

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103718.D
 Acq On : 17 Mar 2018 1:07
 Operator : JU/SJ
 Sample : J1945-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 17 03:23:16 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	164304	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	664876	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	285544	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	431938	20.00	ng	0.00
75) Chrysene-d12	14.16	240	294435	20.00	ng	0.00
86) Perylene-d12	15.69	264	246985	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1335850	123.66	ng	0.02
7) Phenol-d6	6.60	99	1663902	125.90	ng	0.01
23) Nitrobenzene-d5	7.54	82	981300	102.92	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	308350	125.59	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1467520	81.98	ng	0.00
78) Terphenyl-d14	13.09	244	1105010	87.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	182768	34.361	ng	93
3) Pyridine	3.65	79	509704	34.839	ng	89
4) n-Nitrosodimethylamine	3.61	42	223498	41.431	ng	# 86
6) Aniline	6.63	93	357234	18.930	ng	99
8) 2-Chlorophenol	6.76	128	458540	40.521	ng	98
9) Benzaldehyde	6.52	77	184740	21.277	ng	99
10) Phenol	6.61	94	595623	42.413	ng	100
11) bis(2-Chloroethyl)ether	6.71	93	454785	39.229	ng	94
12) 1,3-Dichlorobenzene	6.92	146	470024	36.469	ng	99
13) 1,4-Dichlorobenzene	6.99	146	476194	36.768	ng	98
14) 1,2-Dichlorobenzene	7.15	146	439496	36.570	ng	99
15) Benzyl Alcohol	7.11	79	399158	38.981	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	619278	37.557	ng	96
17) 2-Methylphenol	7.22	107	388220	38.524	ng	99
18) Hexachloroethane	7.49	117	139391	30.598	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	311817	36.816	ng	95
20) 3+4-Methylphenols	7.37	107	478806	37.439	ng	92
22) Acetophenone	7.38	105	613430	35.899	ng	# 95
24) Nitrobenzene	7.56	77	475150	42.450	ng	99
25) Isophorone	7.79	82	890131	40.330	ng	99
26) 2-Nitrophenol	7.87	139	196719	46.549	ng	97
27) 2,4-Dimethylphenol	7.90	122	416257	44.024	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	563500	42.163	ng	99
29) 2,4-Dichlorophenol	8.11	162	360384	41.894	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	364216	36.504	ng	99
31) Naphthalene	8.28	128	1262899	37.602	ng	100
32) Benzoic acid	7.90	122	416257	59.422	ng	# 14
33) 4-Chloroaniline	8.32	127	158003	11.213	ng	99
34) Hexachlorobutadiene	8.39	225	195780	35.790	ng	98
35) Caprolactam	8.69	113	113297	38.249	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	386106	40.714	ng	97
37) 2-Methylnaphthalene	8.97	142	789108	37.049	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	321557	39.473	ng	99
40) Hexachlorocyclopentadiene	9.12	237	62528	14.875	ng	97

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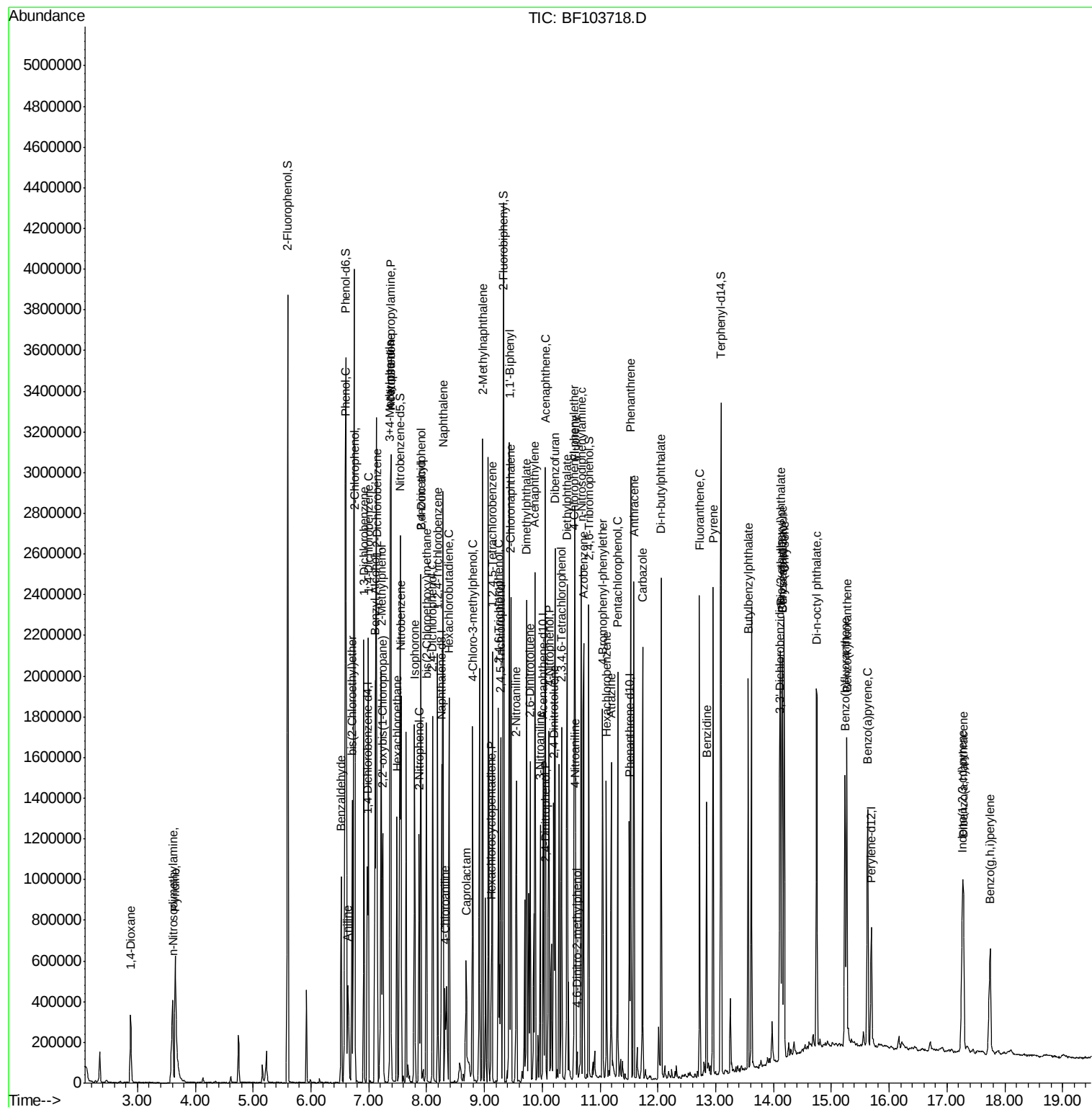
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	232022	44.529	ng	98
43) 2,4,5-Trichlorophenol	9.28	196	241877	41.128	ng	97
45) 1,1'-Biphenyl	9.43	154	897557	37.696	ng	100
46) 2-Chloronaphthalene	9.46	162	720917	38.121	ng	97
47) 2-Nitroaniline	9.55	65	235107	47.591	ng	97
48) Acenaphthylene	9.87	152	1060869	36.175	ng	100
49) Dimethylphthalate	9.73	163	1002041	45.996	ng	99
50) 2,6-Dinitrotoluene	9.79	165	176061	42.293	ng	98
51) Acenaphthene	10.05	154	622315	35.739	ng	100
52) 3-Nitroaniline	9.96	138	175677	35.832	ng	97
53) 2,4-Dinitrophenol	10.06	184	7946	18.257	ng	# 54
54) Dibenzofuran	10.22	168	935151	37.603	ng	98
55) 4-Nitrophenol	10.12	139	295612	74.481	ng	99
56) 2,4-Dinitrotoluene	10.20	165	214045	41.114	ng	98
57) Fluorene	10.56	166	697634	36.151	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	178359	42.801	ng	97
59) Diethylphthalate	10.43	149	822959	38.060	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	333361	37.799	ng	99
61) 4-Nitroaniline	10.58	138	180251	37.933	ng	98
62) Azobenzene	10.72	77	784402	35.682	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	13005	16.600	ng	91
65) n-Nitrosodiphenylamine	10.67	169	639914	43.524	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	192290	43.359	ng	94
67) Hexachlorobenzene	11.12	284	194811	38.487	ng	# 88
68) Atrazine	11.20	200	184448	40.555	ng	96
69) Pentachlorophenol	11.30	266	192417	66.122	ng	96
70) Phenanthrene	11.53	178	1014902	42.953	ng	99
71) Anthracene	11.59	178	927405	38.645	ng	99
72) Carbazole	11.73	167	865295	37.097	ng	100
73) Di-n-butylphthalate	12.06	149	1158029	41.377	ng	100
74) Fluoranthene	12.72	202	958471	39.375	ng	99
76) Benzidine	12.85	184	514418	40.964	ng	98
77) Pyrene	12.96	202	915607	42.344	ng	100
79) Butylbenzylphthalate	13.56	149	404214	42.193	ng	98
80) Benzo(a)anthracene	14.14	228	753446	40.426	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	244997	39.299	ng	98
82) Chrysene	14.19	228	712445	40.101	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	568247	41.520	ng	99
84) Di-n-octyl phthalate	14.75	149	937724	47.096	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	551185	35.525	ng	98
87) Benzo(b)fluoranthene	15.24	252	668141	42.819	ng	99
88) Benzo(k)fluoranthene	15.27	252	626840	41.791	ng	99
89) Benzo(a)pyrene	15.63	252	591410	41.787	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	451925	36.877	ng	98
91) Benzo(g,h,i)perylene	17.74	276	444148	37.254	ng	96

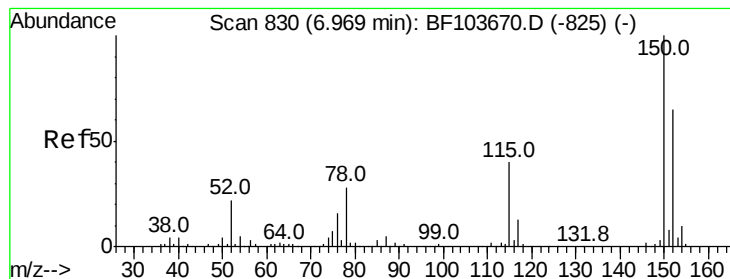
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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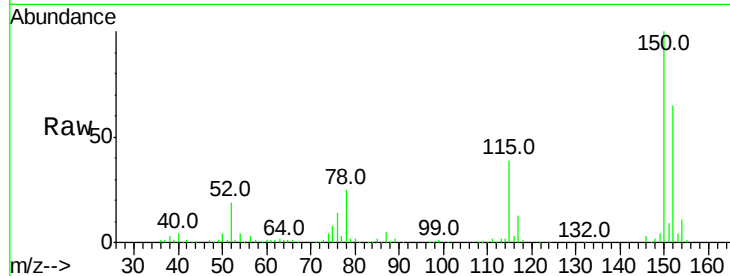


#1

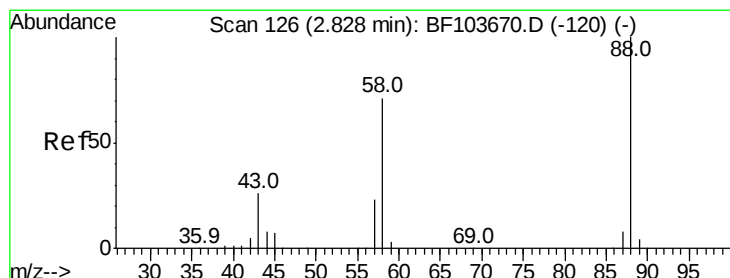
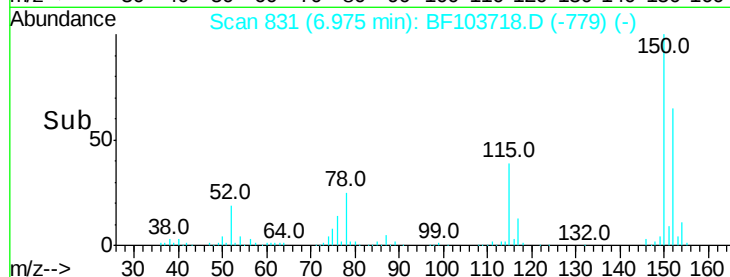
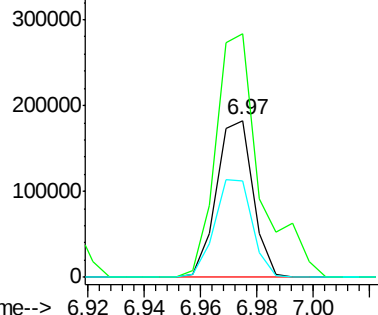
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164304
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 61.1 50.1 75.1



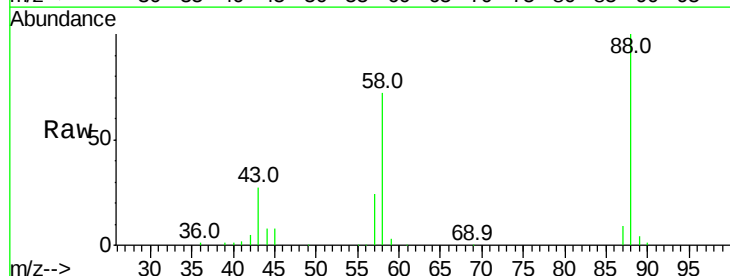
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



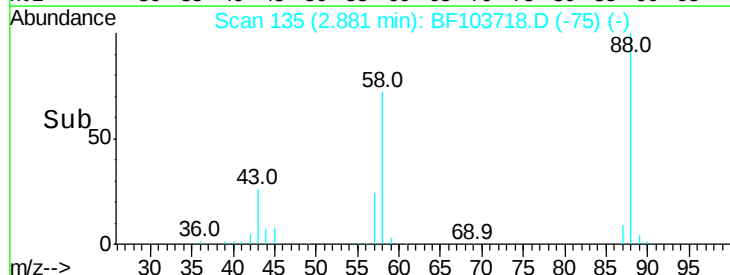
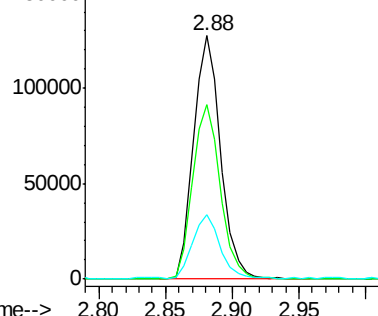
#2

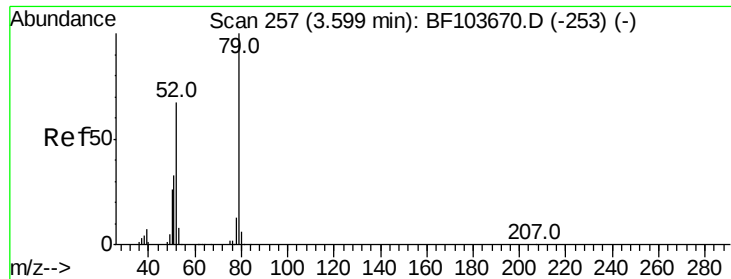
1,4-Dioxane
Concen: 34.361 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.05 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion: 88 Resp: 182768
Ion Ratio Lower Upper
88 100
58 72.8 62.6 93.8
43 26.2 24.6 37.0



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





#3

Pvridine

Concen: 34.839 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.05 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

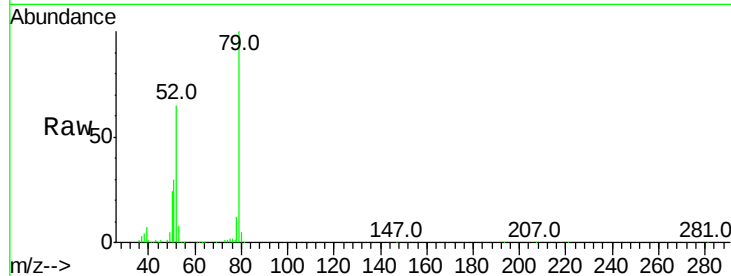
Tot Ion: 79 Resp: 509704

Ion Ratio Lower Upper

79 100

52 65.2 59.8 89.6

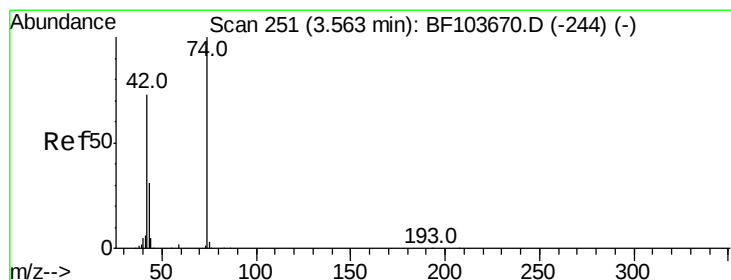
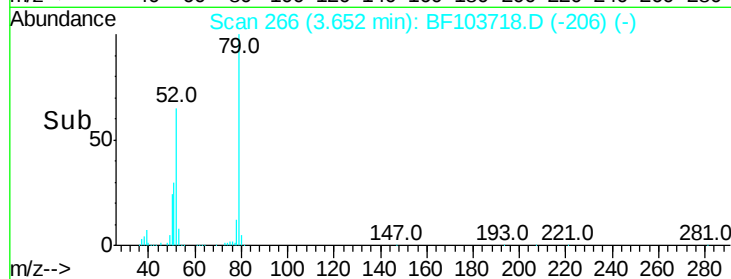
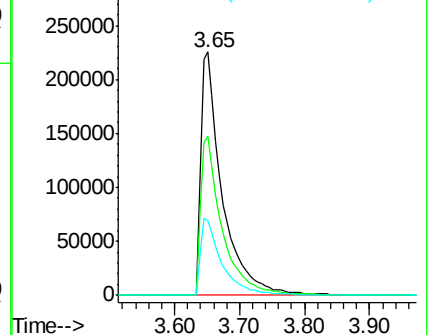
51 30.4 29.8 44.8



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: 41.431 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.05 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

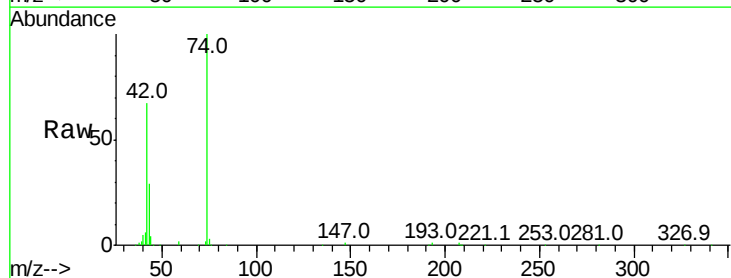
Tgt Ion: 42 Resp: 223498

Ion Ratio Lower Upper

42 100

74 148.5 104.9 157.3

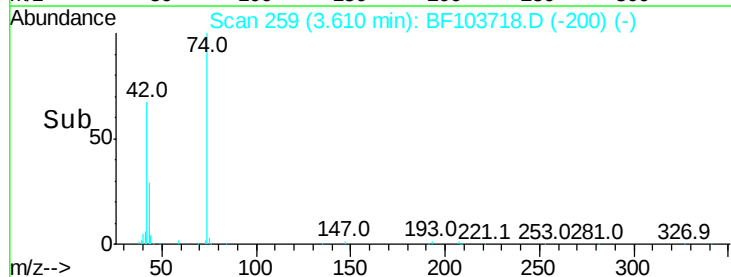
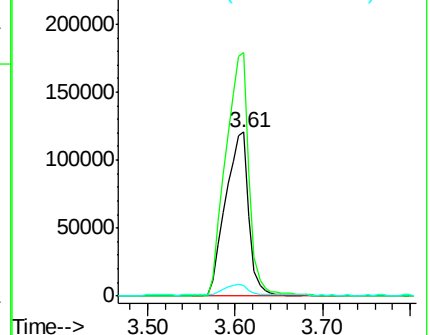
44 6.6 6.9 10.3#

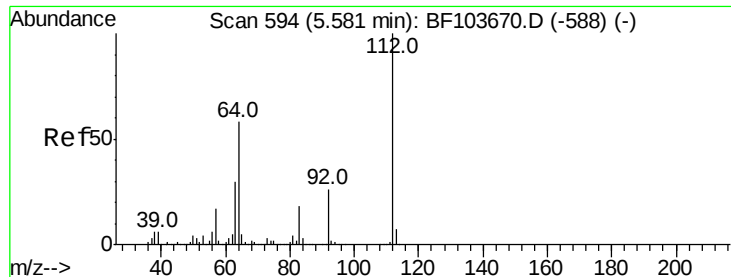


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 123.662 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.02 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

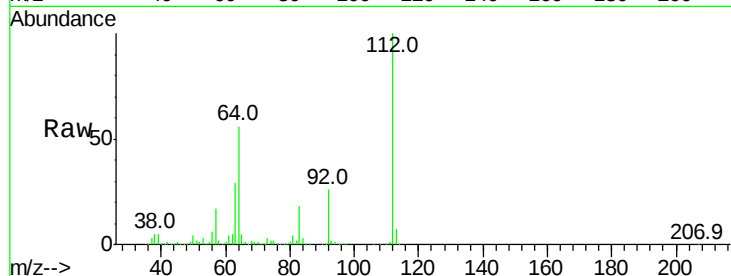
Tot Ion:112 Resp: 1335850

Ion Ratio Lower Upper

112 100

64 56.4 47.9 71.9

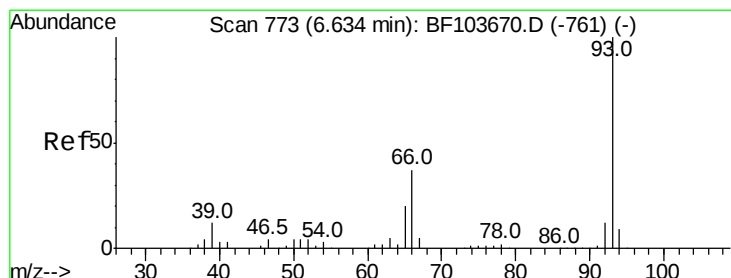
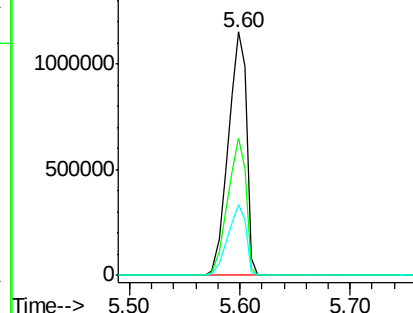
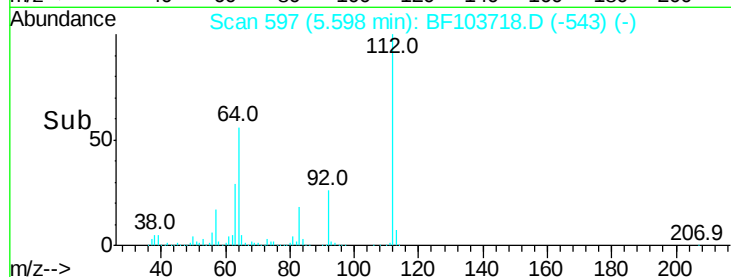
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.930 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

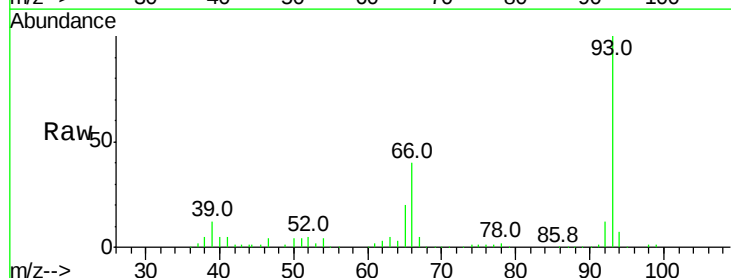
Tgt Ion: 93 Resp: 357234

Ion Ratio Lower Upper

93 100

66 39.7 32.2 48.2

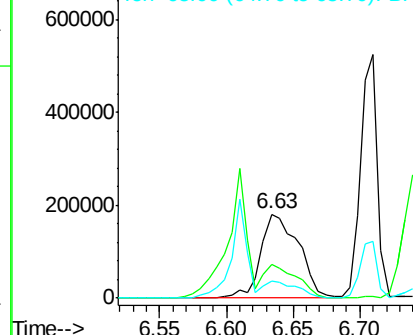
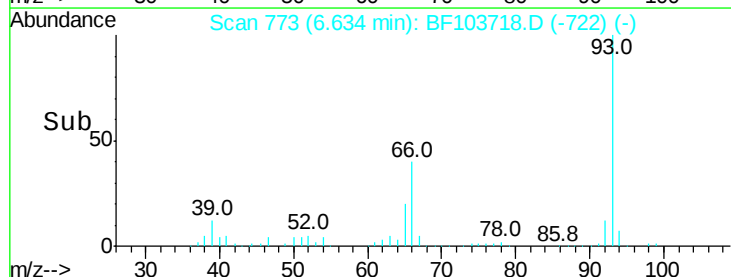
65 19.8 16.4 24.6

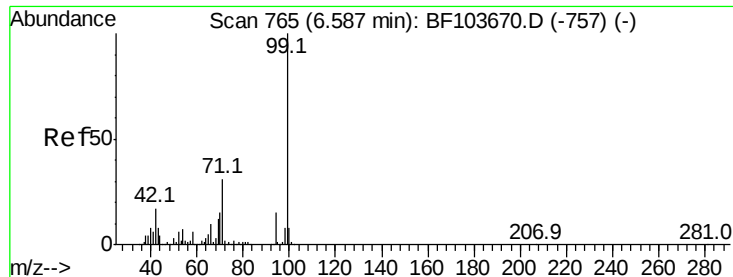


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.901 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

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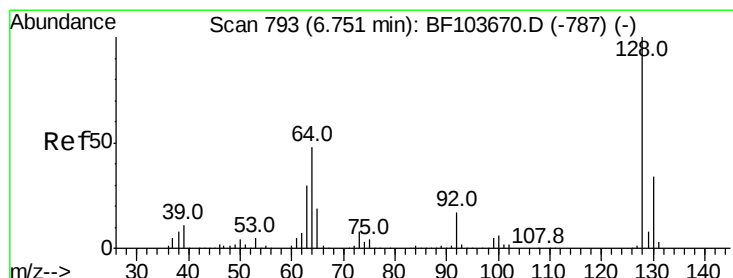
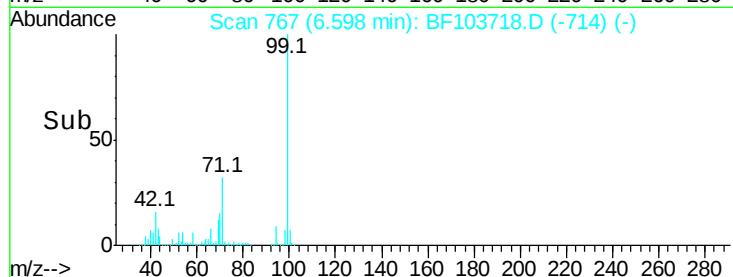
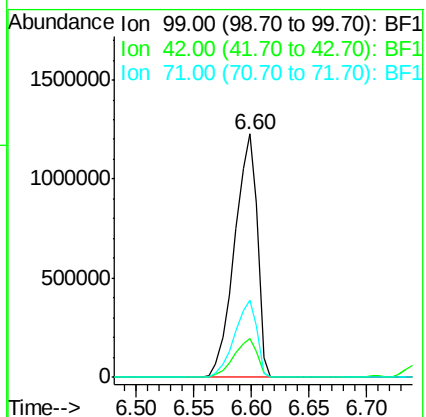
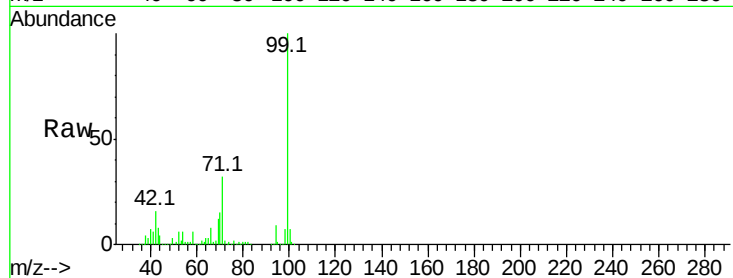
Tot Ion: 99 Resp: 1663902

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 31.9 25.4 38.0



#8

2-Chlorophenol

Concen: 40.521 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

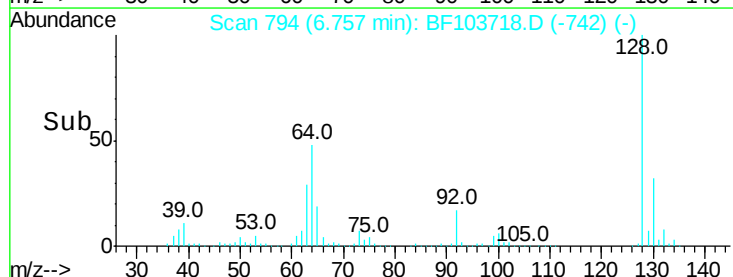
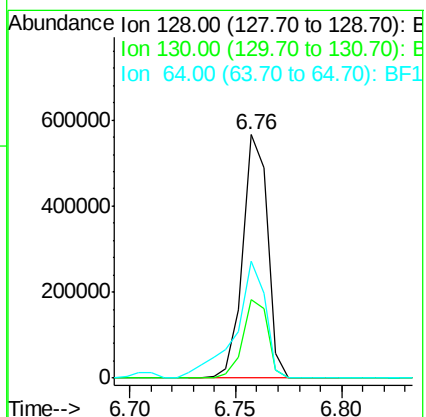
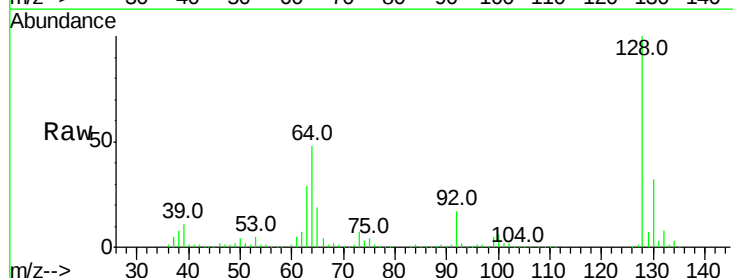
Tgt Ion: 128 Resp: 458540

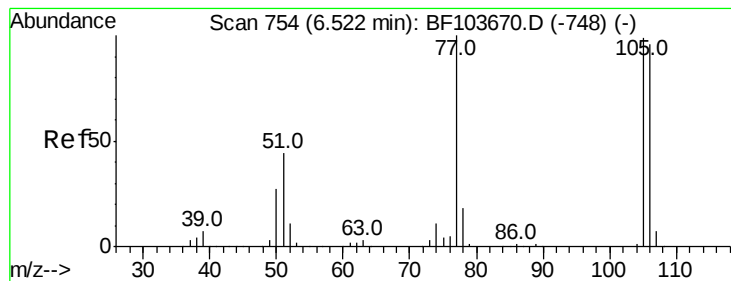
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 48.0 29.4 69.4





#9

Benzaldehyde

Concen: 21.277 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

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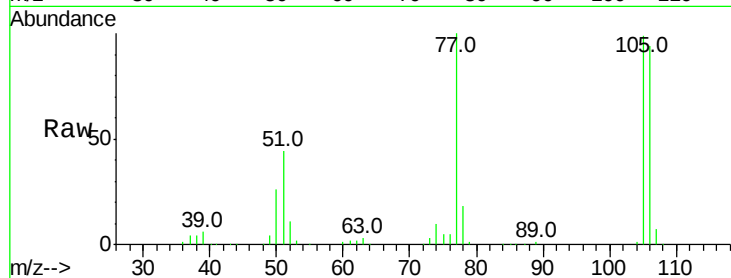
Tot Ion: 77 Resp: 184740

Ion Ratio Lower Upper

77 100

105 99.2 81.1 121.1

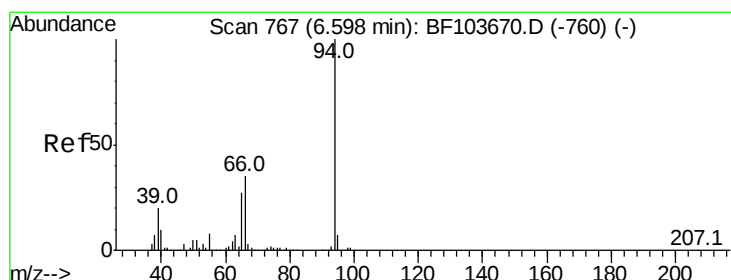
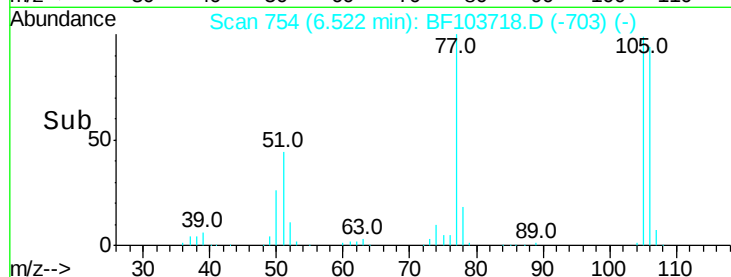
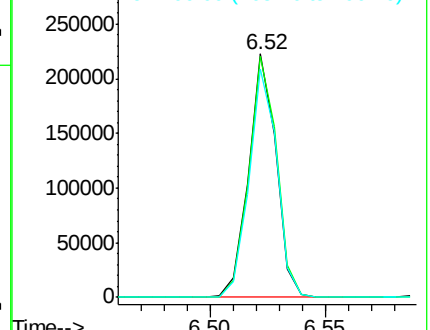
106 93.6 74.5 114.5



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: 42.413 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103718.D

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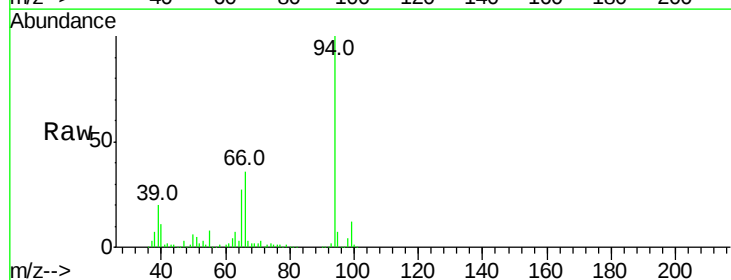
Tgt Ion: 94 Resp: 595623

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

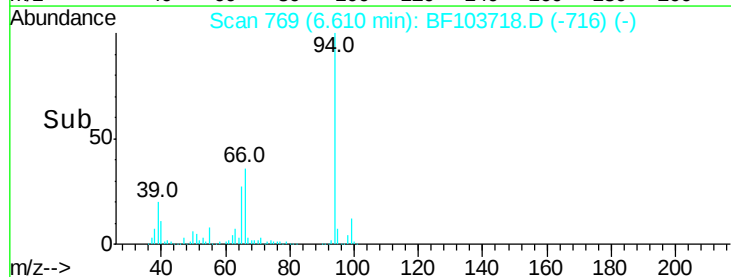
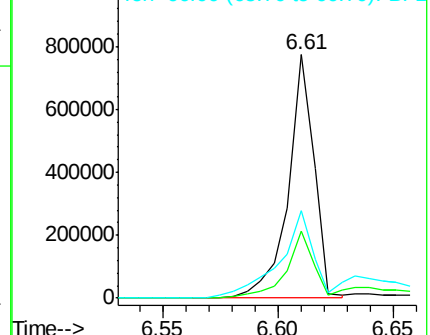
66 36.2 16.2 56.2

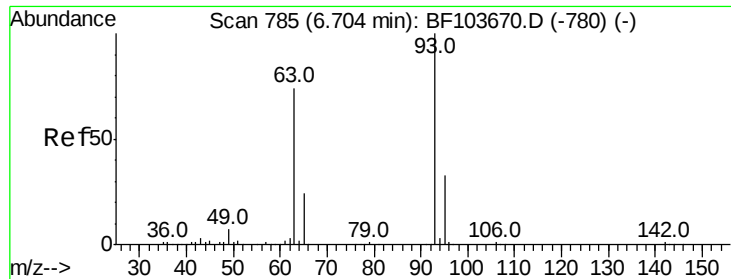


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.229 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

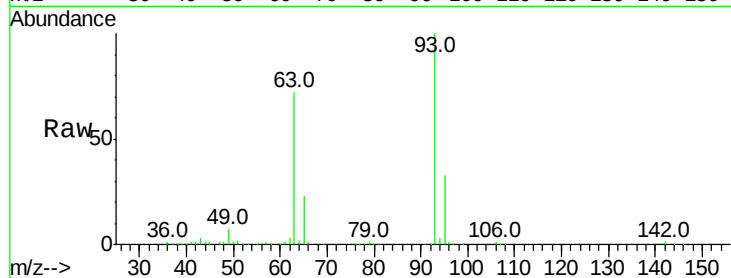
Tot Ion: 93 Resp: 454785

Ion Ratio Lower Upper

93 100

63 71.6 58.6 98.6

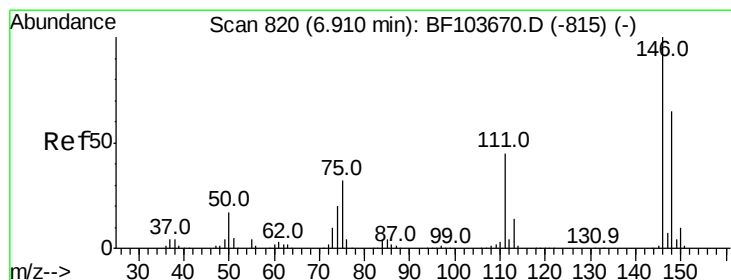
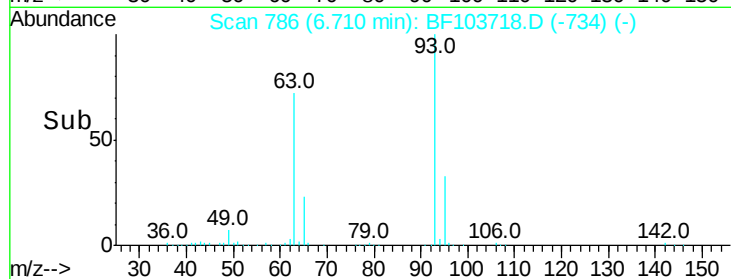
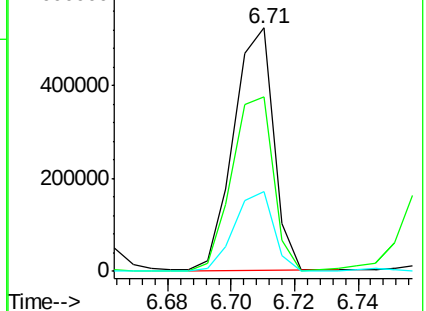
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.469 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

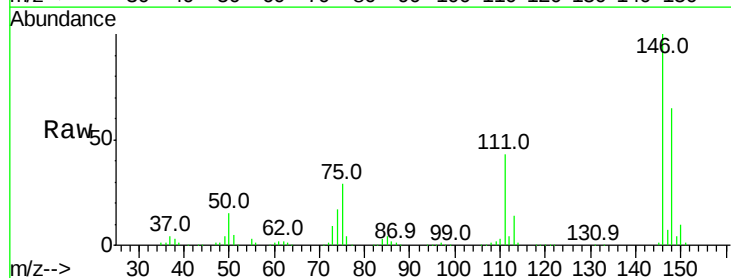
Tgt Ion: 146 Resp: 470024

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

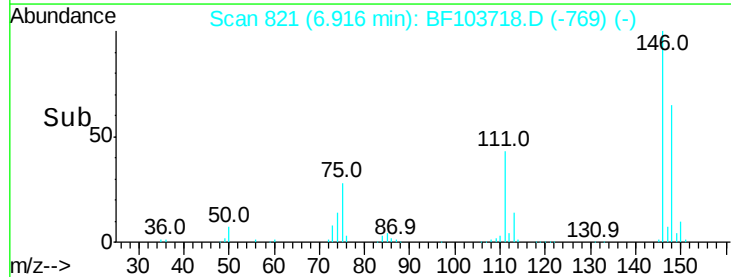
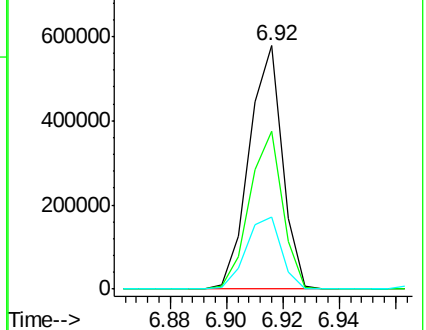
75 29.4 24.2 36.4

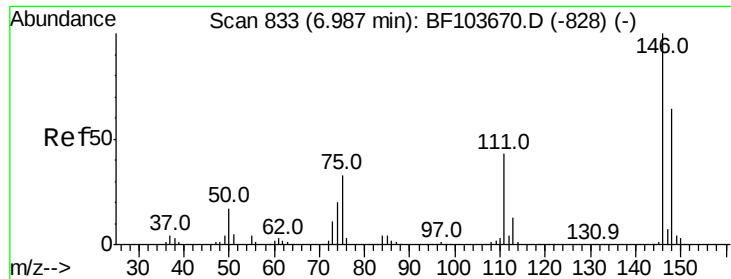


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

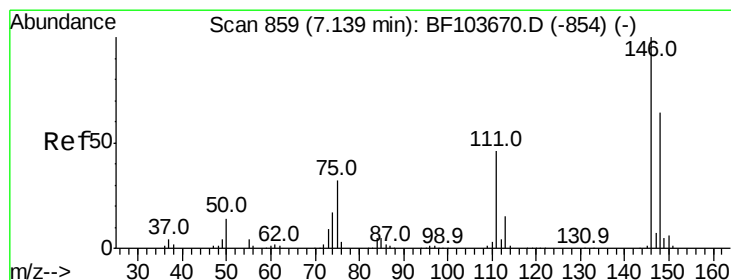
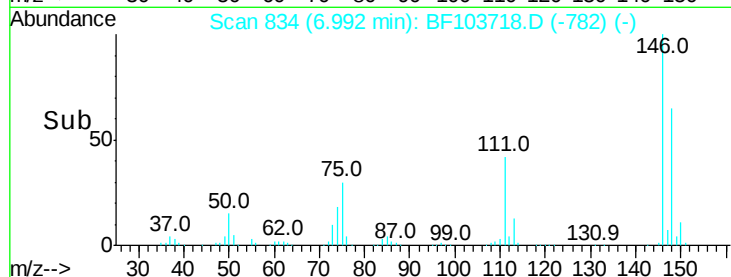
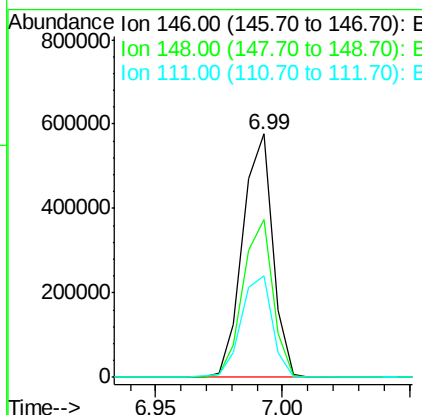
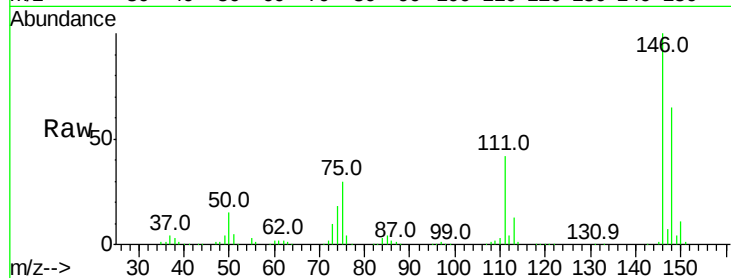




#13
 1,4-Dichlorobenzene
 Concen: 36.768 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

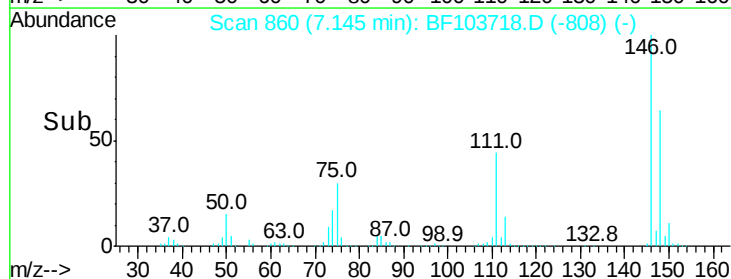
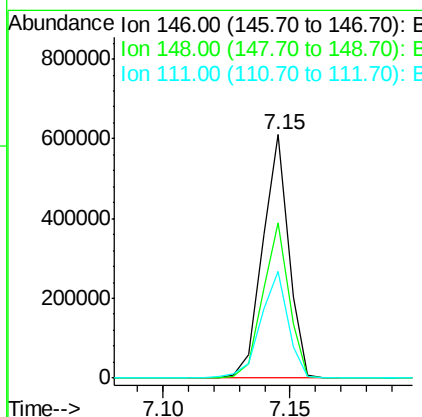
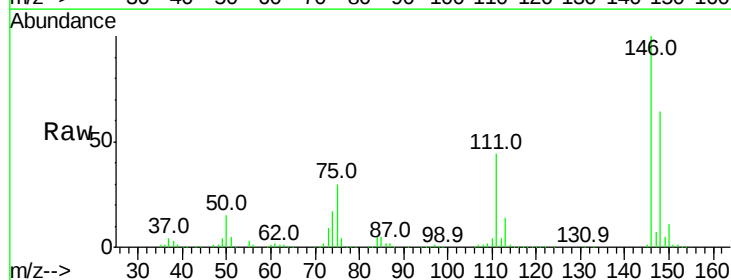
Instrument :
 BNA_F
 ClientSampleId :

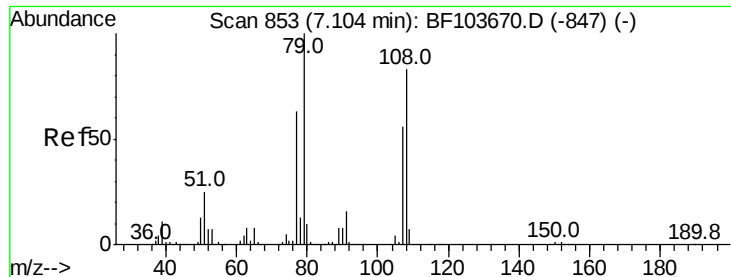
Tot Ion:146 Resp: 476194
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 42.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.570 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion:146 Resp: 439496
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 43.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.981 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampled :

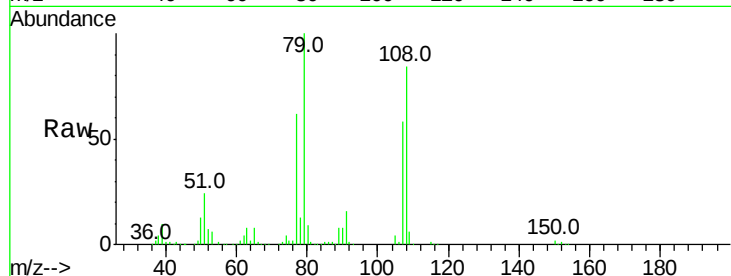
Tot Ion: 79 Resp: 399158

Ion Ratio Lower Upper

79 100

108 83.5 65.1 97.7

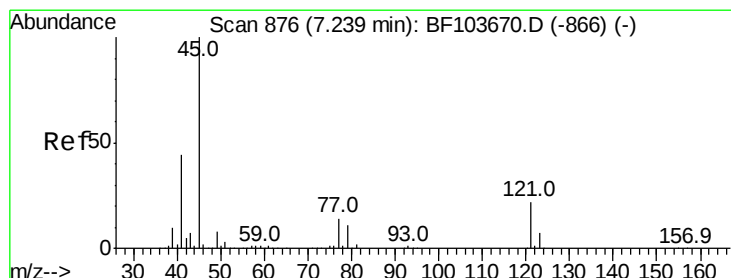
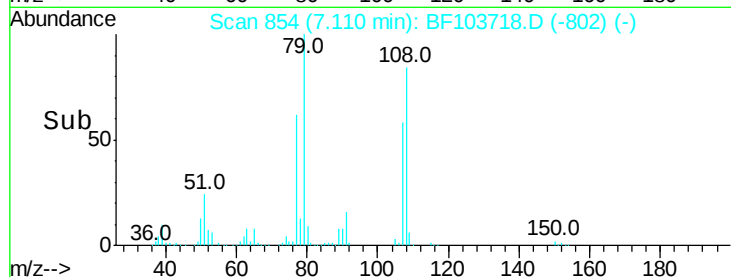
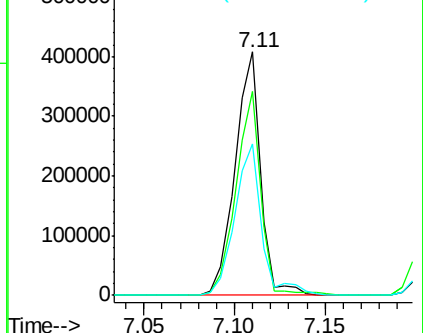
77 62.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.557 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

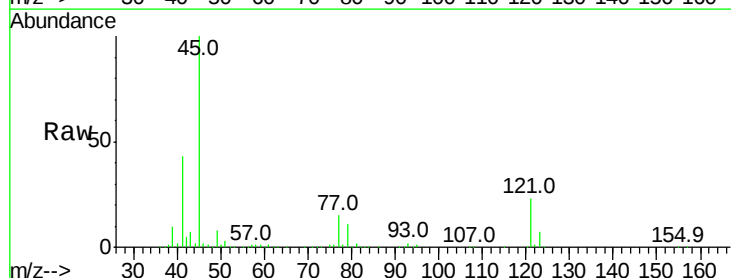
Tgt Ion: 45 Resp: 619278

Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

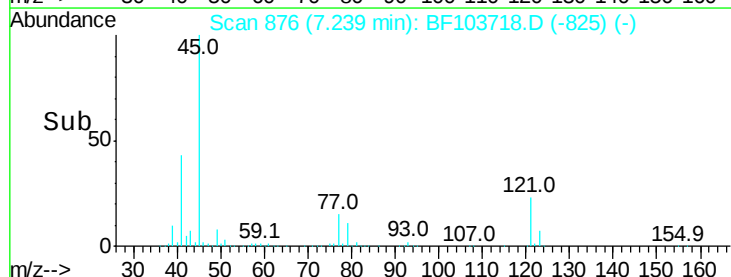
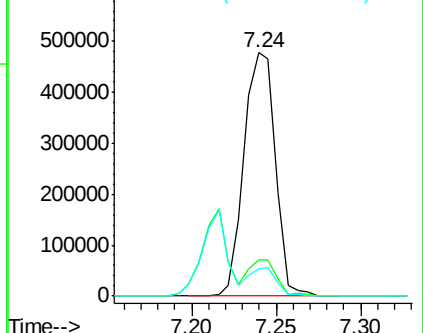
79 11.1 0.0 29.6

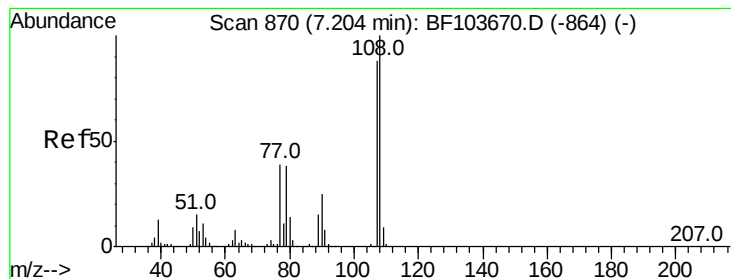


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

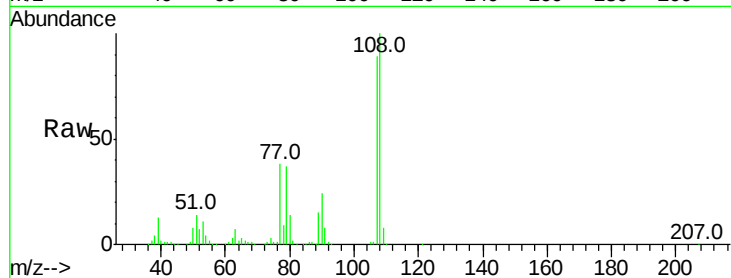




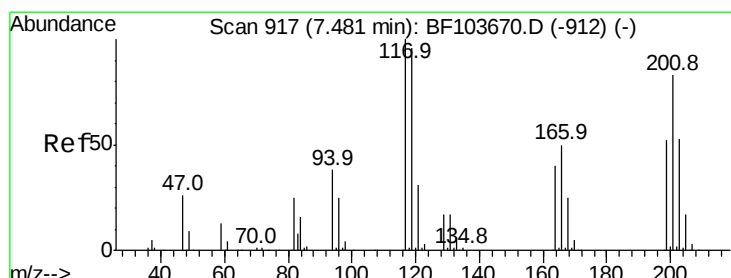
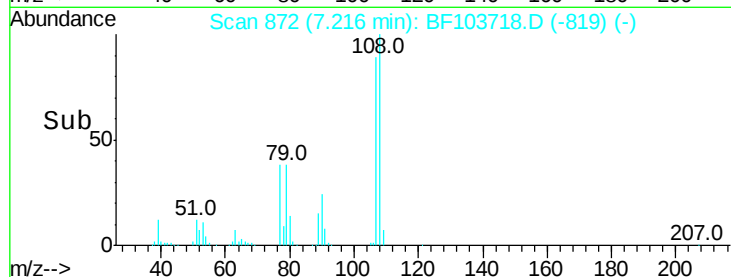
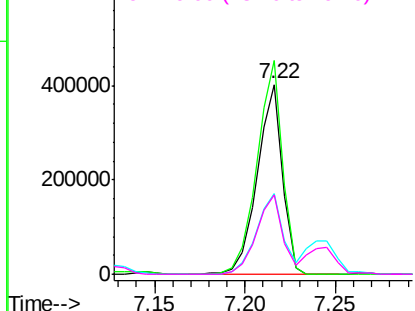
#17
2-Methylphenol
Concen: 38.524 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 388220
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 42.8 33.8 50.8
79 42.1 33.8 50.8

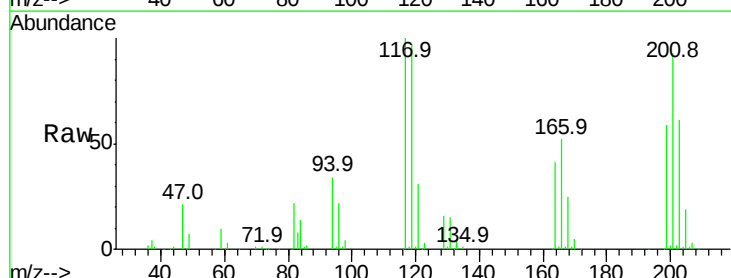


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

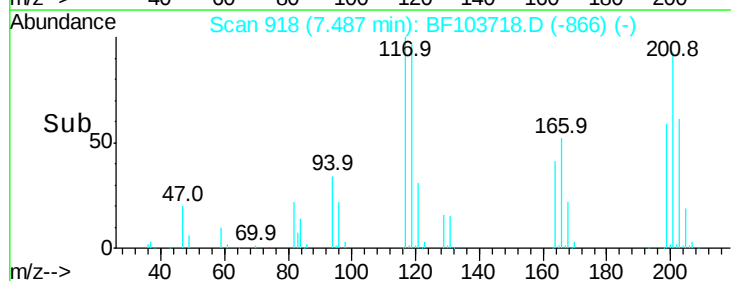
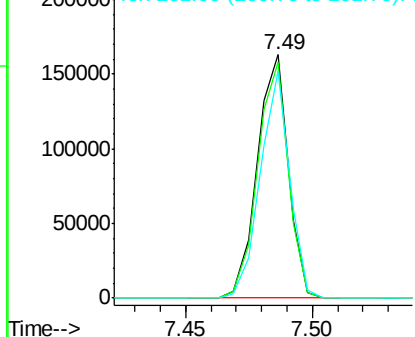


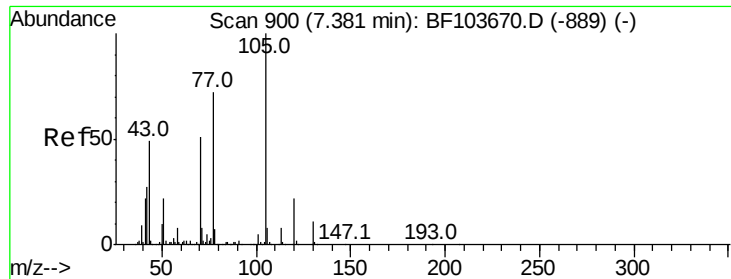
#18
Hexachloroethane
Concen: 30.598 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:117 Resp: 139391
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.8
201 93.3 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

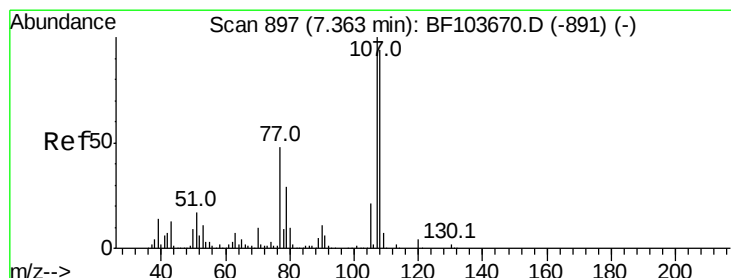
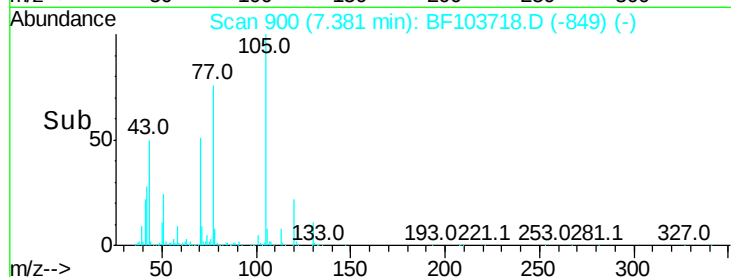
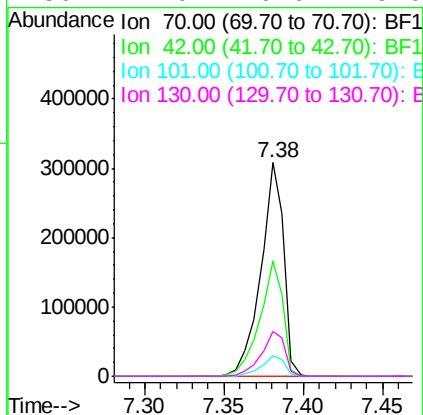
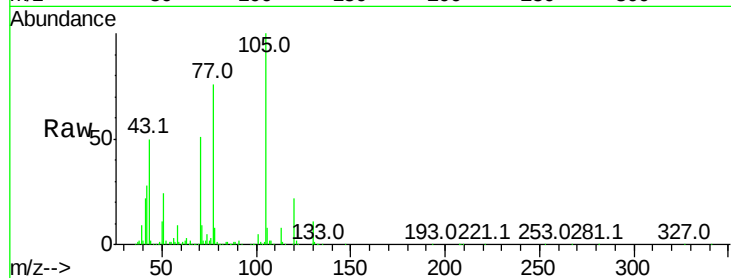




#19
n-Nitroso-di-n-propylamine
Concen: 36.816 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

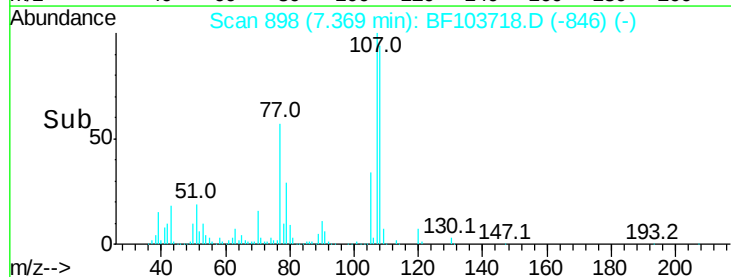
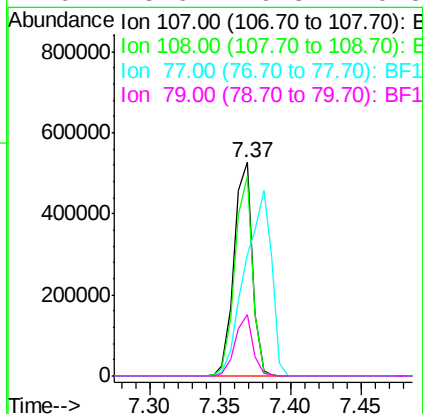
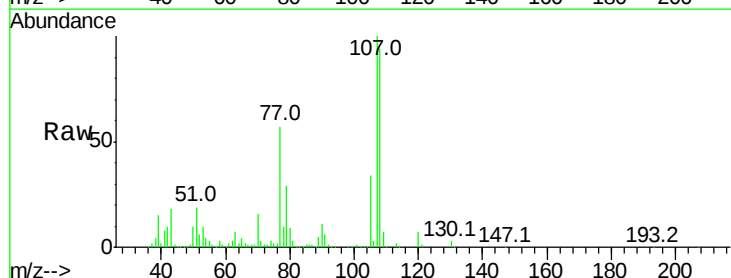
Instrument :
BNA_F
ClientSampleId :

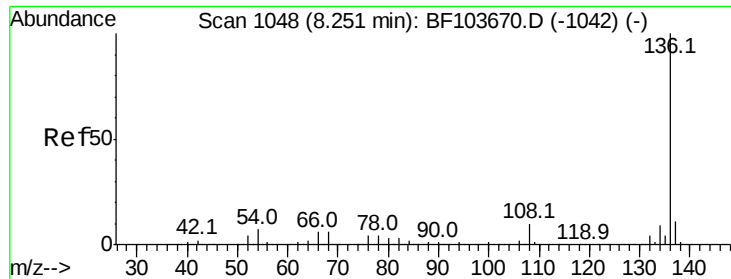
Tot Ion:	70	Resp:	311817
Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	9.5	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.439 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:	107	Resp:	478806
Ion	Ratio	Lower	Upper
107	100		
108	93.7	68.2	108.2
77	56.9	26.7	66.7
79	28.6	6.3	46.3

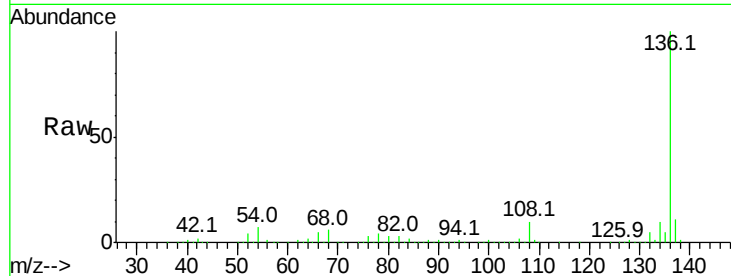




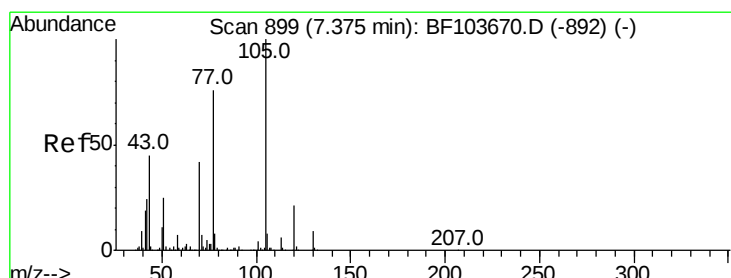
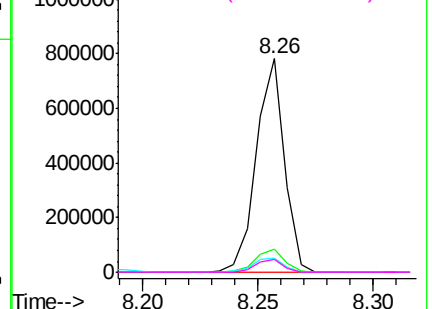
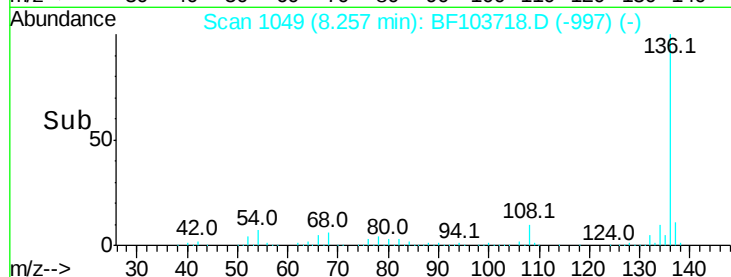
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 664876
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 6.7	6.6 9.8
68 6.1	5.0 7.4

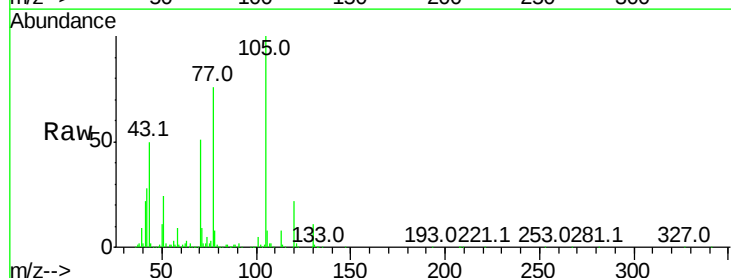


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

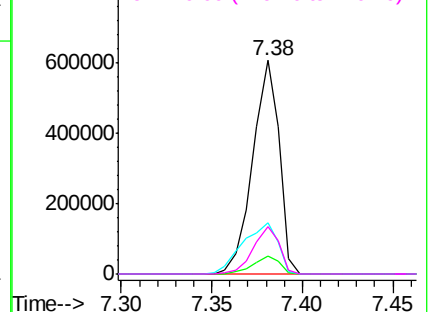
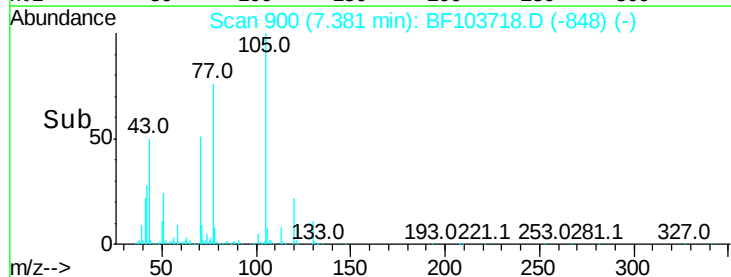


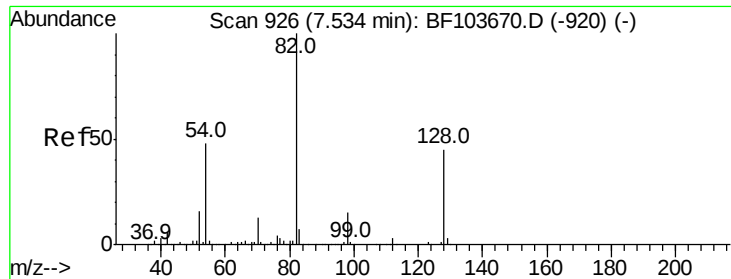
#22
Acetophenone
Concen: 35.899 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt	Ion:105	Resp:	613430
Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.4	6.6#
51	24.0	22.3	33.5
120	22.0	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

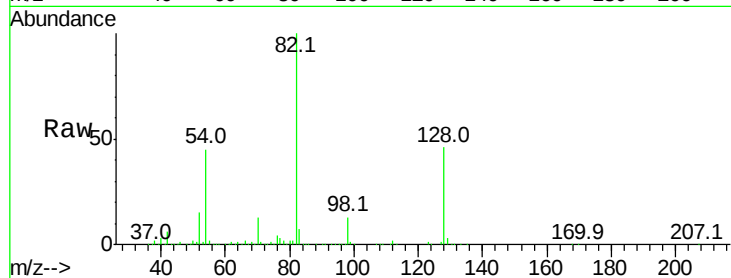




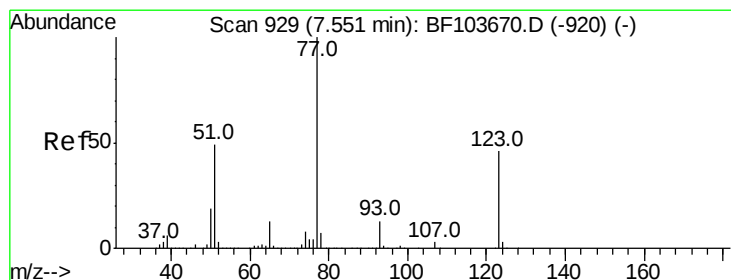
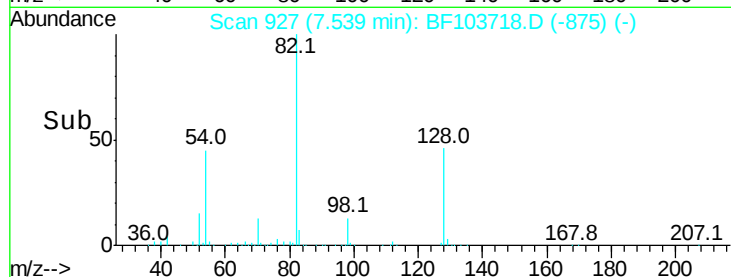
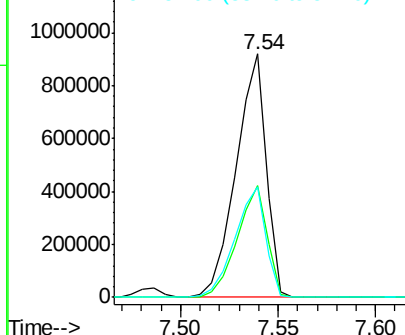
#23
 Nitrobenzene-d5
 Concen: 102.924 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 981300
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 45.4 41.4 62.2

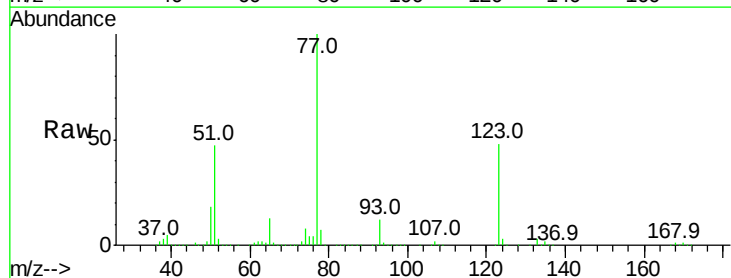


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

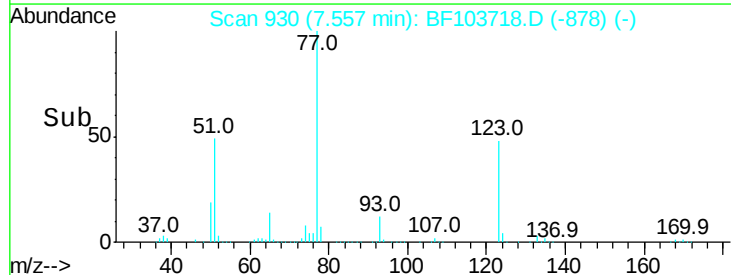
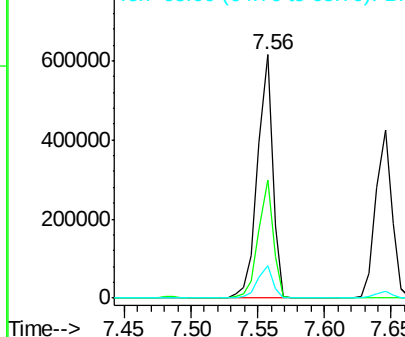


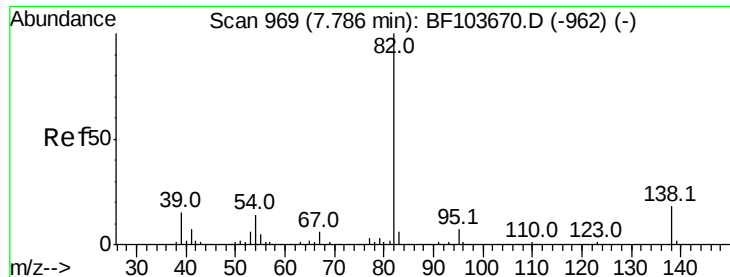
#24
 Nitrobenzene
 Concen: 42.450 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion: 77 Resp: 475150
 Ion Ratio Lower Upper
 77 100
 123 48.3 37.9 56.9
 65 13.2 11.0 16.4



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





#25

Isophorone

Concen: 40.330 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

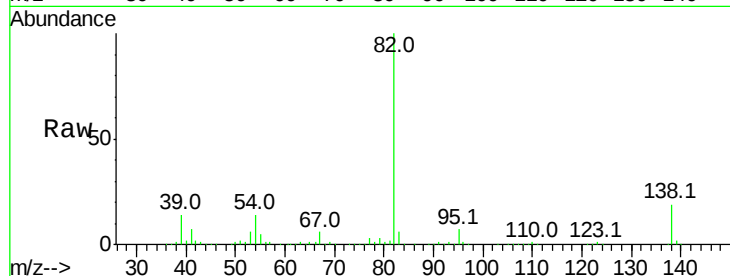
Tot Ion: 82 Resp: 890131

Ion Ratio Lower Upper

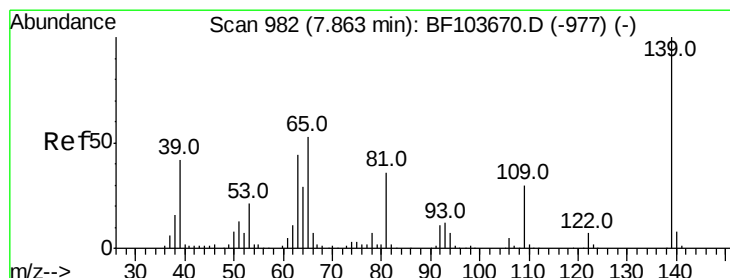
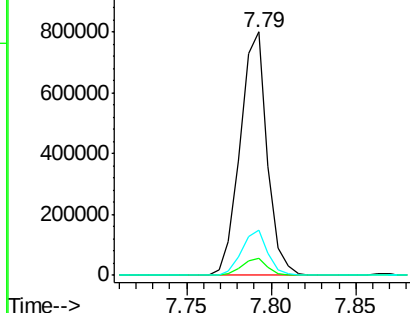
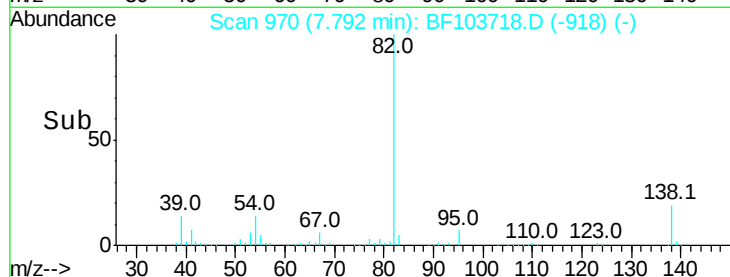
82 100

95 7.0 5.2 7.8

138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.549 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

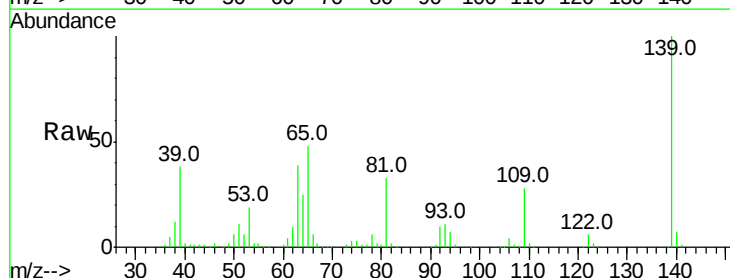
Tgt Ion: 139 Resp: 196719

Ion Ratio Lower Upper

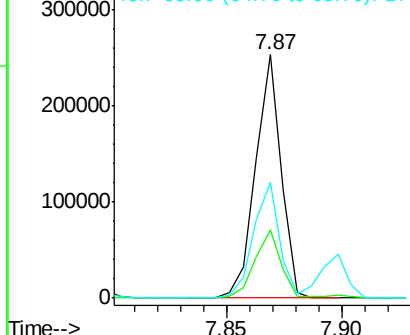
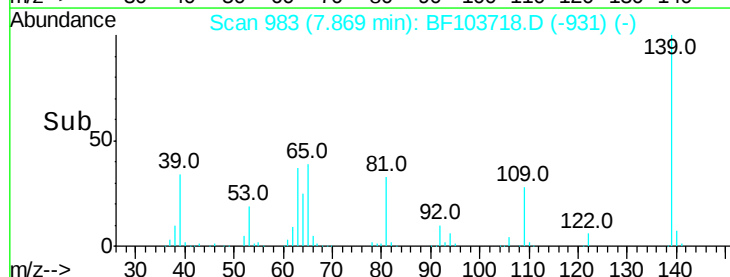
139 100

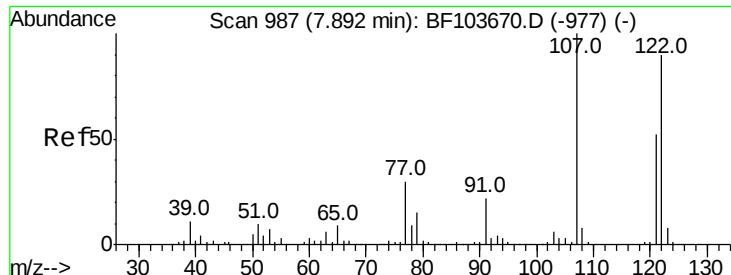
109 28.2 22.7 34.1

65 47.7 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

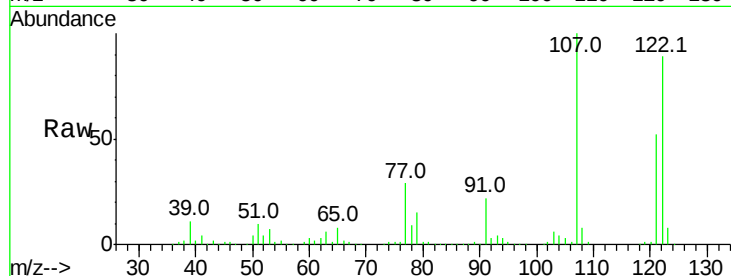




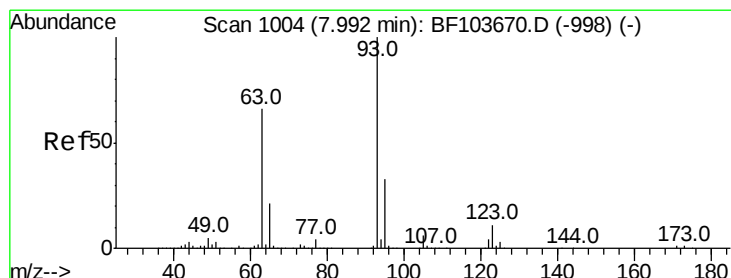
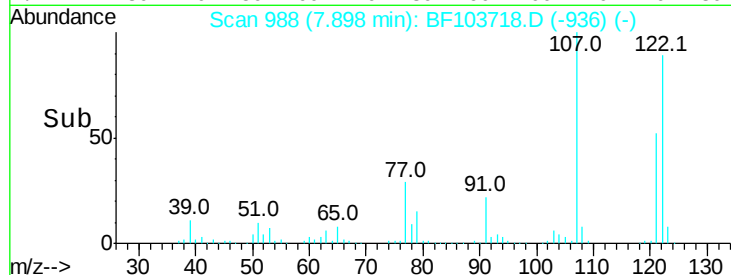
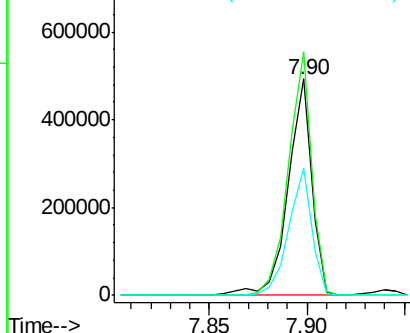
#27
 2,4-Dimethylphenol
 Concen: 44.024 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 416257
 Ion Ratio Lower Upper
 122 100
 107 112.6 91.2 136.8
 121 58.8 47.2 70.8

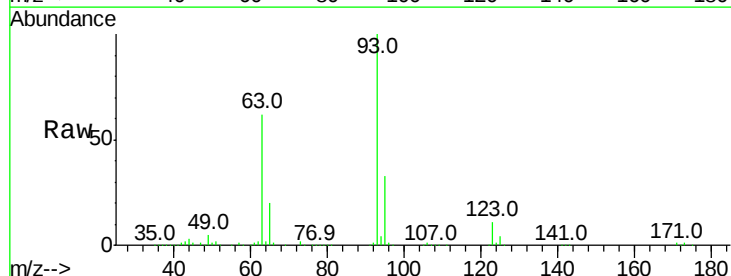


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

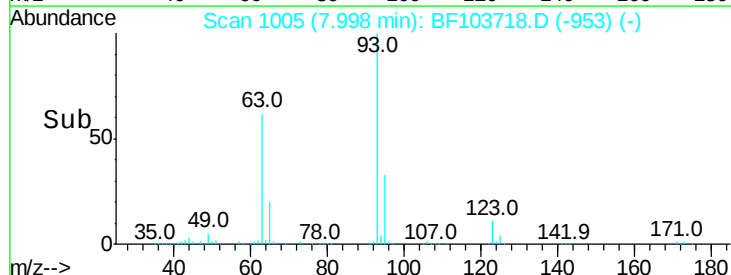
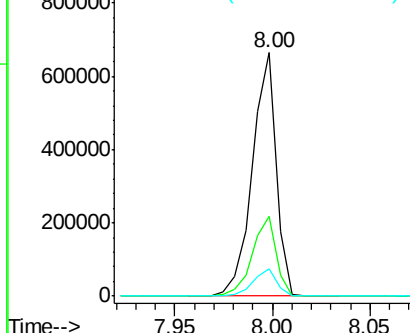


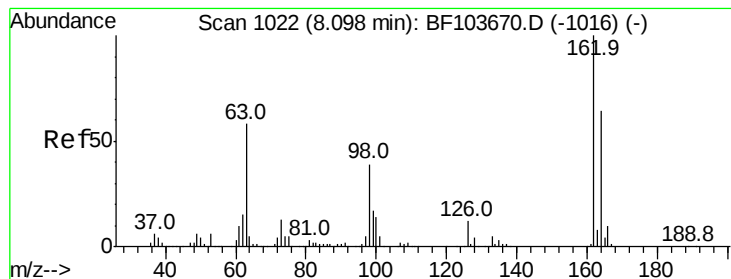
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.163 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion: 93 Resp: 563500
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.5 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: 41.894 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

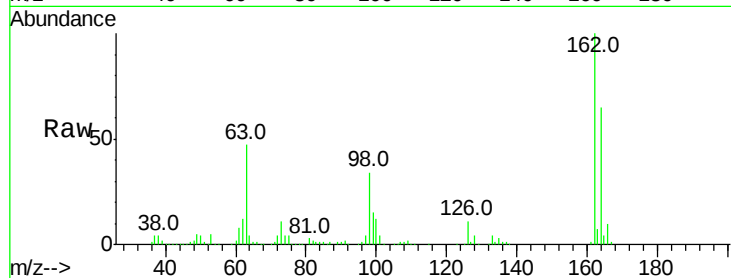
Tot Ion:162 Resp: 360384

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

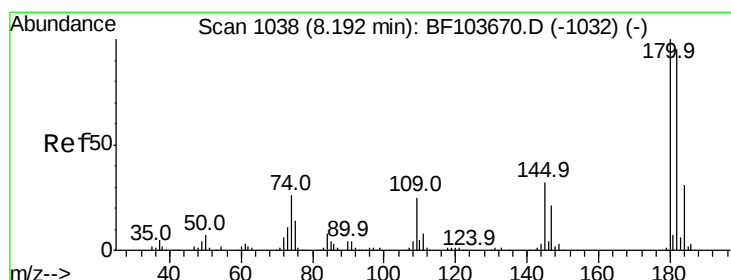
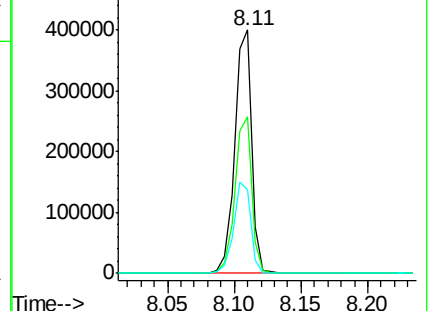
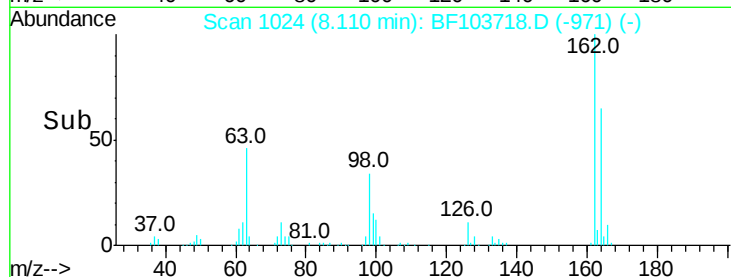
98 34.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.504 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

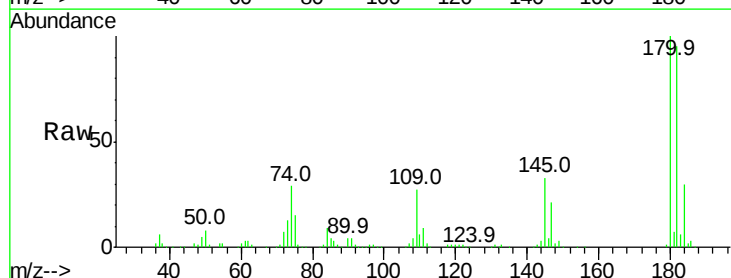
Tgt Ion:180 Resp: 364216

Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

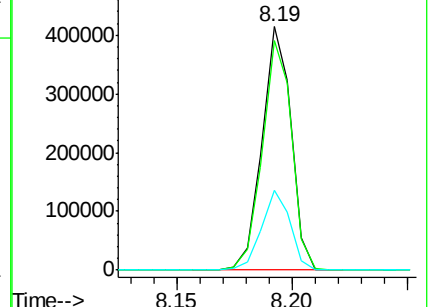
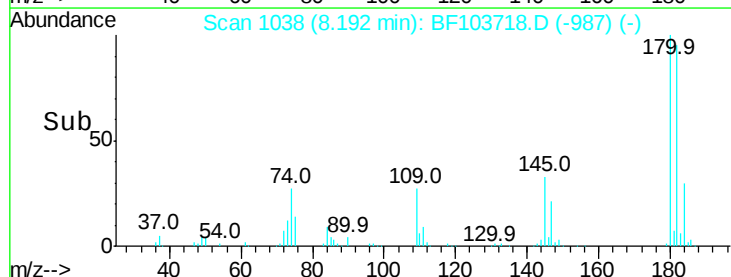
145 33.0 26.5 39.7

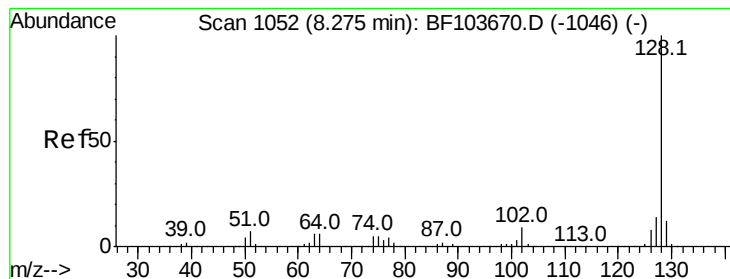


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.602 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

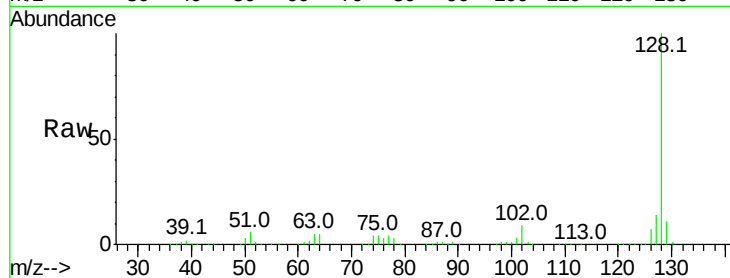
Tot Ion:128 Resp: 1262899

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

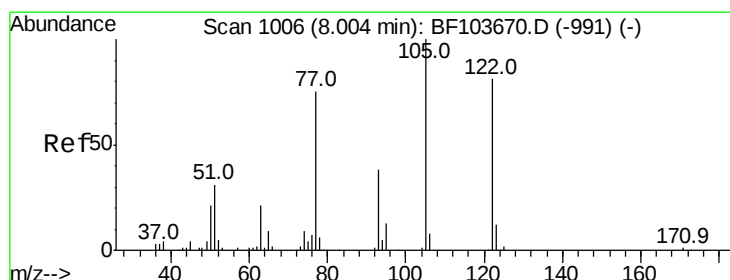
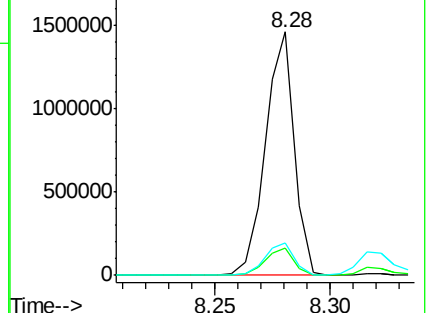
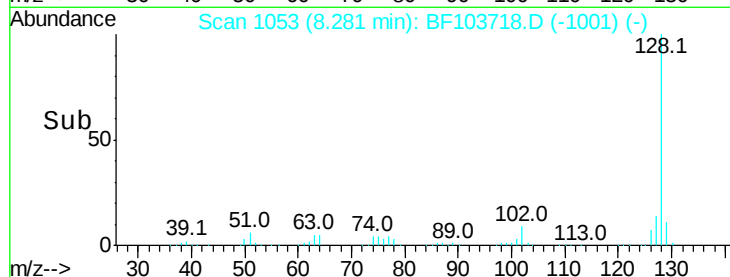
127 13.5 10.9 16.3



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: 59.422 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.11 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

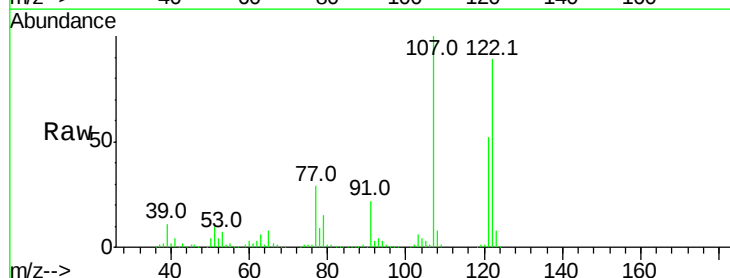
Tgt Ion:122 Resp: 416257

Ion Ratio Lower Upper

122 100

105 3.8 101.1 141.1#

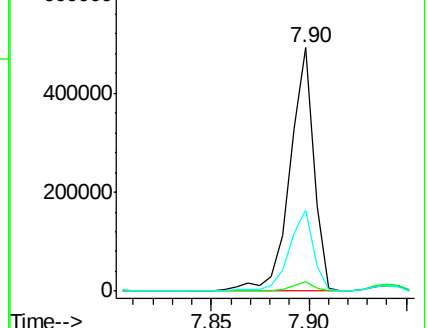
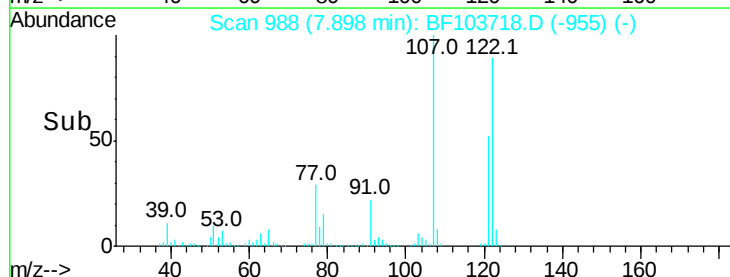
77 33.1 70.7 110.7#

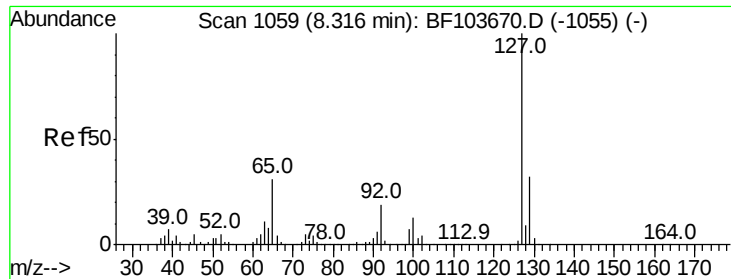


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

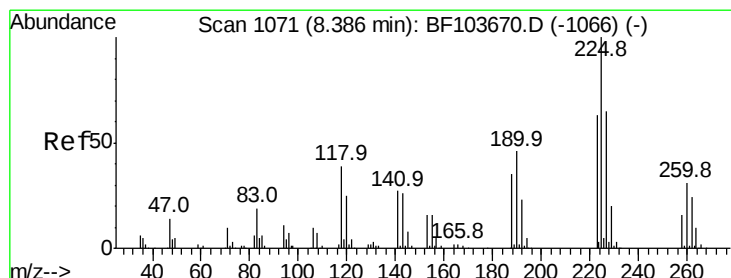
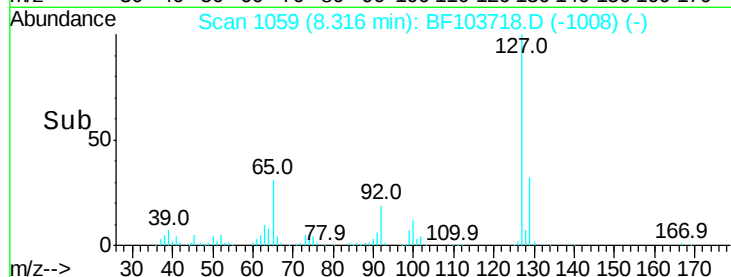
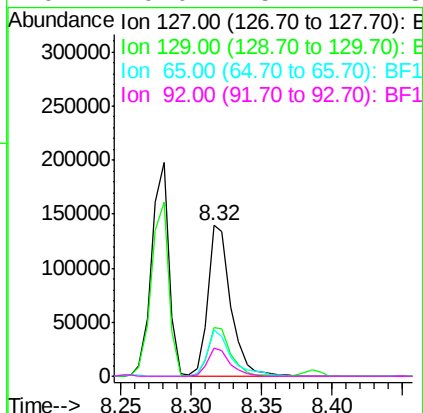
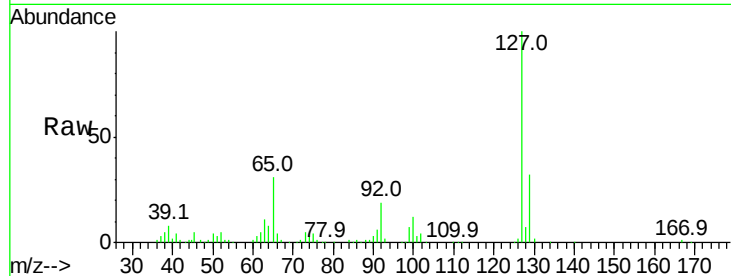




#33
4-Chloroaniline
Concen: 11.213 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

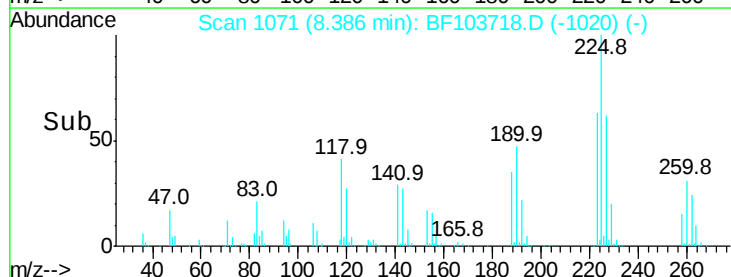
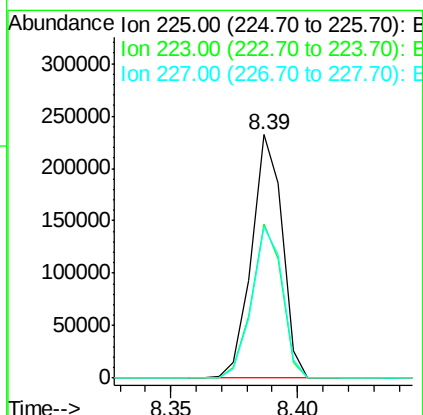
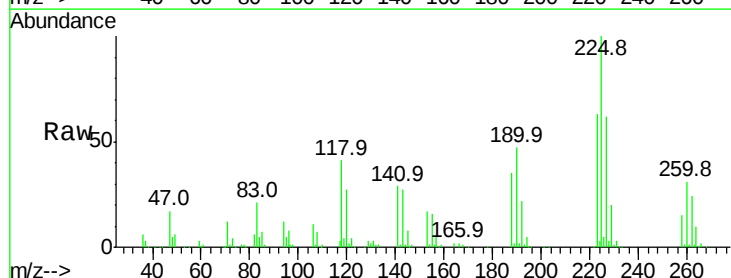
Instrument :
BNA_F
ClientSampleId :

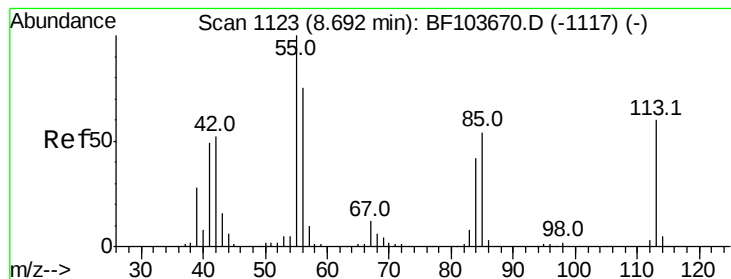
Tot Ion:	127	Resp:	158003
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	30.6	25.0	37.4
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.790 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:	225	Resp:	195780
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	62.1	51.9	77.9





#35

Caprolactam

Concen: 38.249 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

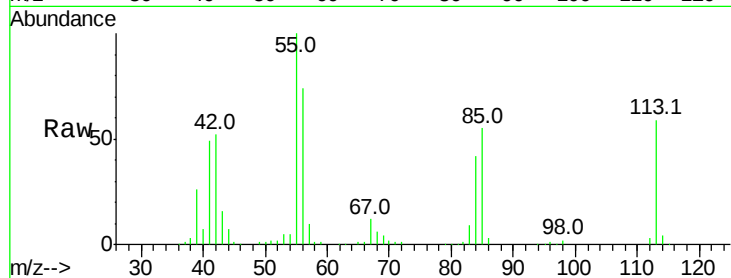
Tot Ion:113 Resp: 113297

Ion Ratio Lower Upper

113 100

55 169.0 163.3 203.3

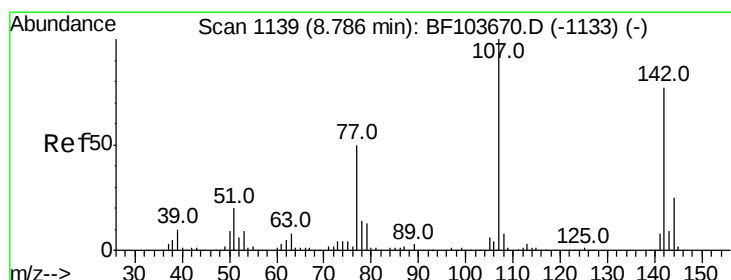
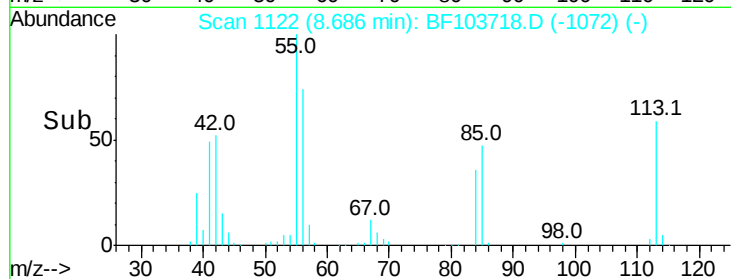
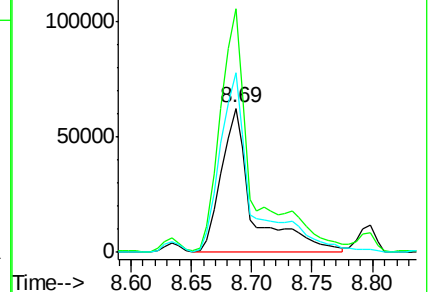
56 124.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.714 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

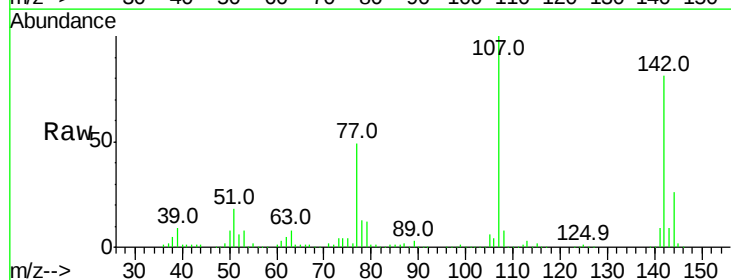
Tgt Ion:107 Resp: 386106

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

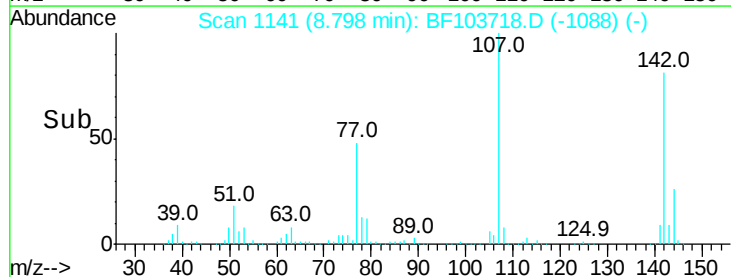
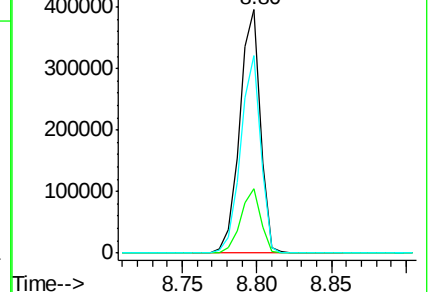
142 81.1 62.0 93.0

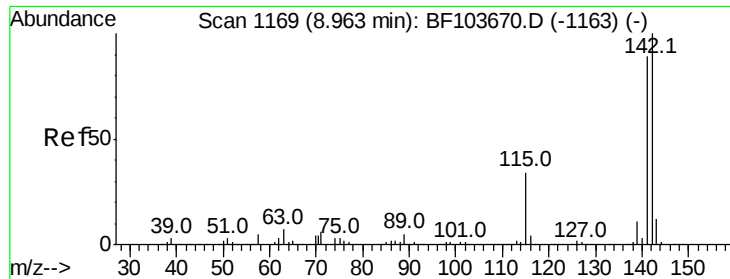


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

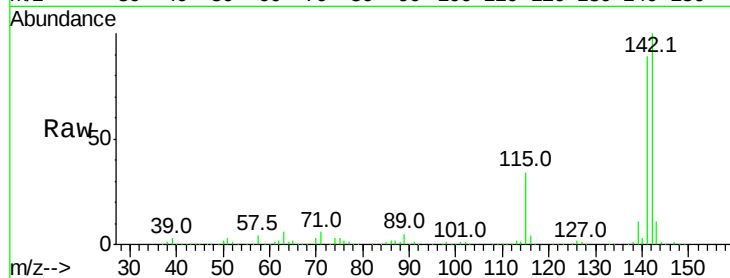




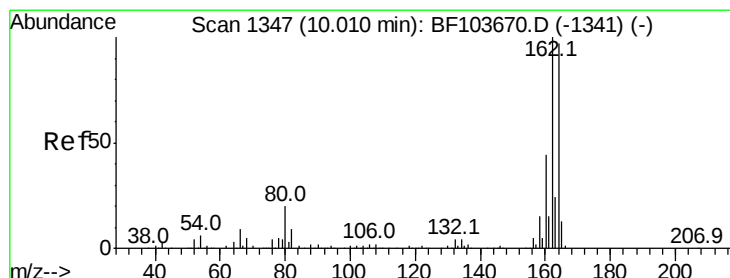
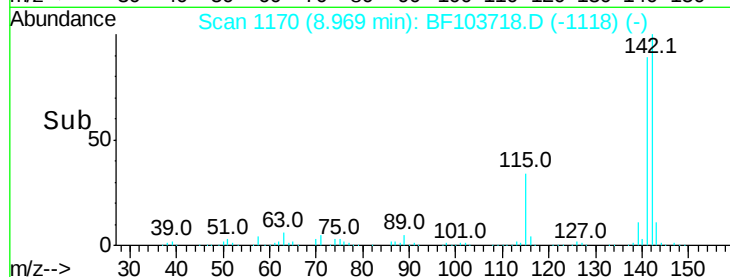
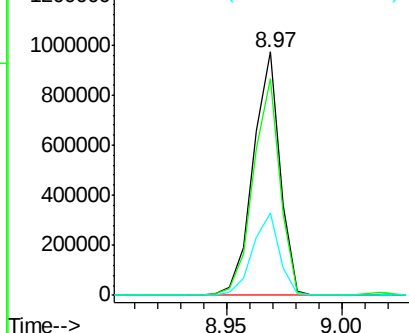
#37
2-Methylnaphthalene
Concen: 37.049 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 789108
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2
115 34.1 26.1 39.1

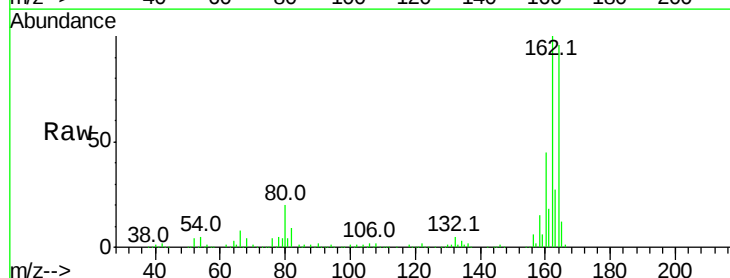


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

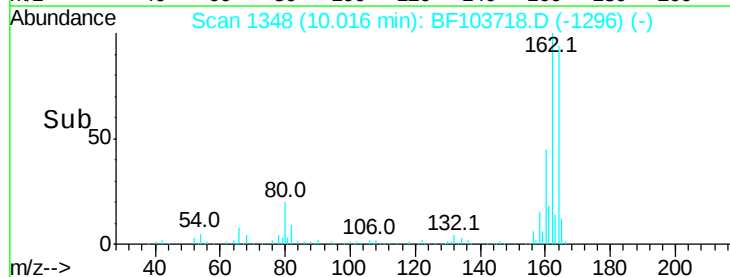
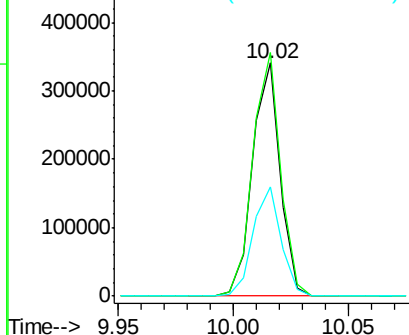


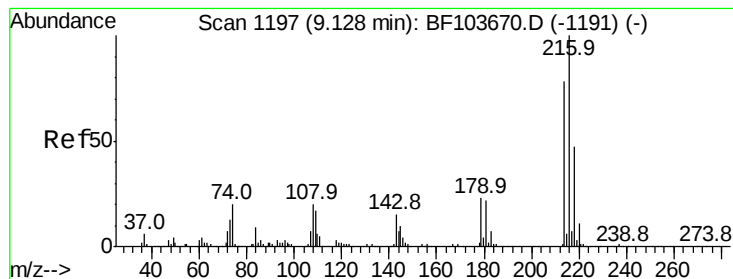
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:164 Resp: 285544
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 46.9 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: 39.473 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 321557

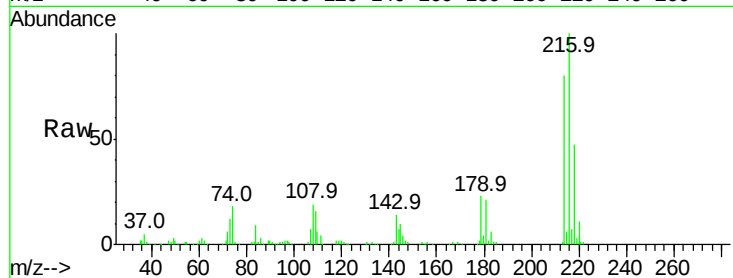
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 23.1 18.1 27.1

108 20.8 17.2 25.8

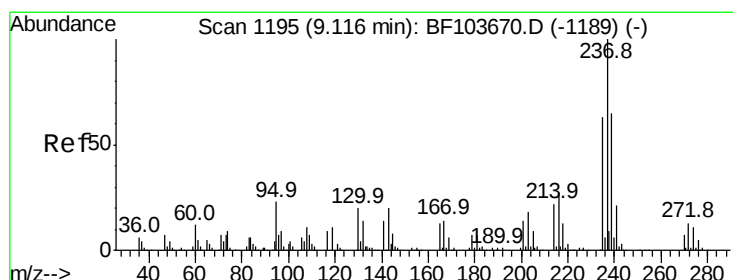
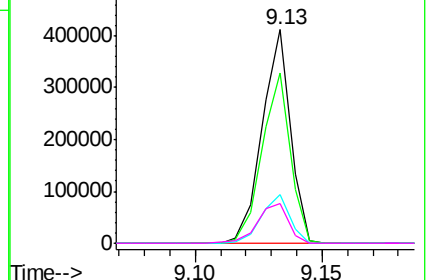
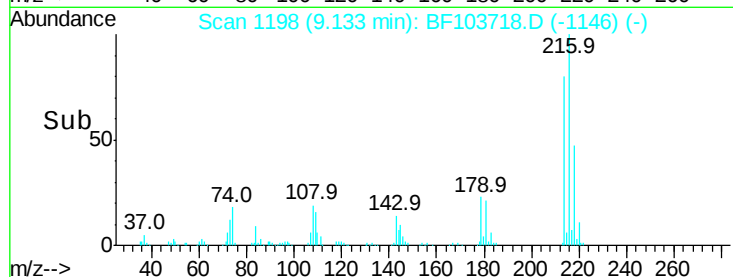


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 14.875 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

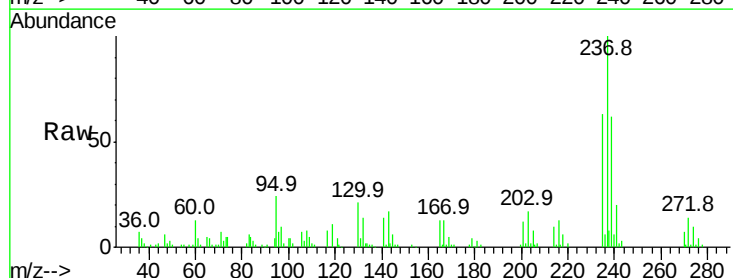
Tgt Ion:237 Resp: 62528

Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

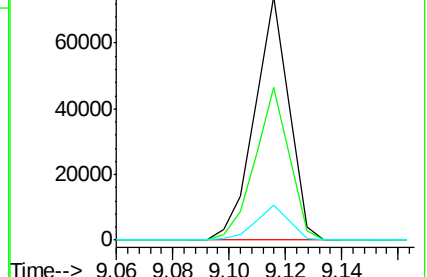
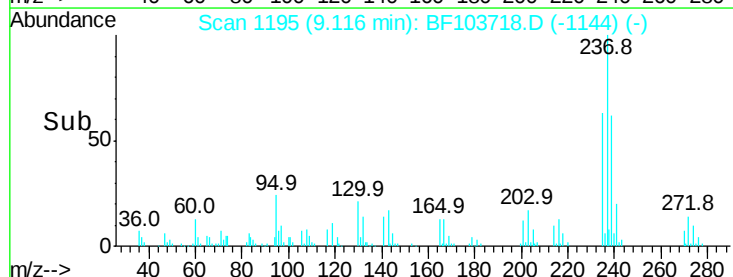
272 14.2 0.0 33.3

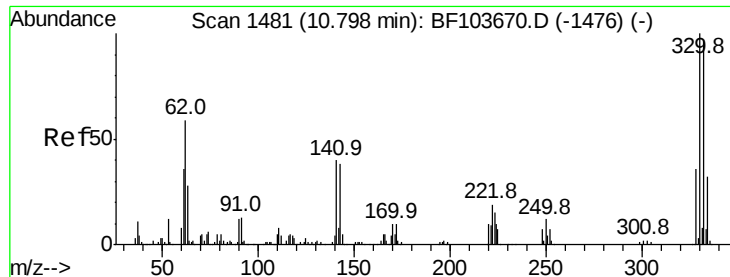


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

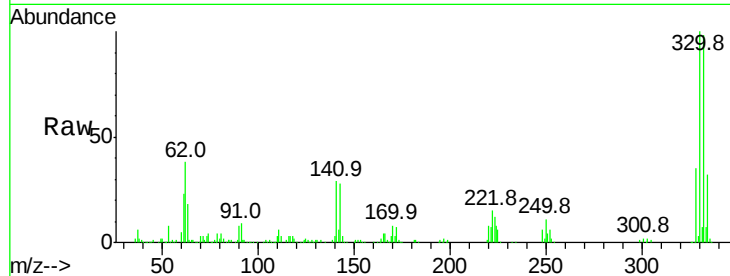




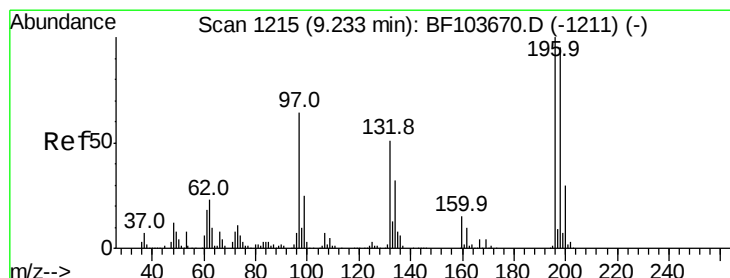
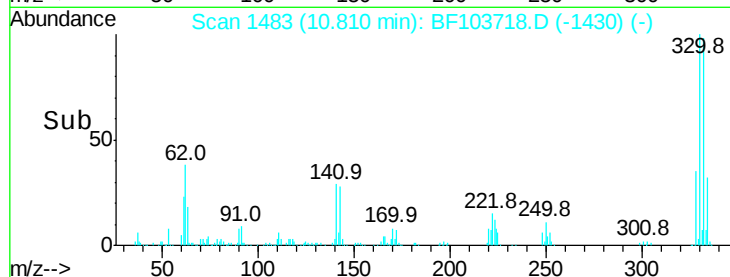
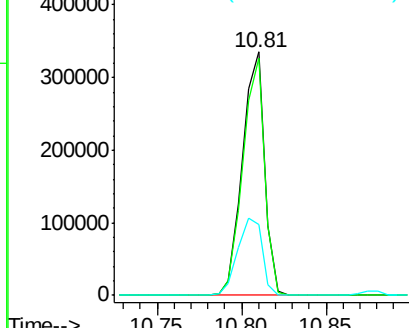
#41
 2,4,6-Tribromophenol
 Concen: 125.594 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.2	29.9	44.9

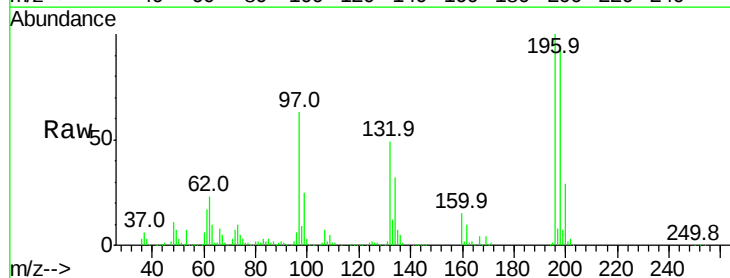


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

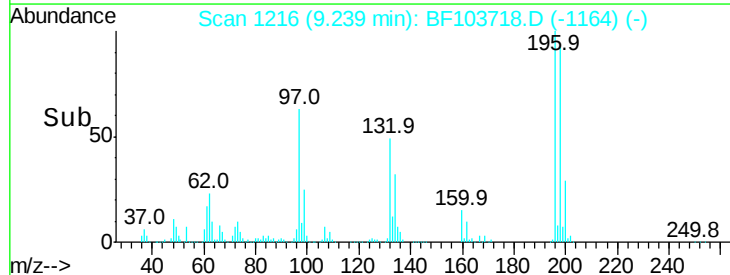
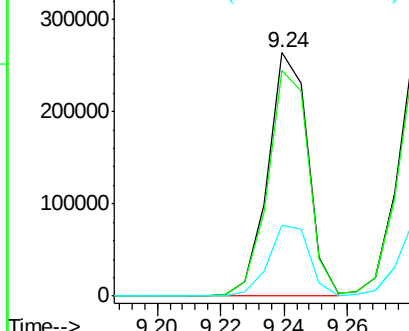


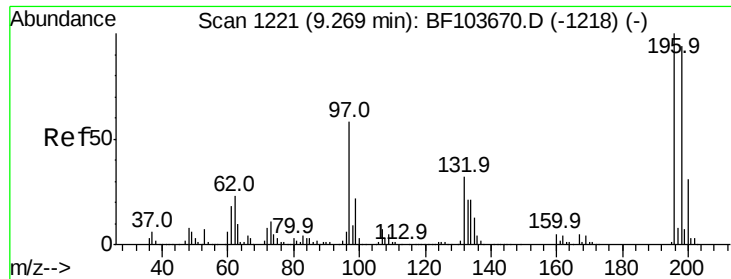
#42
 2,4,6-Trichlorophenol
 Concen: 44.529 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	75.7	113.5
200	29.3	24.5	36.7



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

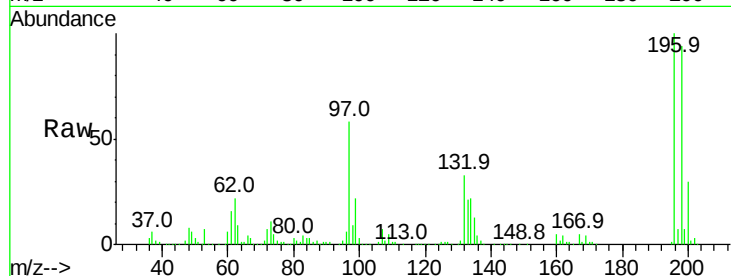




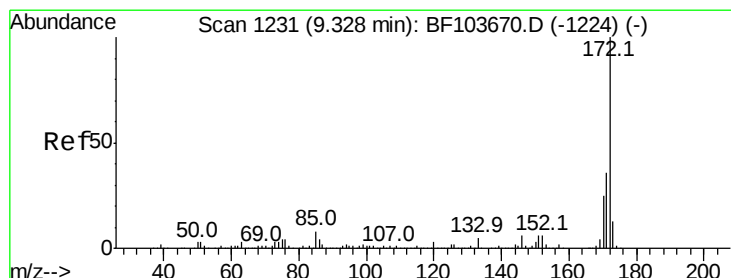
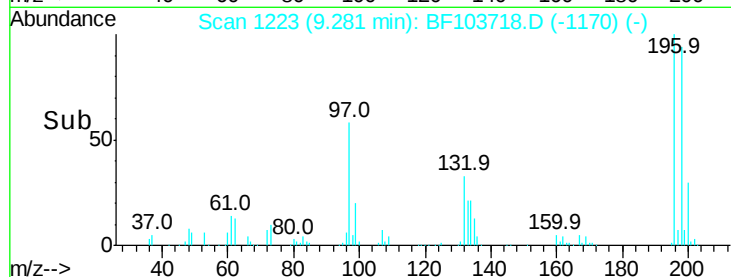
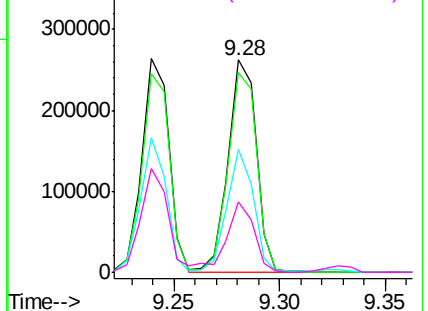
#43
 2,4,5-Trichlorophenol
 Concen: 41.128 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 241877
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.6 112.0
 97 58.2 42.9 64.3
 132 33.5 26.3 39.5

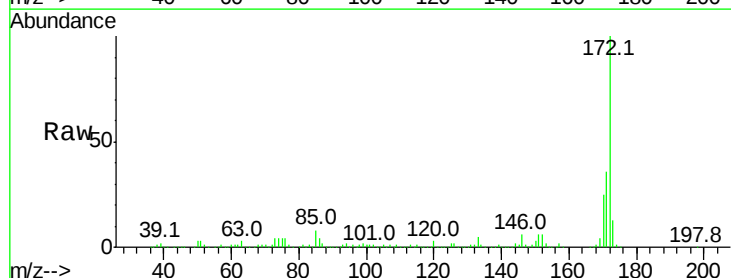


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

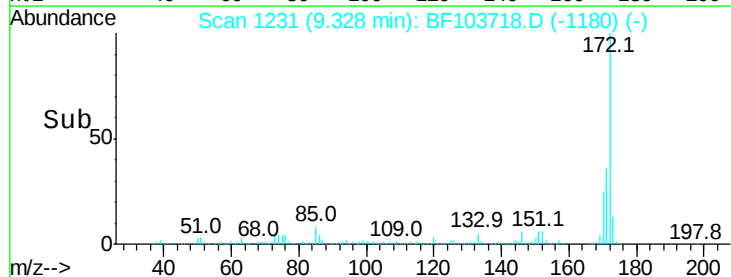
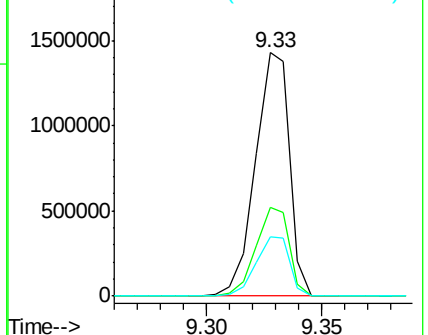


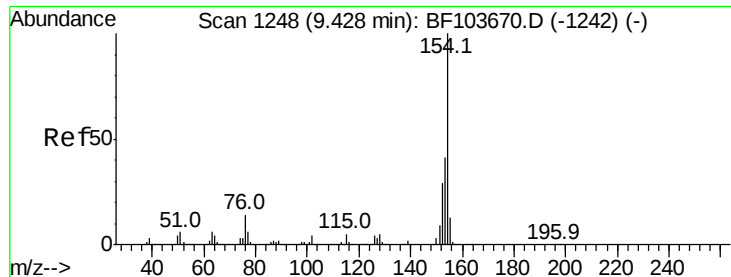
#44
 2-Fluorobiphenyl
 Concen: 81.981 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion:172 Resp: 1467520
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.6 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 37.696 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampled :

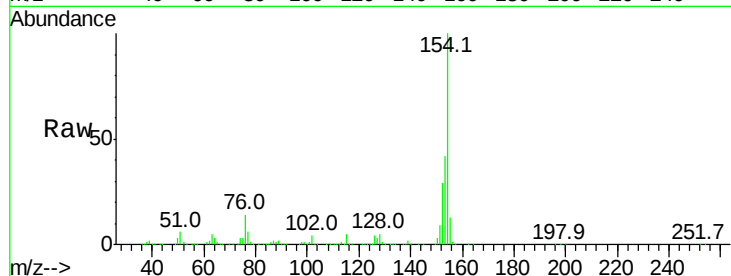
Tot Ion:154 Resp: 897557

Ion Ratio Lower Upper

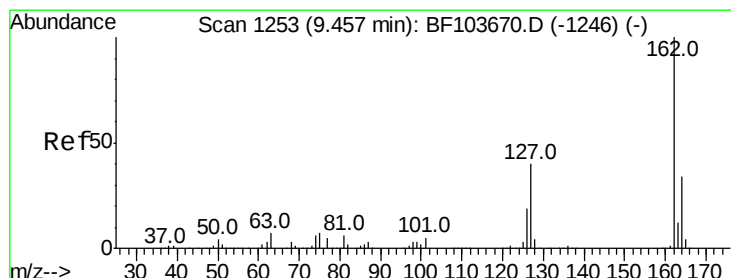
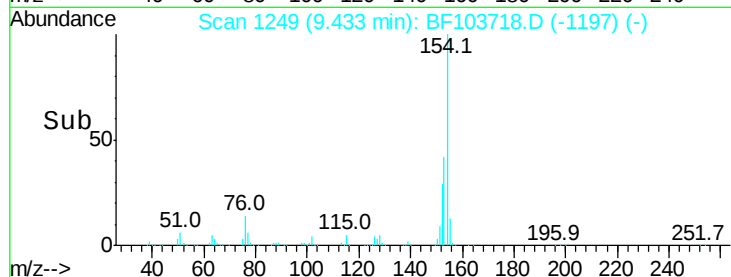
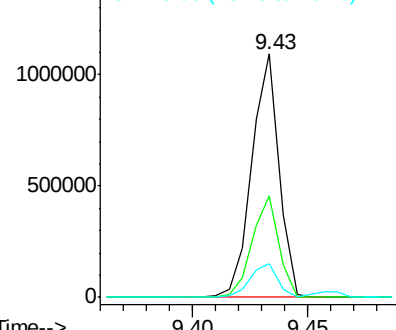
154 100

153 41.5 21.3 61.3

76 13.7 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 38.121 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

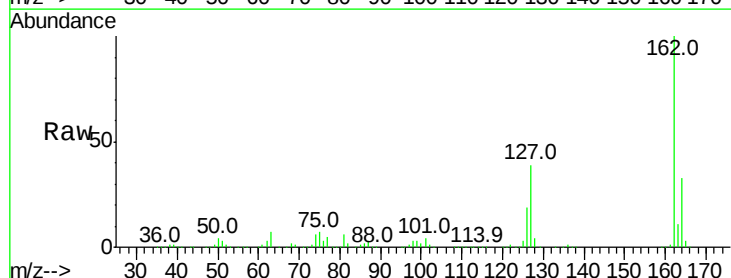
Tgt Ion:162 Resp: 720917

Ion Ratio Lower Upper

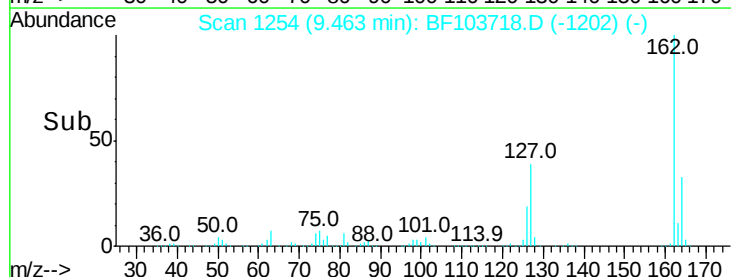
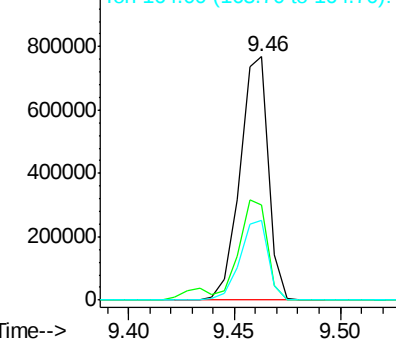
162 100

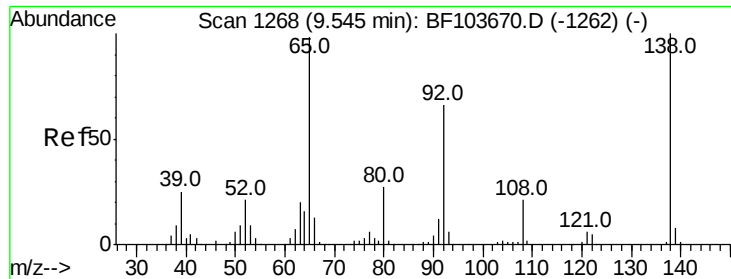
127 39.2 33.9 50.9

164 32.6 26.5 39.7



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

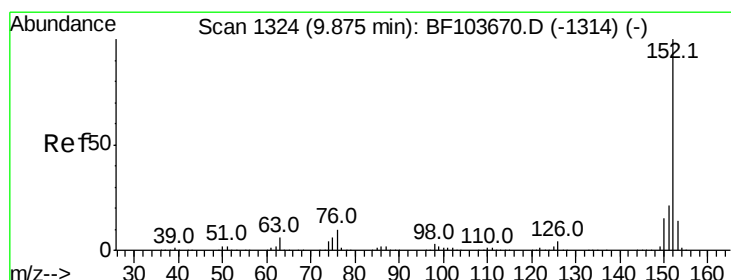
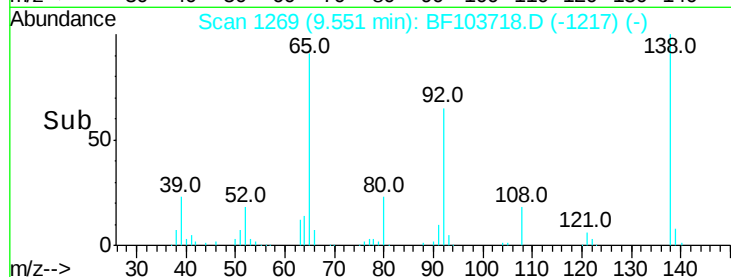
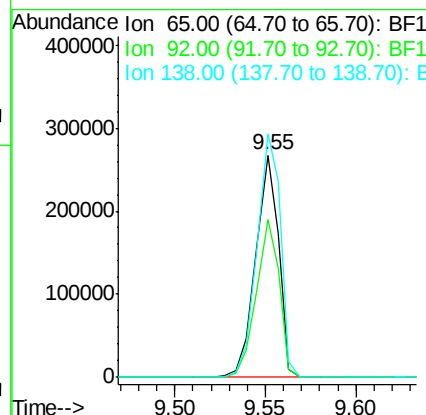
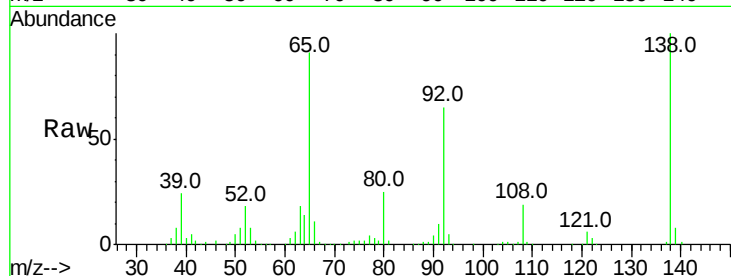




#47
2-Nitroaniline
Concen: 47.591 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

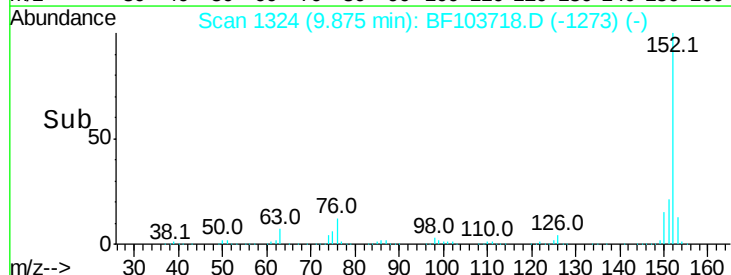
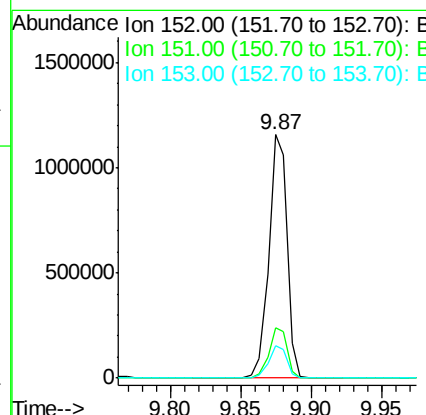
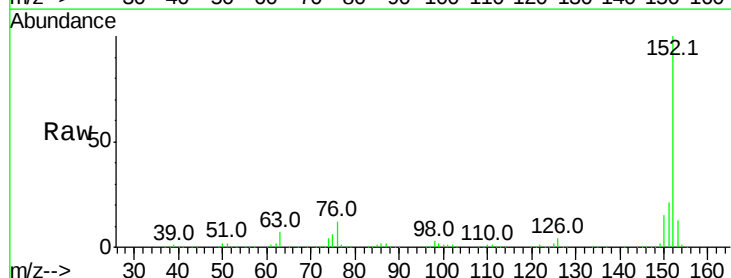
Instrument :
BNA_F
ClientSampleId :

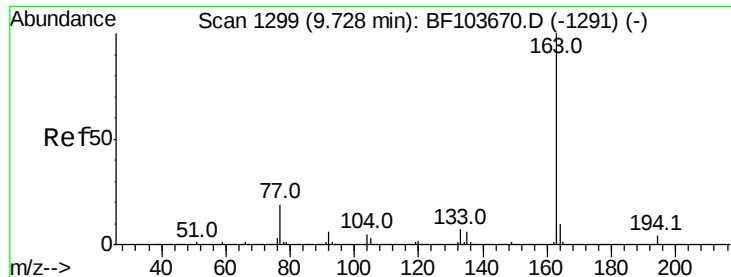
Tot Ion: 65 Resp: 235107
Ion Ratio Lower Upper
65 100
92 70.9 55.8 83.6
138 109.4 91.2 136.8



#48
Acenaphthylene
Concen: 36.175 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:152 Resp: 1060869
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.5 10.7 16.1

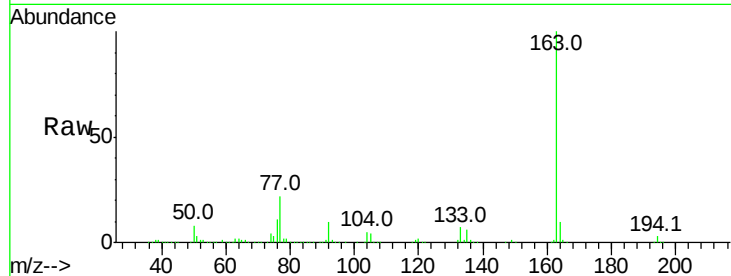




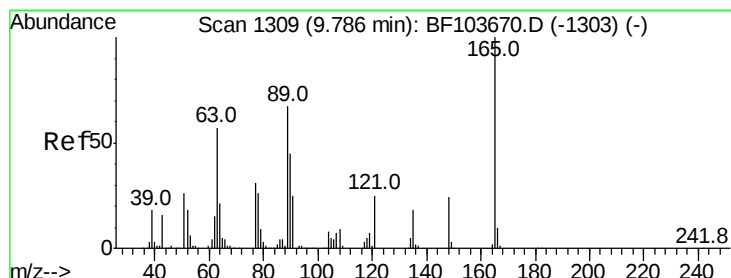
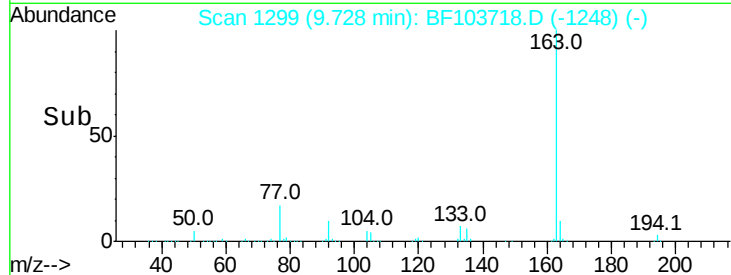
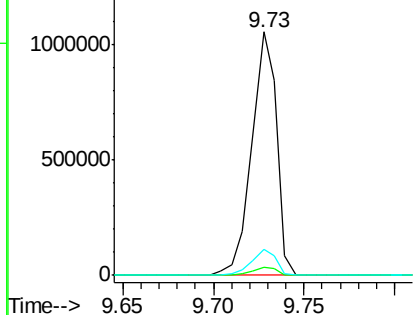
#49
Dimethylphthalate
Concen: 45.996 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1002041
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.5 8.2 12.2

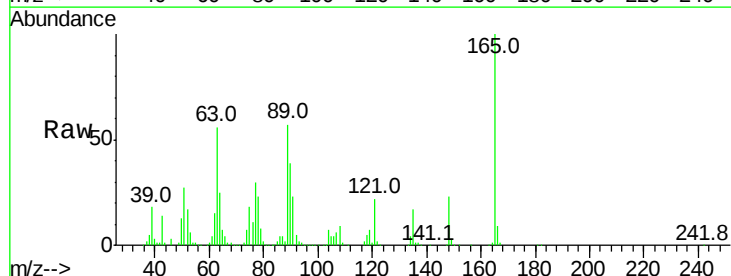


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

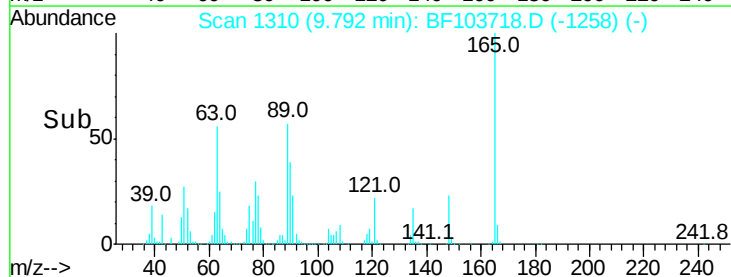
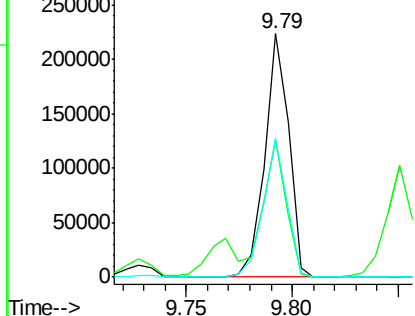


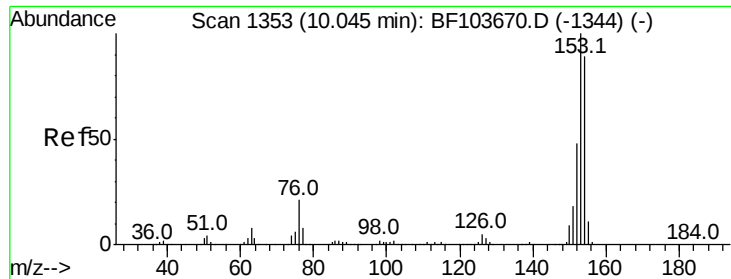
#50
2,6-Dinitrotoluene
Concen: 42.293 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:165 Resp: 176061
Ion Ratio Lower Upper
165 100
63 56.4 44.7 67.1
89 57.2 44.0 66.0



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





#51

Acenaphthene

Concen: 35.739 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

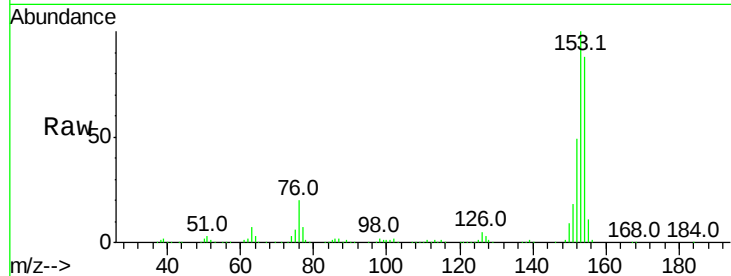
Tot Ion:154 Resp: 622315

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

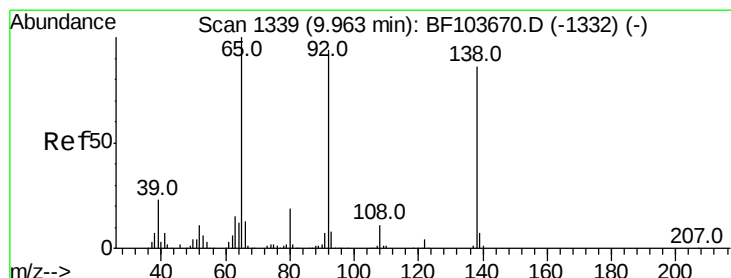
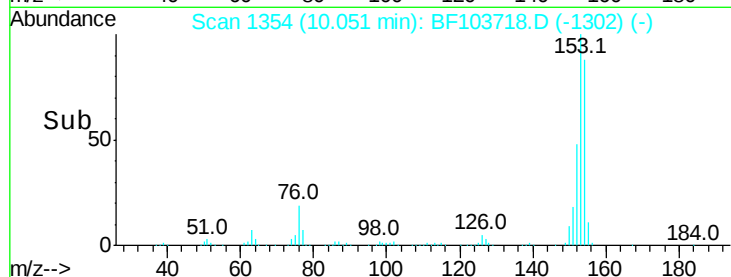
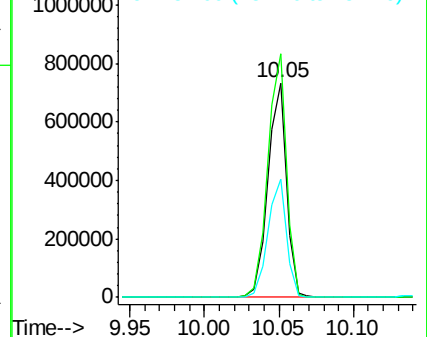
152 55.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.832 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

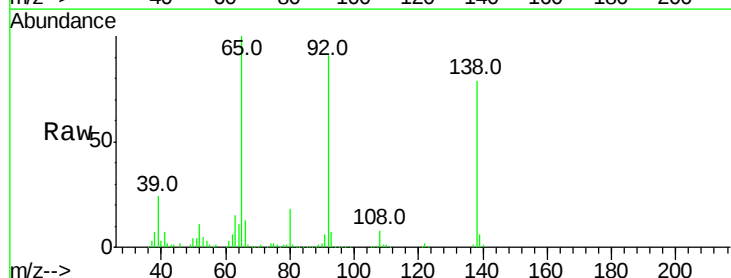
Tgt Ion:138 Resp: 175677

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

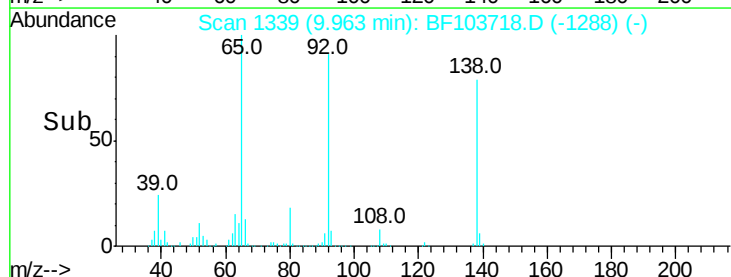
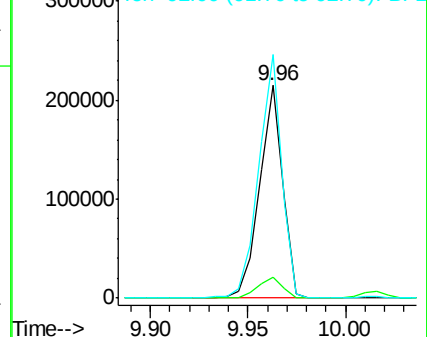
92 114.6 89.4 134.2

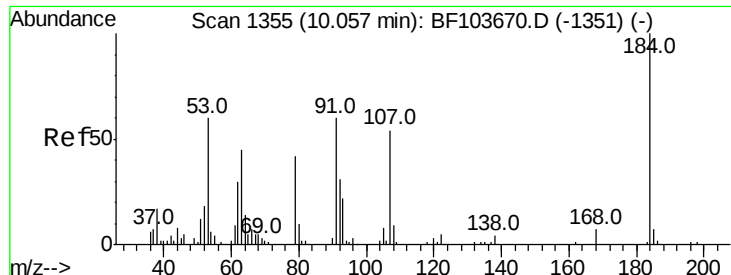


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

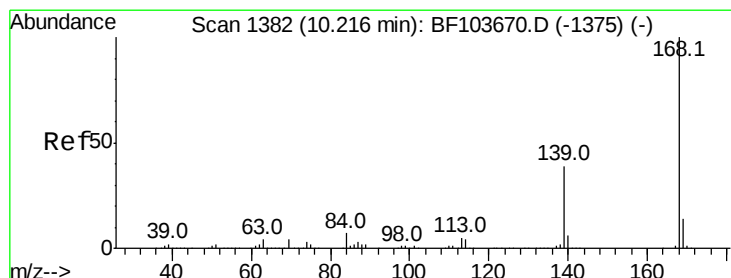
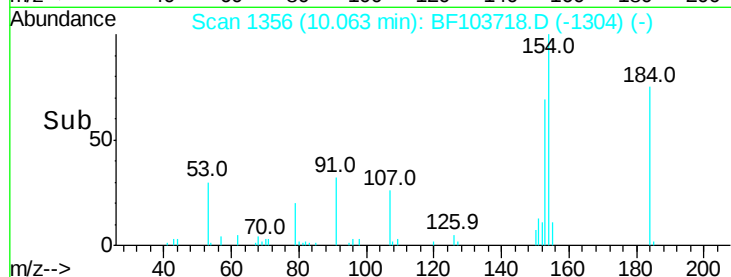
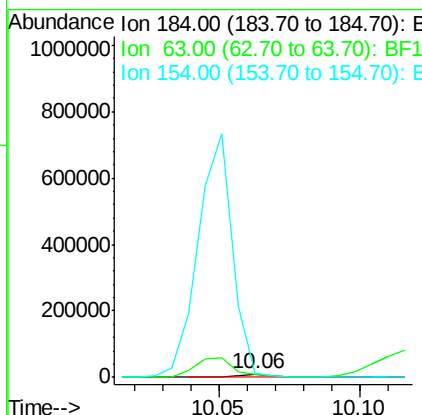
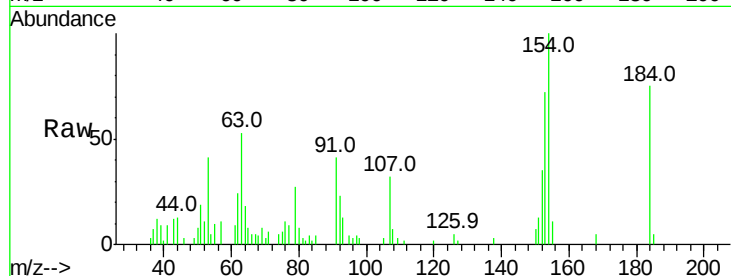




#53
 2,4-Dinitrophenol
 Concen: 18.257 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

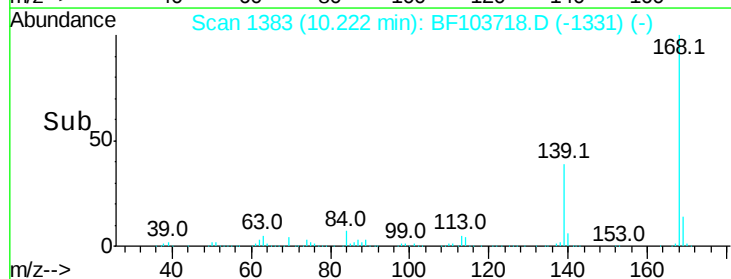
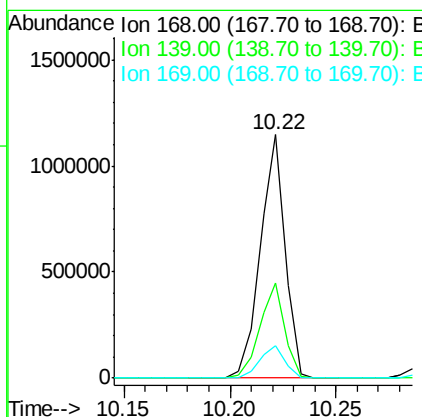
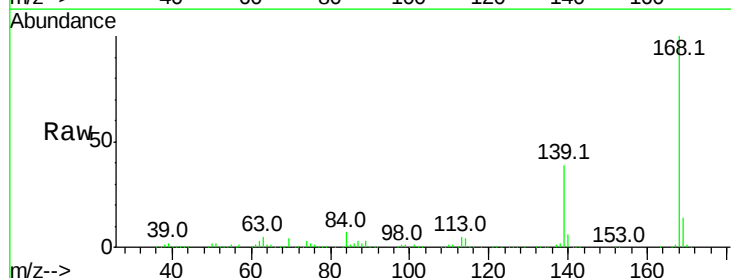
Instrument :
 BNA_F
 ClientSampled :

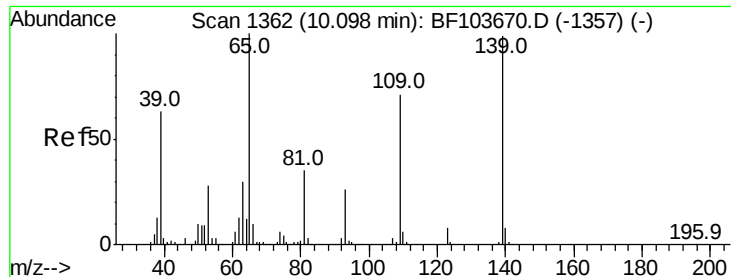
Tot Ion:184 Resp: 7946
 Ion Ratio Lower Upper
 184 100
 63 70.5 54.2 81.2
 154 132.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.603 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion:168 Resp: 935151
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.5 10.9 16.3

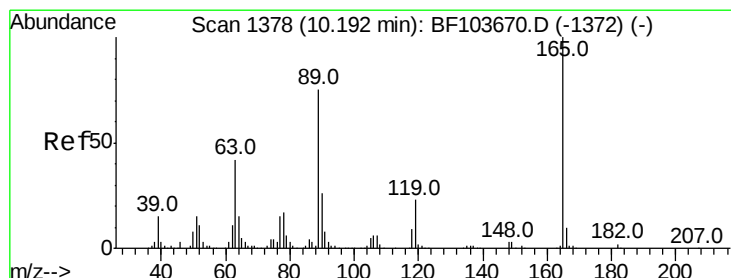
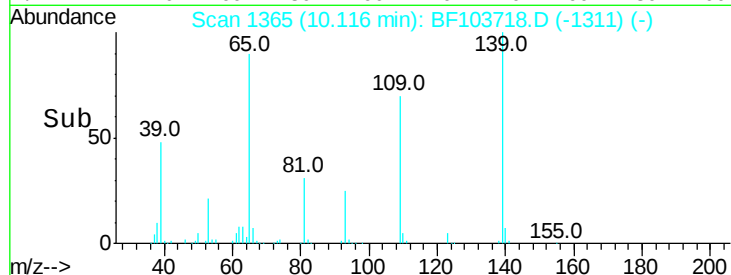
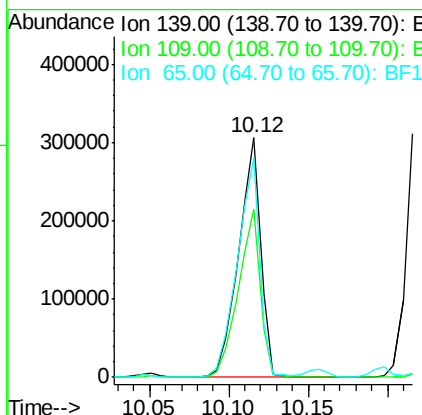
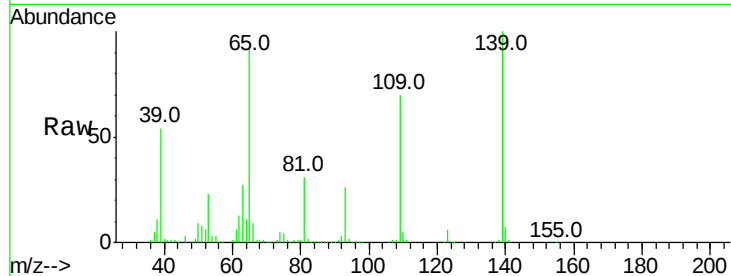




#55
4-Nitrophenol
Concen: 74.481 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

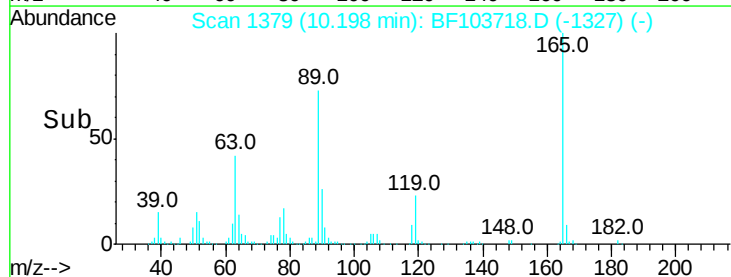
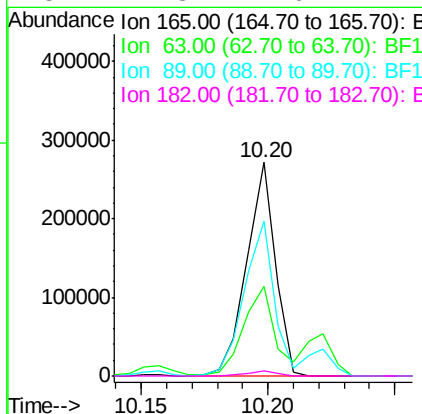
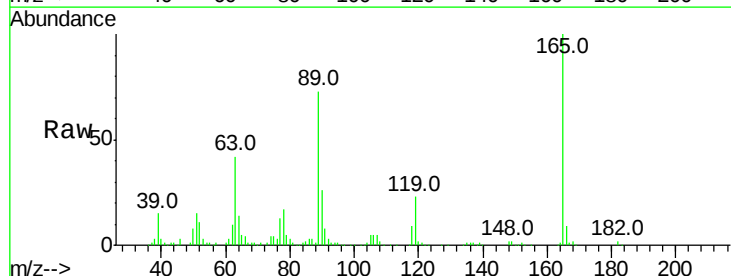
Instrument :
BNA_F
ClientSampleId :

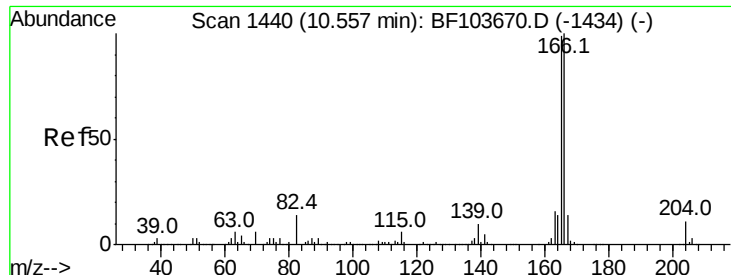
Tot Ion:139 Resp: 295612
Ion Ratio Lower Upper
139 100
109 70.2 48.4 88.4
65 91.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.114 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:165 Resp: 214045
Ion Ratio Lower Upper
165 100
63 42.2 36.4 54.6
89 72.8 57.8 86.6
182 2.3 1.6 2.4

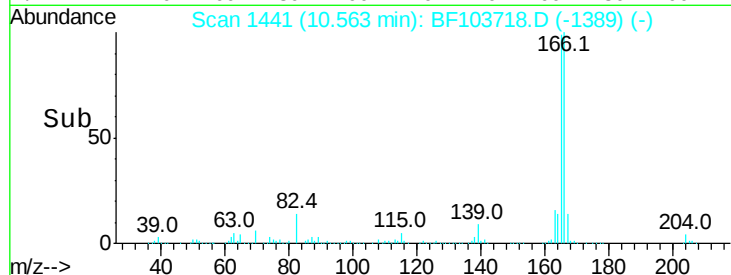
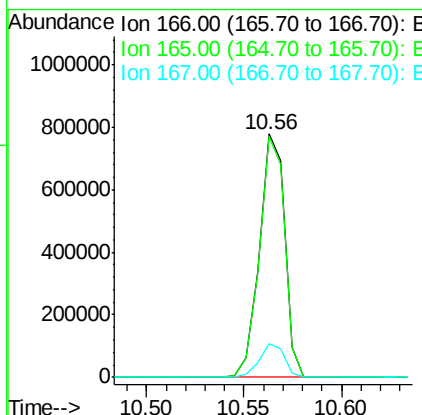
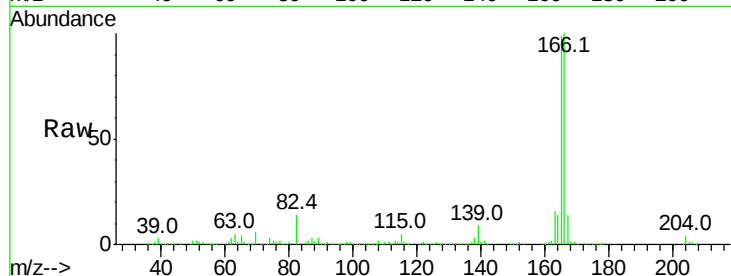




#57
 Fluorene
 Concen: 36.151 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

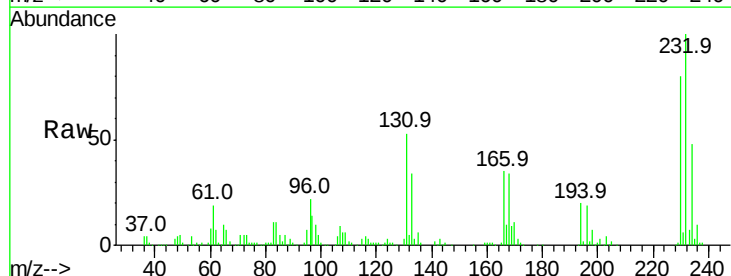
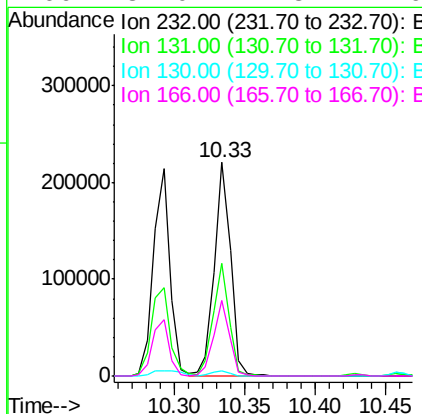
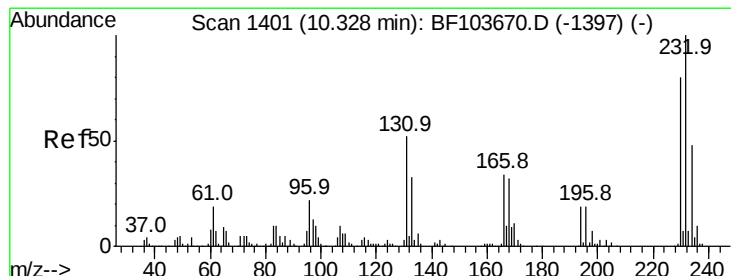
Instrument :
 BNA_F
 ClientSampleId :

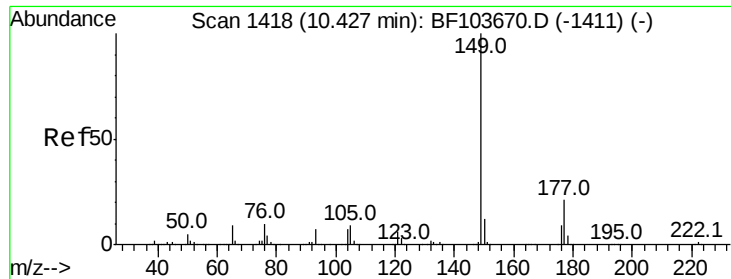
Tot Ion:166 Resp: 697634
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.801 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion:232 Resp: 178359
 Ion Ratio Lower Upper
 232 100
 131 51.6 43.8 65.8
 130 2.6 2.1 3.1
 166 34.0 27.8 41.6

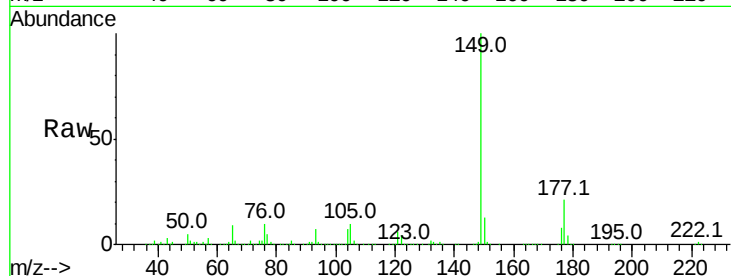




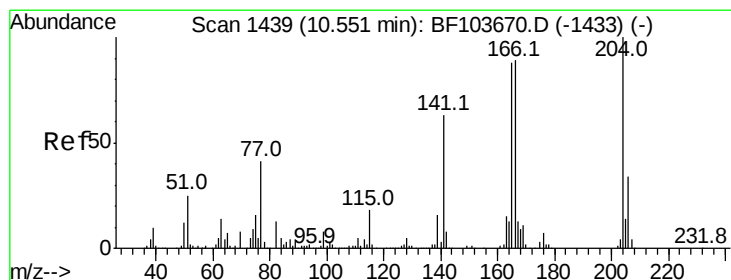
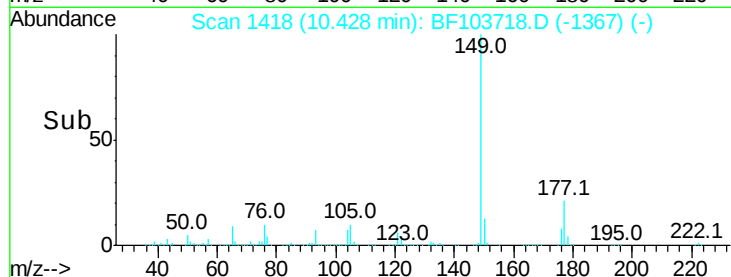
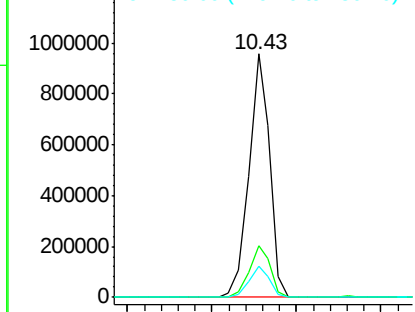
#59
Diethylphthalate
Concen: 38.060 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 822959
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.6 10.1 15.1

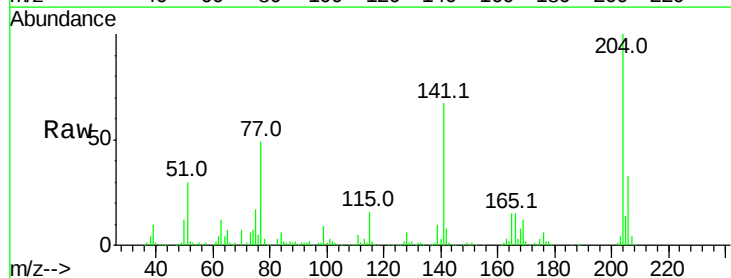


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

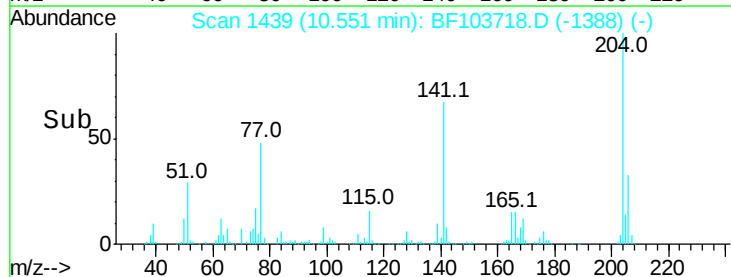
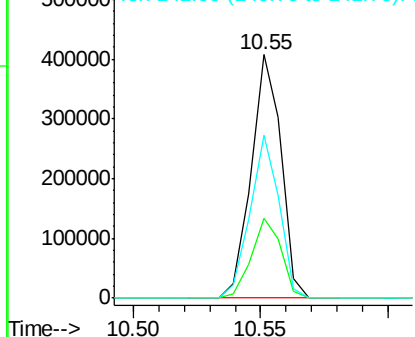


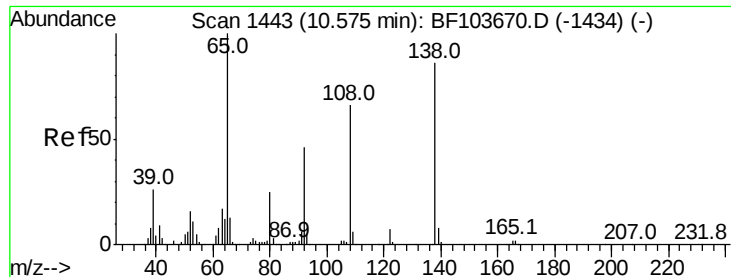
#60
4-Chlorophenyl-phenylether
Concen: 37.799 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:204 Resp: 333361
Ion Ratio Lower Upper
204 100
206 32.9 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

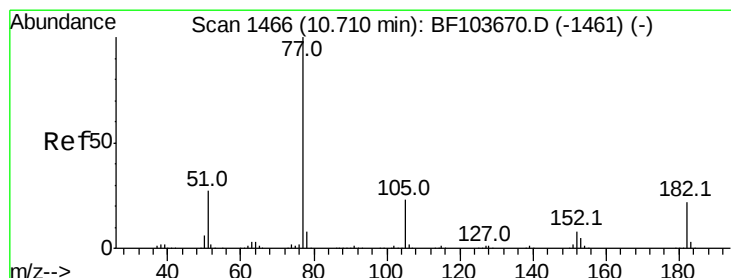
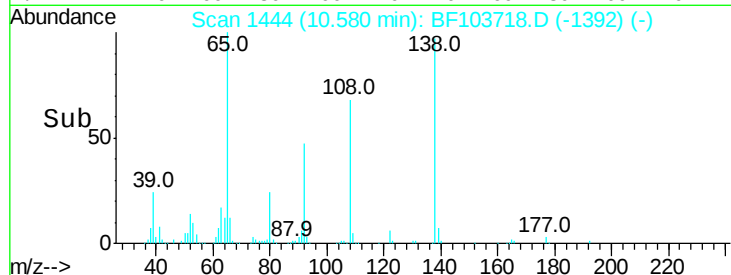
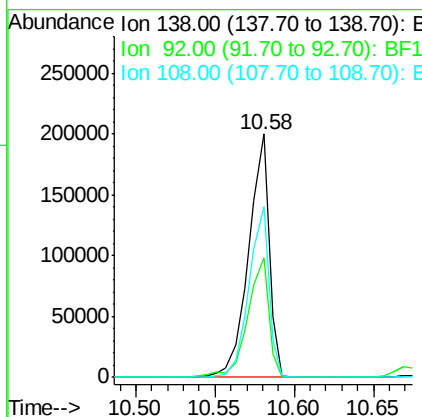
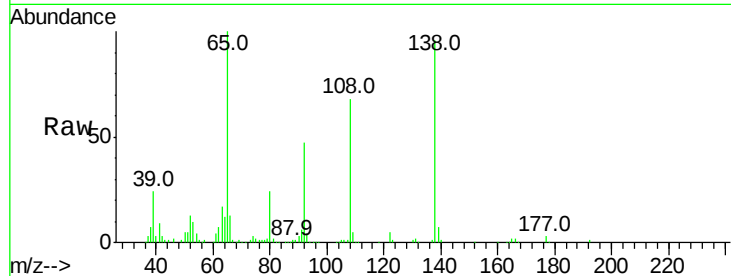




#61
4-Nitroaniline
Concen: 37.933 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

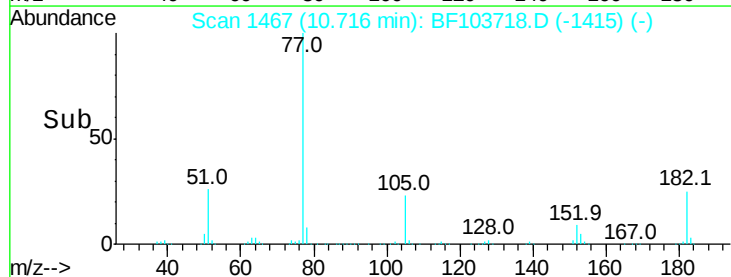
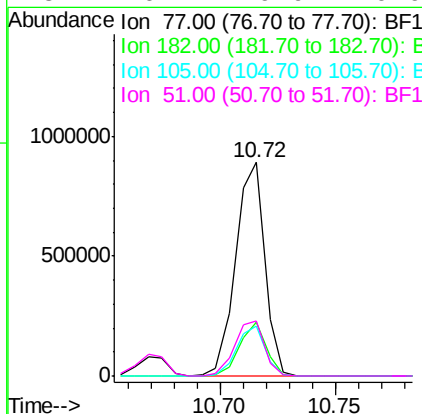
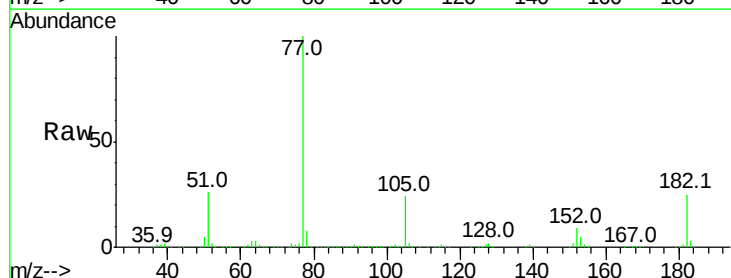
Instrument :
BNA_F
ClientSampled :

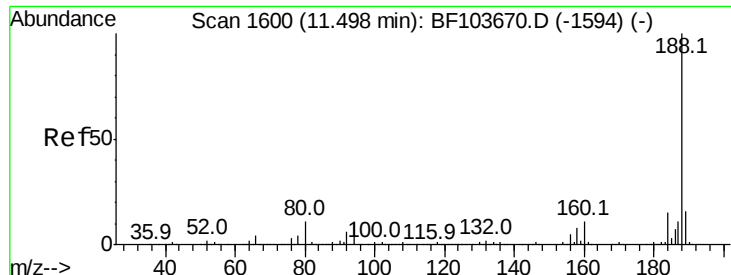
Tot Ion:138 Resp: 180251
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 70.3 52.5 92.5



#62
Azobenzene
Concen: 35.682 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion: 77 Resp: 784402
Ion Ratio Lower Upper
77 100
182 25.0 1.7 41.7
105 23.7 3.0 43.0
51 26.1 9.9 49.9

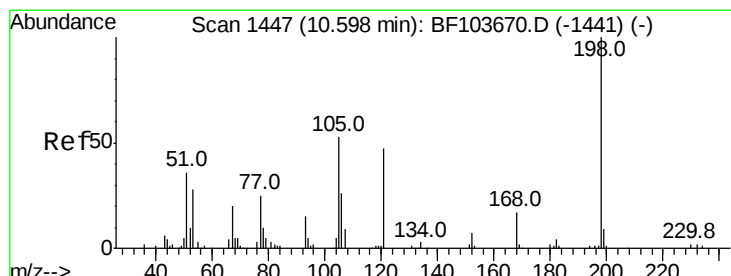
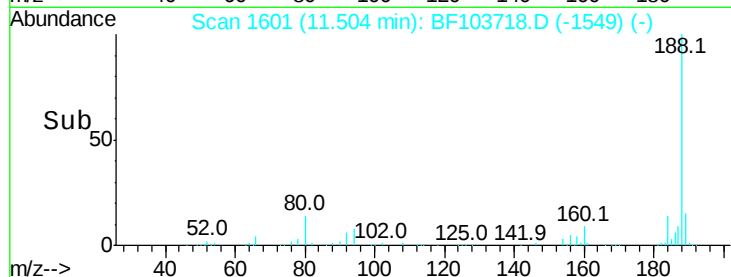
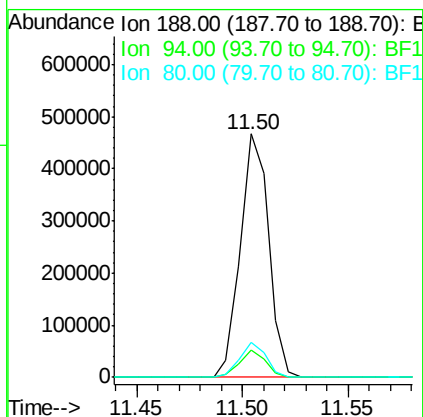
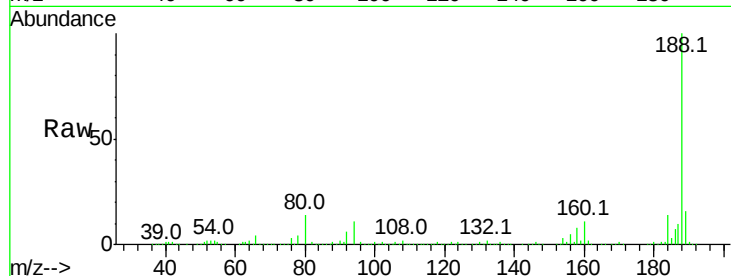




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

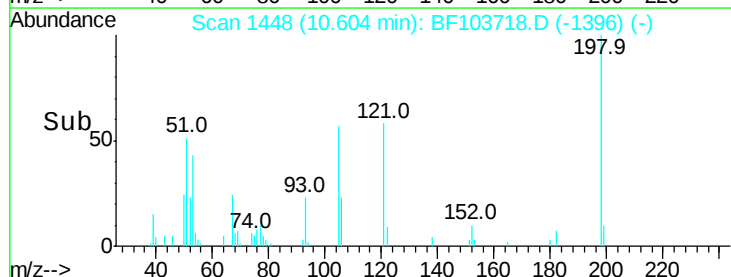
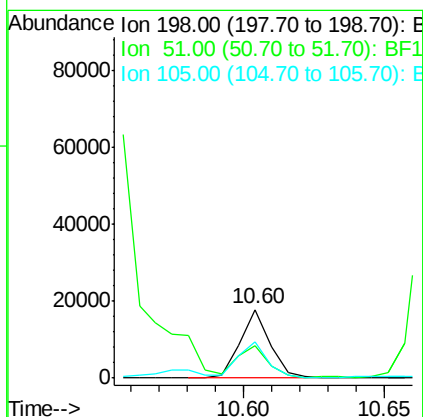
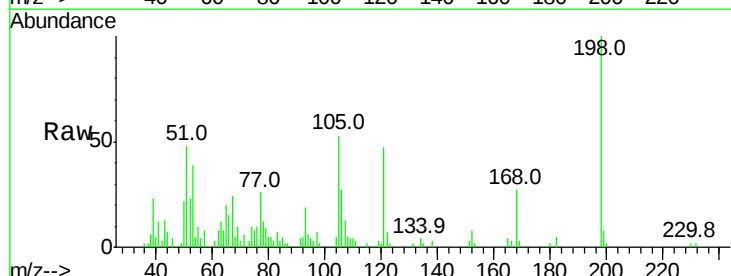
Instrument :
 BNA_F
 ClientSampleId :

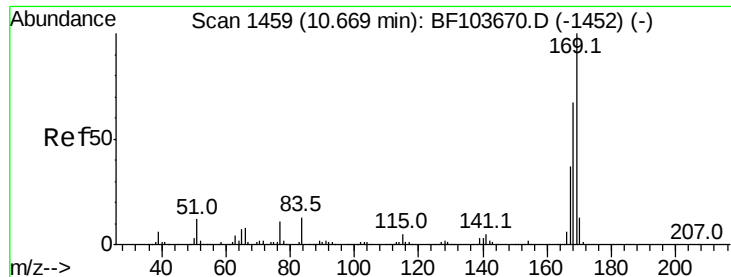
Tot Ion:188 Resp: 431938
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 14.3 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.600 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion:198 Resp: 13005
 Ion Ratio Lower Upper
 198 100
 51 48.1 37.7 77.7
 105 53.0 36.3 76.3

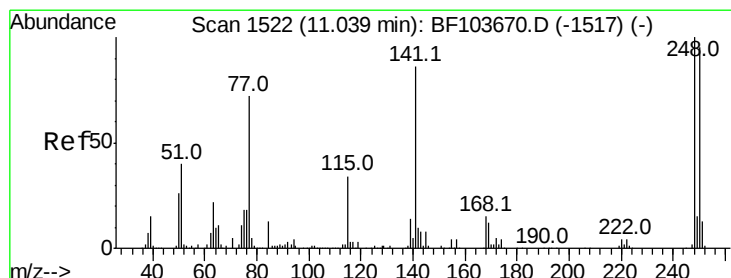
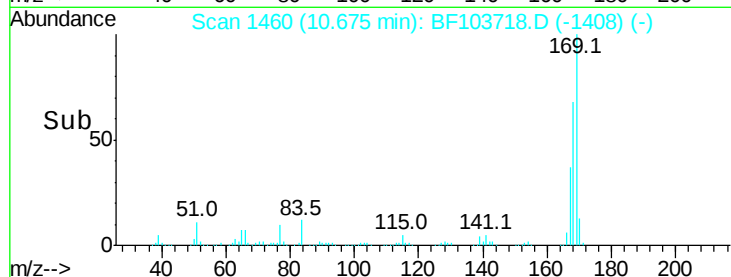
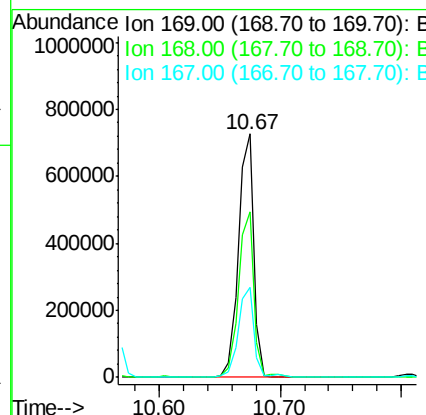
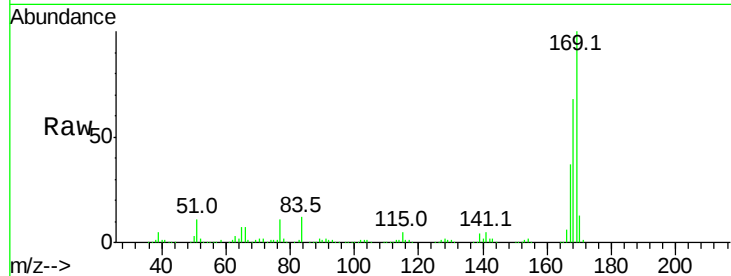




#65
n-Nitrosodiphenylamine
Concen: 43.524 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

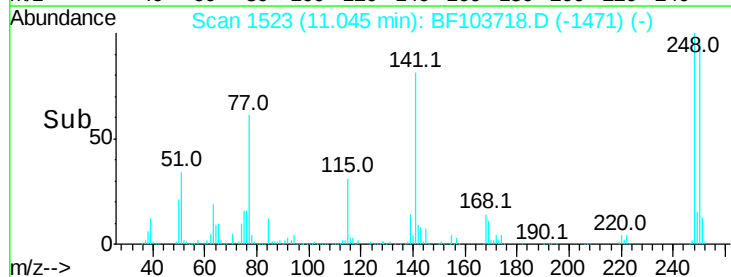
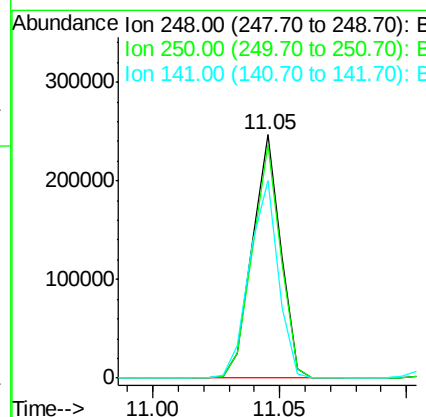
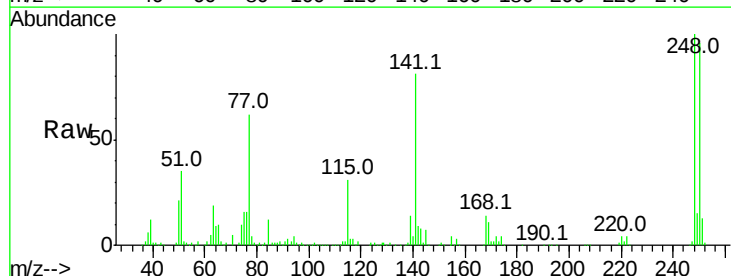
Instrument :
BNA_F
ClientSampled :

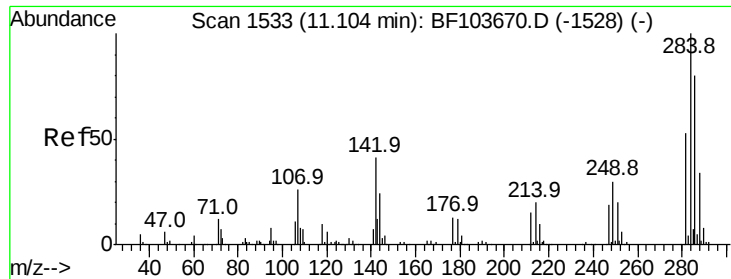
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	36.9	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 43.359 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	80.9	74.4	111.6

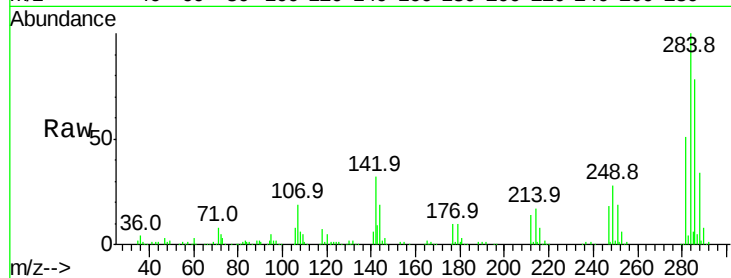




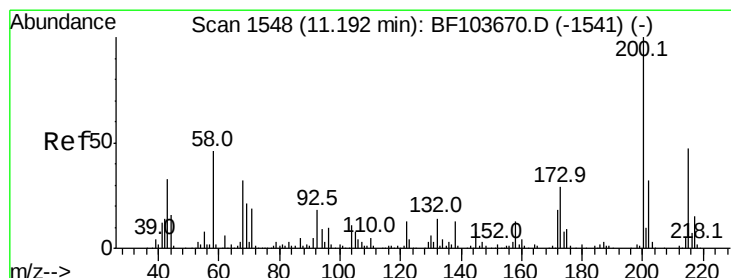
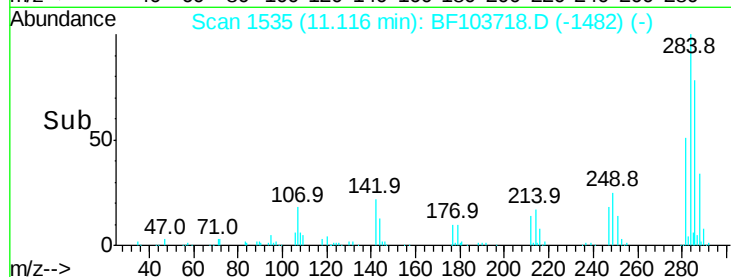
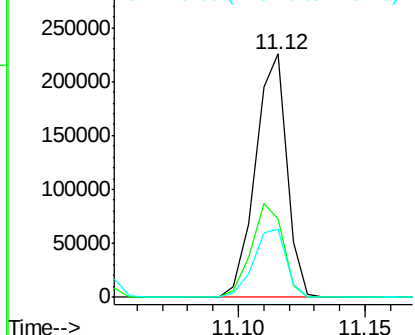
#67
Hexachlorobenzene
Concen: 38.487 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 194811
Ion Ratio Lower Upper
284 100
142 32.2 34.6 52.0#
249 28.3 24.8 37.2

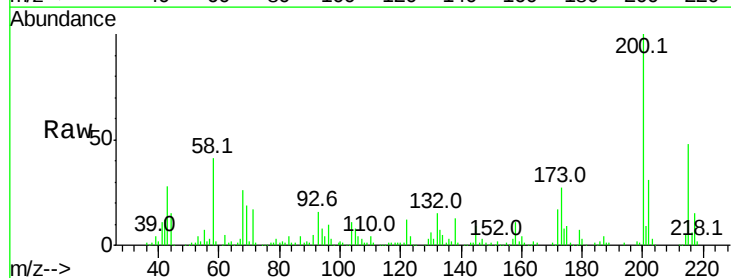


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

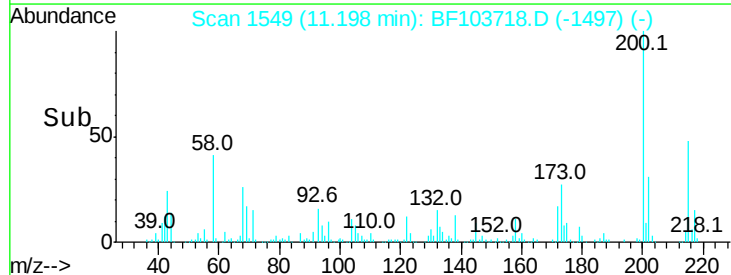
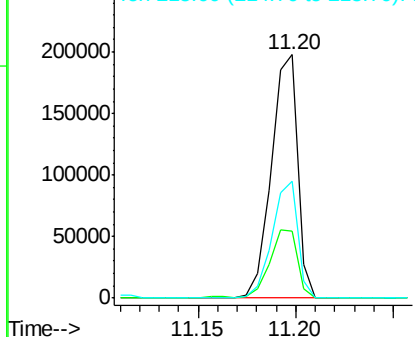


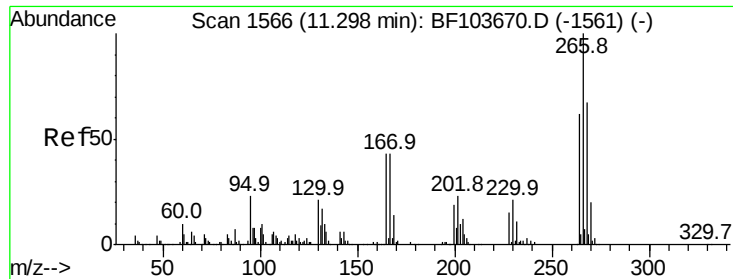
#68
Atrazine
Concen: 40.555 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:200 Resp: 184448
Ion Ratio Lower Upper
200 100
173 27.4 8.6 48.6
215 47.9 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

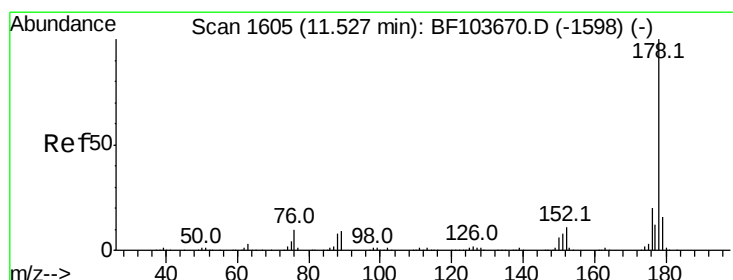
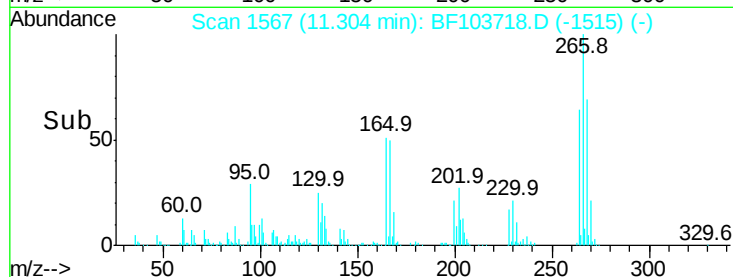
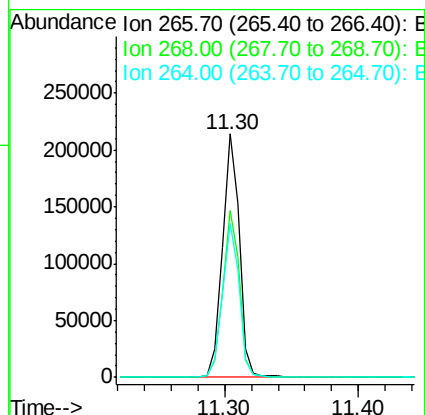
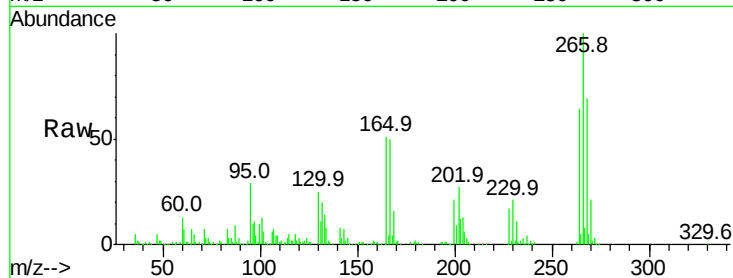




#69
 Pentachlorophenol
 Concen: 66.122 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

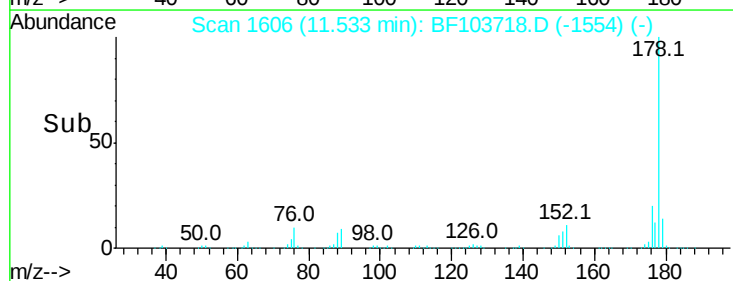
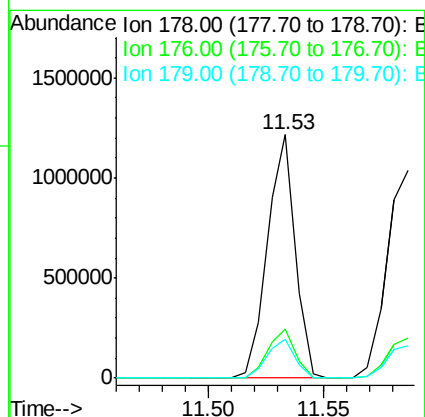
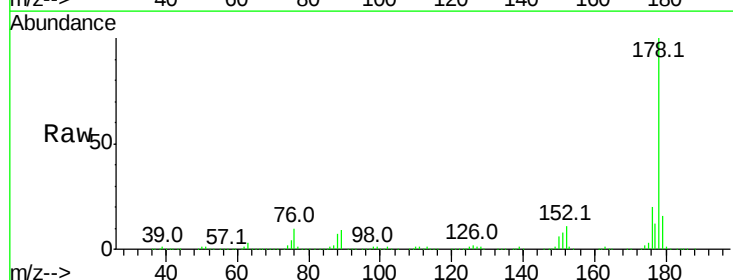
Instrument :
 BNA_F
 ClientSampleId :

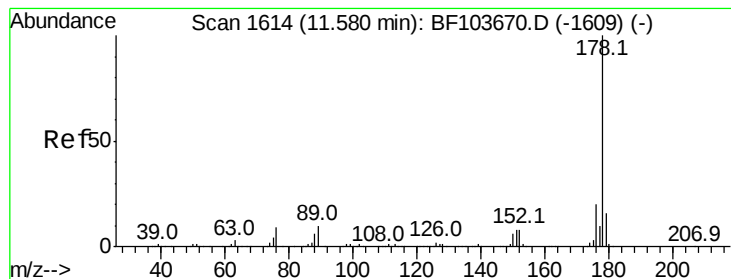
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.6	51.1	76.7
264	63.5	49.5	74.3



#70
 Phenanthrene
 Concen: 42.953 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.8	13.0	19.6





#71

Anthracene

Concen: 38.645 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

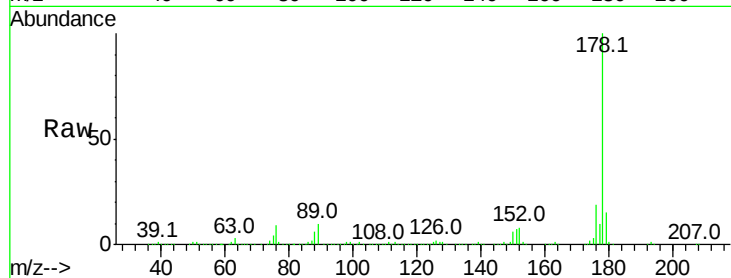
Tot Ion:178 Resp: 927405

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

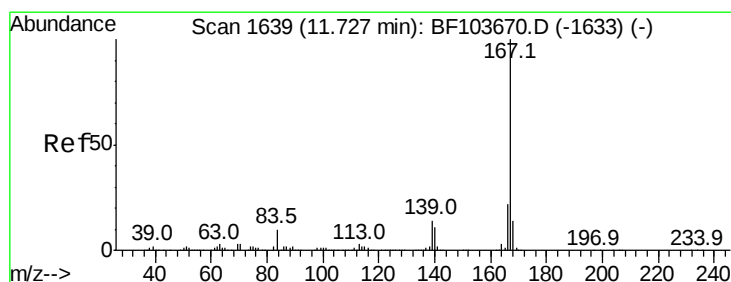
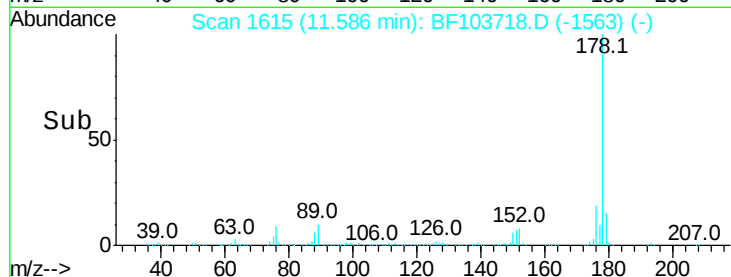
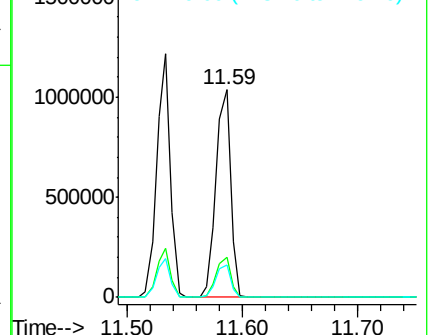
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.097 ng

RT: 11.73 min Scan# 1640

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

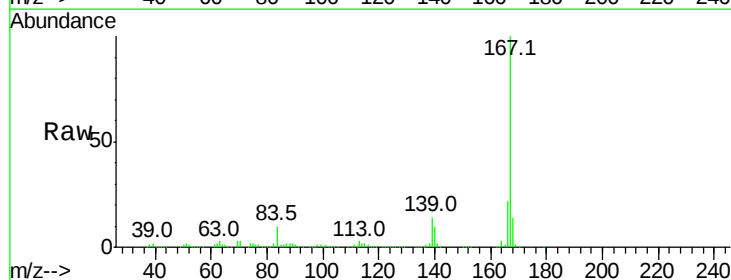
Tgt Ion:167 Resp: 865295

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

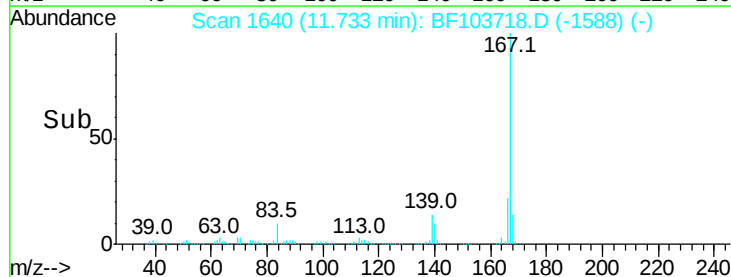
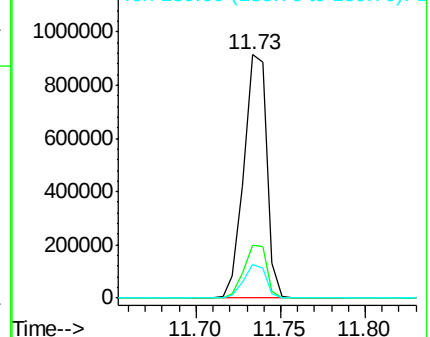
139 13.9 10.9 16.3

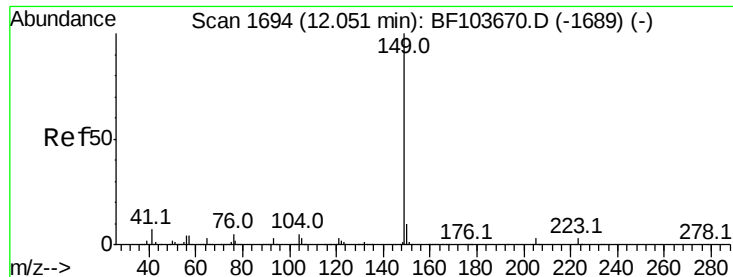


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.377 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

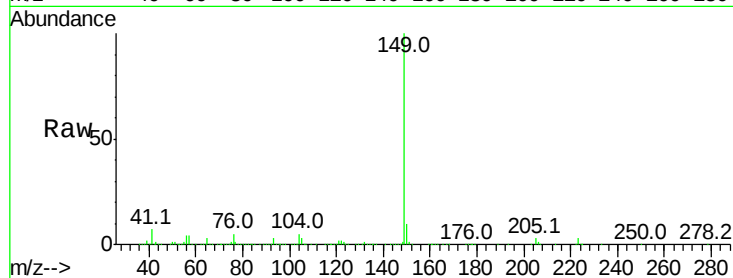
Tot Ion:149 Resp: 1158029

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

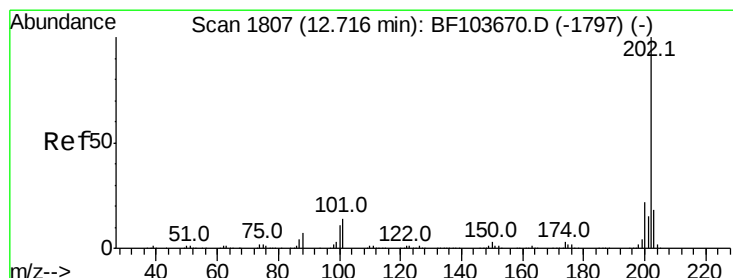
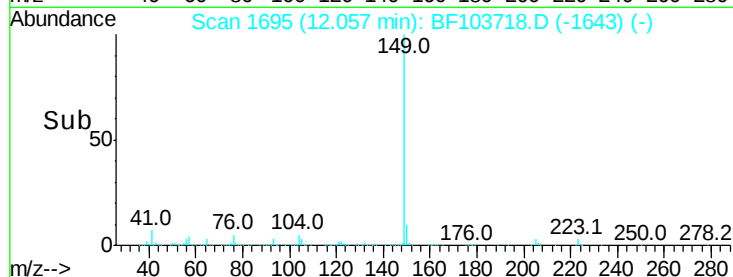
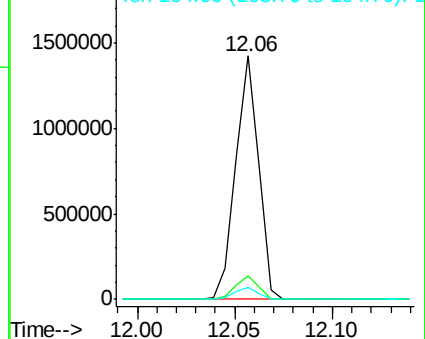
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.375 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

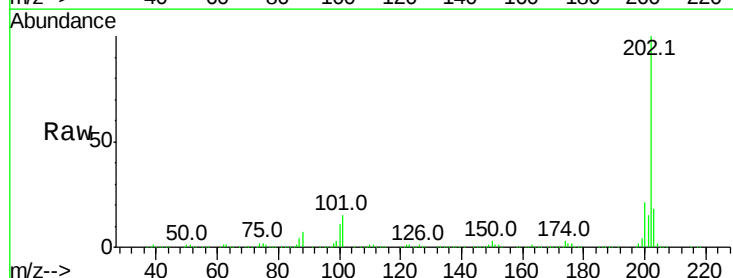
Tgt Ion:202 Resp: 958471

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

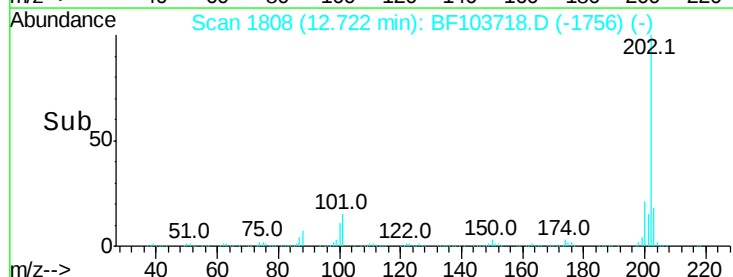
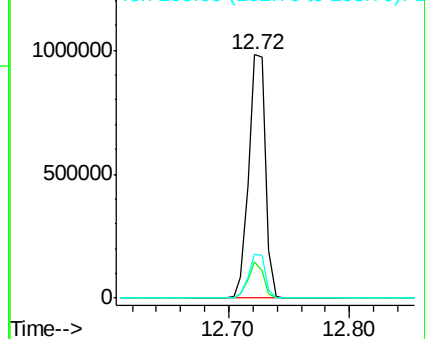
203 18.1 0.0 38.1

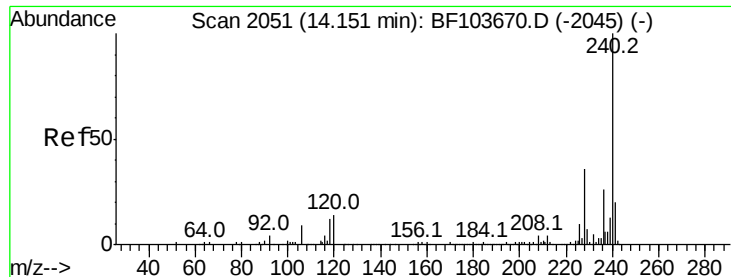


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

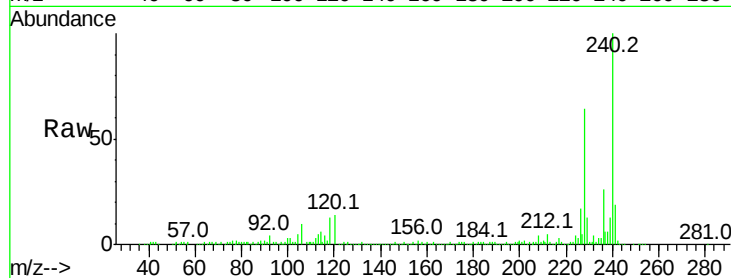
Tot Ion:240 Resp: 294435

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

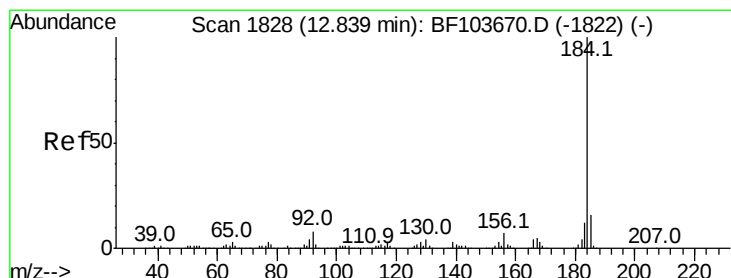
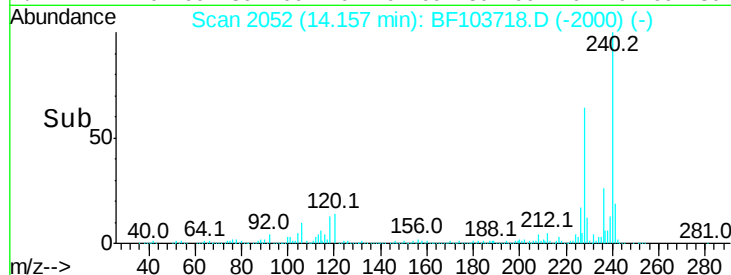
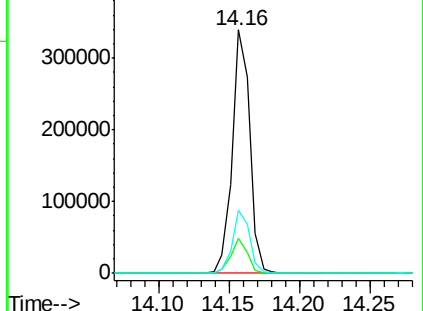
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.964 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

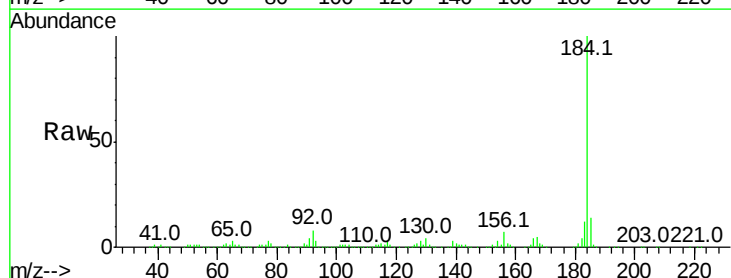
Tgt Ion:184 Resp: 514418

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

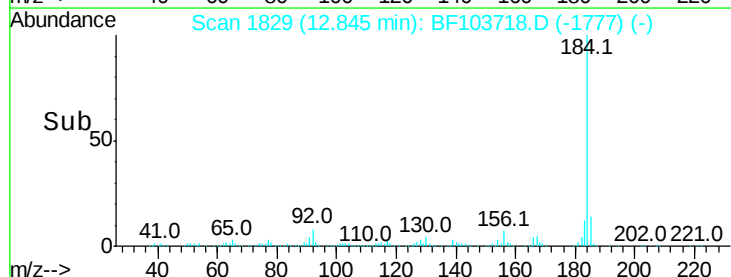
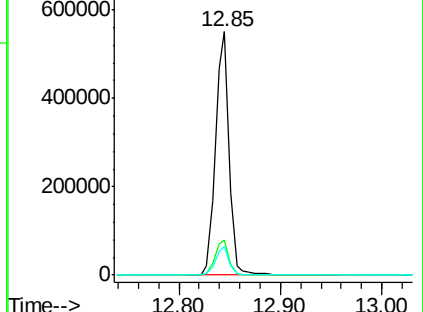
183 11.6 9.3 13.9

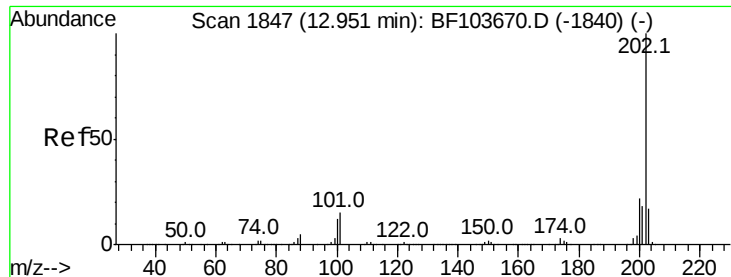


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.344 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

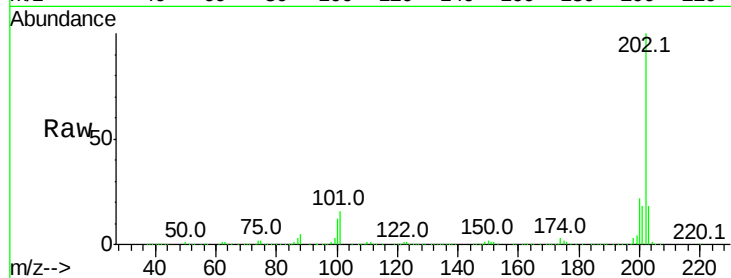
Tot Ion:202 Resp: 915607

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

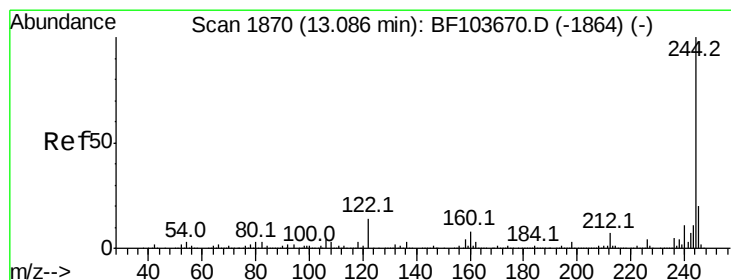
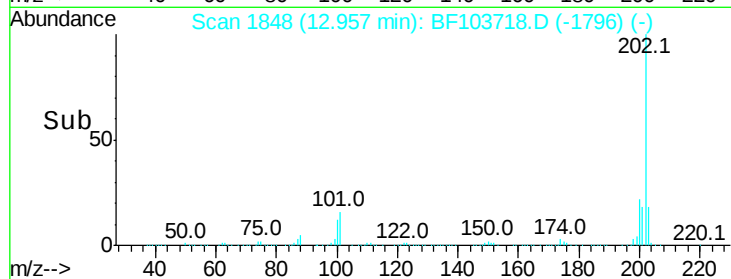
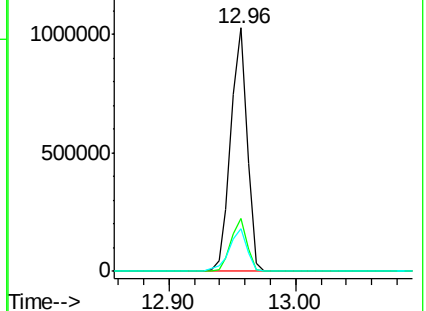
203 17.7 14.3 21.5



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: 87.112 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

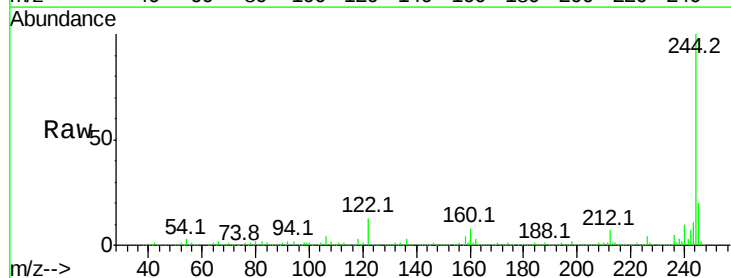
Tgt Ion:244 Resp: 1105010

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

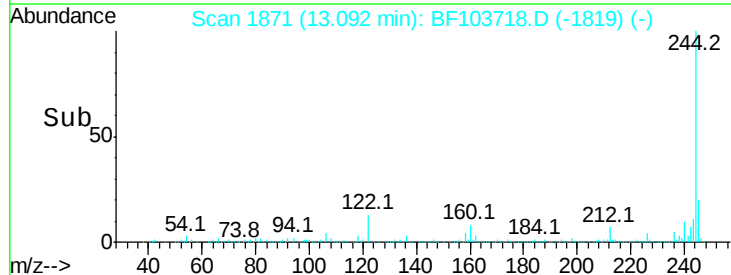
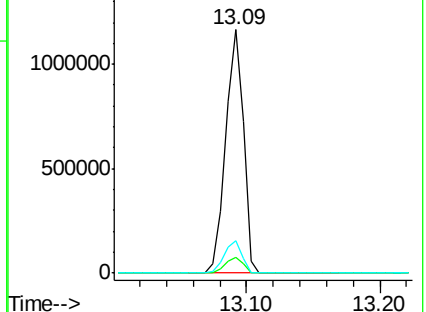
122 13.4 11.0 16.4

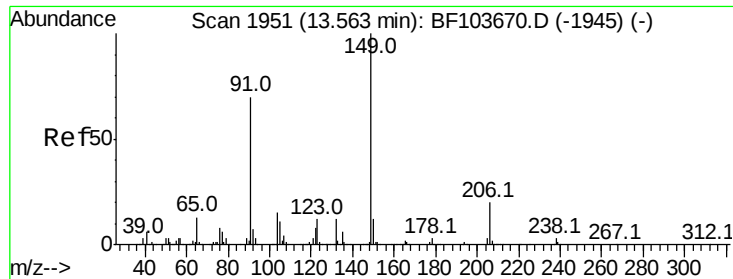


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

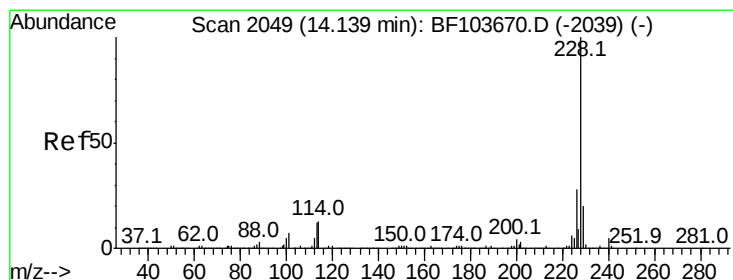
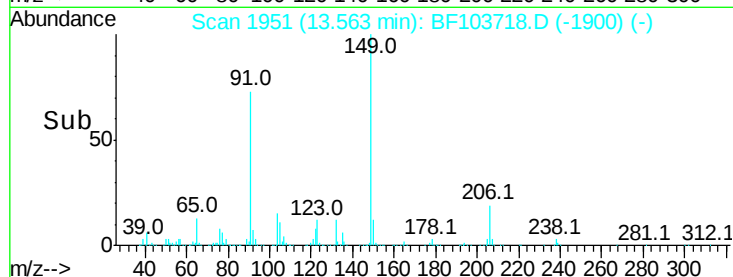
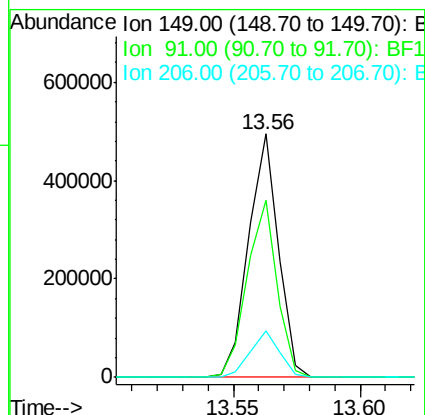
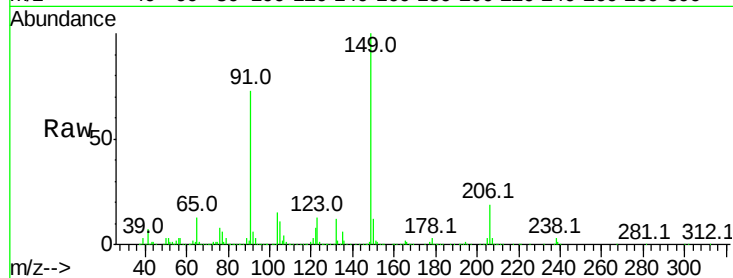




#79
Butylbenzylphthalate
Concen: 42.193 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

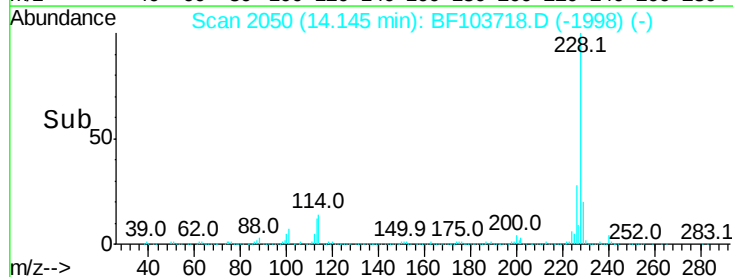
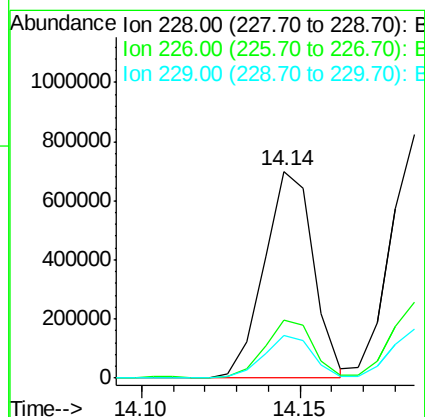
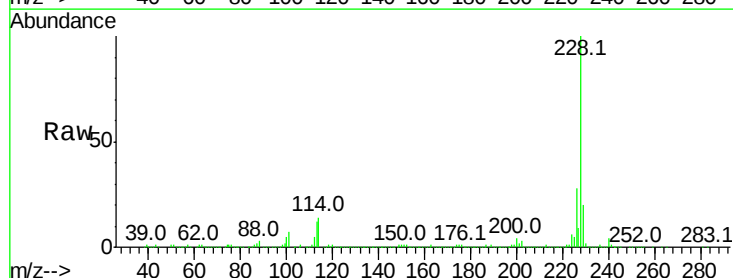
Instrument :
BNA_F
ClientSampleId :

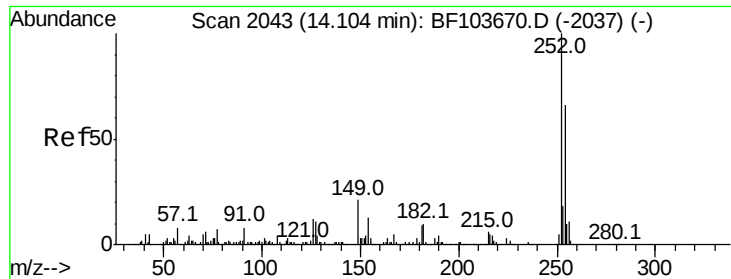
Tot Ion:149 Resp: 404214
Ion Ratio Lower Upper
149 100
91 72.6 56.8 85.2
206 19.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.426 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:228 Resp: 753446
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.4 15.8 23.6

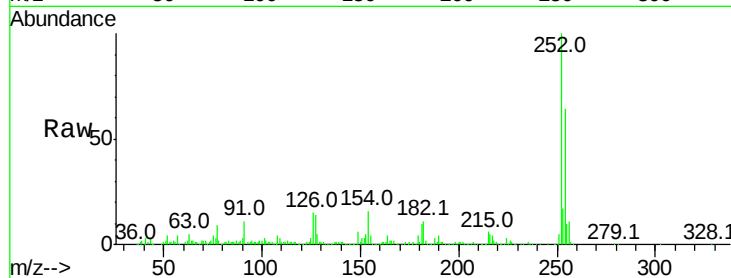




#81
 3,3'-Dichlorobenzidine
 Concen: 39.299 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	15.1	11.3	16.9

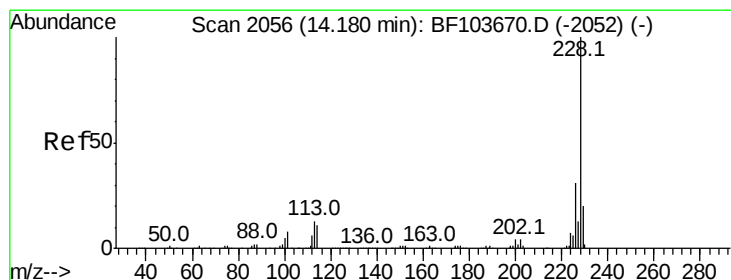
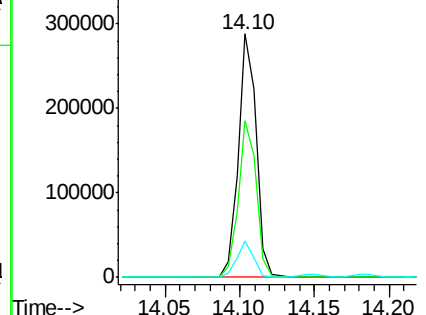
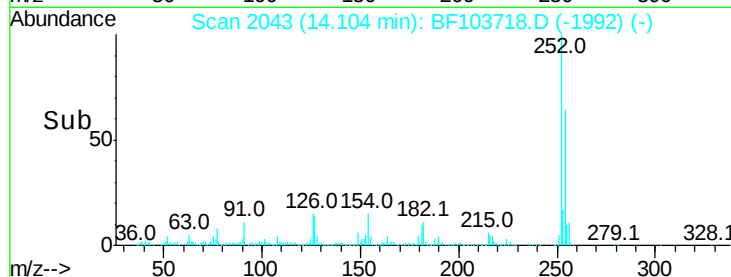


Abundance

Ion 252.00 (251.70 to 252.70): E

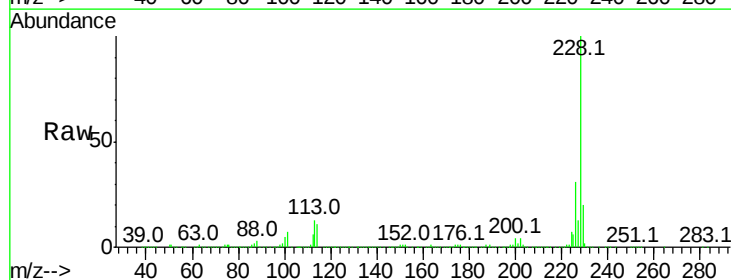
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.101 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.0	16.2	24.4

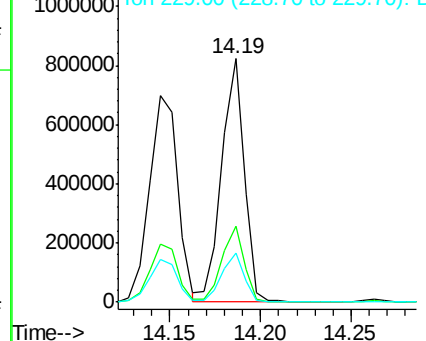
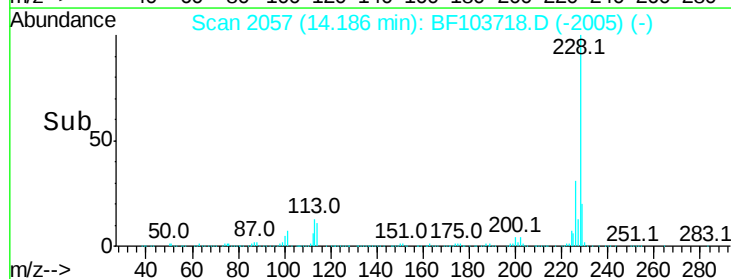


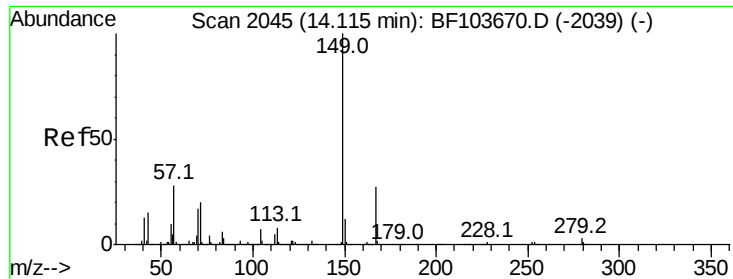
Abundance

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

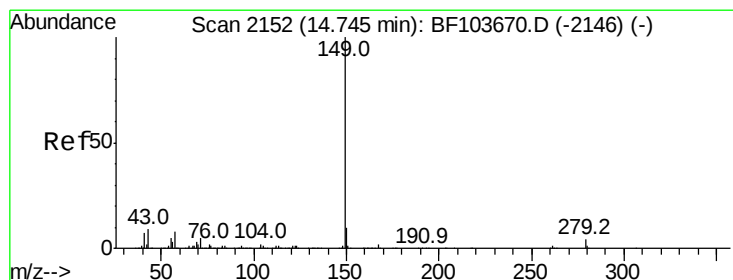
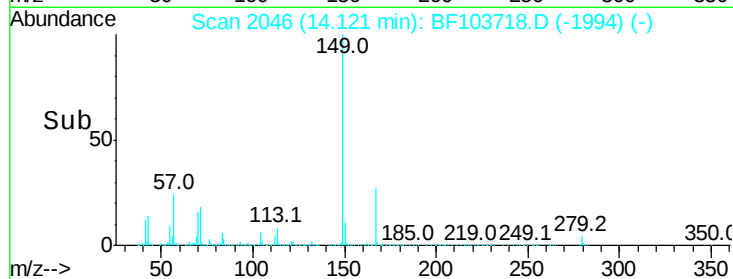
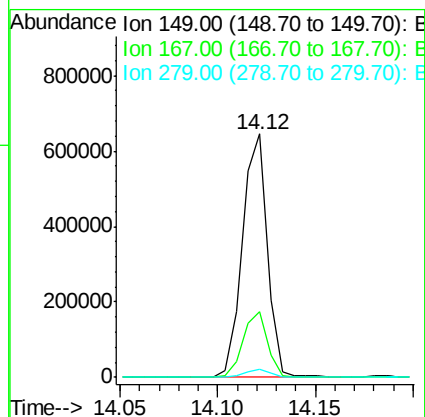
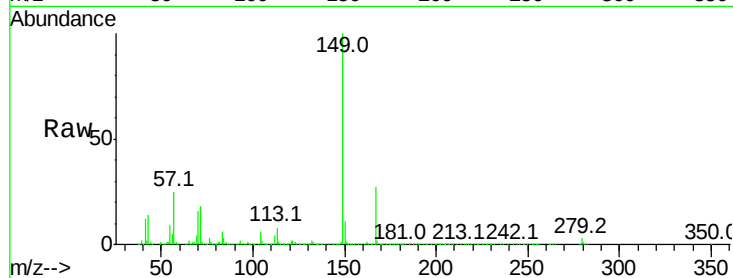




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.520 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

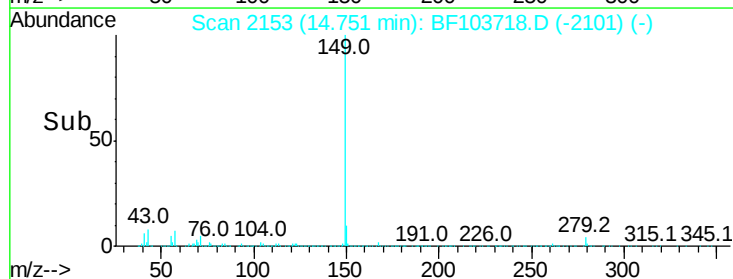
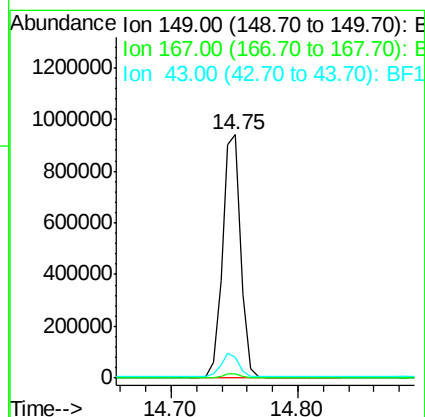
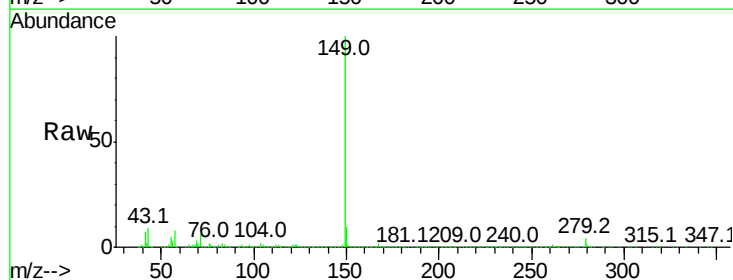
Instrument :
 BNA_F
 ClientSampleId :

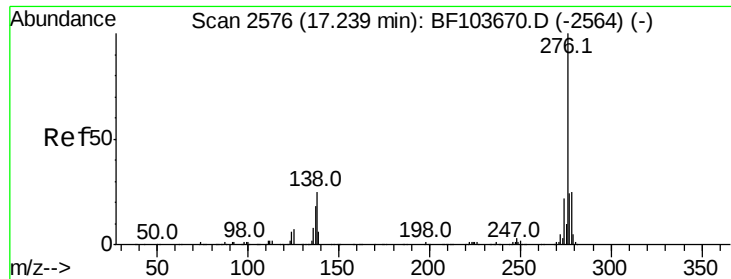
Tot Ion:149 Resp: 568247
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 47.096 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion:149 Resp: 937724
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.2 8.4 12.6

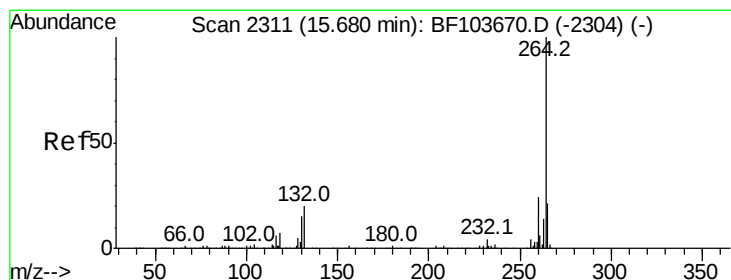
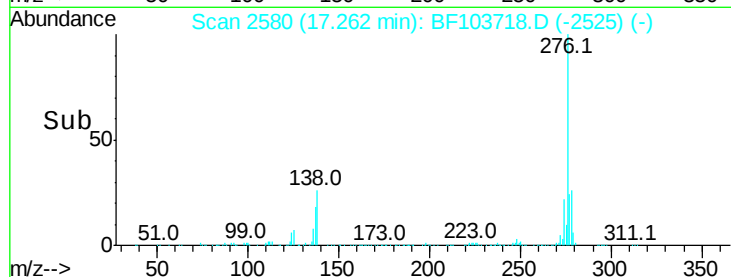
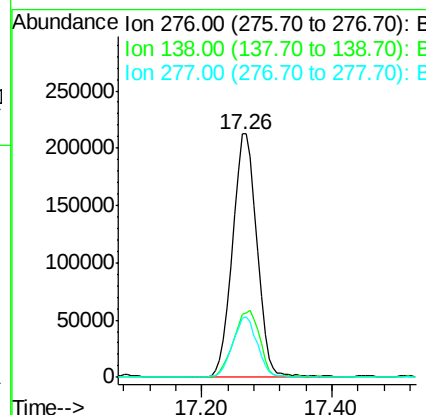
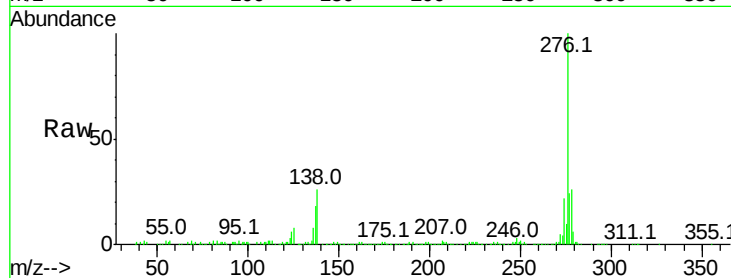




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.525 ng
 RT: 17.26 min Scan# 2580
 Delta R.T. 0.02 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

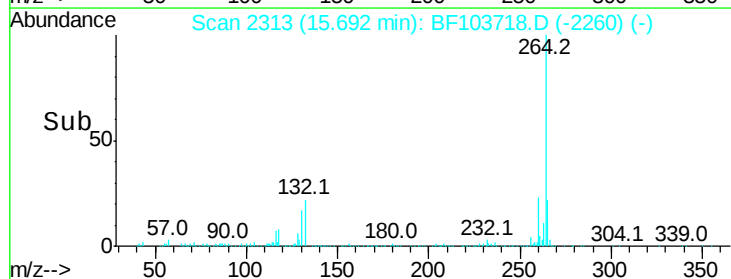
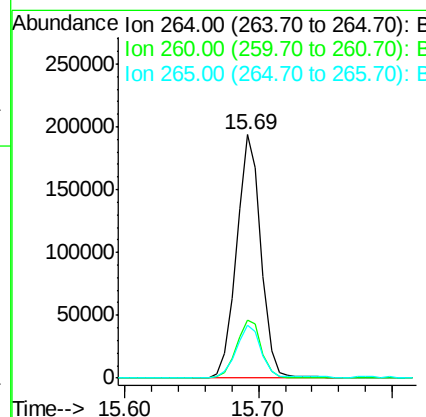
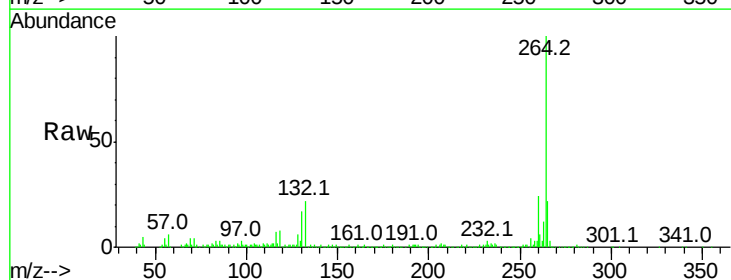
Instrument :
 BNA_F
 ClientSampleId :

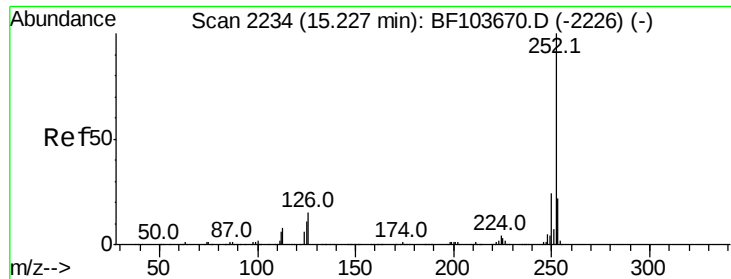
Tot Ion:276 Resp: 551185
 Ion Ratio Lower Upper
 276 100
 138 29.3 25.0 37.6
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Tgt Ion:264 Resp: 246985
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.9 17.5 26.3

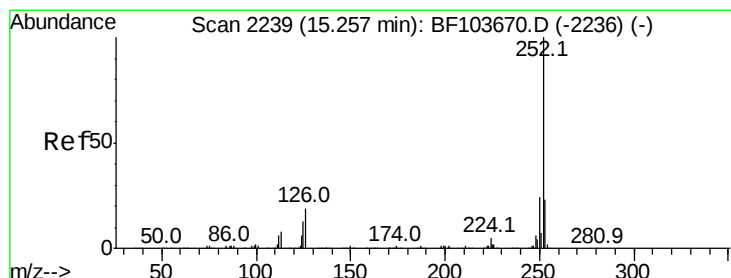
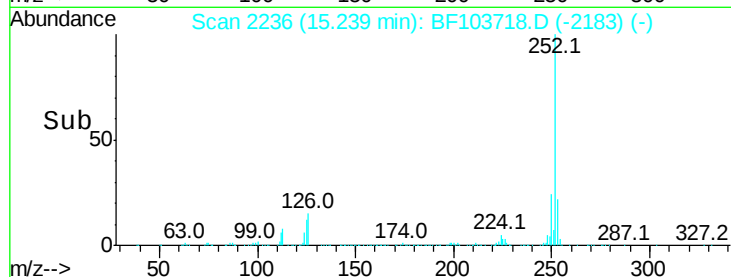
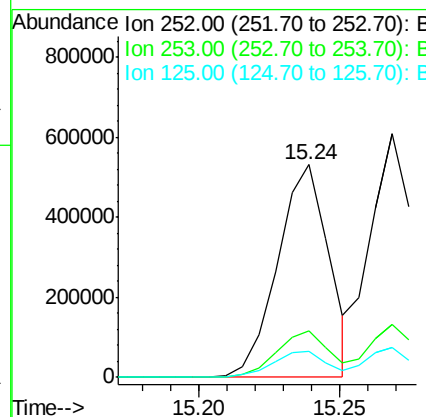
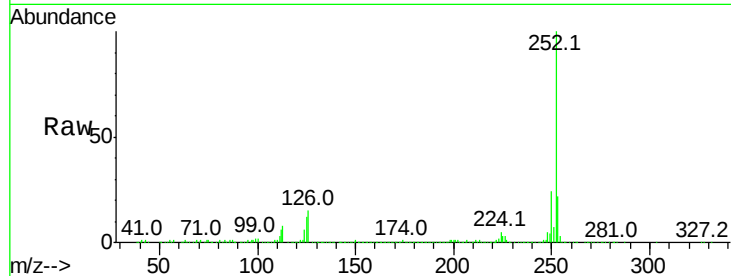




#87
Benzo(b)fluoranthene
Concen: 42.819 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

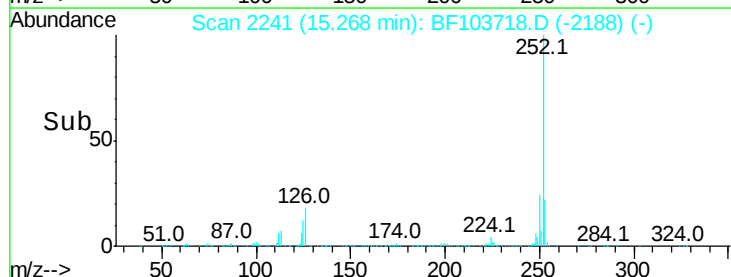
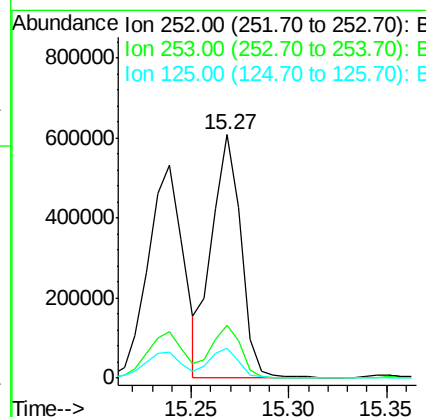
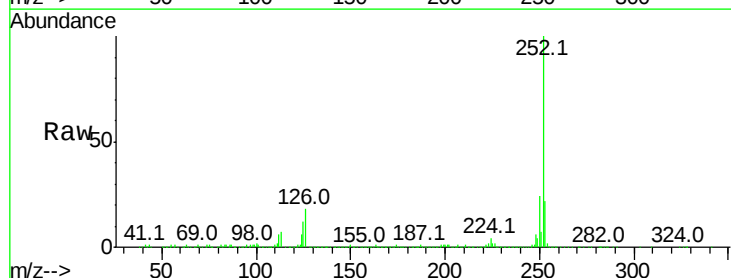
Instrument :
BNA_F
ClientSampleId :

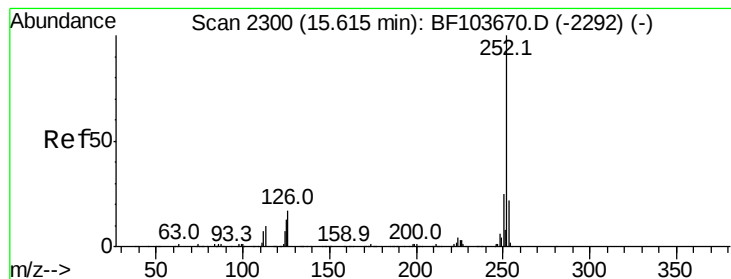
Tot Ion:252 Resp: 668141
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.791 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF103718.D
Acq: 17 Mar 2018 1:07

Tgt Ion:252 Resp: 626840
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 41.787 ng

RT: 15.63 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

Instrument :

BNA_F

ClientSampleId :

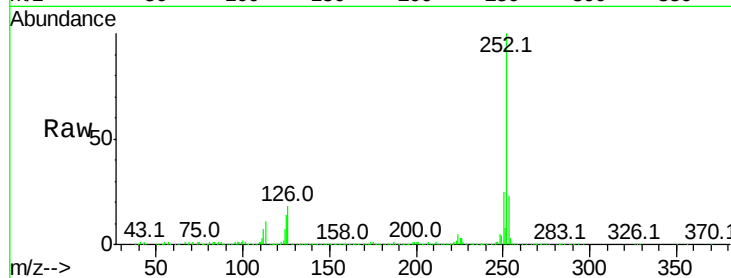
Tot Ion:252 Resp: 591410

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

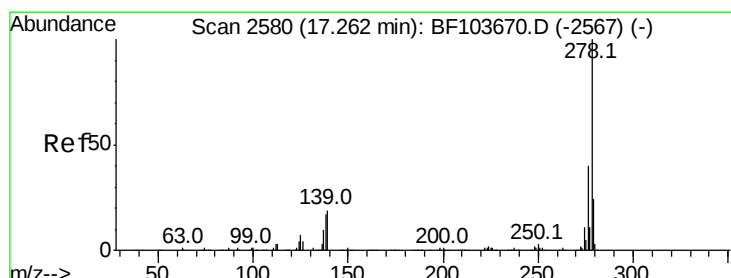
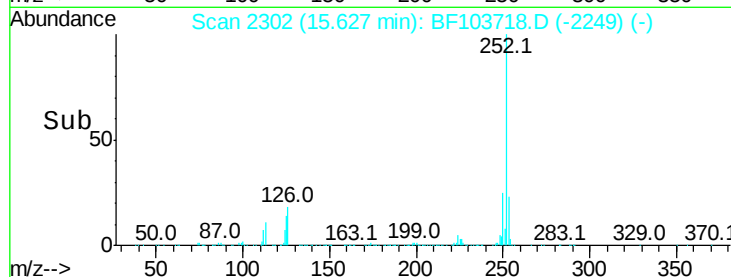
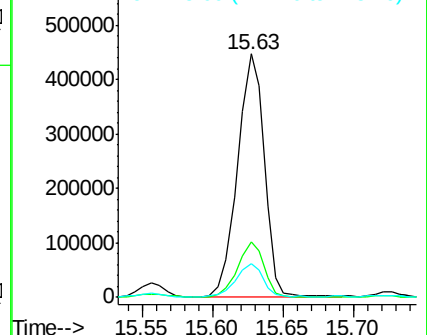
125 13.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.877 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF103718.D

Acq: 17 Mar 2018 1:07

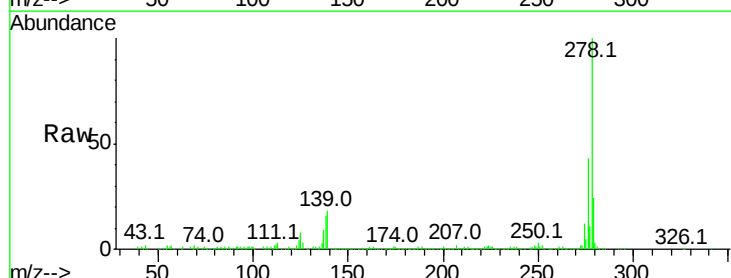
Tgt Ion:278 Resp: 451925

Ion Ratio Lower Upper

278 100

139 17.9 15.9 23.9

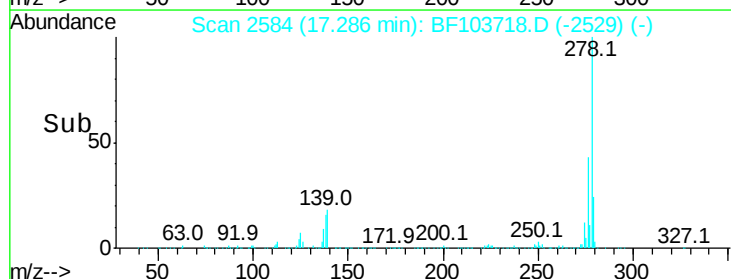
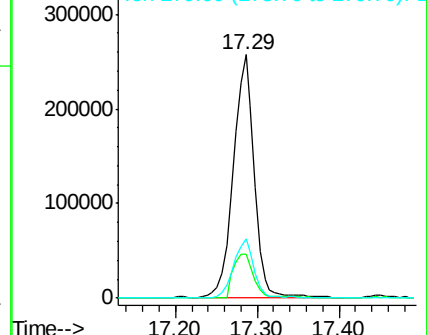
279 24.1 19.0 28.4

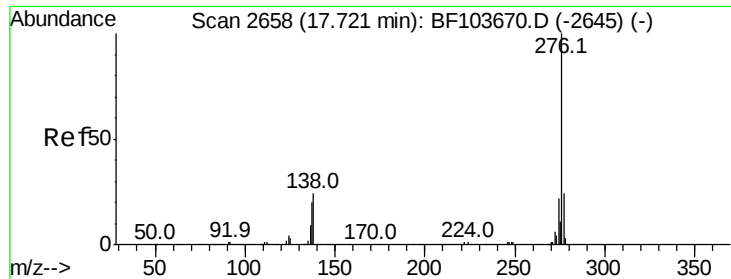


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

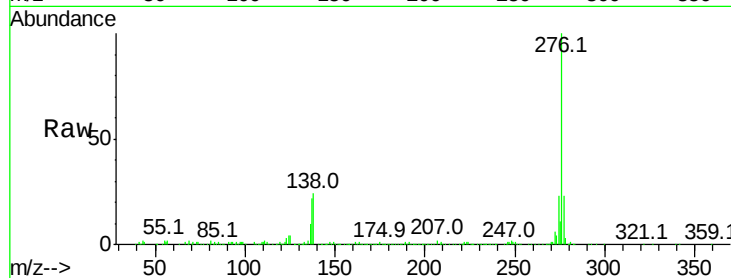




#91
 Benzo(a,h,i)perylene
 Concen: 37.254 ng
 RT: 17.74 min Scan# 2662
 Delta R.T. 0.02 min
 Lab File: BF103718.D
 Acq: 17 Mar 2018 1:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 444148
 Ion Ratio Lower Upper
 276 100
 277 23.3 17.9 26.9
 138 24.4 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

