

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103679.D
 Acq On : 15 Mar 2018 20:15
 Operator : JU/SJ
 Sample : PB107343BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 04:29:40 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 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147947	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	635128	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	297794	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	530920	20.00	ng	0.00
75) Chrysene-d12	14.15	240	424441	20.00	ng	0.00
86) Perylene-d12	15.68	264	388803	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1669699	171.66	ng	0.02
7) Phenol-d6	6.60	99	2111791	177.46	ng	0.01
23) Nitrobenzene-d5	7.53	82	816544	89.66	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	487890	190.55	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1462927	78.36	ng	0.00
78) Terphenyl-d14	13.09	244	1488765	81.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	220391	46.015	ng	93
3) Pyridine	3.68	79	598284	45.414	ng	90
4) n-Nitrosodimethylamine	3.64	42	244608	50.358	ng	91
6) Aniline	6.63	93	586889	34.538	ng	97
8) 2-Chlorophenol	6.76	128	483819	47.482	ng	96
9) Benzaldehyde	6.52	77	141506	18.100	ng	98
10) Phenol	6.60	94	584481	46.221	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	471685	45.185	ng	98
12) 1,3-Dichlorobenzene	6.91	146	508429	43.810	ng	99
13) 1,4-Dichlorobenzene	6.99	146	511935	43.898	ng	99
14) 1,2-Dichlorobenzene	7.14	146	479481	44.308	ng	99
15) Benzyl Alcohol	7.10	79	431560	46.805	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	666662	44.901	ng	96
17) 2-Methylphenol	7.21	107	418221	46.090	ng	99
18) Hexachloroethane	7.48	117	192008	46.807	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	337862	44.301	ng	96
20) 3+4-Methylphenols	7.36	107	522279	45.354	ng	89
22) Acetophenone	7.37	105	683863	41.895	ng	# 95
24) Nitrobenzene	7.55	77	515693	48.230	ng	98
25) Isophorone	7.79	82	977773	46.376	ng	98
26) 2-Nitrophenol	7.86	139	212885	51.478	ng	99
27) 2,4-Dimethylphenol	7.89	122	471957	52.253	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	609410	47.734	ng	99
29) 2,4-Dichlorophenol	8.10	162	399239	48.585	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	409849	43.002	ng	98
31) Naphthalene	8.27	128	1410192	43.954	ng	99
32) Benzoic acid	8.01	122	276529	44.341	ng	99
33) 4-Chloroaniline	8.32	127	324663	24.121	ng	98
34) Hexachlorobutadiene	8.39	225	216690	41.467	ng	99
35) Caprolactam	8.69	113	64022	22.626	ng	90
36) 4-Chloro-3-methylphenol	8.79	107	435228	48.044	ng	96
37) 2-Methylnaphthalene	8.96	142	925735	45.500	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	363335	42.767	ng	98
40) Hexachlorocyclopentadiene	9.12	237	448778	102.372	ng	98

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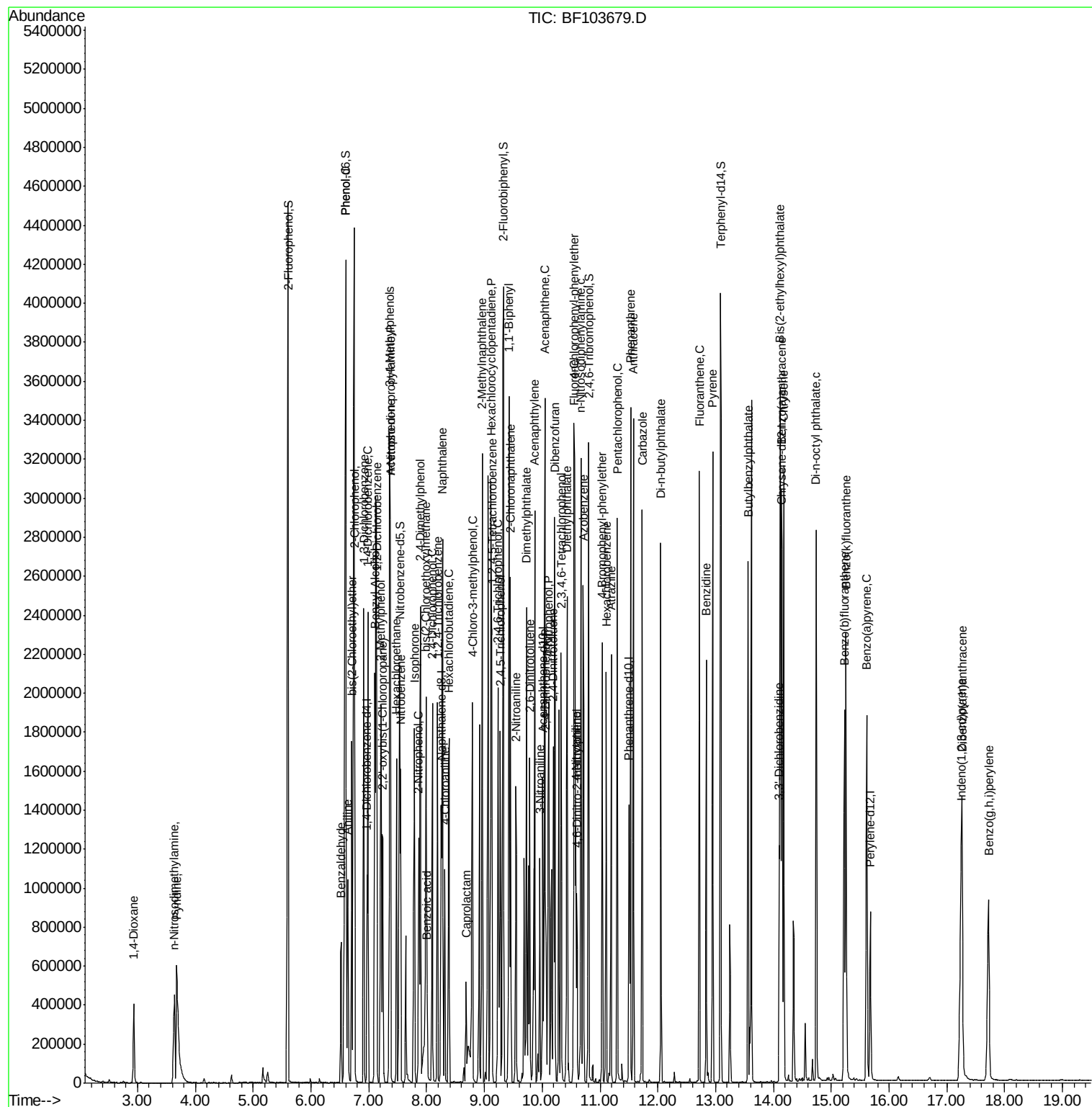
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	272305	50.110	ng	100
43) 2,4,5-Trichlorophenol	9.27	196	285320	46.519	ng	97
45) 1,1'-Biphenyl	9.43	154	1060542	42.709	ng	100
46) 2-Chloronaphthalene	9.46	162	852867	43.243	ng	98
47) 2-Nitroaniline	9.55	65	252673	48.834	ng	95
48) Acenaphthylene	9.87	152	1311537	42.883	ng	100
49) Dimethylphthalate	9.73	163	982486	43.243	ng	99
50) 2,6-Dinitrotoluene	9.79	165	214602	48.759	ng	90
51) Acenaphthene	10.05	154	862729	47.508	ng	99
52) 3-Nitroaniline	9.96	138	165151	32.676	ng	94
53) 2,4-Dinitrophenol	10.06	184	162982	100.270	ng	# 21
54) Dibenzofuran	10.22	168	1167829	45.027	ng	97
55) 4-Nitrophenol	10.11	139	408609	97.099	ng	96
56) 2,4-Dinitrotoluene	10.19	165	284856	50.749	ng	93
57) Fluorene	10.56	166	873889	43.421	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	228874	52.663	ng	98
59) Diethylphthalate	10.43	149	971197	43.068	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	394719	42.915	ng	95
61) 4-Nitroaniline	10.58	138	245289	48.354	ng	96
62) Azobenzene	10.71	77	1014712	44.259	ng	98
64) 4,6-Dinitro-2-methylphenol	10.60	198	108129	52.798	ng	97
65) n-Nitrosodiphenylamine	10.67	169	798627	44.192	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	242683	44.520	ng	98
67) Hexachlorobenzene	11.10	284	264758	42.554	ng	98
68) Atrazine	11.19	200	256985	45.970	ng	99
69) Pentachlorophenol	11.30	266	299320	83.681	ng	97
70) Phenanthrene	11.53	178	1266688	43.615	ng	99
71) Anthracene	11.58	178	1296173	43.942	ng	99
72) Carbazole	11.73	167	1235359	43.089	ng	99
73) Di-n-butylphthalate	12.06	149	1500960	43.632	ng	99
74) Fluoranthene	12.72	202	1319234	44.091	ng	100
76) Benzidine	12.84	184	766622	42.349	ng	99
77) Pyrene	12.95	202	1347930	43.244	ng	100
79) Butylbenzylphthalate	13.56	149	636136	46.063	ng	99
80) Benzo(a)anthracene	14.14	228	1189184	44.262	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	201906	22.467	ng	99
82) Chrysene	14.18	228	1122491	43.828	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	906205	45.932	ng	100
84) Di-n-octyl phthalate	14.74	149	1495748	52.112	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	1014208	45.346	ng	97
87) Benzo(b)fluoranthene	15.23	252	1084004	44.130	ng	99
88) Benzo(k)fluoranthene	15.26	252	1046133	44.305	ng	99
89) Benzo(a)pyrene	15.62	252	1024594	45.988	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	837811	43.429	ng	99
91) Benzo(g,h,i)perylene	17.72	276	824453	43.929	ng	96

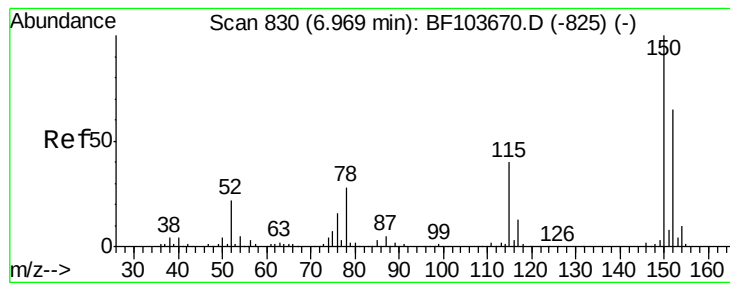
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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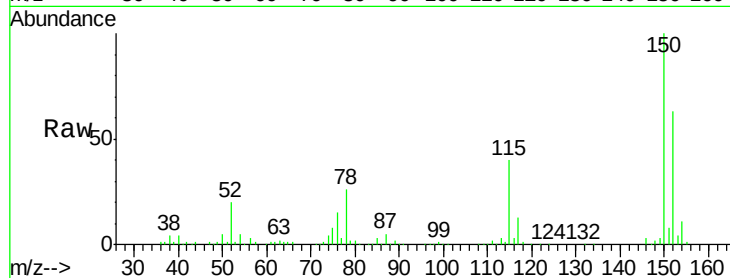


#1

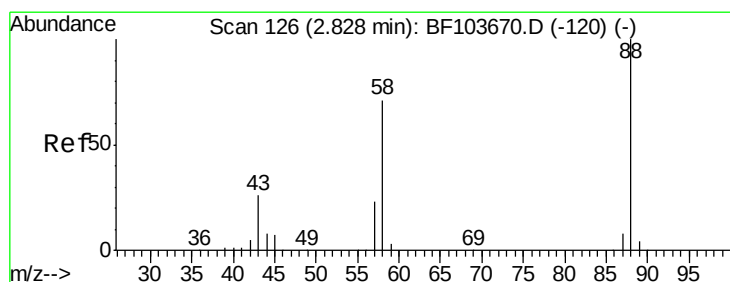
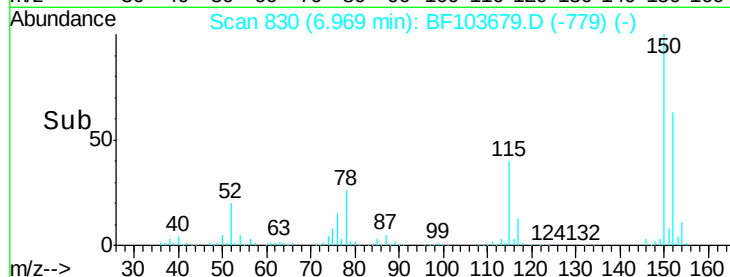
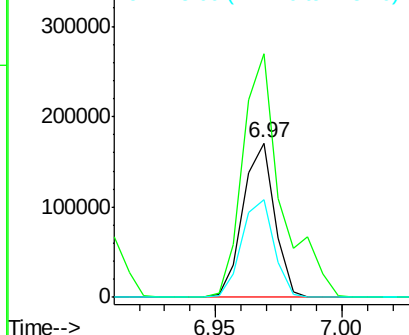
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147947
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 63.7 50.1 75.1



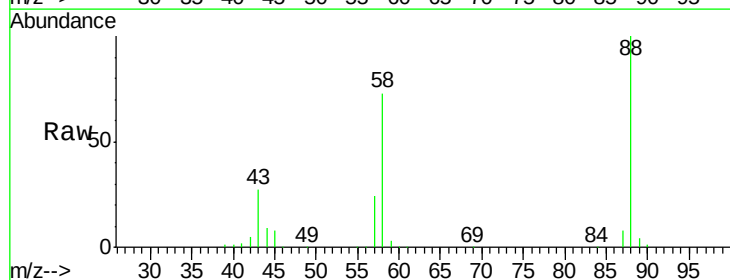
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



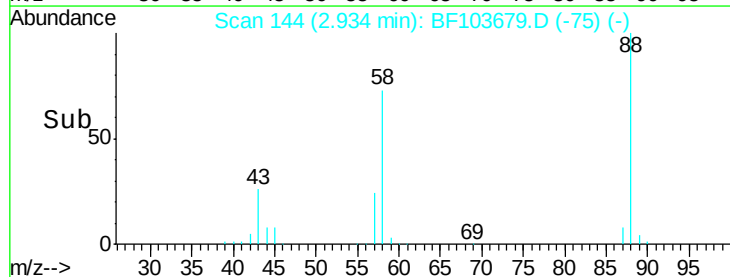
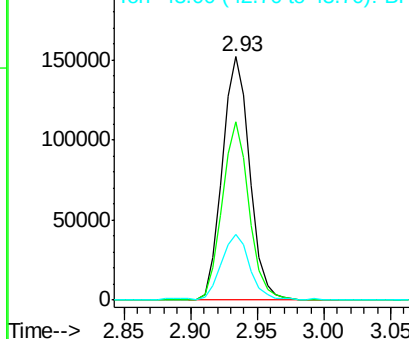
#2

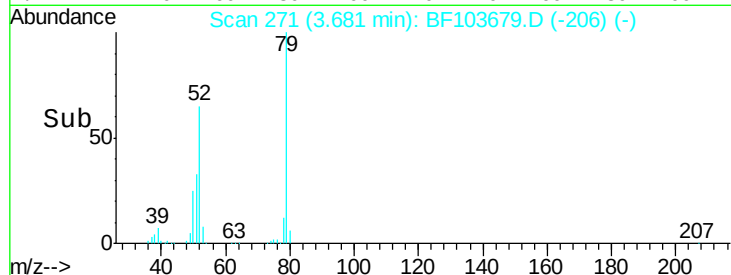
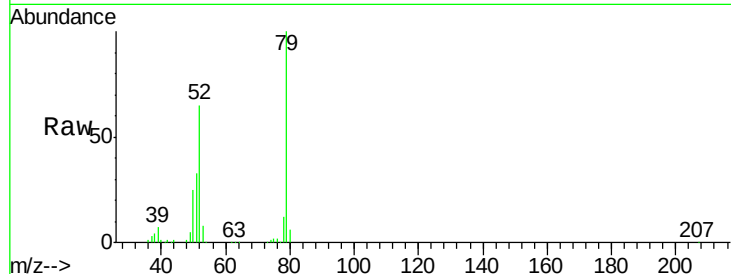
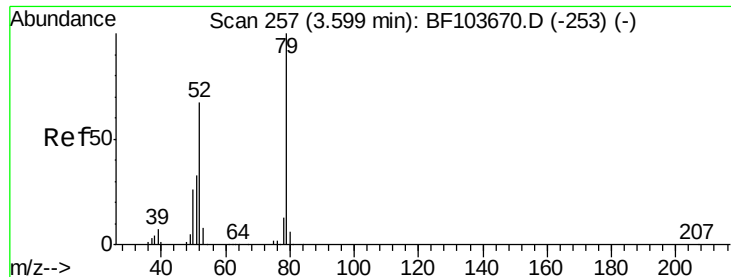
1,4-Dioxane
Concen: 46.015 ng
RT: 2.93 min Scan# 144
Delta R.T. 0.11 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion: 88 Resp: 220391
Ion Ratio Lower Upper
88 100
58 71.7 62.6 93.8
43 27.7 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

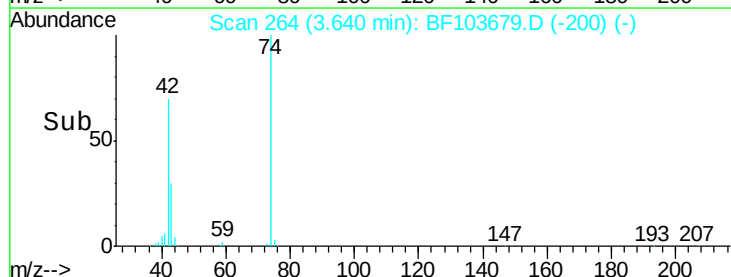
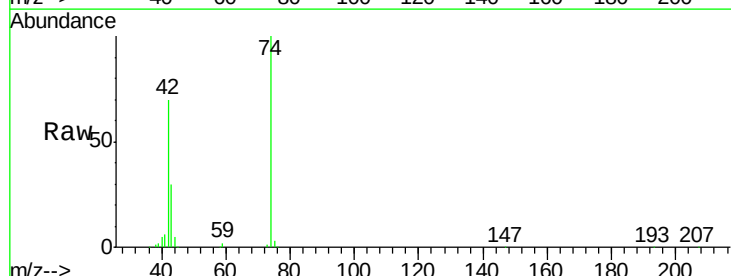
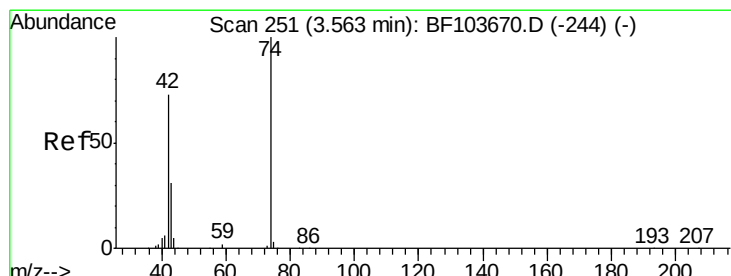
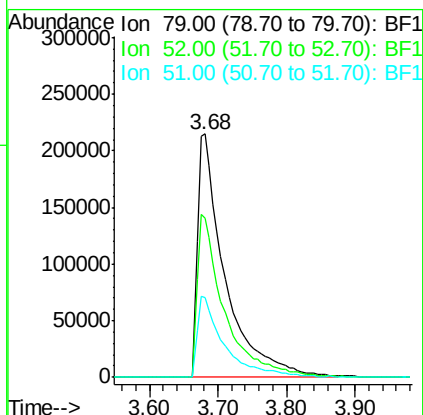




#3
 Pvridine
 Concen: 45.414 ng
 RT: 3.68 min Scan# 271
 Delta R.T. 0.08 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

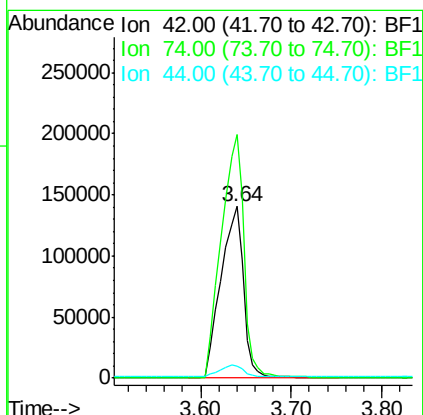
Instrument :
 BNA_F
 ClientSampled :

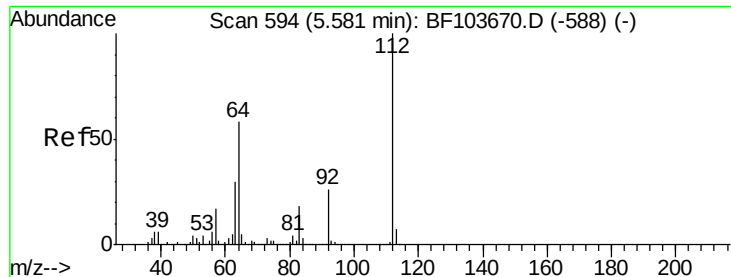
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.1	59.8	89.6
51	32.7	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 50.358 ng
 RT: 3.64 min Scan# 264
 Delta R.T. 0.08 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.9	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 171.656 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

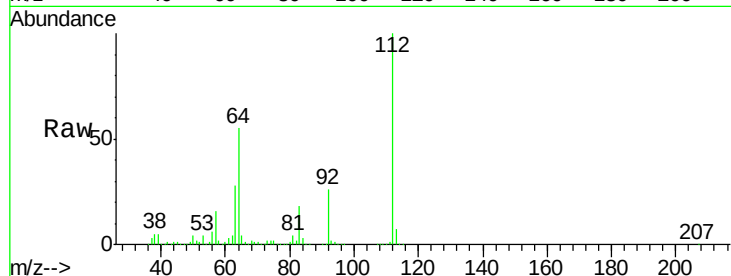
Tot Ion:112 Resp: 1669699

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

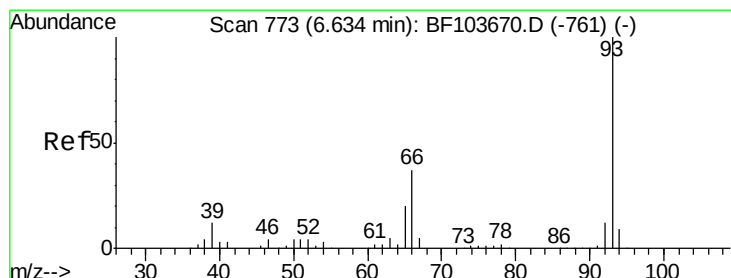
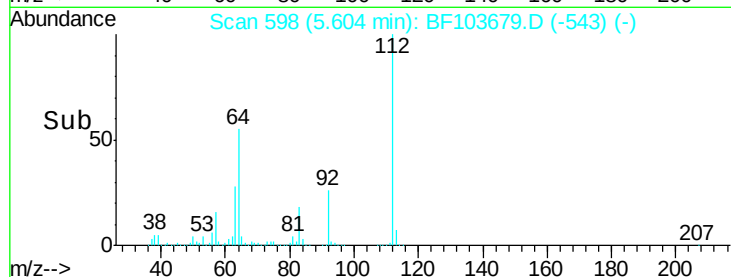
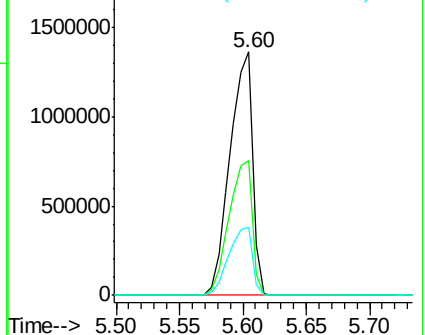
63 28.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.538 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

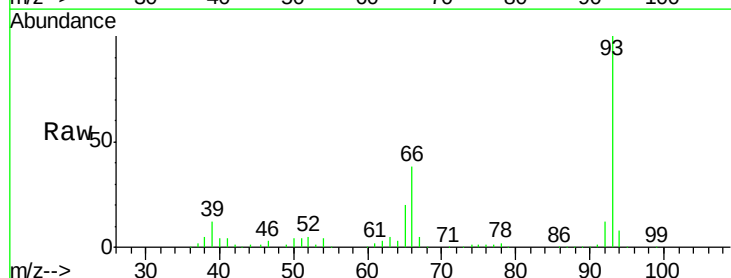
Tgt Ion: 93 Resp: 586889

Ion Ratio Lower Upper

93 100

66 38.4 32.2 48.2

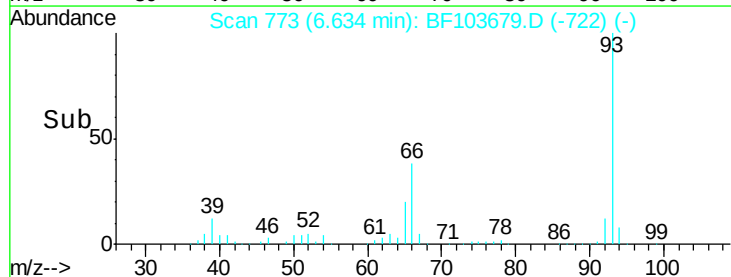
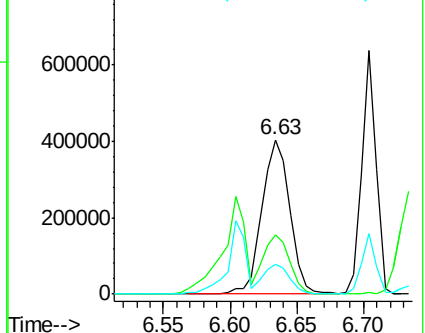
65 19.6 16.4 24.6

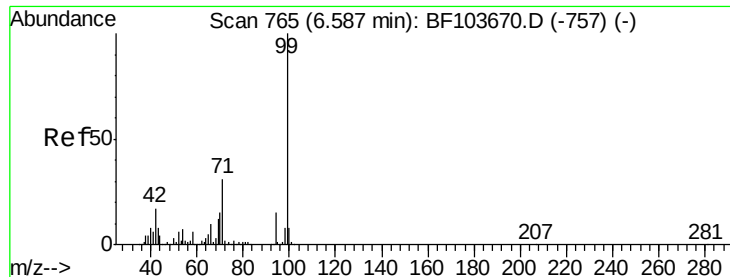


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 177.457 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

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ClientSampleId :

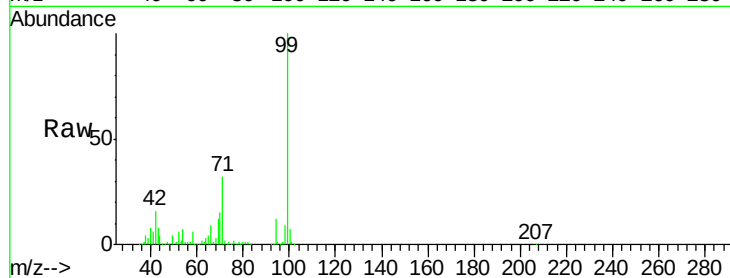
Tot Ion: 99 Resp: 2111791

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

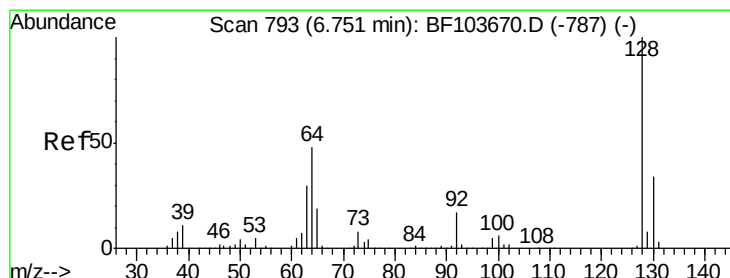
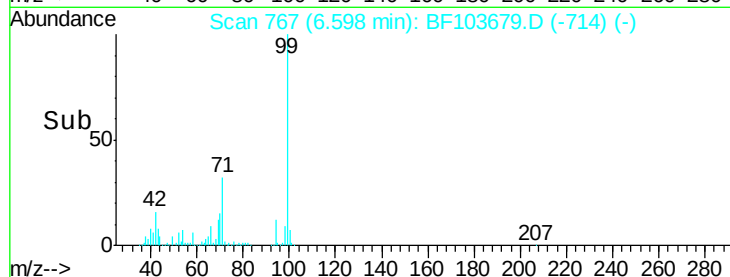
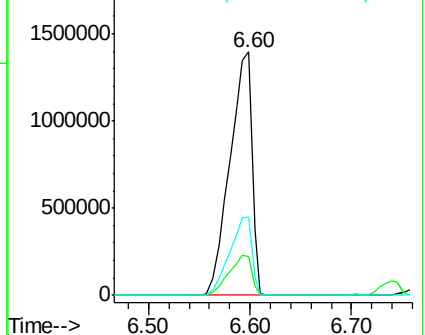
71 32.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.482 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

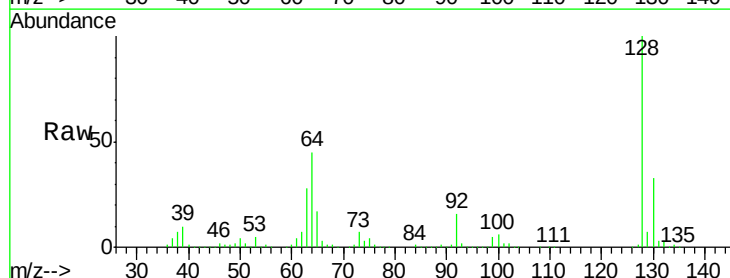
Tgt Ion: 128 Resp: 483819

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

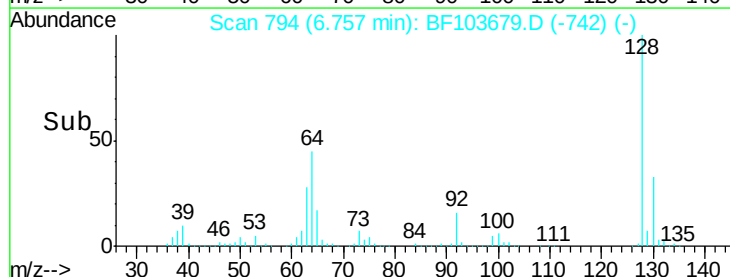
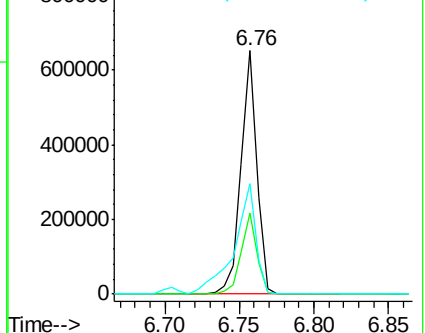
64 45.4 29.4 69.4

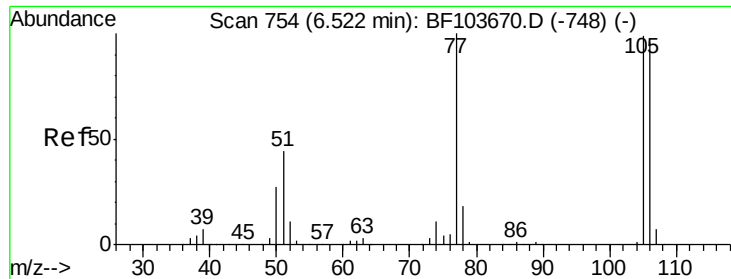


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.100 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

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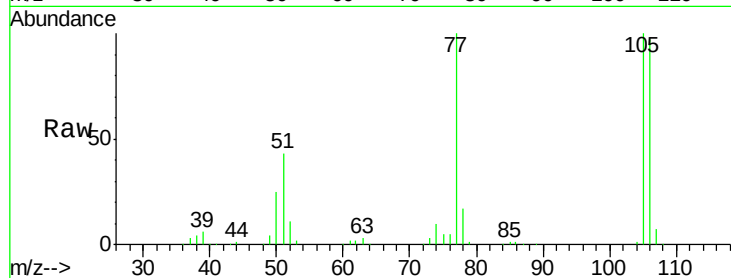
Tot Ion: 77 Resp: 141506

Ion Ratio Lower Upper

77 100

105 100.4 81.1 121.1

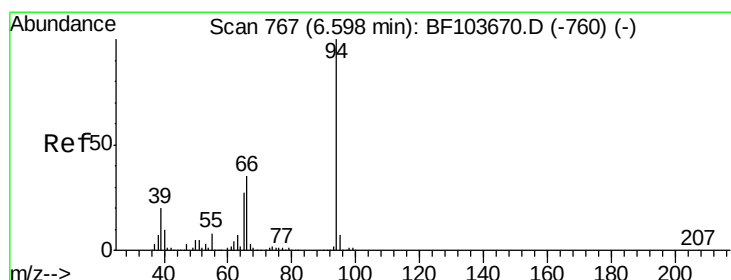
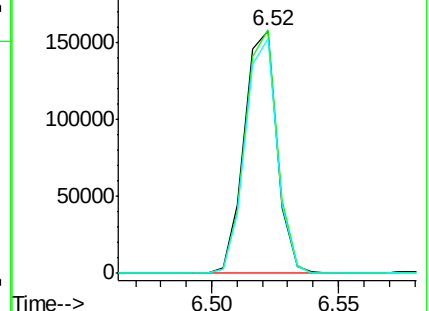
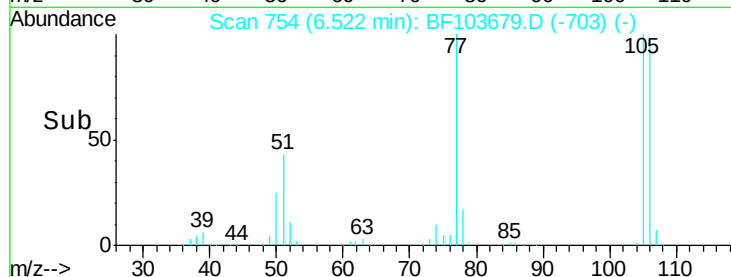
106 97.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.221 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

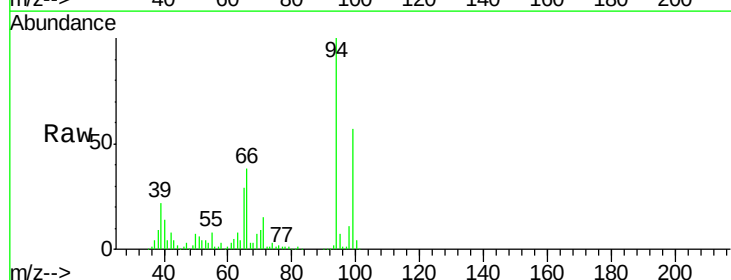
Tgt Ion: 94 Resp: 584481

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

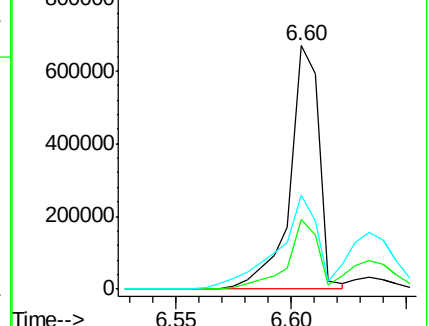
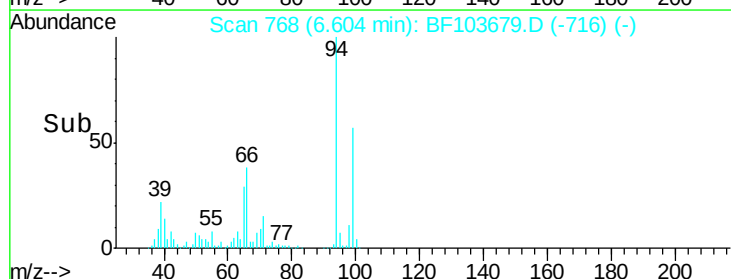
66 38.4 16.2 56.2

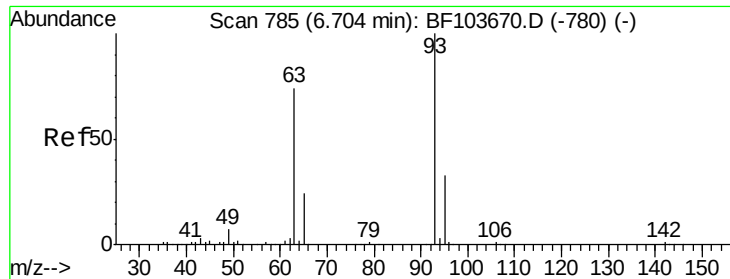


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

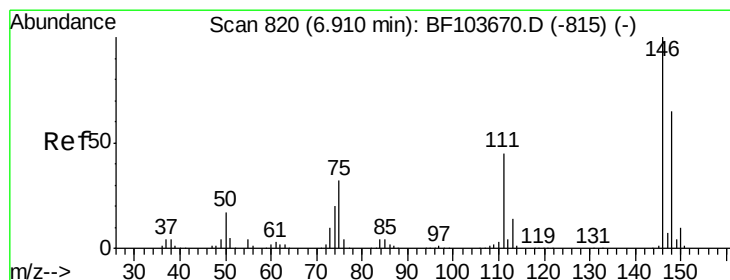
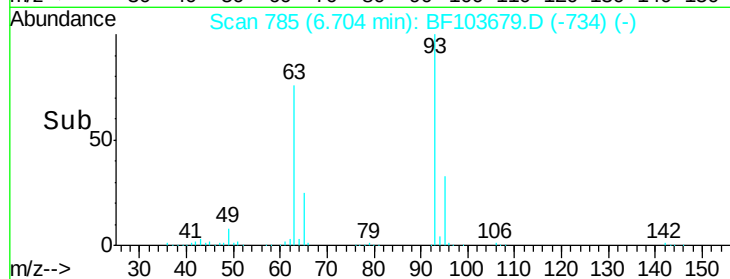
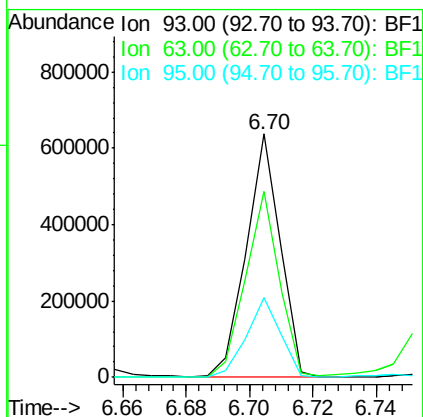
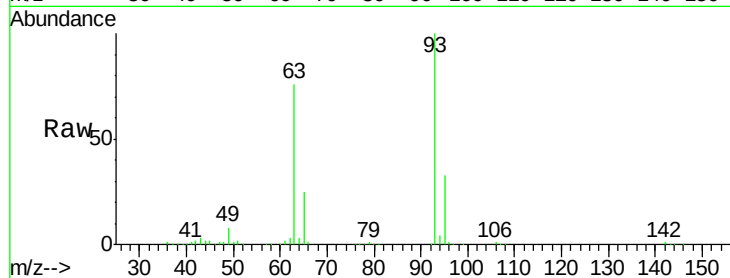




#11
bis(2-Chloroethyl)ether
Concen: 45.185 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

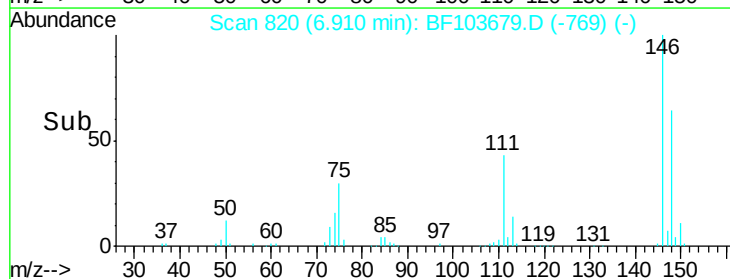
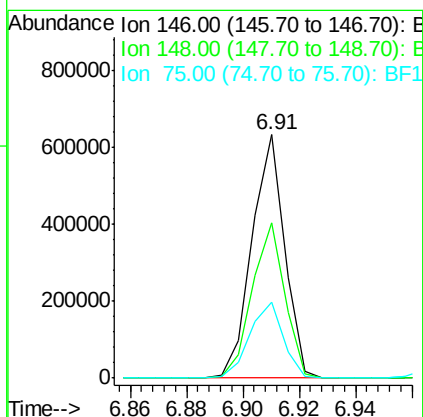
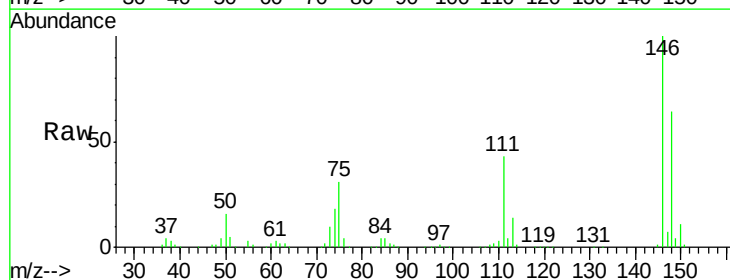
Instrument :
BNA_F
ClientSampleId :

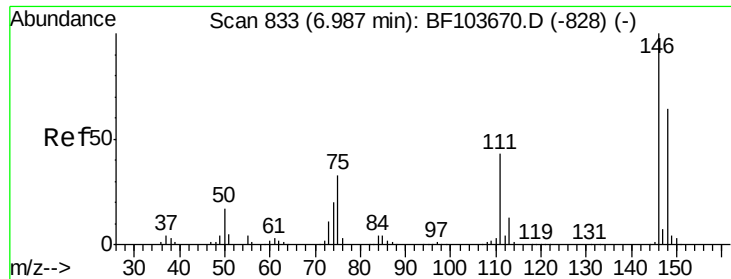
Tot Ion: 93 Resp: 471685
Ion Ratio Lower Upper
93 100
63 76.4 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.810 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion: 146 Resp: 508429
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 31.1 24.2 36.4

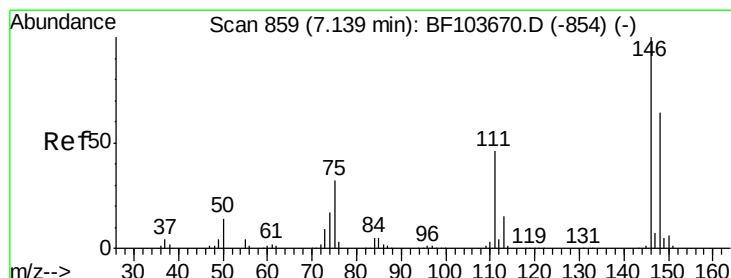
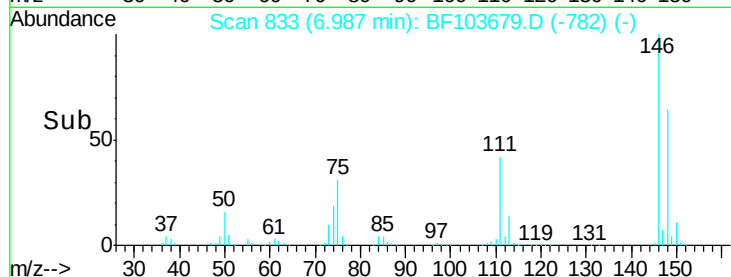
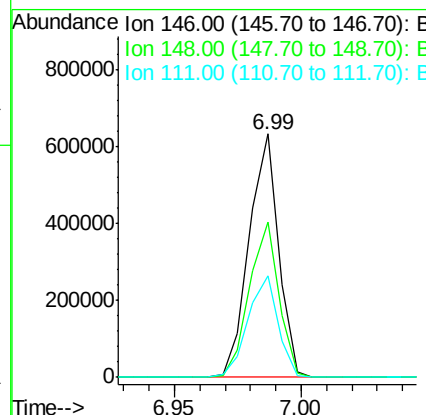
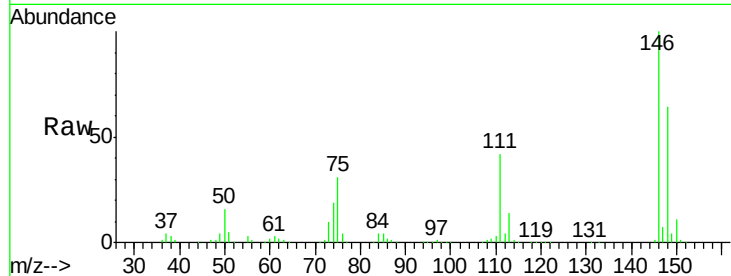




#13
 1,4-Dichlorobenzene
 Concen: 43.898 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

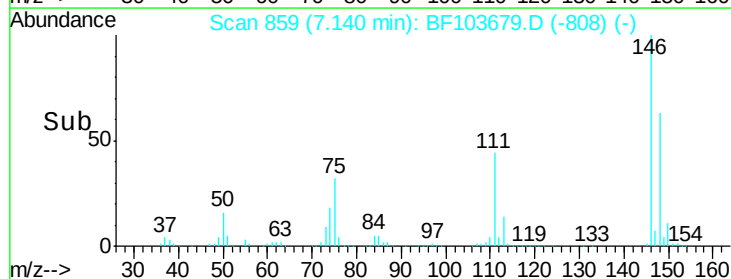
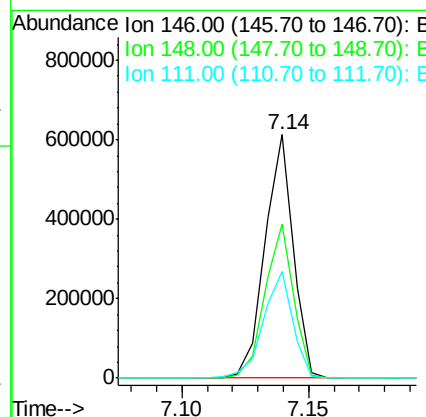
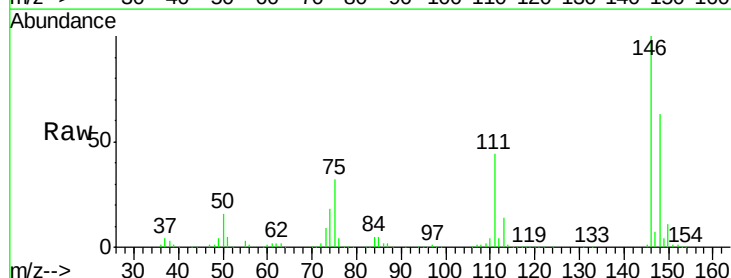
Instrument :
 BNA_F
 ClientSampleId :

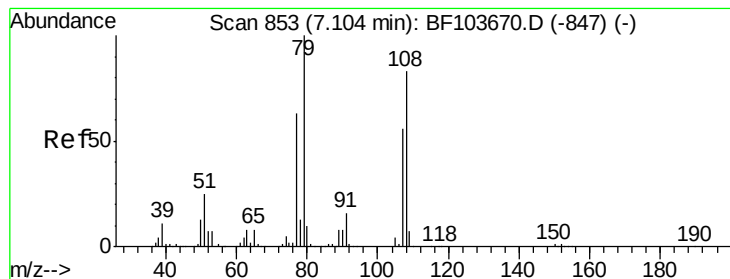
Tot Ion:146 Resp: 511935
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 41.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 44.308 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:146 Resp: 479481
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 43.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 46.805 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

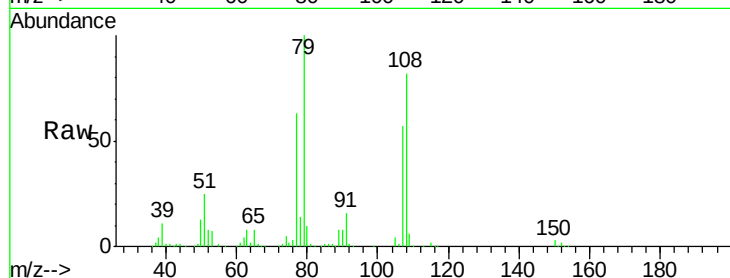
Tot Ion: 79 Resp: 431560

Ion Ratio Lower Upper

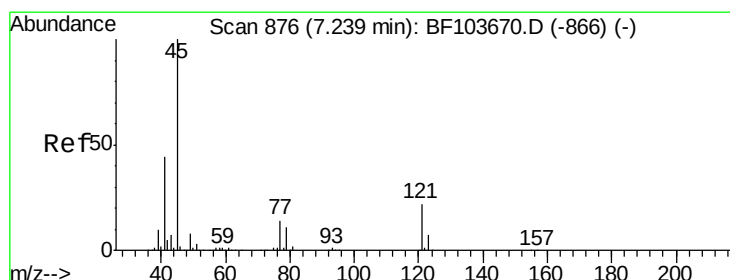
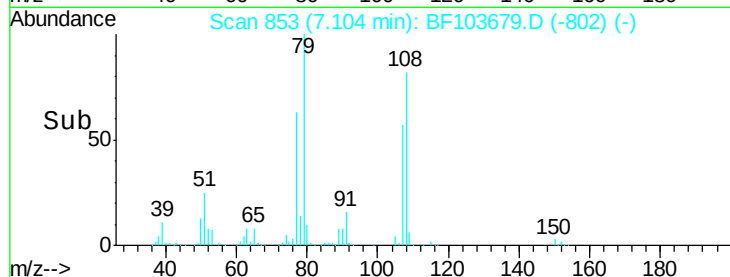
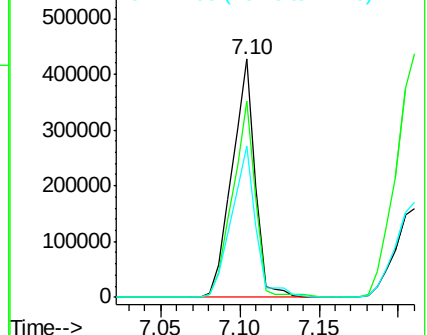
79 100

108 82.2 65.1 97.7

77 63.4 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.901 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

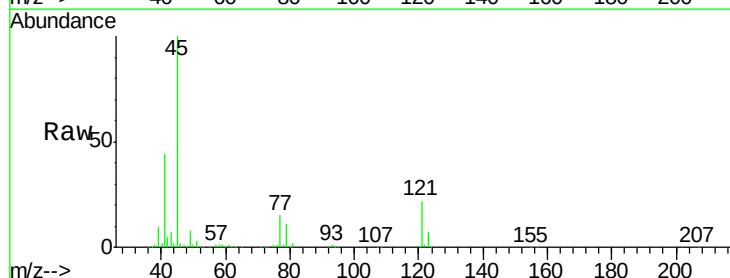
Tgt Ion: 45 Resp: 666662

Ion Ratio Lower Upper

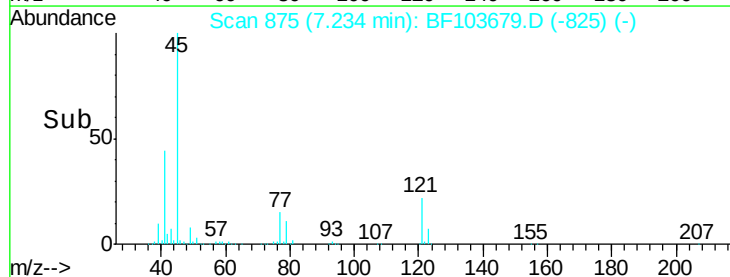
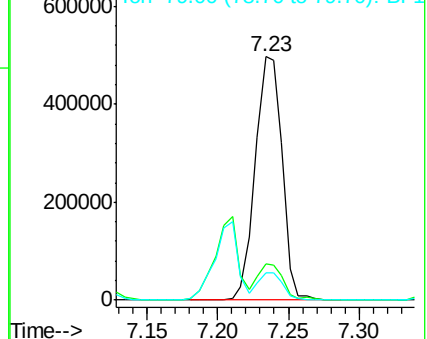
45 100

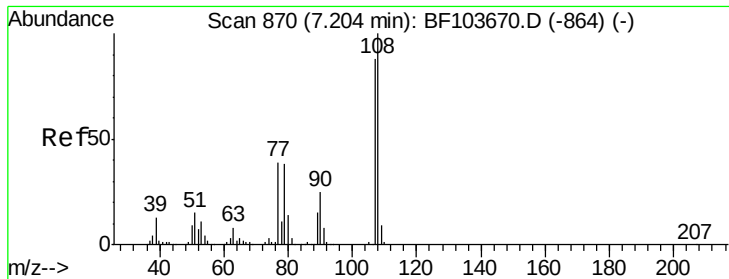
77 14.7 0.0 32.9

79 11.0 0.0 29.6



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





#17

2-Methylphenol

Concen: 46.090 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 418221

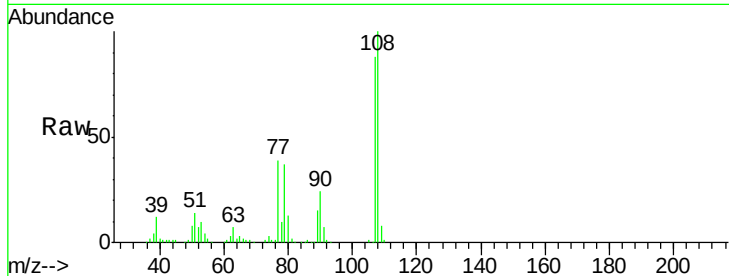
Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 44.2 33.8 50.8

79 41.6 33.8 50.8

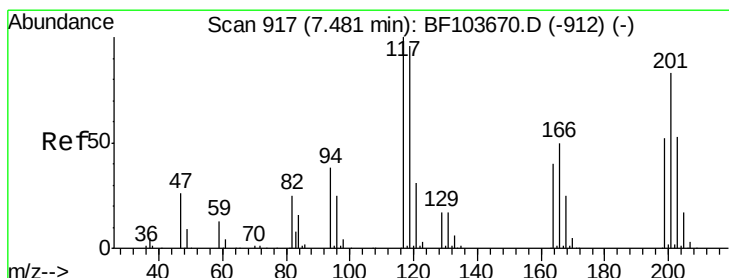
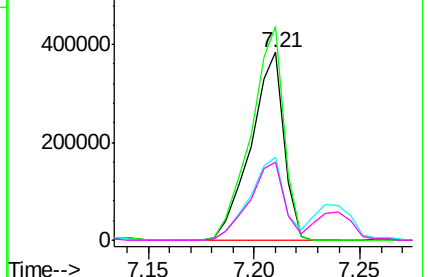
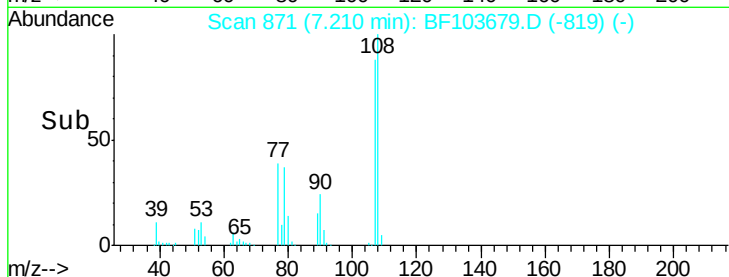


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.807 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

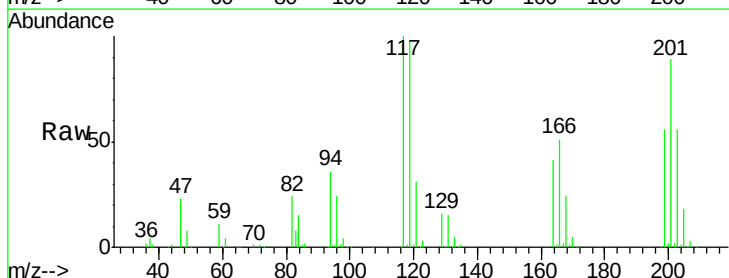
Tgt Ion:117 Resp: 192008

Ion Ratio Lower Upper

117 100

119 98.2 75.8 113.8

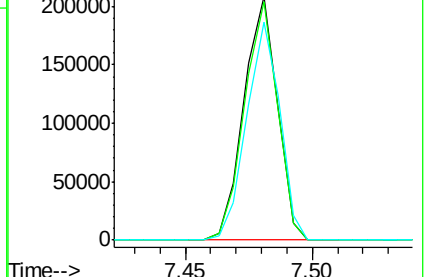
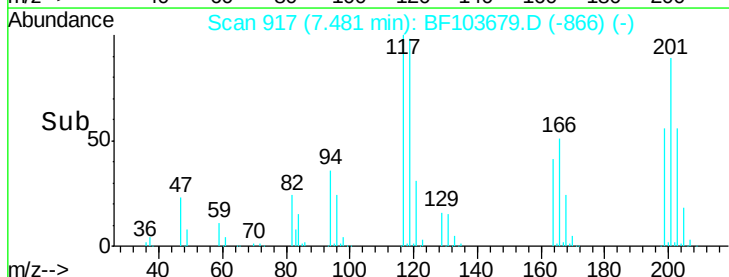
201 89.4 75.7 113.5

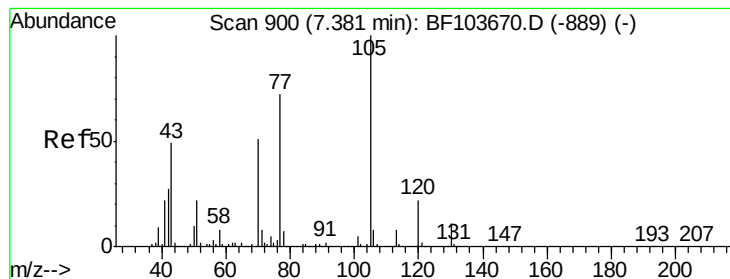


Abundance Ion 117.00 (116.70 to 117.70): E

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: 44.301 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 337862

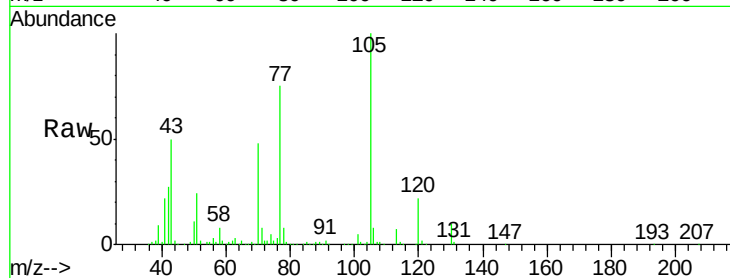
Ion Ratio Lower Upper

70 100

42 55.6 47.5 71.3

101 9.6 7.4 11.2

130 21.0 16.6 25.0

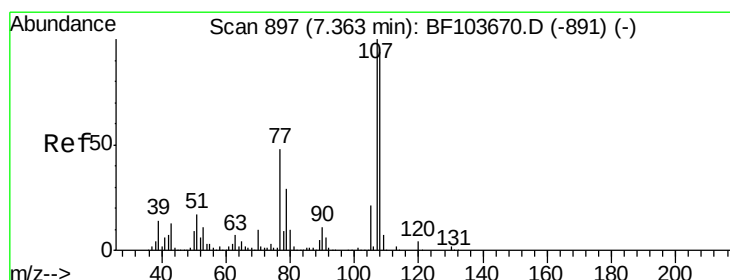
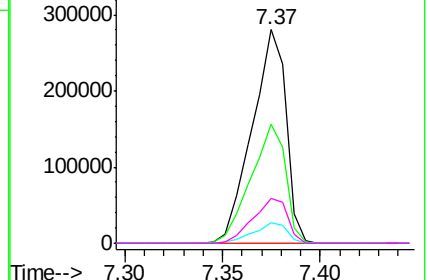
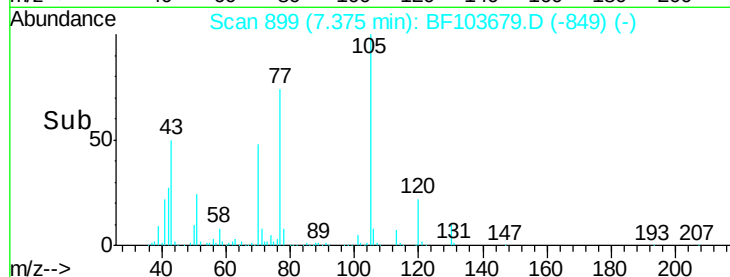


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 45.354 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tgt Ion:107 Resp: 522279

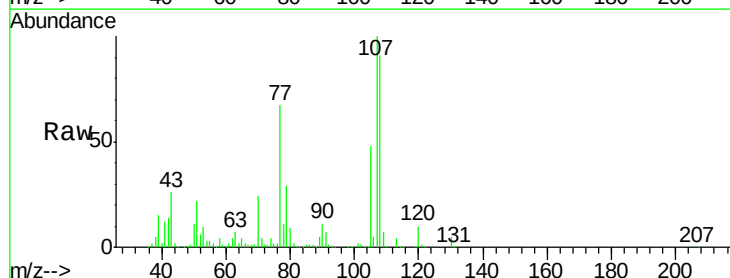
Ion Ratio Lower Upper

107 100

108 90.9 68.2 108.2

77 66.6 26.7 66.7

79 28.8 6.3 46.3

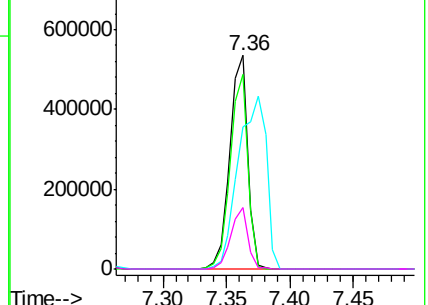
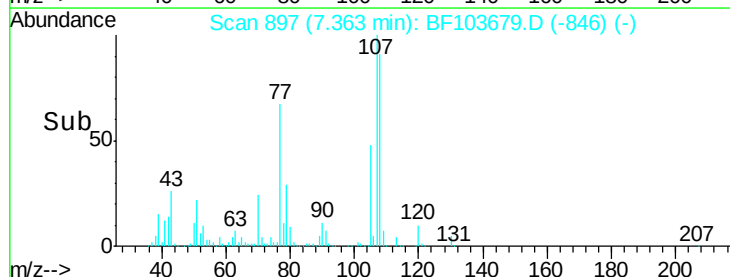


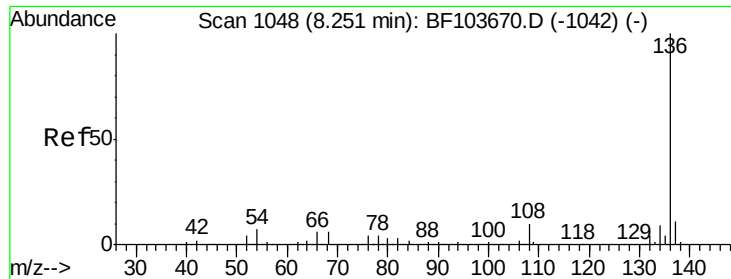
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

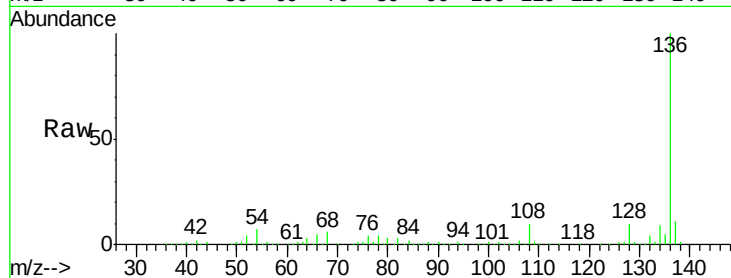




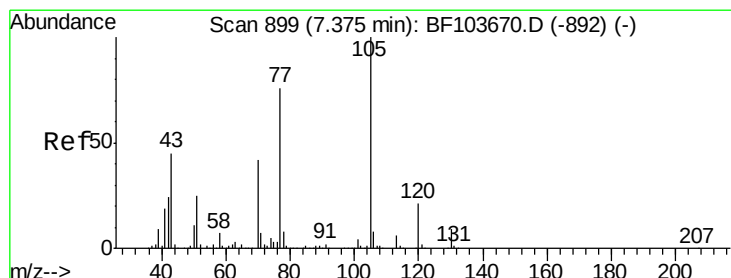
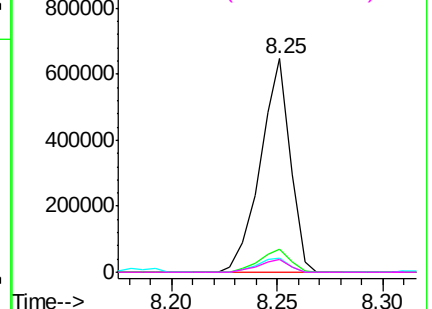
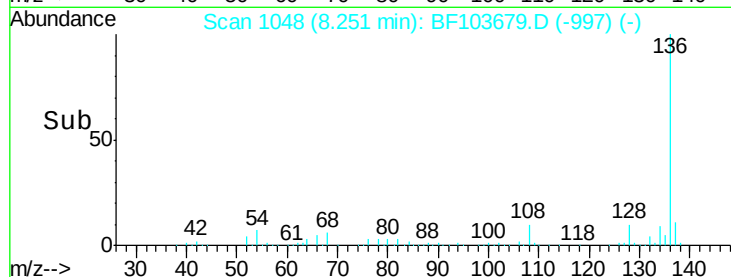
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	635128
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 6.9	6.6	9.8
68 6.0	5.0	7.4

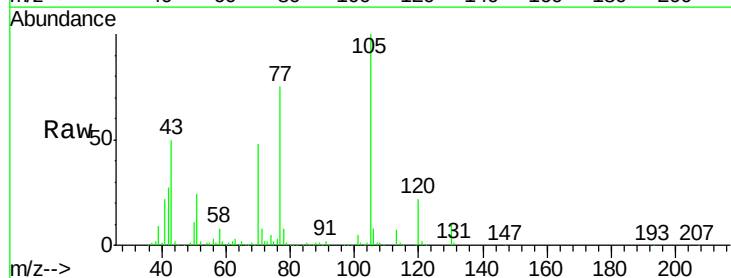


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

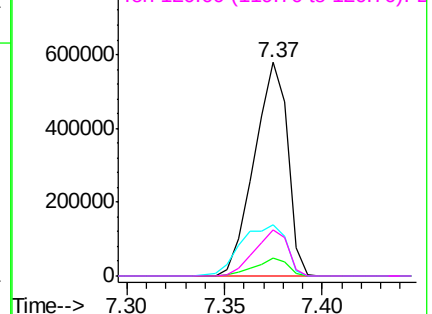
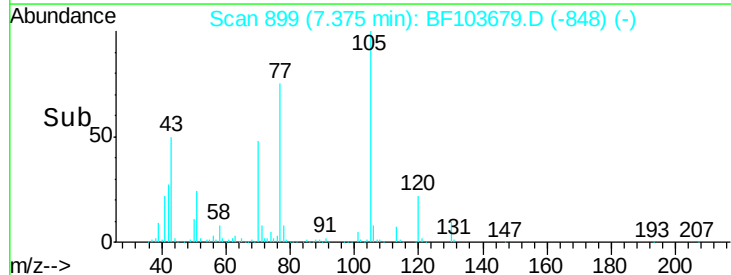


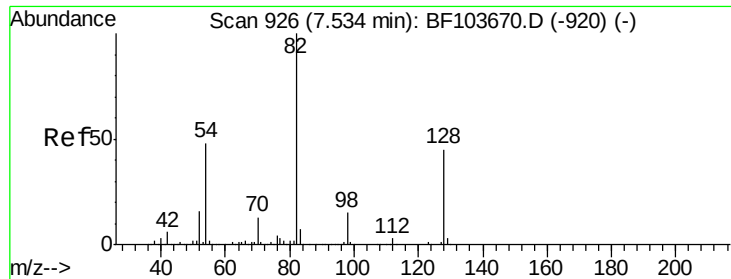
#22
Acetophenone
Concen: 41.895 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:105	Resp:	683863
Ion Ratio	Lower	Upper
105 100		
71 8.3	4.4	6.6#
51 24.1	22.3	33.5
120 21.8	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

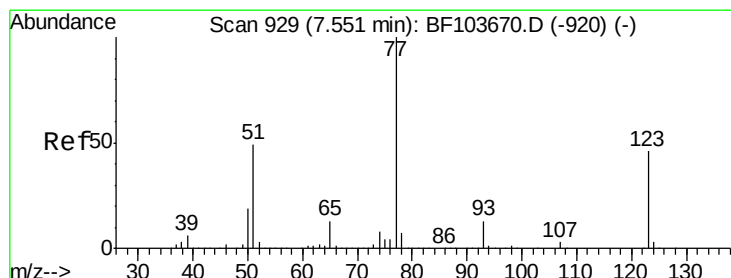
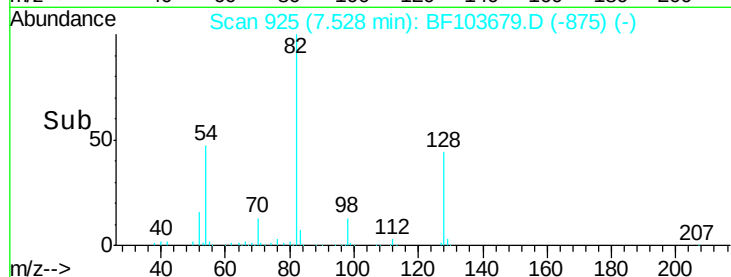
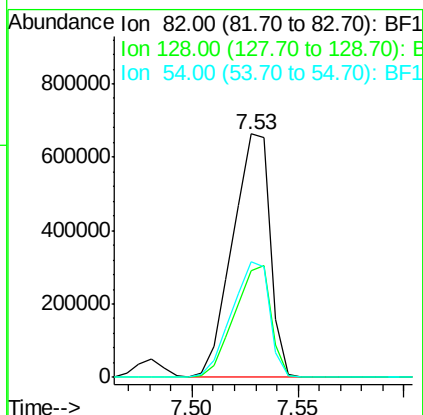
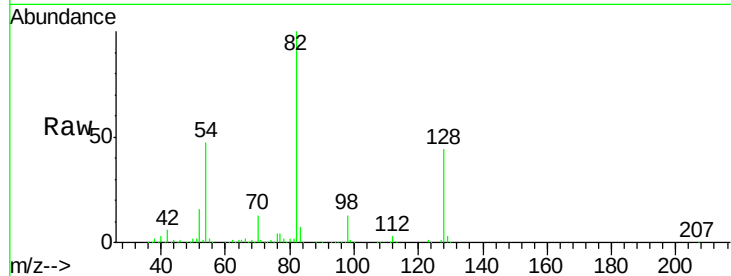




#23
Nitrobenzene-d5
Concen: 89.655 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

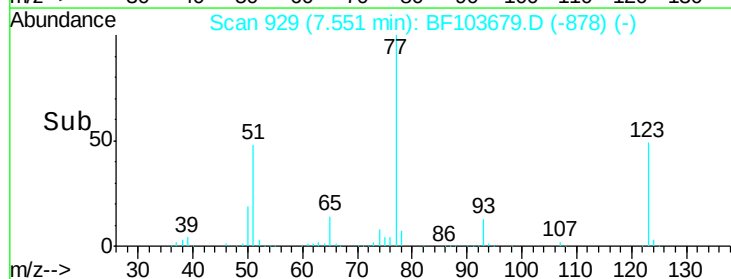
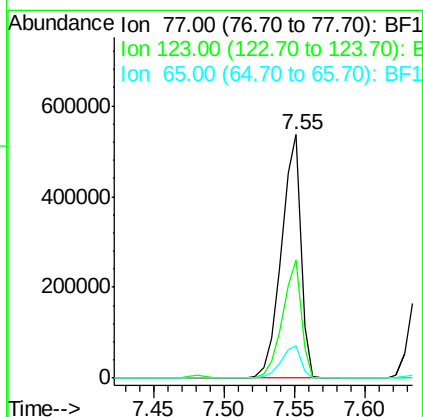
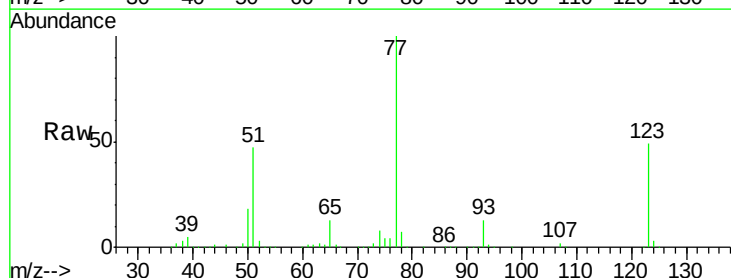
Instrument :
BNA_F
ClientSampleId :

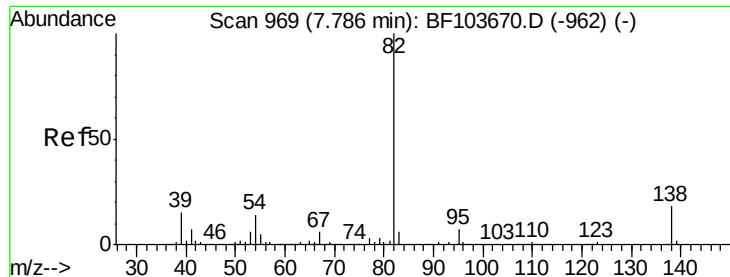
Tot Ion	82	Resp	816544
Ion Ratio	Lower	Upper	
82	100		
128	43.7	36.1	54.1
54	47.3	41.4	62.2



#24
Nitrobenzene
Concen: 48.230 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	77	Resp	515693
Ion Ratio	Lower	Upper	
77	100		
123	48.7	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 46.376 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampled :

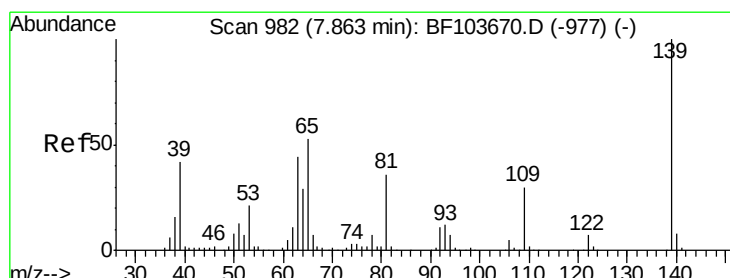
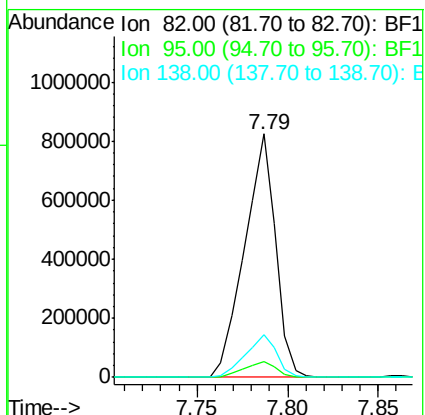
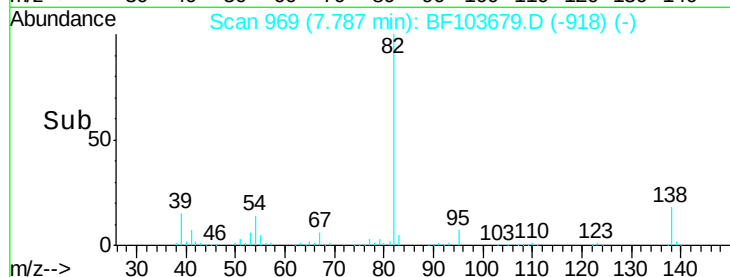
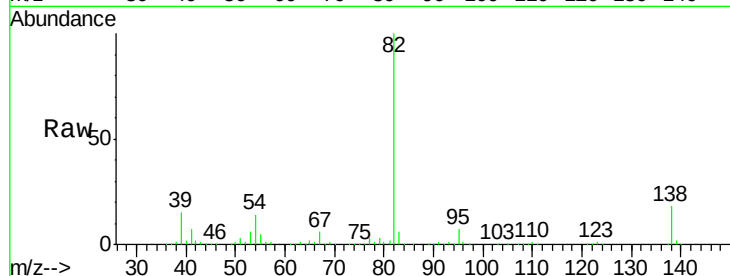
Tot Ion: 82 Resp: 977773

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 51.478 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

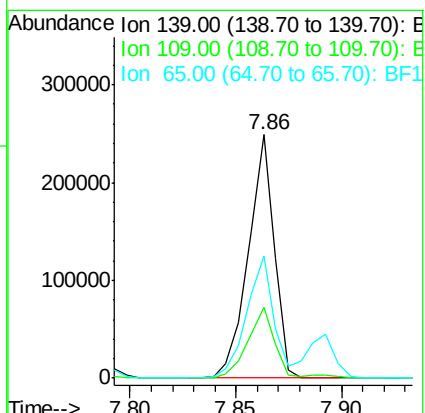
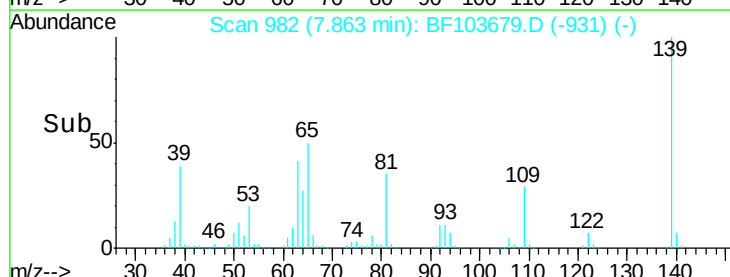
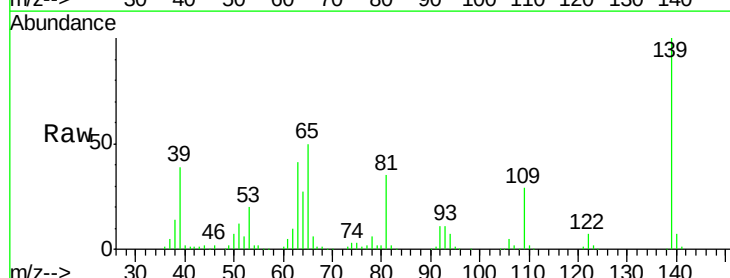
Tgt Ion: 139 Resp: 212885

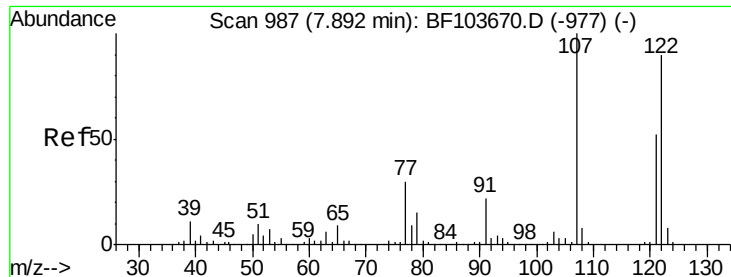
Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

65 49.9 40.5 60.7

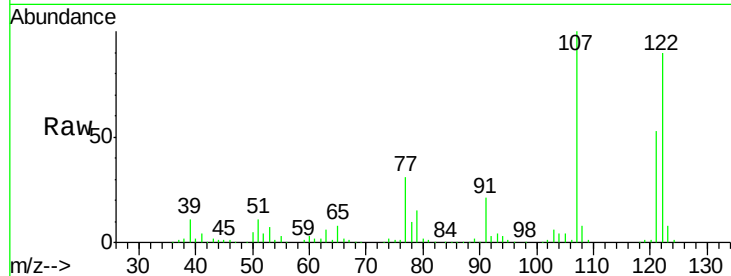




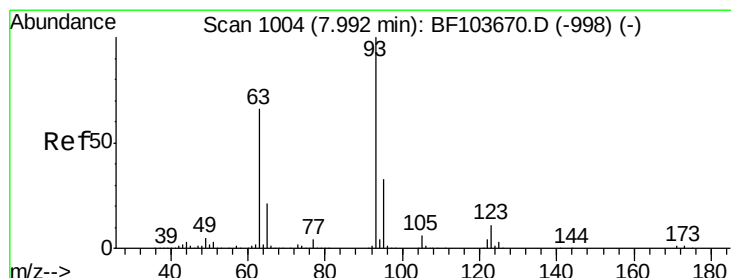
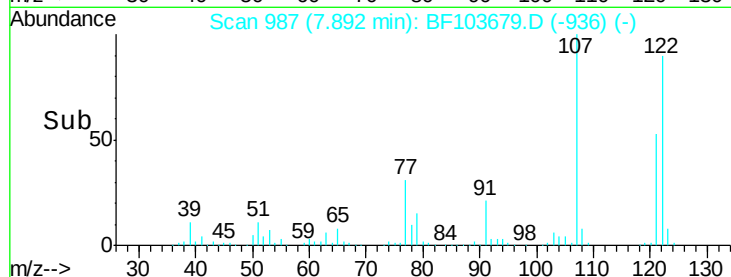
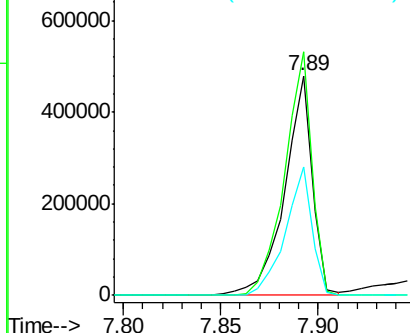
#27
 2,4-Dimethylphenol
 Concen: 52.253 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 471957
 Ion Ratio Lower Upper
 122 100
 107 110.8 91.2 136.8
 121 58.4 47.2 70.8

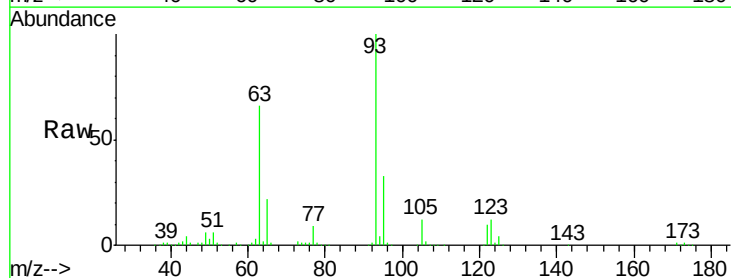


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

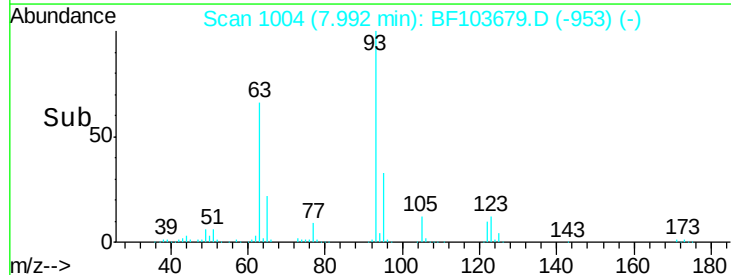
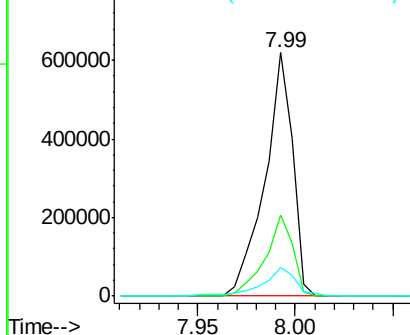


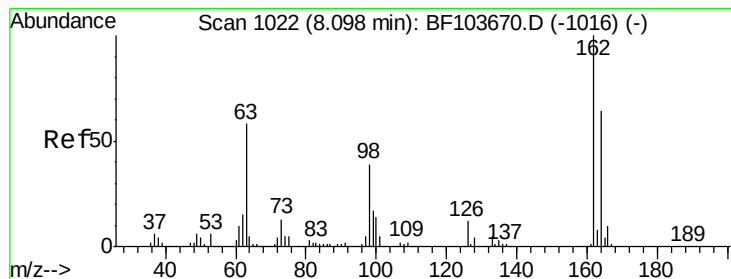
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.734 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion: 93 Resp: 609410
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.7 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: 48.585 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

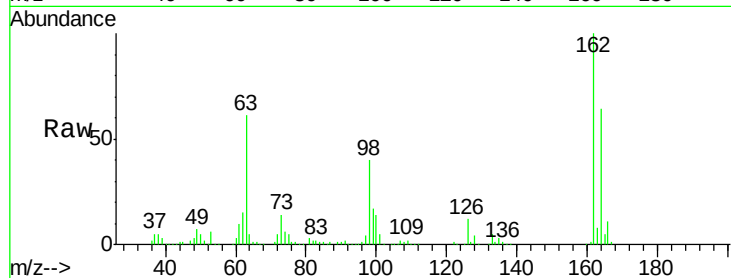
Tot Ion:162 Resp: 399239

Ion Ratio Lower Upper

162 100

164 63.7 42.7 82.7

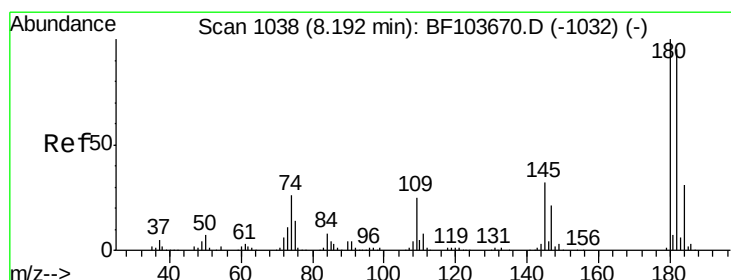
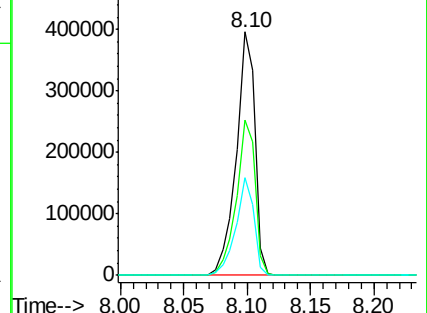
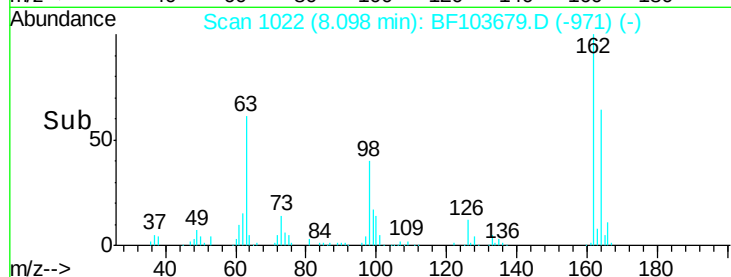
98 40.1 18.1 58.1



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: 43.002 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

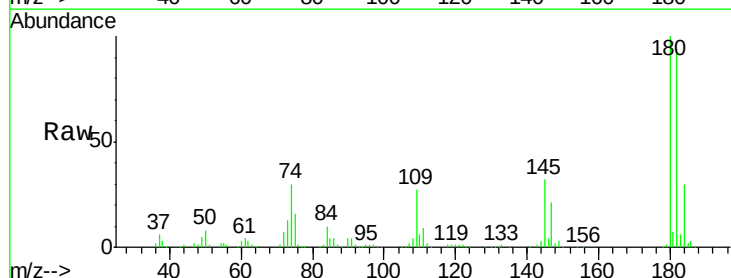
Tgt Ion:180 Resp: 409849

Ion Ratio Lower Upper

180 100

182 94.1 76.8 115.2

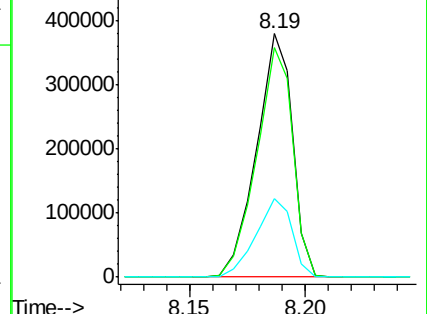
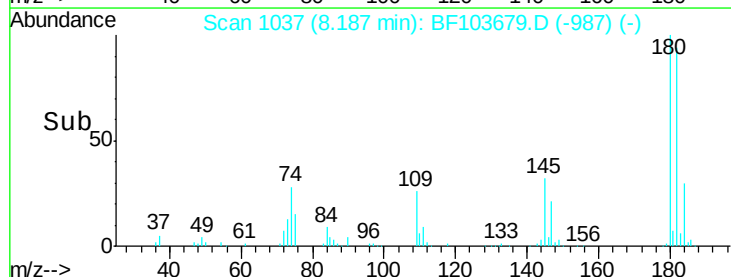
145 32.3 26.5 39.7

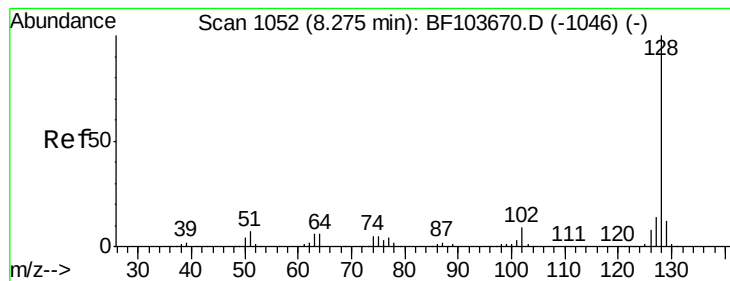


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.954 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

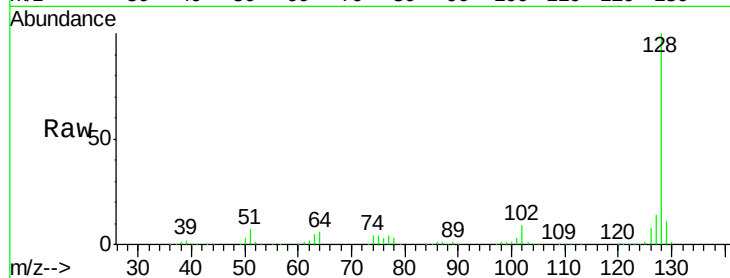
Tot Ion:128 Resp: 1410192

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

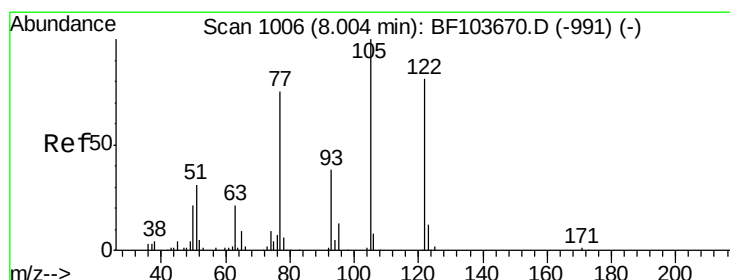
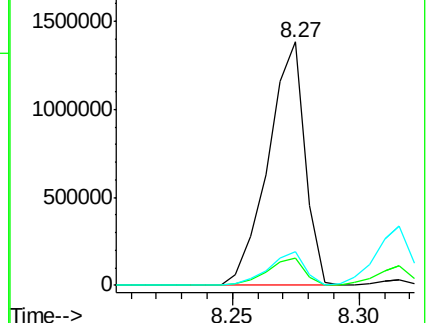
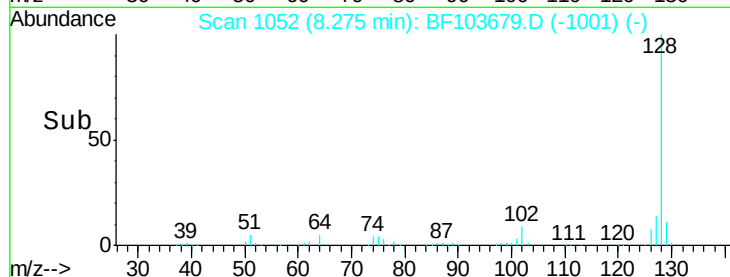
127 13.9 10.9 16.3



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: 44.341 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

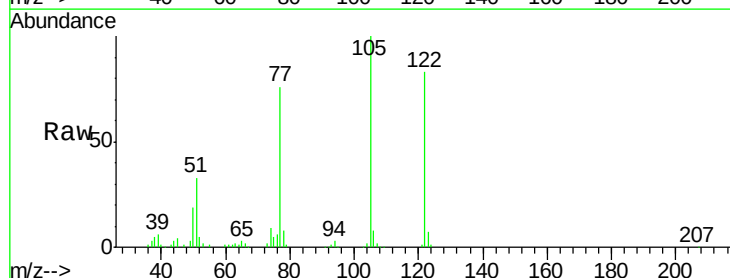
Tgt Ion:122 Resp: 276529

Ion Ratio Lower Upper

122 100

105 121.0 101.1 141.1

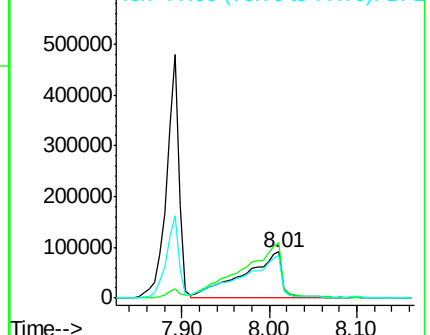
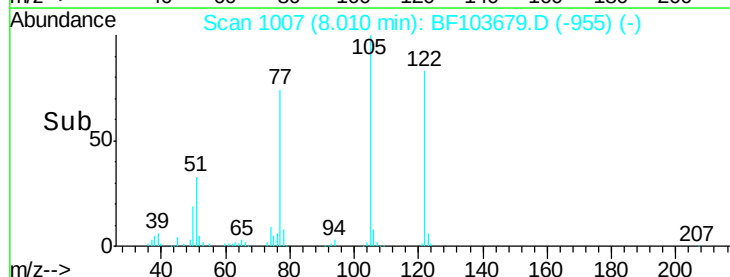
77 91.9 70.7 110.7

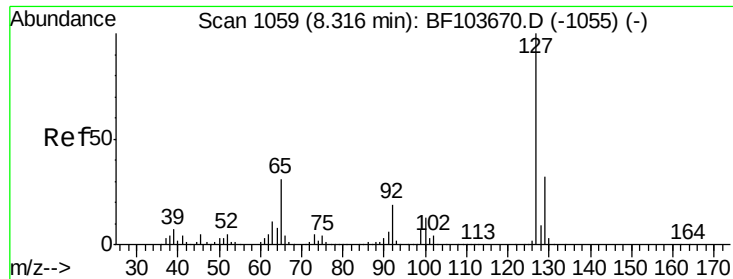


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

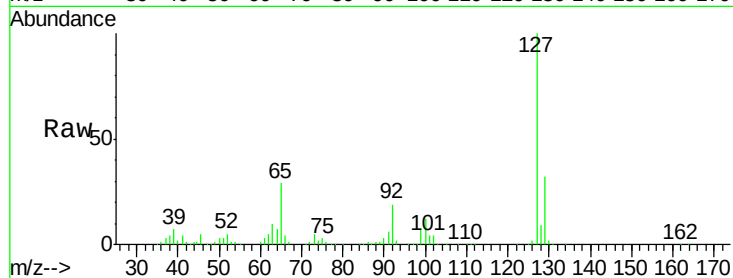




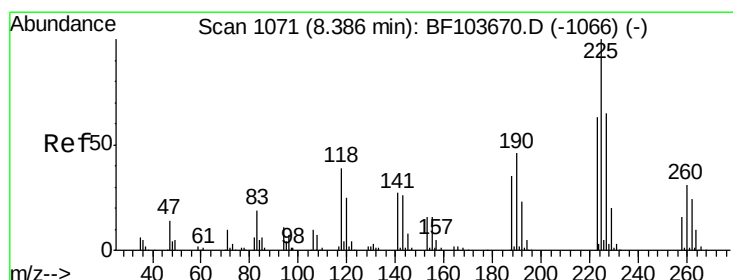
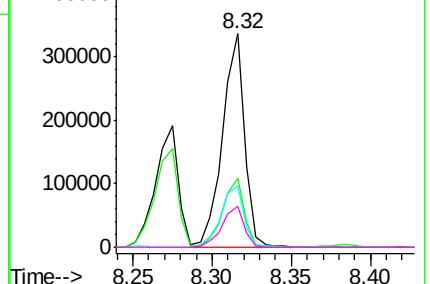
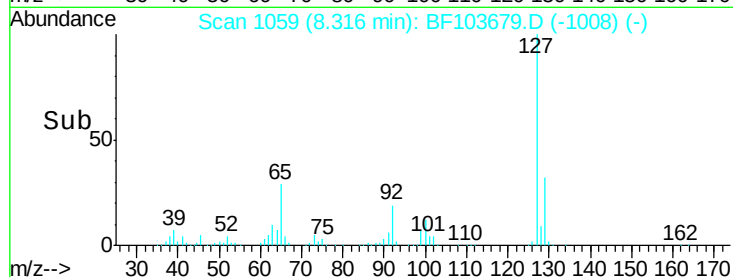
#33
4-Chloroaniline
Concen: 24.121 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	324663
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.9	25.0	37.4
92	18.9	15.2	22.8

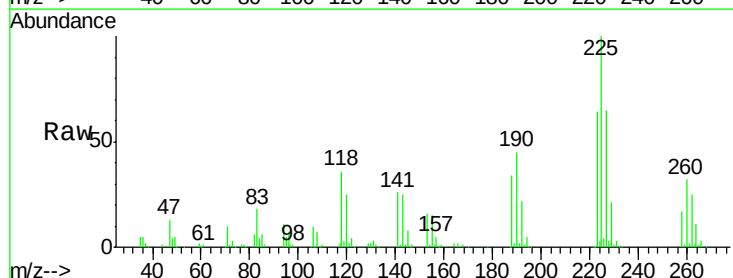


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

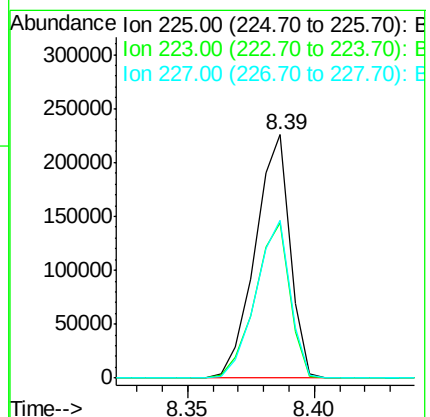
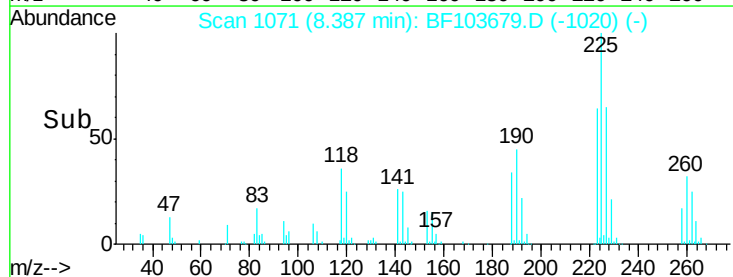


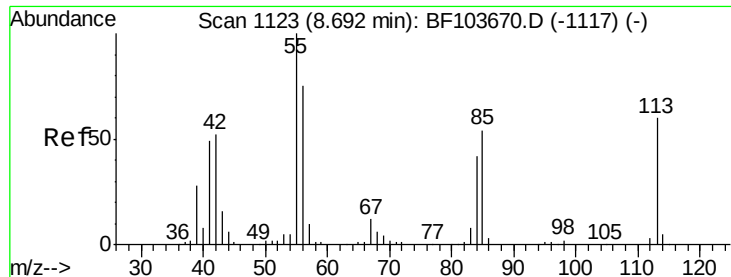
#34
Hexachlorobutadiene
Concen: 41.467 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:	225	Resp:	216690
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	64.6	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

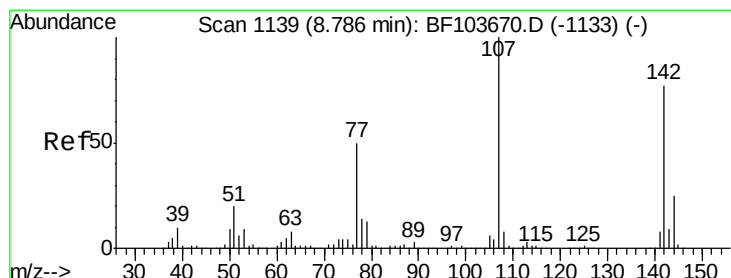
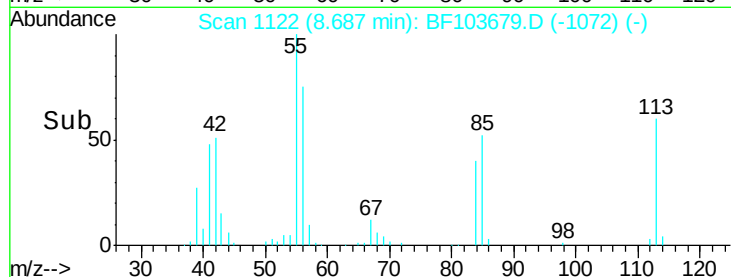
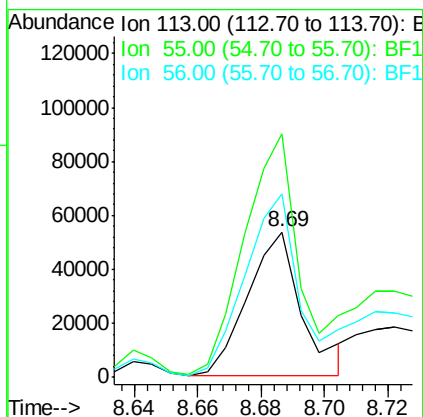
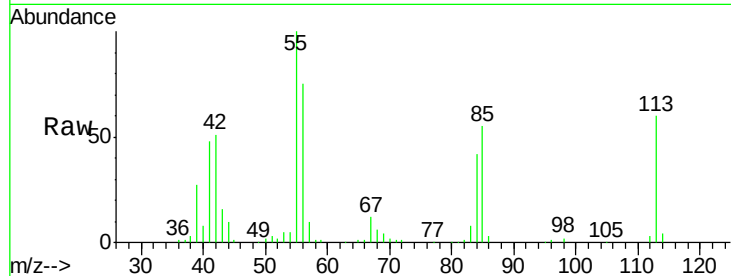




#35
 Caprolactam
 Concen: 22.626 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

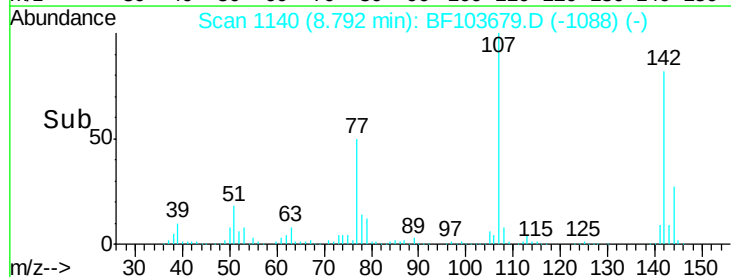
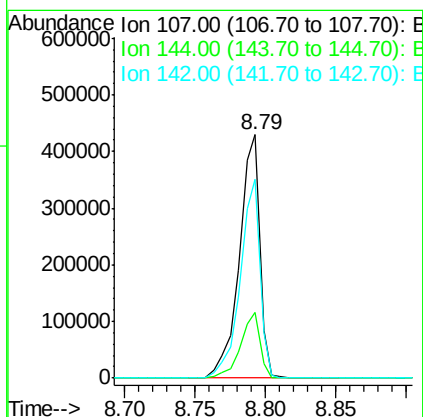
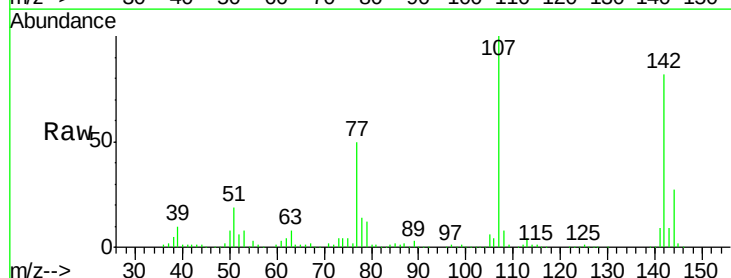
Instrument :
 BNA_F
 ClientSampled :

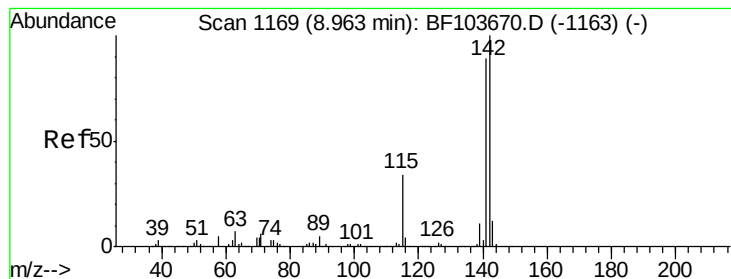
Tot Ion:113 Resp: 64022
 Ion Ratio Lower Upper
 113 100
 55 167.6 163.3 203.3
 56 126.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.044 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:107 Resp: 435228
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 81.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 45.500 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

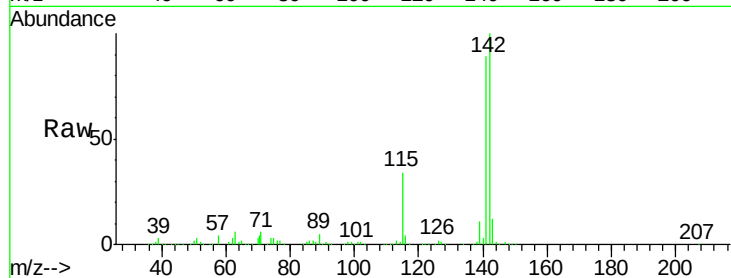
Tot Ion:142 Resp: 925735

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

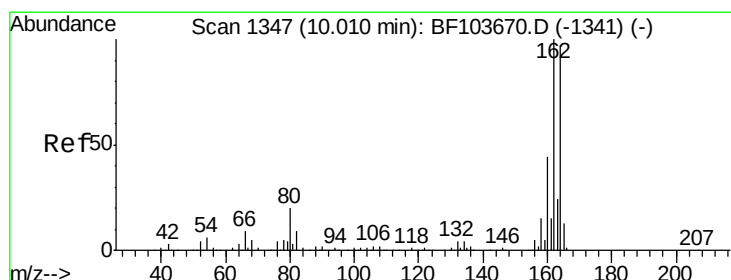
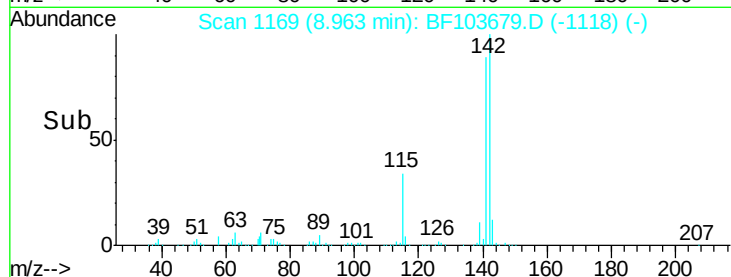
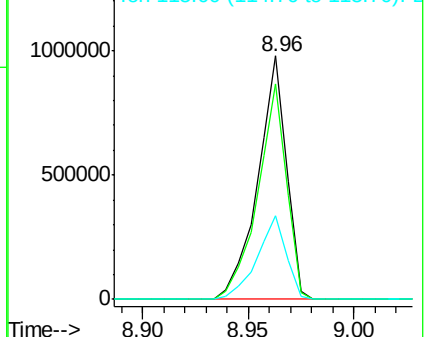
115 34.2 26.1 39.1



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: BF103679.D

Acq: 15 Mar 2018 20:15

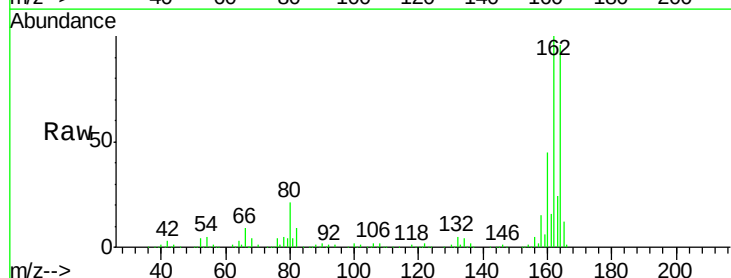
Tgt Ion:164 Resp: 297794

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

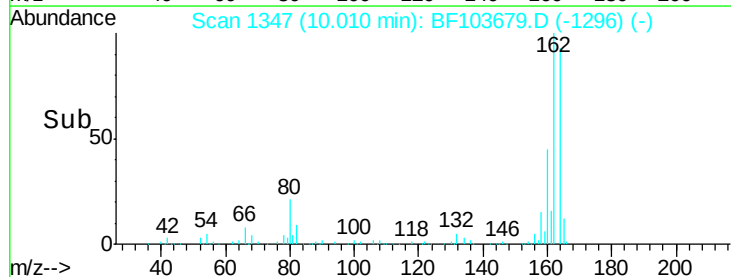
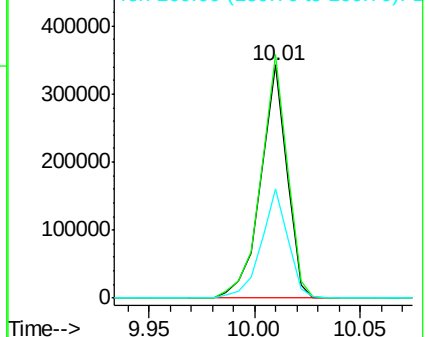
160 46.6 38.3 57.5

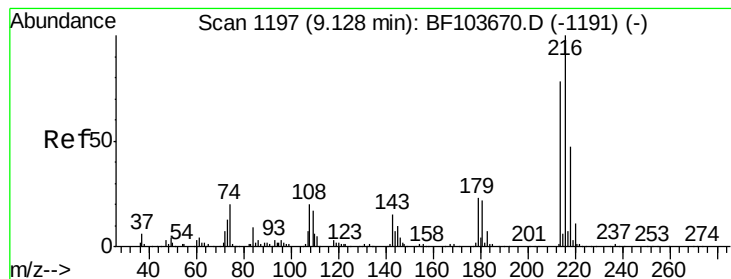


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.767 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 363335

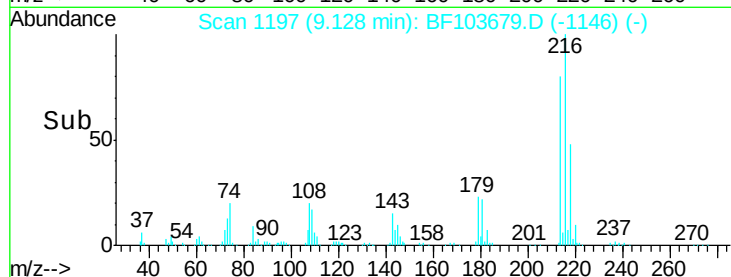
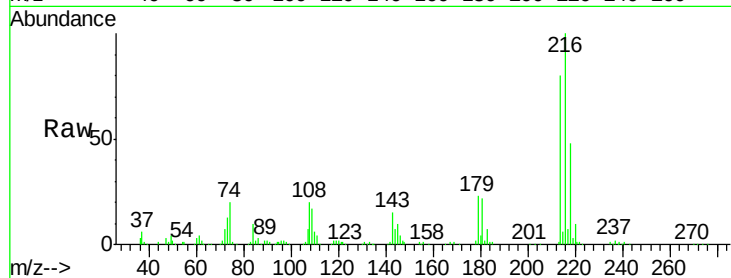
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 22.5 18.1 27.1

108 24.8 17.2 25.8

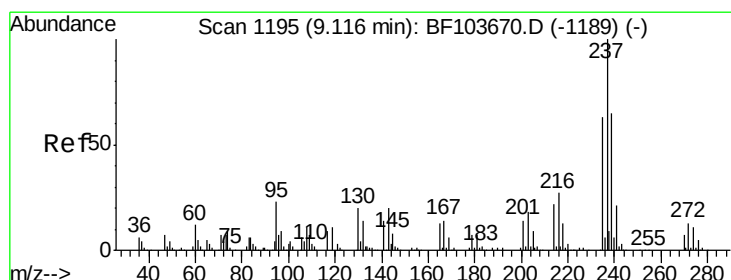
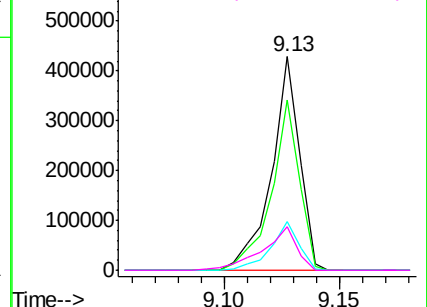


Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.372 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

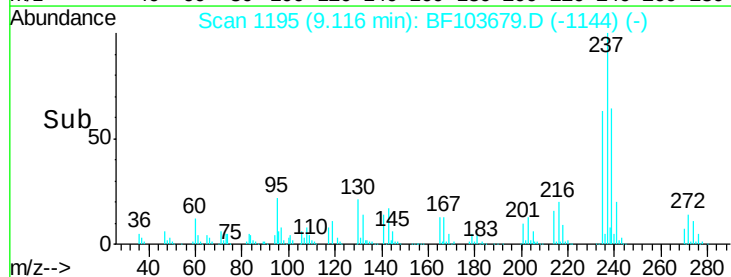
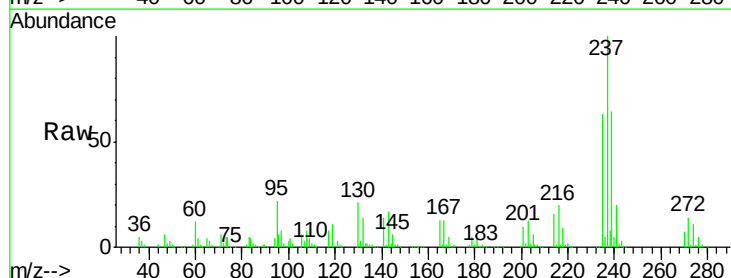
Tgt Ion:237 Resp: 448778

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

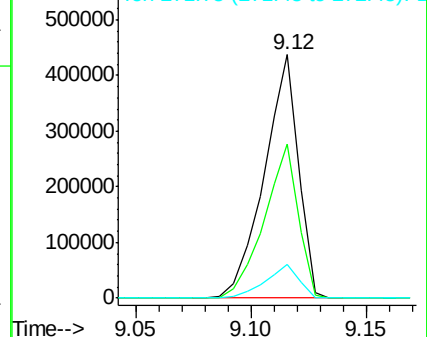
272 13.9 0.0 33.3

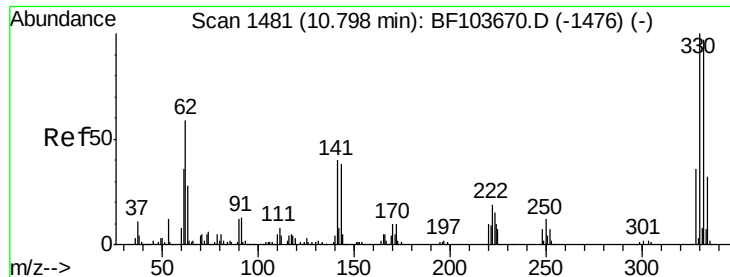


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

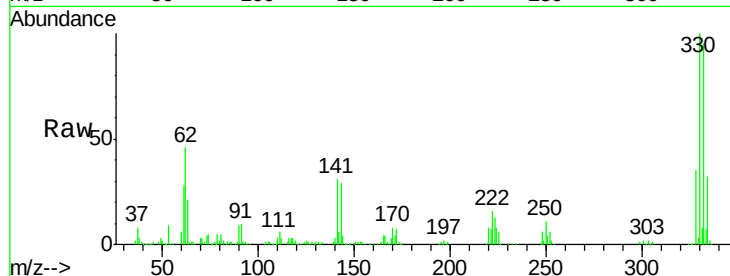




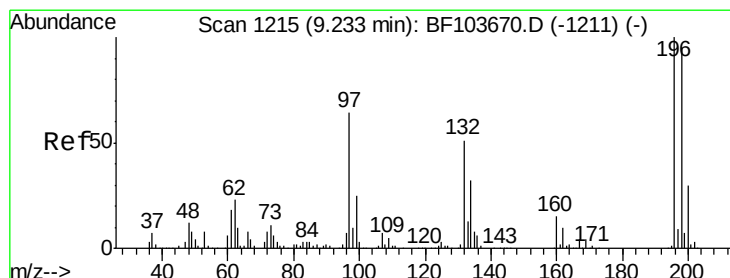
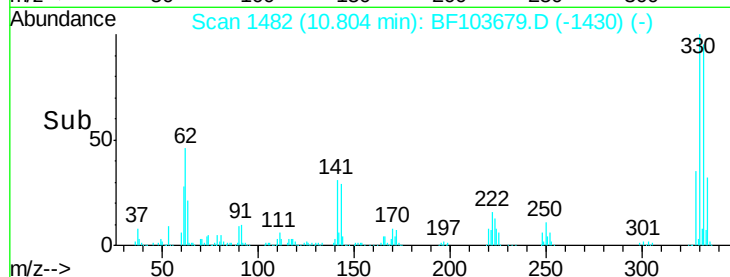
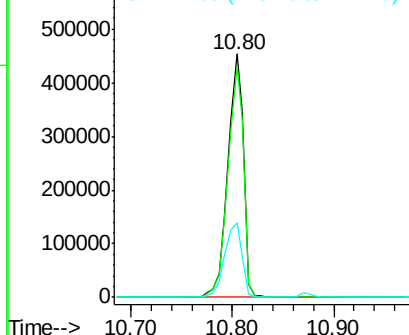
#41
 2,4,6-Tribromophenol
 Concen: 190.548 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 487890
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 34.0 29.9 44.9

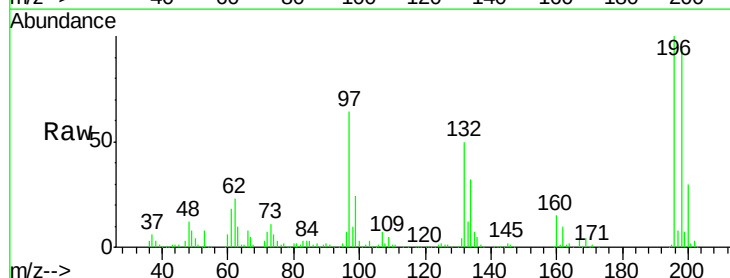


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

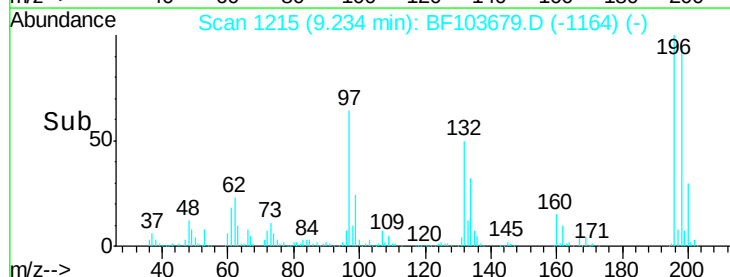
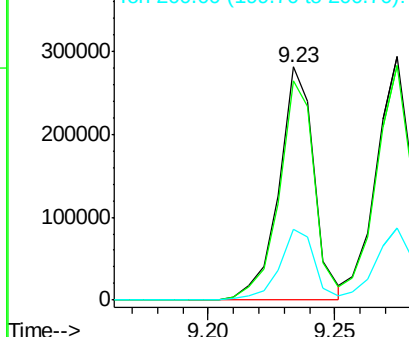


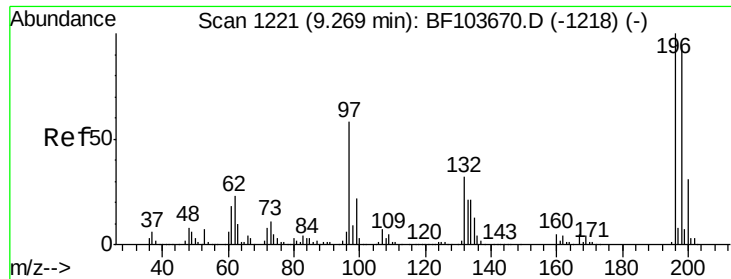
#42
 2,4,6-Trichlorophenol
 Concen: 50.110 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:196 Resp: 272305
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 30.3 24.5 36.7



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

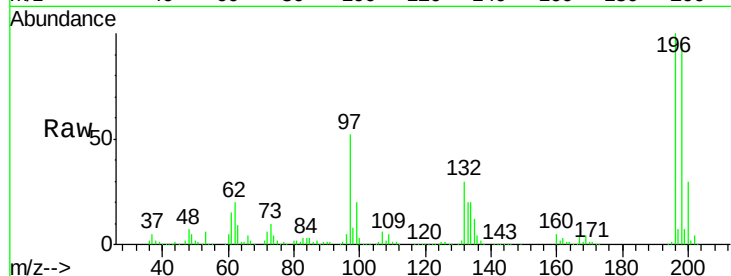




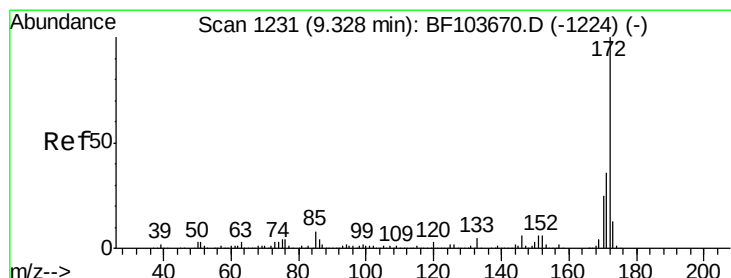
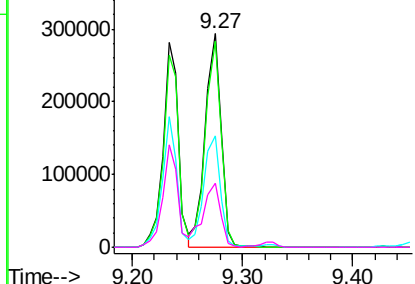
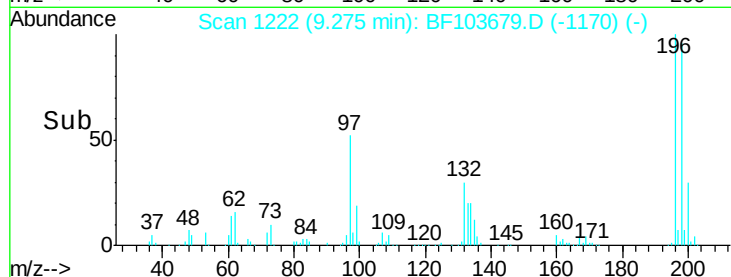
#43
 2,4,5-Trichlorophenol
 Concen: 46.519 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 285320
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.6 112.0
 97 52.0 42.9 64.3
 132 30.1 26.3 39.5

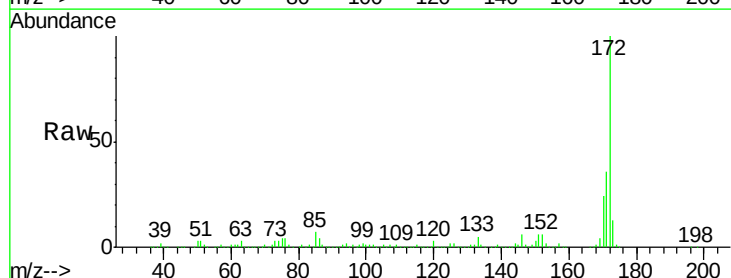


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

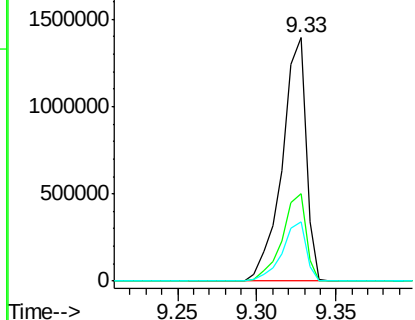
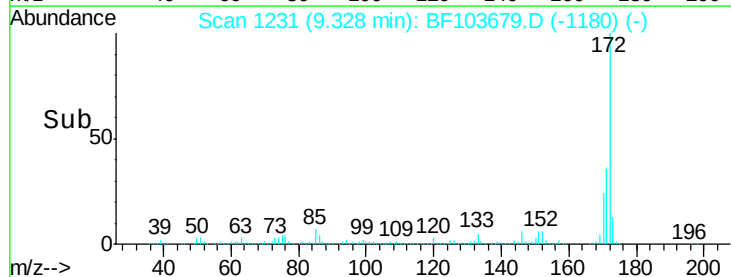


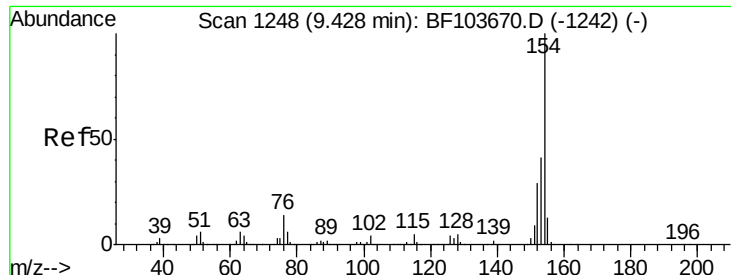
#44
 2-Fluorobiphenyl
 Concen: 78.362 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:172 Resp: 1462927
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.2 19.6 29.4



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

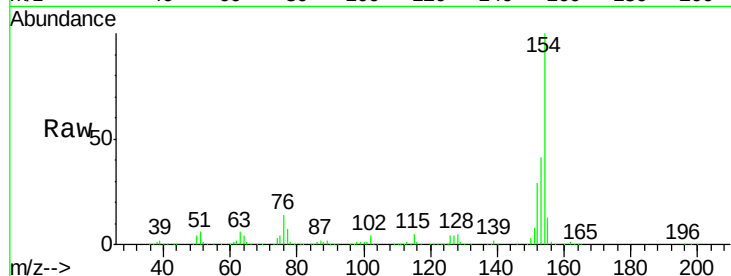




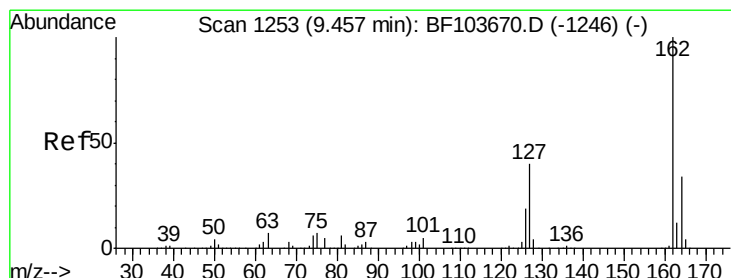
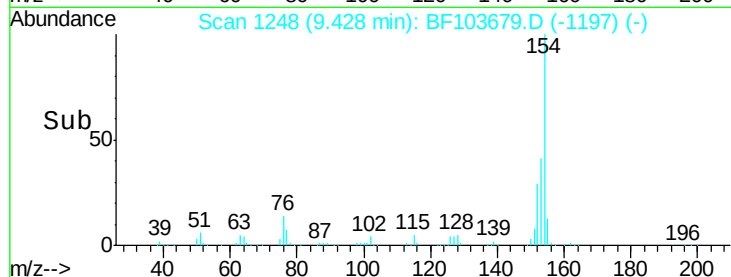
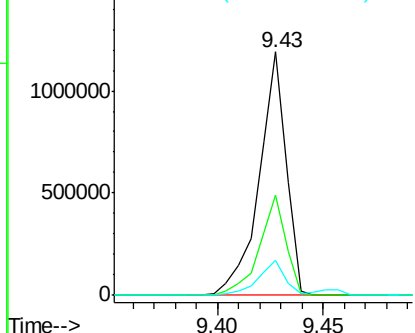
#45
 1,1'-Biphenyl
 Concen: 42.709 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1060542
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 14.1 0.0 34.0

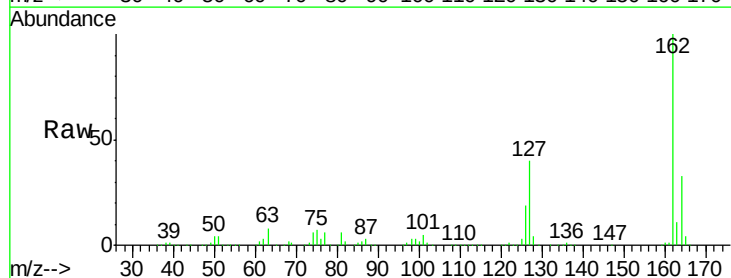


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

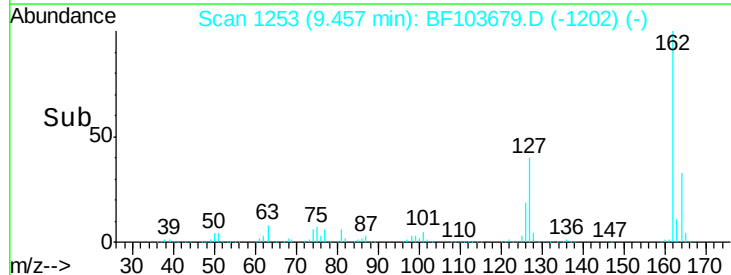
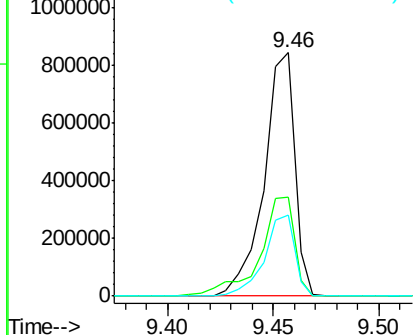


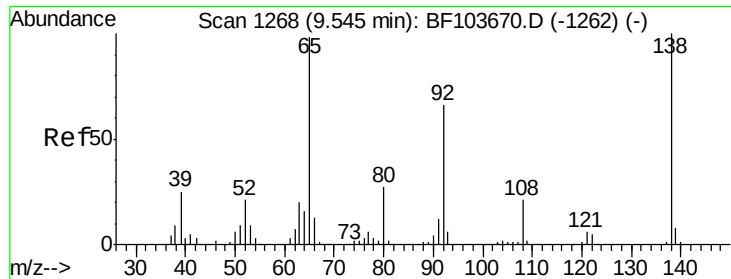
#46
 2-Chloronaphthalene
 Concen: 43.243 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:162 Resp: 852867
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.9 50.9
 164 33.4 26.5 39.7



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

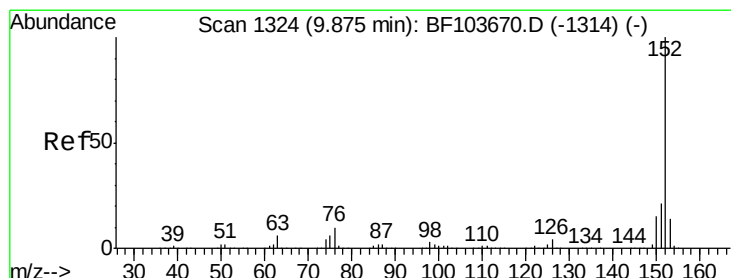
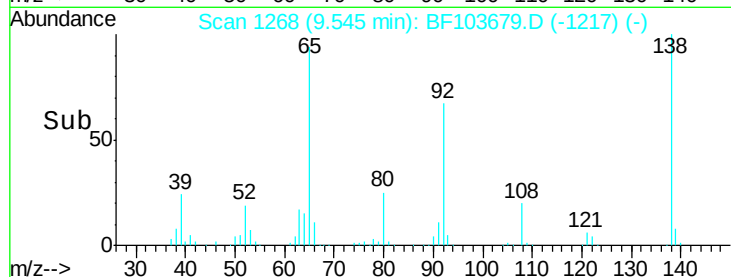
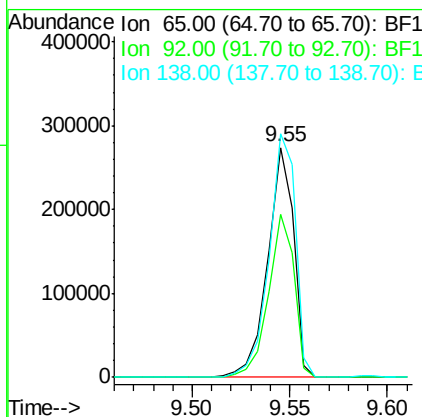
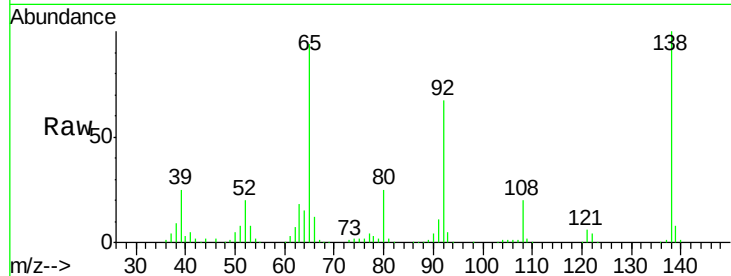




#47
 2-Nitroaniline
 Concen: 48.834 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

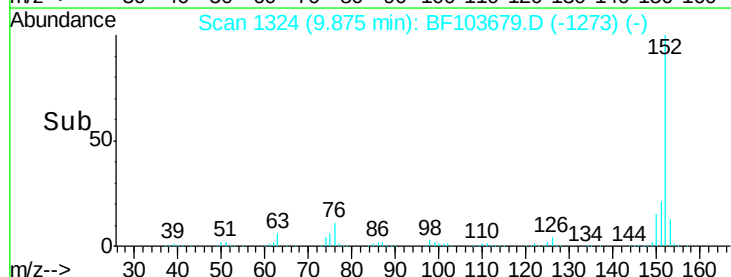
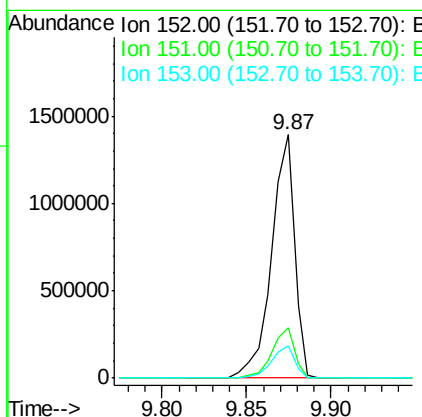
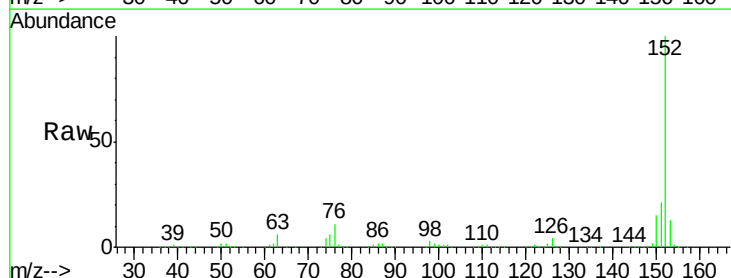
Instrument :
 BNA_F
 ClientSampleId :

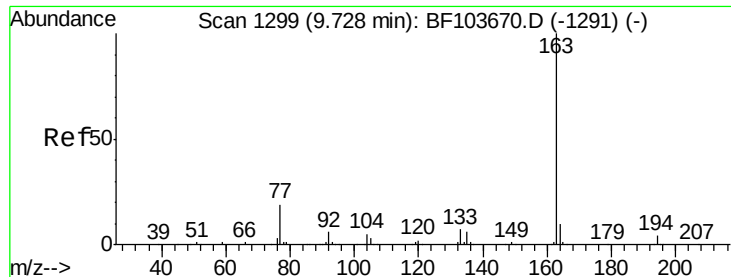
Tot Ion: 65 Resp: 252673
 Ion Ratio Lower Upper
 65 100
 92 71.0 55.8 83.6
 138 106.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 42.883 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion: 152 Resp: 1311537
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.4 10.7 16.1

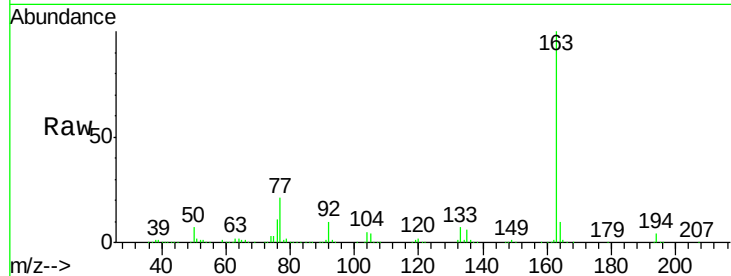




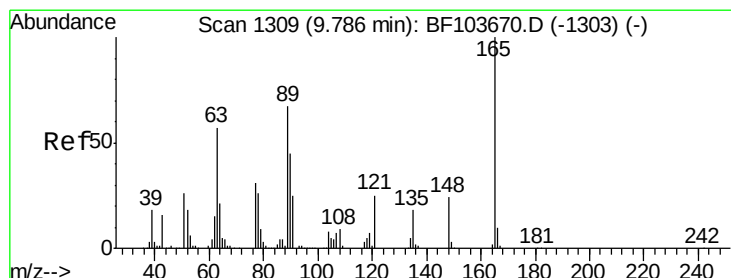
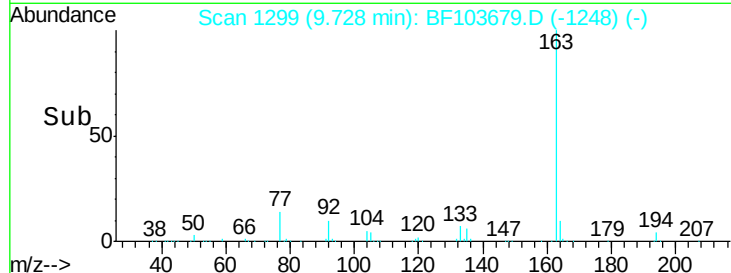
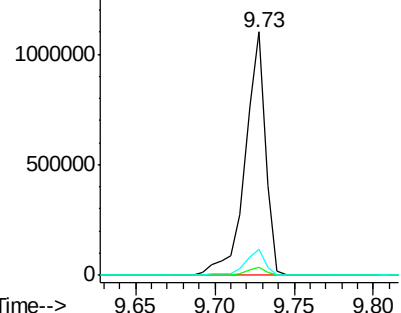
#49
Dimethylphthalate
Concen: 43.243 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 982486
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2

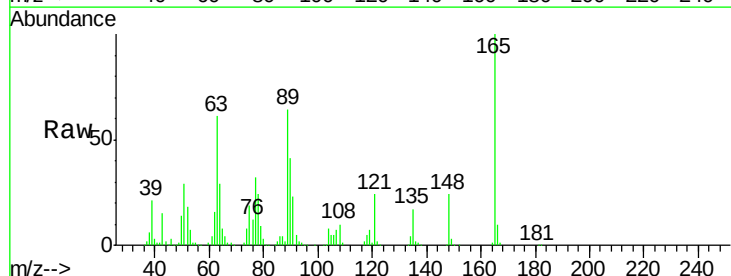


Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

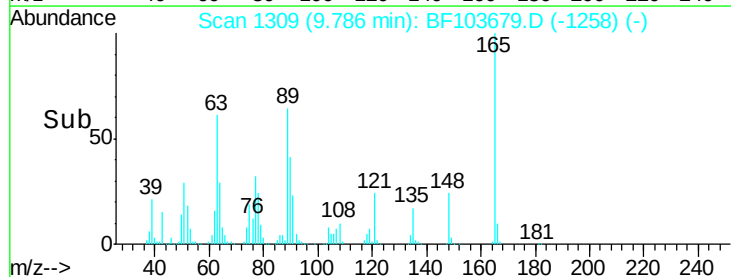
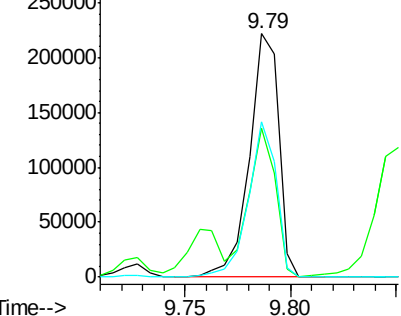


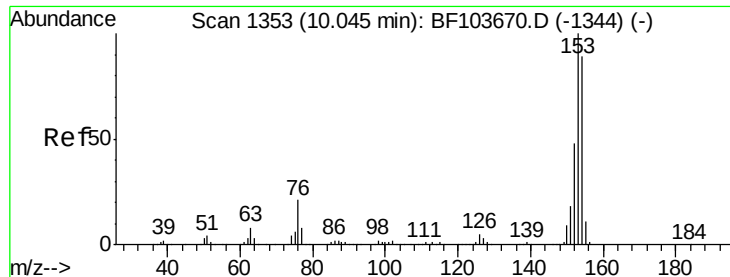
#50
2,6-Dinitrotoluene
Concen: 48.759 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:165 Resp: 214602
Ion Ratio Lower Upper
165 100
63 60.9 44.7 67.1
89 64.0 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
300000 Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 47.508 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

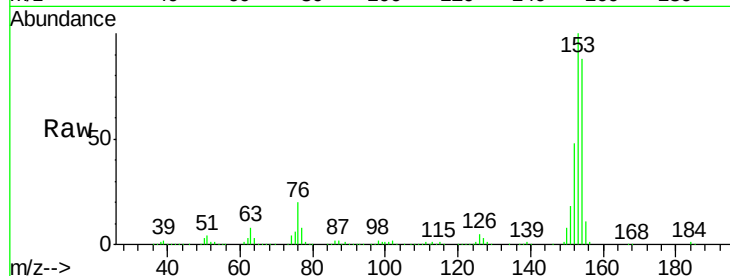
Tot Ion:154 Resp: 862729

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

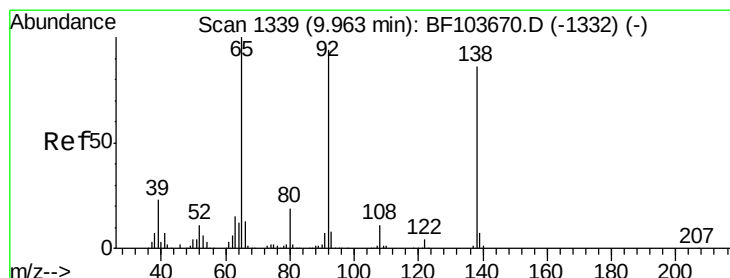
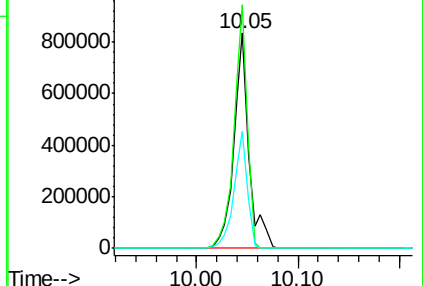
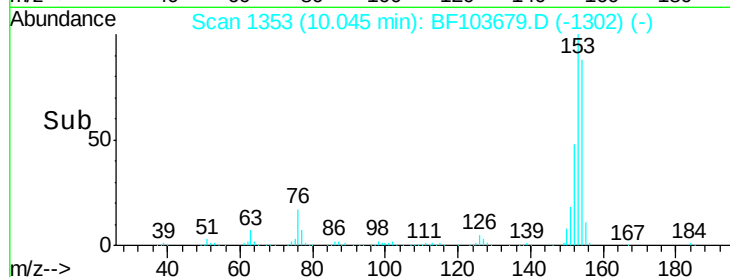
152 54.2 43.8 65.8



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: 32.676 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

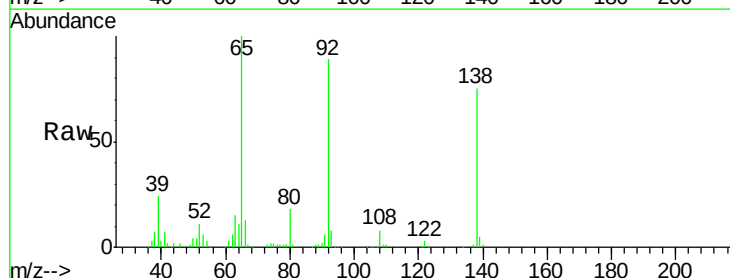
Tgt Ion:138 Resp: 165151

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

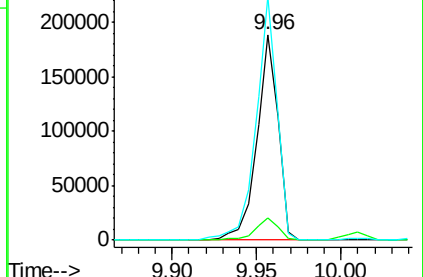
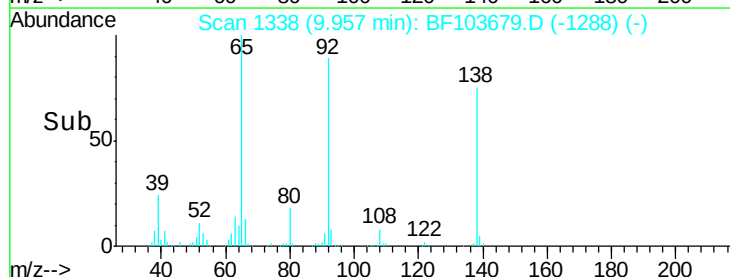
92 118.6 89.4 134.2

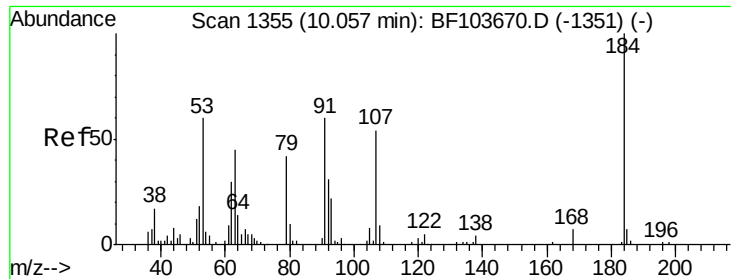


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

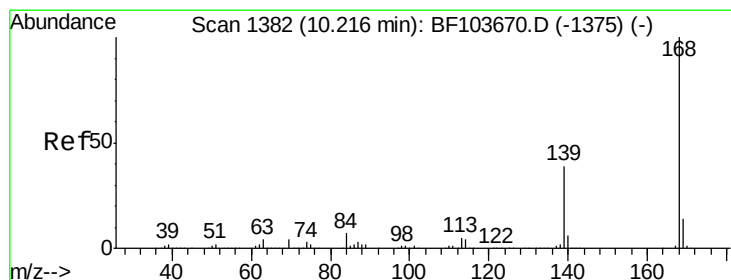
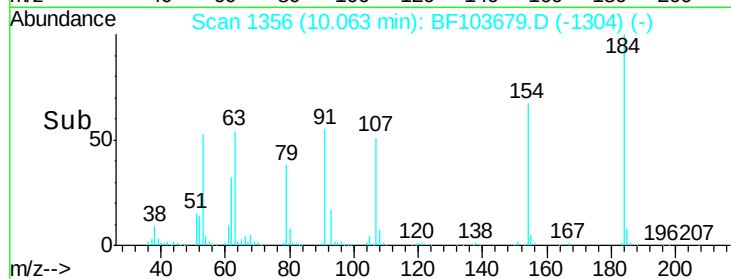
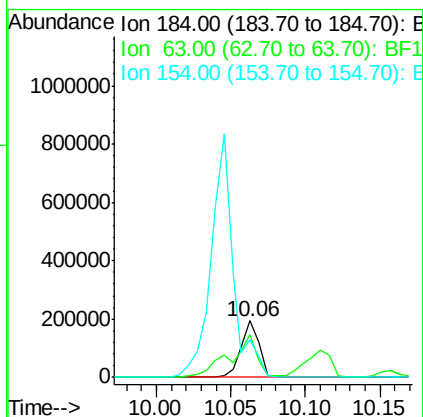
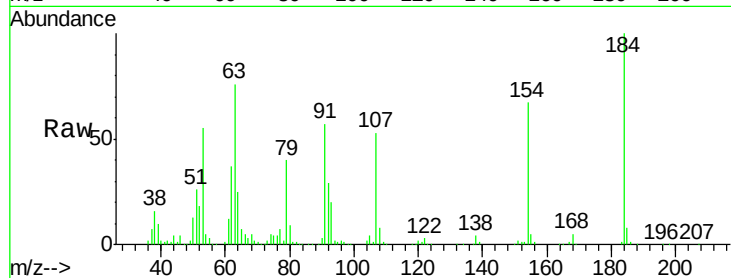




#53
2,4-Dinitrophenol
Concen: 100.270 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

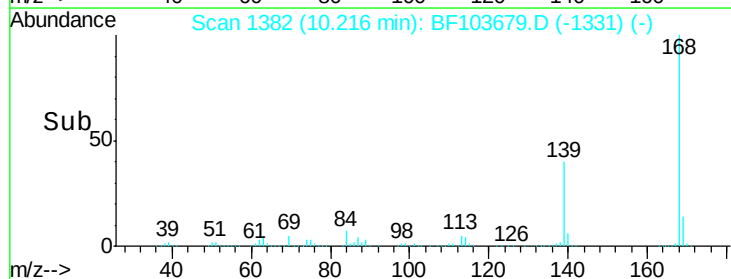
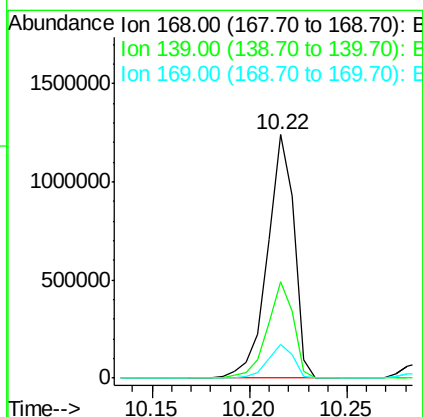
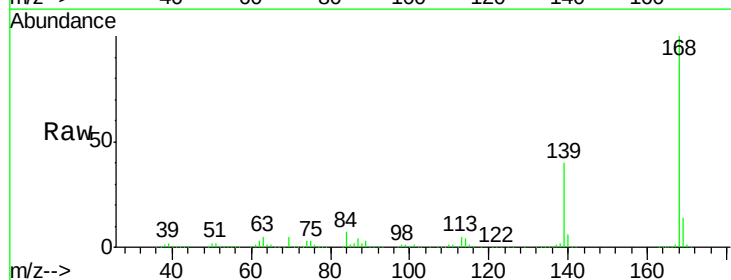
Instrument :
BNA_F
ClientSampleId :

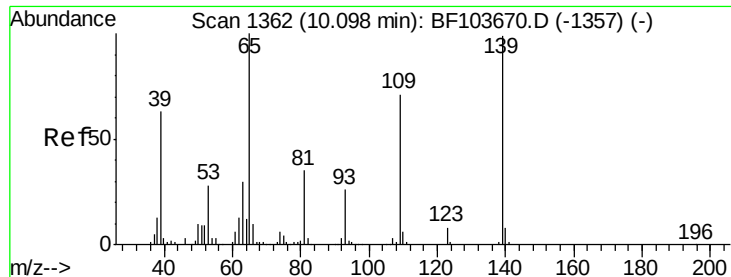
Tot Ion:184 Resp: 162982
Ion Ratio Lower Upper
184 100
63 76.4 54.2 81.2
154 66.9 184.0 276.0#



#54
Dibenzofuran
Concen: 45.027 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:168 Resp: 1167829
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.7 10.9 16.3

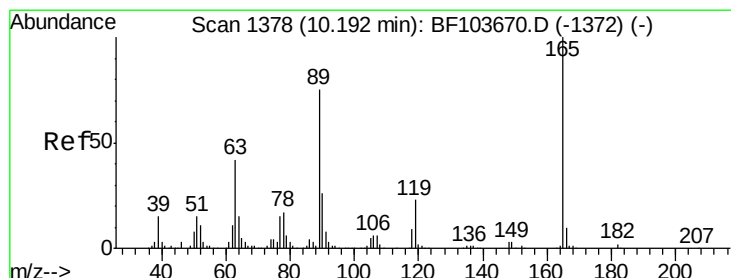
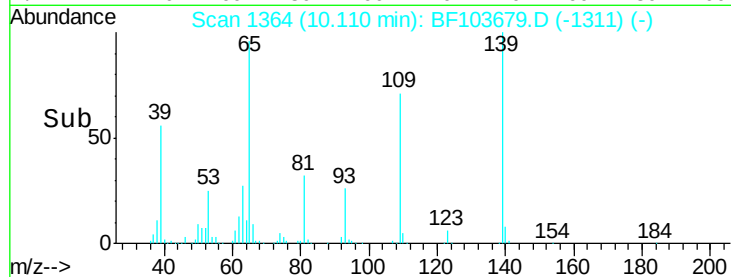
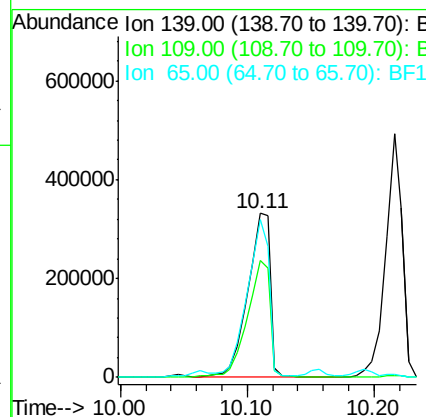
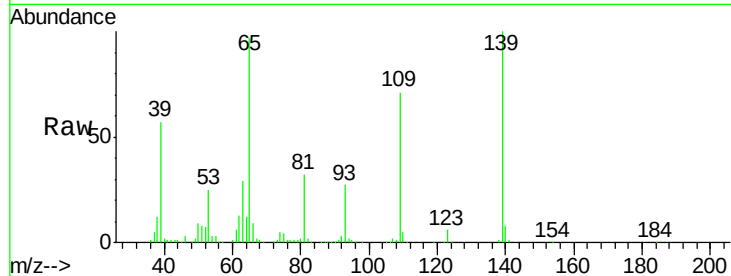




#55
4-Nitrophenol
Concen: 97.099 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

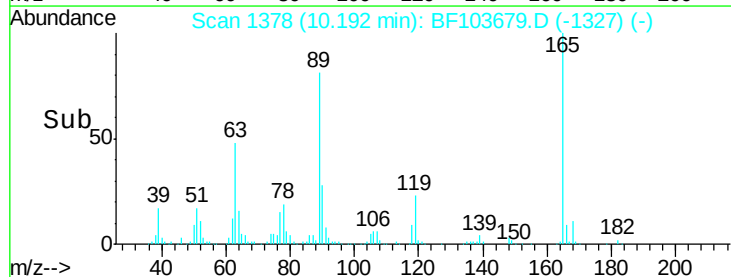
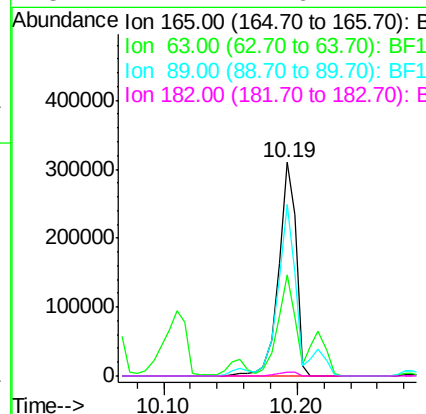
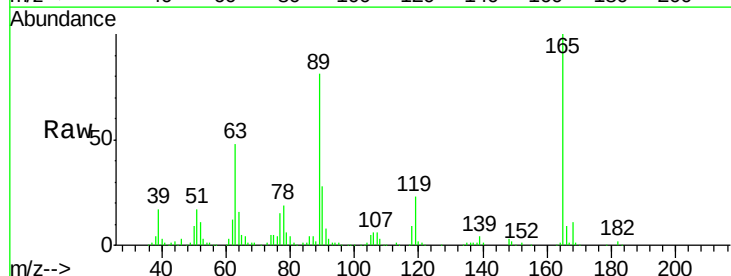
Instrument :
BNA_F
ClientSampleId :

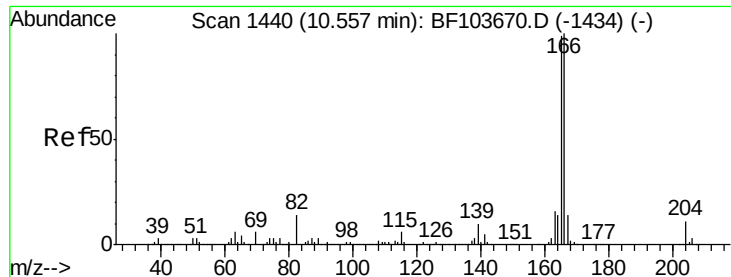
Tot Ion:139 Resp: 408609
Ion Ratio Lower Upper
139 100
109 71.2 48.4 88.4
65 96.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 50.749 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:165 Resp: 284856
Ion Ratio Lower Upper
165 100
63 47.6 36.4 54.6
89 80.5 57.8 86.6
182 2.1 1.6 2.4

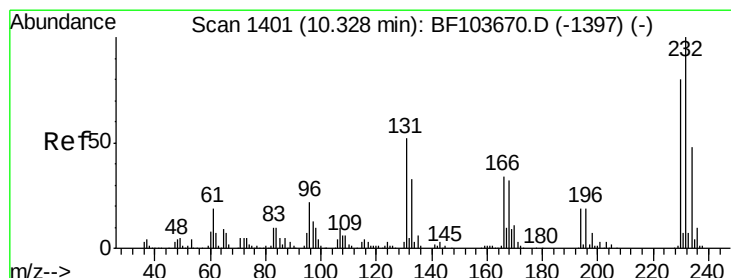
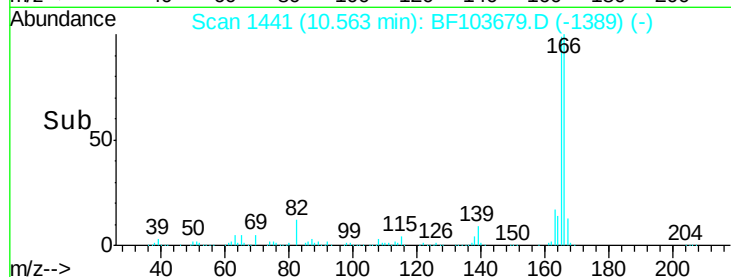
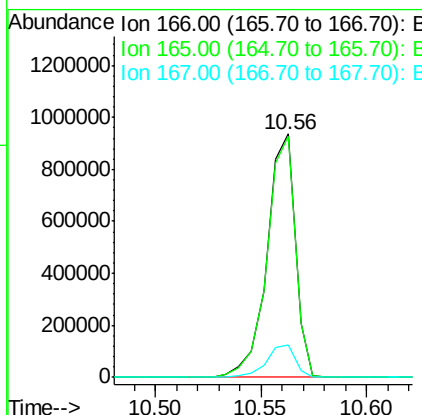
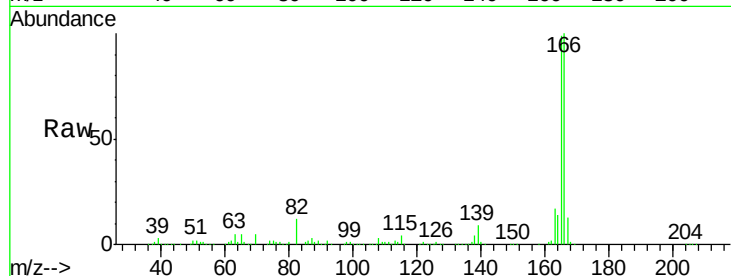




#57
 Fluorene
 Concen: 43.421 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

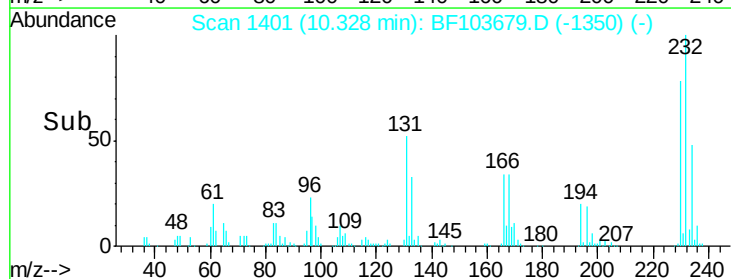
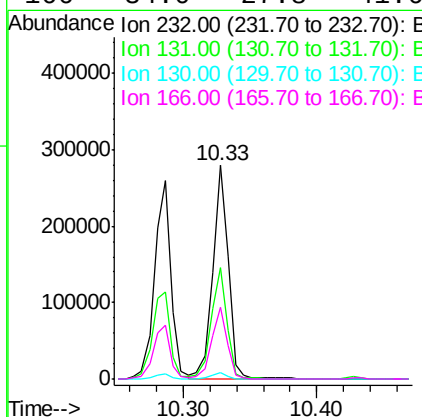
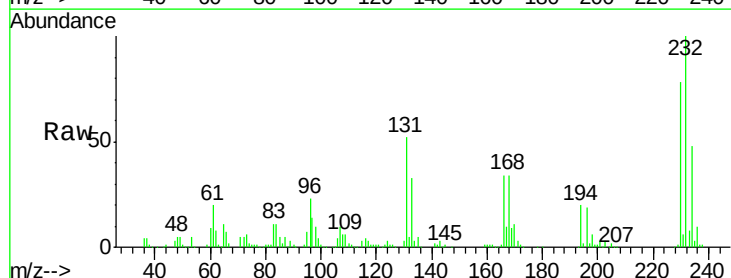
Instrument :
 BNA_F
 ClientSampleId :

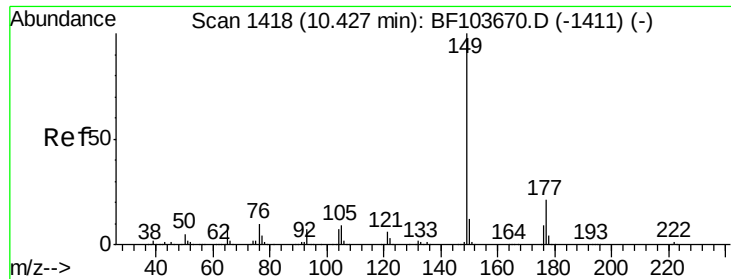
Tot Ion:166 Resp: 873889
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.663 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:232 Resp: 228874
 Ion Ratio Lower Upper
 232 100
 131 52.4 43.8 65.8
 130 2.7 2.1 3.1
 166 34.0 27.8 41.6





#59

Diethylphthalate

Concen: 43.068 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampled :

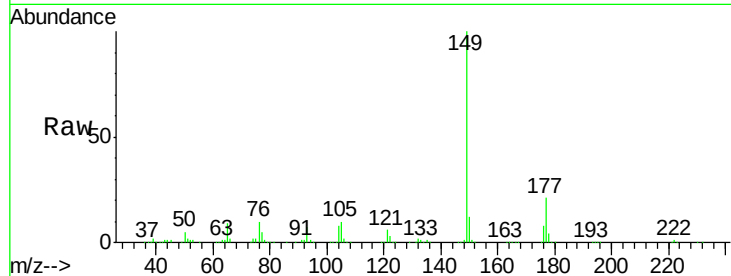
Tot Ion:149 Resp: 971197

Ion Ratio Lower Upper

149 100

177 20.7 16.1 24.1

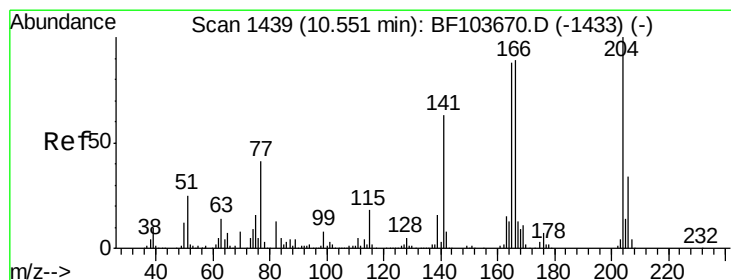
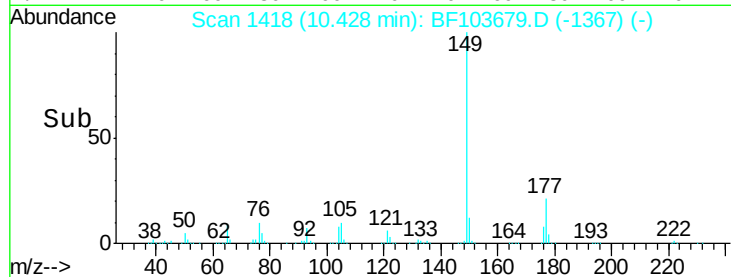
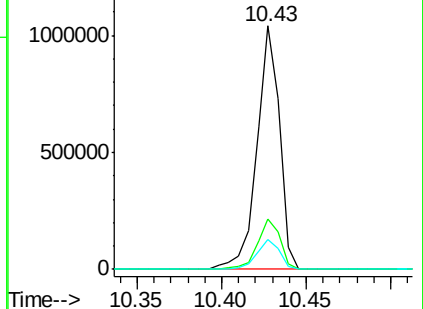
150 12.5 10.1 15.1



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: 42.915 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

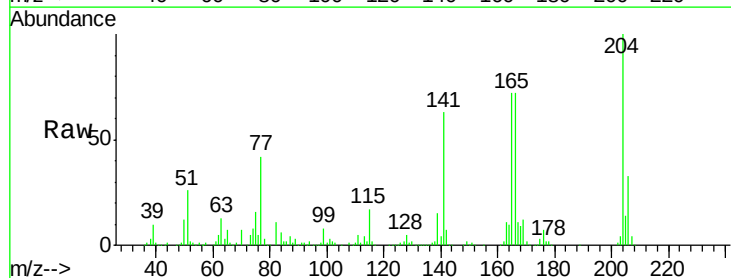
Tgt Ion:204 Resp: 394719

Ion Ratio Lower Upper

204 100

206 32.9 26.5 39.7

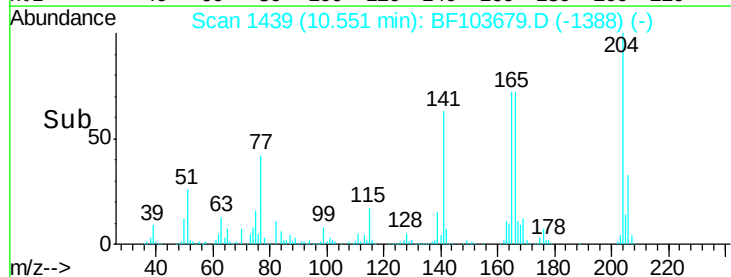
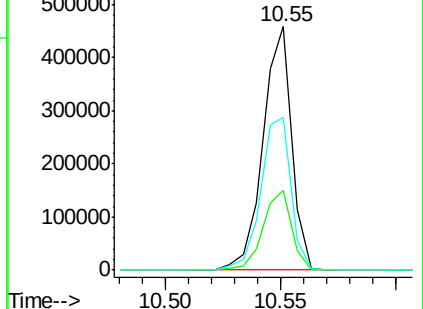
141 62.9 54.6 81.8

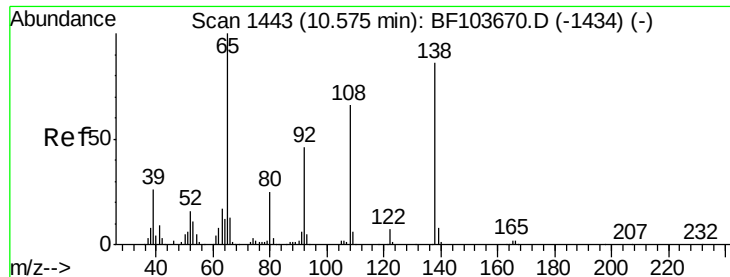


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

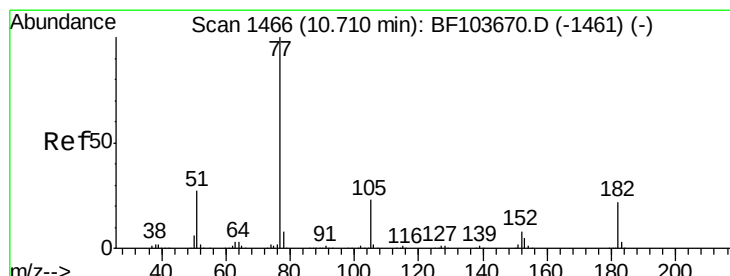
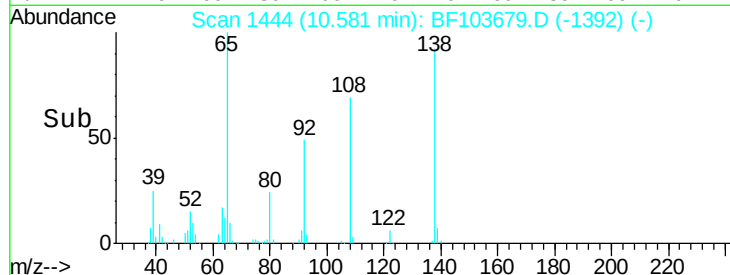
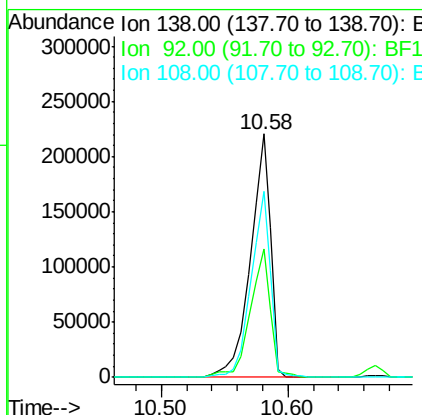
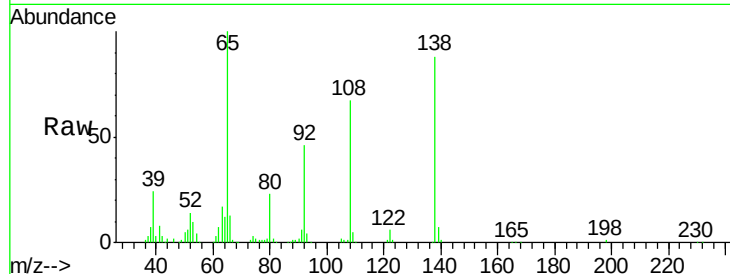




#61
 4-Nitroaniline
 Concen: 48.354 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

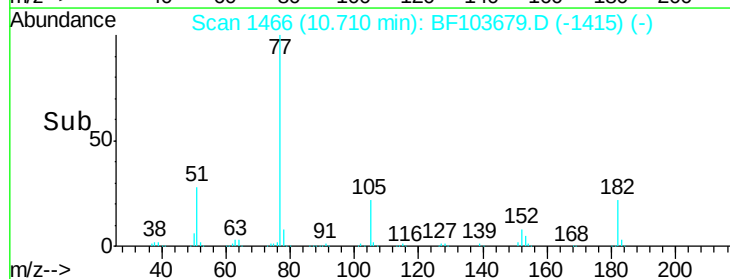
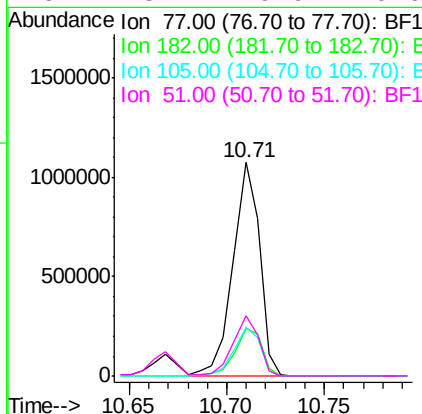
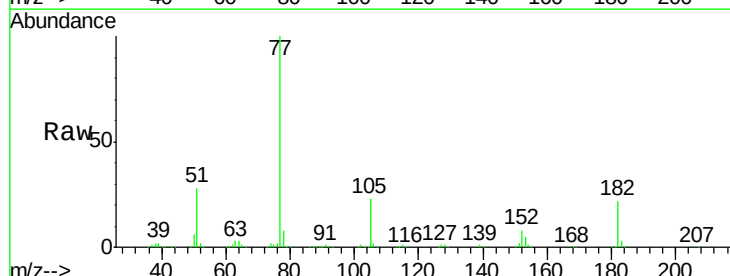
Instrument :
 BNA_F
 ClientSampled :

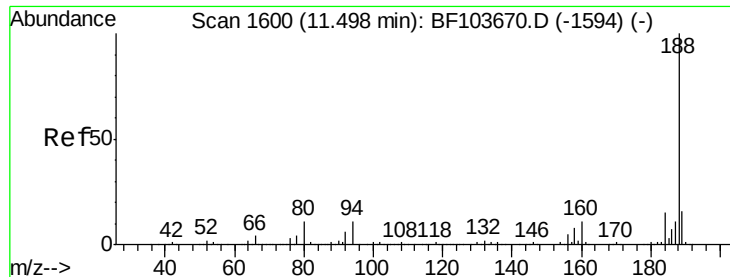
Tot Ion:138 Resp: 245289
 Ion Ratio Lower Upper
 138 100
 92 52.9 30.2 70.2
 108 76.4 52.5 92.5



#62
 Azobenzene
 Concen: 44.259 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion: 77 Resp: 1014712
 Ion Ratio Lower Upper
 77 100
 182 22.0 1.7 41.7
 105 22.9 3.0 43.0
 51 28.2 9.9 49.9

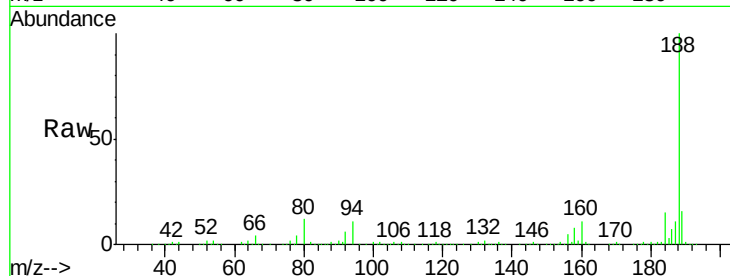




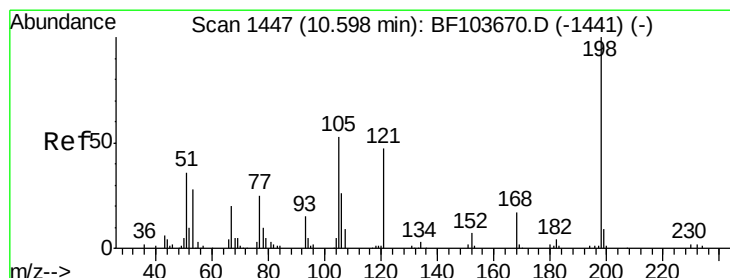
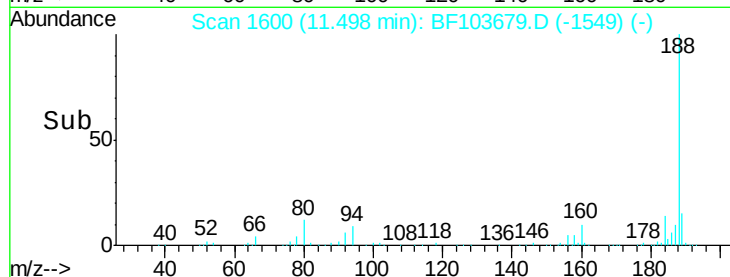
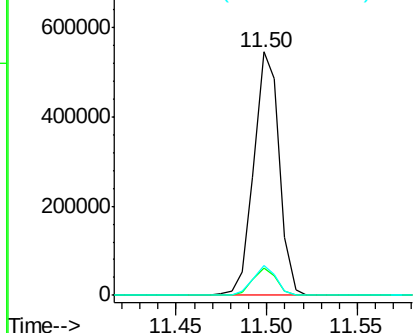
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 530920
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.3 9.2 13.8

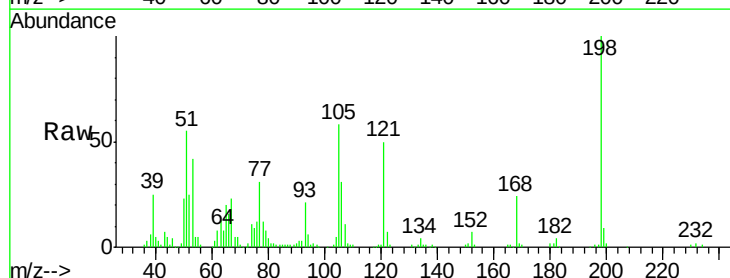


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

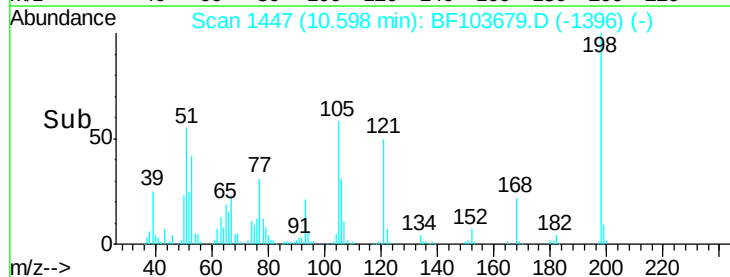
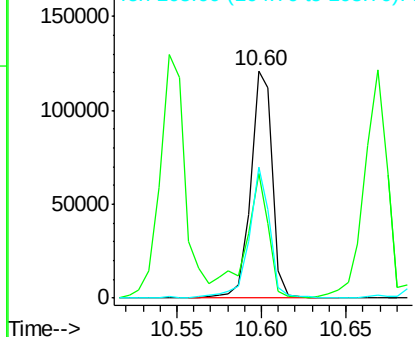


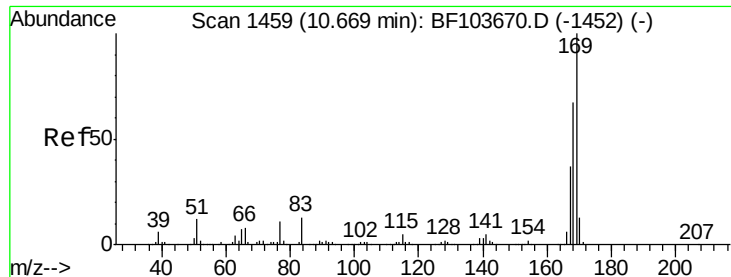
#64
4,6-Dinitro-2-methylphenol
Concen: 52.798 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:198 Resp: 108129
Ion Ratio Lower Upper
198 100
51 55.0 37.7 77.7
105 57.8 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

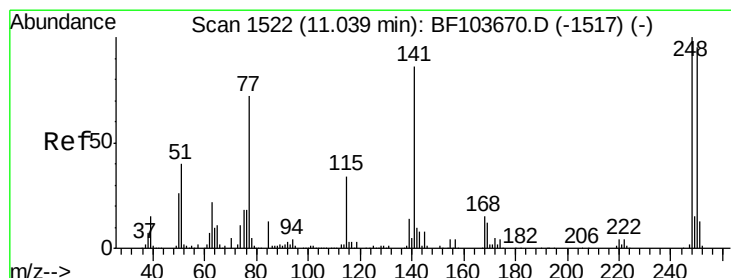
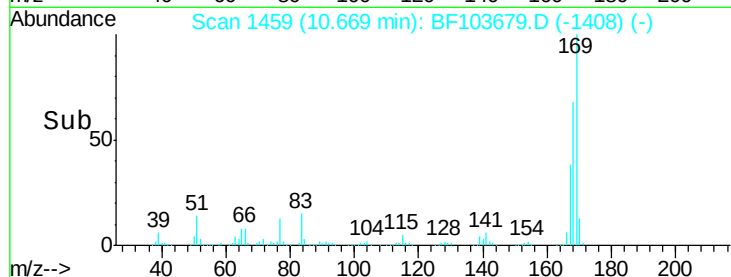
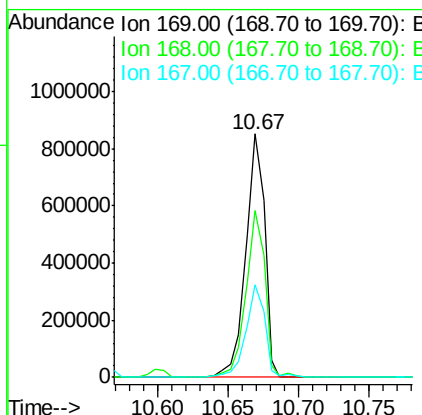
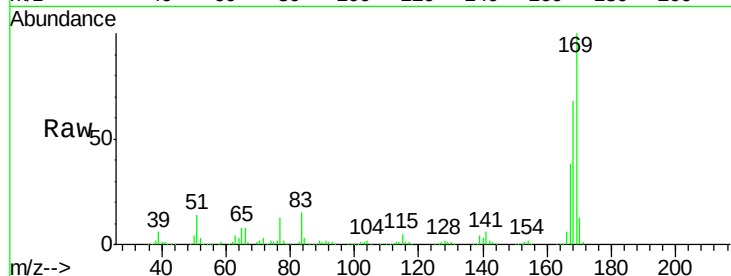




#65
 n-Nitrosodiphenylamine
 Concen: 44.192 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

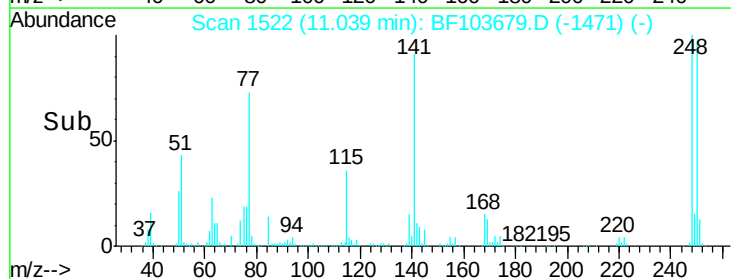
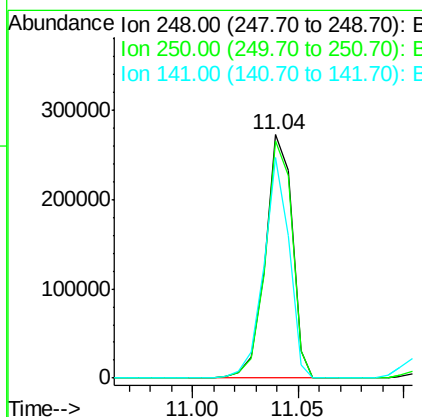
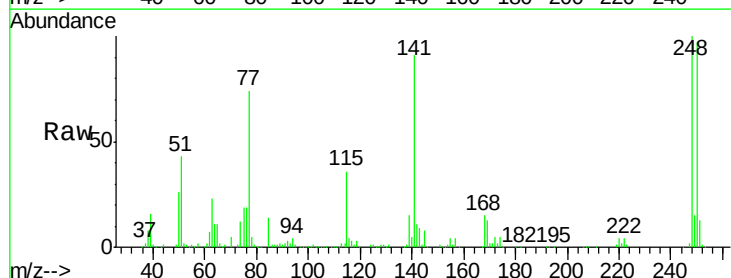
Instrument :
 BNA_F
 ClientSampleId :

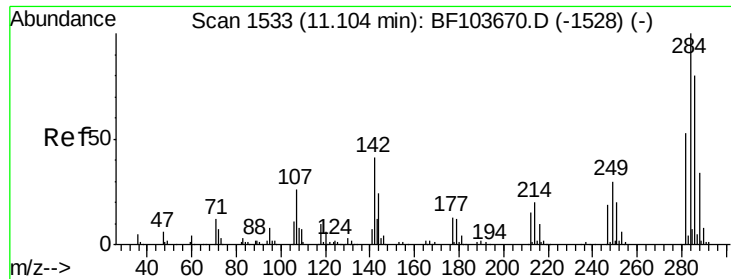
Tot Ion:169 Resp: 798627
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.4 81.6
 167 37.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.520 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:248 Resp: 242683
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.9 115.3
 141 90.5 74.4 111.6

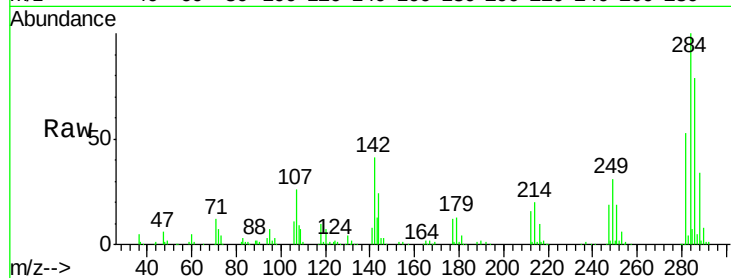




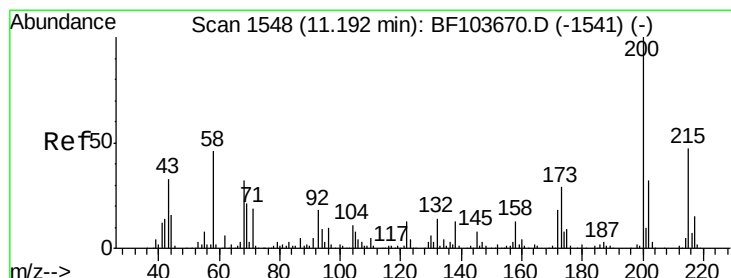
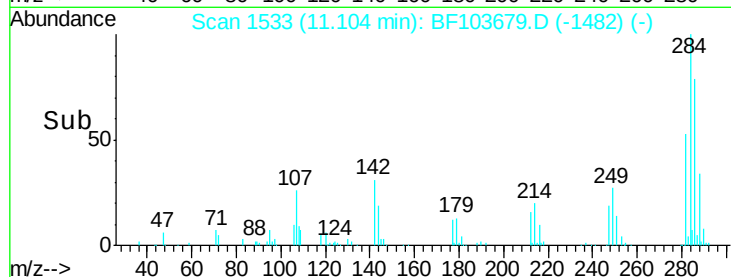
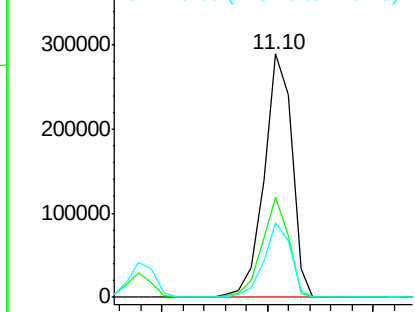
#67
Hexachlorobenzene
Concen: 42.554 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 264758
Ion Ratio Lower Upper
284 100
142 41.1 34.6 52.0
249 30.6 24.8 37.2

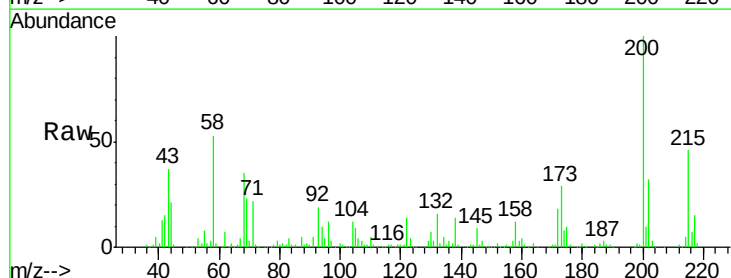


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

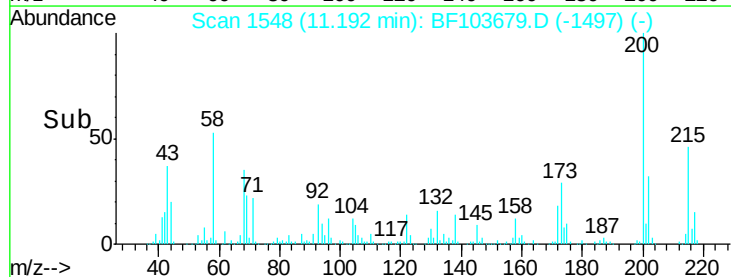
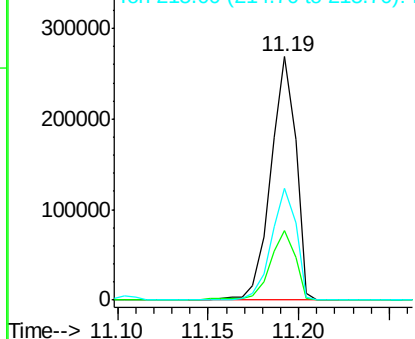


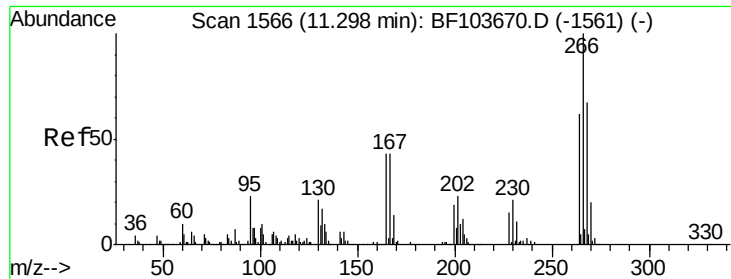
#68
Atrazine
Concen: 45.970 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:200 Resp: 256985
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 46.2 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: 83.681 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

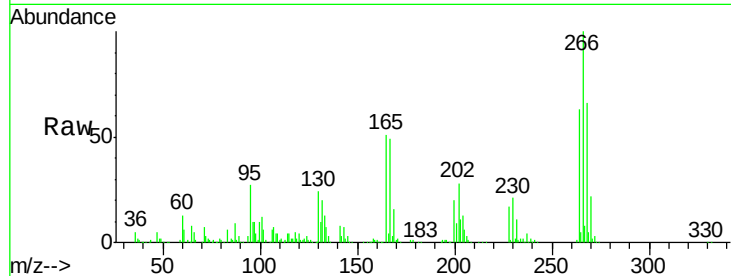
Tot Ion:266 Resp: 299320

Ion Ratio Lower Upper

266 100

268 66.5 51.1 76.7

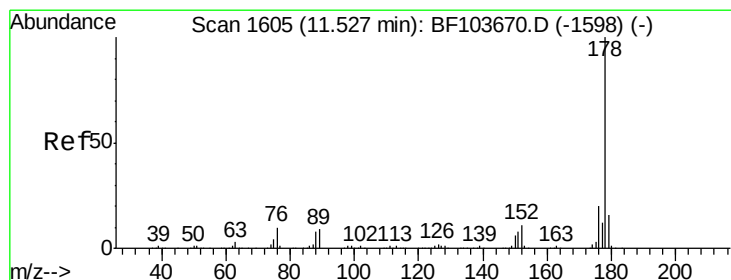
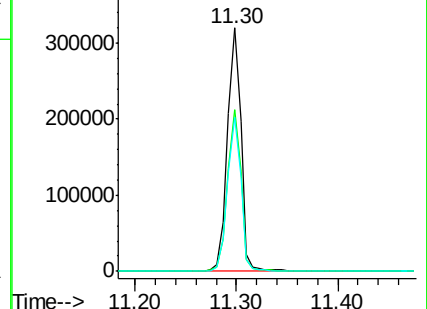
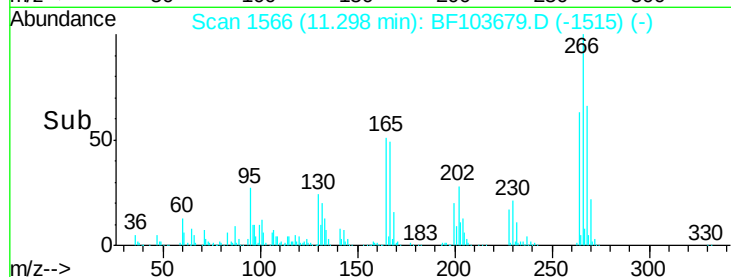
264 63.4 49.5 74.3



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: 43.615 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

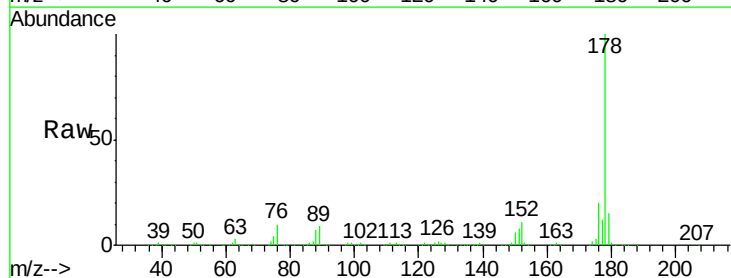
Tgt Ion:178 Resp: 1266688

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

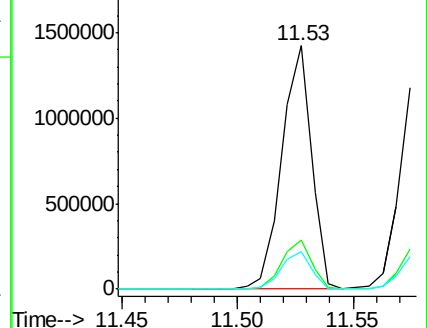
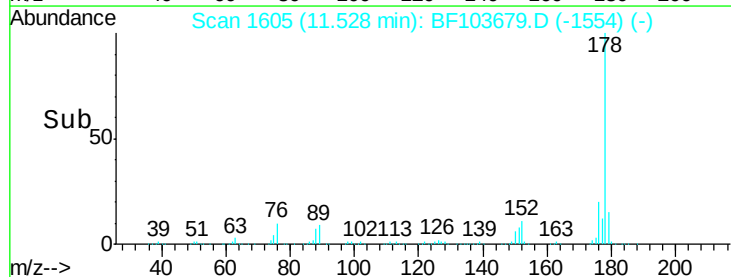
179 15.4 13.0 19.6

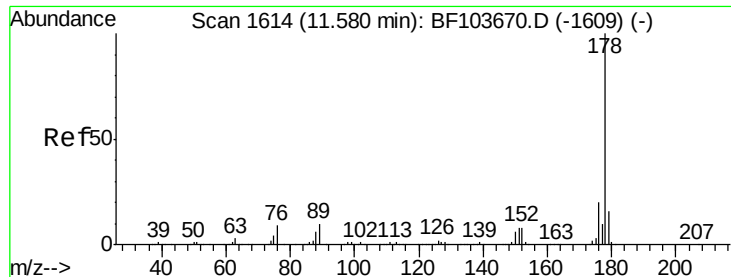


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

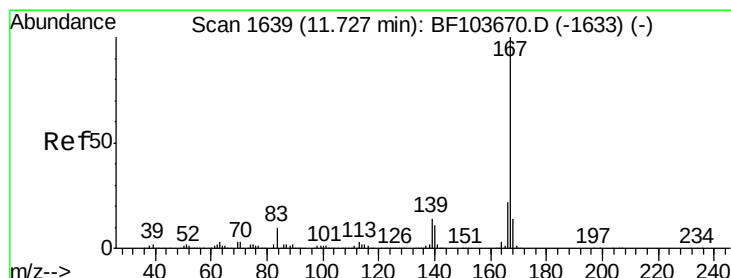
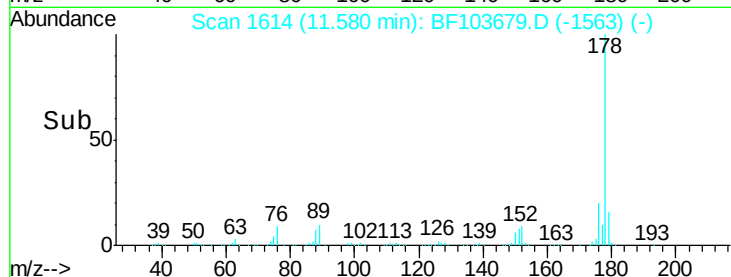
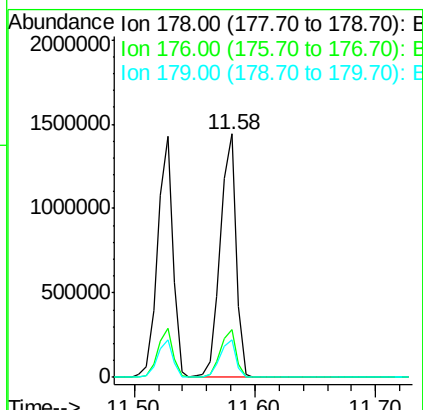
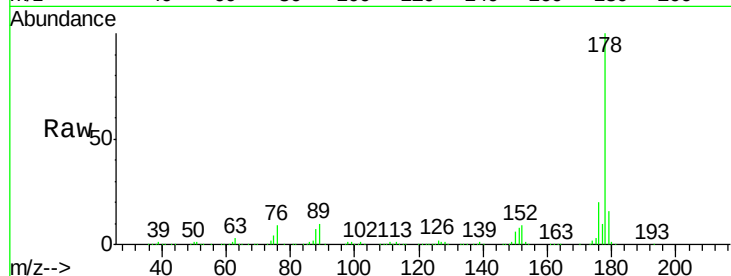




#71
 Anthracene
 Concen: 43.942 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

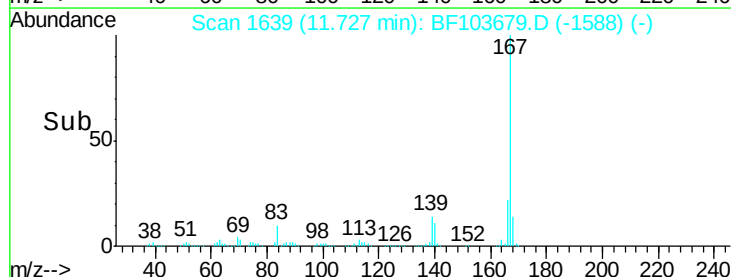
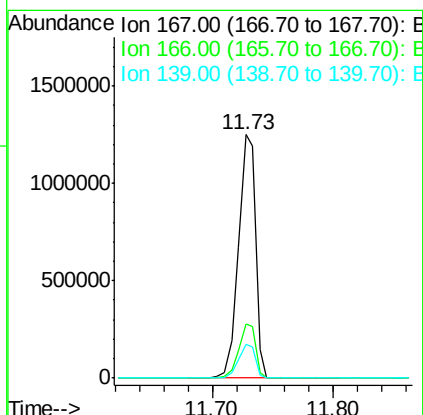
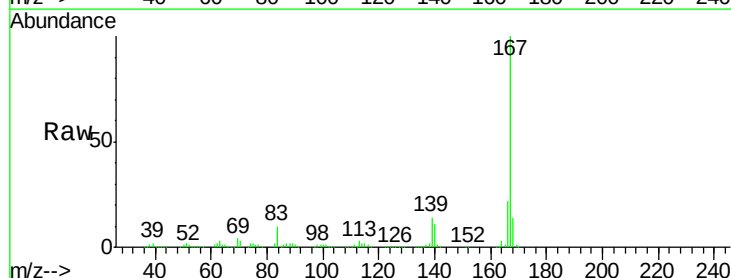
Instrument :
 BNA_F
 ClientSampleId :

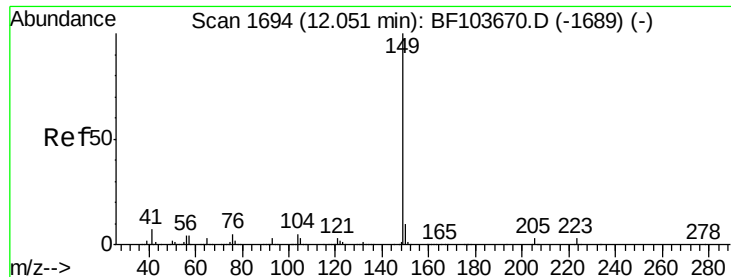
Tot Ion:178 Resp: 1296173
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 43.089 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:167 Resp: 1235359
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.632 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

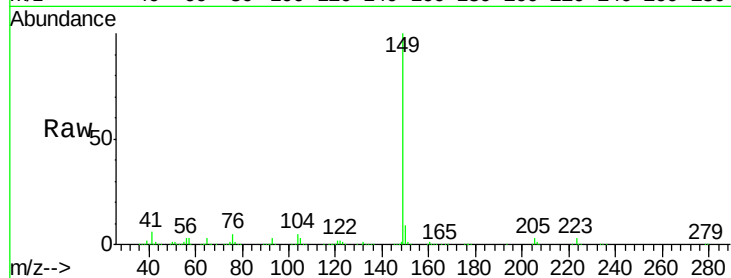
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1500960

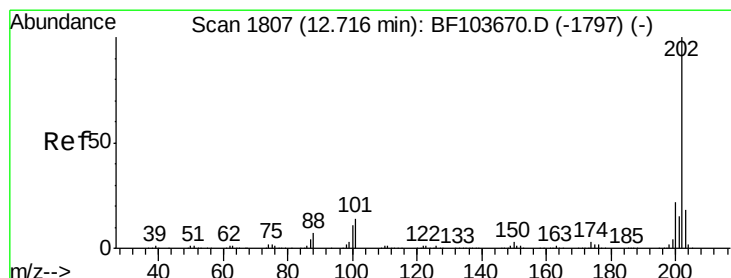
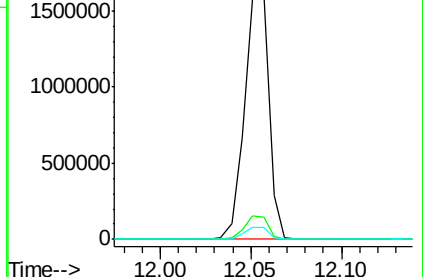
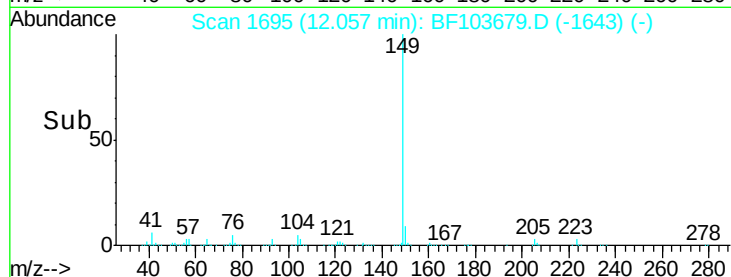
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	5.0	3.8	5.8



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: 44.091 ng

RT: 12.72 min Scan# 1807

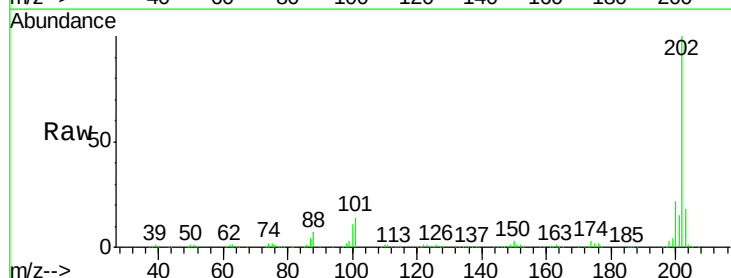
Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tgt Ion:202 Resp: 1319234

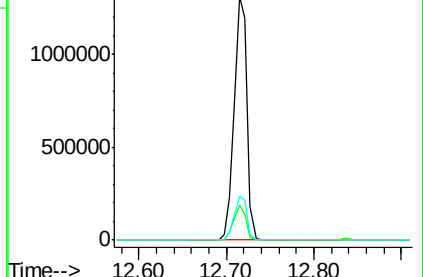
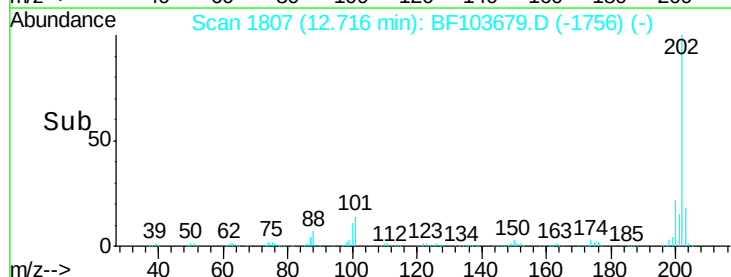
Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	18.0	0.0	38.1

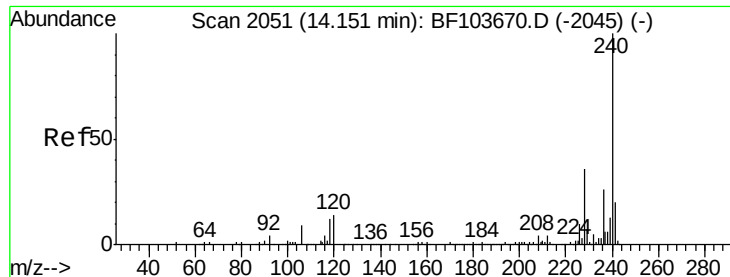


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

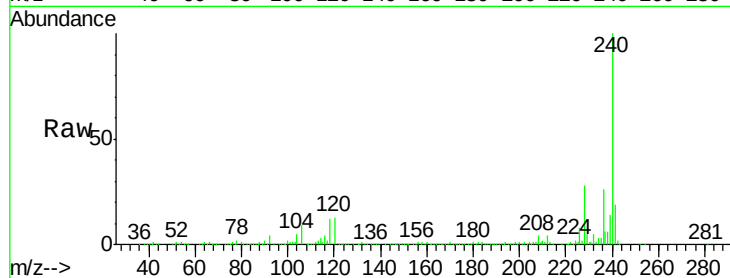
Tot Ion:240 Resp: 424441

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

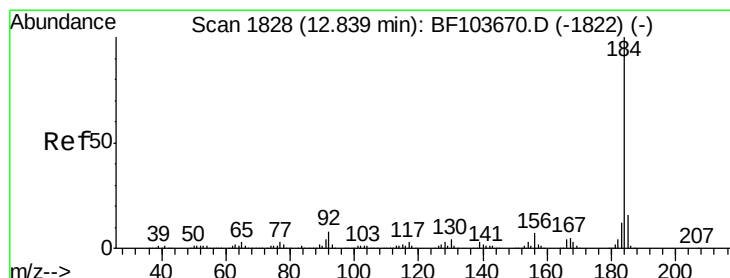
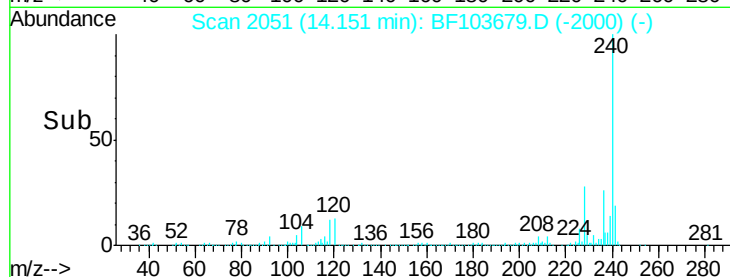
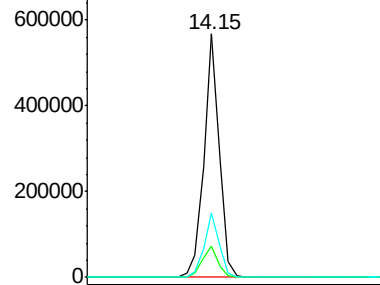
236 26.3 20.7 31.1



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: 42.349 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

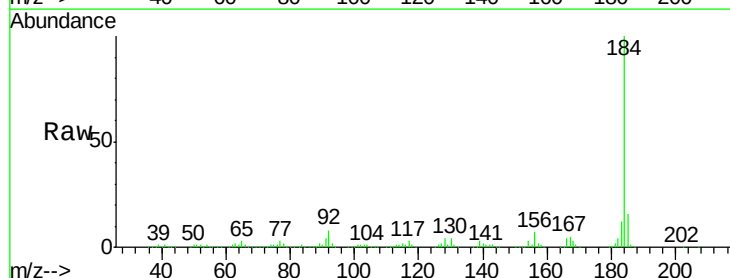
Tgt Ion:184 Resp: 766622

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

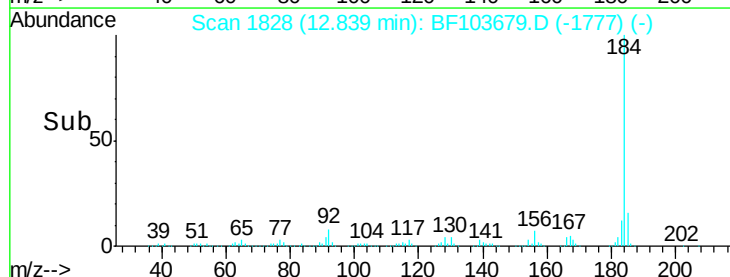
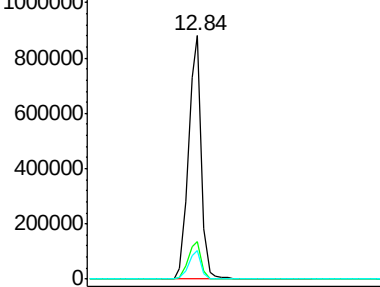
183 12.0 9.3 13.9

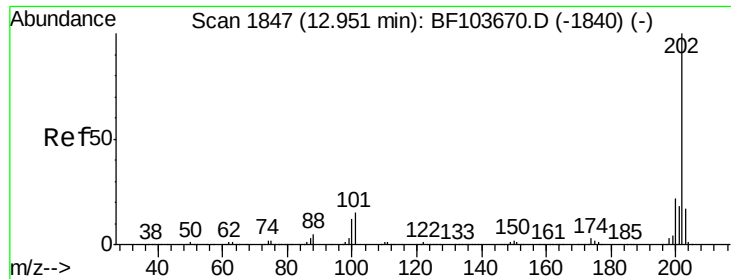


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

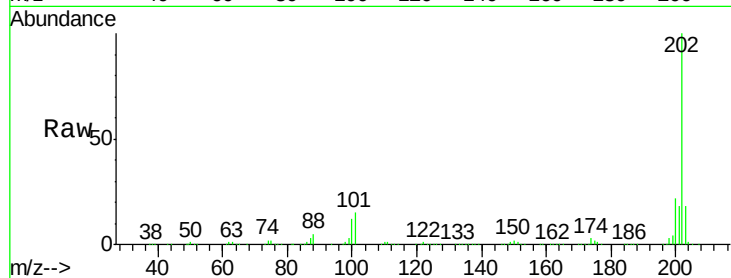




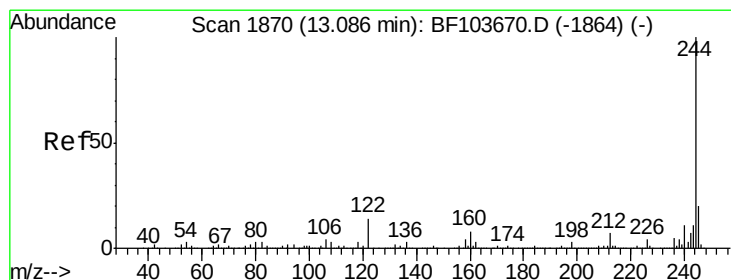
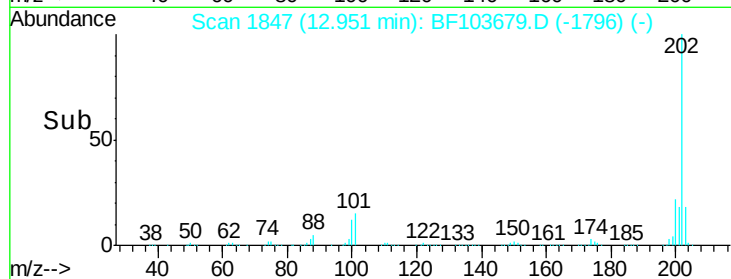
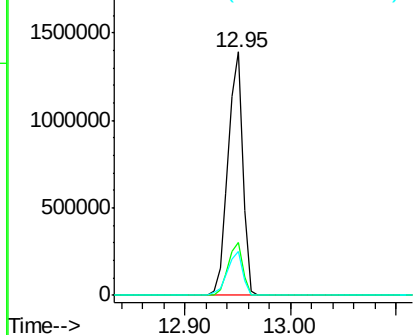
#77
 Pvrene
 Concen: 43.244 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1347930
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.9 14.3 21.5

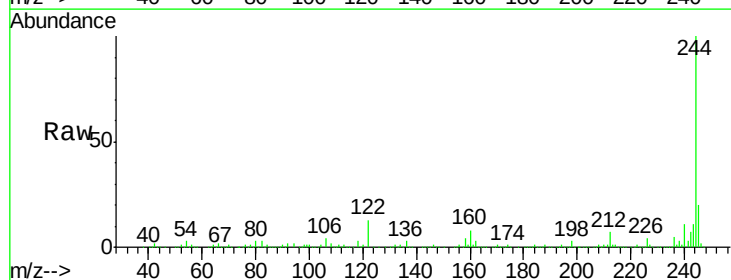


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

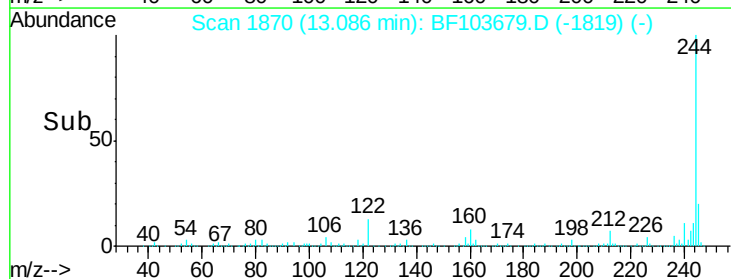
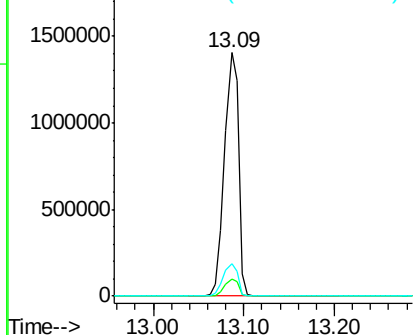


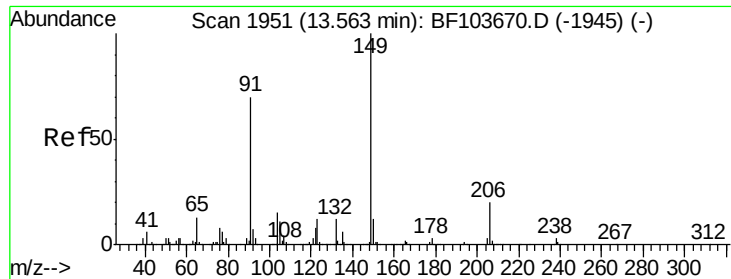
#78
 Terphenyl-d14
 Concen: 81.416 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:244 Resp: 1488765
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.3 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

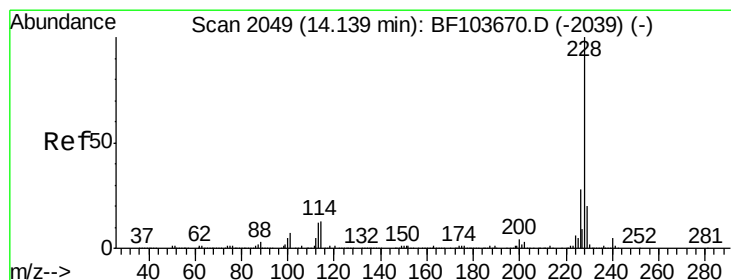
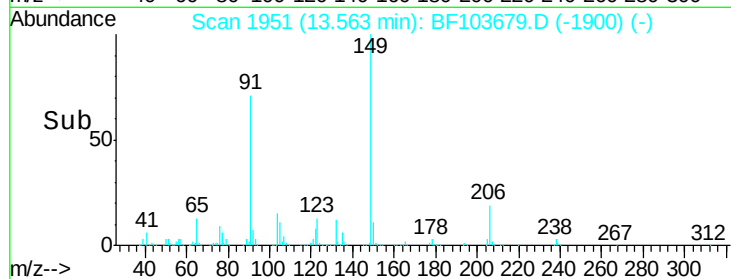
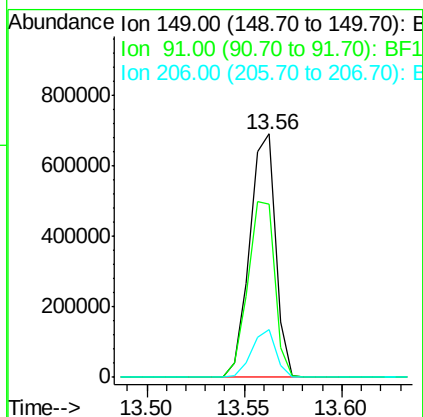
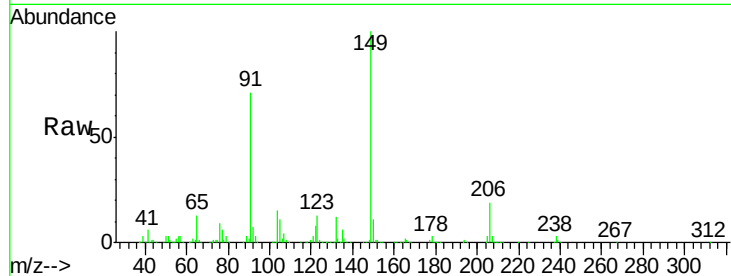




#79
Butylbenzylphthalate
Concen: 46.063 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

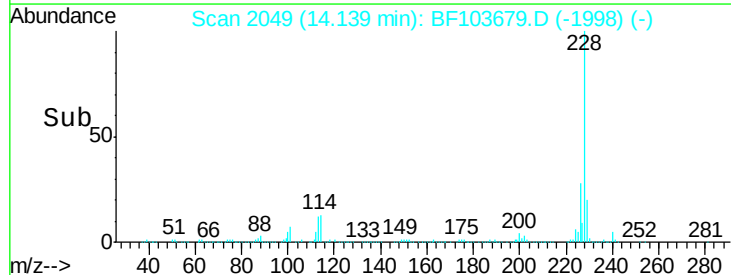
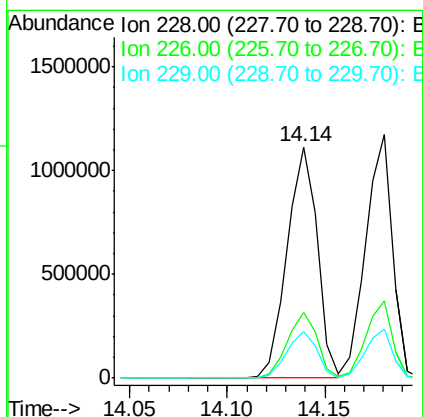
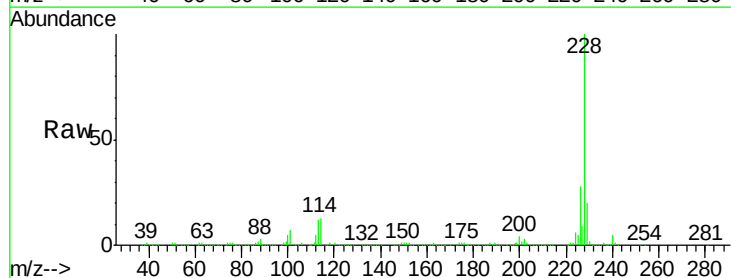
Instrument :
BNA_F
ClientSampleId :

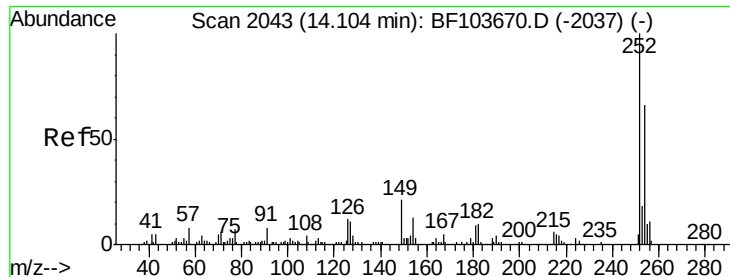
Tot Ion:149 Resp: 636136
Ion Ratio Lower Upper
149 100
91 71.2 56.8 85.2
206 19.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.262 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:228 Resp: 1189184
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.2 15.8 23.6

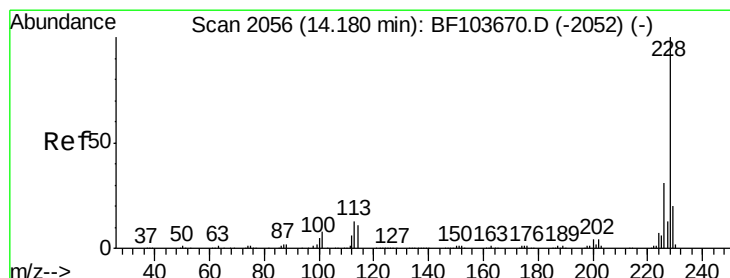
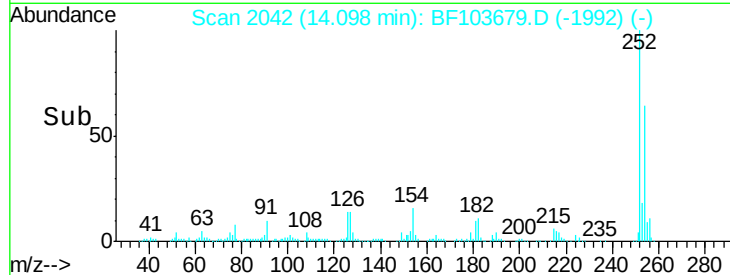
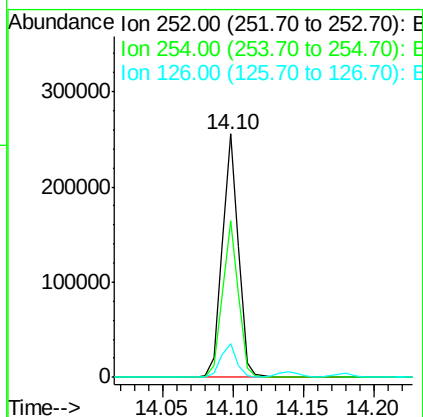
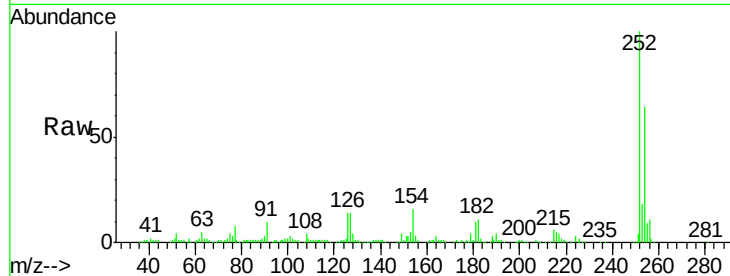




#81
 3,3'-Dichlorobenzidine
 Concen: 22.467 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

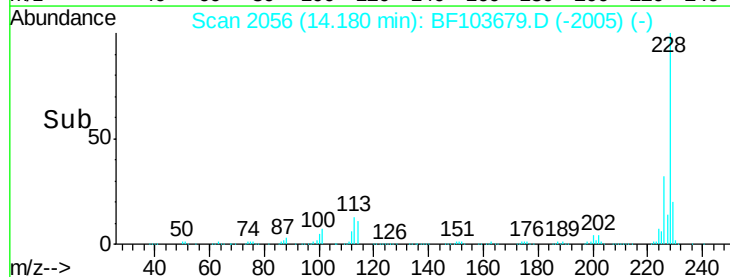
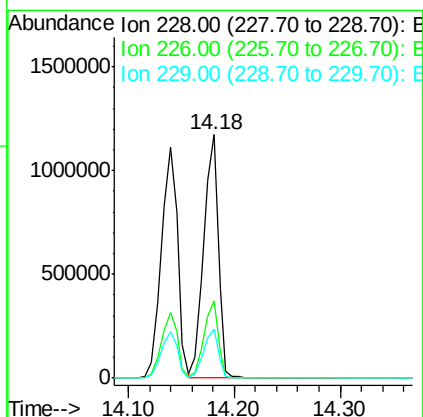
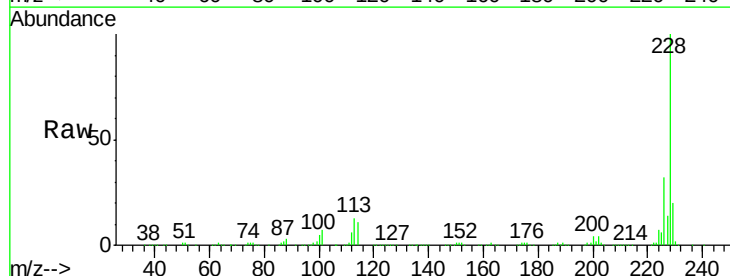
Instrument :
 BNA_F
 ClientSampleId :

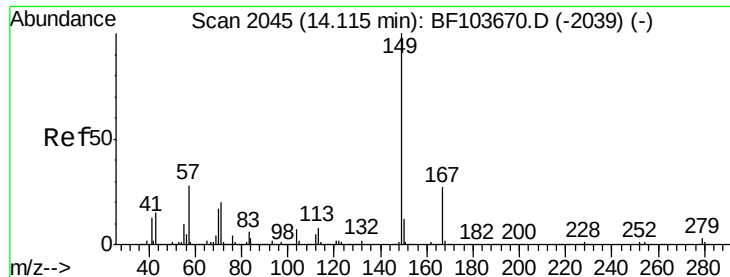
Tot Ion:252 Resp: 201906
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 14.1 11.3 16.9



#82
 Chrysene
 Concen: 43.828 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:228 Resp: 1122491
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.932 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampled :

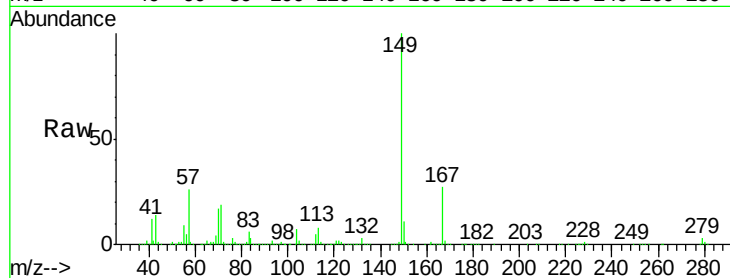
Tot Ion:149 Resp: 906205

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

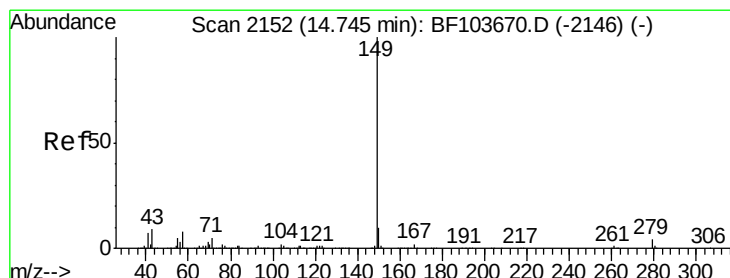
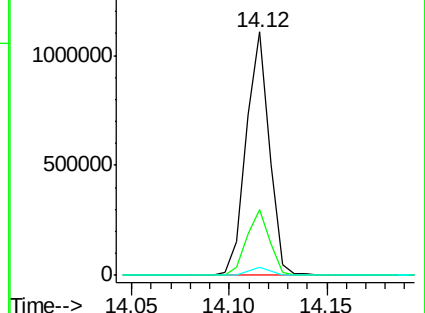
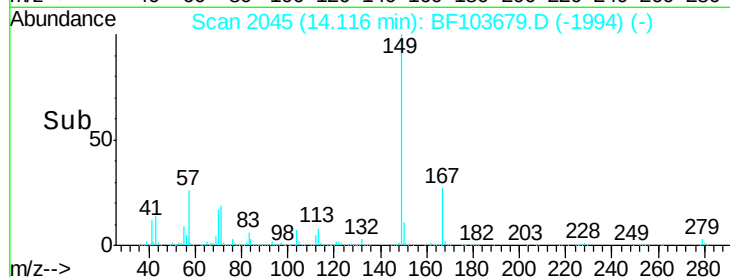
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.112 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

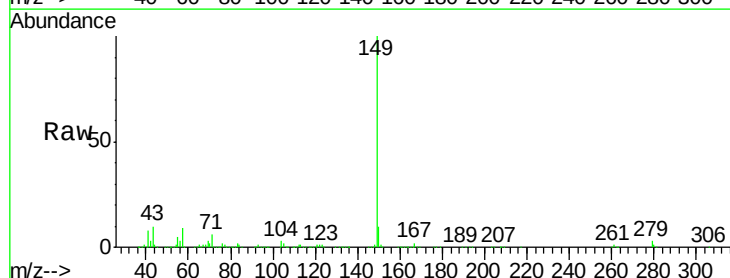
Tgt Ion:149 Resp: 1495748

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

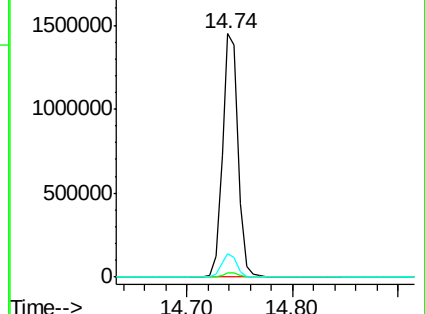
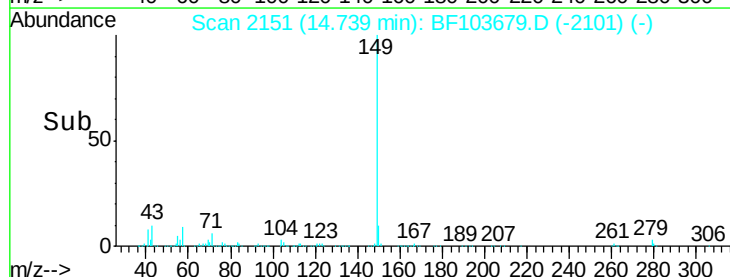
43 9.5 8.4 12.6

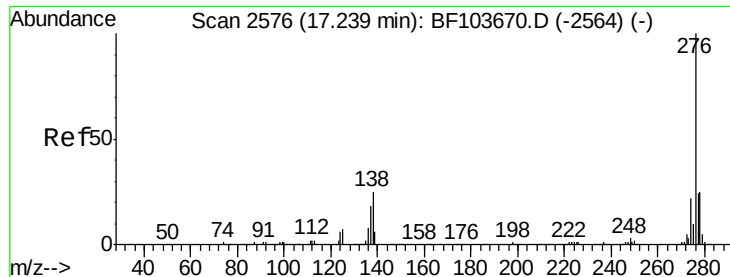


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

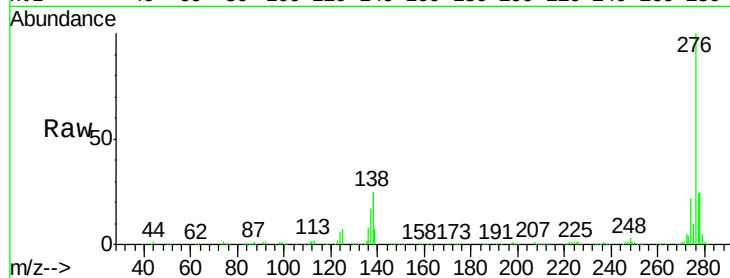




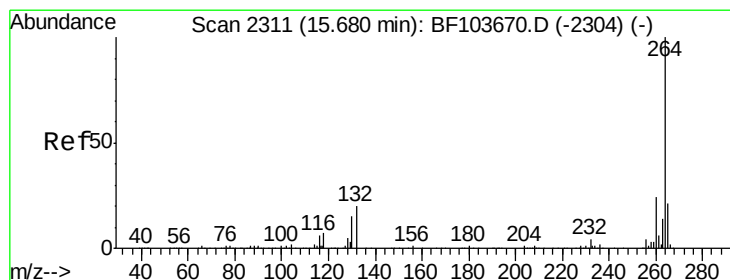
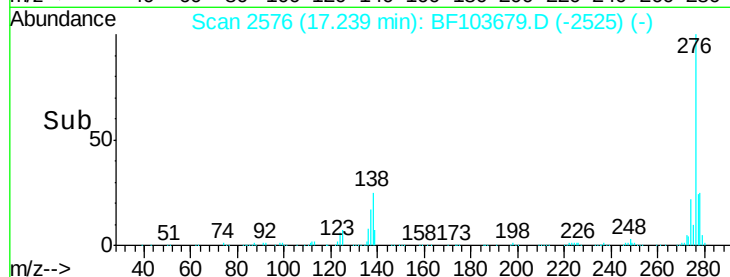
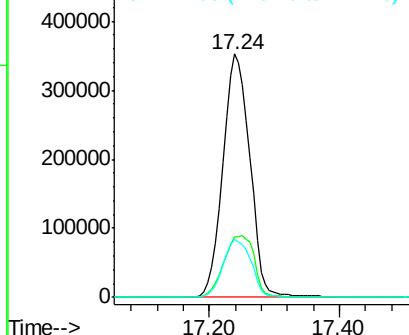
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.346 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1014208
Ion Ratio Lower Upper
276 100
138 28.5 25.0 37.6
277 24.9 20.1 30.1

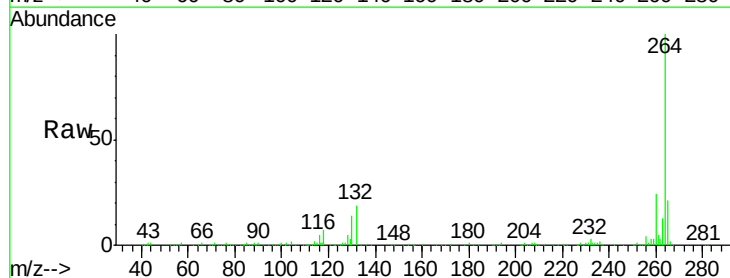


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

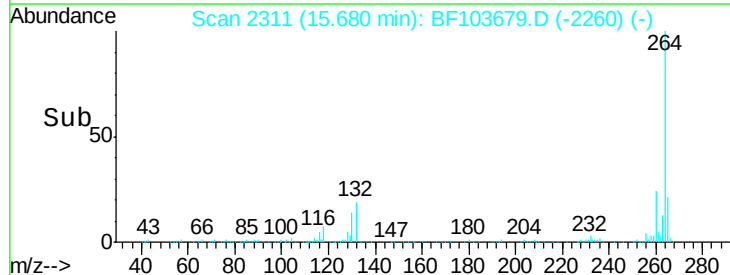
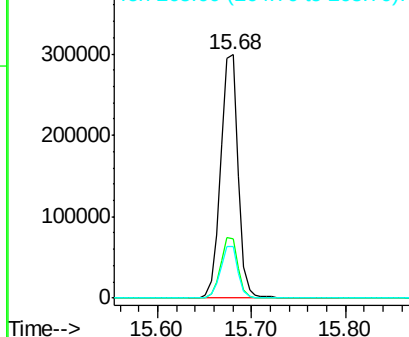


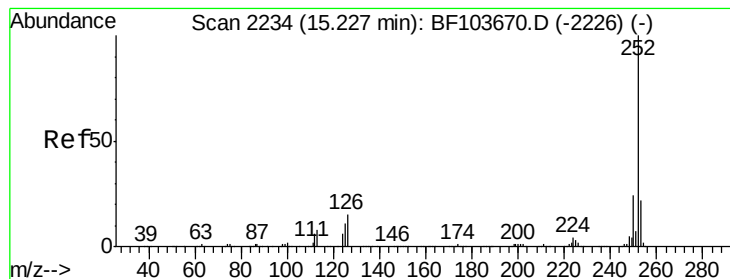
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:264 Resp: 388803
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.2 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 44.130 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampled :

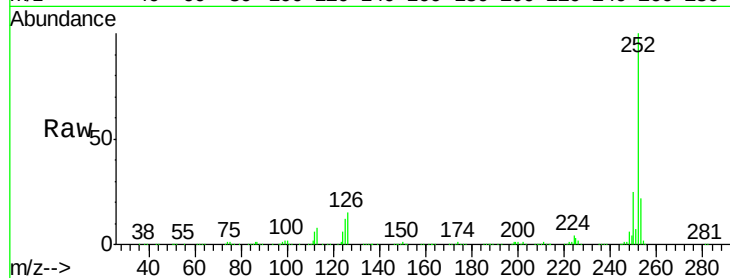
Tot Ion:252 Resp: 1084004

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

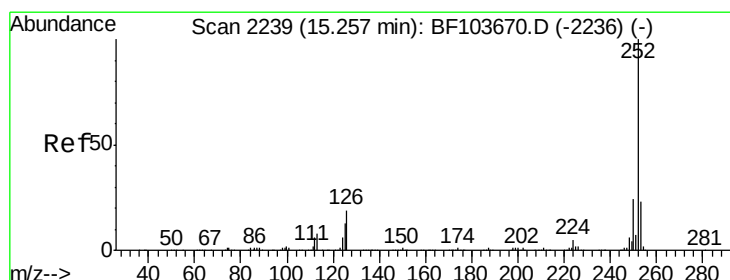
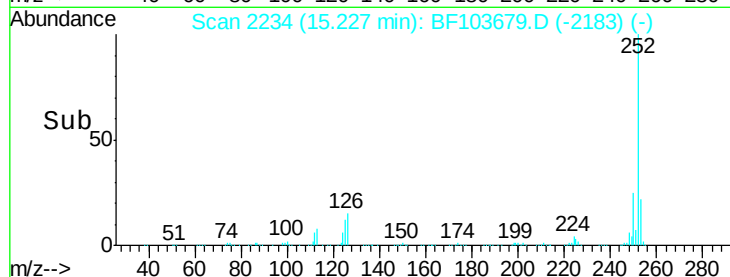
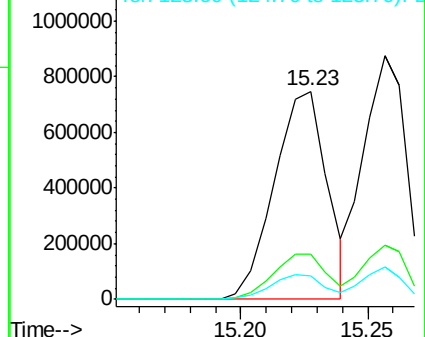
125 11.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.305 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

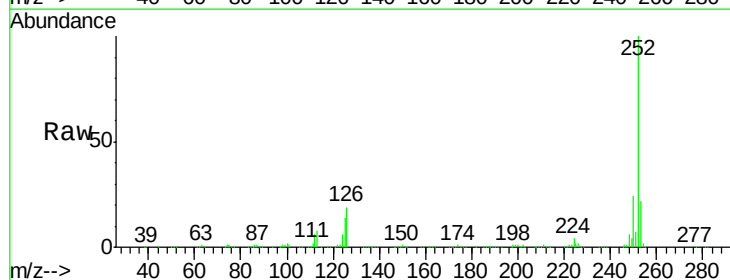
Tgt Ion:252 Resp: 1046133

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

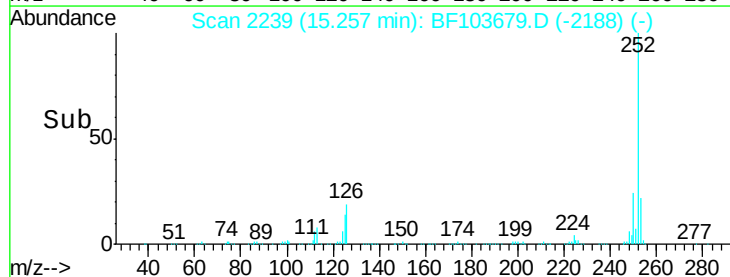
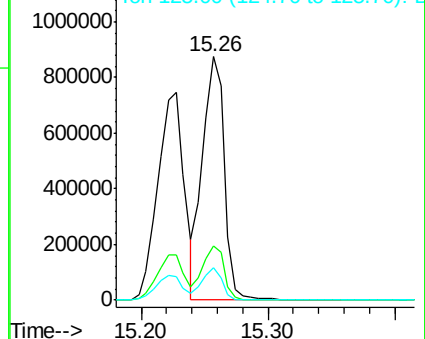
125 13.6 10.2 15.2

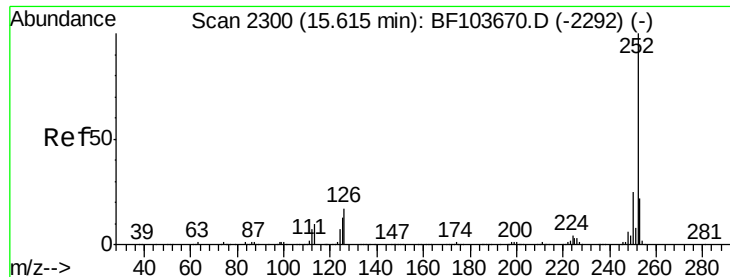


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

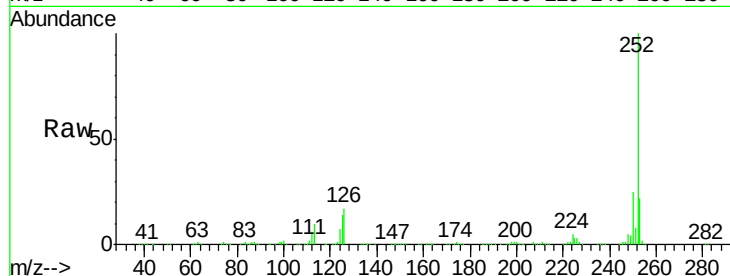




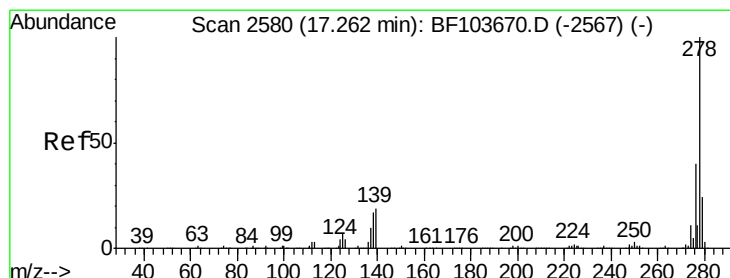
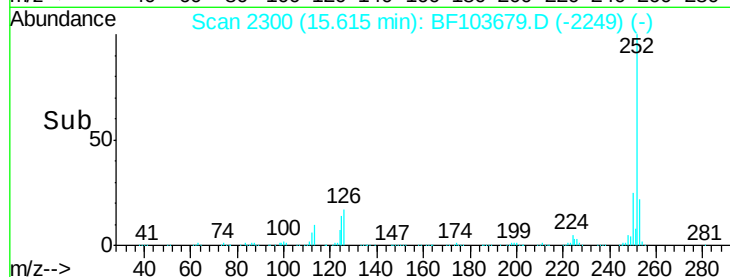
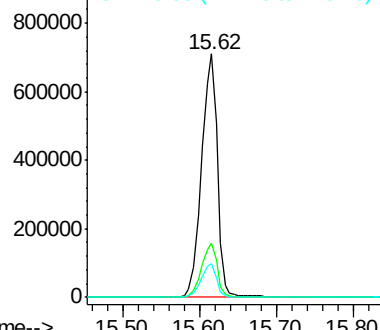
#89
Benzo(a)pyrene
Concen: 45.988 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1024594
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 13.7 9.8 14.6

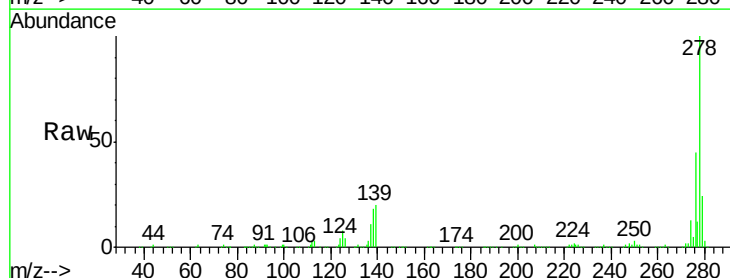


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

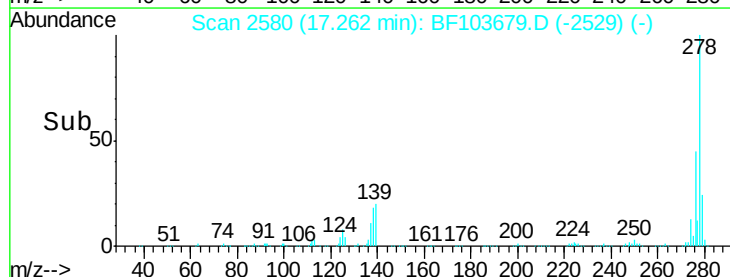
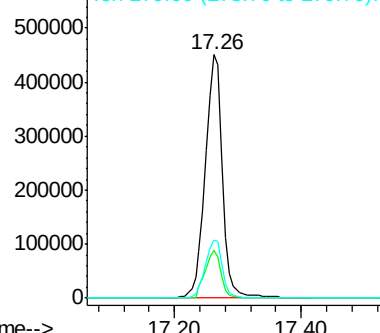


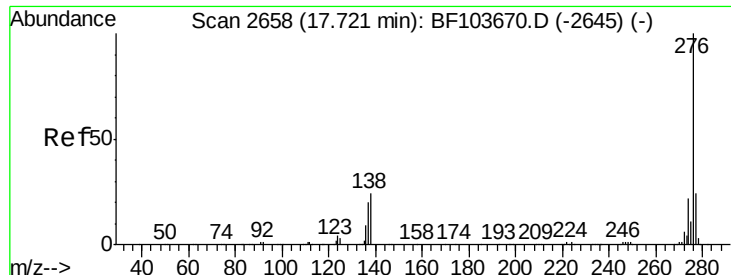
#90
Dibenzo(a,h)anthracene
Concen: 43.429 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:278 Resp: 837811
Ion Ratio Lower Upper
278 100
139 19.6 15.9 23.9
279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.929 ng

RT: 17.72 min Scan# 2658

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

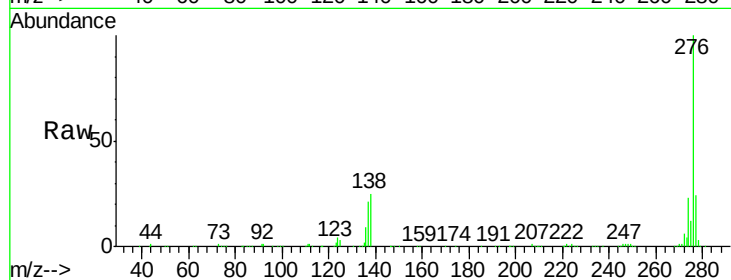
Tot Ion:276 Resp: 824453

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 24.6 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

