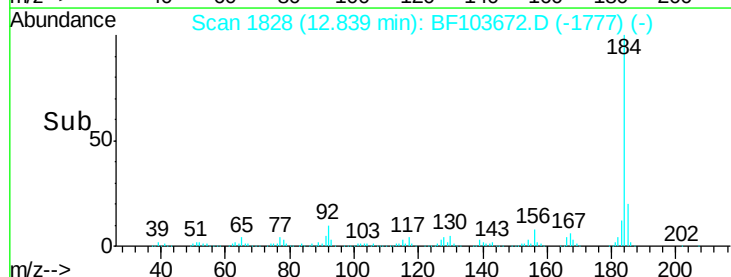
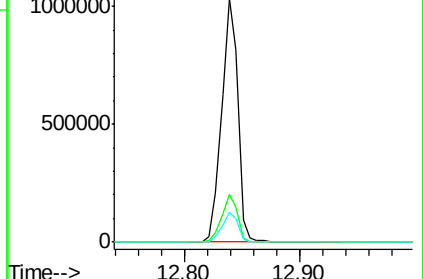
183 12.0 9.3 13.9

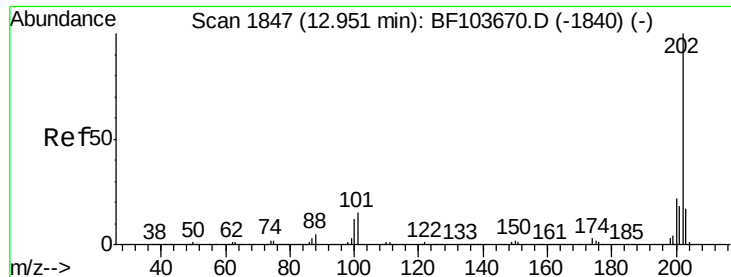


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.869 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

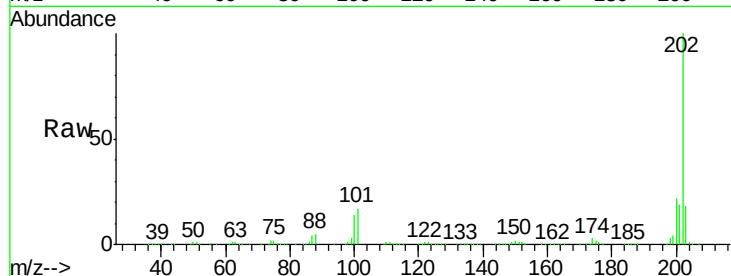
Tot Ion:202 Resp: 1672764

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

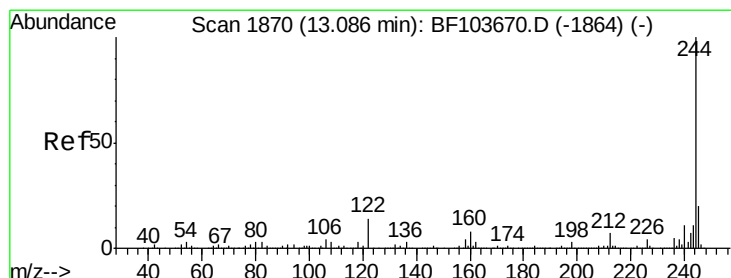
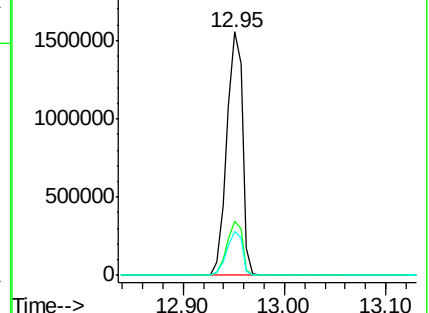
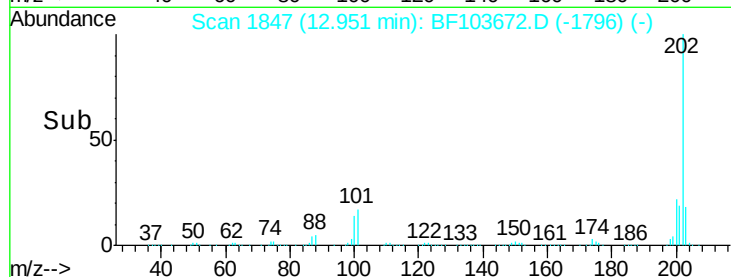
203 18.1 14.3 21.5



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: 111.302 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

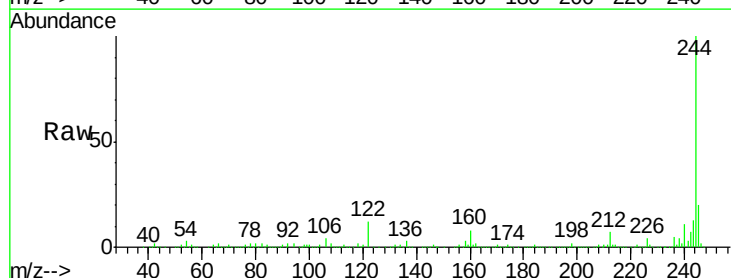
Tgt Ion:244 Resp: 1810463

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

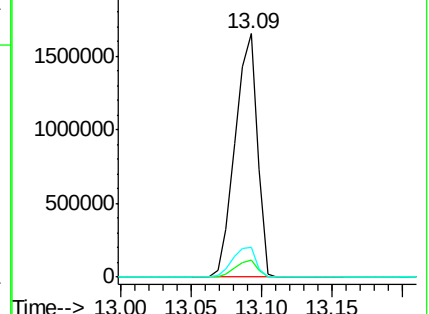
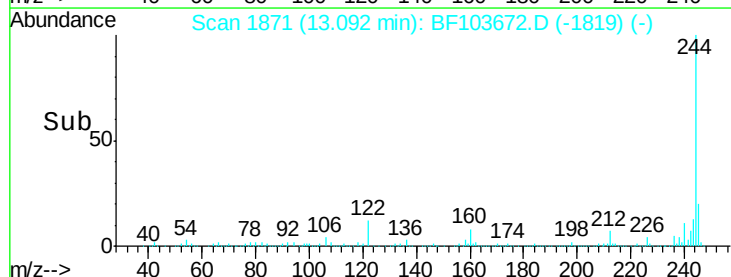
122 12.3 11.0 16.4

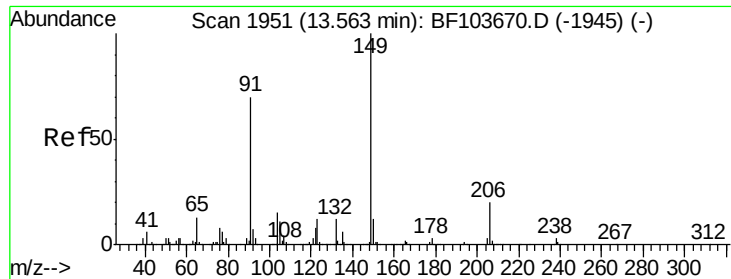


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

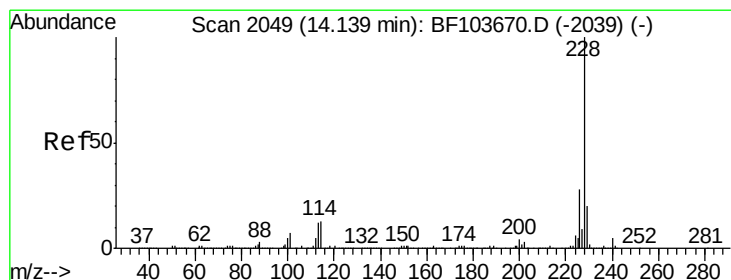
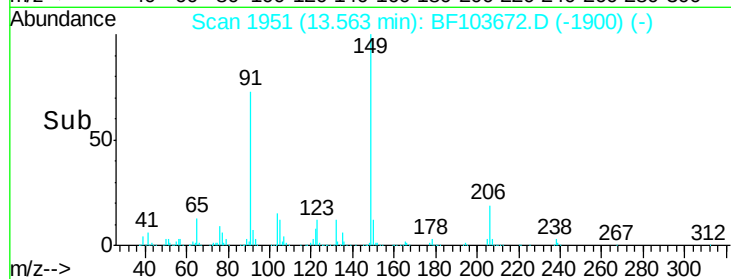
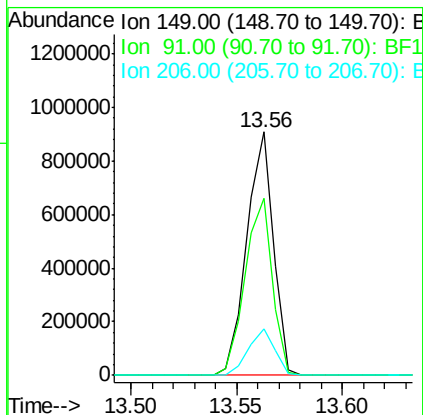
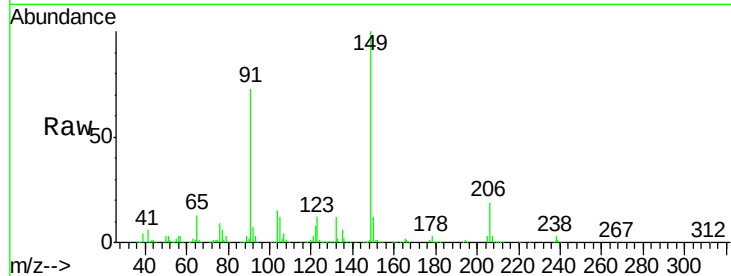




#79
Butylbenzylphthalate
Concen: 49.494 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

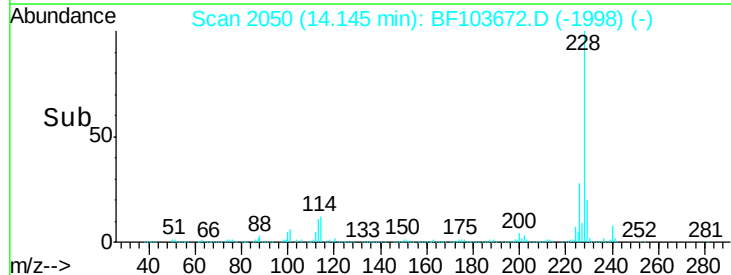
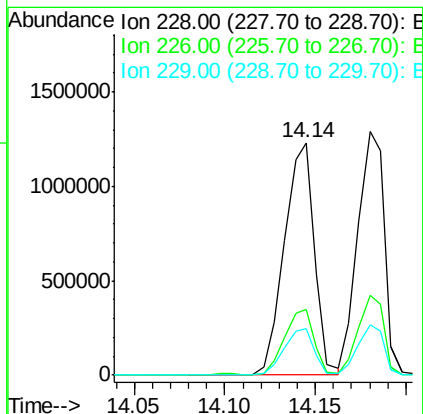
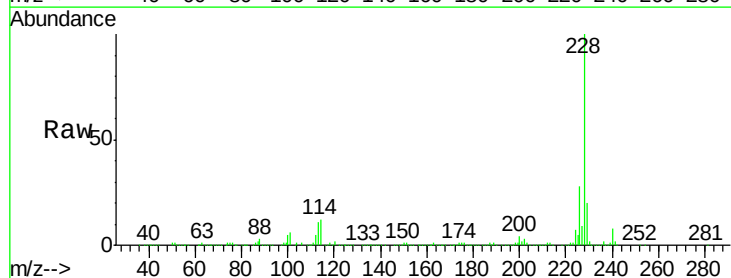
Instrument :
BNA_F
ClientSampleId :

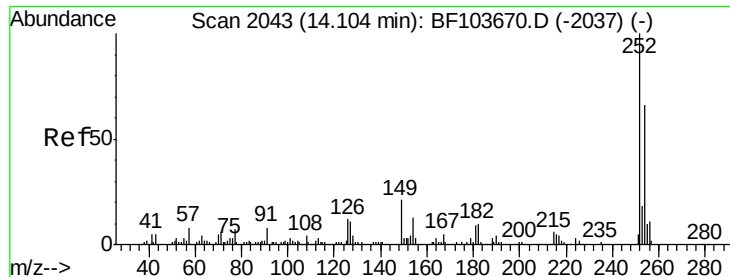
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.7	56.8	85.2
206	19.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 56.164 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.3	15.8	23.6

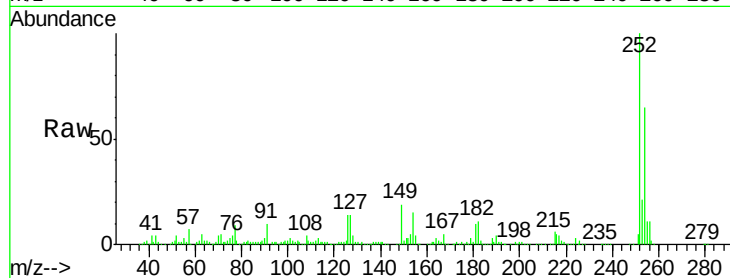




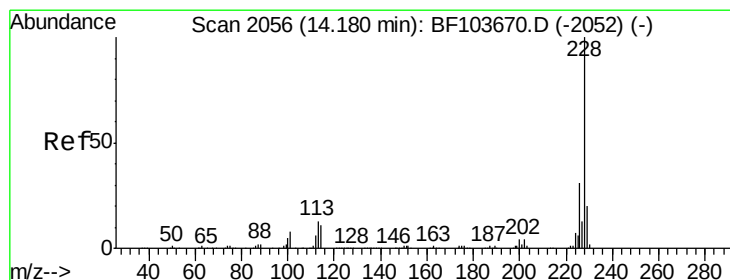
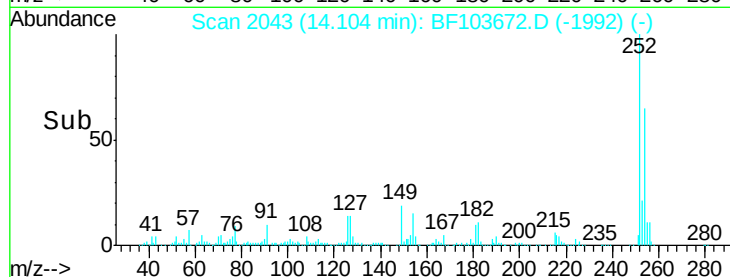
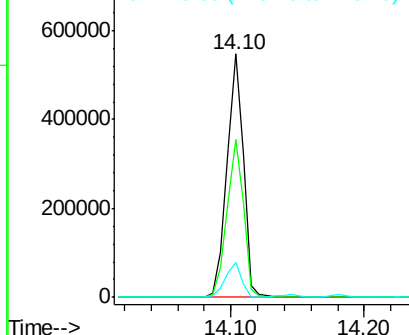
#81
 3,3'-Dichlorobenzidine
 Concen: 53.047 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 480303
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.4 75.6
 126 14.2 11.3 16.9

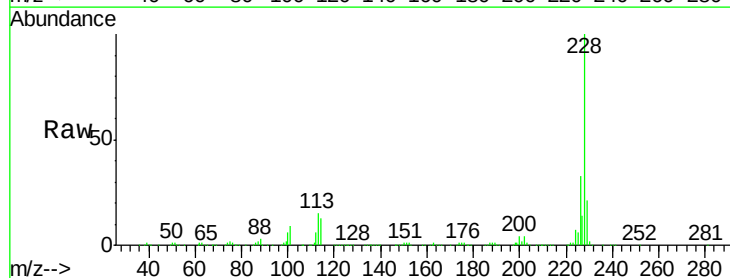


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

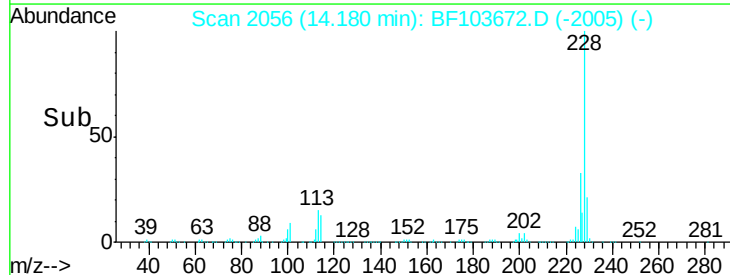
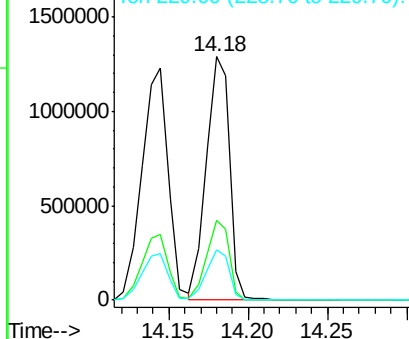


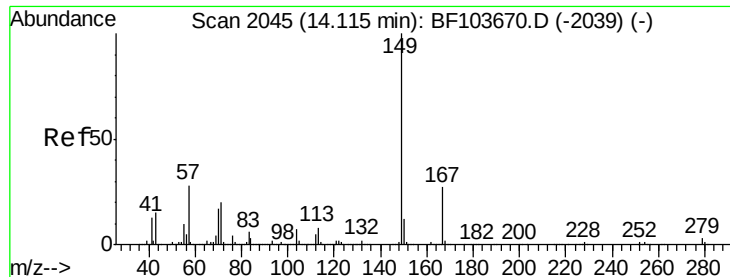
#82
 Chrysene
 Concen: 53.714 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Tgt Ion:228 Resp: 1323215
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.0 37.6
 229 20.7 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: 50.879 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

Instrument :

BNA_F

ClientSampleId :

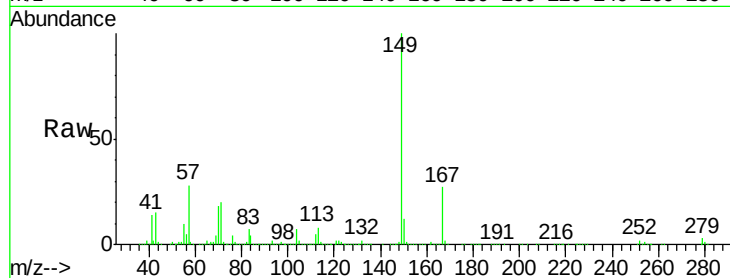
Tot Ion:149 Resp: 1105907

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

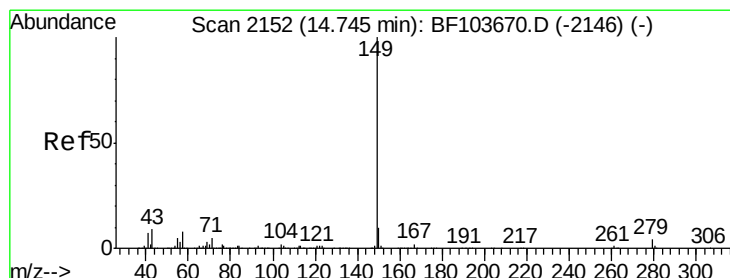
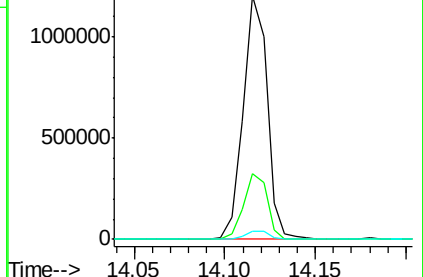
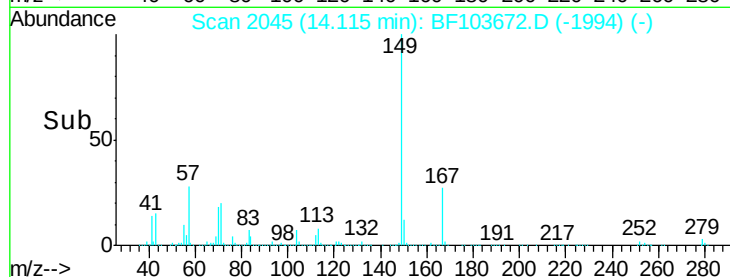
279 3.3 3.0 4.4



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: 48.566 ng

RT: 14.74 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BF103672.D

Acq: 15 Mar 2018 16:33

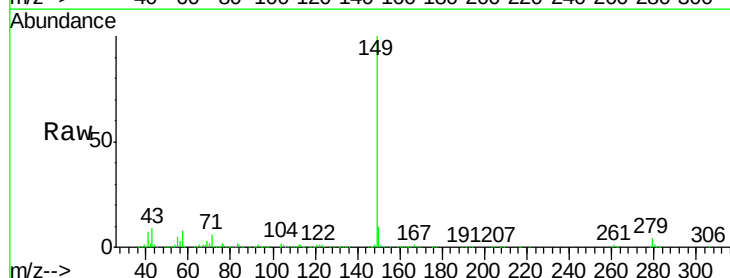
Tgt Ion:149 Resp: 1705566

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

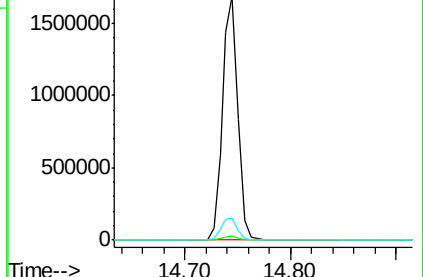
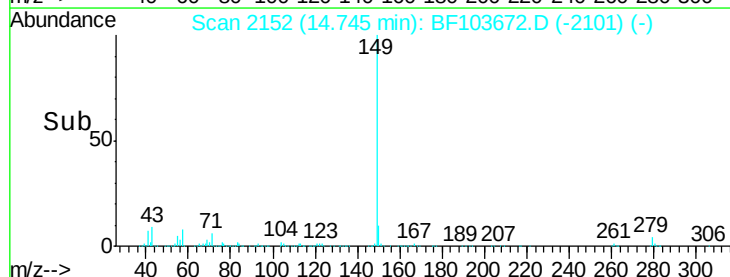
43 9.8 8.4 12.6

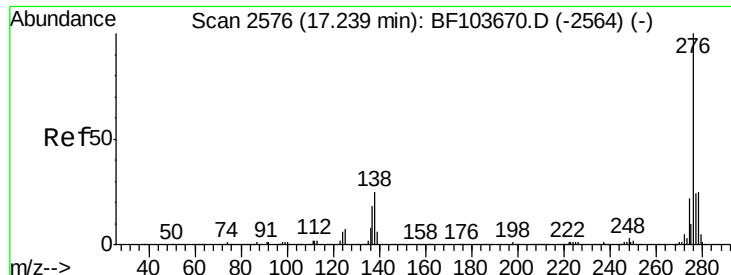


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

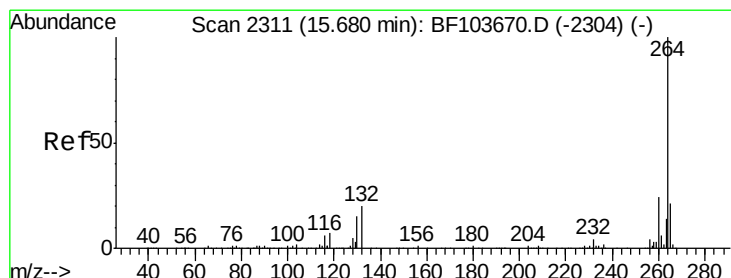
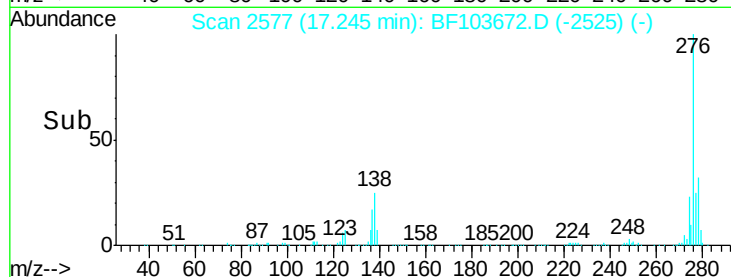
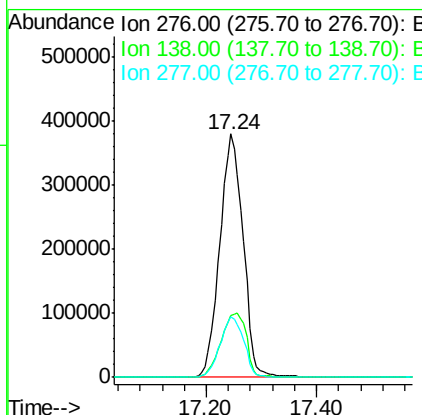
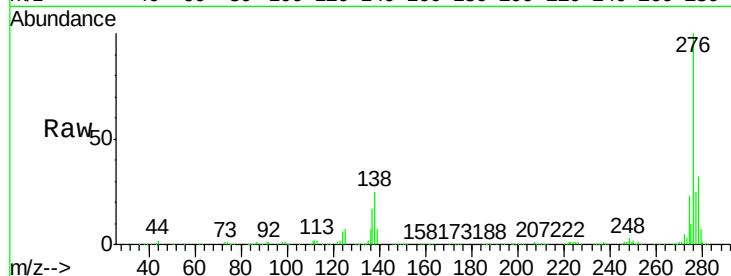




#85
Indeno(1,2,3-cd)pyrene
Concen: 57.624 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

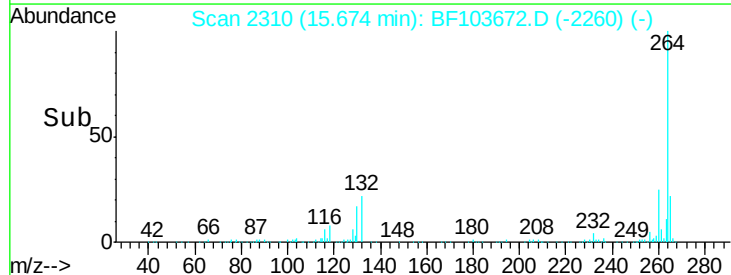
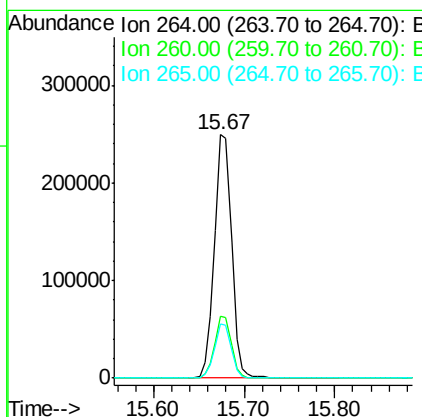
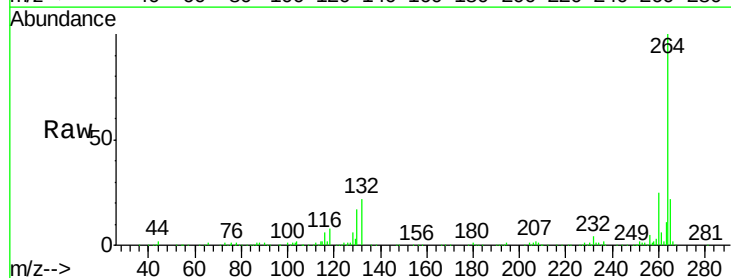
Instrument :
BNA_F
ClientSampled :

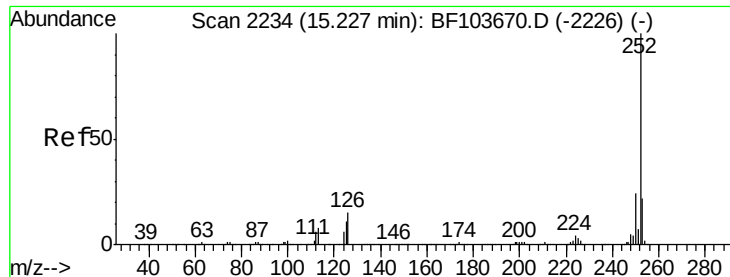
Tot Ion:276 Resp: 1123812
Ion Ratio Lower Upper
276 100
138 29.0 25.0 37.6
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion:264 Resp: 329001
Ion Ratio Lower Upper
264 100
260 25.3 19.2 28.8
265 22.2 17.5 26.3

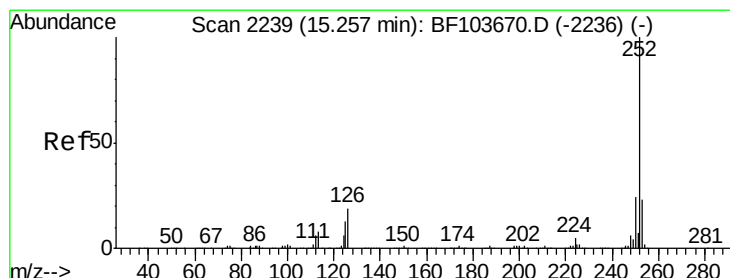
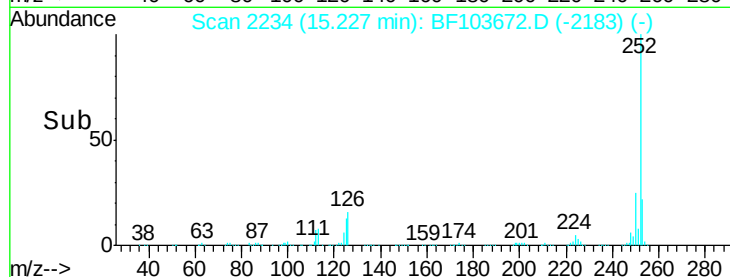
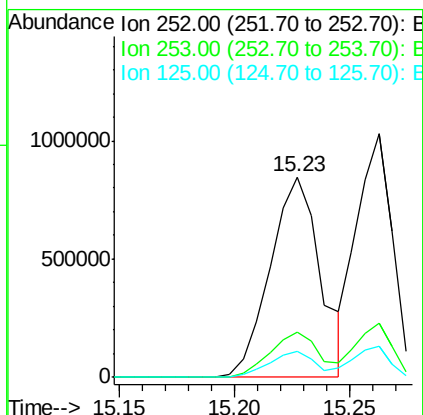
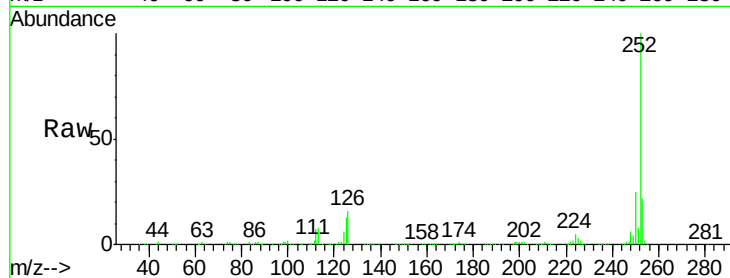




#87
Benzo(b)fluoranthene
Concen: 59.101 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

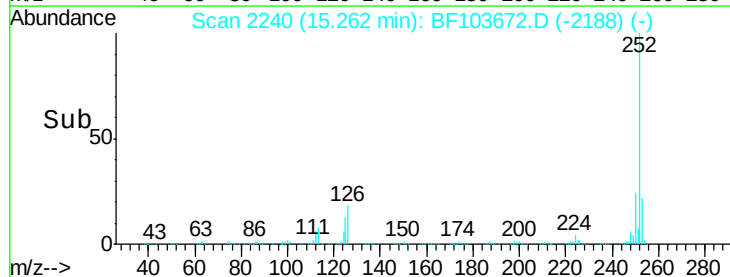
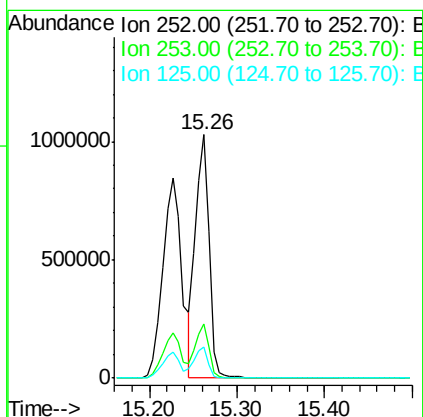
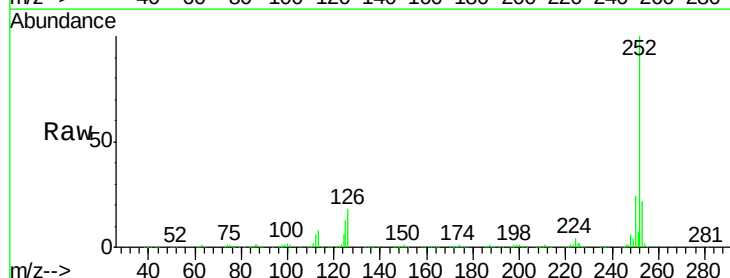
Instrument :
BNA_F
ClientSampled :

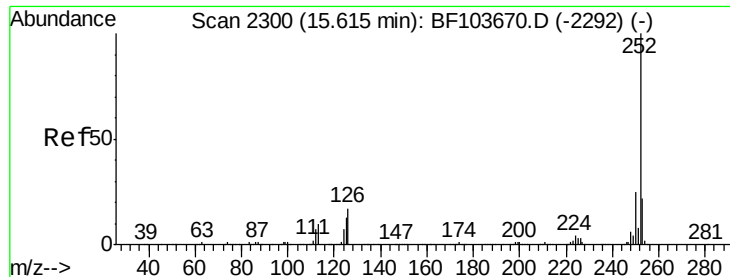
Tot Ion:252 Resp: 1278454
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 55.398 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion:252 Resp: 1128440
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.7 10.2 15.2

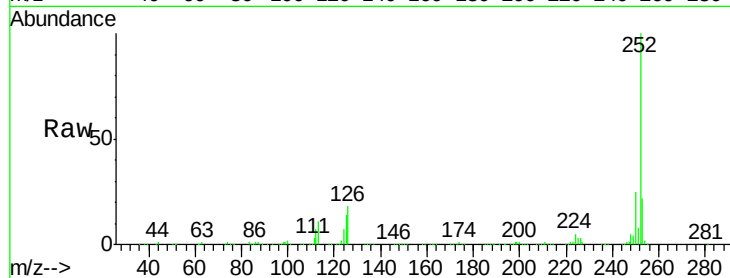




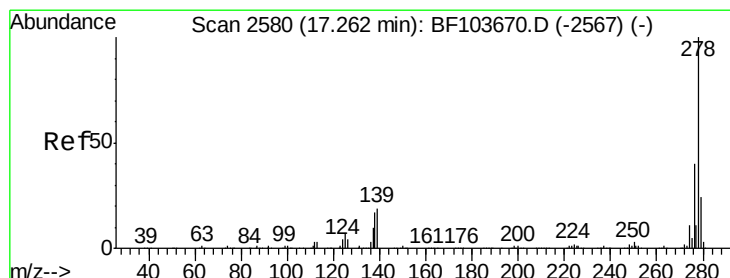
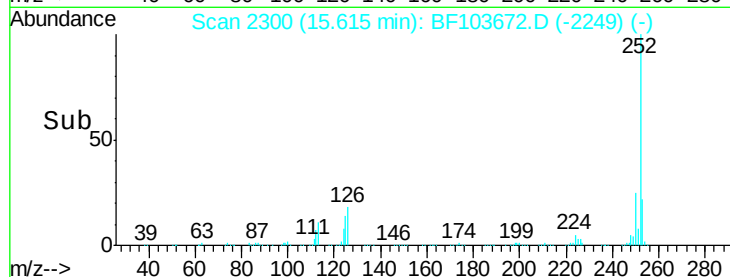
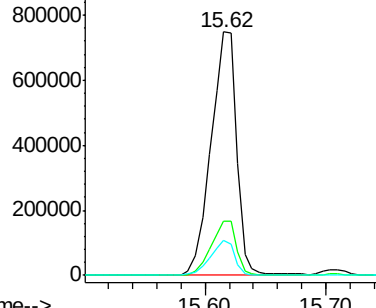
#89
Benzo(a)pyrene
Concen: 57.569 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1112059
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 14.2 9.8 14.6

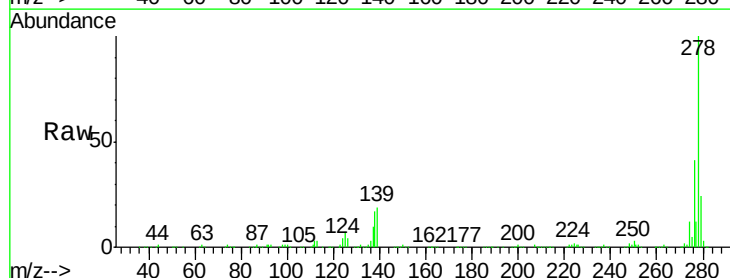


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

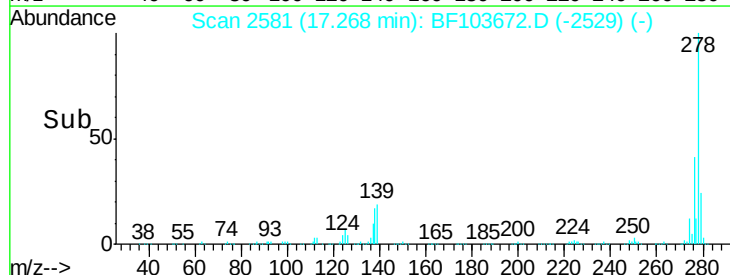
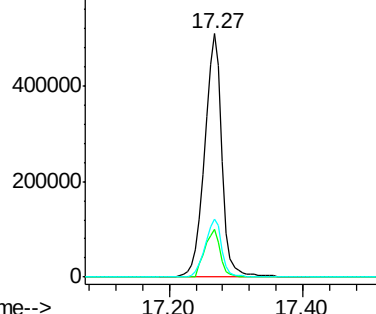


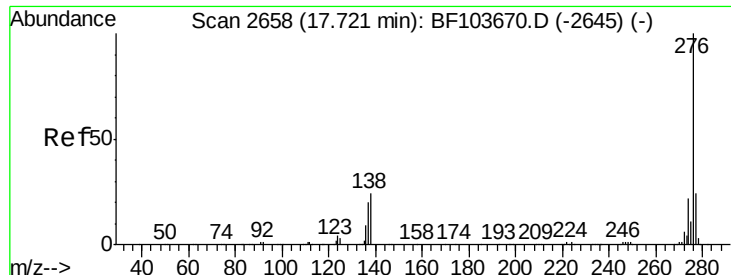
#90
Dibenzo(a,h)anthracene
Concen: 62.293 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.01 min
Lab File: BF103672.D
Acq: 15 Mar 2018 16:33

Tgt Ion:278 Resp: 929812
Ion Ratio Lower Upper
278 100
139 19.4 15.9 23.9
279 23.7 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

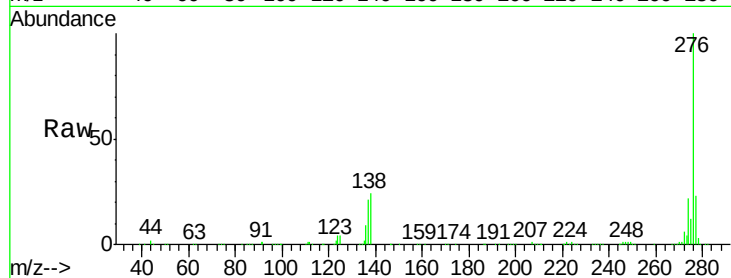




#91
 Benzo(a,h,i)perylene
 Concen: 62.445 ng
 RT: 17.73 min Scan# 2659
 Delta R.T. 0.01 min
 Lab File: BF103672.D
 Acq: 15 Mar 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	24.0	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

