

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102765.D
 Acq On : 6 Feb 2018 4:24
 Operator : SJ/JU
 Sample : J1454-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 05:05:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	211426	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	876721	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	383625	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	566086	20.00	ng	0.00
75) Chrysene-d12	14.05	240	331011	20.00	ng	0.00
86) Perylene-d12	15.53	264	325847	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1349331	96.92	ng	0.01
7) Phenol-d6	6.51	99	1640023	97.84	ng	0.00
23) Nitrobenzene-d5	7.45	82	1028999	81.42	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	304396	98.58	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1550239	67.05	ng	0.00
78) Terphenyl-d14	12.99	244	1040745	74.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	208790	30.364	ng	# 86
3) Pyridine	3.49	79	610680	32.144	ng	87
4) n-Nitrosodimethylamine	3.44	42	312358	38.428	ng	96
6) Aniline	6.55	93	505446	20.418	ng	98
8) 2-Chlorophenol	6.67	128	538158	37.548	ng	96
9) Benzaldehyde	6.43	77	186101	14.950	ng	94
10) Phenol	6.52	94	746054	41.530	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	536255	35.874	ng	90
12) 1,3-Dichlorobenzene	6.82	146	562766	33.907	ng	99
13) 1,4-Dichlorobenzene	6.90	146	564052	34.116	ng	99
14) 1,2-Dichlorobenzene	7.05	146	530266	34.434	ng	100
15) Benzyl Alcohol	7.02	79	476476	36.971	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	986456	34.739	ng	97
17) 2-Methylphenol	7.13	107	471039	35.629	ng	99
18) Hexachloroethane	7.39	117	188928	33.324	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	370339	33.508	ng	95
20) 3+4-Methylphenols	7.28	107	556156	34.113	ng	91
22) Acetophenone	7.29	105	739993	34.492	ng	# 96
24) Nitrobenzene	7.47	77	576433	38.765	ng	96
25) Isophorone	7.70	82	1066692	36.654	ng	100
26) 2-Nitrophenol	7.78	139	277282	45.870	ng	98
27) 2,4-Dimethylphenol	7.82	122	496017	40.344	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	677621	39.307	ng	99
29) 2,4-Dichlorophenol	8.02	162	436231	39.030	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	435439	34.438	ng	99
31) Naphthalene	8.19	128	1565818	36.555	ng	98
32) Benzoic acid	7.88	122	57490	14.784	ng	89
33) 4-Chloroaniline	8.23	127	202766	10.988	ng	99
34) Hexachlorobutadiene	8.30	225	216726	33.450	ng	98
35) Caprolactam	8.60	113	145604	37.512	ng	# 77
36) 4-Chloro-3-methylphenol	8.72	107	476854	37.972	ng	95
37) 2-Methylnaphthalene	8.88	142	1028422	36.671	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	383285	36.694	ng	99
40) Hexachlorocyclopentadiene	9.03	237	110272	22.207	ng	99

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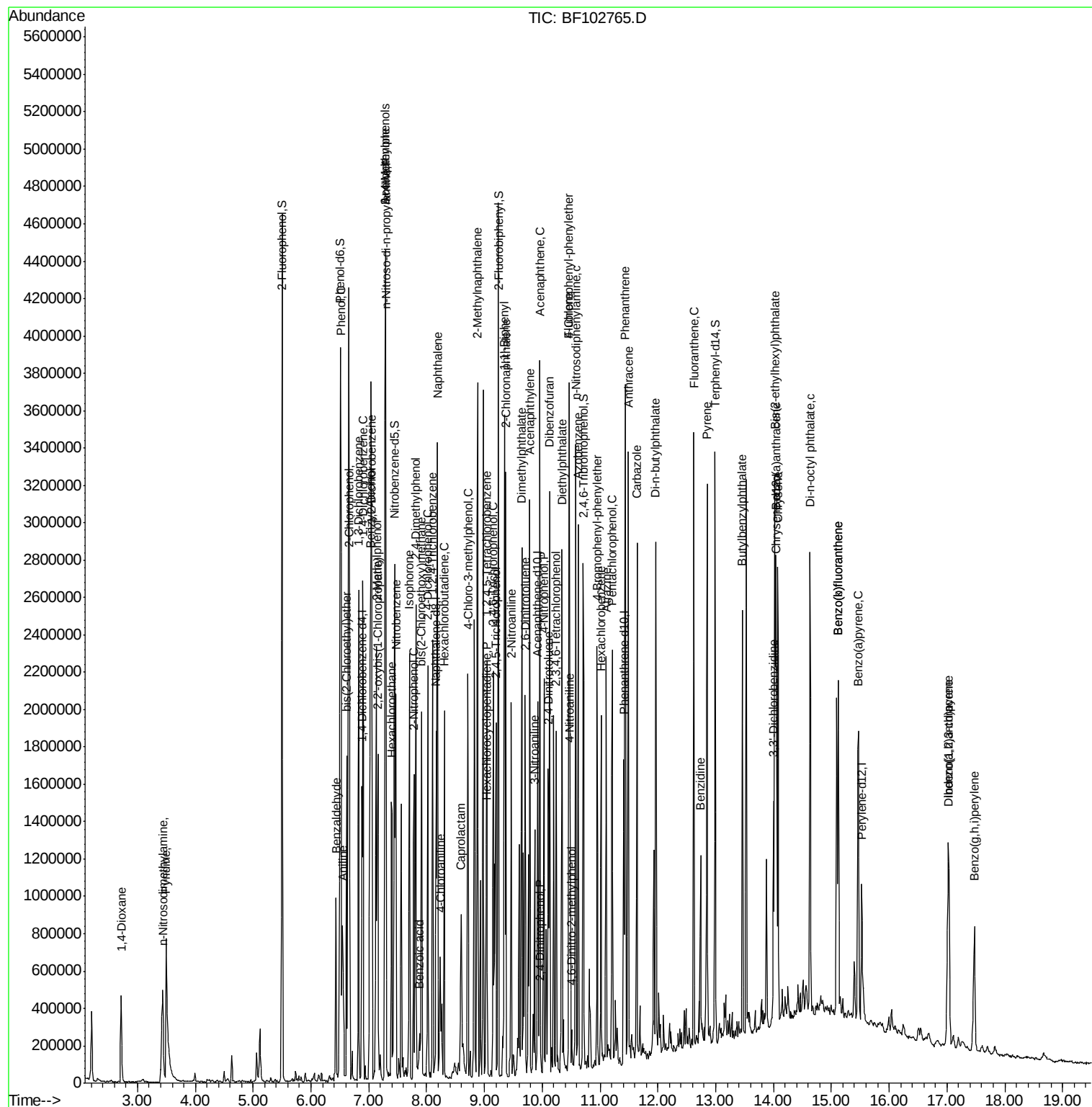
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	278854	40.644	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	295273	38.184	ng	94
45) 1,1'-Biphenyl	9.35	154	1112501	34.430	ng	99
46) 2-Chloronaphthalene	9.37	162	883894	34.747	ng	98
47) 2-Nitroaniline	9.46	65	324716	41.847	ng	90
48) Acenaphthylene	9.79	152	1293048	32.727	ng	99
49) Dimethylphthalate	9.65	163	1250432	41.804	ng	99
50) 2,6-Dinitrotoluene	9.70	165	224789	39.500	ng	95
51) Acenaphthene	9.96	154	804095	34.032	ng	98
52) 3-Nitroaniline	9.87	138	211120	30.150	ng	91
53) 2,4-Dinitrophenol	9.97	184	12946	19.167	ng	# 21
54) Dibenzofuran	10.13	168	1179720	35.429	ng	98
55) 4-Nitrophenol	10.03	139	363700	64.049	ng	92
56) 2,4-Dinitrotoluene	10.10	165	287982	38.390	ng	95
57) Fluorene	10.47	166	850407	35.102	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	205997	38.436	ng	98
59) Diethylphthalate	10.34	149	995736	33.713	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	380040	35.461	ng	98
61) 4-Nitroaniline	10.49	138	221557	33.241	ng	91
62) Azobenzene	10.62	77	953373	32.311	ng	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	20976	16.825	ng	93
65) n-Nitrosodiphenylamine	10.58	169	794440	39.787	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	236242	39.452	ng	96
67) Hexachlorobenzene	11.02	284	233868	35.402	ng	98
68) Atrazine	11.10	200	235354	39.954	ng	98
69) Pentachlorophenol	11.21	266	214182	55.232	ng	99
70) Phenanthrene	11.43	178	1427333	45.273	ng	100
71) Anthracene	11.49	178	1194423	37.249	ng	100
72) Carbazole	11.64	167	1072738	34.147	ng	100
73) Di-n-butylphthalate	11.97	149	1478799	38.752	ng	99
74) Fluoranthene	12.62	202	1359004	42.844	ng	99
76) Benzidine	12.74	184	351431	23.100	ng	97
77) Pyrene	12.85	202	1287696	49.610	ng	100
79) Butylbenzylphthalate	13.46	149	507860	41.056	ng	100
80) Benzo(a)anthracene	14.04	228	959124	46.073	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	241796	31.326	ng	99
82) Chrysene	14.07	228	898526	42.817	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	695224	43.723	ng	99
84) Di-n-octyl phthalate	14.63	149	1128599	47.271	ng	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	691407	39.726	ng	100
87) Benzo(b)fluoranthene	15.12	252	751879	35.590	ng	97
88) Benzo(k)fluoranthene	15.12	252	751879	37.248	ng	99
89) Benzo(a)pyrene	15.47	252	813889	42.801	ng	97
90) Dibenzo(a,h)anthracene	17.04	278	525367	34.038	ng	98
91) Benzo(g,h,i)perylene	17.47	276	556231	36.819	ng	98

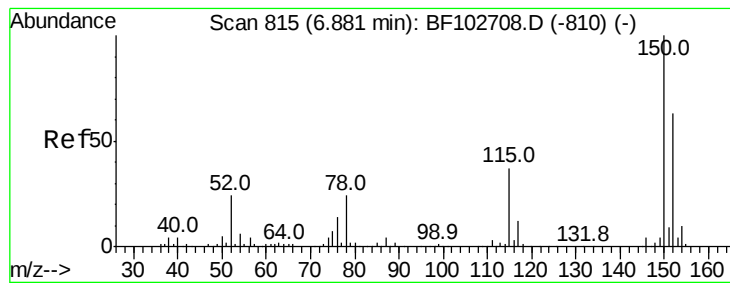
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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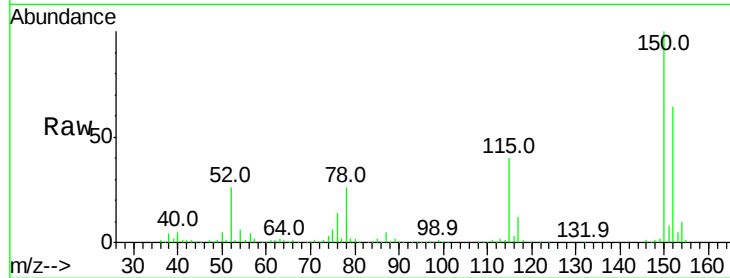


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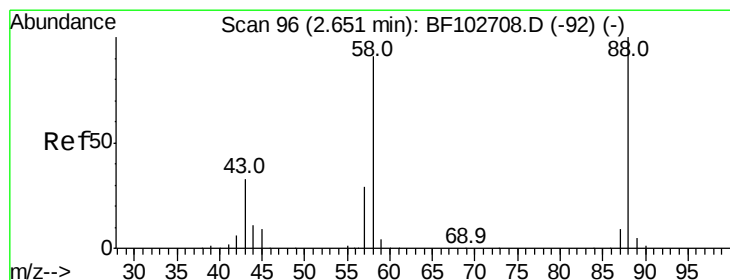
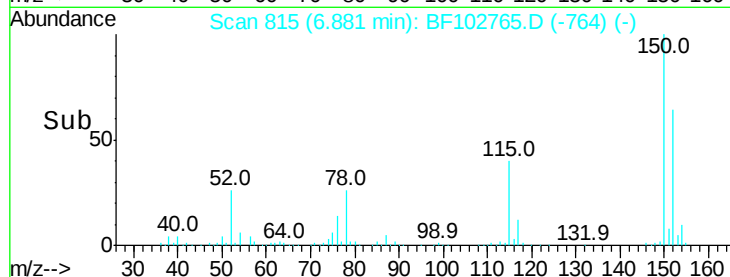
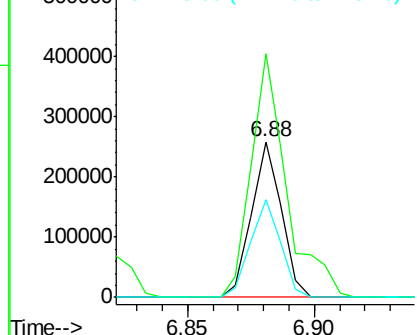
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 211426
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 63.2 50.1 75.1



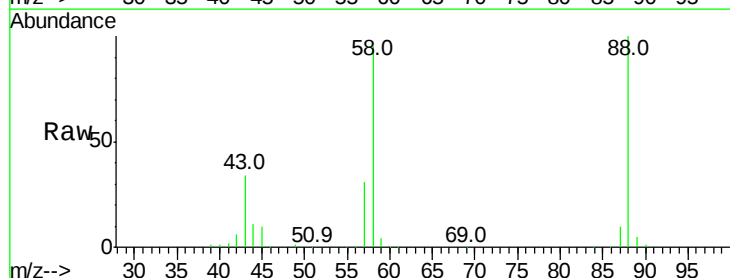
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



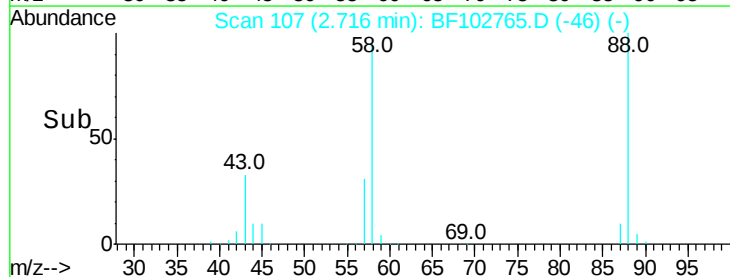
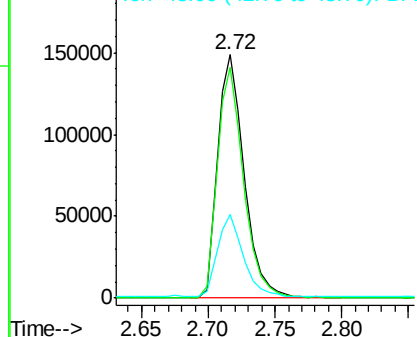
#2

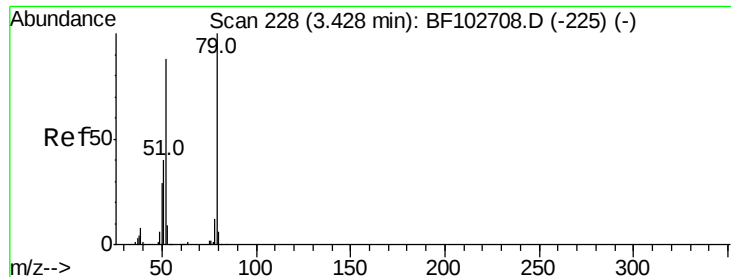
1,4-Dioxane
Concen: 30.364 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion: 88 Resp: 208790
Ion Ratio Lower Upper
88 100
58 94.5 62.6 93.8#
43 32.3 24.6 37.0



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





#3

Pvridine

Concen: 32.144 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

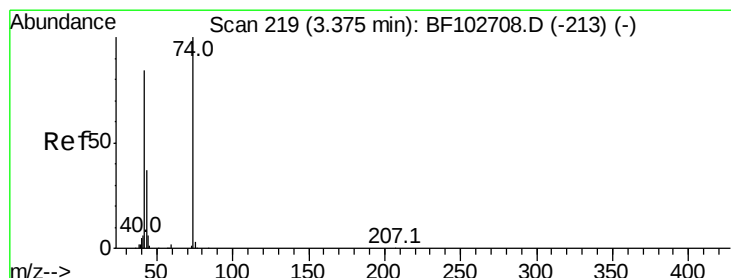
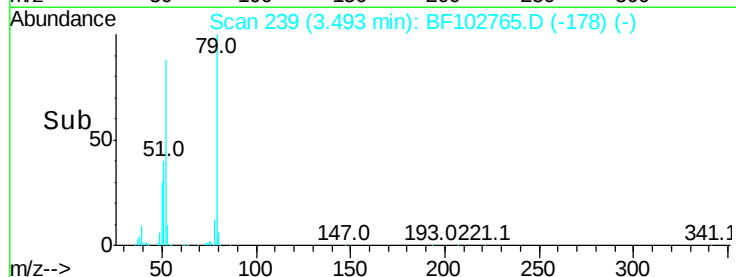
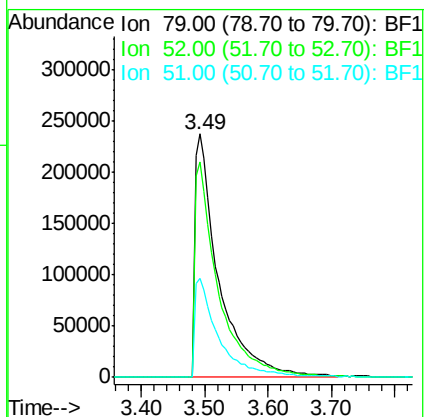
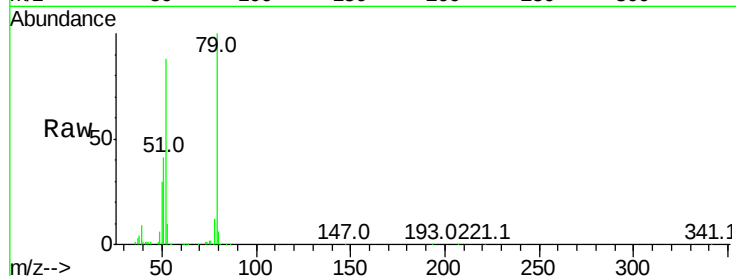
Tot Ion: 79 Resp: 610680

Ion Ratio Lower Upper

79 100

52 88.3 59.8 89.6

51 40.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.428 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

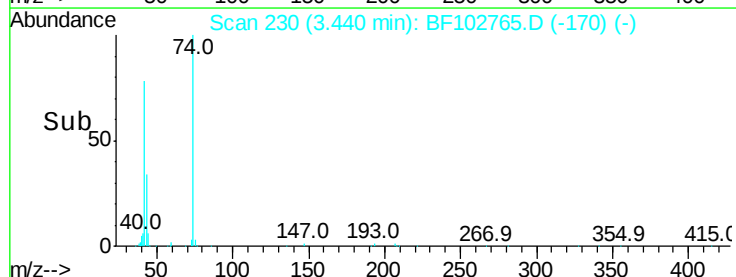
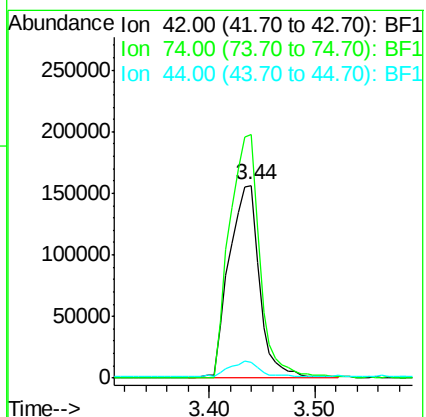
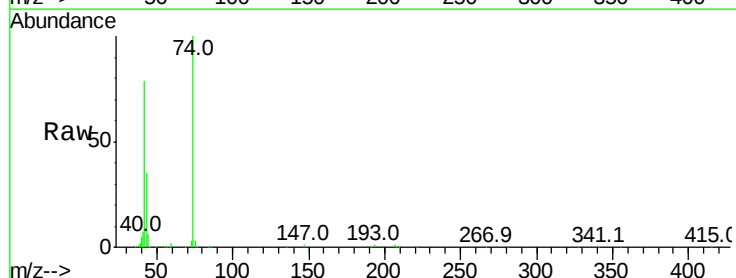
Tgt Ion: 42 Resp: 312358

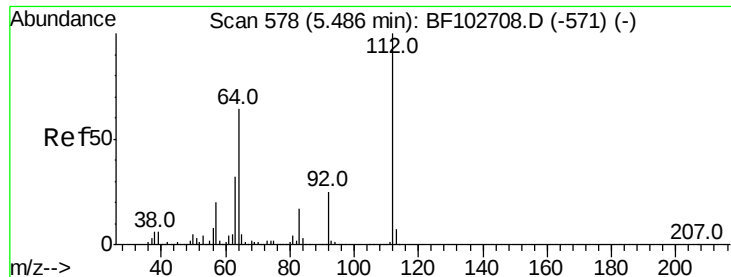
Ion Ratio Lower Upper

42 100

74 126.5 104.9 157.3

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 96.922 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

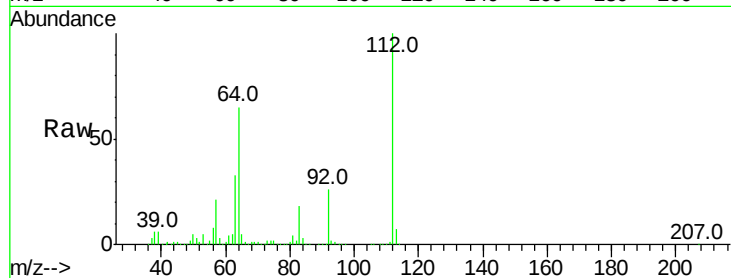
Tot Ion:112 Resp: 1349331

Ion Ratio Lower Upper

112 100

64 64.7 47.9 71.9

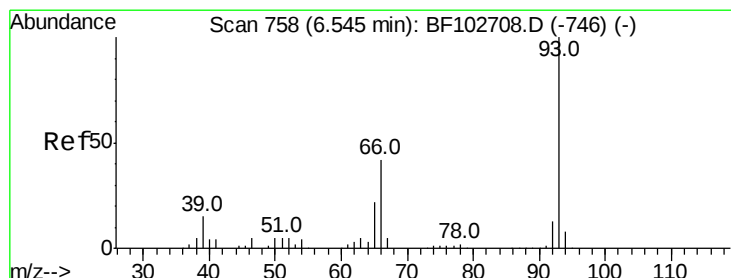
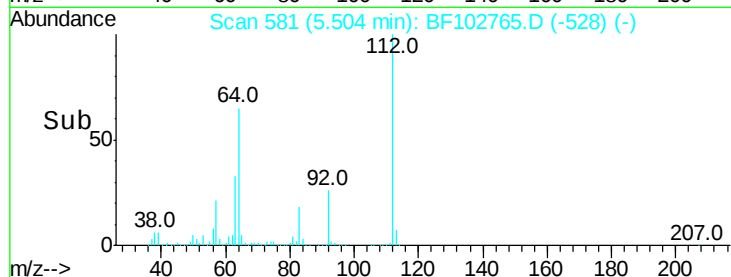
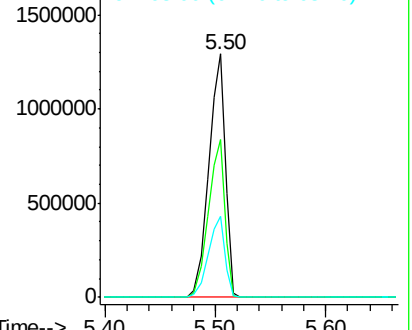
63 33.3 23.7 35.5



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: 20.418 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

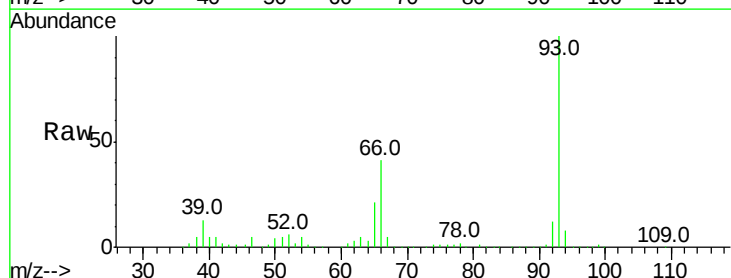
Tgt Ion: 93 Resp: 505446

Ion Ratio Lower Upper

93 100

66 41.2 32.2 48.2

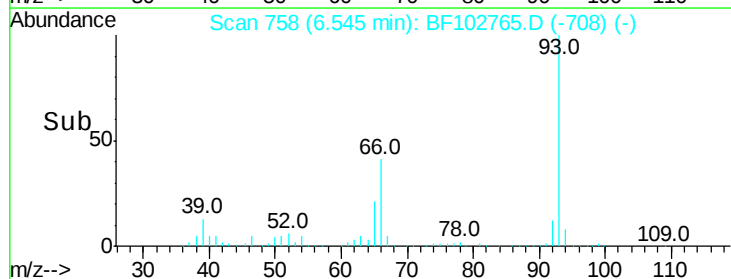
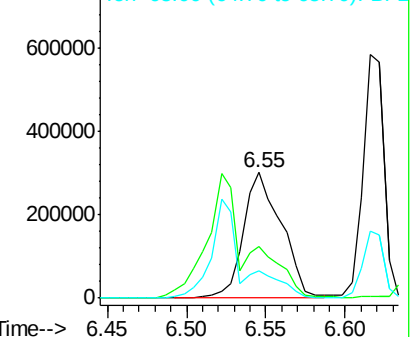
65 21.4 16.4 24.6

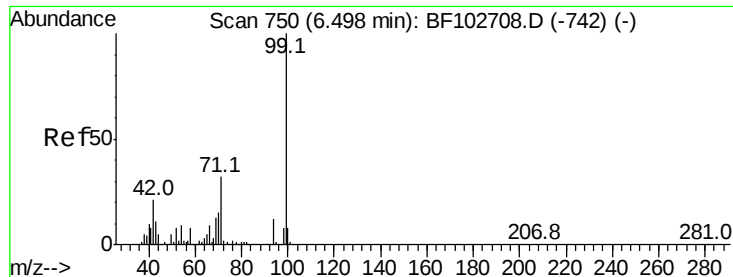


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.837 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

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ClientSampleId :

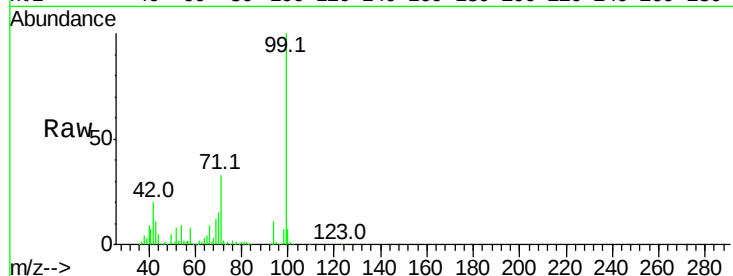
Tot Ion: 99 Resp: 1640023

Ion Ratio Lower Upper

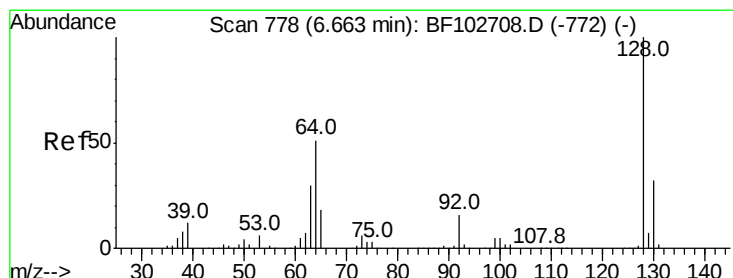
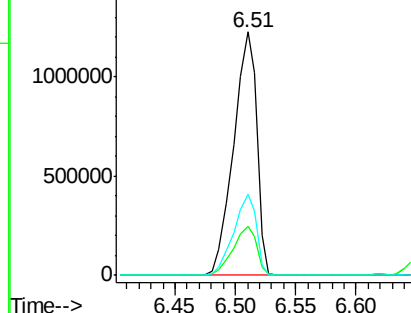
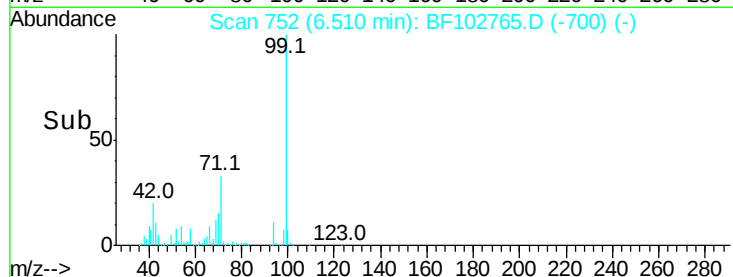
99 100

42 20.2 14.5 21.7

71 33.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 37.548 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

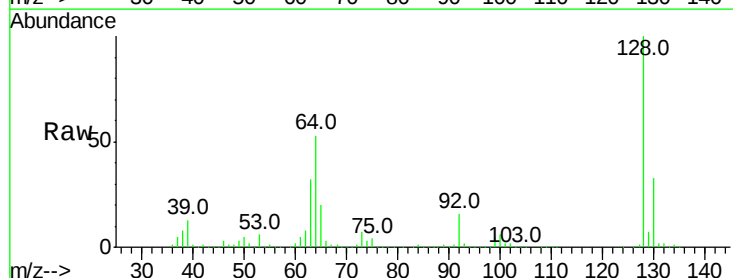
Tgt Ion: 128 Resp: 538158

Ion Ratio Lower Upper

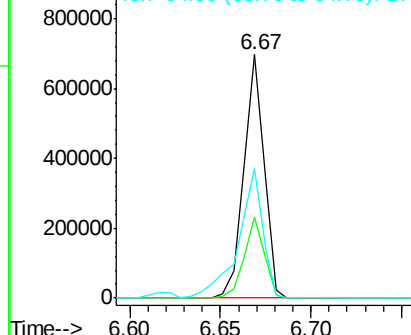
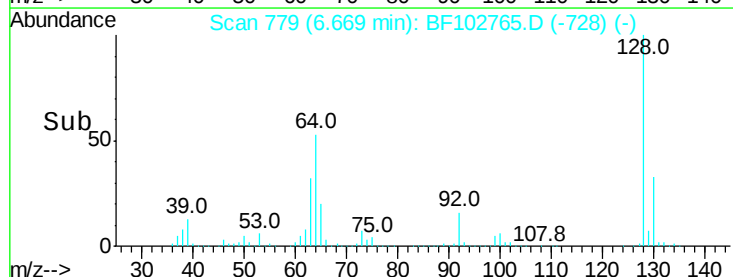
128 100

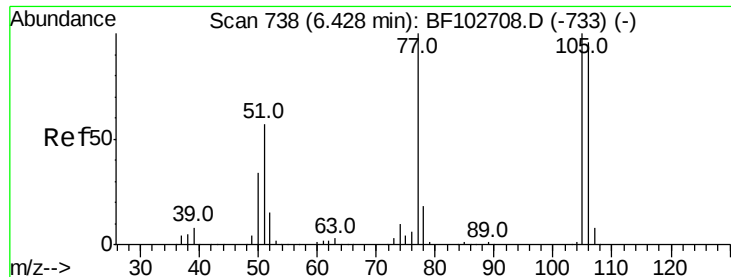
130 33.4 13.0 53.0

64 53.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 14.950 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

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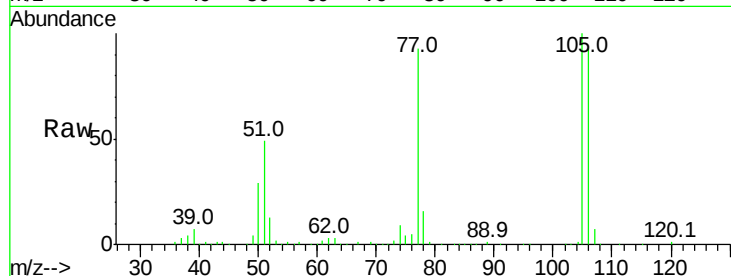
Tot Ion: 77 Resp: 186101

Ion Ratio Lower Upper

77 100

105 107.7 81.1 121.1

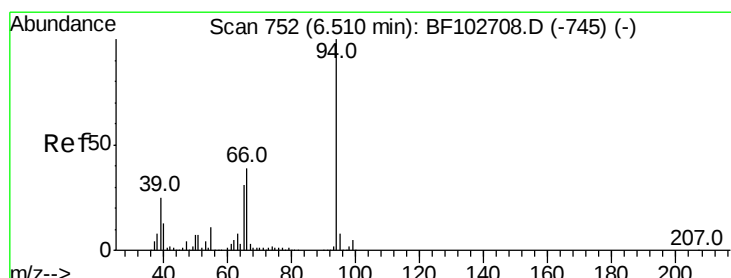
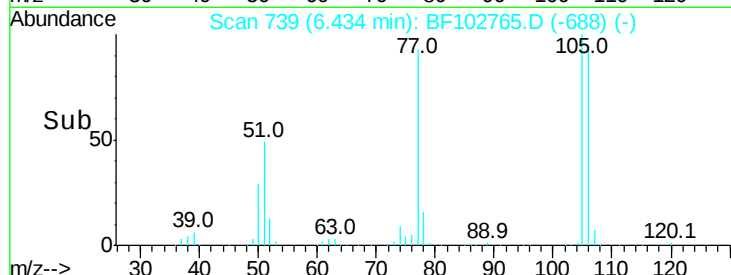
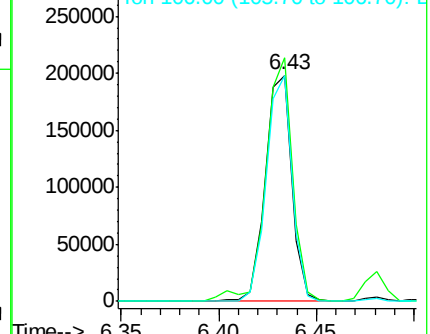
106 99.9 74.5 114.5



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: 41.530 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102765.D

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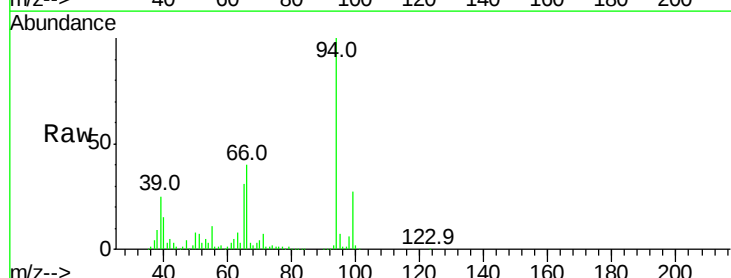
Tgt Ion: 94 Resp: 746054

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

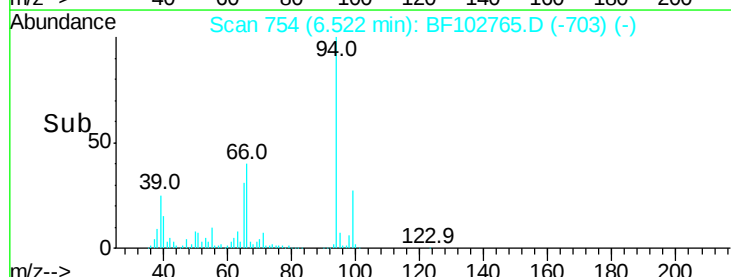
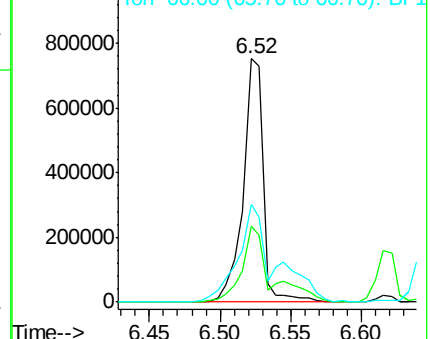
66 39.9 16.2 56.2

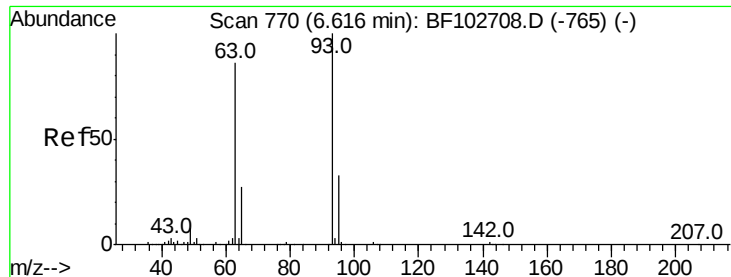


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

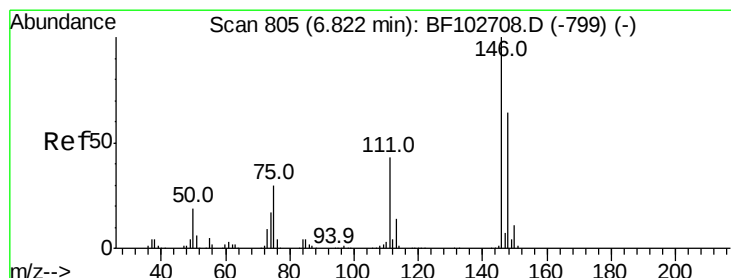
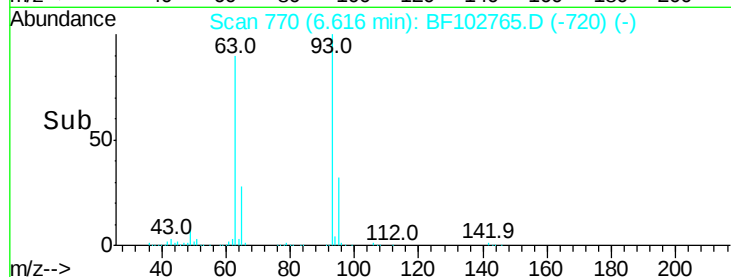
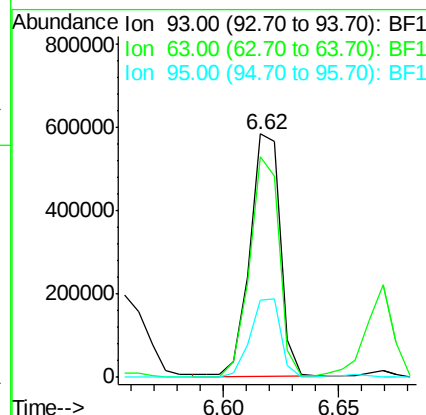
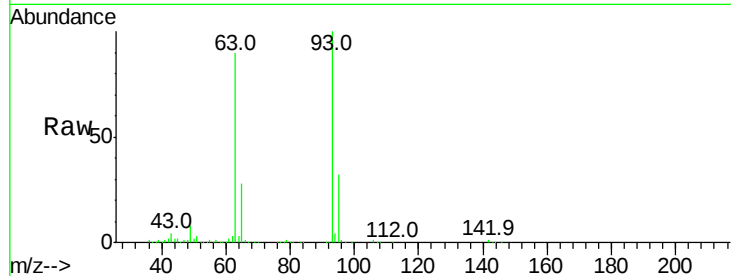




#11
 bis(2-Chloroethyl)ether
 Concen: 35.874 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

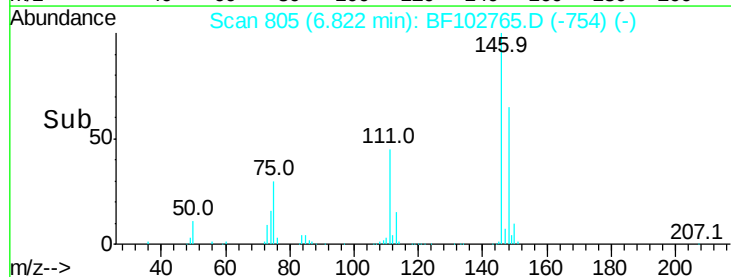
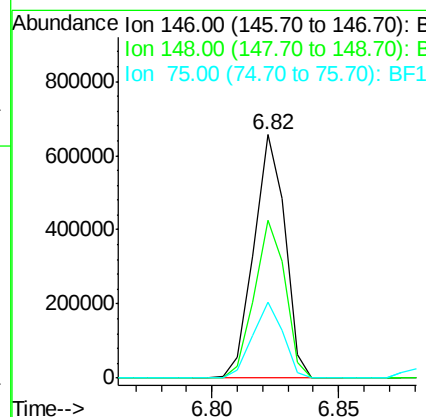
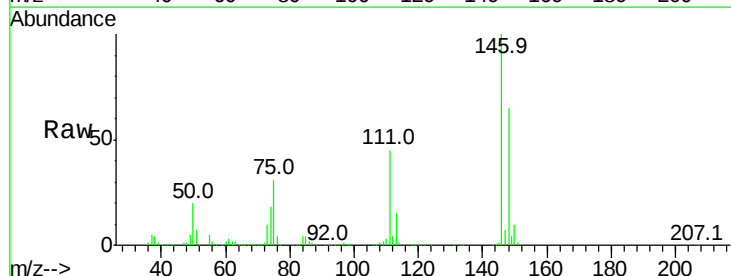
Instrument :
 BNA_F
 ClientSampleId :

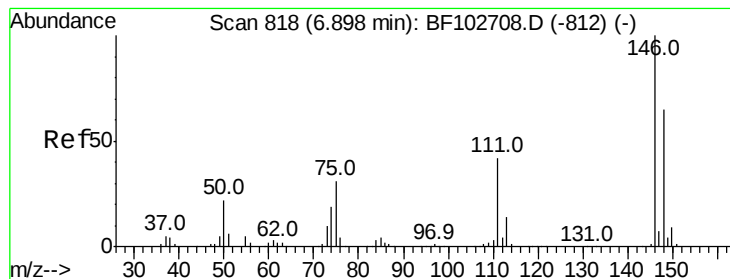
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.5	58.6	98.6
95	31.9	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 33.907 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	31.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 34.116 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampled :

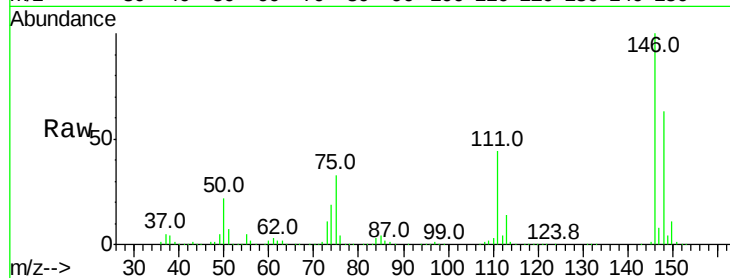
Tot Ion:146 Resp: 564052

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

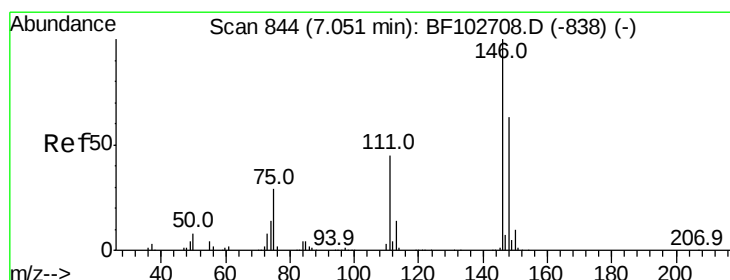
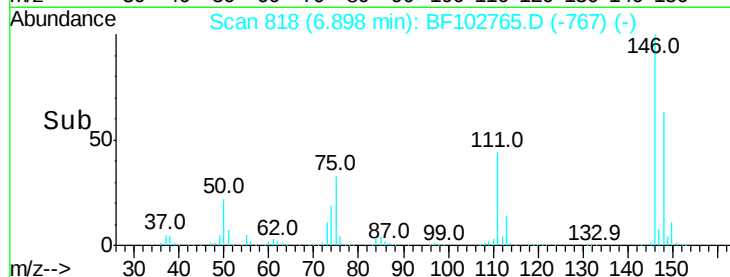
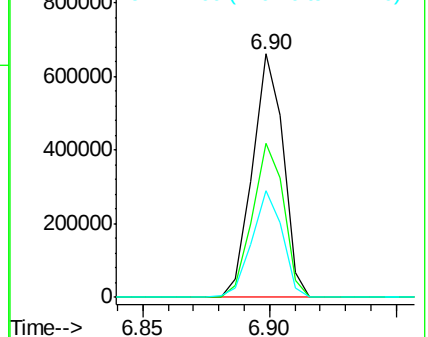
111 43.7 34.2 51.2



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: 34.434 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

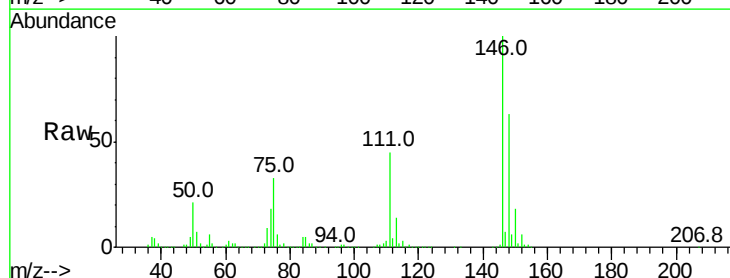
Tgt Ion:146 Resp: 530266

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

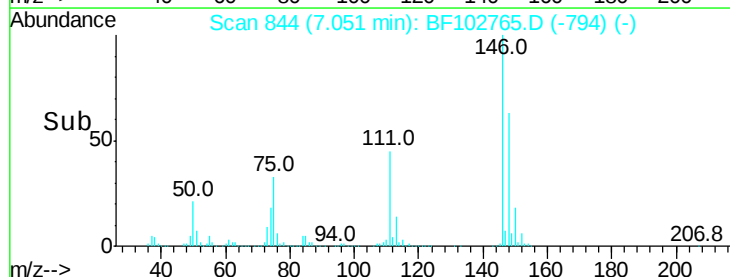
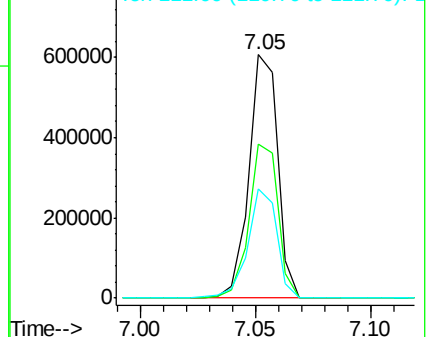
111 44.9 36.0 54.0

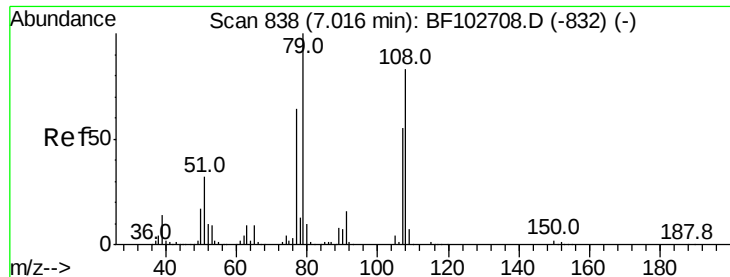


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.971 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

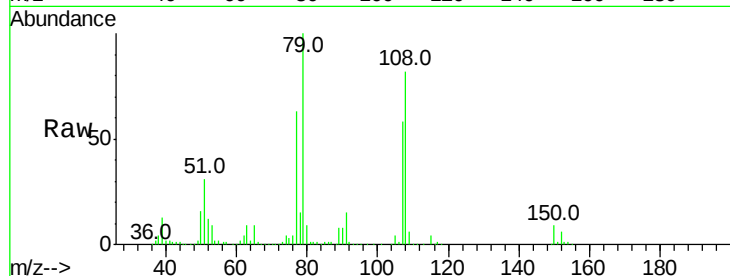
Tot Ion: 79 Resp: 476476

Ion Ratio Lower Upper

79 100

108 82.0 65.1 97.7

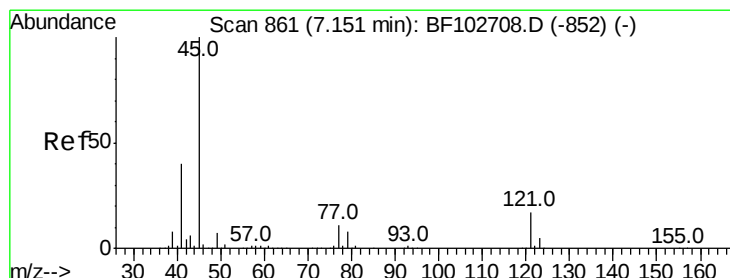
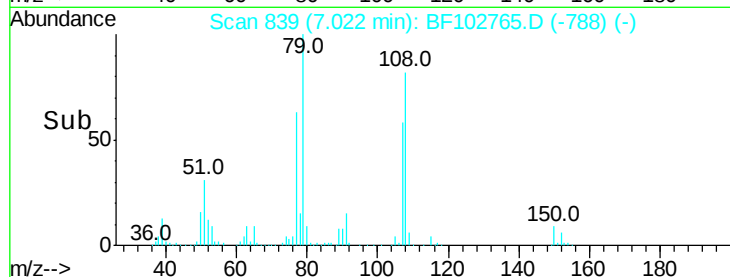
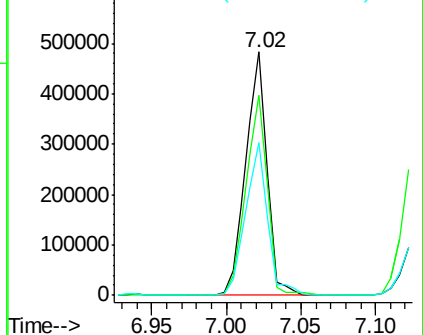
77 62.9 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.739 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

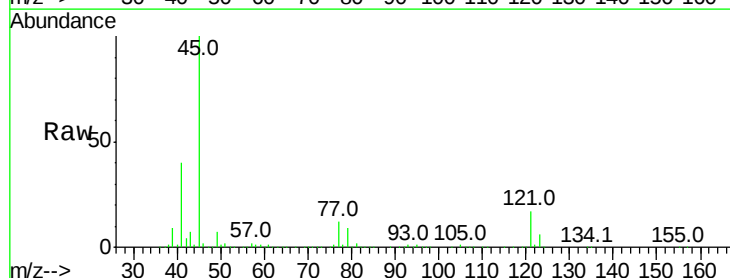
Tgt Ion: 45 Resp: 986456

Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.9

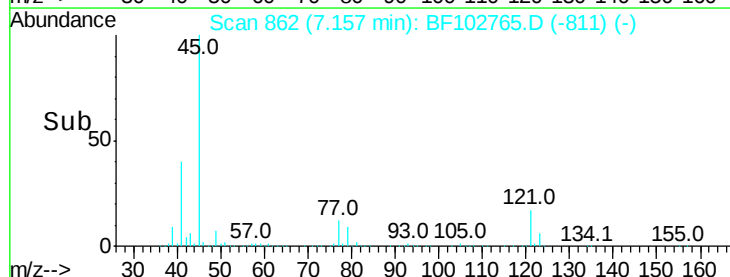
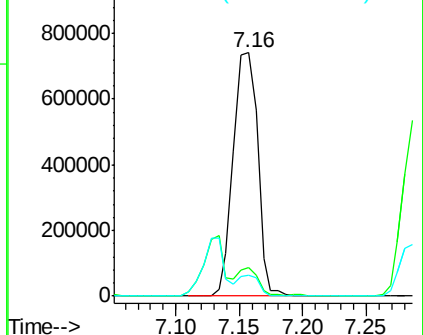
79 8.8 0.0 29.6

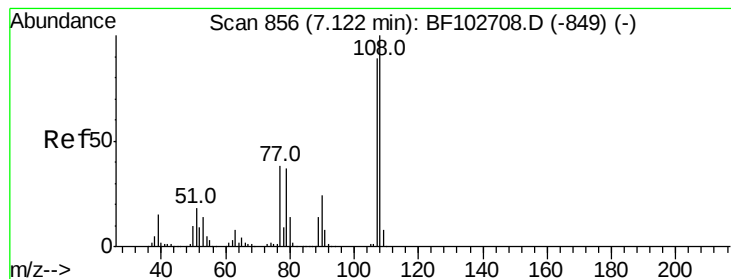


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 35.629 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 471039

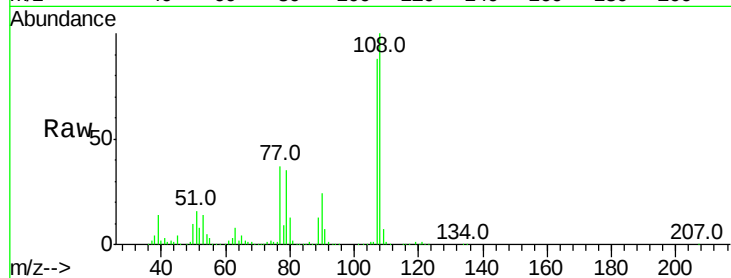
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

77 41.8 33.8 50.8

79 40.0 33.8 50.8

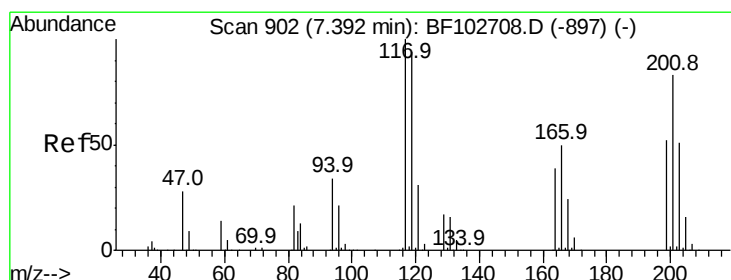
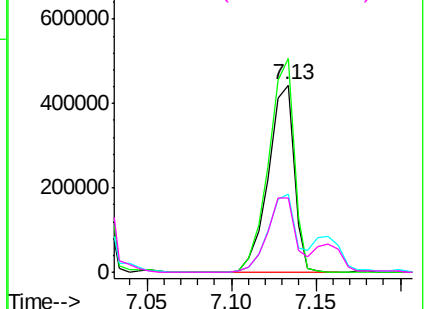
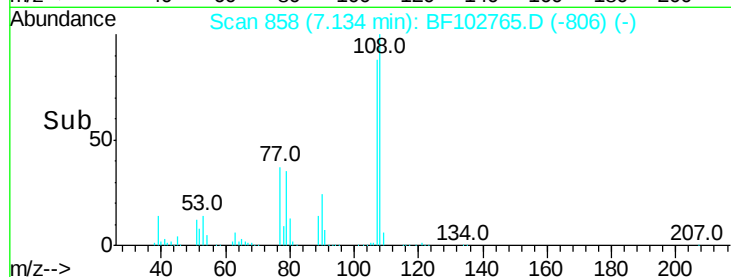


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.324 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

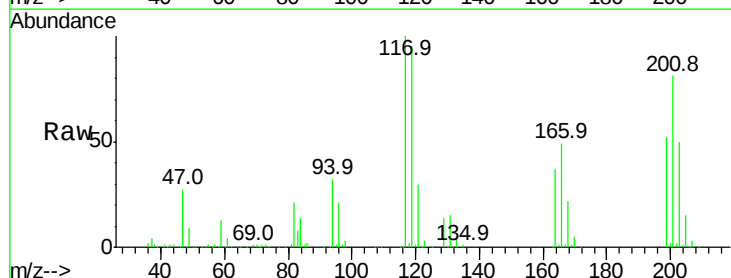
Tgt Ion:117 Resp: 188928

Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.8

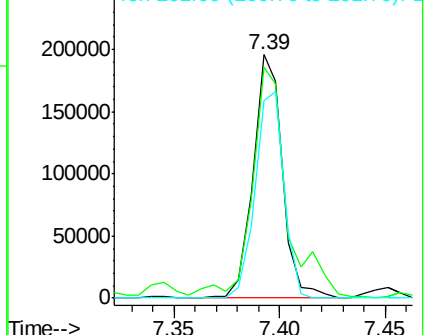
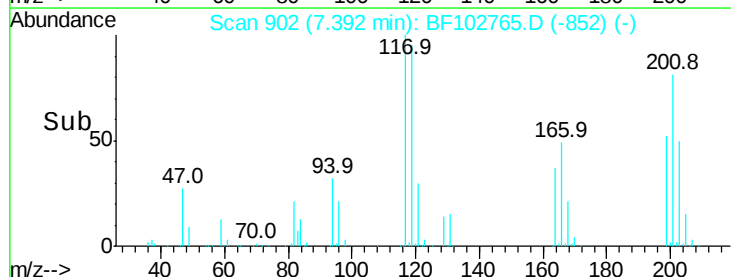
201 81.1 75.7 113.5

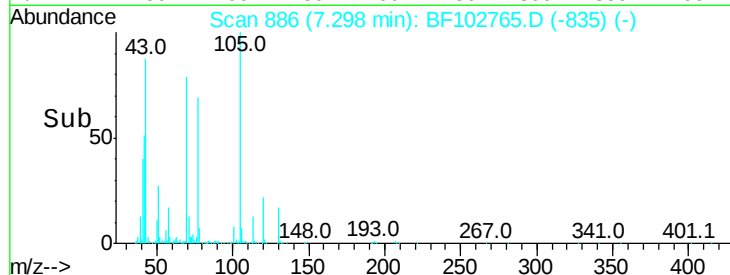
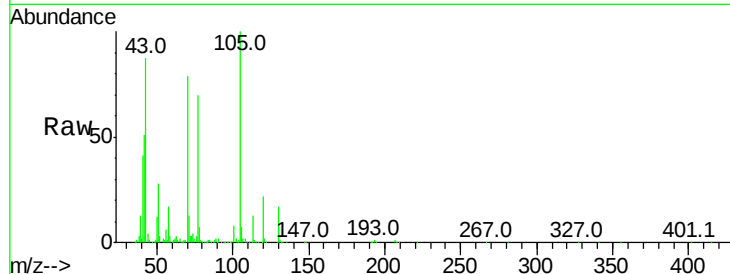
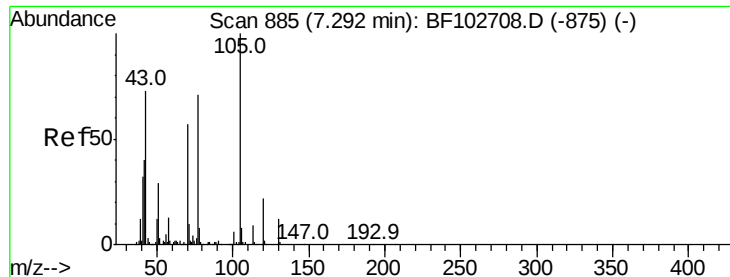


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

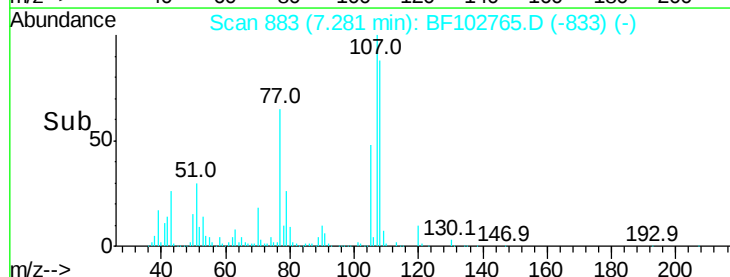
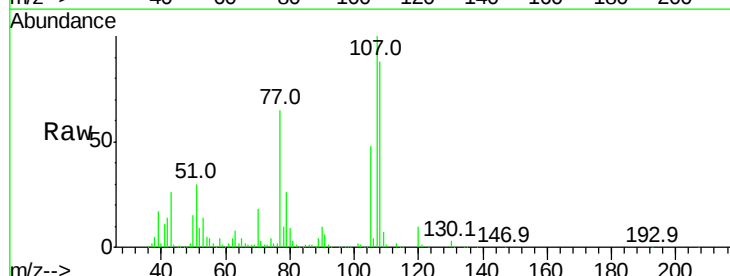
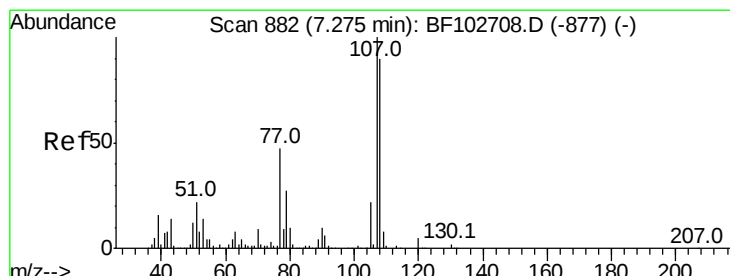
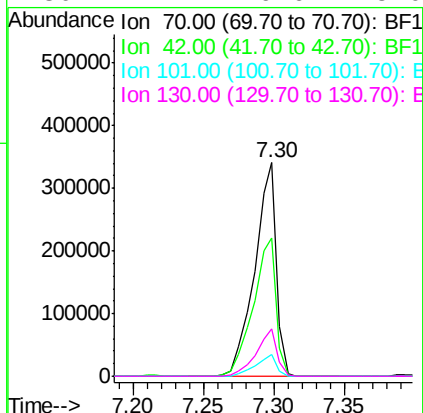




#19
n-Nitroso-di-n-propylamine
Concen: 33.508 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

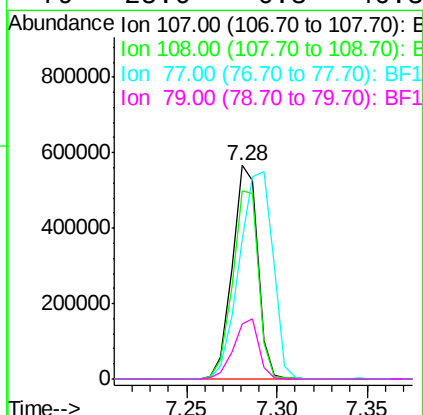
Instrument :
BNA_F
ClientSampled :

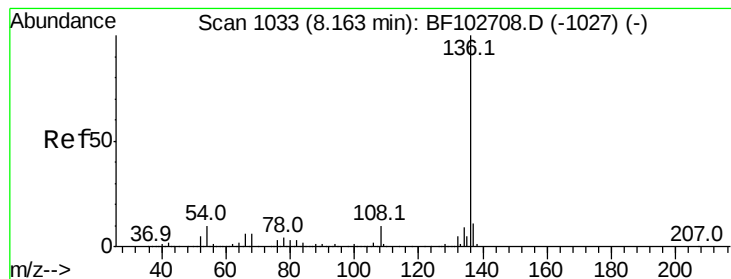
Tot Ion: 70 Resp: 370339
Ion Ratio Lower Upper
70 100
42 64.6 47.5 71.3
101 10.0 7.4 11.2
130 22.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 34.113 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion: 107 Resp: 556156
Ion Ratio Lower Upper
107 100
108 87.9 68.2 108.2
77 65.5 26.7 66.7
79 25.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 876721

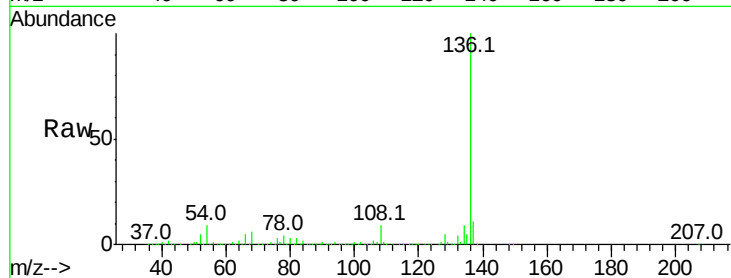
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 6.0 5.0 7.4

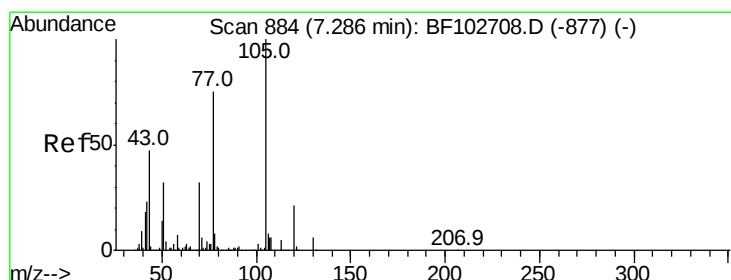
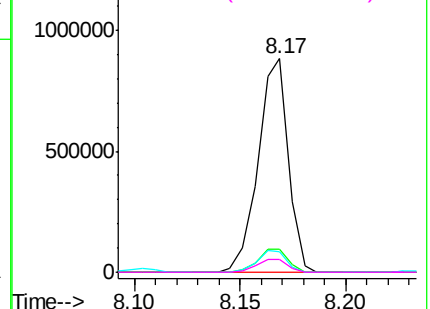
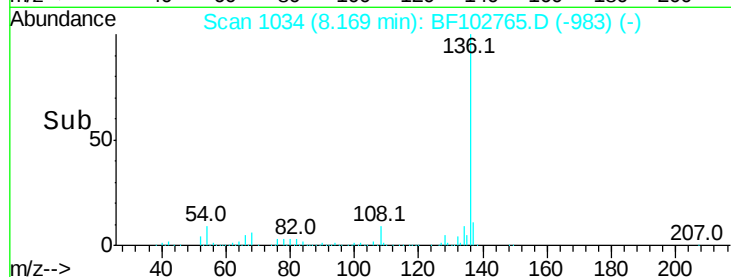


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.492 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tgt Ion:105 Resp: 739993

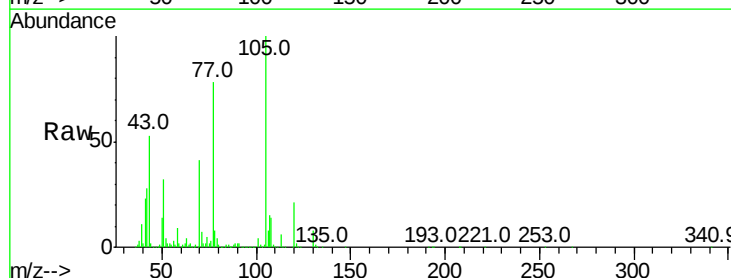
Ion Ratio Lower Upper

105 100

71 7.0 4.4 6.6#

51 31.7 22.3 33.5

120 21.3 16.9 25.3

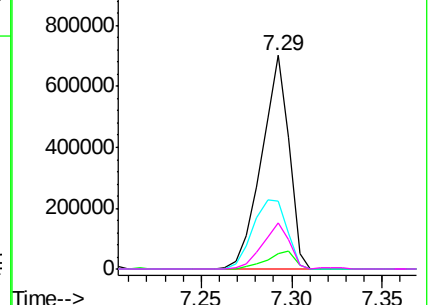
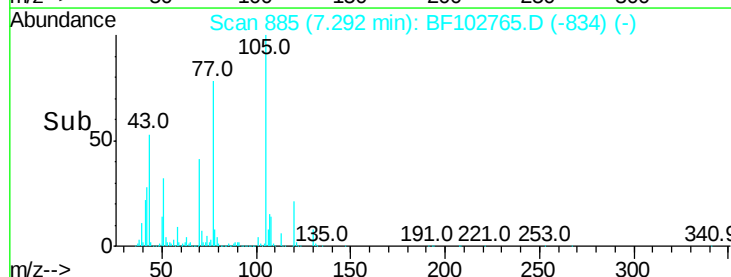


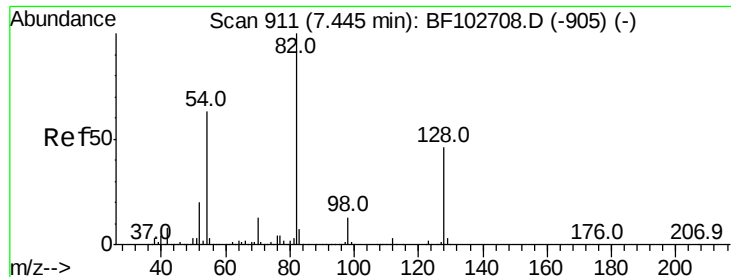
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

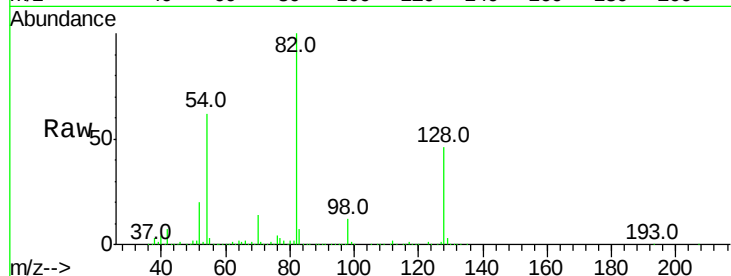




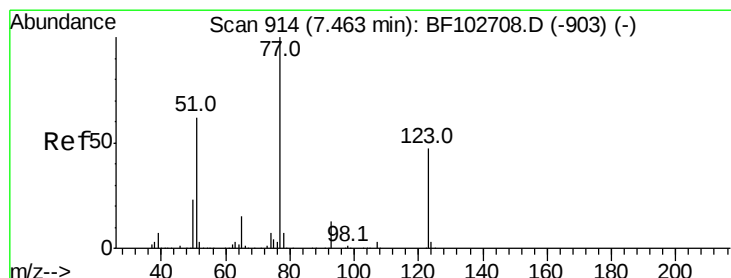
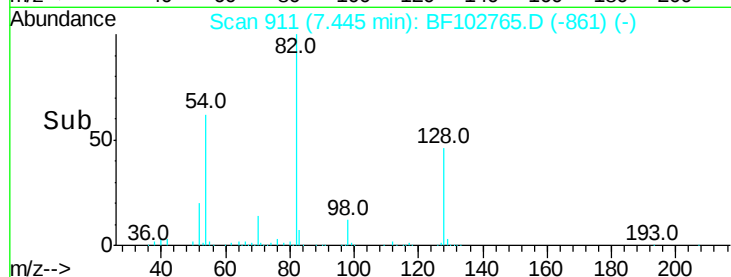
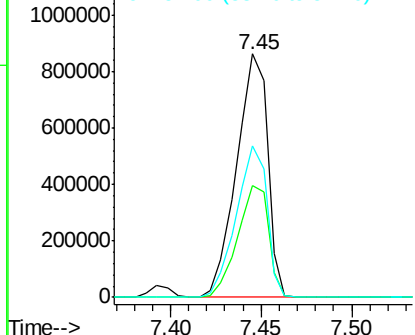
#23
 Nitrobenzene-d5
 Concen: 81.420 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1028999
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 62.5 41.4 62.2#

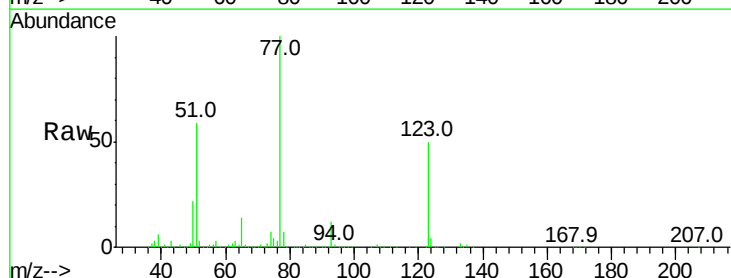


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

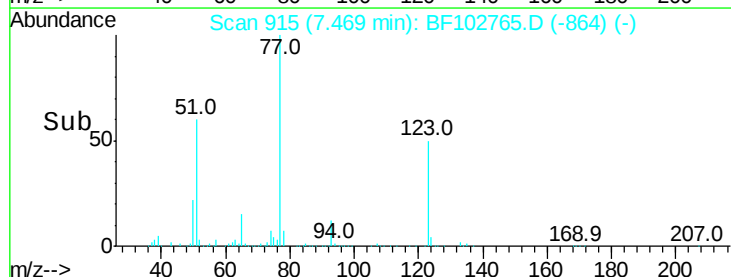
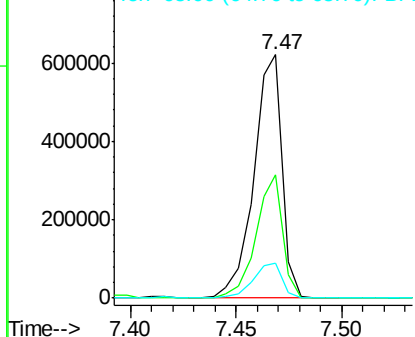


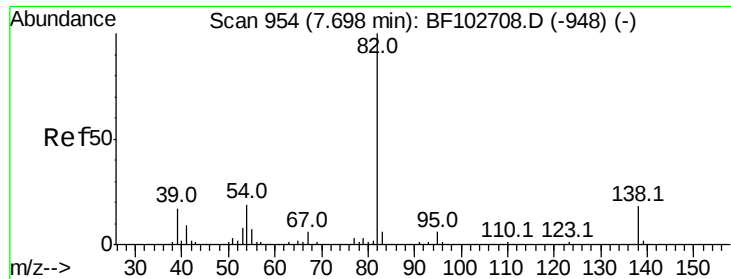
#24
 Nitrobenzene
 Concen: 38.765 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion: 77 Resp: 576433
 Ion Ratio Lower Upper
 77 100
 123 50.4 37.9 56.9
 65 14.3 11.0 16.4



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





#25

Isophorone

Concen: 36.654 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

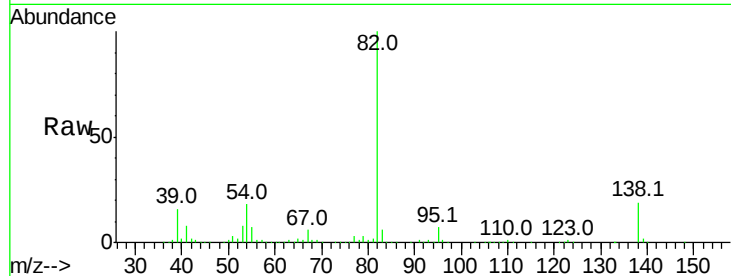
Tot Ion: 82 Resp: 1066692

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

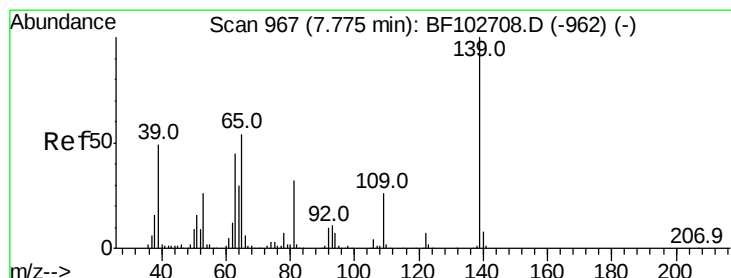
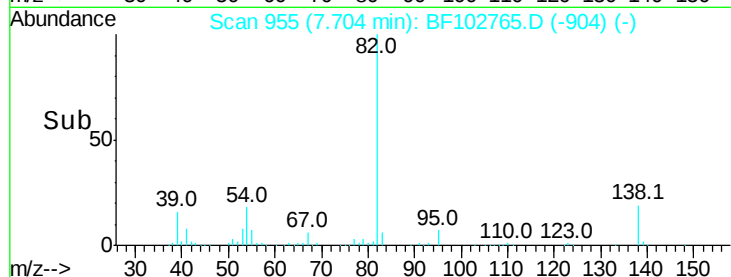
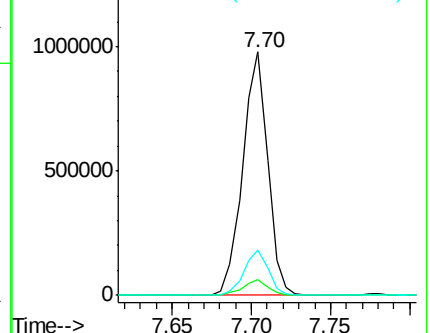
138 18.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.870 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

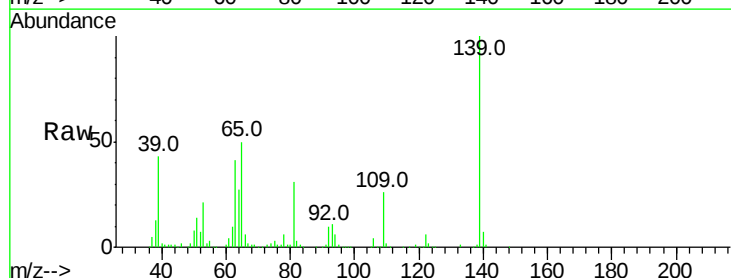
Tgt Ion: 139 Resp: 277282

Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

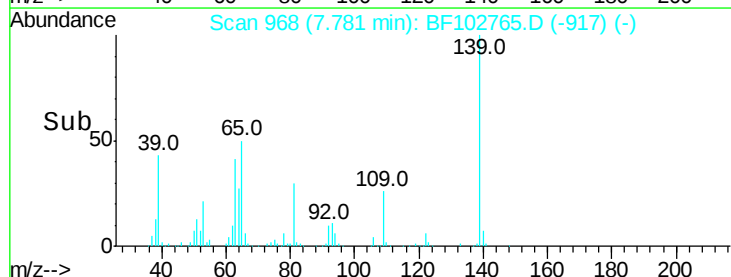
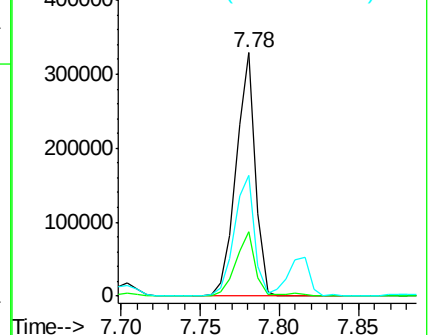
65 49.8 40.5 60.7

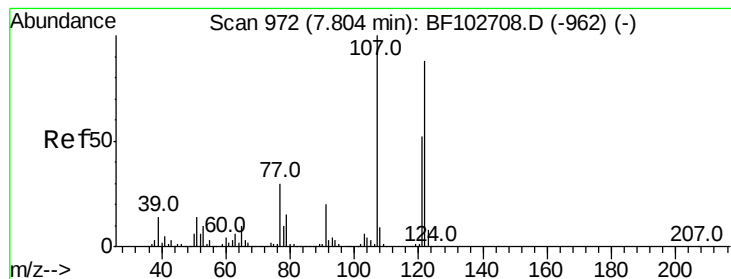


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.344 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

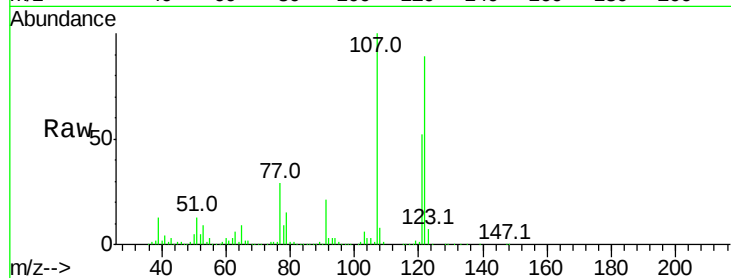
Tot Ion:122 Resp: 496017

Ion Ratio Lower Upper

122 100

107 112.9 91.2 136.8

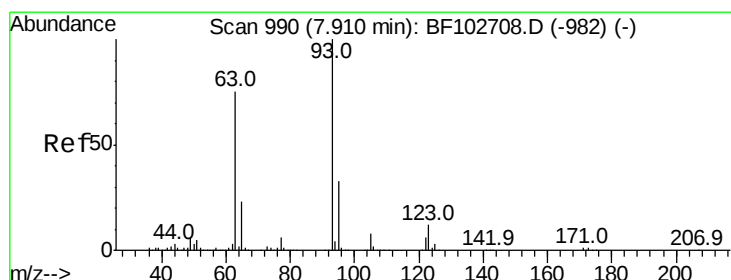
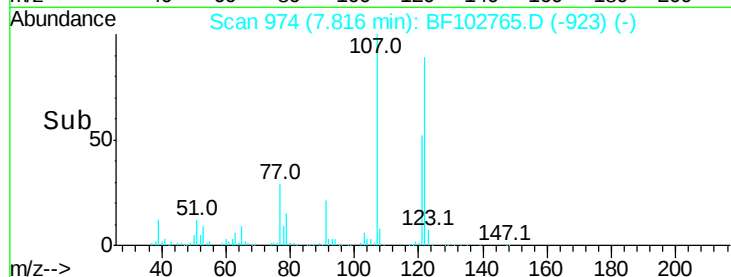
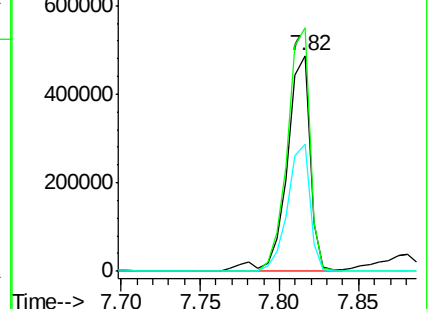
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.307 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

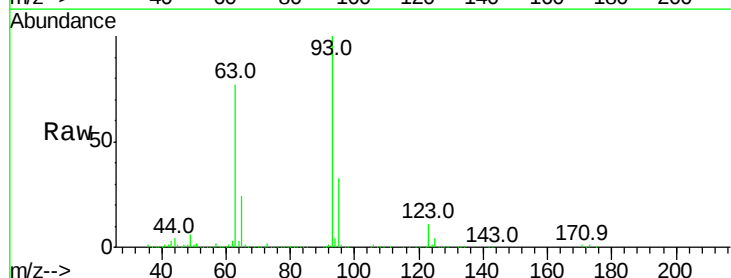
Tgt Ion: 93 Resp: 677621

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

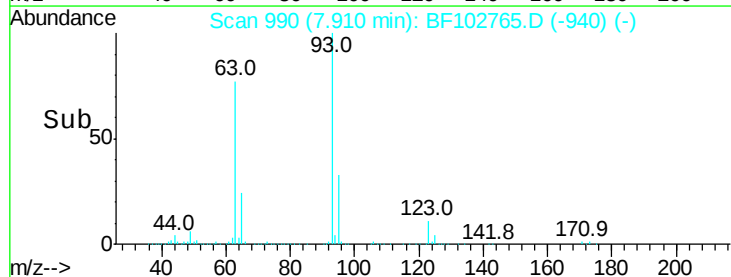
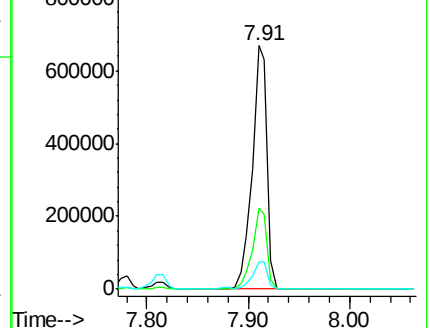
123 11.2 9.8 14.6

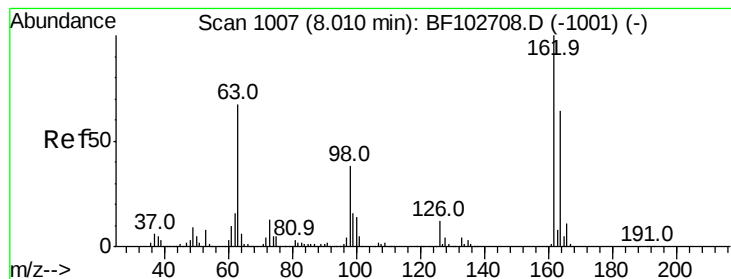


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.030 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

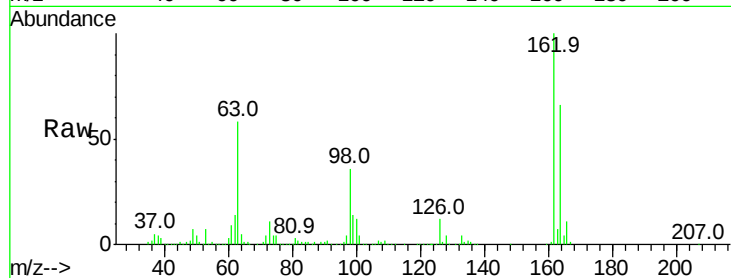
Tot Ion:162 Resp: 436231

Ion Ratio Lower Upper

162 100

164 65.6 42.7 82.7

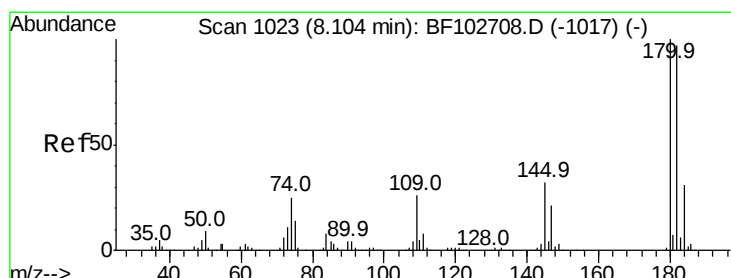
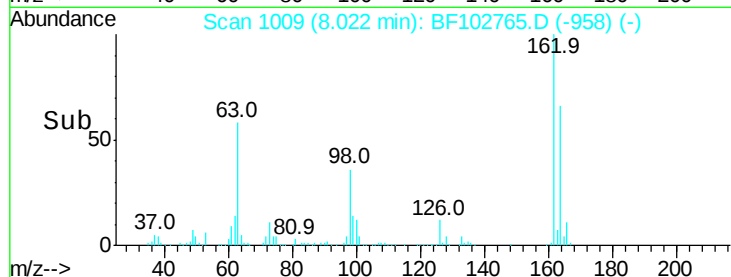
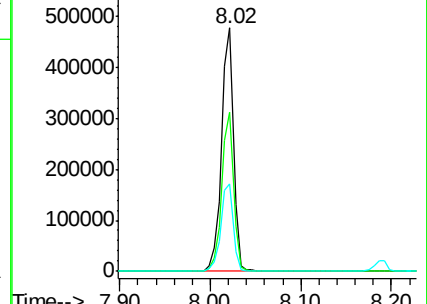
98 35.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 34.438 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

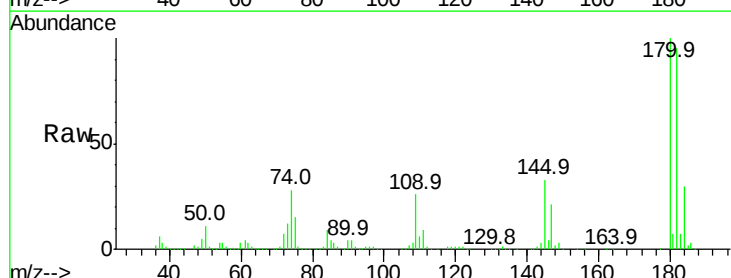
Tgt Ion:180 Resp: 435439

Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

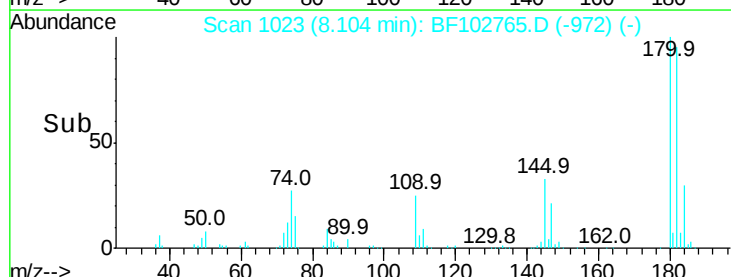
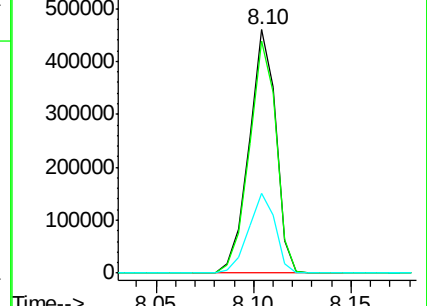
145 32.9 26.5 39.7

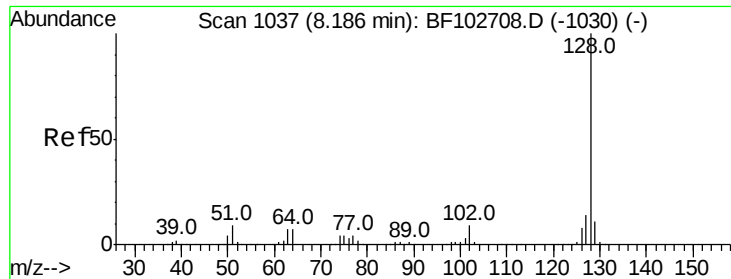


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

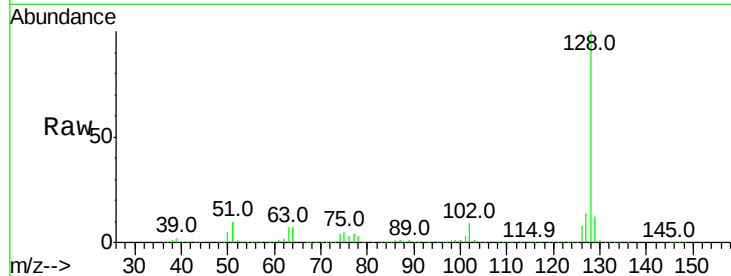




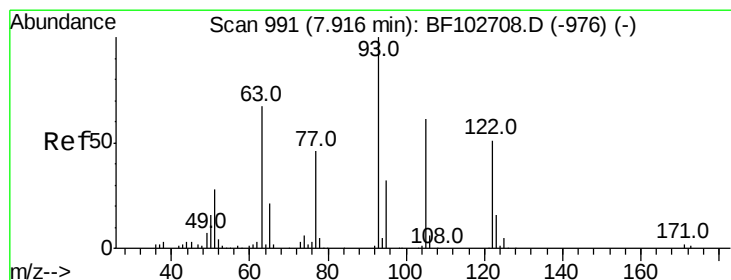
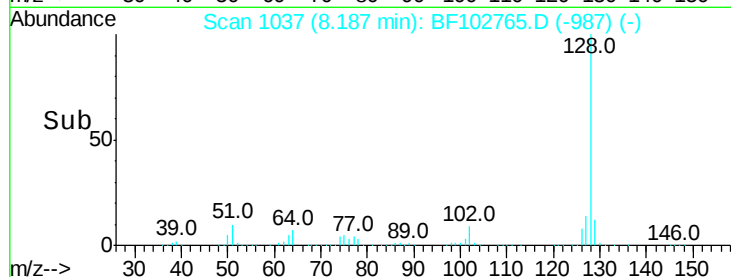
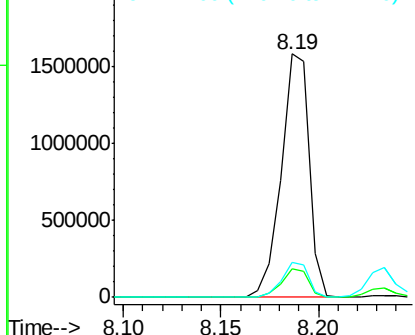
#31
Naphthalene
Concen: 36.555 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1565818
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 14.2 10.9 16.3

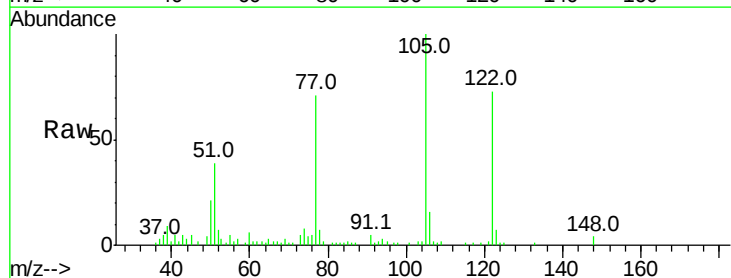


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

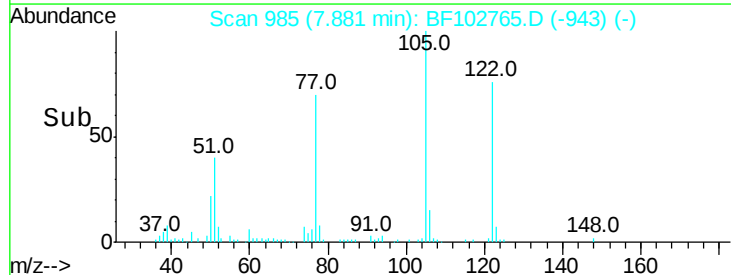
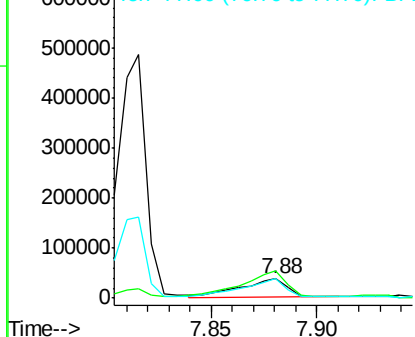


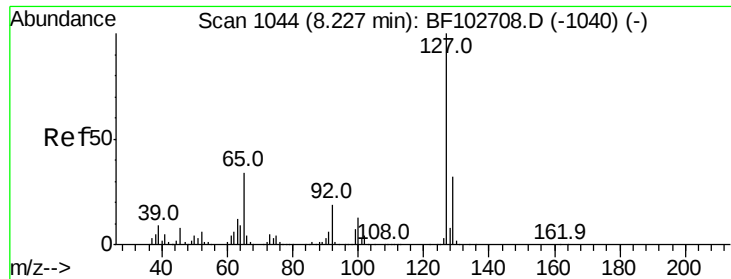
#32
Benzoic acid
Concen: 14.784 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion:122 Resp: 57490
Ion Ratio Lower Upper
122 100
105 137.7 101.1 141.1
77 97.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

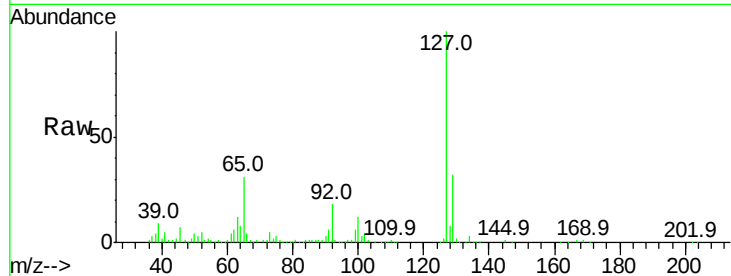




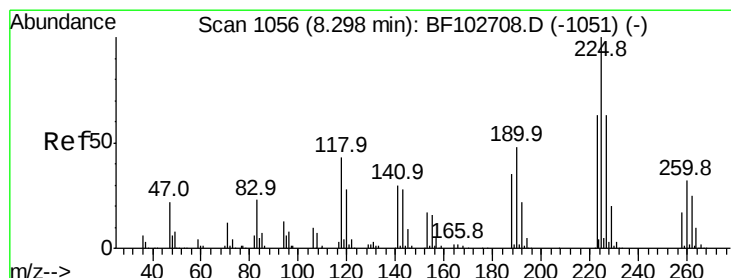
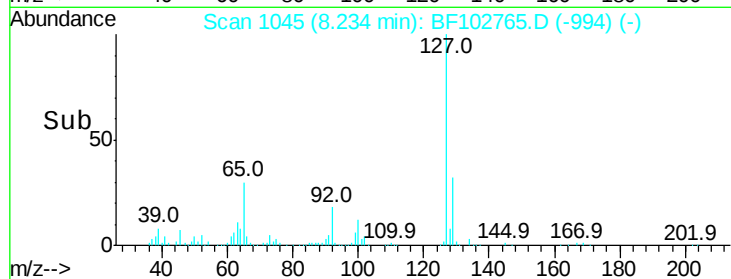
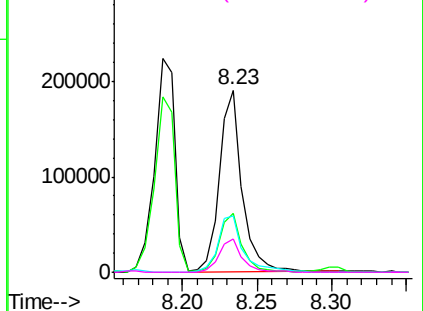
#33
4-Chloroaniline
Concen: 10.988 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	202766
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.9	25.0	37.4
92	18.1	15.2	22.8

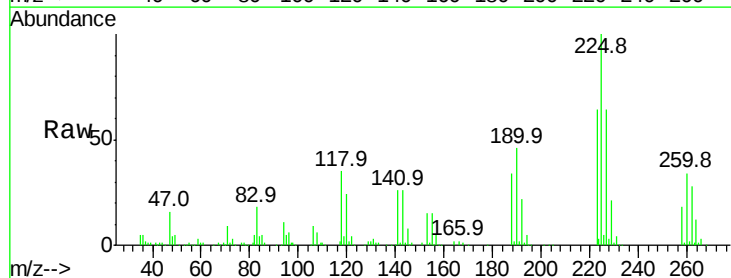


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

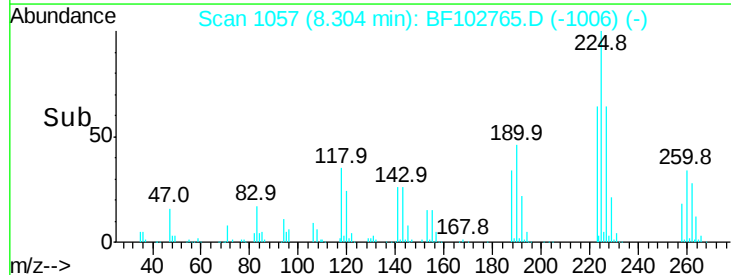
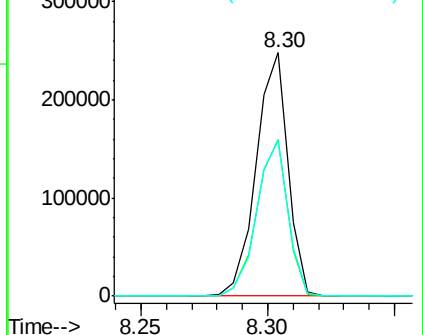


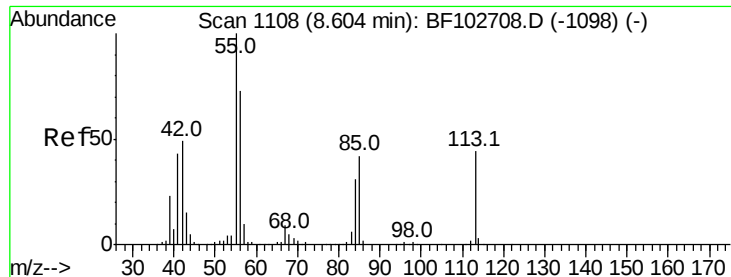
#34
Hexachlorobutadiene
Concen: 33.450 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion:	225	Resp:	216726
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	63.6	51.9	77.9



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

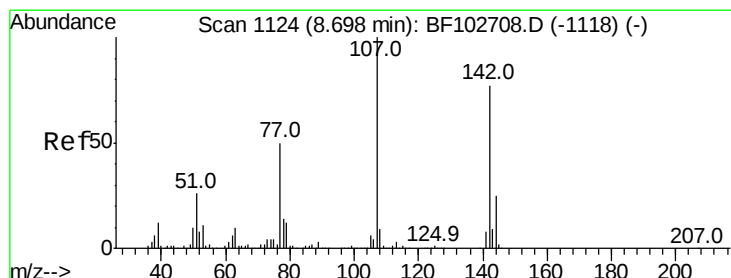
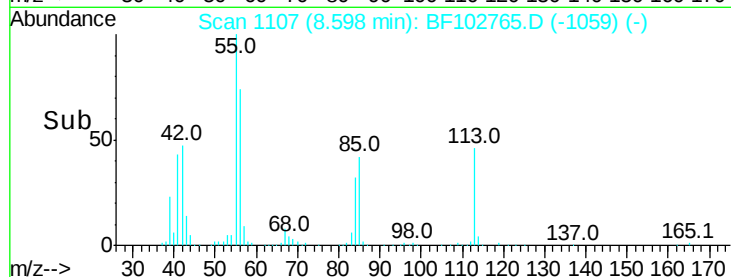
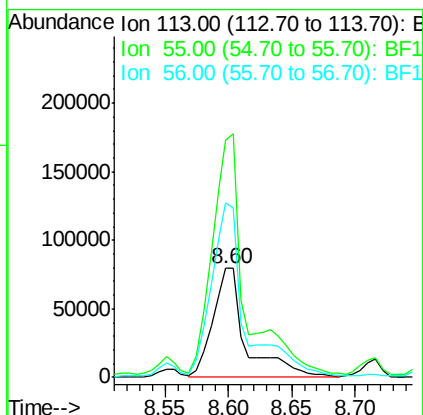
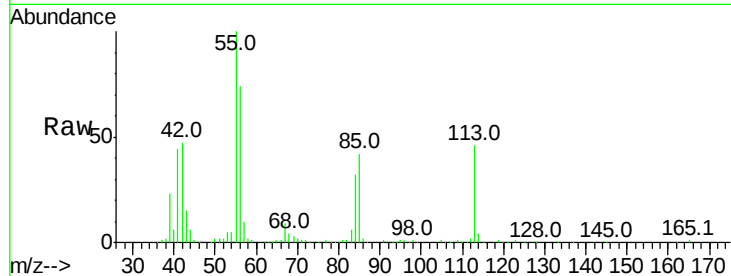




#35
Caprolactam
Concen: 37.512 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

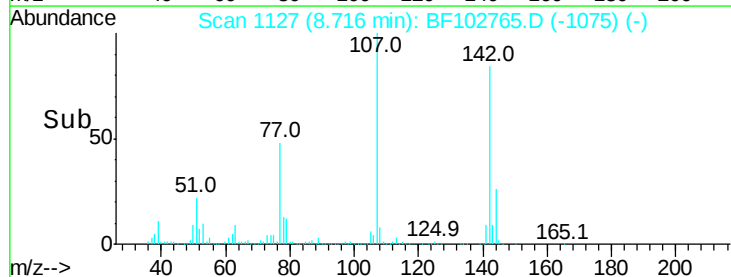
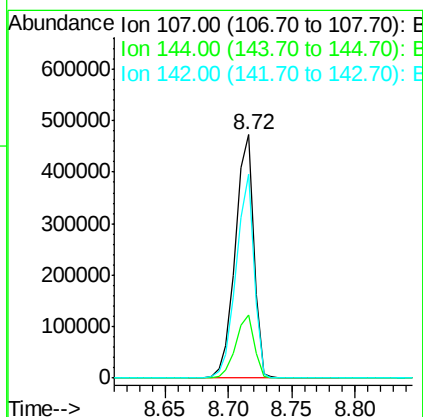
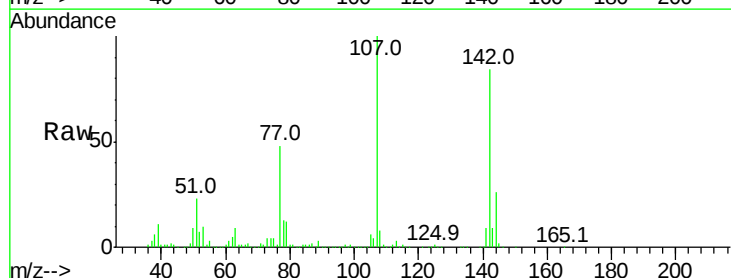
Instrument :
BNA_F
ClientSampleId :

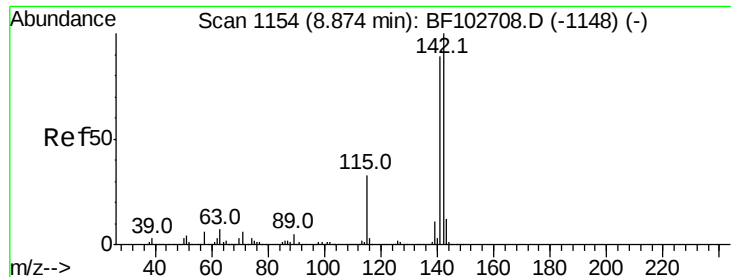
Tot Ion:113 Resp: 145604
Ion Ratio Lower Upper
113 100
55 218.3 163.3 203.3#
56 160.6 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 37.972 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion:107 Resp: 476854
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 83.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.671 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

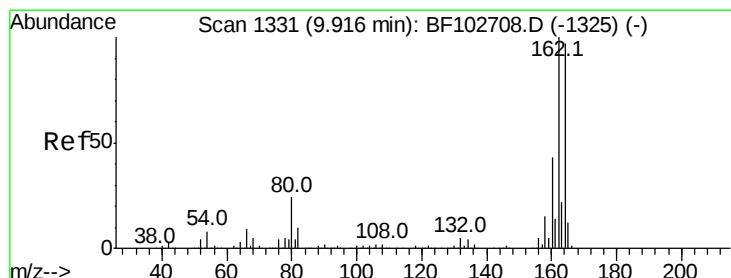
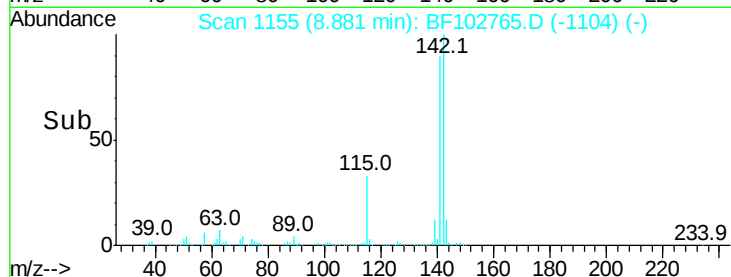
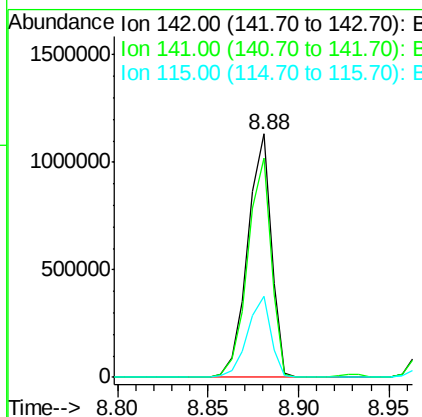
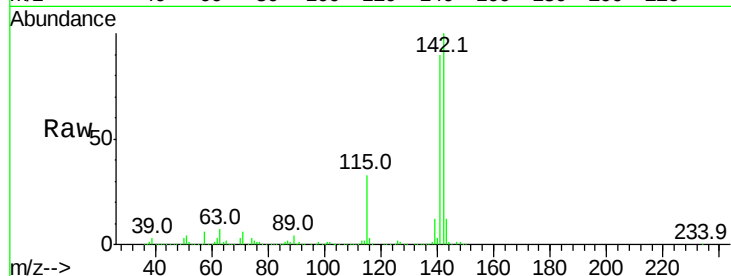
Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1028422

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	33.0	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

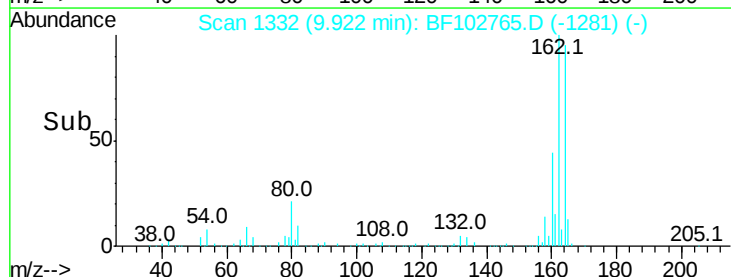
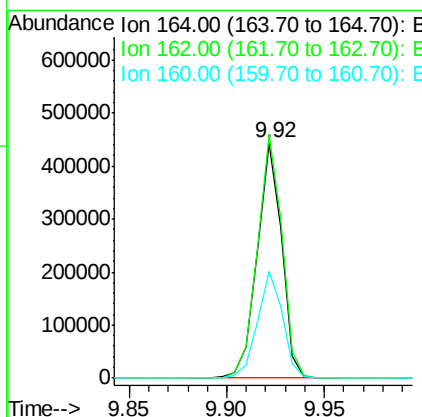
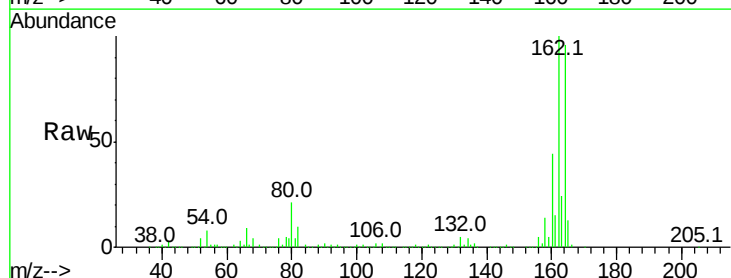
Delta R.T. 0.00 min

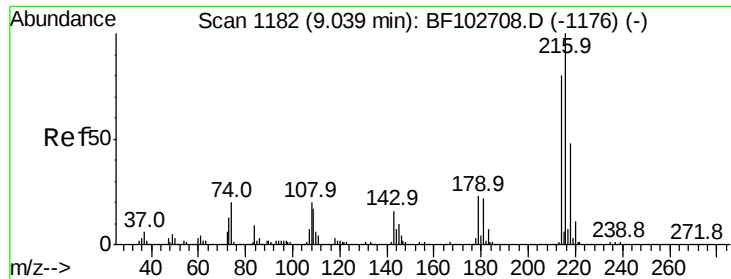
Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tgt Ion:164 Resp: 383625

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.3	38.3	57.5

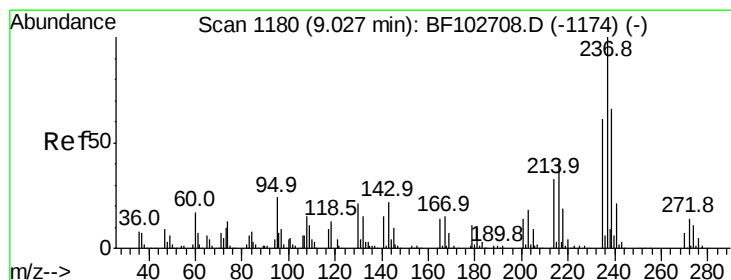
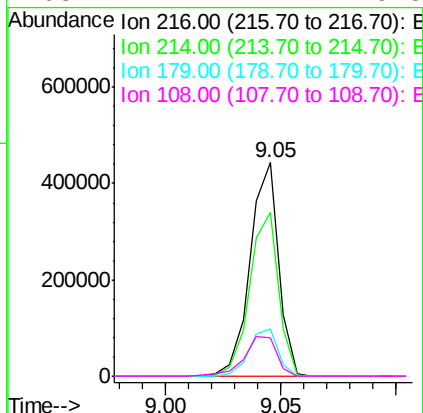
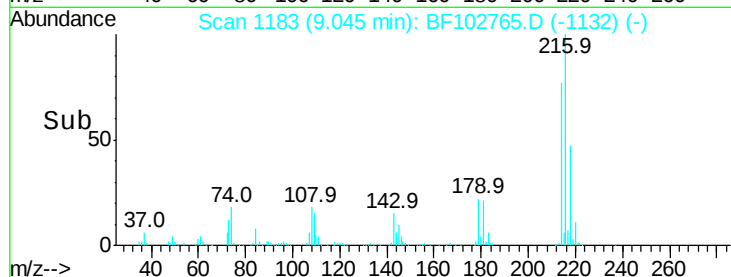
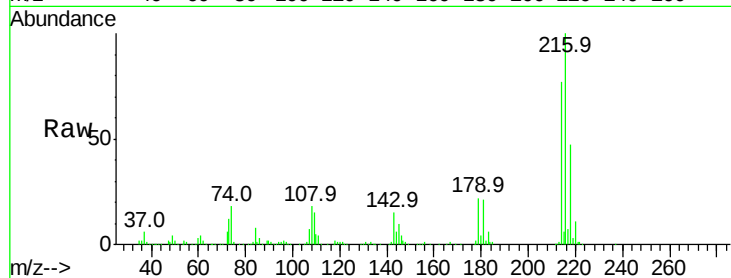




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.694 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

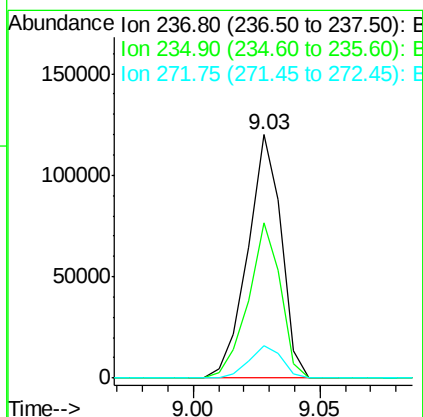
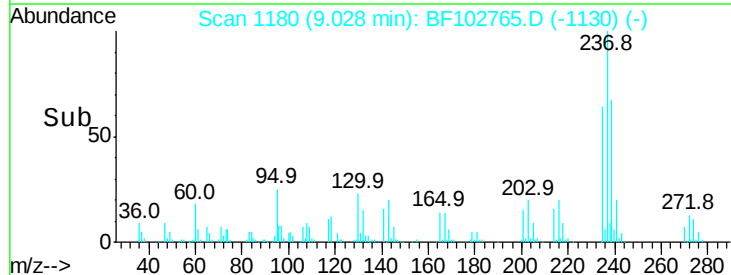
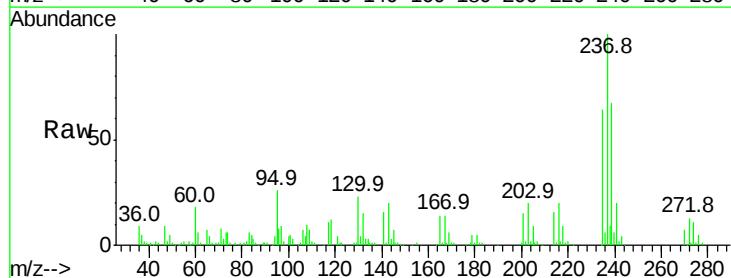
Instrument :
 BNA_F
 ClientSampleId :

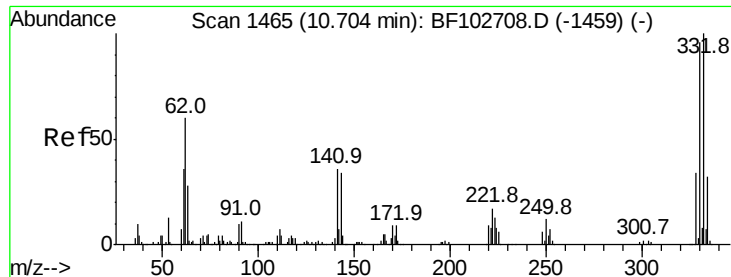
Tot Ion:216 Resp: 383285
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.0 94.4
 179 23.2 18.1 27.1
 108 21.4 17.2 25.8



#40
 Hexachlorocyclopentadiene
 Concen: 22.207 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion:237 Resp: 110272
 Ion Ratio Lower Upper
 237 100
 235 63.9 44.8 84.8
 272 13.3 0.0 33.3

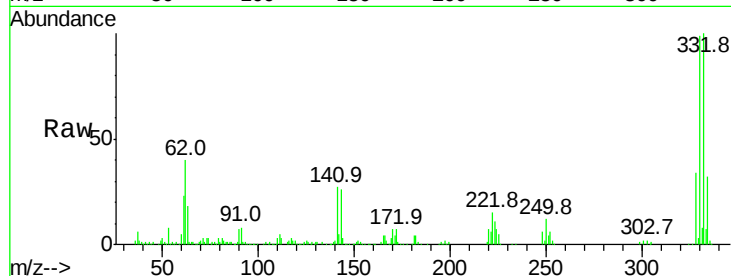




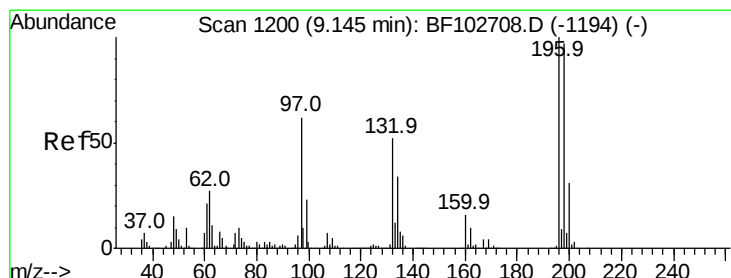
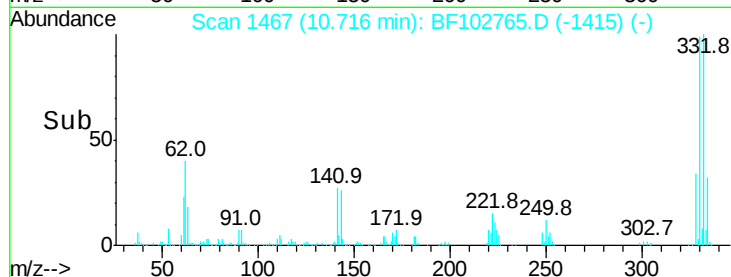
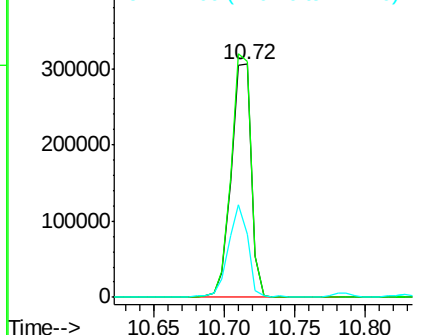
#41
 2,4,6-Tribromophenol
 Concen: 98.582 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.0	77.0	115.6
141	37.7	29.9	44.9

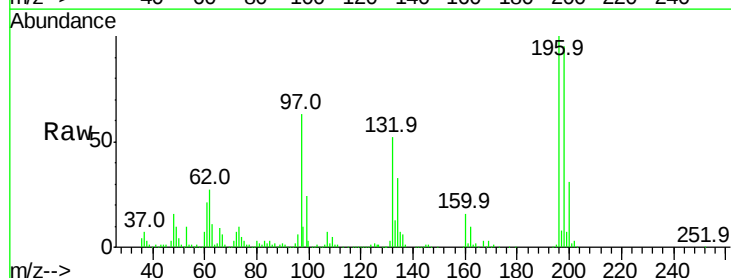


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

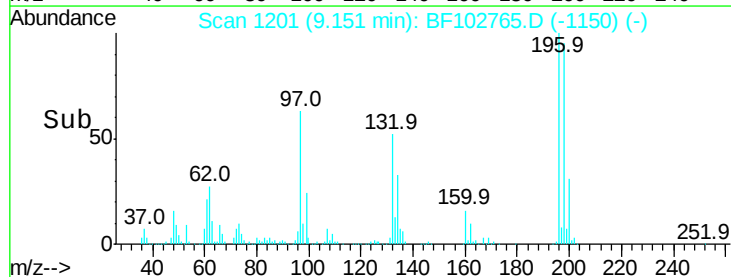
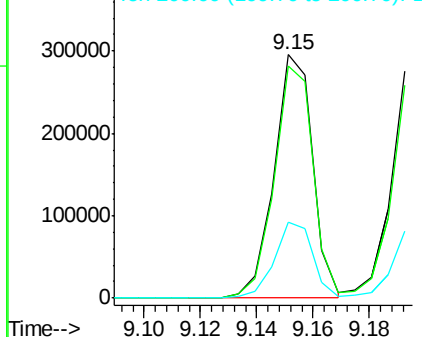


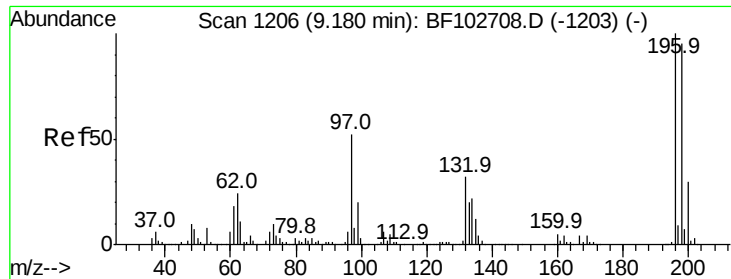
#42
 2,4,6-Trichlorophenol
 Concen: 40.644 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	31.5	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

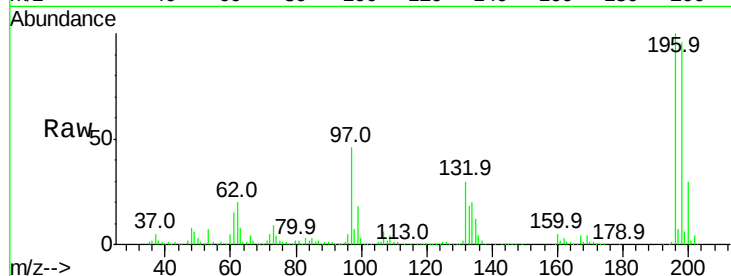




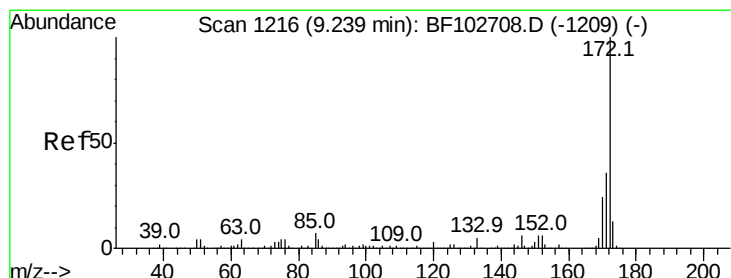
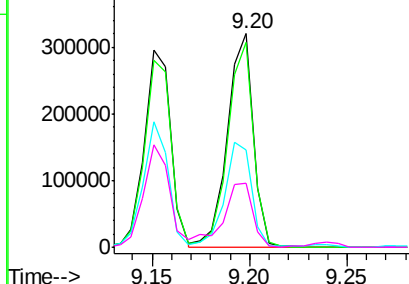
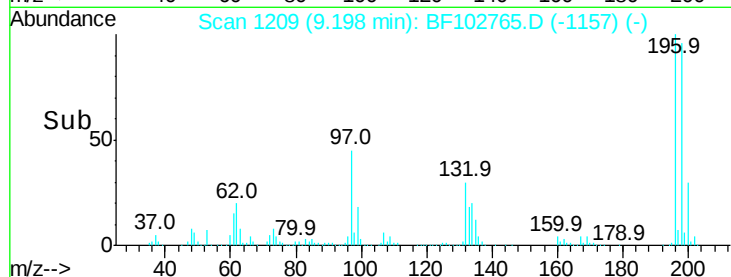
#43
 2,4,5-Trichlorophenol
 Concen: 38.184 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 295273
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.6 112.0
 97 45.7 42.9 64.3
 132 29.8 26.3 39.5

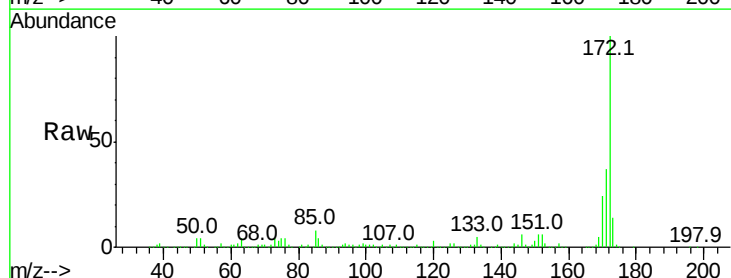


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

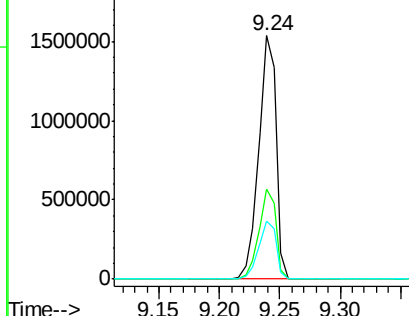
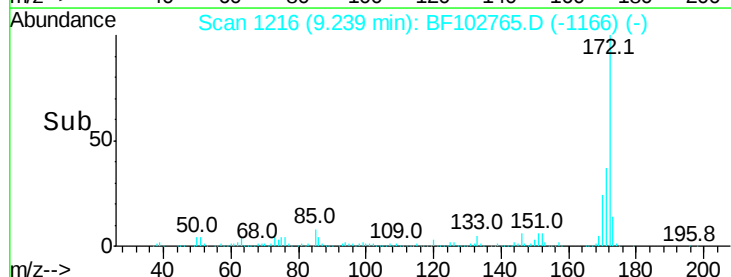


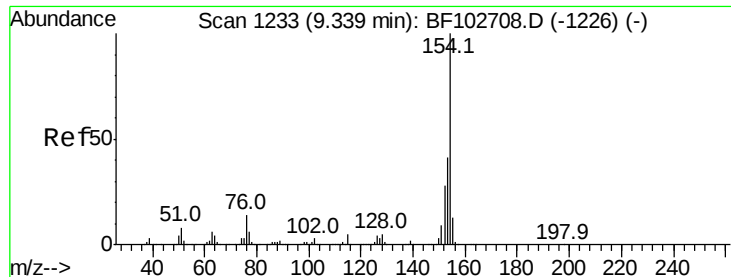
#44
 2-Fluorobiphenyl
 Concen: 67.055 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion:172 Resp: 1550239
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.1 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: 34.430 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

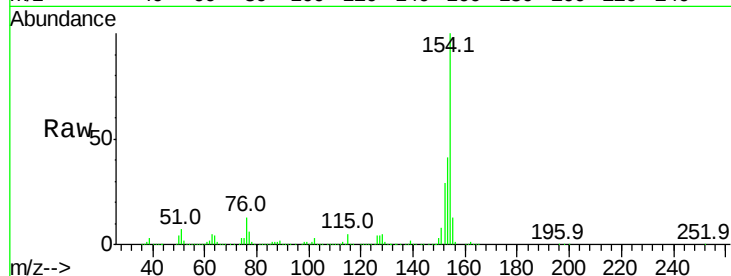
Tot Ion:154 Resp: 1112501

Ion Ratio Lower Upper

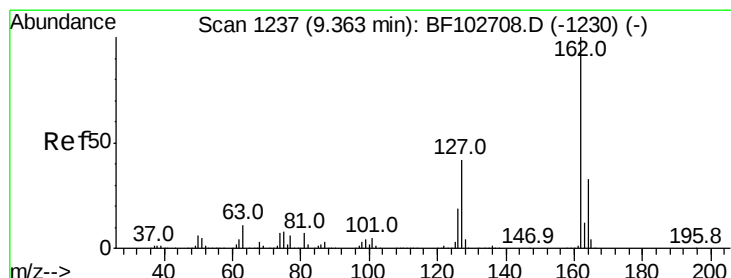
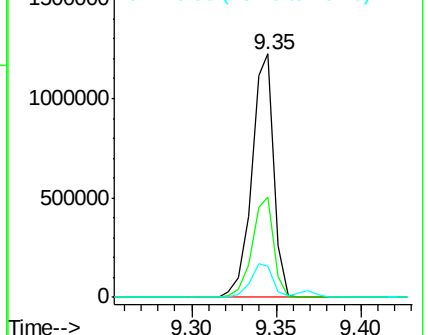
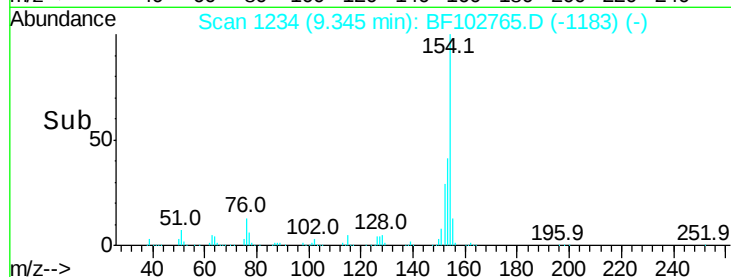
154 100

153 41.4 21.3 61.3

76 13.0 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: 34.747 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

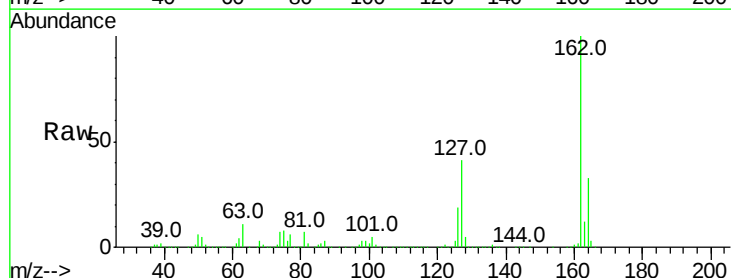
Tgt Ion:162 Resp: 883894

Ion Ratio Lower Upper

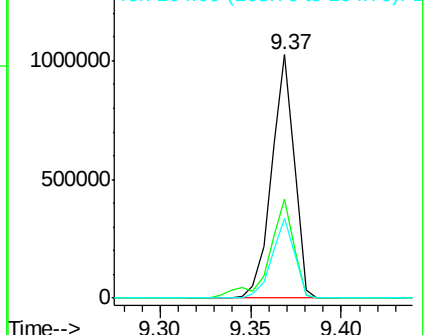
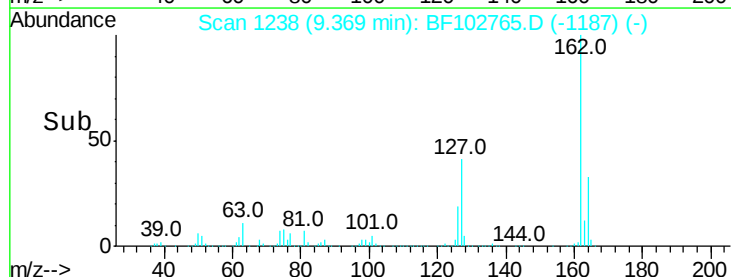
162 100

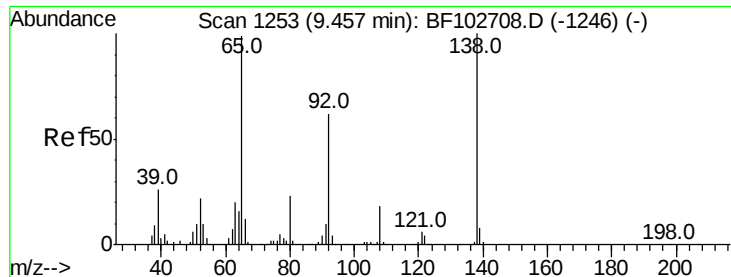
127 40.8 33.9 50.9

164 32.7 26.5 39.7



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





#47

2-Nitroaniline

Concen: 41.847 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampled :

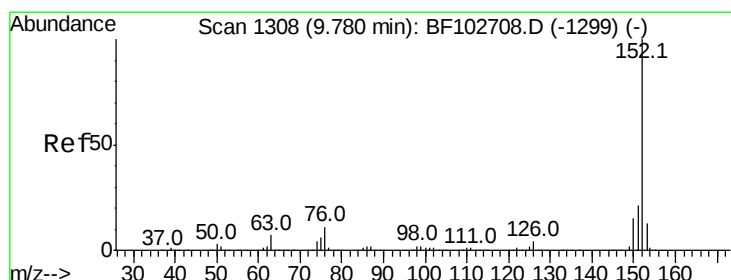
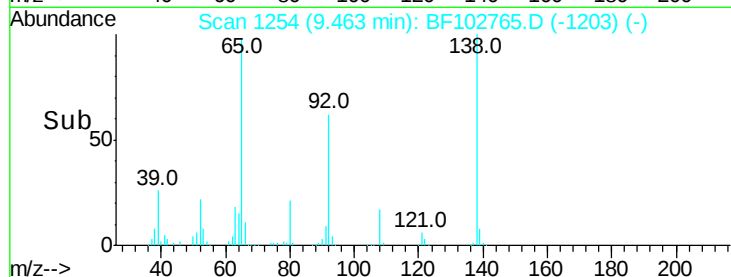
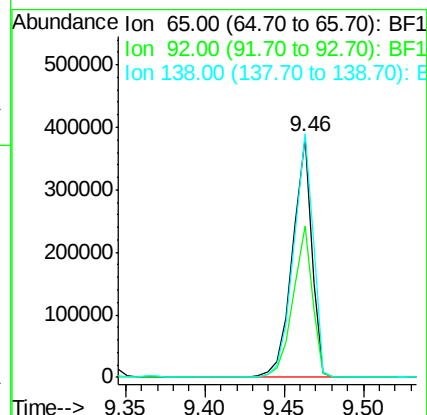
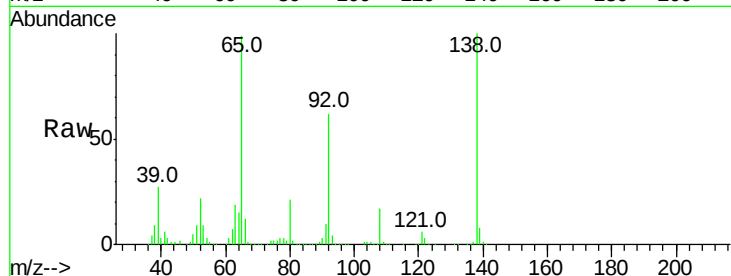
Tot Ion: 65 Resp: 324716

Ion Ratio Lower Upper

65 100

92 63.3 55.8 83.6

138 101.4 91.2 136.8



#48

Acenaphthylene

Concen: 32.727 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

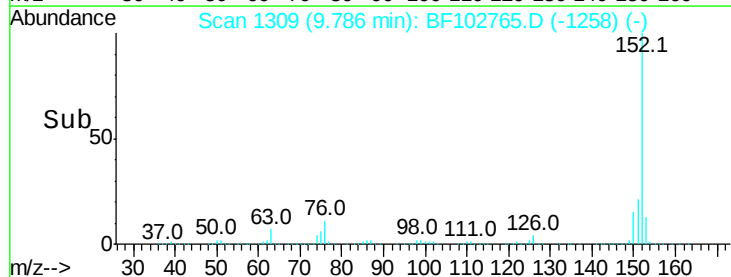
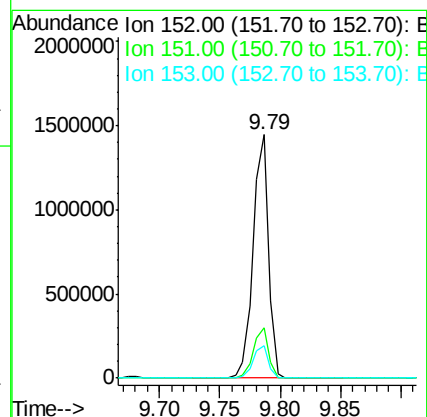
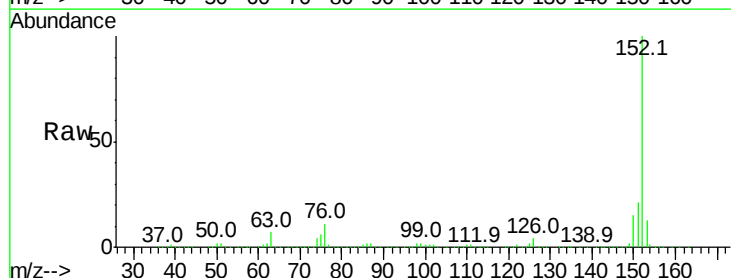
Tgt Ion:152 Resp: 1293048

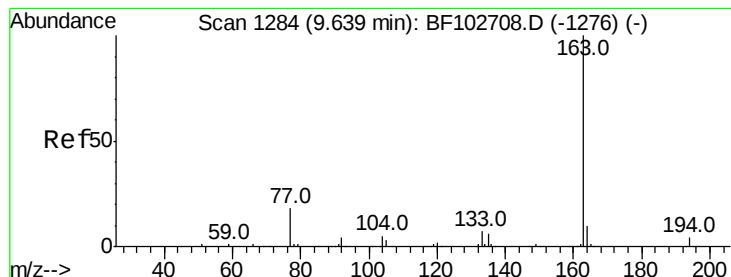
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 41.804 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

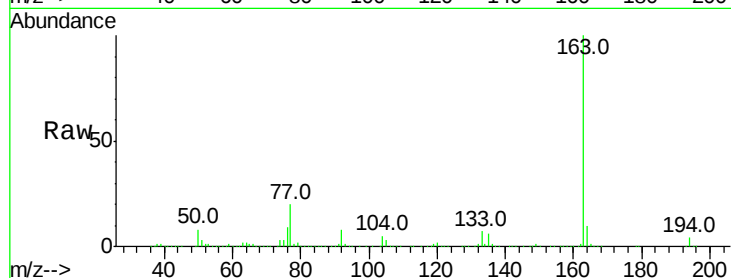
Tot Ion:163 Resp: 1250432

Ion Ratio Lower Upper

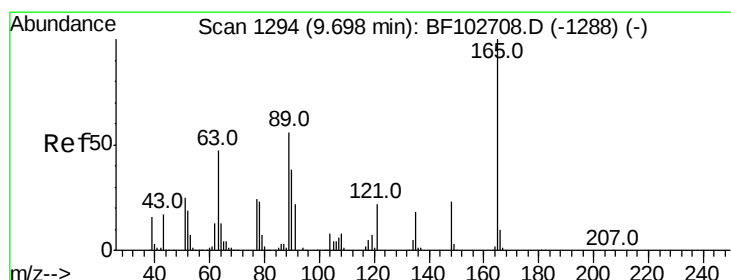
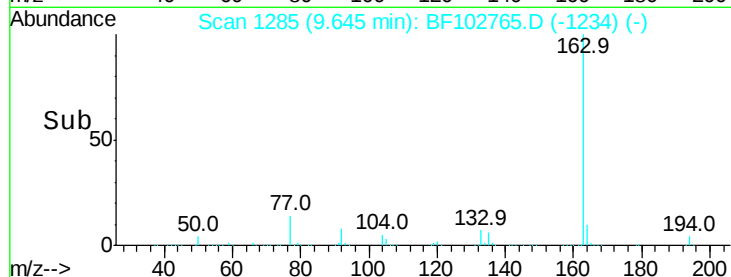
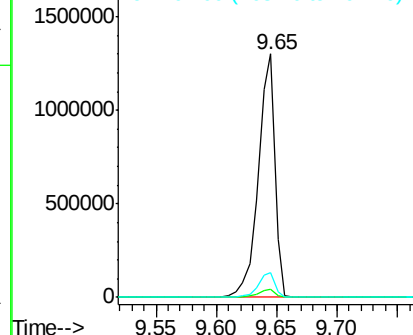
163 100

194 3.5 2.7 4.1

164 10.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 39.500 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

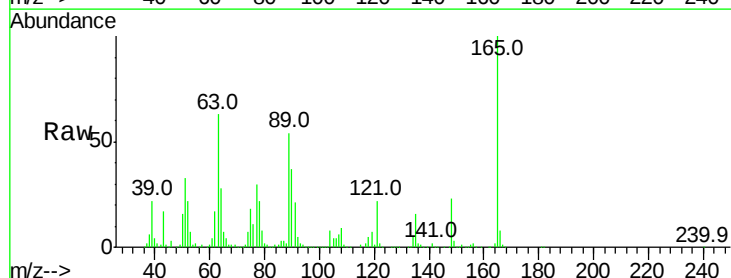
Tgt Ion:165 Resp: 224789

Ion Ratio Lower Upper

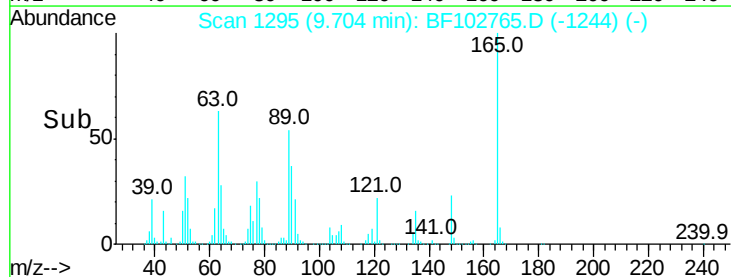
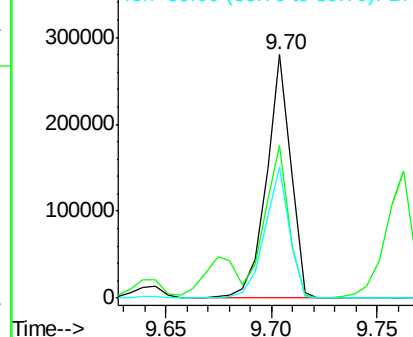
165 100

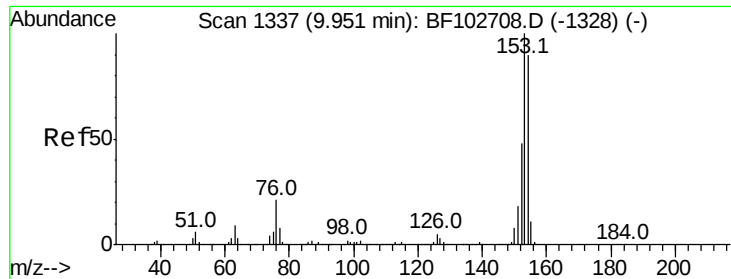
63 62.8 44.7 67.1

89 53.9 44.0 66.0



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





#51

Acenaphthene

Concen: 34.032 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

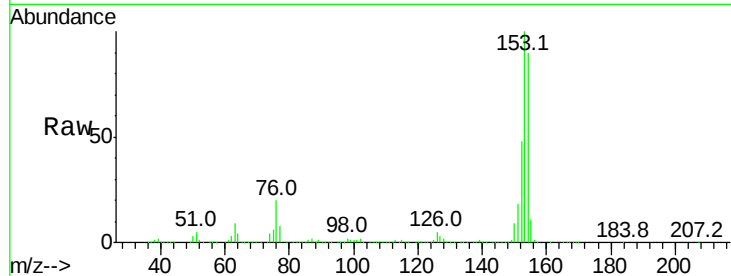
Tot Ion:154 Resp: 804095

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

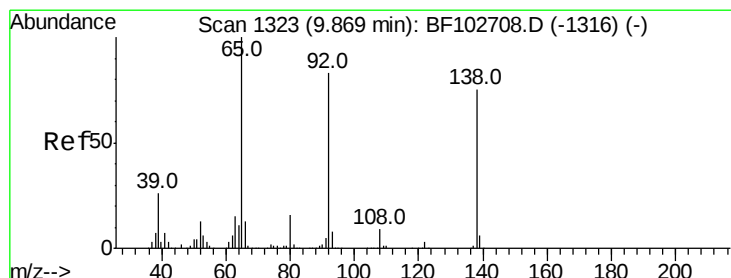
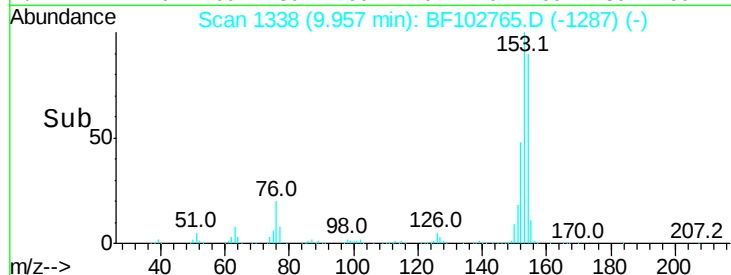
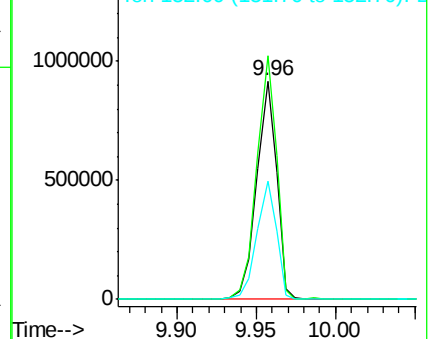
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.150 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

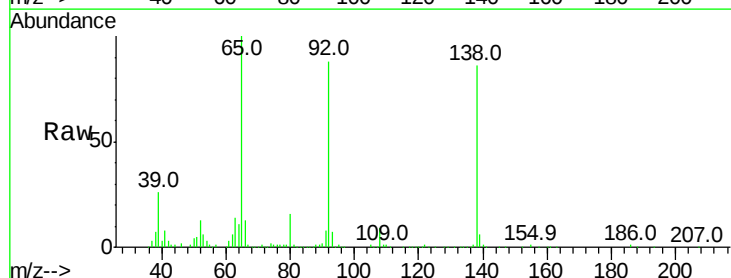
Tgt Ion:138 Resp: 211120

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

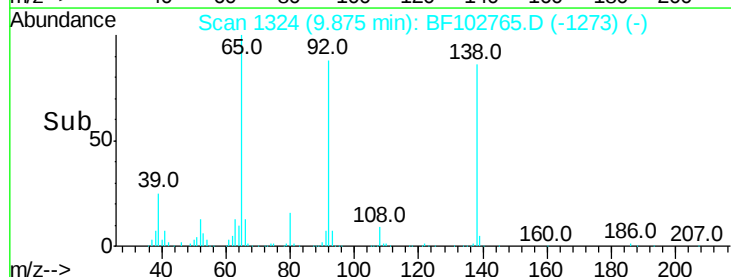
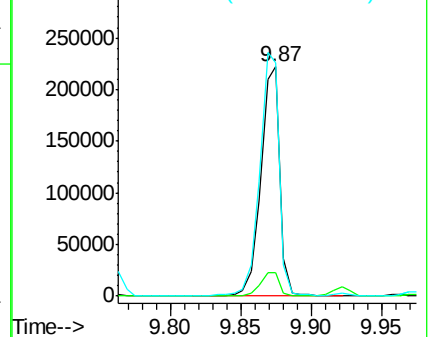
92 101.9 89.4 134.2

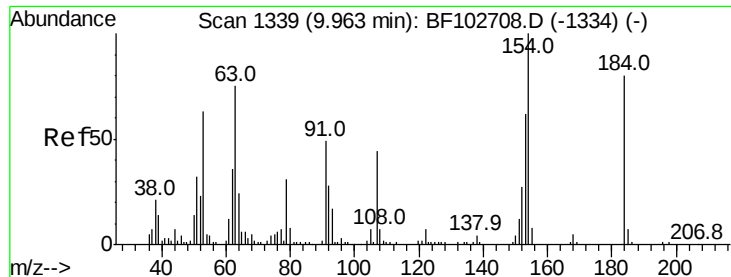


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

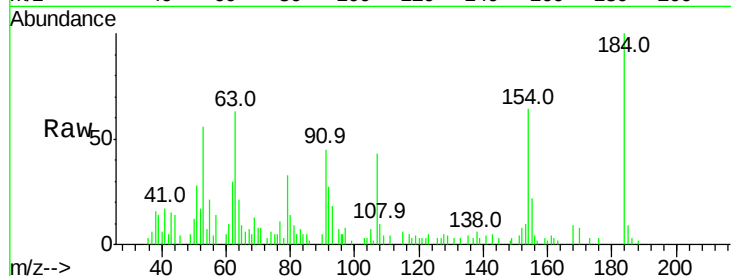




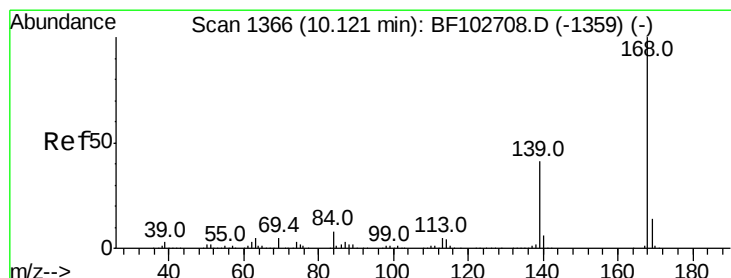
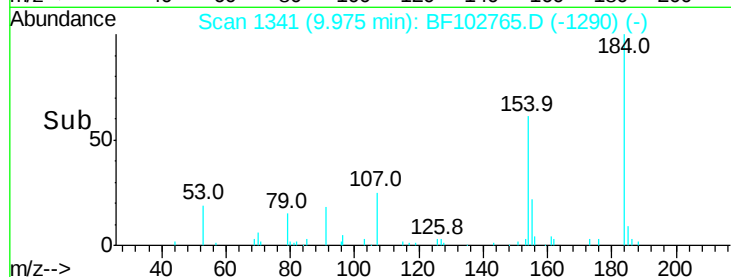
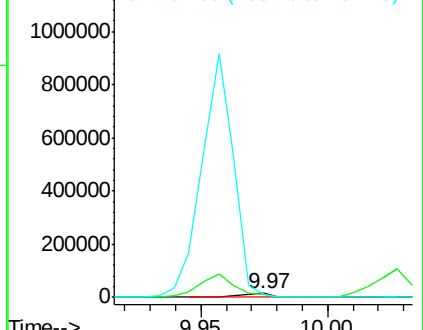
#53
 2,4-Dinitrophenol
 Concen: 19.167 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 12946
 Ion Ratio Lower Upper
 184 100
 63 63.1 54.2 81.2
 154 64.5 184.0 276.0#

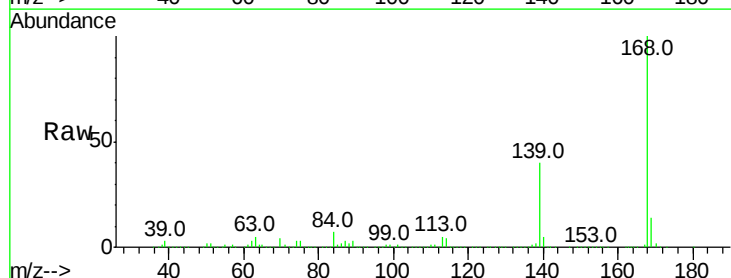


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

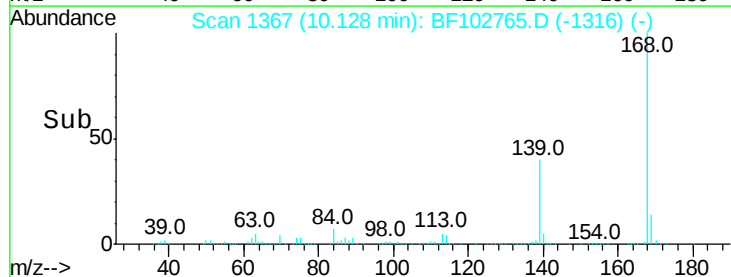
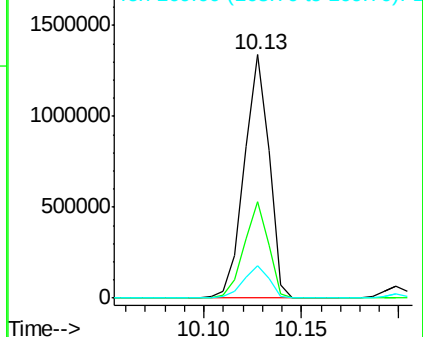


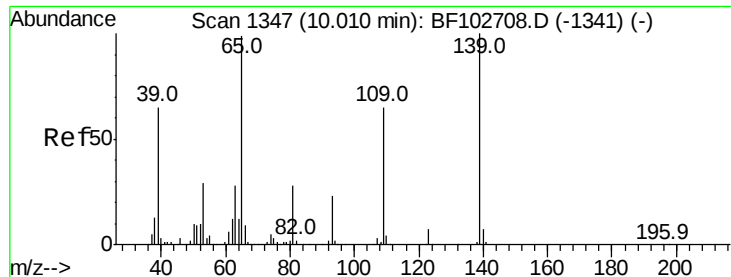
#54
 Dibenzofuran
 Concen: 35.429 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion:168 Resp: 1179720
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.1 45.1
 169 13.5 10.9 16.3



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

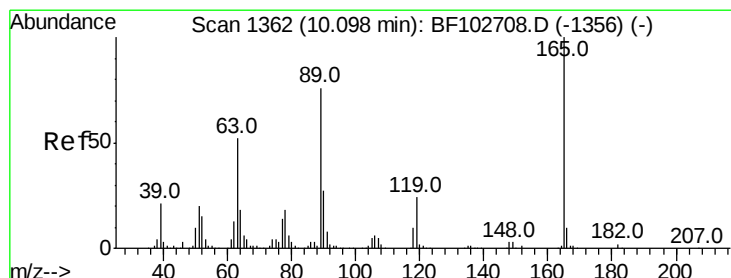
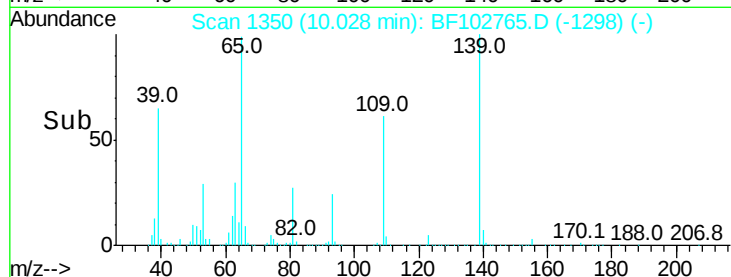
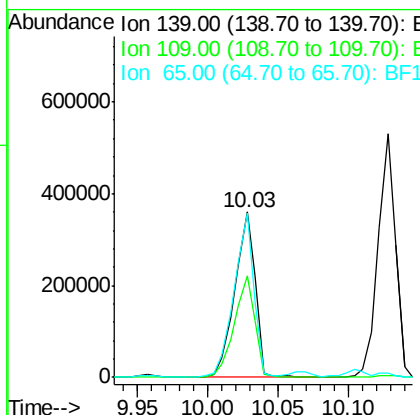
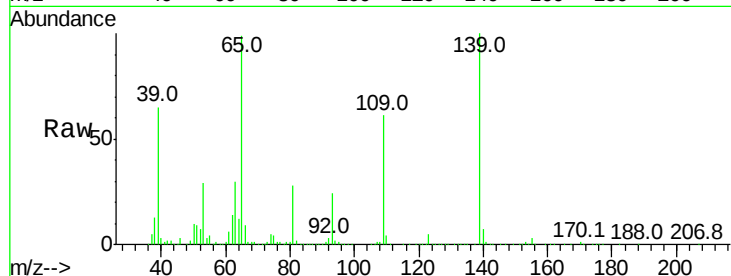




#55
4-Nitrophenol
Concen: 64.049 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

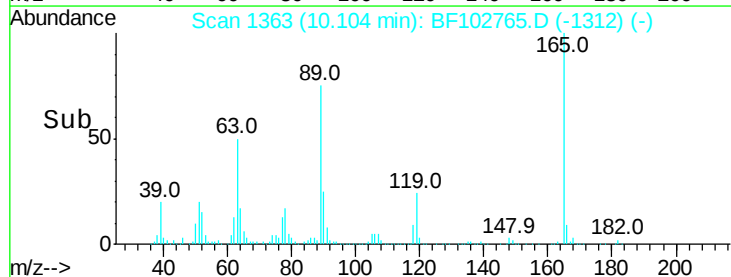
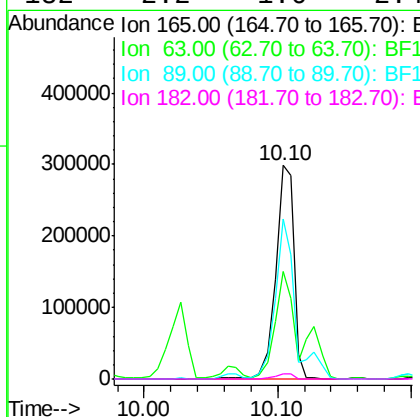
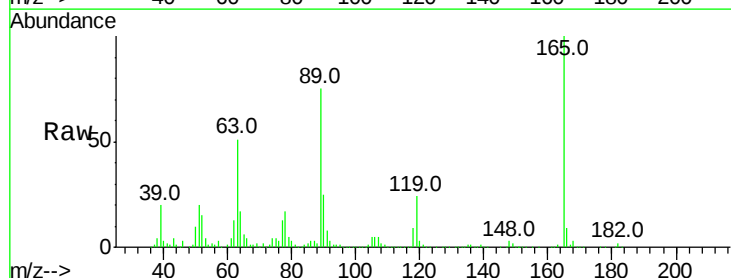
Instrument :
BNA_F
ClientSampleId :

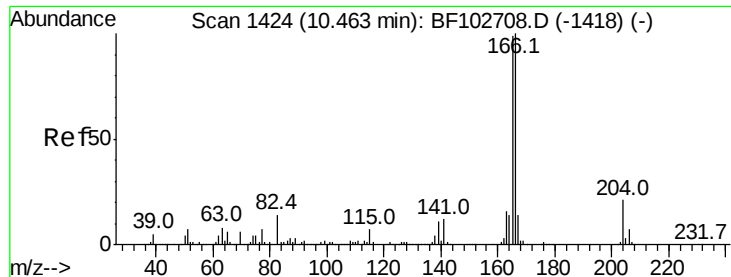
Tot Ion:139 Resp: 363700
Ion Ratio Lower Upper
139 100
109 61.2 48.4 88.4
65 99.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.390 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion:165 Resp: 287982
Ion Ratio Lower Upper
165 100
63 50.6 36.4 54.6
89 74.7 57.8 86.6
182 2.2 1.6 2.4

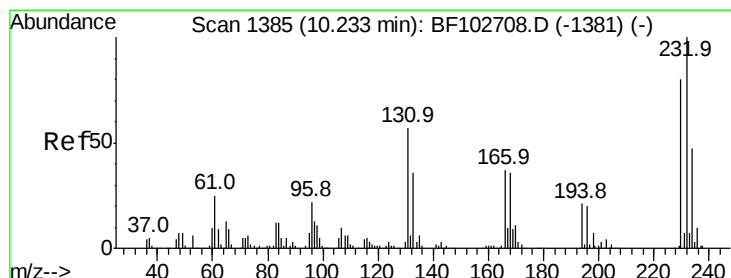
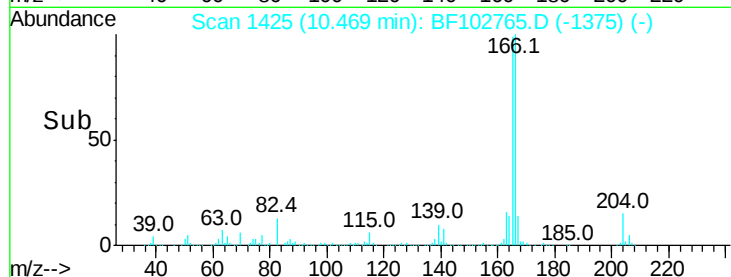
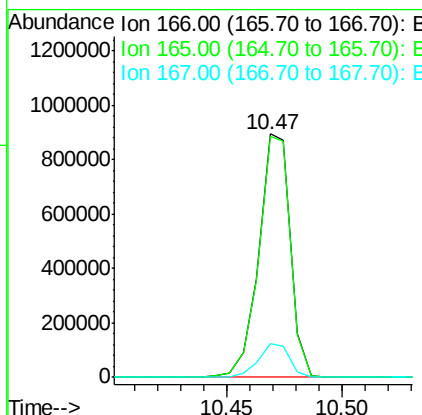
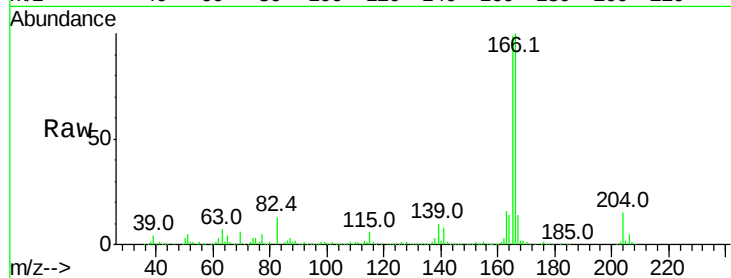




#57
 Fluorene
 Concen: 35.102 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

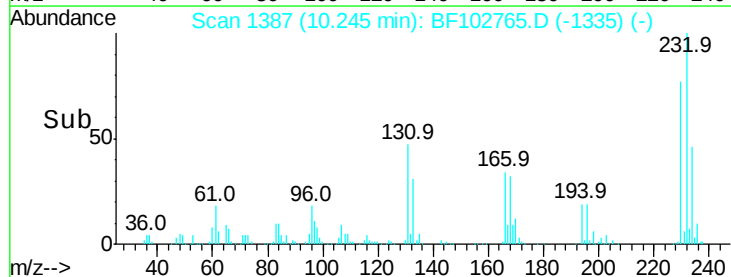
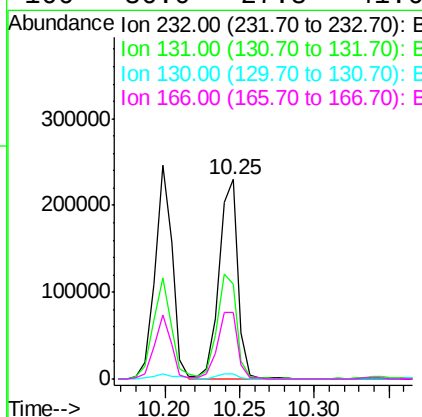
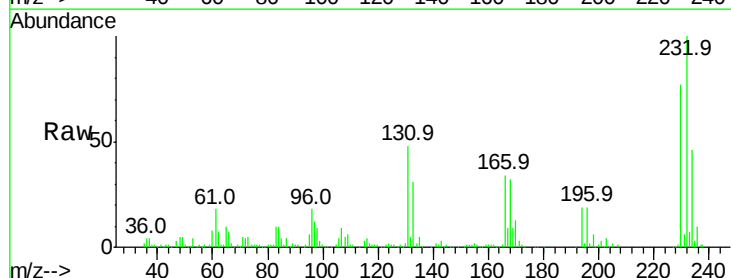
Instrument :
 BNA_F
 ClientSampleId :

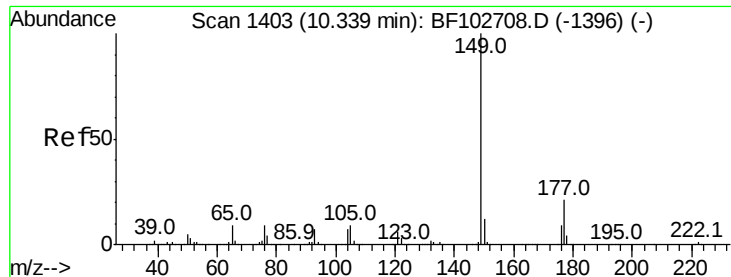
Tot Ion:166 Resp: 850407
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.436 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion:232 Resp: 205997
 Ion Ratio Lower Upper
 232 100
 131 53.6 43.8 65.8
 130 3.0 2.1 3.1
 166 36.0 27.8 41.6

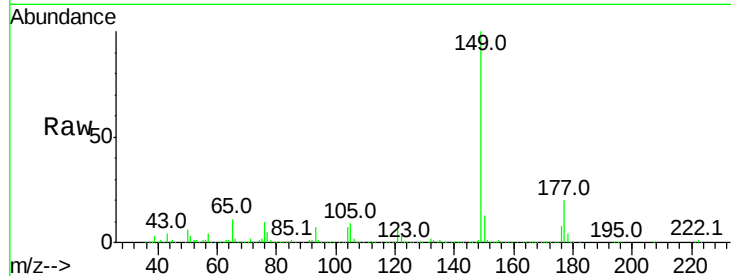




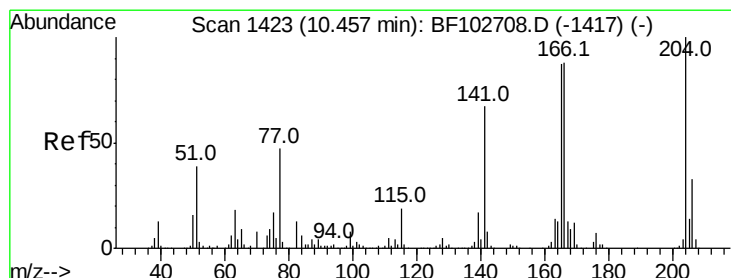
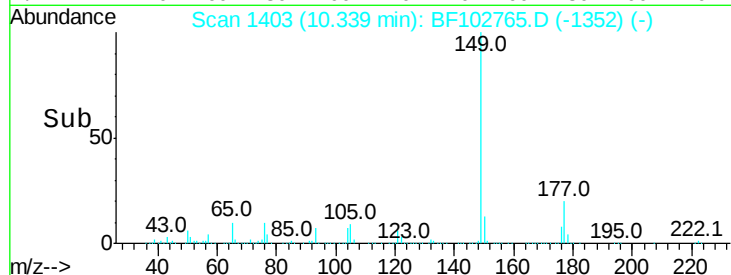
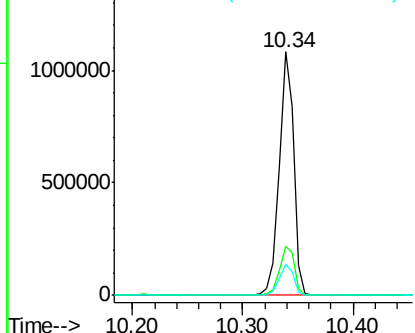
#59
Diethylphthalate
Concen: 33.713 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 995736
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 12.6 10.1 15.1

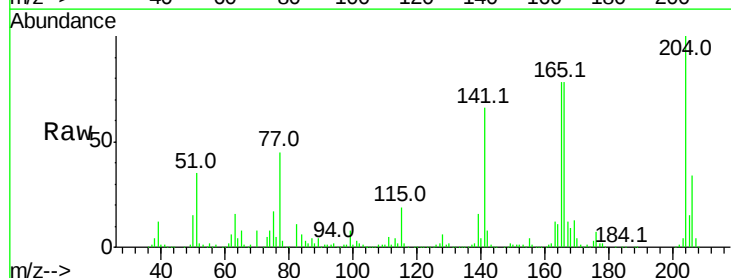


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

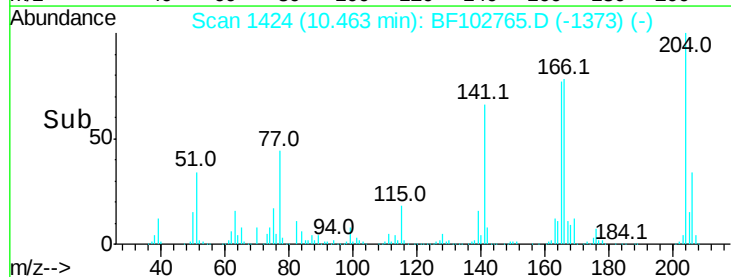
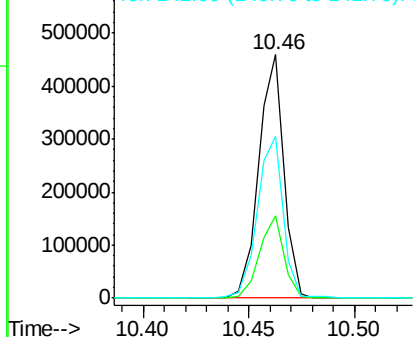


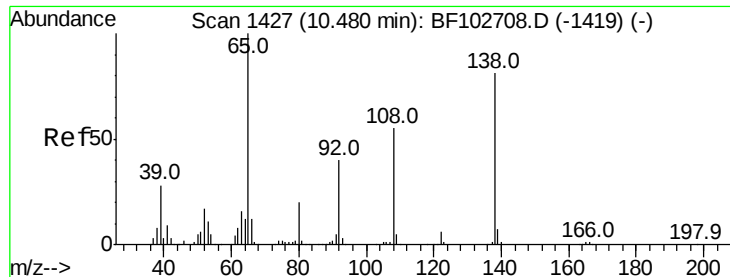
#60
4-Chlorophenyl-phenylether
Concen: 35.461 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion:204 Resp: 380040
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 66.2 54.6 81.8



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

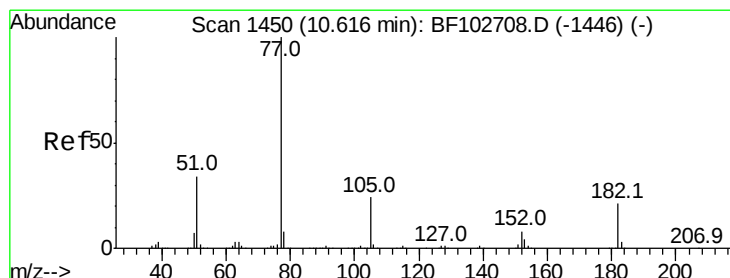
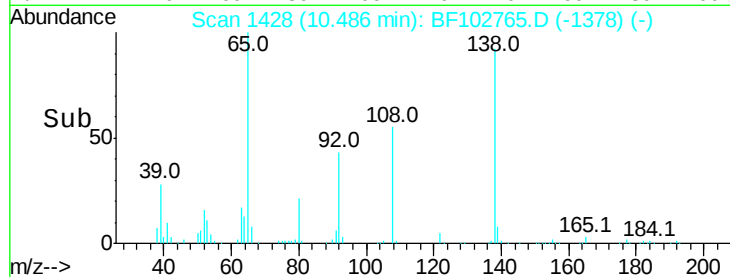
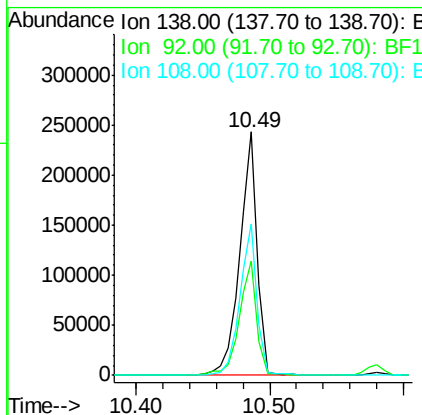
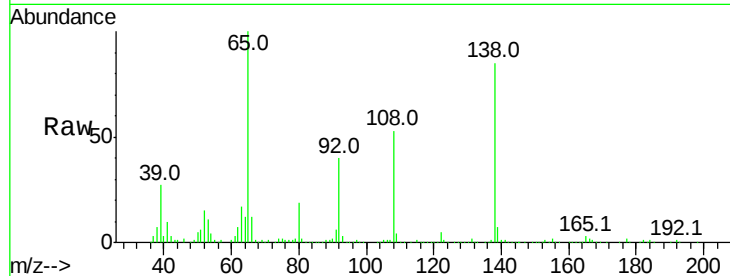




#61
4-Nitroaniline
Concen: 33.241 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

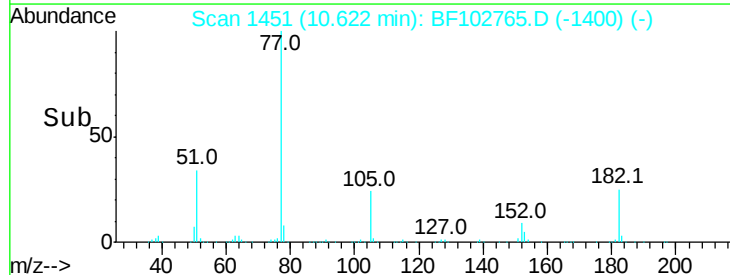
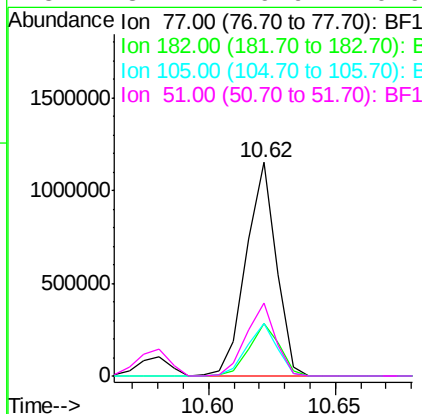
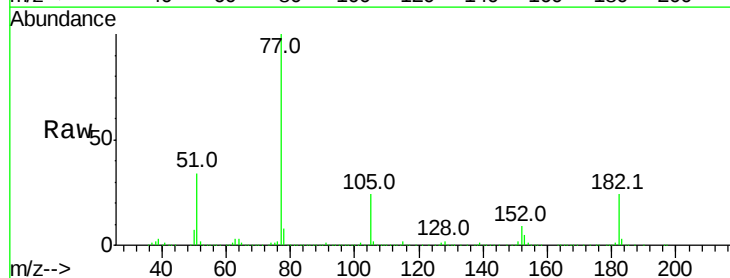
Instrument :
BNA_F
ClientSampleId :

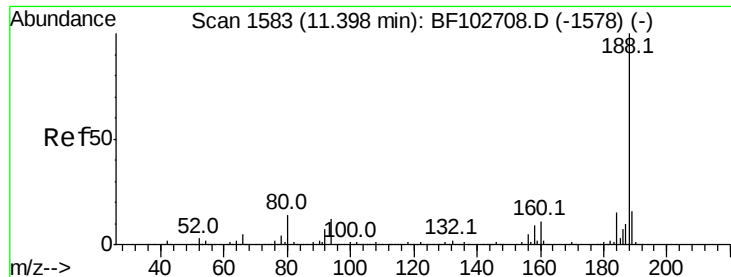
Tot Ion:138 Resp: 221557
Ion Ratio Lower Upper
138 100
92 46.7 30.2 70.2
108 62.1 52.5 92.5



#62
Azobenzene
Concen: 32.311 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion: 77 Resp: 953373
Ion Ratio Lower Upper
77 100
182 24.4 1.7 41.7
105 24.4 3.0 43.0
51 34.2 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

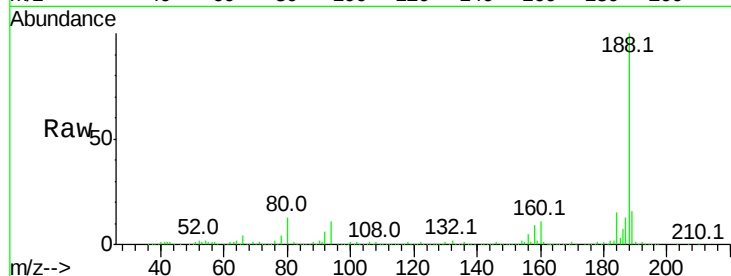
Tot Ion:188 Resp: 566086

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

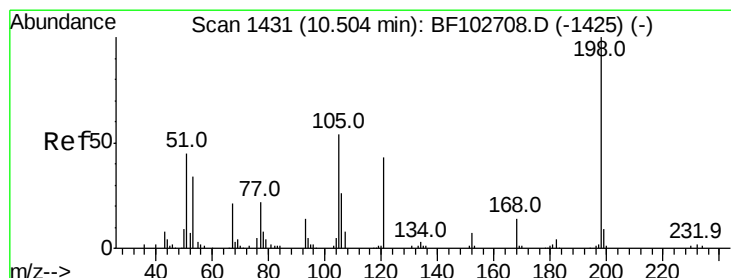
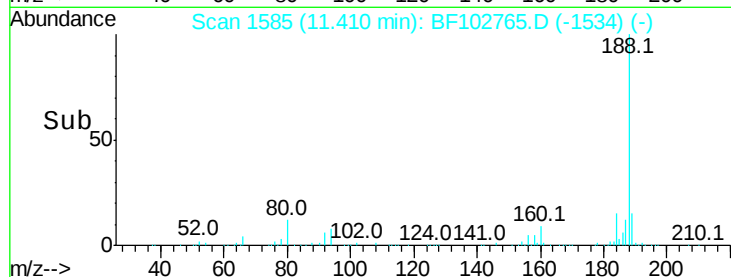
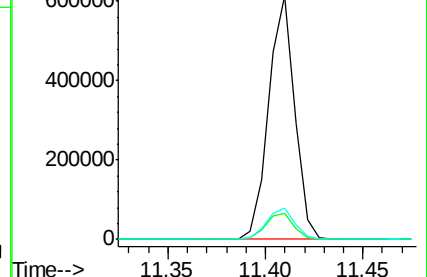
80 12.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 16.825 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

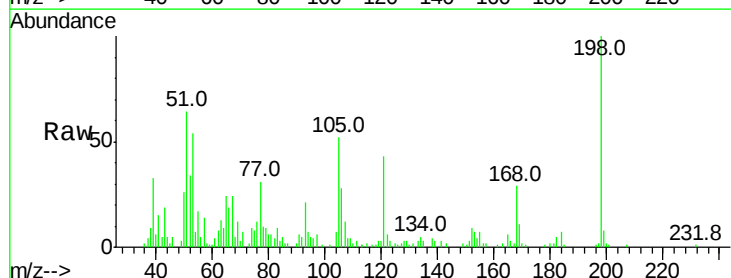
Tgt Ion:198 Resp: 20976

Ion Ratio Lower Upper

198 100

51 64.1 37.7 77.7

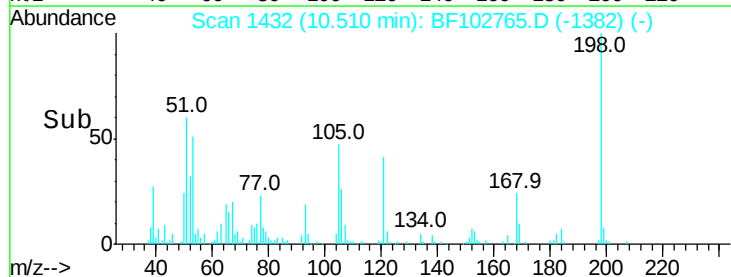
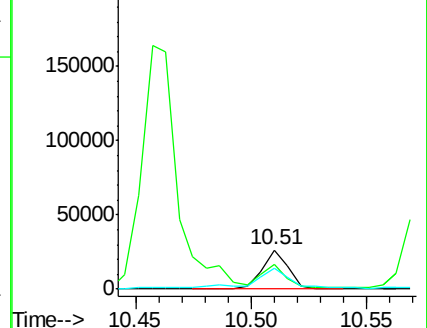
105 52.3 36.3 76.3

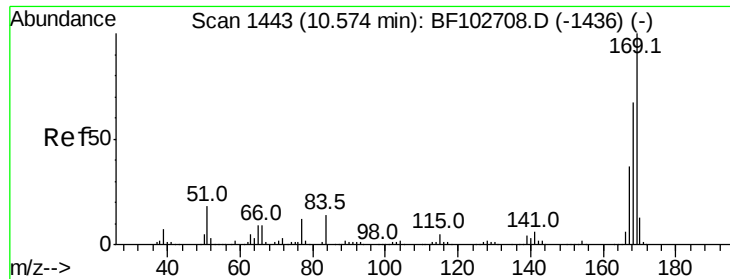


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.787 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

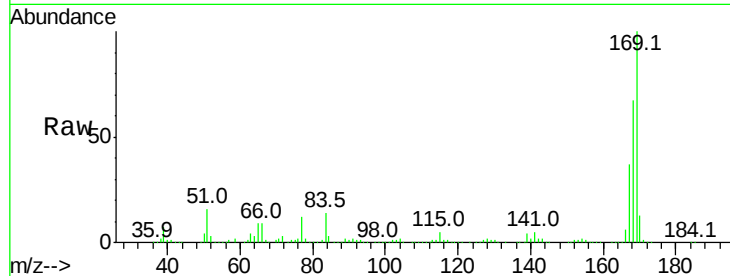
Tot Ion:169 Resp: 794440

Ion Ratio Lower Upper

169 100

168 67.5 54.4 81.6

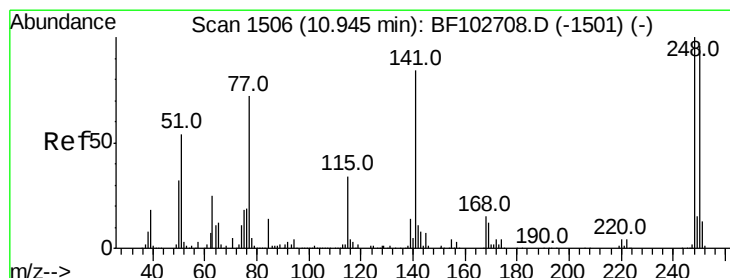
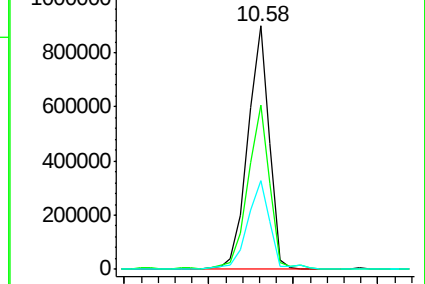
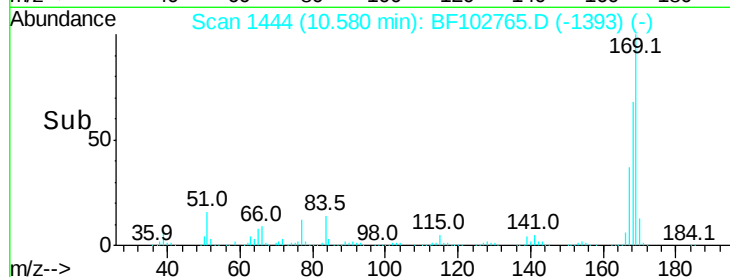
167 36.7 29.8 44.6



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: 39.452 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

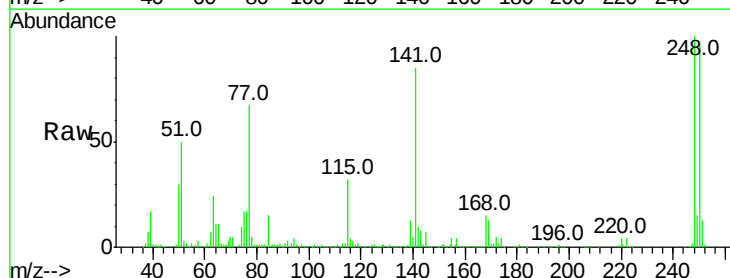
Tgt Ion:248 Resp: 236242

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

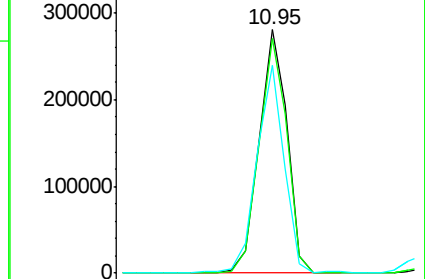
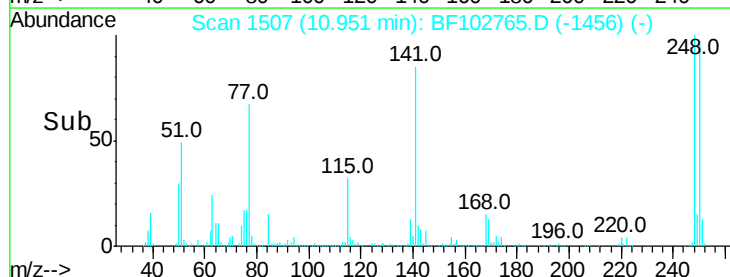
141 85.3 74.4 111.6

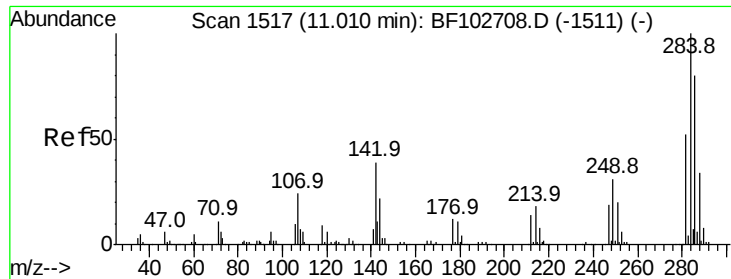


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

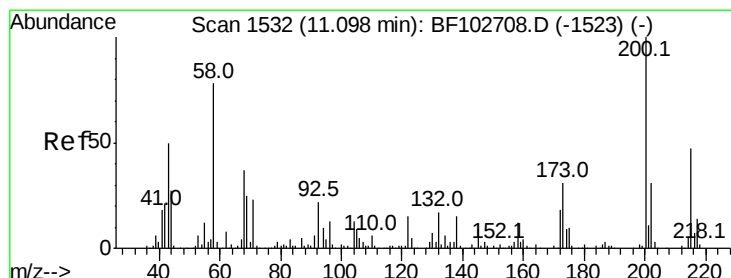
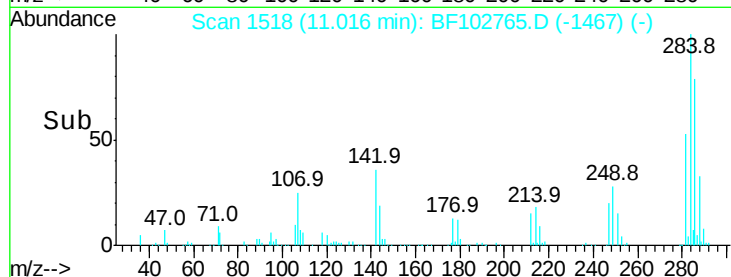
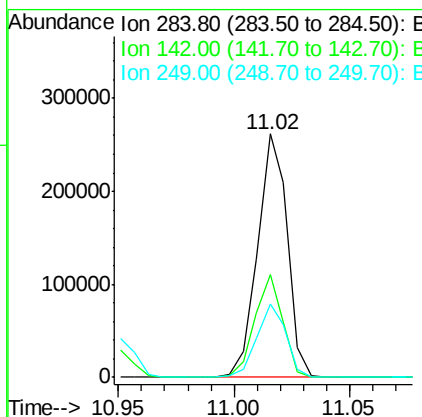
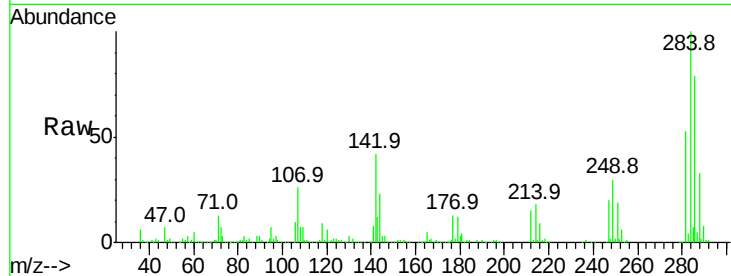




#67
Hexachlorobenzene
Concen: 35.402 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

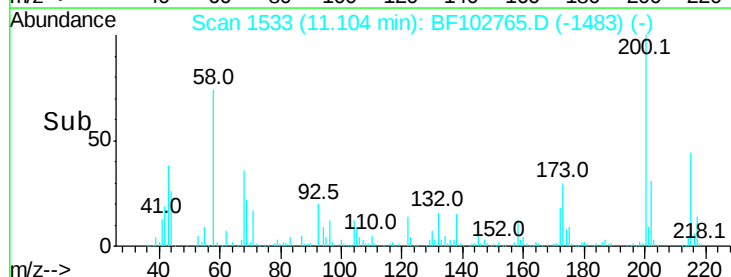
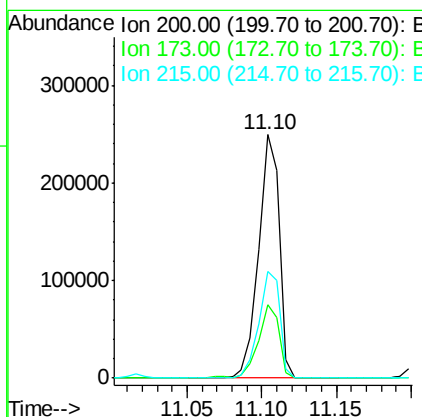
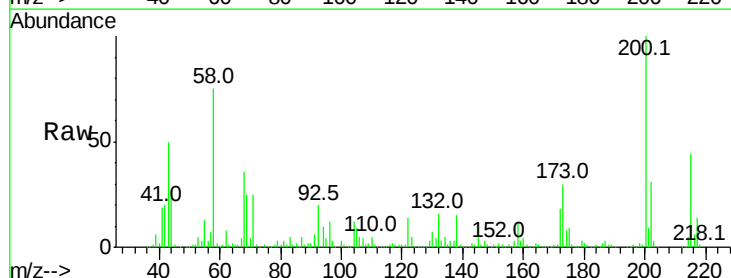
Instrument :
BNA_F
ClientSampleId :

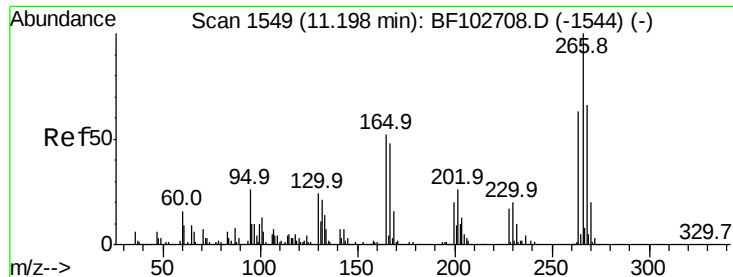
Tot Ion:284 Resp: 233868
Ion Ratio Lower Upper
284 100
142 42.0 34.6 52.0
249 30.3 24.8 37.2



#68
Atrazine
Concen: 39.954 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion:200 Resp: 235354
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 43.9 25.1 65.1

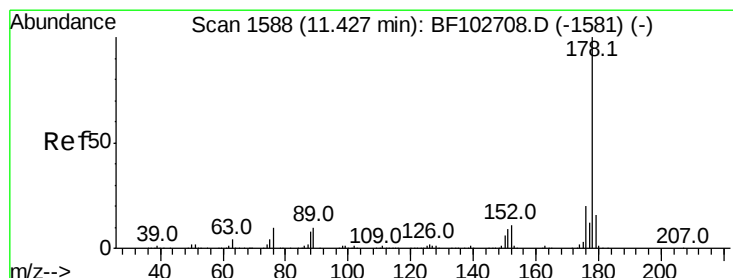
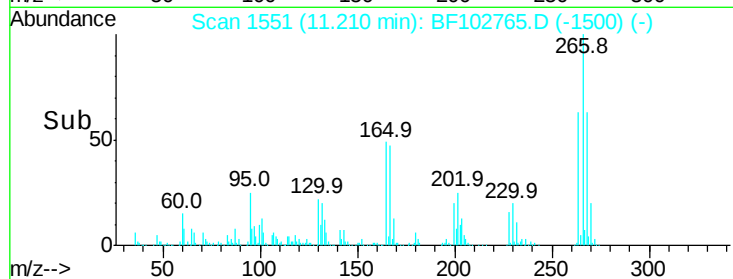
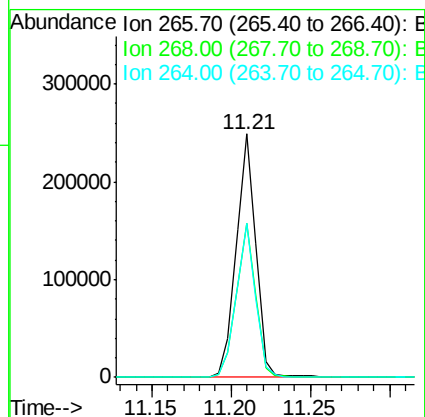
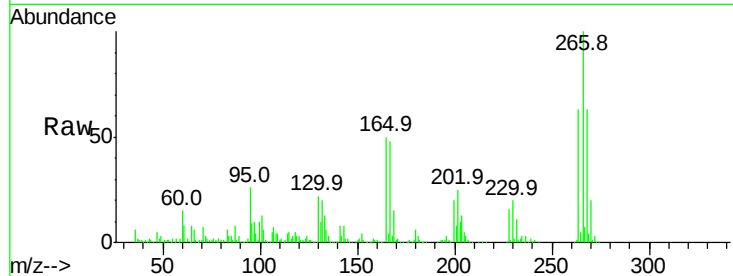




#69
 Pentachlorophenol
 Concen: 55.232 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

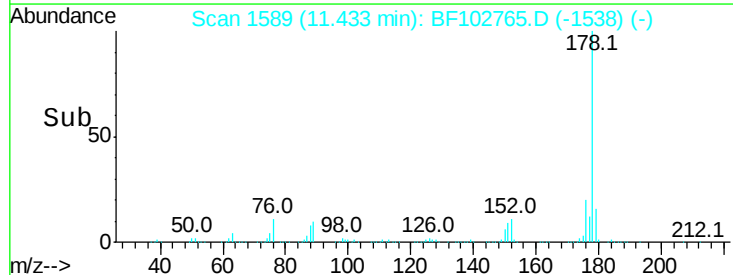
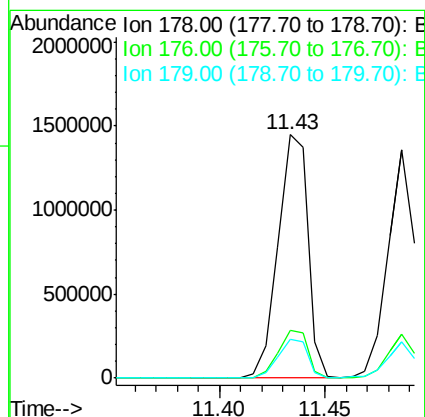
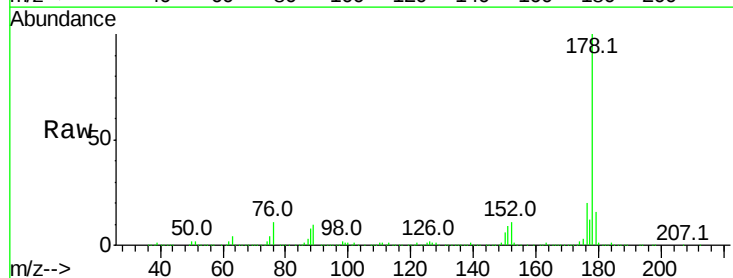
Instrument :
 BNA_F
 ClientSampleId :

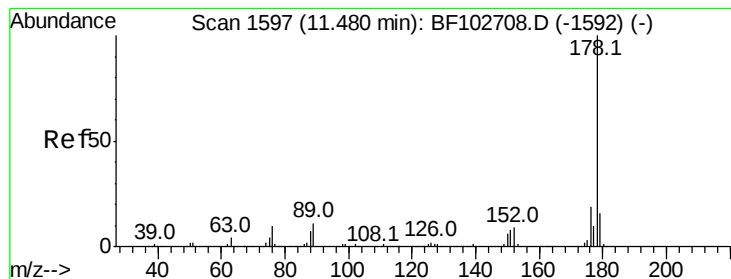
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.1	49.5	74.3



#70
 Phenanthrene
 Concen: 45.273 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.1	13.0	19.6





#71

Anthracene

Concen: 37.249 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

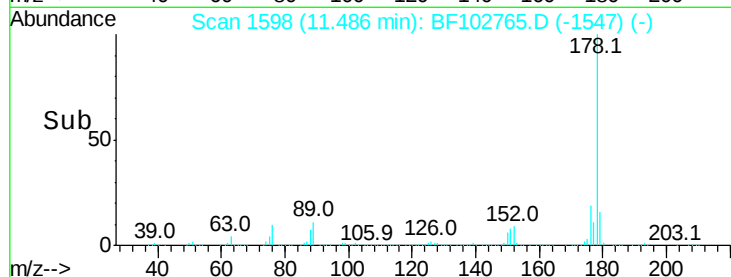
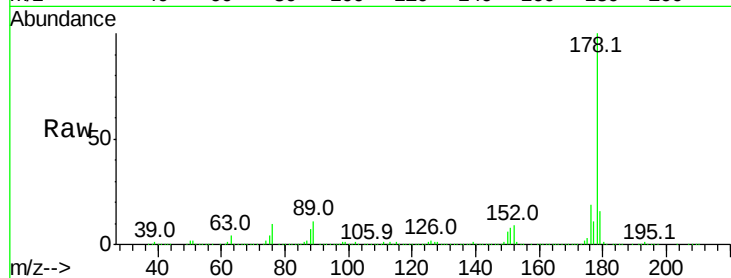
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1194423

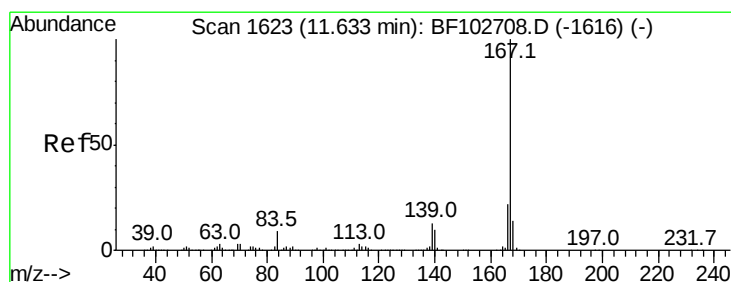
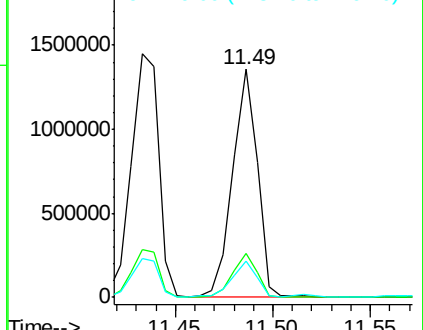
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.147 ng

RT: 11.64 min Scan# 1624

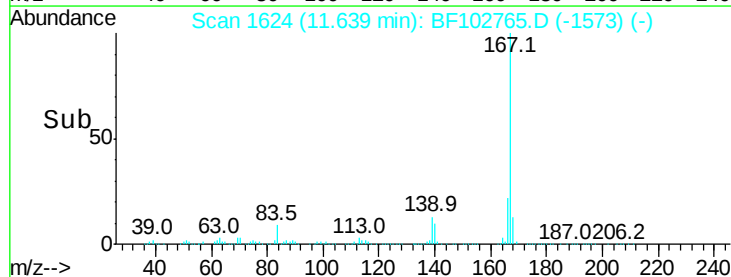
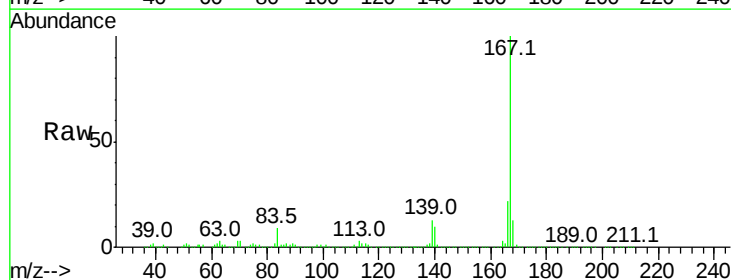
Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Tgt Ion:167 Resp: 1072738

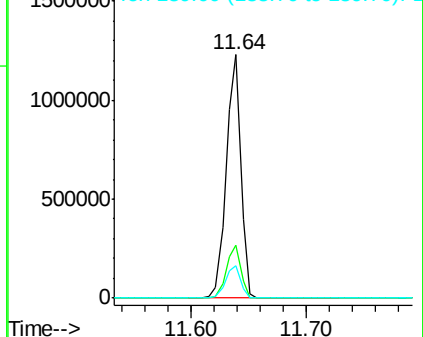
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.3	10.9	16.3

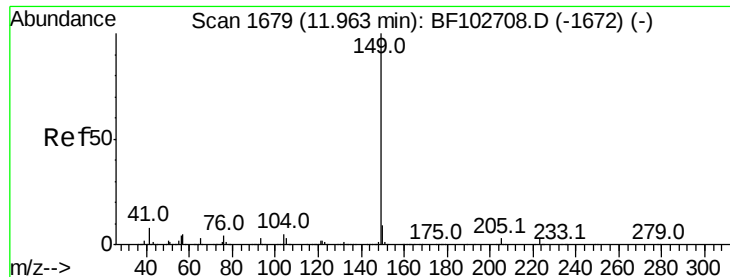


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.752 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

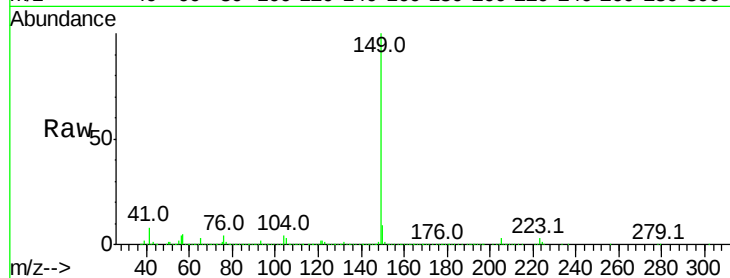
Tot Ion:149 Resp: 1478799

Ion Ratio Lower Upper

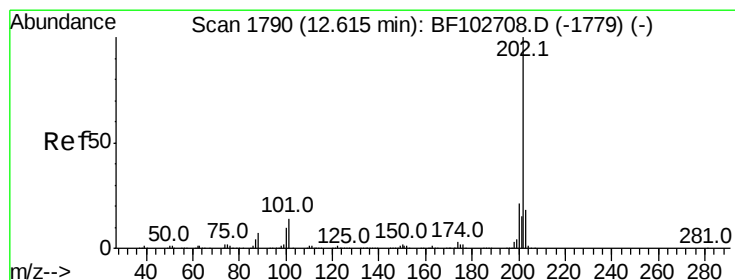
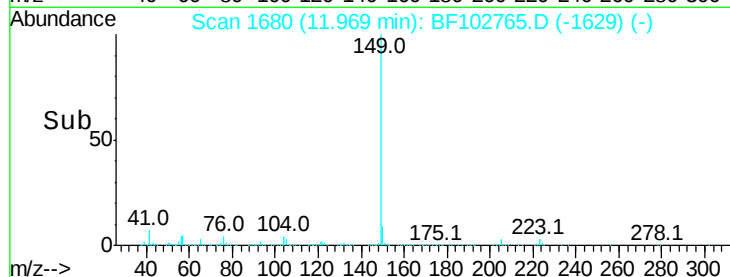
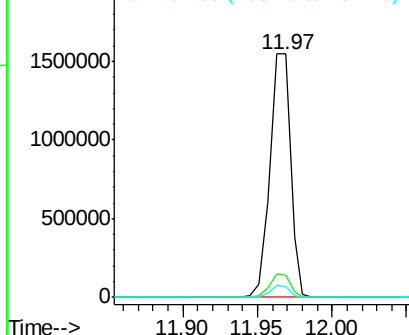
149 100

150 9.2 7.8 11.6

104 4.4 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: 42.844 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

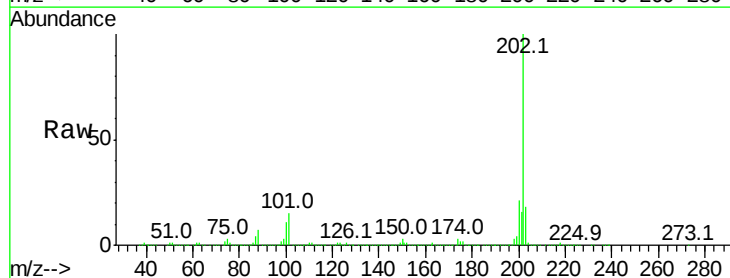
Tgt Ion:202 Resp: 1359004

Ion Ratio Lower Upper

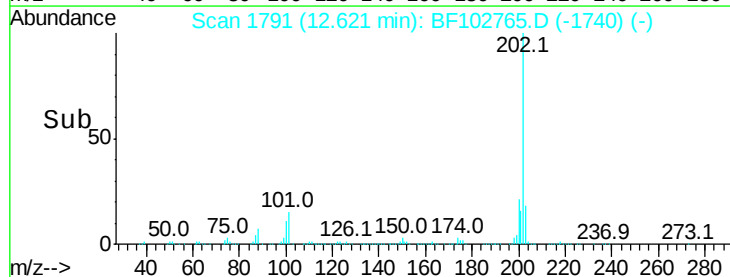
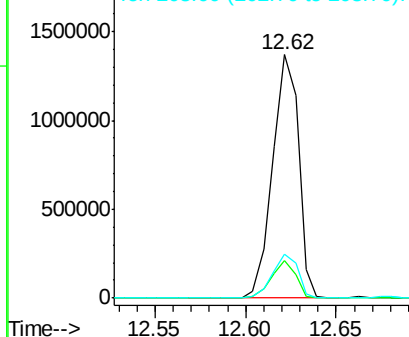
202 100

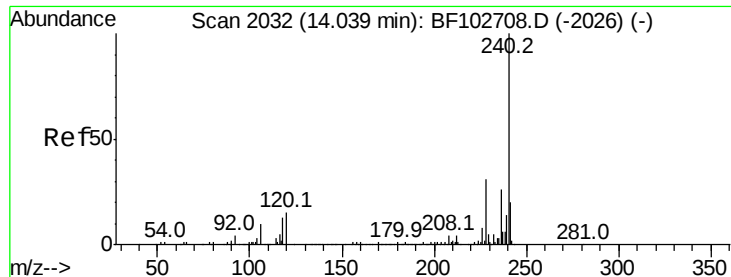
101 15.2 0.0 34.1

203 18.3 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: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

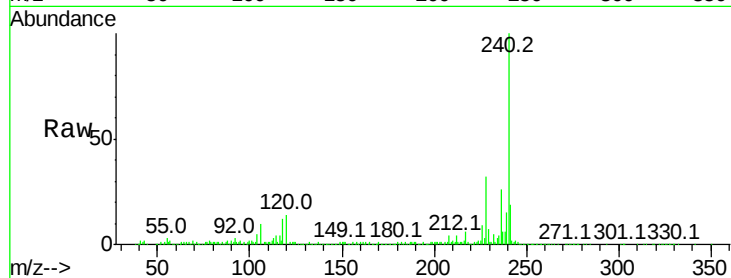
Tot Ion:240 Resp: 331011

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

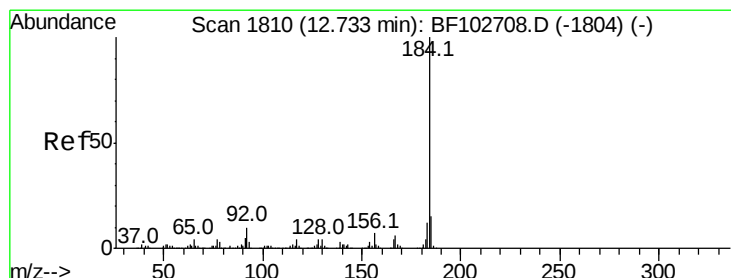
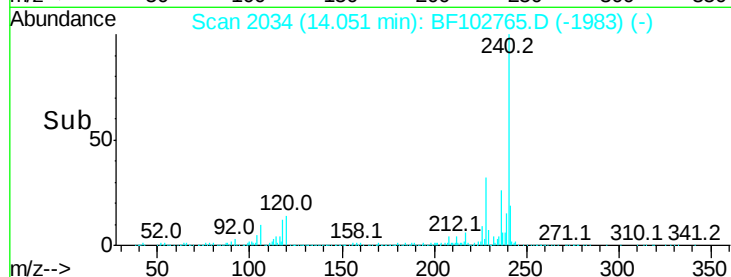
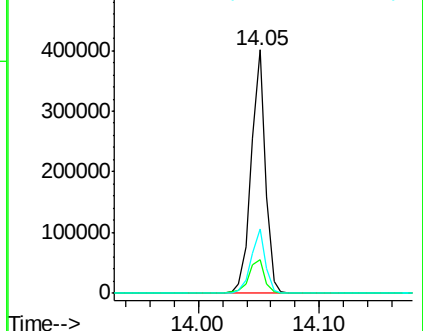
236 26.4 20.7 31.1



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: 23.100 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

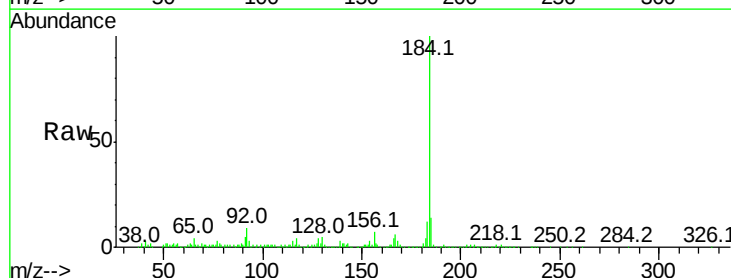
Tgt Ion:184 Resp: 351431

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

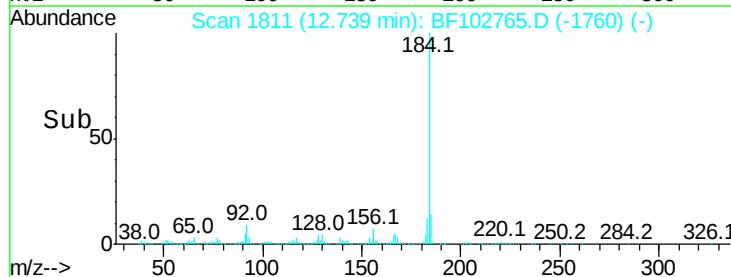
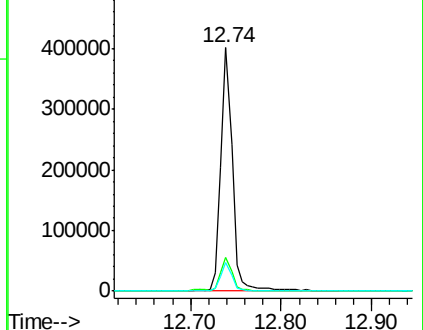
183 11.7 9.3 13.9

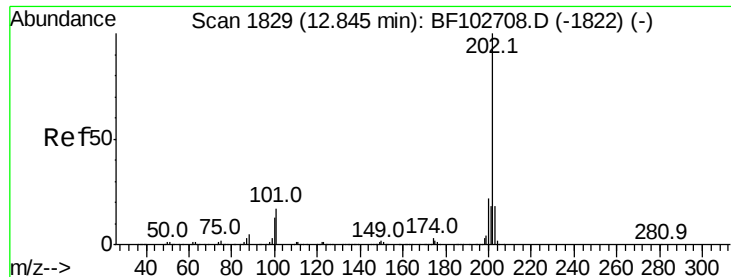


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

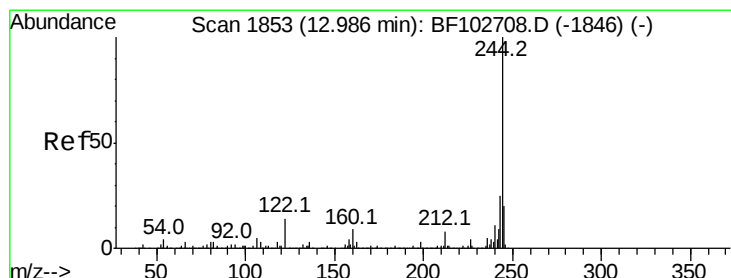
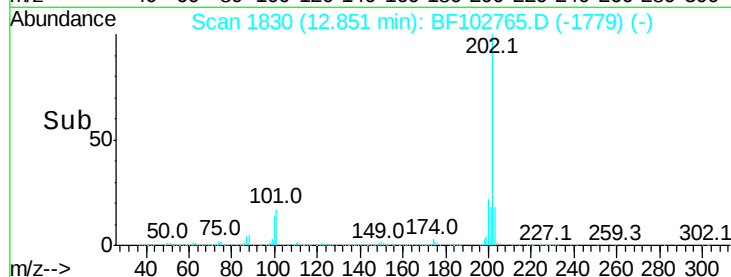
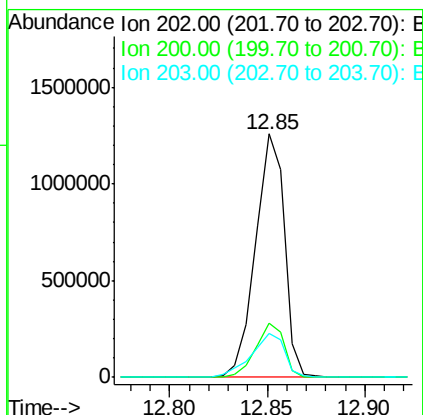
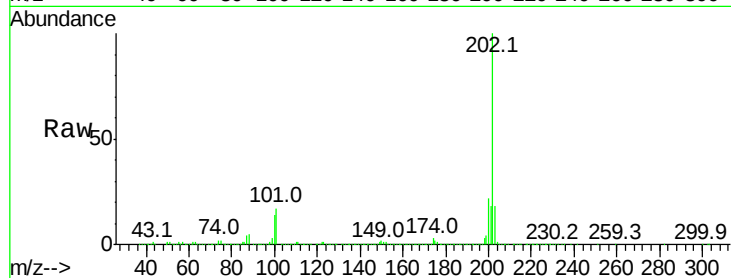




#77
Pvrene
Concen: 49.610 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

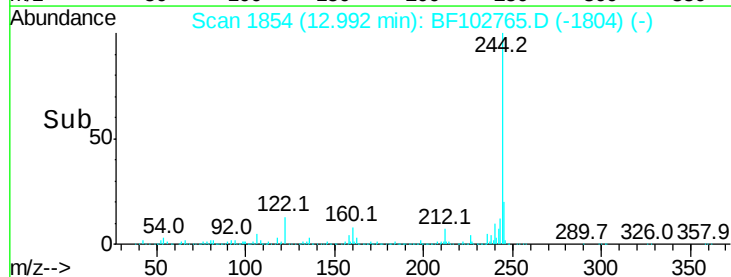
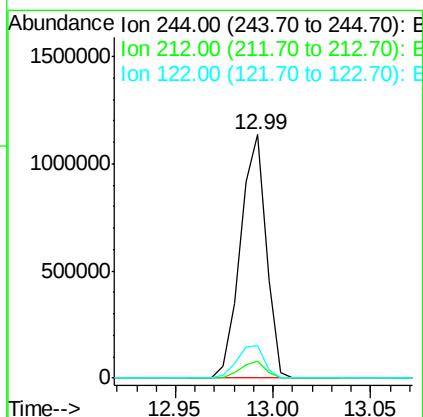
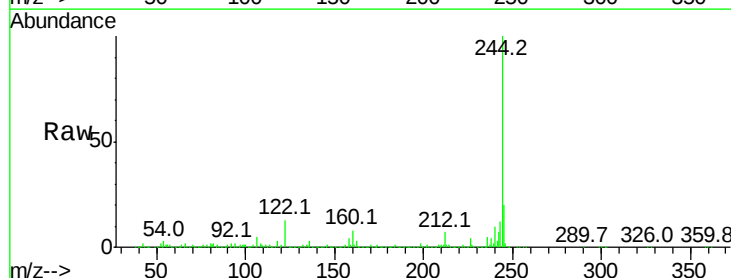
Instrument :
BNA_F
ClientSampleId :

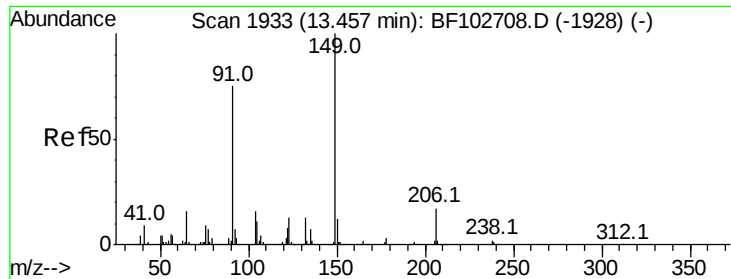
Tot Ion:202 Resp: 1287696
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 74.446 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion:244 Resp: 1040745
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.4 11.0 16.4

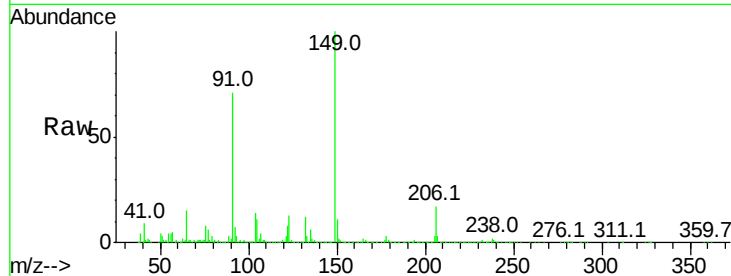




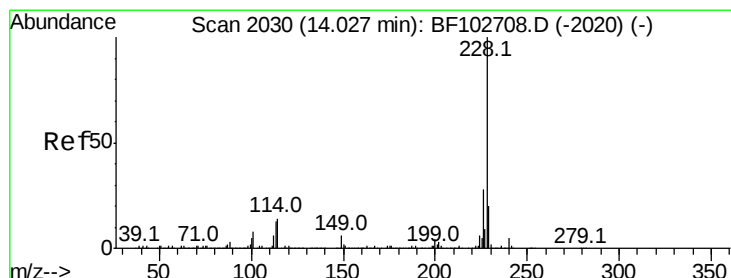
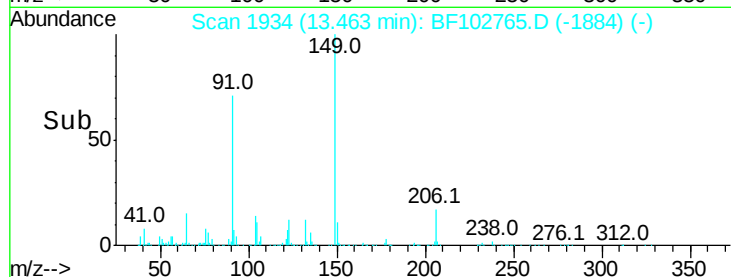
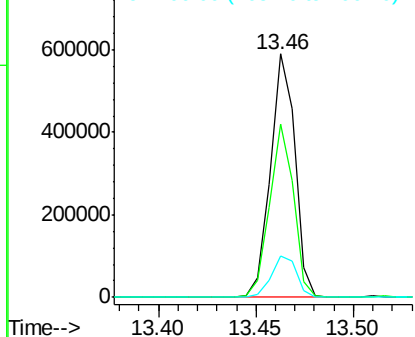
#79
Butylbenzylphthalate
Concen: 41.056 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.8	85.2
206	17.1	14.1	21.1

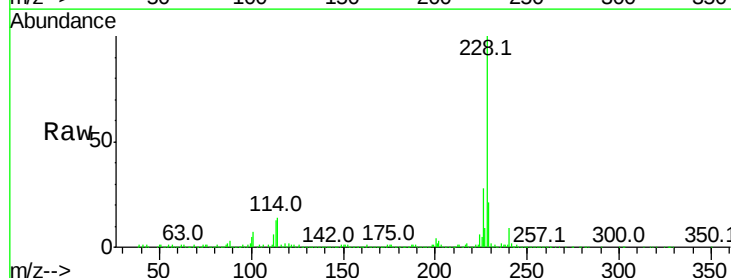


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

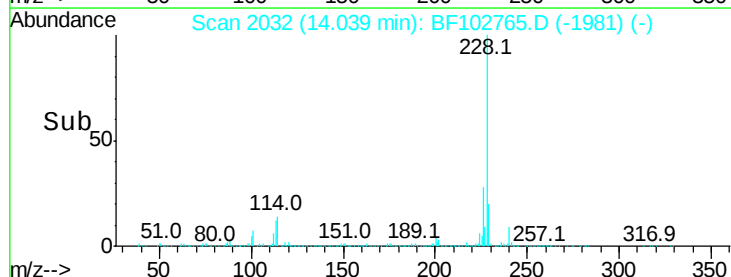
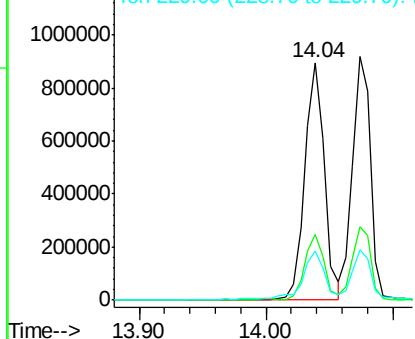


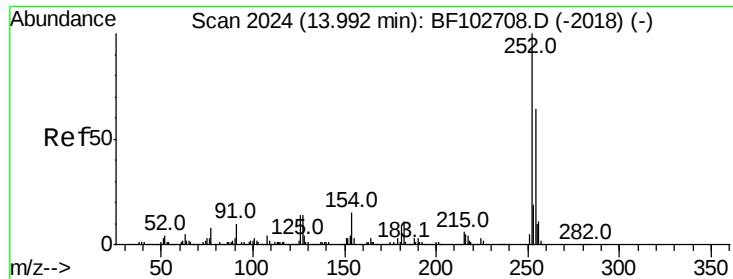
#80
Benzo(a)anthracene
Concen: 46.073 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102765.D
Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.7	15.8	23.6



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

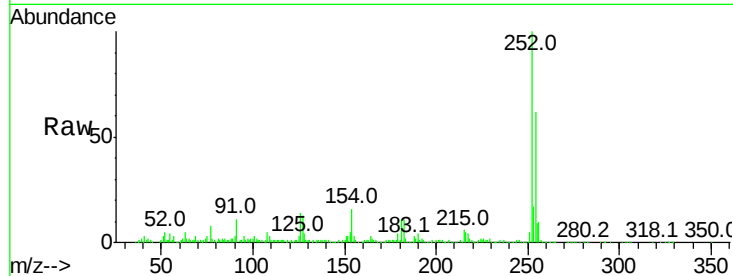




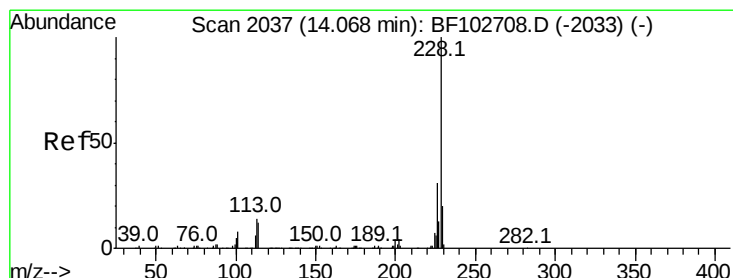
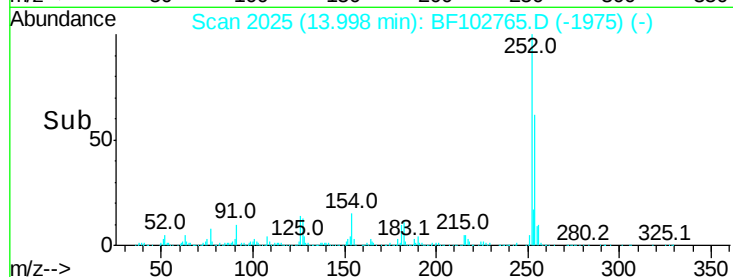
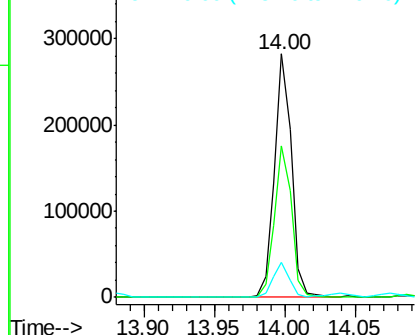
#81
 3,3'-Dichlorobenzidine
 Concen: 31.326 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 241796
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.4 75.6
 126 14.1 11.3 16.9

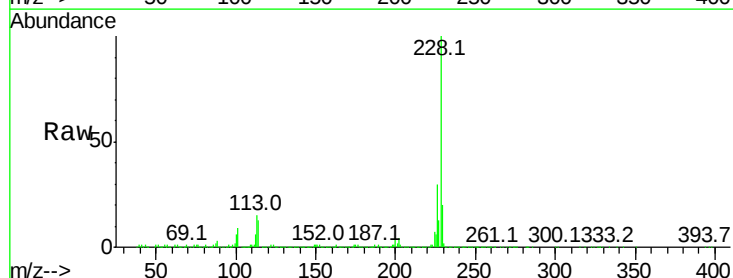


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

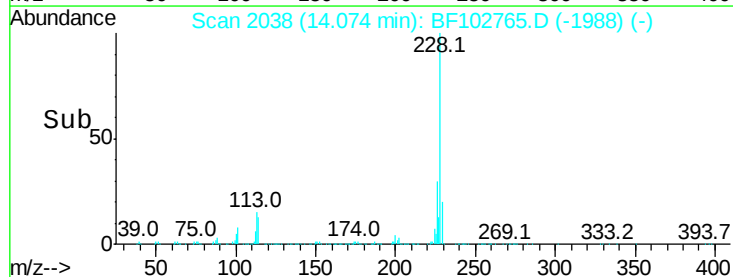
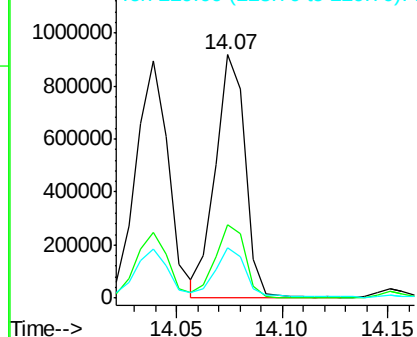


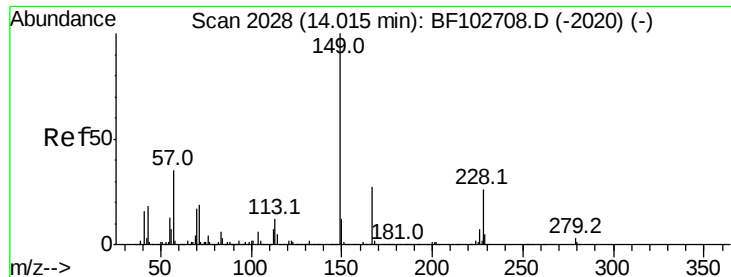
#82
 Chrysene
 Concen: 42.817 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion:228 Resp: 898526
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 20.4 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

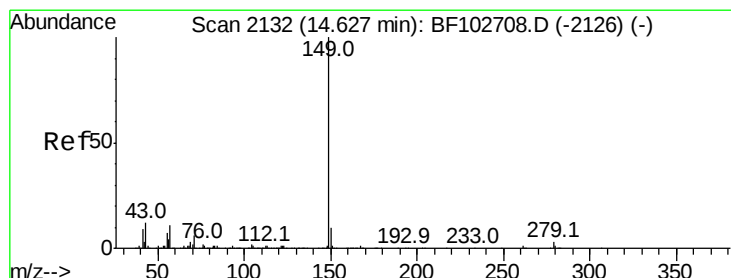
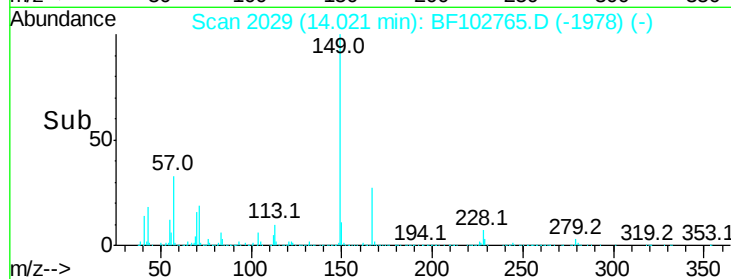
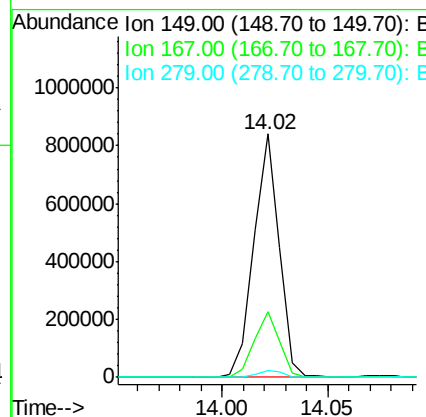
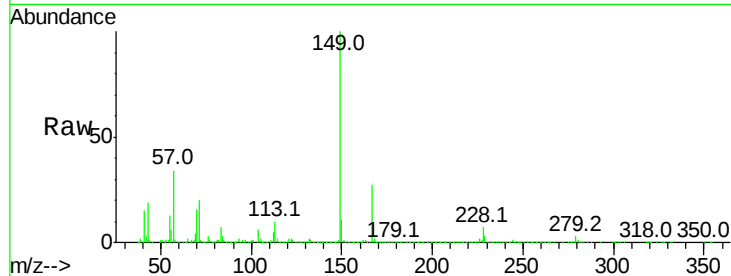




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.723 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

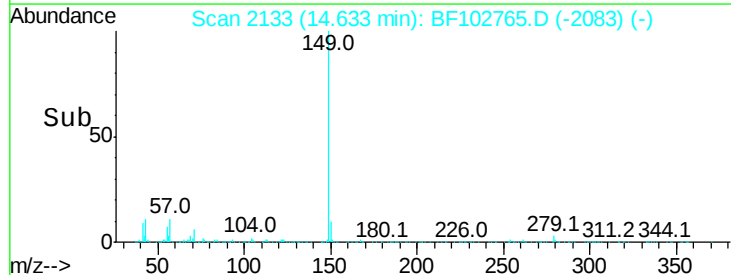
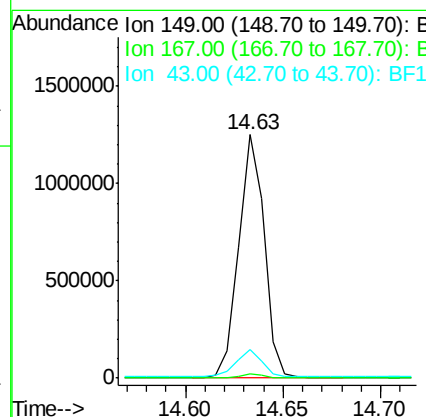
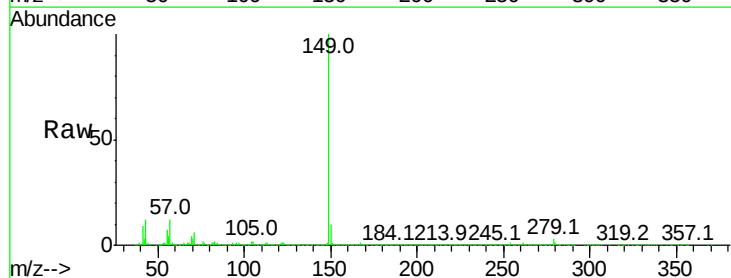
Instrument :
 BNA_F
 ClientSampleId :

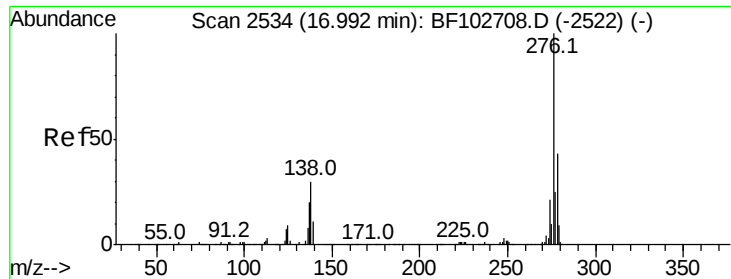
Tot Ion:149 Resp: 695224
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 47.271 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion:149 Resp: 1128599
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.2 8.4 12.6

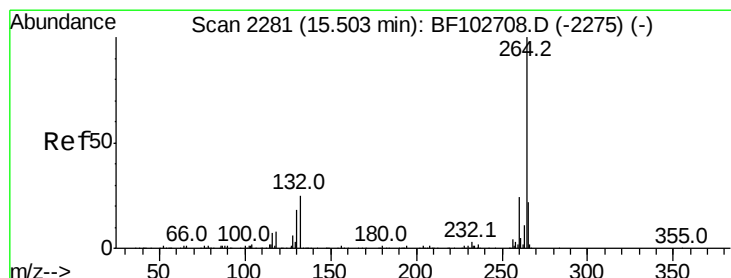
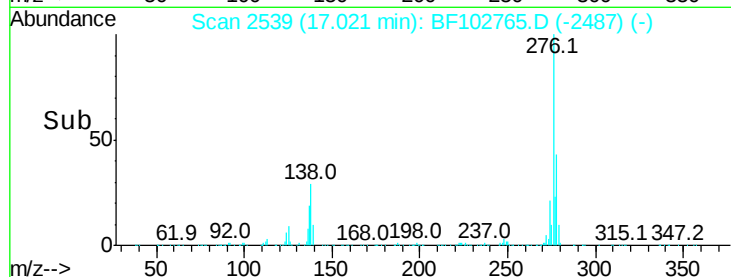
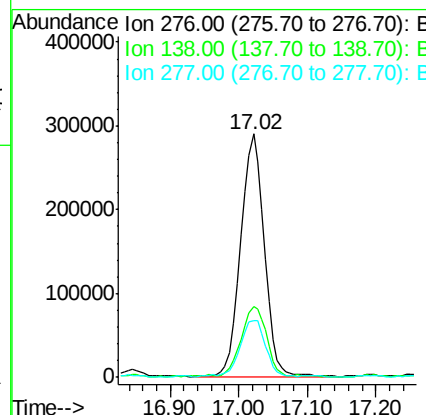
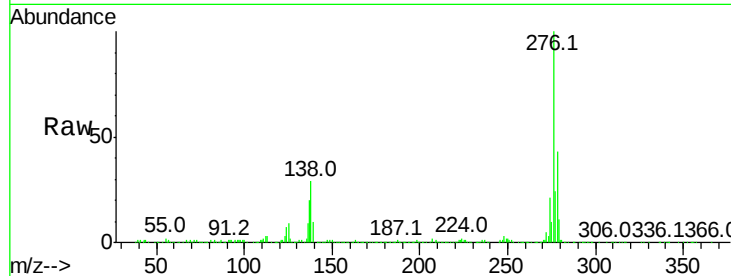




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.726 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. 0.01 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

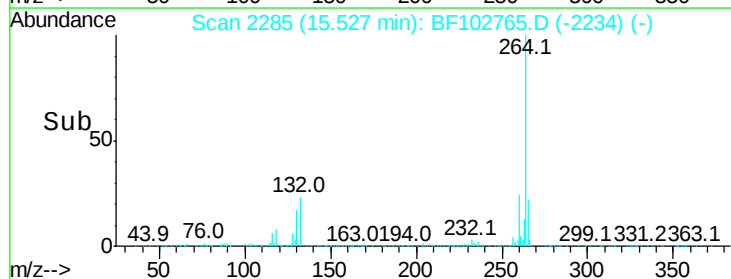
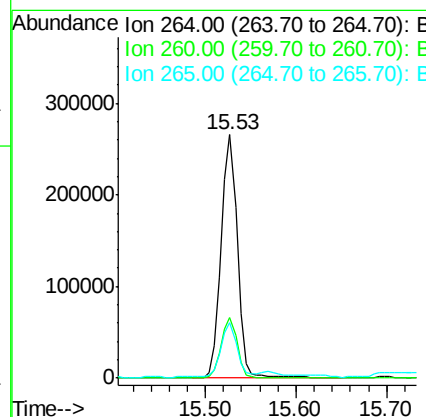
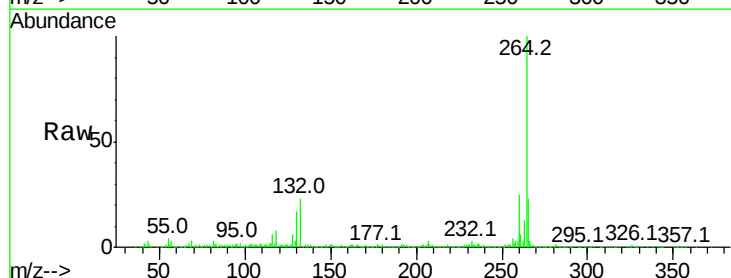
Instrument :
 BNA_F
 ClientSampleId :

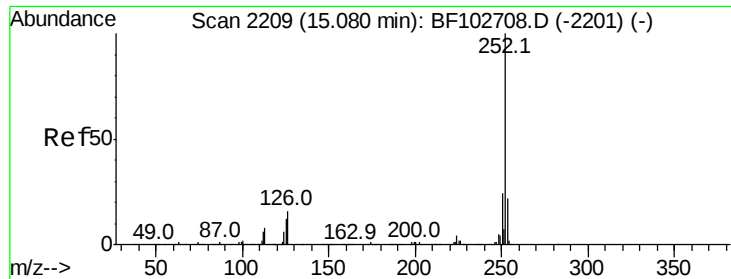
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.1	25.0	37.6
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 35.590 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.03 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampled :

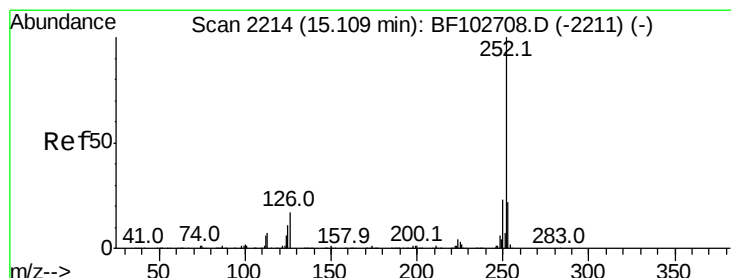
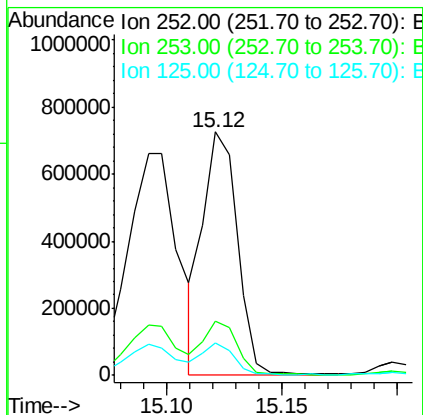
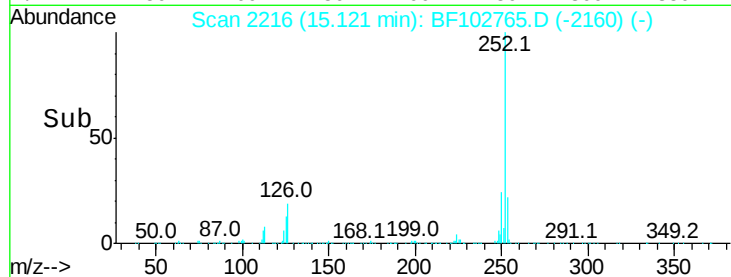
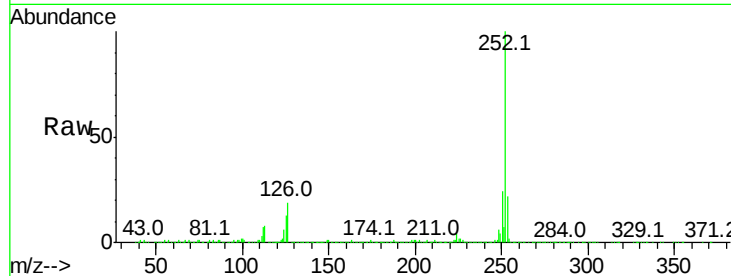
Tot Ion:252 Resp: 751879

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 13.3 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 37.248 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

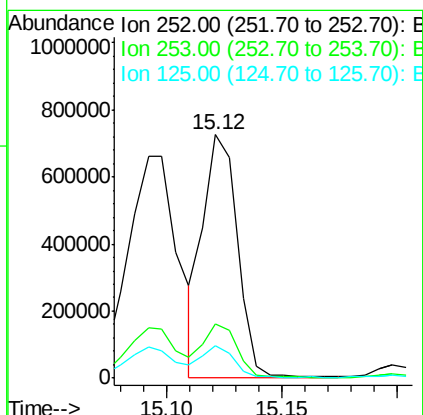
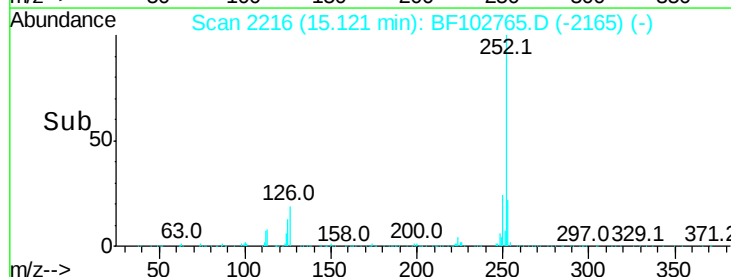
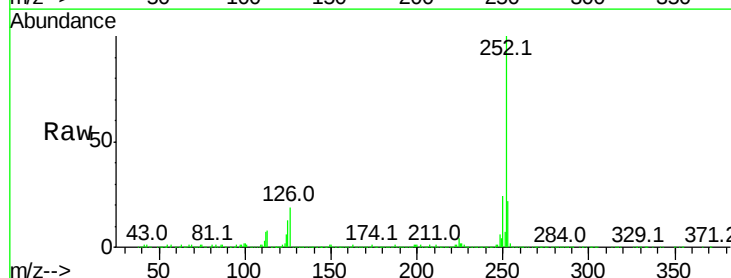
Tgt Ion:252 Resp: 751879

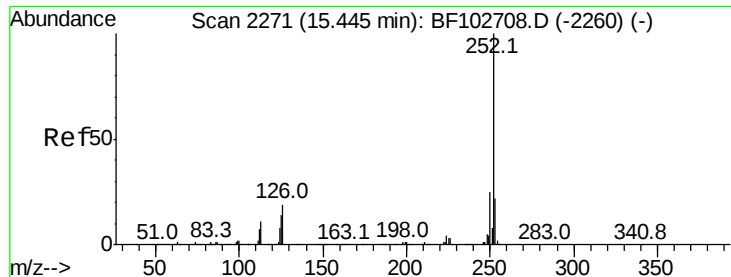
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 13.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.801 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

Instrument :

BNA_F

ClientSampleId :

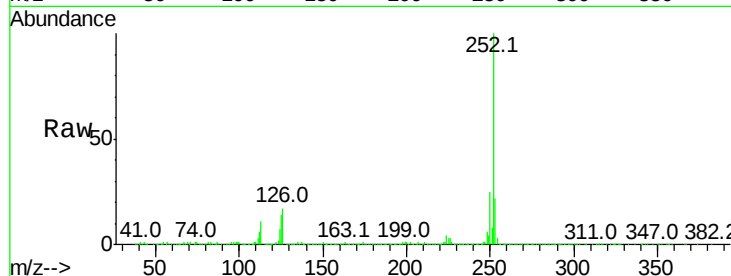
Tot Ion:252 Resp: 813889

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

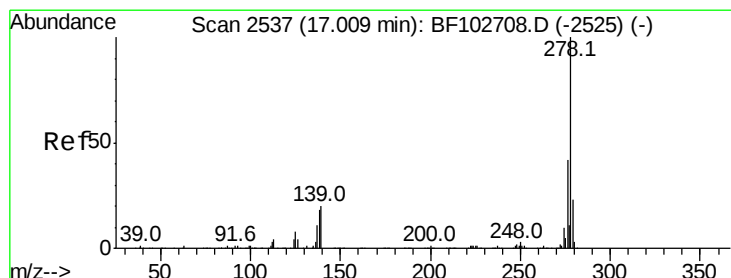
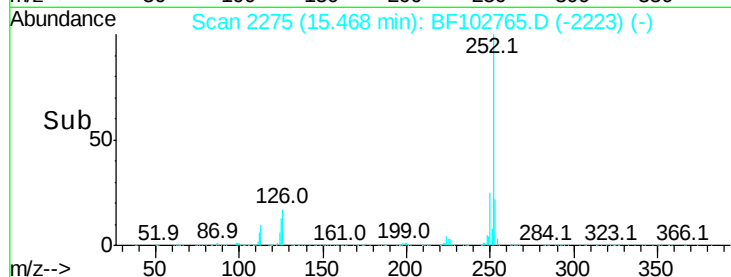
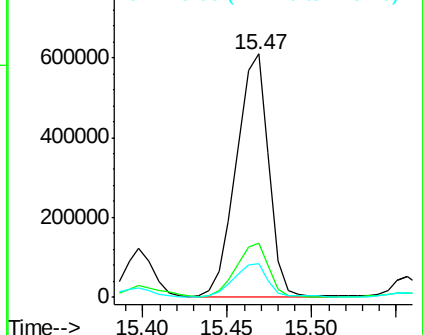
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.038 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BF102765.D

Acq: 6 Feb 2018 4:24

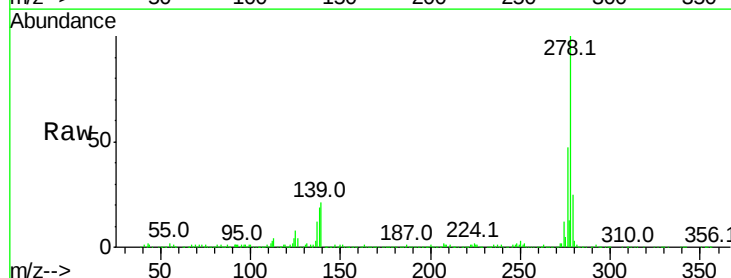
Tgt Ion:278 Resp: 525367

Ion Ratio Lower Upper

278 100

139 20.5 15.9 23.9

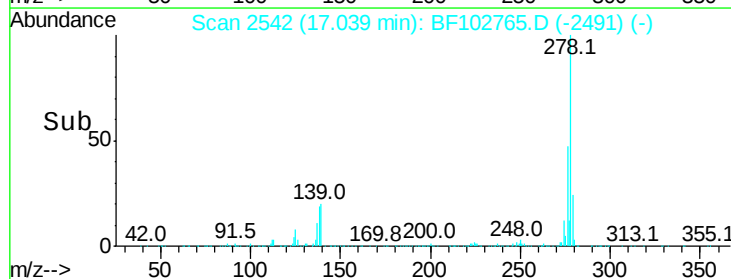
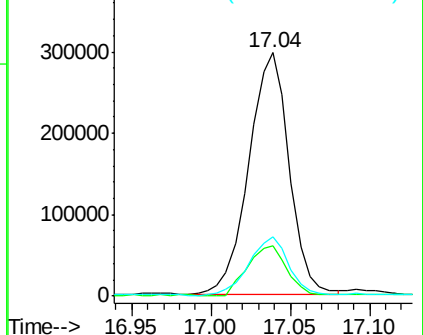
279 24.5 19.0 28.4

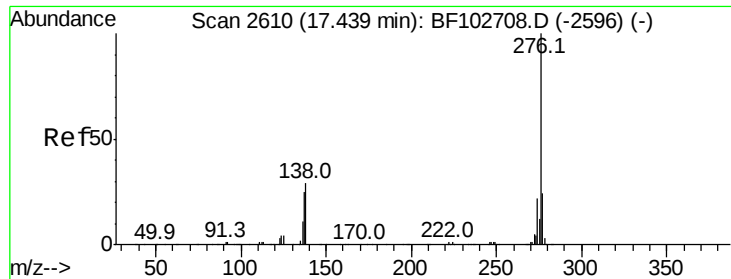


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

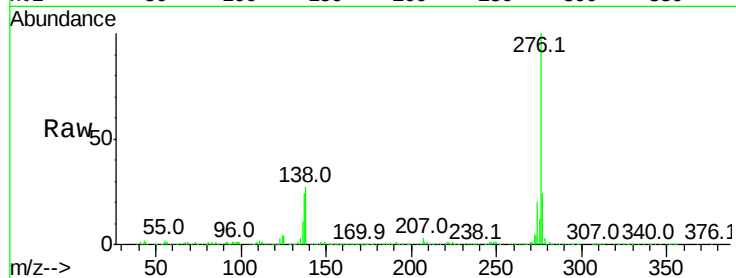




#91
 Benzo(a,h,i)perylene
 Concen: 36.819 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. 0.00 min
 Lab File: BF102765.D
 Acq: 6 Feb 2018 4:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	27.4	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

