

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103826.D
 Acq On : 21 Mar 2018 2:58
 Operator : JU/SJ
 Sample : PB107522BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 04:45:18 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	151996	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	640312	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	271516	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	474465	20.00	ng	0.01
75) Chrysene-d12	14.17	240	305171	20.00	ng	0.02
86) Perylene-d12	15.72	264	288505	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1136970	113.77	ng	0.02
7) Phenol-d6	6.60	99	1449639	118.57	ng	0.01
23) Nitrobenzene-d5	7.54	82	823671	89.71	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	327713	140.38	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1482176	87.08	ng	0.00
78) Terphenyl-d14	13.10	244	1203259	91.52	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	171086	34.769	ng	# 89
3) Pyridine	3.66	79	485452	35.868	ng	# 87
4) n-Nitrosodimethylamine	3.62	42	178578	35.785	ng	# 73
6) Aniline	6.63	93	263570	15.098	ng	97
8) 2-Chlorophenol	6.76	128	437063	41.750	ng	97
9) Benzaldehyde	6.52	77	138842	17.286	ng	98
10) Phenol	6.61	94	525321	40.436	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	415107	38.706	ng	97
12) 1,3-Dichlorobenzene	6.92	146	438621	36.788	ng	98
13) 1,4-Dichlorobenzene	6.99	146	443468	37.014	ng	97
14) 1,2-Dichlorobenzene	7.15	146	399579	35.941	ng	97
15) Benzyl Alcohol	7.11	79	344606	36.379	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	501750	32.893	ng	93
17) 2-Methylphenol	7.22	107	344015	36.902	ng	98
18) Hexachloroethane	7.48	117	149052	35.368	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	266848	34.057	ng	92
20) 3+4-Methylphenols	7.37	107	422945	35.749	ng	90
22) Acetophenone	7.38	105	536642	32.610	ng	# 93
24) Nitrobenzene	7.56	77	409014	37.943	ng	95
25) Isophorone	7.79	82	766842	36.077	ng	98
26) 2-Nitrophenol	7.87	139	216548	51.855	ng	93
27) 2,4-Dimethylphenol	7.90	122	411117	45.148	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	524567	40.755	ng	99
29) 2,4-Dichlorophenol	8.11	162	355021	42.854	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	360300	37.497	ng	99
31) Naphthalene	8.28	128	1215282	37.572	ng	99
32) Benzoic acid	8.00	122	203297	35.017	ng	95
33) 4-Chloroaniline	8.32	127	110712	8.159	ng	96
34) Hexachlorobutadiene	8.39	225	192342	36.510	ng	99
35) Caprolactam	8.70	113	82366	28.873	ng	# 78
36) 4-Chloro-3-methylphenol	8.80	107	385638	42.225	ng	98
37) 2-Methylnaphthalene	8.97	142	801616	39.080	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	331830	42.839	ng	99
40) Hexachlorocyclopentadiene	9.12	237	163544	40.917	ng	96

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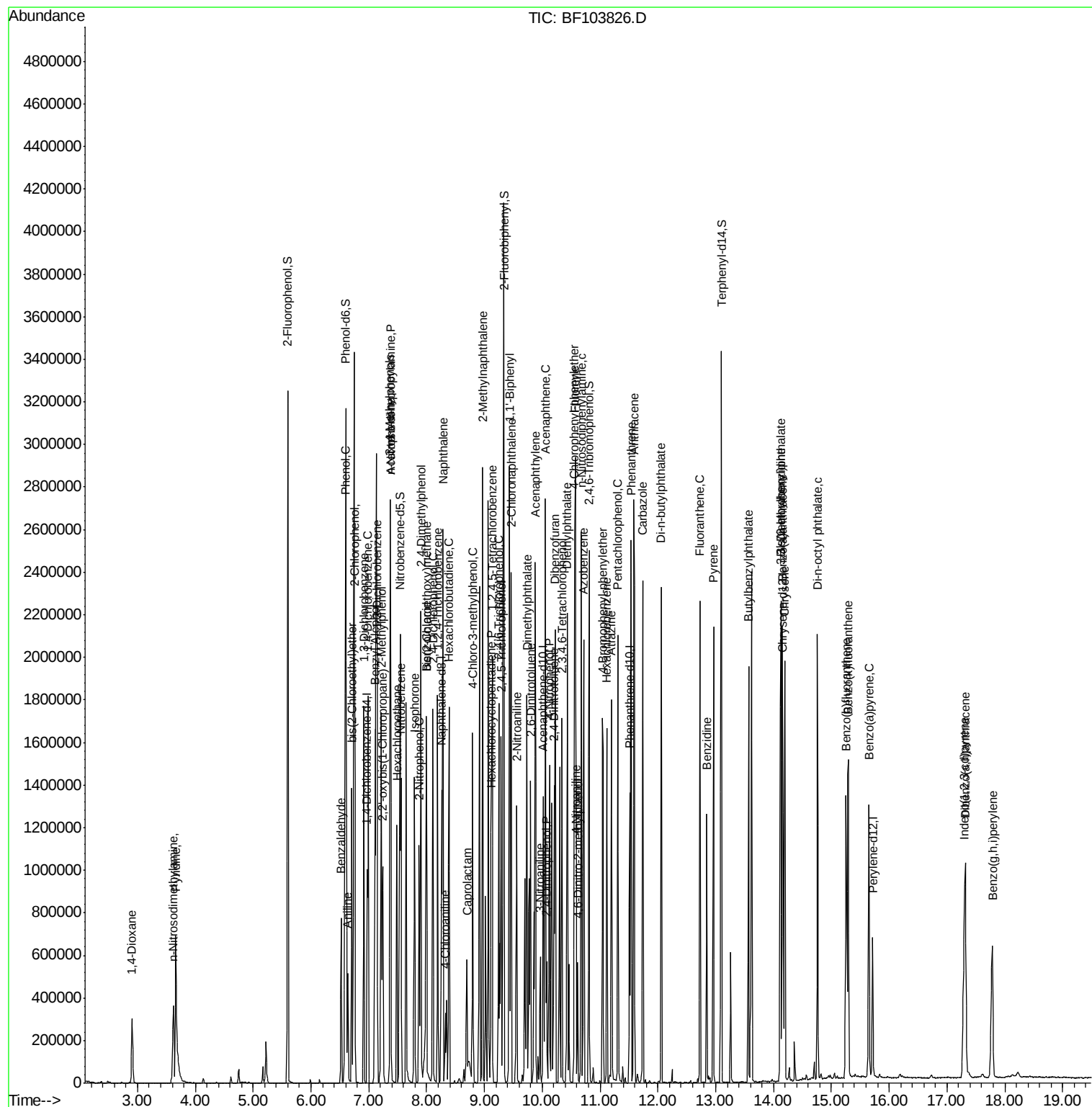
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	236457	47.725	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	248755	44.483	ng	98
45) 1,1'-Biphenyl	9.43	154	884901	39.085	ng	100
46) 2-Chloronaphthalene	9.46	162	700451	38.952	ng	98
47) 2-Nitroaniline	9.56	65	210412	45.193	ng	93
48) Acenaphthylene	9.88	152	1069006	38.336	ng	100
49) Dimethylphthalate	9.73	163	834773	40.298	ng	99
50) 2,6-Dinitrotoluene	9.80	165	186278	46.611	ng	90
51) Acenaphthene	10.05	154	666235	40.238	ng	99
52) 3-Nitroaniline	9.96	138	92100	21.467	ng	99
53) 2,4-Dinitrophenol	10.07	184	78449	70.034	ng	# 16
54) Dibenzofuran	10.23	168	945402	39.979	ng	99
55) 4-Nitrophenol	10.13	139	317556	83.499	ng	88
56) 2,4-Dinitrotoluene	10.20	165	242698	47.831	ng	# 91
57) Fluorene	10.57	166	753066	41.039	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	190352	48.038	ng	95
59) Diethylphthalate	10.43	149	839700	40.841	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	351539	41.919	ng	96
61) 4-Nitroaniline	10.59	138	182055	40.059	ng	93
62) Azobenzene	10.72	77	793947	37.982	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	66576	41.243	ng	86
65) n-Nitrosodiphenylamine	10.67	169	691568	42.822	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	212442	43.609	ng	# 87
67) Hexachlorobenzene	11.12	284	222220	39.967	ng	95
68) Atrazine	11.20	200	214938	43.023	ng	99
69) Pentachlorophenol	11.31	266	219052	68.528	ng	97
70) Phenanthrene	11.54	178	994555	38.319	ng	99
71) Anthracene	11.59	178	1044409	39.620	ng	100
72) Carbazole	11.74	167	968616	37.805	ng	99
73) Di-n-butylphthalate	12.06	149	1249144	40.632	ng	100
74) Fluoranthene	12.73	202	908202	33.966	ng	99
76) Benzidine	12.84	184	462316	35.520	ng	99
77) Pyrene	12.96	202	889356	39.683	ng	98
79) Butylbenzylphthalate	13.57	149	451881	45.509	ng	94
80) Benzo(a)anthracene	14.16	228	784679	40.621	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	237351	36.733	ng	97
82) Chrysene	14.20	228	724103	39.323	ng	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	641622	45.232	ng	99
84) Di-n-octyl phthalate	14.76	149	1030791	49.949	ng	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	657886	40.911	ng	98
87) Benzo(b)fluoranthene	15.26	252	728445	39.965	ng	97
88) Benzo(k)fluoranthene	15.29	252	651385	37.177	ng	98
89) Benzo(a)pyrene	15.65	252	684201	41.386	ng	98
90) Dibenzo(a,h)anthracene	17.32	278	556825	38.898	ng	98
91) Benzo(g,h,i)perylene	17.79	276	533746	38.326	ng	95

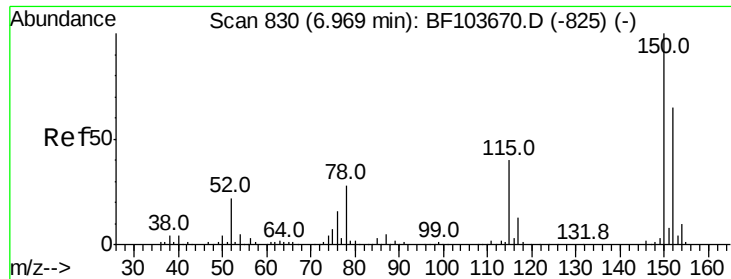
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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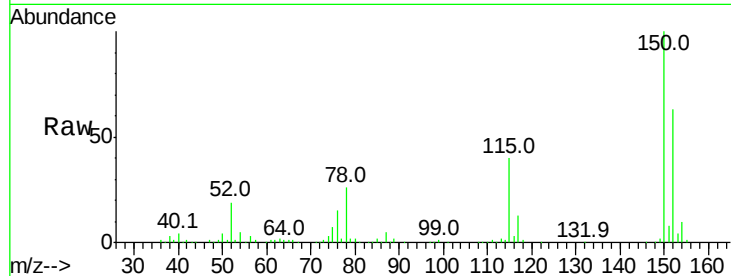


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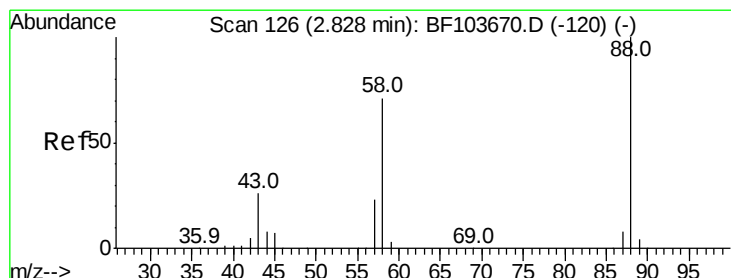
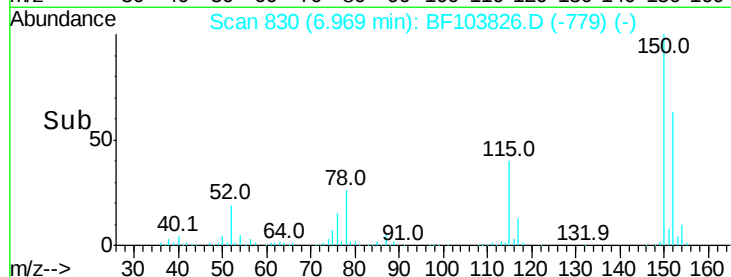
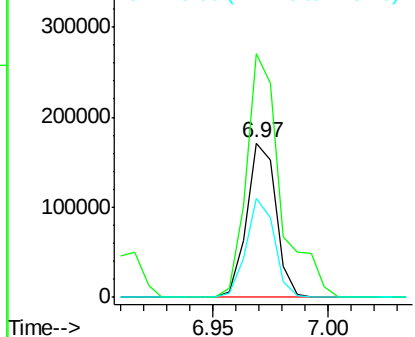
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151996
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 63.7 50.1 75.1



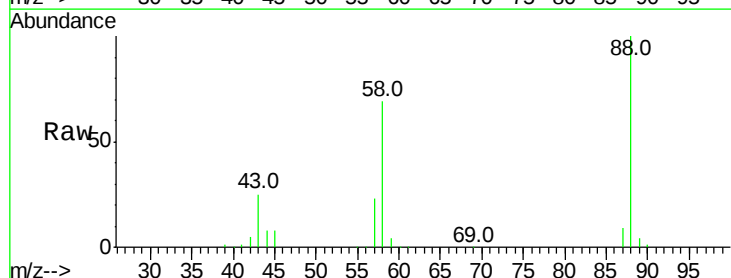
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



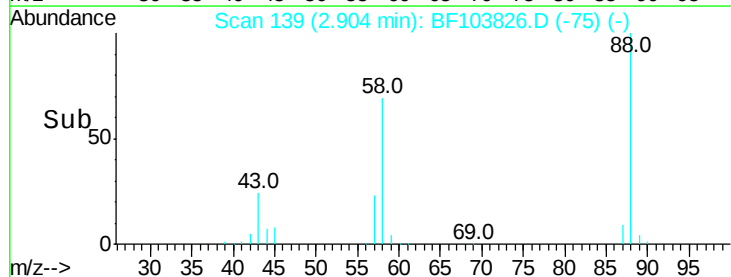
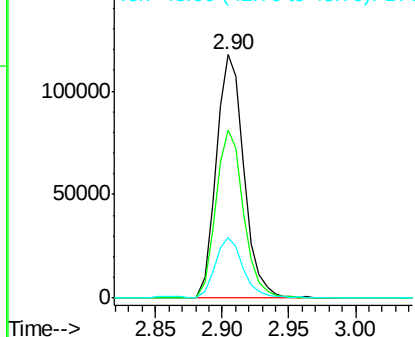
#2

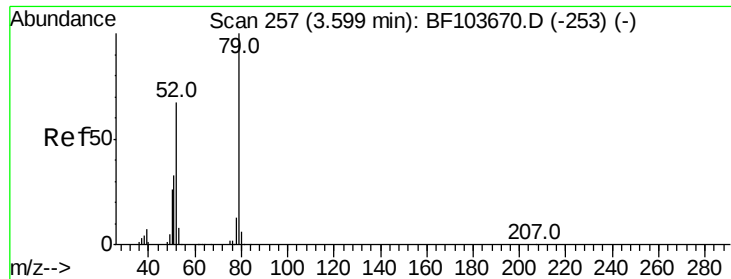
1,4-Dioxane
Concen: 34.769 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.08 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion: 88 Resp: 171086
Ion Ratio Lower Upper
88 100
58 69.1 62.6 93.8
43 24.2 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.868 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.06 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

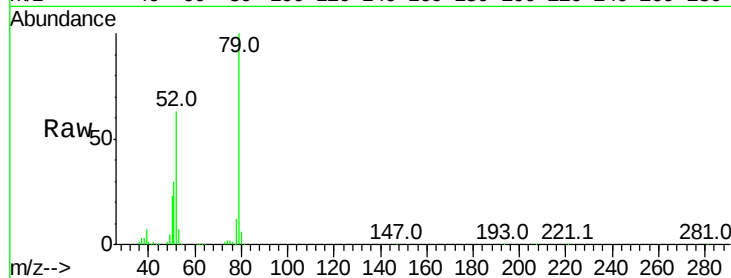
Tot Ion: 79 Resp: 485452

Ion Ratio Lower Upper

79 100

52 63.0 59.8 89.6

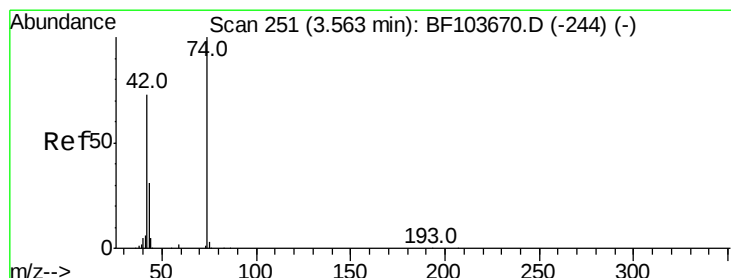
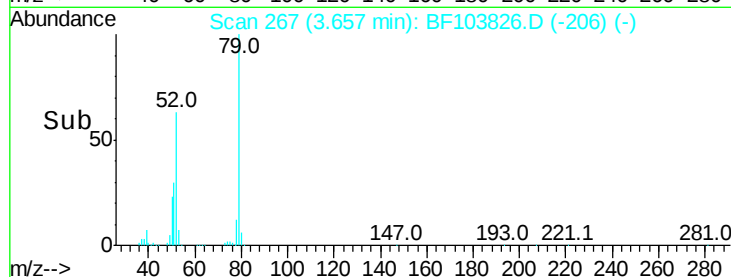
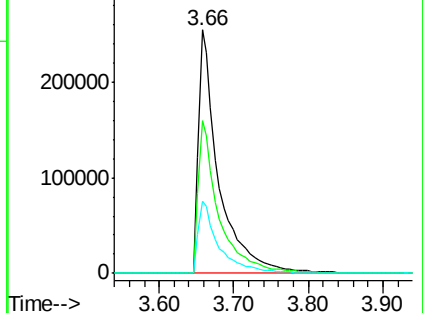
51 29.7 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.785 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.06 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

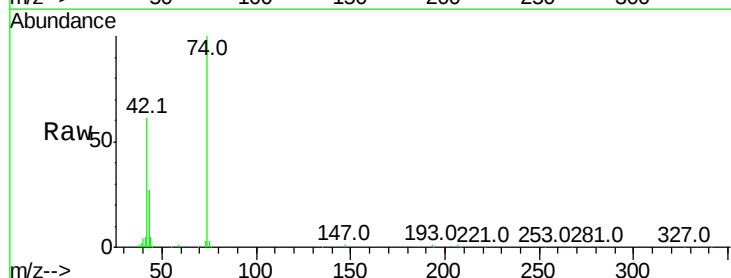
Tgt Ion: 42 Resp: 178578

Ion Ratio Lower Upper

42 100

74 164.4 104.9 157.3#

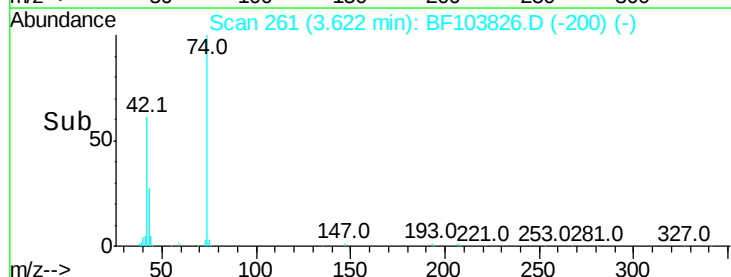
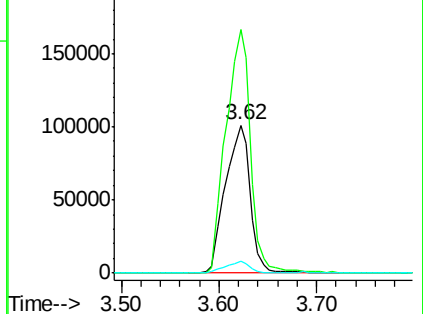
44 7.8 6.9 10.3

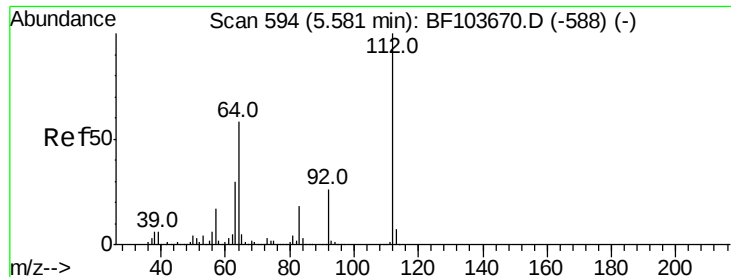


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.774 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

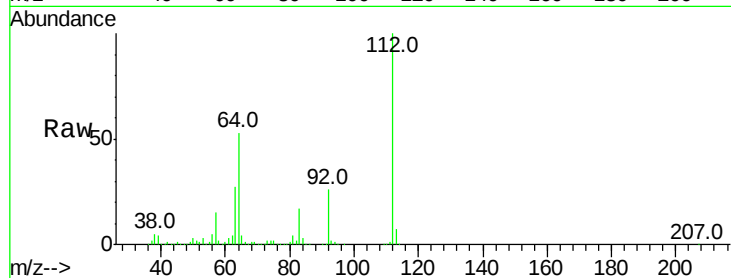
Tot Ion:112 Resp: 1136970

Ion Ratio Lower Upper

112 100

64 52.7 47.9 71.9

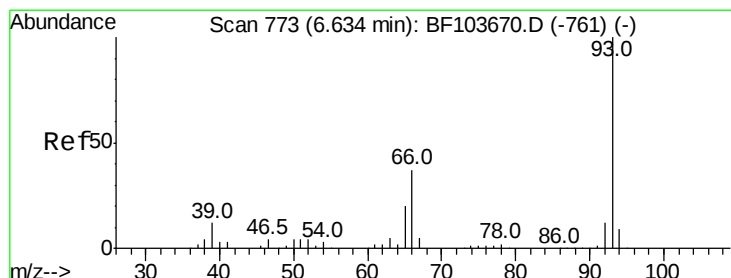
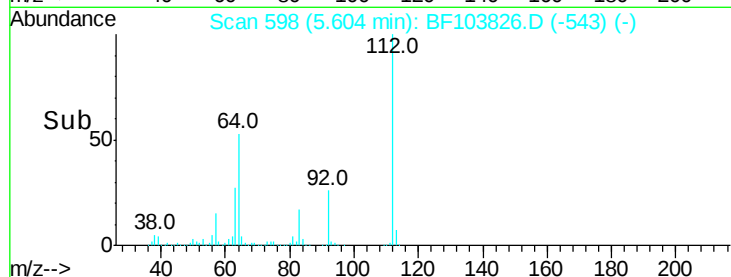
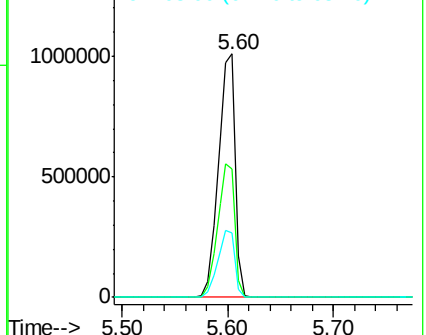
63 26.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.098 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

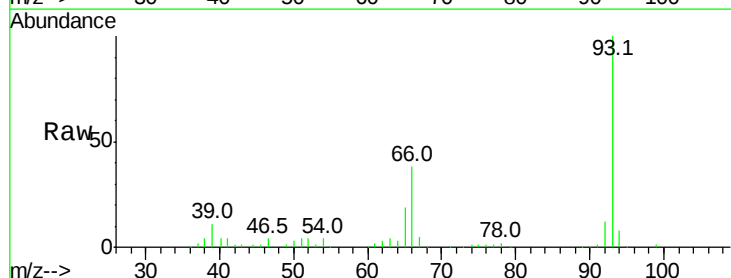
Tgt Ion: 93 Resp: 263570

Ion Ratio Lower Upper

93 100

66 38.4 32.2 48.2

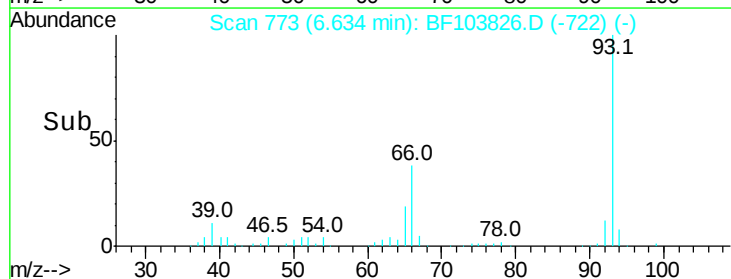
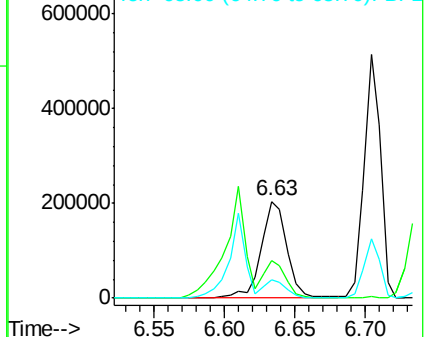
65 18.7 16.4 24.6

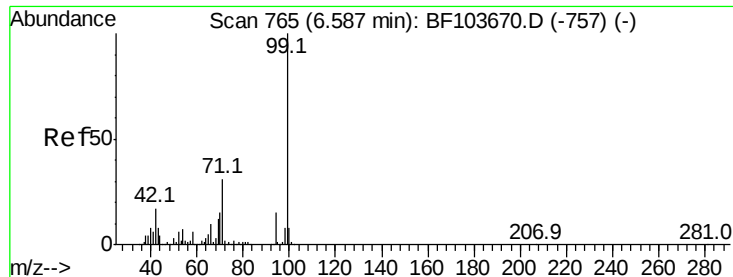


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.570 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampled :

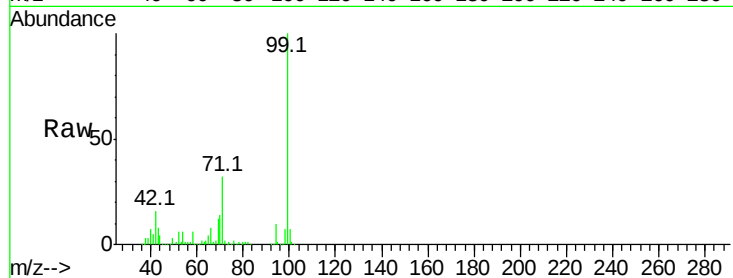
Tot Ion: 99 Resp: 1449639

Ion Ratio Lower Upper

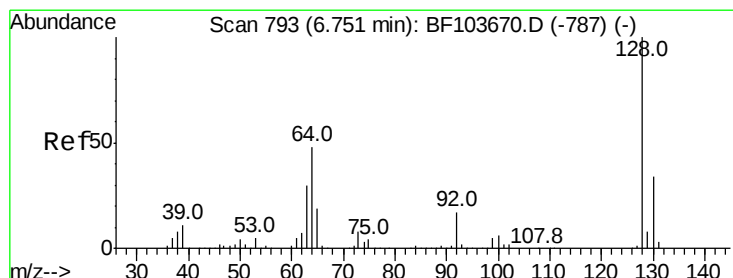
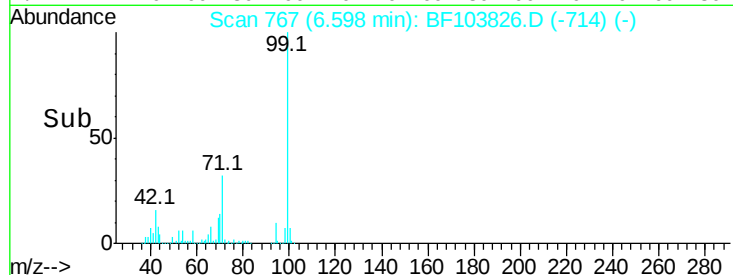
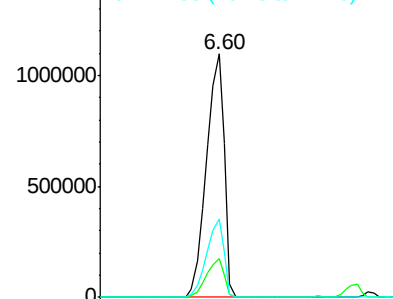
99 100

42 15.8 14.5 21.7

71 32.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.750 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

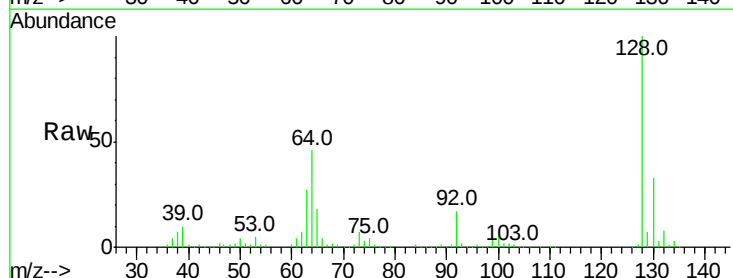
Tgt Ion:128 Resp: 437063

Ion Ratio Lower Upper

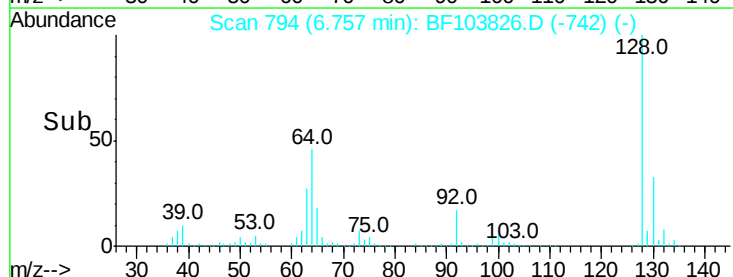
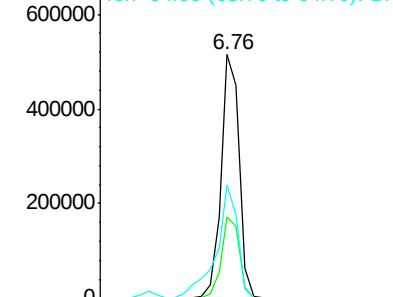
128 100

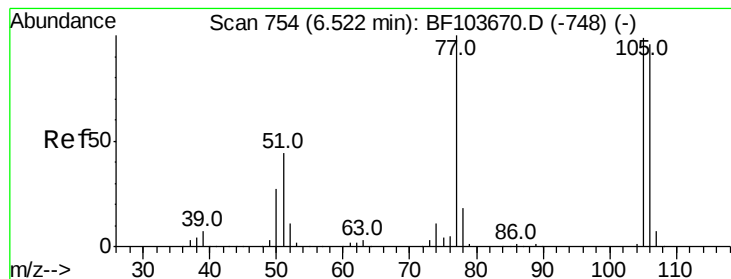
130 33.0 13.0 53.0

64 46.4 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: 17.286 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampled :

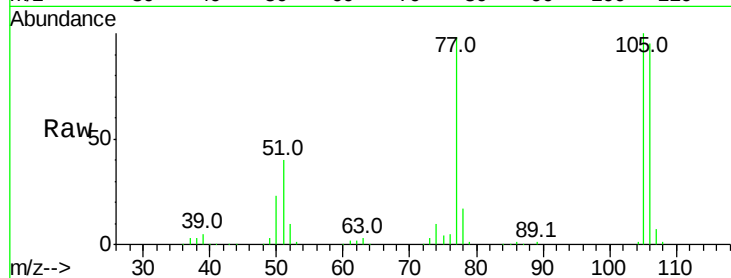
Tot Ion: 77 Resp: 138842

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

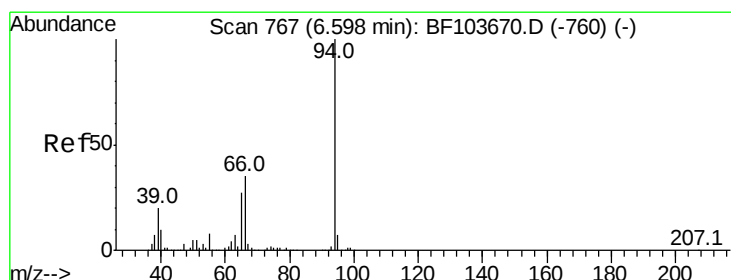
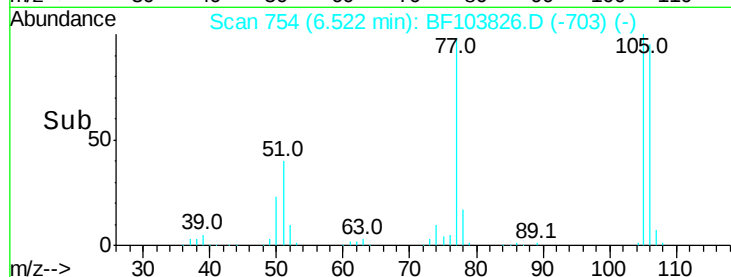
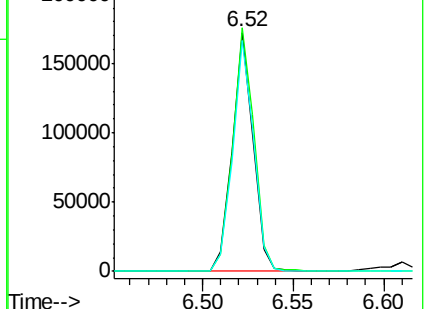
106 96.7 74.5 114.5



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: 40.436 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

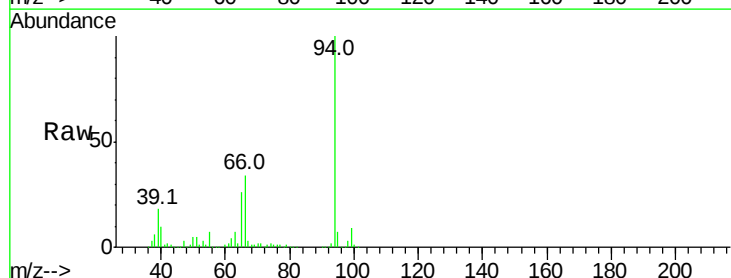
Tgt Ion: 94 Resp: 525321

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

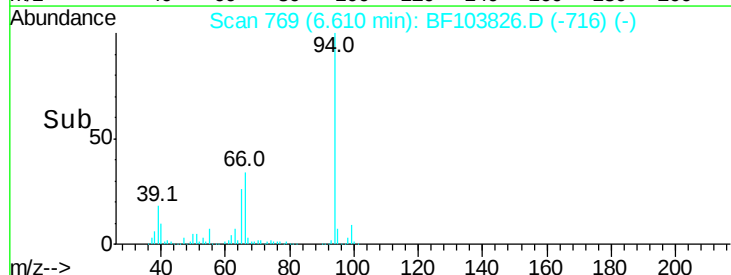
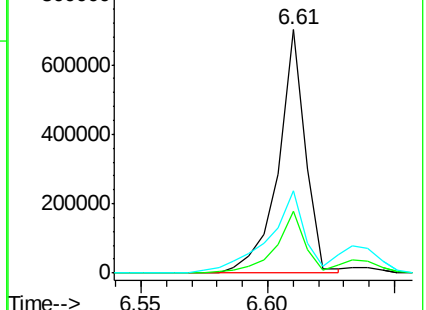
66 33.8 16.2 56.2

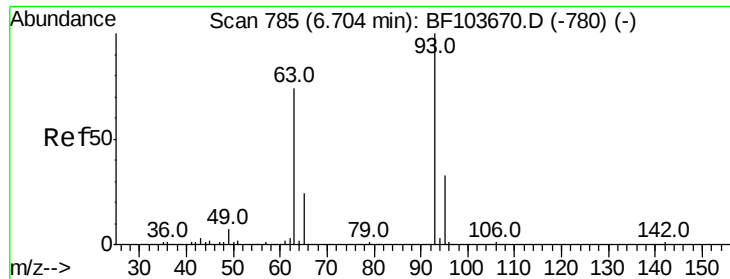


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



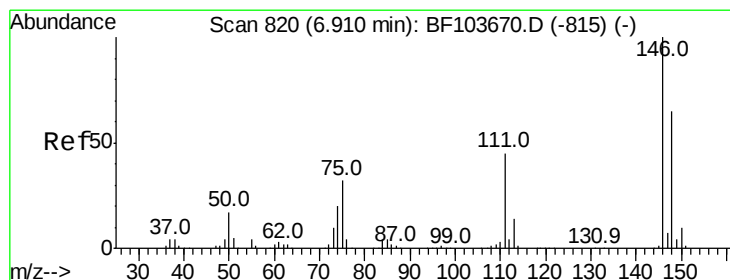
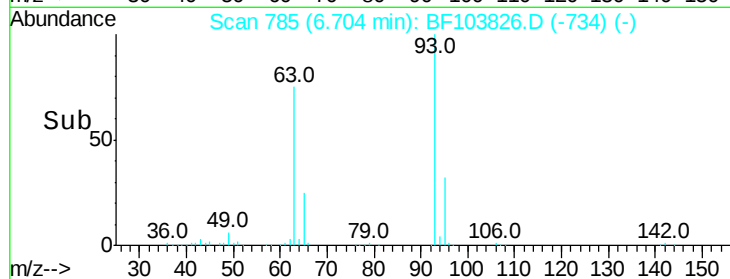
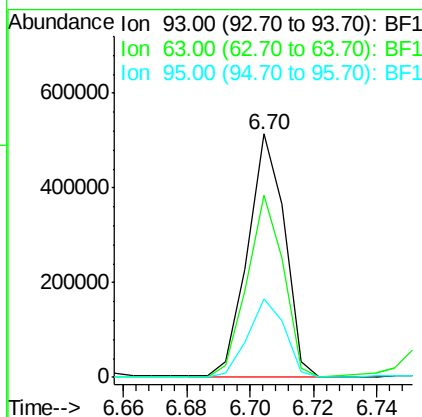
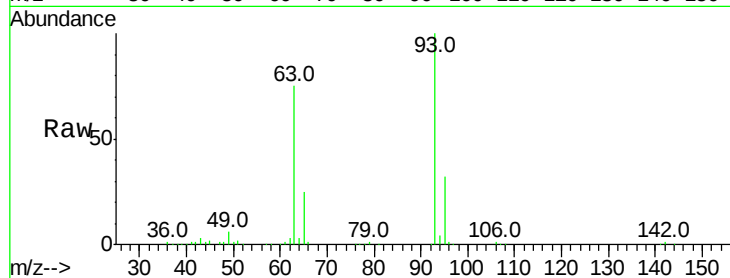


#11
 bis(2-Chloroethyl)ether
 Concen: 38.706 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 415107

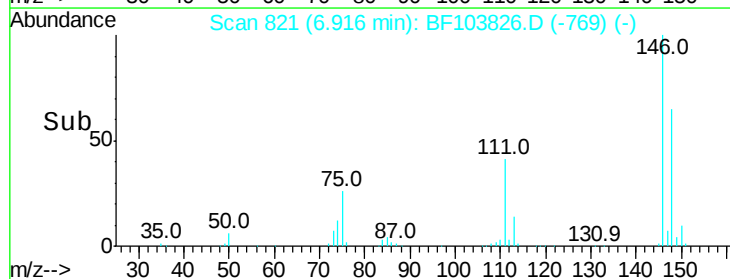
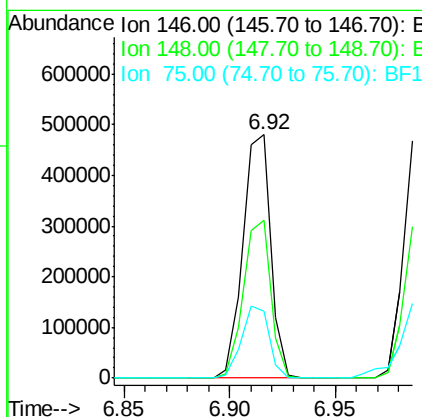
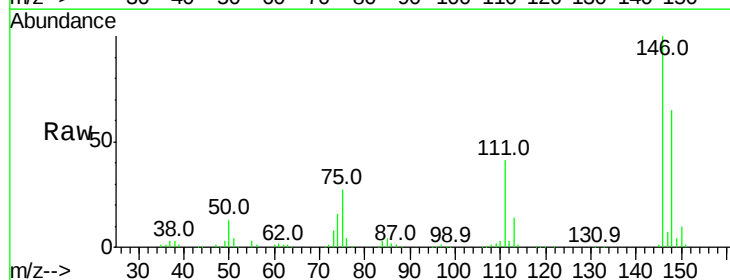
Ion	Ratio	Lower	Upper
93	100		
63	75.0	58.6	98.6
95	32.4	11.8	51.8

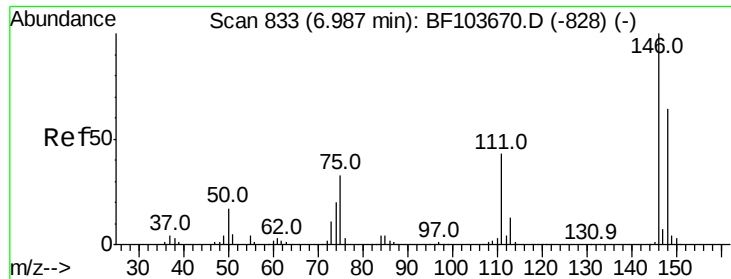


#12
 1,3-Dichlorobenzene
 Concen: 36.788 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion: 146 Resp: 438621

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	27.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.014 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

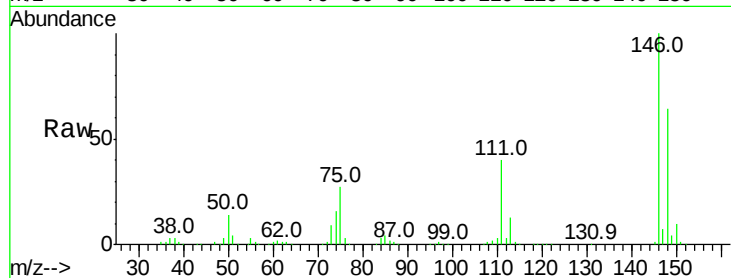
Tot Ion:146 Resp: 443468

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

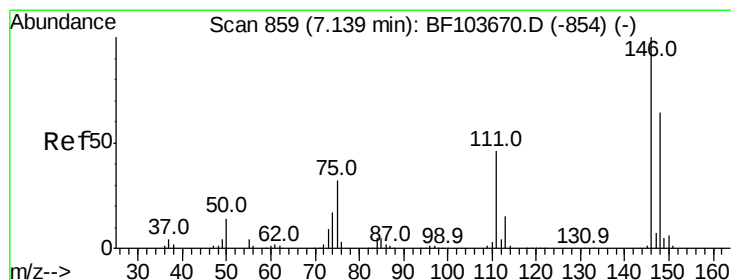
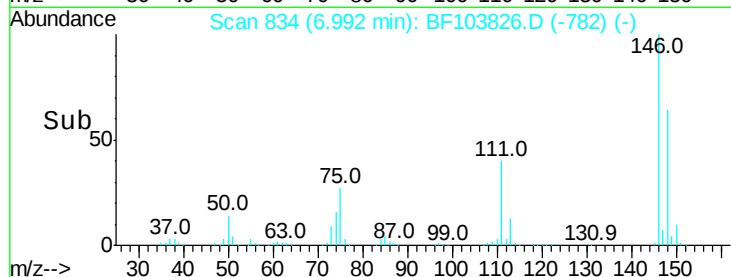
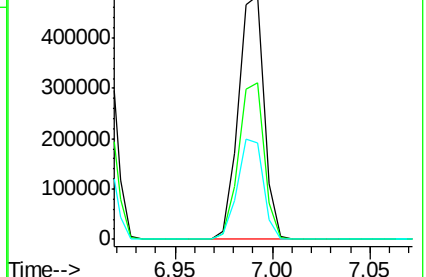
111 39.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.941 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

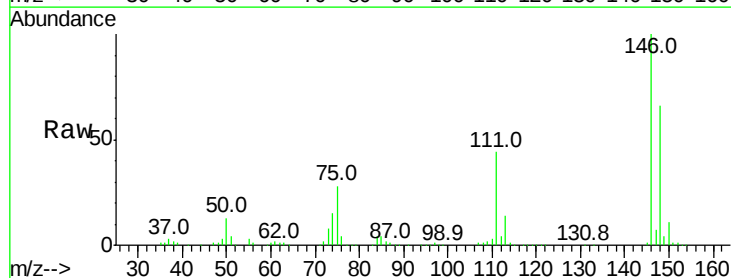
Tgt Ion:146 Resp: 399579

Ion Ratio Lower Upper

146 100

148 65.6 50.6 75.8

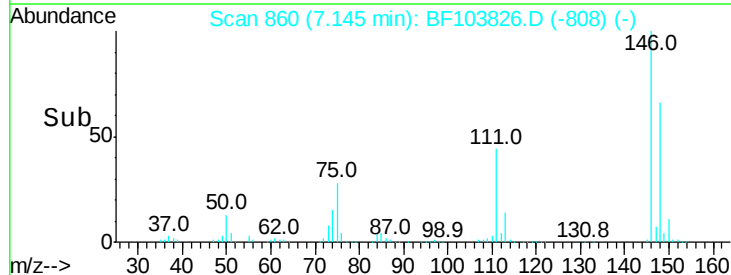
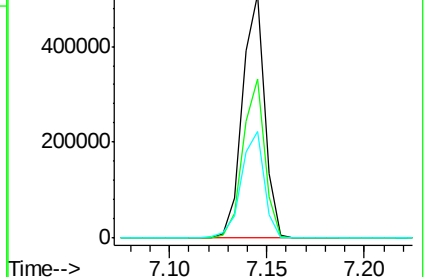
111 43.8 36.0 54.0

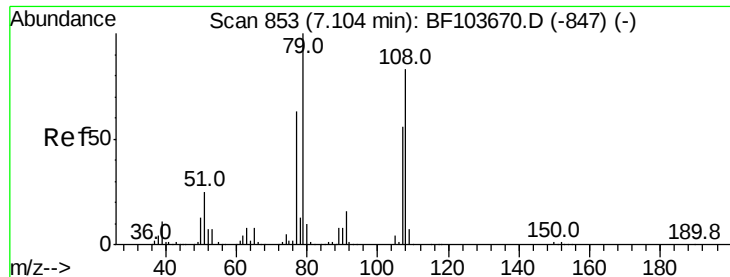


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.379 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampled :

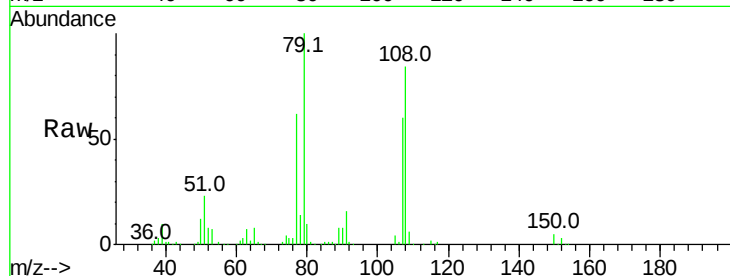
Tot Ion: 79 Resp: 344606

Ion Ratio Lower Upper

79 100

108 84.2 65.1 97.7

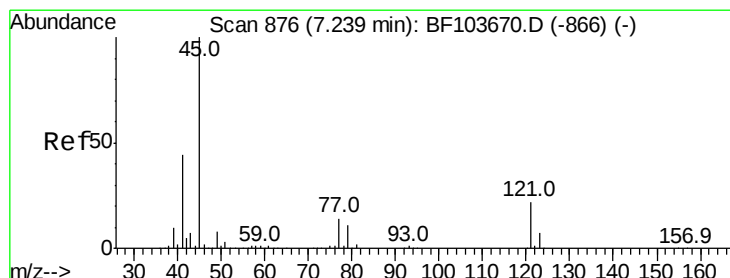
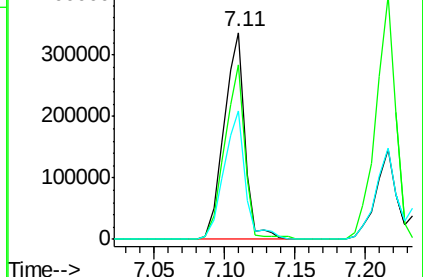
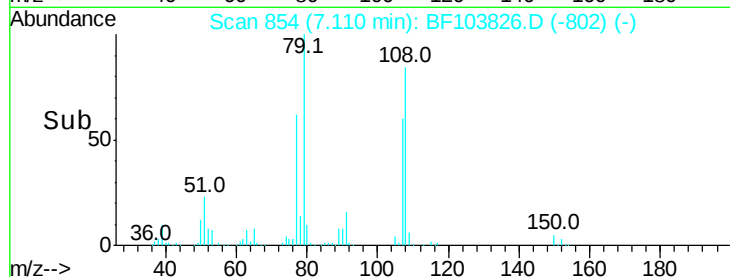
77 62.0 50.6 75.8



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: 32.893 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

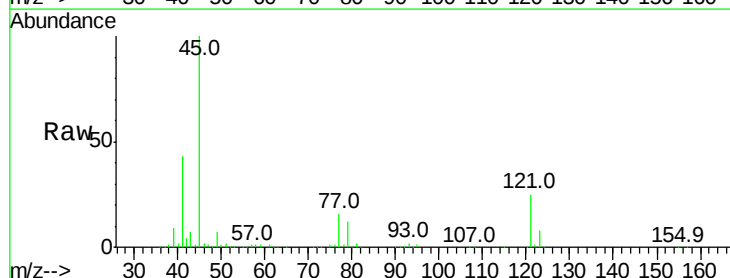
Tgt Ion: 45 Resp: 501750

Ion Ratio Lower Upper

45 100

77 16.0 0.0 32.9

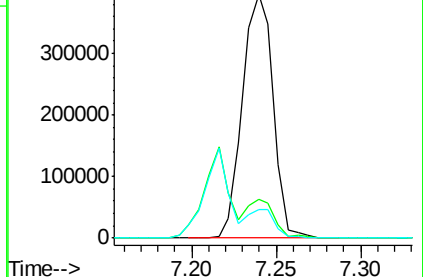
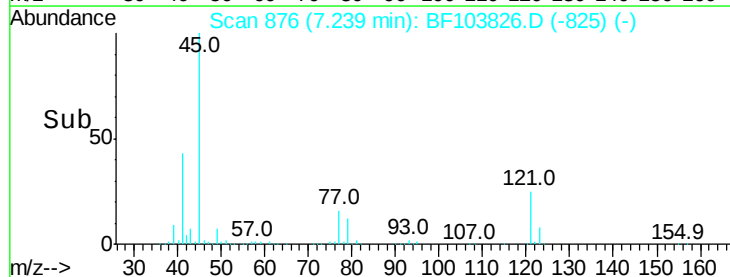
79 11.8 0.0 29.6

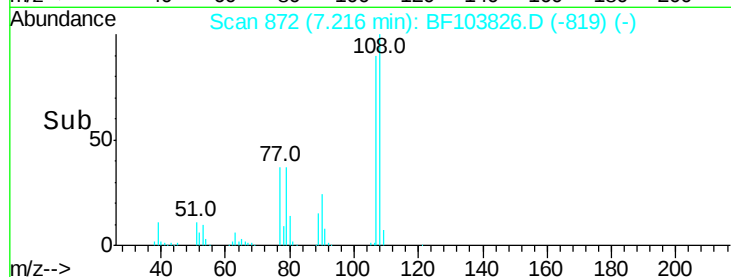
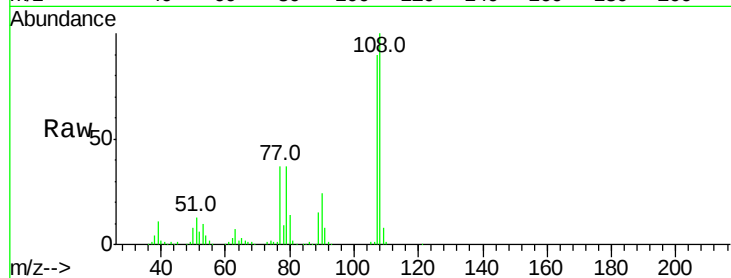
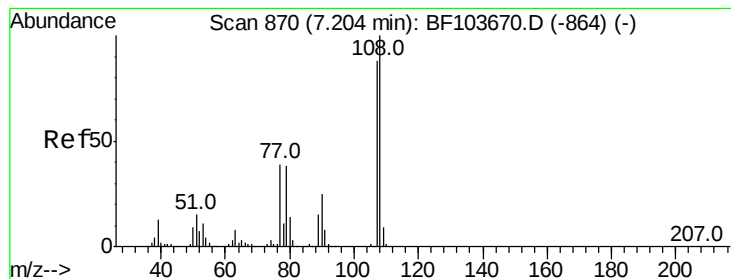


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.902 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 344015

Ion Ratio Lower Upper

107 100

108 111.2 91.7 137.5

77 41.4 33.8 50.8

79 41.1 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

600000

500000

400000

300000

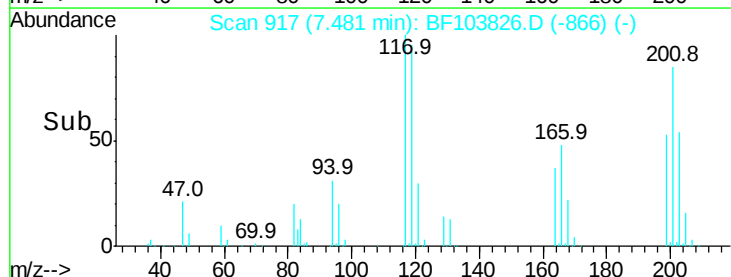
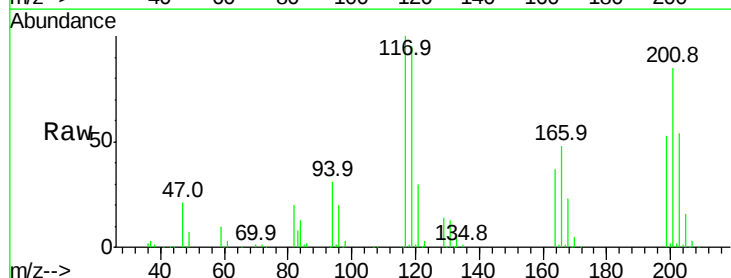
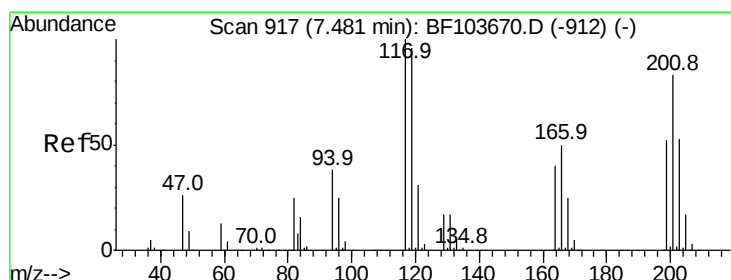
200000

100000

0

7.15 7.20 7.25

Time-->



#18

Hexachloroethane

Concen: 35.368 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion:117 Resp: 149052

Ion Ratio Lower Upper

117 100

119 94.5 75.8 113.8

201 85.5 75.7 113.5

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

200000

150000

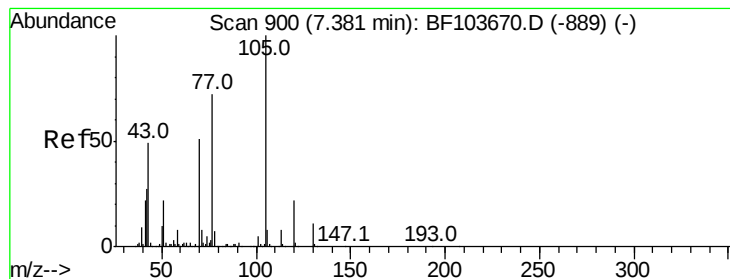
100000

50000

0

7.45 7.50

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 34.057 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 266848

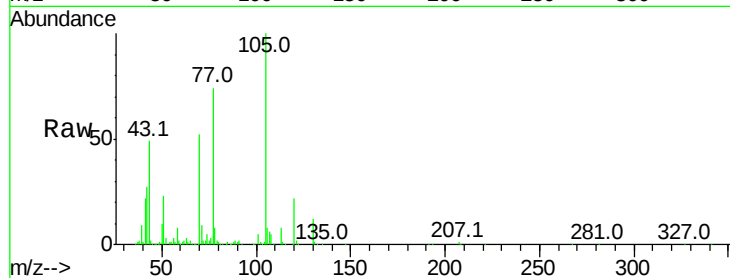
Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	10.0	7.4	11.2
130	22.8	16.6	25.0

70 100

42 51.6 47.5 71.3

101 10.0 7.4 11.2

130 22.8 16.6 25.0



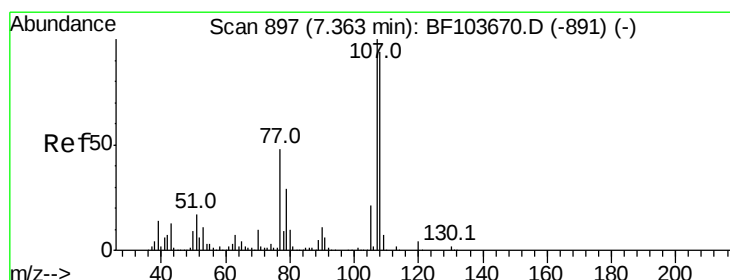
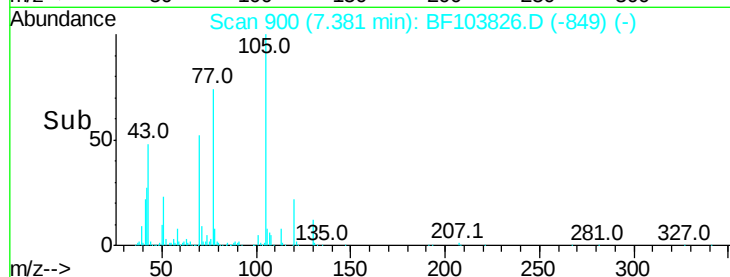
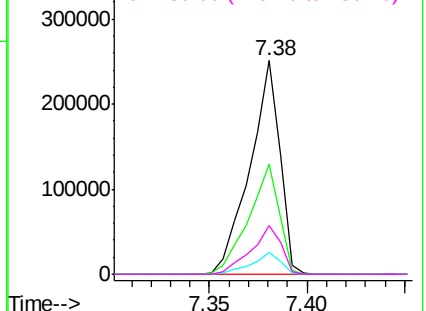
Abundance

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: 35.749 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion:107 Resp: 422945

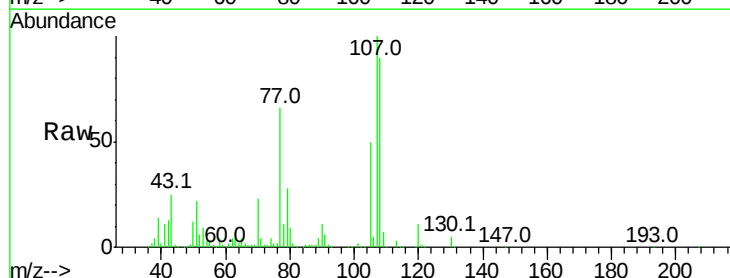
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	66.5	26.7	66.7
79	27.8	6.3	46.3

107 100

108 89.7 68.2 108.2

77 66.5 26.7 66.7

79 27.8 6.3 46.3



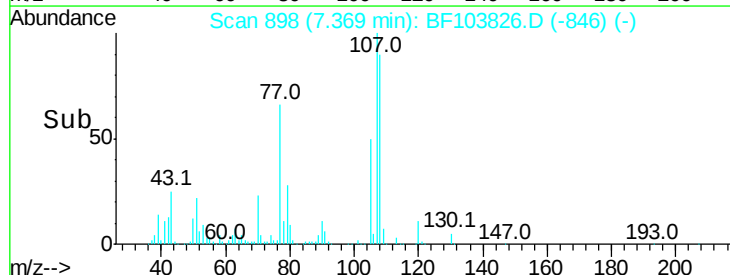
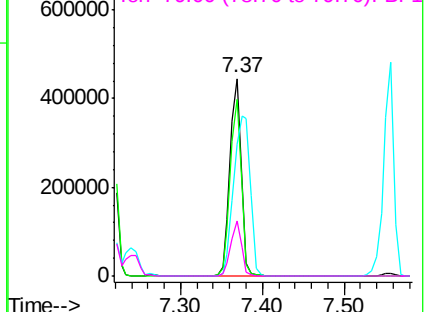
Abundance

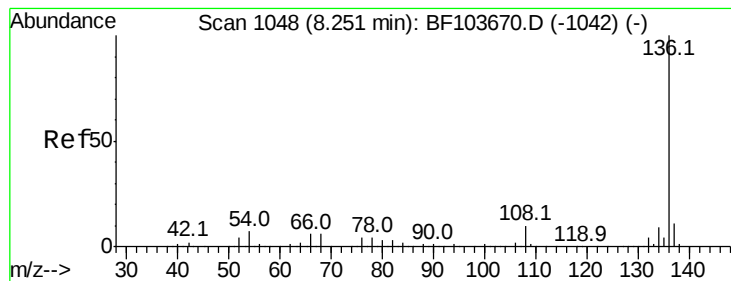
Ion 107.00 (106.70 to 107.70): BF1

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: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 640312

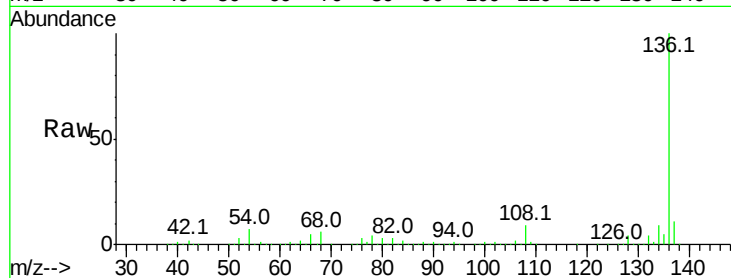
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.8 6.6 9.8

68 6.1 5.0 7.4

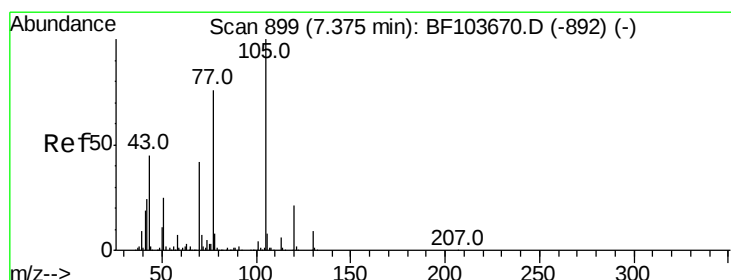
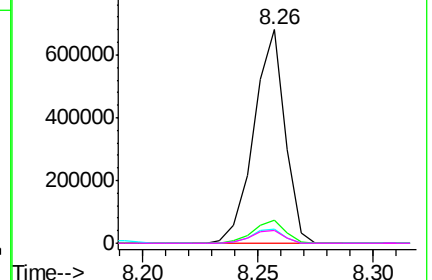
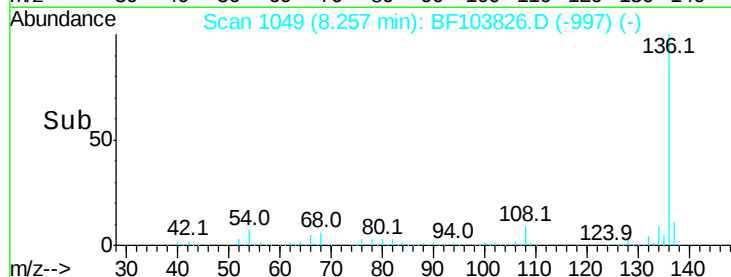


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.610 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion:105 Resp: 536642

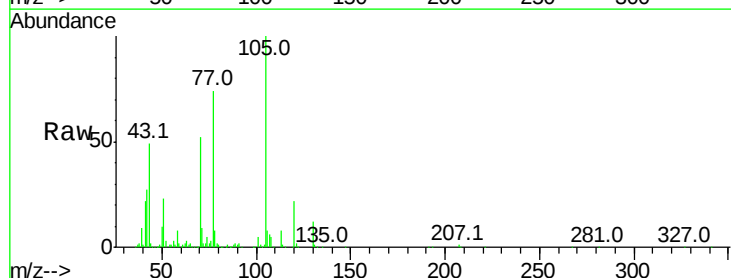
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 22.9 22.3 33.5

120 22.3 16.9 25.3

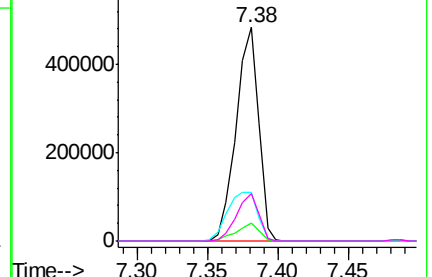
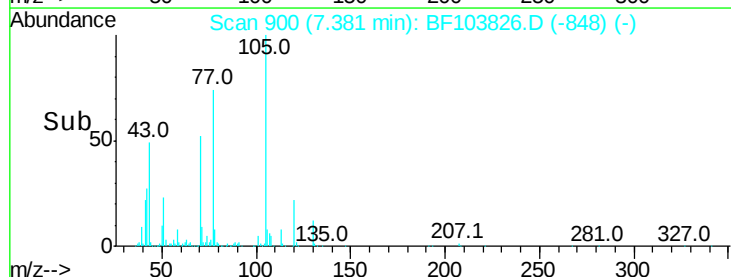


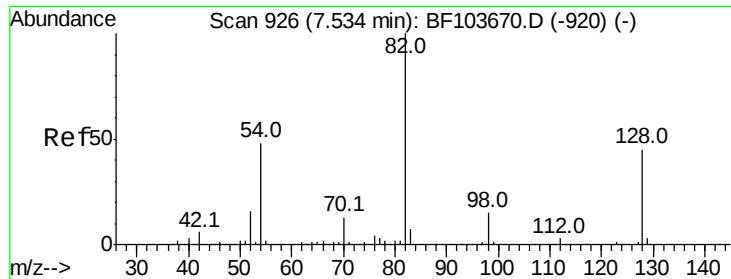
Abundance Ion 105.00 (104.70 to 105.70): E

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

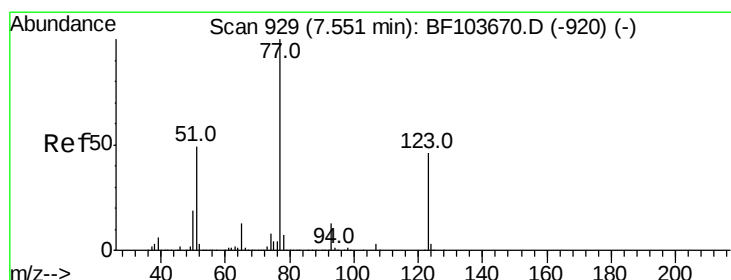
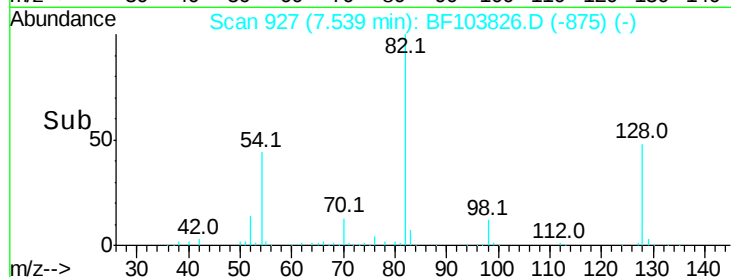
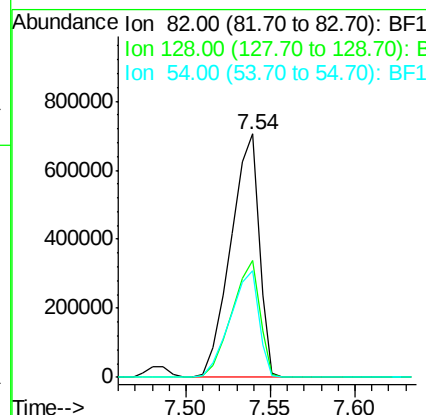
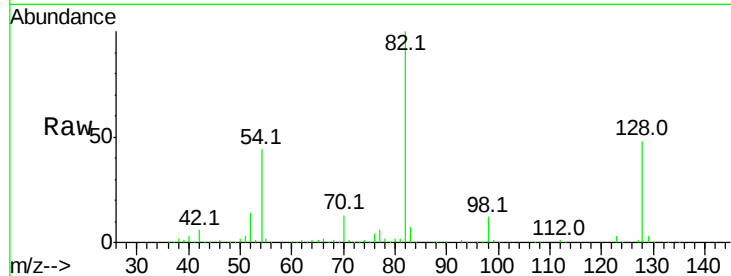




#23
Nitrobenzene-d5
Concen: 89.705 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

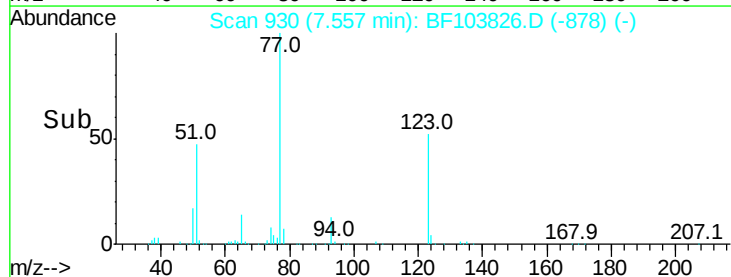
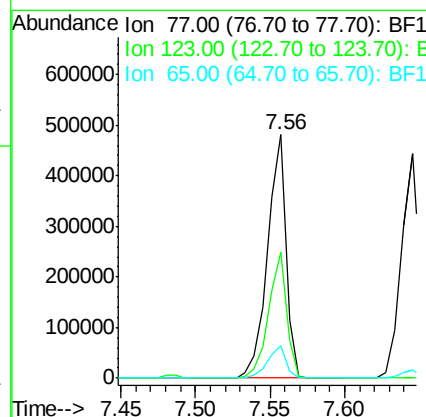
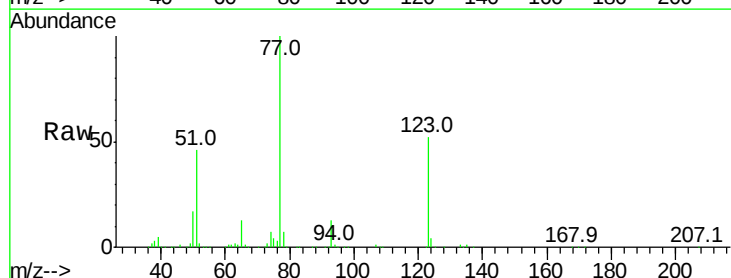
Instrument :
BNA_F
ClientSampled :

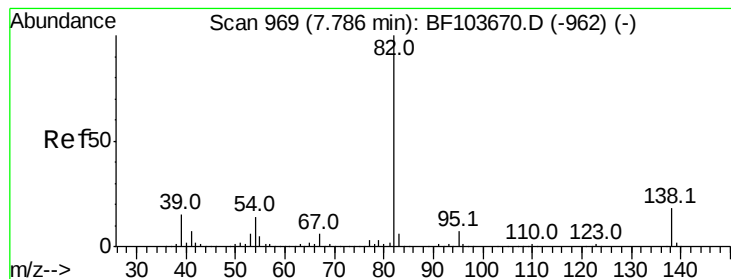
Tot Ion	82	Resp	823671
Ion Ratio	100	Lower	Upper
128	47.9	36.1	54.1
54	43.9	41.4	62.2



#24
Nitrobenzene
Concen: 37.943 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion	77	Resp	409014
Ion Ratio	100	Lower	Upper
123	51.8	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 36.077 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

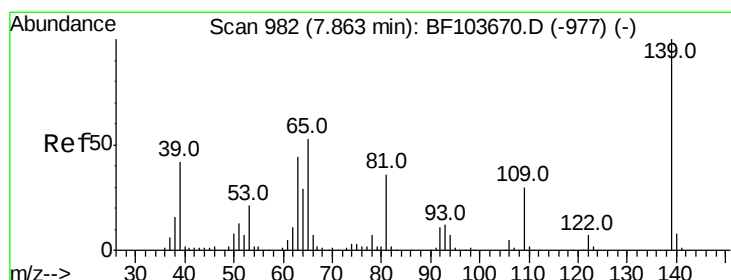
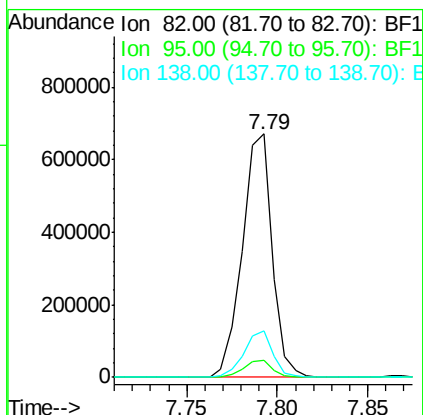
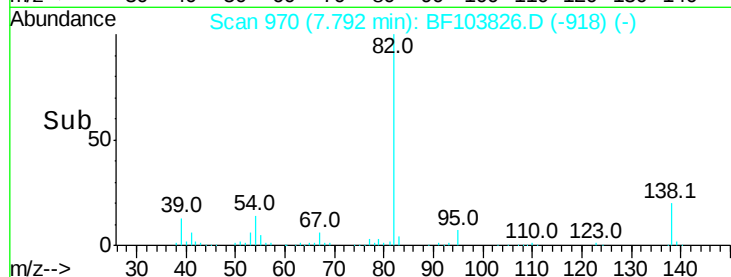
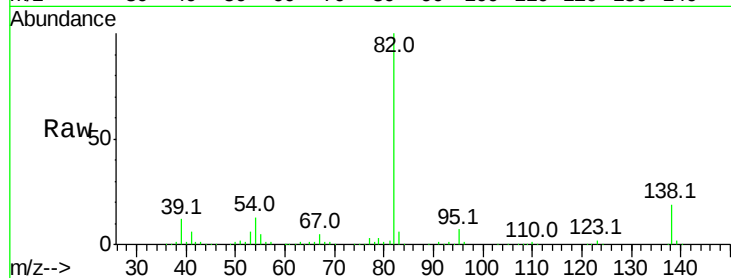
Tot Ion: 82 Resp: 766842

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 51.855 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

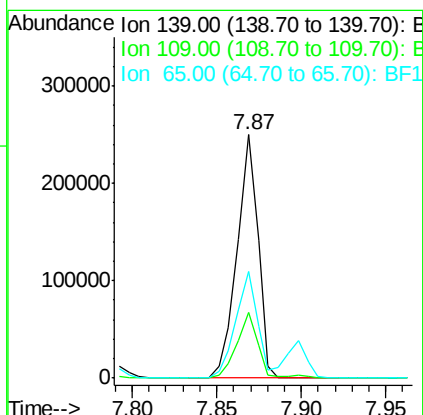
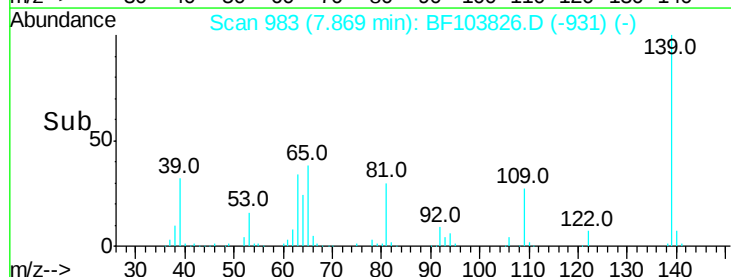
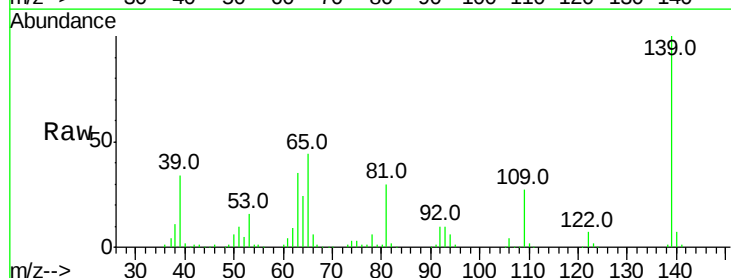
Tgt Ion: 139 Resp: 216548

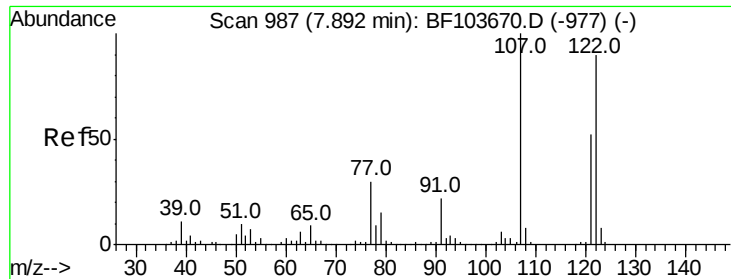
Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

65 43.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.148 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

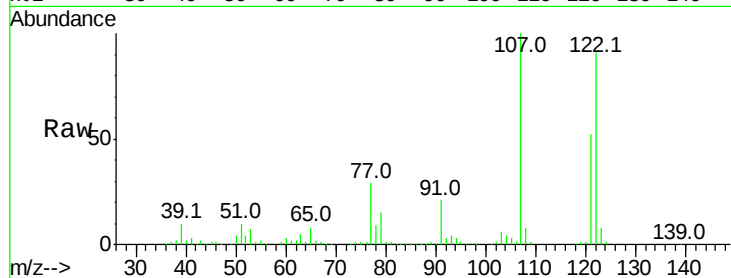
Tot Ion:122 Resp: 411117

Ion Ratio Lower Upper

122 100

107 110.1 91.2 136.8

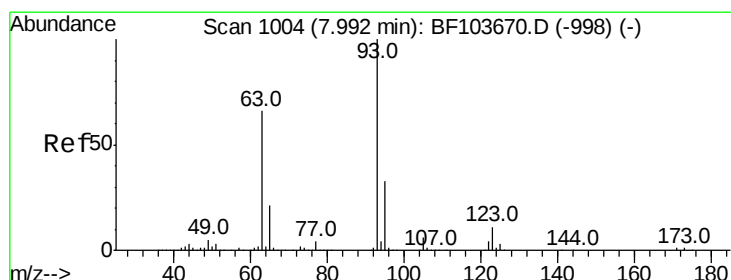
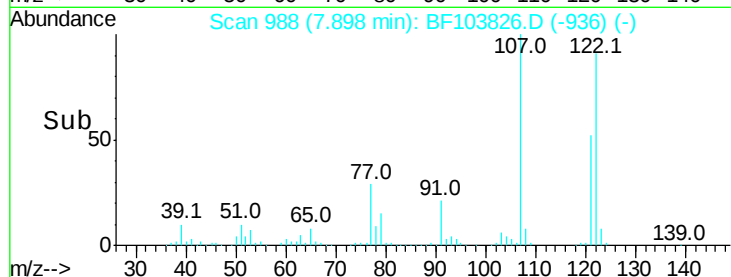
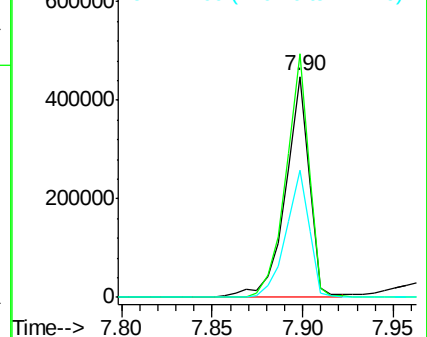
121 57.5 47.2 70.8



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: 40.755 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

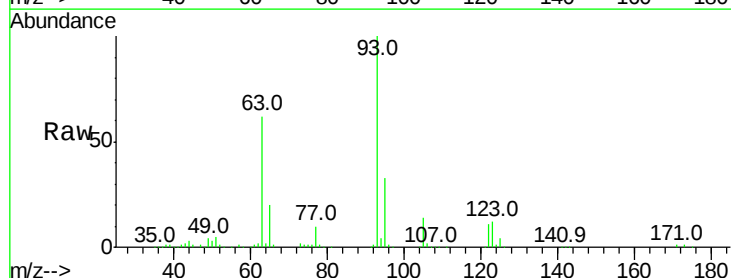
Tgt Ion: 93 Resp: 524567

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

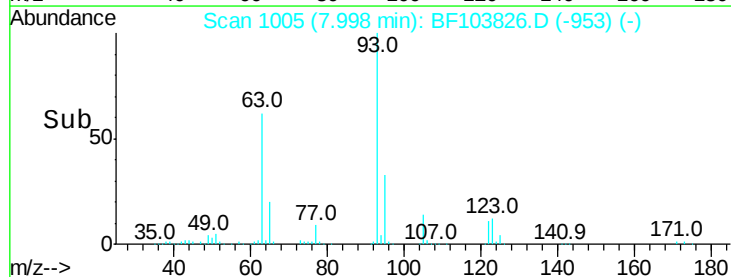
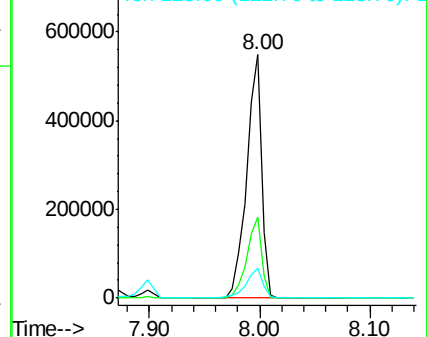
123 12.3 9.8 14.6

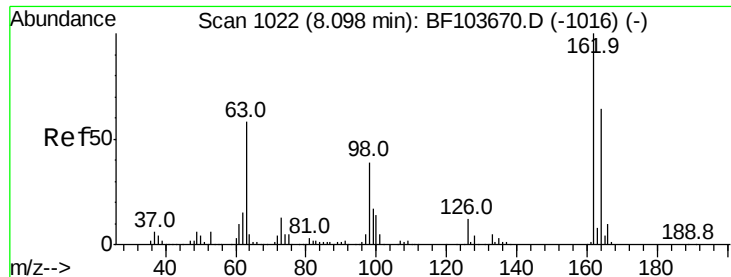


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

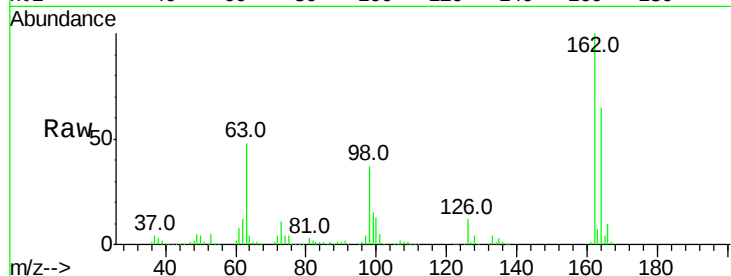




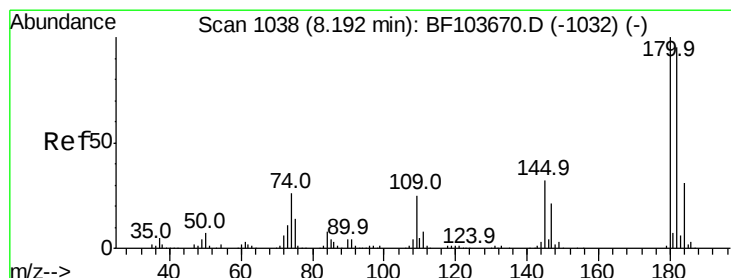
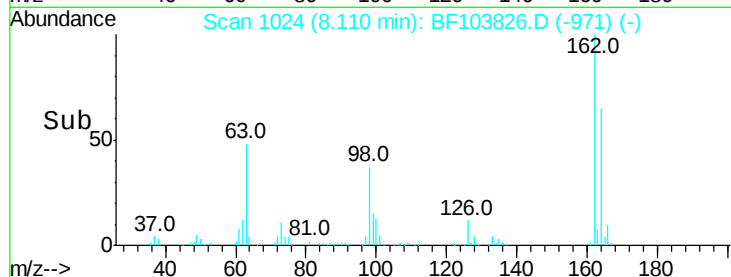
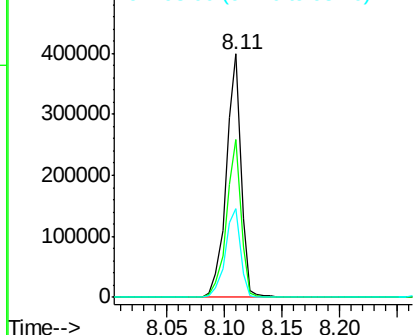
#29
 2,4-Dichlorophenol
 Concen: 42.854 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	36.7	18.1	58.1

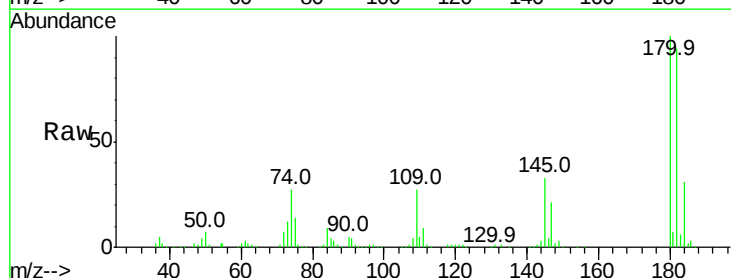


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

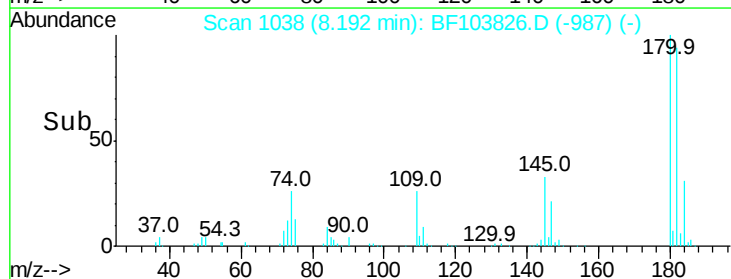
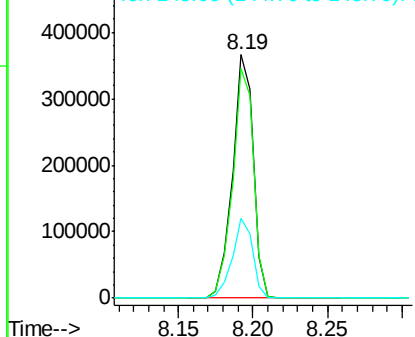


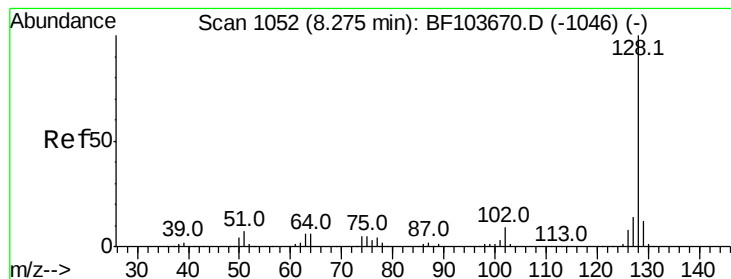
#30
 1,2,4-Trichlorobenzene
 Concen: 37.497 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.8	115.2
145	33.0	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.572 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

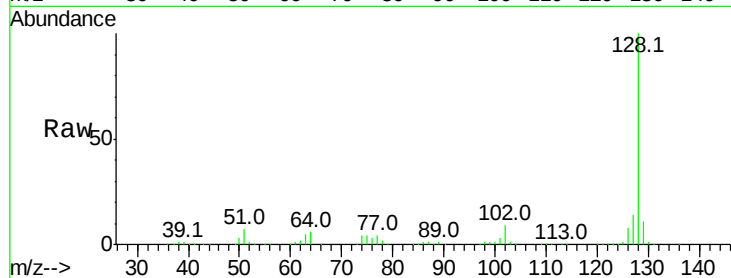
Tot Ion:128 Resp: 1215282

Ion Ratio Lower Upper

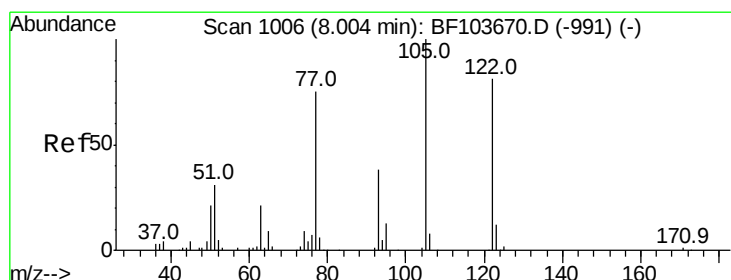
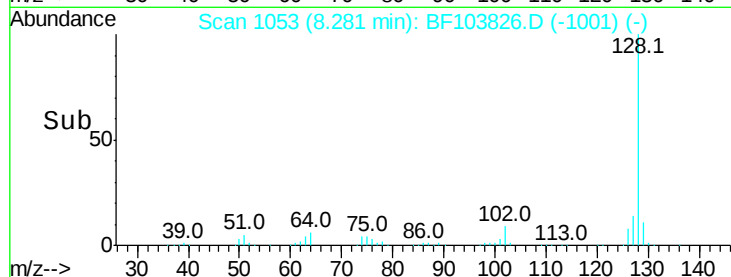
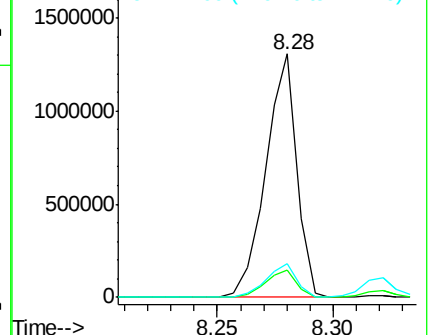
128 100

129 11.4 8.8 13.2

127 13.6 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: 35.017 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

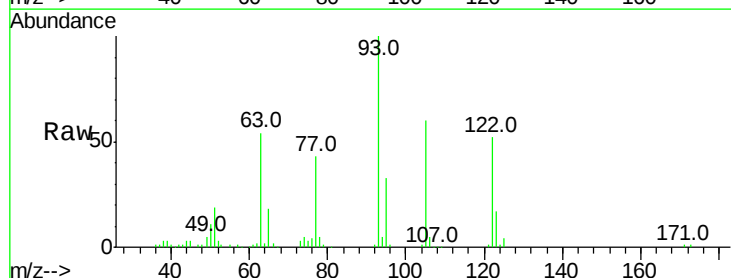
Tgt Ion:122 Resp: 203297

Ion Ratio Lower Upper

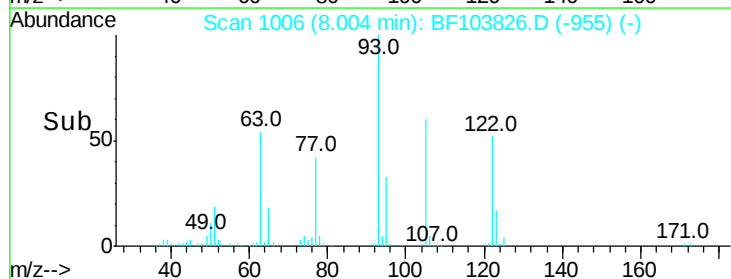
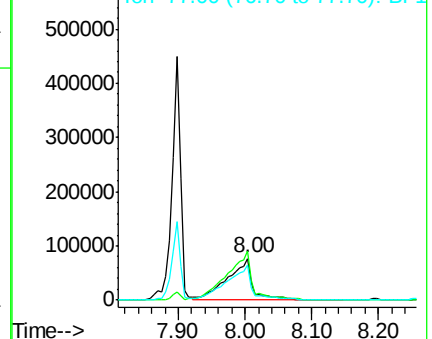
122 100

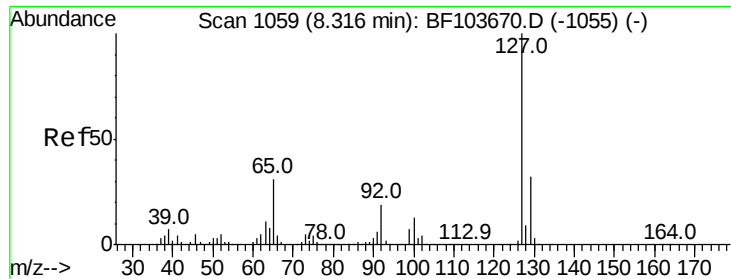
105 117.1 101.1 141.1

77 83.9 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

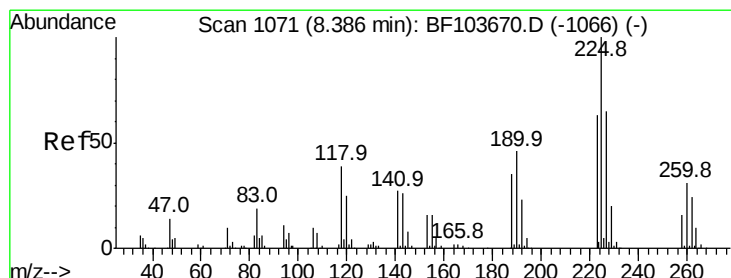
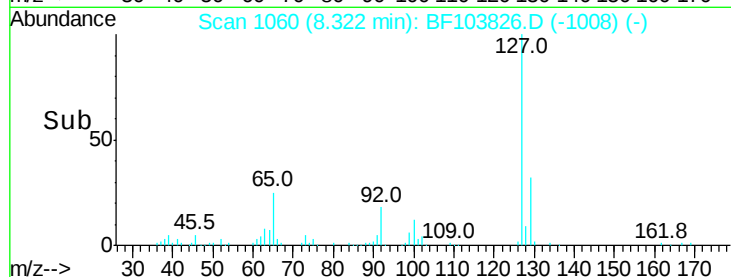
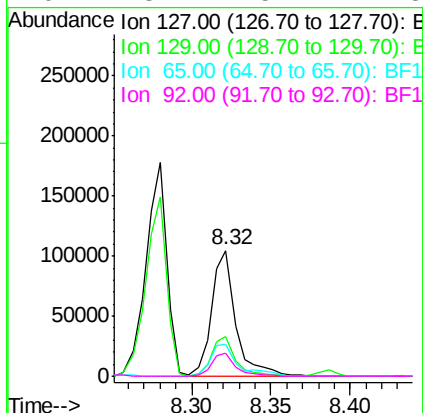
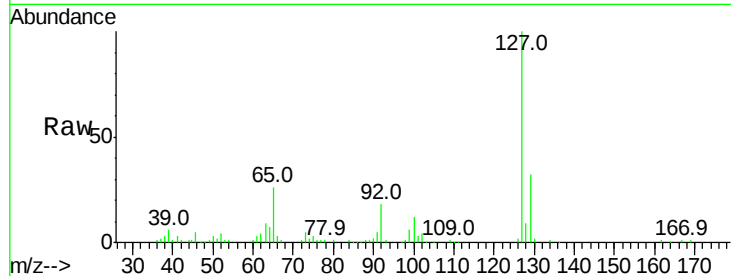




#33
4-Chloroaniline
Concen: 8.159 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

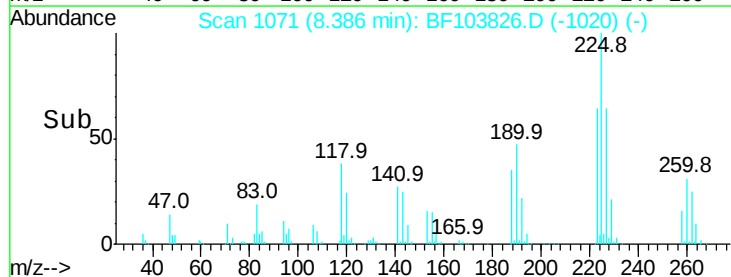
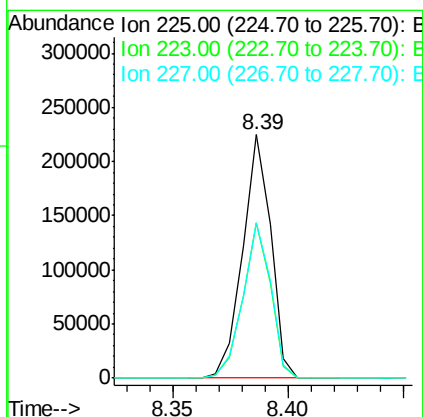
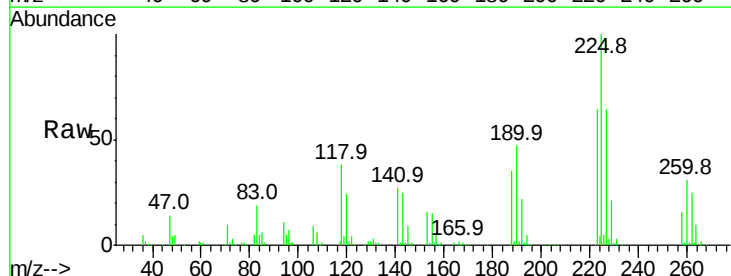
Instrument :
BNA_F
ClientSampled :

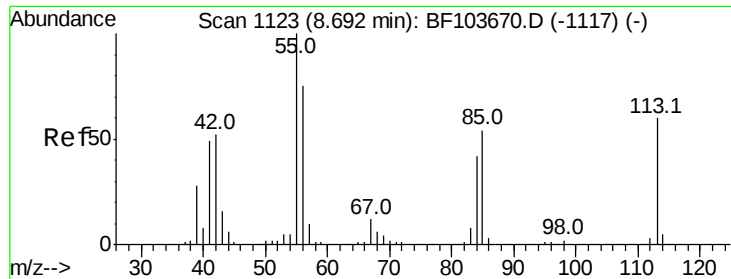
Tot Ion:	127	Resp:	110712
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	25.8	25.0	37.4
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.510 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:	225	Resp:	192342
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	64.0	51.9	77.9

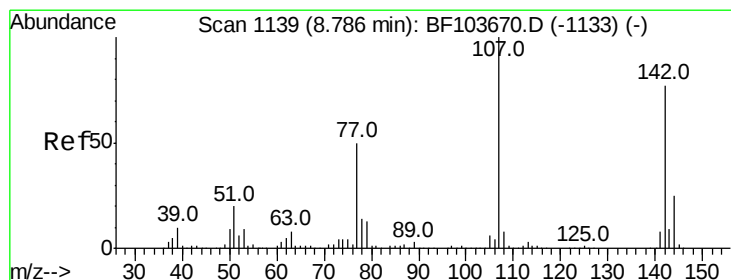
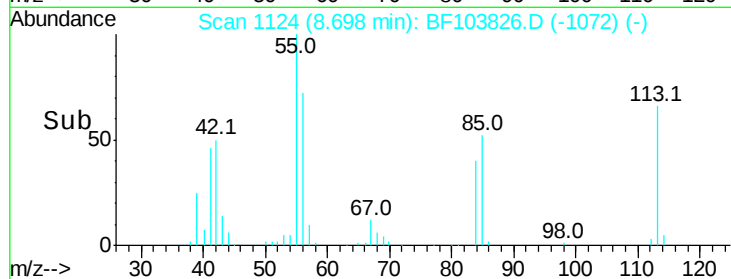
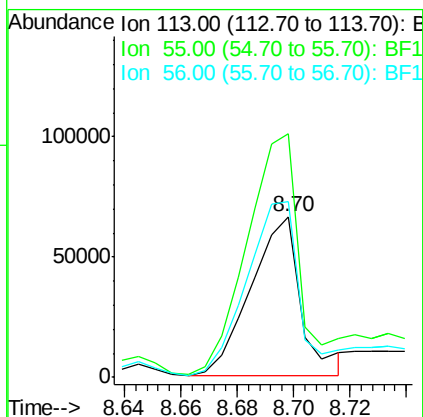
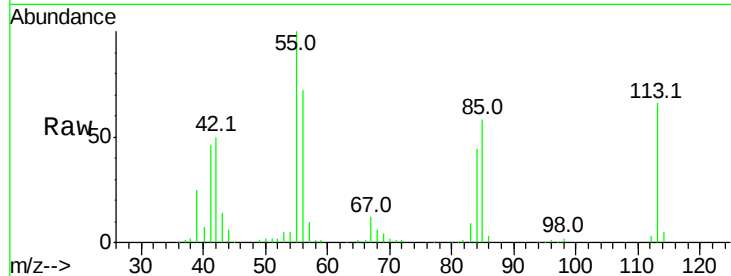




#35
 Caprolactam
 Concen: 28.873 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

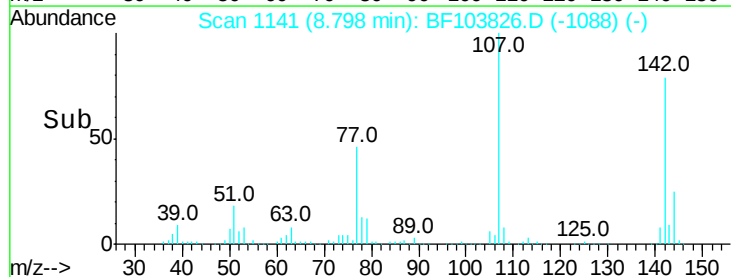
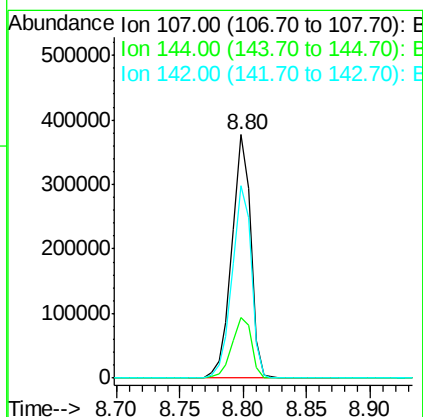
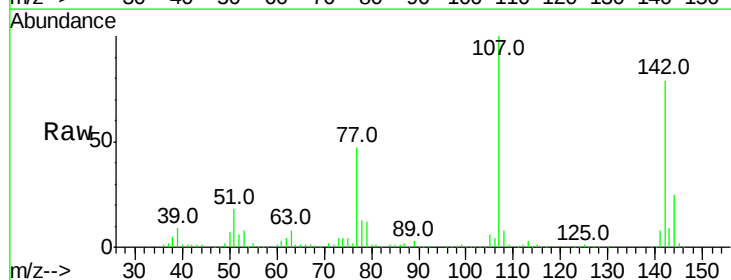
Instrument :
 BNA_F
 ClientSampleId :

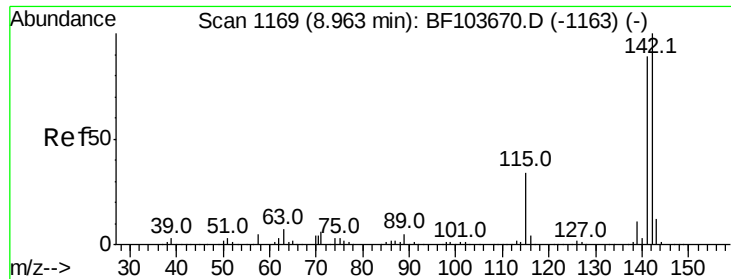
Tot Ion:113 Resp: 82366
 Ion Ratio Lower Upper
 113 100
 55 151.7 163.3 203.3#
 56 109.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 42.225 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion:107 Resp: 385638
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 79.3 62.0 93.0

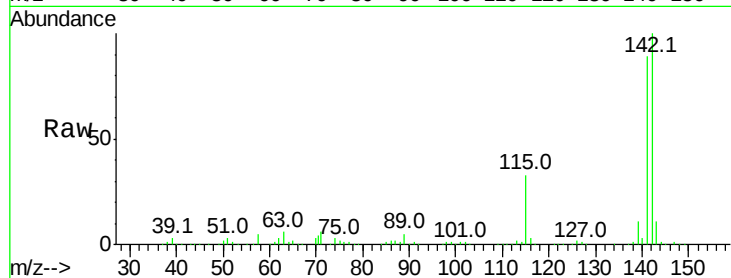




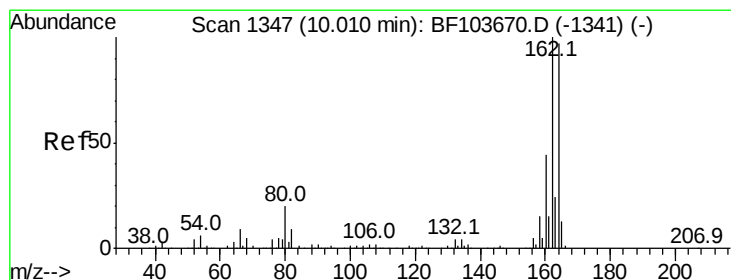
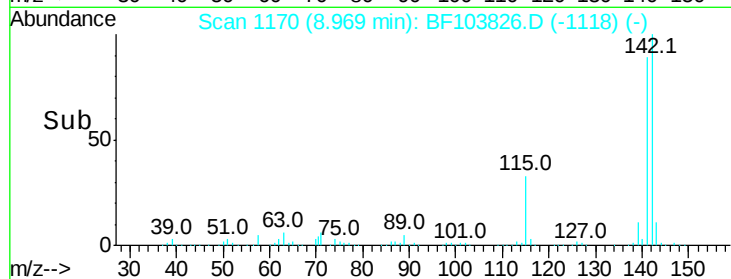
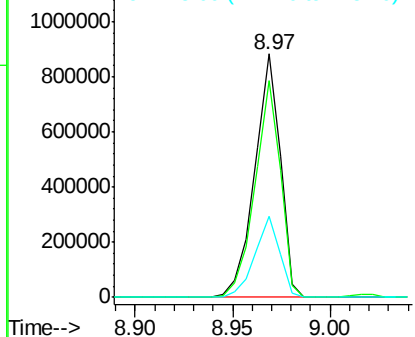
#37
2-Methylnaphthalene
Concen: 39.080 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 801616
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 33.5 26.1 39.1

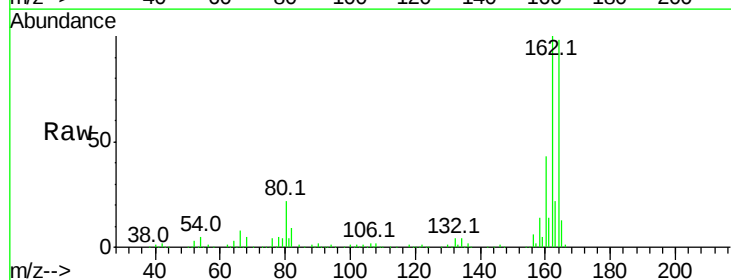


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

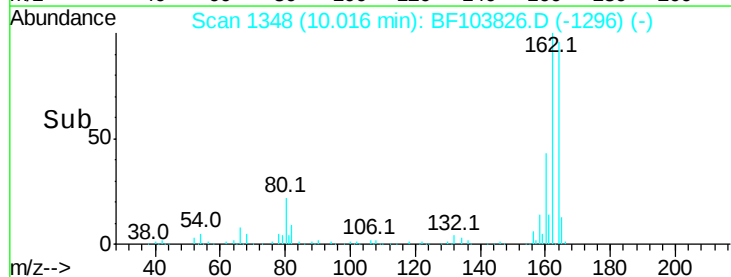
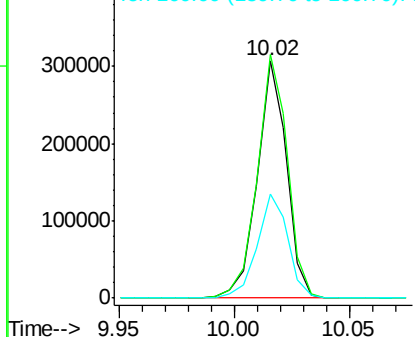


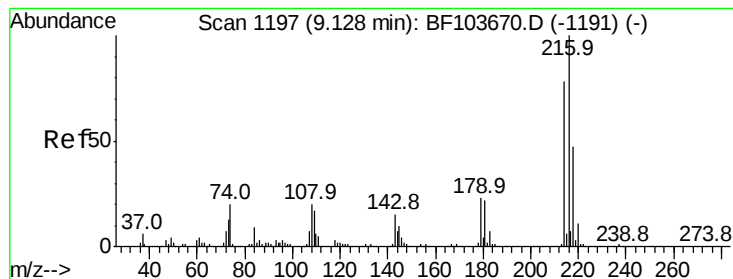
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:164 Resp: 271516
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 44.0 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: 42.839 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 331830

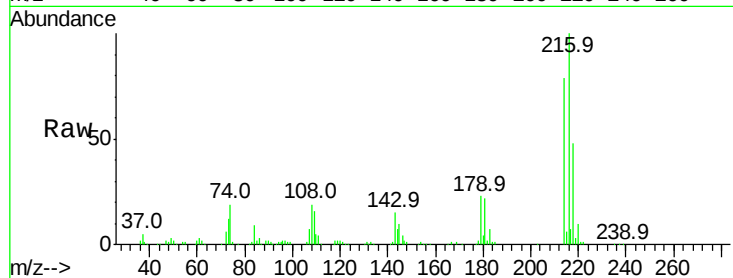
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.4 18.1 27.1

108 20.1 17.2 25.8

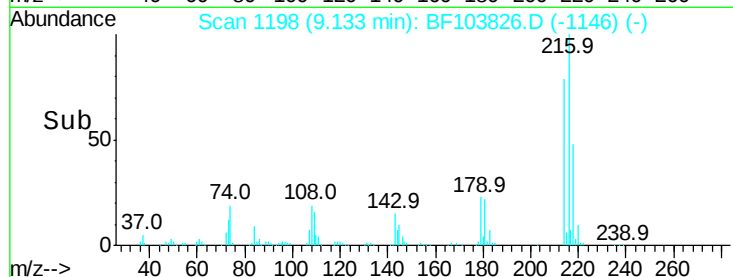


Abundance Ion 216.00 (215.70 to 216.70): E

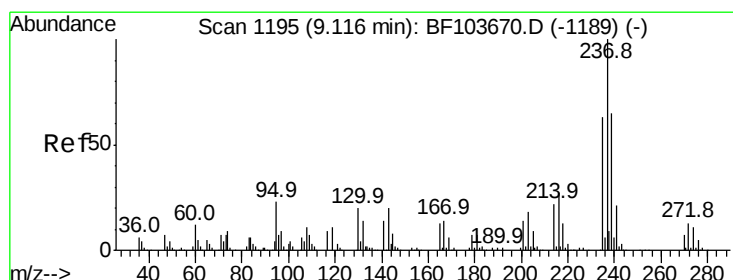
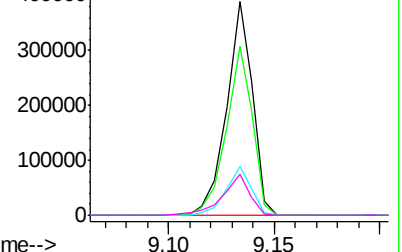
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 40.917 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

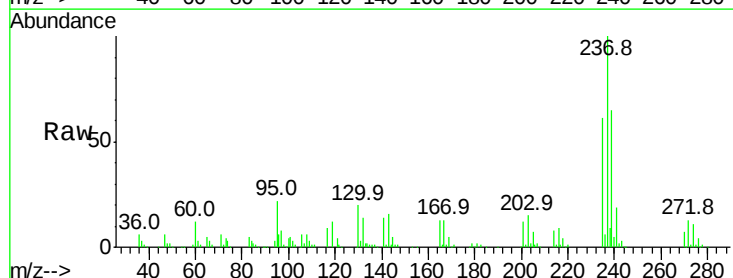
Tgt Ion:237 Resp: 163544

Ion Ratio Lower Upper

237 100

235 61.4 44.8 84.8

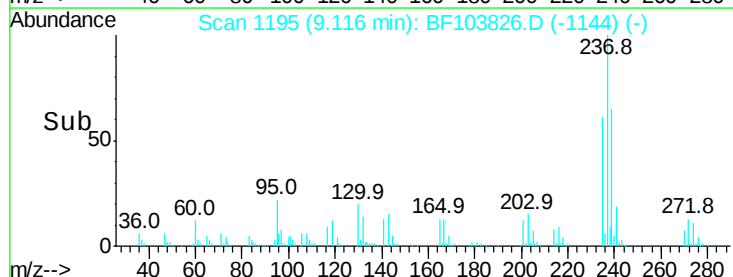
272 13.3 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

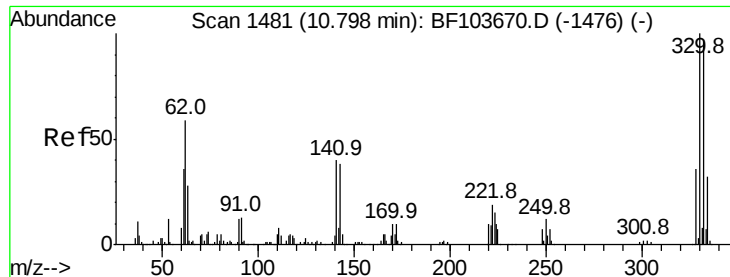
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

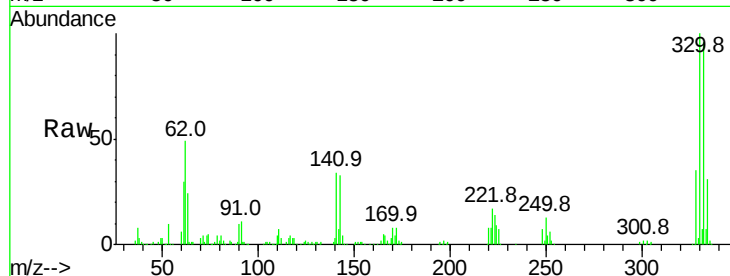




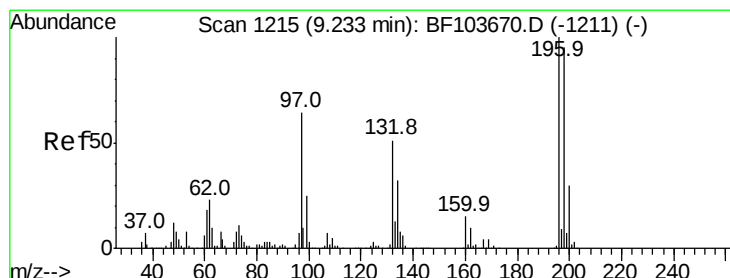
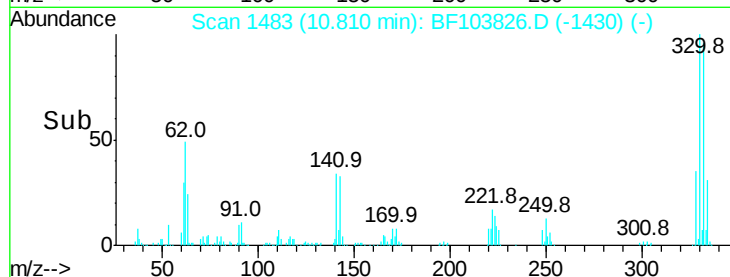
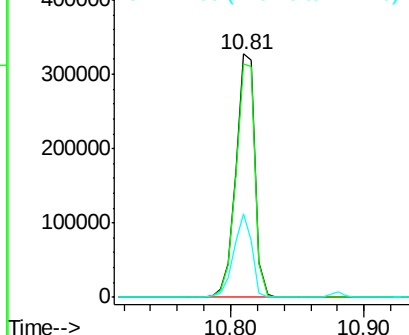
#41
 2,4,6-Tribromophenol
 Concen: 140.378 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 327713
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.9 29.9 44.9

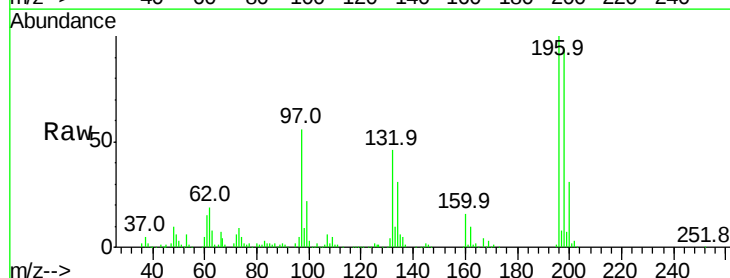


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

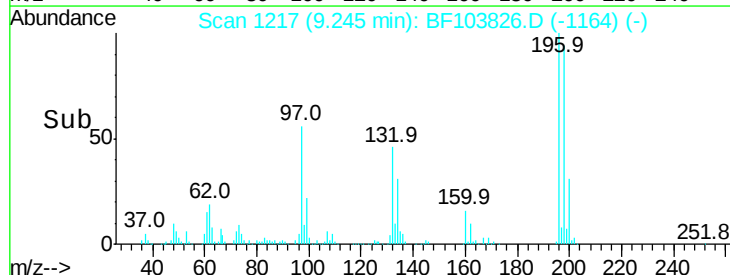
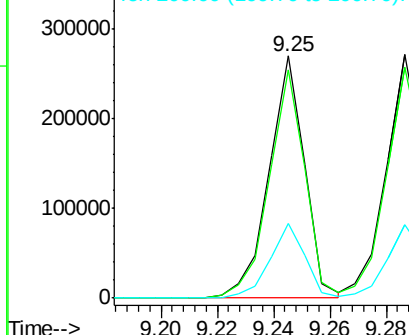


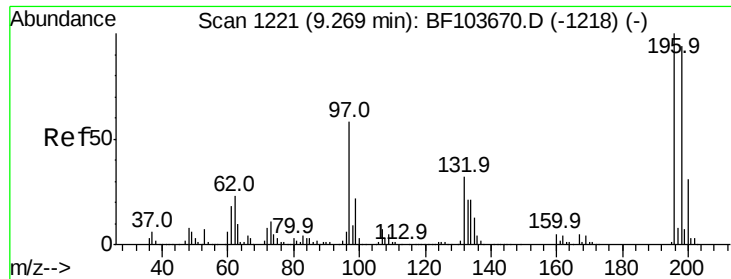
#42
 2,4,6-Trichlorophenol
 Concen: 47.725 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion:196 Resp: 236457
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 30.6 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

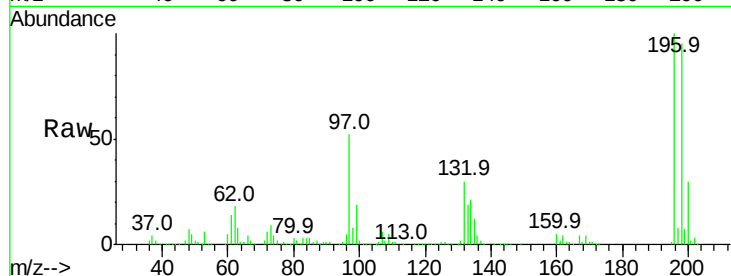




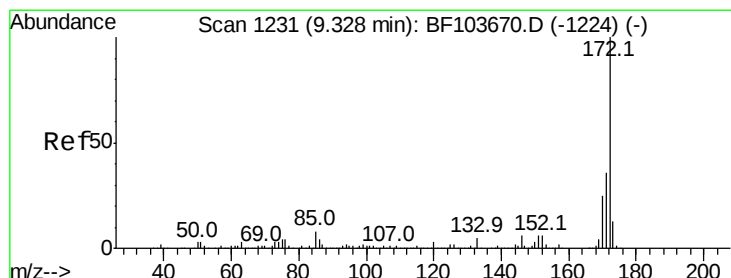
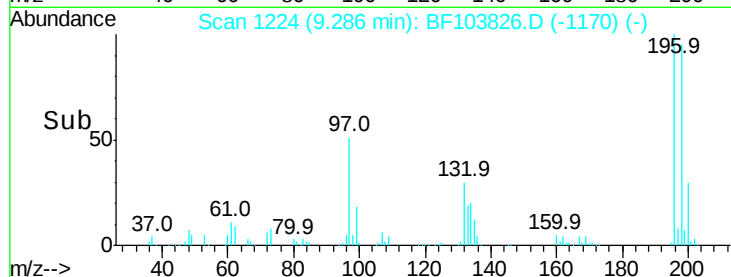
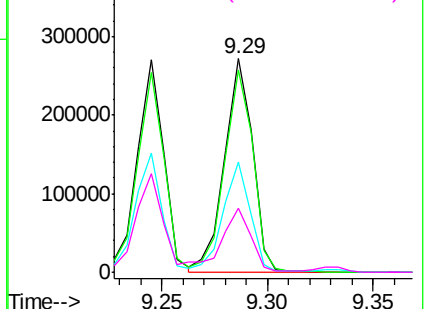
#43
 2,4,5-Trichlorophenol
 Concen: 44.483 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.02 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 248755
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.6 112.0
 97 51.6 42.9 64.3
 132 30.2 26.3 39.5

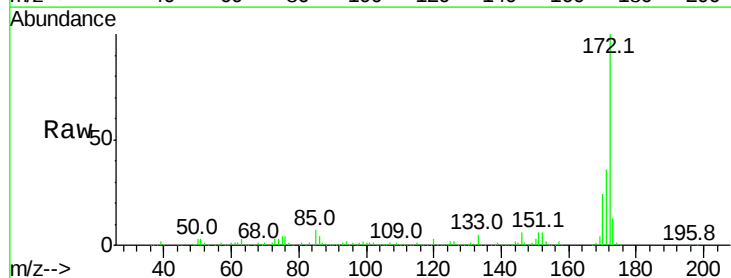


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

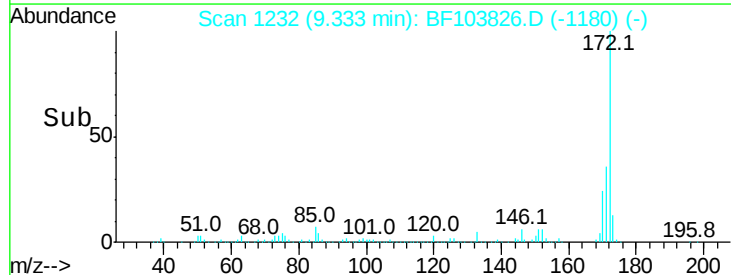
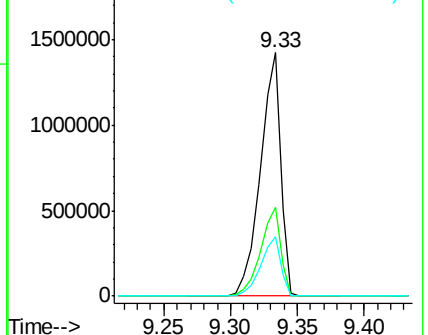


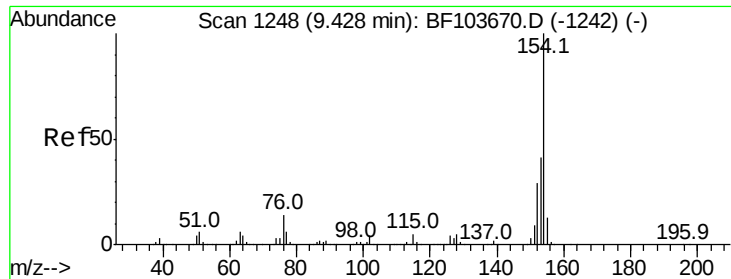
#44
 2-Fluorobiphenyl
 Concen: 87.077 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion:172 Resp: 1482176
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 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

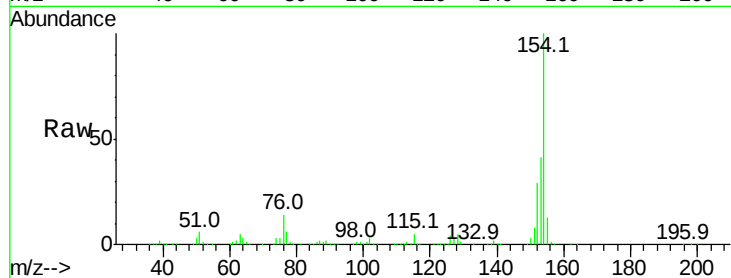




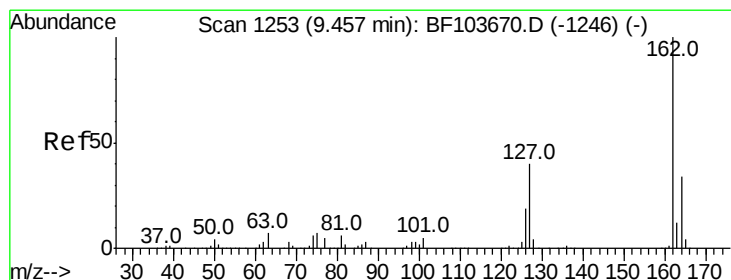
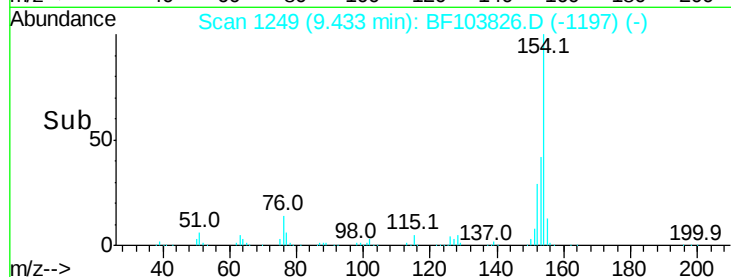
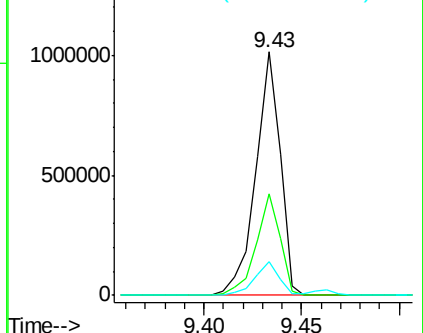
#45
 1,1'-Biphenyl
 Concen: 39.085 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 884901
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 13.7 0.0 34.0

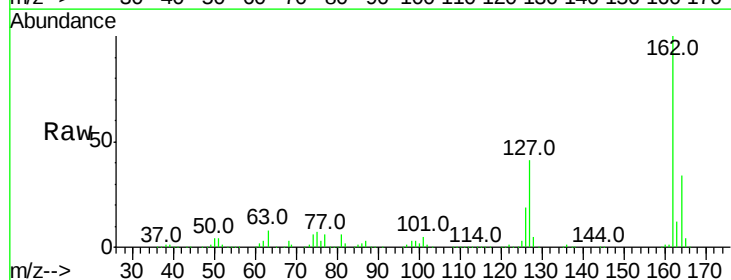


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

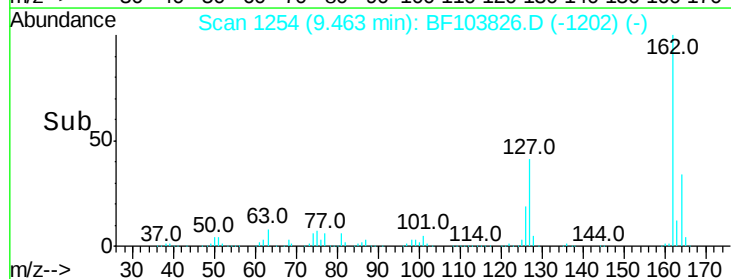
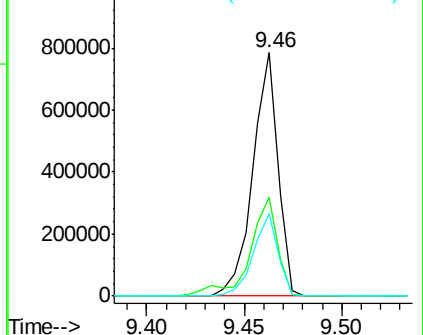


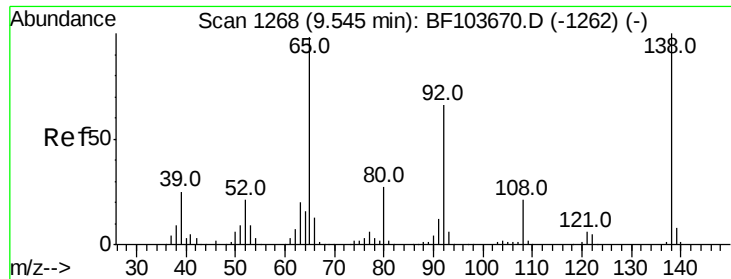
#46
 2-Chloronaphthalene
 Concen: 38.952 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion:162 Resp: 700451
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.9 50.9
 164 33.7 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

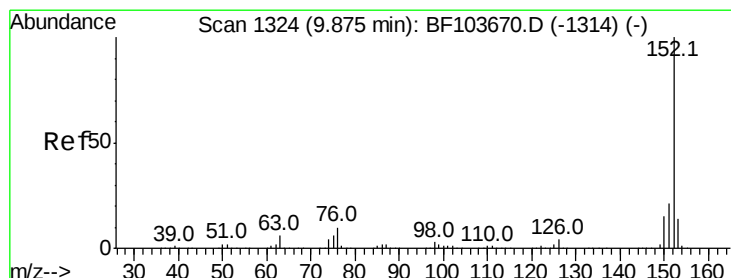
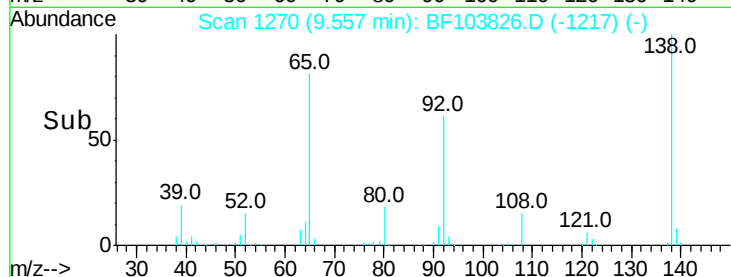
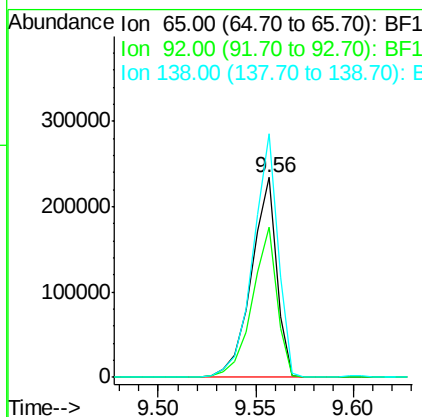
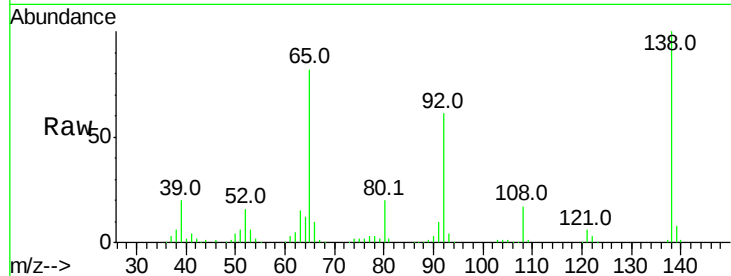




#47
2-Nitroaniline
Concen: 45.193 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

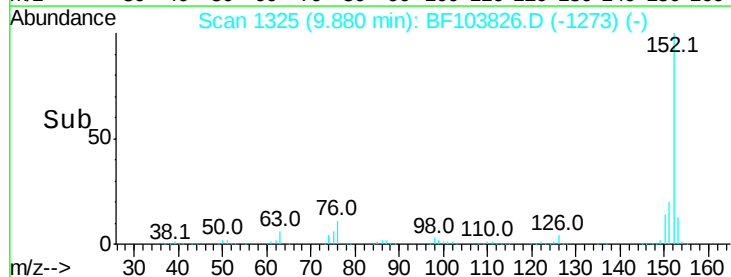
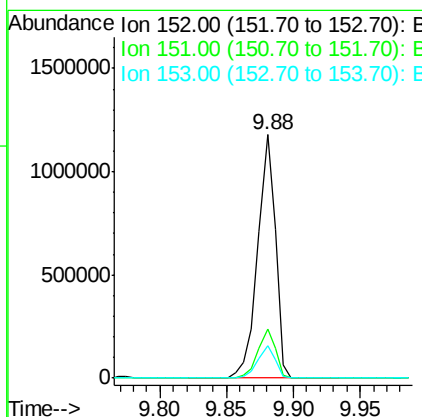
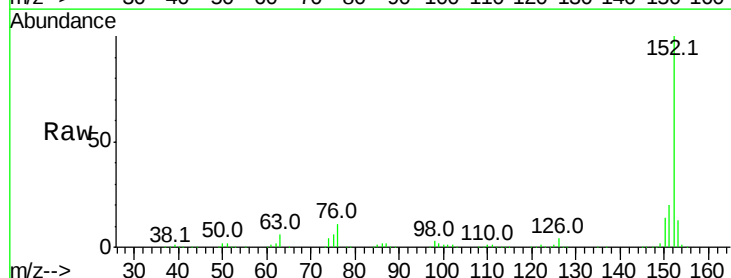
Instrument :
BNA_F
ClientSampleId :

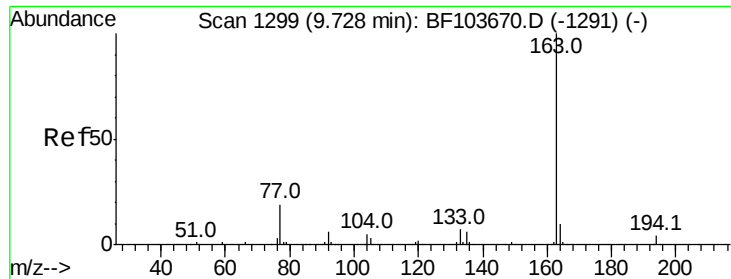
Tot Ion: 65 Resp: 210412
Ion Ratio Lower Upper
65 100
92 74.9 55.8 83.6
138 121.9 91.2 136.8



#48
Acenaphthylene
Concen: 38.336 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:152 Resp: 1069006
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.4 10.7 16.1

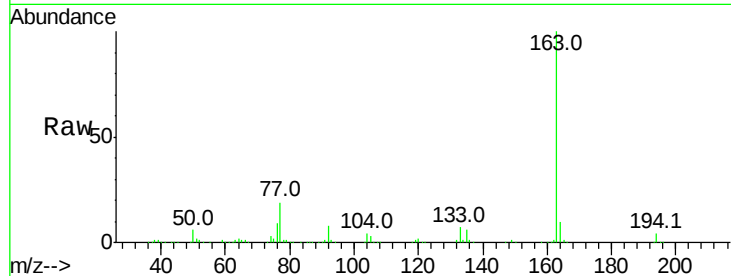




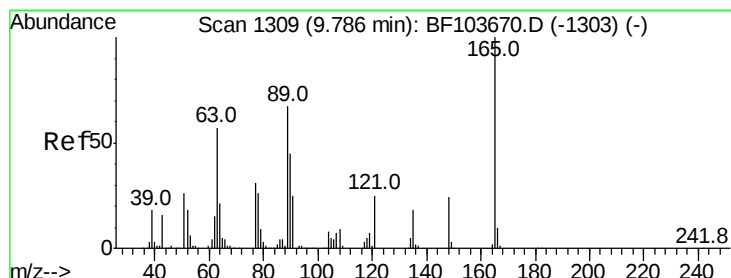
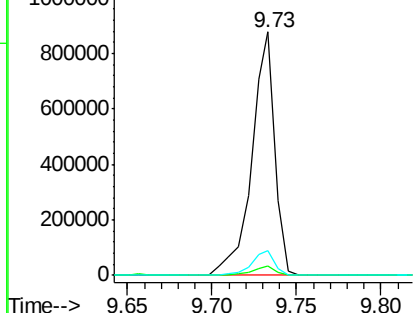
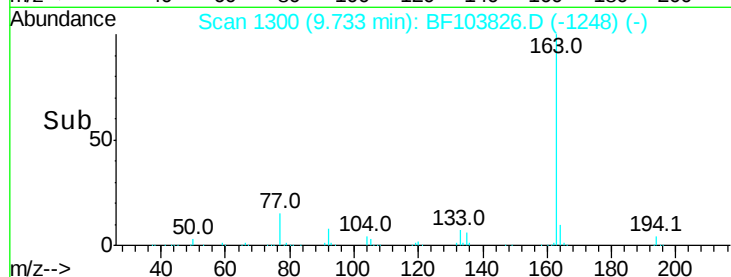
#49
Dimethylphthalate
Concen: 40.298 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 834773
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.0 8.2 12.2

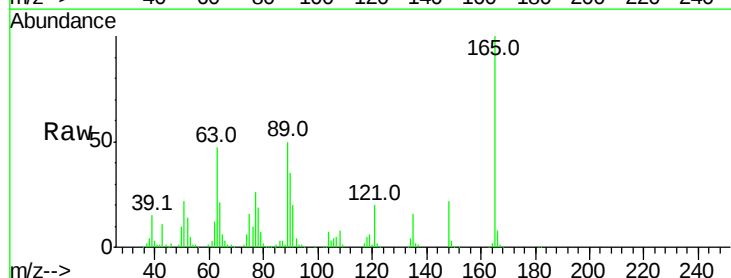


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

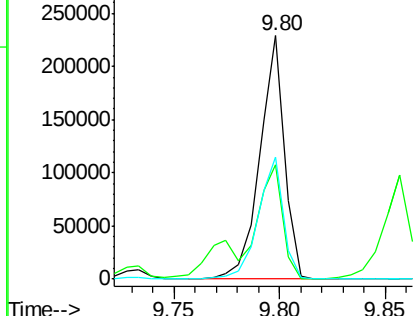
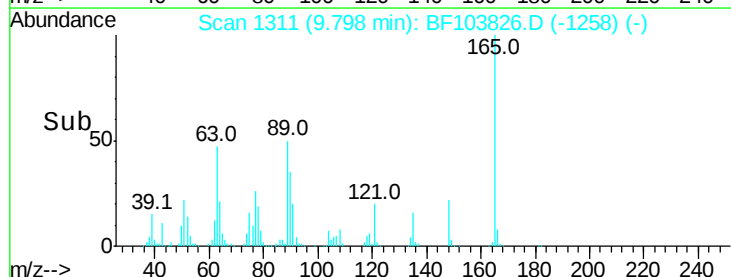


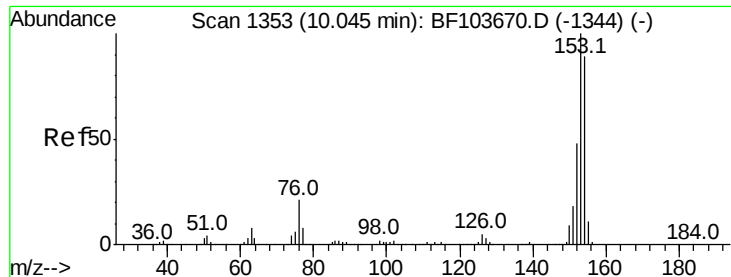
#50
2,6-Dinitrotoluene
Concen: 46.611 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:165 Resp: 186278
Ion Ratio Lower Upper
165 100
63 47.1 44.7 67.1
89 50.0 44.0 66.0



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





#51

Acenaphthene

Concen: 40.238 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampled :

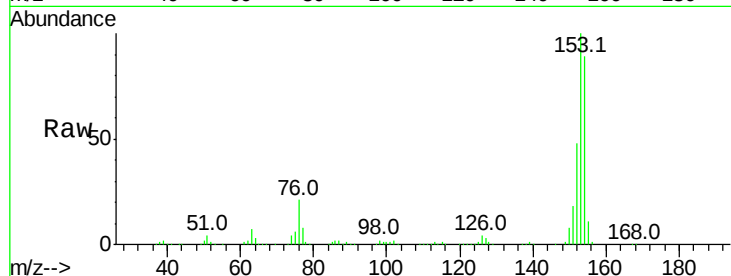
Tot Ion:154 Resp: 666235

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

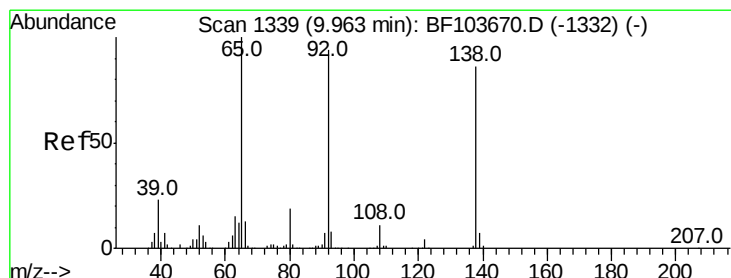
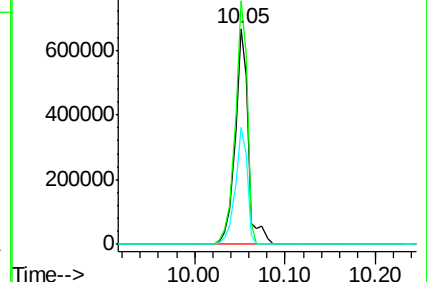
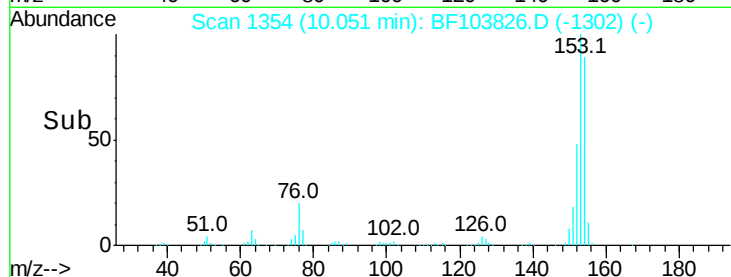
152 54.5 43.8 65.8



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: 21.467 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

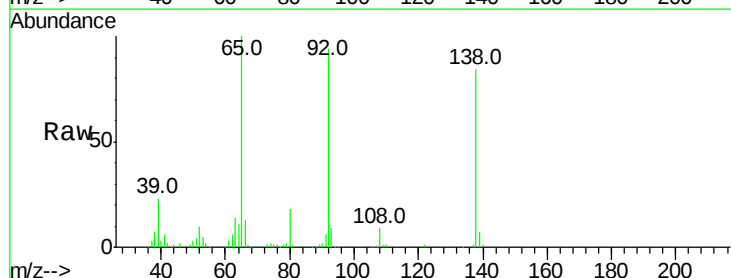
Tgt Ion:138 Resp: 92100

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

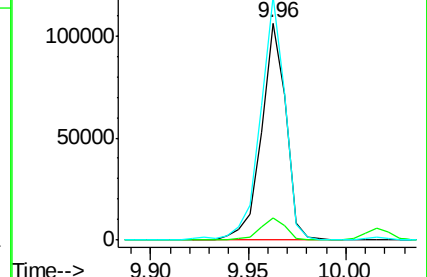
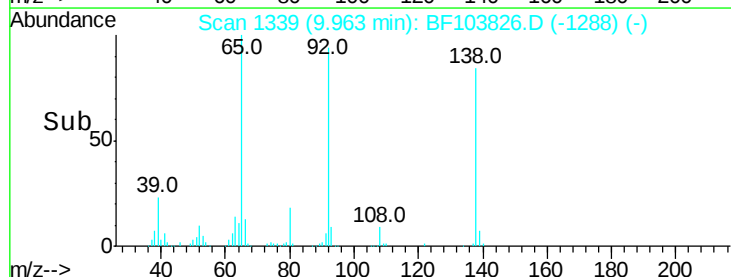
92 112.1 89.4 134.2

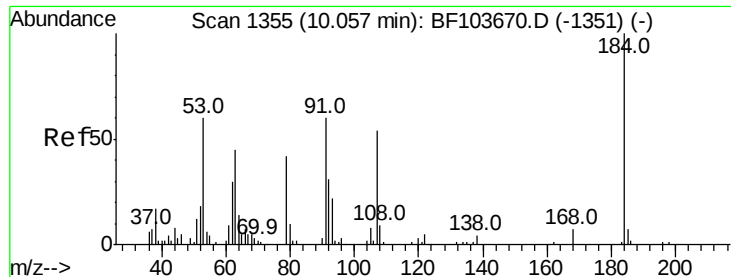


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

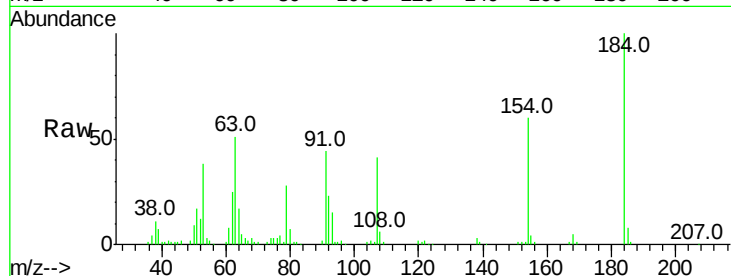




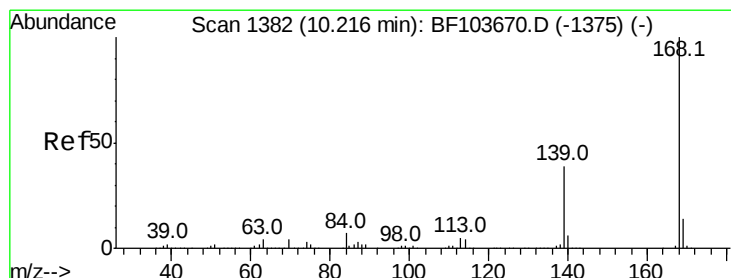
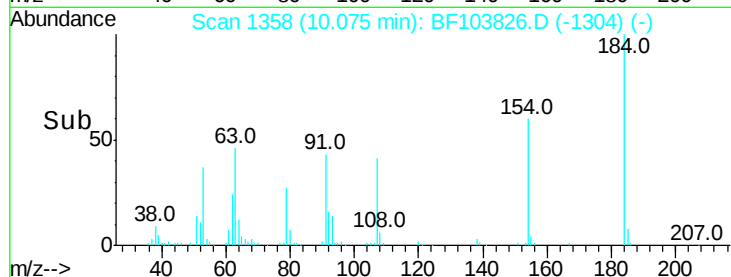
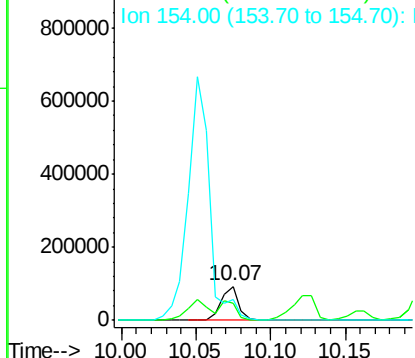
#53
2,4-Dinitrophenol
Concen: 70.034 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 78449
Ion Ratio Lower Upper
184 100
63 50.9 54.2 81.2#
154 59.8 184.0 276.0#

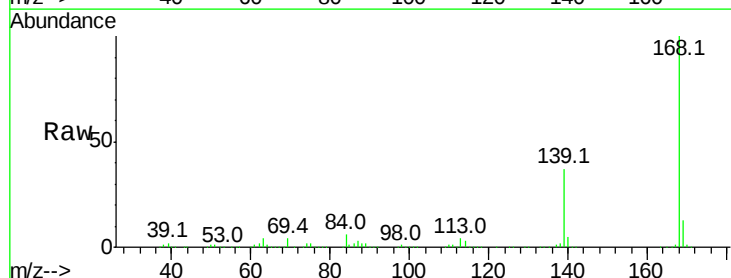


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

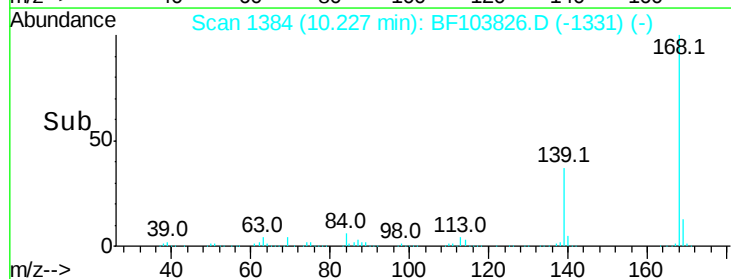
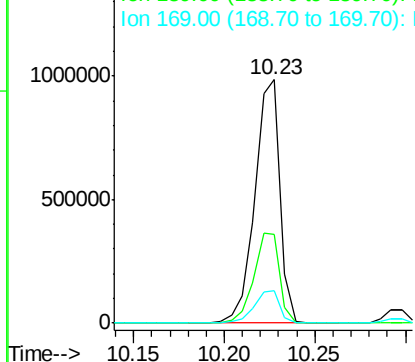


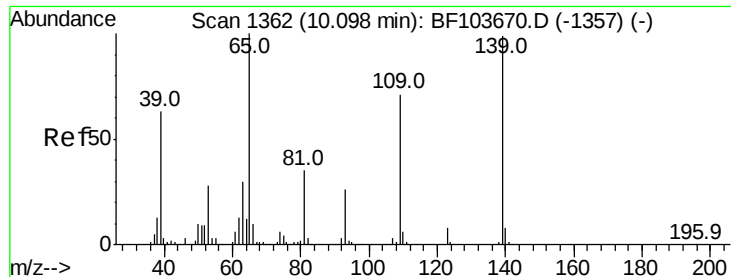
#54
Dibenzofuran
Concen: 39.979 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:168 Resp: 945402
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 13.2 10.9 16.3



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





#55

4-Nitrophenol

Concen: 83.499 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.03 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampled :

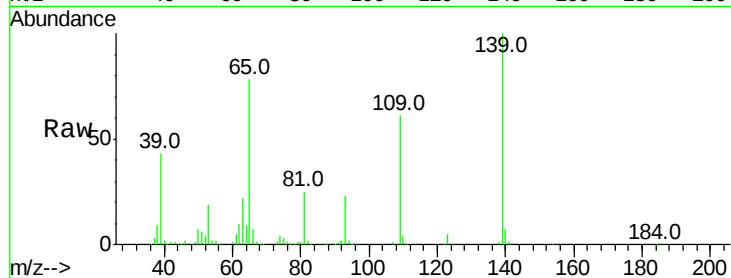
Tot Ion:139 Resp: 317556

Ion Ratio Lower Upper

139 100

109 61.1 48.4 88.4

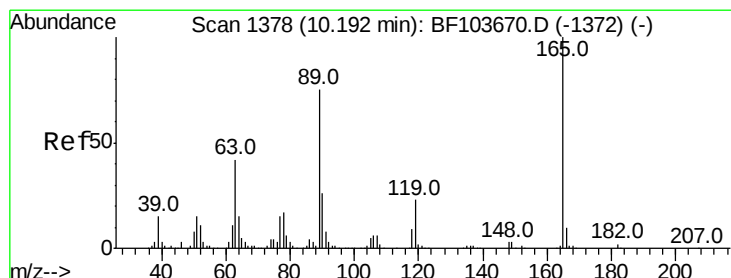
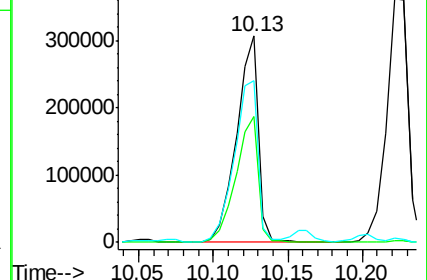
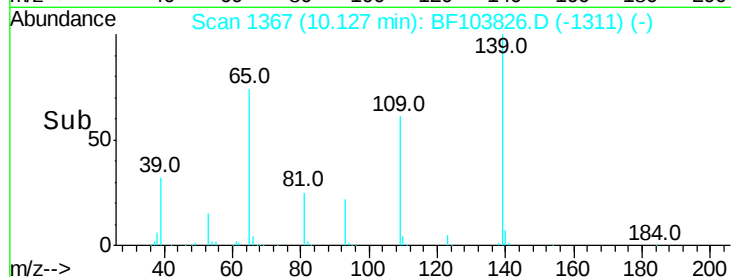
65 78.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 47.831 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion:165 Resp: 242698

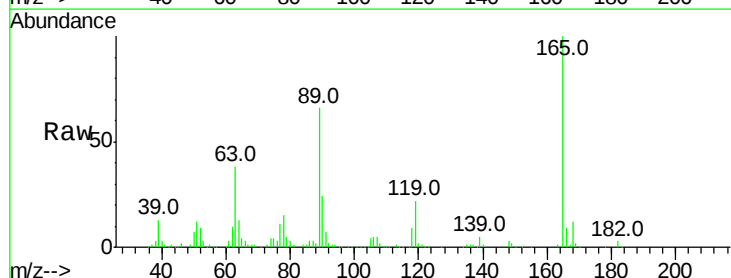
Ion Ratio Lower Upper

165 100

63 37.7 36.4 54.6

89 66.1 57.8 86.6

182 2.6 1.6 2.4#

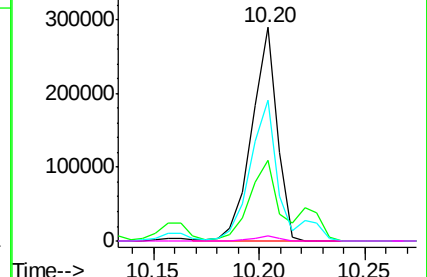
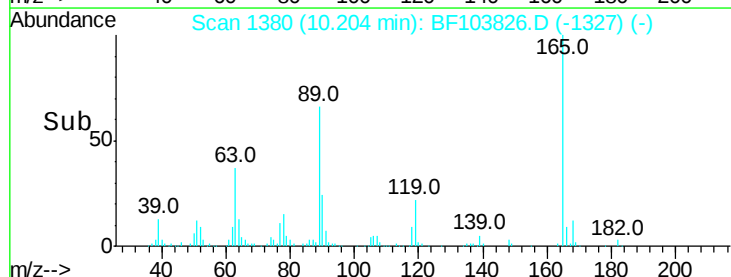


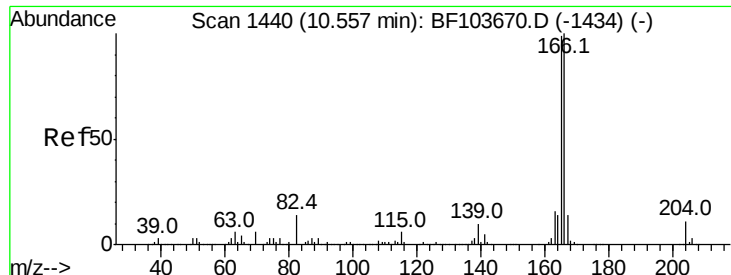
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.039 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampled :

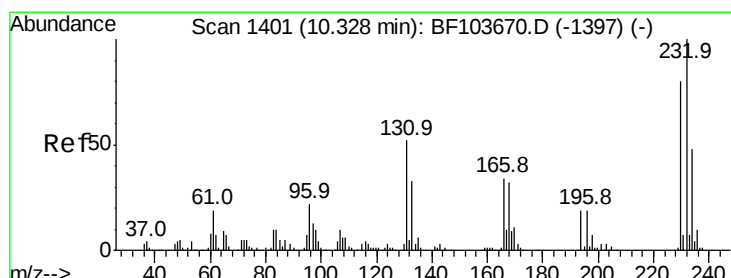
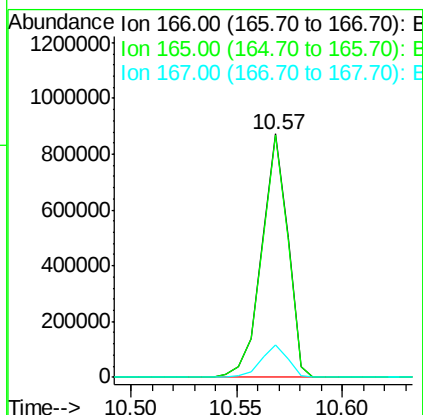
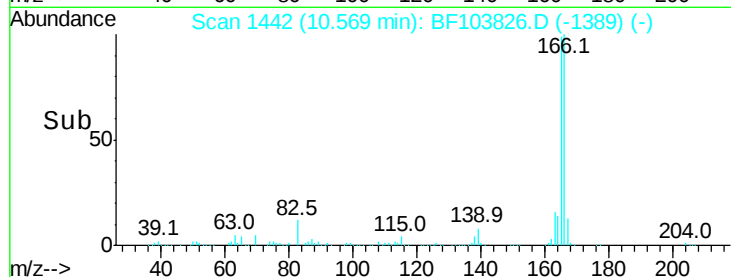
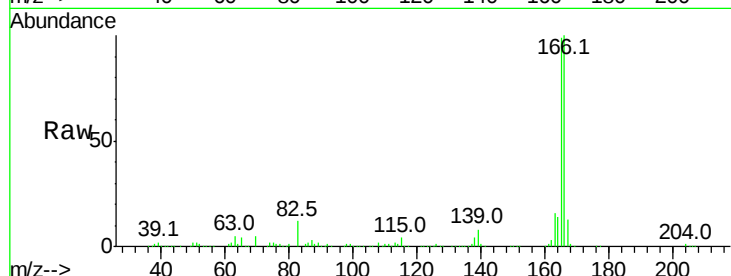
Tot Ion:166 Resp: 753066

Ion Ratio Lower Upper

166 100

165 99.4 79.8 119.8

167 13.4 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.038 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Tgt Ion:232 Resp: 190352

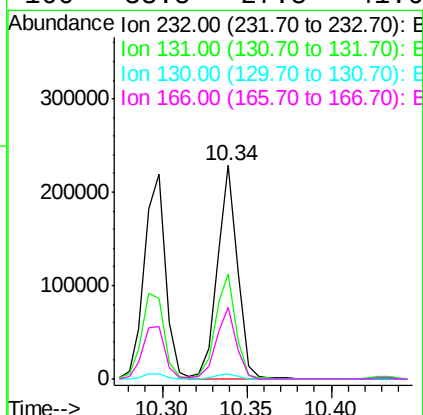
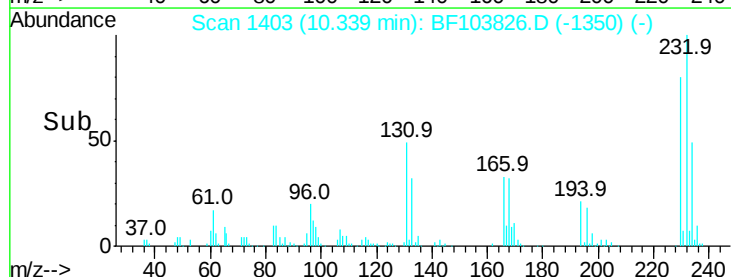
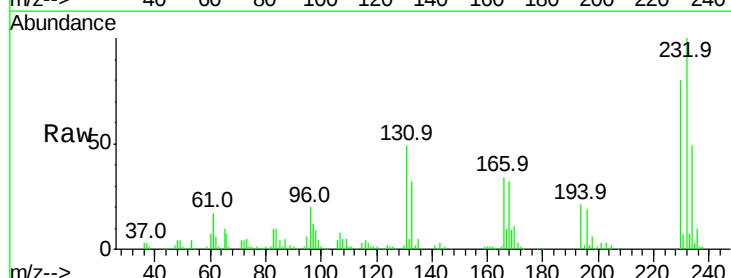
Ion Ratio Lower Upper

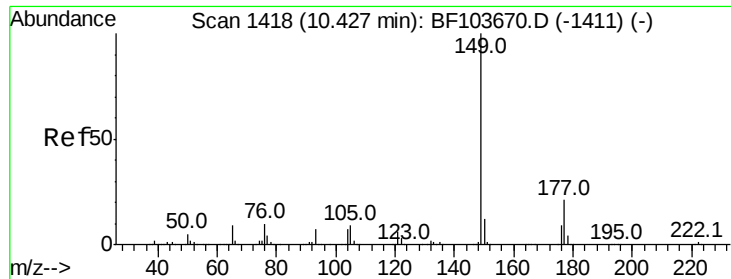
232 100

131 49.6 43.8 65.8

130 2.5 2.1 3.1

166 33.5 27.8 41.6

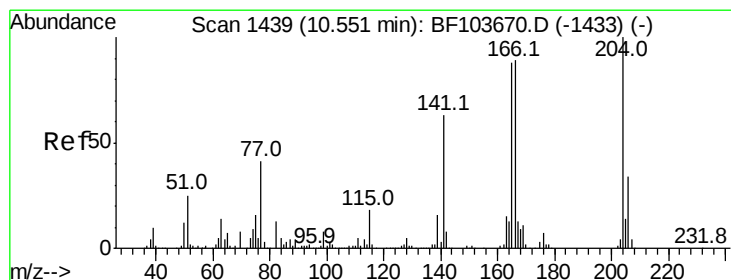
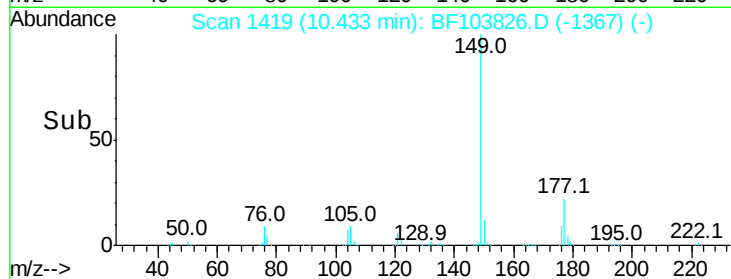
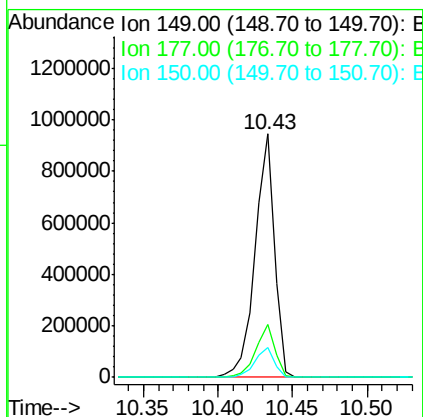
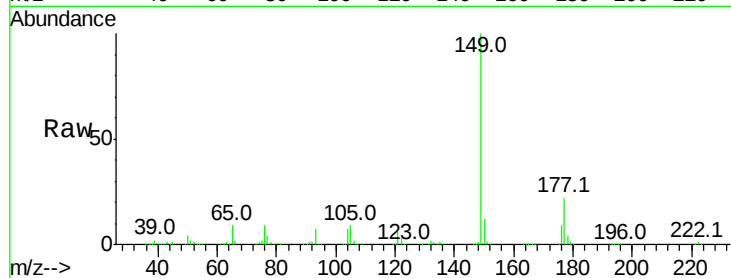




#59
Diethylphthalate
Concen: 40.841 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

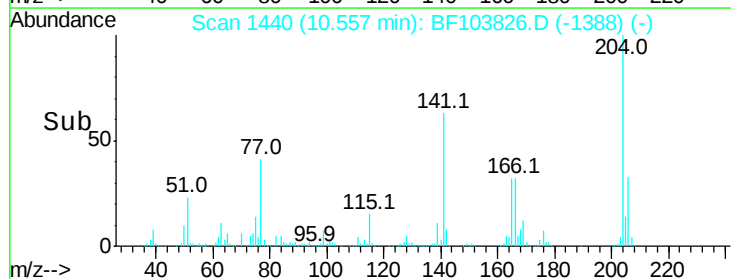
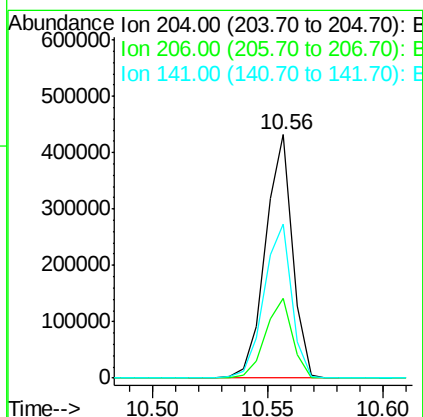
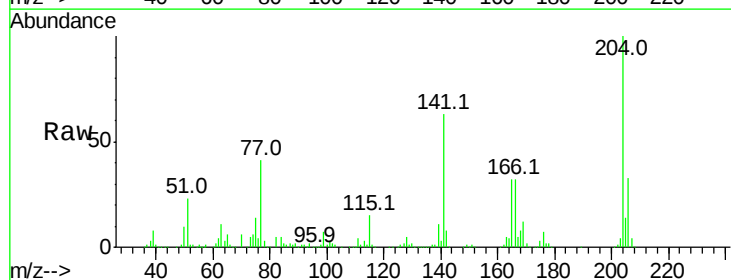
Instrument :
BNA_F
ClientSampleId :

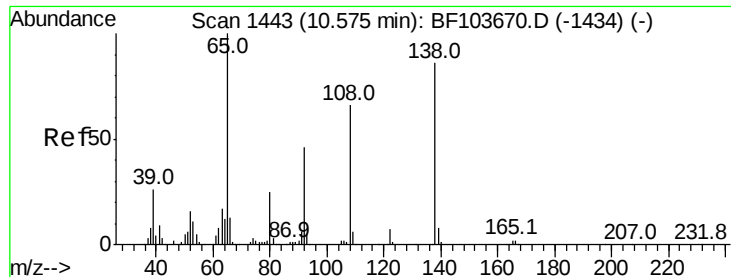
Tot Ion:149 Resp: 839700
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.919 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:204 Resp: 351539
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 63.1 54.6 81.8

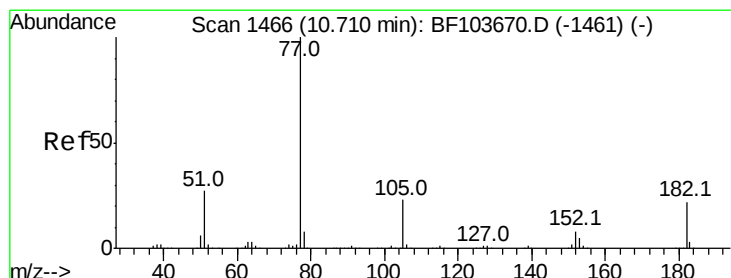
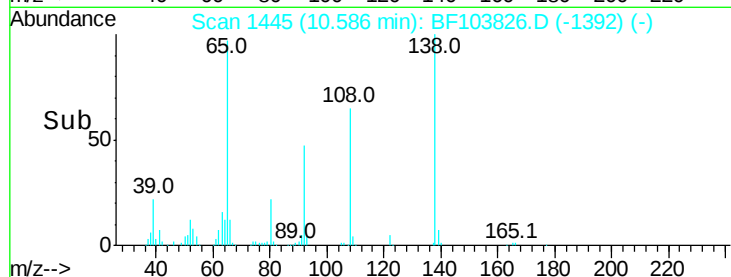
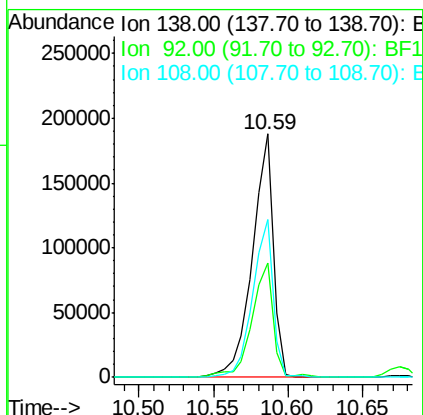
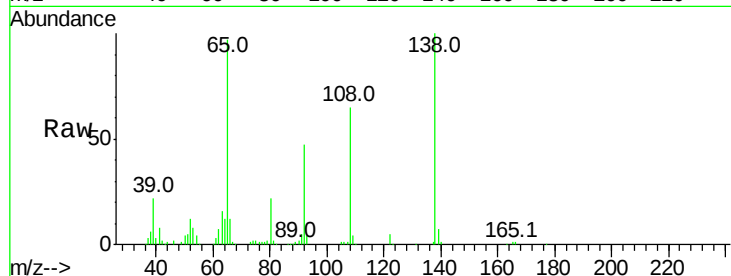




#61
4-Nitroaniline
Concen: 40.059 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

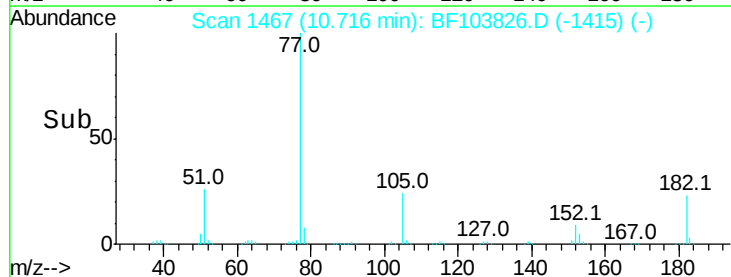
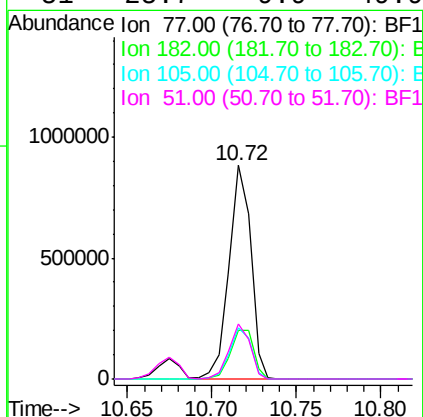
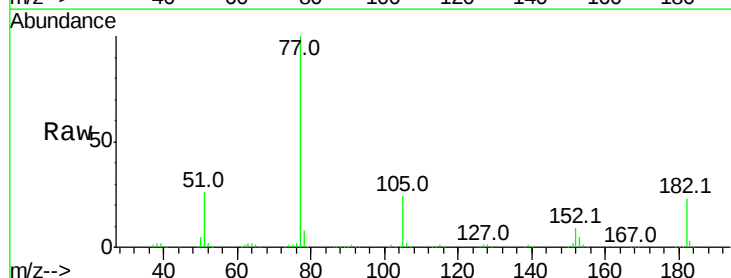
Instrument :
BNA_F
ClientSampled :

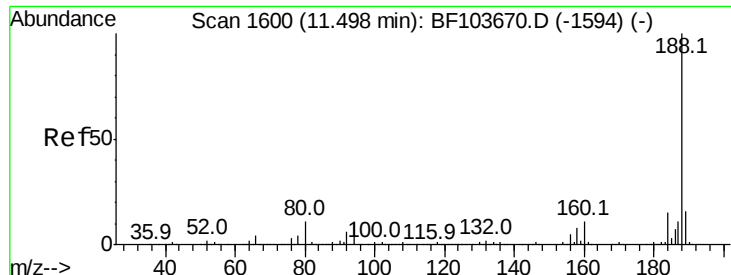
Tot Ion:138 Resp: 182055
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 65.0 52.5 92.5



#62
Azobenzene
Concen: 37.982 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion: 77 Resp: 793947
Ion Ratio Lower Upper
77 100
182 23.1 1.7 41.7
105 24.2 3.0 43.0
51 25.7 9.9 49.9

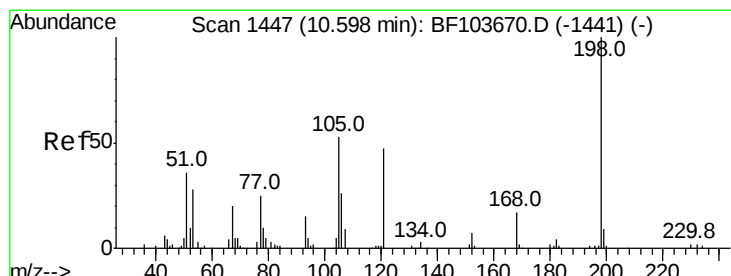
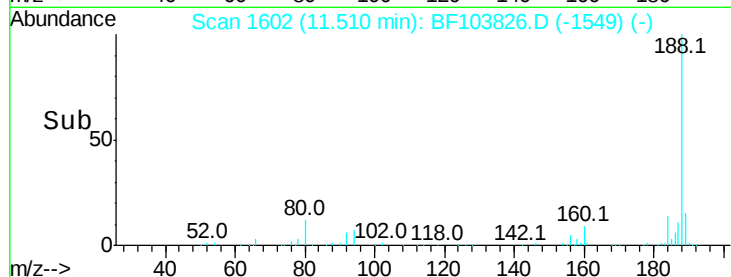
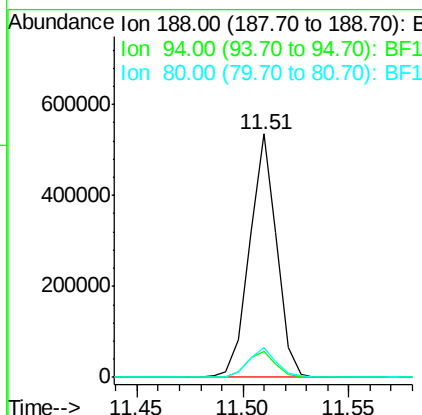
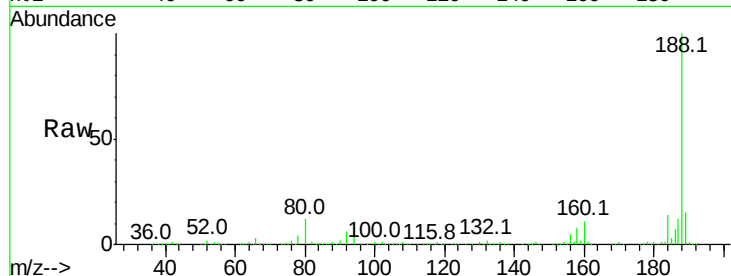




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

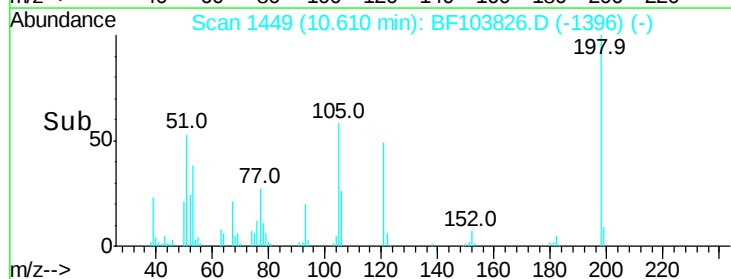
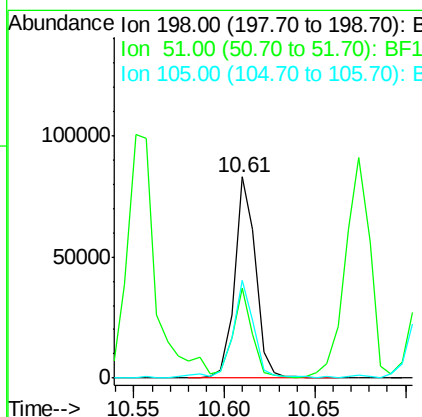
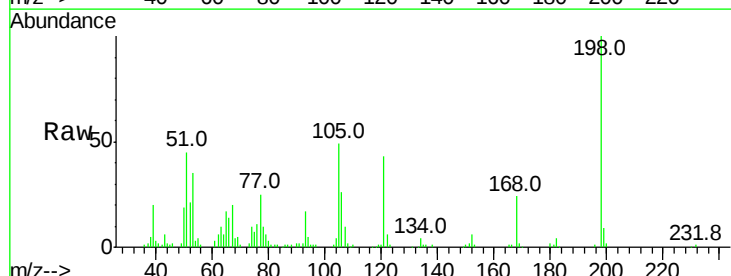
Instrument :
 BNA_F
 ClientSampleId :

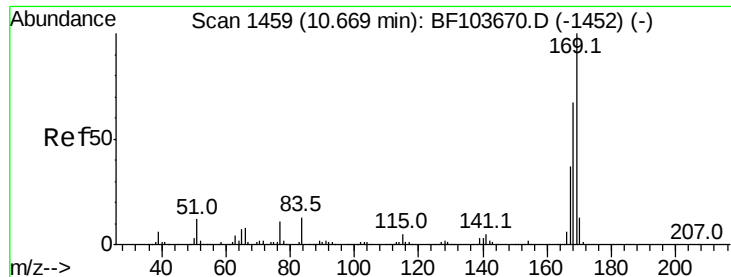
Tot Ion:188 Resp: 474465
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 12.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.243 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion:198 Resp: 66576
 Ion Ratio Lower Upper
 198 100
 51 45.1 37.7 77.7
 105 48.7 36.3 76.3

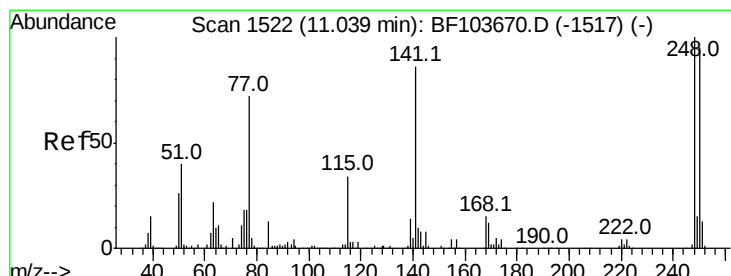
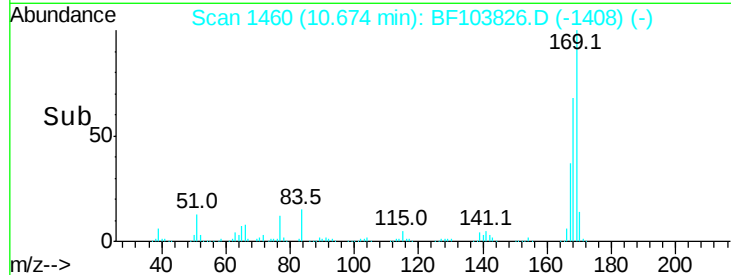
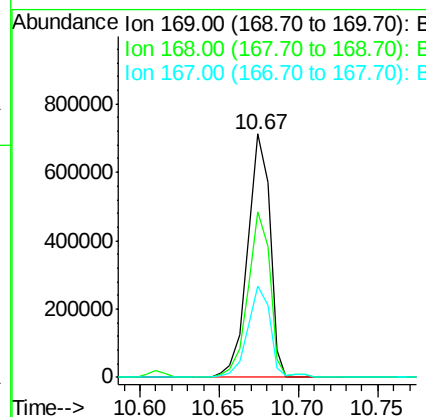
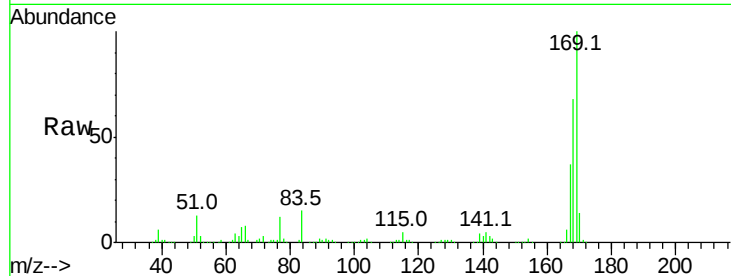




#65
 n-Nitrosodiphenylamine
 Concen: 42.822 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

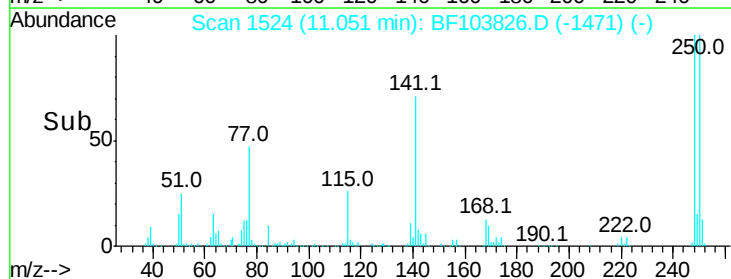
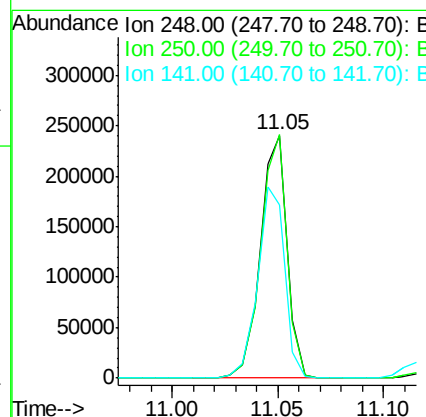
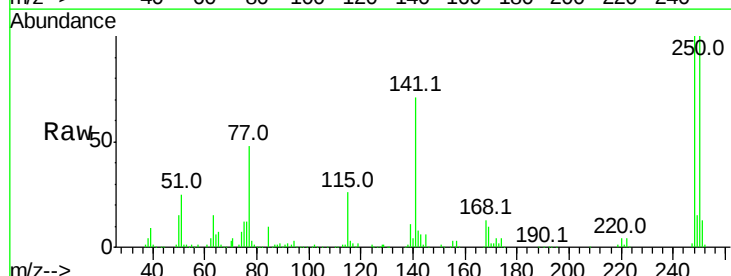
Instrument :
 BNA_F
 ClientSampleId :

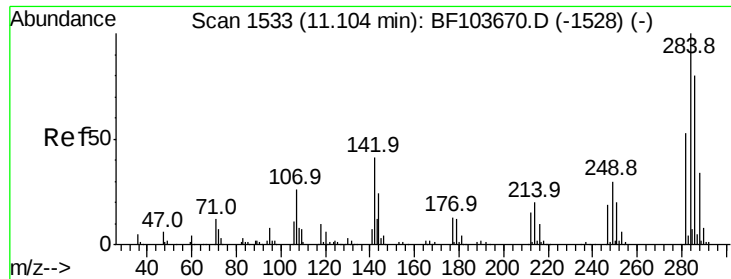
Tot Ion:169 Resp: 691568
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.609 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion:248 Resp: 212442
 Ion Ratio Lower Upper
 248 100
 250 100.3 76.9 115.3
 141 71.3 74.4 111.6#

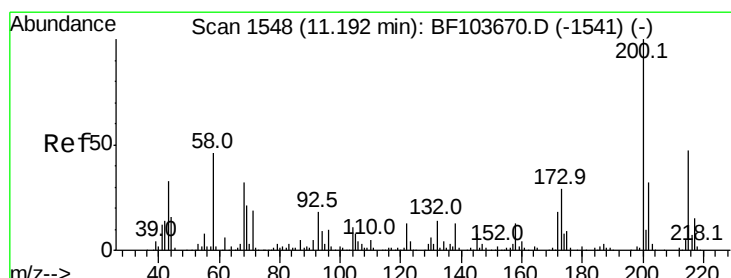
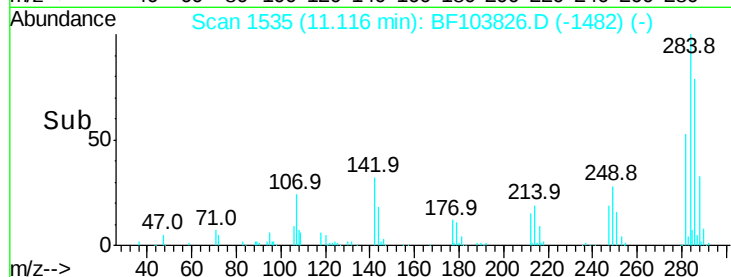
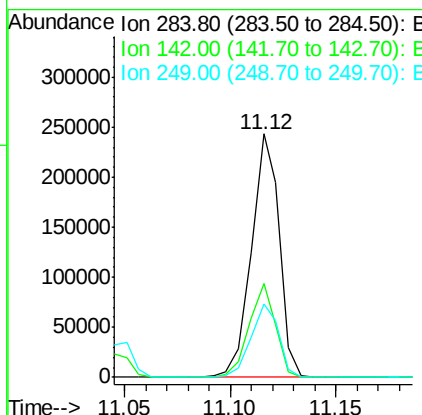
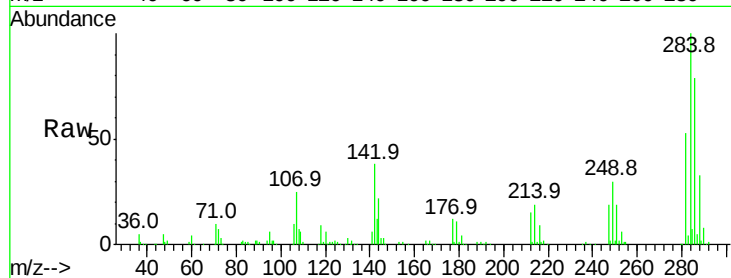




#67
Hexachlorobenzene
Concen: 39.967 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

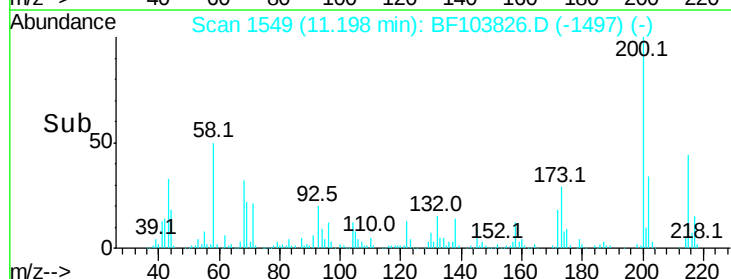
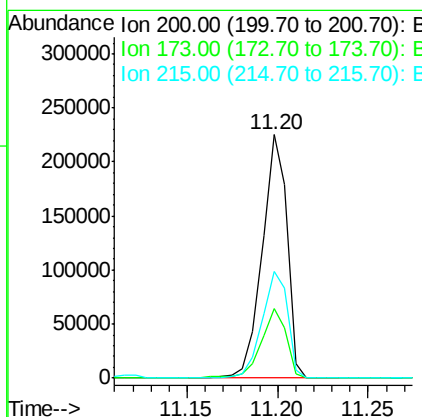
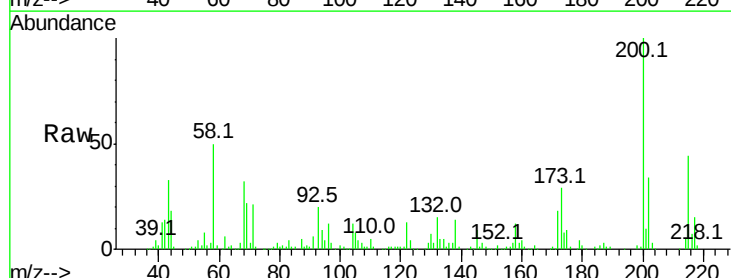
Instrument :
BNA_F
ClientSampleId :

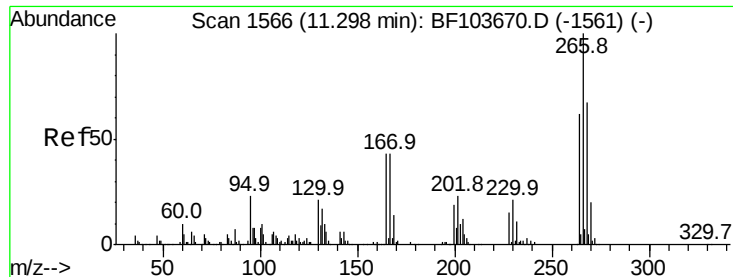
Tot Ion:284 Resp: 222220
Ion Ratio Lower Upper
284 100
142 38.3 34.6 52.0
249 30.1 24.8 37.2



#68
Atrazine
Concen: 43.023 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:200 Resp: 214938
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 43.7 25.1 65.1

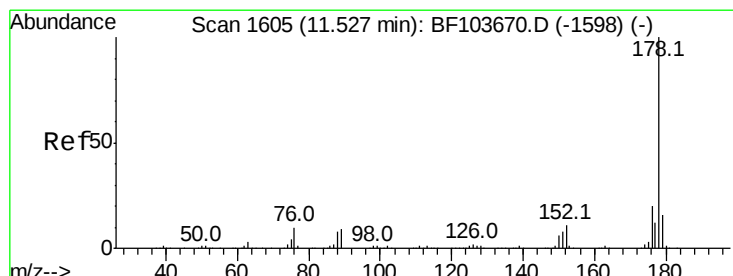
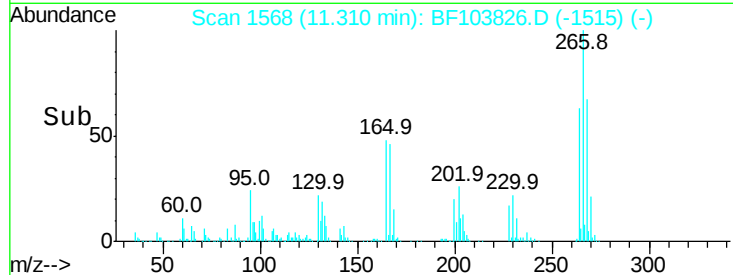
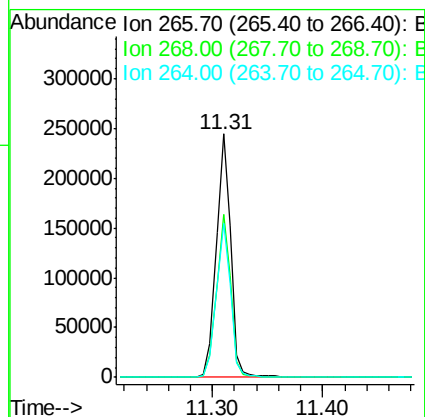
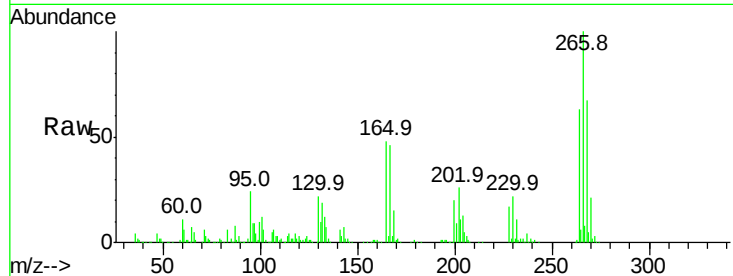




#69
 Pentachlorophenol
 Concen: 68.528 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

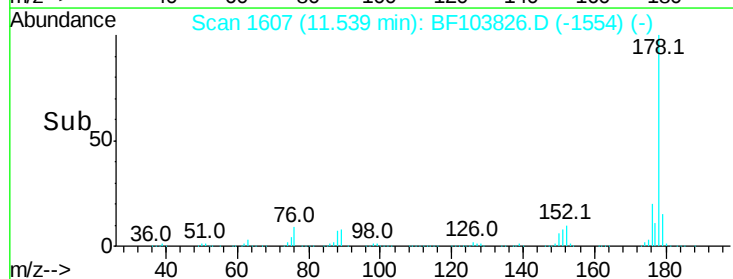
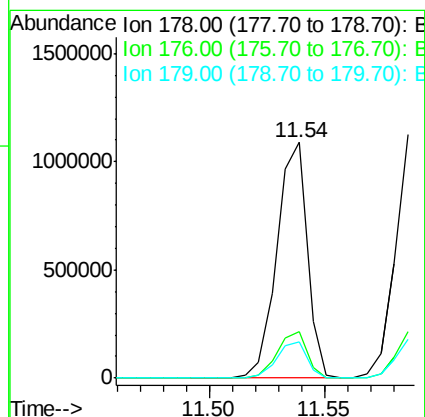
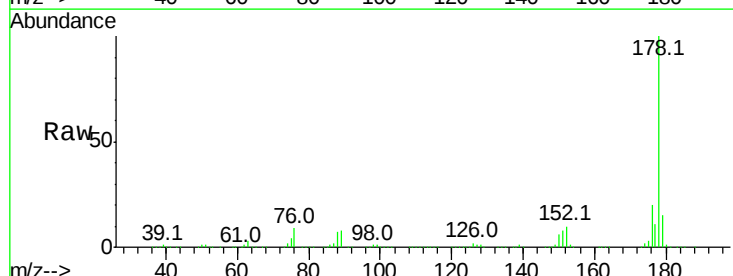
Instrument :
 BNA_F
 ClientSampleId :

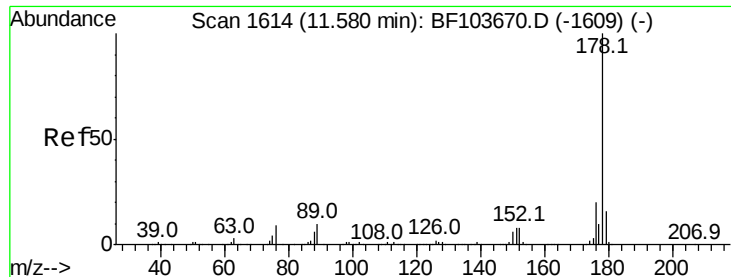
Tot Ion:266 Resp: 219052
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.1 76.7
 264 63.0 49.5 74.3



#70
 Phenanthrene
 Concen: 38.319 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion:178 Resp: 994555
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.3 13.0 19.6

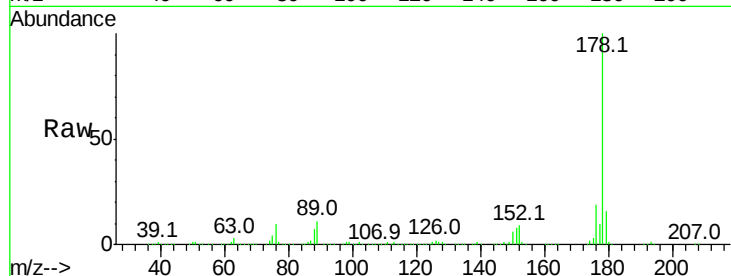




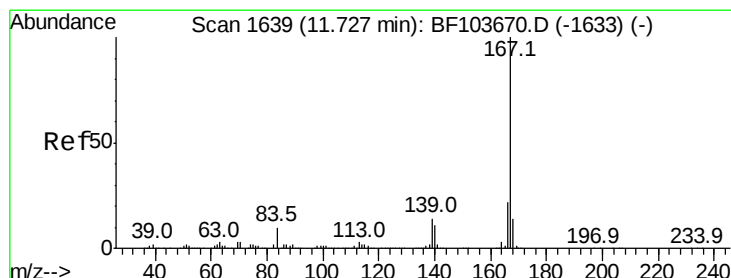
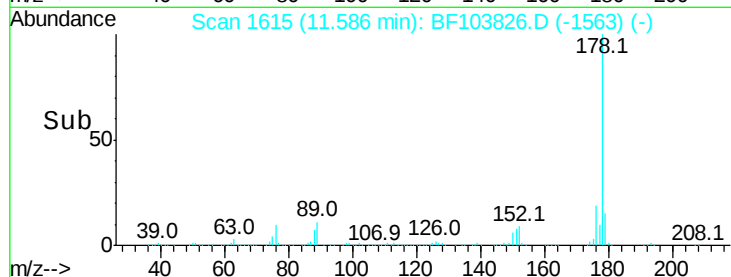
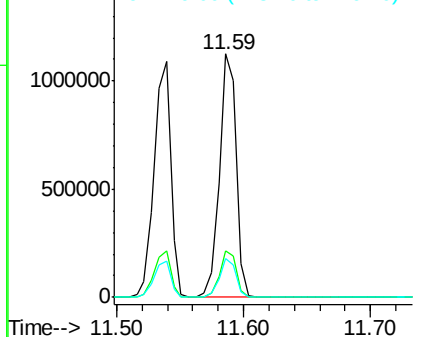
#71
 Anthracene
 Concen: 39.620 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1044409
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.7 12.6 19.0

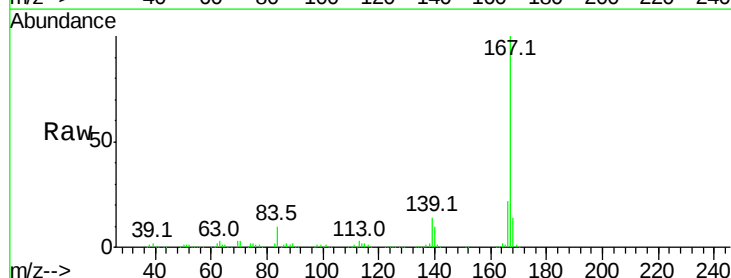


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

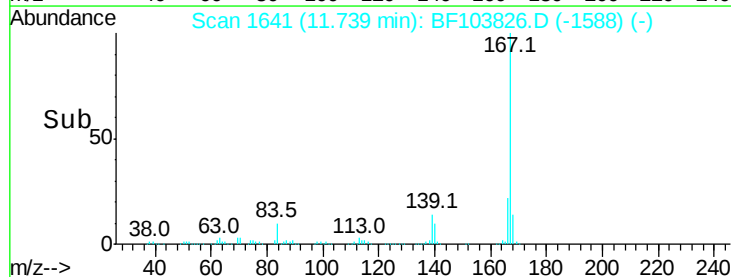
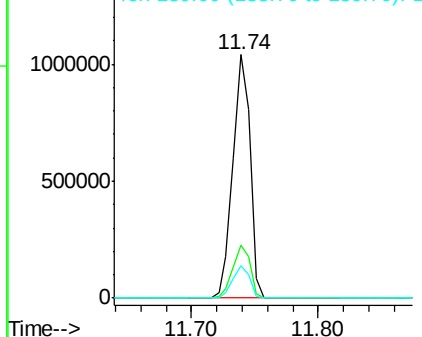


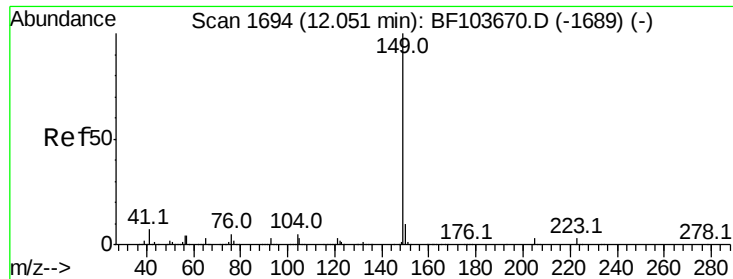
#72
 Carbazole
 Concen: 37.805 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion:167 Resp: 968616
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 13.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

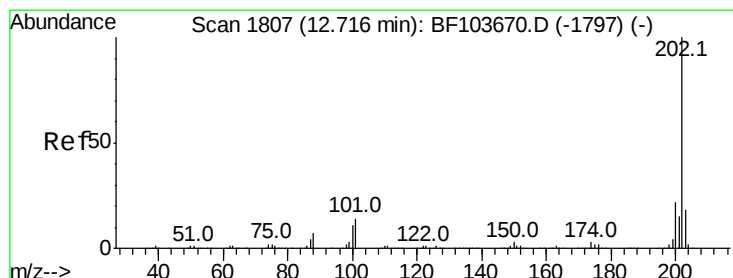
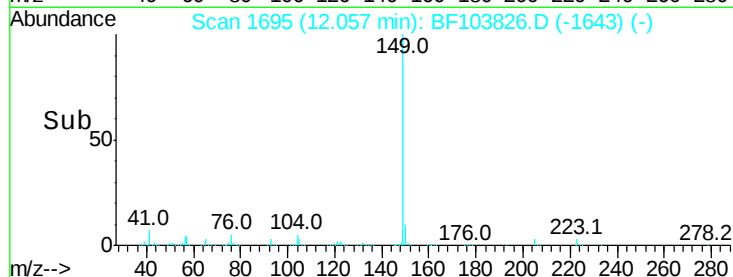
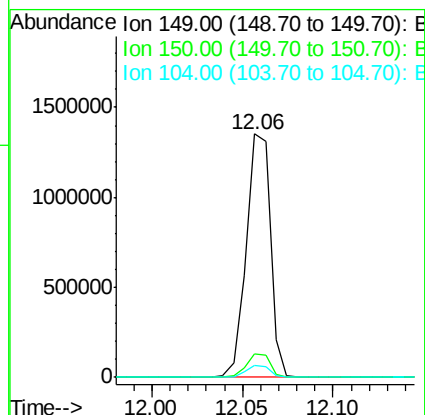
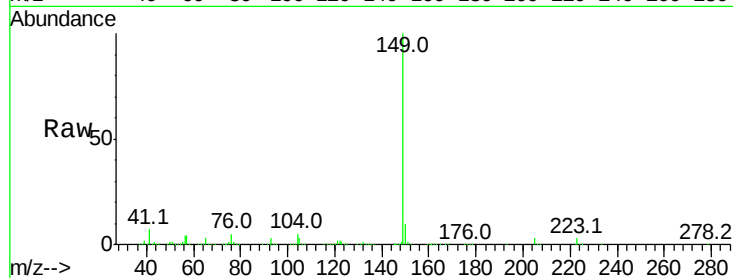




#73
Di-n-butylphthalate
Concen: 40.632 ng
RT: 12.06 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

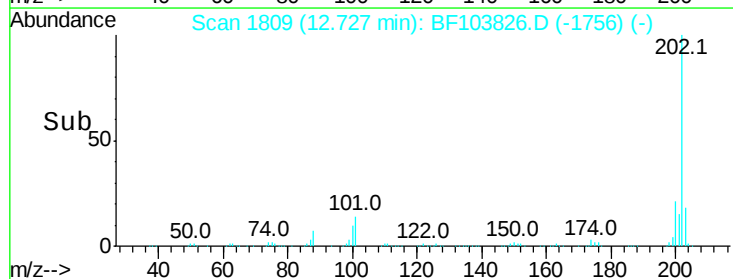
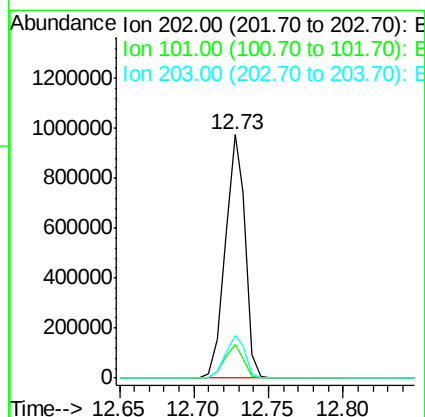
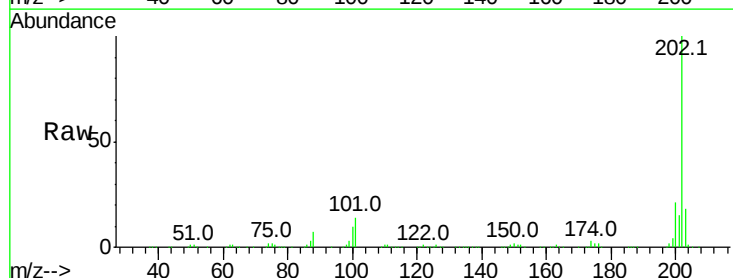
Instrument :
BNA_F
ClientSampleId :

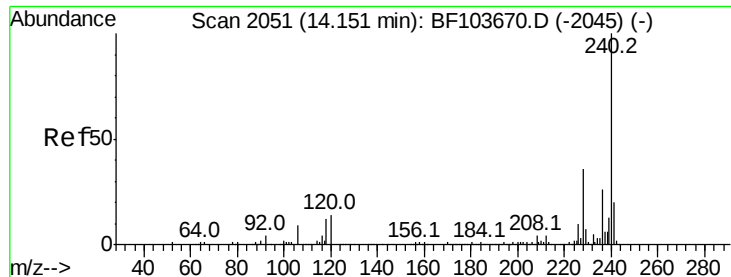
Tot Ion:149 Resp: 1249144
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 33.966 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:202 Resp: 908202
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.02 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

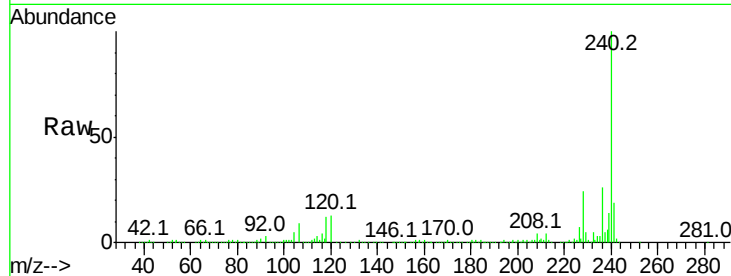
Tot Ion:240 Resp: 305171

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

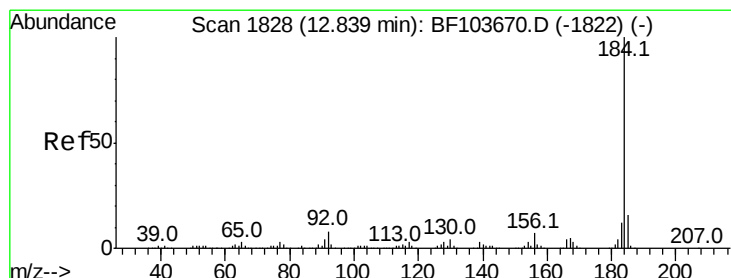
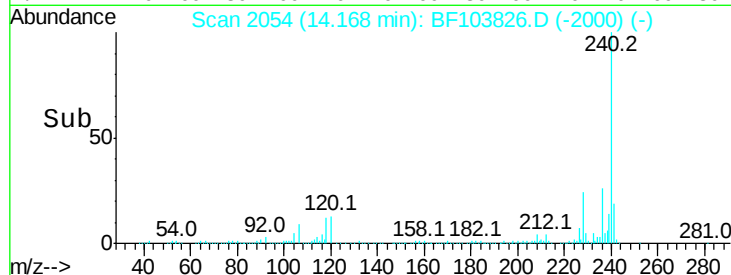
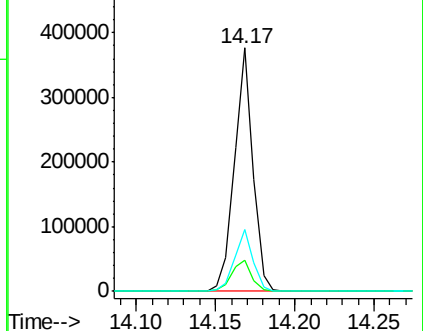
236 25.6 20.7 31.1



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: 35.520 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

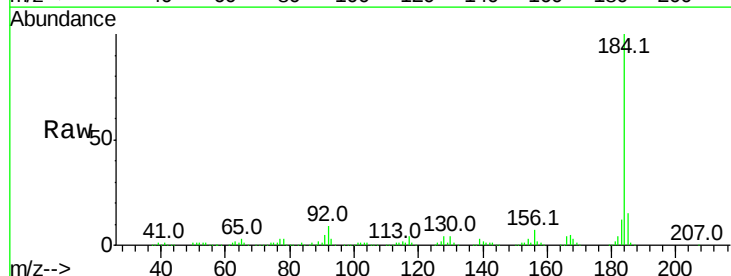
Tgt Ion:184 Resp: 462316

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

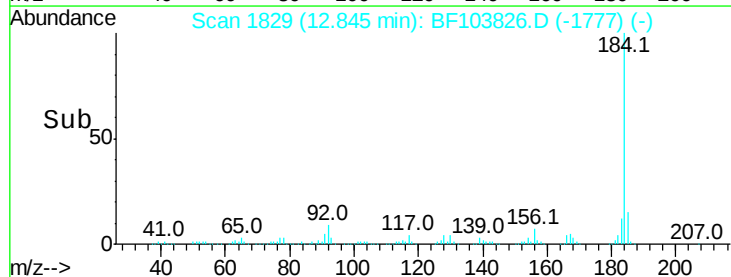
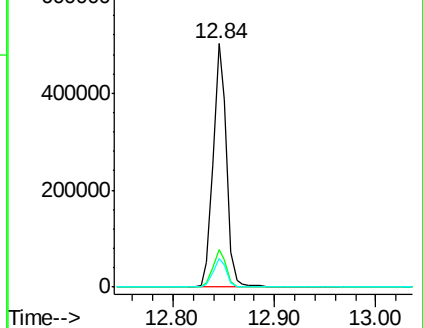
183 11.8 9.3 13.9

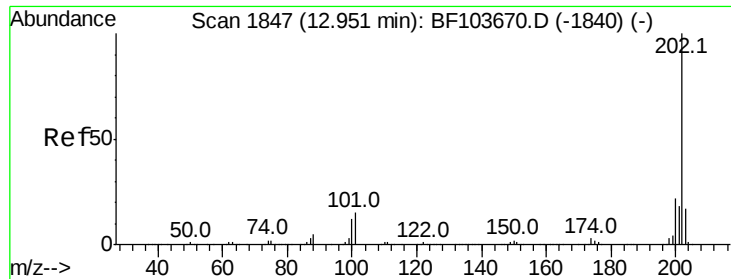


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

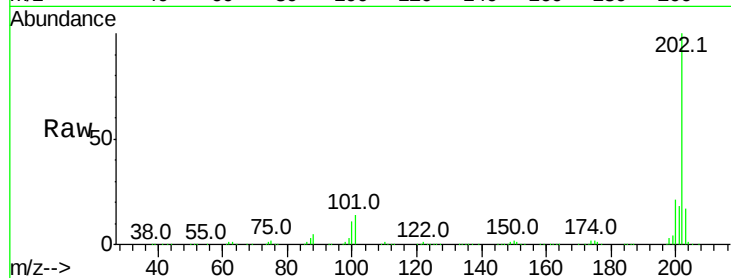




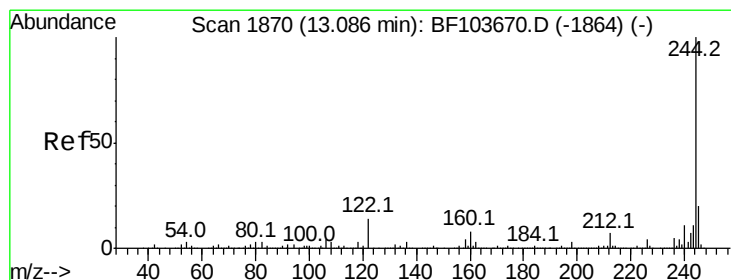
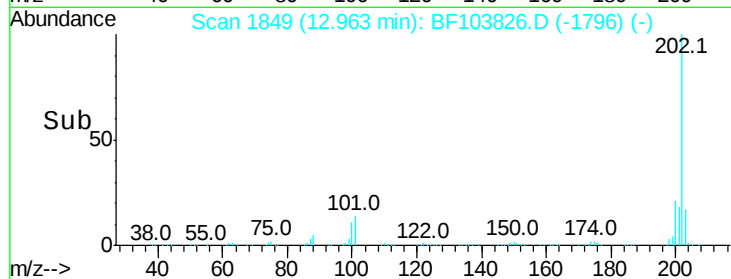
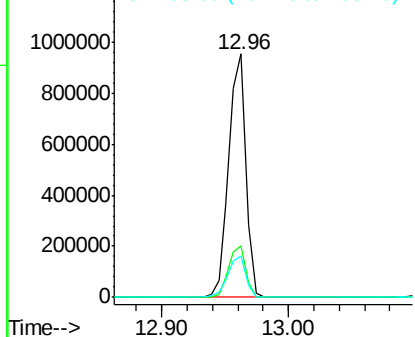
#77
Pvrene
Concen: 39.683 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 889356
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.0 14.3 21.5

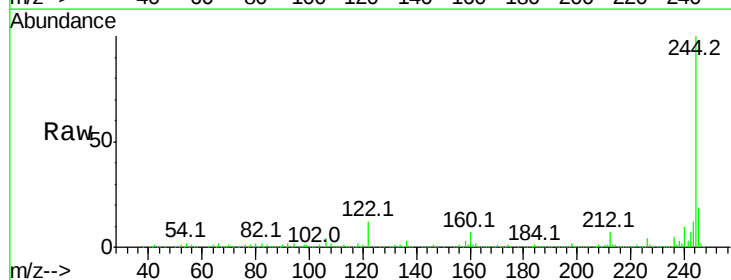


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

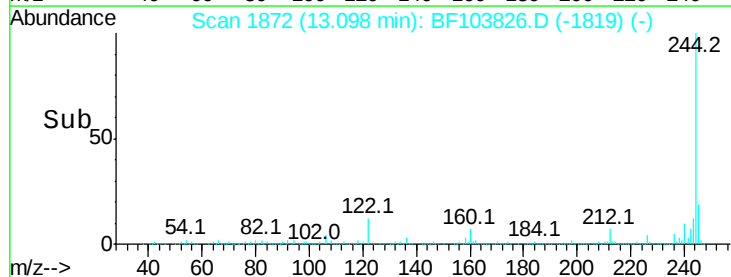
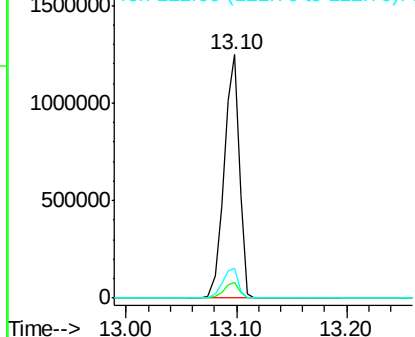


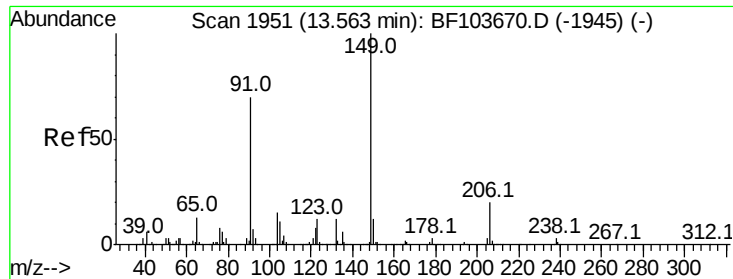
#78
Terphenyl-d14
Concen: 91.520 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:244 Resp: 1203259
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 12.4 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

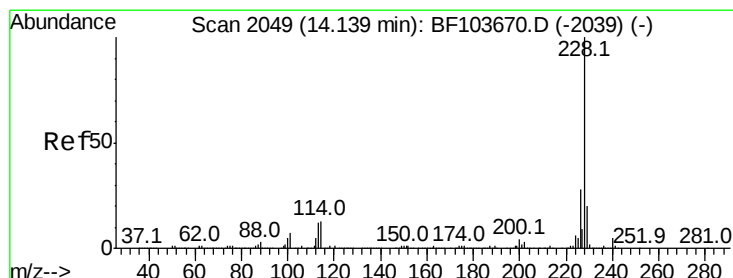
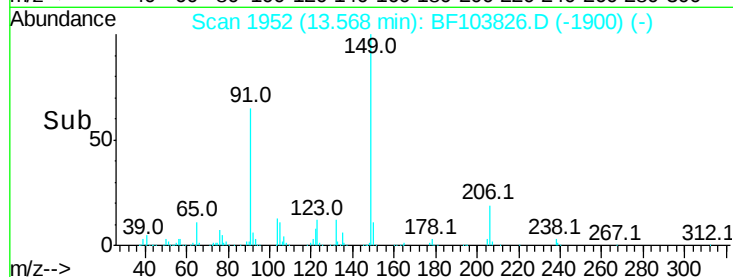
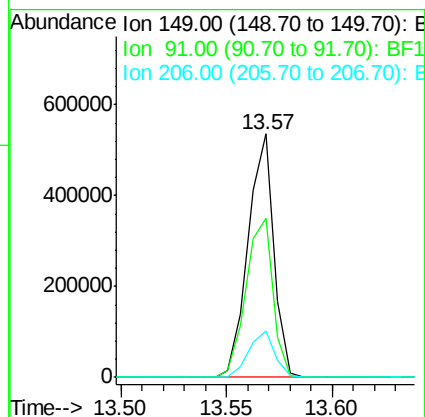
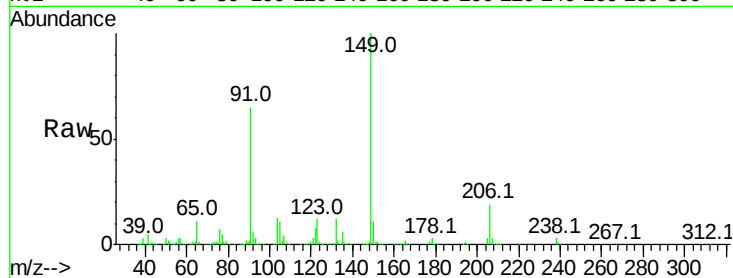




#79
Butylbenzylphthalate
Concen: 45.509 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

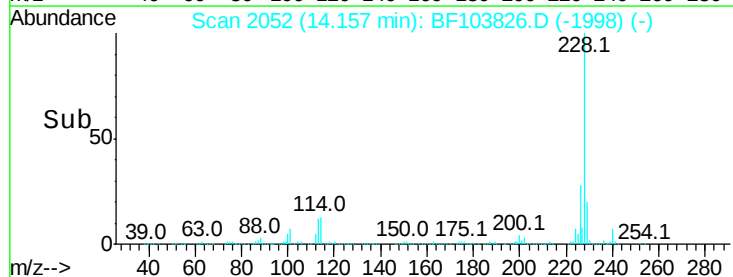
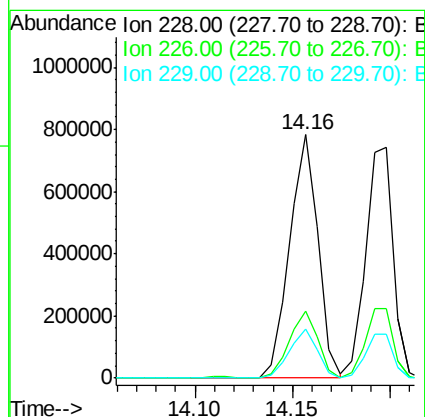
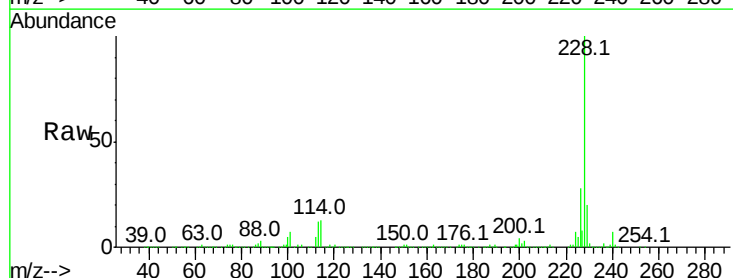
Instrument :
BNA_F
ClientSampleId :

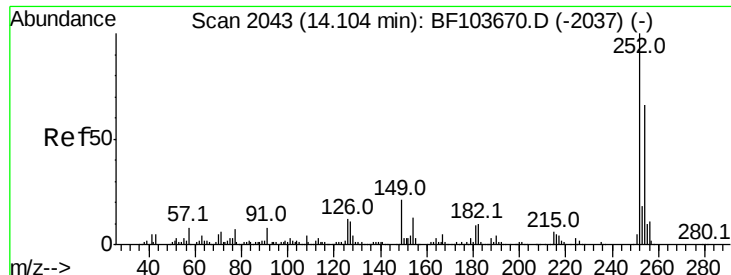
Tot Ion:149 Resp: 451881
Ion Ratio Lower Upper
149 100
91 65.2 56.8 85.2
206 19.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.621 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.02 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:228 Resp: 784679
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.9 15.8 23.6

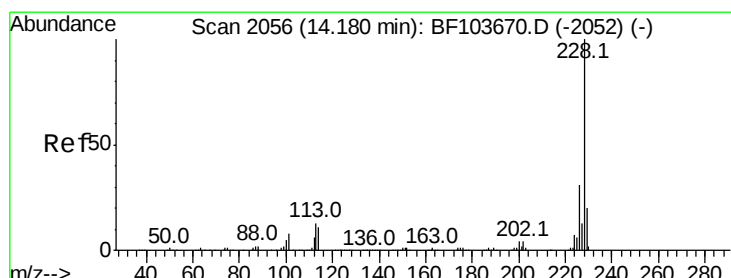
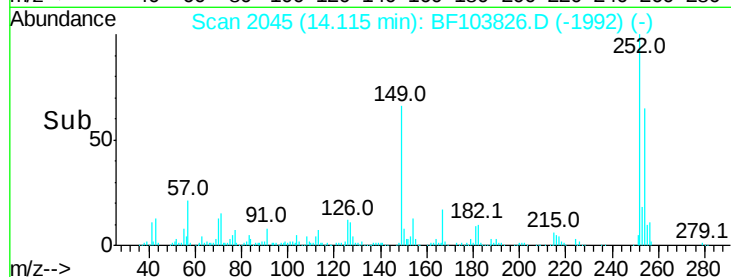
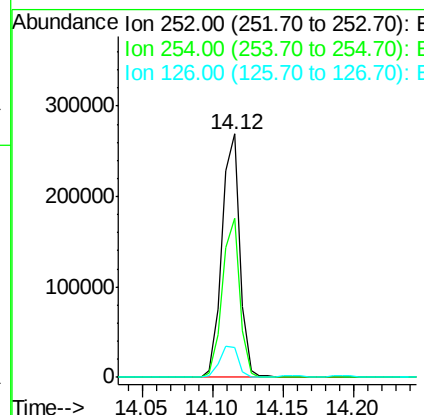
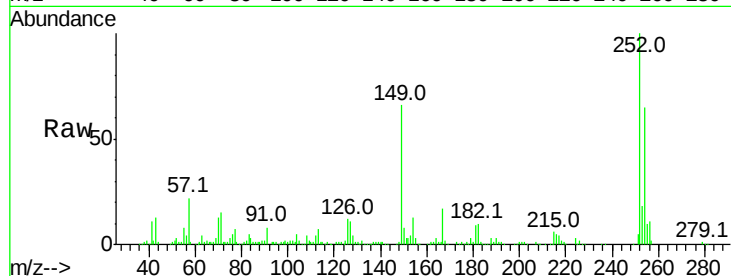




#81
 3,3'-Dichlorobenzidine
 Concen: 36.733 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

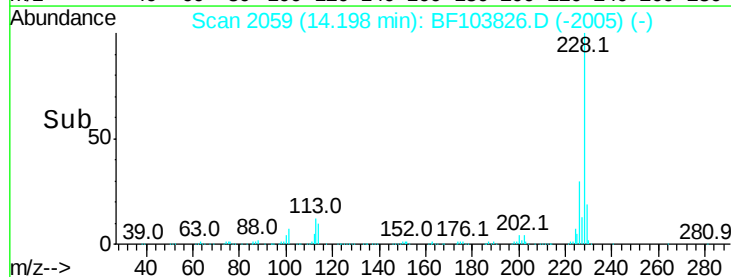
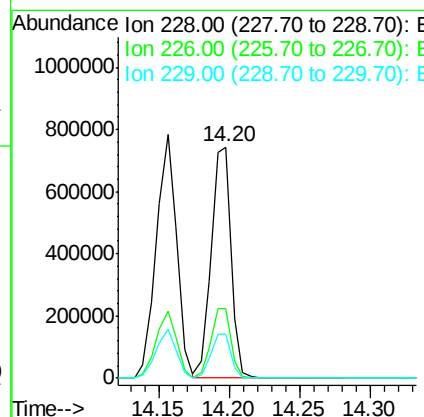
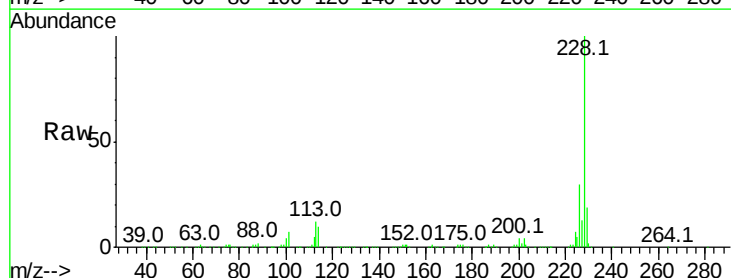
Instrument :
 BNA_F
 ClientSampleId :

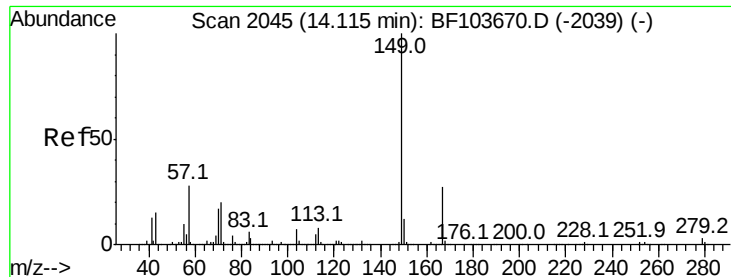
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	12.1	11.3	16.9



#82
 Chrysene
 Concen: 39.323 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. 0.02 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.2	16.2	24.4

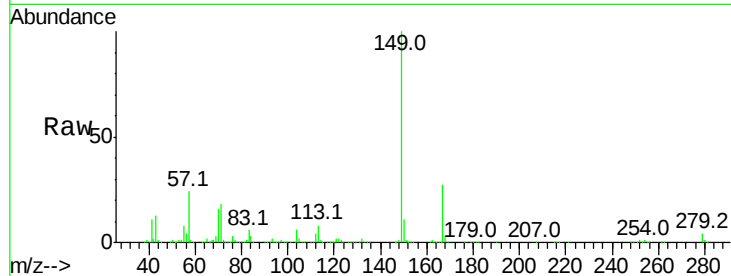




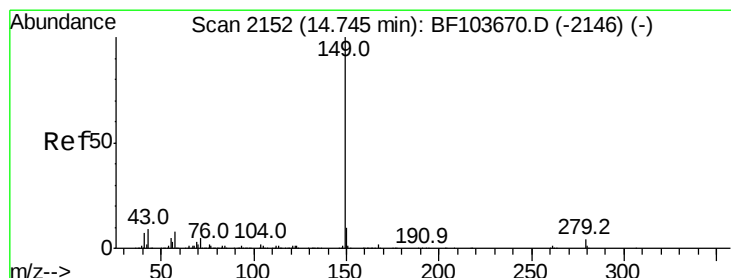
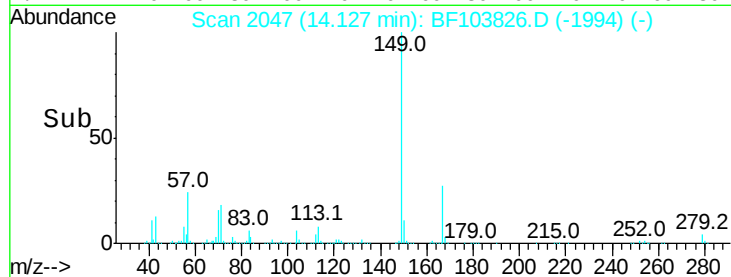
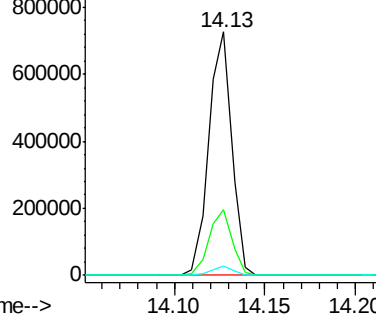
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.232 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 641622
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 3.8 3.0 4.4

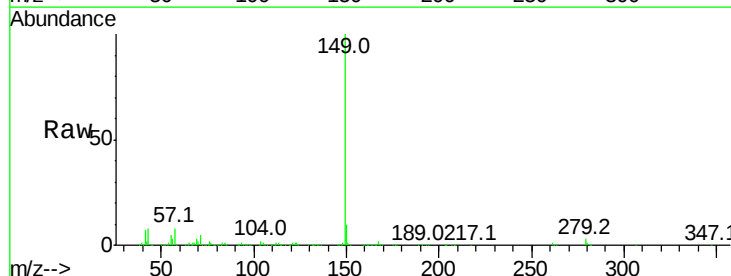


Abundance Ion 149.00 (148.70 to 149.70): E
 1000000 Ion 167.00 (166.70 to 167.70): E
 800000 Ion 279.00 (278.70 to 279.70): E

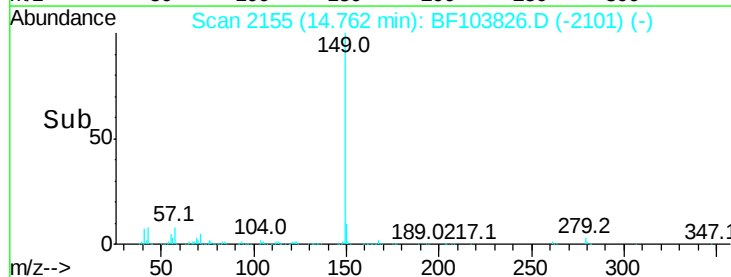
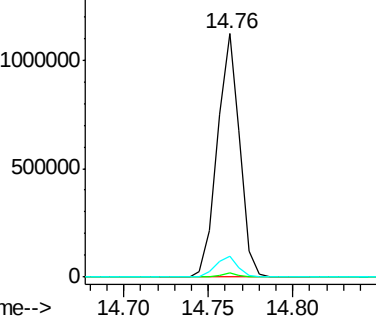


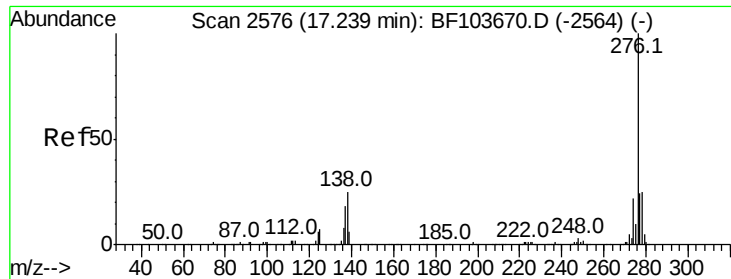
#84
 Di-n-octyl phthalate
 Concen: 49.949 ng
 RT: 14.76 min Scan# 2155
 Delta R.T. 0.02 min
 Lab File: BF103826.D
 Acq: 21 Mar 2018 2:58

Tgt Ion:149 Resp: 1030791
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 1000000 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.911 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.06 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

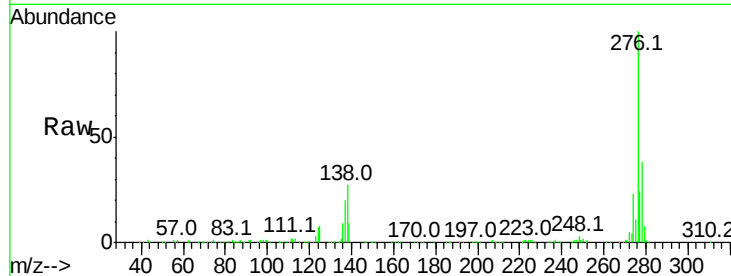
Tot Ion:276 Resp: 657886

Ion Ratio Lower Upper

276 100

138 29.5 25.0 37.6

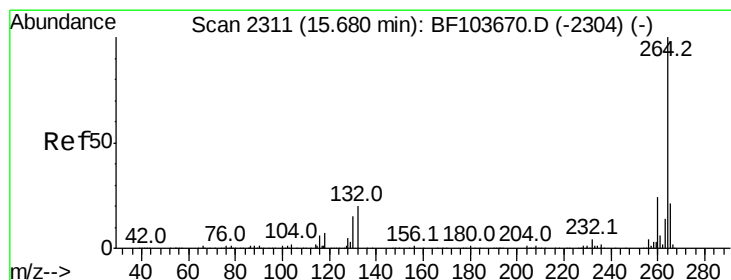
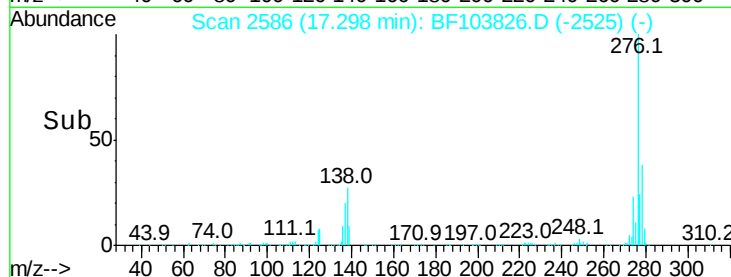
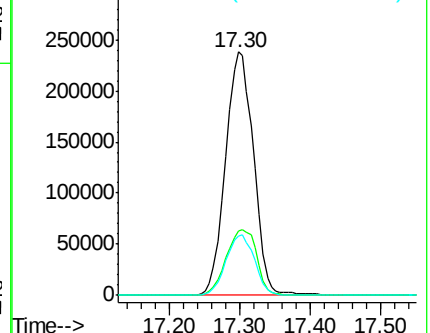
277 25.3 20.1 30.1



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: 15.72 min Scan# 2317

Delta R.T. 0.04 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

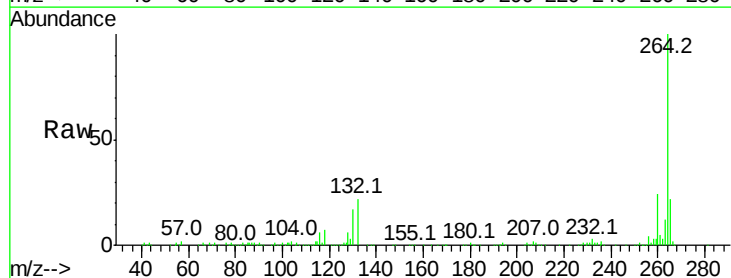
Tgt Ion:264 Resp: 288505

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

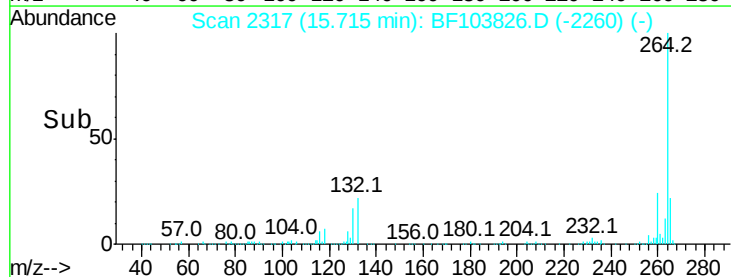
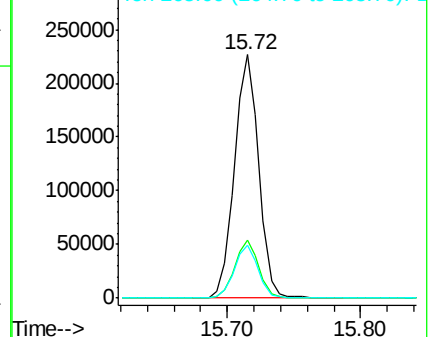
265 21.8 17.5 26.3

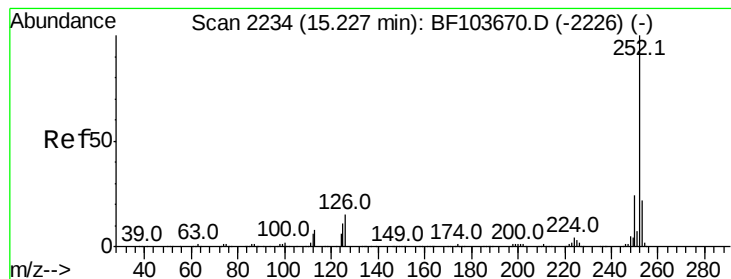


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.965 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.03 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

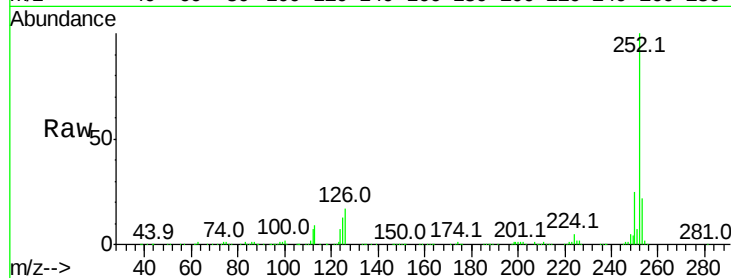
Tot Ion:252 Resp: 728445

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

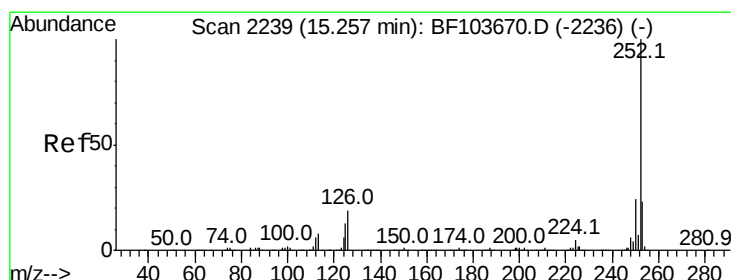
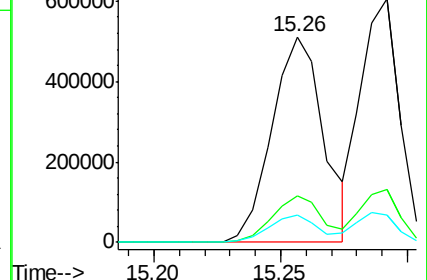
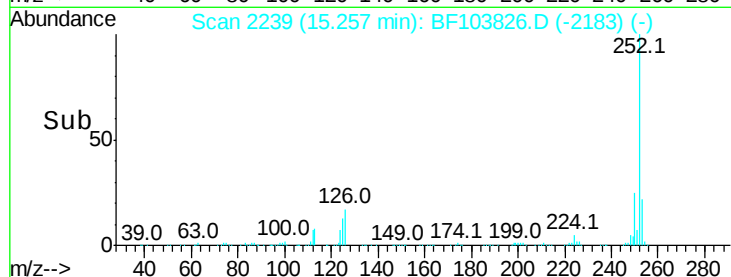
125 13.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.177 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.04 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

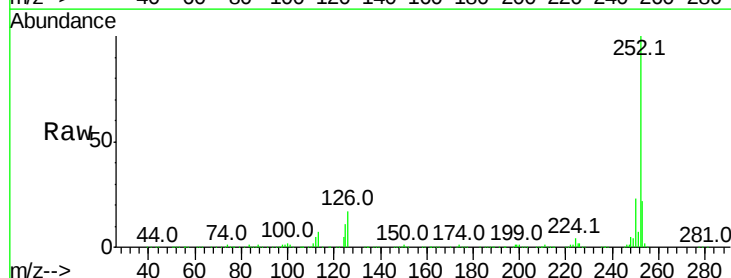
Tgt Ion:252 Resp: 651385

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

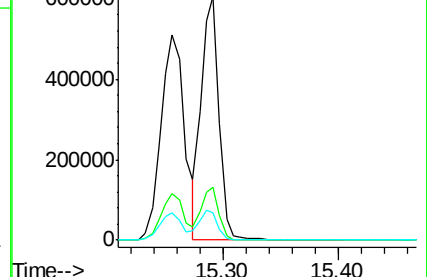
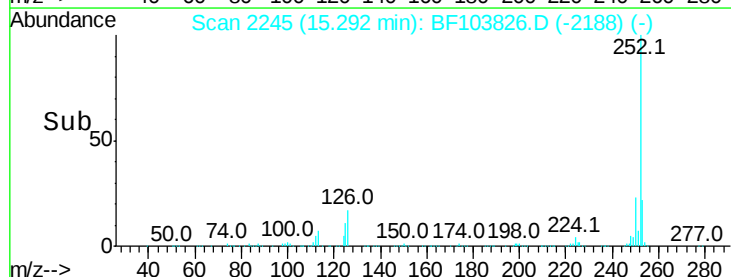
125 11.3 10.2 15.2

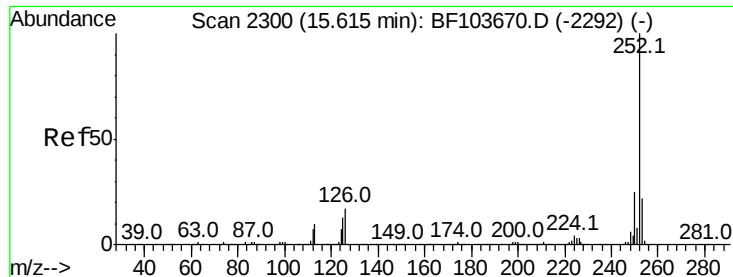


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

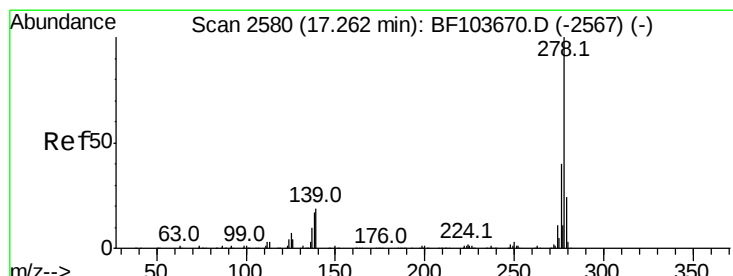
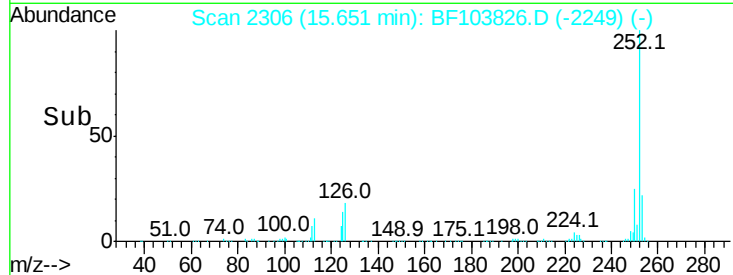
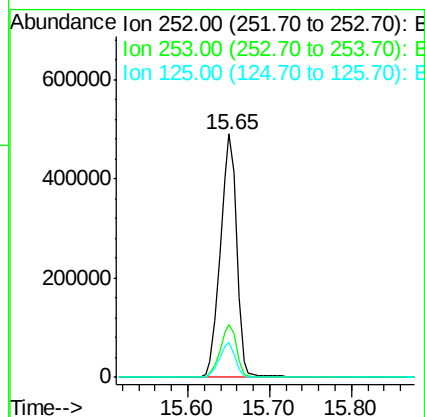
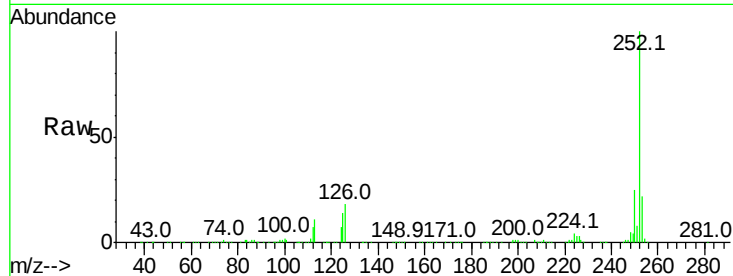




#89
Benzo(a)pyrene
Concen: 41.386 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.04 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

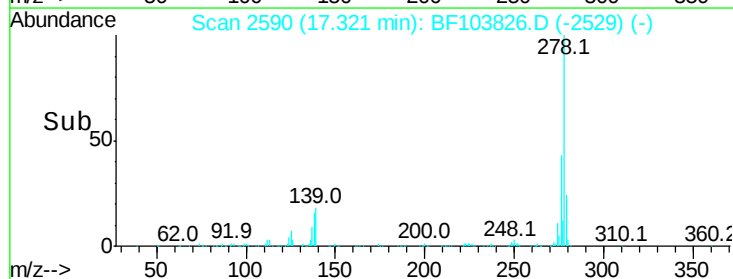
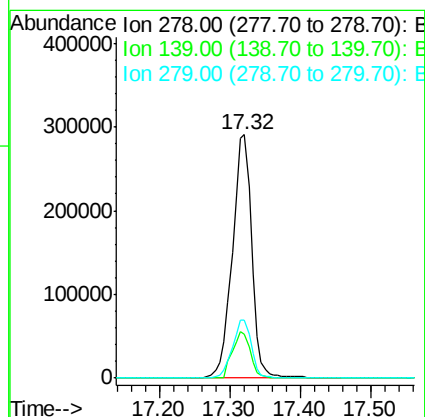
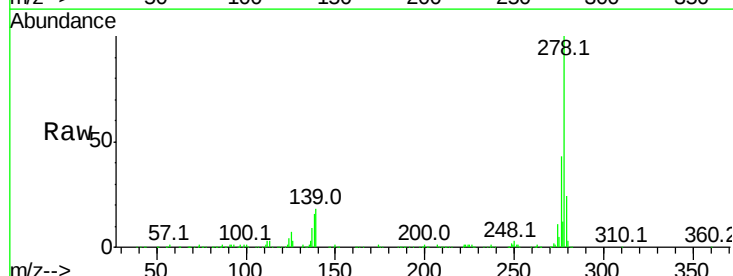
Instrument :
BNA_F
ClientSampleId :

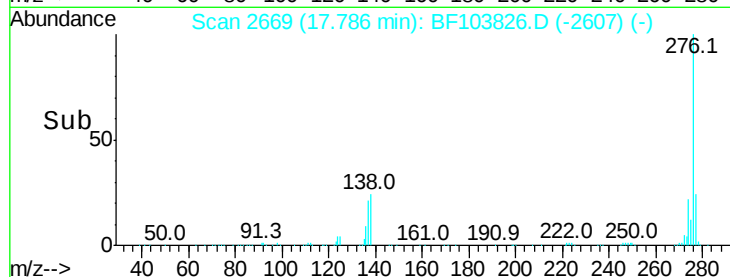
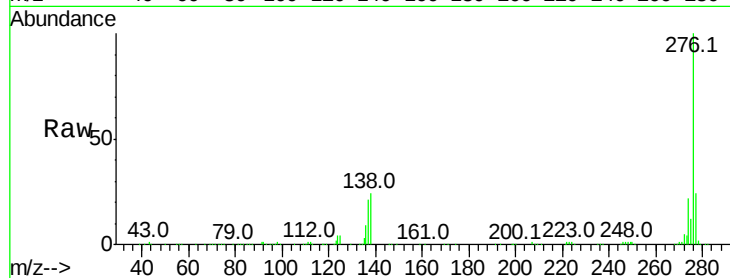
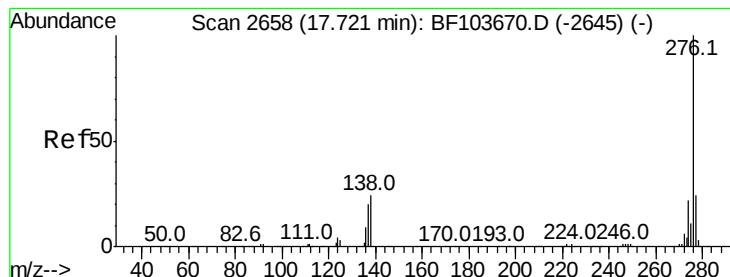
Tot Ion:252 Resp: 684201
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.898 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.06 min
Lab File: BF103826.D
Acq: 21 Mar 2018 2:58

Tgt Ion:278 Resp: 556825
Ion Ratio Lower Upper
278 100
139 18.1 15.9 23.9
279 23.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.326 ng

RT: 17.79 min Scan# 2669

Delta R.T. 0.06 min

Lab File: BF103826.D

Acq: 21 Mar 2018 2:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 533746

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 24.1 21.8 32.8

