

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102710.D
 Acq On : 3 Feb 2018 11:20
 Operator : SJ/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Feb 03 11:54:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 03 11:33:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	188683	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	797708	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	371549	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	645625	20.00	ng	0.00
75) Chrysene-d12	14.04	240	451732	20.00	ng	0.00
86) Perylene-d12	15.51	264	419510	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1457269	109.06	ng	0.00
7) Phenol-d6	6.50	99	1725605	108.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	1487443	109.57	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	376482	116.11	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2445876	102.84	ng	0.00
78) Terphenyl-d14	12.99	244	2081343	95.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	371962	55.781	ng	# 84
3) Pyridine	3.43	79	1046518	57.468	ng	86
4) n-Nitrosodimethylamine	3.39	42	454996	59.665	ng	94
6) Aniline	6.55	93	1330012	59.198	ng	96
8) 2-Chlorophenol	6.66	128	748181	55.829	ng	91
9) Benzaldehyde	6.43	77	646543	58.408	ng	98
10) Phenol	6.52	94	936805	51.997	ng	92
11) bis(2-Chloroethyl)ether	6.62	93	778706	56.785	ng	94
12) 1,3-Dichlorobenzene	6.82	146	848151	54.902	ng	99
13) 1,4-Dichlorobenzene	6.90	146	845760	54.865	ng	98
14) 1,2-Dichlorobenzene	7.05	146	766534	53.724	ng	98
15) Benzyl Alcohol	7.02	79	688560	59.046	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1500063	59.340	ng	97
17) 2-Methylphenol	7.12	107	704853	58.304	ng	99
18) Hexachloroethane	7.39	117	307546	56.655	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	585036	55.998	ng	94
20) 3+4-Methylphenols	7.29	107	820149	56.502	ng	# 78
22) Acetophenone	7.29	105	1077400	56.056	ng	# 93
24) Nitrobenzene	7.47	77	839582	57.558	ng	98
25) Isophorone	7.70	82	1583246	59.027	ng	99
26) 2-Nitrophenol	7.78	139	365713	59.901	ng	97
27) 2,4-Dimethylphenol	7.81	122	676600	59.340	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	923129	56.999	ng	100
29) 2,4-Dichlorophenol	8.02	162	632738	58.442	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	667611	58.952	ng	100
31) Naphthalene	8.19	128	2194524	55.056	ng	99
32) Benzoic acid	7.95	122	550801	63.705	ng	99
33) 4-Chloroaniline	8.23	127	964148	56.671	ng	98
34) Hexachlorobutadiene	8.30	225	338394	56.452	ng	98
35) Caprolactam	8.62	113	229031	61.621	ng	# 72
36) 4-Chloro-3-methylphenol	8.71	107	691946	58.386	ng	97
37) 2-Methylnaphthalene	8.87	142	1448046	55.182	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	568522	54.086	ng	99
40) Hexachlorocyclopentadiene	9.03	237	313765	54.581	ng	98

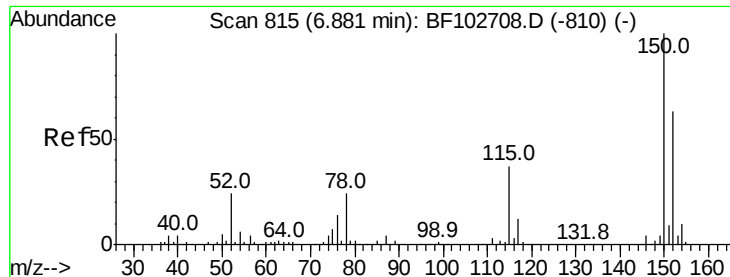
Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	423606	58.481	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	469037	57.291	nq	99
45) 1,1'-Biphenyl	9.34	154	1723890	52.492	nq	99
46) 2-Chloronaphthalene	9.37	162	1397575	54.878	nq	99
47) 2-Nitroaniline	9.46	65	487265	63.874	nq	94
48) Acenaphthylene	9.79	152	2148624	53.163	nq	100
49) Dimethylphthalate	9.65	163	1678088	56.301	nq	100
50) 2,6-Dinitrotoluene	9.70	165	365944	61.464	nq	93
51) Acenaphthene	9.96	154	1286712	52.454	nq	98
52) 3-Nitroaniline	9.87	138	440488	58.622	nq	97
53) 2,4-Dinitrophenol	9.97	184	97877	53.952	nq	# 20
54) Dibenzofuran	10.13	168	1799032	53.437	nq	97
55) 4-Nitrophenol	10.02	139	345823	61.758	nq	91
56) 2,4-Dinitrotoluene	10.10	165	476913	63.909	nq	95
57) Fluorene	10.47	166	1312387	56.390	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	329152	56.473	nq	98
59) Diethylphthalate	10.34	149	1653354	55.765	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	584537	58.983	nq	97
61) 4-Nitroaniline	10.49	138	426370	59.791	nq	98
62) Azobenzene	10.62	77	1625391	55.101	nq	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	188777	59.466	nq	89
65) n-Nitrosodiphenylamine	10.58	169	1279782	52.936	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	392970	57.636	nq	93
67) Hexachlorobenzene	11.02	284	431748	58.005	nq	92
68) Atrazine	11.10	200	396627	56.768	nq	99
69) Pentachlorophenol	11.20	266	284455	62.672	nq	99
70) Phenanthrene	11.43	178	1962836	52.047	nq	98
71) Anthracene	11.48	178	1991451	52.067	nq	100
72) Carbazole	11.63	167	1994573	53.055	nq	99
73) Di-n-butylphthalate	11.96	149	2508670	54.391	nq	100
74) Fluoranthene	12.62	202	1992309	53.694	nq	99
76) Benzidine	12.74	184	1273141	58.365	nq	96
77) Pyrene	12.85	202	2051901	51.387	nq	100
79) Butylbenzylphthalate	13.46	149	1035069	56.484	nq	98
80) Benzo(a)anthracene	14.03	228	1616429	56.084	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	649606	60.872	nq	96
82) Chrysene	14.07	228	1612927	53.669	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1327332	63.141	nq	99
84) Di-n-octyl phthalate	14.63	149	2165056	62.065	nq	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	1402121	64.101	nq	98
87) Benzo(b)fluoranthene	15.09	252	1627086	59.484	nq	99
88) Benzo(k)fluoranthene	15.12	252	1508528	57.169	nq	99
89) Benzo(a)pyrene	15.46	252	1473936	59.881	nq	98
90) Dibenzo(a,h)anthracene	17.02	278	1170982	59.614	nq	99
91) Benzo(g,h,i)perylene	17.46	276	1140465	57.638	nq	98

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

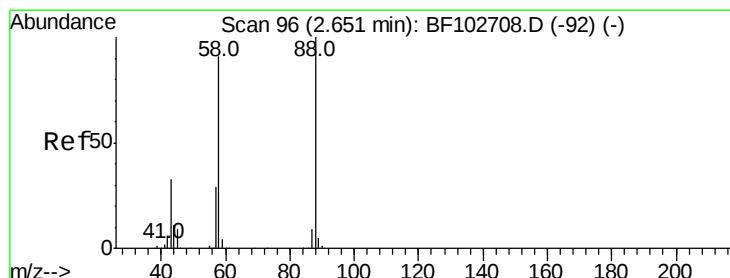
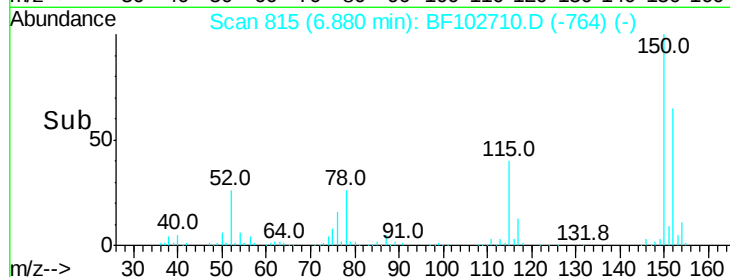
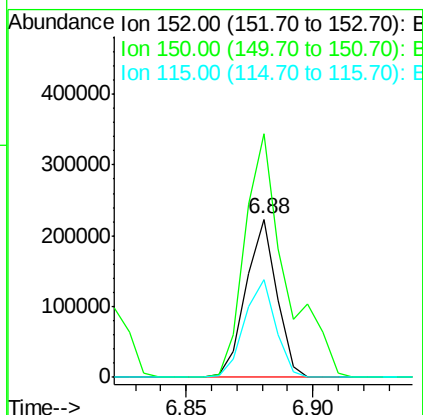
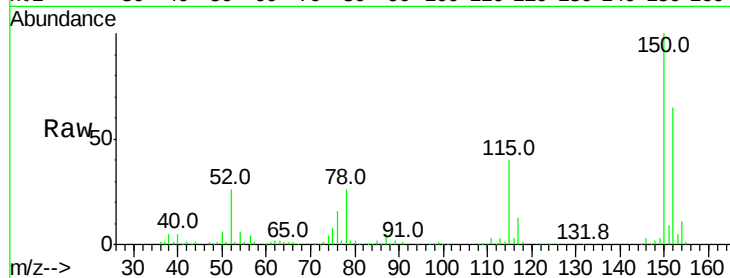


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

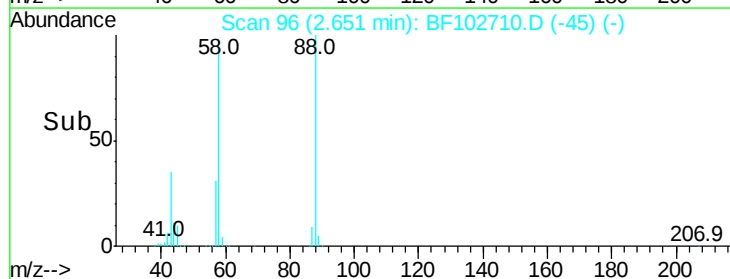
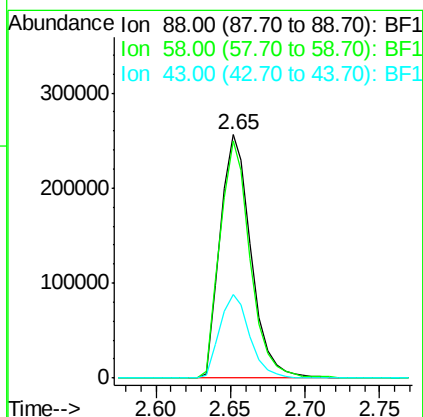
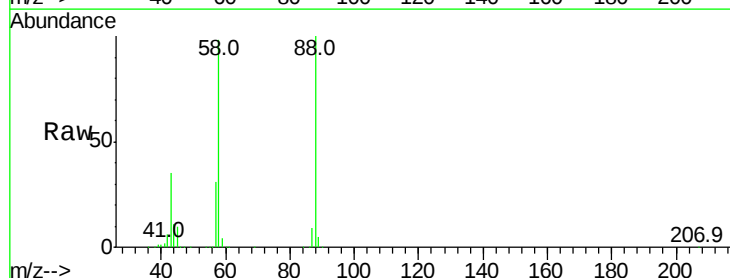
Tot Ion:152 Resp: 188683
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 61.9 50.1 75.1

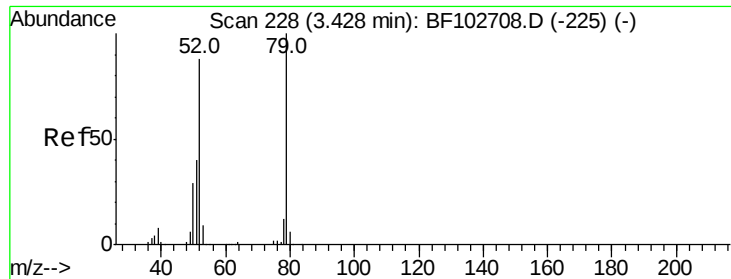


#2

1,4-Dioxane
Concen: 55.781 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.00 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion: 88 Resp: 371962
Ion Ratio Lower Upper
88 100
58 96.0 62.6 93.8#
43 34.0 24.6 37.0



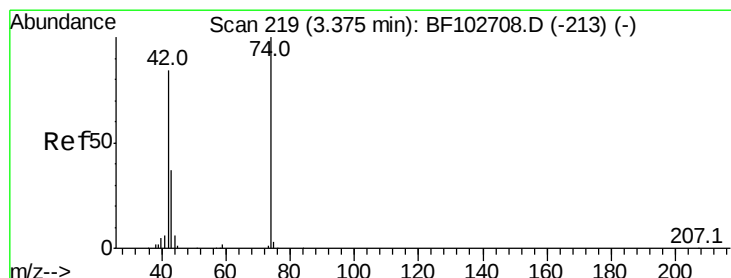
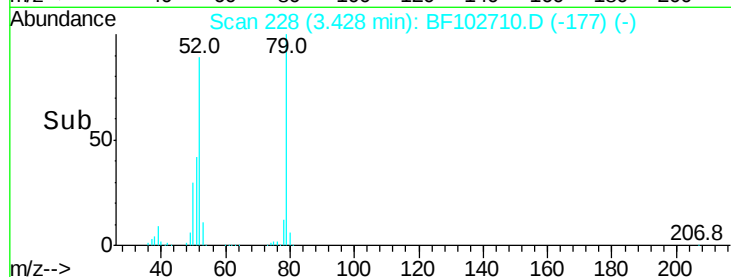
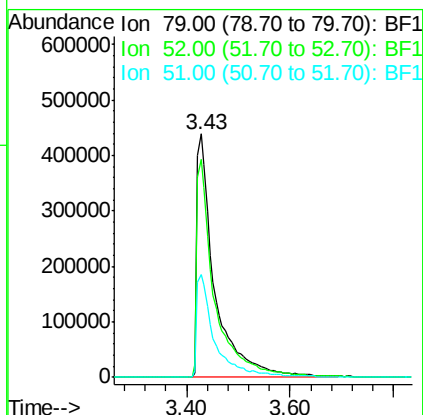
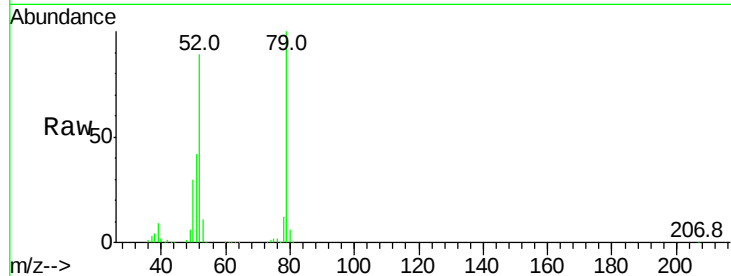


#3
 Pvridine
 Concen: 57.468 ng
 RT: 3.43 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion: 79 Resp: 1046518

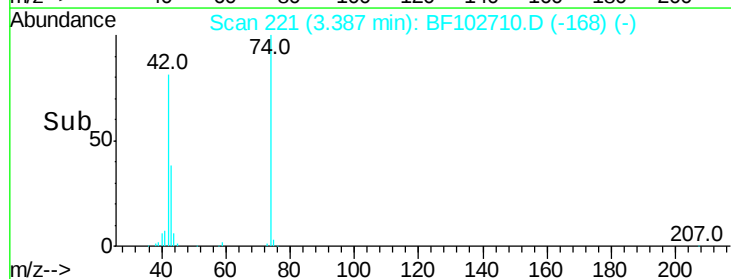
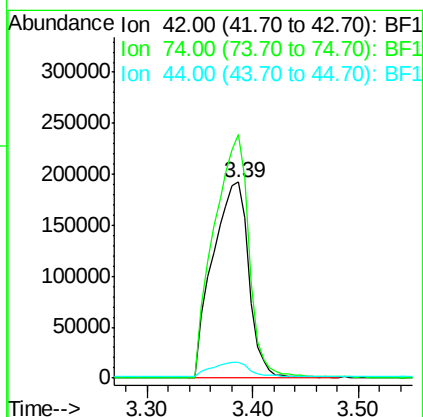
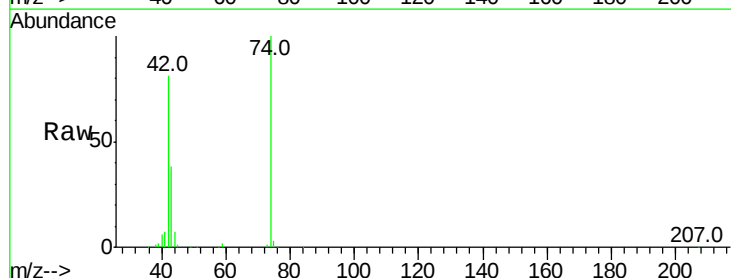
Ion	Ratio	Lower	Upper
79	100		
52	89.4	59.8	89.6
51	42.1	29.8	44.8

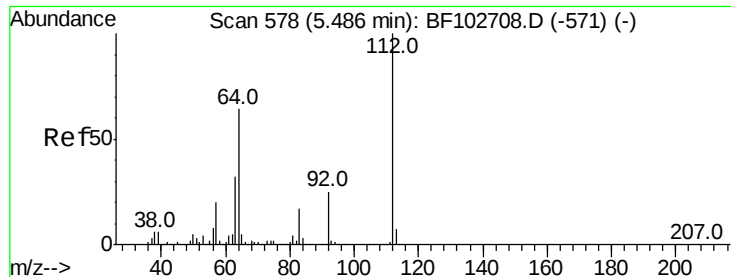


#4
 n-Nitrosodimethylamine
 Concen: 59.665 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion: 42 Resp: 454996

Ion	Ratio	Lower	Upper
42	100		
74	124.1	104.9	157.3
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 109.060 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

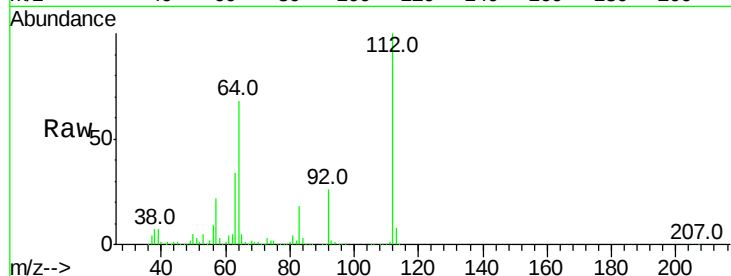
Tot Ion:112 Resp: 1457269

Ion Ratio Lower Upper

112 100

64 68.5 47.9 71.9

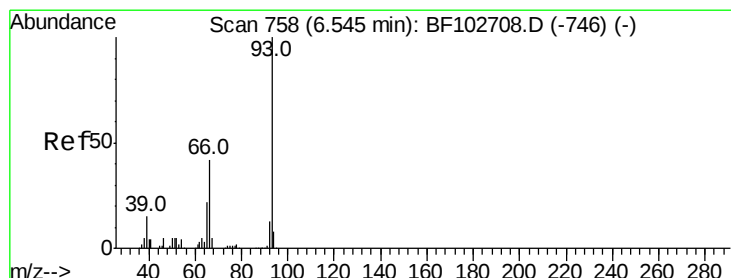
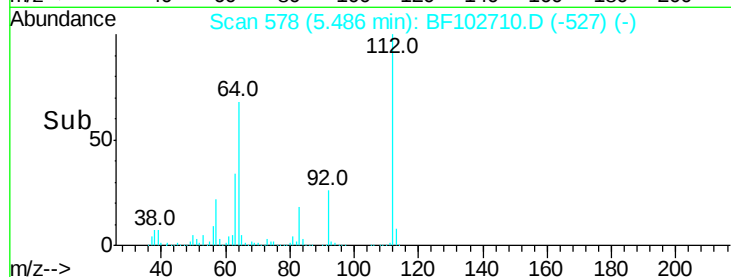
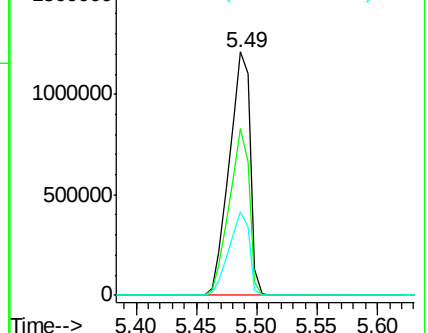
63 34.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 59.198 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

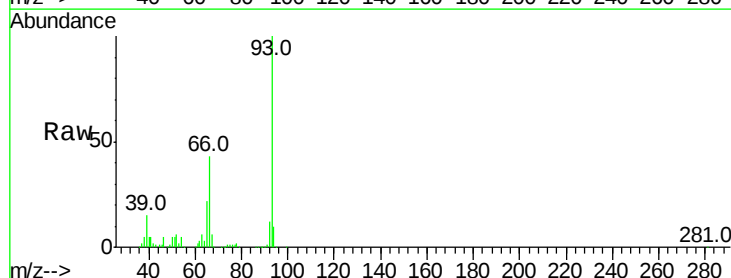
Tgt Ion: 93 Resp: 1330012

Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.2

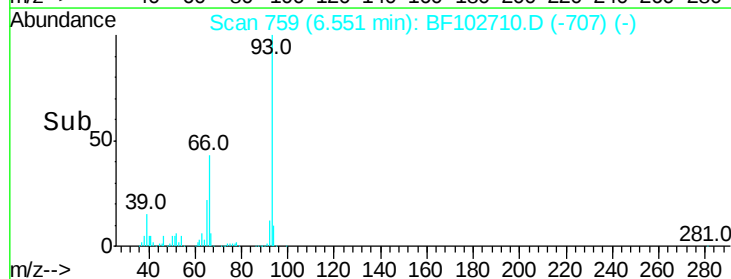
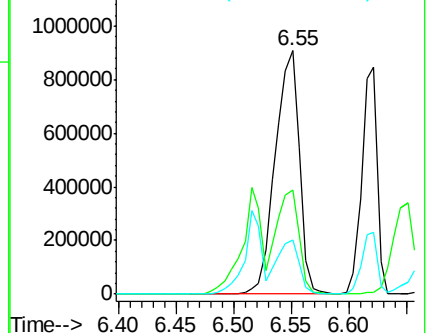
65 22.1 16.4 24.6

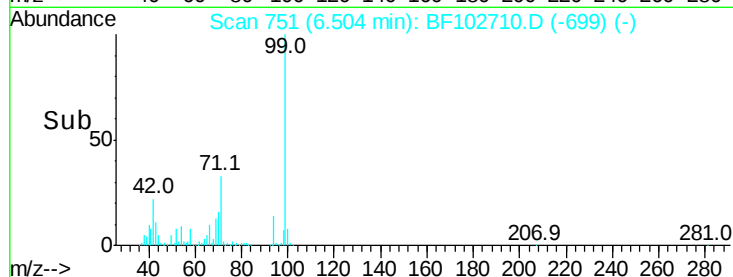
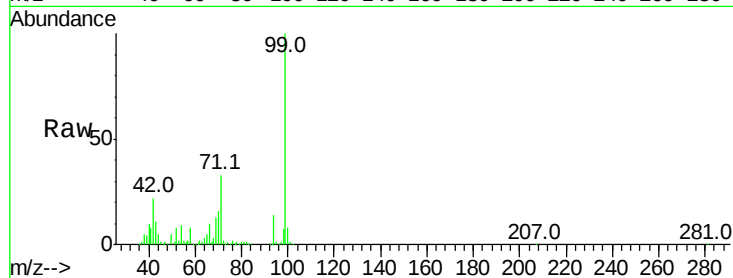
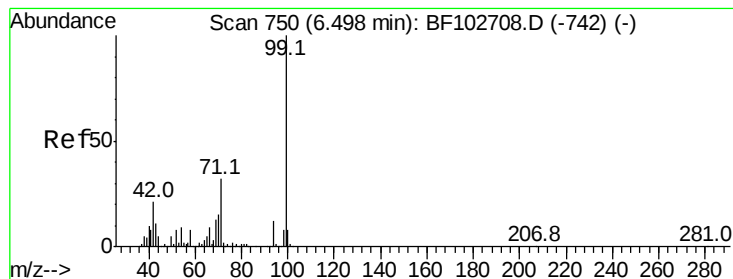


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.241 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

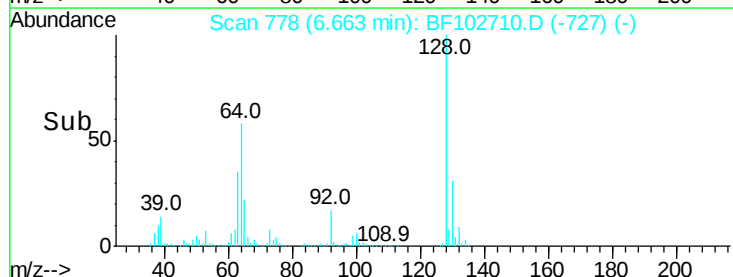
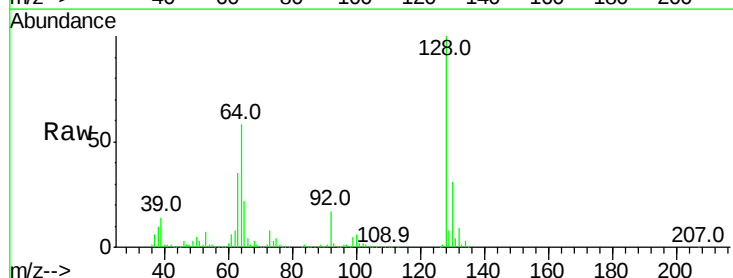
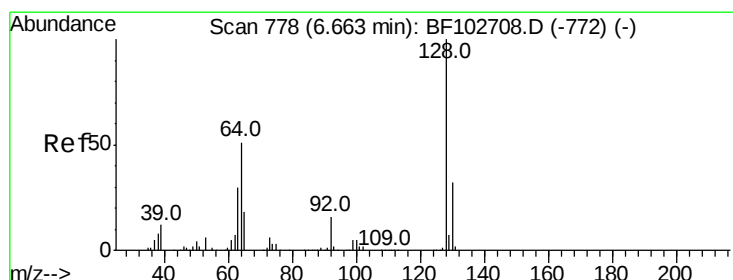
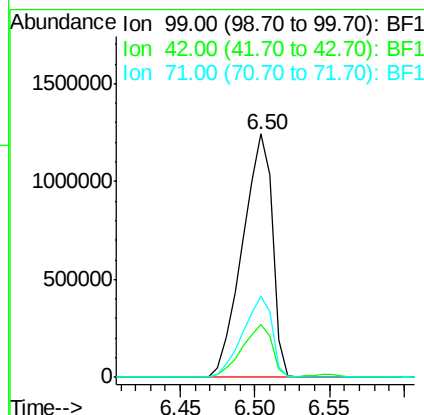
BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 1725605

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	33.4	25.4	38.0



#8

2-Chlorophenol

Concen: 55.829 ng

RT: 6.66 min Scan# 778

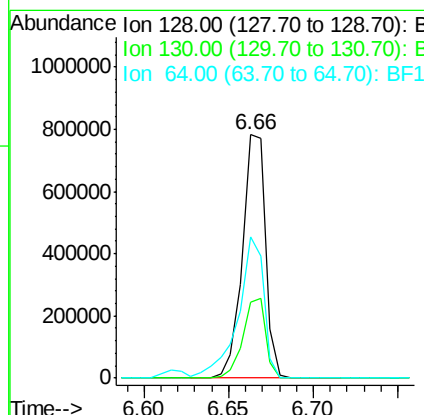
Delta R.T. -0.00 min

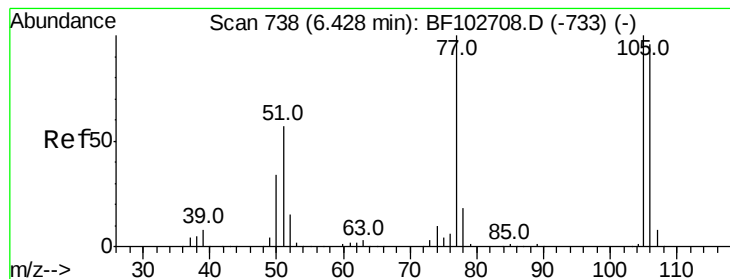
Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Tgt Ion: 128 Resp: 748181

Ion	Ratio	Lower	Upper
128	100		
130	31.4	13.0	53.0
64	58.0	29.4	69.4





#9

Benzaldehyde

Concen: 58.408 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

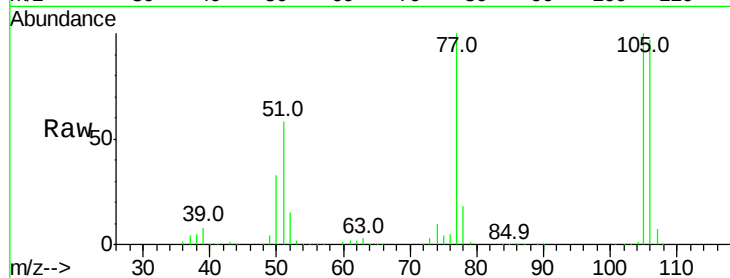
Tot Ion: 77 Resp: 646543

Ion Ratio Lower Upper

77 100

105 100.1 81.1 121.1

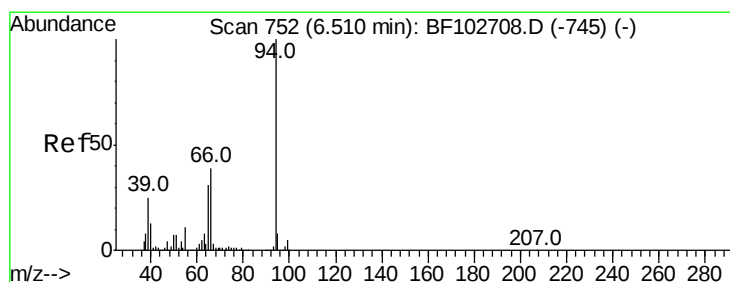
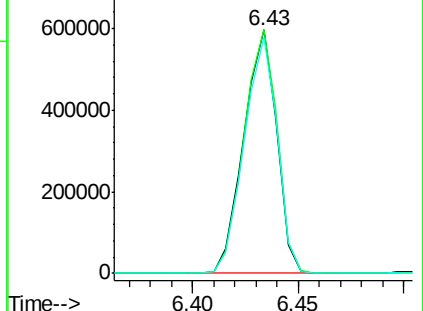
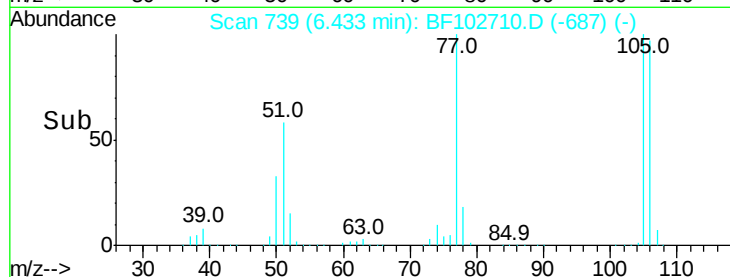
106 97.2 74.5 114.5



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: 51.997 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

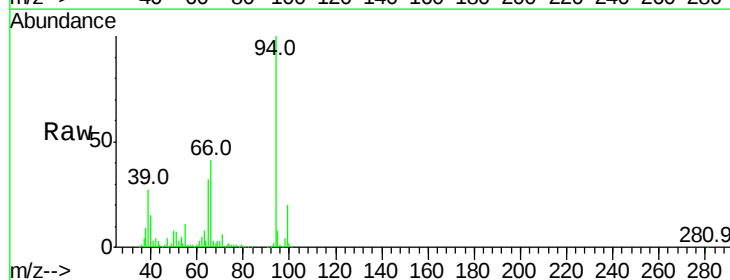
Tgt Ion: 94 Resp: 936805

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

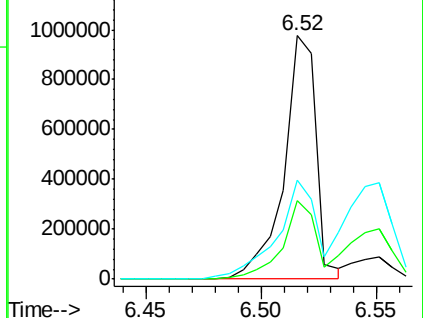
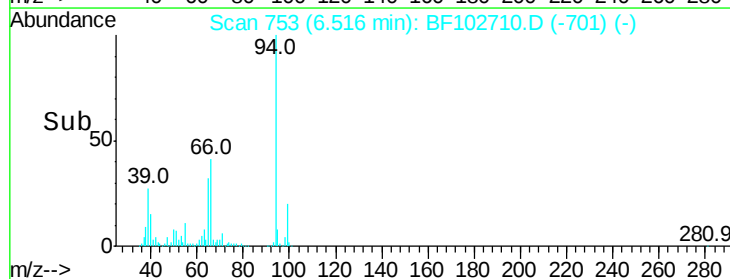
66 40.7 16.2 56.2

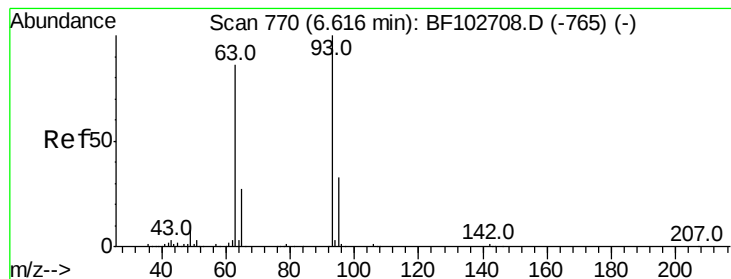


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 56.785 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

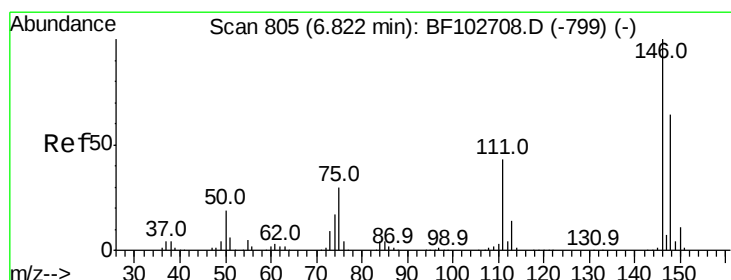
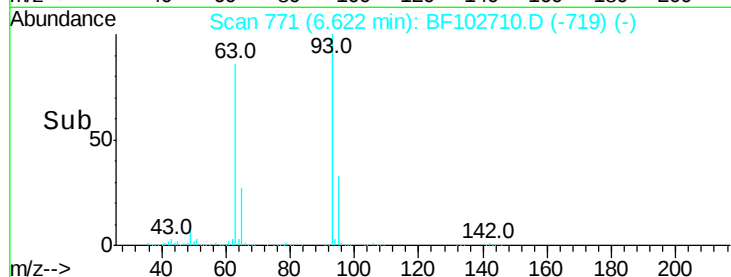
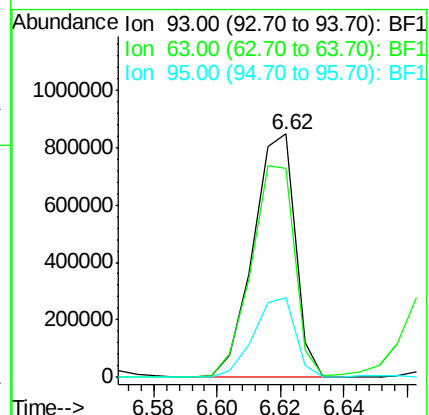
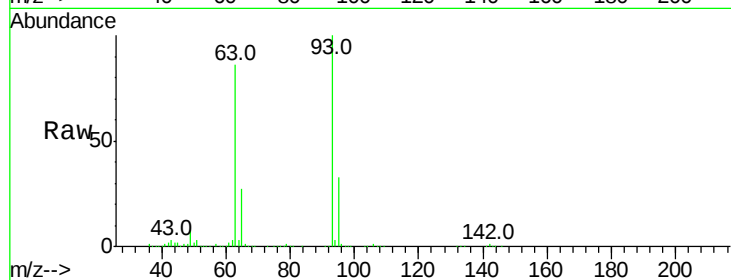
Tot Ion: 93 Resp: 778706

Ion Ratio Lower Upper

93 100

63 86.0 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 54.902 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

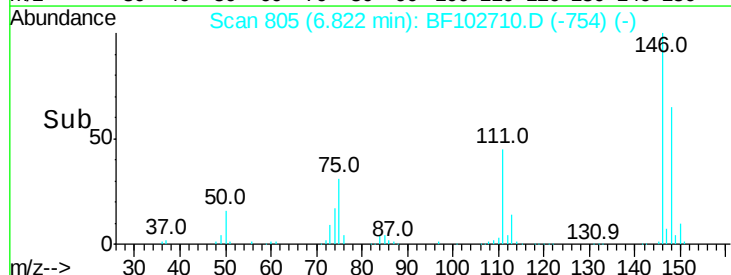
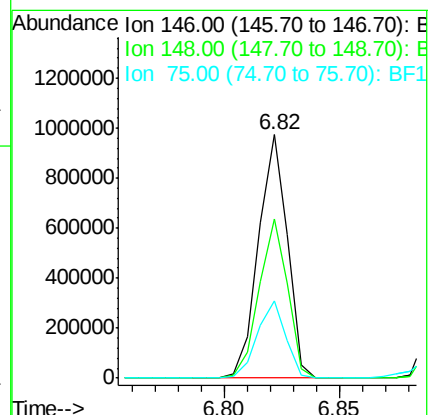
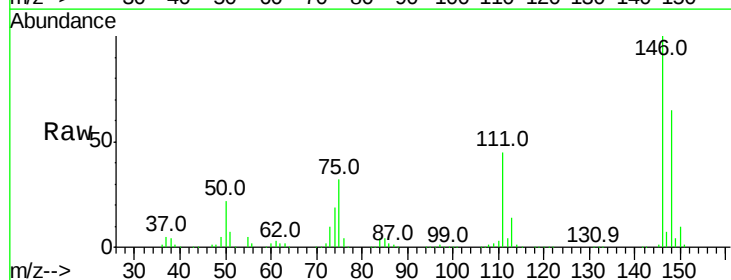
Tgt Ion: 146 Resp: 848151

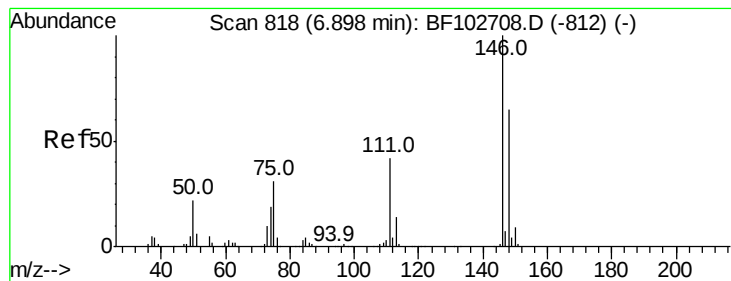
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

75 31.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 54.865 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

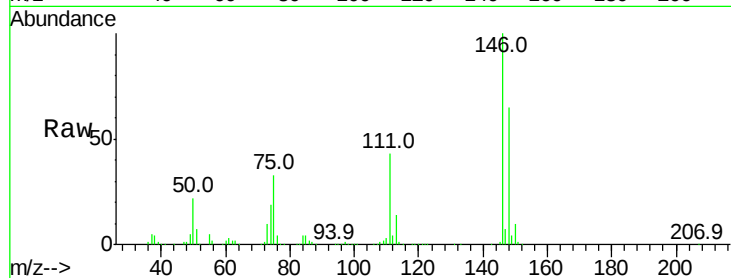
Tot Ion:146 Resp: 845760

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

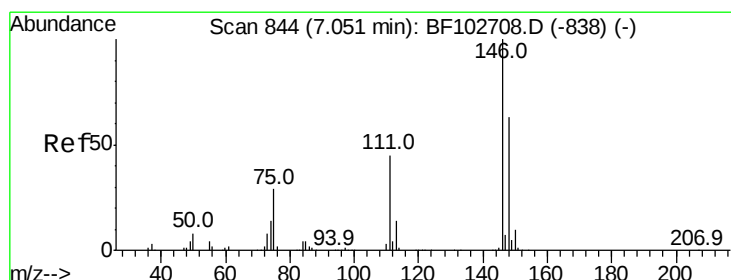
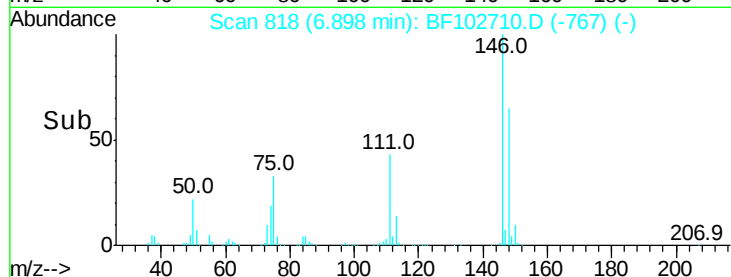
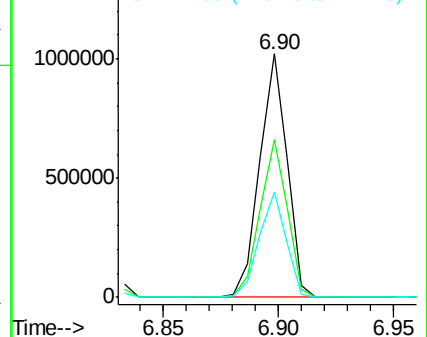
111 43.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 53.724 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

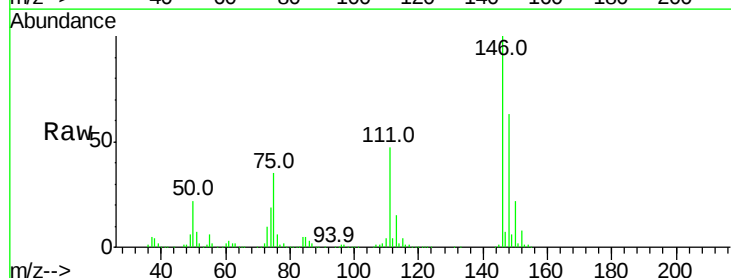
Tgt Ion:146 Resp: 766534

Ion Ratio Lower Upper

146 100

148 62.7 50.6 75.8

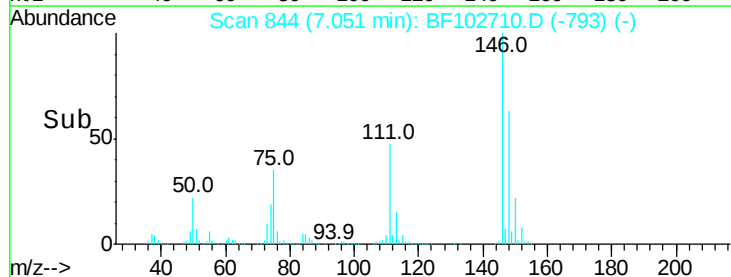
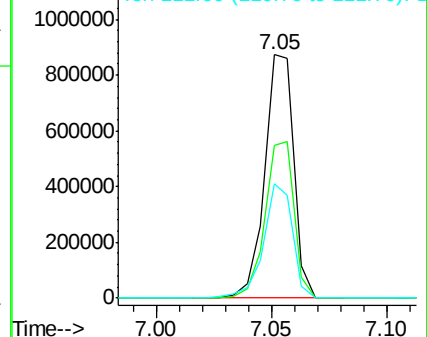
111 47.2 36.0 54.0

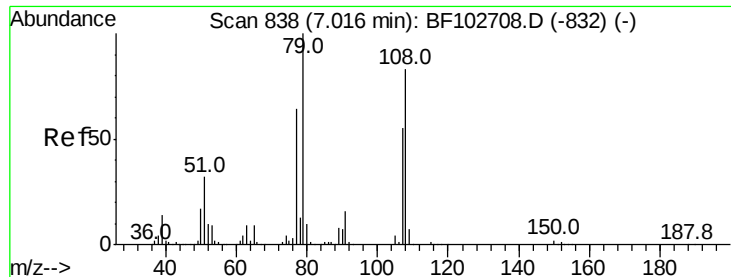


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 59.046 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

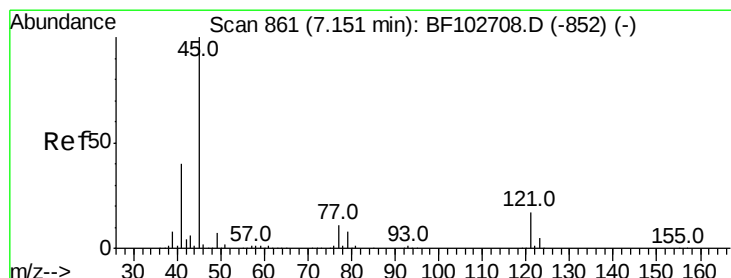
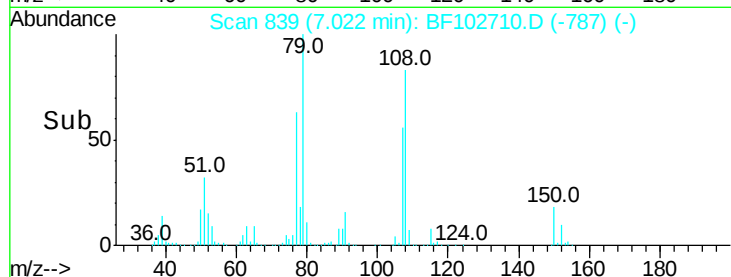
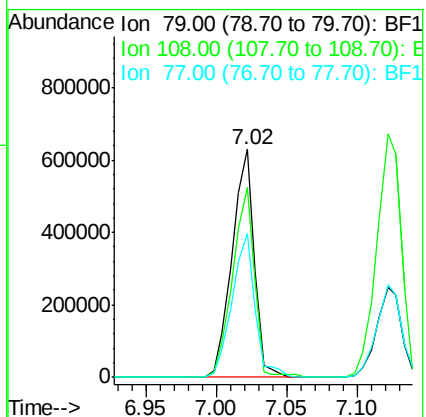
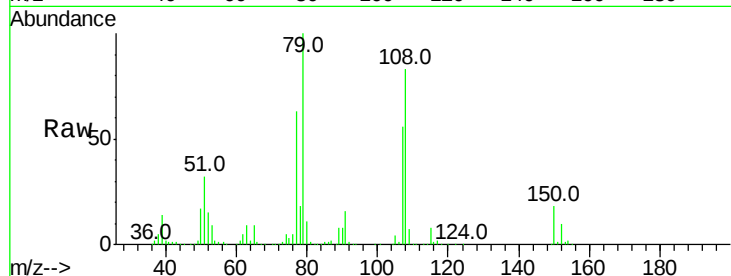
Tot Ion: 79 Resp: 688560

Ion Ratio Lower Upper

79 100

108 83.2 65.1 97.7

77 63.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 59.340 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

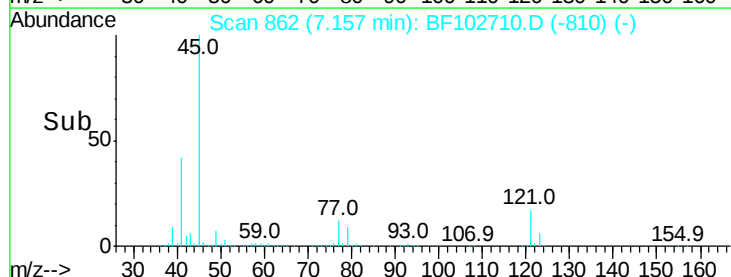
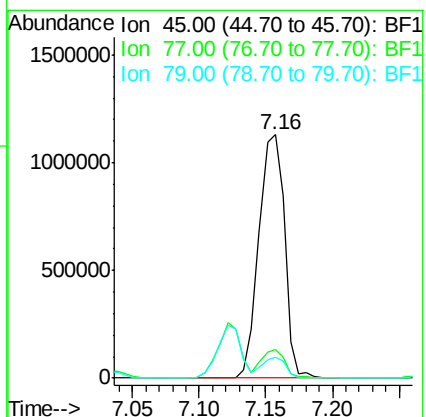
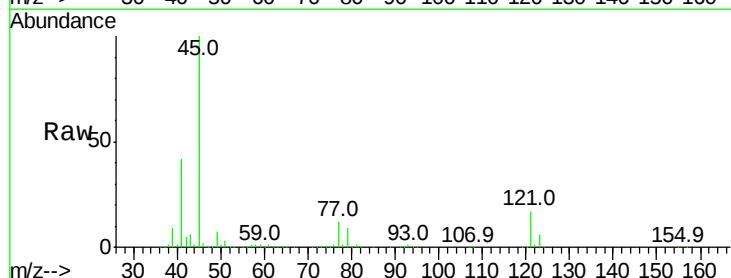
Tgt Ion: 45 Resp: 1500063

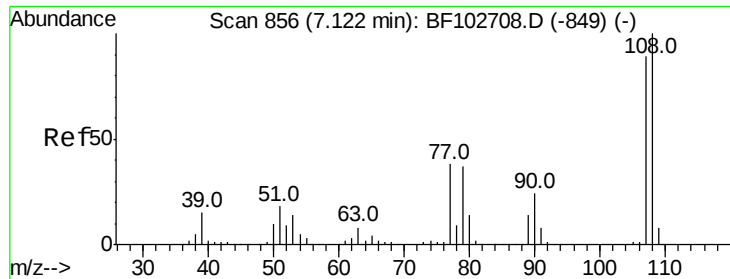
Ion Ratio Lower Upper

45 100

77 11.5 0.0 32.9

79 8.8 0.0 29.6

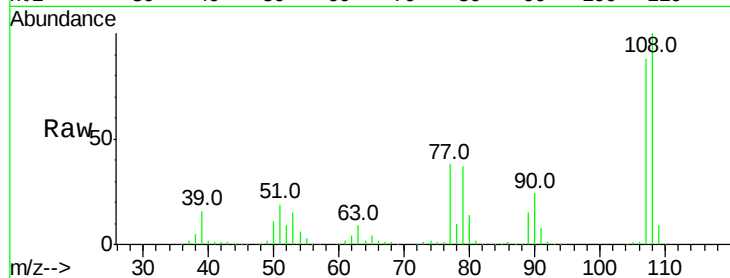




#17
2-Methylphenol
Concen: 58.304 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	43.4	33.8	50.8
79	42.1	33.8	50.8



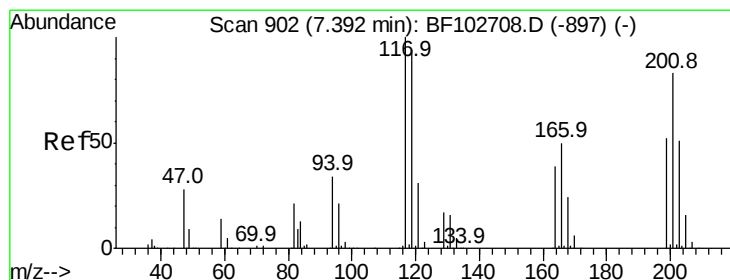
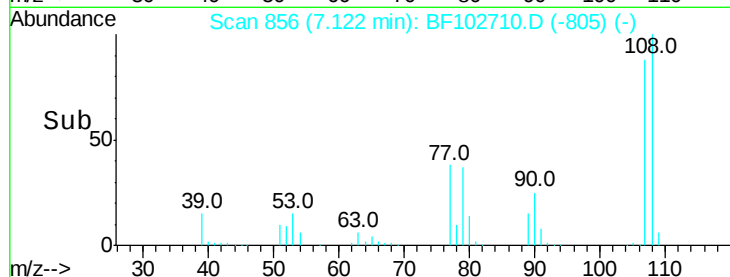
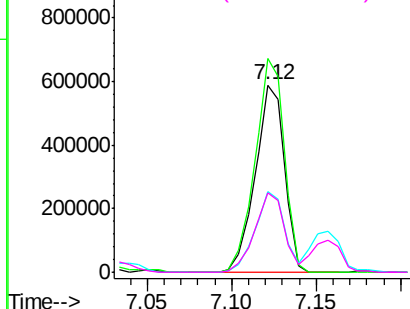
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

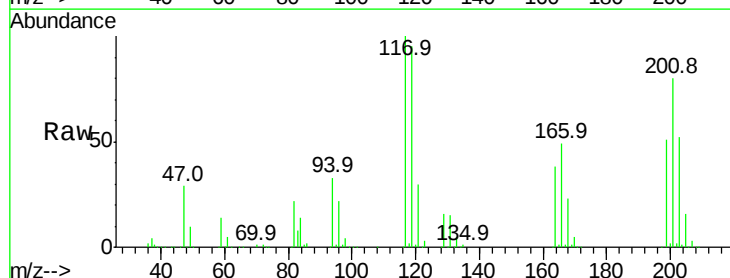
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 56.655 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	79.6	75.7	113.5

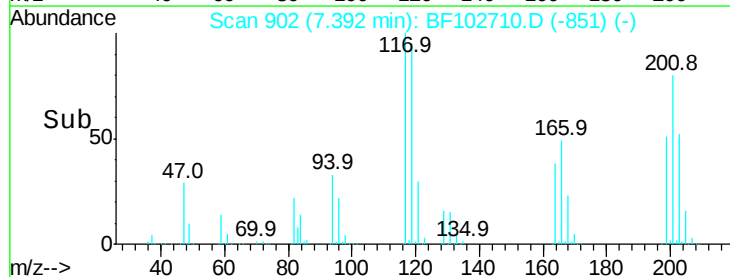
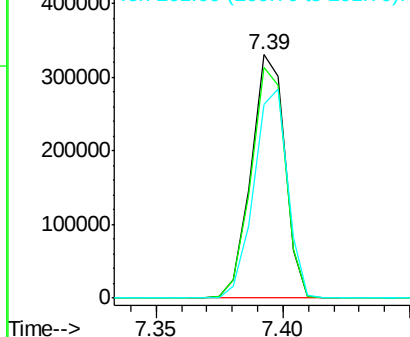


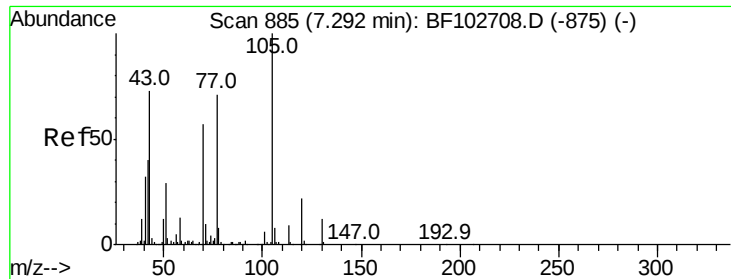
Abundance

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

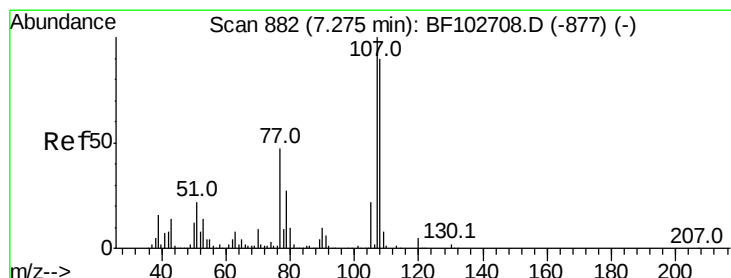
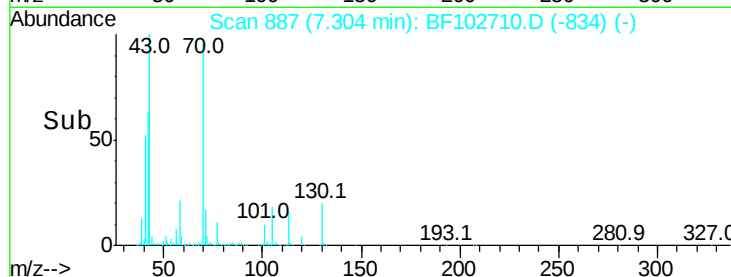
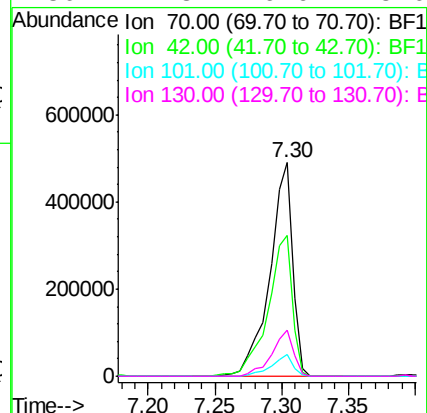
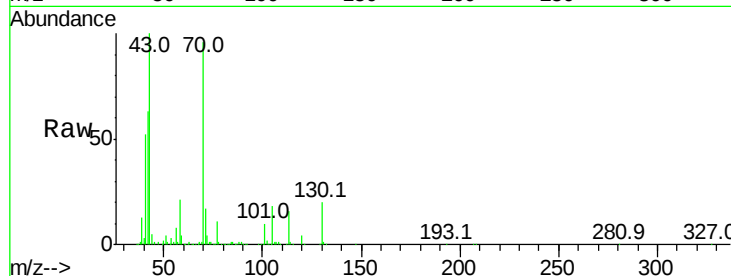




#19
n-Nitroso-di-n-propylamine
Concen: 55.998 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

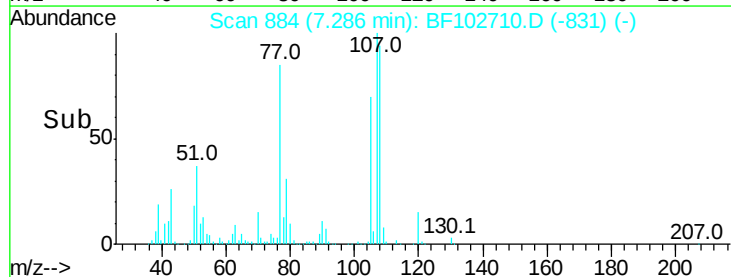
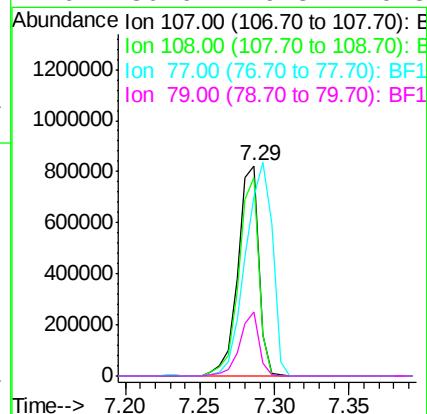
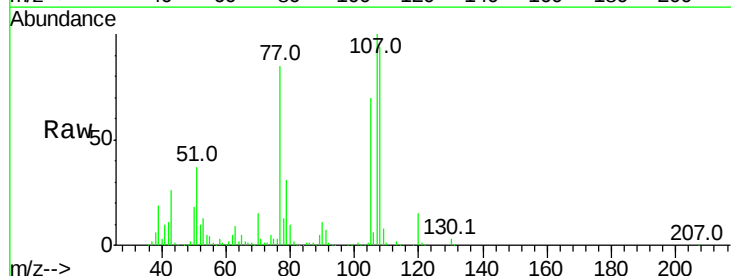
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

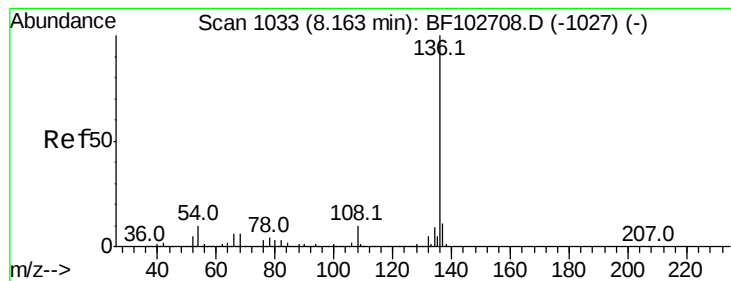
Tot Ion:	70	Resp:	585036
Ion	Ratio	Lower	Upper
70	100		
42	66.0	47.5	71.3
101	10.0	7.4	11.2
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 56.502 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:	107	Resp:	820149
Ion	Ratio	Lower	Upper
107	100		
108	94.4	68.2	108.2
77	85.2	26.7	66.7#
79	30.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 797708

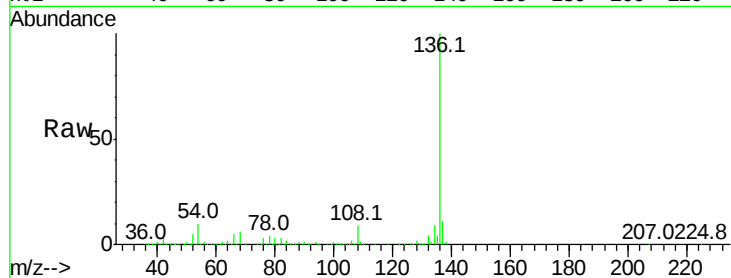
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.1 6.6 9.8#

68 6.3 5.0 7.4

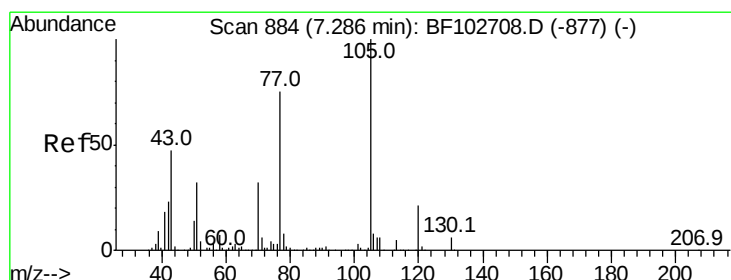
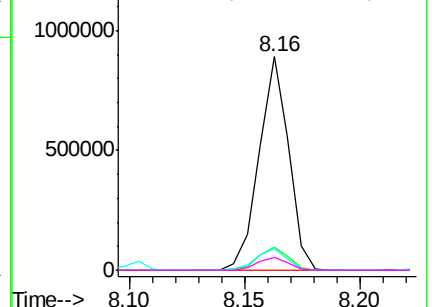
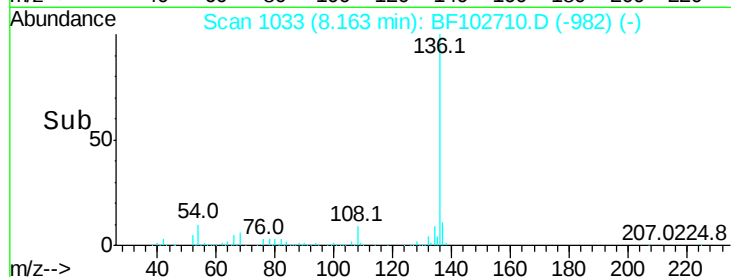


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.056 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Tgt Ion:105 Resp: 1077400

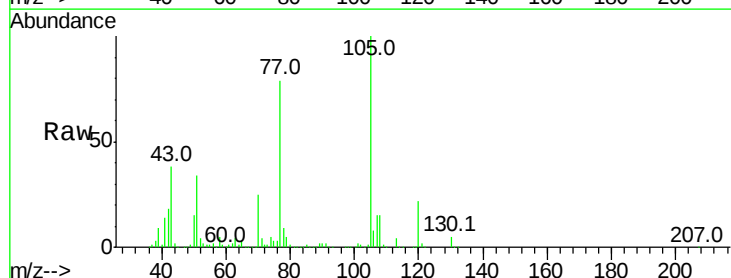
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 33.9 22.3 33.5#

120 21.9 16.9 25.3

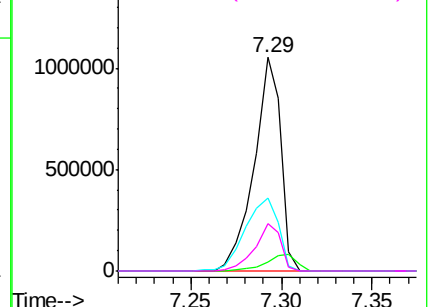
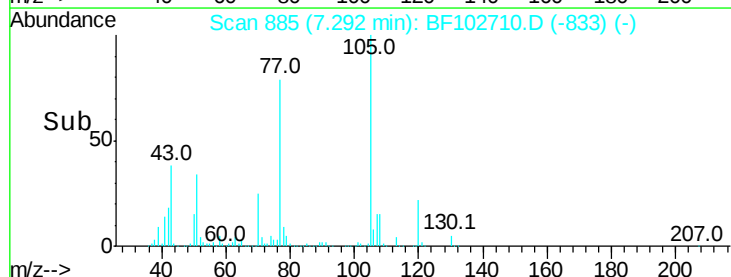


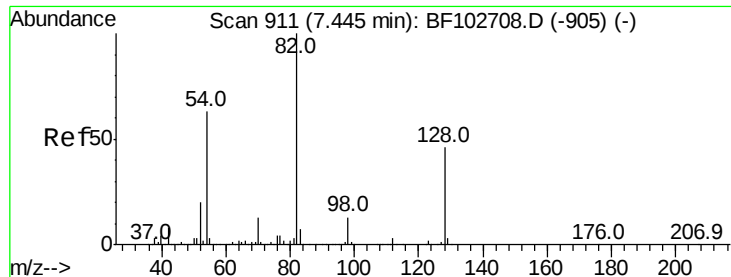
Abundance Ion 105.00 (104.70 to 105.70): E

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

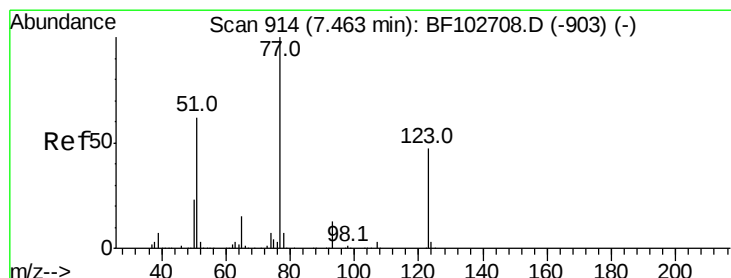
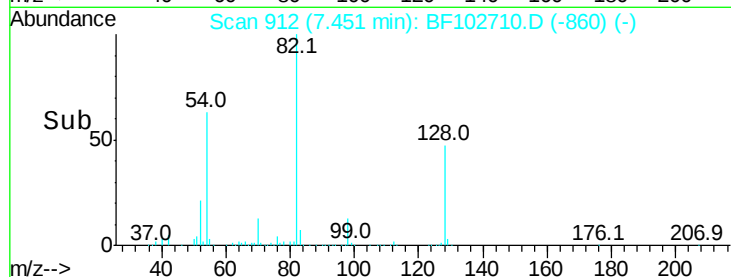
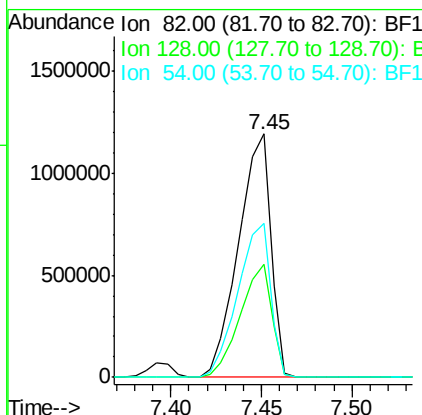
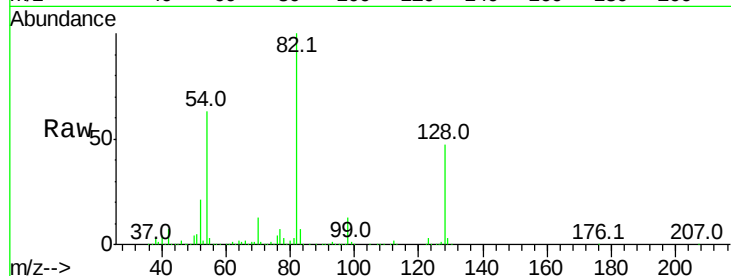




#23
 Nitrobenzene-d5
 Concen: 109.574 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

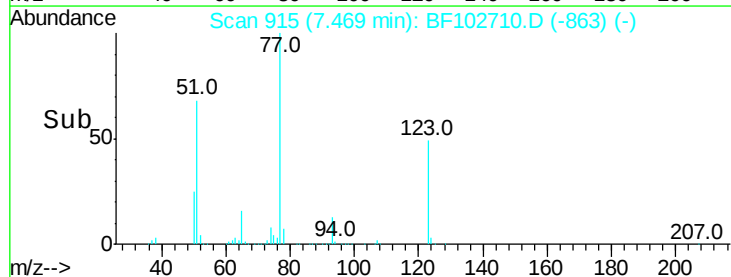
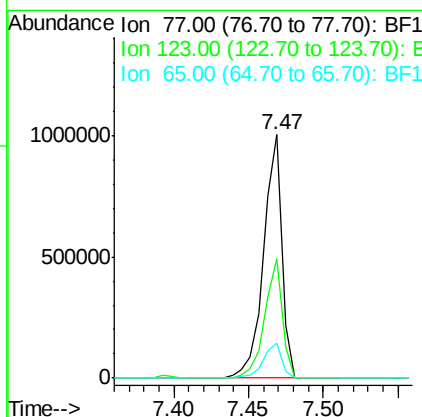
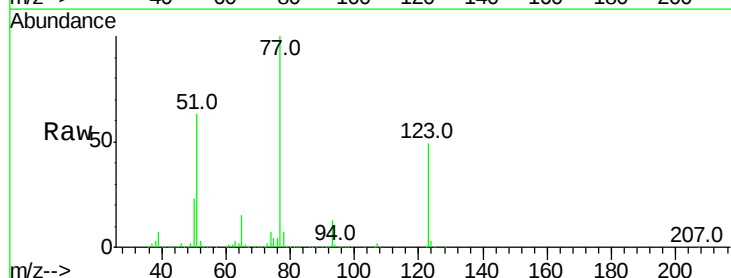
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

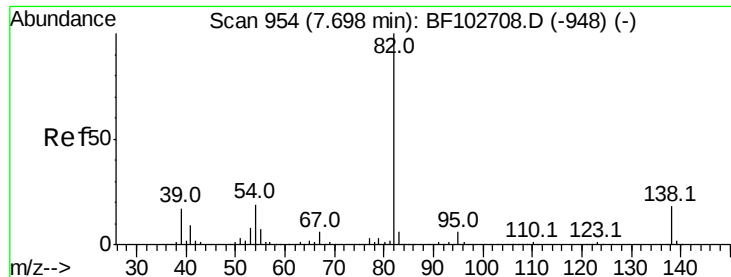
Tot Ion: 82 Resp: 1487443
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 63.2 41.4 62.2#



#24
 Nitrobenzene
 Concen: 57.558 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion: 77 Resp: 839582
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.9 56.9
 65 14.6 11.0 16.4





#25

Isophorone

Concen: 59.027 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

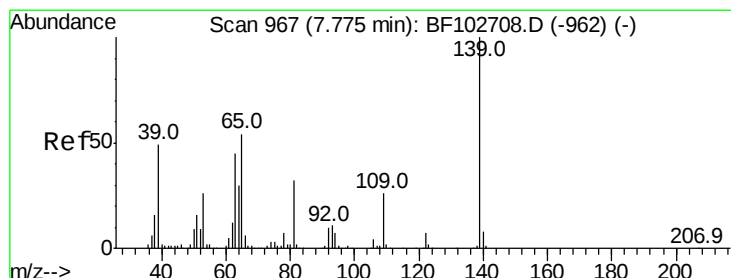
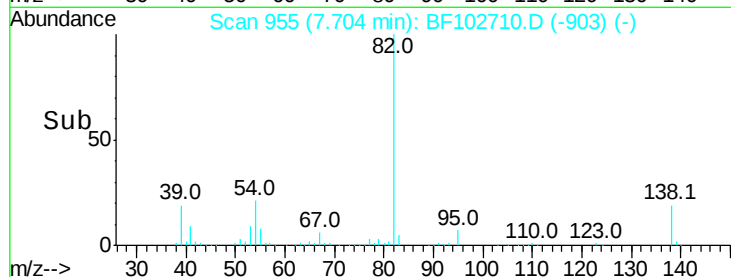
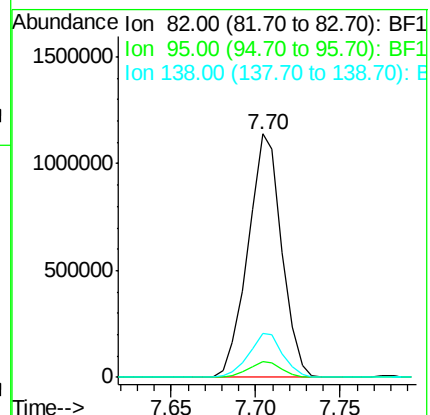
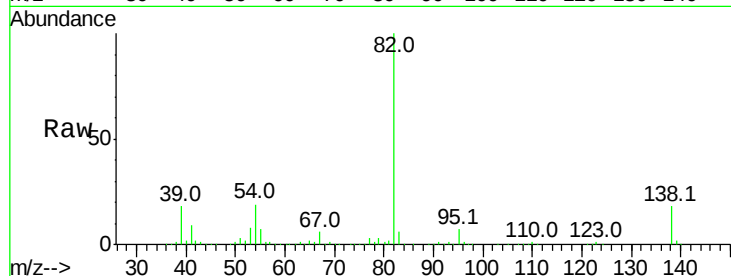
Tot Ion: 82 Resp: 1583246

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 59.901 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

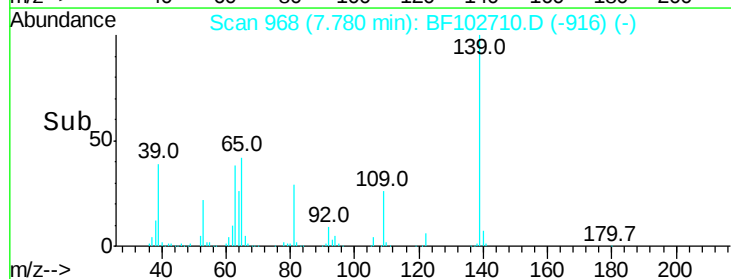
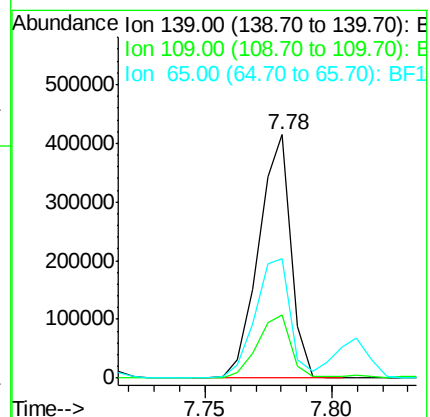
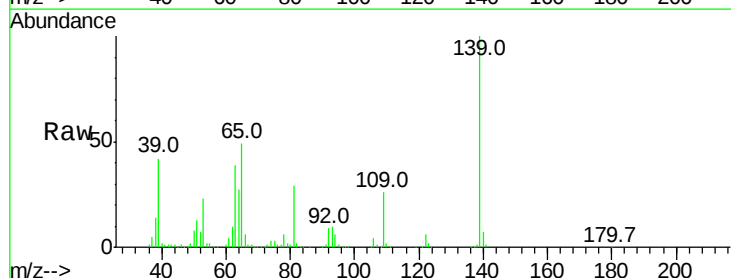
Tgt Ion:139 Resp: 365713

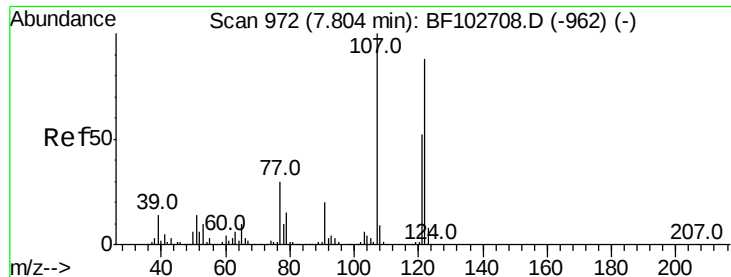
Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

65 49.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 59.340 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

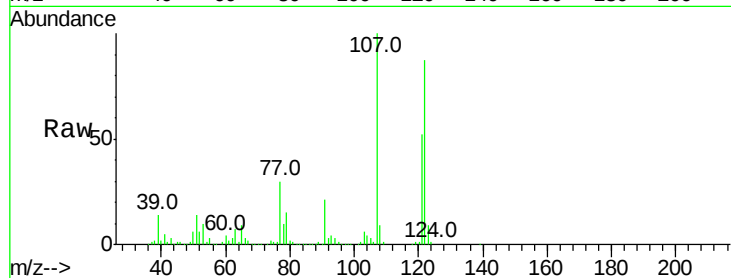
Tot Ion:122 Resp: 676600

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

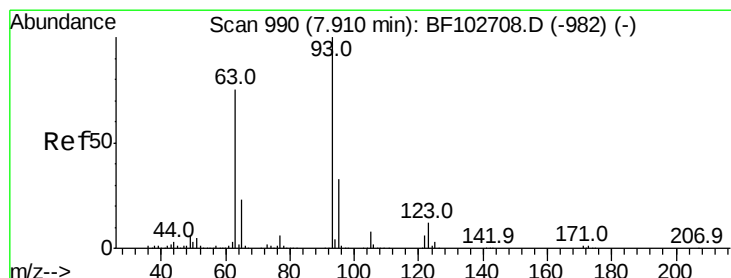
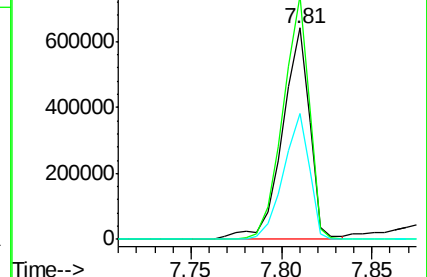
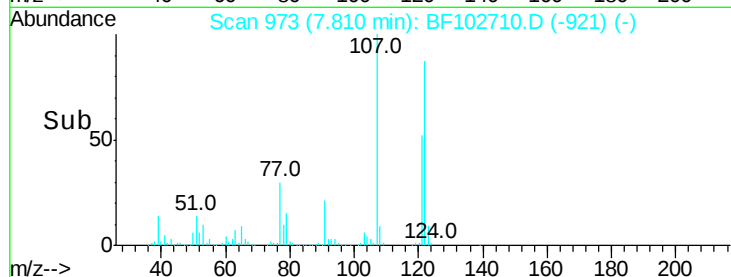
121 59.7 47.2 70.8



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: 56.999 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

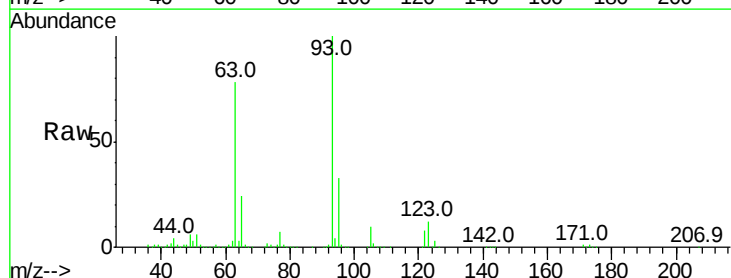
Tgt Ion: 93 Resp: 923129

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

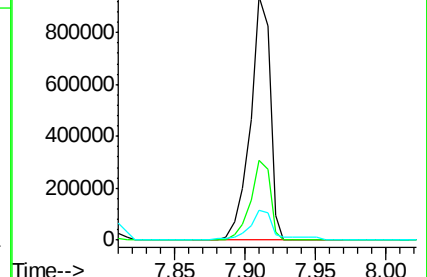
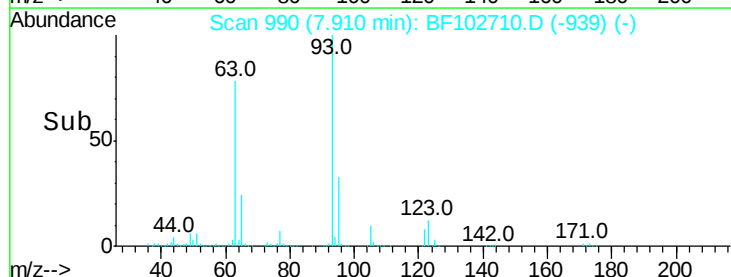
123 12.1 9.8 14.6

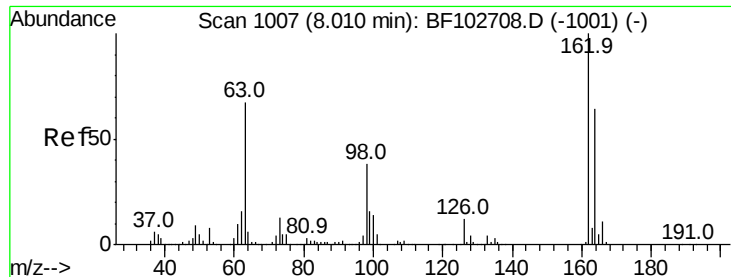


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

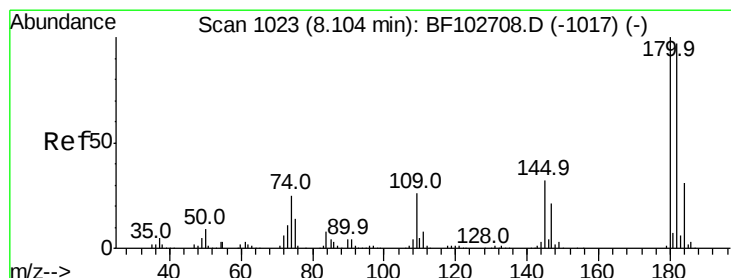
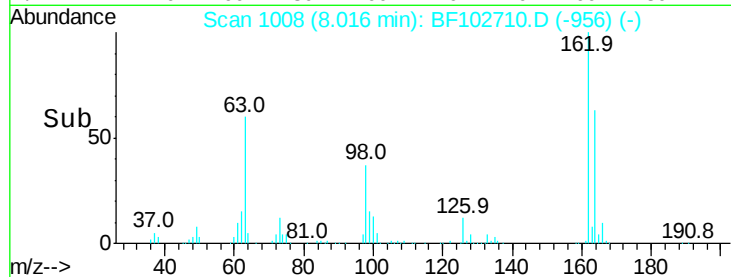
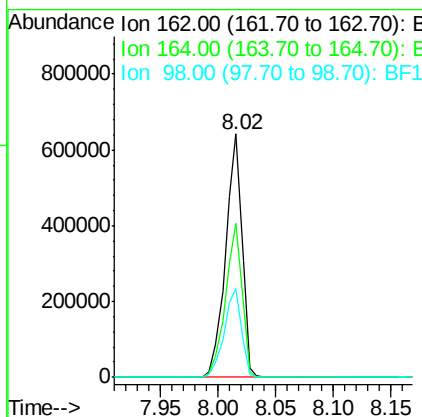
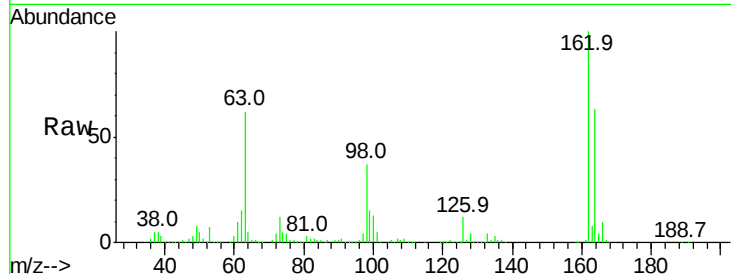




#29
 2,4-Dichlorophenol
 Concen: 58.442 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

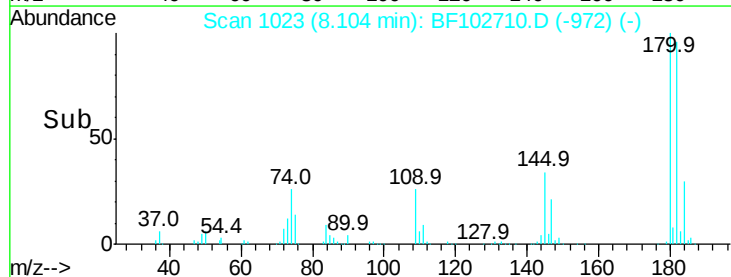
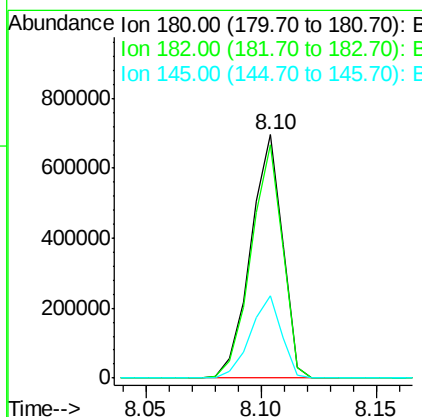
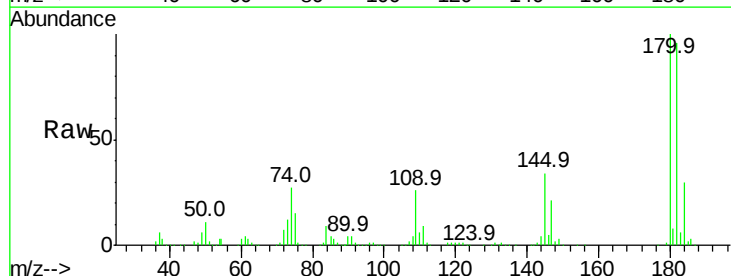
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

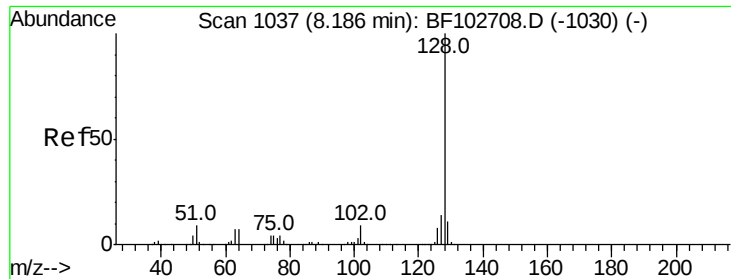
Tot Ion:	162	Resp:	632738
Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	36.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 58.952 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:	180	Resp:	667611
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	33.9	26.5	39.7

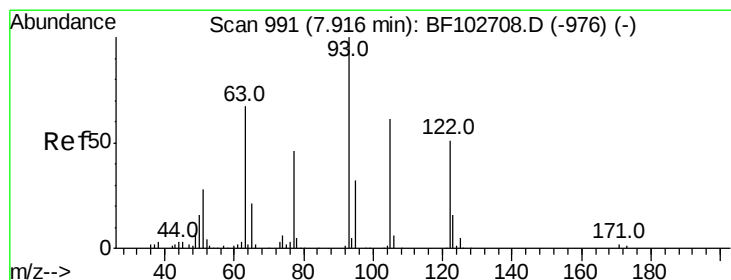
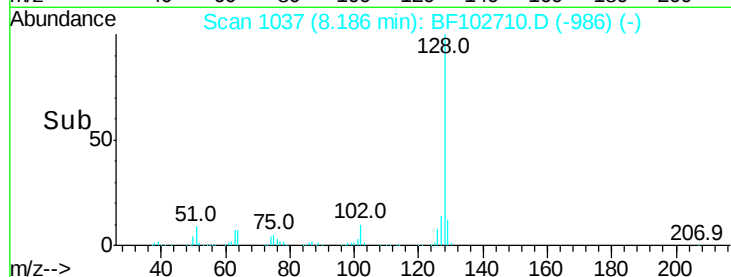
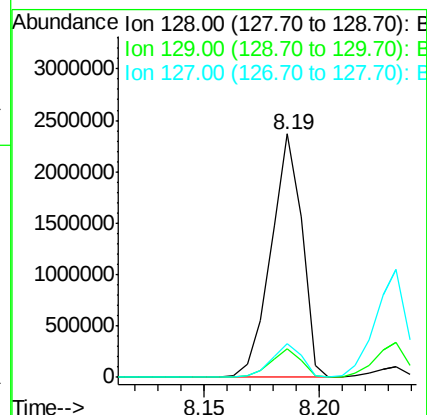
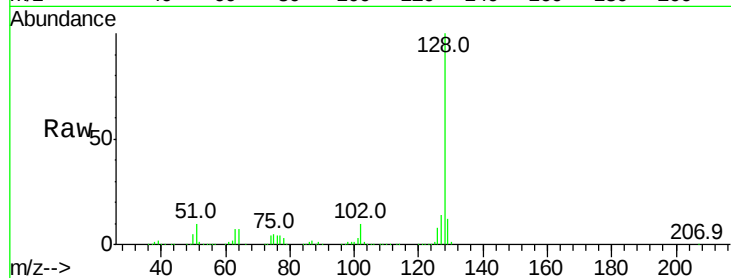




#31
Naphthalene
Concen: 55.056 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

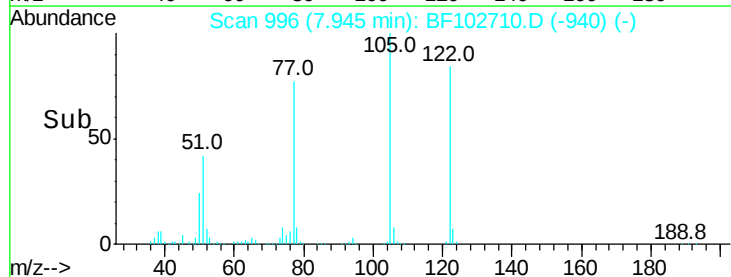
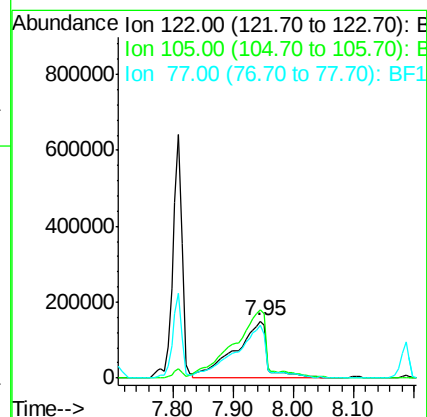
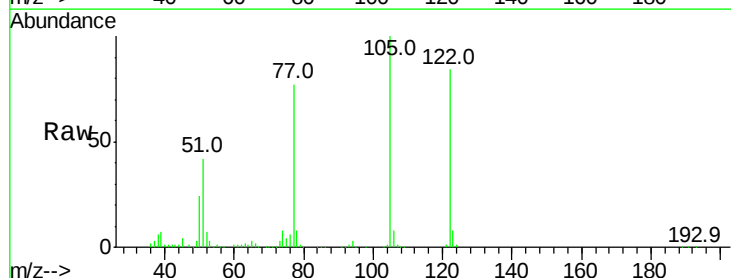
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

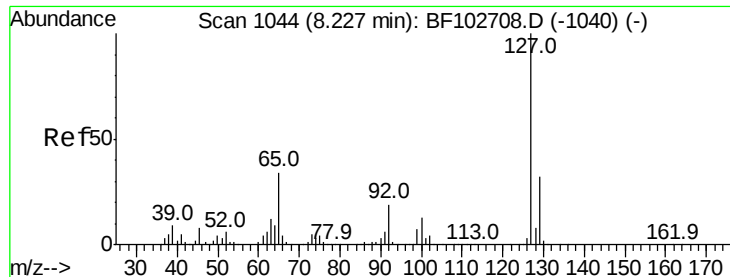
Tot Ion:128 Resp: 2194524
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 63.705 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.03 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:122 Resp: 550801
Ion Ratio Lower Upper
122 100
105 119.7 101.1 141.1
77 92.1 70.7 110.7

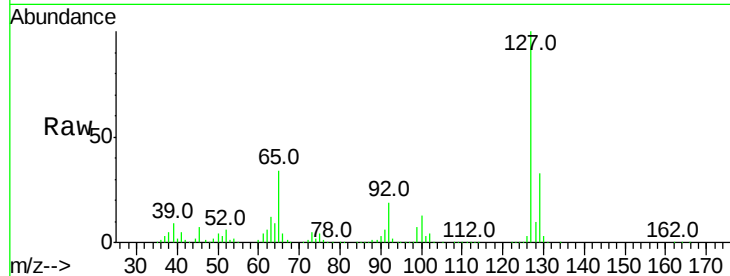




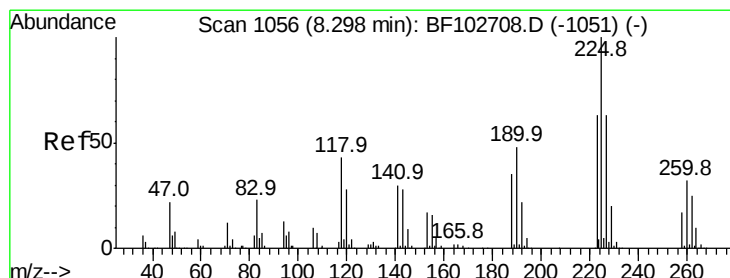
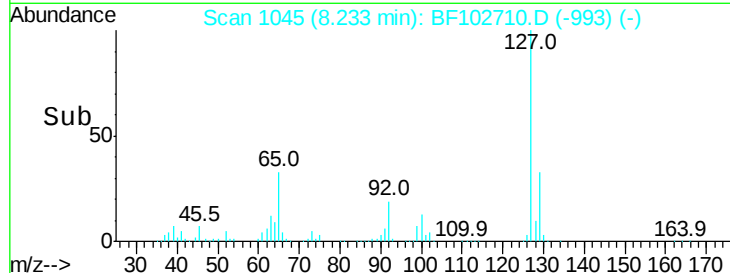
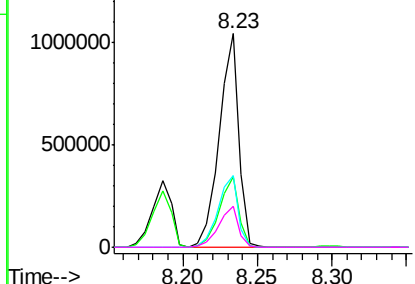
#33
4-Chloroaniline
Concen: 56.671 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:	127	Resp:	964148
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	33.6	25.0	37.4
92	19.1	15.2	22.8

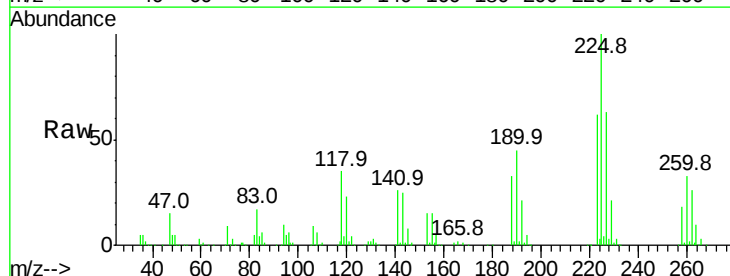


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

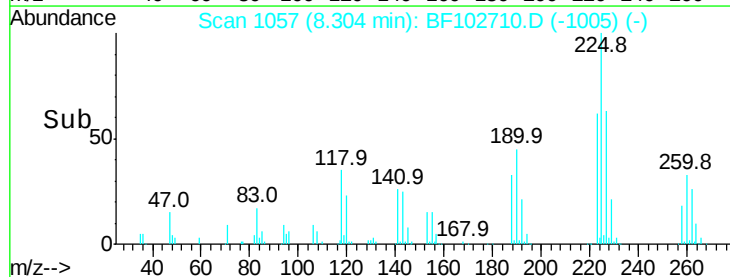
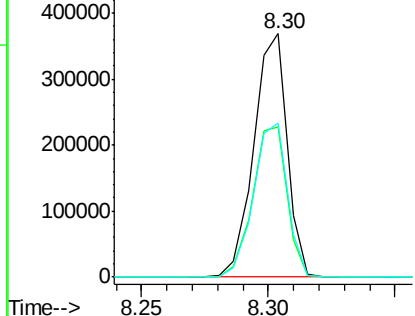


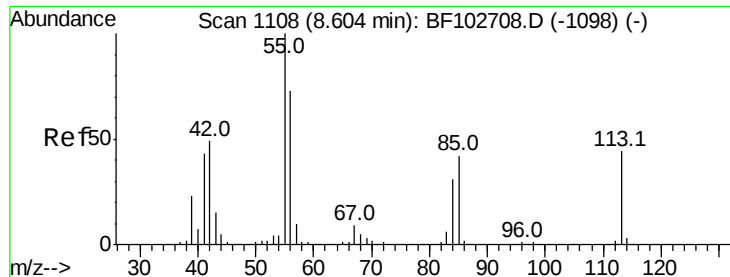
#34
Hexachlorobutadiene
Concen: 56.452 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:	225	Resp:	338394
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	63.1	51.9	77.9



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





#35

Caprolactam

Concen: 61.621 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.02 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

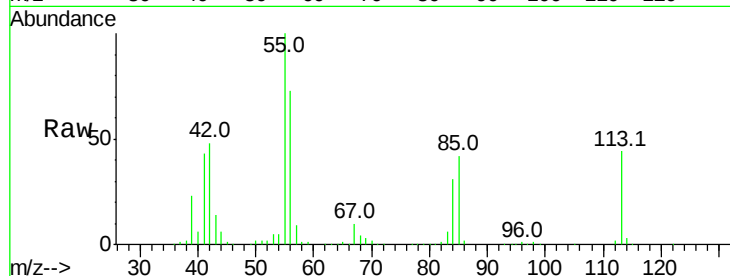
Tot Ion:113 Resp: 229031

Ion Ratio Lower Upper

113 100

55 225.9 163.3 203.3#

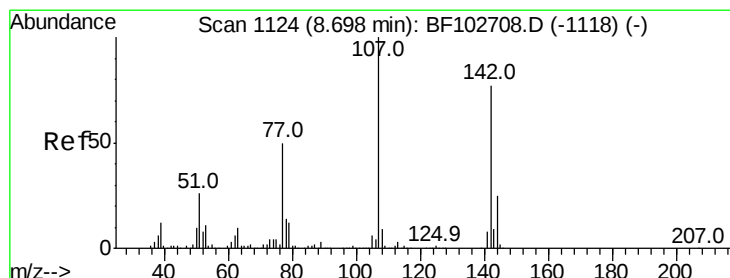
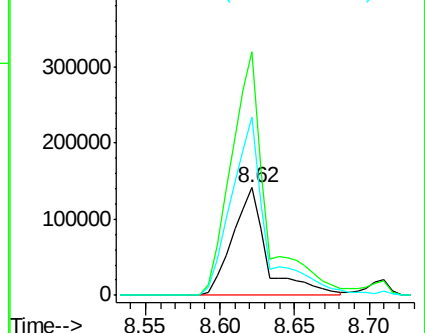
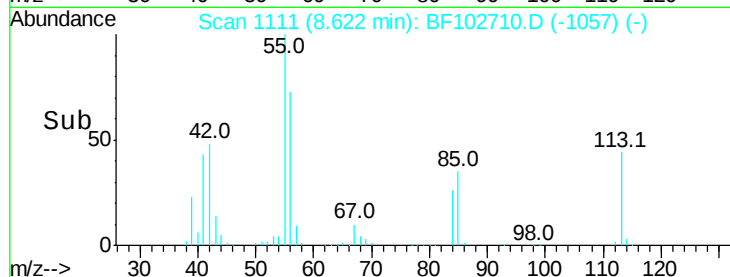
56 165.5 115.7 155.7#



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: 58.386 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

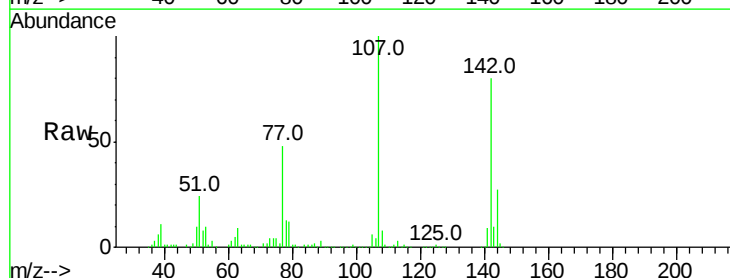
Tgt Ion:107 Resp: 691946

Ion Ratio Lower Upper

107 100

144 27.1 20.5 30.7

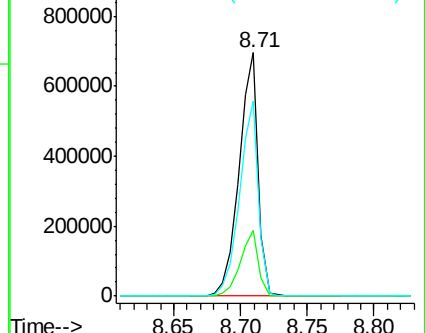
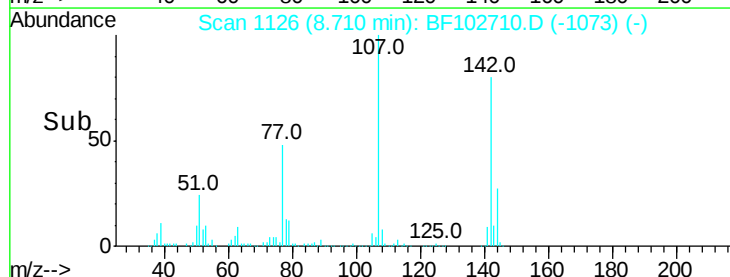
142 80.0 62.0 93.0

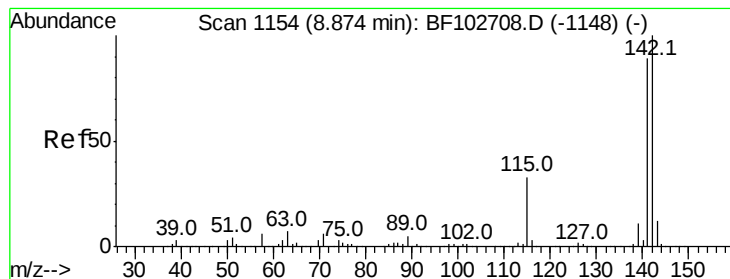


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

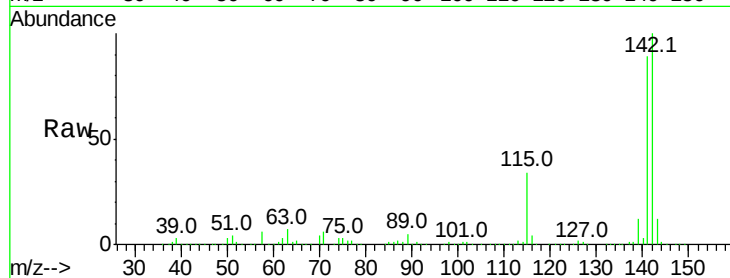




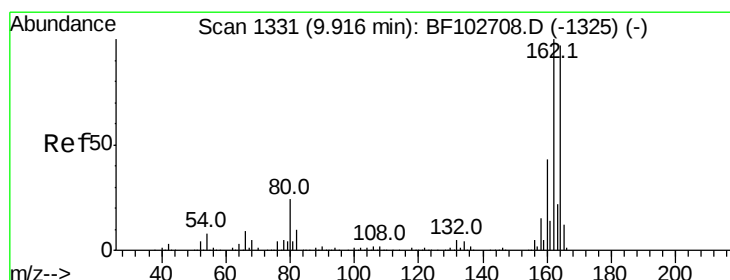
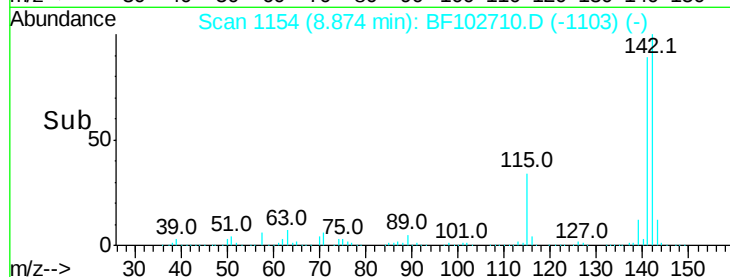
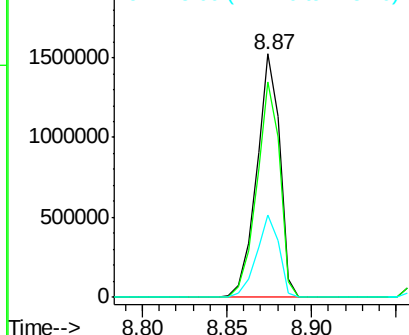
#37
2-Methylnaphthalene
Concen: 55.182 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:142 Resp: 1448046
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
115 33.9 26.1 39.1

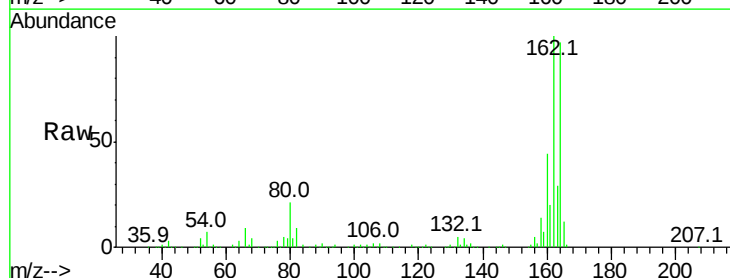


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

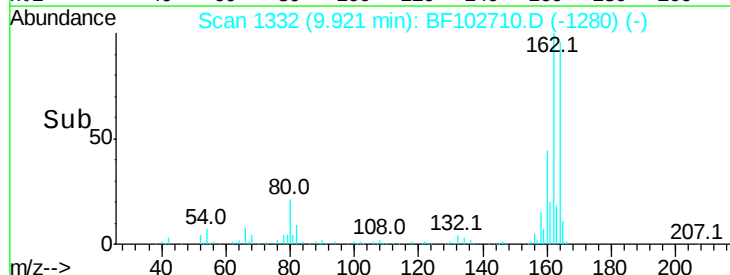
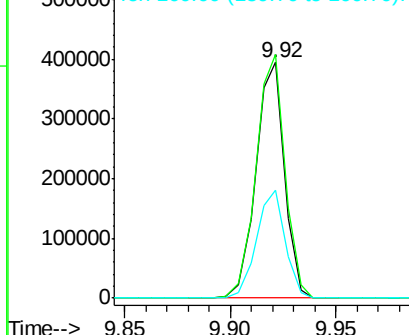


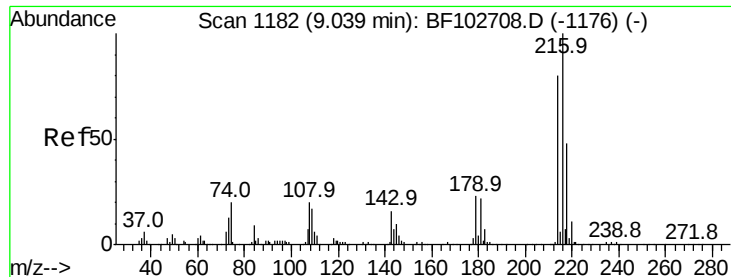
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:164 Resp: 371549
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 45.8 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

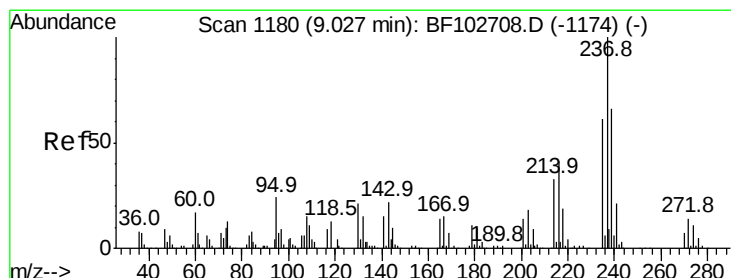
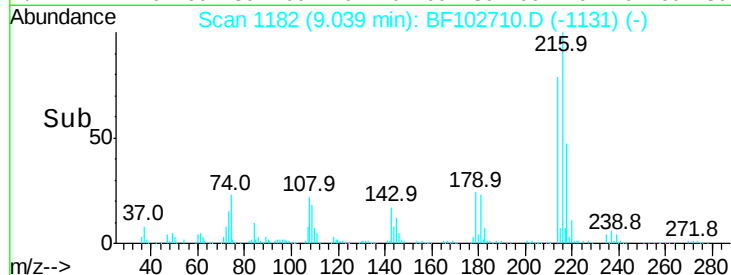
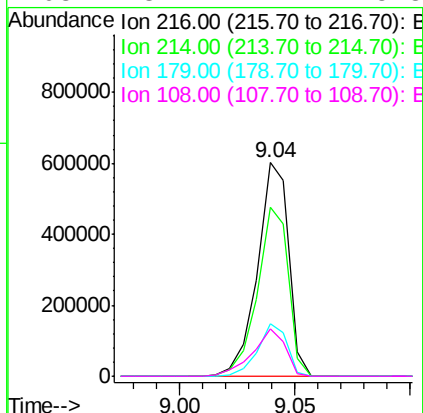
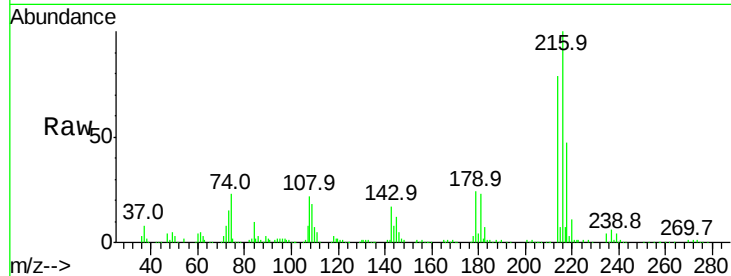




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.086 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

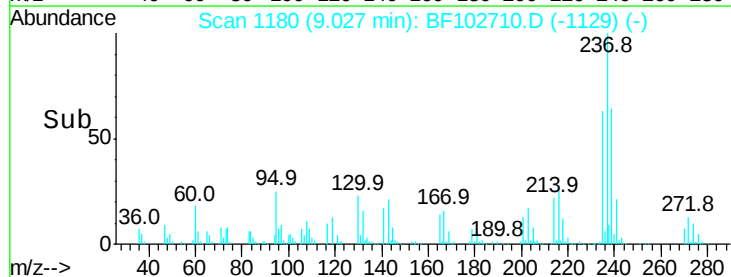
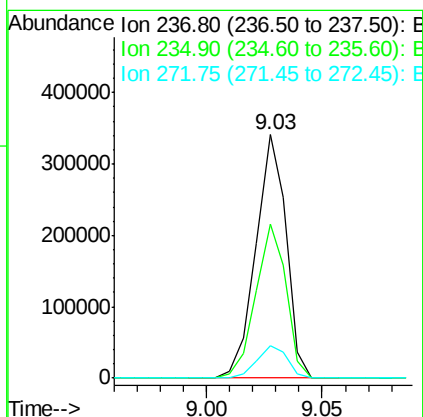
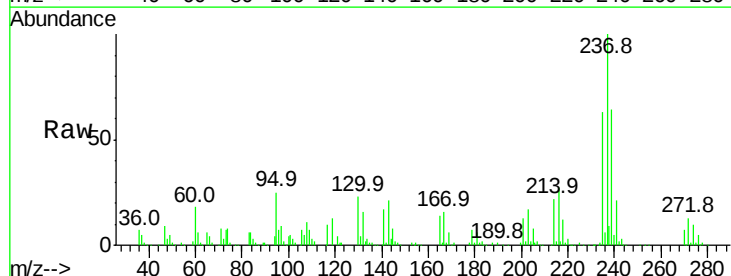
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

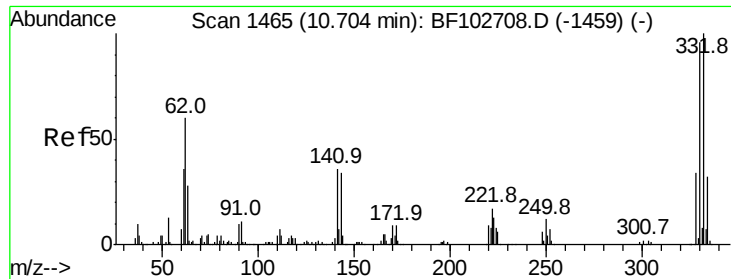
Tot Ion:216 Resp: 568522
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.0 94.4
 179 23.2 18.1 27.1
 108 23.2 17.2 25.8



#40
 Hexachlorocyclopentadiene
 Concen: 54.581 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:237 Resp: 313765
 Ion Ratio Lower Upper
 237 100
 235 63.3 44.8 84.8
 272 13.5 0.0 33.3

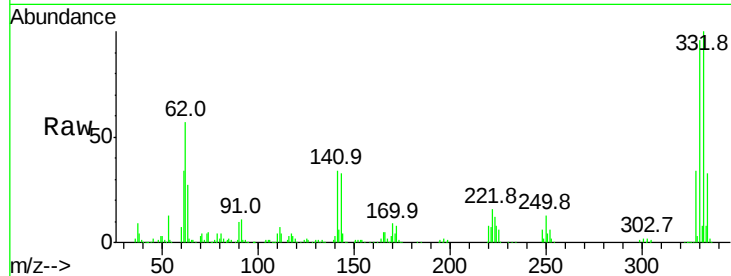




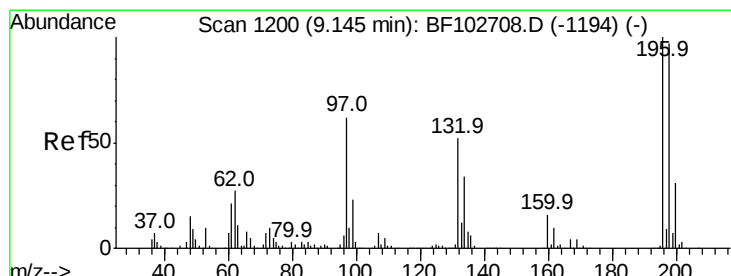
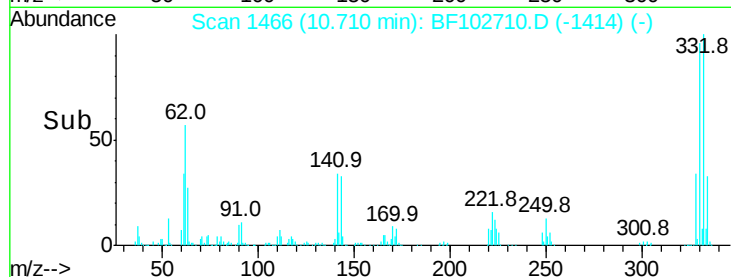
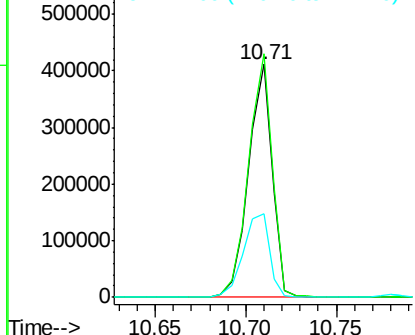
#41
 2,4,6-Tribromophenol
 Concen: 116.110 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:330 Resp: 376482
 Ion Ratio Lower Upper
 330 100
 332 104.2 77.0 115.6
 141 39.8 29.9 44.9

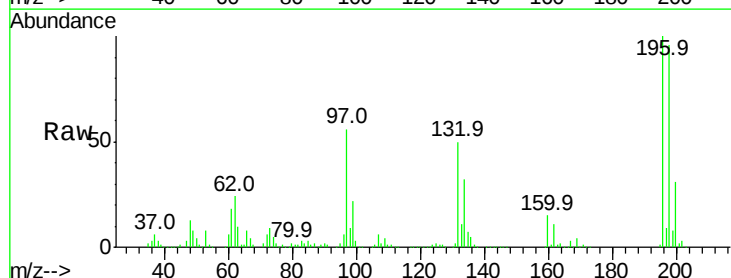


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

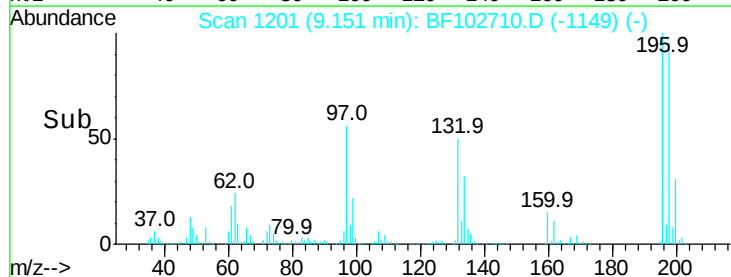
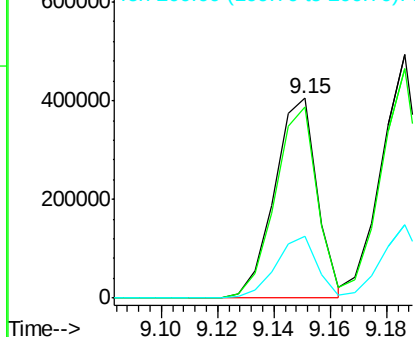


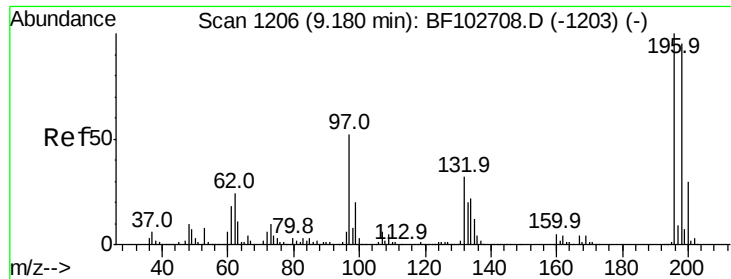
#42
 2,4,6-Trichlorophenol
 Concen: 58.481 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:196 Resp: 423606
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 31.0 24.5 36.7



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

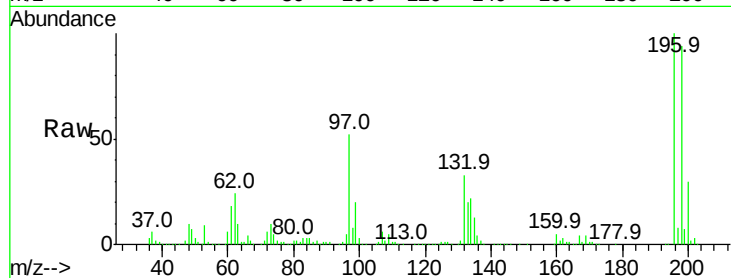




#43
 2,4,5-Trichlorophenol
 Concen: 57.291 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	196	Resp:	469037
Ion	Ratio	Lower	Upper
196	100		
198	94.1	74.6	112.0
97	52.3	42.9	64.3
132	33.2	26.3	39.5



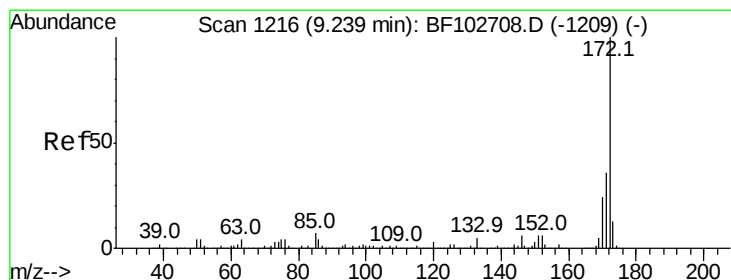
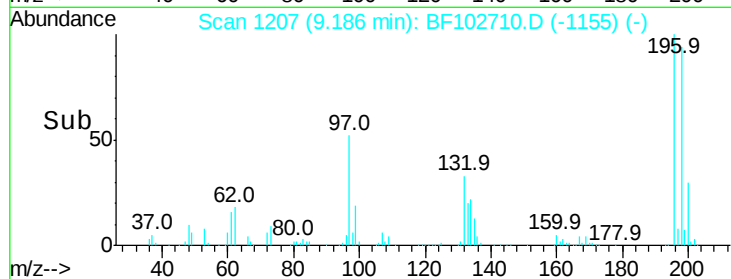
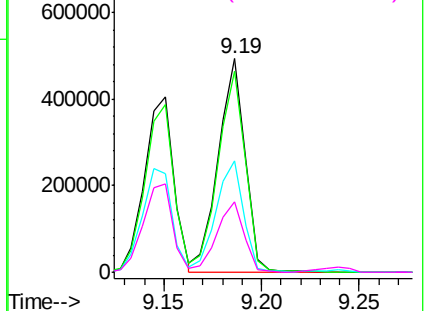
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

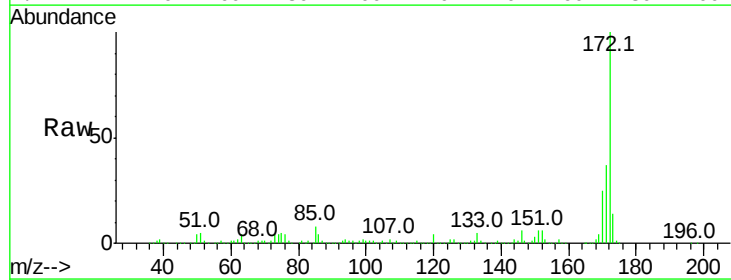
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.843 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:	172	Resp:	2445876
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.0	19.6	29.4

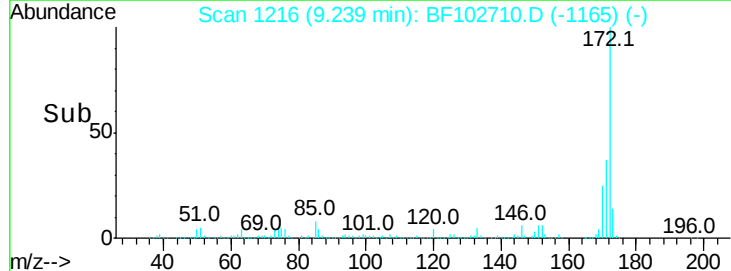
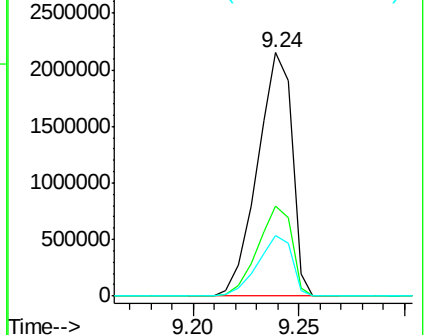


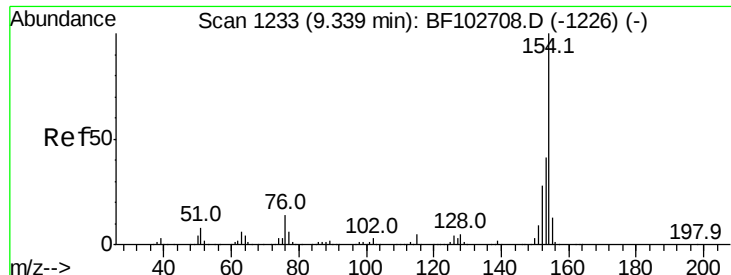
Abundance

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: 52.492 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

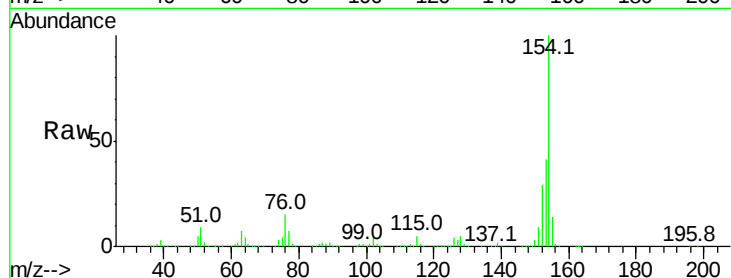
Tot Ion:154 Resp: 1723890

Ion Ratio Lower Upper

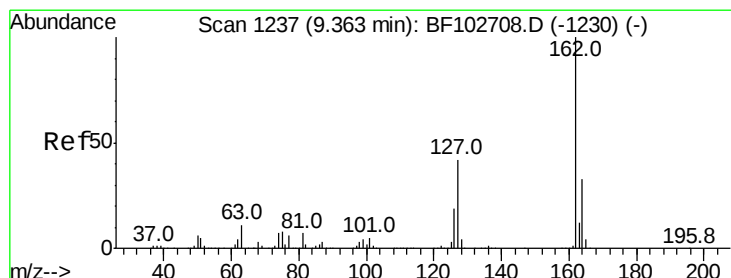
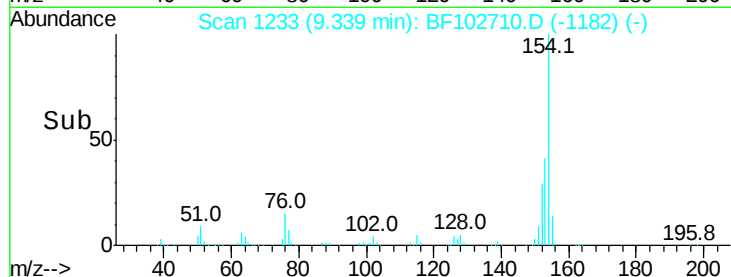
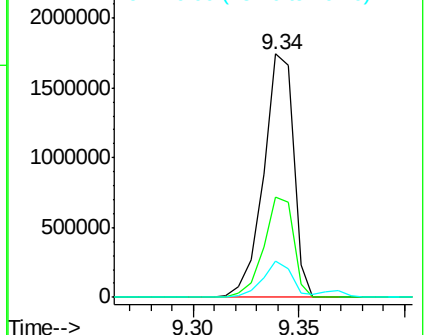
154 100

153 41.4 21.3 61.3

76 15.1 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 54.878 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

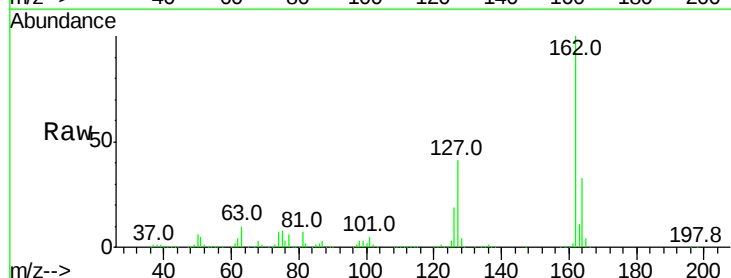
Tgt Ion:162 Resp: 1397575

Ion Ratio Lower Upper

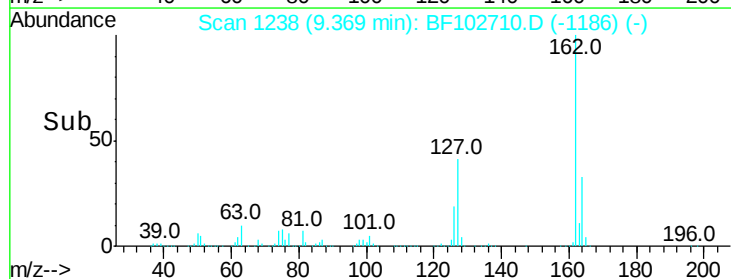
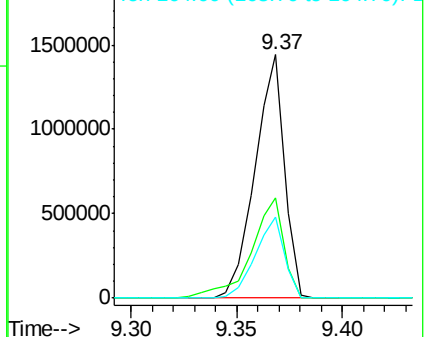
162 100

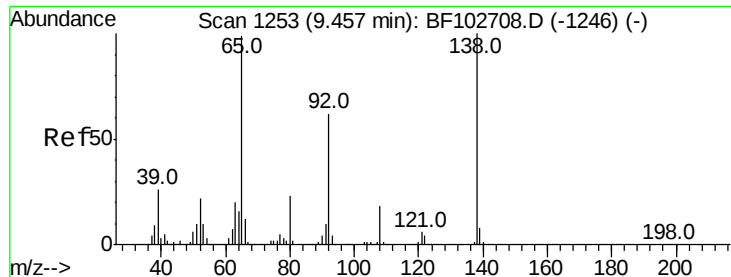
127 41.0 33.9 50.9

164 33.3 26.5 39.7



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





#47

2-Nitroaniline

Concen: 63.874 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

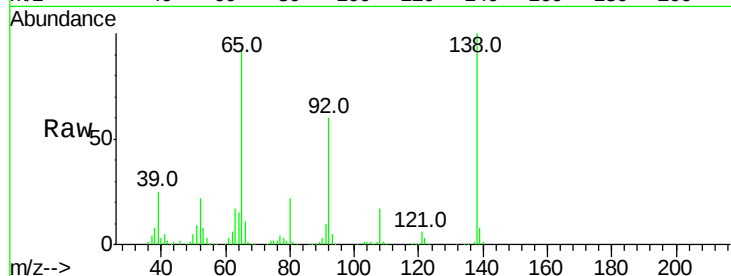
Tot Ion: 65 Resp: 487265

Ion Ratio Lower Upper

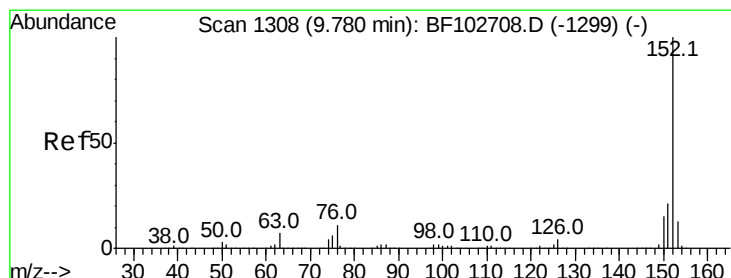
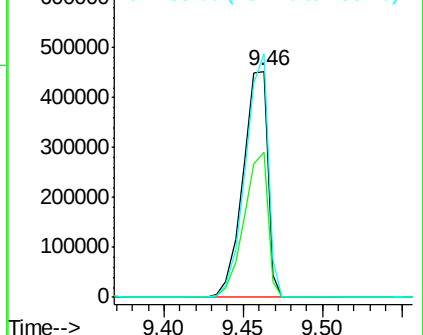
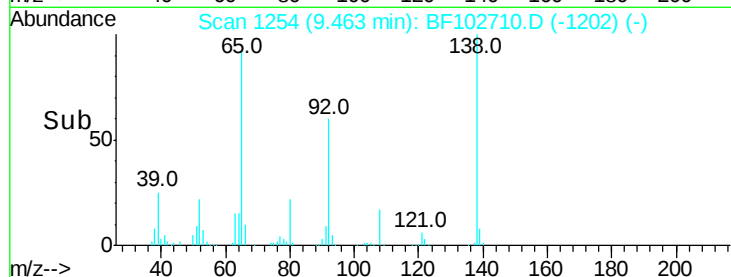
65 100

92 64.4 55.8 83.6

138 107.8 91.2 136.8



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



#48

Acenaphthylene

Concen: 53.163 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

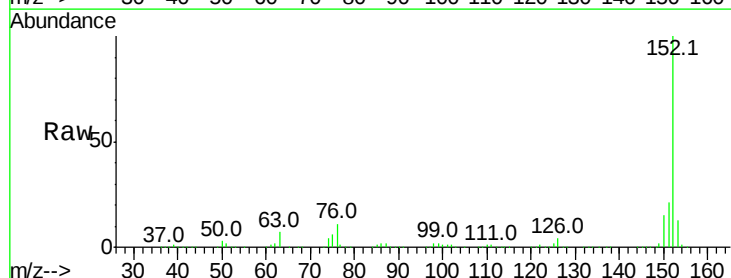
Tgt Ion:152 Resp: 2148624

Ion Ratio Lower Upper

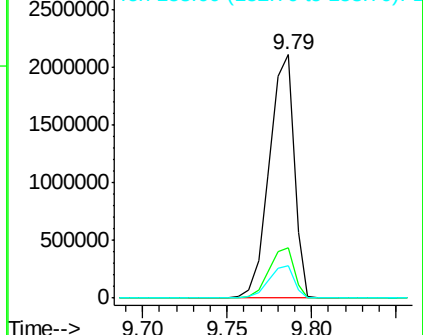
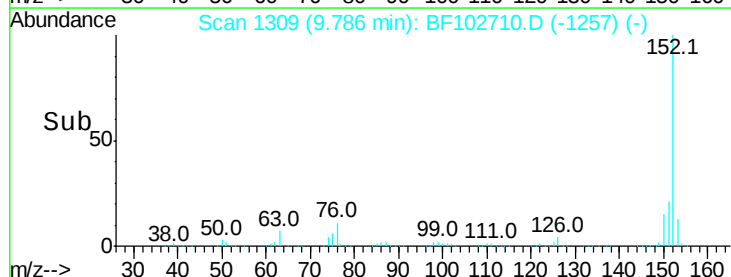
152 100

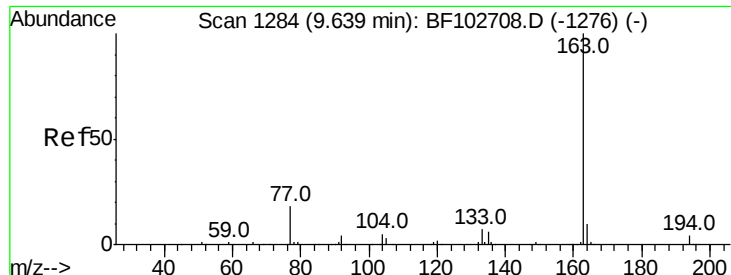
151 20.7 16.3 24.5

153 13.4 10.7 16.1



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

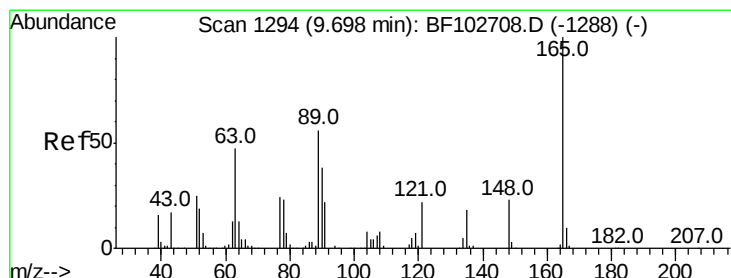
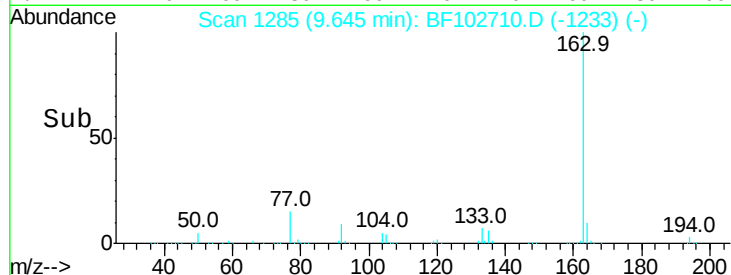
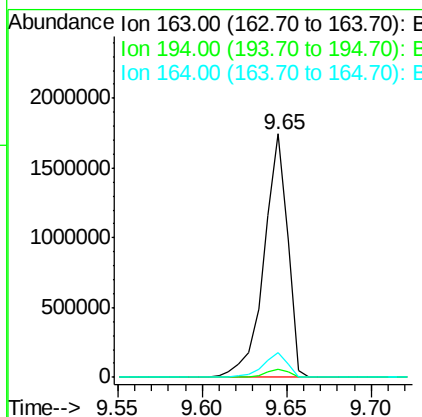
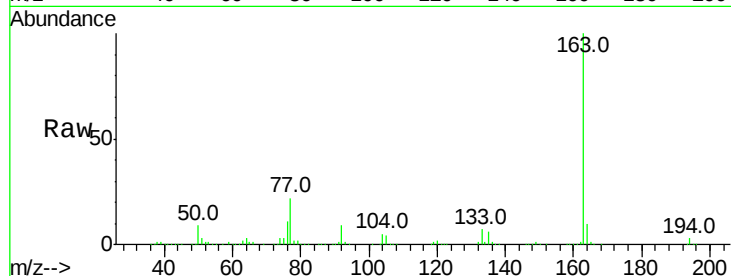




#49
Dimethylphthalate
Concen: 56.301 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

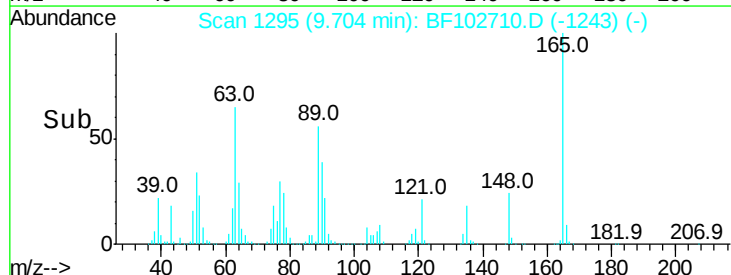
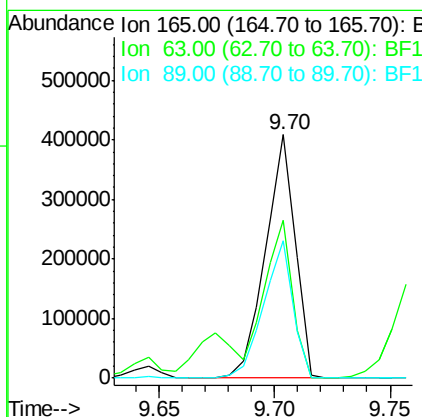
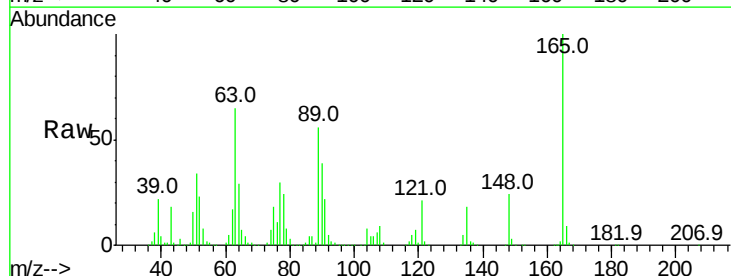
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

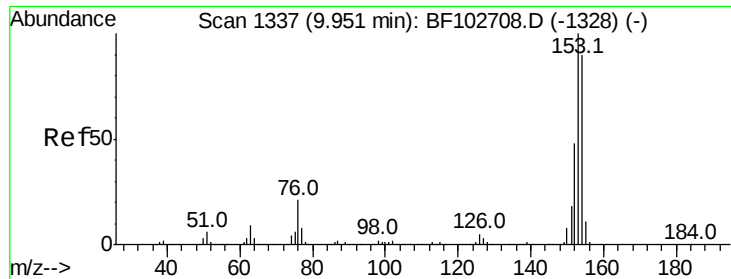
Tot Ion:163 Resp: 1678088
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 61.464 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:165 Resp: 365944
Ion Ratio Lower Upper
165 100
63 64.7 44.7 67.1
89 56.4 44.0 66.0





#51

Acenaphthene

Concen: 52.454 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

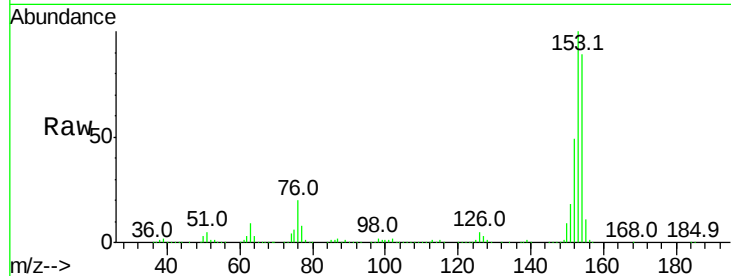
Tot Ion:154 Resp: 1286712

Ion Ratio Lower Upper

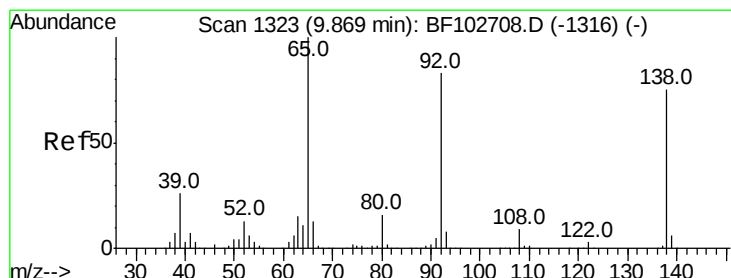
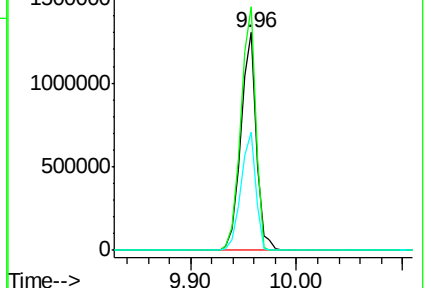
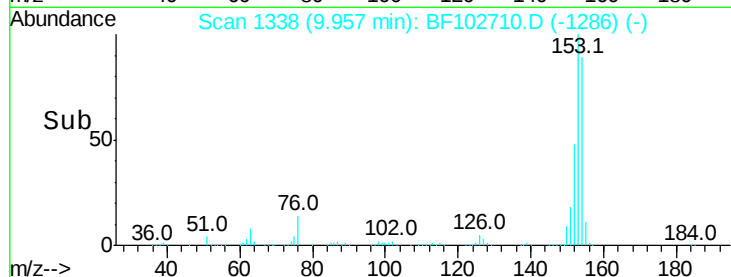
154 100

153 111.9 91.2 136.8

152 54.3 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: 58.622 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

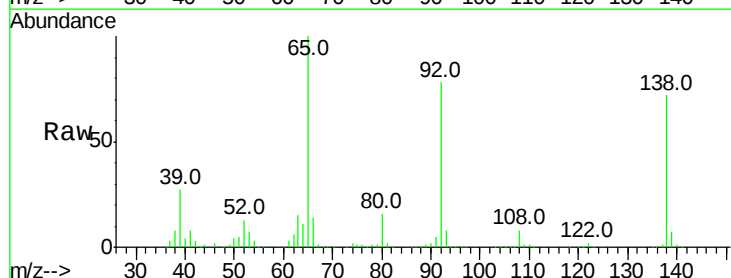
Tgt Ion:138 Resp: 440488

Ion Ratio Lower Upper

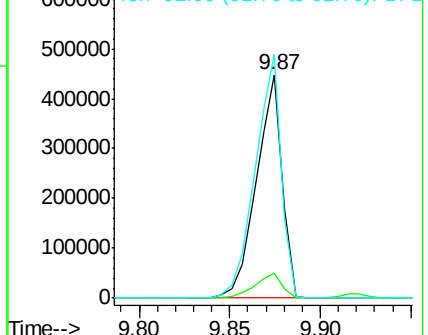
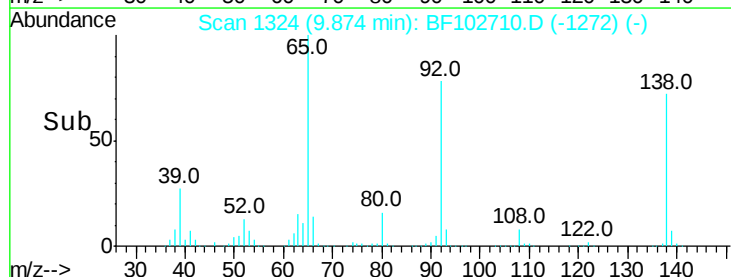
138 100

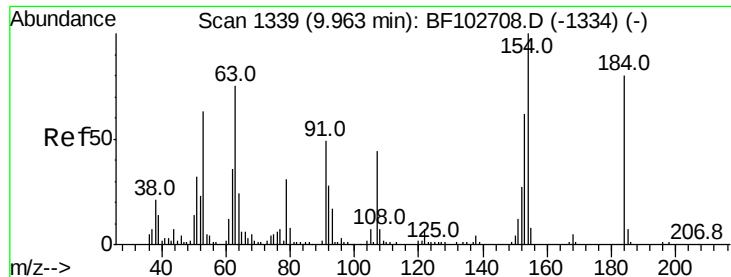
108 11.1 9.4 14.0

92 108.8 89.4 134.2



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

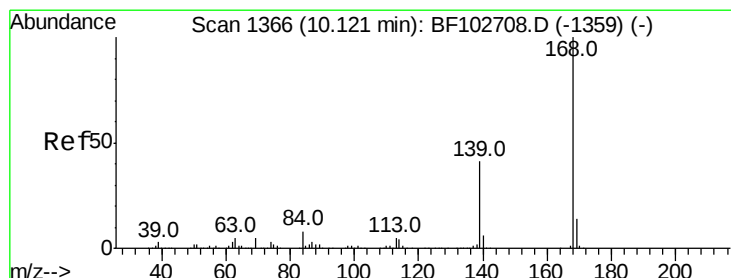
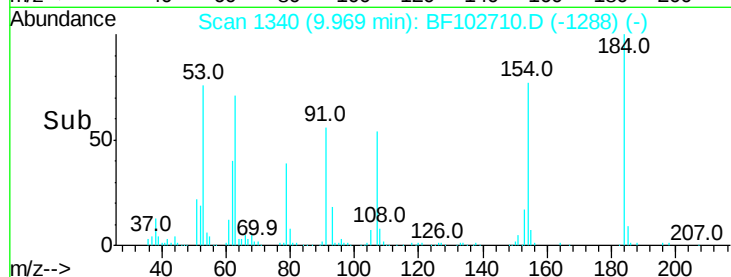
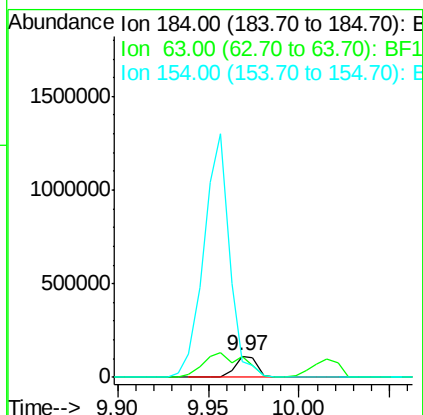
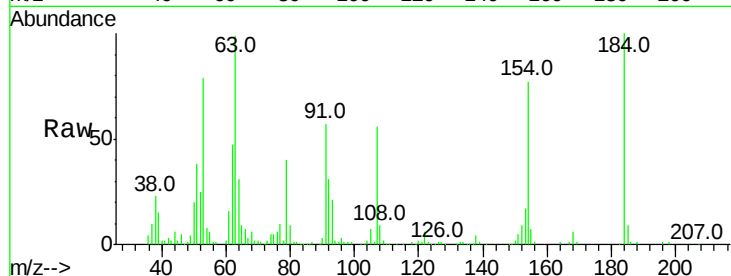




#53
2,4-Dinitrophenol
Concen: 53.952 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

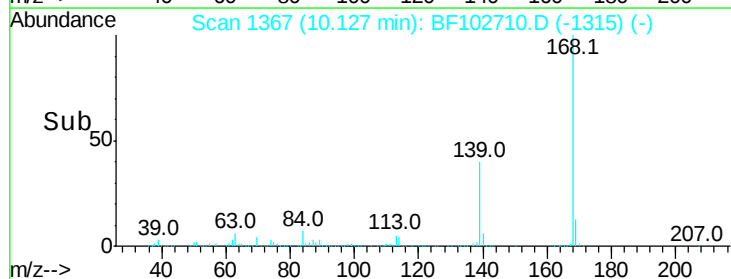
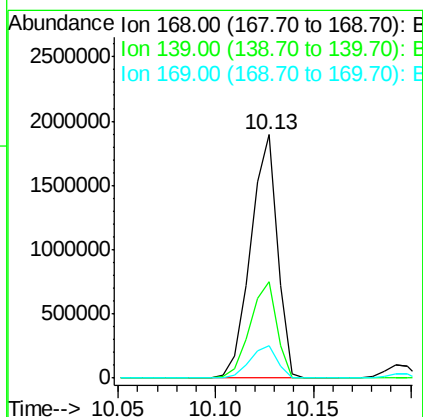
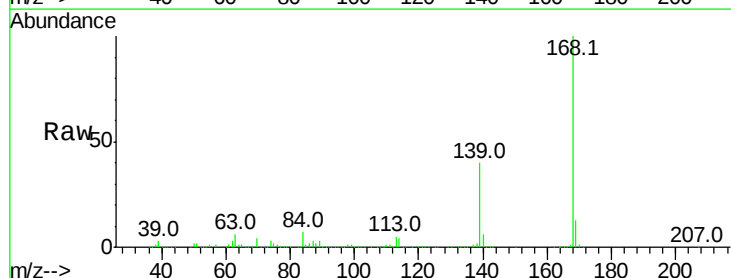
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

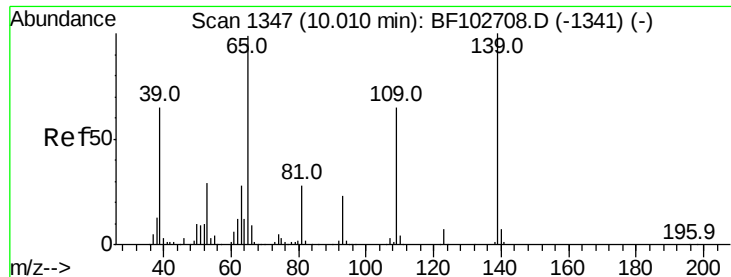
Tot Ion:184 Resp: 97877
Ion Ratio Lower Upper
184 100
63 98.8 54.2 81.2#
154 77.0 184.0 276.0#



#54
Dibenzofuran
Concen: 53.437 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:168 Resp: 1799032
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 61.758 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

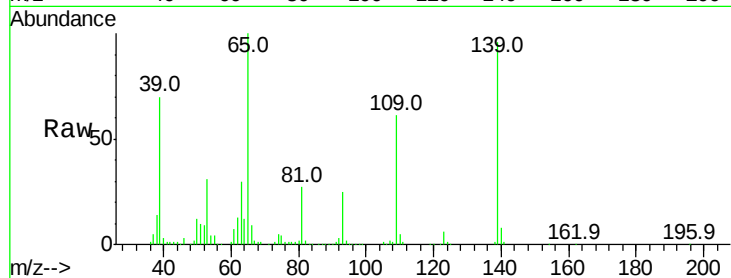
Tot Ion:139 Resp: 345823

Ion Ratio Lower Upper

139 100

109 63.4 48.4 88.4

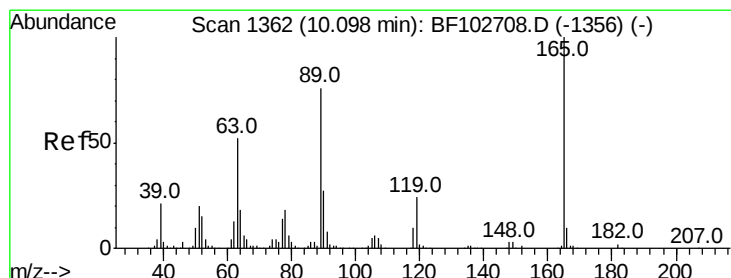
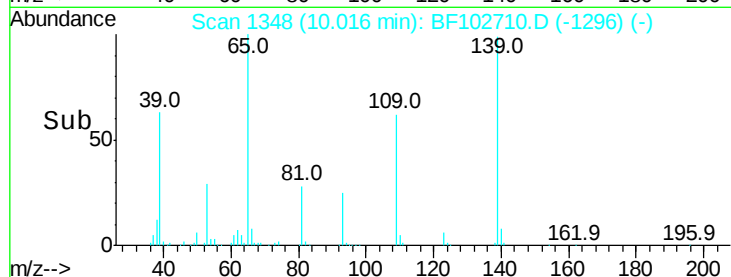
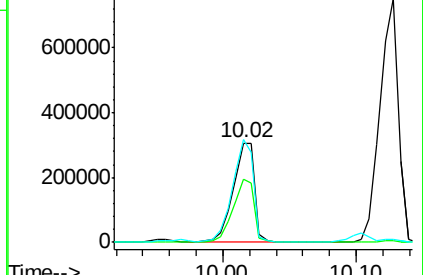
65 104.0 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 63.909 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Tgt Ion:165 Resp: 476913

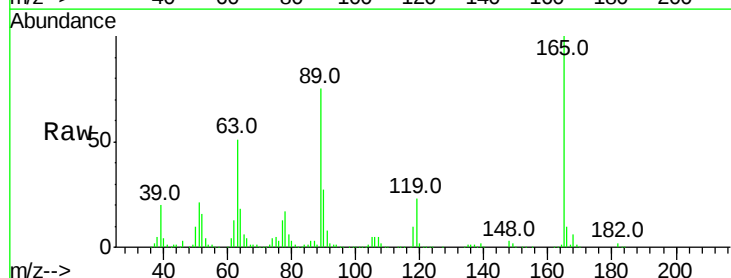
Ion Ratio Lower Upper

165 100

63 51.4 36.4 54.6

89 74.8 57.8 86.6

182 2.2 1.6 2.4

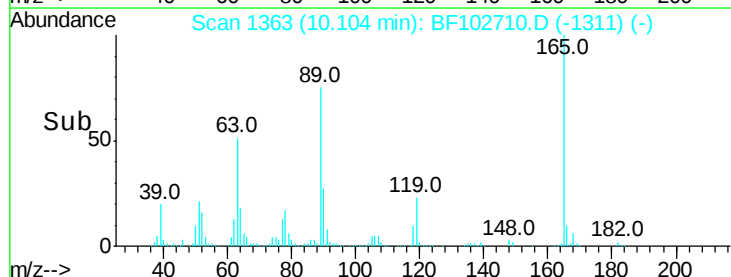
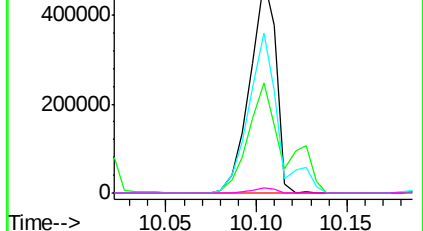


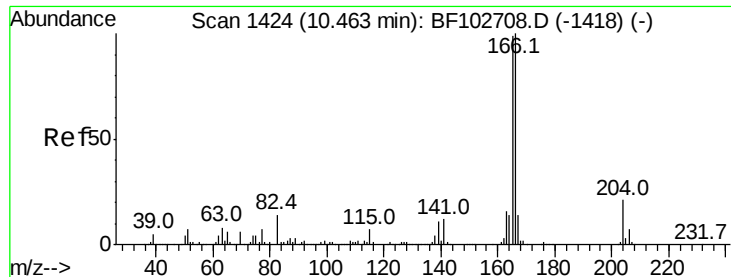
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 56.390 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

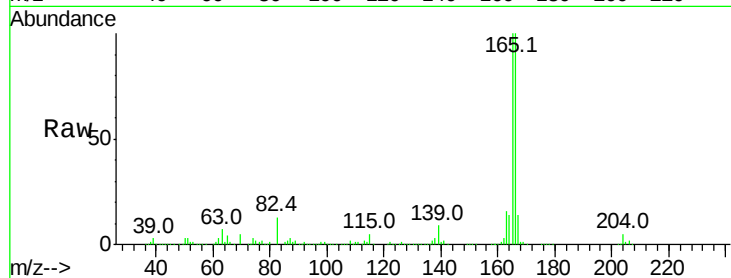
Tot Ion:166 Resp: 1312387

Ion Ratio Lower Upper

166 100

165 100.5 79.8 119.8

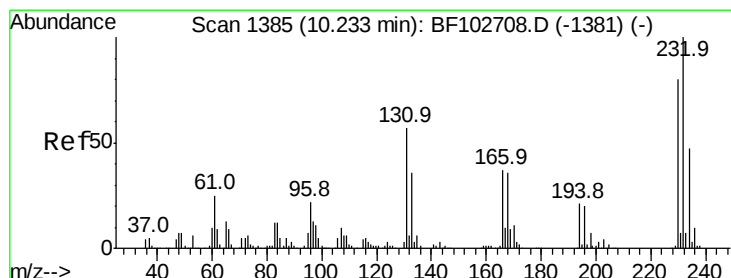
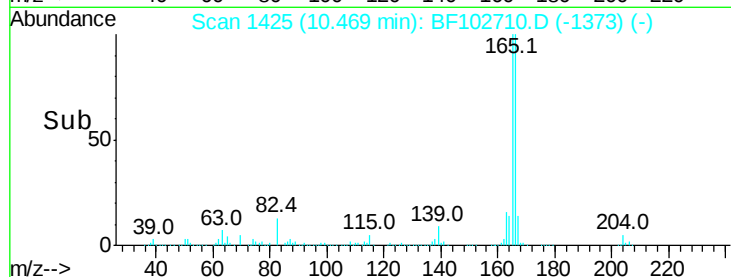
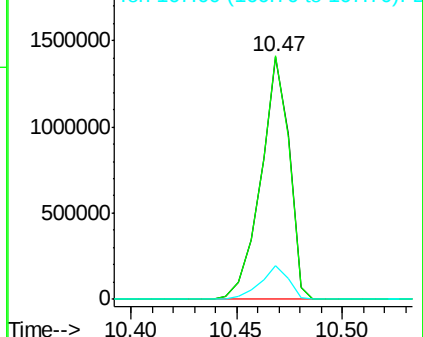
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.473 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Tgt Ion:232 Resp: 329152

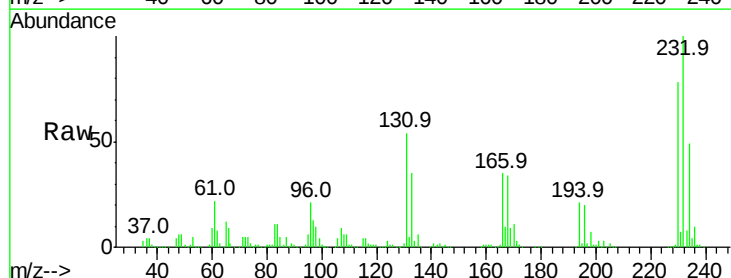
Ion Ratio Lower Upper

232 100

131 56.7 43.8 65.8

130 2.7 2.1 3.1

166 35.8 27.8 41.6

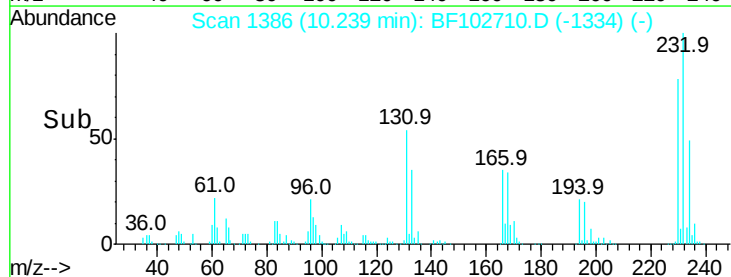
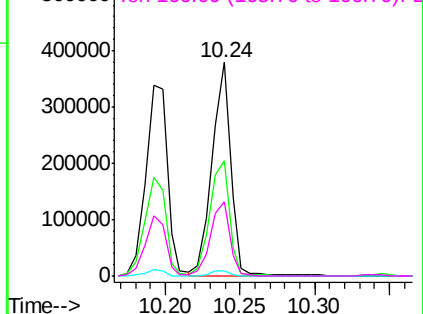


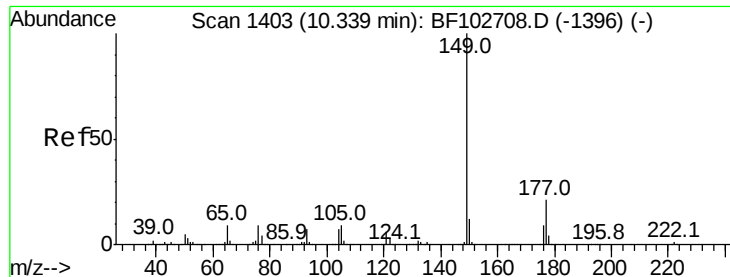
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

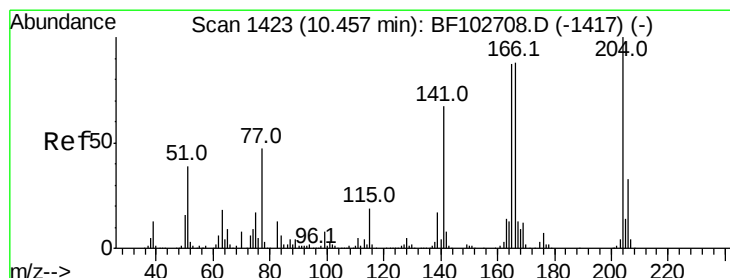
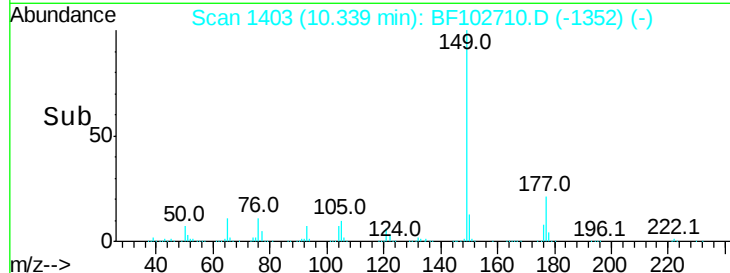
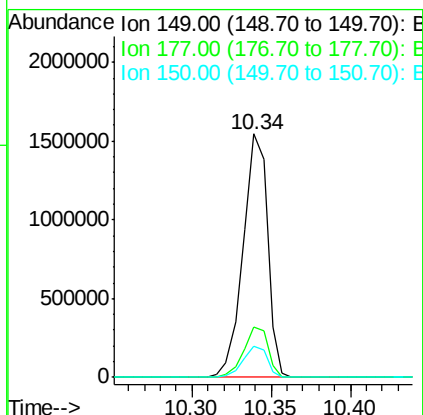
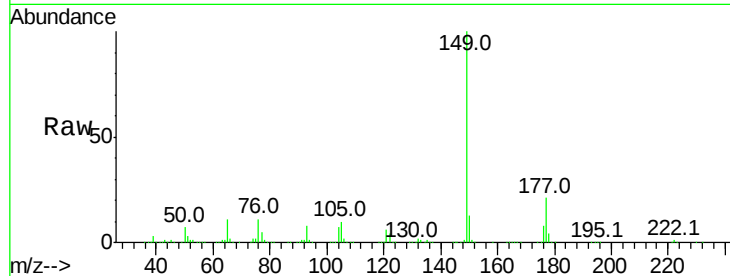




#59
Diethylphthalate
Concen: 55.765 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

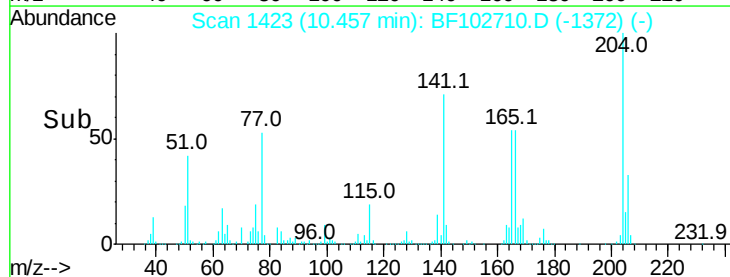
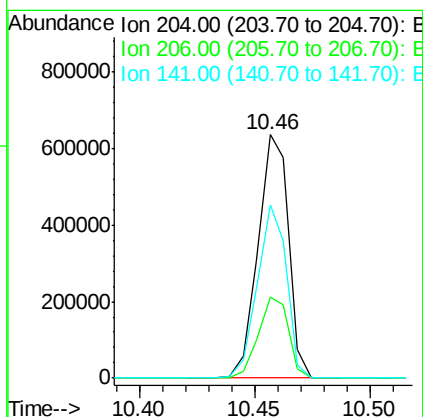
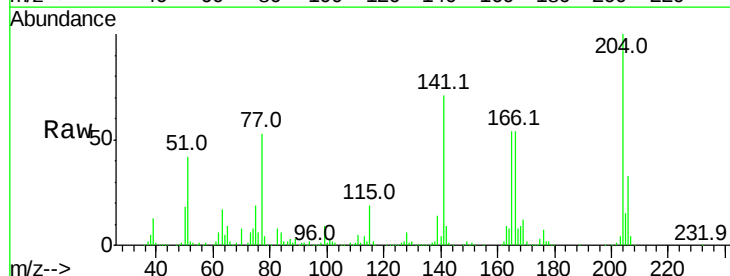
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

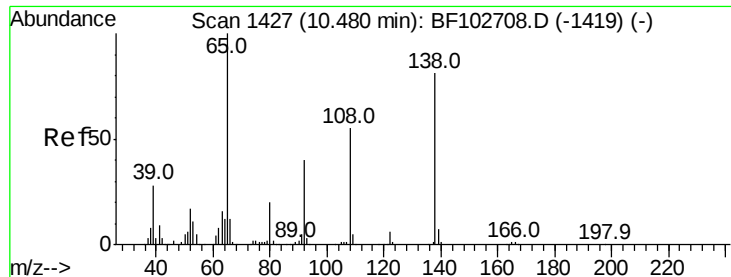
Tot Ion:149 Resp: 1653354
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 58.983 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:204 Resp: 584537
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 71.3 54.6 81.8

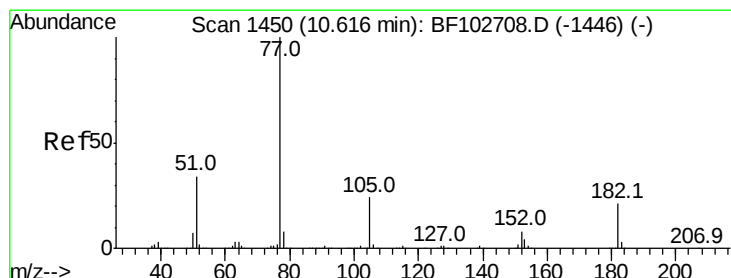
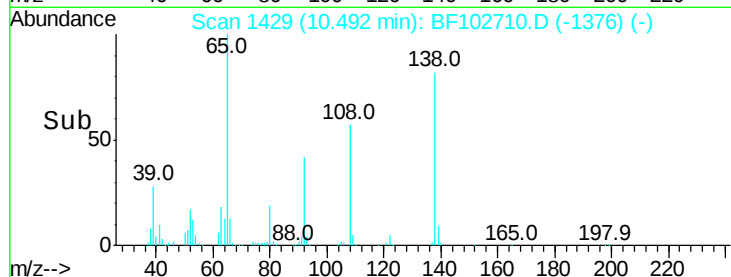
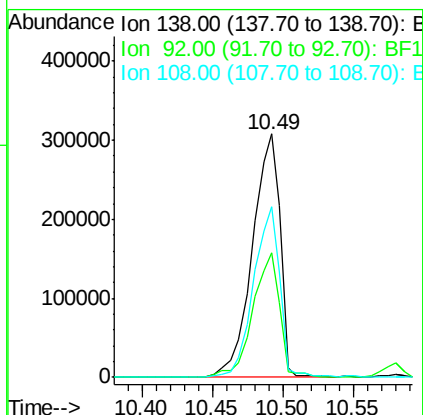
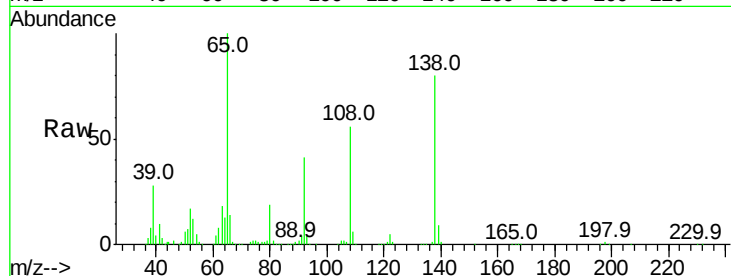




#61
4-Nitroaniline
Concen: 59.791 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

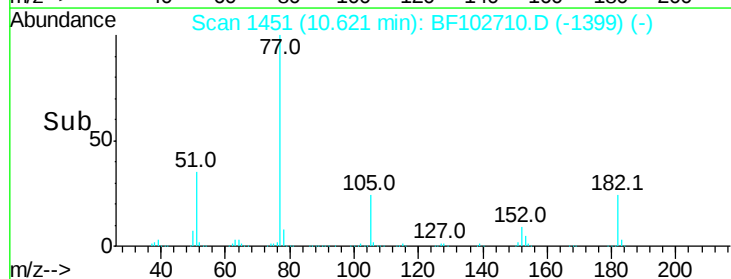
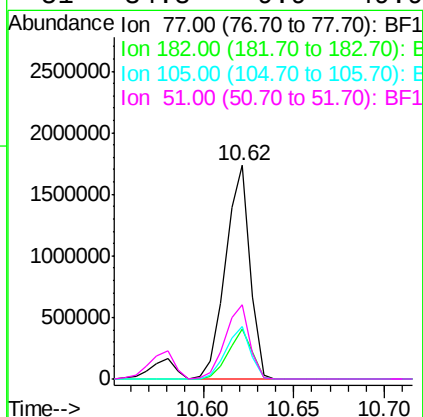
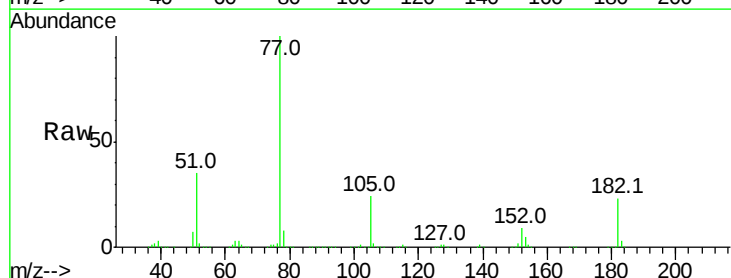
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

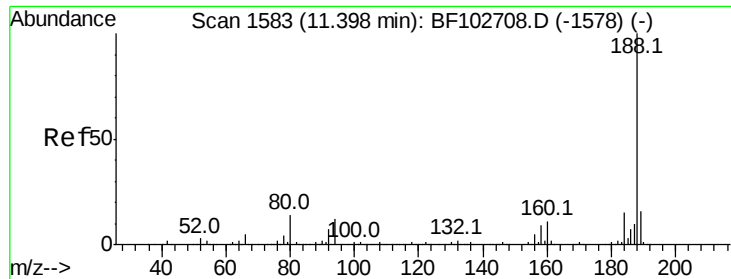
Tot Ion:138 Resp: 426370
Ion Ratio Lower Upper
138 100
92 51.3 30.2 70.2
108 70.2 52.5 92.5



#62
Azobenzene
Concen: 55.101 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion: 77 Resp: 1625391
Ion Ratio Lower Upper
77 100
182 23.5 1.7 41.7
105 24.3 3.0 43.0
51 34.8 9.9 49.9

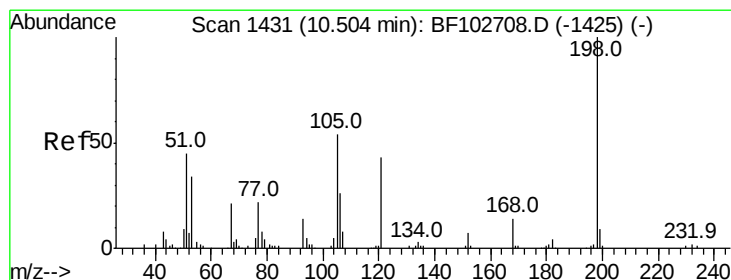
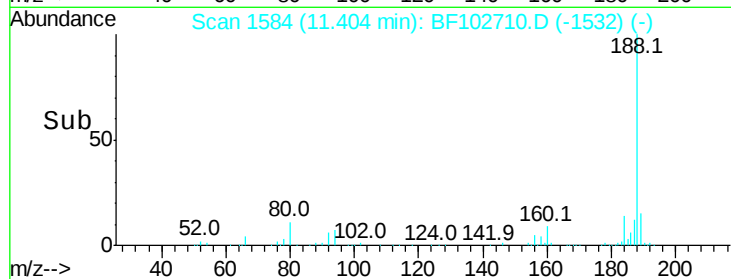
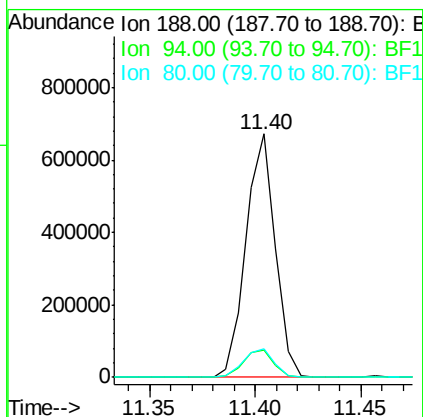
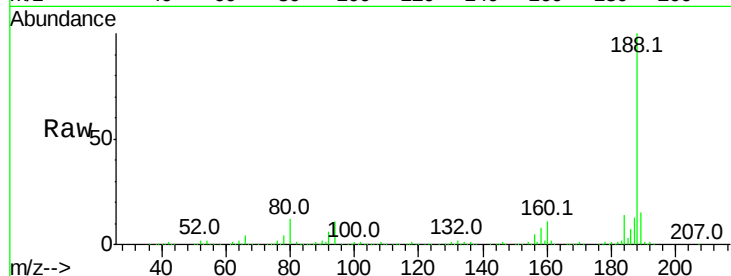




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

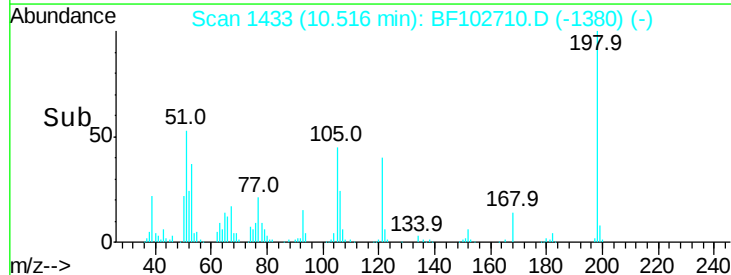
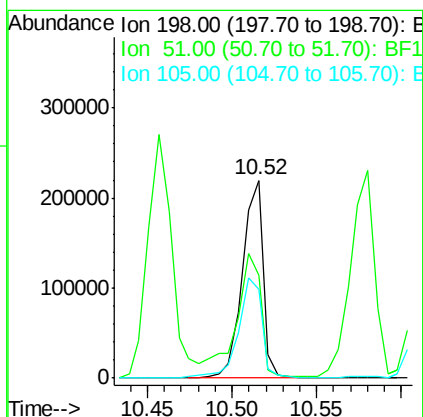
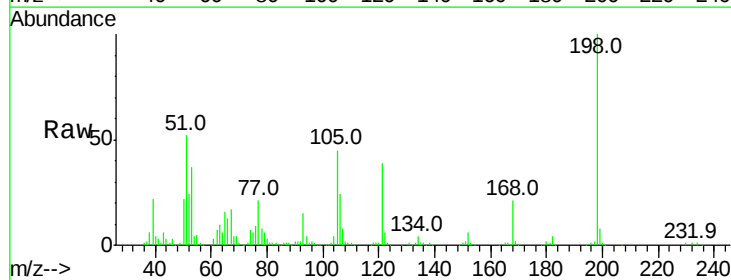
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

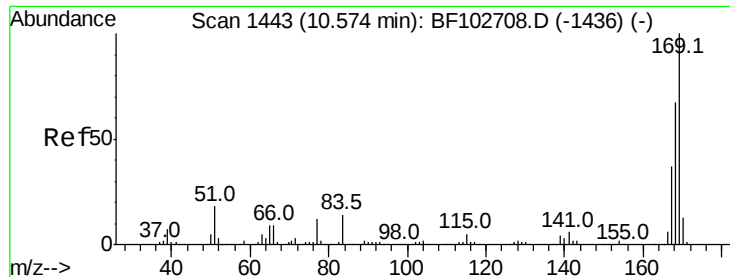
Tot Ion:188 Resp: 645625
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 59.466 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:198 Resp: 188777
Ion Ratio Lower Upper
198 100
51 52.3 37.7 77.7
105 45.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 52.936 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

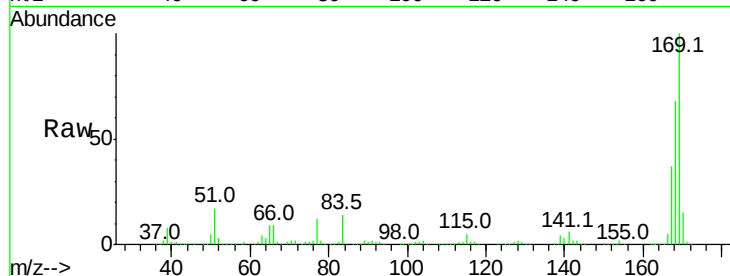
Tot Ion:169 Resp: 1279782

Ion Ratio Lower Upper

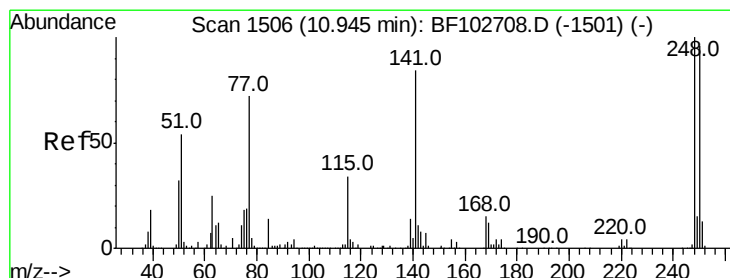
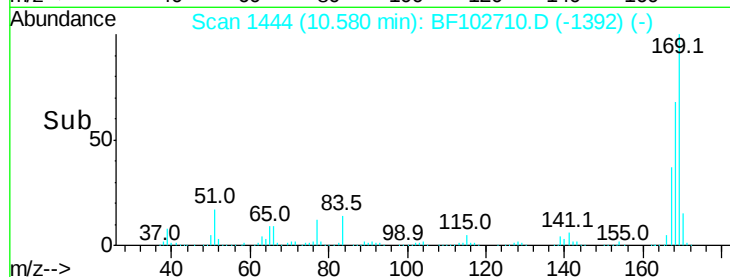
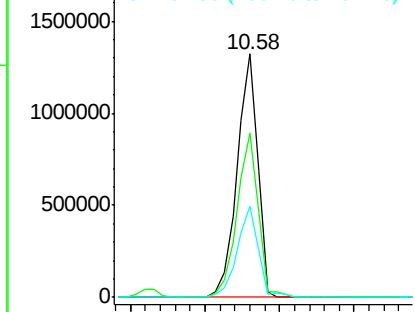
169 100

168 67.5 54.4 81.6

167 37.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 57.636 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

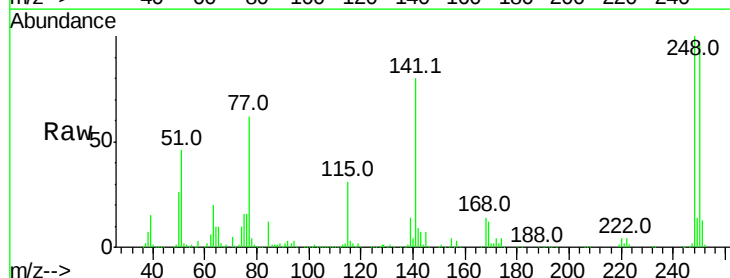
Tgt Ion:248 Resp: 392970

Ion Ratio Lower Upper

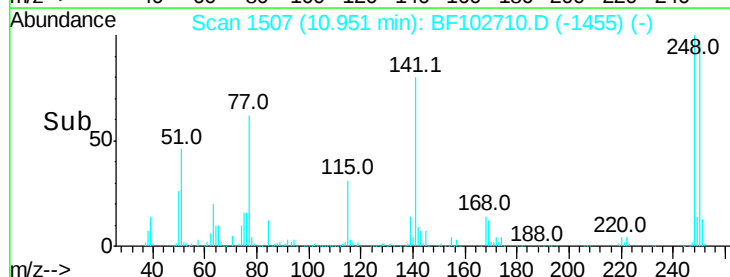
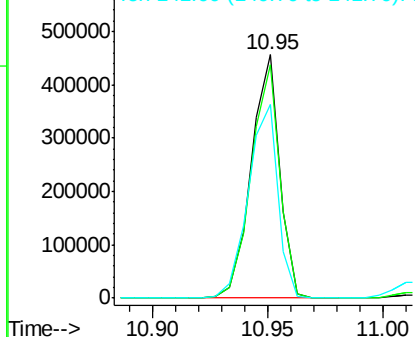
248 100

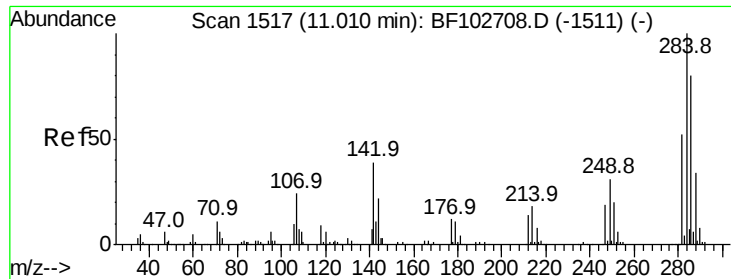
250 95.8 76.9 115.3

141 79.6 74.4 111.6



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

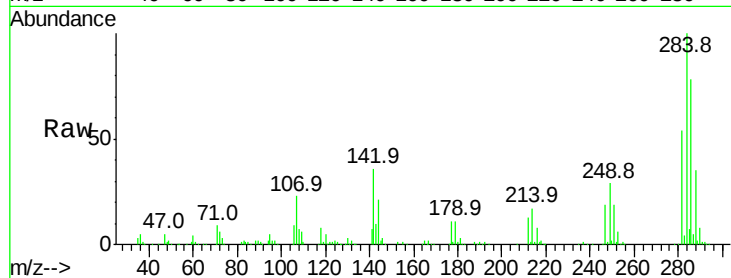




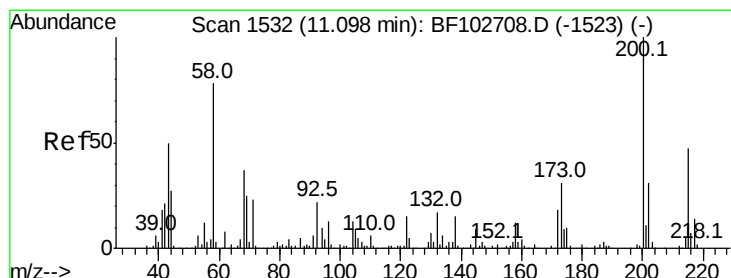
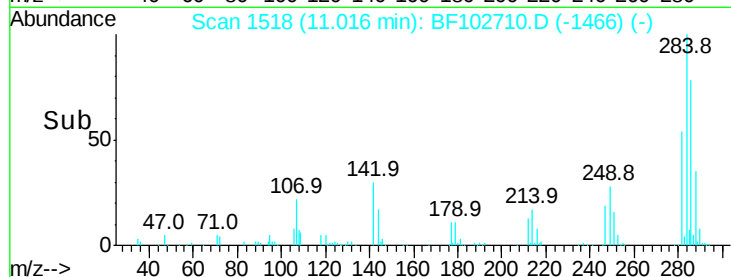
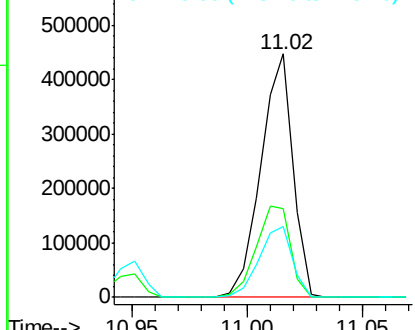
#67
Hexachlorobenzene
Concen: 58.005 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:284 Resp: 431748
Ion Ratio Lower Upper
284 100
142 36.4 34.6 52.0
249 29.3 24.8 37.2

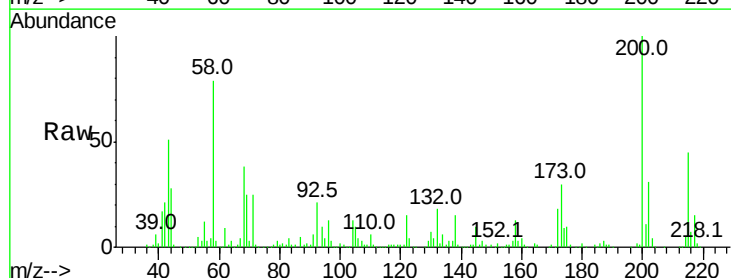


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

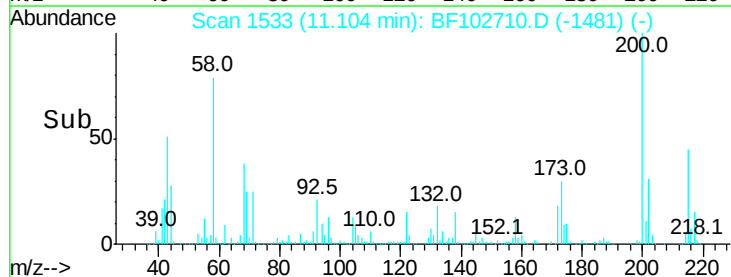
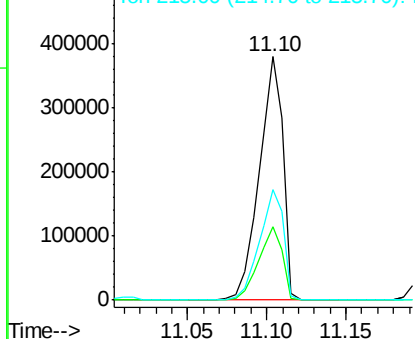


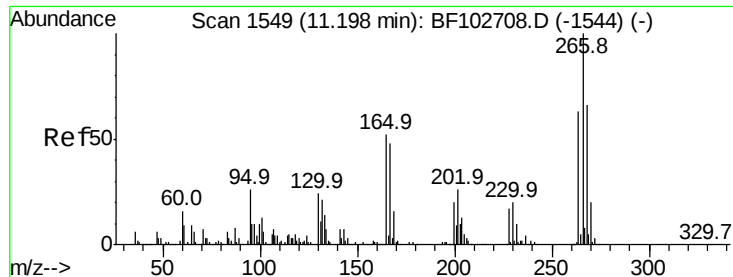
#68
Atrazine
Concen: 56.768 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:200 Resp: 396627
Ion Ratio Lower Upper
200 100
173 30.3 8.6 48.6
215 45.4 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

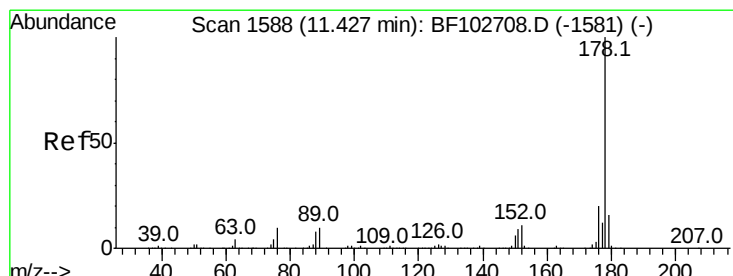
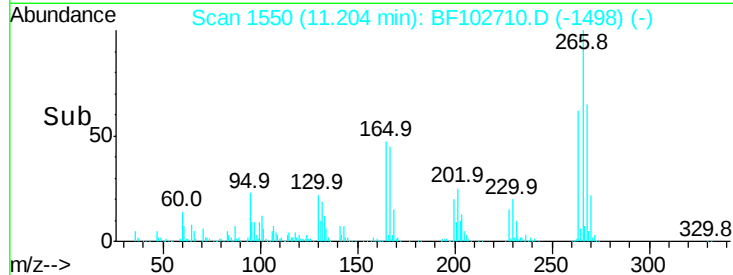
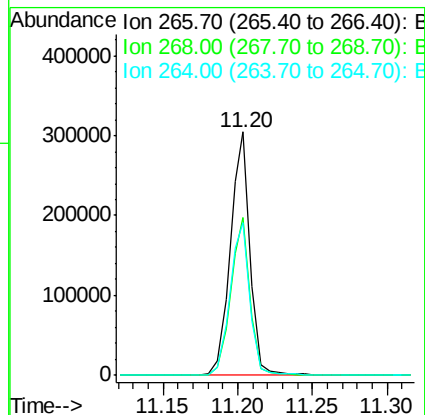
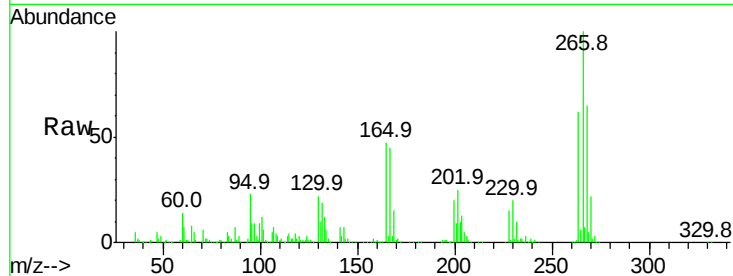




#69
 Pentachlorophenol
 Concen: 62.672 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

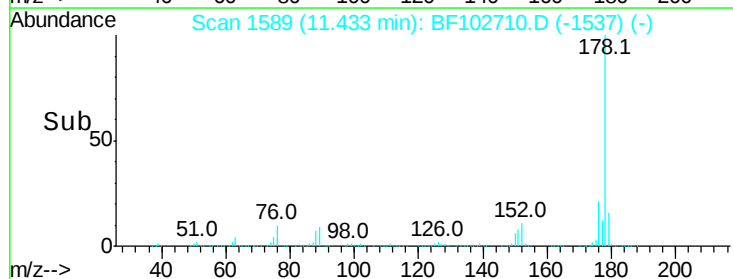
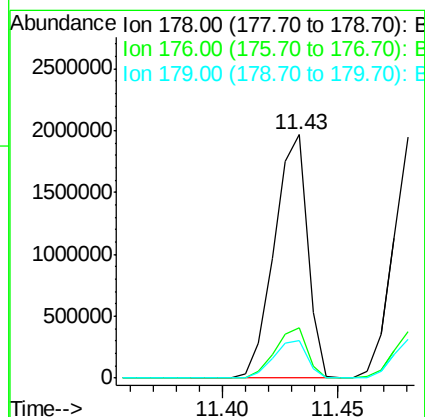
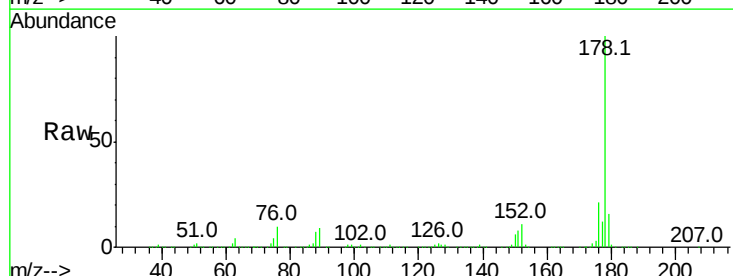
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

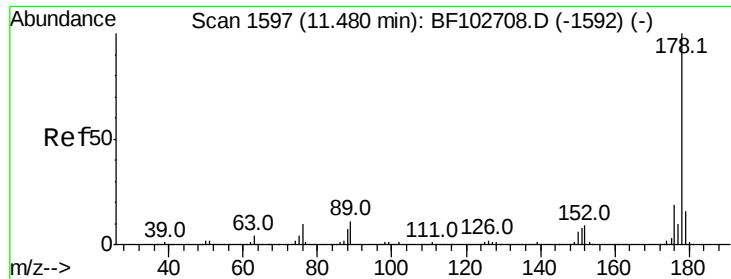
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	62.5	49.5	74.3



#70
 Phenanthrene
 Concen: 52.047 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.7	13.0	19.6

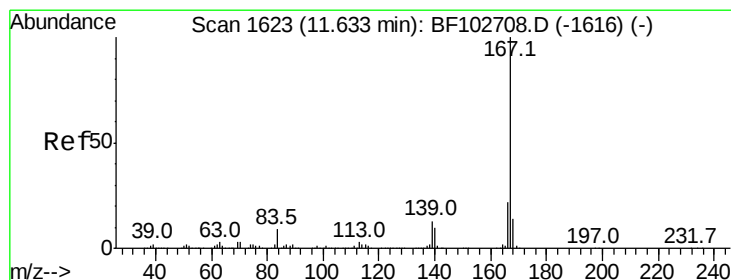
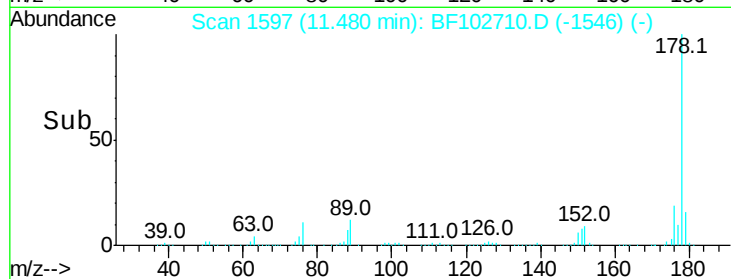
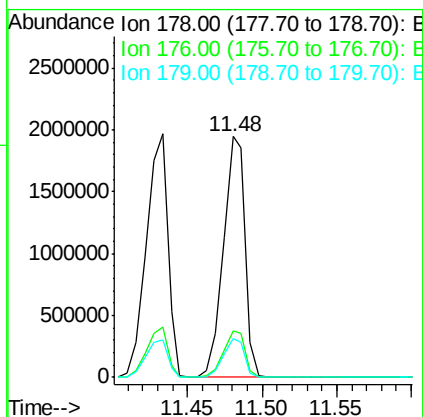
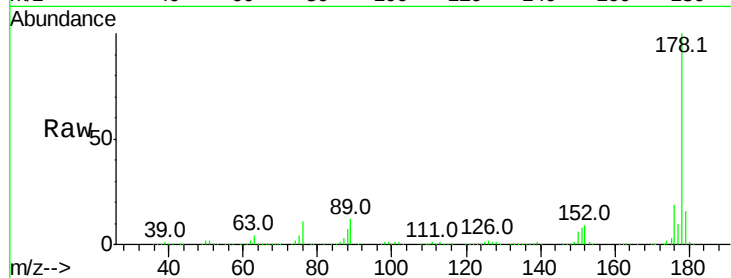




#71
 Anthracene
 Concen: 52.067 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

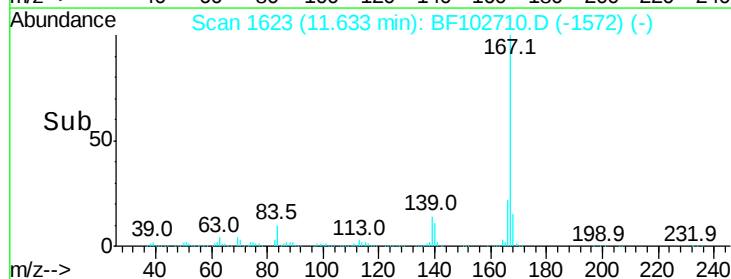
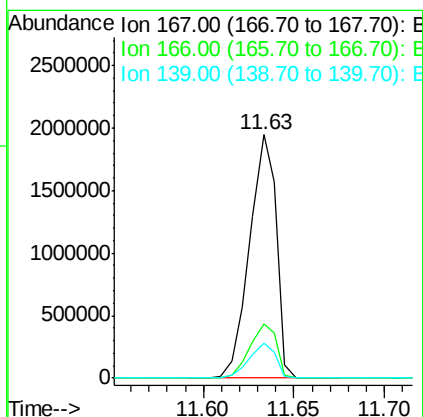
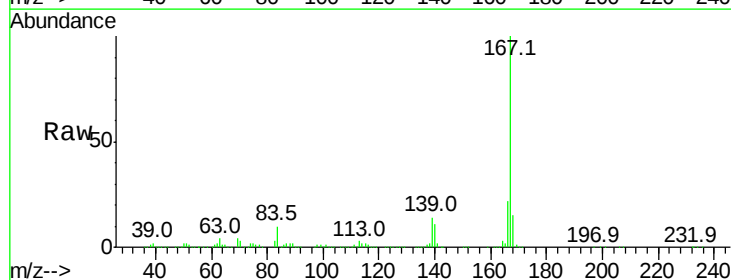
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

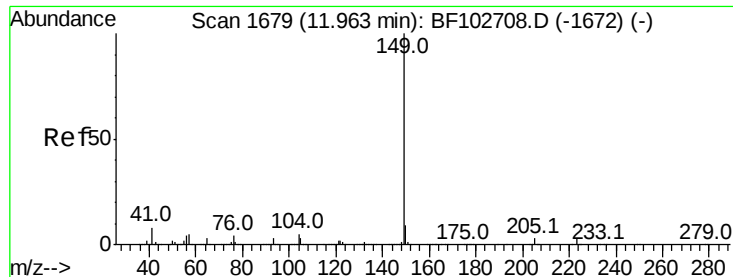
Tot Ion:178 Resp: 1991451
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 53.055 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:167 Resp: 1994573
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 54.391 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

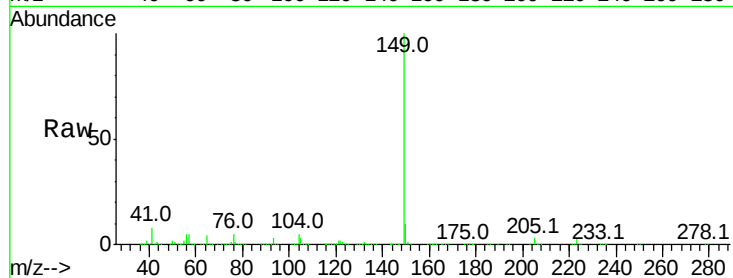
Tot Ion:149 Resp: 2508670

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

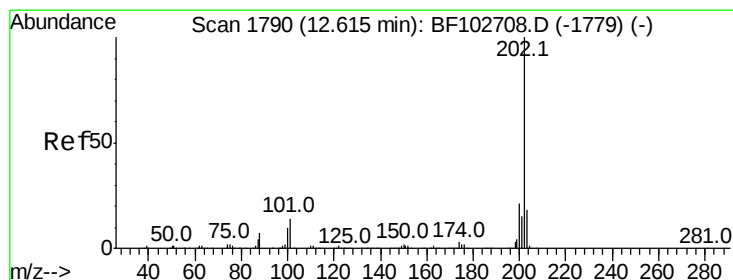
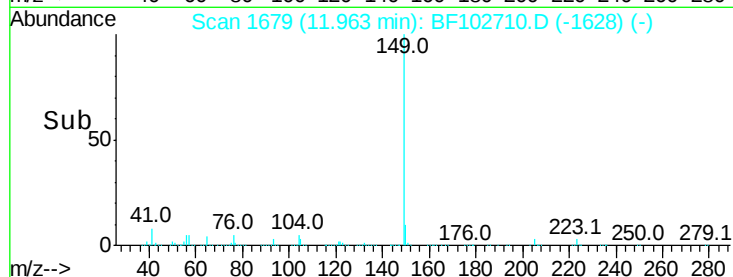
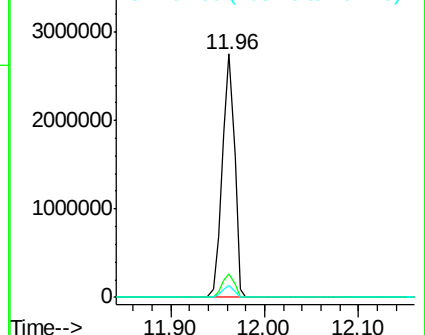
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 53.694 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

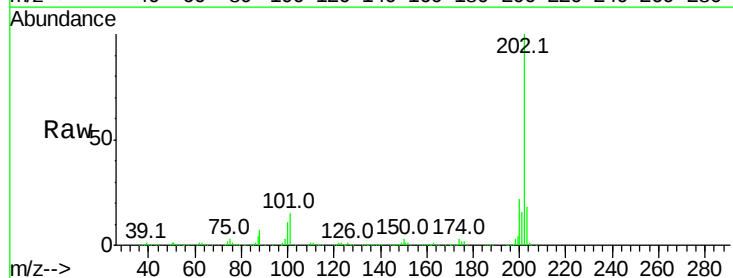
Tgt Ion:202 Resp: 1992309

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.1

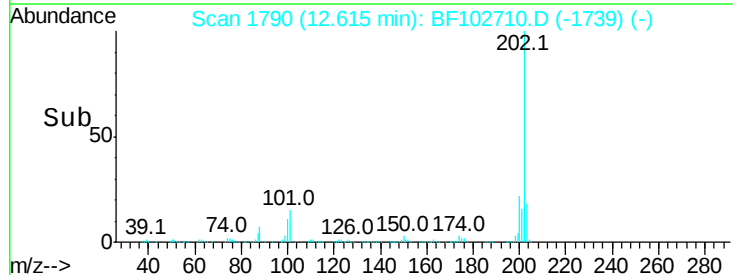
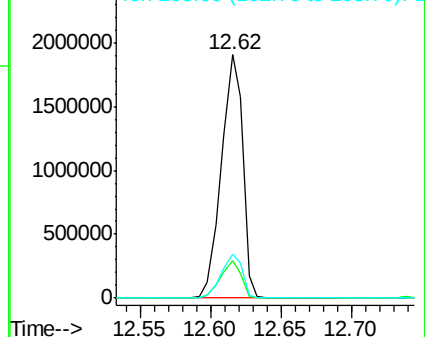
203 18.2 0.0 38.1

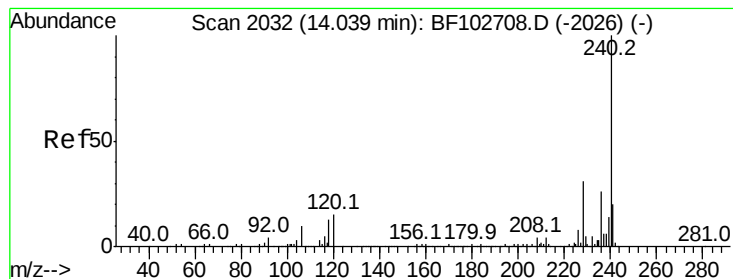


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

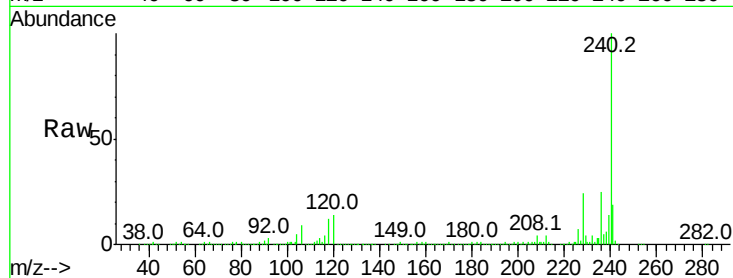
Tot Ion:240 Resp: 451732

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

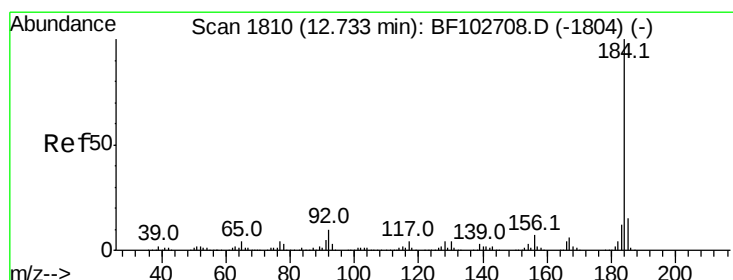
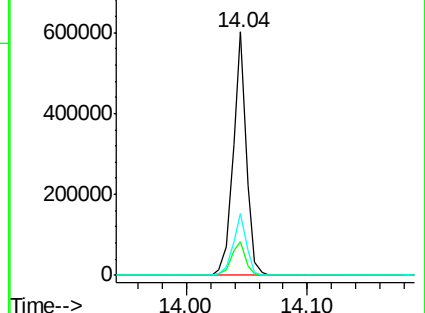
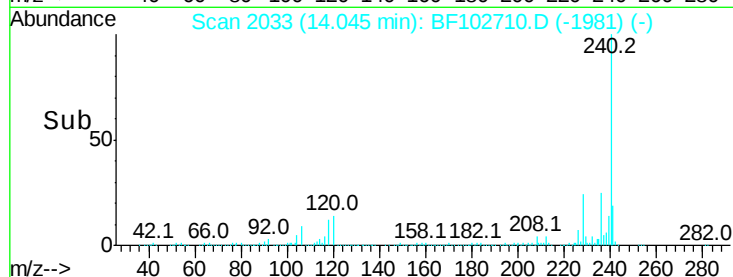
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 58.365 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

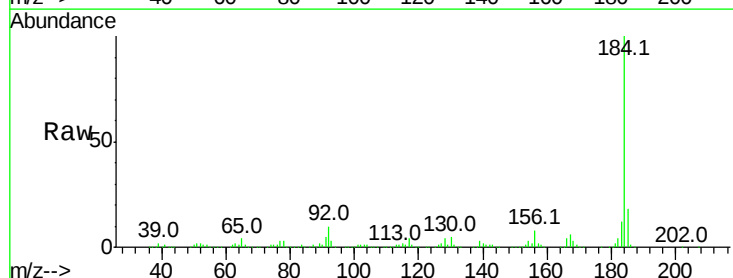
Tgt Ion:184 Resp: 1273141

Ion Ratio Lower Upper

184 100

185 18.3 12.6 18.8

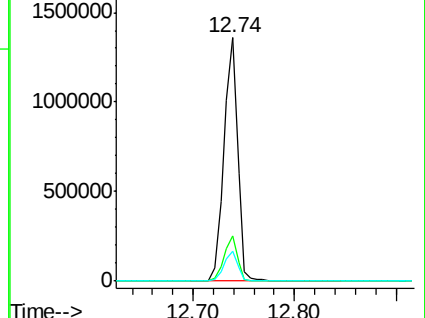
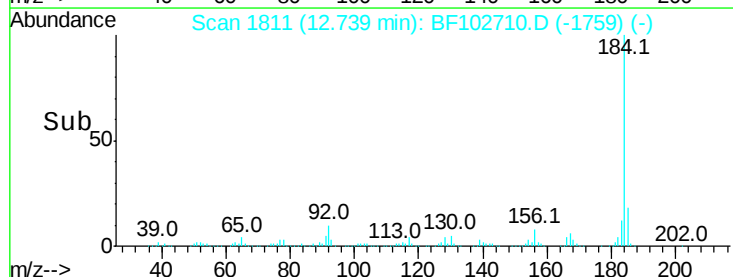
183 12.4 9.3 13.9

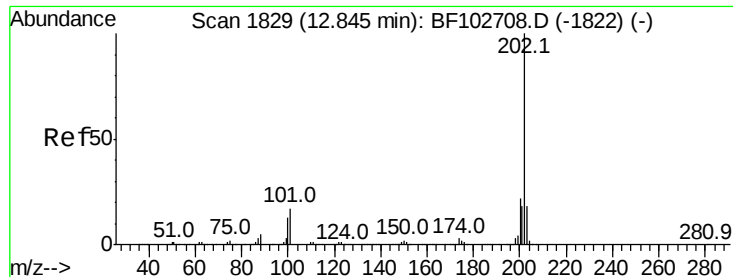


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

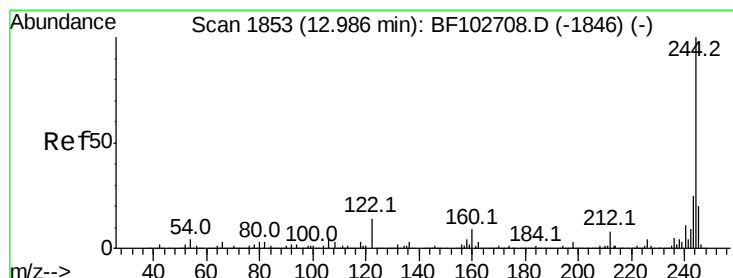
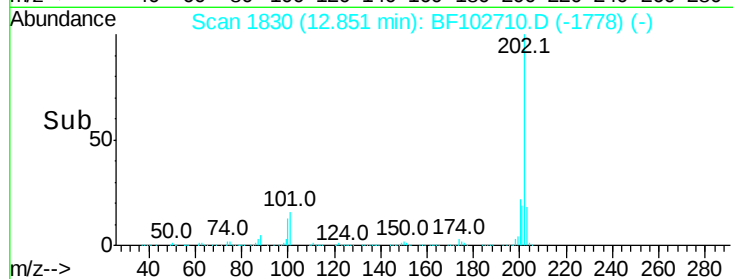
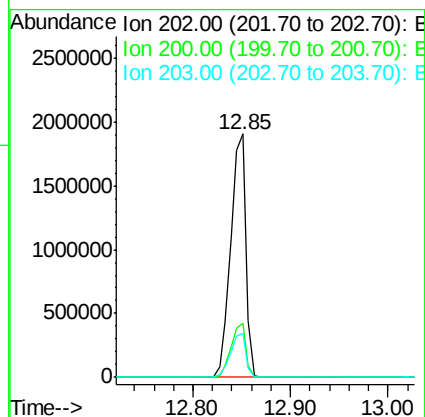
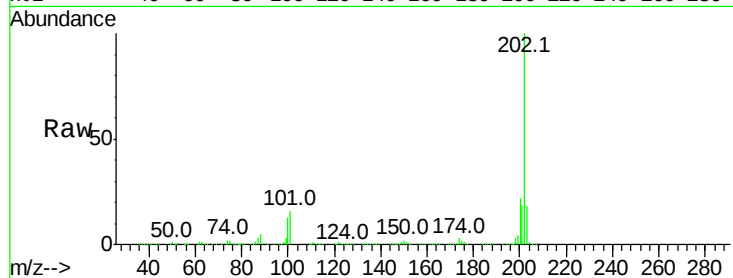




#77
Pvrene
Concen: 51.387 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

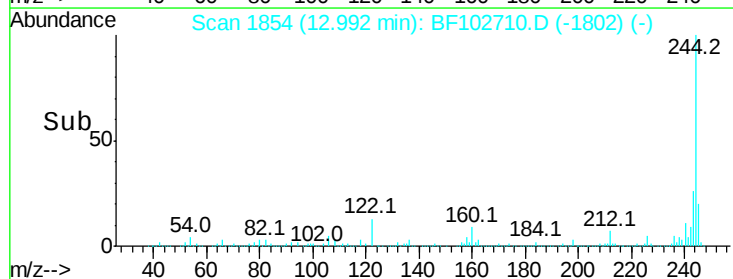
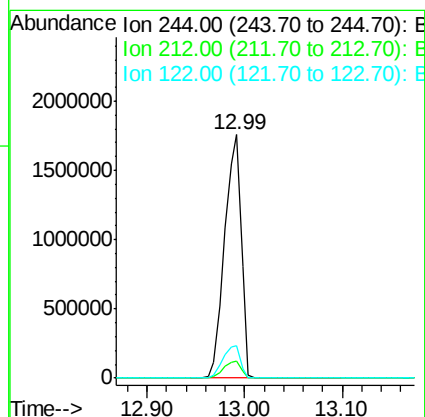
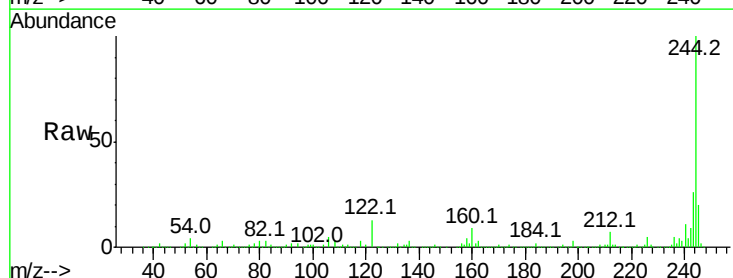
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

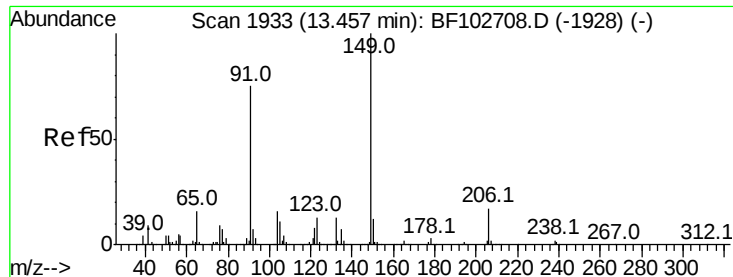
Tot Ion:202 Resp: 2051901
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 95.663 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:244 Resp: 2081343
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 13.5 11.0 16.4

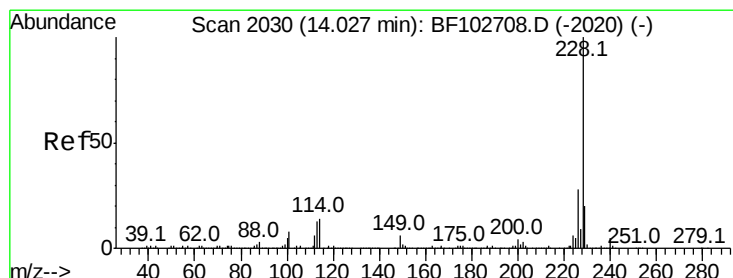
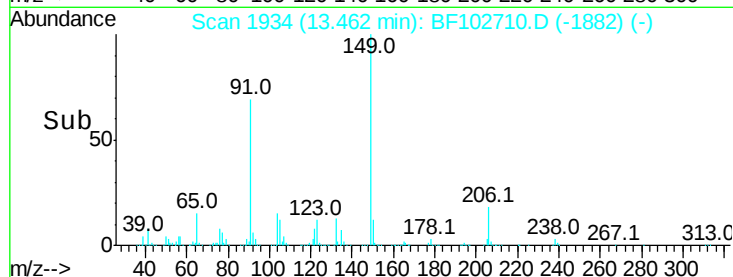
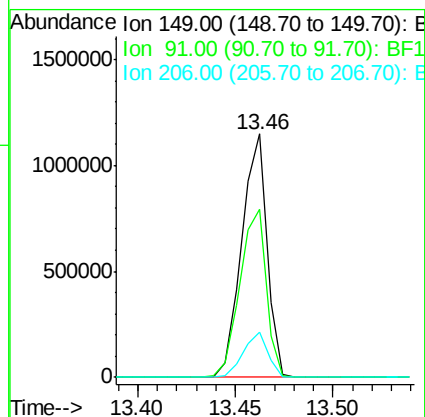
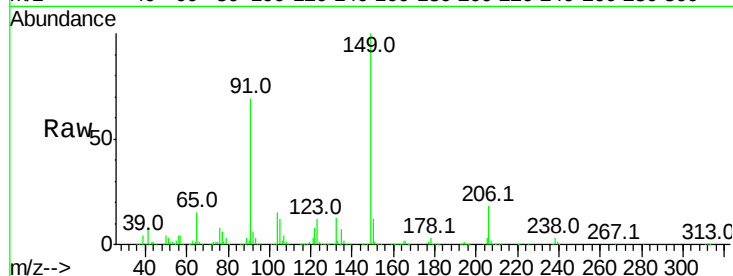




#79
Butylbenzylphthalate
Concen: 56.484 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

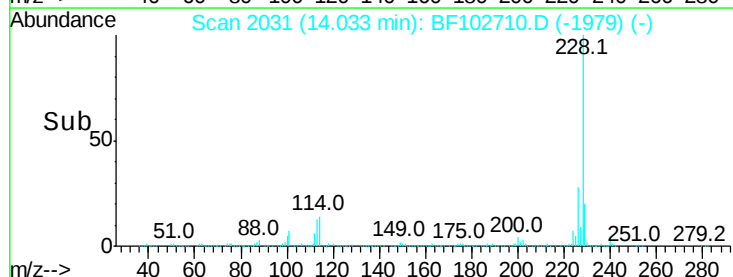
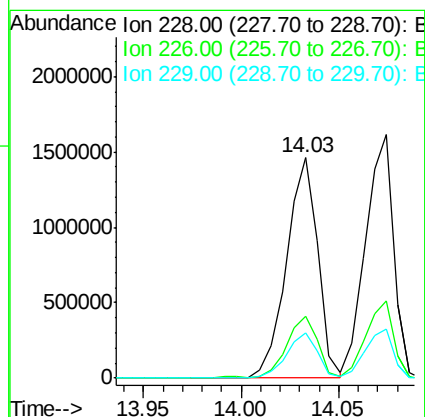
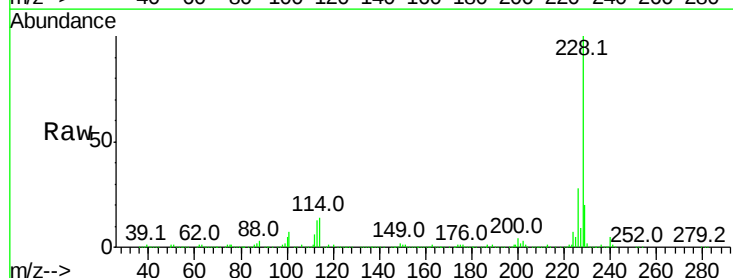
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

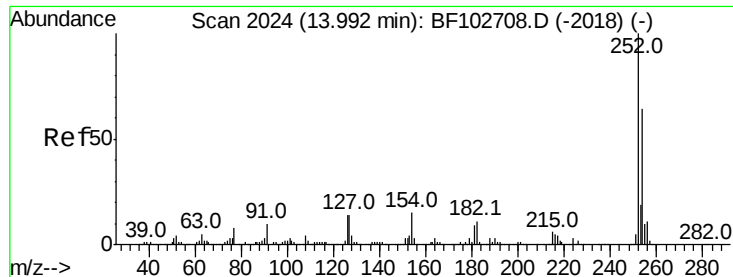
Tot Ion:149 Resp: 1035069
Ion Ratio Lower Upper
149 100
91 69.2 56.8 85.2
206 18.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 56.084 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:228 Resp: 1616429
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.4 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 60.872 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

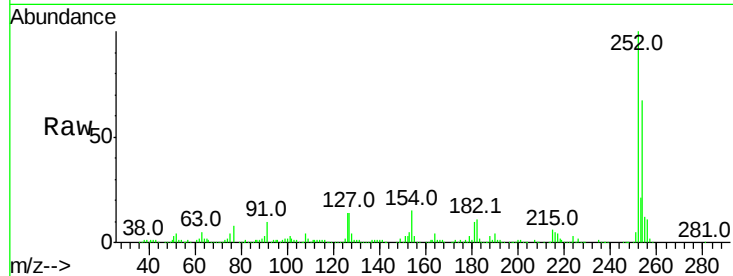
Tot Ion:252 Resp: 649606

Ion Ratio Lower Upper

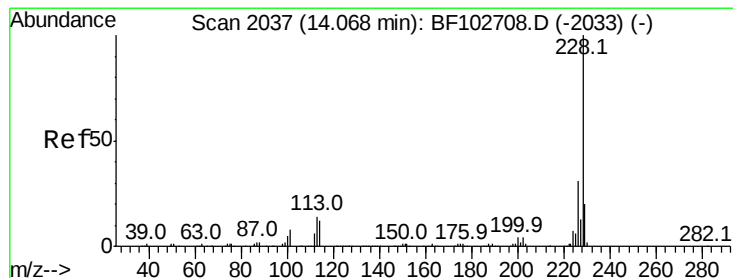
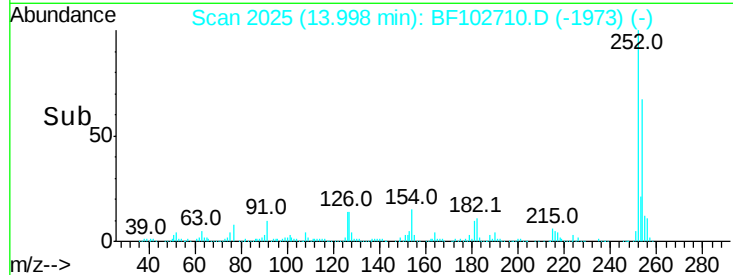
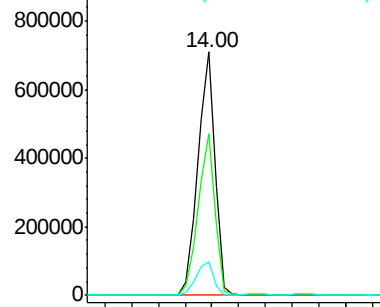
252 100

254 66.6 50.4 75.6

126 13.7 11.3 16.9



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



#82

Chrysene

Concen: 53.669 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

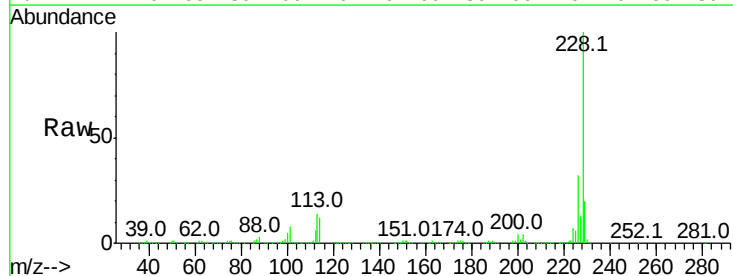
Tgt Ion:228 Resp: 1612927

Ion Ratio Lower Upper

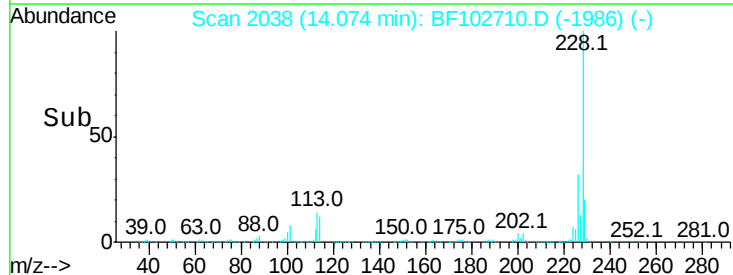
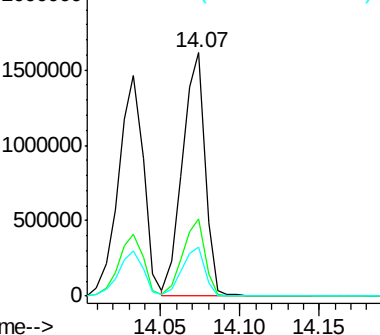
228 100

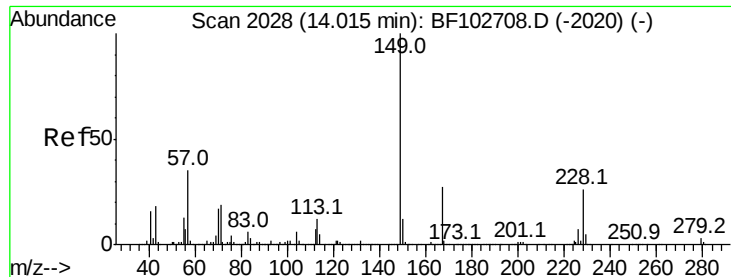
226 31.7 25.0 37.6

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: 63.141 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

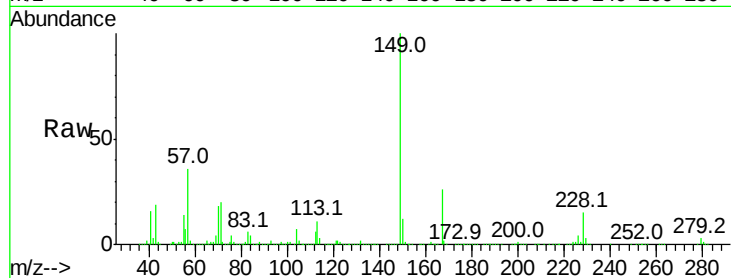
Tot Ion:149 Resp: 1327332

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.0	3.0	4.4

149 100

167 25.9 21.3 31.9

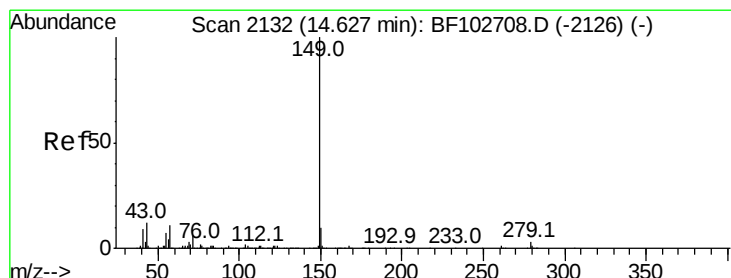
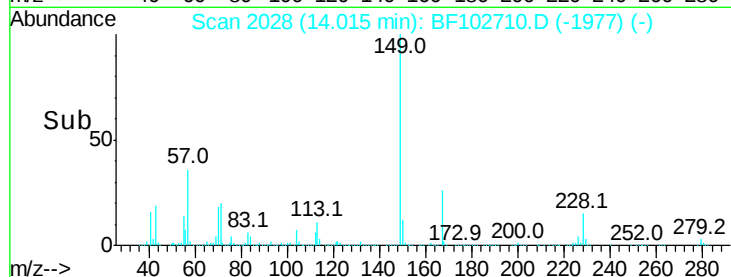
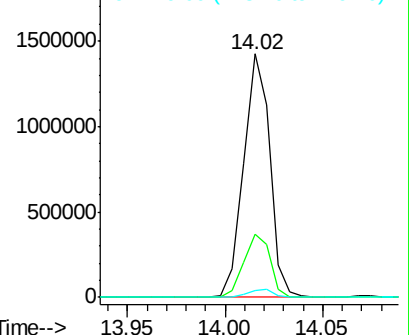
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 62.065 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

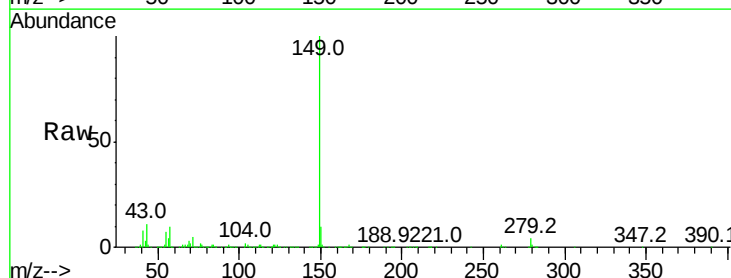
Tgt Ion:149 Resp: 2165056

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.0	8.4	12.6

149 100

167 1.5 1.2 1.8

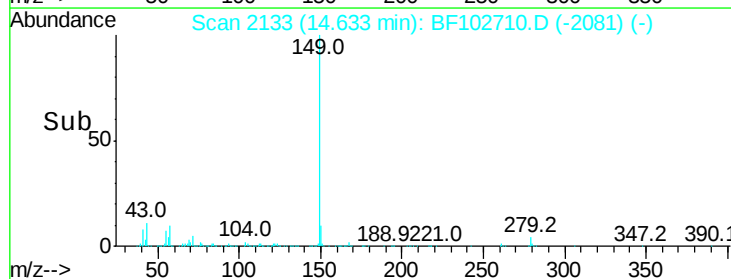
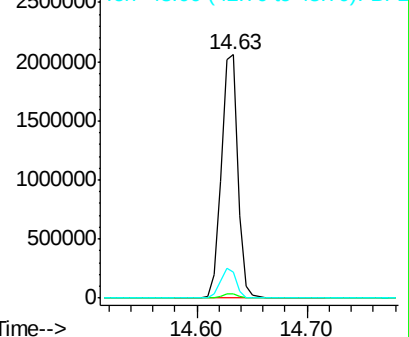
43 12.0 8.4 12.6

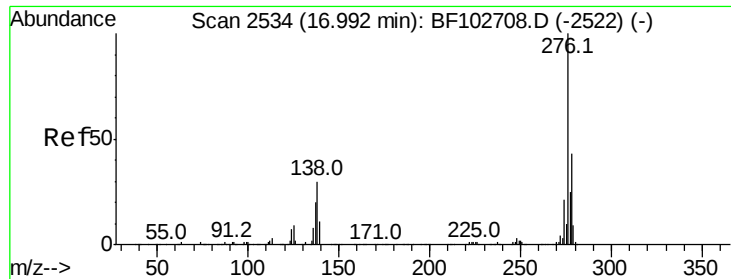


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

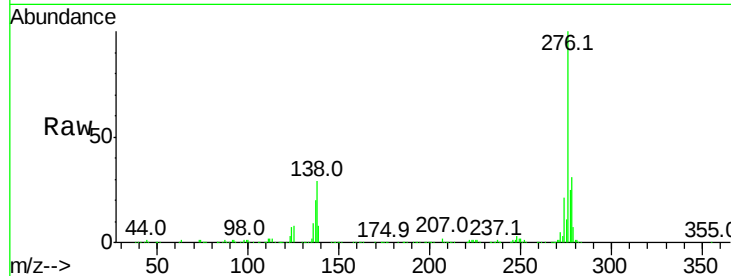




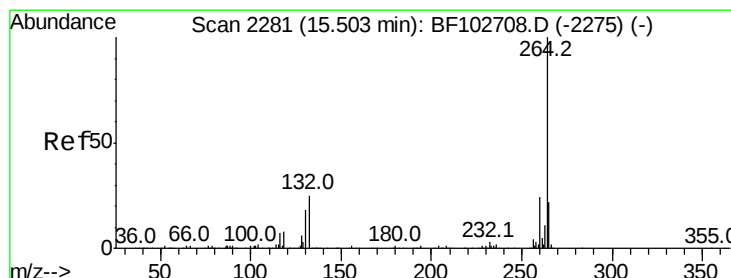
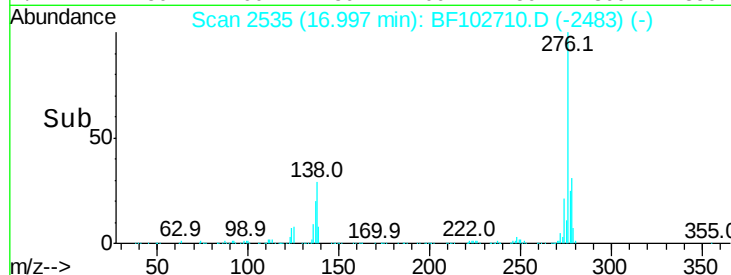
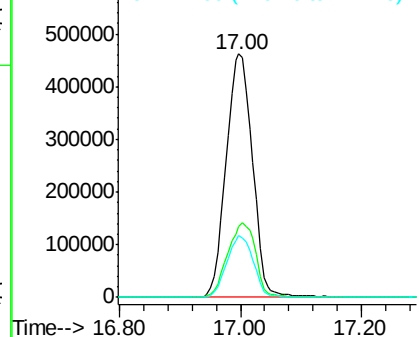
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 64.101 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:276 Resp: 1402121
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.0 37.6
 277 25.3 20.1 30.1

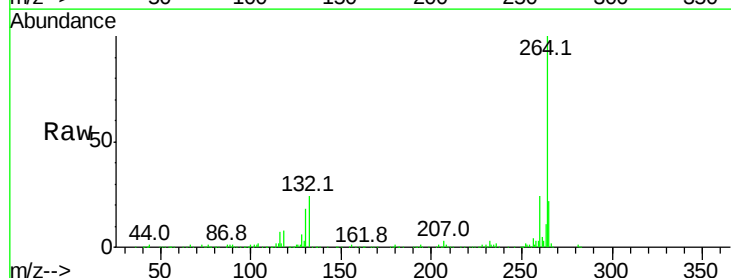


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

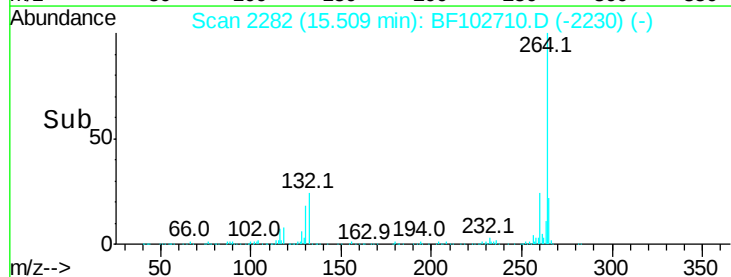
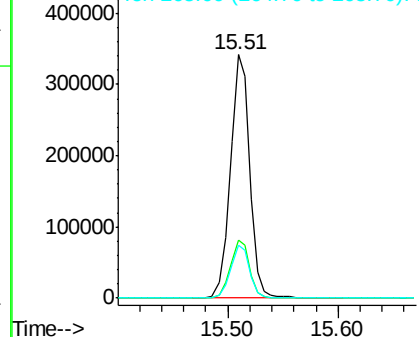


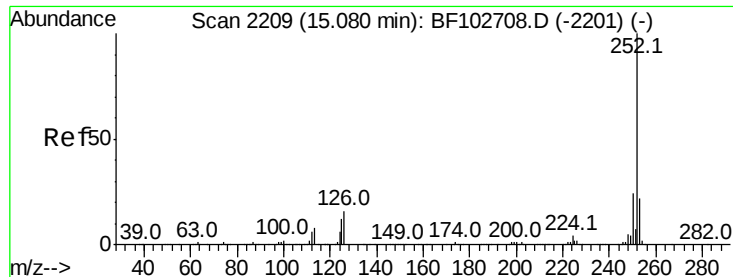
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF102710.D
 Acq: 3 Feb 2018 11:20

Tgt Ion:264 Resp: 419510
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 17.5 26.3



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

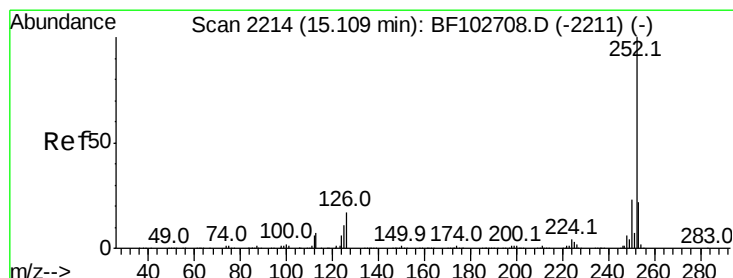
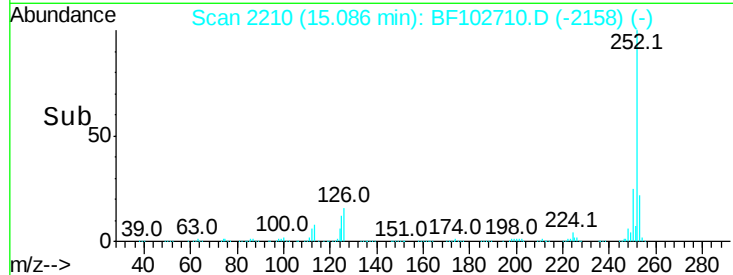
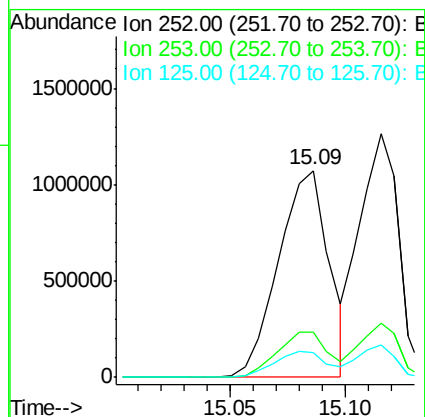
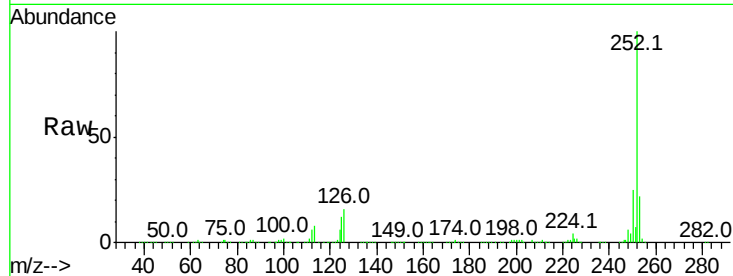




#87
Benzo(b)fluoranthene
Concen: 59.484 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

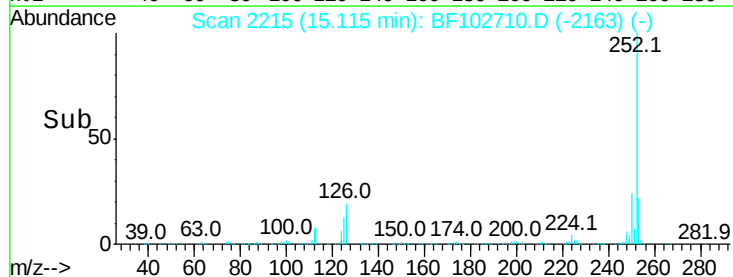
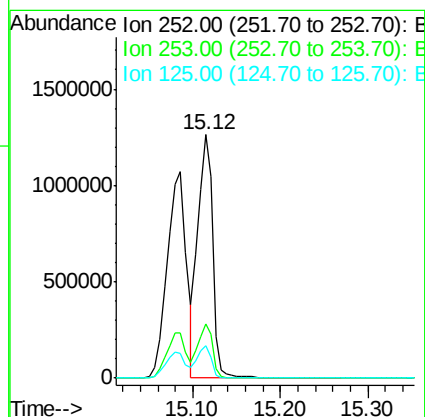
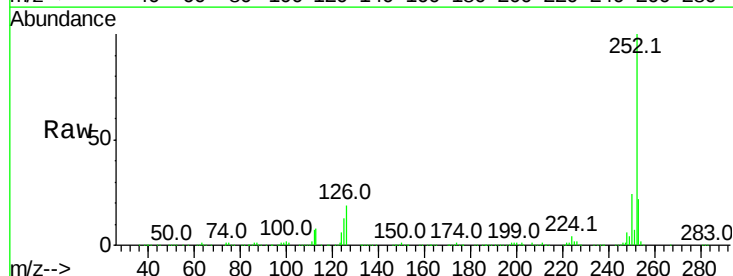
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

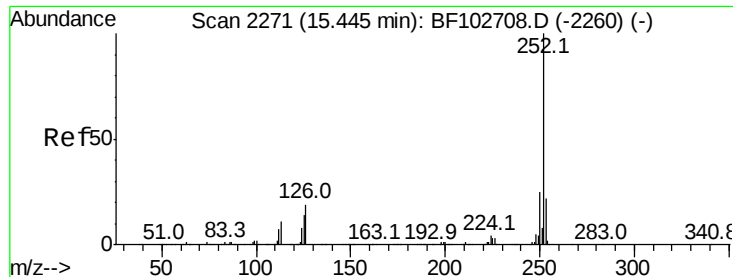
Tot Ion:252 Resp: 1627086
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 57.169 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:252 Resp: 1508528
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 13.4 10.2 15.2

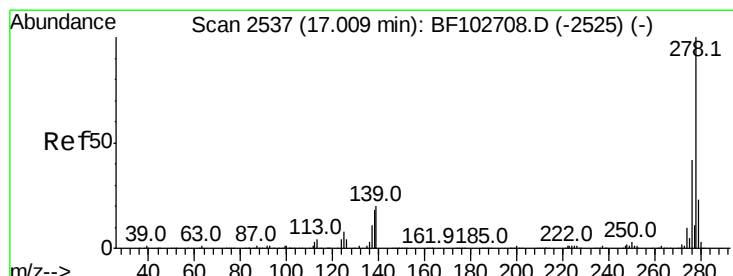
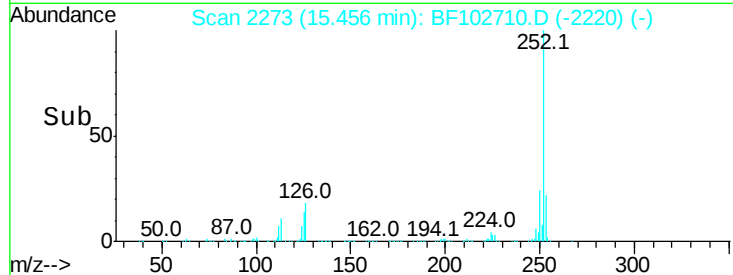
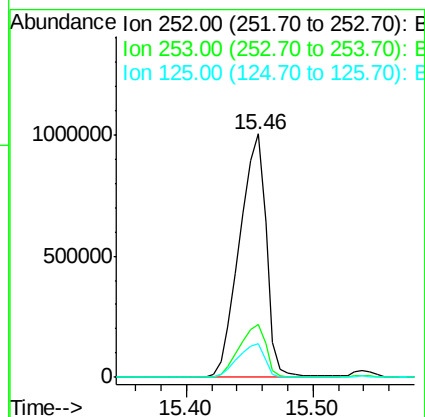
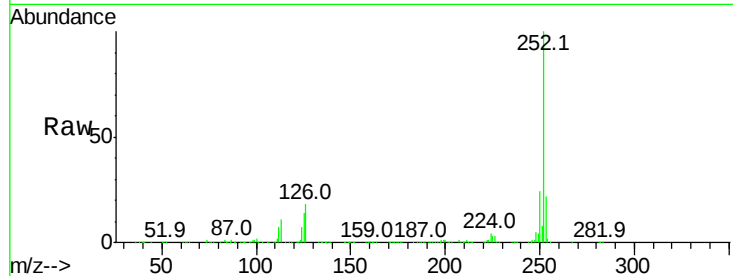




#89
Benzo(a)pyrene
Concen: 59.881 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

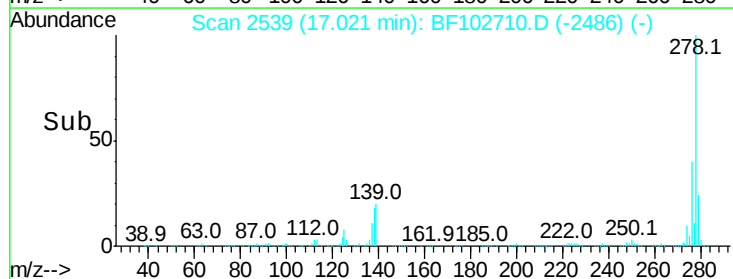
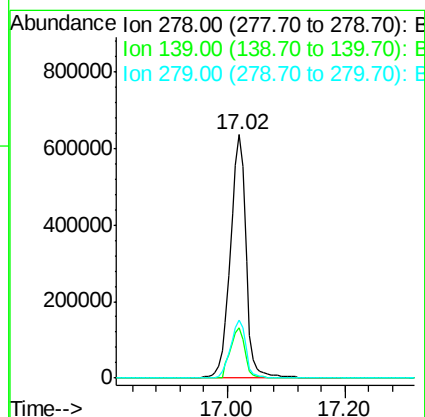
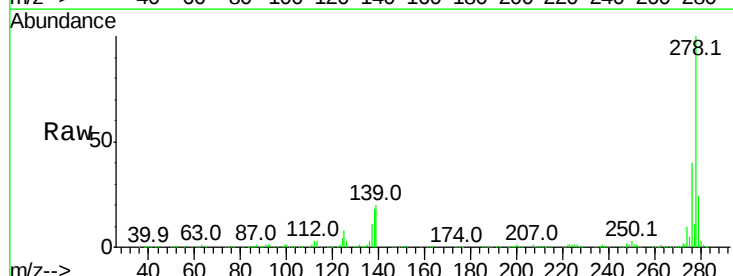
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

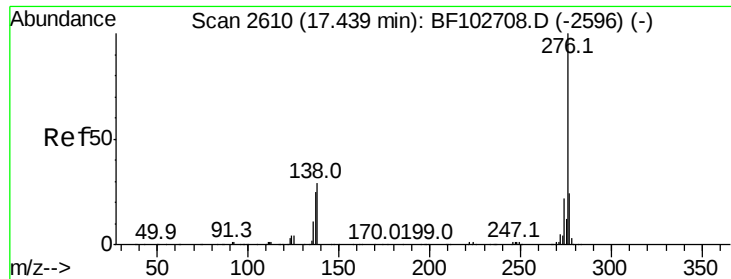
Tot Ion:252 Resp: 1473936
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 13.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 59.614 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF102710.D
Acq: 3 Feb 2018 11:20

Tgt Ion:278 Resp: 1170982
Ion Ratio Lower Upper
278 100
139 20.5 15.9 23.9
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 57.638 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.02 min

Lab File: BF102710.D

Acq: 3 Feb 2018 11:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

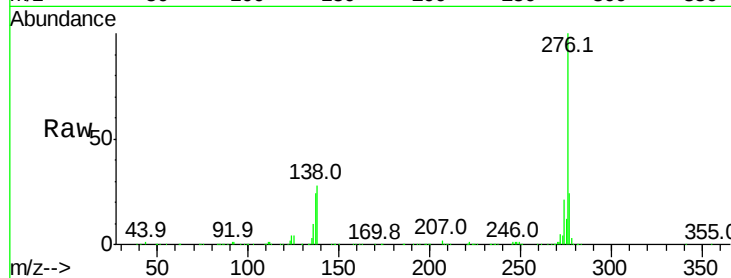
Tot Ion:276 Resp: 1140465

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 28.0 21.8 32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

