

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102806.D
 Acq On : 7 Feb 2018 10:59
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:07:17 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	6.89	152	254064	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1058591	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	489164	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	841535	20.00	ng	0.00
75) Chrysene-d12	14.06	240	591046	20.00	ng	0.00
86) Perylene-d12	15.53	264	520684	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1225403	73.25	ng	0.00
7) Phenol-d6	6.52	99	1492419	74.09	ng	0.01
23) Nitrobenzene-d5	7.45	82	1348215	88.35	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	338265	85.92	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2112481	71.66	ng	0.00
78) Terphenyl-d14	13.00	244	1782330	71.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	312048	37.76	ng	87
3) Pyridine	3.43	79	887715	38.88	ng	87
4) n-Nitrosodimethylamine	3.39	42	370090	37.89	ng	98
6) Aniline	6.55	93	1117198	37.56	ng	95
8) 2-Chlorophenol	6.67	128	651762	37.84	ng	93
9) Benzaldehyde	6.44	77	516501	34.53	ng	96
10) Phenol	6.53	94	813344	37.68	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	670761	37.34	ng	92
12) 1,3-Dichlorobenzene	6.83	146	740310	37.12	ng	99
13) 1,4-Dichlorobenzene	6.90	146	739275	37.21	ng	99
14) 1,2-Dichlorobenzene	7.06	146	664983	35.94	ng	98
15) Benzyl Alcohol	7.03	79	594725	38.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1223334	35.85	ng	98
17) 2-Methylphenol	7.13	107	601358	37.85	ng	100
18) Hexachloroethane	7.40	117	271847	39.90	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	479574	36.11	ng	96
20) 3+4-Methylphenols	7.29	107	705954	36.03	ng	92
22) Acetophenone	7.30	105	908172	35.06	ng	96
24) Nitrobenzene	7.47	77	740468	41.25	ng	96
25) Isophorone	7.71	82	1322110	37.63	ng	99
26) 2-Nitrophenol	7.78	139	380978	51.00	ng	95
27) 2,4-Dimethylphenol	7.82	122	578793	38.99	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	777020	37.33	ng	99
29) 2,4-Dichlorophenol	8.02	162	537981	39.86	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	574405	37.62	ng	98
31) Naphthalene	8.19	128	1885644	36.46	ng	99
32) Benzoic acid	7.95	122	478622	46.31	ng	97
33) 4-Chloroaniline	8.24	127	853992	38.33	ng	99
34) Hexachlorobutadiene	8.30	225	295724	37.80	ng	98
35) Caprolactam	8.63	113	192934	41.17	ng	# 79
36) 4-Chloro-3-methylphenol	8.72	107	592579	39.08	ng	98
37) 2-Methylnaphthalene	8.88	142	1244423	36.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	503004	37.77	ng	99
40) Hexachlorocyclopentadiene	9.03	237	268122	42.35	ng	98

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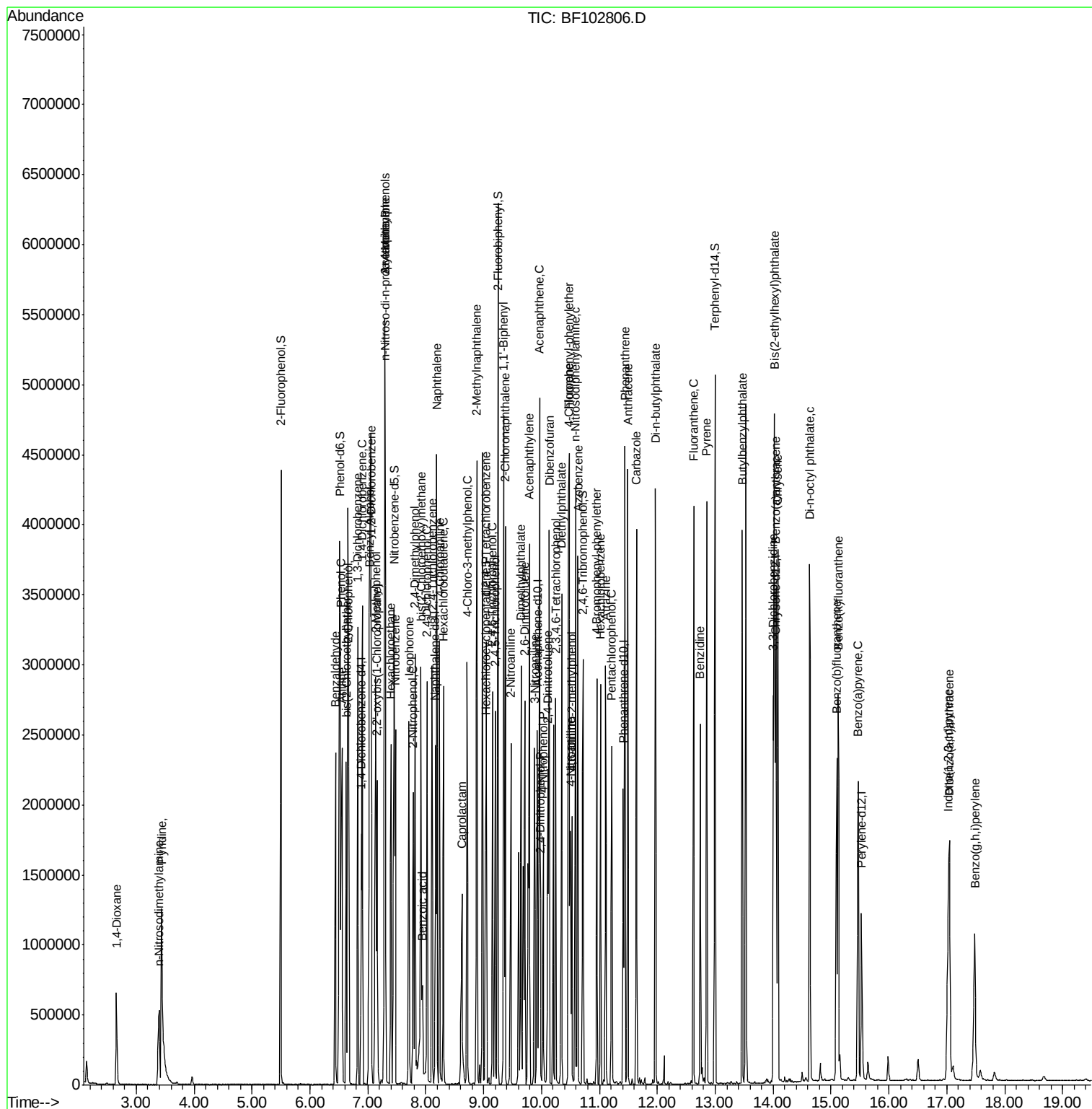
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	364889	41.71	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	409095	41.49	nq	96
45) 1,1'-Biphenyl	9.34	154	1482997	35.99	nq	99
46) 2-Chloronaphthalene	9.37	162	1197630	36.92	nq	98
47) 2-Nitroaniline	9.47	65	449147	45.10	nq	95
48) Acenaphthylene	9.79	152	1827433	36.27	nq	99
49) Dimethylphthalate	9.65	163	1436821	37.67	nq	100
50) 2,6-Dinitrotoluene	9.71	165	321999	44.37	nq	96
51) Acenaphthene	9.96	154	1121781	37.23	nq	99
52) 3-Nitroaniline	9.88	138	404580	45.31	nq	97
53) 2,4-Dinitrophenol	9.98	184	133306	63.92	nq	# 18
54) Dibenzofuran	10.13	168	1522625	35.86	nq	97
55) 4-Nitrophenol	10.03	139	295745	42.30	nq	95
56) 2,4-Dinitrotoluene	10.11	165	426225	44.07	nq	97
57) Fluorene	10.47	166	1152785	37.32	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	285547	41.78	nq	99
59) Diethylphthalate	10.34	149	1387731	36.85	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	519539	38.02	nq	97
61) 4-Nitroaniline	10.50	138	390424	45.94	nq	92
62) Azobenzene	10.63	77	1343738	35.72	nq	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	211185	56.78	nq	95
65) n-Nitrosodiphenylamine	10.59	169	1097570	36.98	nq	100
66) 4-Bromophenyl-phenylether	10.96	248	338360	38.01	nq	91
67) Hexachlorobenzene	11.02	284	369135	37.59	nq	95
68) Atrazine	11.11	200	342485	39.11	nq	98
69) Pentachlorophenol	11.22	266	273032	47.36	nq	99
70) Phenanthrene	11.44	178	1648274	35.17	nq	99
71) Anthracene	11.49	178	1706822	35.81	nq	100
72) Carbazole	11.64	167	1702574	36.46	nq	99
73) Di-n-butylphthalate	11.97	149	2110228	37.20	nq	100
74) Fluoranthene	12.63	202	1677176	35.57	nq	99
76) Benzidine	12.74	184	910668	33.52	nq	98
77) Pyrene	12.86	202	1743002	37.61	nq	100
79) Butylbenzylphthalate	13.47	149	901425	40.82	nq	97
80) Benzo(a)anthracene	14.04	228	1417015	38.12	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	534805	38.80	nq	98
82) Chrysene	14.08	228	1358255	36.25	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1186900	41.80	nq	100
84) Di-n-octyl phthalate	14.63	149	1845647	43.29	nq	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	1149530	36.99	nq	99
87) Benzo(b)fluoranthene	15.10	252	1307392	38.73	nq	98
88) Benzo(k)fluoranthene	15.13	252	1244838	38.59	nq	99
89) Benzo(a)pyrene	15.47	252	1167972	38.44	nq	99
90) Dibenzo(a,h)anthracene	17.05	278	949773	38.51	nq	100
91) Benzo(g,h,i)perylene	17.49	276	949433	39.33	nq	96

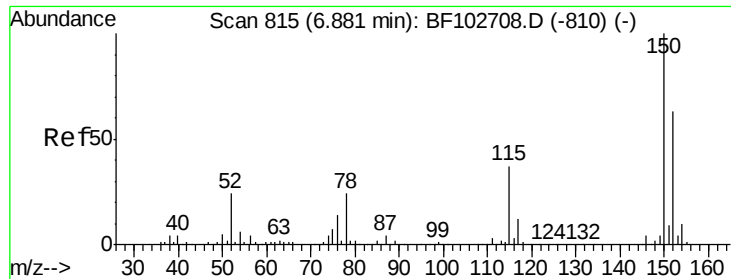
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2 Sample Multiplier: 1
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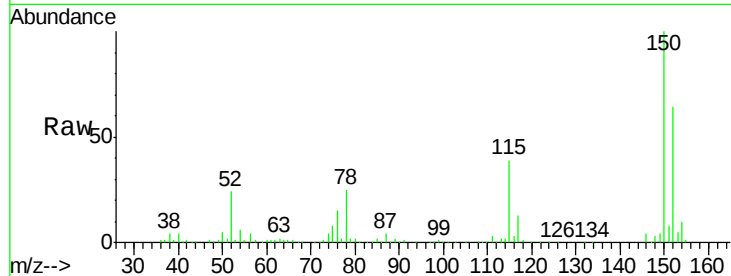


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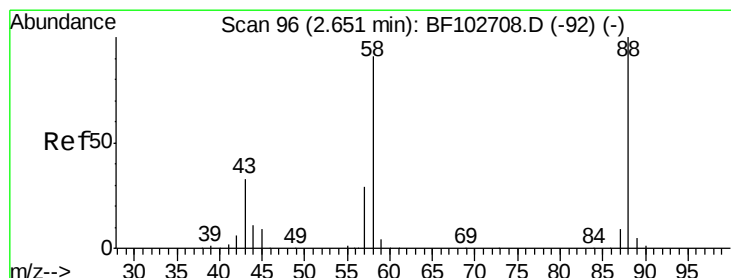
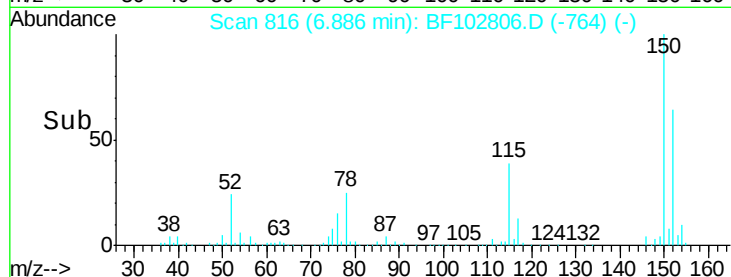
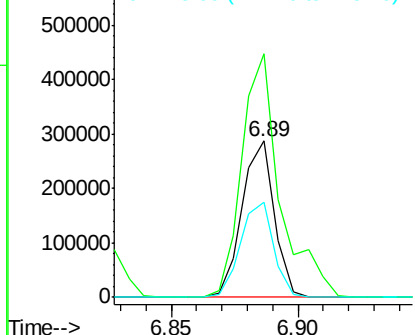
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 254064
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 61.1 50.1 75.1



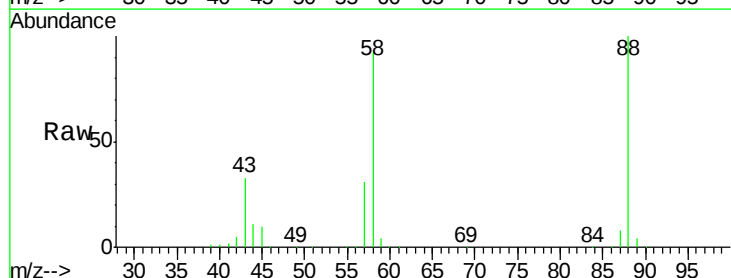
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



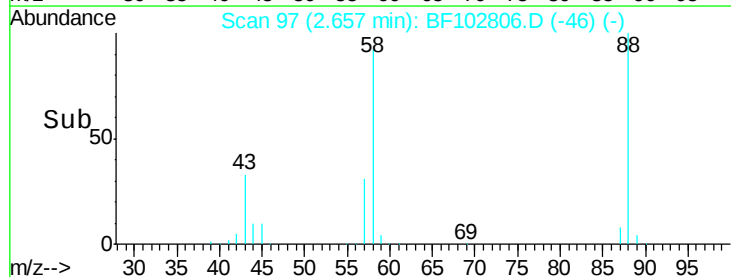
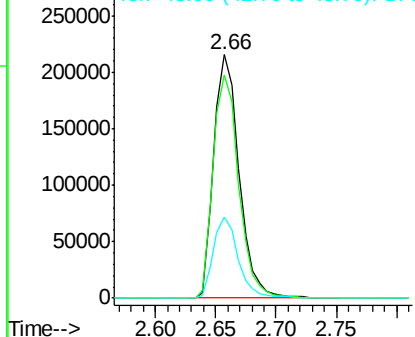
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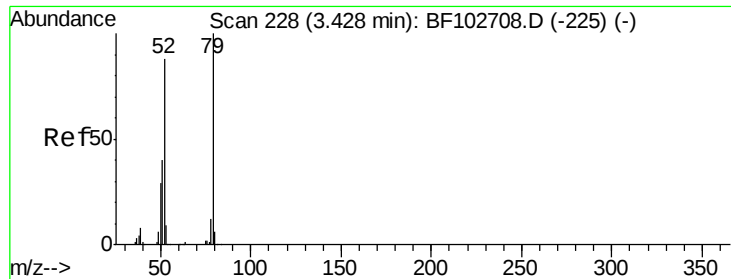
1,4-Dioxane
Concen: 37.76 ng
RT: 2.66 min Scan# 97
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion: 88 Resp: 312048
Ion Ratio Lower Upper
88 100
58 92.8 62.6 93.8
43 31.8 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: 38.88 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampled :

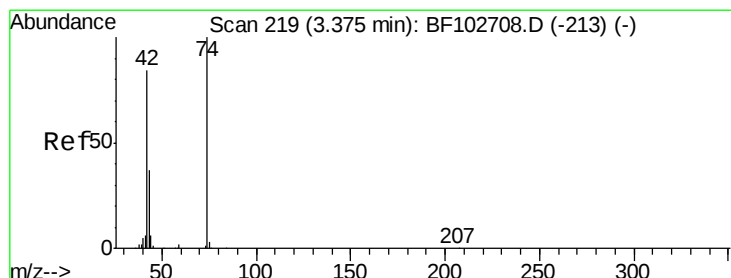
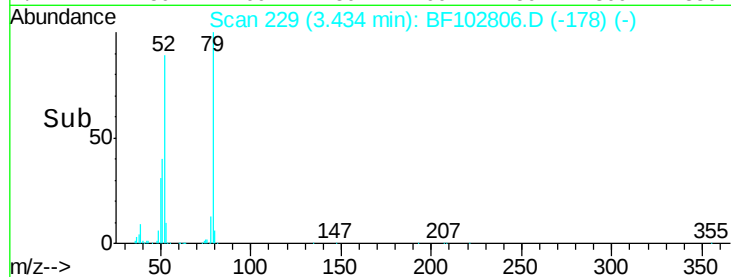
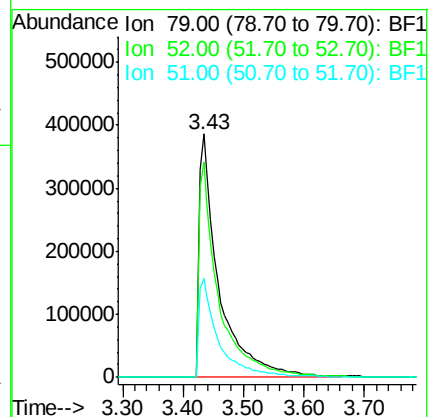
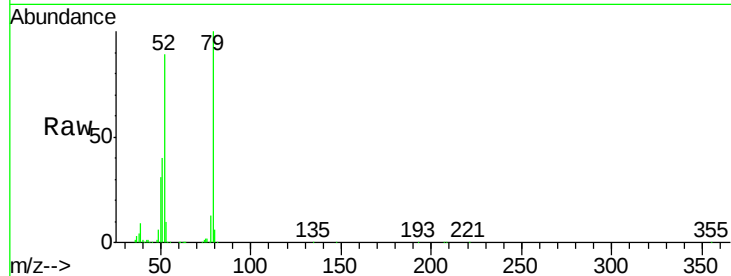
Tot Ion: 79 Resp: 887715

Ion Ratio Lower Upper

79 100

52 88.6 59.8 89.6

51 40.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.89 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

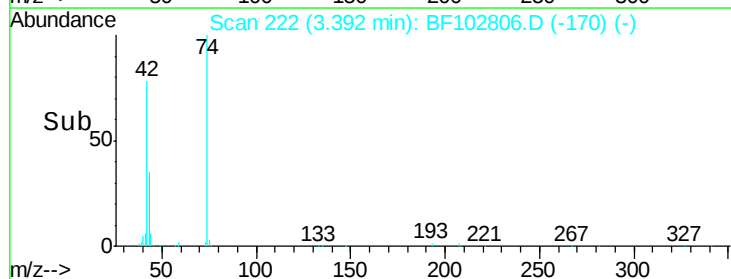
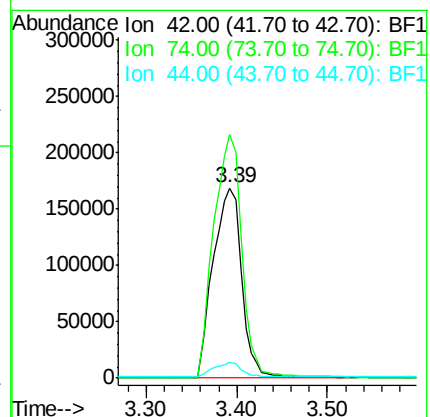
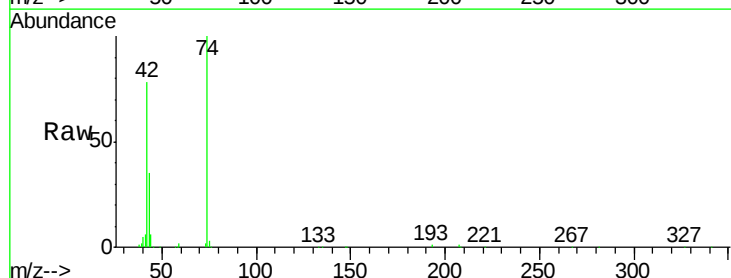
Tgt Ion: 42 Resp: 370090

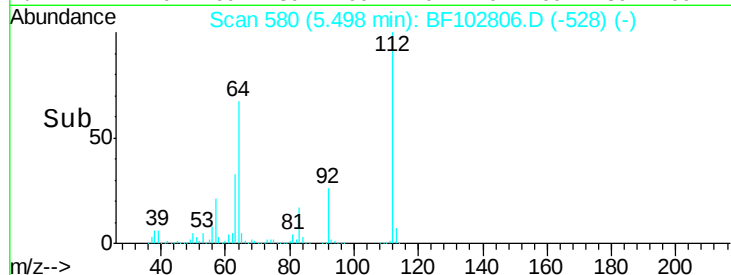
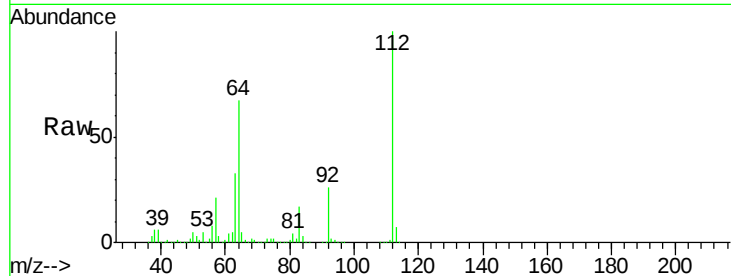
Ion Ratio Lower Upper

42 100

74 128.2 104.9 157.3

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 73.25 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

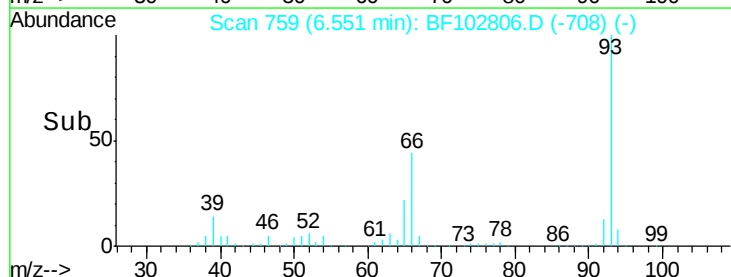
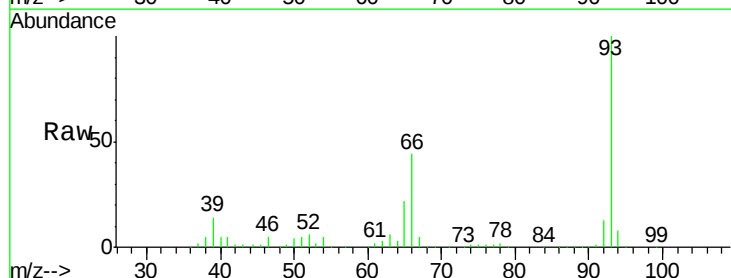
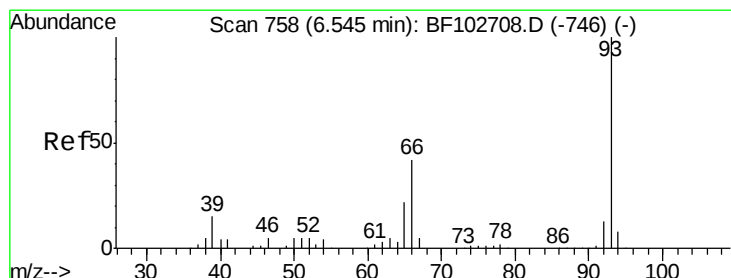
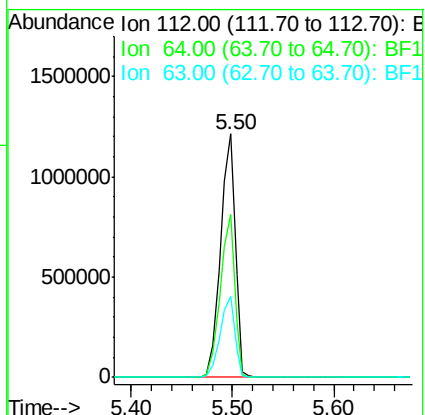
Tot Ion:112 Resp: 1225403

Ion Ratio Lower Upper

112 100

64 66.8 47.9 71.9

63 33.0 23.7 35.5



#6

Aniline

Concen: 37.56 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

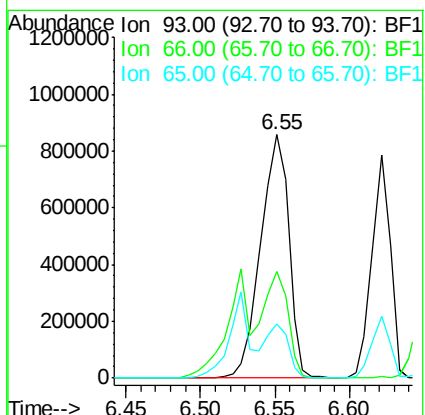
Tgt Ion: 93 Resp: 1117198

Ion Ratio Lower Upper

93 100

66 43.6 32.2 48.2

65 22.0 16.4 24.6





#7

Phenol-d6

Concen: 74.09 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

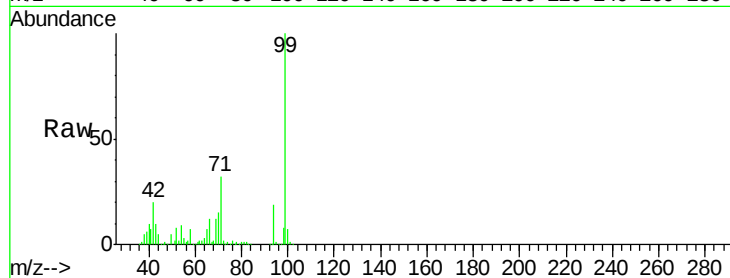
Tot Ion: 99 Resp: 1492419

Ion Ratio Lower Upper

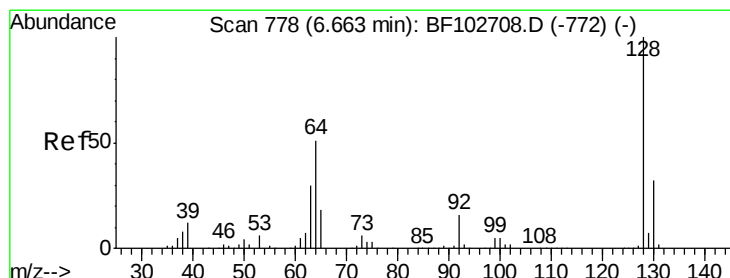
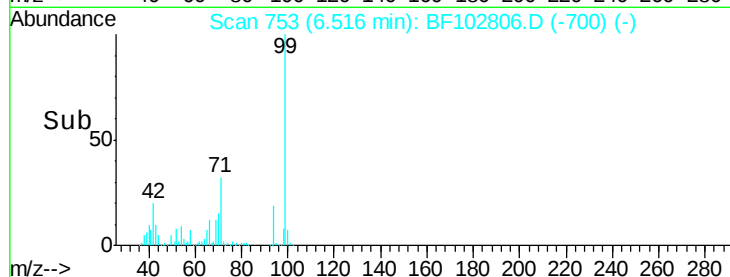
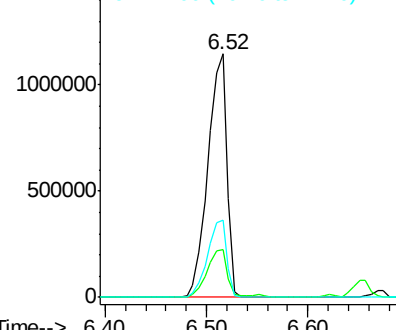
99 100

42 19.5 14.5 21.7

71 31.9 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: 37.84 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

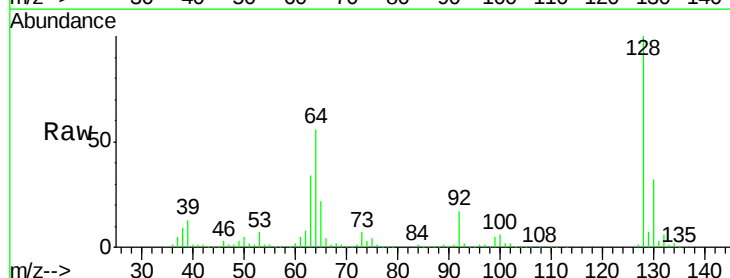
Tgt Ion: 128 Resp: 651762

Ion Ratio Lower Upper

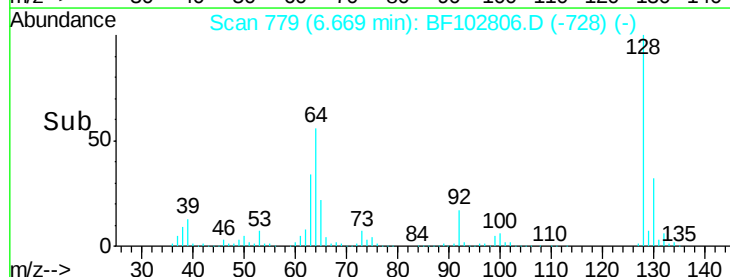
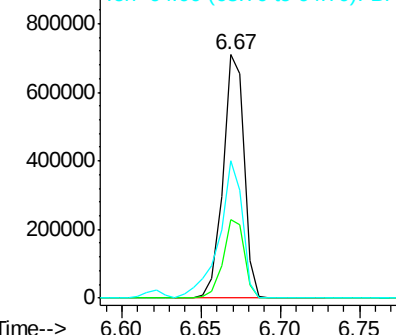
128 100

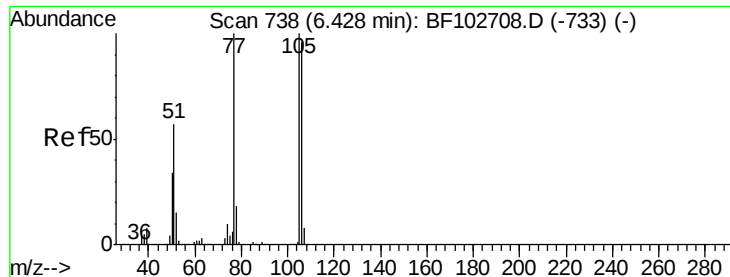
130 32.5 13.0 53.0

64 56.5 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: 34.53 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF102806.D

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ClientSampleId :

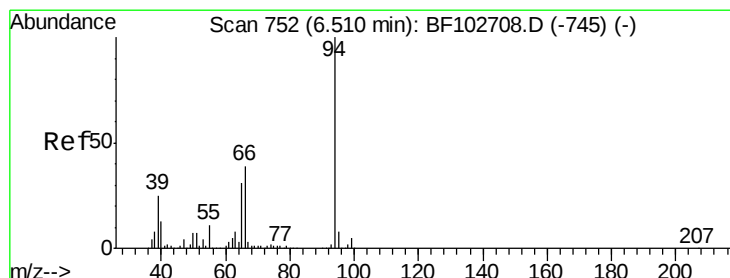
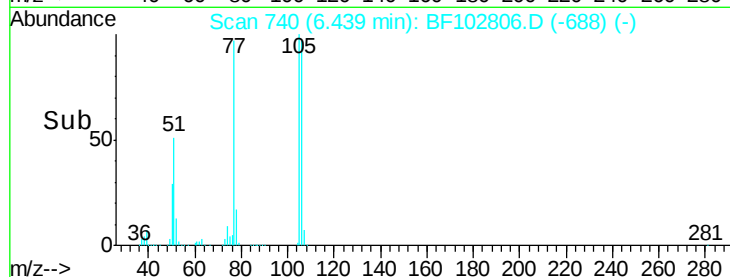
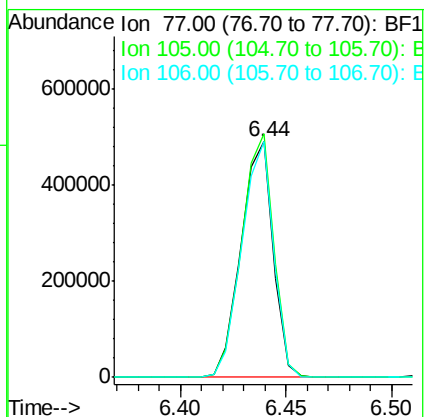
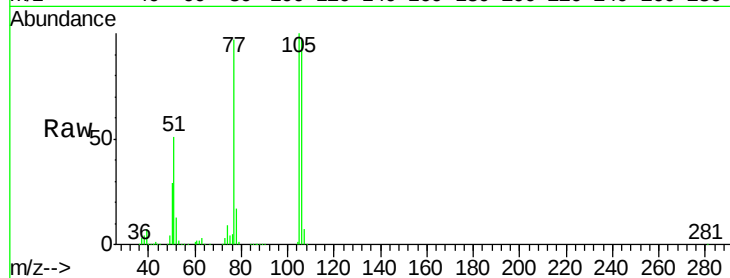
Tot Ion: 77 Resp: 516501

Ion Ratio Lower Upper

77 100

105 103.3 81.1 121.1

106 100.0 74.5 114.5



#10

Phenol

Concen: 37.68 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

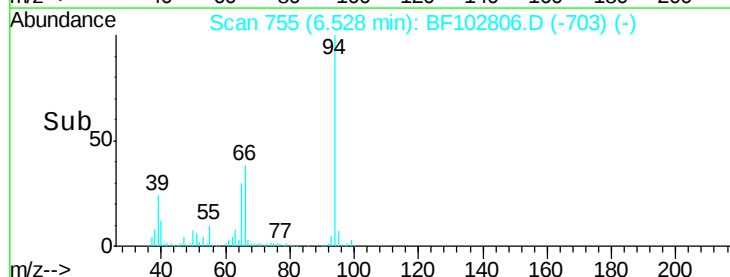
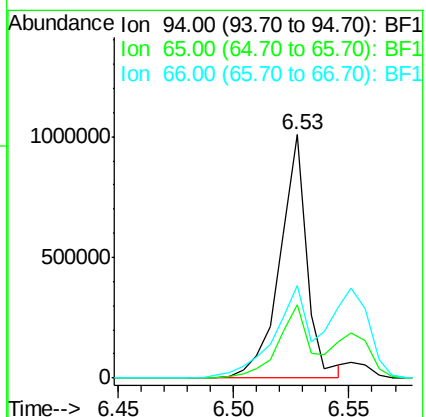
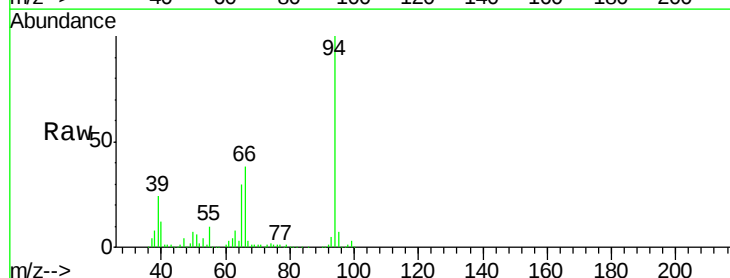
Tgt Ion: 94 Resp: 813344

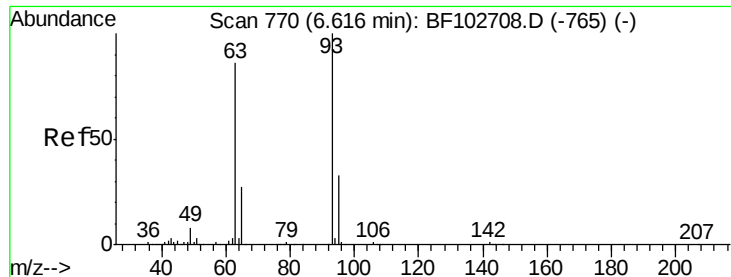
Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

66 38.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.34 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampled :

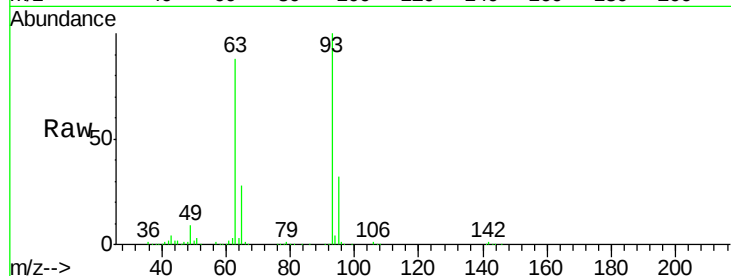
Tot Ion: 93 Resp: 670761

Ion Ratio Lower Upper

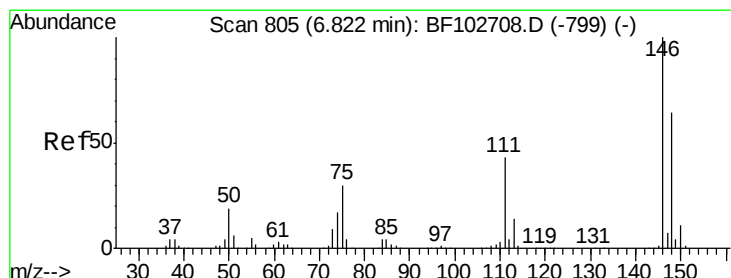
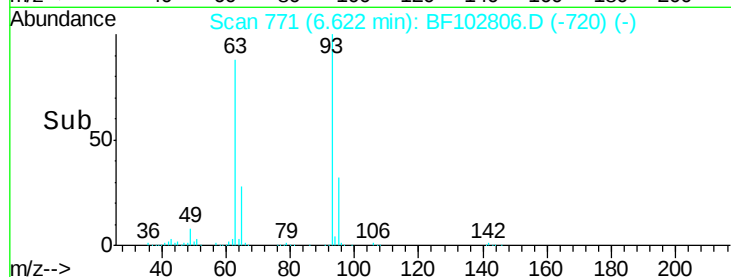
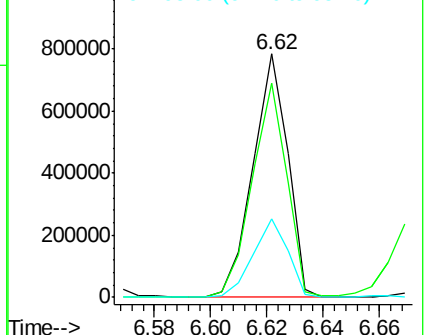
93 100

63 88.1 58.6 98.6

95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.12 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

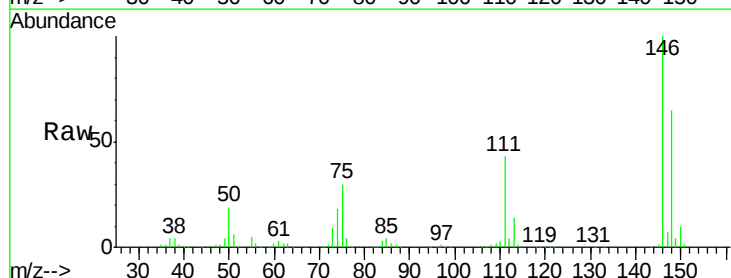
Tgt Ion: 146 Resp: 740310

Ion Ratio Lower Upper

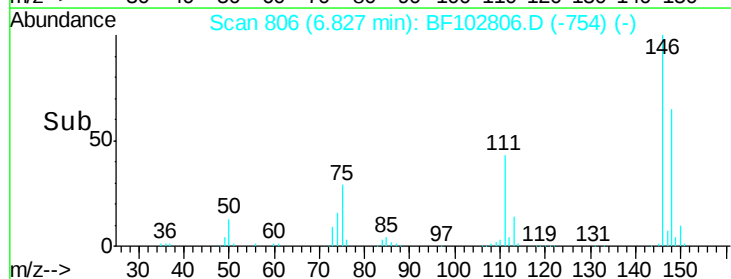
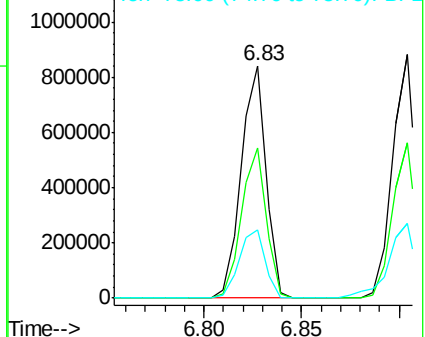
146 100

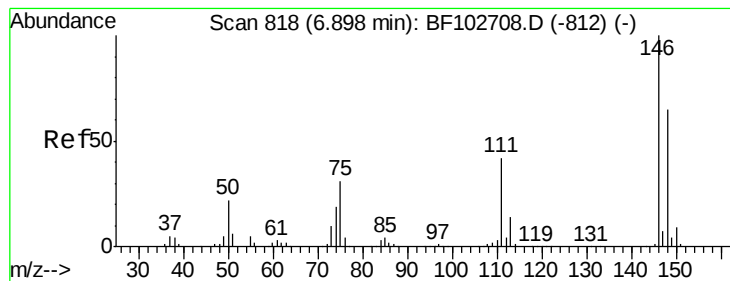
148 64.7 51.8 77.8

75 29.5 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.21 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampled :

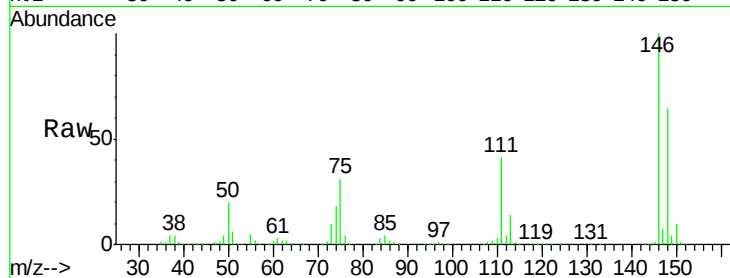
Tot Ion:146 Resp: 739275

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

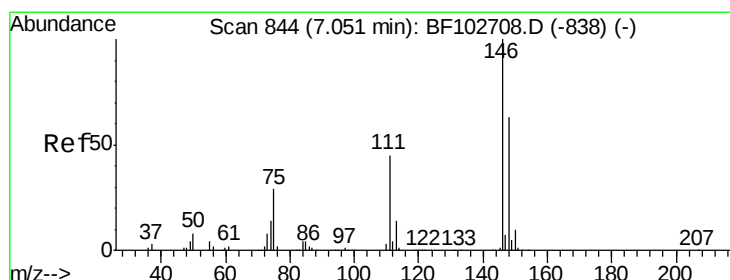
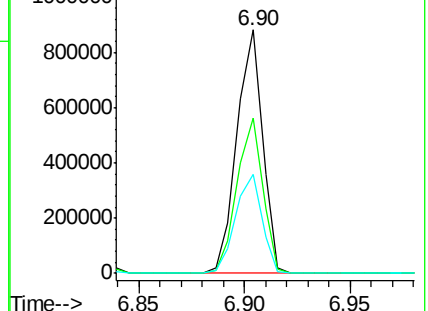
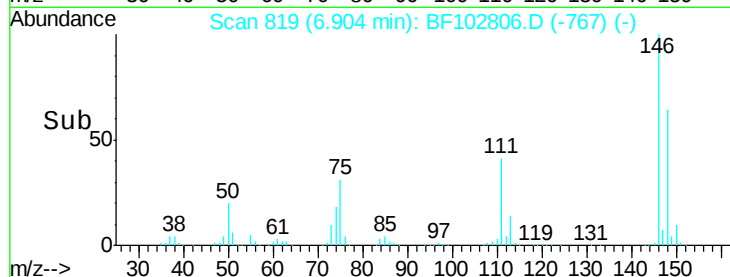
111 40.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.94 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

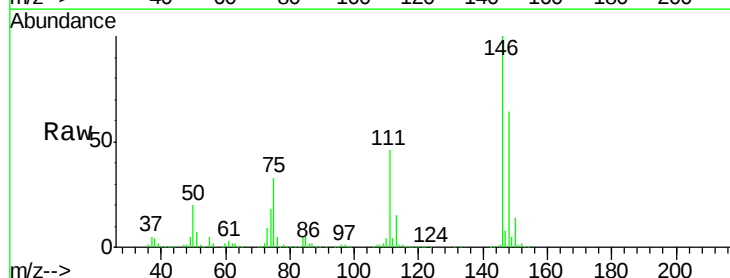
Tgt Ion:146 Resp: 664983

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

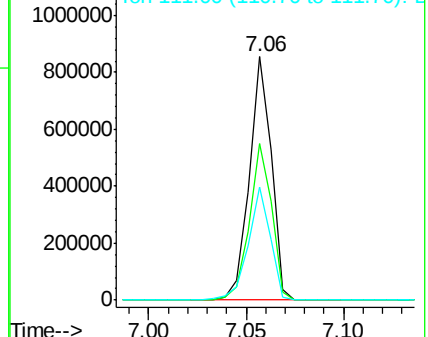
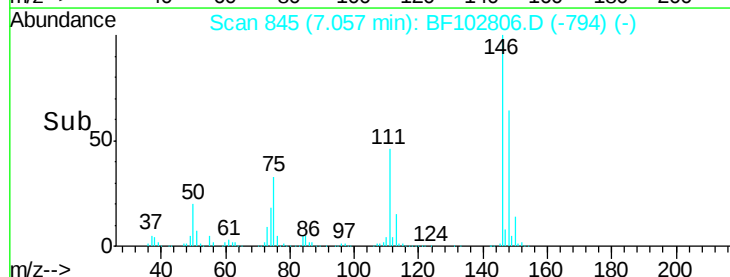
111 46.3 36.0 54.0

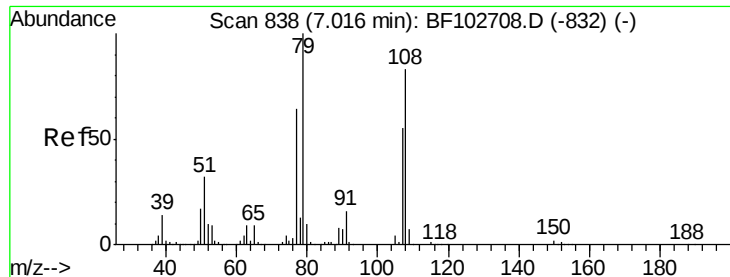


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.40 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :

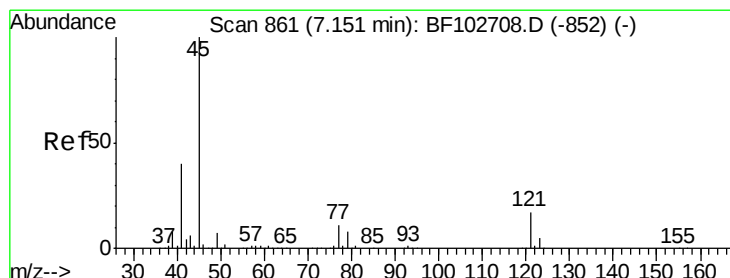
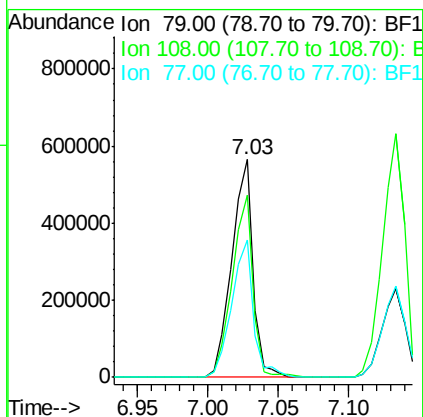
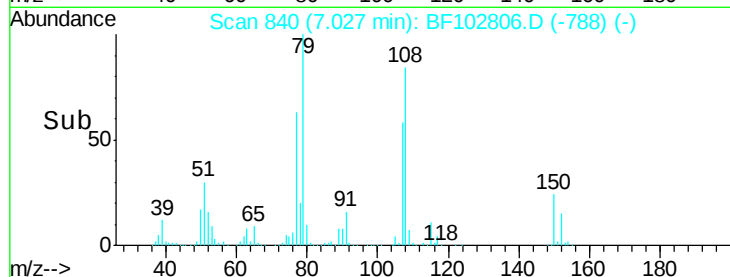
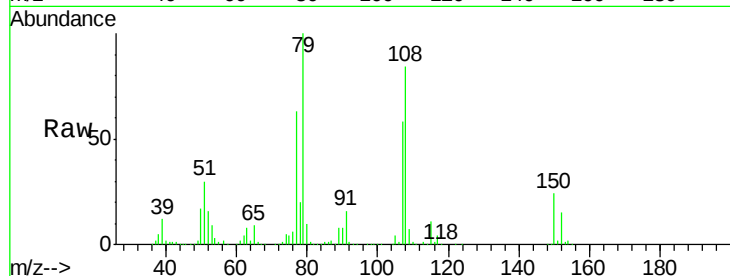
Tot Ion: 79 Resp: 594725

Ion Ratio Lower Upper

79 100

108 83.9 65.1 97.7

77 63.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.85 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

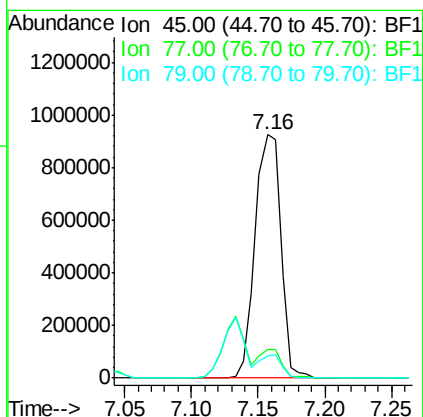
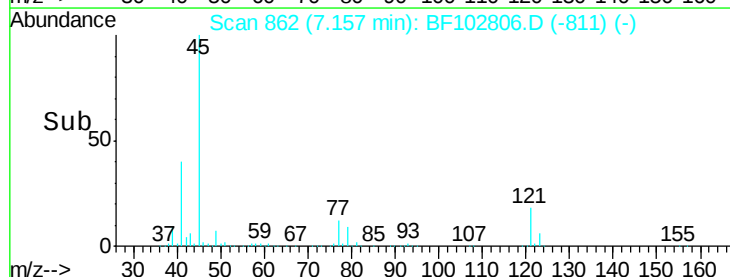
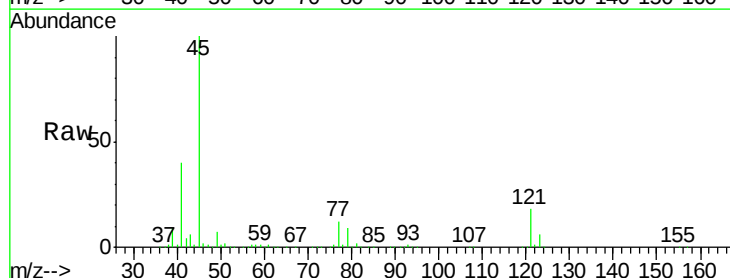
Tgt Ion: 45 Resp: 1223334

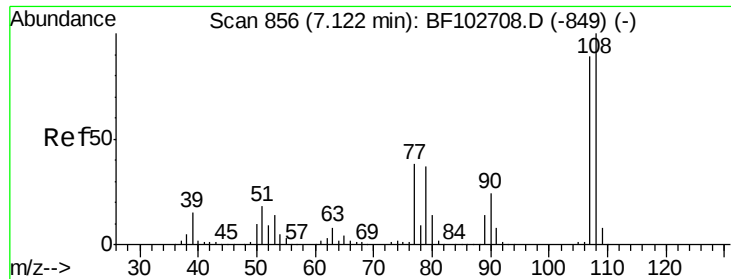
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

79 9.1 0.0 29.6

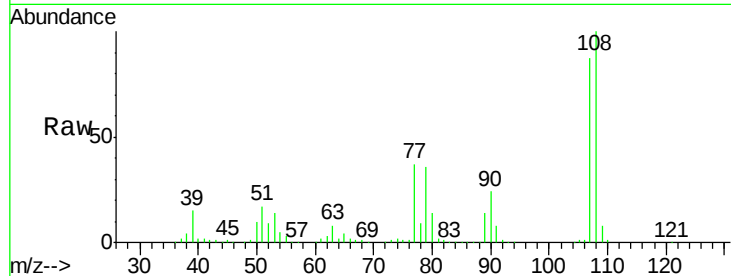




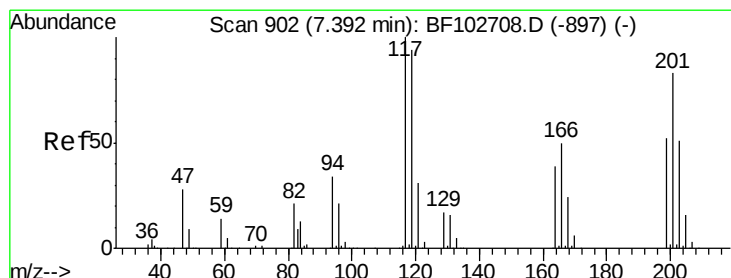
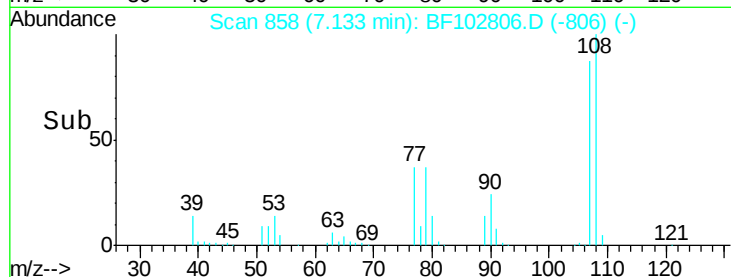
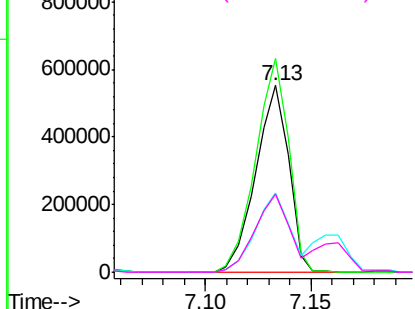
#17
2-Methylphenol
Concen: 37.85 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 601358
Ion Ratio Lower Upper
107 100
108 114.6 91.7 137.5
77 42.9 33.8 50.8
79 41.8 33.8 50.8

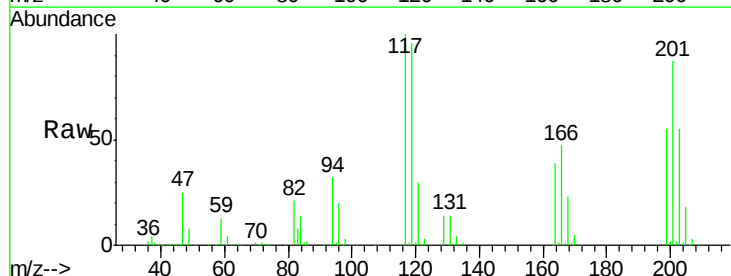


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

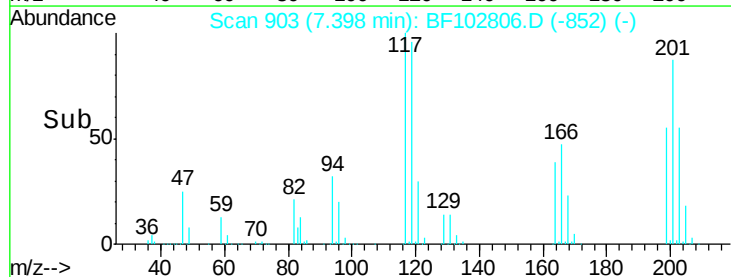
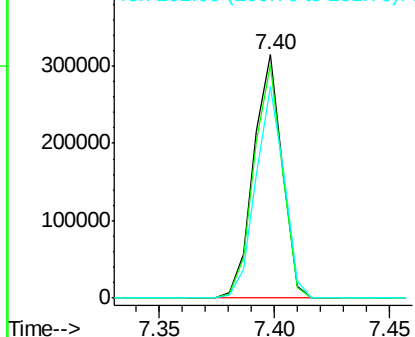


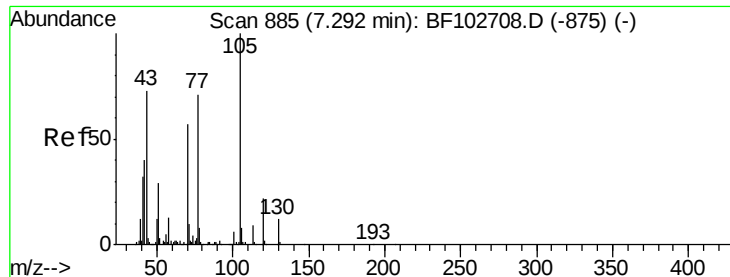
#18
Hexachloroethane
Concen: 39.90 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:117 Resp: 271847
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 86.9 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

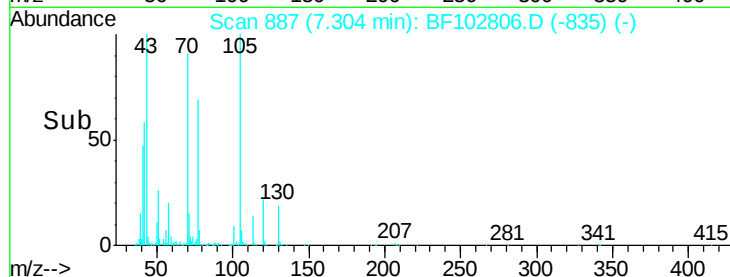
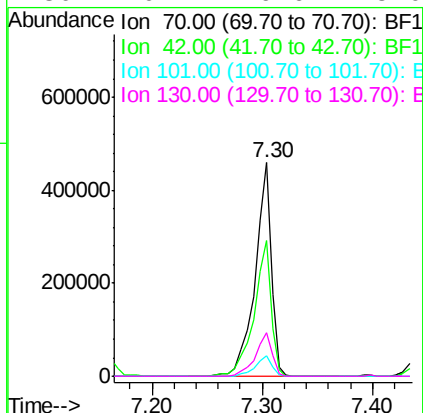
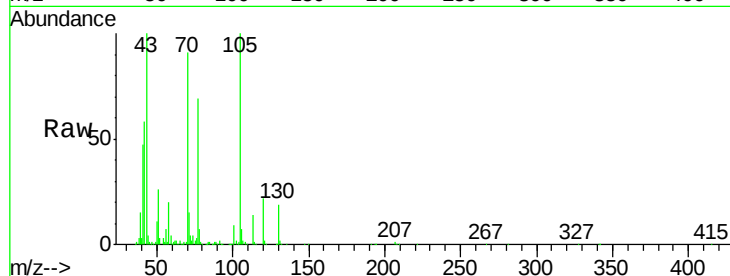




#19
n-Nitroso-di-n-propylamine
Concen: 36.11 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

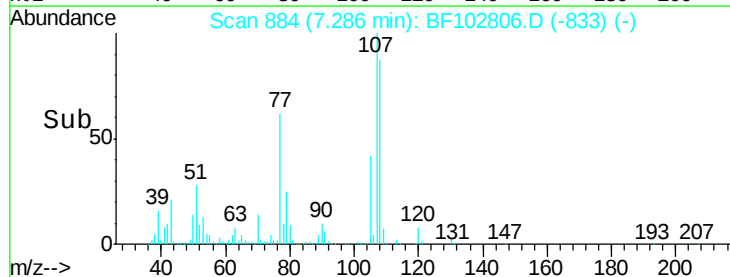
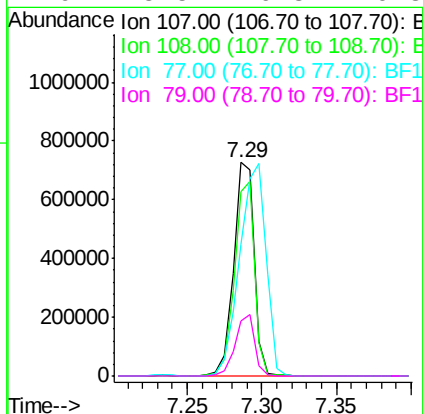
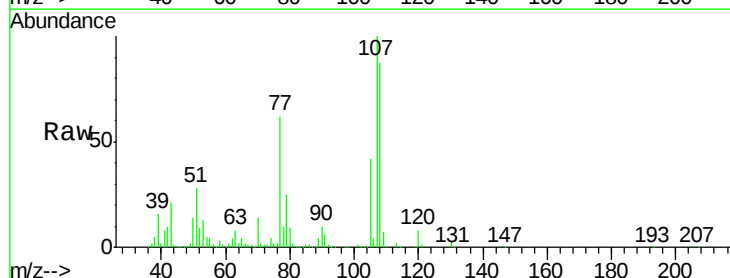
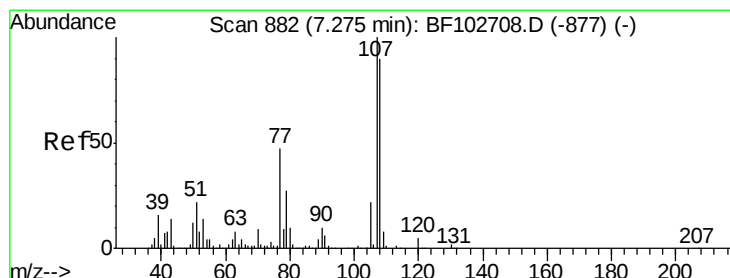
Instrument :
BNA_F
ClientSampleId :

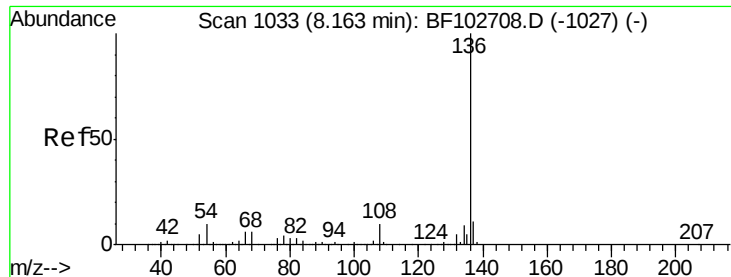
Tot Ion: 70 Resp: 479574
Ion Ratio Lower Upper
70 100
42 63.7 47.5 71.3
101 9.8 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.03 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:107 Resp: 705954
Ion Ratio Lower Upper
107 100
108 86.6 68.2 108.2
77 61.6 26.7 66.7
79 25.5 6.3 46.3

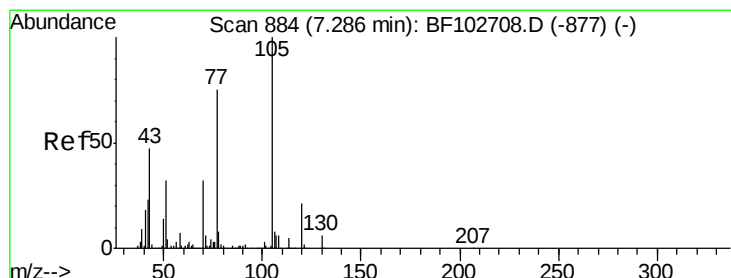
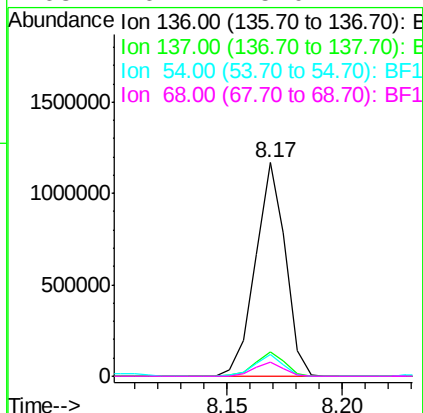
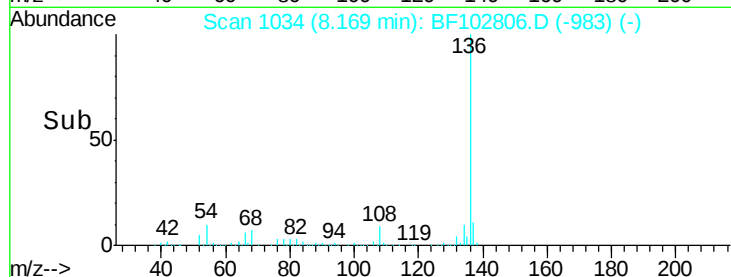
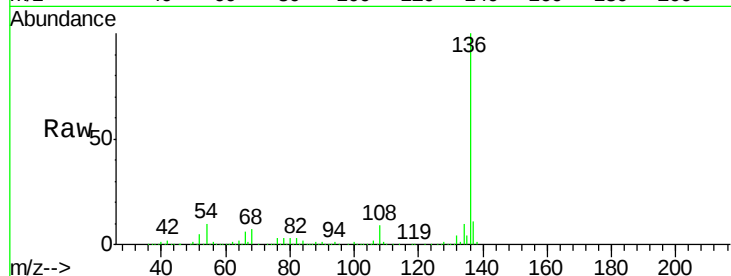




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

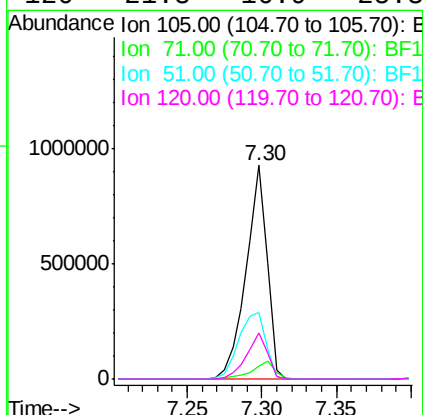
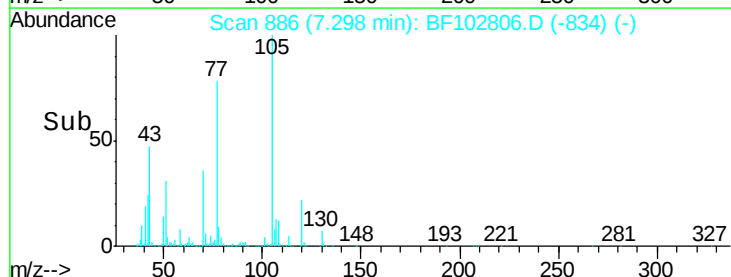
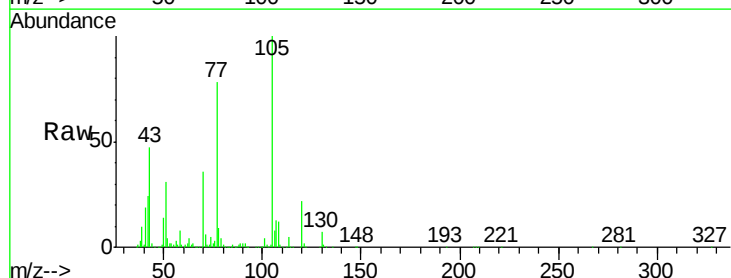
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1058591
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 10.3	6.6 9.8#
68 6.7	5.0 7.4



#22
Acetophenone
Concen: 35.06 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt	Ion:105	Resp:	908172
Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.4	6.6
51	31.4	22.3	33.5
120	21.8	16.9	25.3

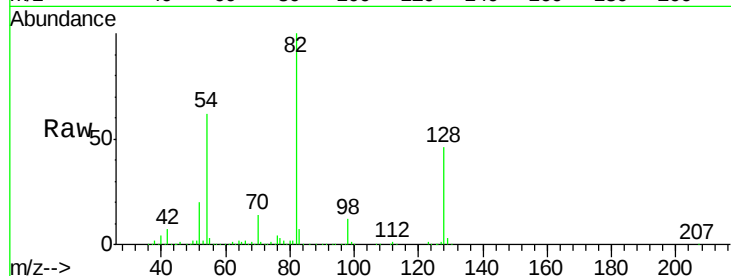




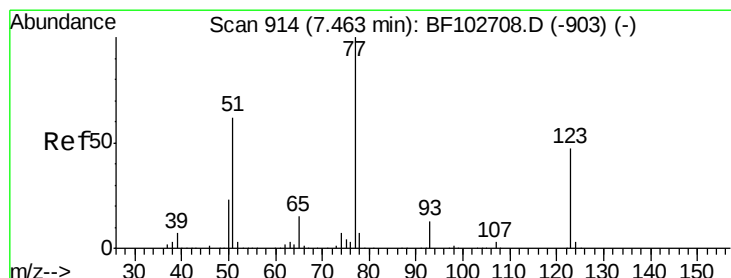
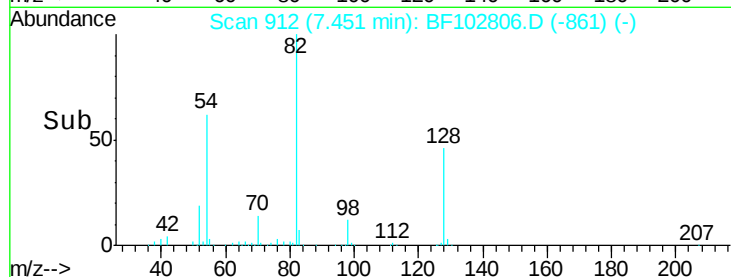
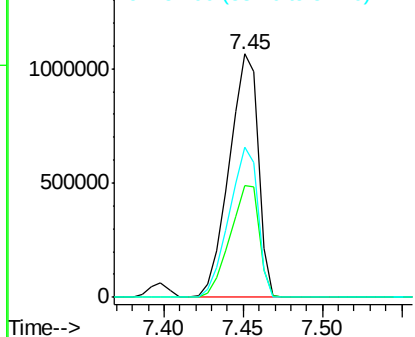
#23
Nitrobenzene-d5
Concen: 88.35 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1348215
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 61.6 41.4 62.2

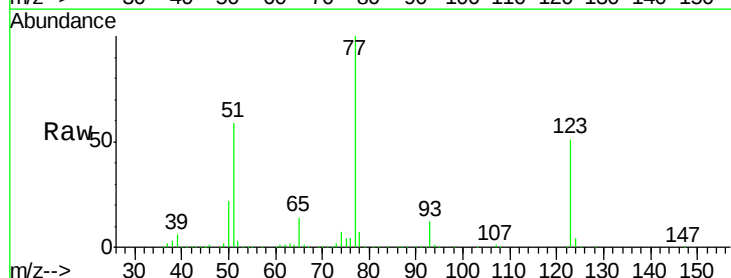


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

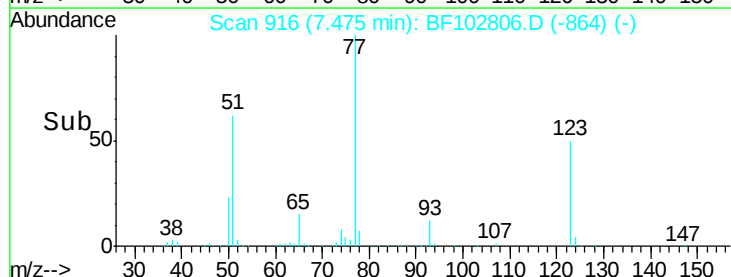
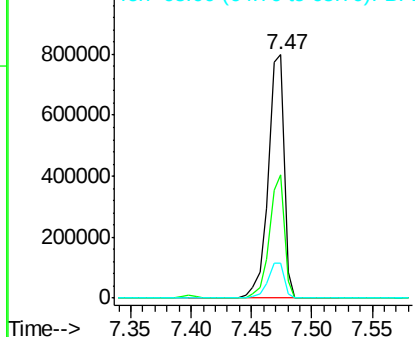


#24
Nitrobenzene
Concen: 41.25 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion: 77 Resp: 740468
Ion Ratio Lower Upper
77 100
123 50.7 37.9 56.9
65 14.4 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: 37.63 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :

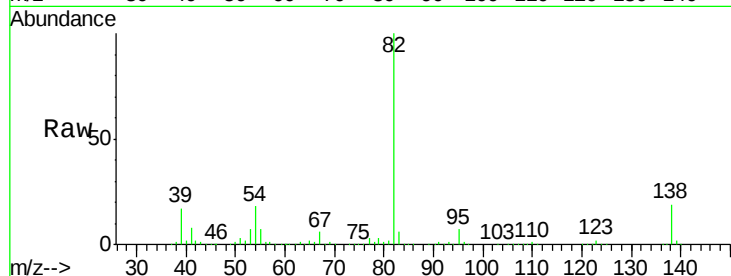
Tot Ion: 82 Resp: 1322110

Ion Ratio Lower Upper

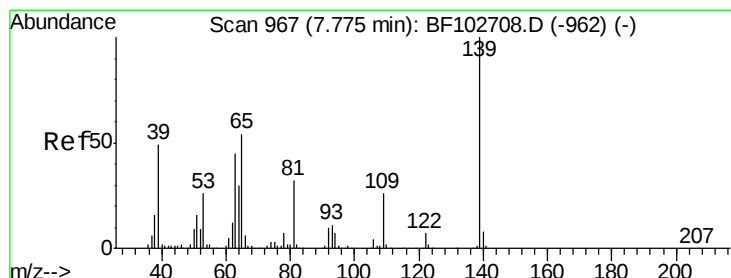
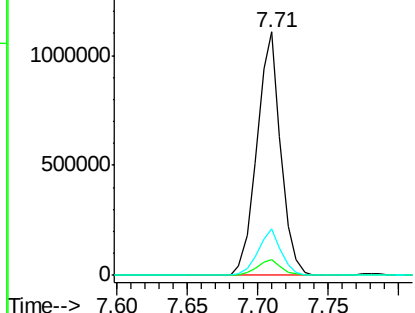
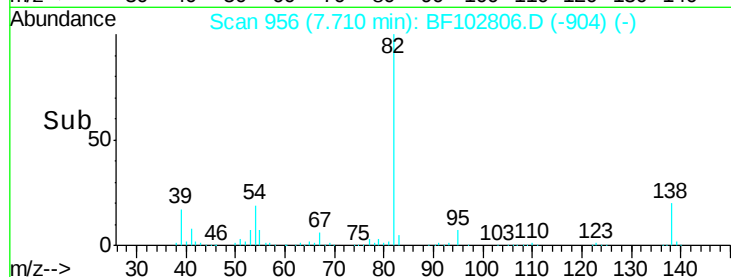
82 100

95 6.7 5.2 7.8

138 19.0 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: 51.00 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

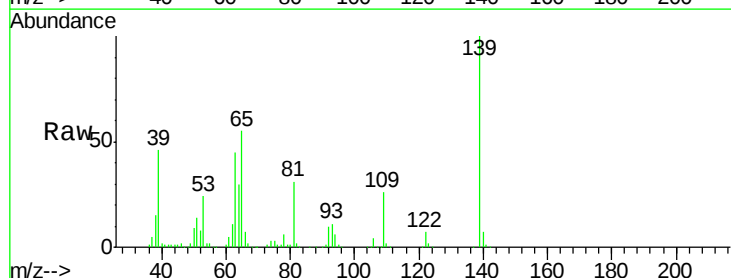
Tgt Ion: 139 Resp: 380978

Ion Ratio Lower Upper

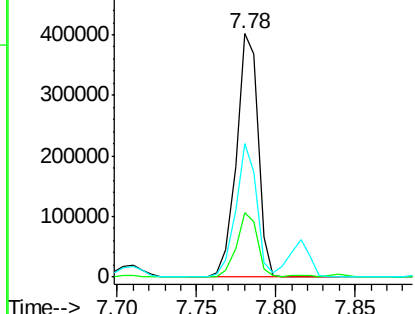
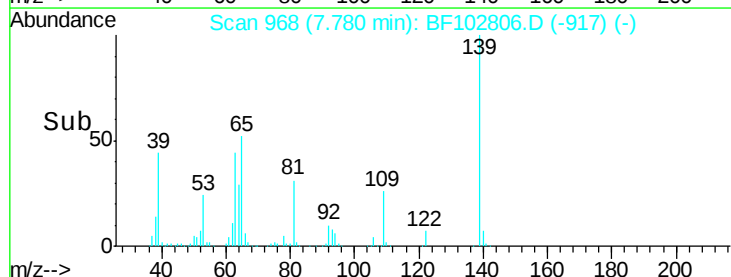
139 100

109 26.3 22.7 34.1

65 54.7 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 38.99 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

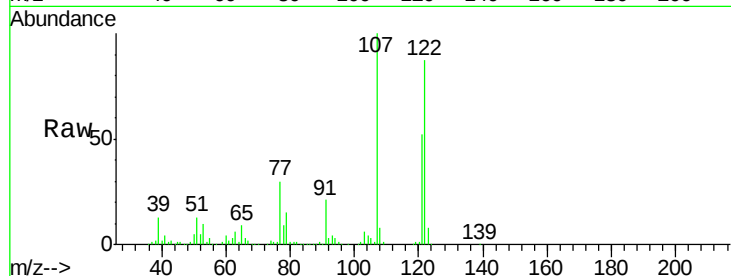
Tot Ion:122 Resp: 578793

Ion Ratio Lower Upper

122 100

107 115.0 91.2 136.8

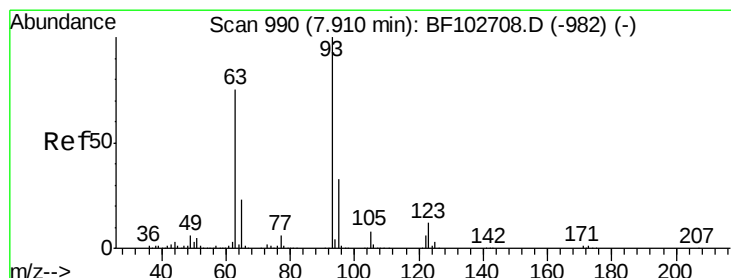
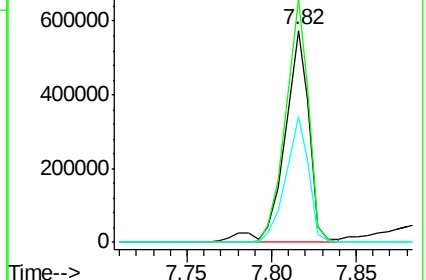
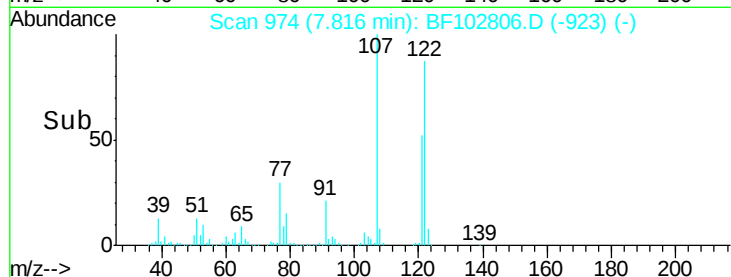
121 59.4 47.2 70.8



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: 37.33 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

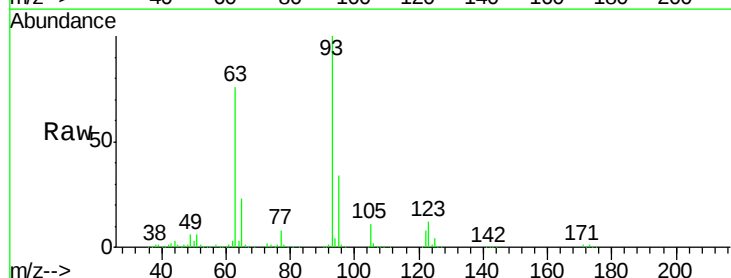
Tgt Ion: 93 Resp: 777020

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

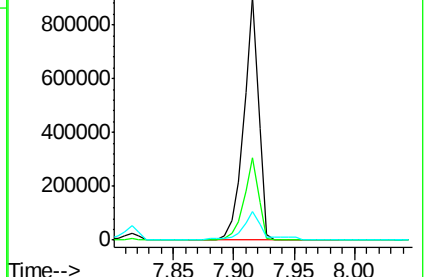
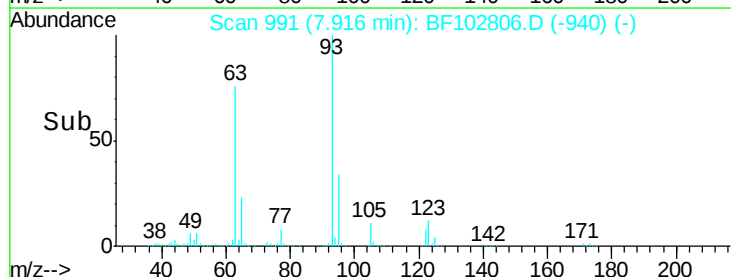
123 12.0 9.8 14.6

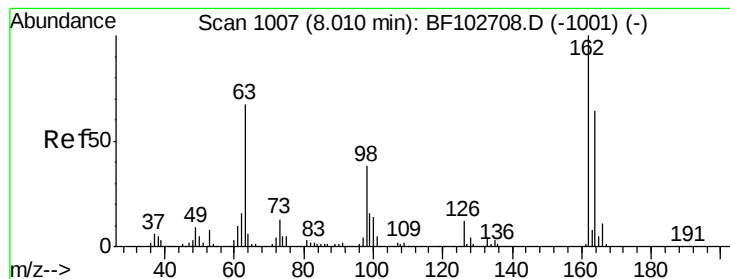


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.86 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

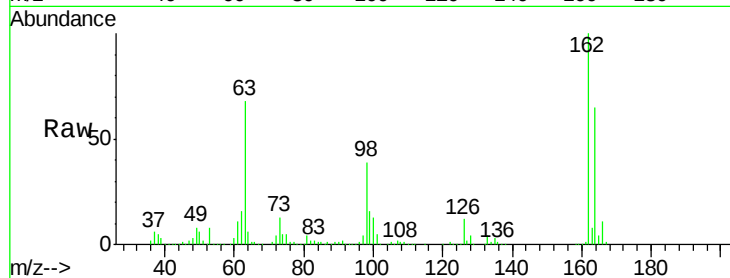
Tot Ion:162 Resp: 537981

Ion Ratio Lower Upper

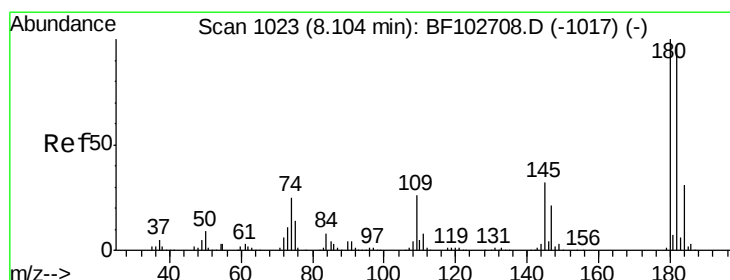
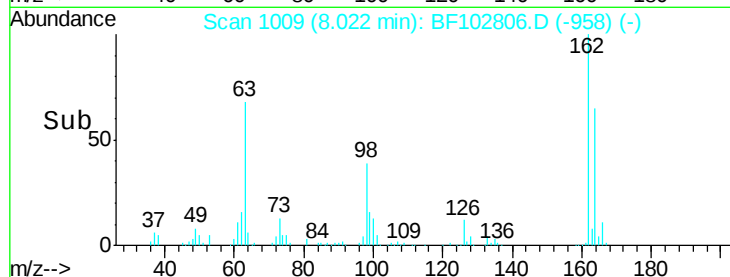
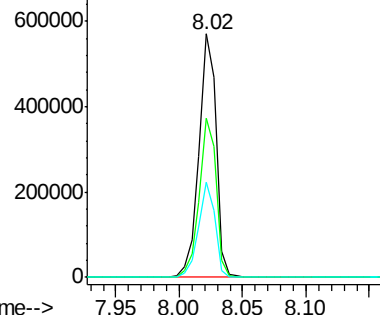
162 100

164 65.2 42.7 82.7

98 39.2 18.1 58.1



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



#30

1,2,4-Trichlorobenzene

Concen: 37.62 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

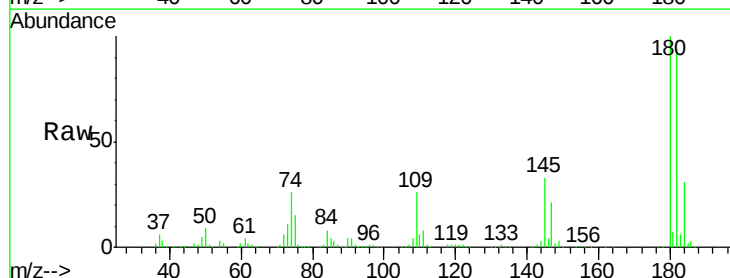
Tgt Ion:180 Resp: 574405

Ion Ratio Lower Upper

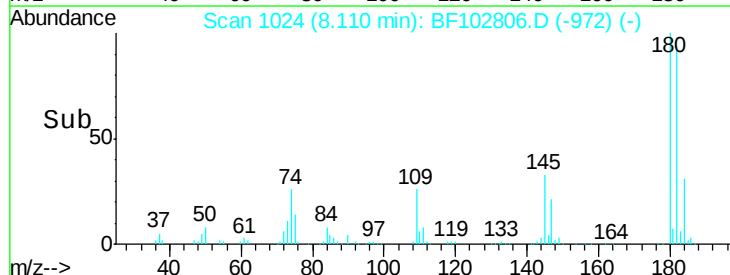
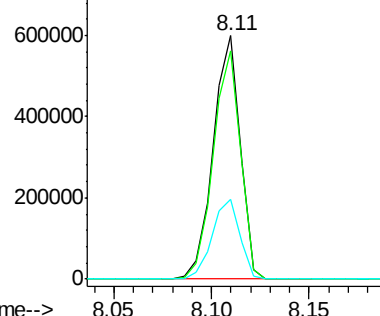
180 100

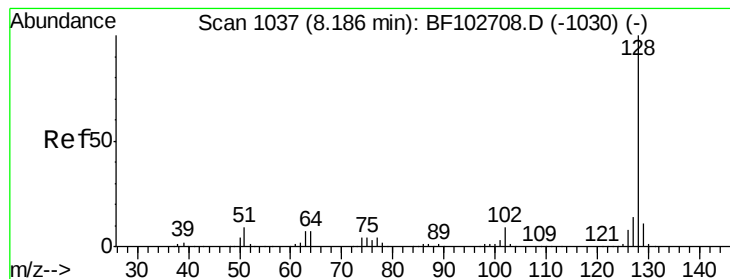
182 93.7 76.8 115.2

145 32.7 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: 36.46 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

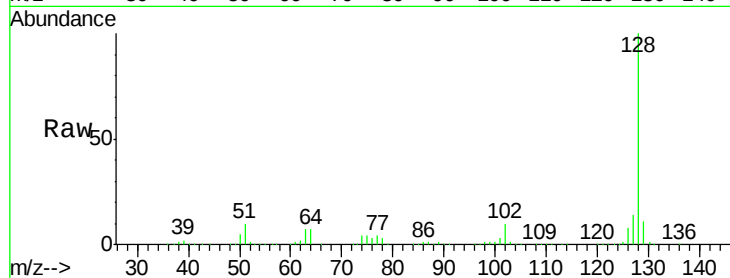
Tot Ion:128 Resp: 1885644

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

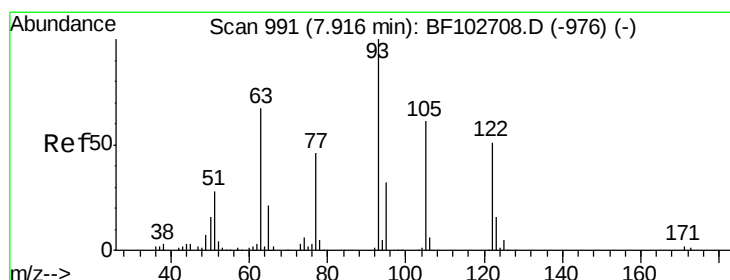
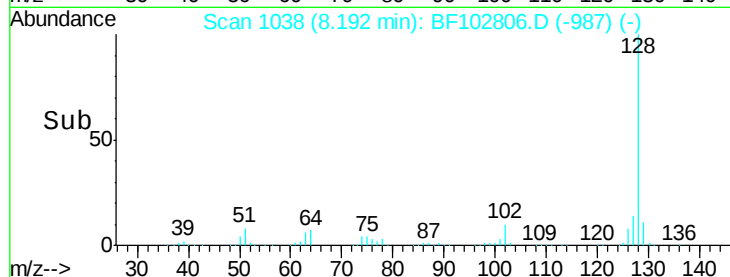
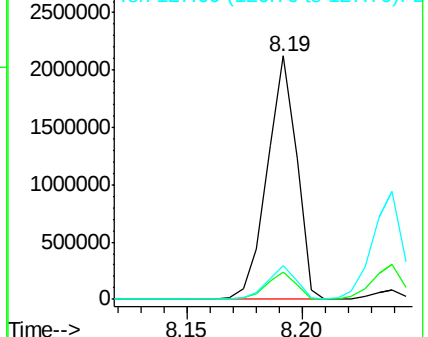
127 13.8 10.9 16.3



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: 46.31 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

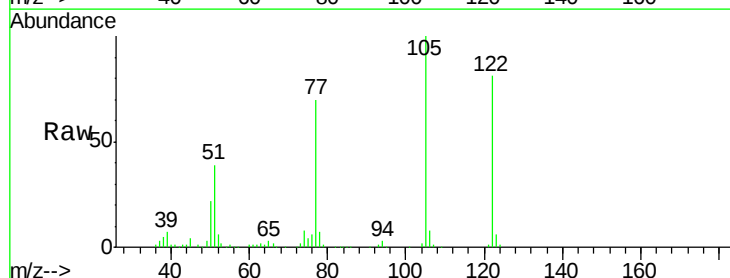
Tgt Ion:122 Resp: 478622

Ion Ratio Lower Upper

122 100

105 123.4 101.1 141.1

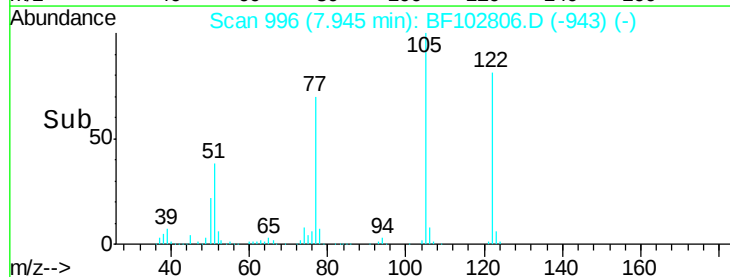
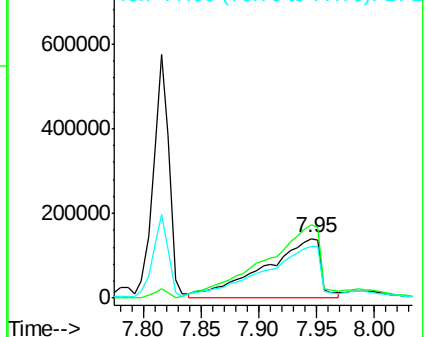
77 86.6 70.7 110.7



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

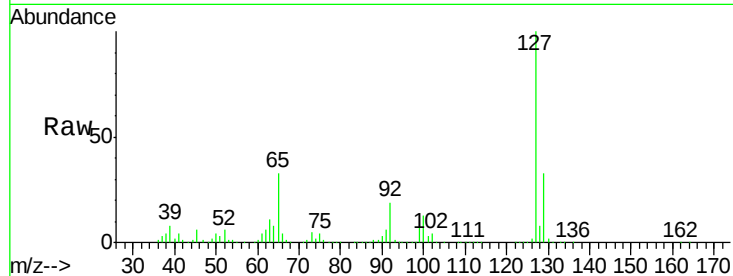




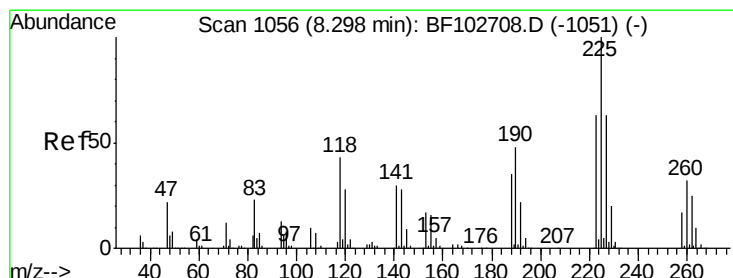
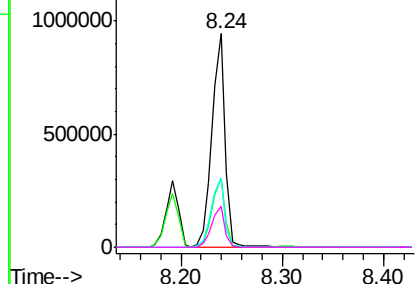
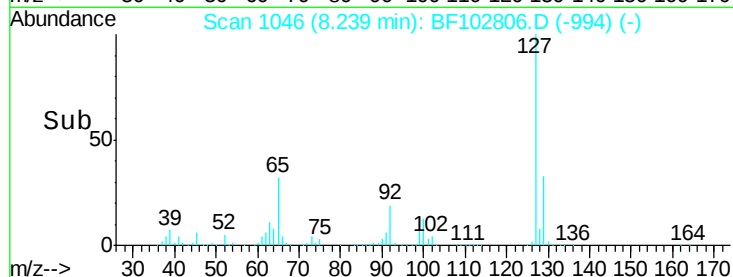
#33
4-Chloroaniline
Concen: 38.33 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	853992
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	32.6	25.0	37.4
92	18.9	15.2	22.8

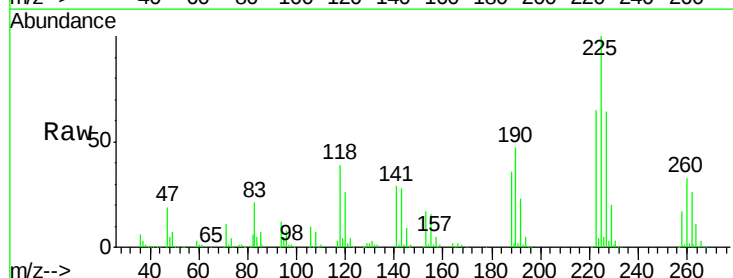


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

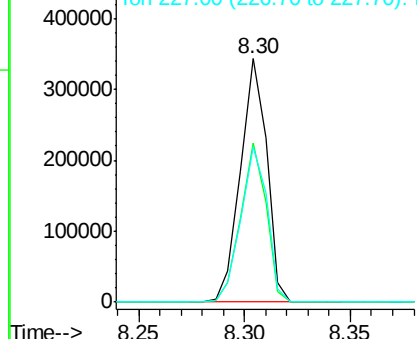
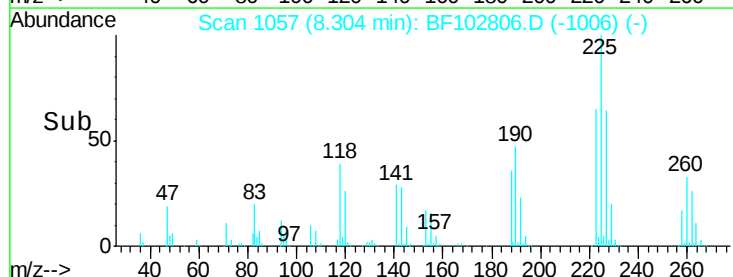


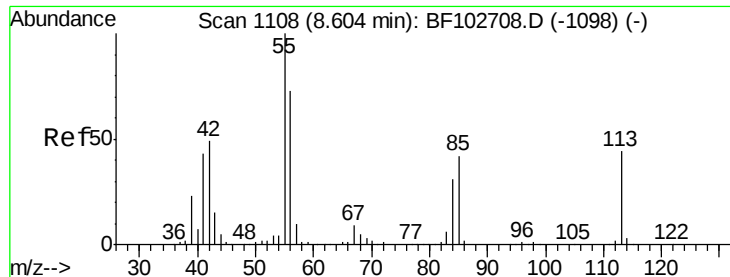
#34
Hexachlorobutadiene
Concen: 37.80 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:	225	Resp:	295724
Ion	Ratio	Lower	Upper
225	100		
223	65.2	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

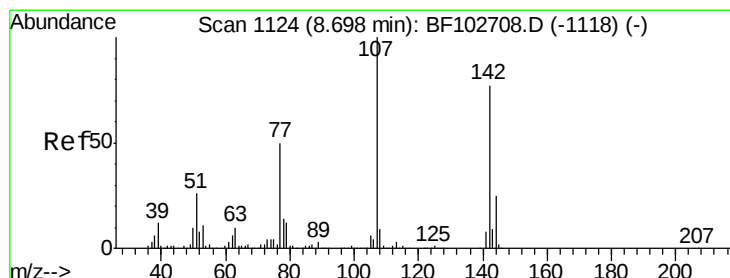
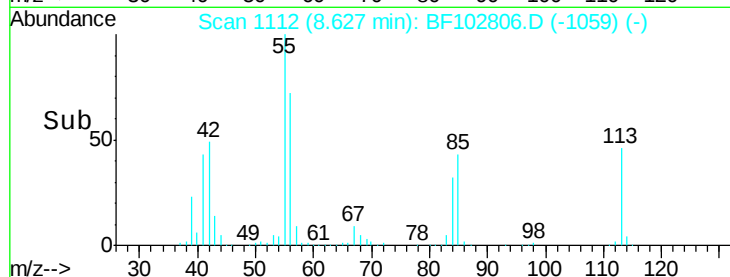
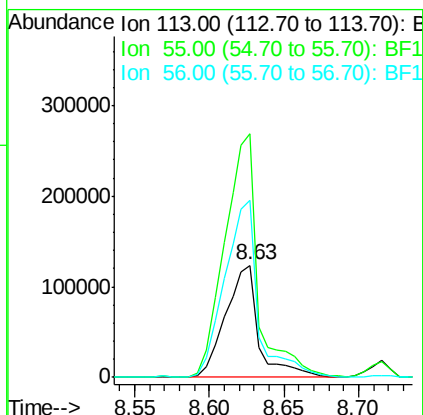
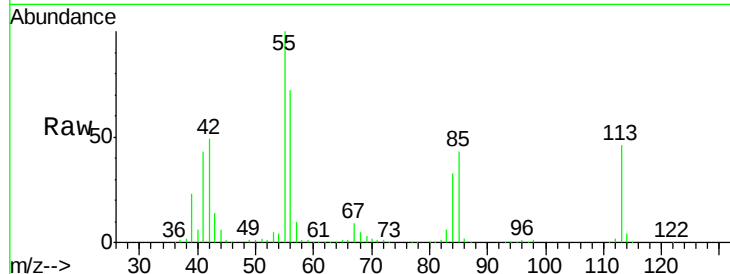




#35
Caprolactam
Concen: 41.17 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

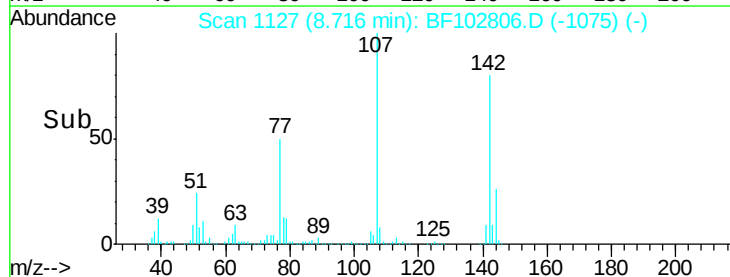
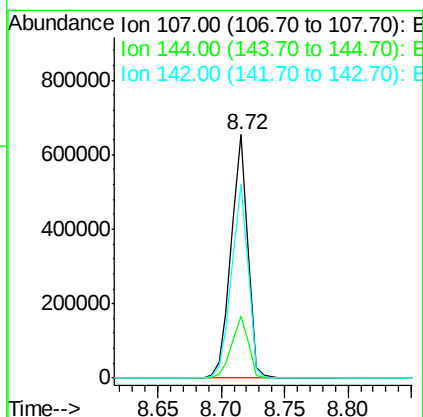
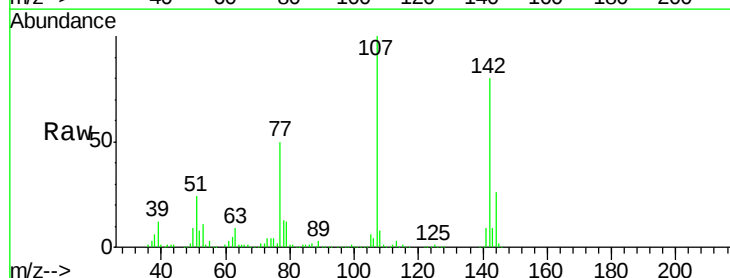
Instrument :
BNA_F
ClientSampleId :

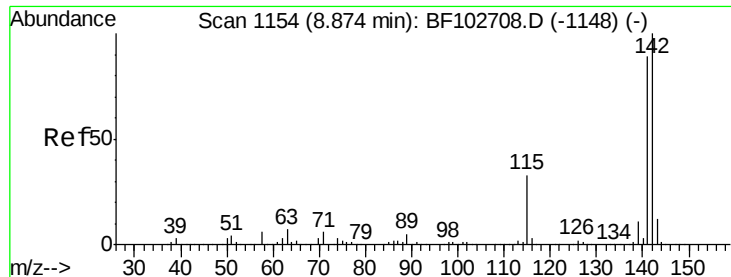
Tot Ion:113 Resp: 192934
Ion Ratio Lower Upper
113 100
55 217.1 163.3 203.3#
56 157.4 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 39.08 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:107 Resp: 592579
Ion Ratio Lower Upper
107 100
144 25.5 20.5 30.7
142 79.6 62.0 93.0

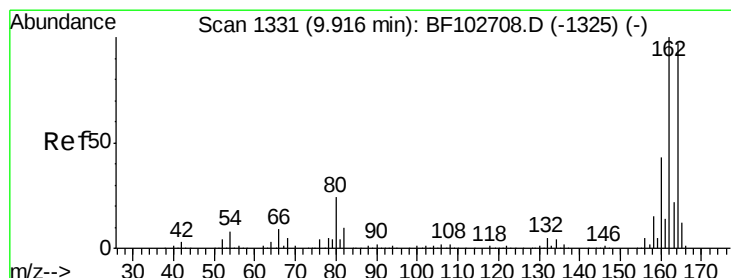
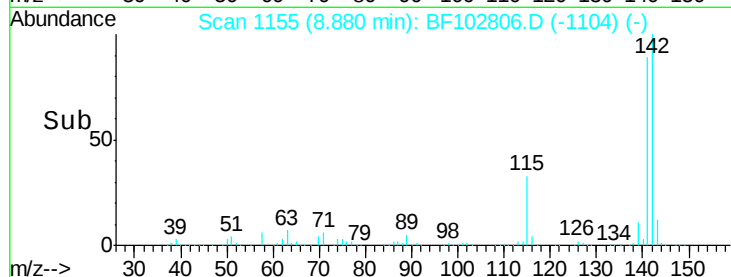
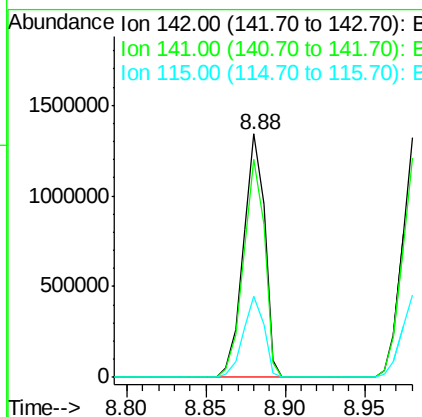
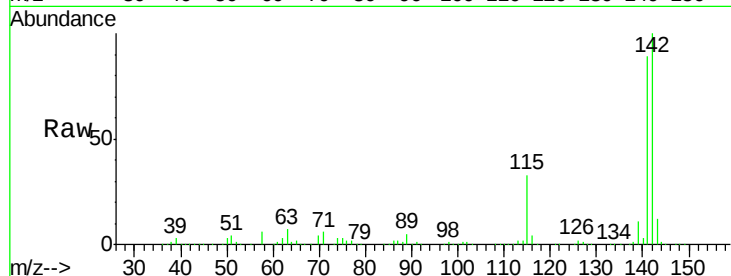




#37
2-Methylnaphthalene
Concen: 36.75 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

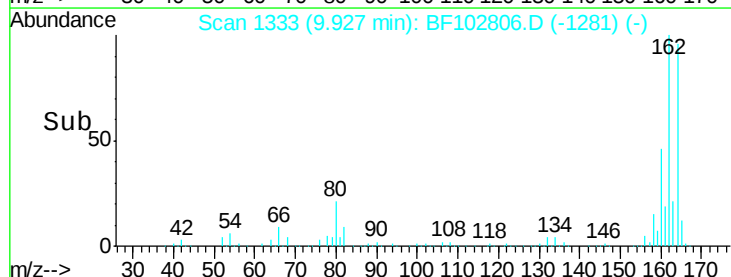
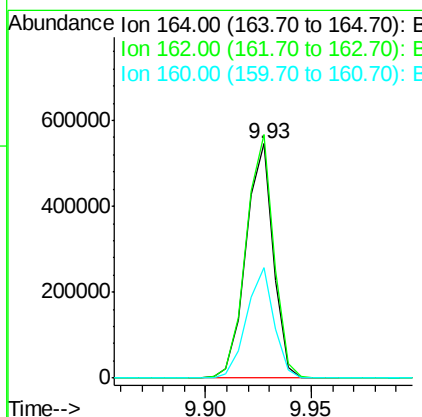
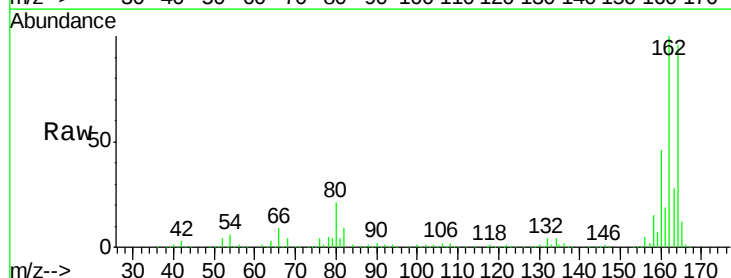
Instrument :
BNA_F
ClientSampleId :

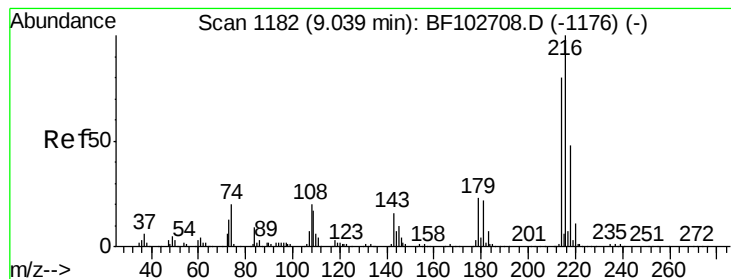
Tot Ion:142 Resp: 1244423
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2
115 33.2 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:164 Resp: 489164
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 47.4 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.77 ng

RT: 9.04 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102806.D

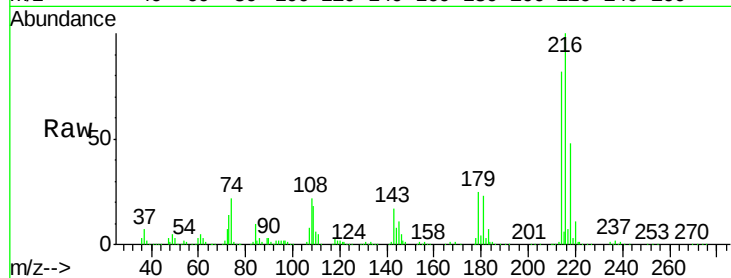
Acq: 7 Feb 2018 10:59

Instrument :

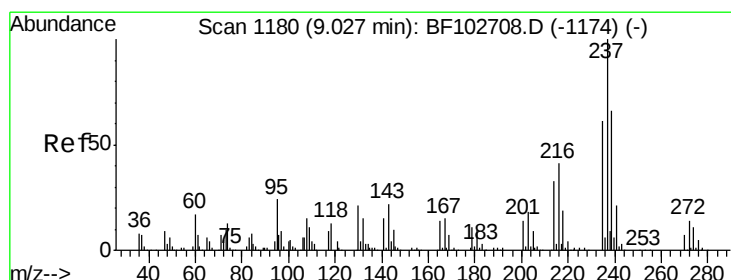
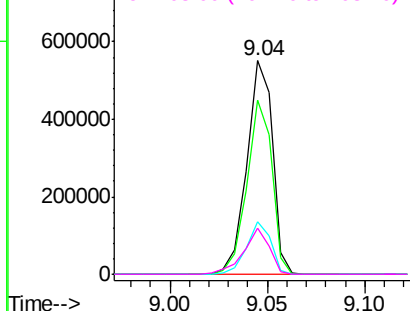
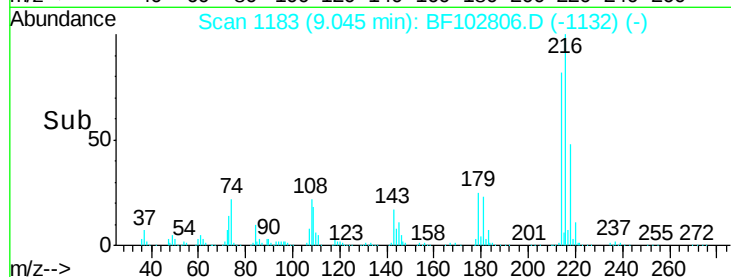
BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	503004
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.0	94.4
179	23.1	18.1	27.1
108	21.9	17.2	25.8



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.35 ng

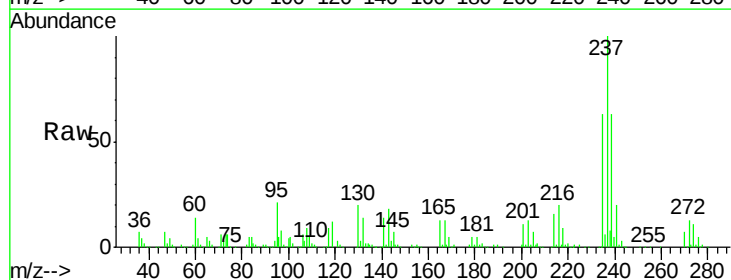
RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

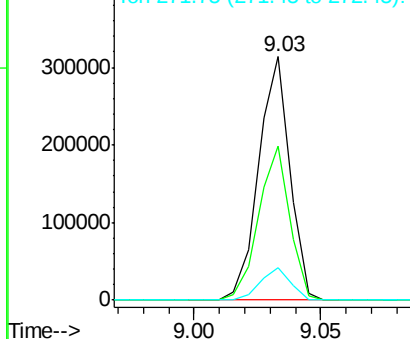
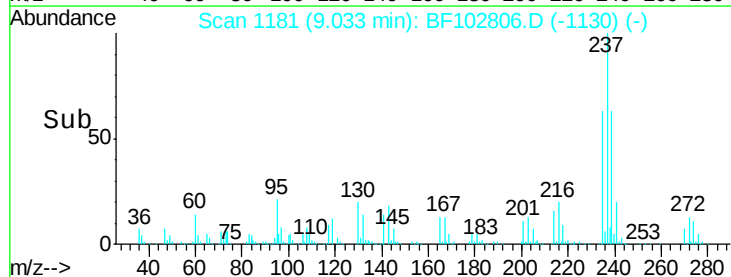
Lab File: BF102806.D

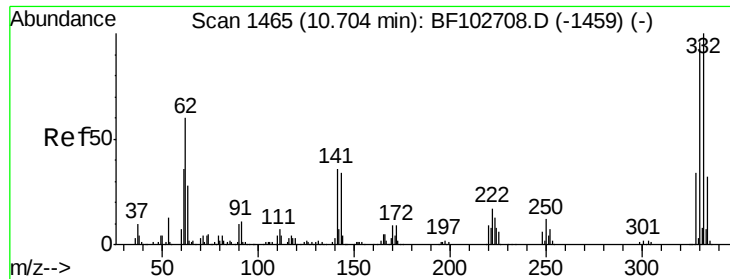
Acq: 7 Feb 2018 10:59

Tgt Ion:	237	Resp:	268122
Ion Ratio		Lower	Upper
237	100		
235	63.1	44.8	84.8
272	13.2	0.0	33.3



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

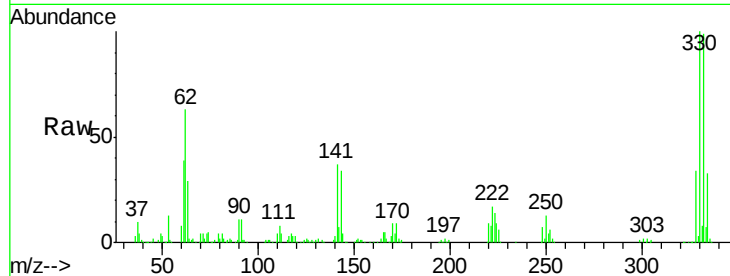




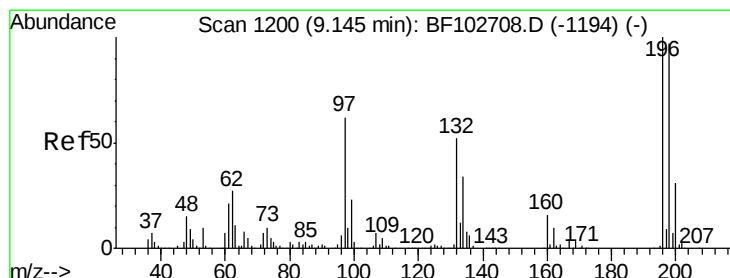
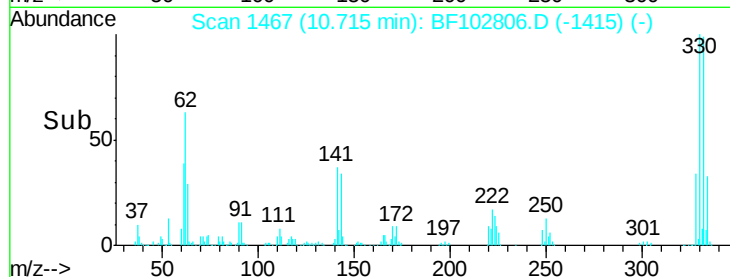
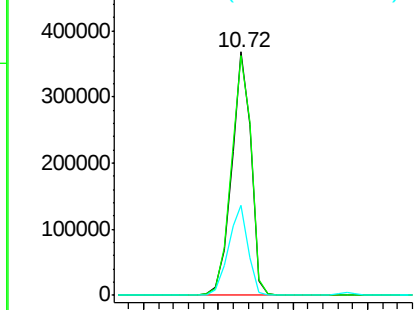
#41
 2,4,6-Tribromophenol
 Concen: 85.92 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.0	115.6
141	37.6	29.9	44.9

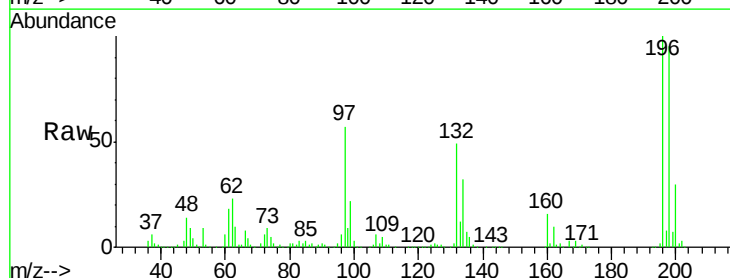


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

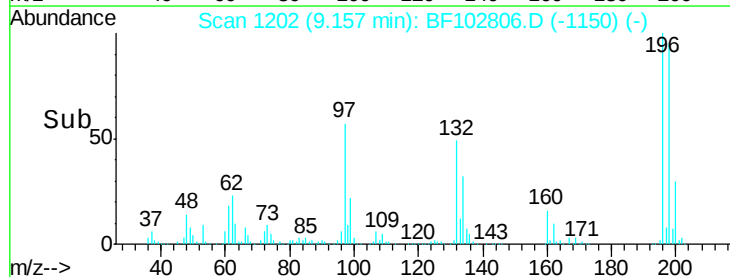
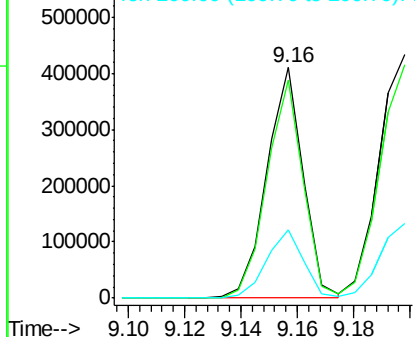


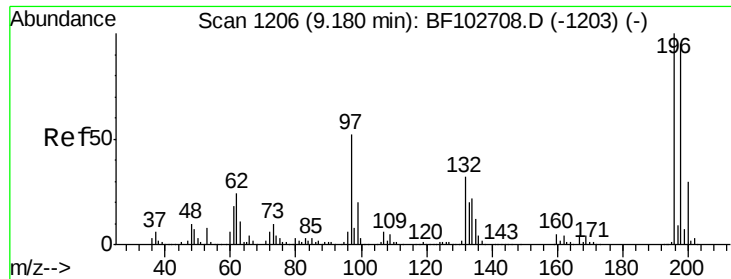
#42
 2,4,6-Trichlorophenol
 Concen: 41.71 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	29.8	24.5	36.7



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

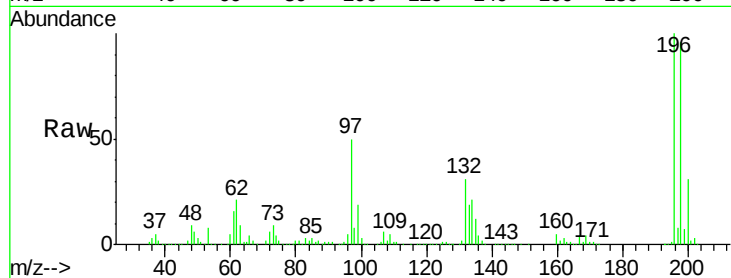




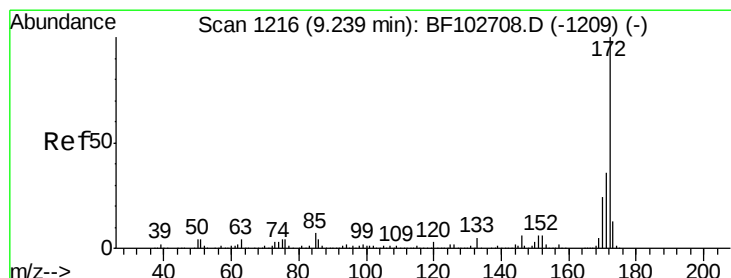
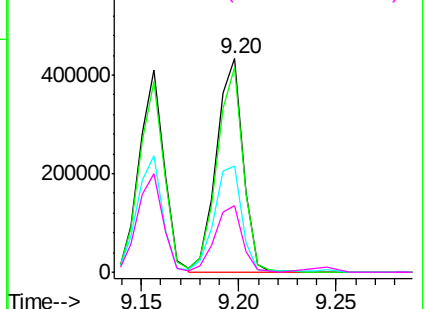
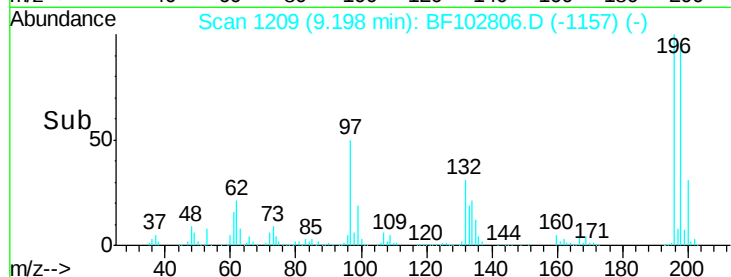
#43
 2,4,5-Trichlorophenol
 Concen: 41.49 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 409095
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.6 112.0
 97 49.8 42.9 64.3
 132 31.0 26.3 39.5

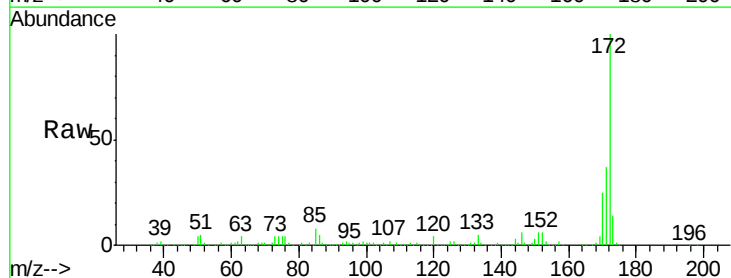


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

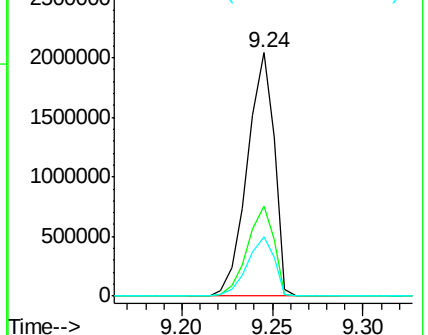
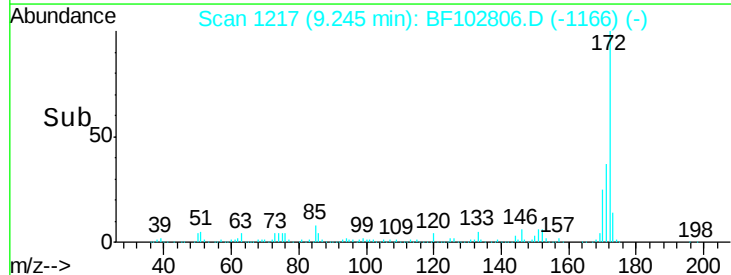


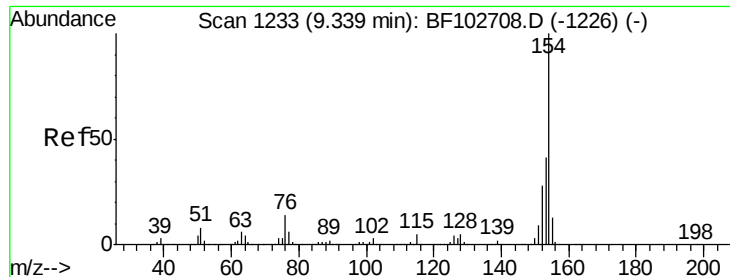
#44
 2-Fluorobiphenyl
 Concen: 71.66 ng
 RT: 9.24 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:172 Resp: 2112481
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.5 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: 35.99 ng

RT: 9.34 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

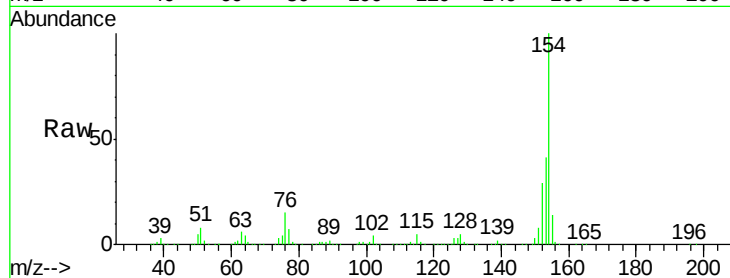
Tot Ion:154 Resp: 1482997

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

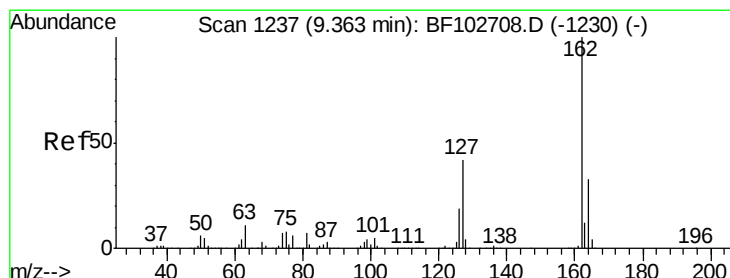
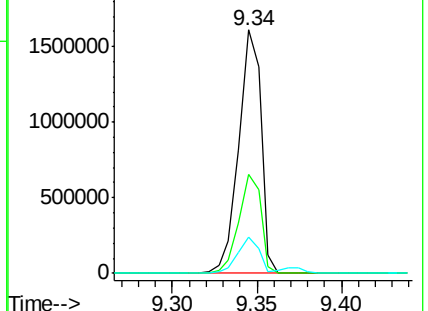
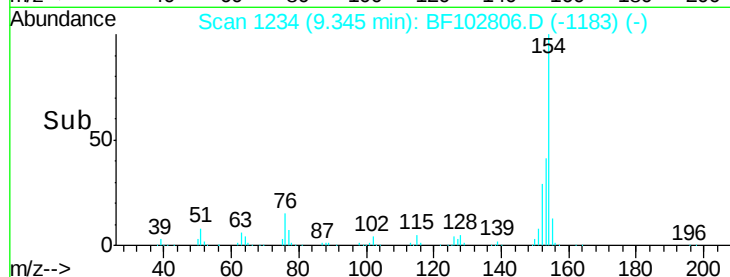
76 14.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.92 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

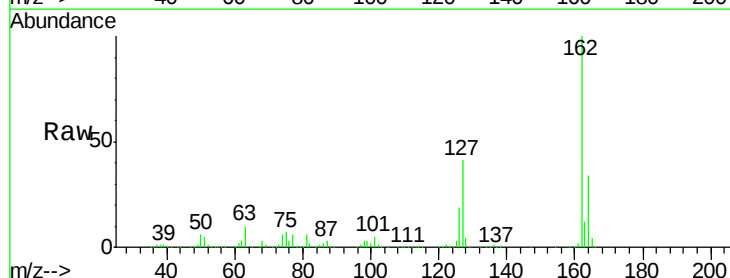
Tgt Ion:162 Resp: 1197630

Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

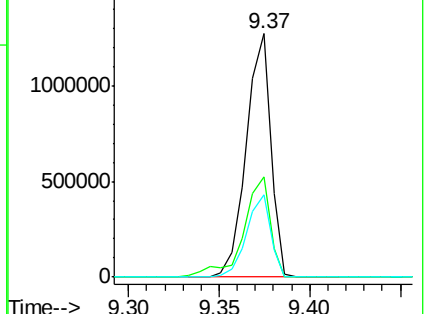
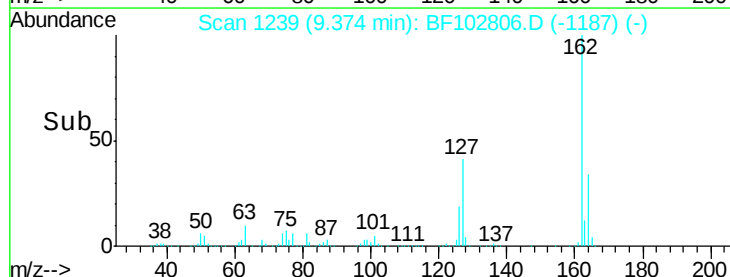
164 34.0 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

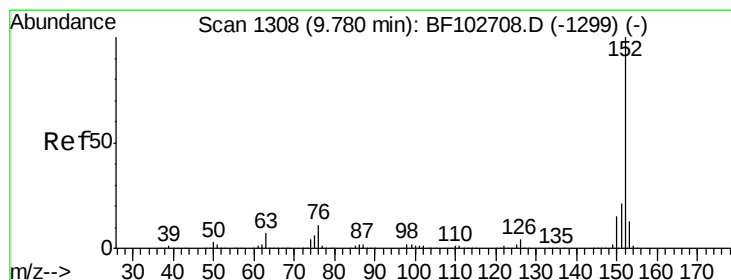
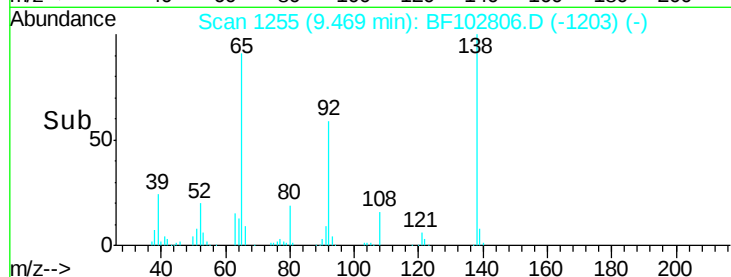
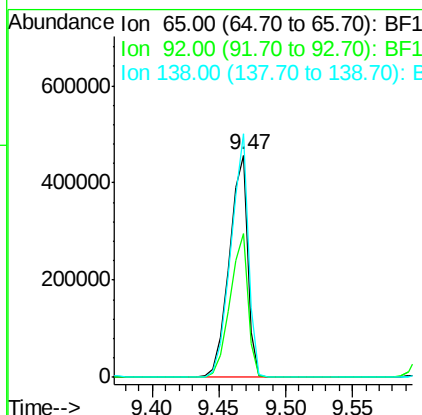
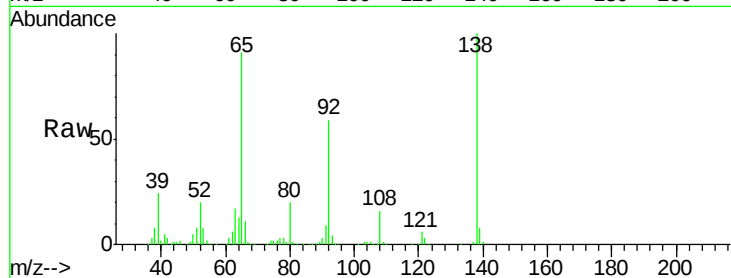




#47
2-Nitroaniline
Concen: 45.10 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

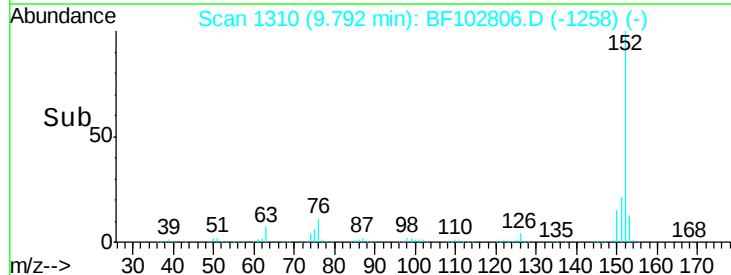
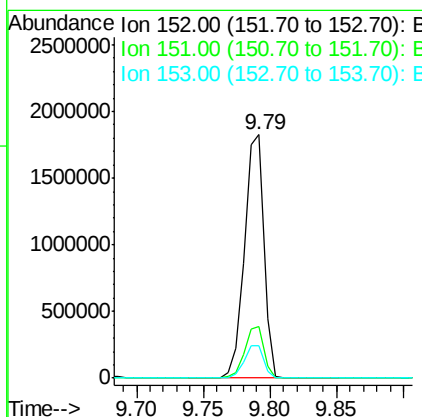
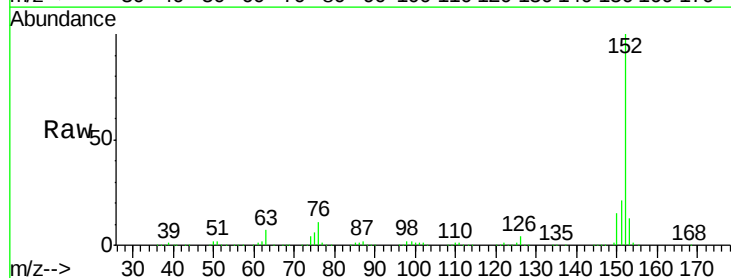
Instrument :
BNA_F
ClientSampleId :

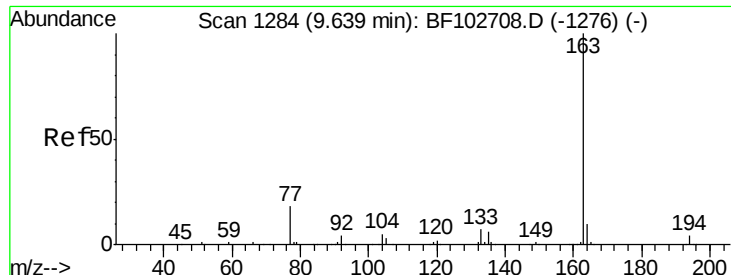
Tot Ion: 65 Resp: 449147
Ion Ratio Lower Upper
65 100
92 64.6 55.8 83.6
138 109.7 91.2 136.8



#48
Acenaphthylene
Concen: 36.27 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion: 152 Resp: 1827433
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.1 10.7 16.1

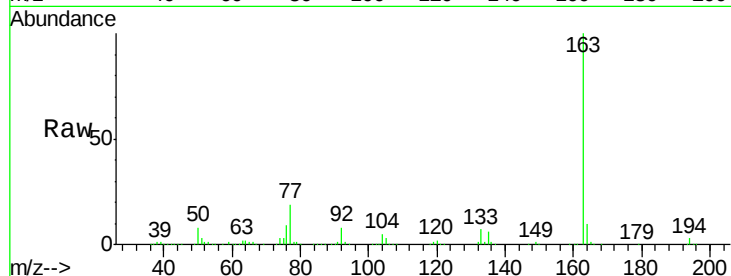




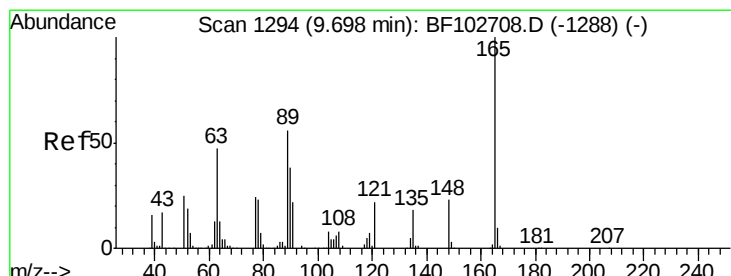
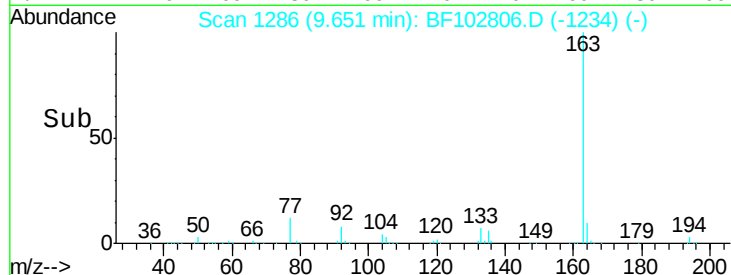
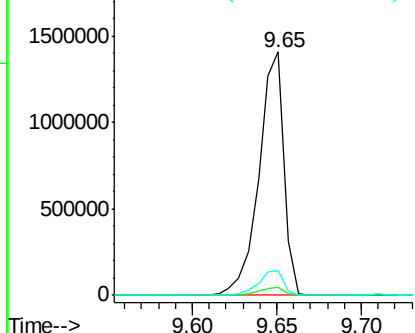
#49
Dimethylphthalate
Concen: 37.67 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1436821
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

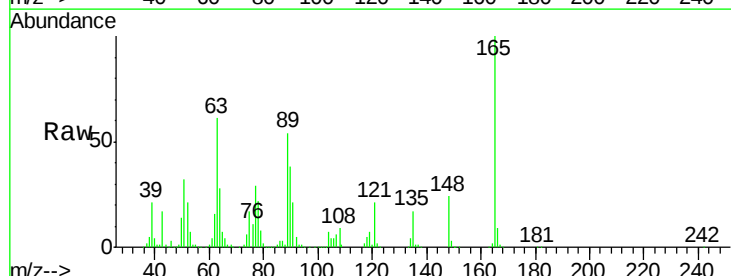


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

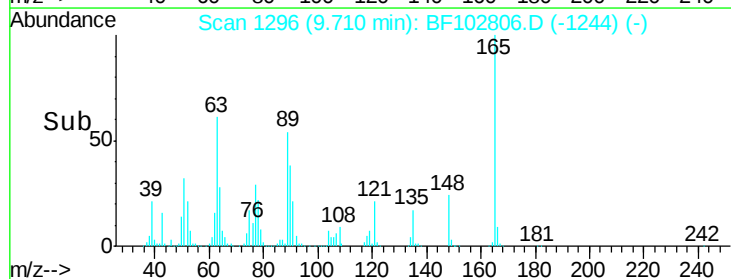
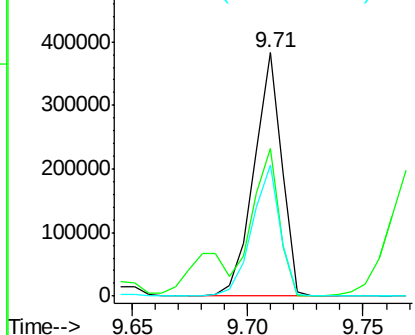


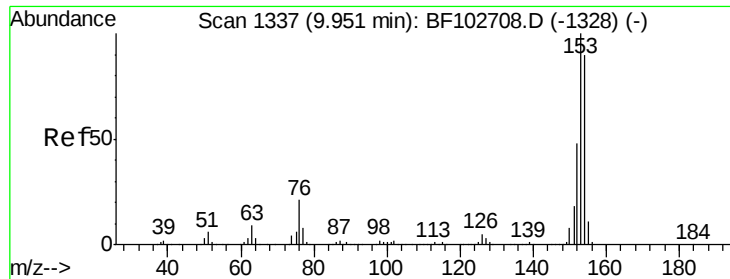
#50
2,6-Dinitrotoluene
Concen: 44.37 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:165 Resp: 321999
Ion Ratio Lower Upper
165 100
63 60.7 44.7 67.1
89 53.7 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: 37.23 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

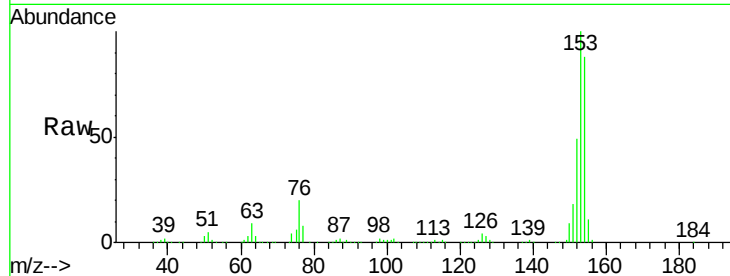
Tot Ion:154 Resp: 1121781

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

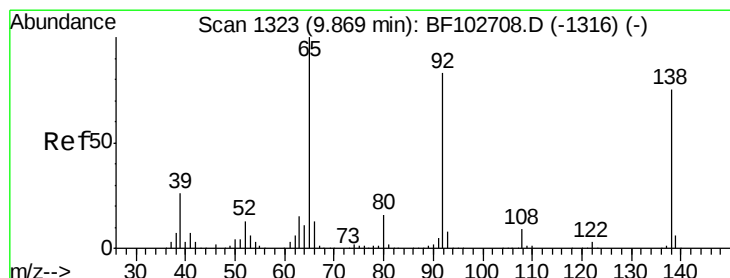
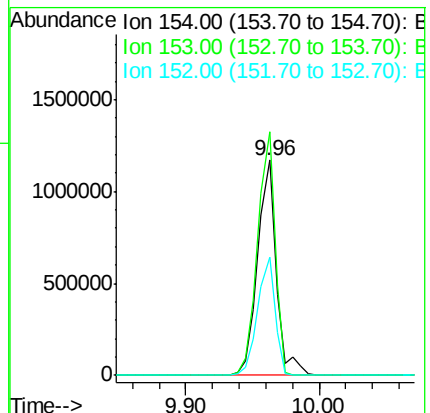
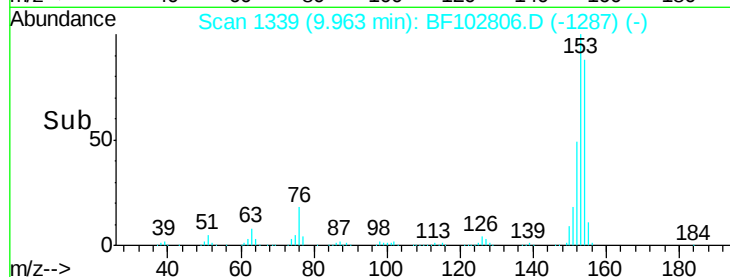
152 55.0 43.8 65.8



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: 45.31 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

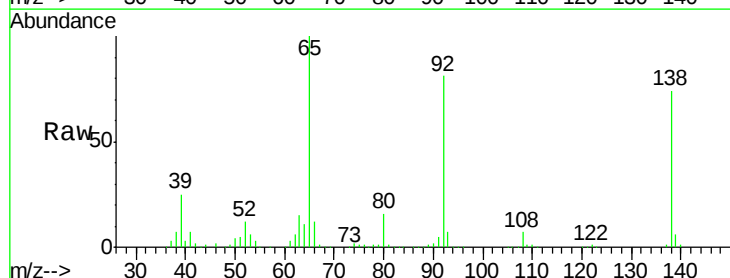
Tgt Ion:138 Resp: 404580

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

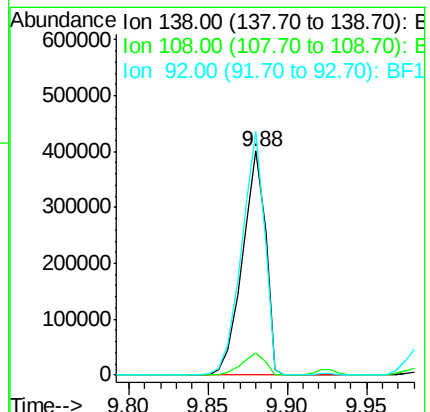
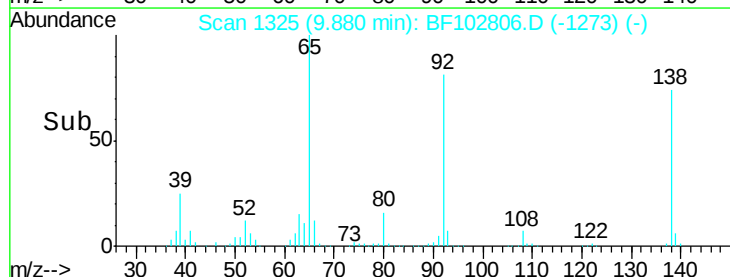
92 108.8 89.4 134.2

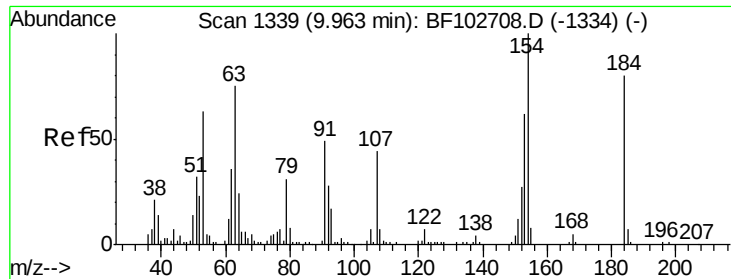


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

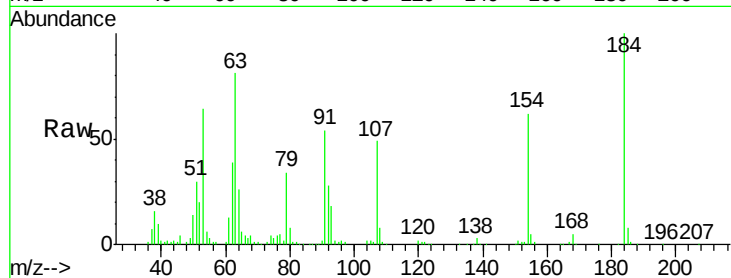




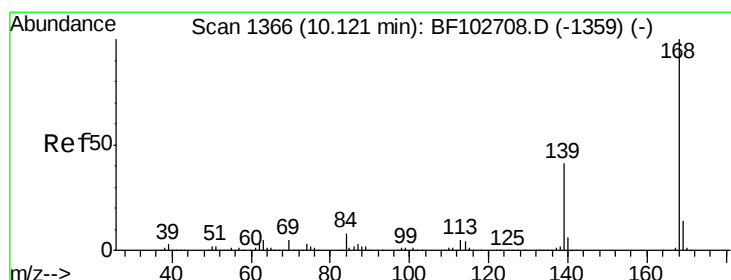
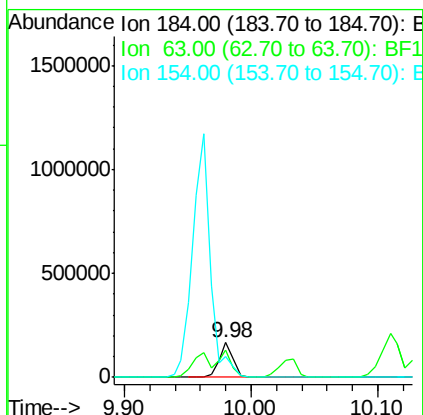
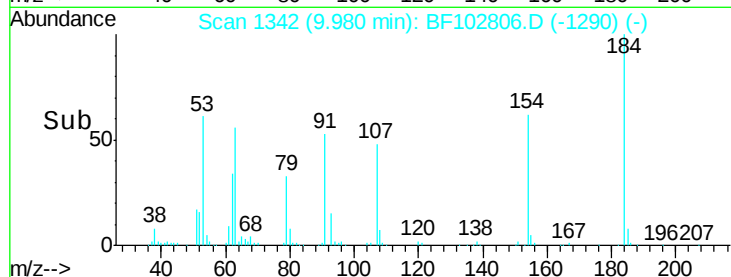
#53
2,4-Dinitrophenol
Concen: 63.92 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 133306
Ion Ratio Lower Upper
184 100
63 80.8 54.2 81.2
154 61.9 184.0 276.0#

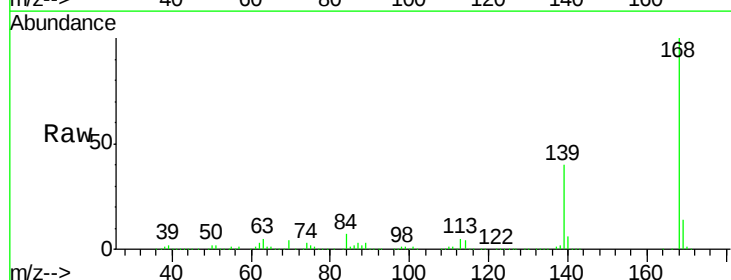


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

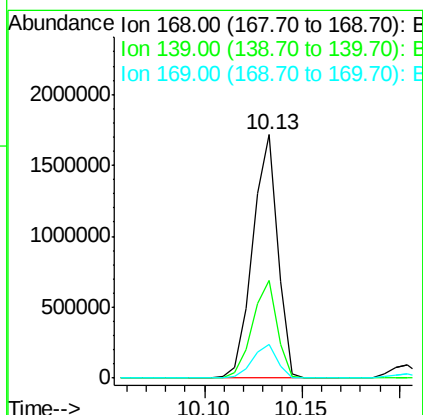
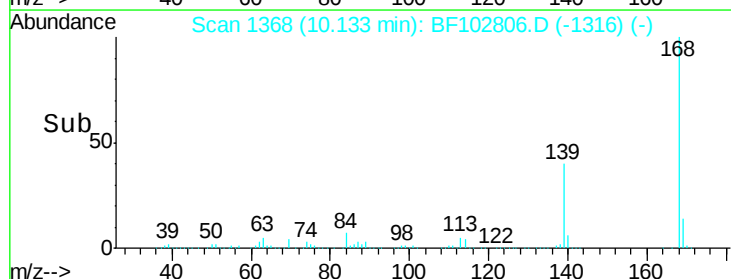


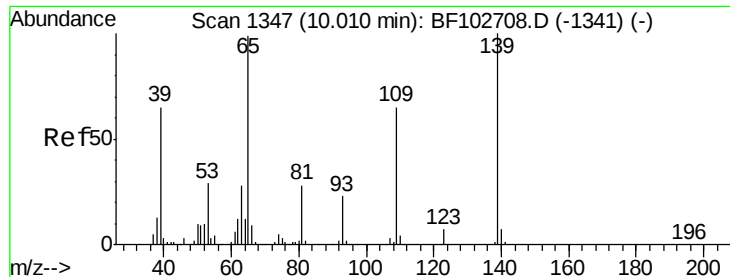
#54
Dibenzofuran
Concen: 35.86 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:168 Resp: 1522625
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 13.9 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

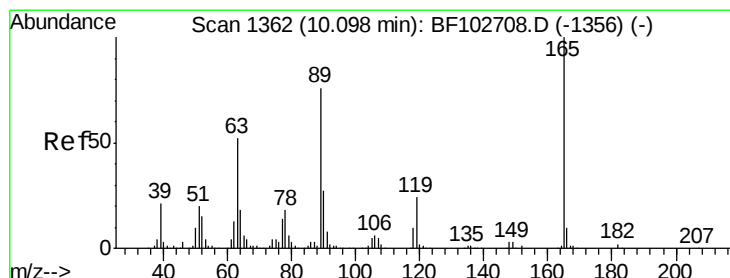
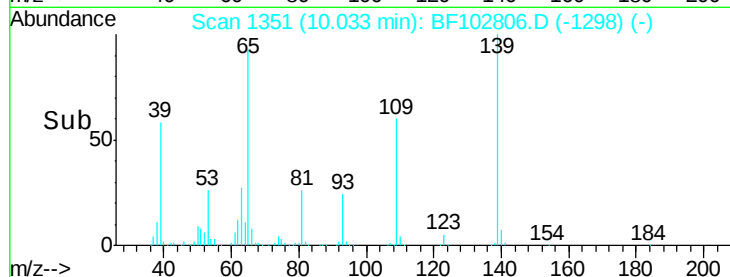
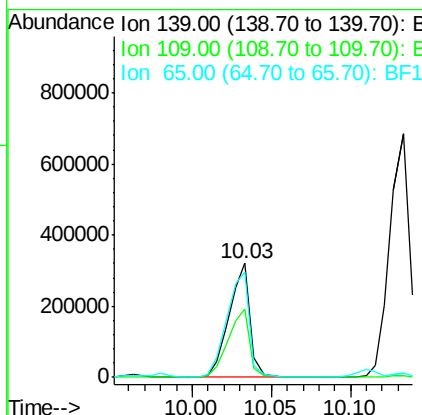
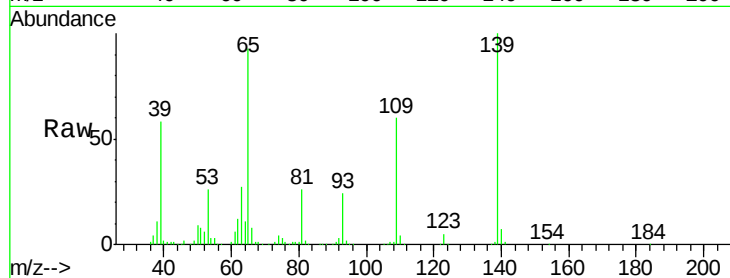




#55
4-Nitrophenol
Concen: 42.30 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

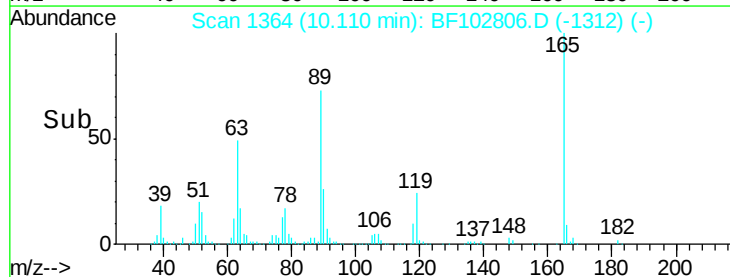
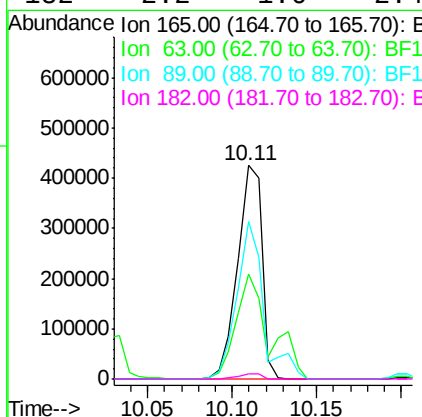
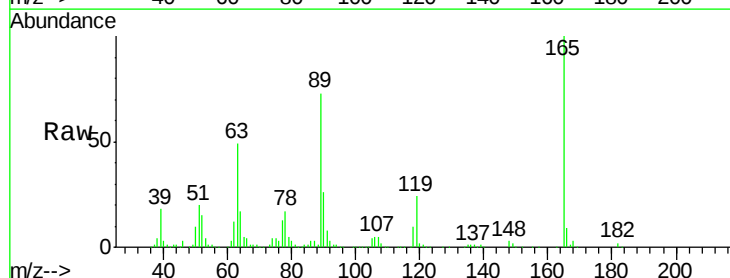
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 295745
Ion Ratio Lower Upper
139 100
109 60.1 48.4 88.4
65 93.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.07 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:165 Resp: 426225
Ion Ratio Lower Upper
165 100
63 49.2 36.4 54.6
89 73.5 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 37.32 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

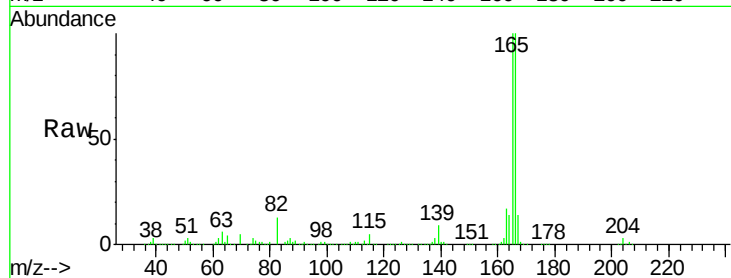
Tot Ion:166 Resp: 1152785

Ion Ratio Lower Upper

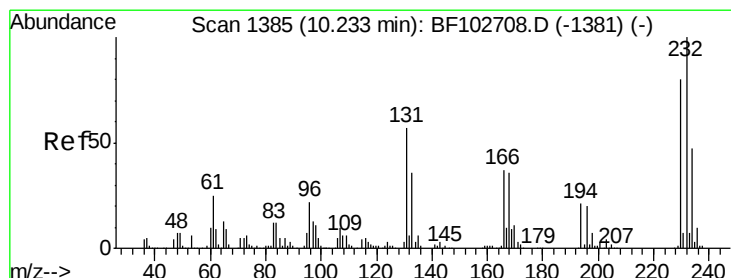
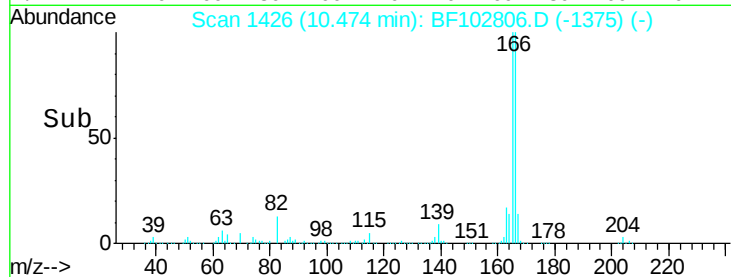
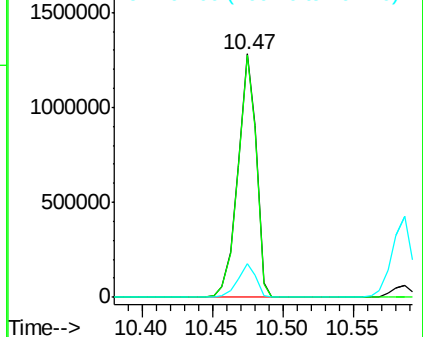
166 100

165 99.5 79.8 119.8

167 13.7 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.78 ng

RT: 10.24 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:232 Resp: 285547

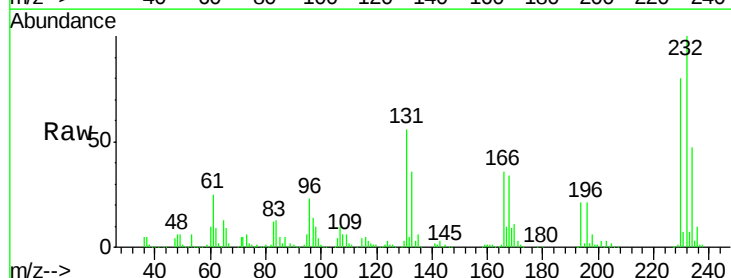
Ion Ratio Lower Upper

232 100

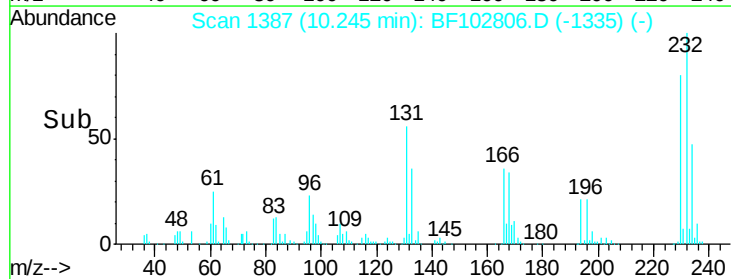
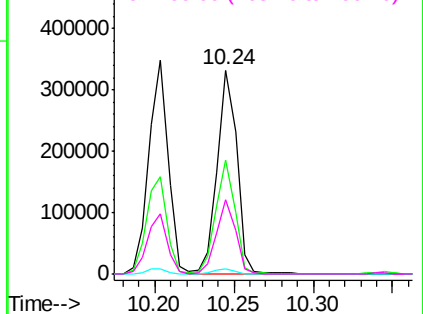
131 54.5 43.8 65.8

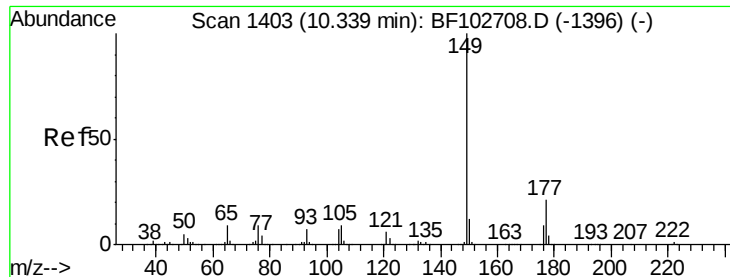
130 2.5 2.1 3.1

166 35.8 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

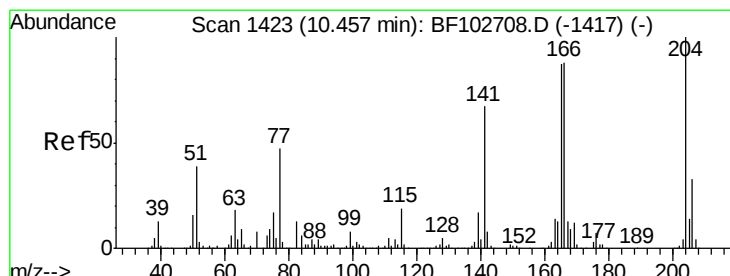
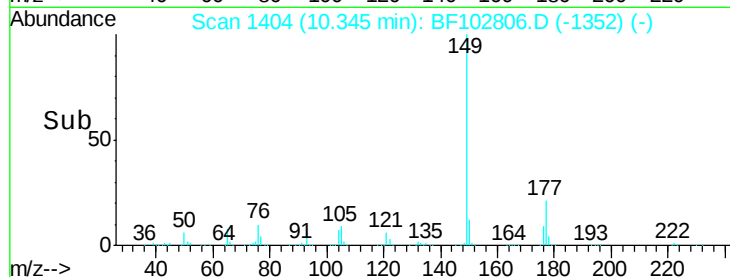
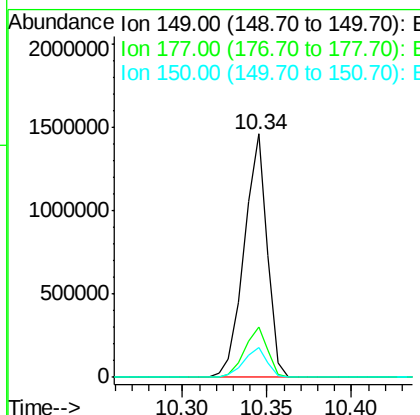
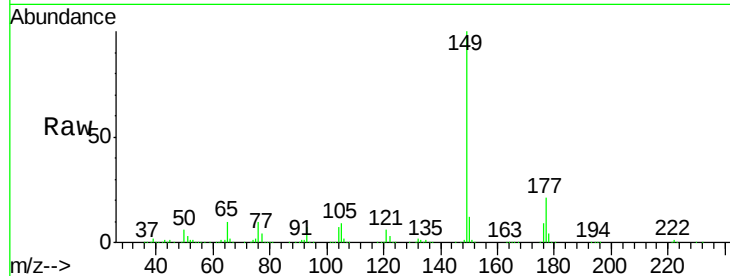




#59
Diethylphthalate
Concen: 36.85 ng
RT: 10.34 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

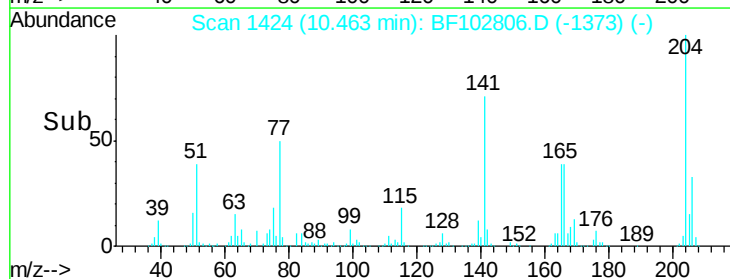
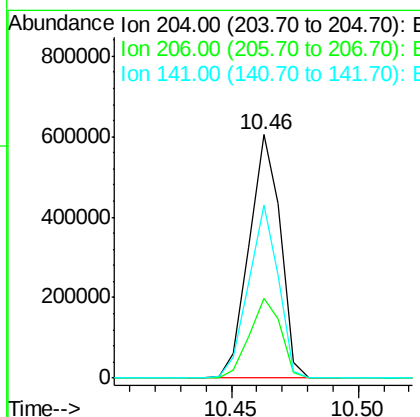
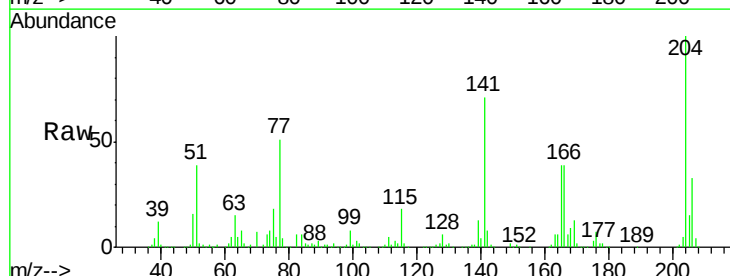
Instrument :
BNA_F
ClientSampled :

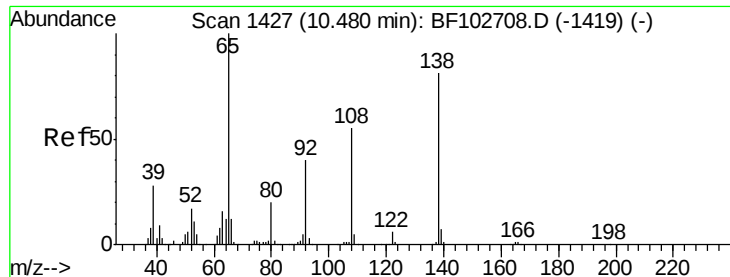
Tot Ion:149 Resp: 1387731
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.02 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:204 Resp: 519539
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 71.2 54.6 81.8

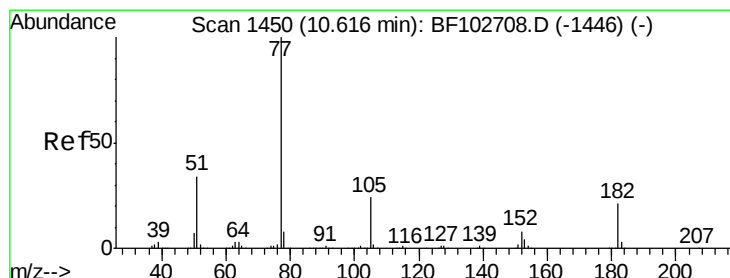
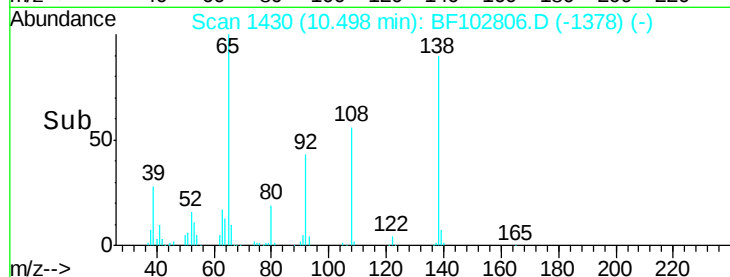
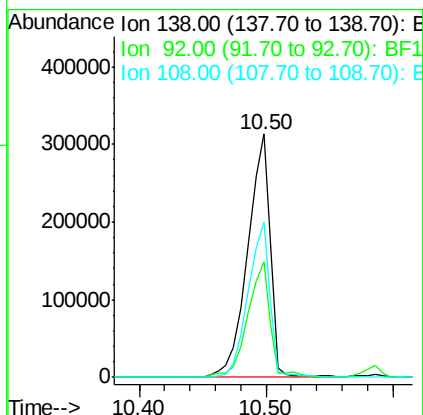
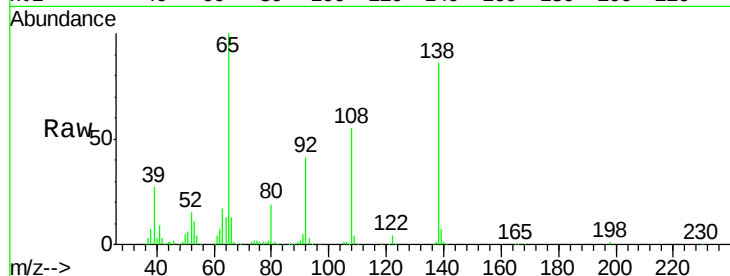




#61
4-Nitroaniline
Concen: 45.94 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

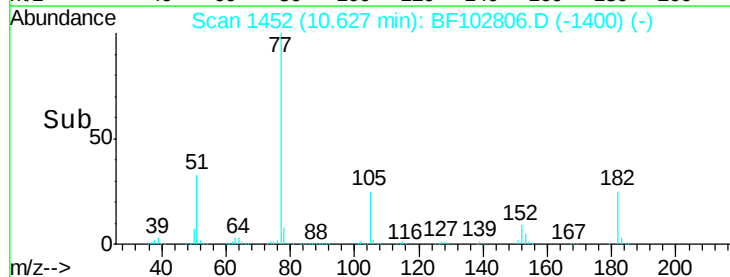
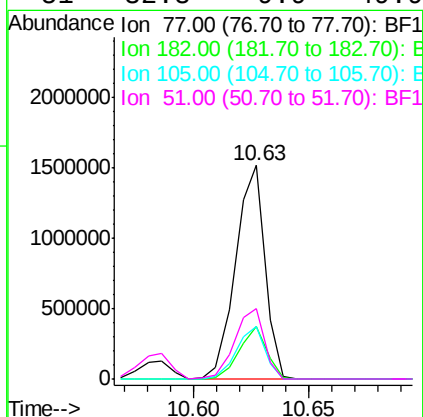
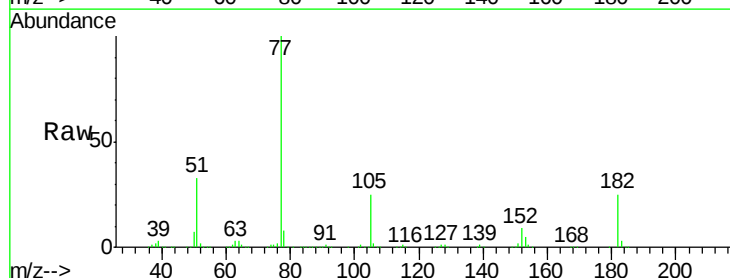
Instrument :
BNA_F
ClientSampleId :

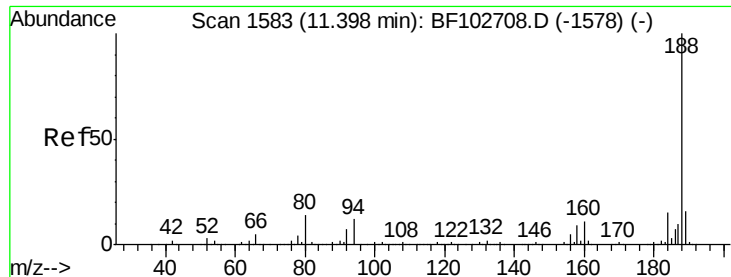
Tot Ion:138 Resp: 390424
Ion Ratio Lower Upper
138 100
92 47.3 30.2 70.2
108 63.7 52.5 92.5



#62
Azobenzene
Concen: 35.72 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion: 77 Resp: 1343738
Ion Ratio Lower Upper
77 100
182 24.5 1.7 41.7
105 24.9 3.0 43.0
51 32.8 9.9 49.9

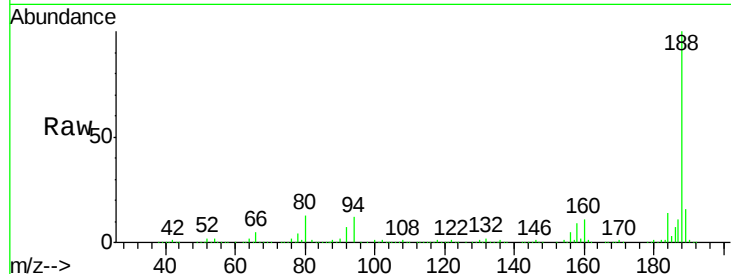




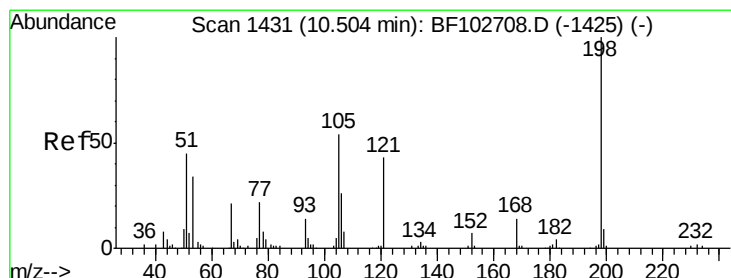
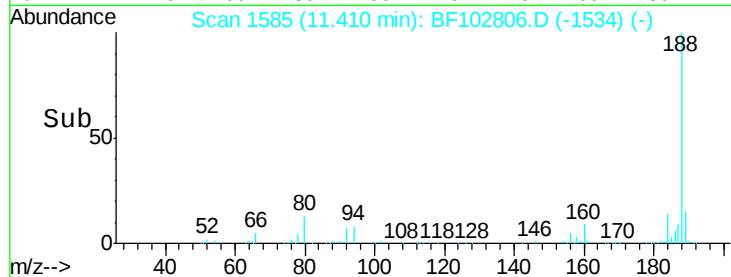
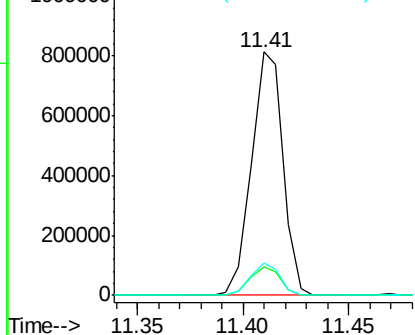
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 841535
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 13.3 9.2 13.8

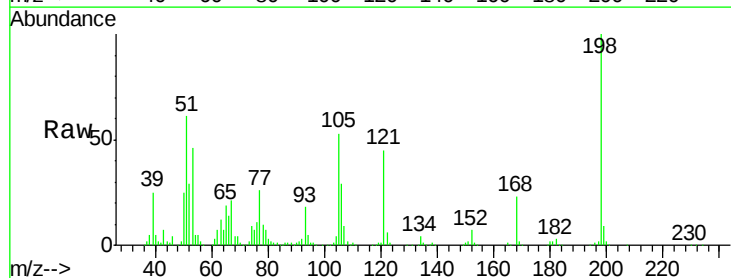


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

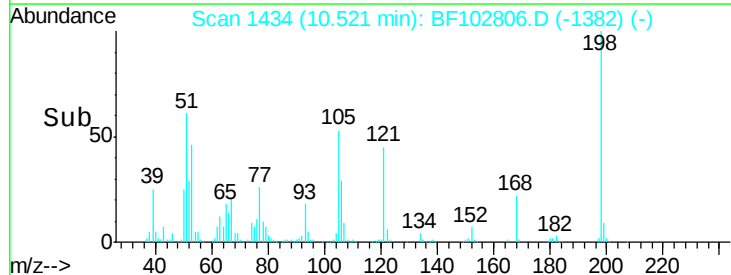
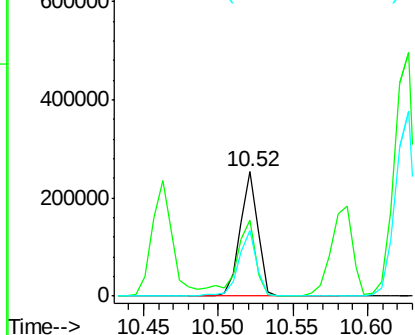


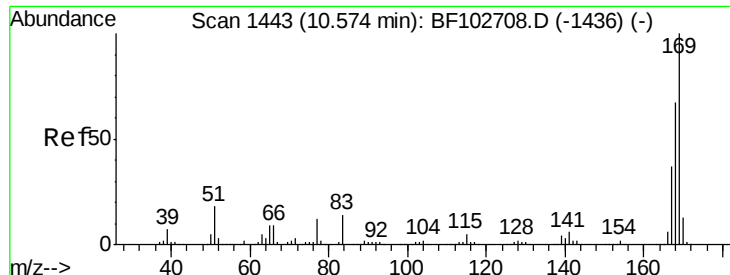
#64
4,6-Dinitro-2-methylphenol
Concen: 56.78 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:198 Resp: 211185
Ion Ratio Lower Upper
198 100
51 61.4 37.7 77.7
105 52.6 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

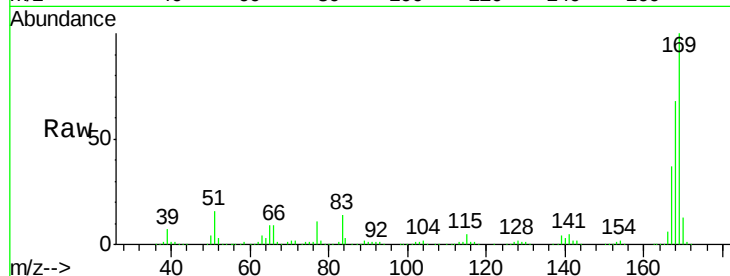




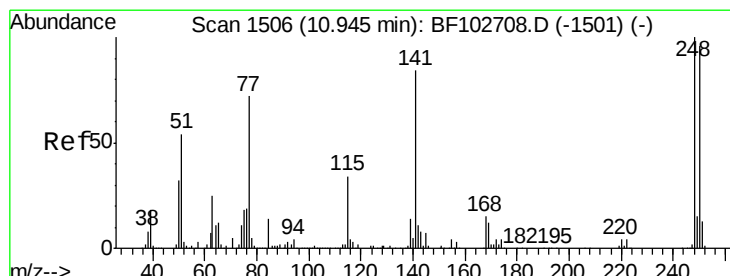
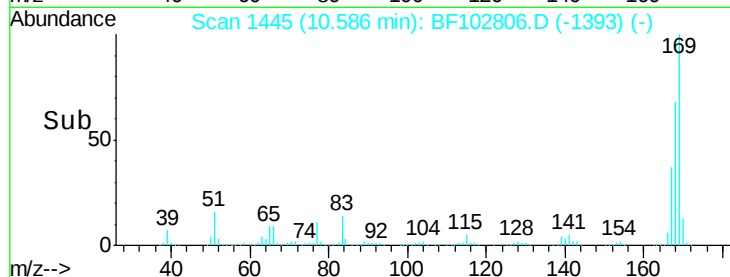
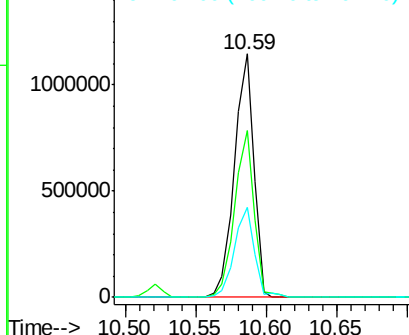
#65
 n-Nitrosodiphenylamine
 Concen: 36.98 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1097570
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.4 81.6
 167 37.0 29.8 44.6

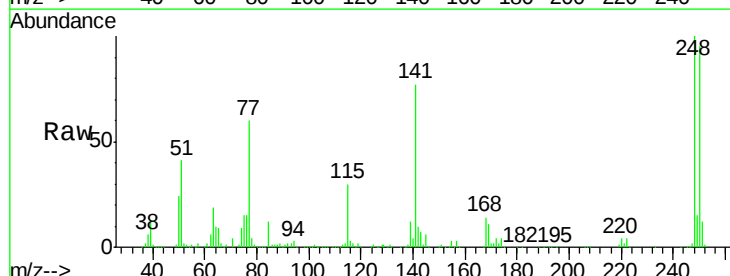


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

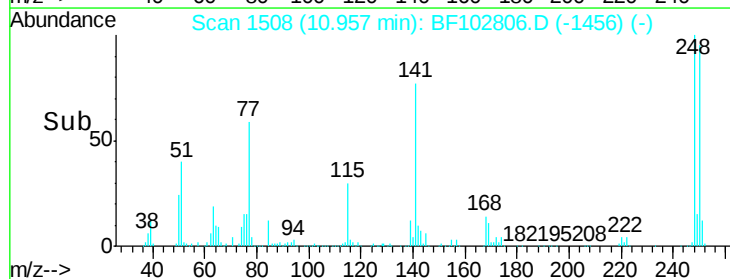
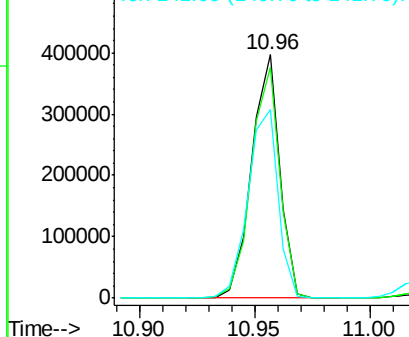


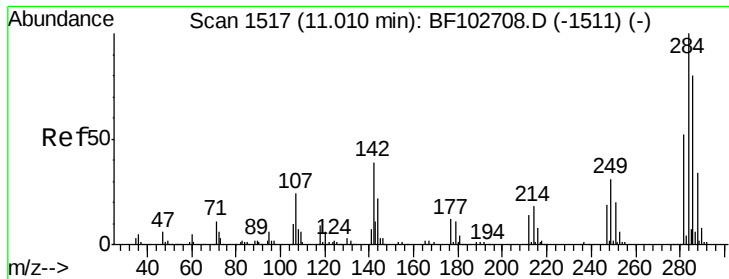
#66
 4-Bromophenyl-phenylether
 Concen: 38.01 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:248 Resp: 338360
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.9 115.3
 141 77.3 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

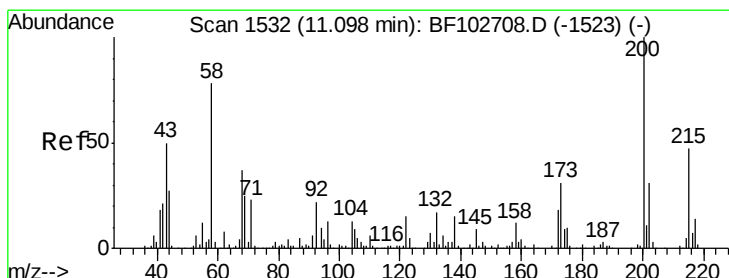
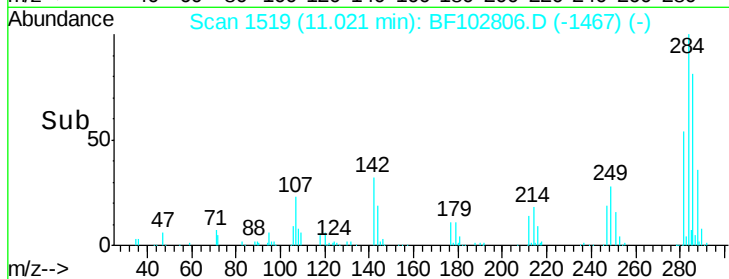
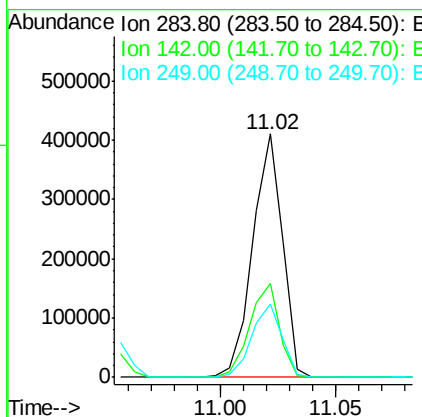
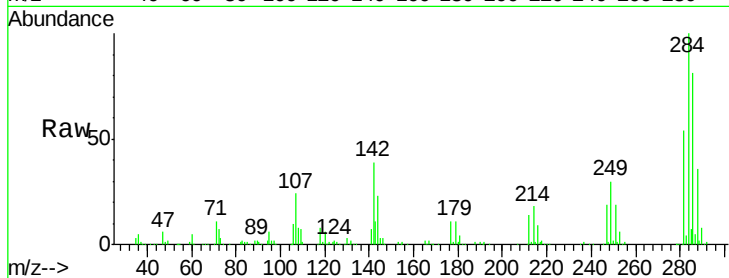




#67
Hexachlorobenzene
Concen: 37.59 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

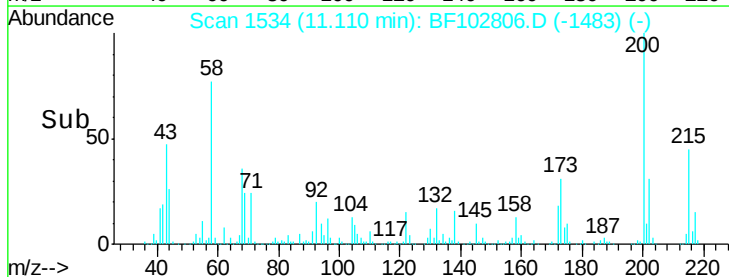
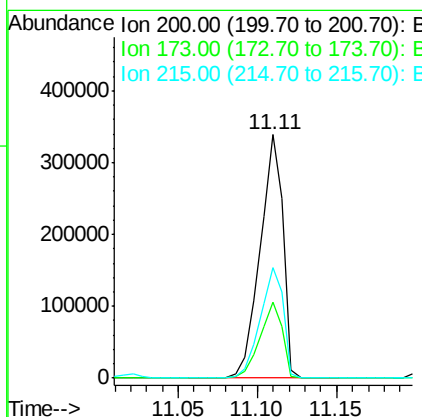
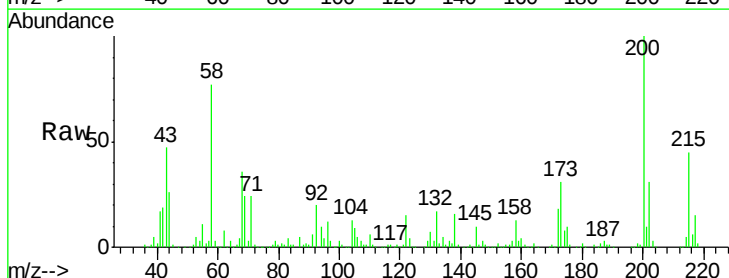
Instrument :
BNA_F
ClientSampleId :

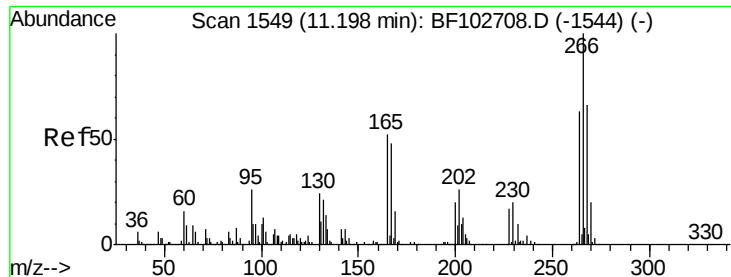
Tot Ion:284 Resp: 369135
Ion Ratio Lower Upper
284 100
142 38.6 34.6 52.0
249 30.3 24.8 37.2



#68
Atrazine
Concen: 39.11 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:200 Resp: 342485
Ion Ratio Lower Upper
200 100
173 31.0 8.6 48.6
215 45.3 25.1 65.1

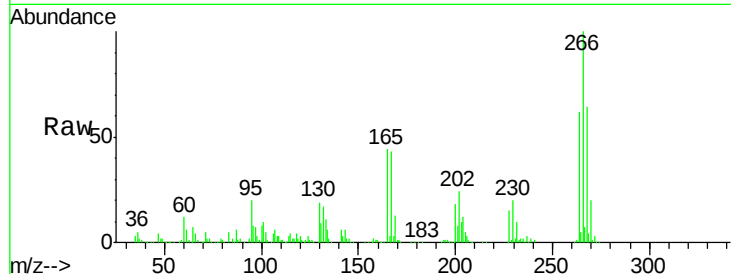




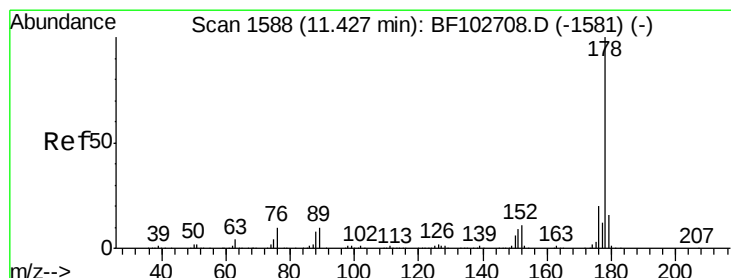
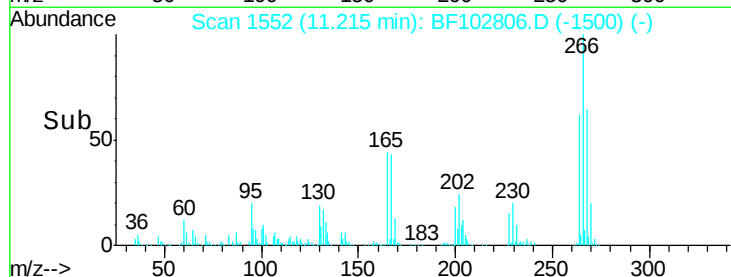
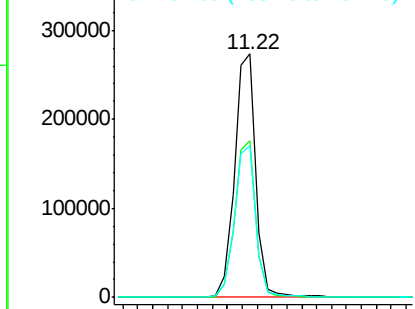
#69
 Pentachlorophenol
 Concen: 47.36 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 273032
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 62.4 49.5 74.3

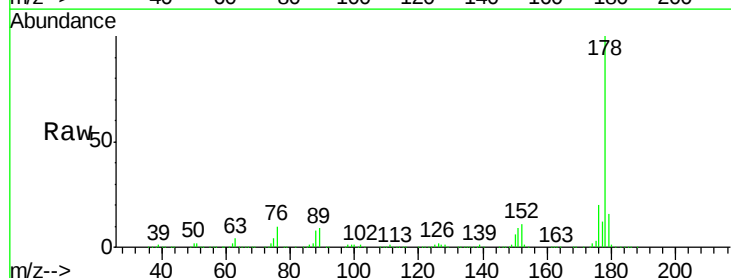


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

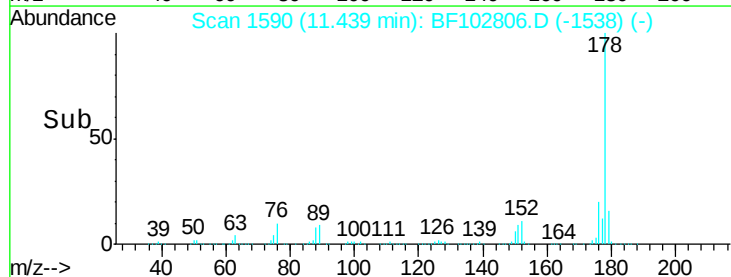
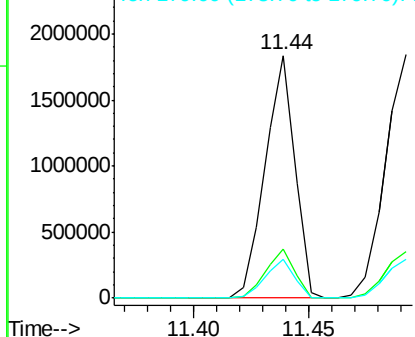


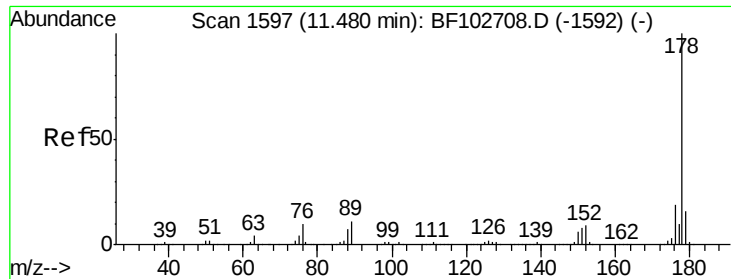
#70
 Phenanthrene
 Concen: 35.17 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion:178 Resp: 1648274
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 13.0 19.6



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

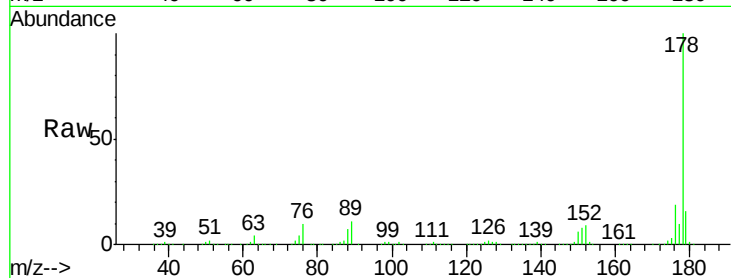




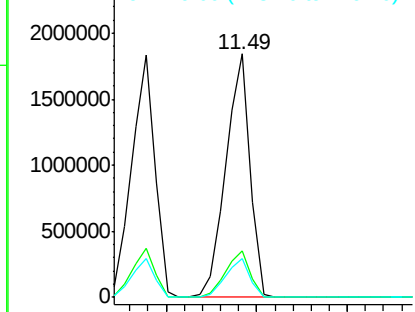
#71
 Anthracene
 Concen: 35.81 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

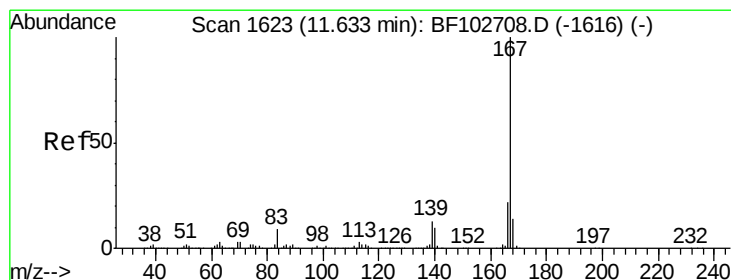
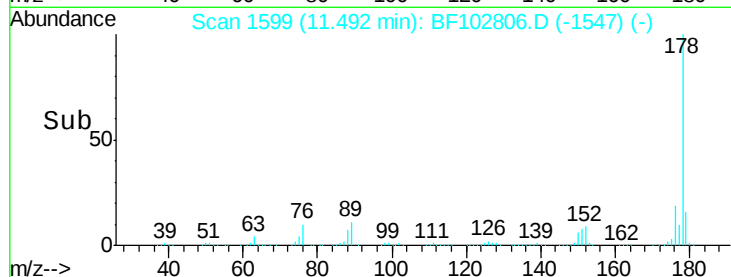
Tot Ion:178 Resp: 1706822
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.7 12.6 19.0



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

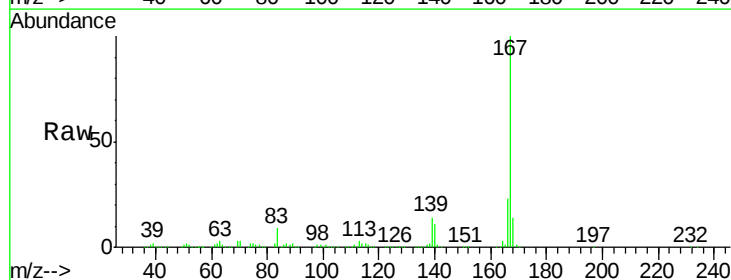


Time-->

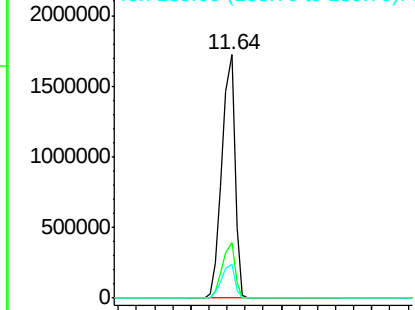


#72
 Carbazole
 Concen: 36.46 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

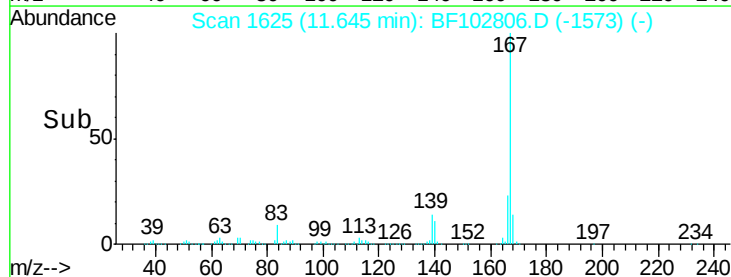
Tgt Ion:167 Resp: 1702574
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.9 10.9 16.3

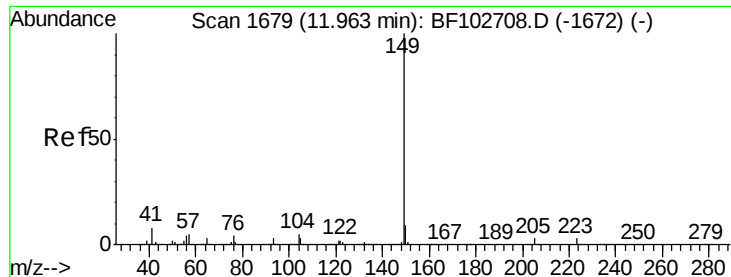


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 37.20 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

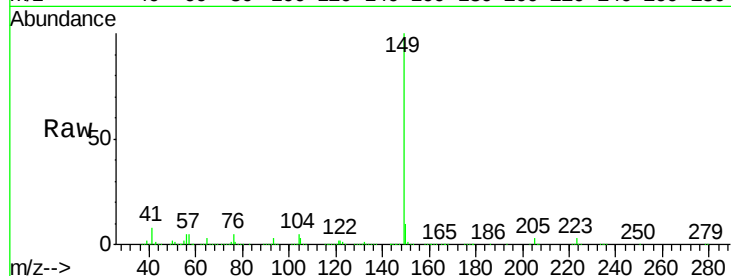
Tot Ion:149 Resp: 2110228

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

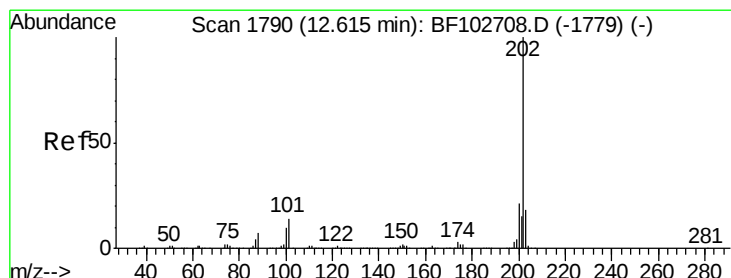
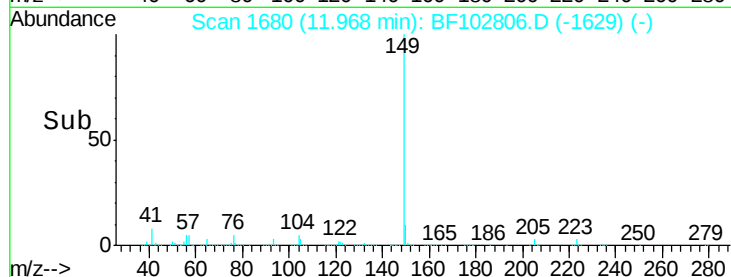
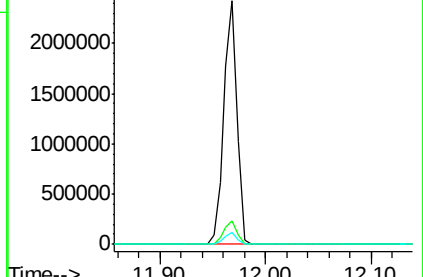
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.57 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

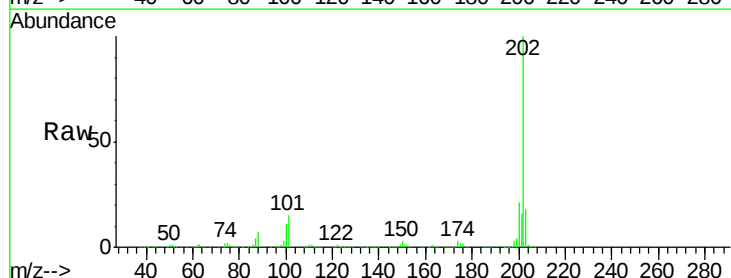
Tgt Ion:202 Resp: 1677176

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

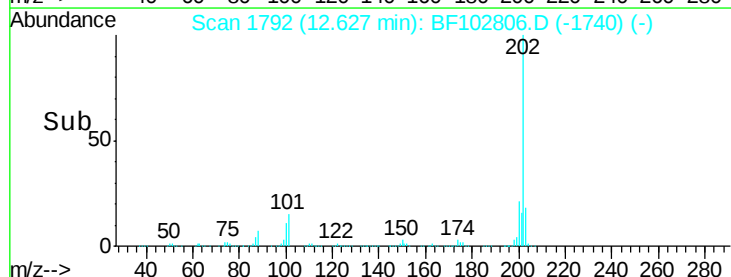
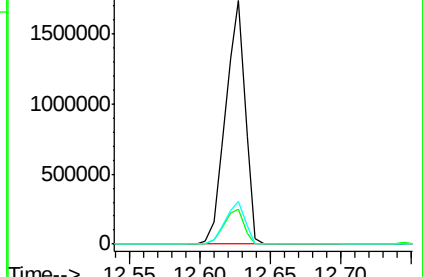
203 17.7 0.0 38.1

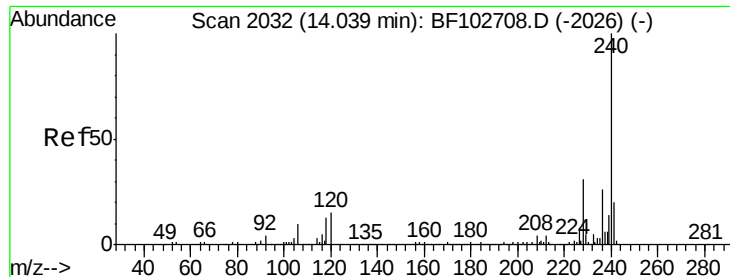


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

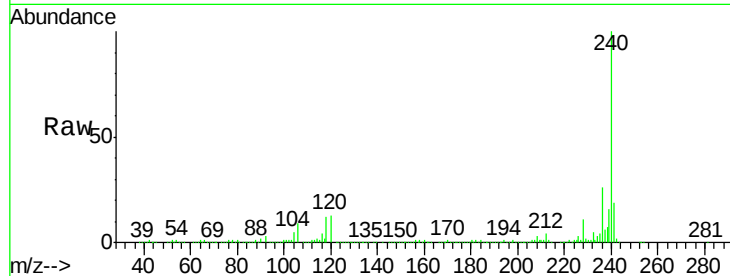
Tot Ion:240 Resp: 591046

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

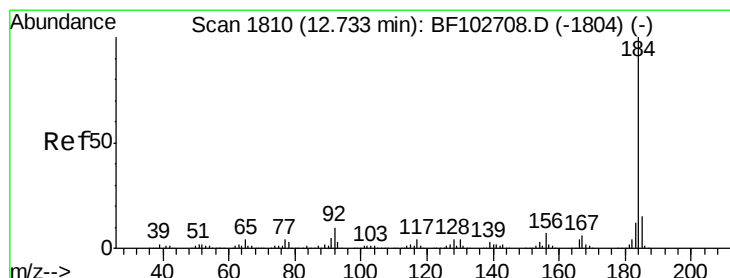
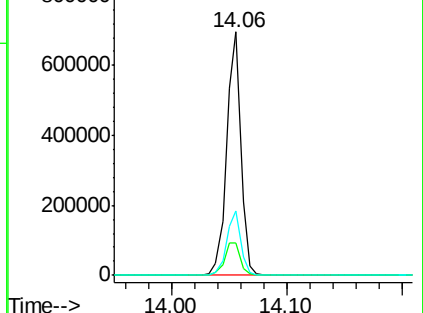
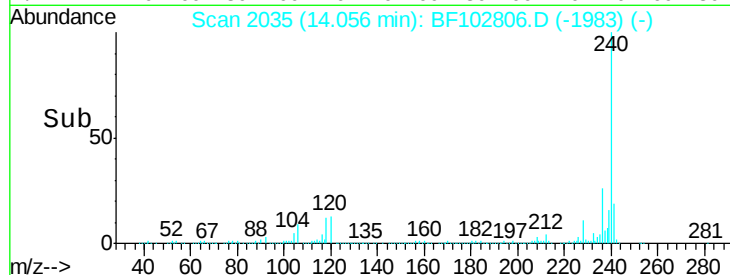
236 26.5 20.7 31.1



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: 33.52 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

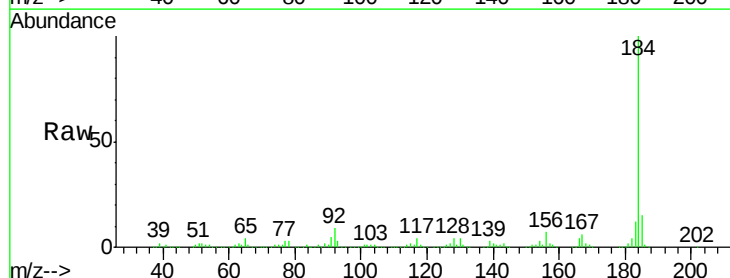
Tgt Ion:184 Resp: 910668

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

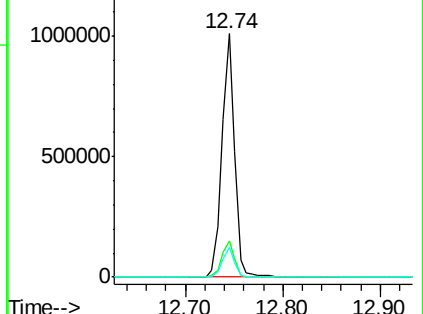
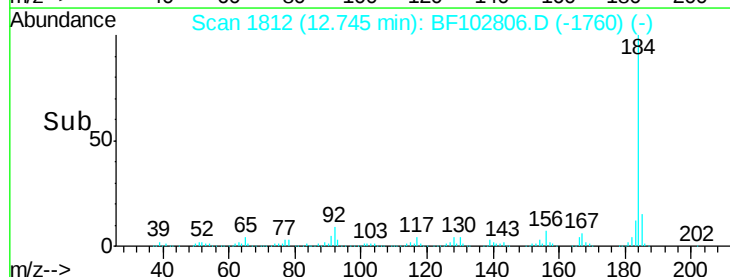
183 12.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

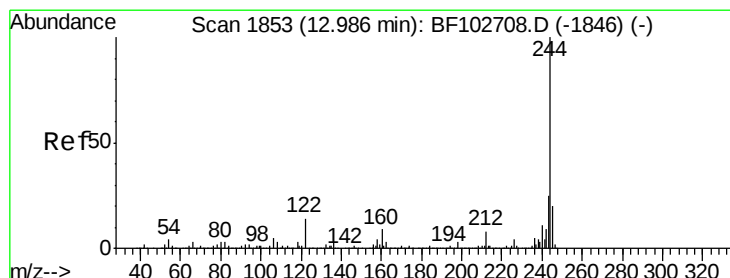
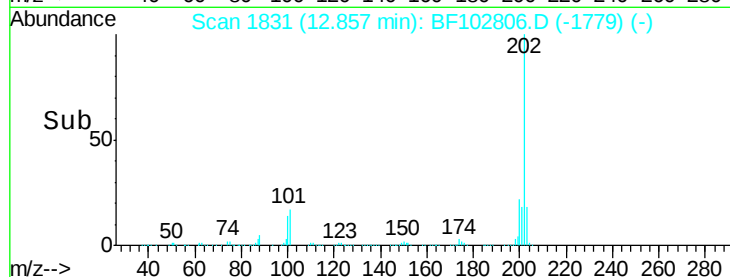
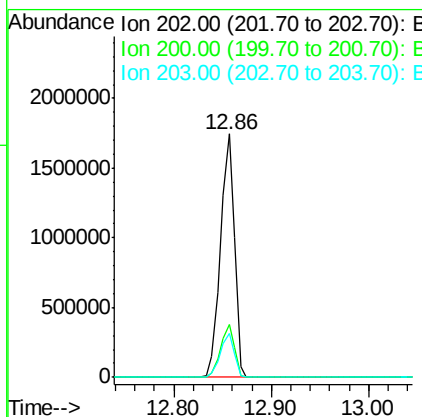
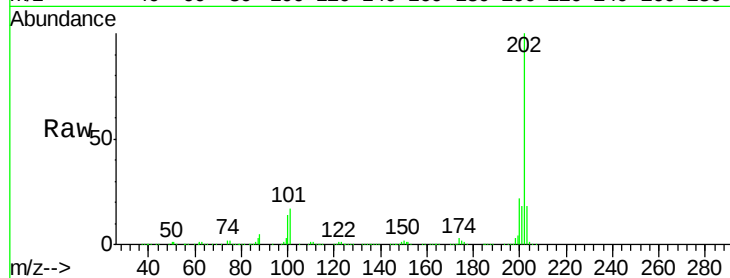




#77
Pvrene
Concen: 37.61 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

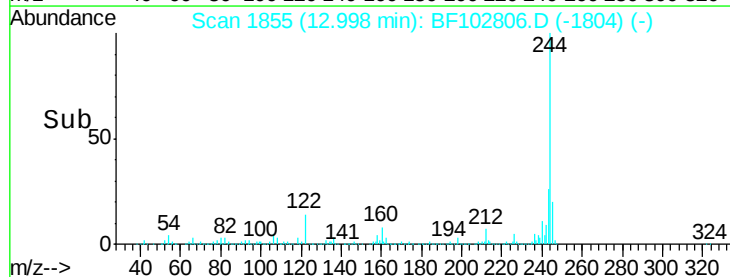
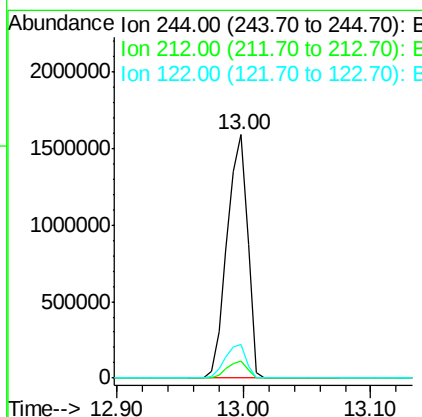
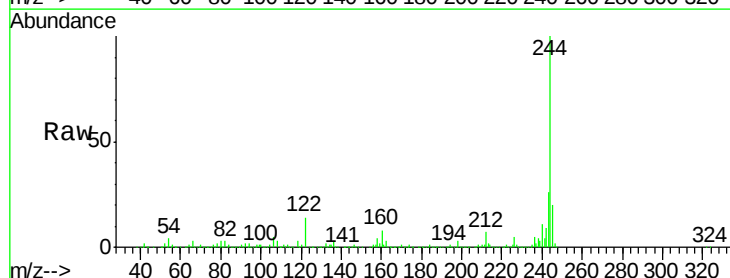
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1743002
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.0 14.3 21.5



#78
Terphenyl-d14
Concen: 71.40 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:244 Resp: 1782330
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.7 11.0 16.4

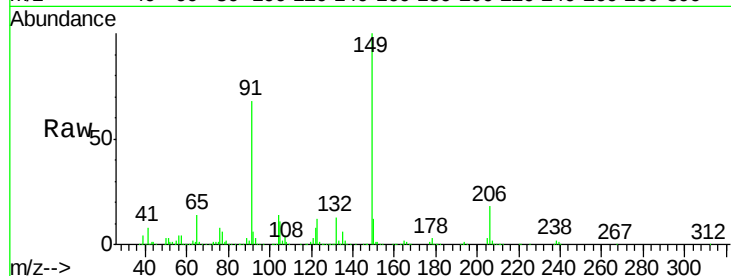




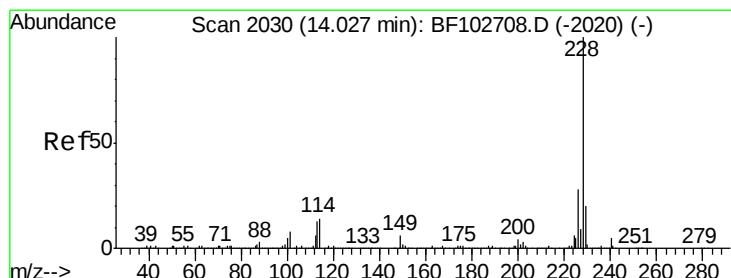
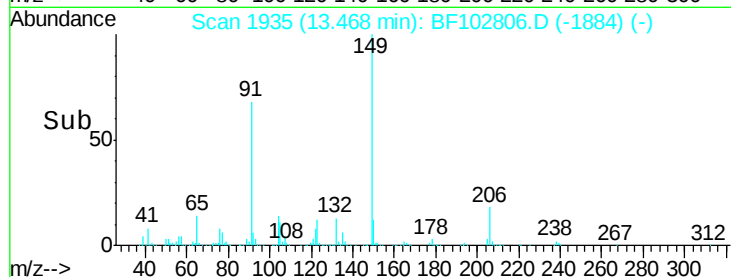
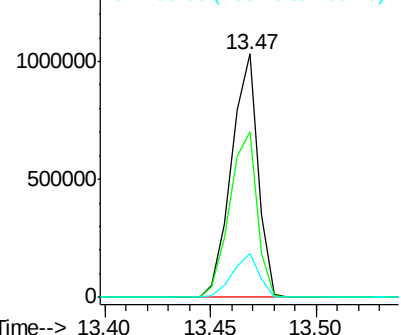
#79
Butylbenzylphthalate
Concen: 40.82 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 901425
Ion Ratio Lower Upper
149 100
91 68.0 56.8 85.2
206 18.0 14.1 21.1

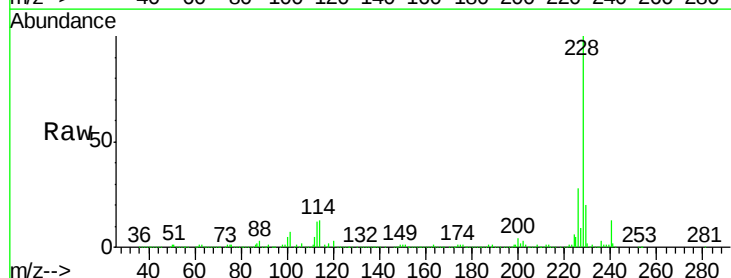


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

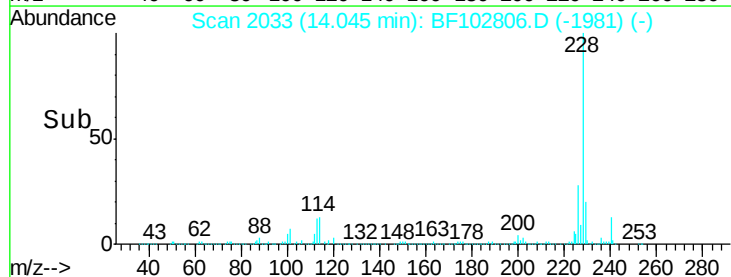
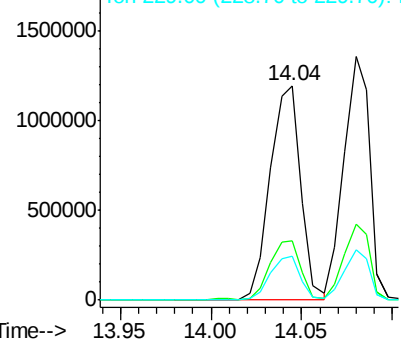


#80
Benzo(a)anthracene
Concen: 38.12 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:228 Resp: 1417015
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.3 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

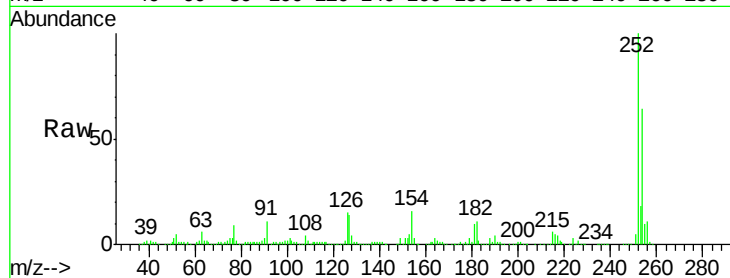




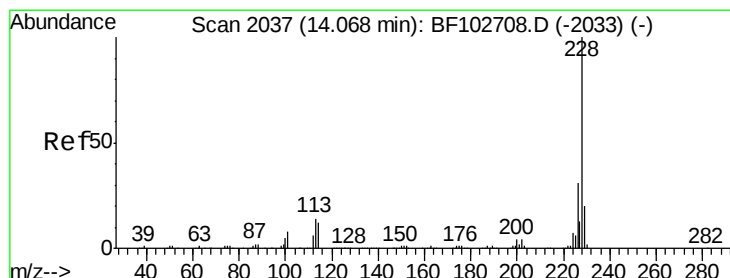
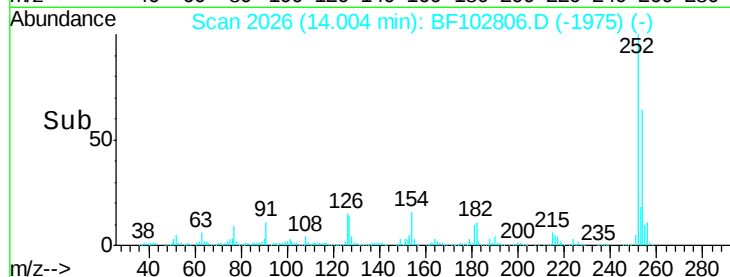
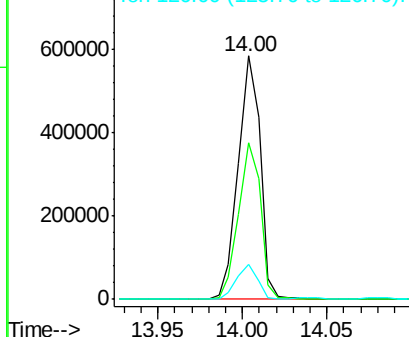
#81
 3,3'-Dichlorobenzidine
 Concen: 38.80 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	14.5	11.3	16.9

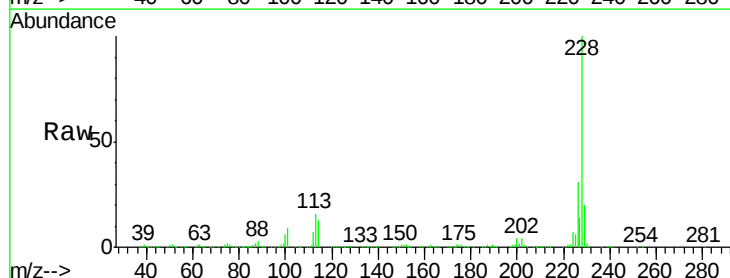


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

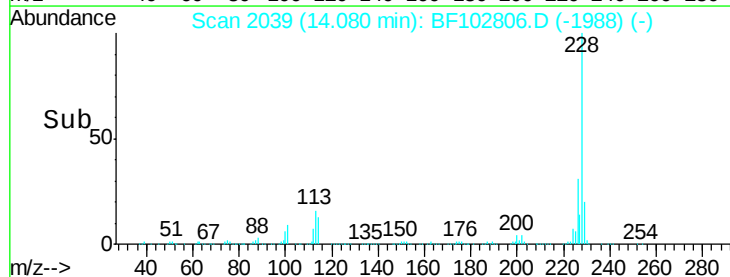
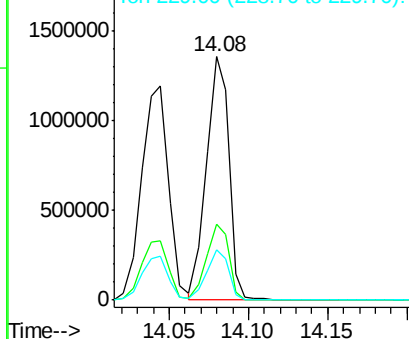


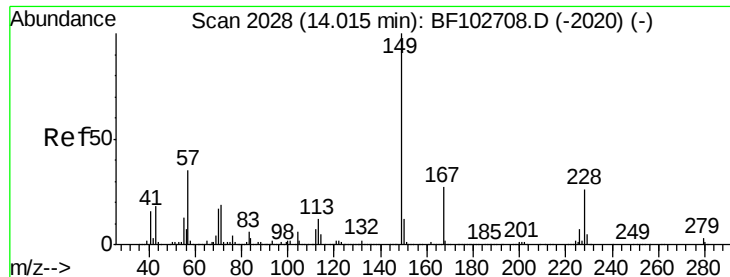
#82
 Chrysene
 Concen: 36.25 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BF102806.D
 Acq: 7 Feb 2018 10:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.5	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.80 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

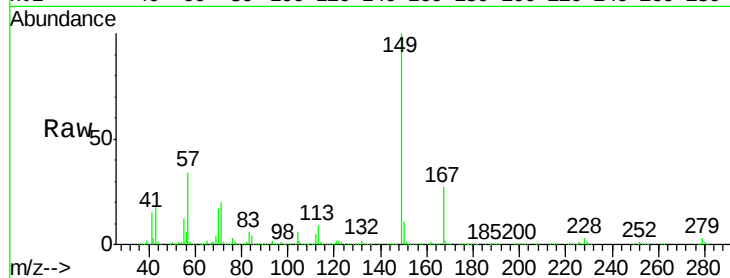
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1186900

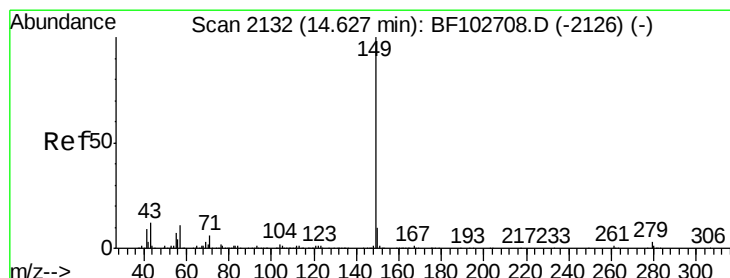
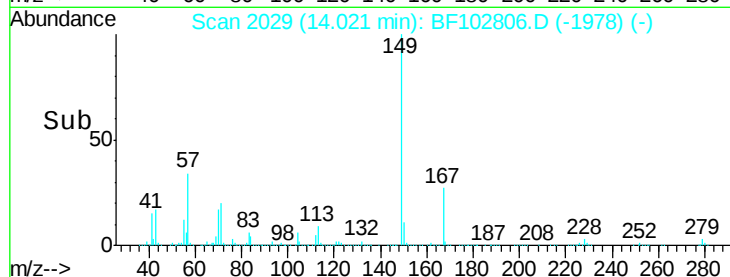
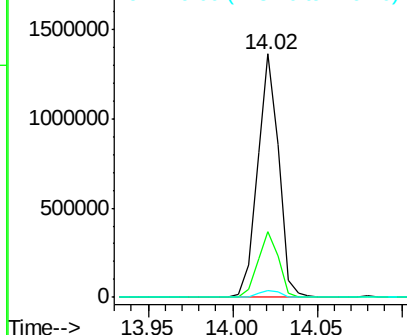
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.0	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.29 ng

RT: 14.63 min Scan# 2133

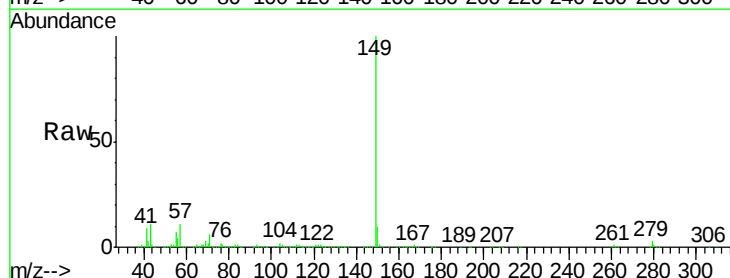
Delta R.T. -0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Tgt Ion:149 Resp: 1845647

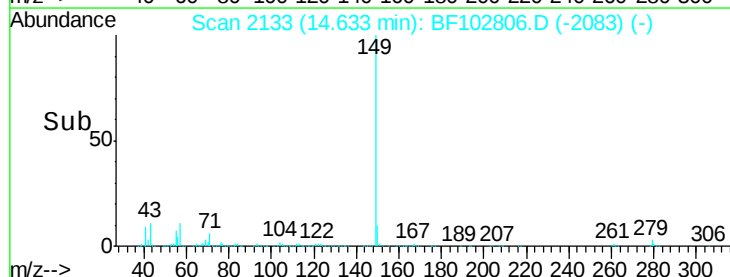
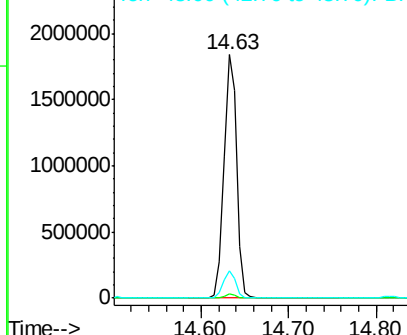
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	8.4	12.6

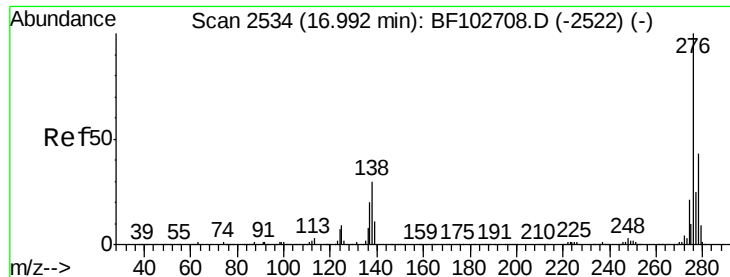


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

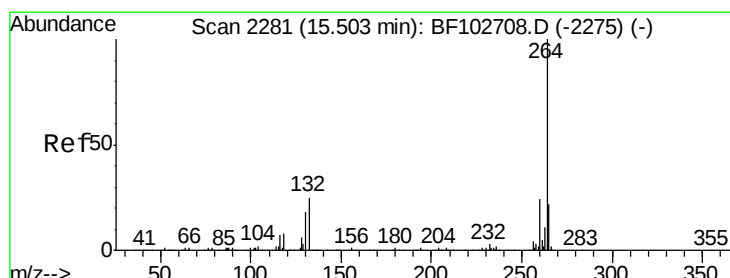
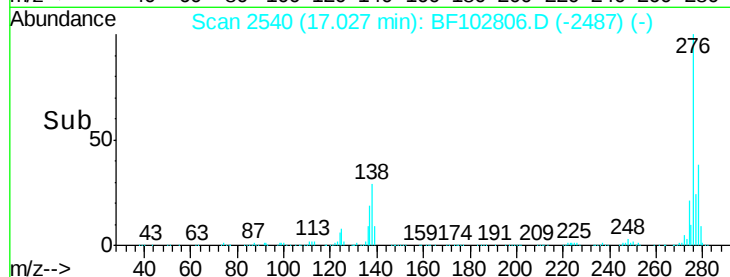
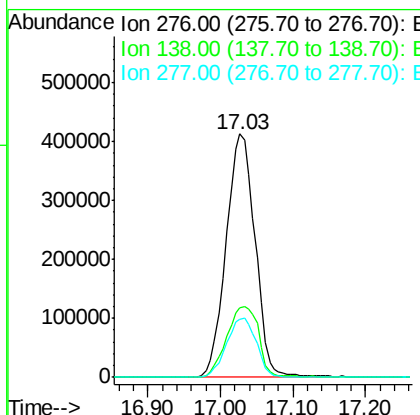
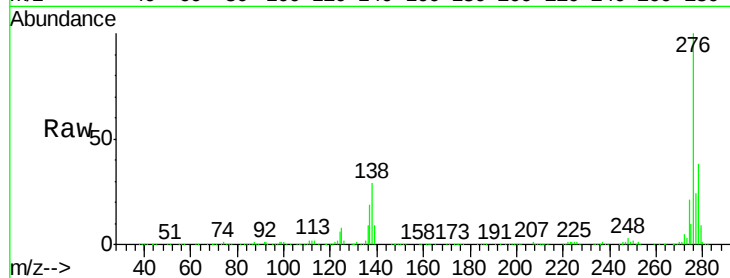




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.99 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

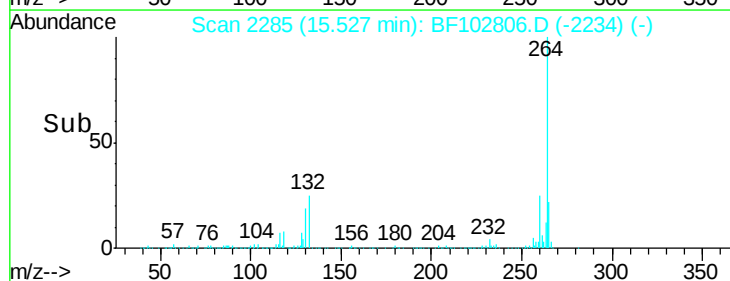
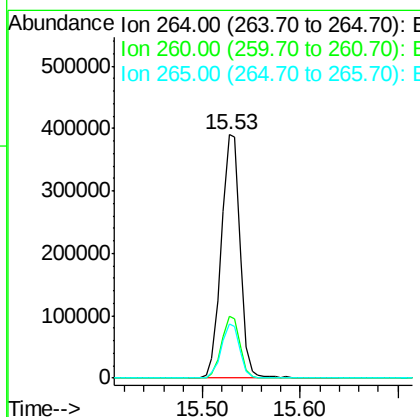
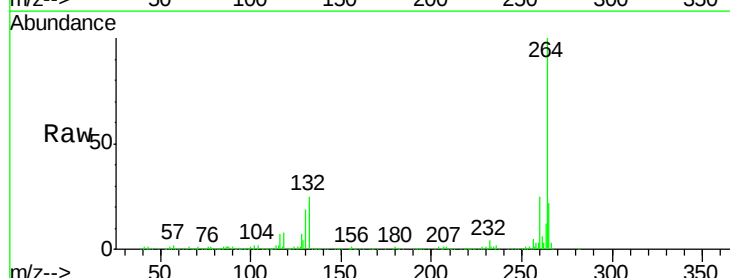
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1149530
Ion Ratio Lower Upper
276 100
138 32.1 25.0 37.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:264 Resp: 520684
Ion Ratio Lower Upper
264 100
260 25.5 19.2 28.8
265 22.1 17.5 26.3

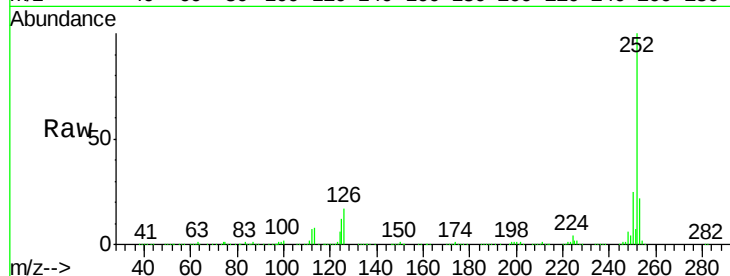




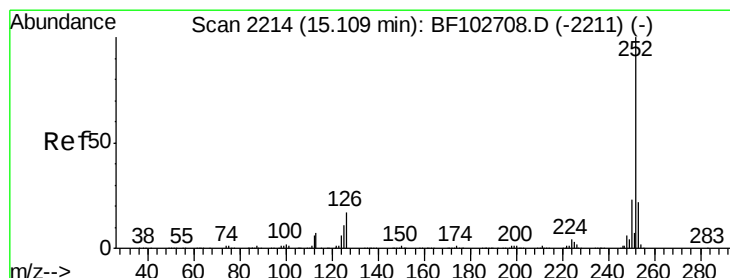
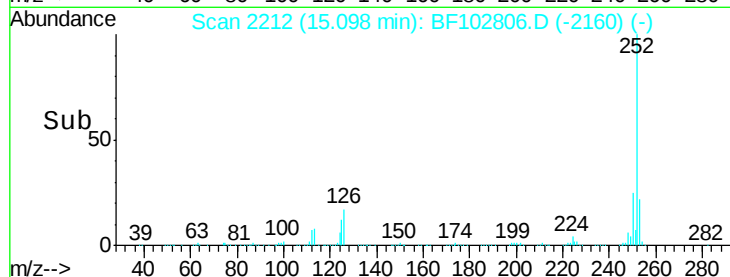
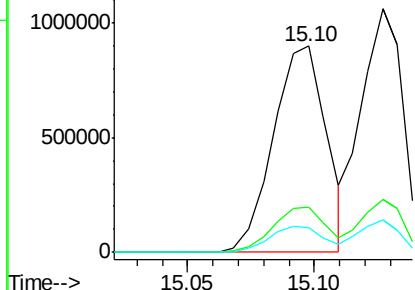
#87
Benzo(b)fluoranthene
Concen: 38.73 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1307392
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.3 9.0 13.6

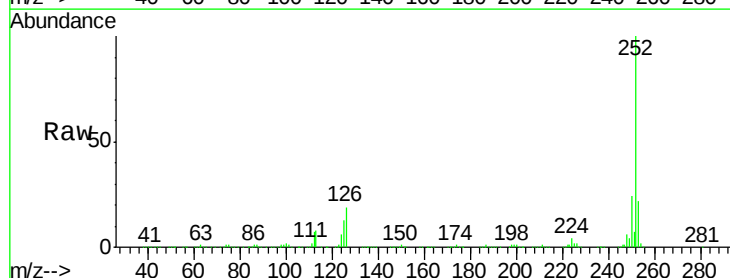


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

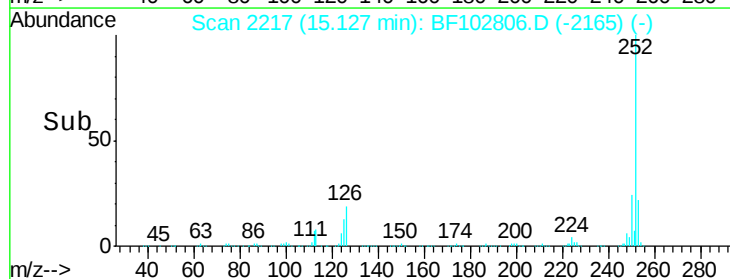
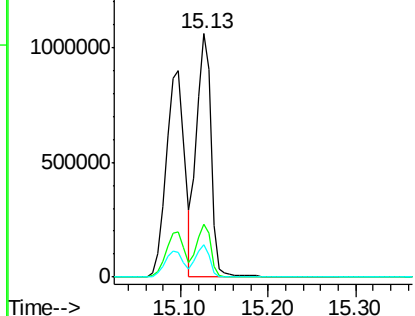


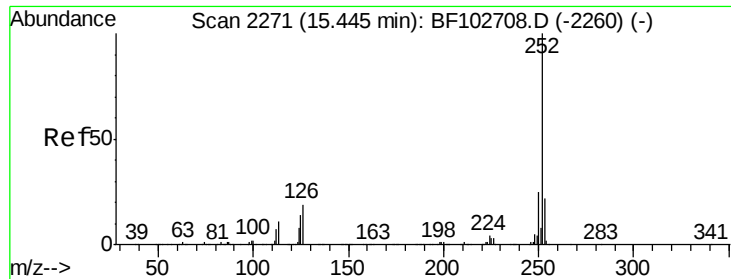
#88
Benzo(k)fluoranthene
Concen: 38.59 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:252 Resp: 1244838
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 13.1 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

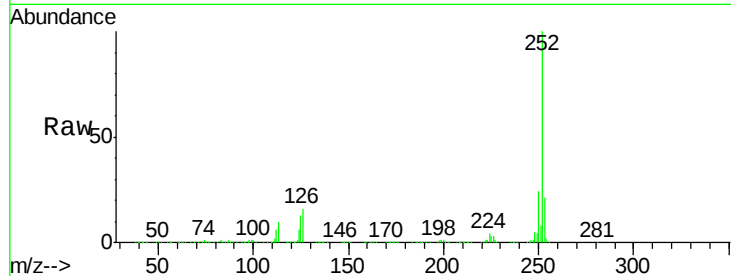




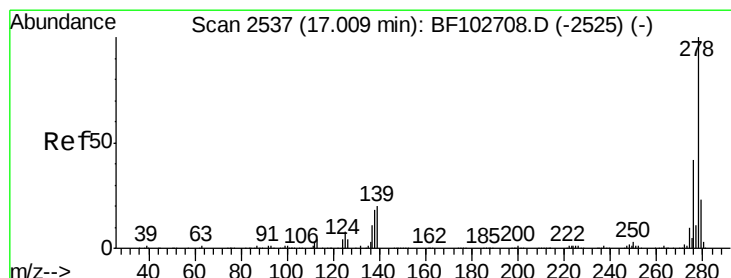
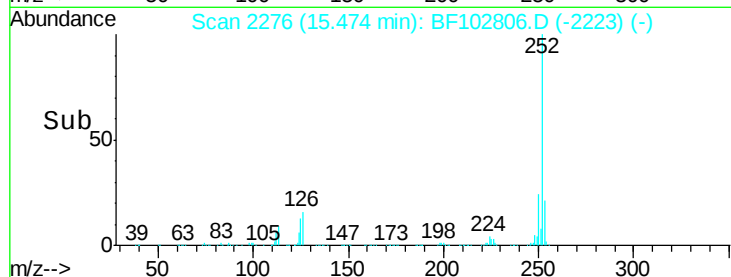
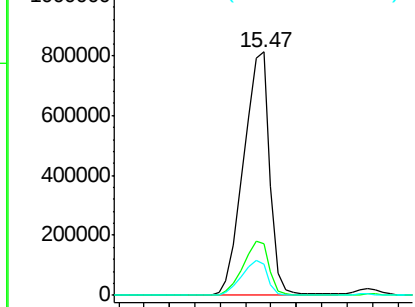
#89
Benzo(a)pyrene
Concen: 38.44 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1167972
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 12.8 9.8 14.6

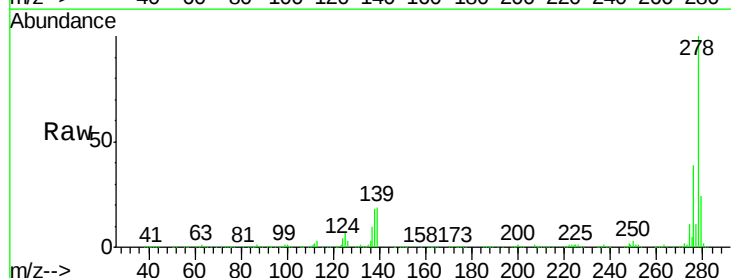


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

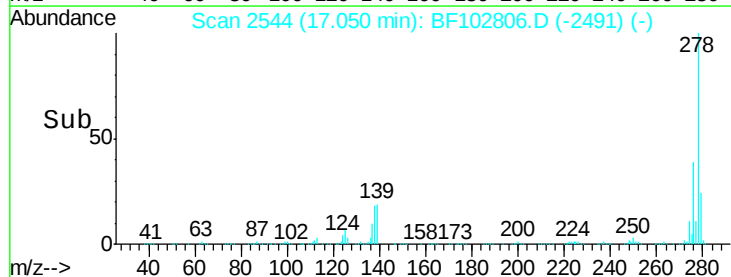
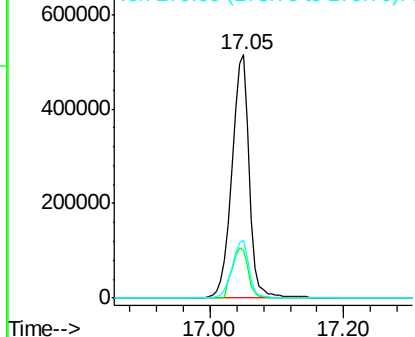


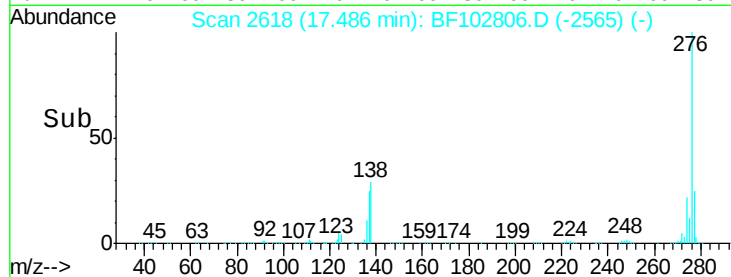
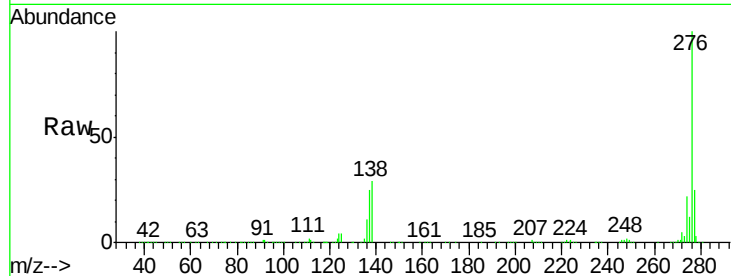
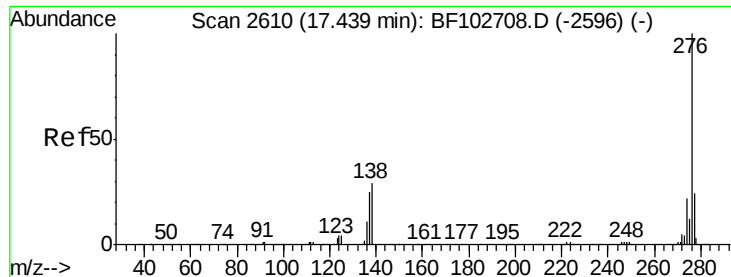
#90
Dibenzo(a,h)anthracene
Concen: 38.51 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF102806.D
Acq: 7 Feb 2018 10:59

Tgt Ion:278 Resp: 949773
Ion Ratio Lower Upper
278 100
139 19.4 15.9 23.9
279 23.7 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: 39.33 ng

RT: 17.49 min Scan# 2618

Delta R.T. 0.01 min

Lab File: BF102806.D

Acq: 7 Feb 2018 10:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 949433

Ion Ratio Lower Upper

276 100

277 24.7 17.9 26.9

138 28.8 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

