

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103760.D
 Acq On : 19 Mar 2018 17:22
 Operator : JU/SJ
 Sample : PB107477BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 00:54:49 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	160300	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	657361	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	308869	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	569801	20.00	ng	0.01
75) Chrysene-d12	14.16	240	441046	20.00	ng	0.01
86) Perylene-d12	15.70	264	366384	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1191891	113.09	ng	0.02
7) Phenol-d6	6.60	99	1485933	115.24	ng	0.01
23) Nitrobenzene-d5	7.54	82	932841	98.96	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	367640	138.44	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1589536	82.09	ng	0.00
78) Terphenyl-d14	13.10	244	1581732	83.24	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	182408	35.149	ng	# 90
3) Pyridine	3.67	79	497568	34.859	ng	86
4) n-Nitrosodimethylamine	3.63	42	197485	37.523	ng	# 77
6) Aniline	6.63	93	391038	21.239	ng	97
8) 2-Chlorophenol	6.76	128	457834	41.469	ng	98
9) Benzaldehyde	6.52	77	155766	18.388	ng	100
10) Phenol	6.61	94	544828	39.765	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	445114	39.354	ng	97
12) 1,3-Dichlorobenzene	6.92	146	476198	37.870	ng	98
13) 1,4-Dichlorobenzene	6.99	146	481403	38.099	ng	100
14) 1,2-Dichlorobenzene	7.15	146	443546	37.829	ng	97
15) Benzyl Alcohol	7.11	79	395766	39.615	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	600713	37.341	ng	94
17) 2-Methylphenol	7.22	107	393800	40.054	ng	99
18) Hexachloroethane	7.48	117	179375	40.358	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	303102	36.681	ng	94
20) 3+4-Methylphenols	7.37	107	474552	38.034	ng	89
22) Acetophenone	7.38	105	604707	35.793	ng	# 93
24) Nitrobenzene	7.56	77	481394	43.499	ng	94
25) Isophorone	7.79	82	888846	40.732	ng	100
26) 2-Nitrophenol	7.87	139	254216	57.941	ng	94
27) 2,4-Dimethylphenol	7.90	122	433893	46.414	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	563501	42.645	ng	99
29) 2,4-Dichlorophenol	8.11	162	380455	44.733	ng	95
30) 1,2,4-Trichlorobenzene	8.19	180	388028	39.336	ng	99
31) Naphthalene	8.28	128	1295585	39.016	ng	100
32) Benzoic acid	8.00	122	160989	29.275	ng	96
33) 4-Chloroaniline	8.32	127	136128	9.771	ng	97
34) Hexachlorobutadiene	8.39	225	204845	37.875	ng	99
36) 4-Chloro-3-methylphenol	8.80	107	414069	44.162	ng	98
37) 2-Methylnaphthalene	8.97	142	856770	40.686	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	347160	39.398	ng	99
40) Hexachlorocyclopentadiene	9.12	237	425255	93.527	ng	99
42) 2,4,6-Trichlorophenol	9.25	196	265032	47.023	ng	99

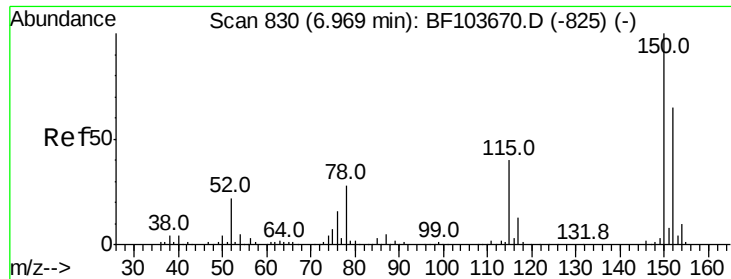
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	277222	43.578	nq	95
45) 1,1'-Biphenyl	9.43	154	986531	38.304	nq	100
46) 2-Chloronaphthalene	9.46	162	798529	39.036	nq	98
47) 2-Nitroaniline	9.55	65	255355	47.758	nq	98
48) Acenaphthylene	9.88	152	1216441	38.348	nq	100
49) Dimethylphthalate	9.73	163	951988	40.398	nq	99
50) 2,6-Dinitrotoluene	9.79	165	219920	48.223	nq	98
51) Acenaphthene	10.05	154	807108	42.851	nq	99
52) 3-Nitroaniline	9.96	138	144192	28.110	nq	98
53) 2,4-Dinitrophenol	10.07	184	164701	98.832	nq	# 16
54) Dibenzofuran	10.22	168	1088066	40.447	nq	98
55) 4-Nitrophenol	10.12	139	402651	92.500	nq	96
56) 2,4-Dinitrotoluene	10.20	165	298117	51.151	nq	# 86
57) Fluorene	10.57	166	823365	39.444	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	226056	50.150	nq	95
59) Diethylphthalate	10.43	149	924704	39.536	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	381639	40.005	nq	99
61) 4-Nitroaniline	10.59	138	239246	45.695	nq	95
62) Azobenzene	10.72	77	892925	37.551	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	124594	55.351	nq	81
65) n-Nitrosodiphenylamine	10.67	169	763356	39.358	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	237408	40.580	nq	93
67) Hexachlorobenzene	11.12	284	262628	39.332	nq	# 89
68) Atrazine	11.20	200	247712	41.288	nq	100
69) Pentachlorophenol	11.31	266	280299	73.017	nq	97
70) Phenanthrene	11.53	178	1200277	38.508	nq	99
71) Anthracene	11.59	178	1236064	39.045	nq	100
72) Carbazole	11.74	167	1160008	37.700	nq	99
73) Di-n-butylphthalate	12.06	149	1439008	38.976	nq	100
74) Fluoranthene	12.73	202	1245920	38.800	nq	98
76) Benzidine	12.84	184	446658	23.745	nq	98
77) Pyrene	12.96	202	1262395	38.975	nq	100
79) Butylbenzylphthalate	13.56	149	614256	42.804	nq	98
80) Benzo(a)anthracene	14.15	228	1121262	40.163	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	206618	22.126	nq	99
82) Chrysene	14.19	228	1047831	39.373	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	856080	41.758	nq	99
84) Di-n-octyl phthalate	14.75	149	1394545	46.757	nq	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	861101	37.051	nq	99
87) Benzo(b)fluoranthene	15.24	252	991915	42.852	nq	98
88) Benzo(k)fluoranthene	15.27	252	885555	39.799	nq	100
89) Benzo(a)pyrene	15.63	252	876128	41.731	nq	98
90) Dibenzo(a,h)anthracene	17.29	278	709355	39.020	nq	100
91) Benzo(g,h,i)perylene	17.76	276	732786	41.434	nq	98

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

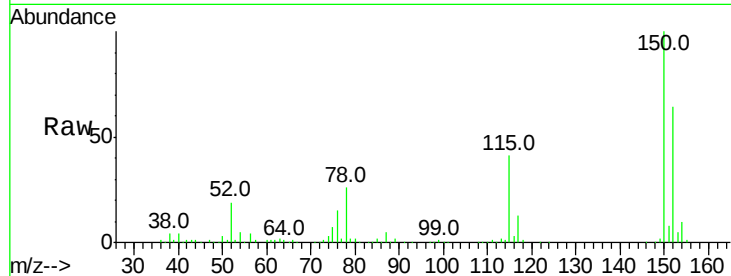


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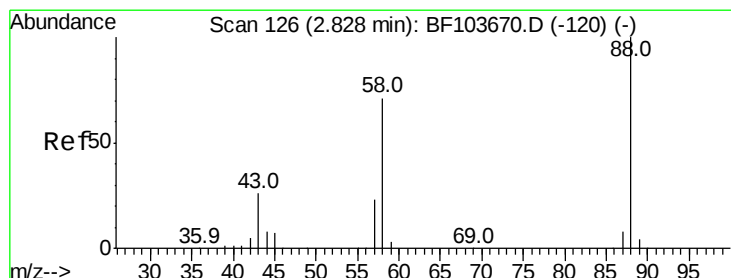
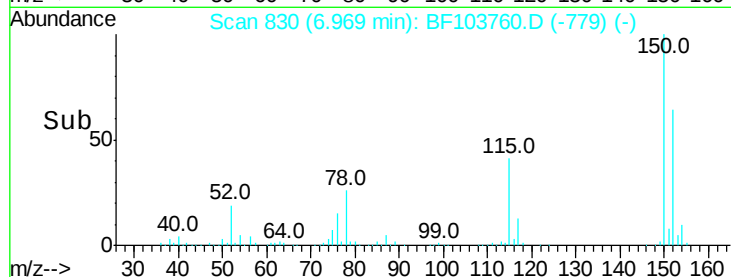
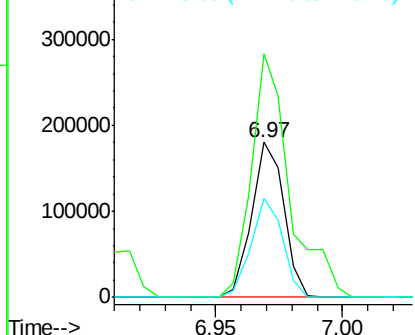
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160300
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 63.8 50.1 75.1



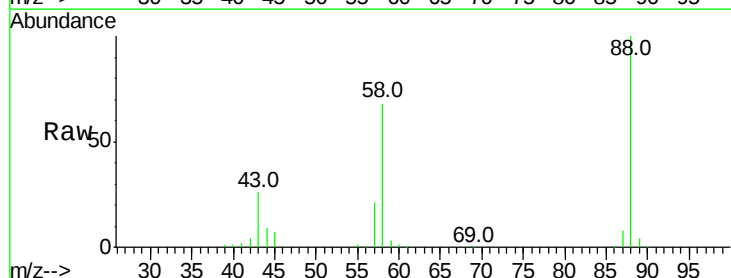
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



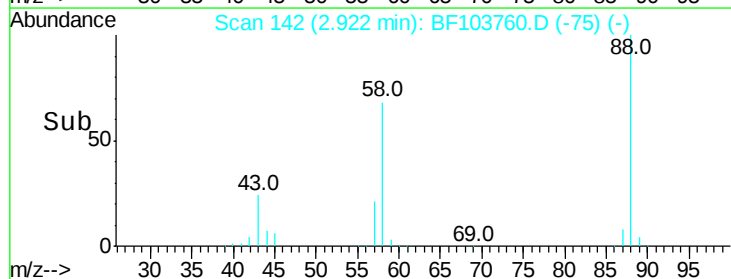
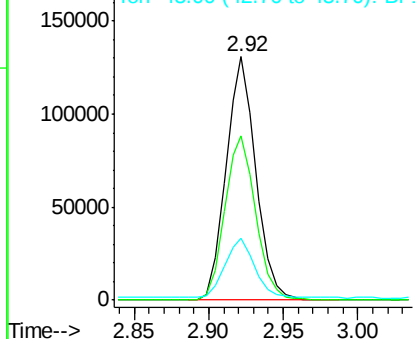
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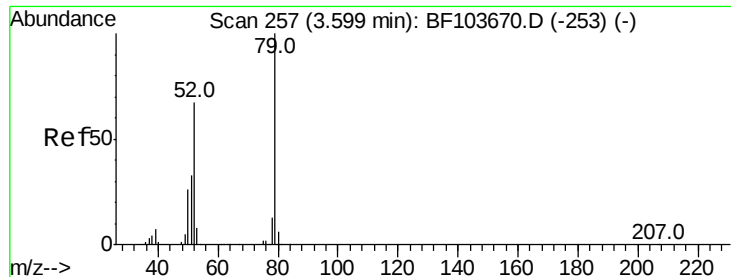
1,4-Dioxane
Concen: 35.149 ng
RT: 2.92 min Scan# 142
Delta R.T. 0.09 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion: 88 Resp: 182408
Ion Ratio Lower Upper
88 100
58 69.8 62.6 93.8
43 24.1 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: 34.859 ng

RT: 3.67 min Scan# 270

Delta R.T. 0.08 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

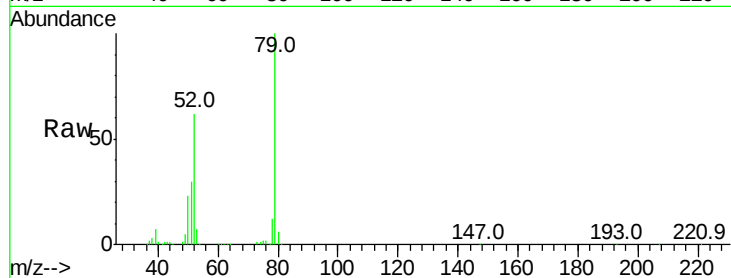
Tot Ion: 79 Resp: 497568

Ion Ratio Lower Upper

79 100

52 62.4 59.8 89.6

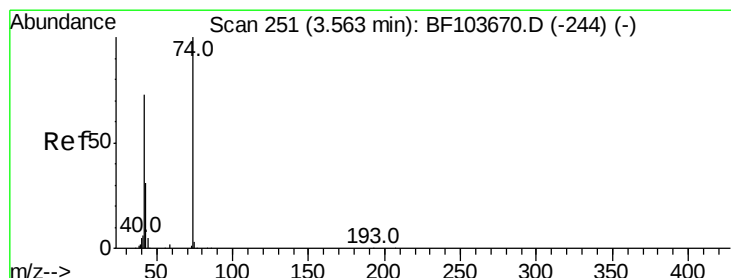
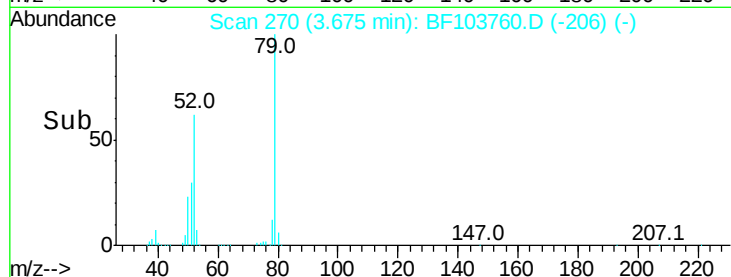
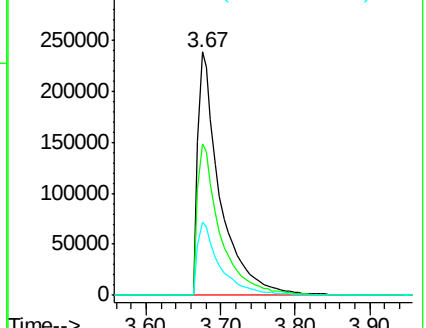
51 30.0 29.8 44.8



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: 37.523 ng

RT: 3.63 min Scan# 263

Delta R.T. 0.07 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

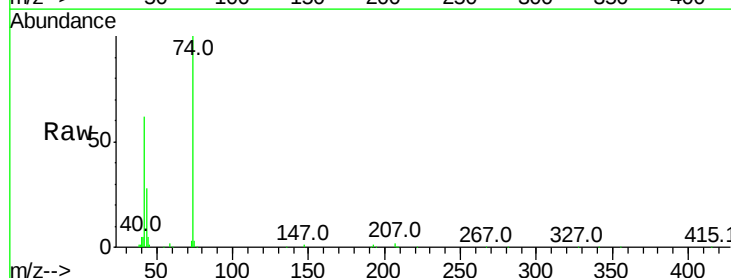
Tgt Ion: 42 Resp: 197485

Ion Ratio Lower Upper

42 100

74 160.4 104.9 157.3#

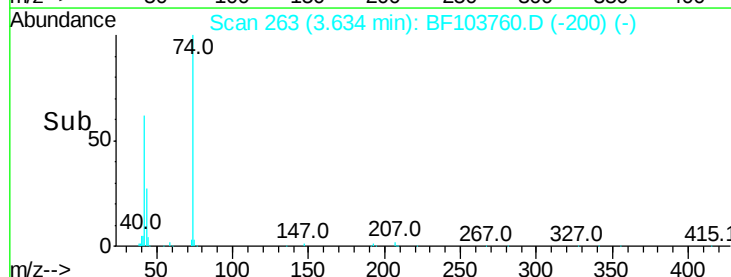
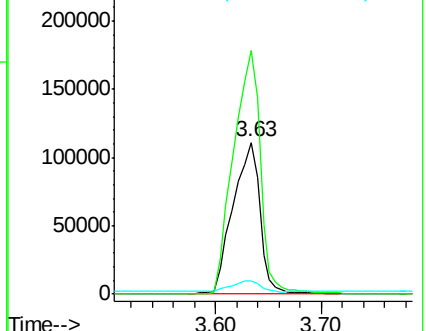
44 8.6 6.9 10.3

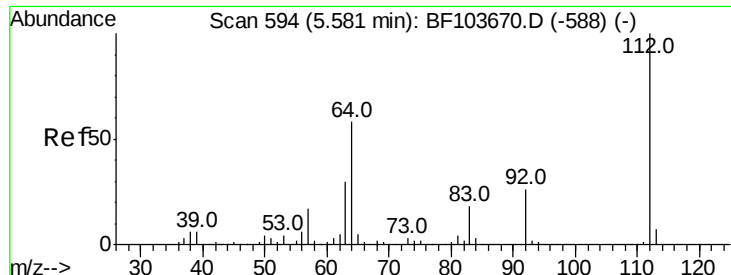


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.092 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampled :

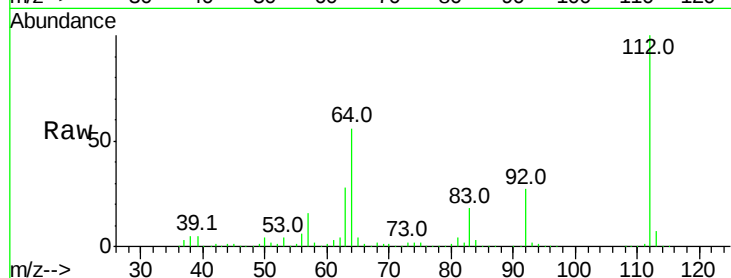
Tot Ion:112 Resp: 1191891

Ion Ratio Lower Upper

112 100

64 56.4 47.9 71.9

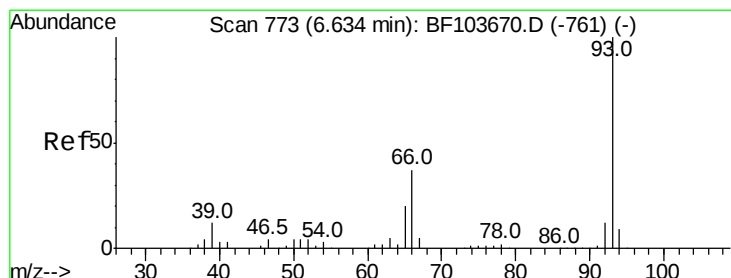
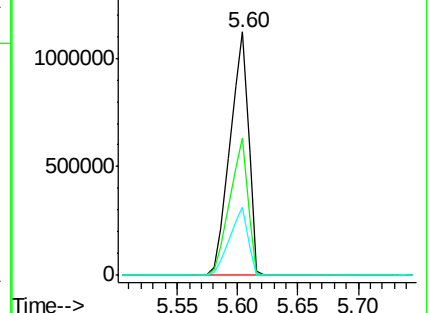
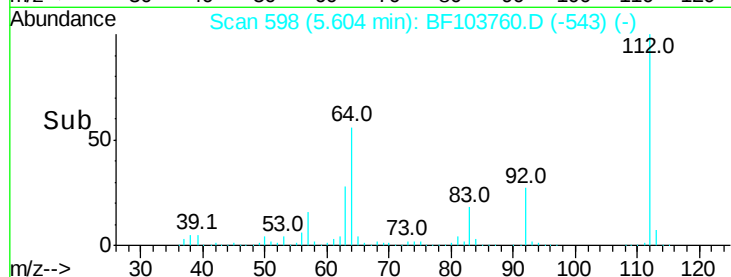
63 28.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.239 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

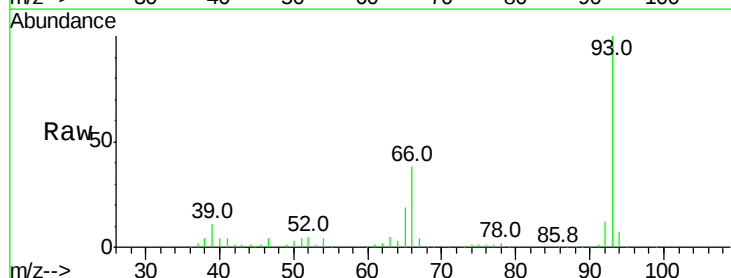
Tgt Ion: 93 Resp: 391038

Ion Ratio Lower Upper

93 100

66 38.3 32.2 48.2

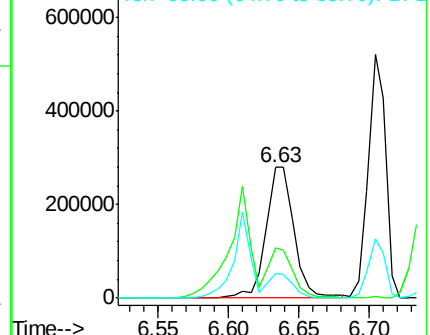
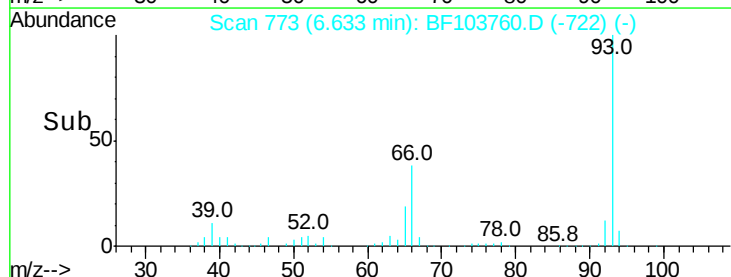
65 19.2 16.4 24.6

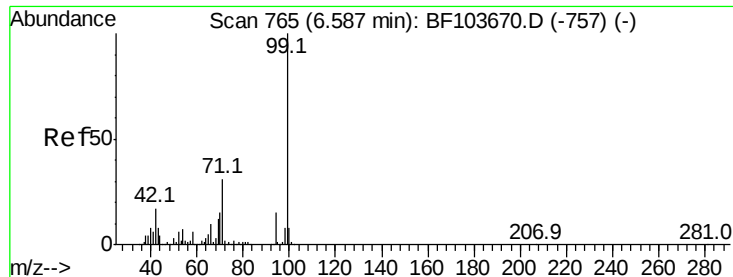


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.243 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampled :

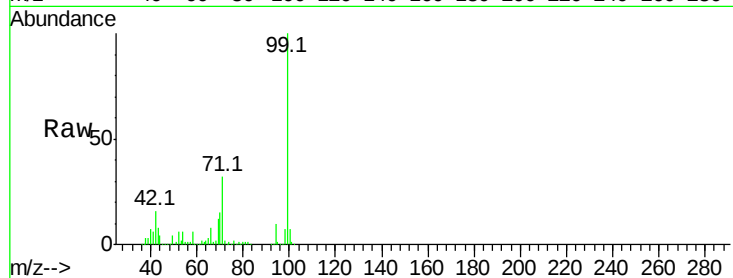
Tot Ion: 99 Resp: 1485933

Ion Ratio Lower Upper

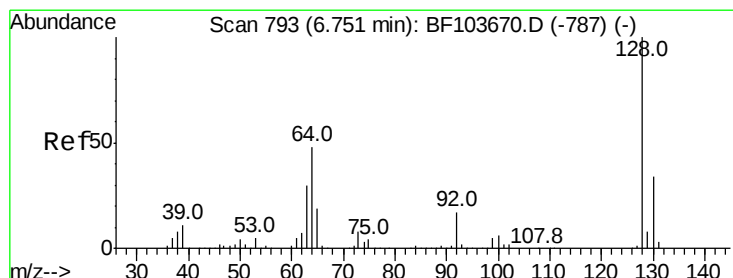
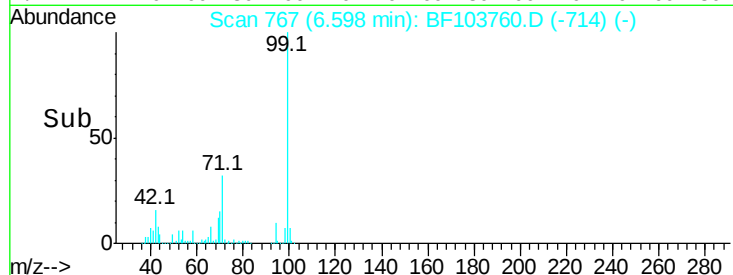
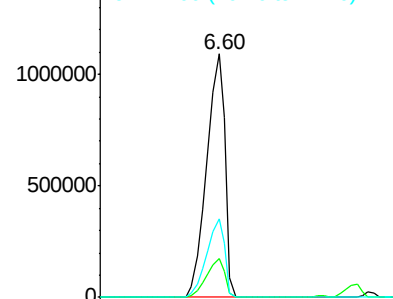
99 100

42 15.7 14.5 21.7

71 32.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.469 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

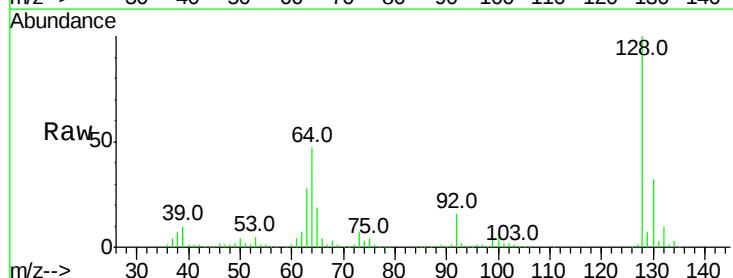
Tgt Ion:128 Resp: 457834

Ion Ratio Lower Upper

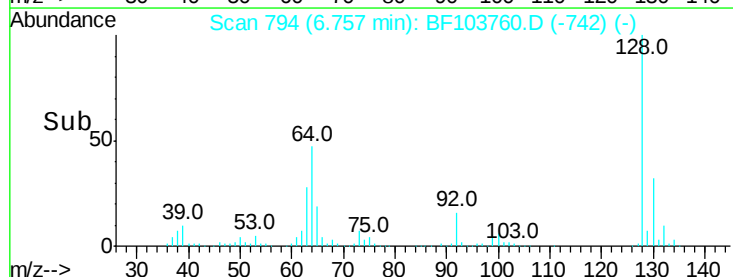
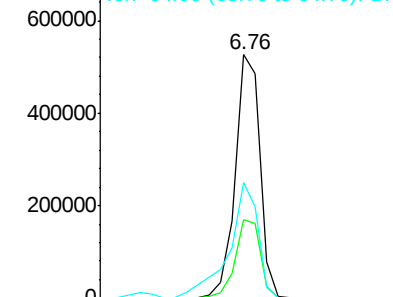
128 100

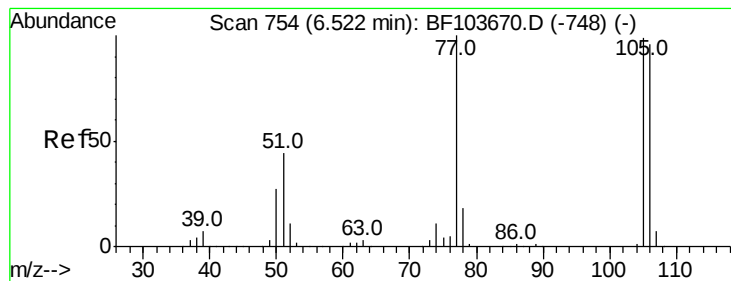
130 32.4 13.0 53.0

64 47.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 18.388 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampled :

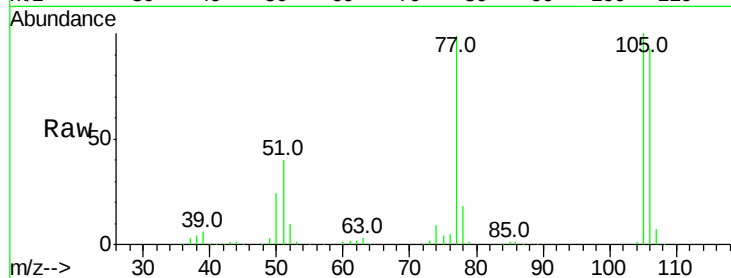
Tot Ion: 77 Resp: 155766

Ion Ratio Lower Upper

77 100

105 101.3 81.1 121.1

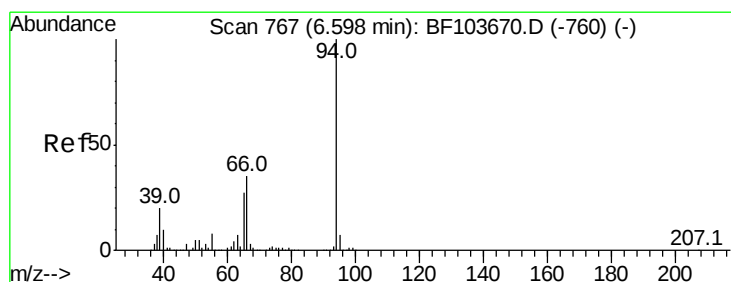
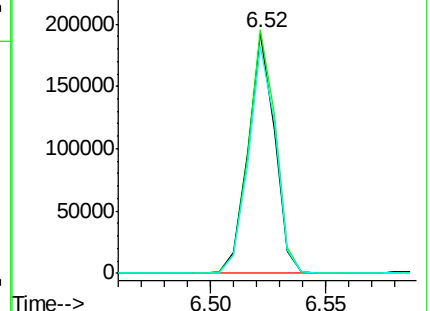
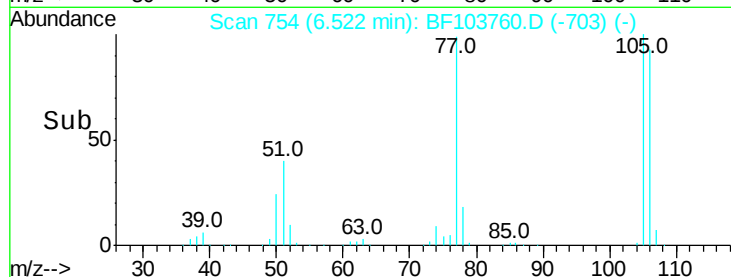
106 94.7 74.5 114.5



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: 39.765 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

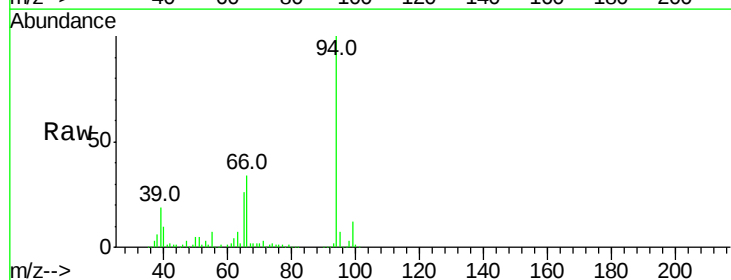
Tgt Ion: 94 Resp: 544828

Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

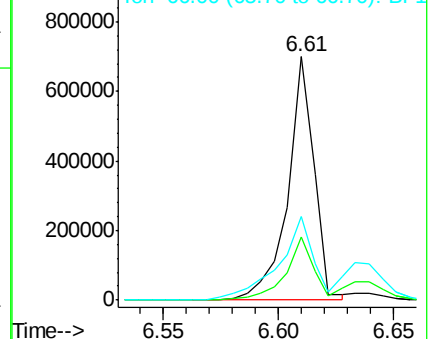
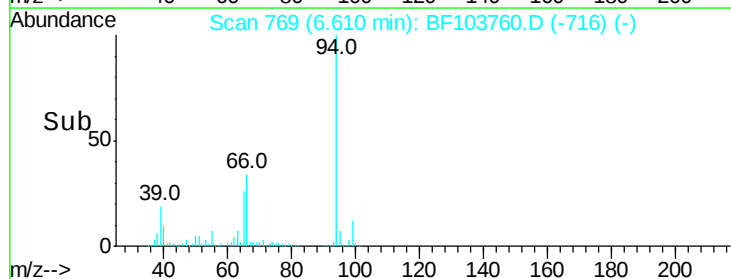
66 34.2 16.2 56.2

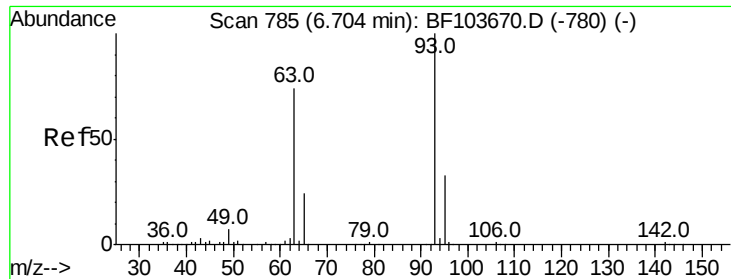


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

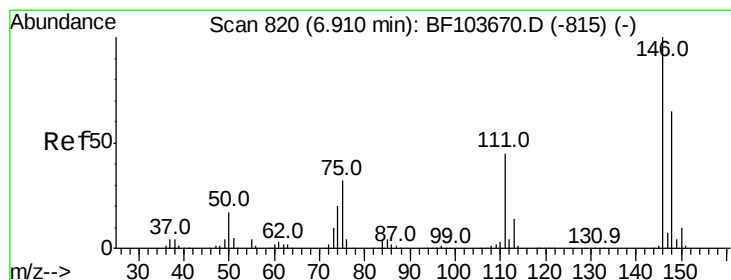
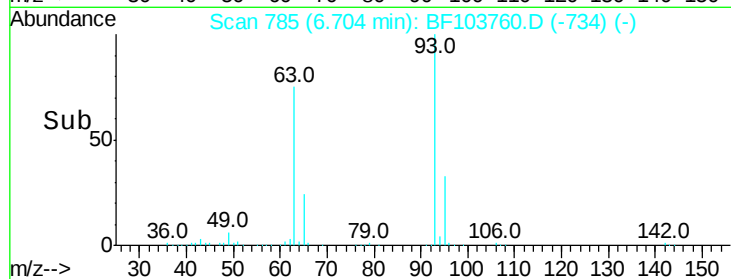
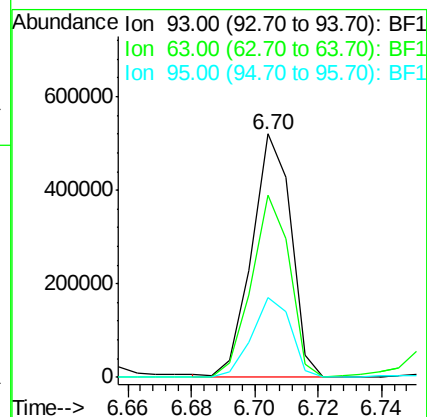
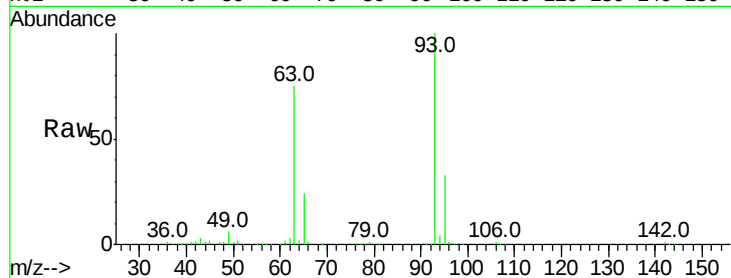




#11
bis(2-Chloroethyl)ether
Concen: 39.354 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

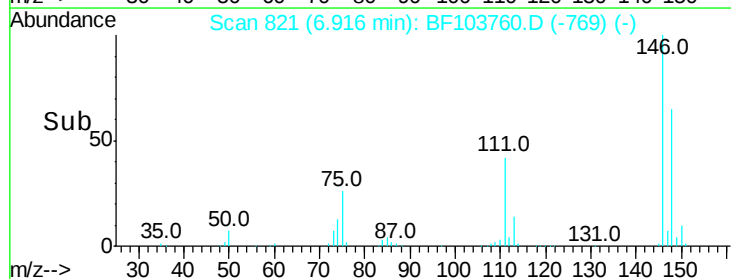
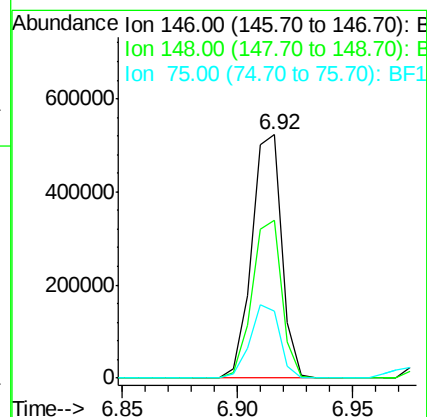
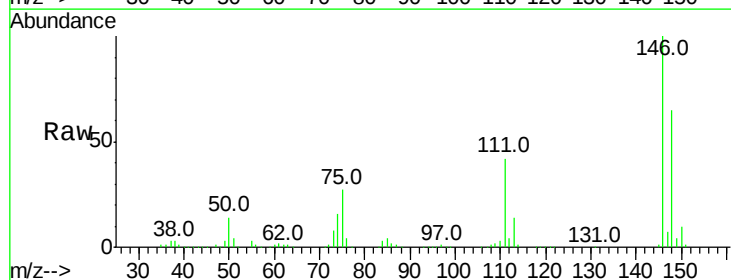
Instrument :
BNA_F
ClientSampleId :

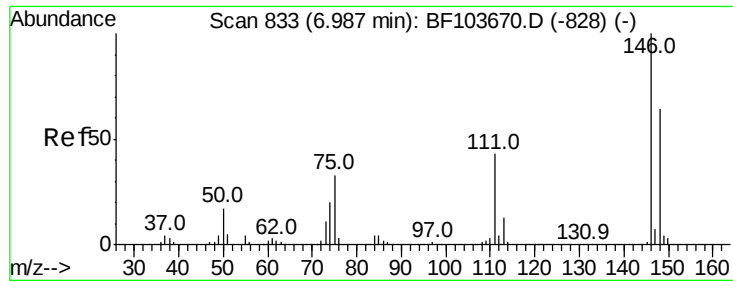
Tot Ion: 93 Resp: 445114
Ion Ratio Lower Upper
93 100
63 75.0 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.870 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion: 146 Resp: 476198
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 27.5 24.2 36.4

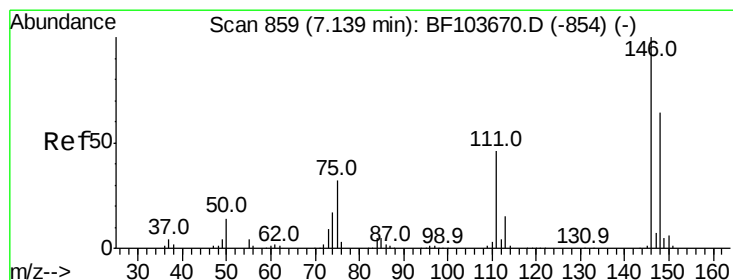
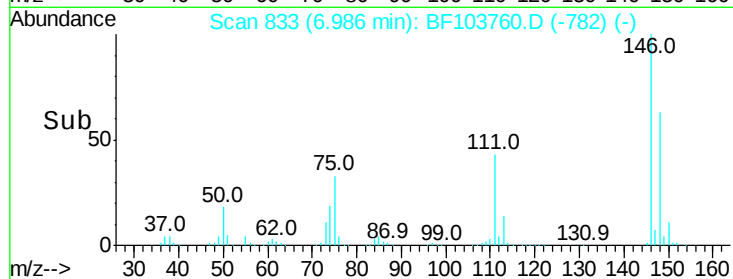
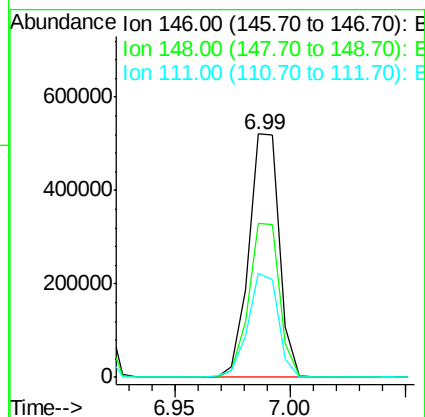
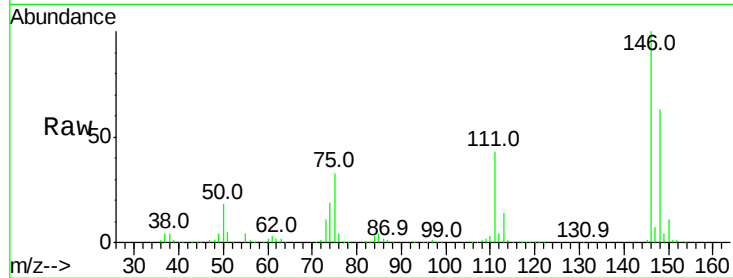




#13
 1,4-Dichlorobenzene
 Concen: 38.099 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

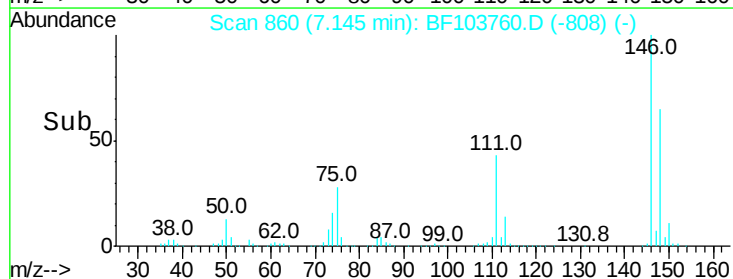
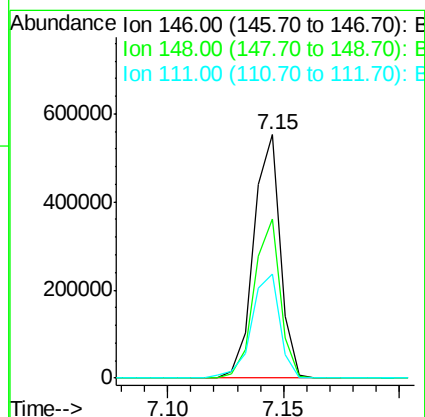
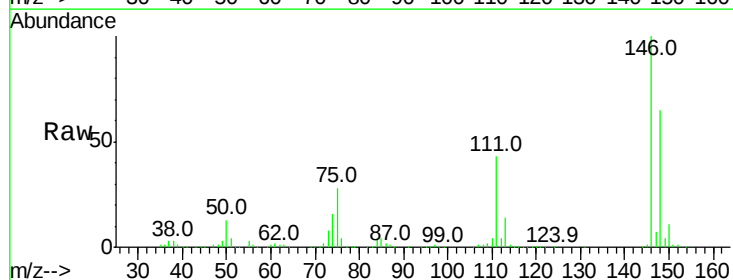
Instrument :
 BNA_F
 ClientSampleId :

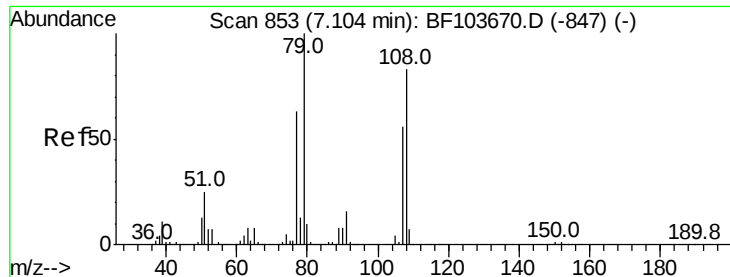
Tot Ion:146 Resp: 481403
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.8 76.2
 111 42.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.829 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion:146 Resp: 443546
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 75.8
 111 42.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.615 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampled :

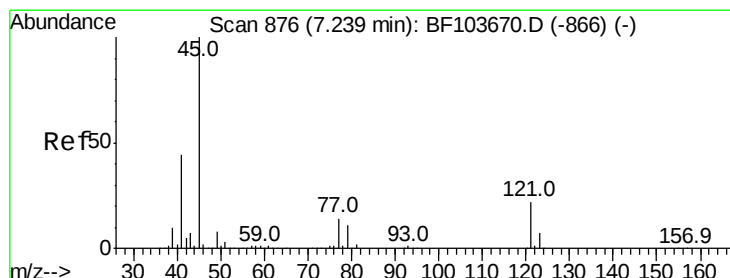
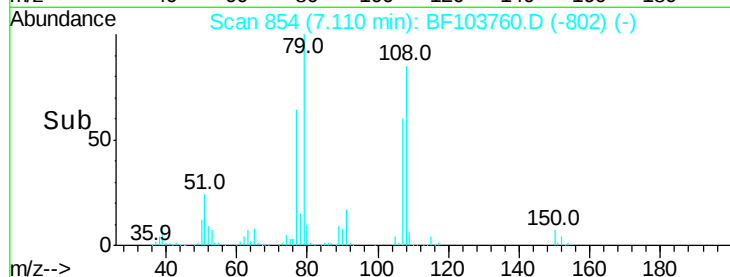
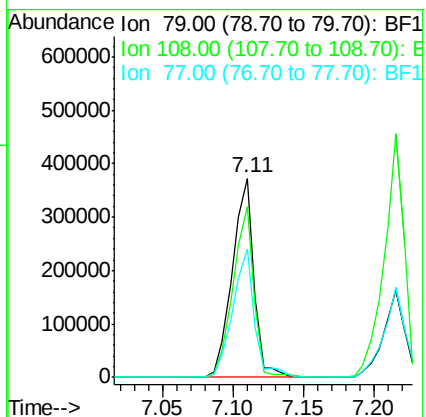
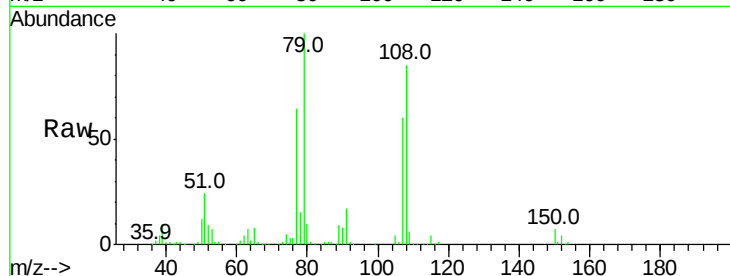
Tot Ion: 79 Resp: 395766

Ion Ratio Lower Upper

79 100

108 85.4 65.1 97.7

77 64.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.341 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

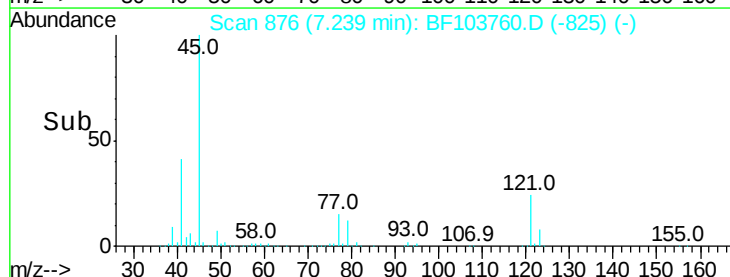
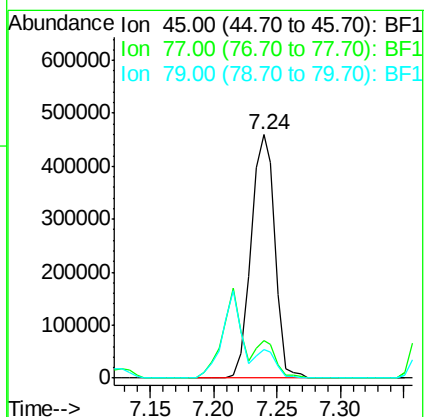
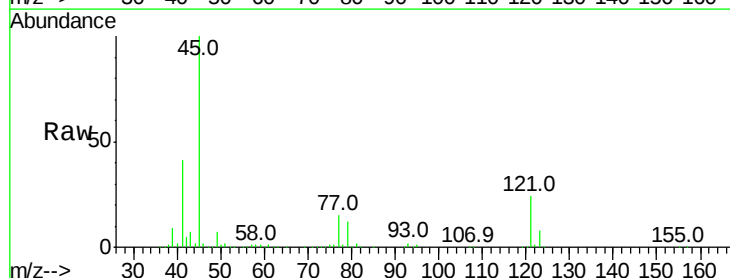
Tgt Ion: 45 Resp: 600713

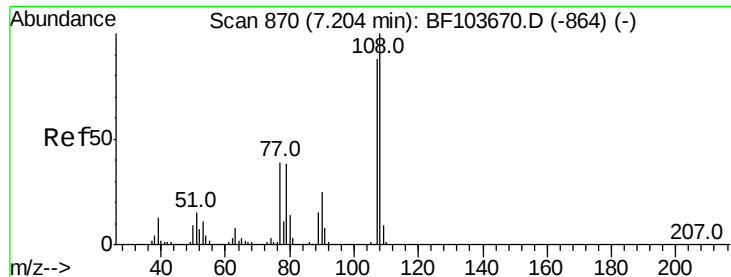
Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.9

79 11.9 0.0 29.6





#17

2-Methylphenol

Concen: 40.054 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 393800

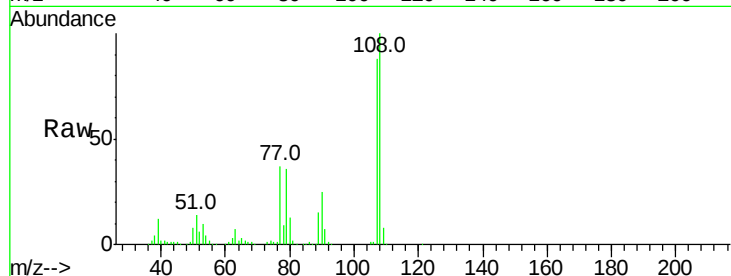
Ion Ratio Lower Upper

107 100

108 113.3 91.7 137.5

77 42.0 33.8 50.8

79 40.9 33.8 50.8

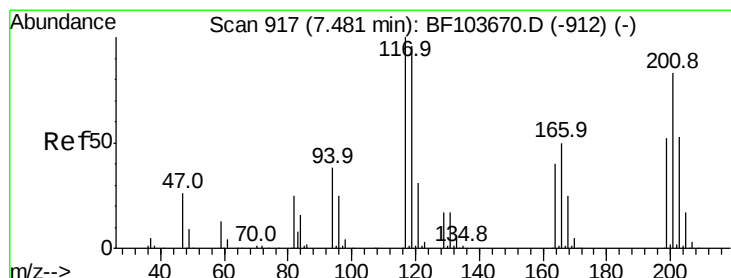
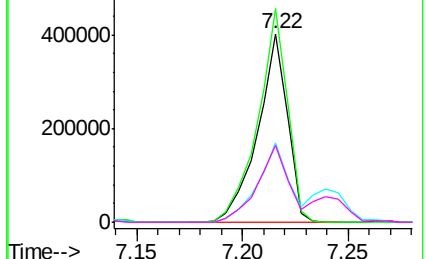
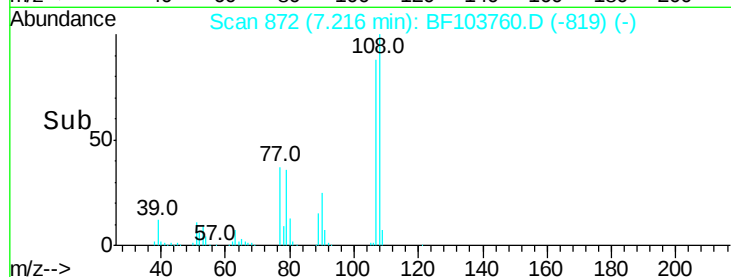


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.358 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

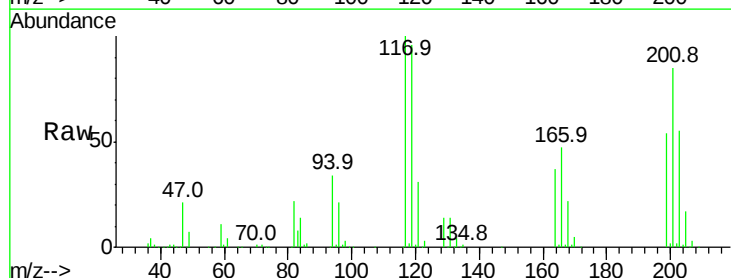
Tgt Ion:117 Resp: 179375

Ion Ratio Lower Upper

117 100

119 96.0 75.8 113.8

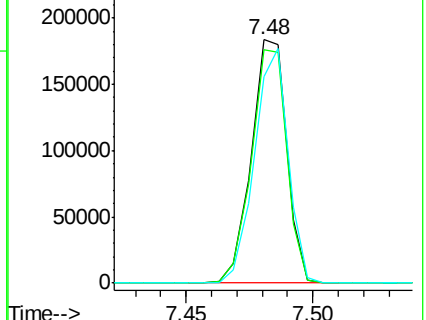
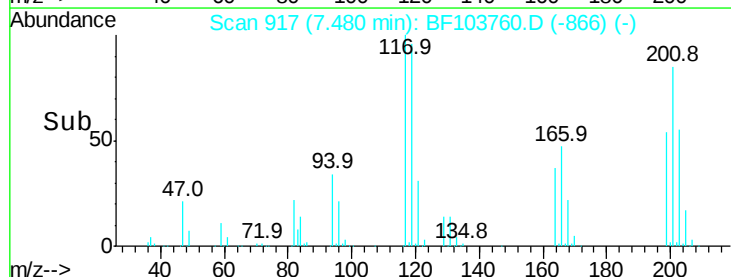
201 84.7 75.7 113.5

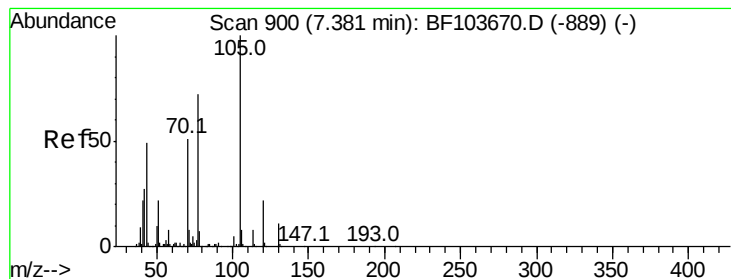


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.681 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 303102

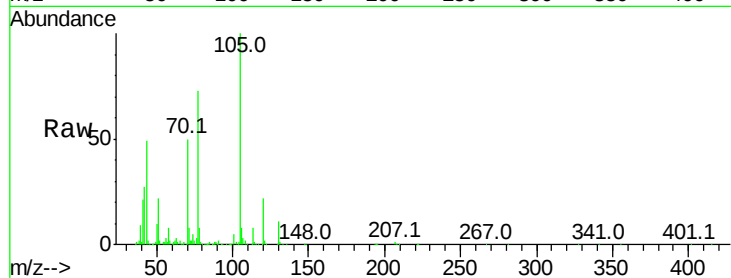
Ion Ratio Lower Upper

70 100

42 53.6 47.5 71.3

101 9.4 7.4 11.2

130 22.2 16.6 25.0

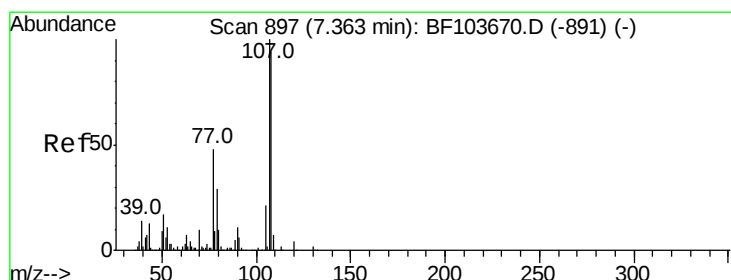
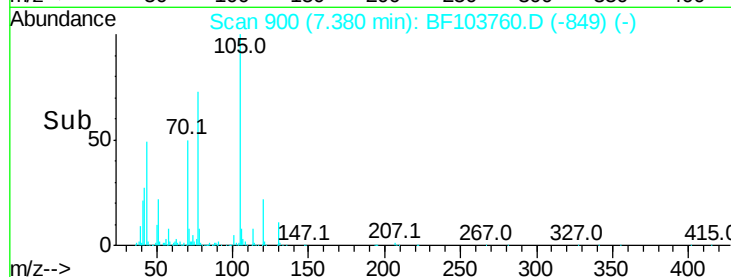
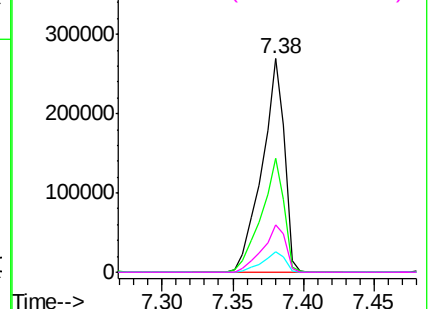


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 38.034 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion: 107 Resp: 474552

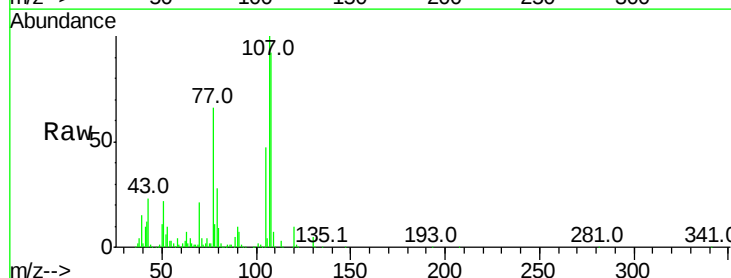
Ion Ratio Lower Upper

107 100

108 91.6 68.2 108.2

77 65.9 26.7 66.7

79 28.3 6.3 46.3

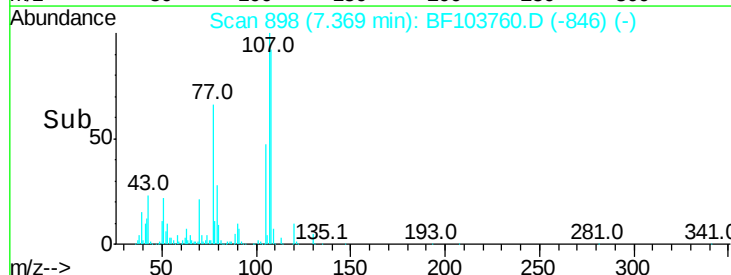
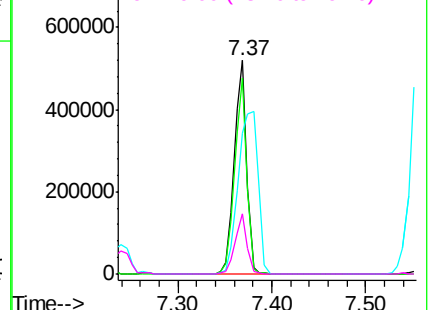


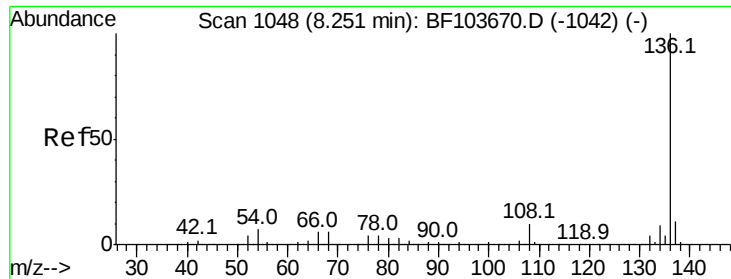
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

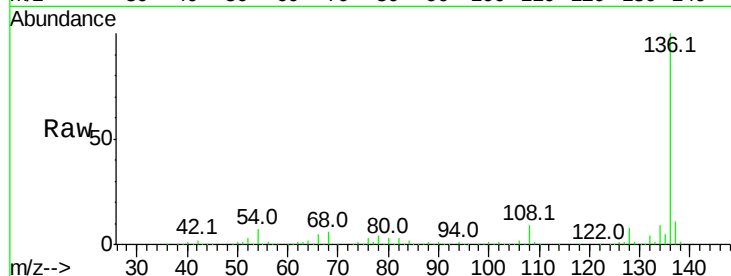




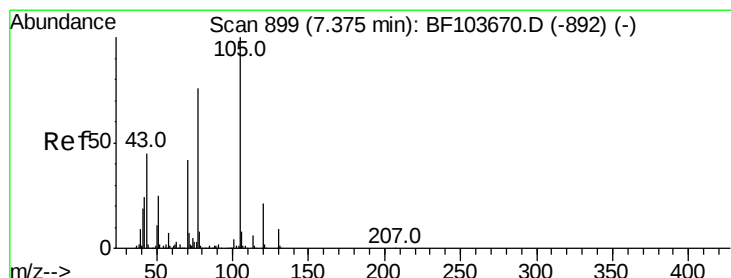
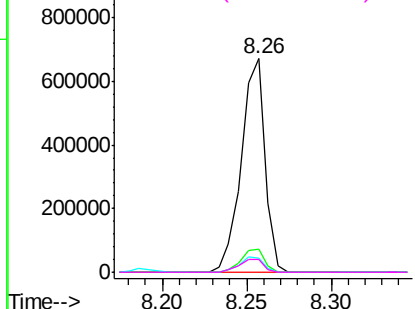
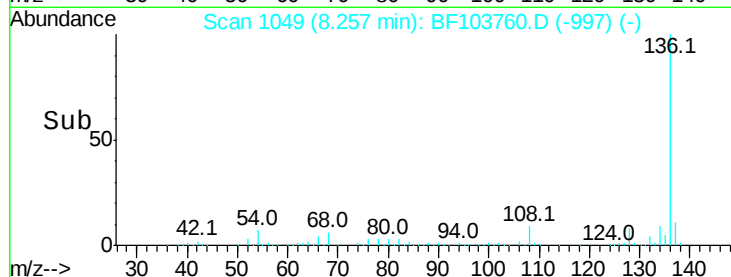
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleID :

Tot Ion:136	Resp: 657361
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 6.7	6.6 9.8
68 6.0	5.0 7.4

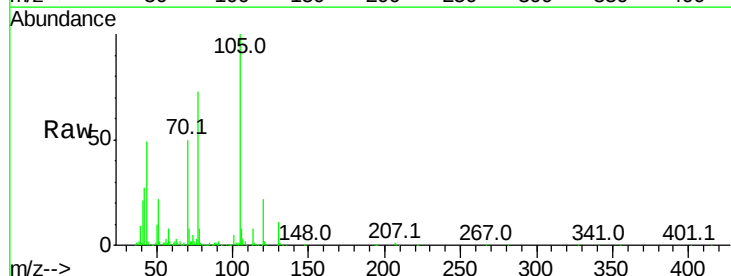


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

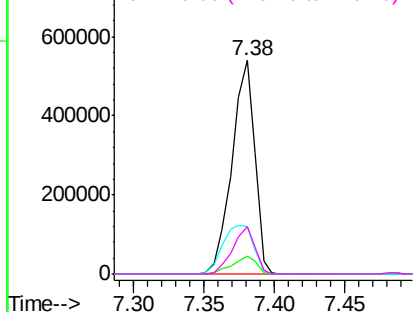
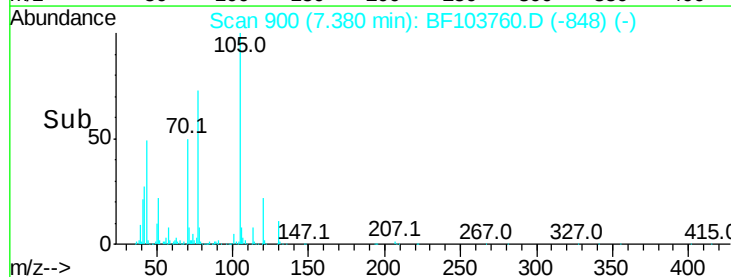


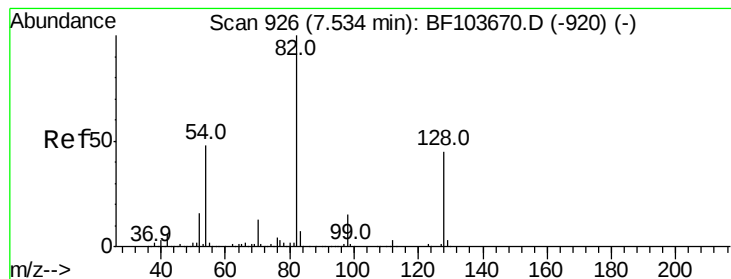
#22
Acetophenone
Concen: 35.793 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt	Ion:105	Resp:	604707
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	22.4	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: 98.960 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

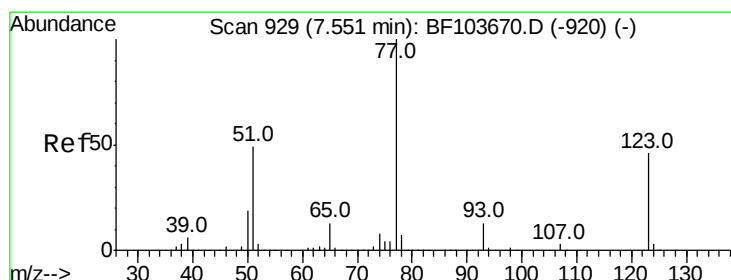
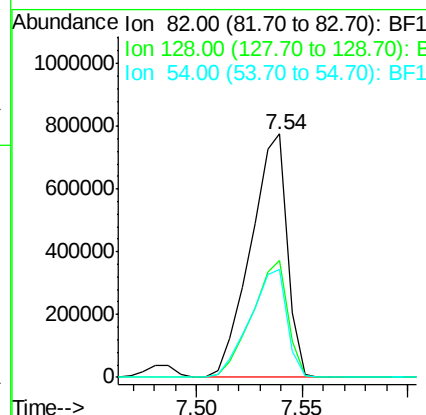
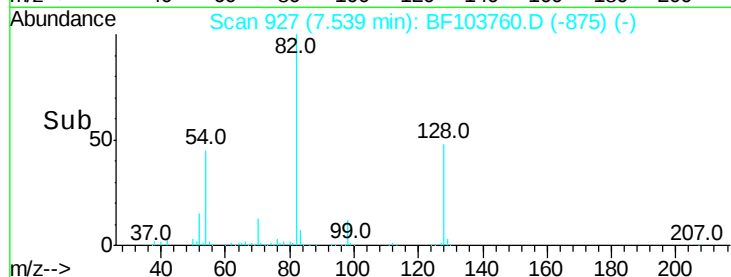
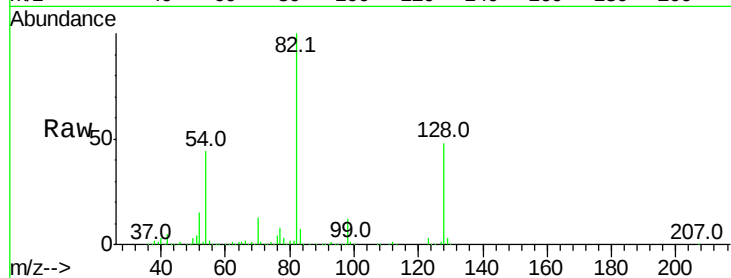
Tot Ion: 82 Resp: 932841

Ion Ratio Lower Upper

82 100

128 48.2 36.1 54.1

54 44.5 41.4 62.2



#24

Nitrobenzene

Concen: 43.499 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

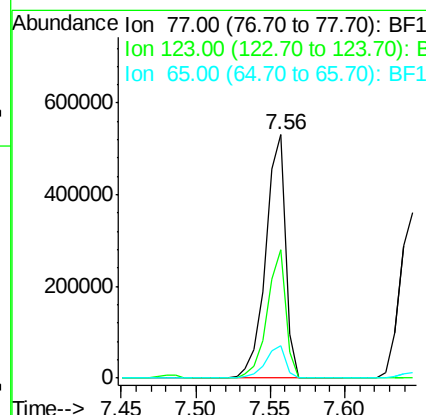
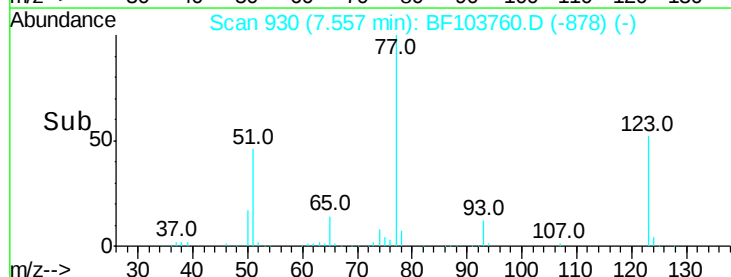
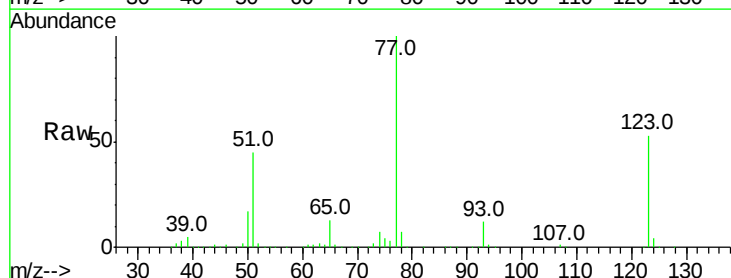
Tgt Ion: 77 Resp: 481394

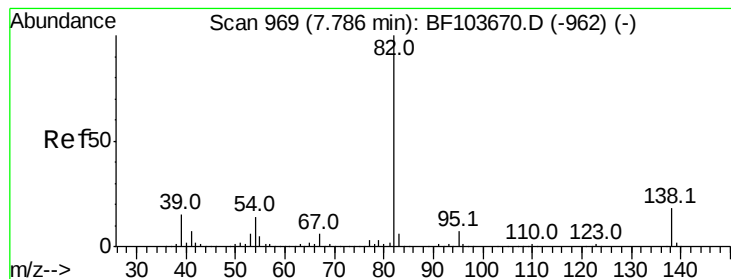
Ion Ratio Lower Upper

77 100

123 52.6 37.9 56.9

65 13.2 11.0 16.4





#25

Isophorone

Concen: 40.732 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

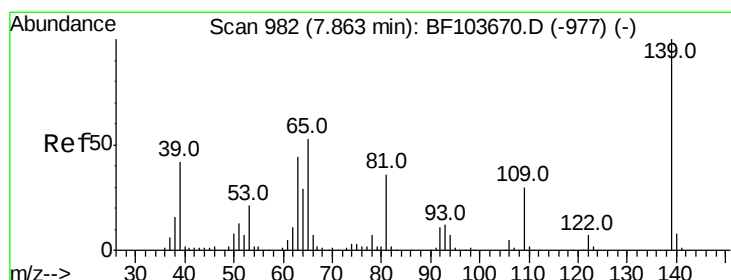
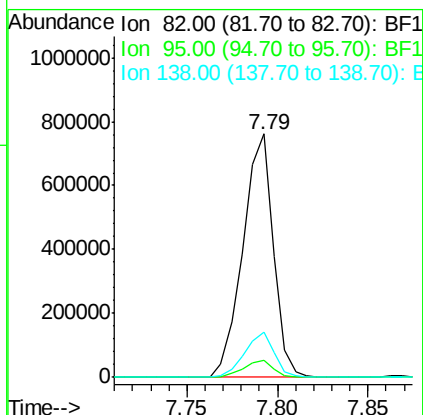
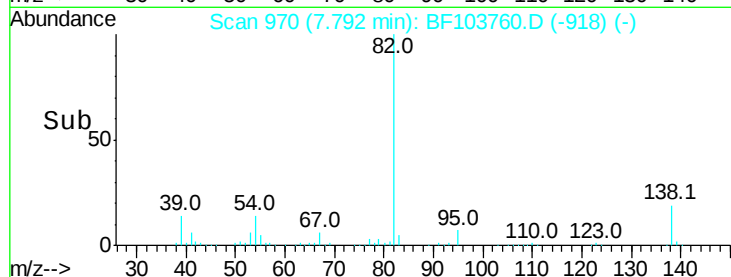
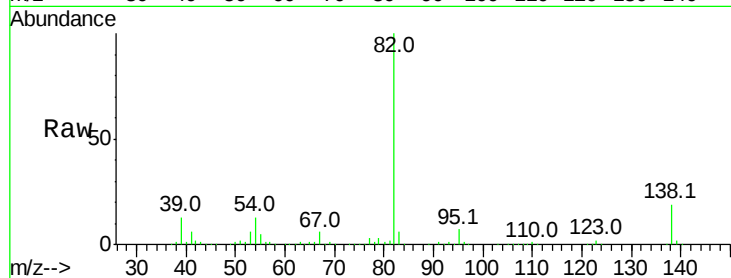
Tot Ion: 82 Resp: 888846

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 57.941 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

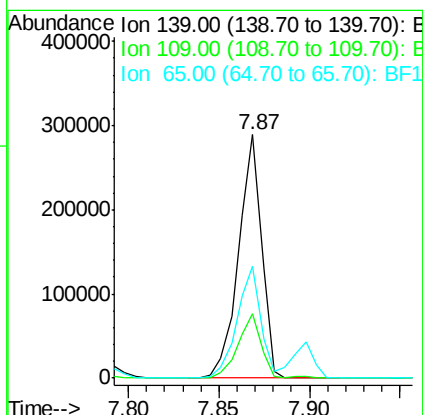
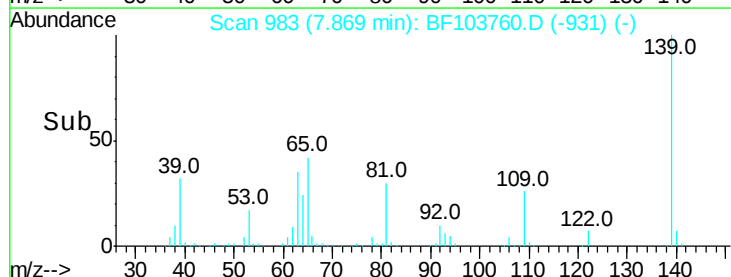
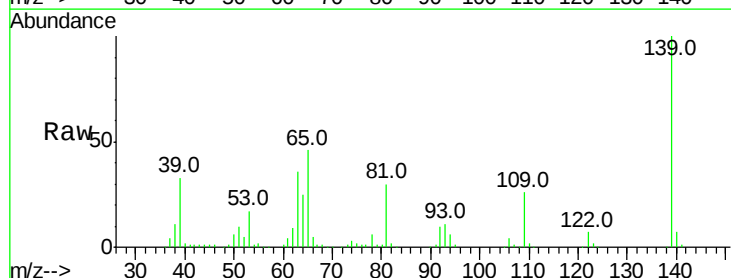
Tgt Ion: 139 Resp: 254216

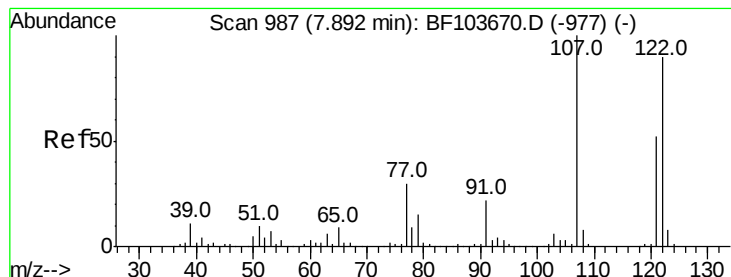
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 45.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.414 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

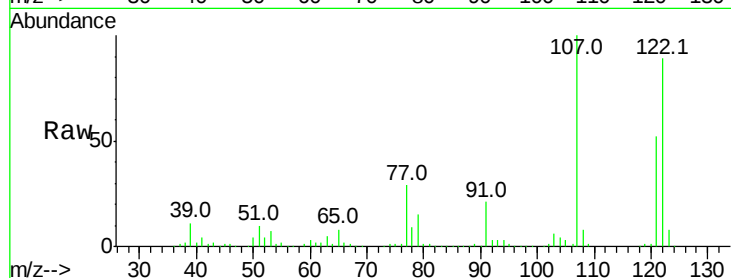
Tot Ion:122 Resp: 433893

Ion Ratio Lower Upper

122 100

107 113.0 91.2 136.8

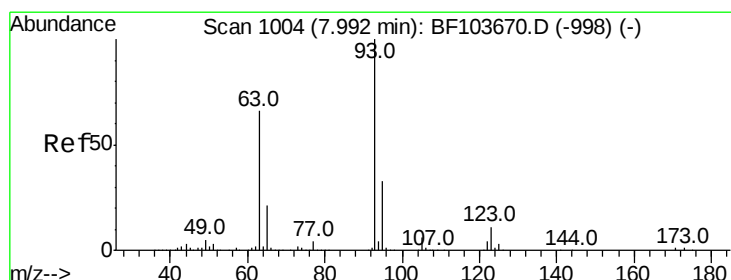
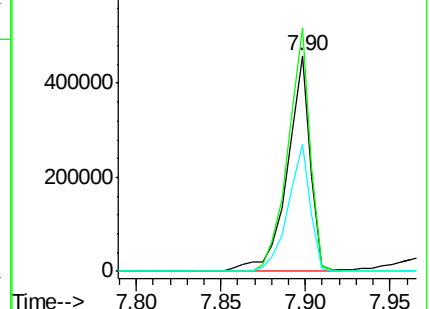
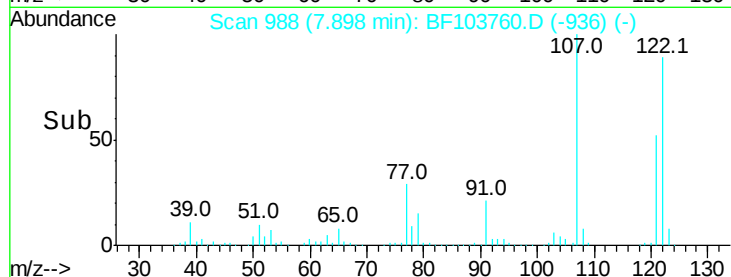
121 58.8 47.2 70.8



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: 42.645 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

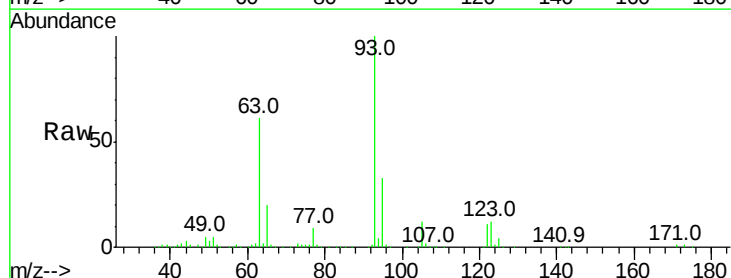
Tgt Ion: 93 Resp: 563501

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

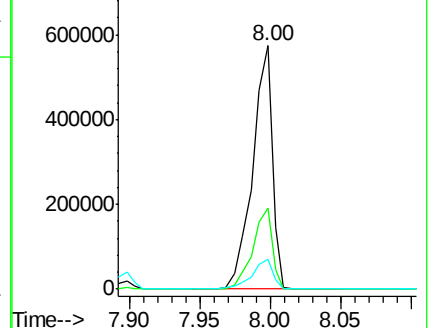
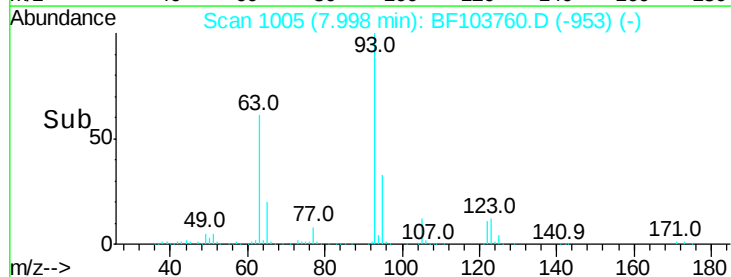
123 12.5 9.8 14.6

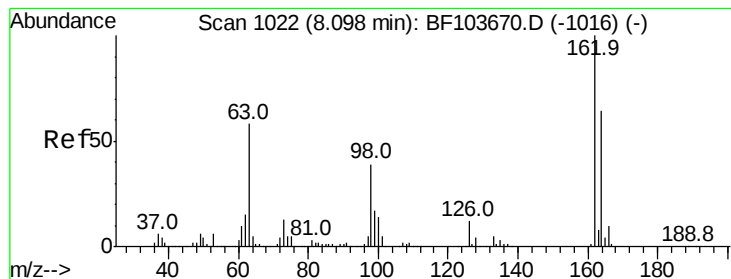


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.733 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampled :

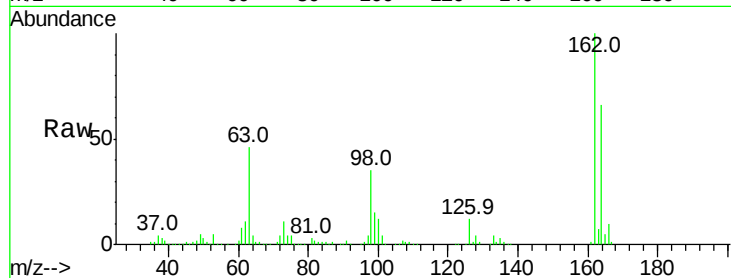
Tot Ion:162 Resp: 380455

Ion Ratio Lower Upper

162 100

164 66.0 42.7 82.7

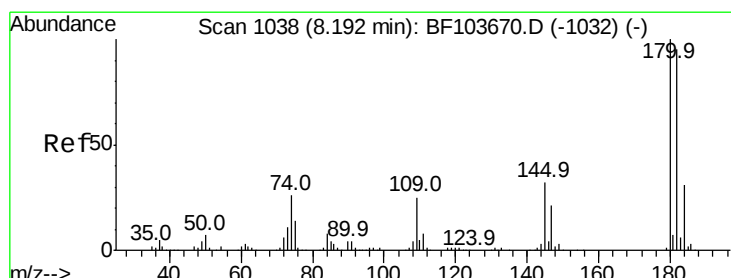
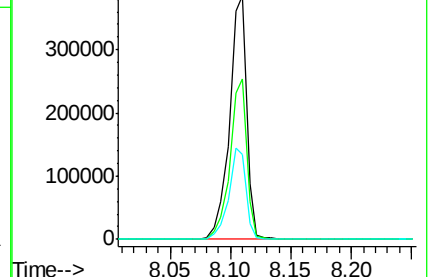
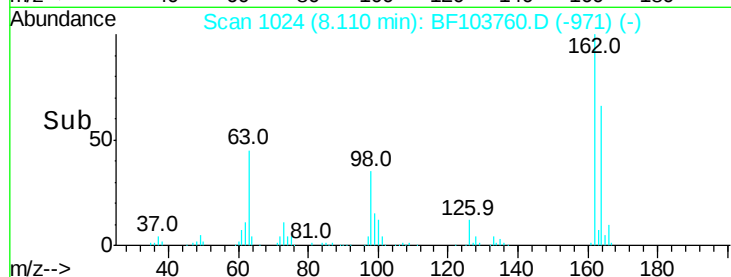
98 35.0 18.1 58.1



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: 39.336 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

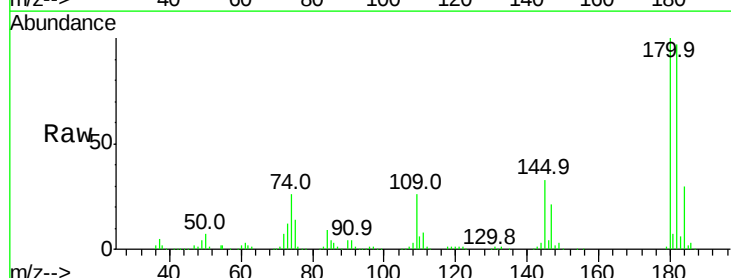
Tgt Ion:180 Resp: 388028

Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

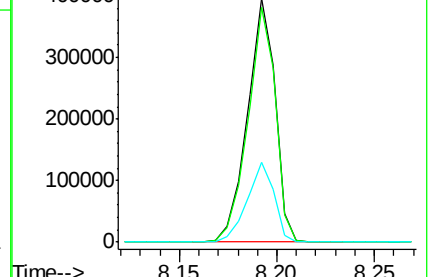
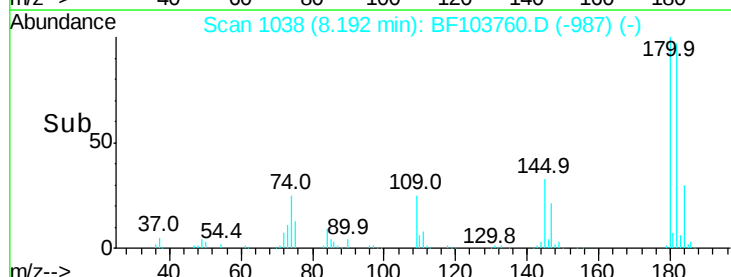
145 32.6 26.5 39.7

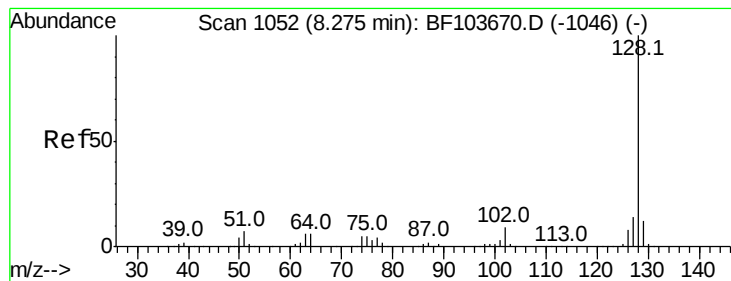


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.016 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

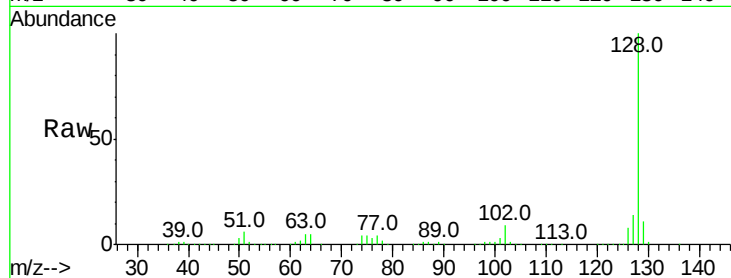
Tot Ion:128 Resp: 1295585

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

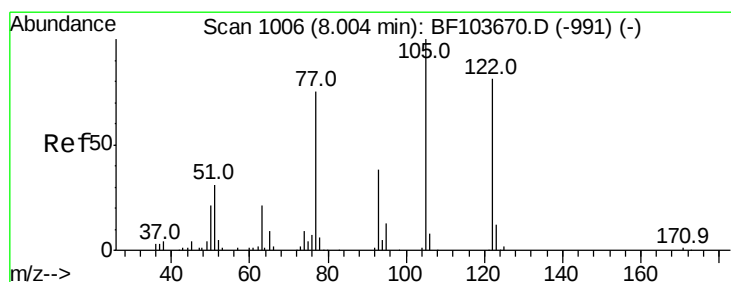
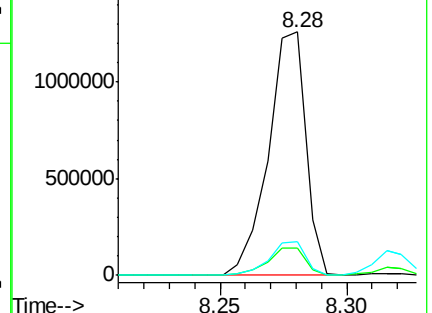
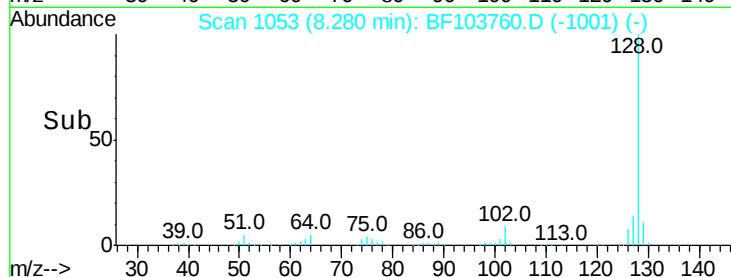
127 13.7 10.9 16.3



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: 29.275 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

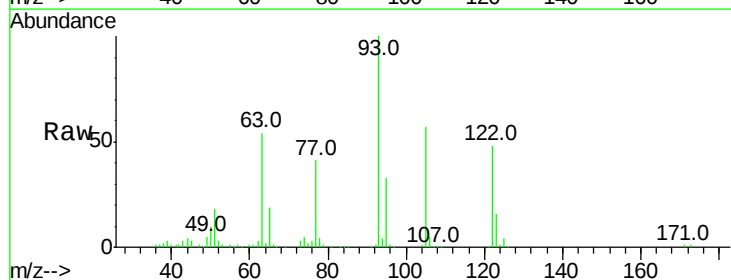
Tgt Ion:122 Resp: 160989

Ion Ratio Lower Upper

122 100

105 117.8 101.1 141.1

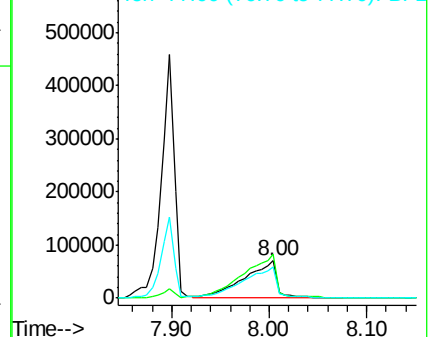
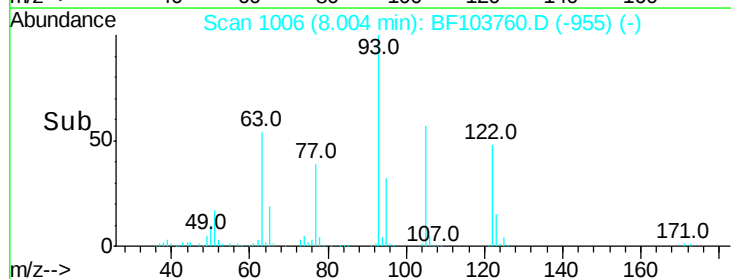
77 84.8 70.7 110.7

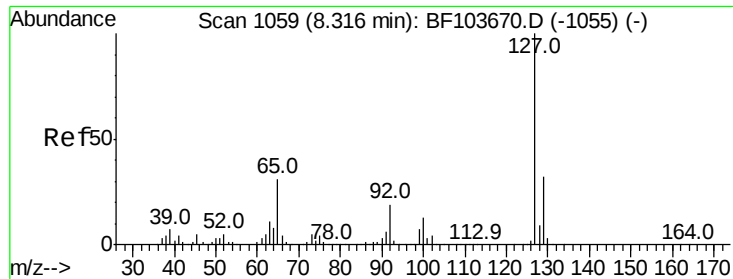


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

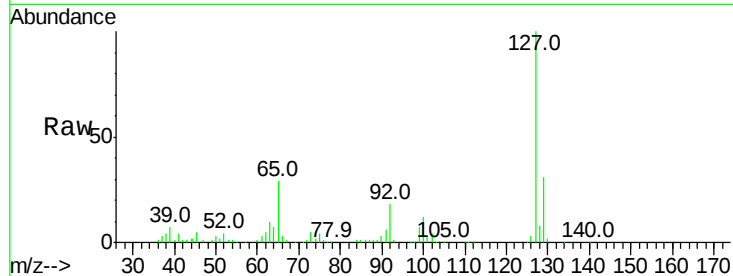




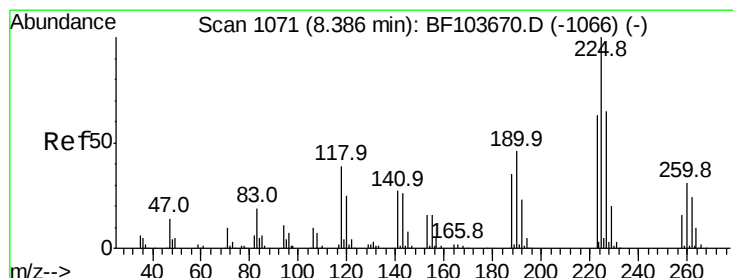
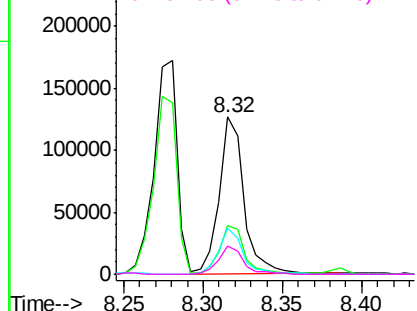
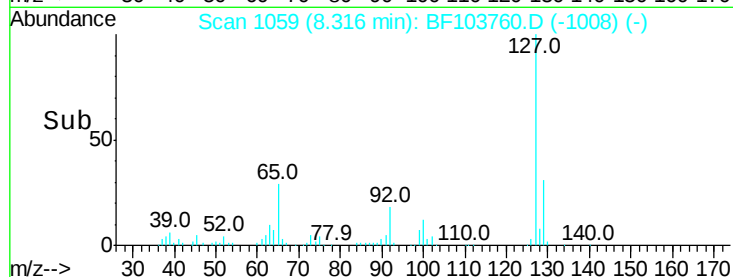
#33
4-Chloroaniline
Concen: 9.771 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	136128
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	29.0	25.0	37.4
92	18.2	15.2	22.8

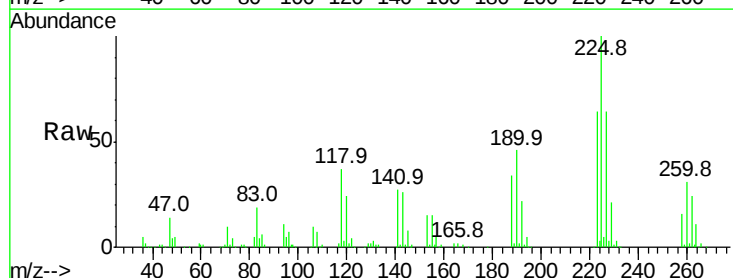


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

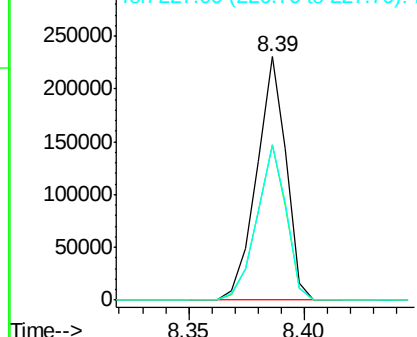
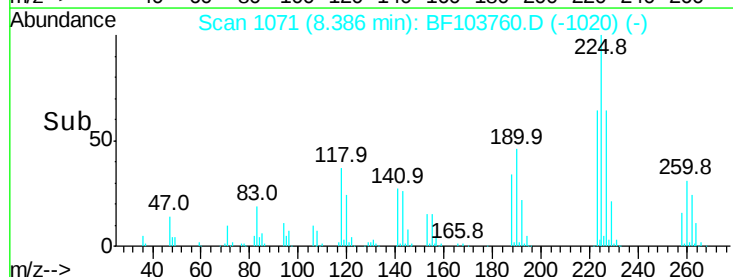


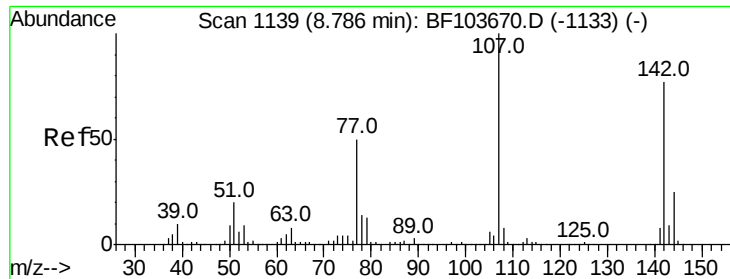
#34
Hexachlorobutadiene
Concen: 37.875 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion:	225	Resp:	204845
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.8	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

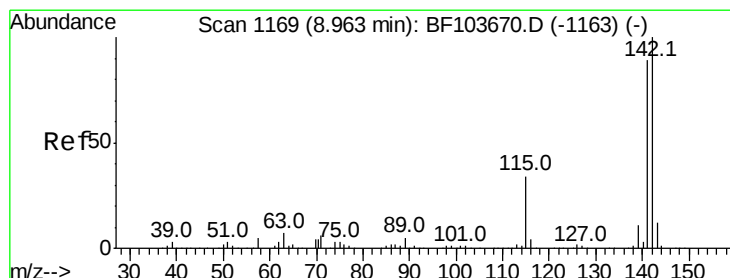
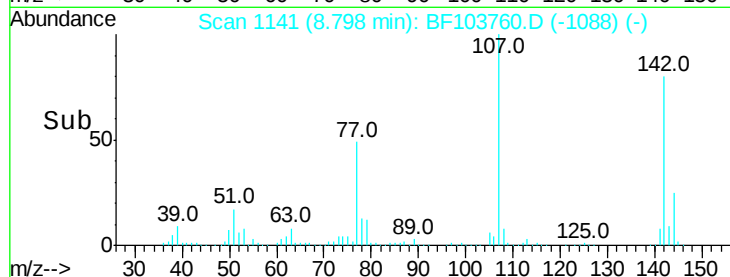
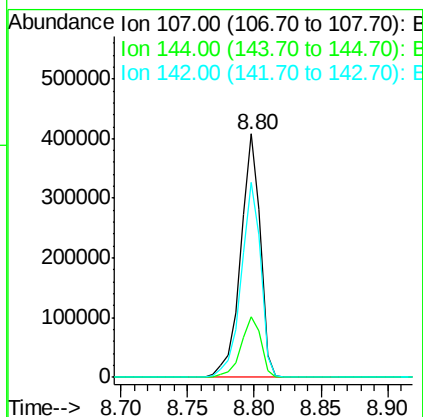
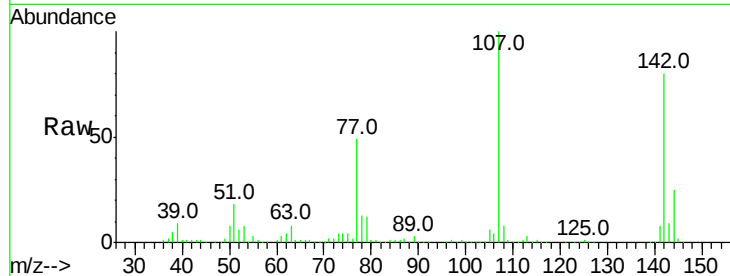




#36
 4-Chloro-3-methylphenol
 Concen: 44.162 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

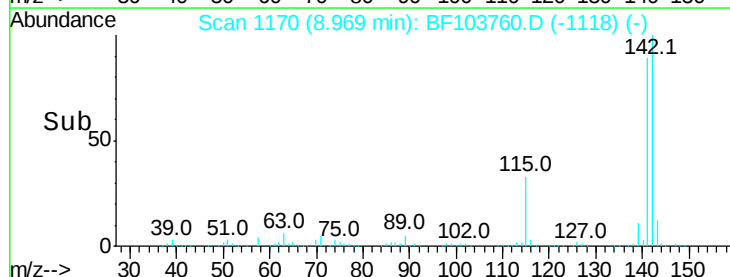
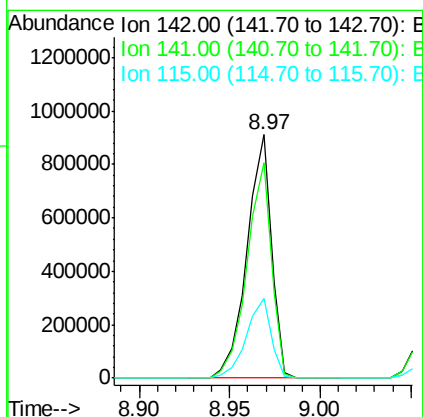
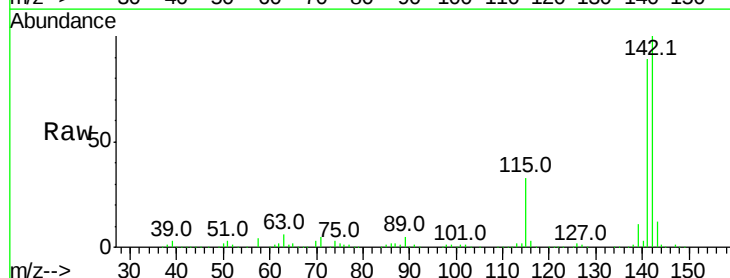
Instrument :
 BNA_F
 ClientSampleId :

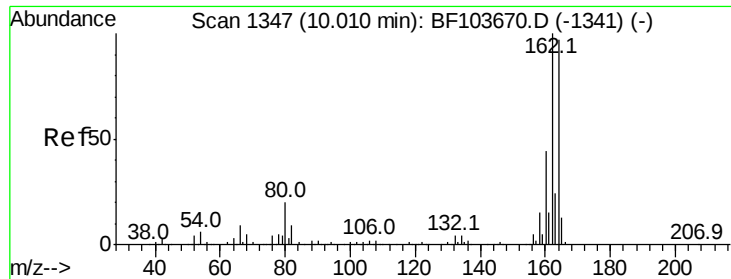
Tot Ion:107 Resp: 414069
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 79.9 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 40.686 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion:142 Resp: 856770
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.8 106.2
 115 32.9 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampled :

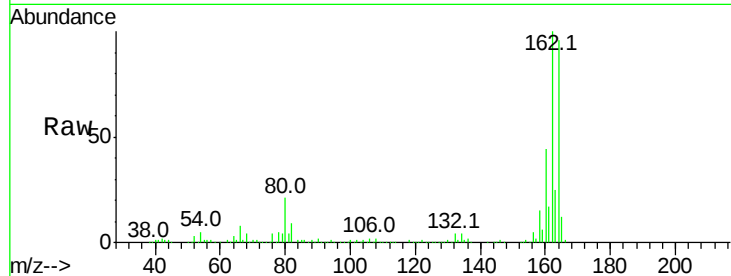
Tot Ion:164 Resp: 308869

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

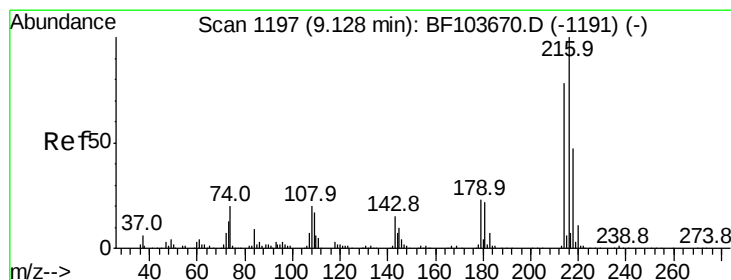
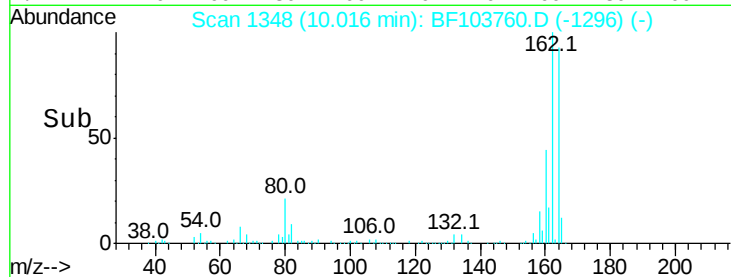
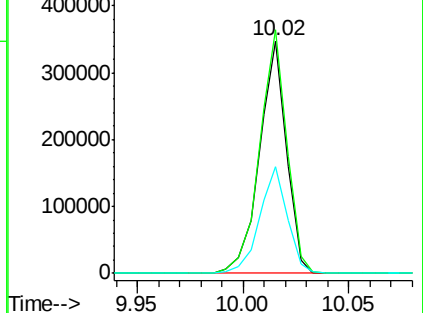
160 45.9 38.3 57.5



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: 39.398 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion:216 Resp: 347160

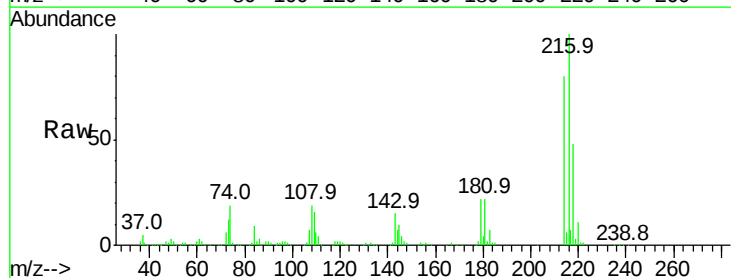
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.5 18.1 27.1

108 23.1 17.2 25.8

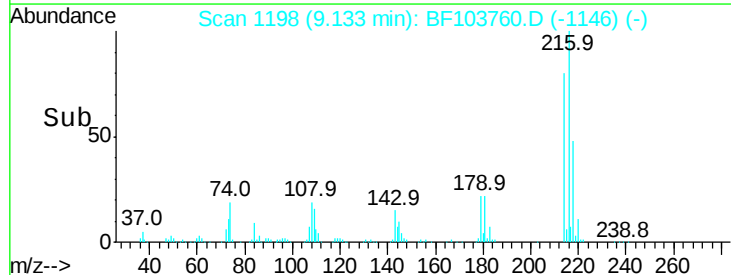
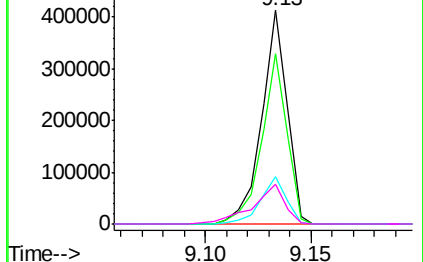


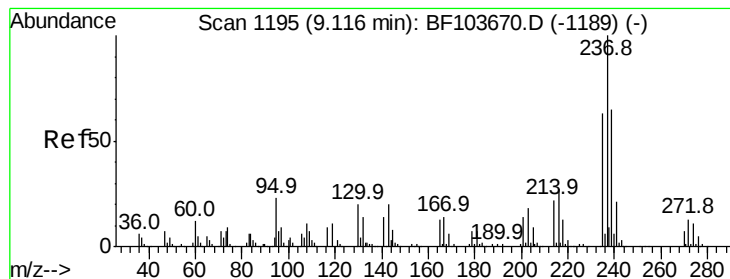
Abundance Ion 216.00 (215.70 to 216.70): E

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





#40

Hexachlorocyclopentadiene

Concen: 93.527 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

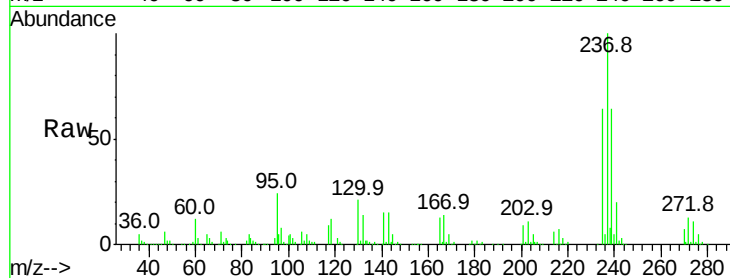
Tot Ion:237 Resp: 425255

Ion Ratio Lower Upper

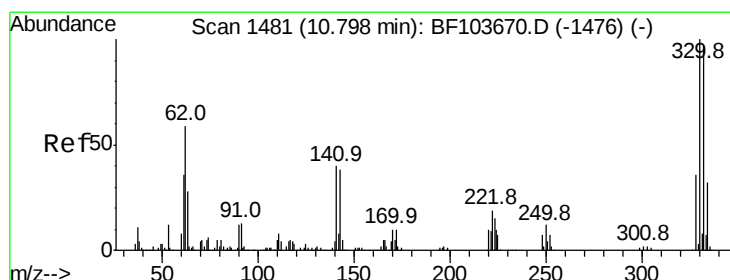
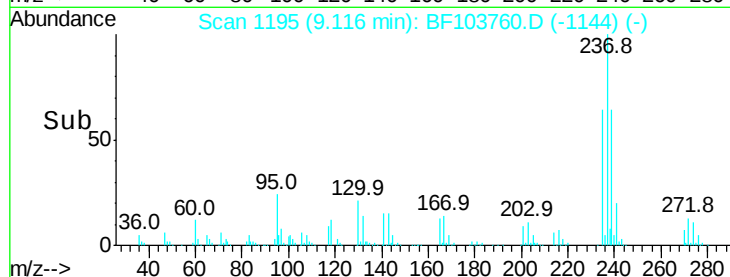
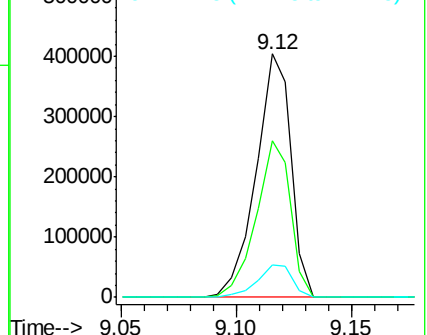
237 100

235 64.1 44.8 84.8

272 13.2 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 138.436 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

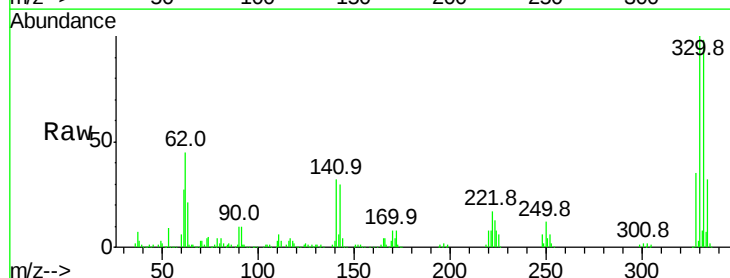
Tgt Ion:330 Resp: 367640

Ion Ratio Lower Upper

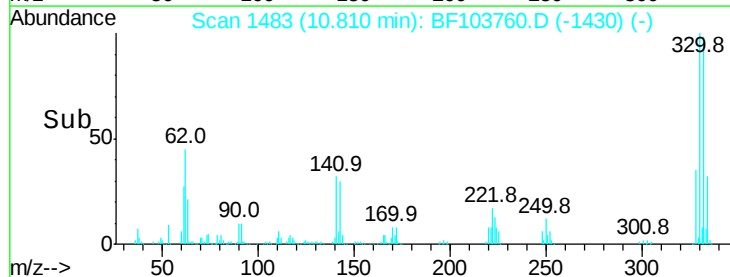
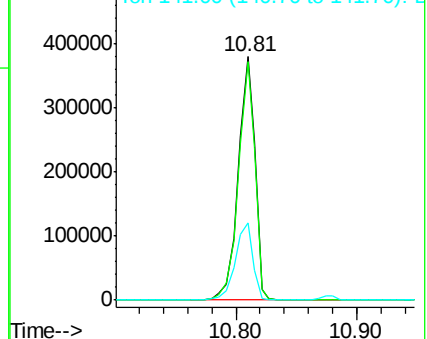
330 100

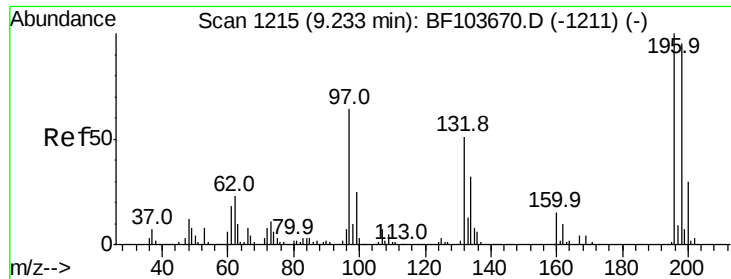
332 96.8 77.0 115.6

141 33.5 29.9 44.9



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

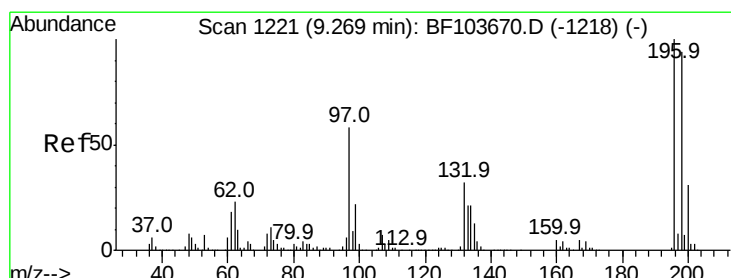
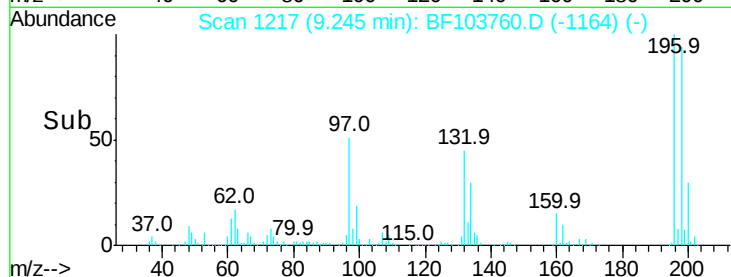
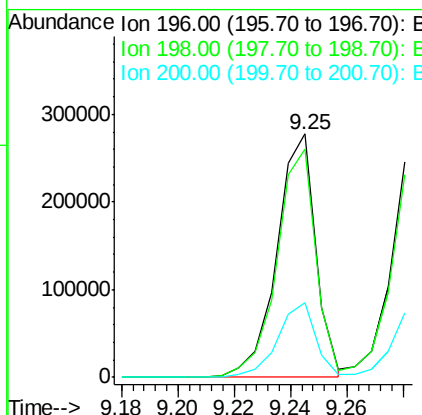
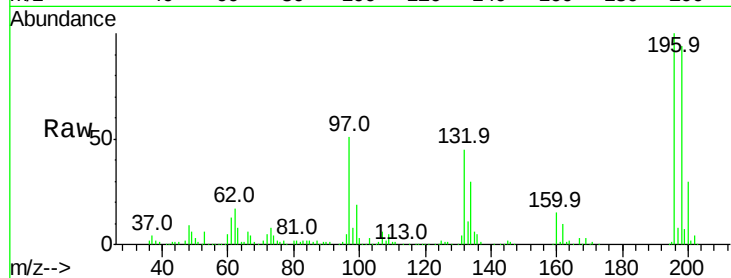




#42
2,4,6-Trichlorophenol
Concen: 47.023 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

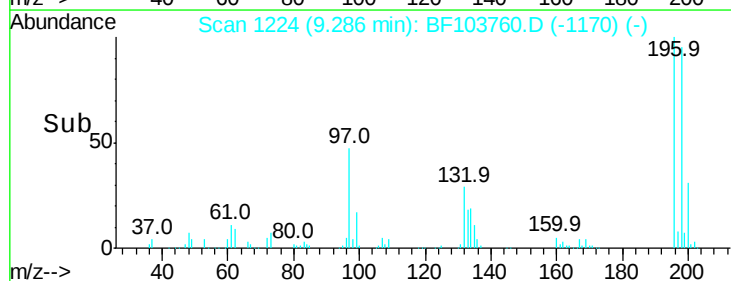
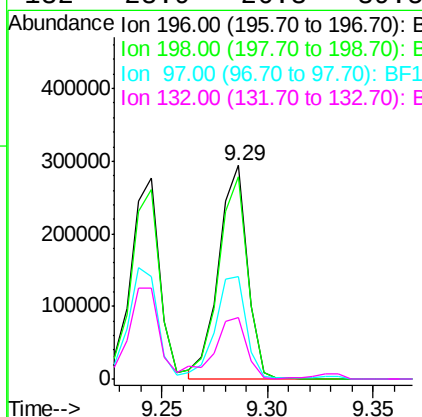
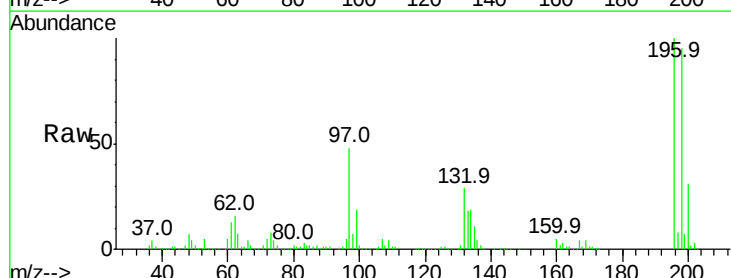
Instrument :
BNA_F
ClientSampled :

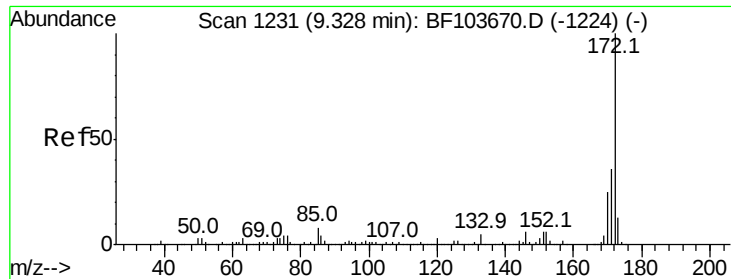
Tot Ion:196 Resp: 265032
Ion Ratio Lower Upper
196 100
198 93.8 75.7 113.5
200 30.5 24.5 36.7



#43
2,4,5-Trichlorophenol
Concen: 43.578 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion:196 Resp: 277222
Ion Ratio Lower Upper
196 100
198 94.9 74.6 112.0
97 47.7 42.9 64.3
132 28.9 26.3 39.5

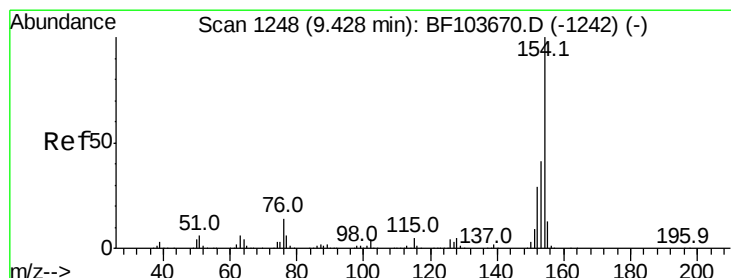
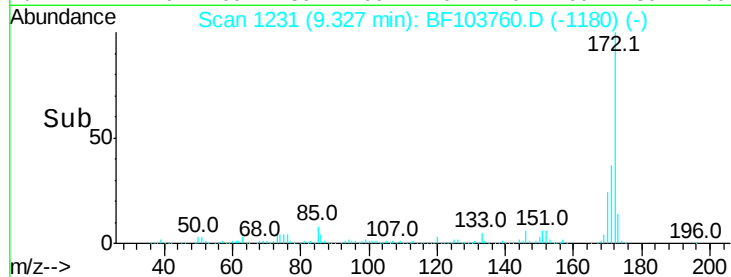
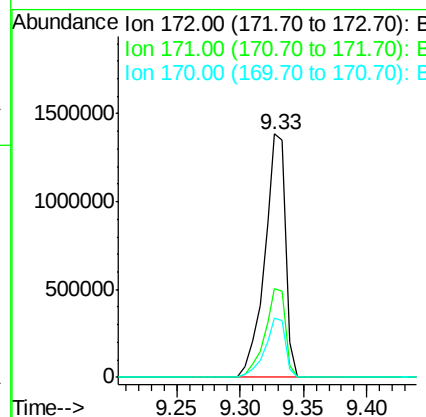
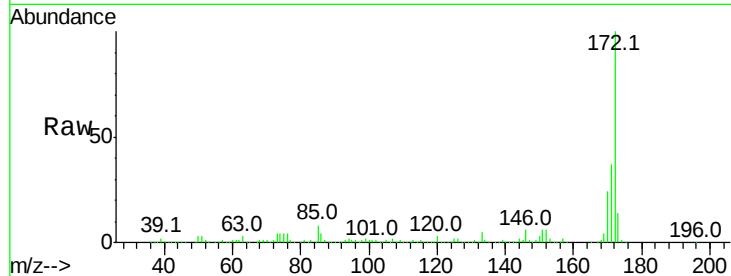




#44
2-Fluorobiphenyl
Concen: 82.091 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

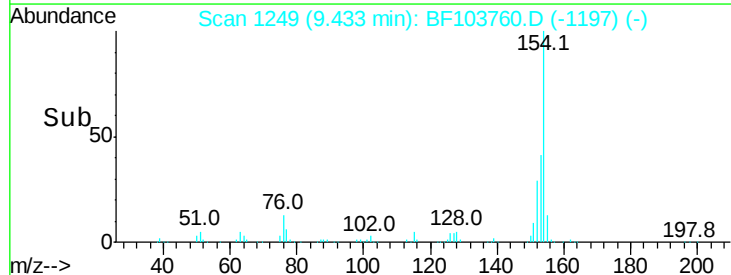
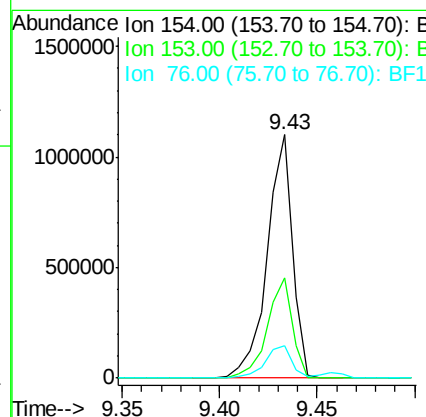
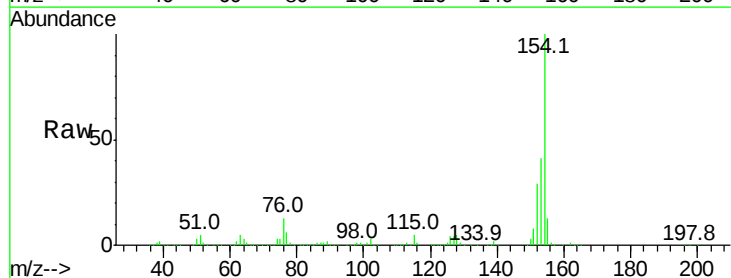
Instrument :
BNA_F
ClientSampleId :

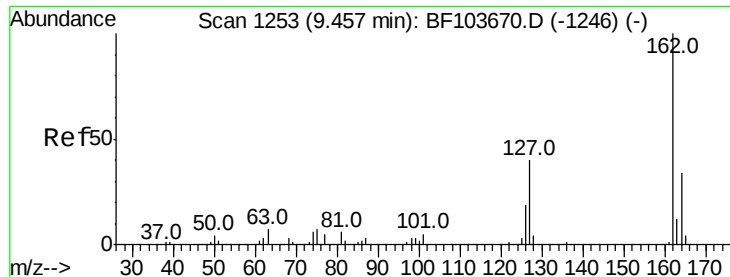
Tot Ion:172 Resp: 1589536
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.6 29.4



#45
1,1'-Biphenyl
Concen: 38.304 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion:154 Resp: 986531
Ion Ratio Lower Upper
154 100
153 41.3 21.3 61.3
76 13.4 0.0 34.0

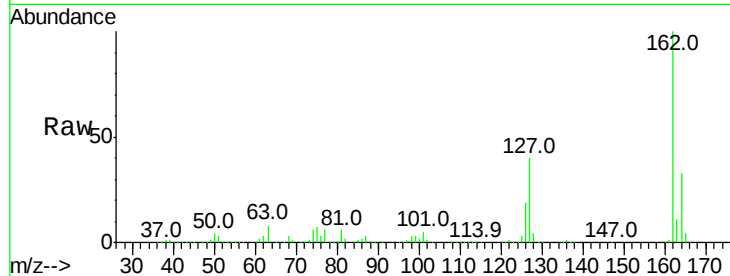




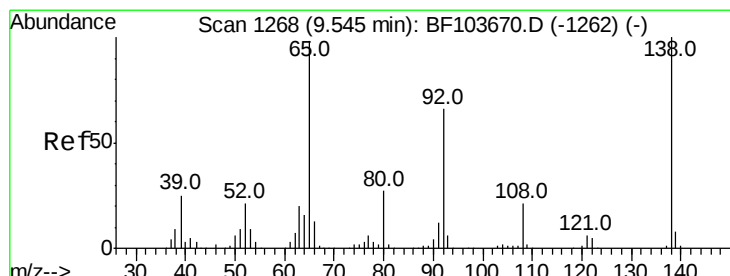
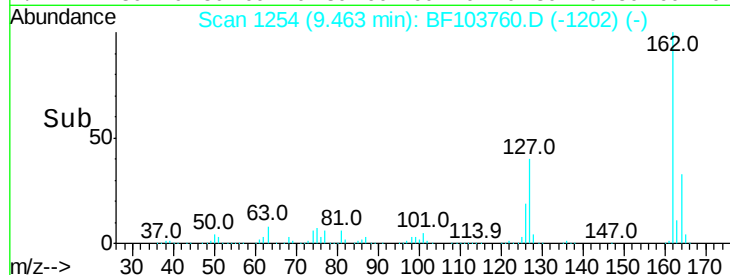
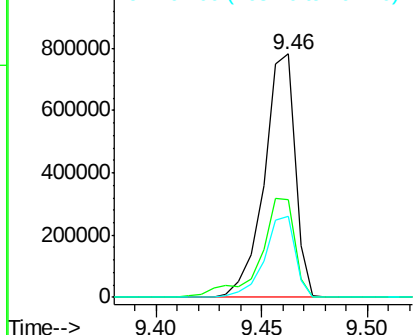
#46
 2-Chloronaphthalene
 Concen: 39.036 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	33.3	26.5	39.7

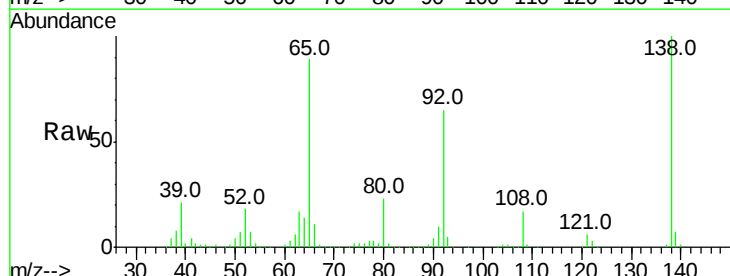


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

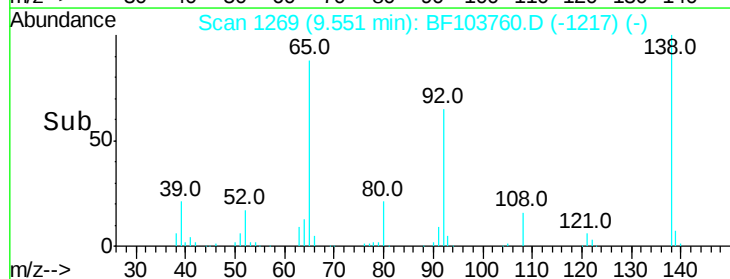
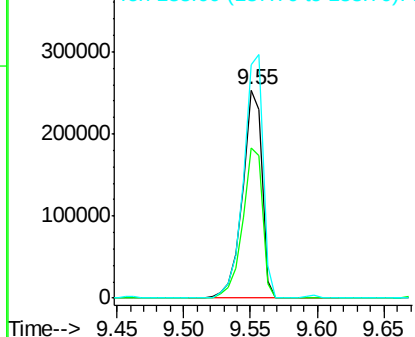


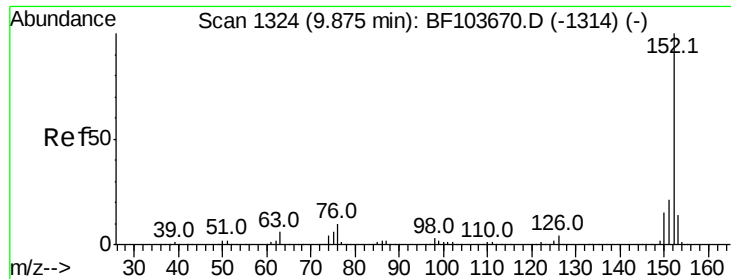
#47
 2-Nitroaniline
 Concen: 47.758 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	55.8	83.6
138	111.9	91.2	136.8



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





#48

Acenaphthylene

Concen: 38.348 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

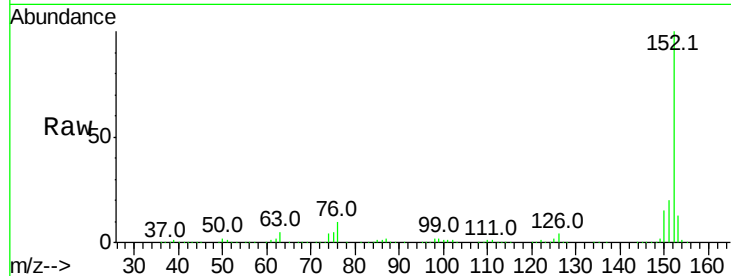
Tot Ion:152 Resp: 1216441

Ion Ratio Lower Upper

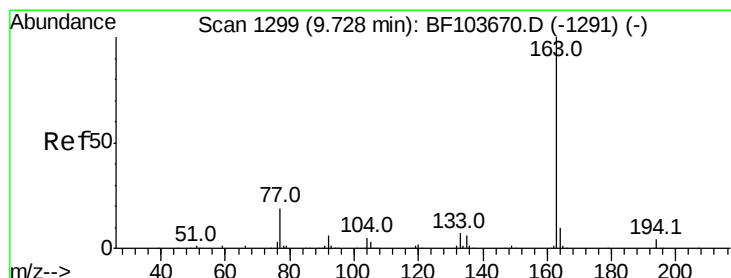
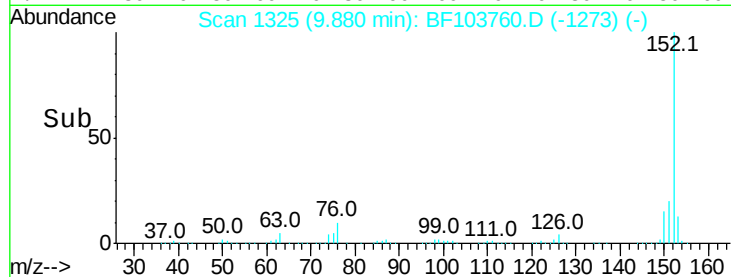
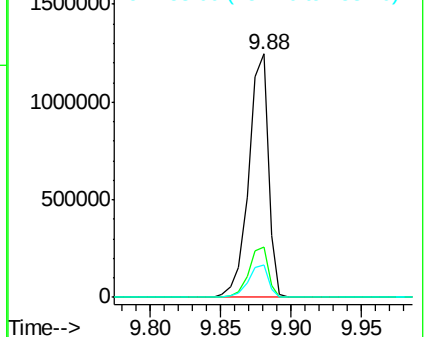
152 100

151 20.5 16.3 24.5

153 13.2 10.7 16.1



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



#49

Dimethylphthalate

Concen: 40.398 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

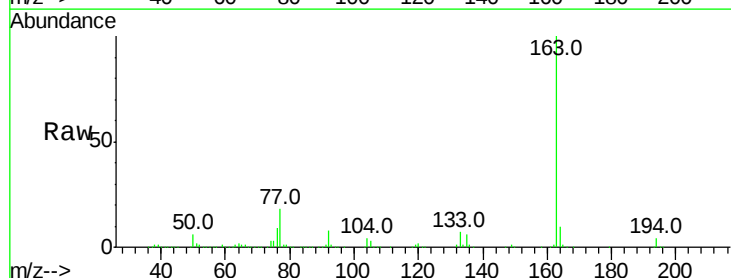
Tgt Ion:163 Resp: 951988

Ion Ratio Lower Upper

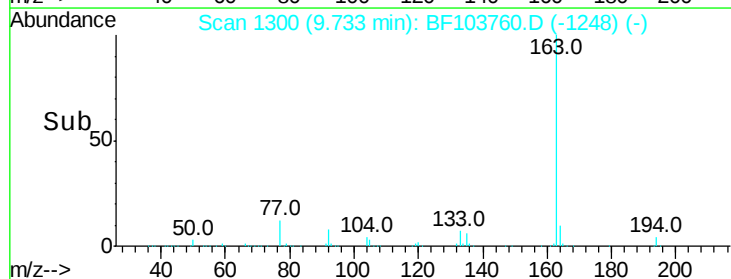
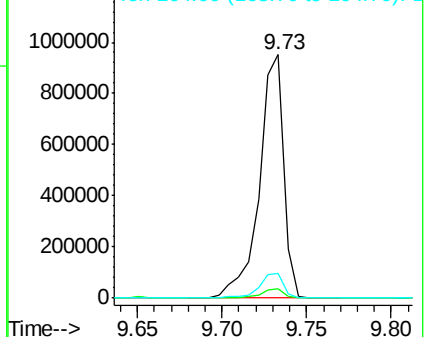
163 100

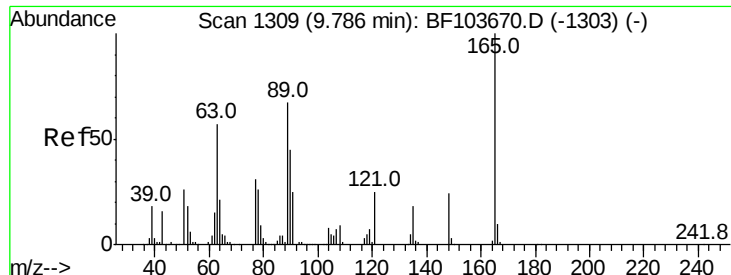
194 3.7 2.7 4.1

164 9.9 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

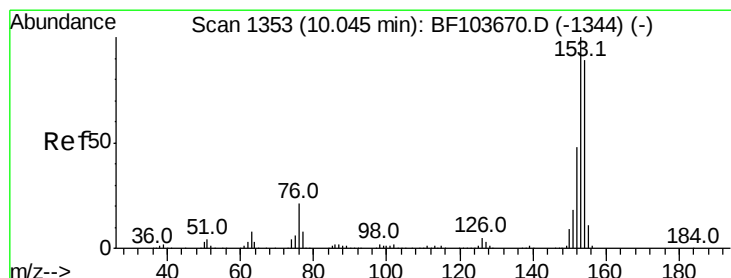
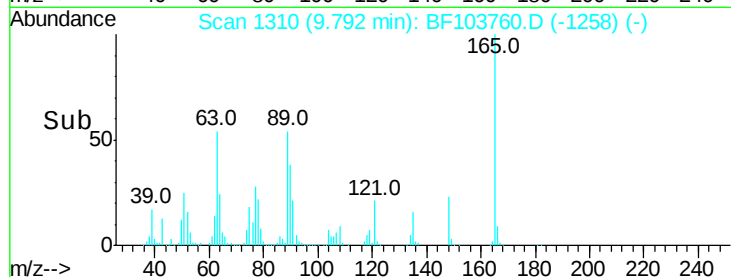
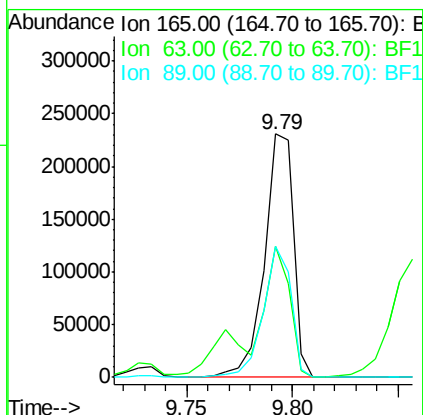
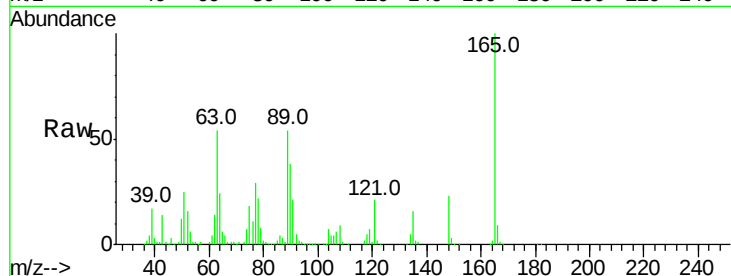




#50
2,6-Dinitrotoluene
Concen: 48.223 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

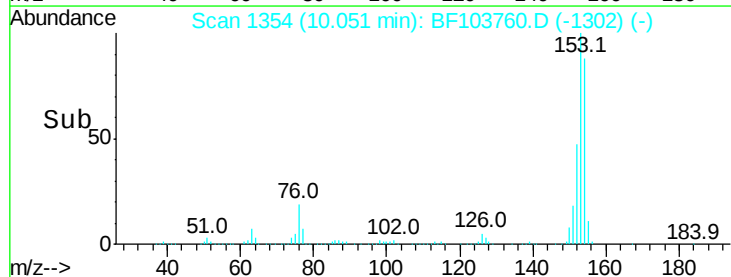
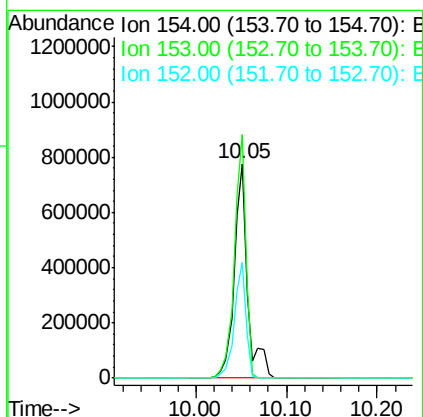
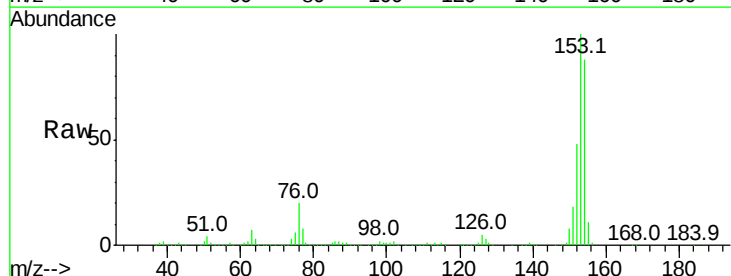
Instrument :
BNA_F
ClientSampleId :

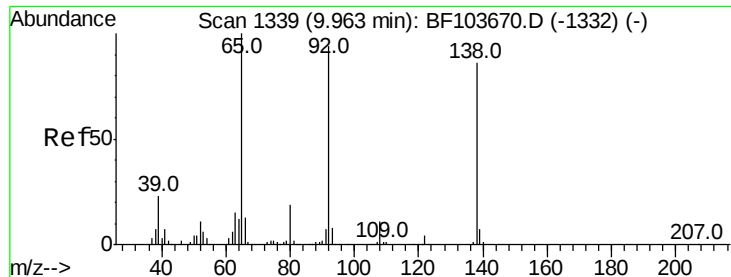
Tot Ion:165 Resp: 219920
Ion Ratio Lower Upper
165 100
63 53.7 44.7 67.1
89 53.9 44.0 66.0



#51
Acenaphthene
Concen: 42.851 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion:154 Resp: 807108
Ion Ratio Lower Upper
154 100
153 113.4 91.2 136.8
152 53.9 43.8 65.8

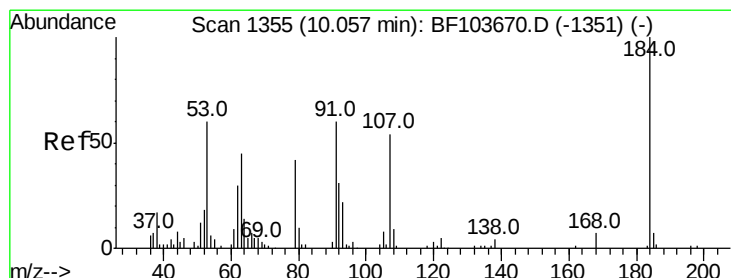
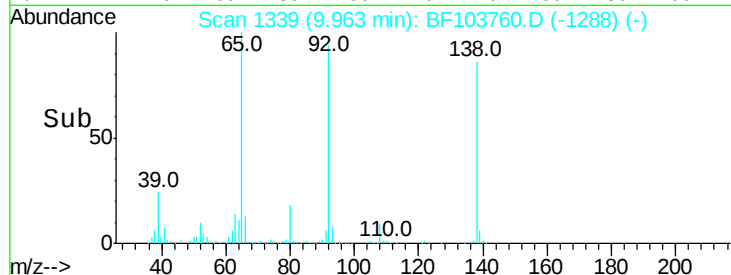
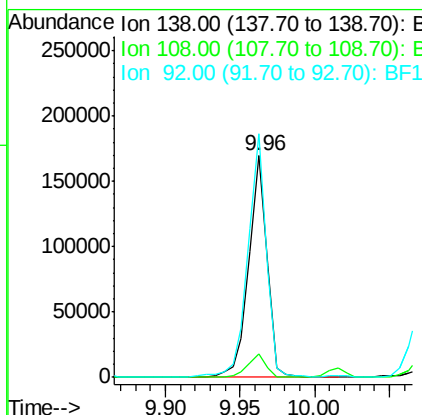
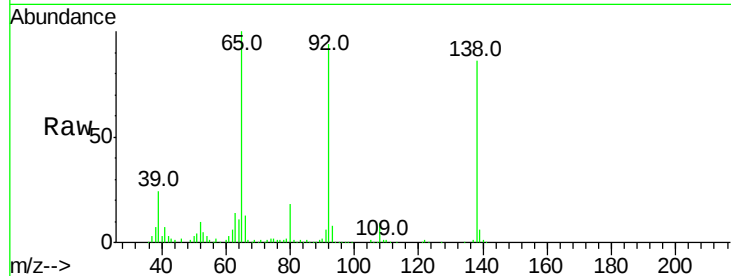




#52
3-Nitroaniline
Concen: 28.110 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

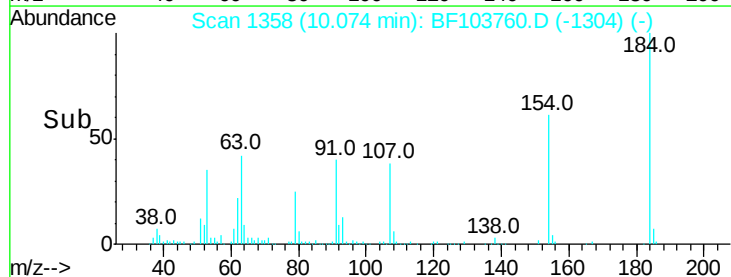
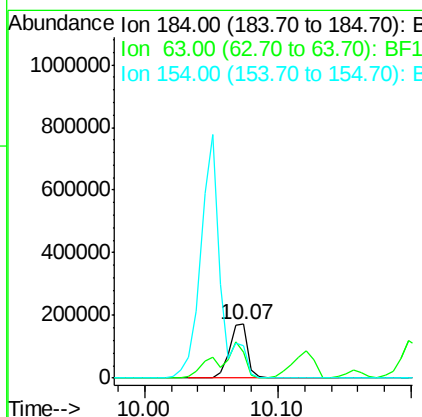
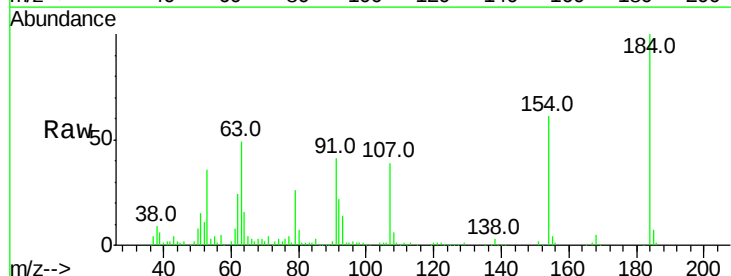
Instrument :
BNA_F
ClientSampleId :

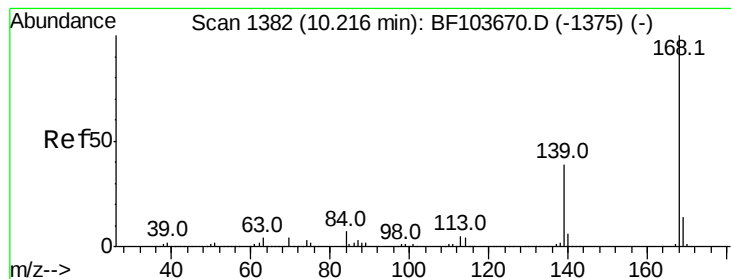
Tot Ion:138 Resp: 144192
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 109.8 89.4 134.2



#53
2,4-Dinitrophenol
Concen: 98.832 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion:184 Resp: 164701
Ion Ratio Lower Upper
184 100
63 48.9 54.2 81.2#
154 60.7 184.0 276.0#





#54

Dibenzenofuran

Concen: 40.447 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

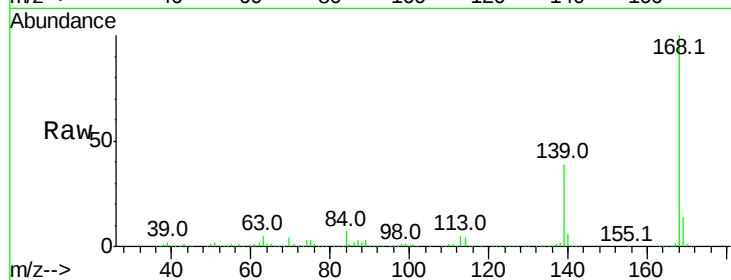
Tot Ion:168 Resp: 1088066

Ion Ratio Lower Upper

168 100

139 38.9 30.1 45.1

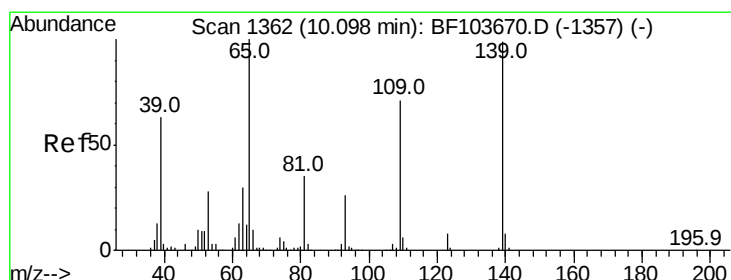
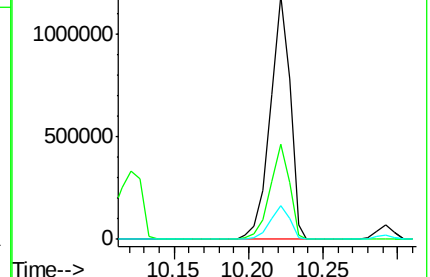
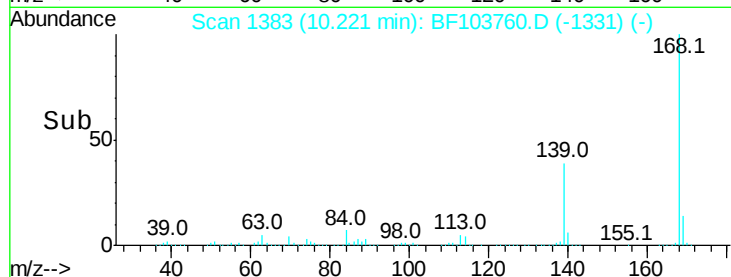
169 14.0 10.9 16.3



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: 92.500 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.02 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

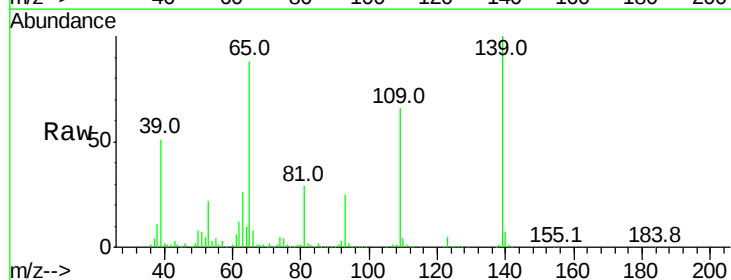
Tgt Ion:139 Resp: 402651

Ion Ratio Lower Upper

139 100

109 66.0 48.4 88.4

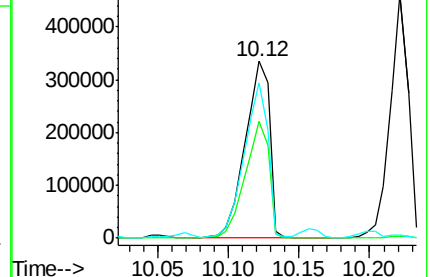
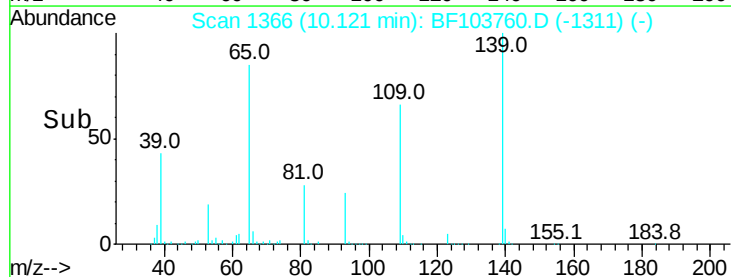
65 88.0 72.6 112.6

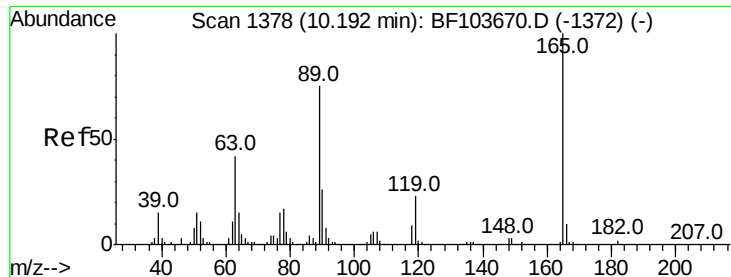


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

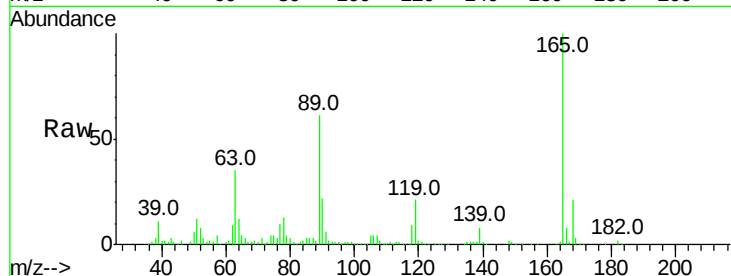




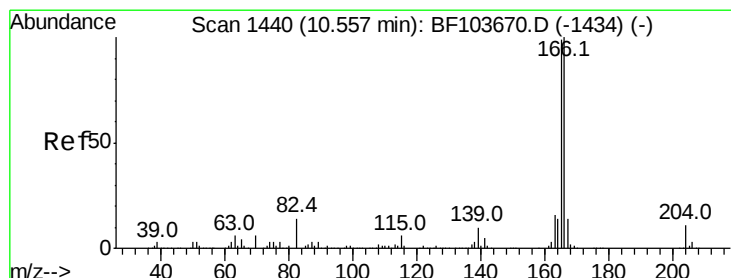
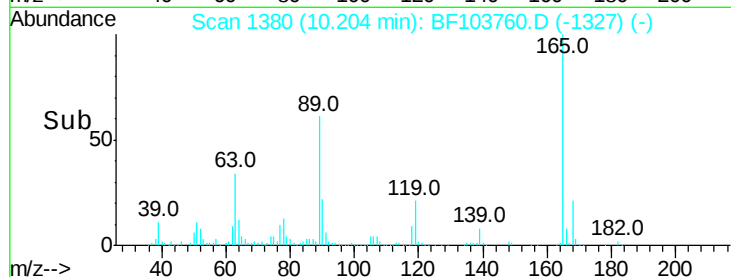
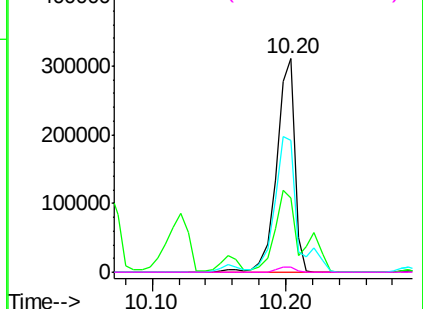
#56
2,4-Dinitrotoluene
Concen: 51.151 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 298117
Ion Ratio Lower Upper
165 100
63 34.7 36.4 54.6#
89 61.4 57.8 86.6
182 2.3 1.6 2.4

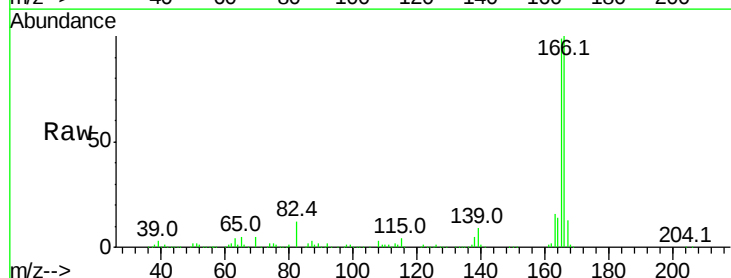


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

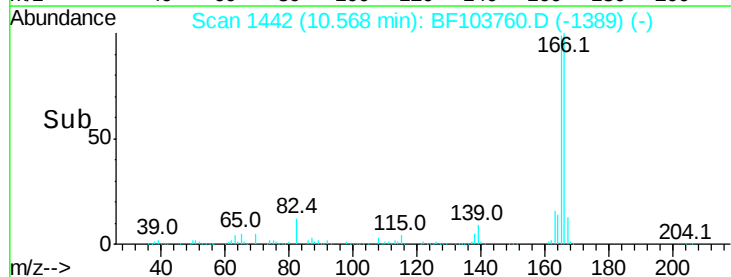
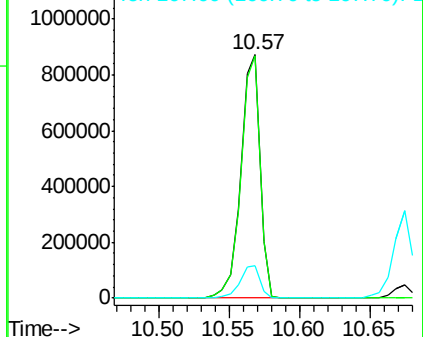


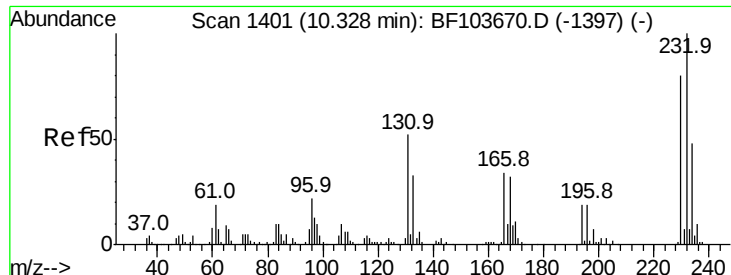
#57
Fluorene
Concen: 39.444 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion:166 Resp: 823365
Ion Ratio Lower Upper
166 100
165 99.4 79.8 119.8
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

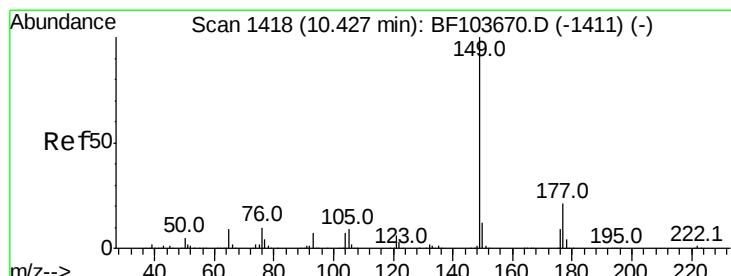
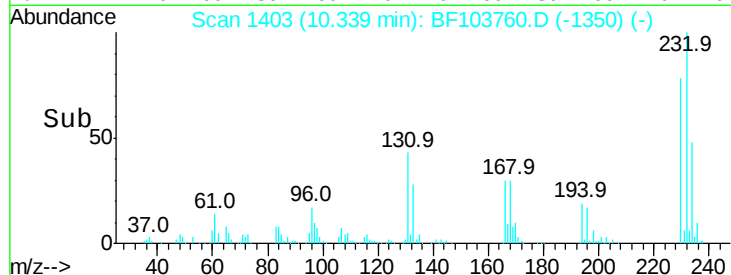
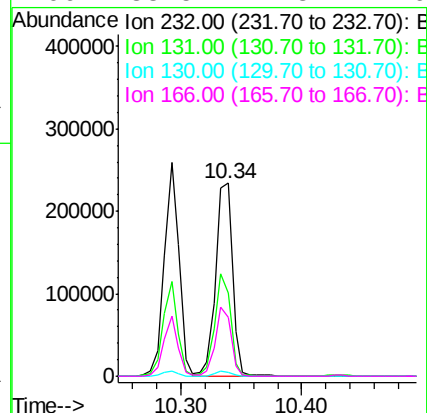
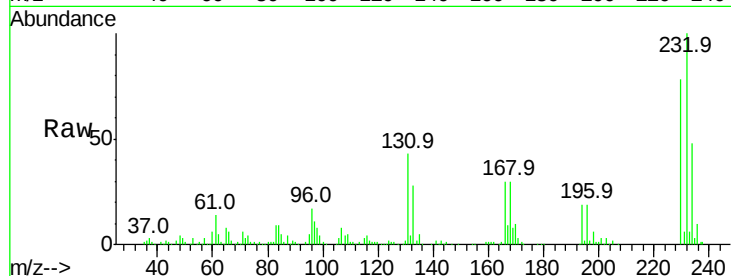




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.150 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

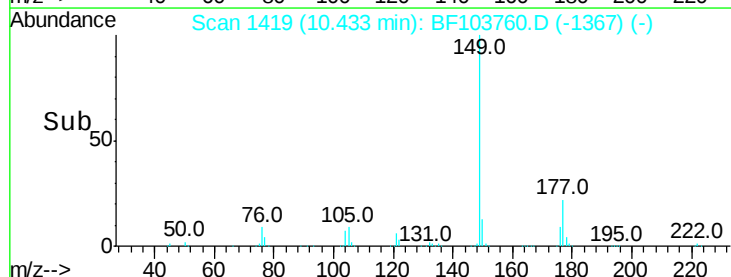
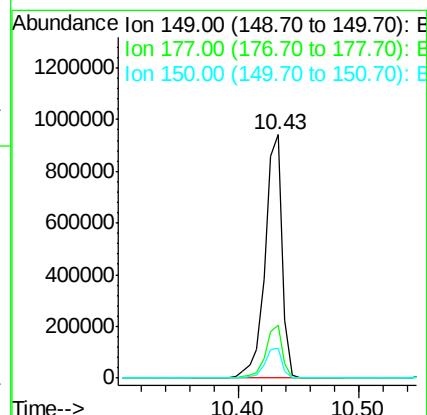
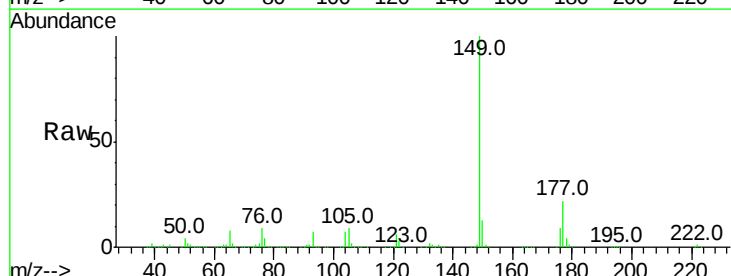
Instrument :
 BNA_F
 ClientSampleId :

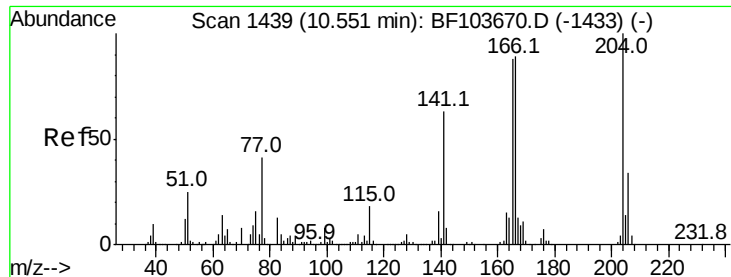
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.9	43.8	65.8
130	2.6	2.1	3.1
166	33.5	27.8	41.6



#59
 Diethylphthalate
 Concen: 39.536 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.5	10.1	15.1

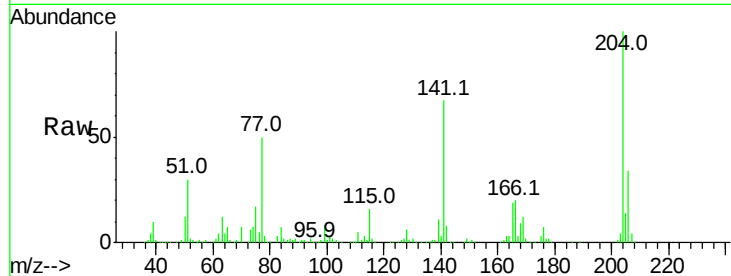




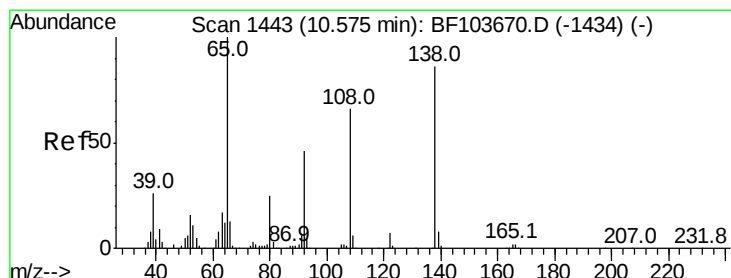
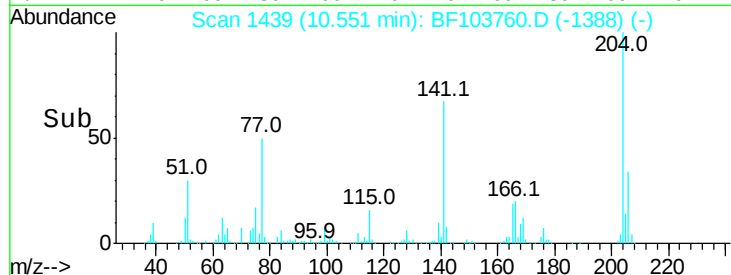
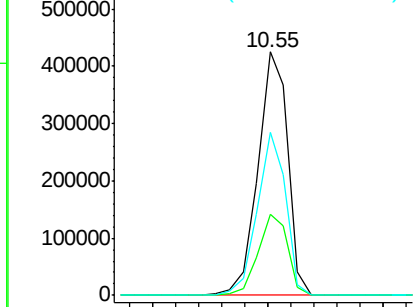
#60
4-Chlorophenyl-phenylether
Concen: 40.005 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 381639
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 66.8 54.6 81.8

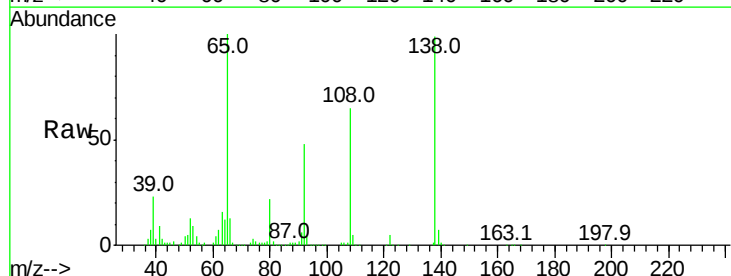


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

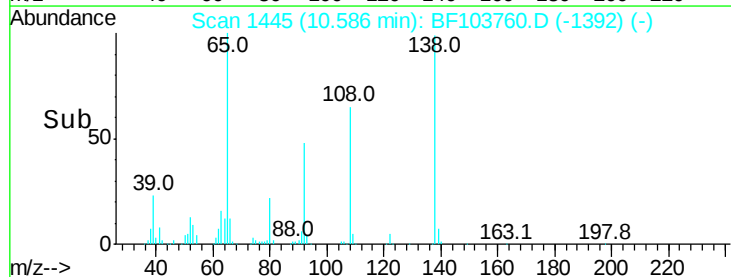
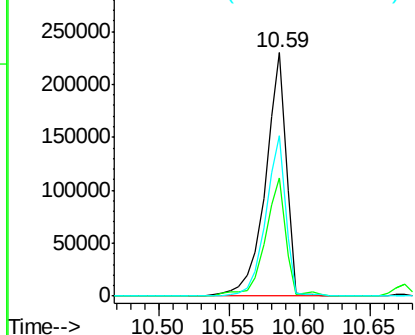


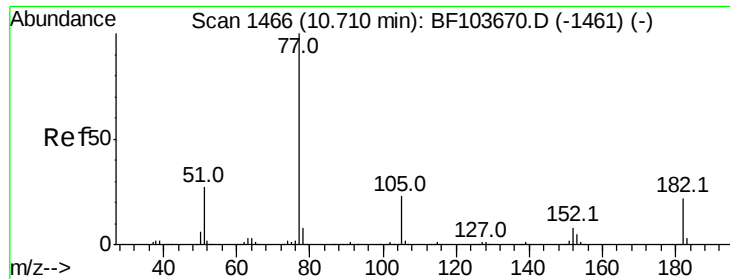
#61
4-Nitroaniline
Concen: 45.695 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion:138 Resp: 239246
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 66.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 37.551 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 892925

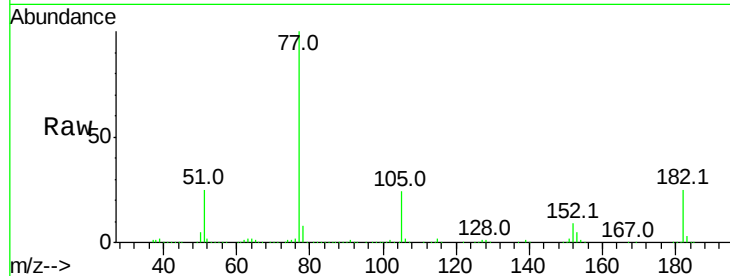
Ion	Ratio	Lower	Upper
77	100		
182	24.6	1.7	41.7
105	24.0	3.0	43.0
51	25.3	9.9	49.9

77 100

182 24.6 1.7 41.7

105 24.0 3.0 43.0

51 25.3 9.9 49.9

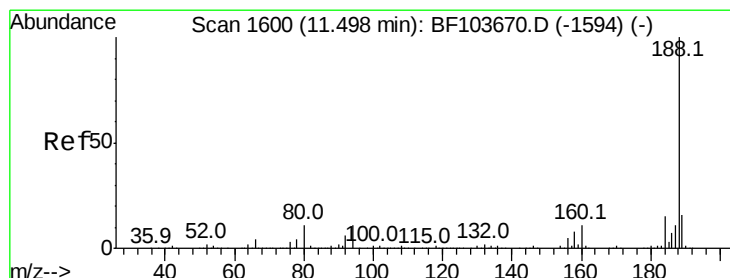
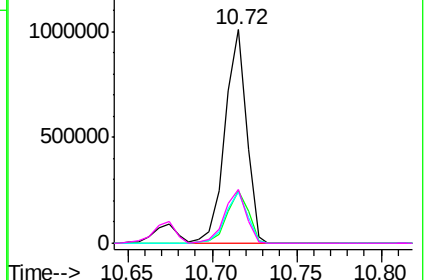
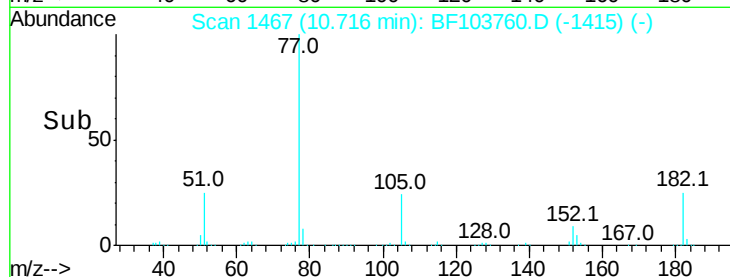


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

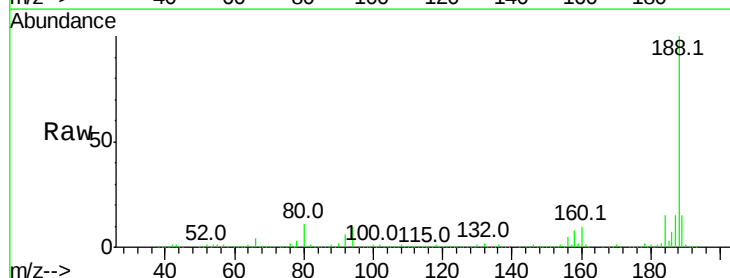
Tgt Ion: 188 Resp: 569801

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.2	9.2	13.8

188 100

94 10.0 8.5 12.7

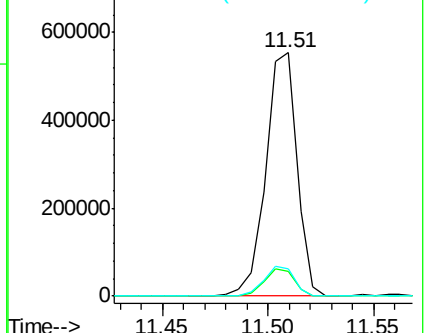
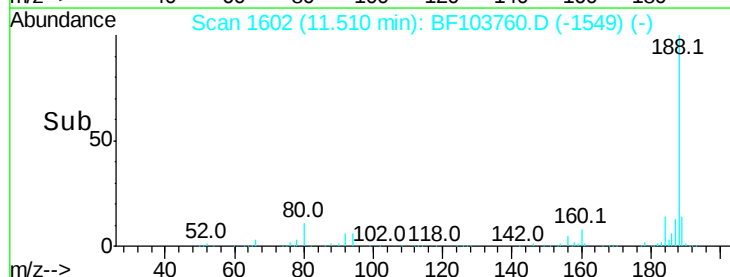
80 11.2 9.2 13.8

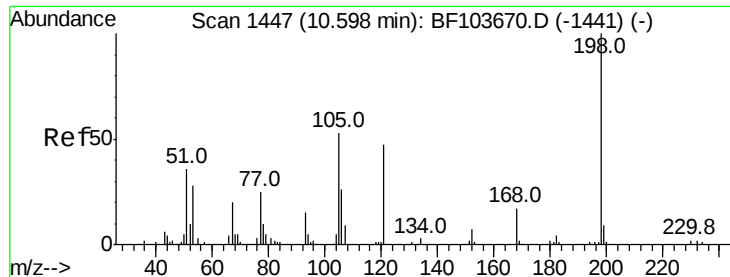


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

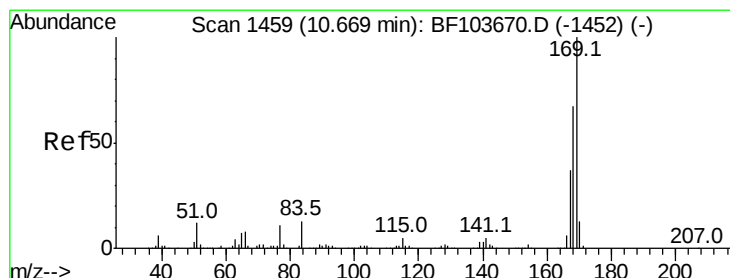
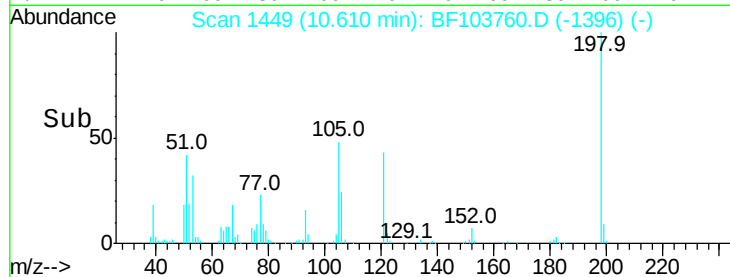
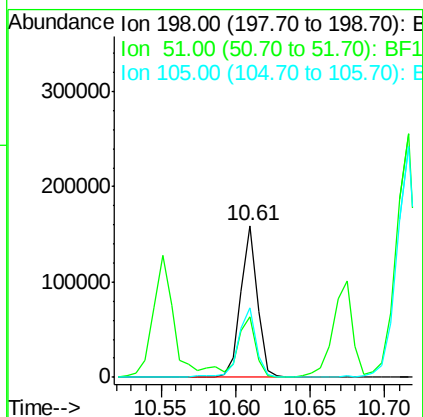
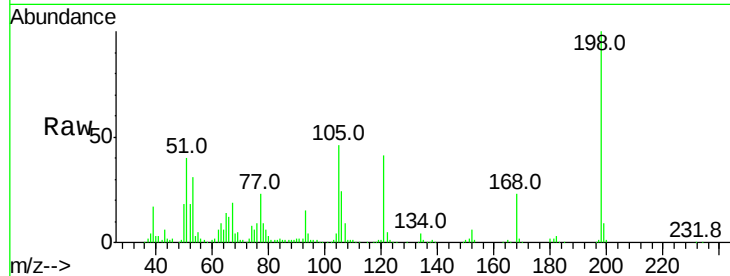




#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.351 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

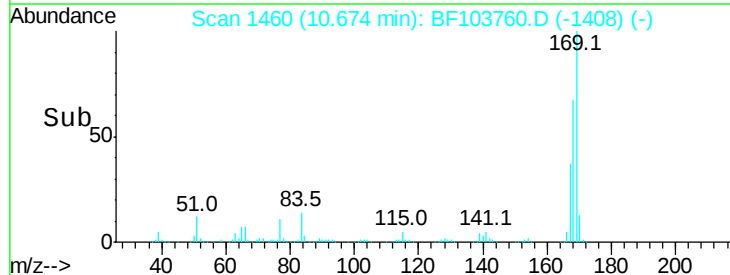
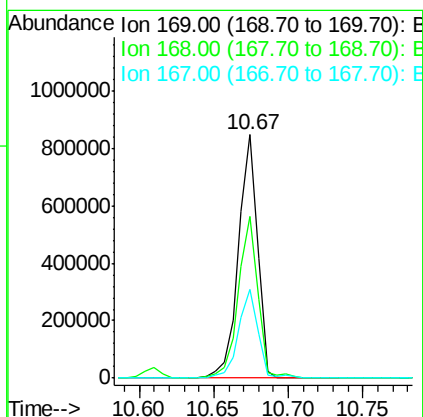
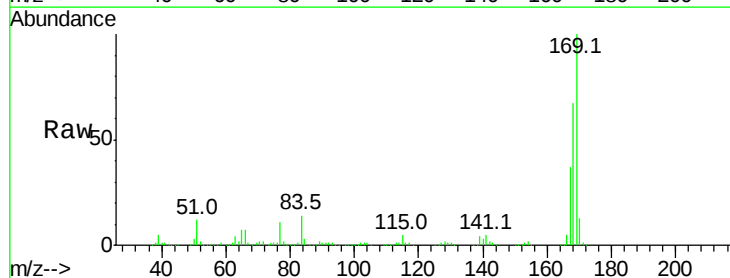
Instrument :
 BNA_F
 ClientSampleId :

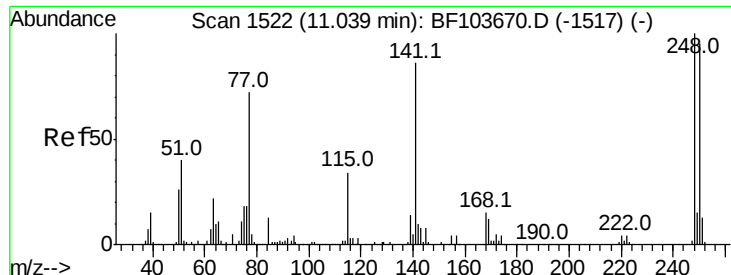
Tot Ion:198 Resp: 124594
 Ion Ratio Lower Upper
 198 100
 51 40.4 37.7 77.7
 105 45.7 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 39.358 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion:169 Resp: 763356
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.4 81.6
 167 36.7 29.8 44.6

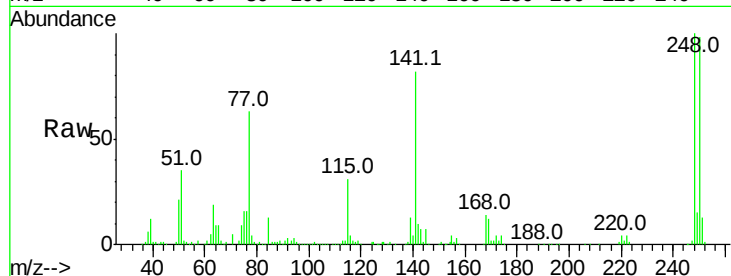




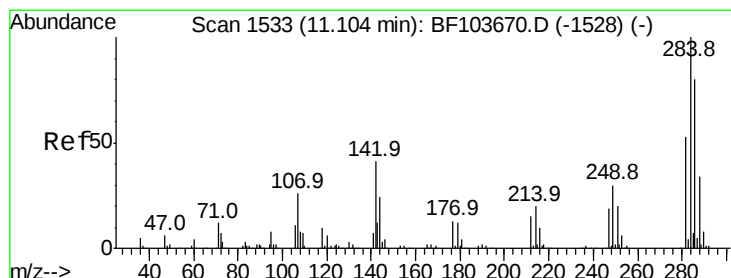
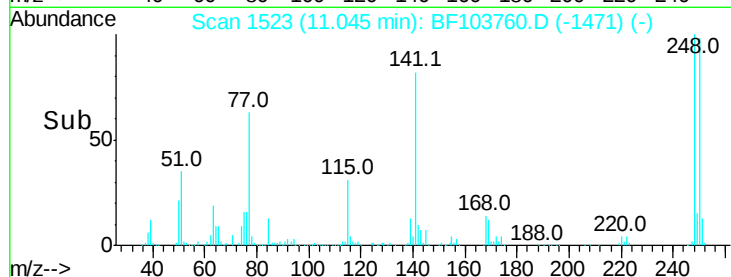
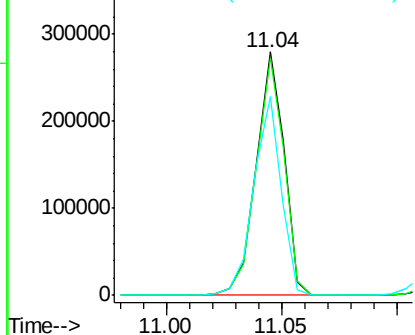
#66
4-Bromophenyl-phenylether
Concen: 40.580 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 237408
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 81.6 74.4 111.6

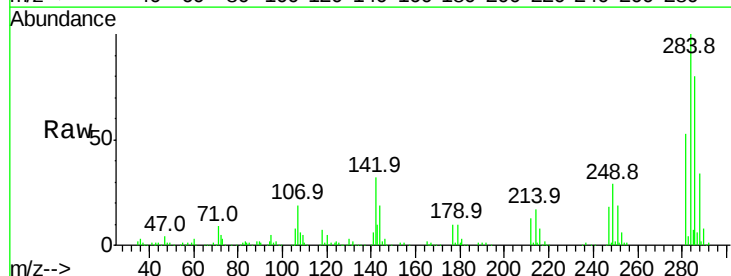


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

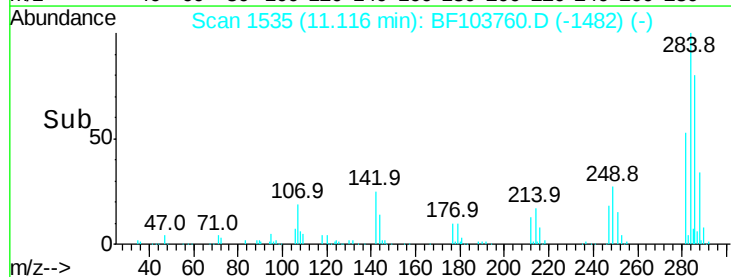
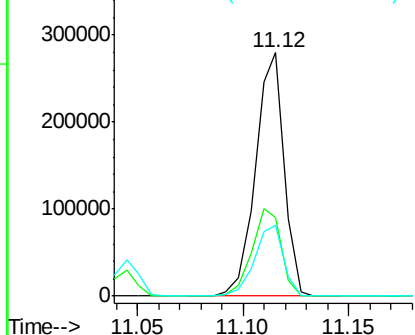


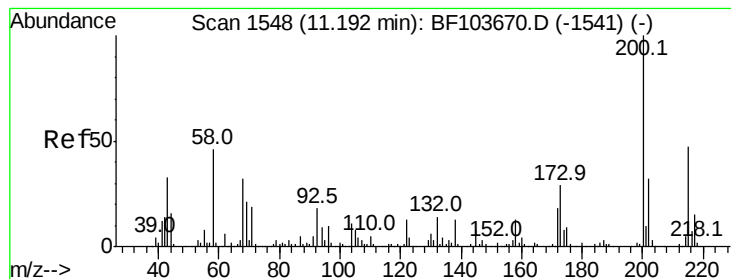
#67
Hexachlorobenzene
Concen: 39.332 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion:284 Resp: 262628
Ion Ratio Lower Upper
284 100
142 32.3 34.6 52.0#
249 29.3 24.8 37.2



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





#68

Atrazine

Concen: 41.288 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

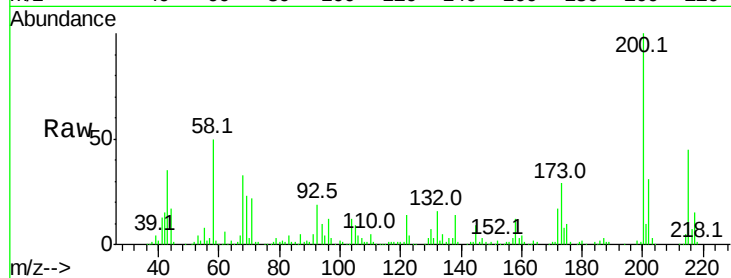
Tot Ion:200 Resp: 247712

Ion Ratio Lower Upper

200 100

173 28.6 8.6 48.6

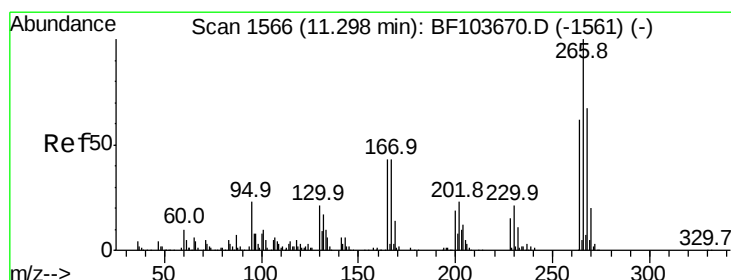
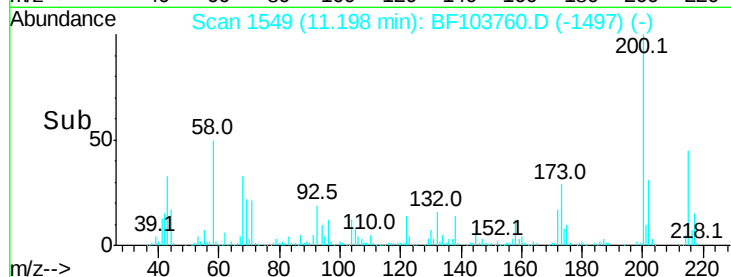
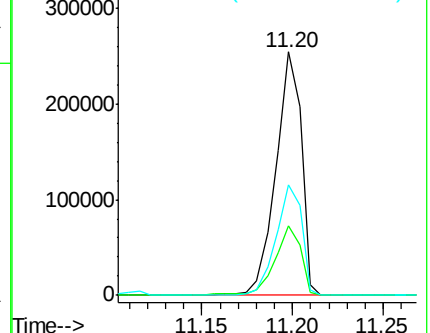
215 45.3 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 73.017 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

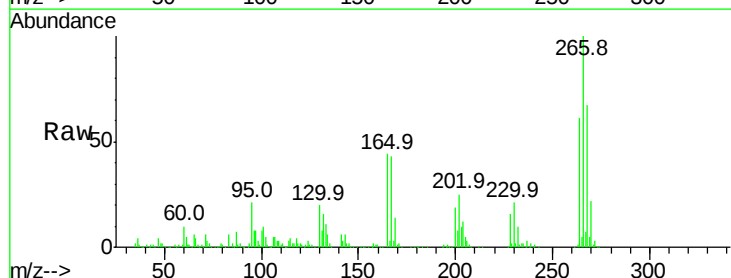
Tgt Ion:266 Resp: 280299

Ion Ratio Lower Upper

266 100

268 67.4 51.1 76.7

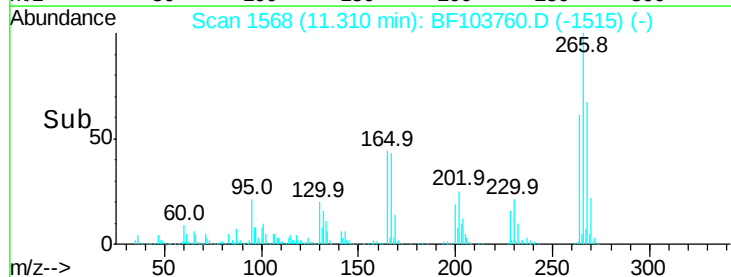
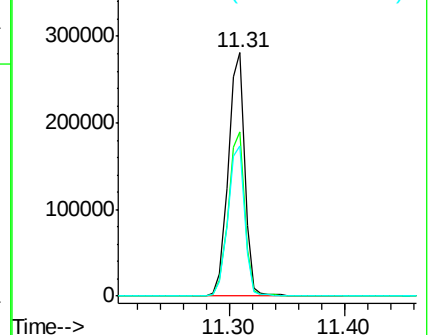
264 61.5 49.5 74.3

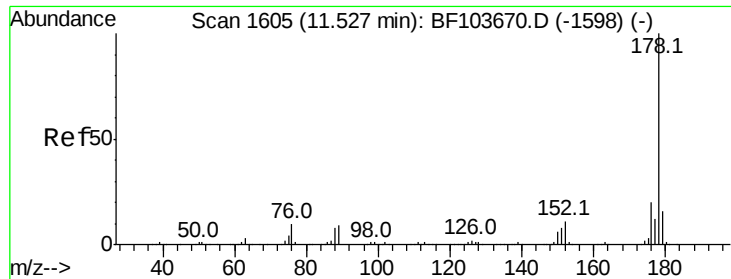


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

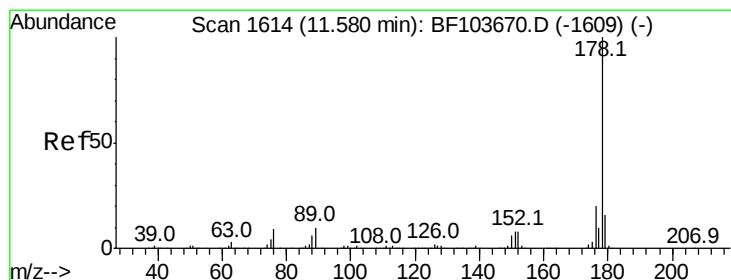
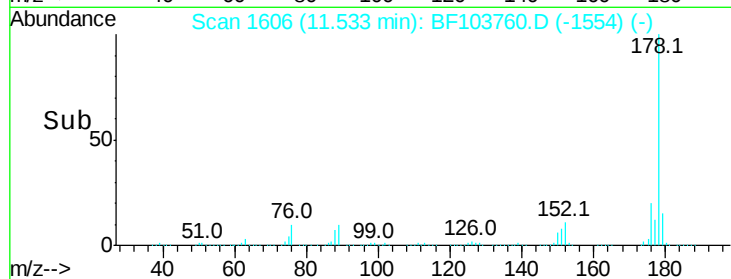
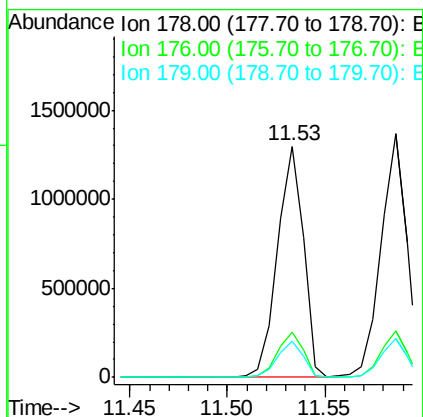
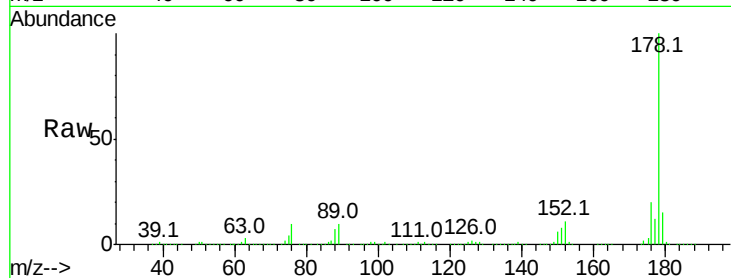




#70
 Phenanthrene
 Concen: 38.508 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

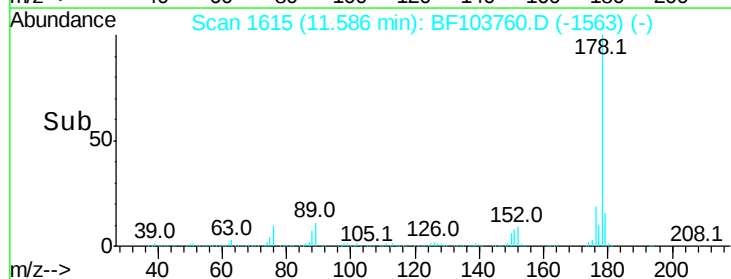
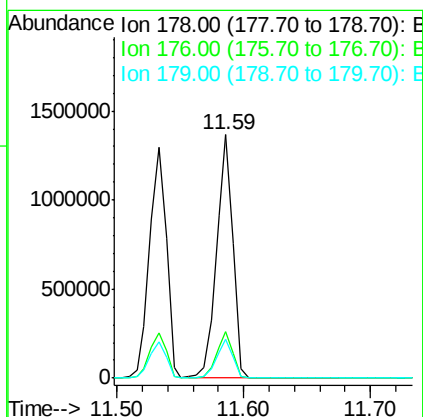
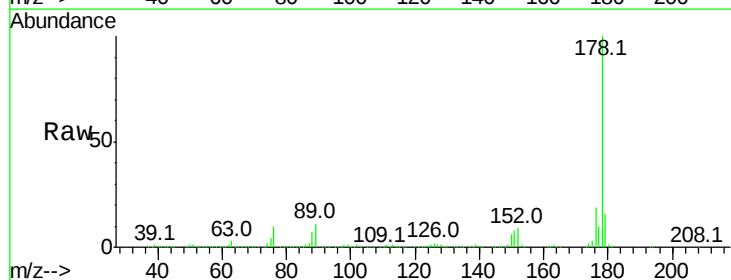
Instrument :
 BNA_F
 ClientSampleId :

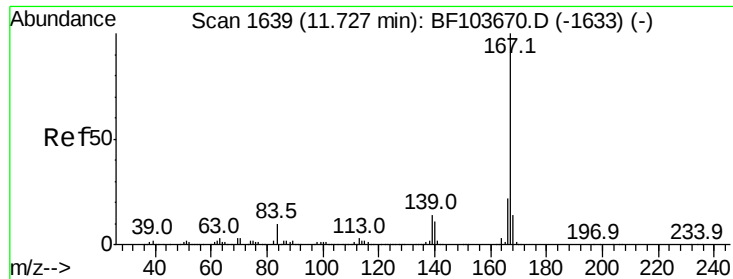
Tot Ion:178 Resp: 1200277
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6



#71
 Anthracene
 Concen: 39.045 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion:178 Resp: 1236064
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0



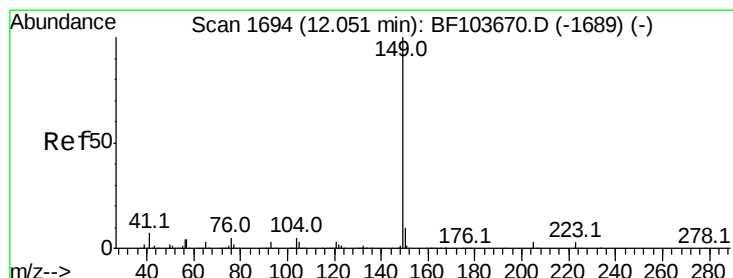
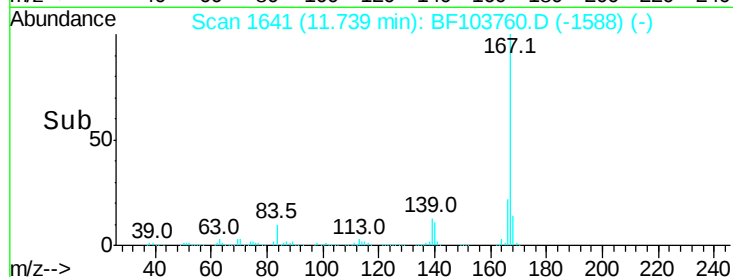
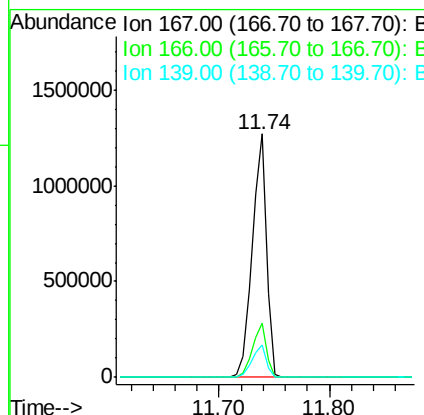
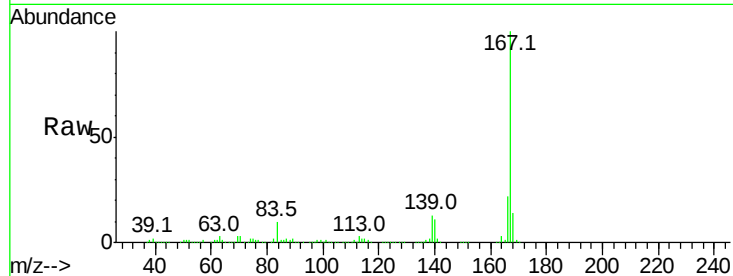


#72
 Carbazole
 Concen: 37.700 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1160008

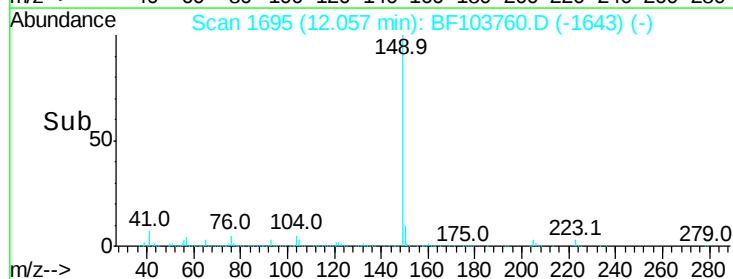
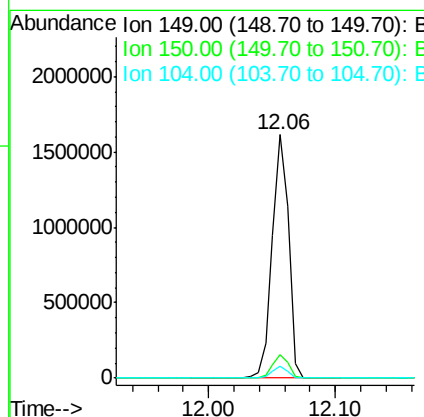
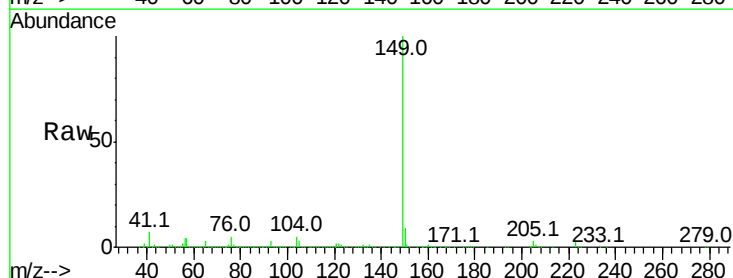
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.3	10.9	16.3

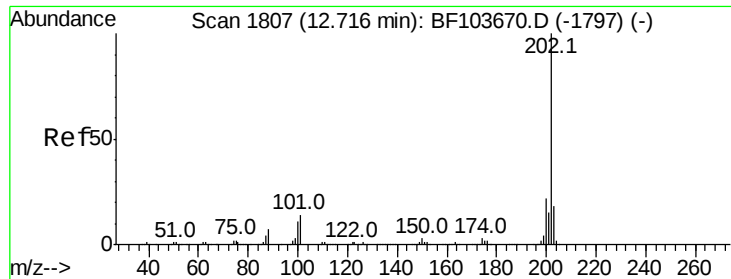


#73
 Di-n-butylphthalate
 Concen: 38.976 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion:149 Resp: 1439008

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.9	3.8	5.8



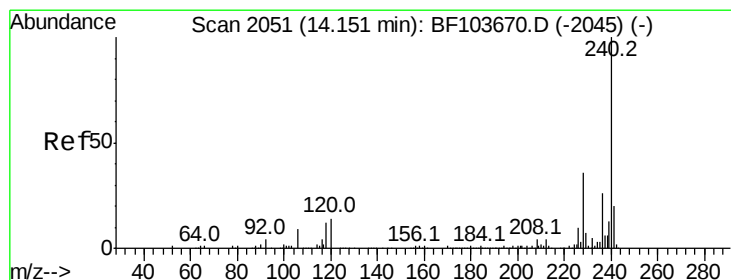
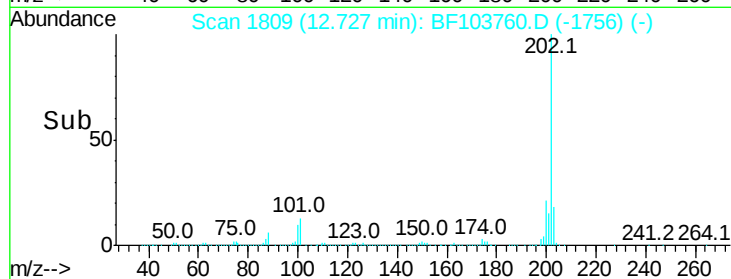
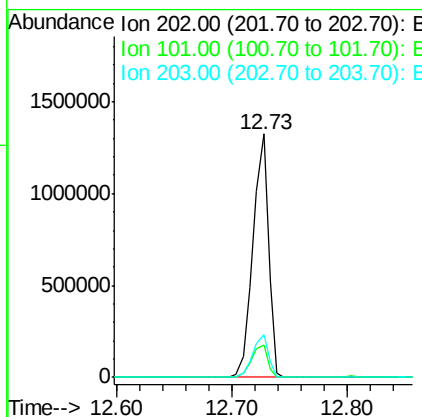
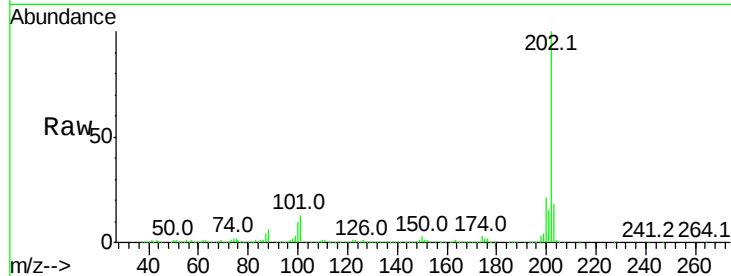


#74
 Fluoranthene
 Concen: 38.800 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1245920

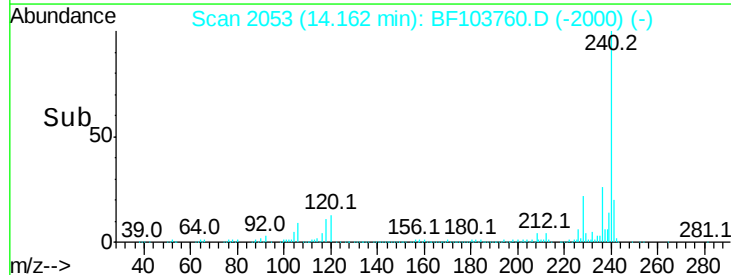
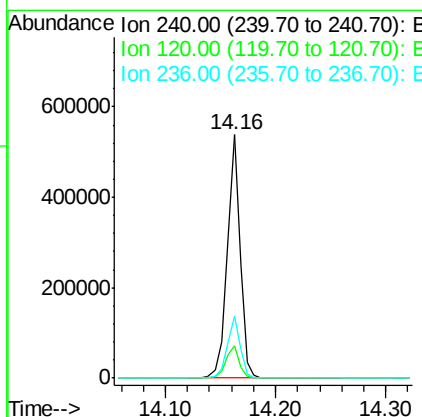
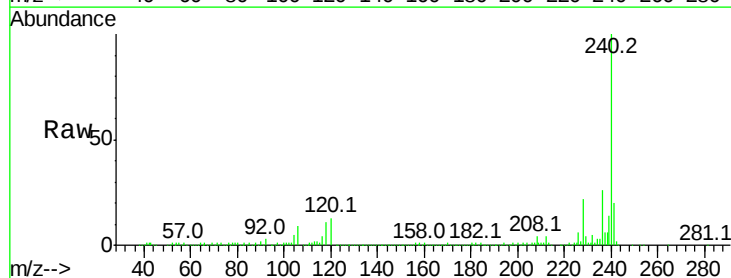
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.7	0.0	38.1

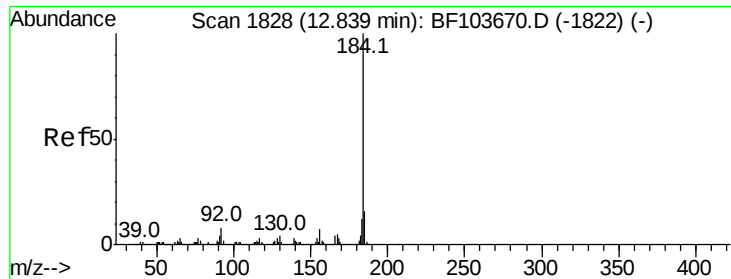


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion:240 Resp: 441046

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.6	20.7	31.1





#76

Benzidine

Concen: 23.745 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

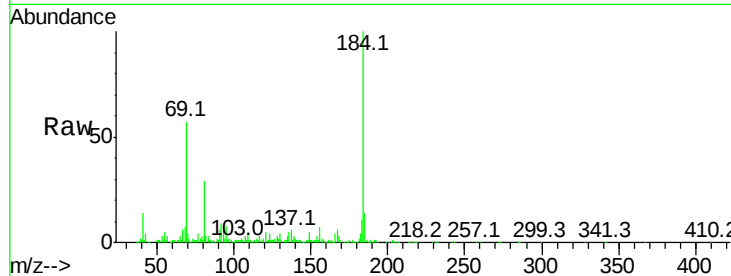
Tot Ion:184 Resp: 446658

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

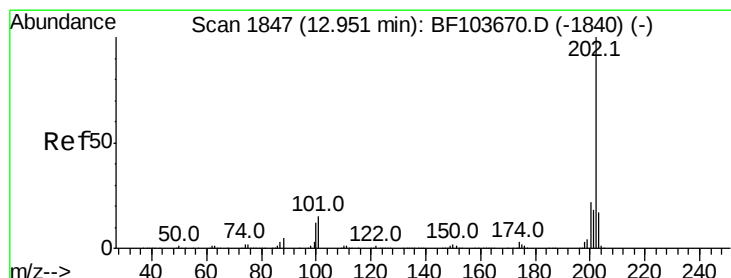
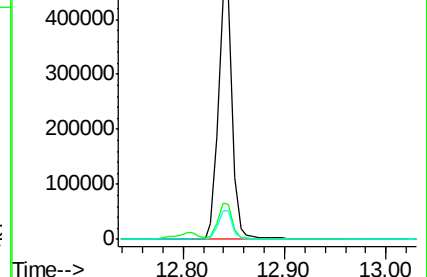
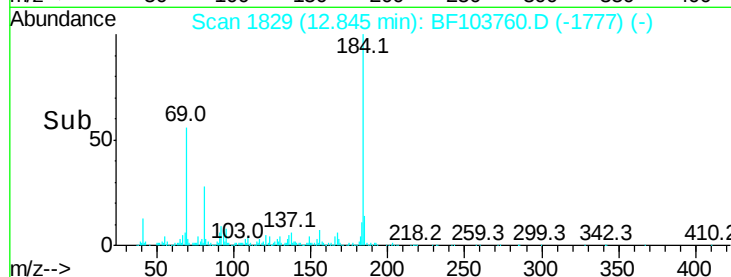
183 11.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 38.975 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

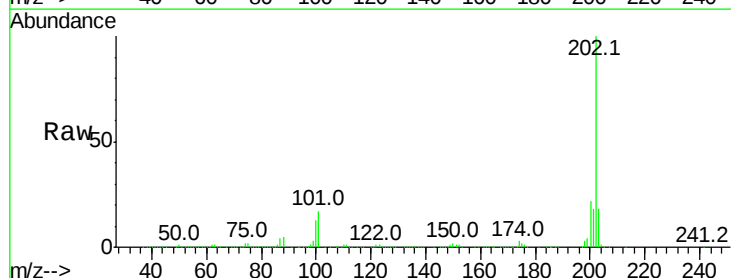
Tgt Ion:202 Resp: 1262395

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

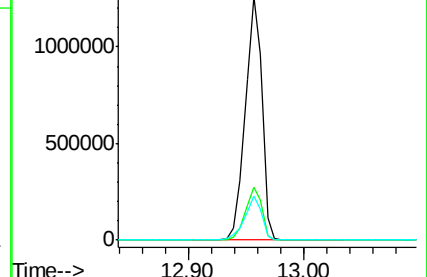
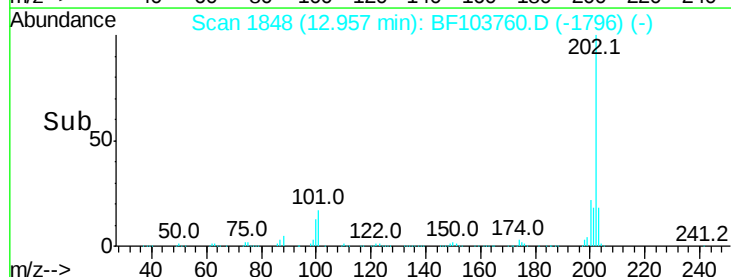
203 17.8 14.3 21.5

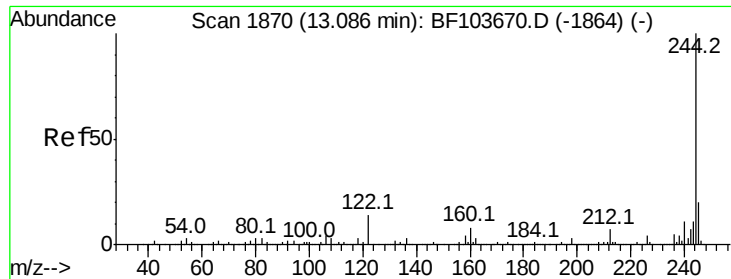


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

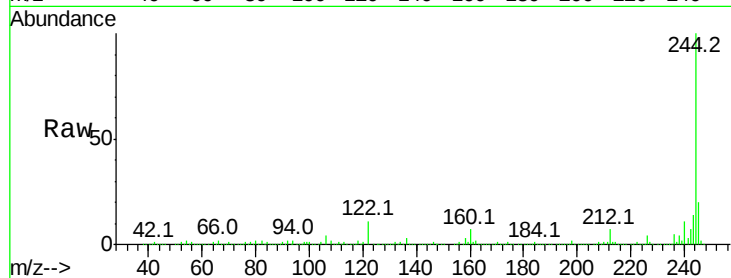




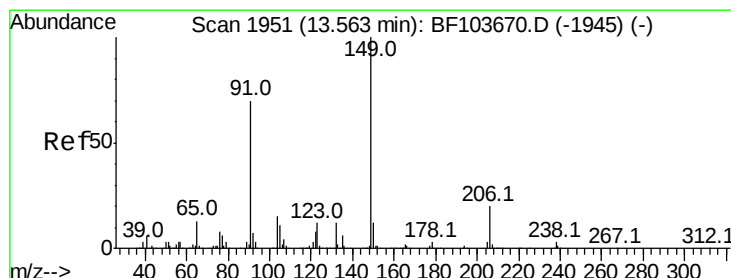
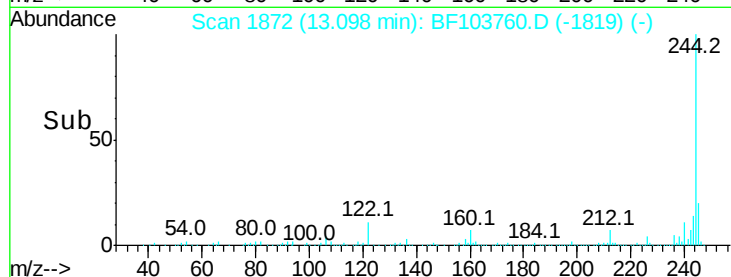
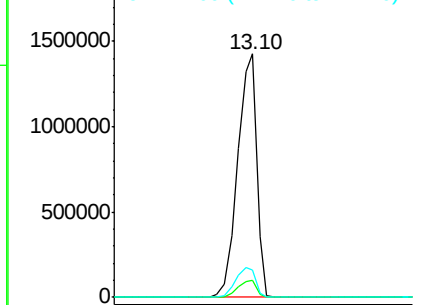
#78
 Terphenyl-d14
 Concen: 83.244 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1581732
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.5 11.0 16.4

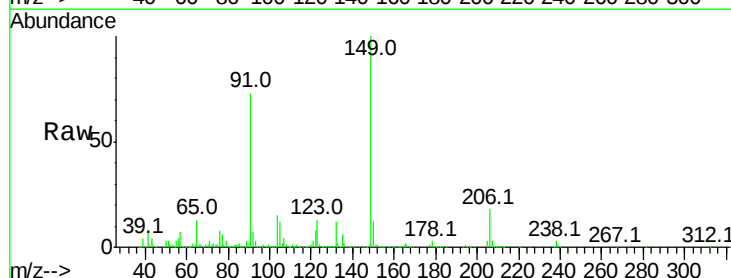


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

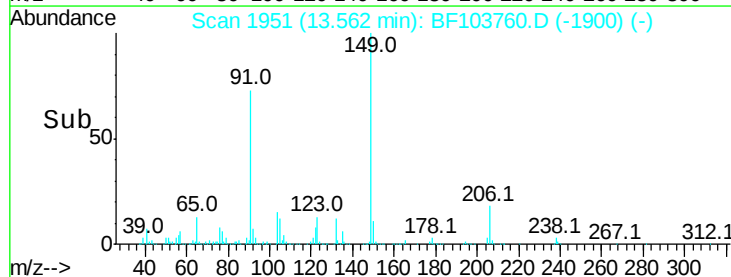
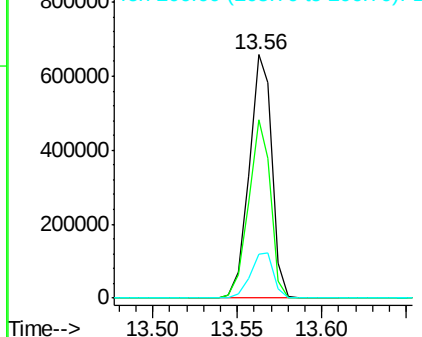


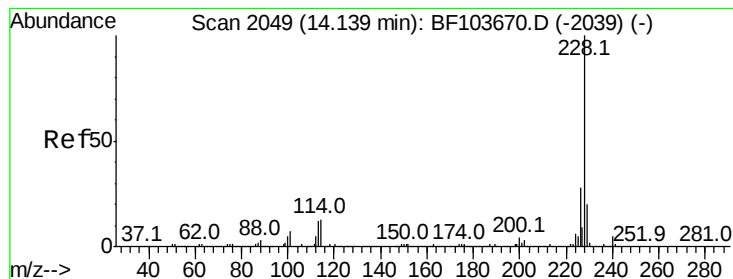
#79
 Butylbenzylphthalate
 Concen: 42.804 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion:149 Resp: 614256
 Ion Ratio Lower Upper
 149 100
 91 73.3 56.8 85.2
 206 18.1 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.163 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

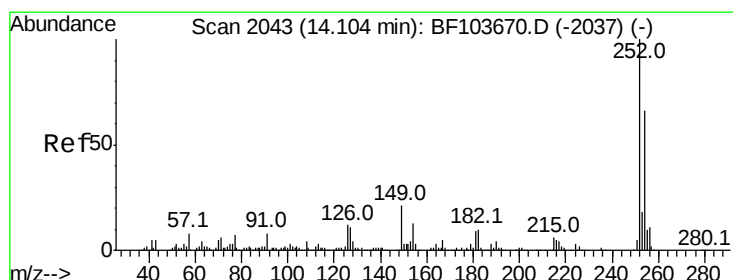
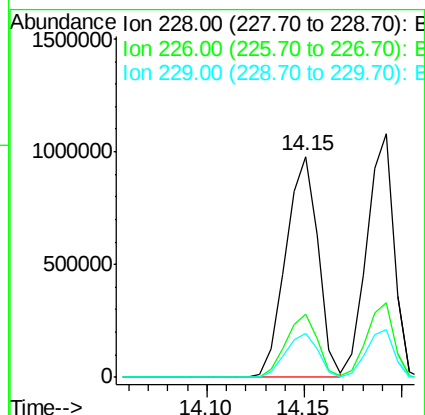
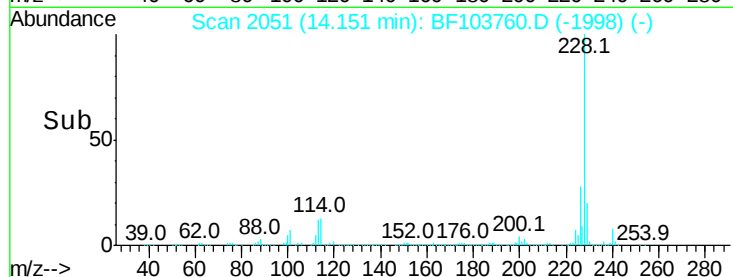
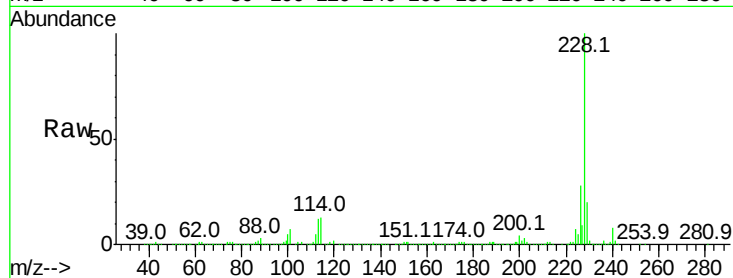
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1121262

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.8	15.8	23.6



#81

3,3'-Dichlorobenzidine

Concen: 22.126 ng

RT: 14.10 min Scan# 2043

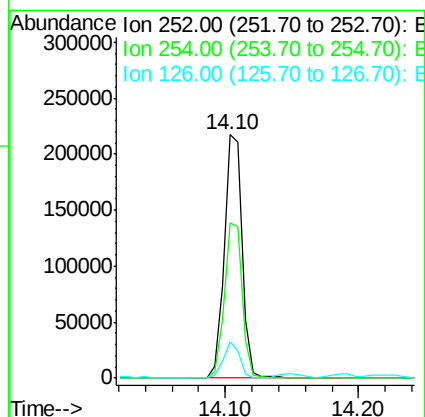
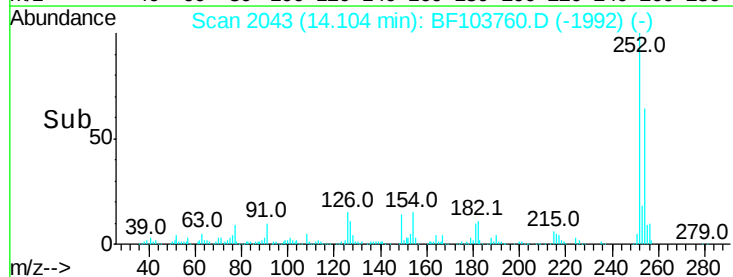
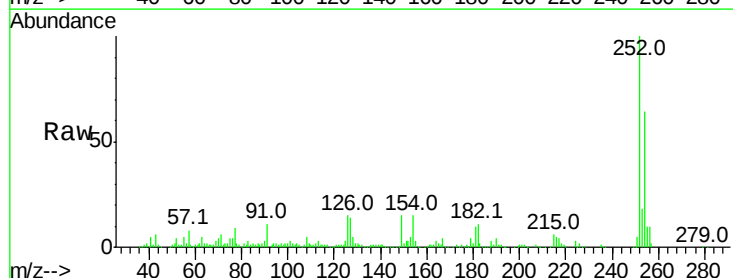
Delta R.T. -0.00 min

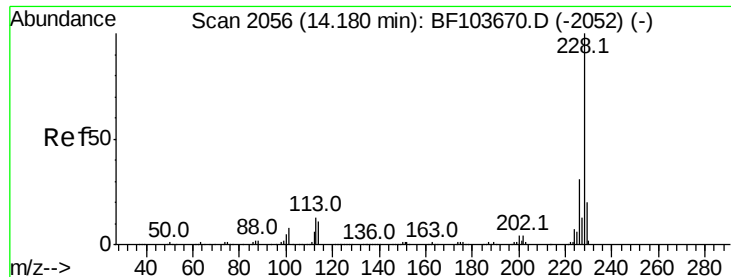
Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion:252 Resp: 206618

Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	15.1	11.3	16.9





#82

Chrysene

Concen: 39.373 ng

RT: 14.19 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

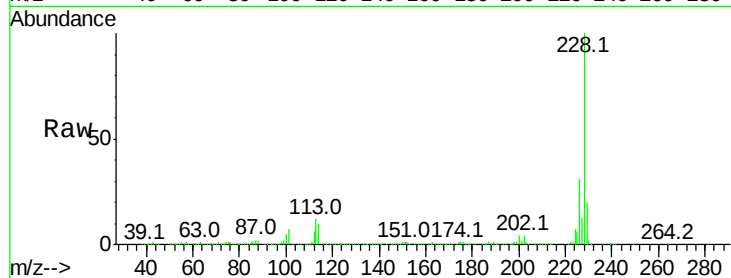
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1047831

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.8	16.2	24.4

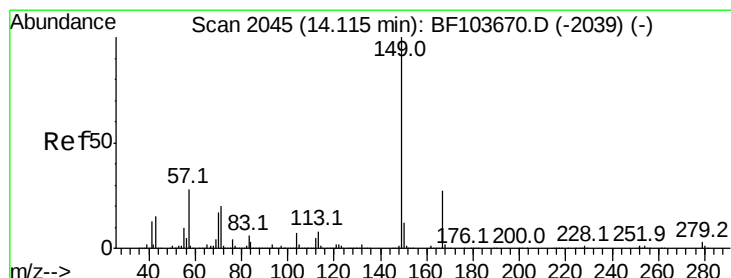
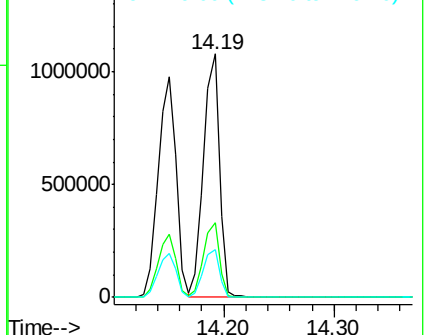
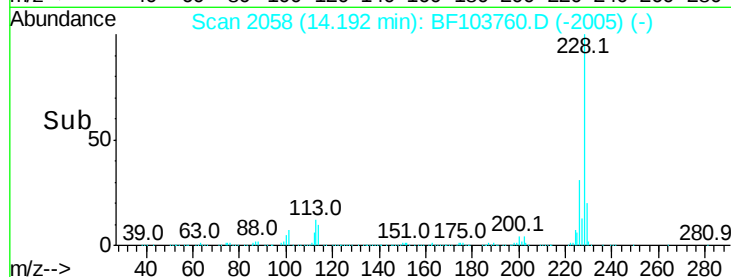


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.758 ng

RT: 14.12 min Scan# 2046

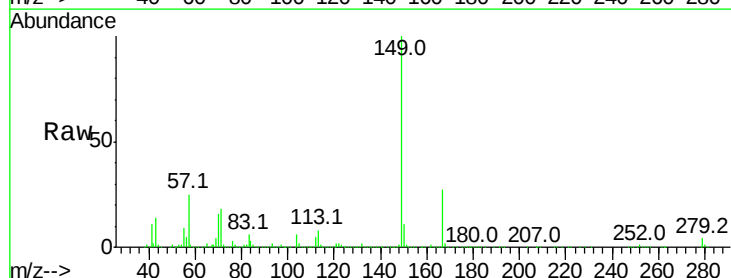
Delta R.T. 0.01 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Tgt Ion:149 Resp: 856080

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.8	3.0	4.4

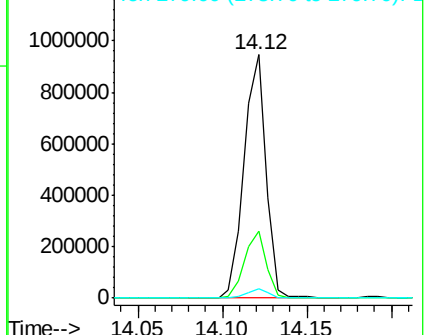
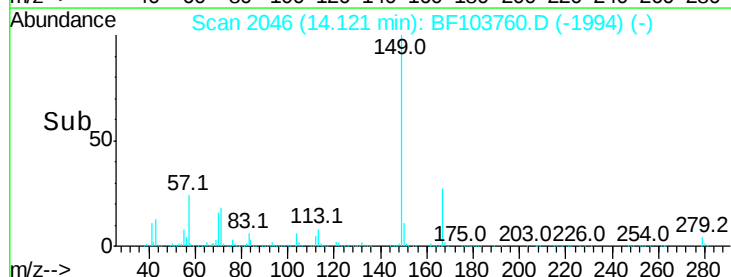


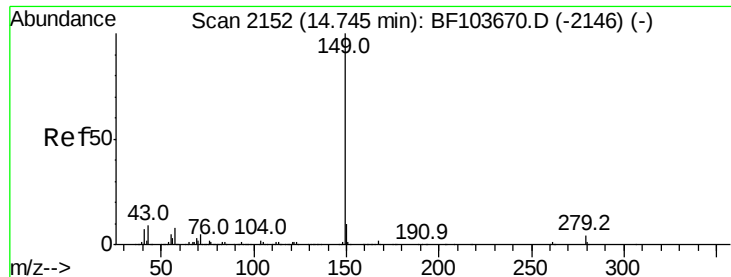
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

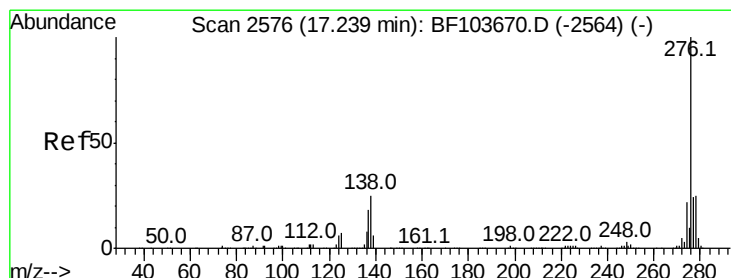
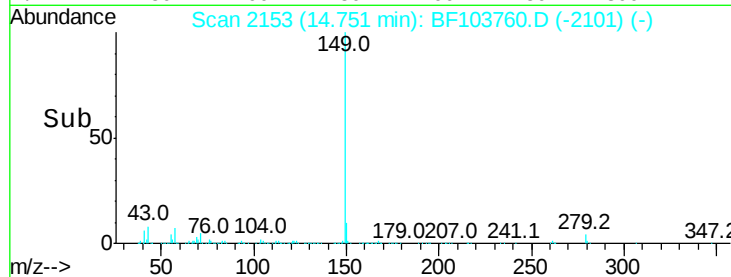
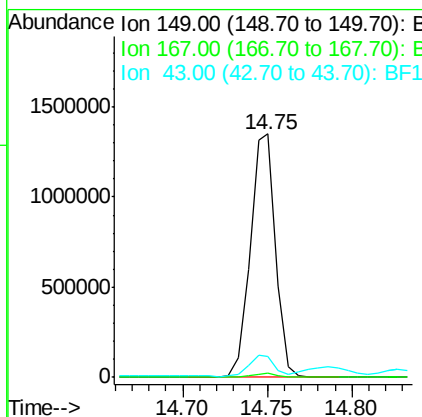
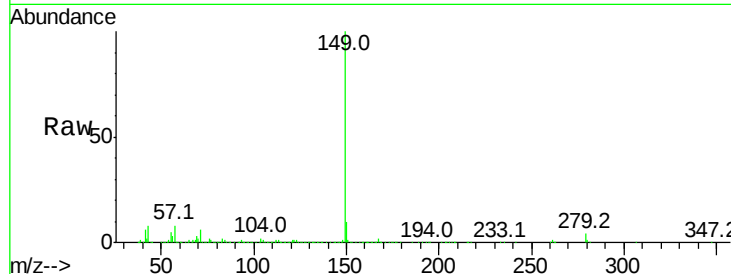




#84
 Di-n-octyl phthalate
 Concen: 46.757 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

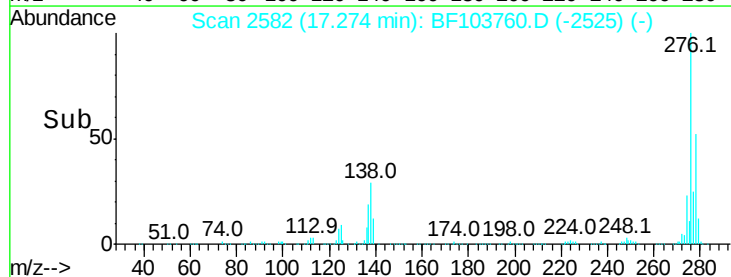
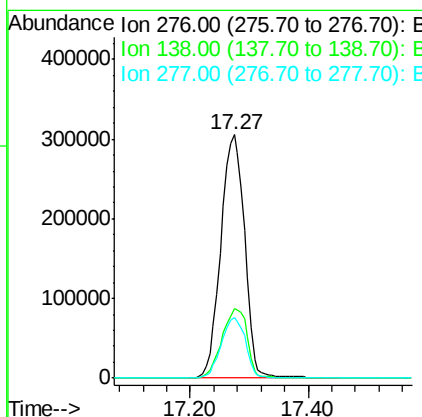
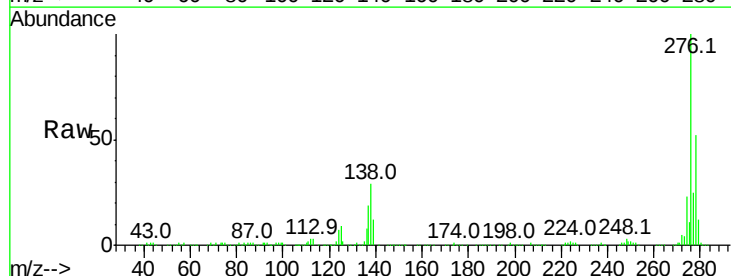
Instrument :
 BNA_F
 ClientSampleId :

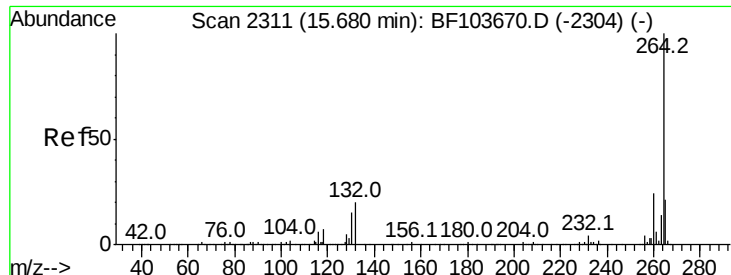
Tot Ion:149 Resp: 1394545
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 8.4 12.6



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.051 ng
 RT: 17.27 min Scan# 2582
 Delta R.T. 0.04 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion:276 Resp: 861101
 Ion Ratio Lower Upper
 276 100
 138 30.6 25.0 37.6
 277 25.3 20.1 30.1

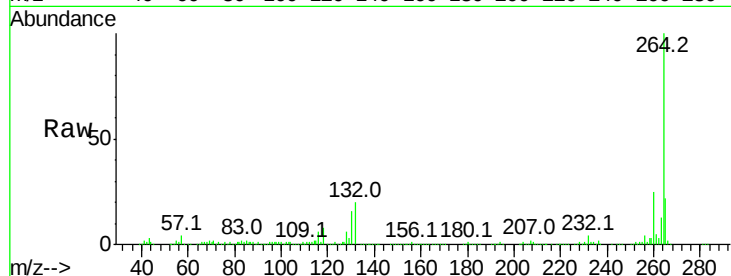




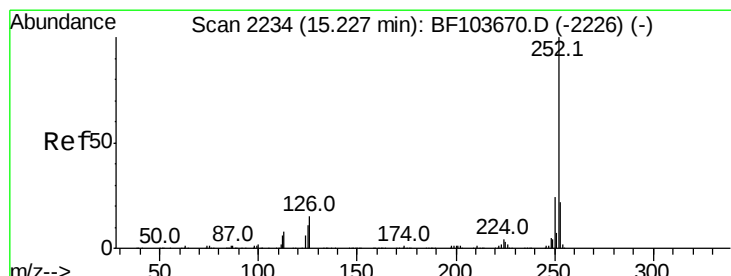
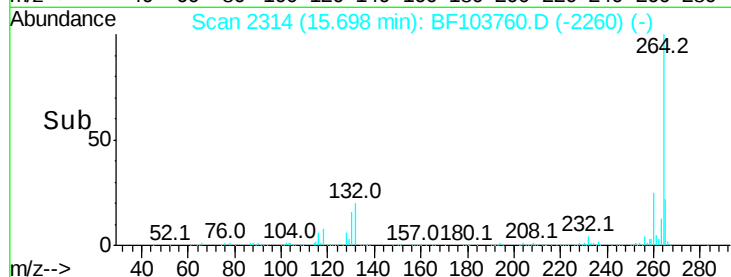
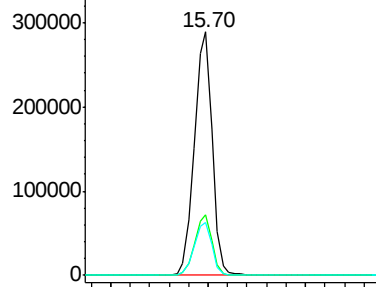
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 366384
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.8 17.5 26.3

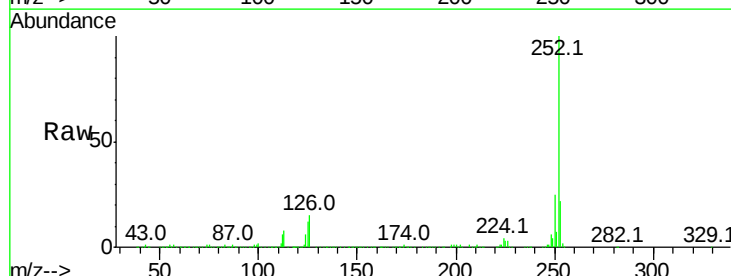


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

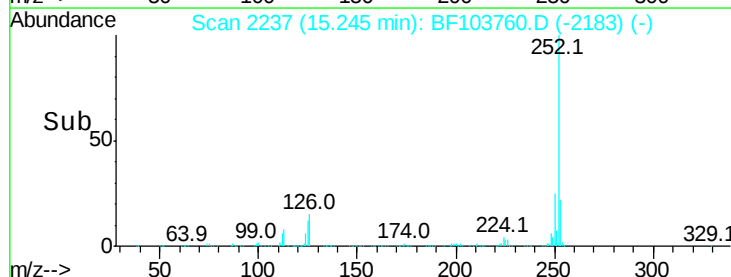
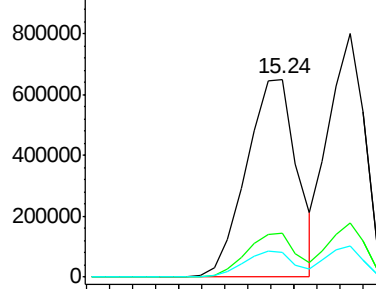


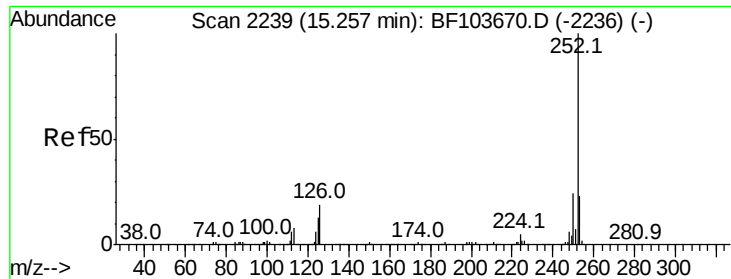
#87
 Benzo(b)fluoranthene
 Concen: 42.852 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.02 min
 Lab File: BF103760.D
 Acq: 19 Mar 2018 17:22

Tgt Ion:252 Resp: 991915
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.0 25.6
 125 12.2 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

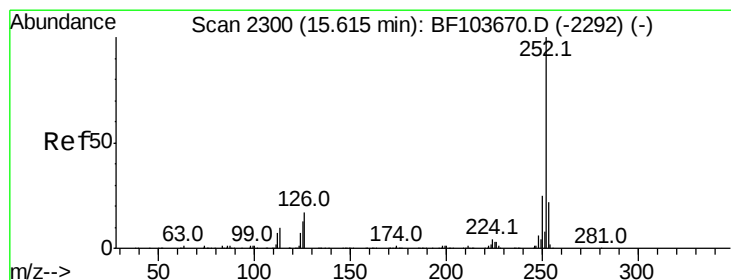
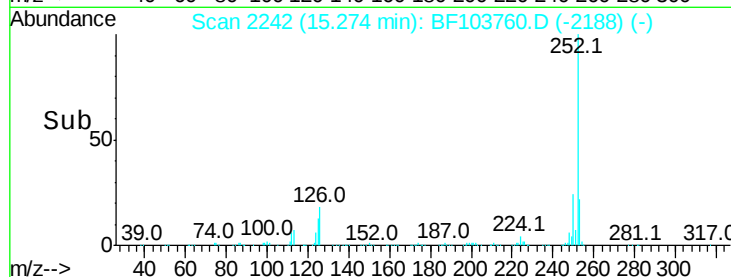
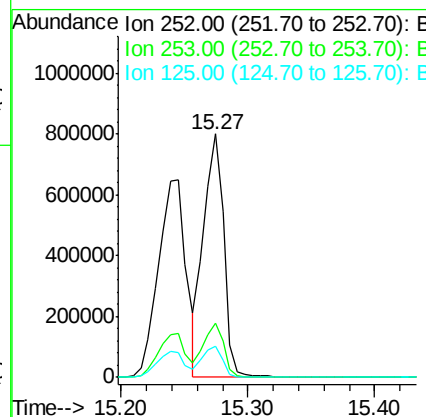
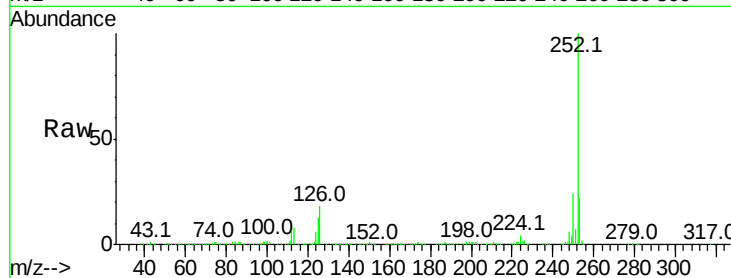




#88
Benzo(k)fluoranthene
Concen: 39.799 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

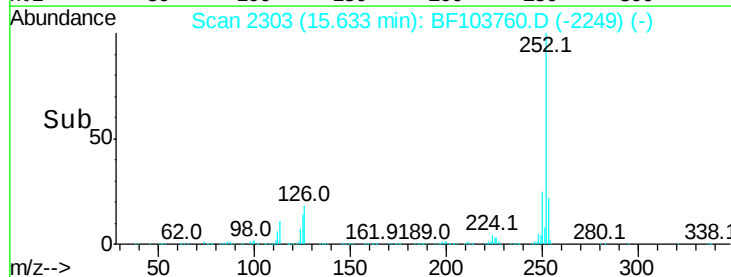
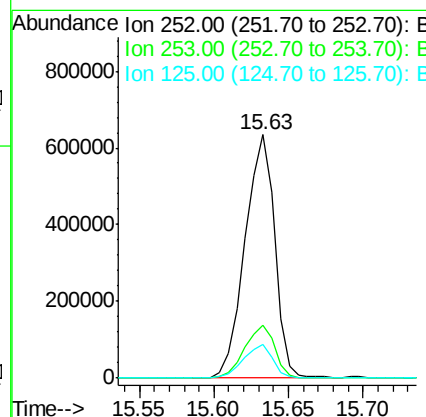
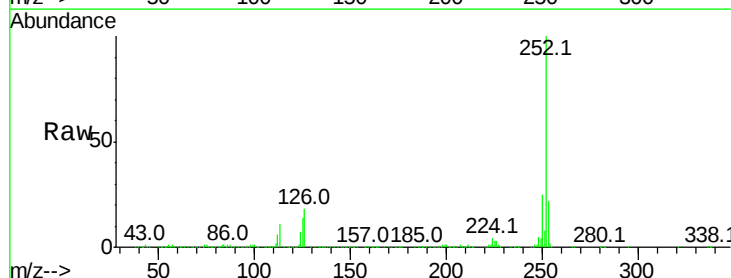
Instrument :
BNA_F
ClientSampleId :

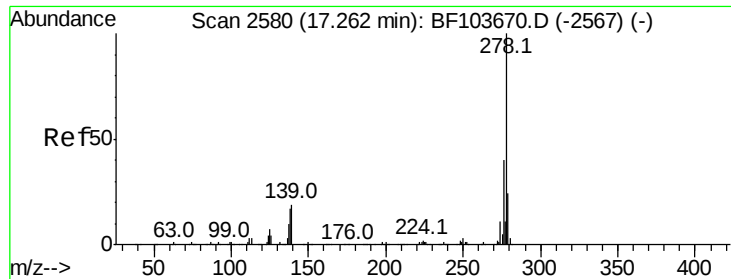
Tot Ion:252 Resp: 885555
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 41.731 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BF103760.D
Acq: 19 Mar 2018 17:22

Tgt Ion:252 Resp: 876128
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.7 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 39.020 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.03 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

Instrument :

BNA_F

ClientSampleId :

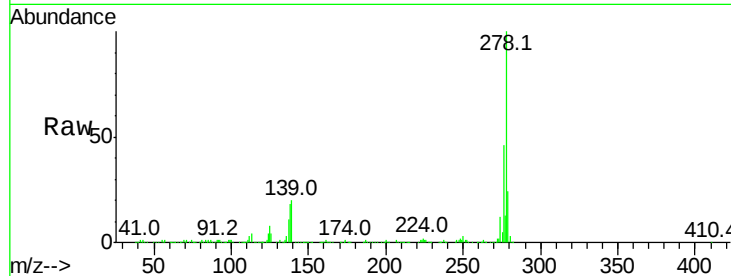
Tot Ion:278 Resp: 709355

Ion Ratio Lower Upper

278 100

139 19.7 15.9 23.9

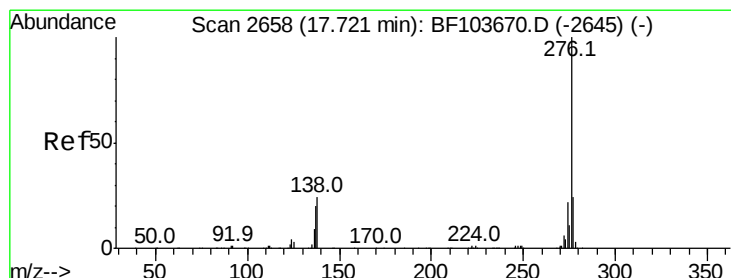
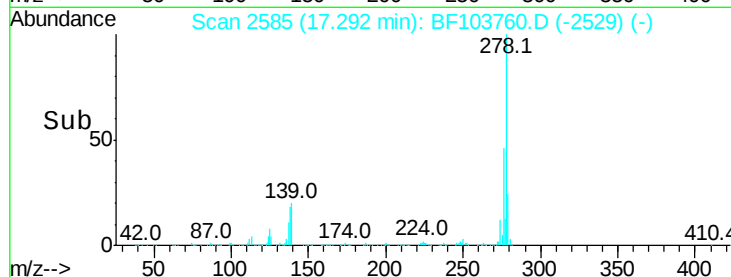
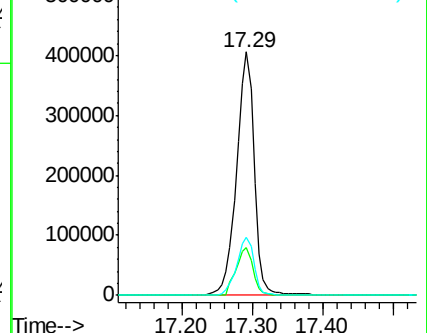
279 23.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 41.434 ng

RT: 17.76 min Scan# 2664

Delta R.T. 0.04 min

Lab File: BF103760.D

Acq: 19 Mar 2018 17:22

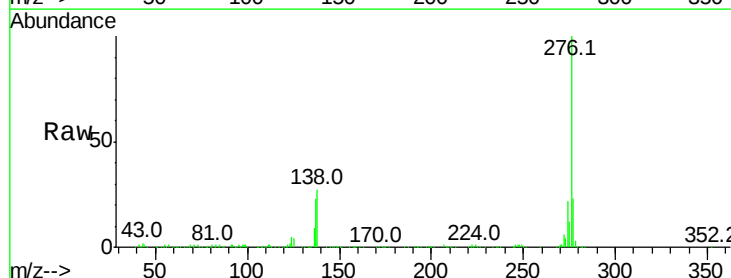
Tgt Ion:276 Resp: 732786

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 26.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

