

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
 Data File : BF102855.D
 Acq On : 8 Feb 2018 14:51
 Operator : SJ/JU
 Sample : J1469-11MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

Quant Time: Feb 08 15:28:16 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	199710	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	809657	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	319524	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	427043	20.00	ng	0.00
75) Chrysene-d12	14.06	240	327925	20.00	ng	0.00
86) Perylene-d12	15.54	264	339385	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1366325	103.90	ng	0.02
7) Phenol-d6	6.52	99	1658098	104.72	ng	0.02
23) Nitrobenzene-d5	7.45	82	1083577	92.84	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	217109	84.42	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1367064	70.99	ng	0.00
78) Terphenyl-d14	13.00	244	818604	59.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	229598	35.348	ng	88
3) Pyridine	3.57	79	63453	3.536	ng	93
4) n-Nitrosodimethylamine	3.45	42	354319	46.147	ng	90
6) Aniline	6.55	93	388988	16.635	ng	95
8) 2-Chlorophenol	6.67	128	513835	37.954	ng	94
9) Benzaldehyde	6.44	77	196516	16.712	ng	97
10) Phenol	6.53	94	722232	42.562	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	542010	38.386	ng	91
12) 1,3-Dichlorobenzene	6.83	146	549894	35.075	ng	97
13) 1,4-Dichlorobenzene	6.90	146	550147	35.227	ng	98
14) 1,2-Dichlorobenzene	7.06	146	509557	35.030	ng	99
15) Benzyl Alcohol	7.03	79	480776	39.494	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	934088	34.824	ng	98
17) 2-Methylphenol	7.14	107	454158	36.368	ng	98
18) Hexachloroethane	7.40	117	177213	33.091	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	368531	35.301	ng	92
20) 3+4-Methylphenols	7.29	107	522787	33.947	ng	# 68
22) Acetophenone	7.30	105	705370	35.601	ng	# 94
24) Nitrobenzene	7.47	77	600331	43.725	ng	95
25) Isophorone	7.71	82	1082523	40.279	ng	98
26) 2-Nitrophenol	7.79	139	255472	45.783	ng	96
27) 2,4-Dimethylphenol	7.82	122	478385	42.132	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	652925	41.011	ng	99
29) 2,4-Dichlorophenol	8.03	162	407615	39.491	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	404469	34.639	ng	99
31) Naphthalene	8.19	128	1425417	36.033	ng	99
32) Benzoic acid	7.93	122	222237	32.743	ng	99
33) 4-Chloroaniline	8.24	127	266219	15.622	ng	97
34) Hexachlorobutadiene	8.30	225	203038	33.933	ng	98
35) Caprolactam	8.60	113	122605	34.203	ng	# 78
36) 4-Chloro-3-methylphenol	8.72	107	448609	38.682	ng	96
37) 2-Methylnaphthalene	8.88	142	903858	34.899	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	334063	38.398	ng	98
40) Hexachlorocyclopentadiene	9.03	237	95221	23.023	ng	99

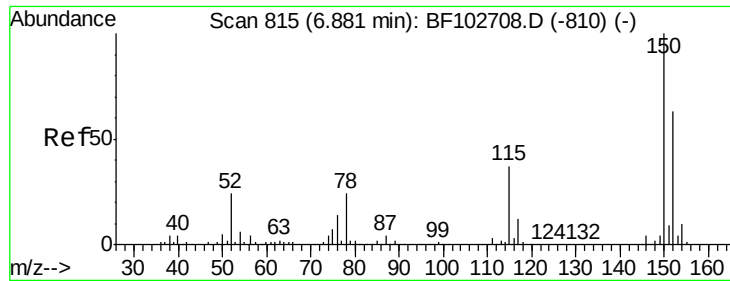
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020818\
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 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	242064	42.360	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	246962	38.344	nq	99
45) 1,1'-Biphenyl	9.35	154	1007073	37.420	nq	99
46) 2-Chloronaphthalene	9.37	162	784735	37.038	nq	99
47) 2-Nitroaniline	9.47	65	314907	48.154	nq	85
48) Acenaphthylene	9.79	152	1162445	35.324	nq	100
49) Dimethylphthalate	9.65	163	1041326	41.797	nq	99
50) 2,6-Dinitrotoluene	9.71	165	193938	40.916	nq	90
51) Acenaphthene	9.96	154	684952	34.805	nq	99
52) 3-Nitroaniline	9.88	138	190647	32.689	nq	98
53) 2,4-Dinitrophenol	9.98	184	37915	38.944	nq	# 14
54) Dibenzofuran	10.13	168	980014	35.336	nq	96
55) 4-Nitrophenol	10.04	139	296274	62.731	nq	95
56) 2,4-Dinitrotoluene	10.11	165	233459	37.447	nq	# 84
57) Fluorene	10.47	166	689167	34.153	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	160341	35.919	nq	93
59) Diethylphthalate	10.35	149	867287	35.255	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	325355	36.448	nq	96
61) 4-Nitroaniline	10.49	138	192895	34.747	nq	100
62) Azobenzene	10.63	77	886785	36.084	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	30676	24.000	nq	94
65) n-Nitrosodiphenylamine	10.59	169	635384	42.182	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	179464	39.728	nq	100
67) Hexachlorobenzene	11.03	284	177839	35.686	nq	92
68) Atrazine	11.11	200	168868	38.001	nq	98
69) Pentachlorophenol	11.22	266	171451	58.608	nq	99
70) Phenanthrene	11.44	178	847088	35.617	nq	98
71) Anthracene	11.49	178	875253	36.182	nq	99
72) Carbazole	11.64	167	810725	34.210	nq	99
73) Di-n-butylphthalate	11.97	149	1087144	37.764	nq	99
74) Fluoranthene	12.63	202	775119	32.392	nq	98
76) Benzidine	12.74	184	60362	4.005	nq	98
77) Pyrene	12.86	202	800329	31.124	nq	99
79) Butylbenzylphthalate	13.47	149	405051	33.252	nq	93
80) Benzo(a)anthracene	14.04	228	740108	35.887	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	273022	35.705	nq	97
82) Chrysene	14.09	228	713352	34.313	nq	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	590377	37.479	nq	99
84) Di-n-octyl phthalate	14.64	149	1055959	44.645	nq	96
85) Indeno(1,2,3-cd)pyrene	17.04	276	635510	36.858	nq	97
87) Benzo(b)fluoranthene	15.10	252	793428	36.059	nq	98
88) Benzo(k)fluoranthene	15.13	252	695568	33.084	nq	99
89) Benzo(a)pyrene	15.48	252	710346	35.865	nq	97
90) Dibenzo(a,h)anthracene	17.06	278	554116	34.469	nq	97
91) Benzo(g,h,i)perylene	17.50	276	495693	31.503	nq	99

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

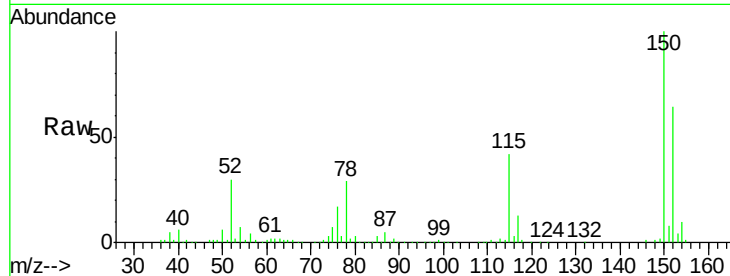


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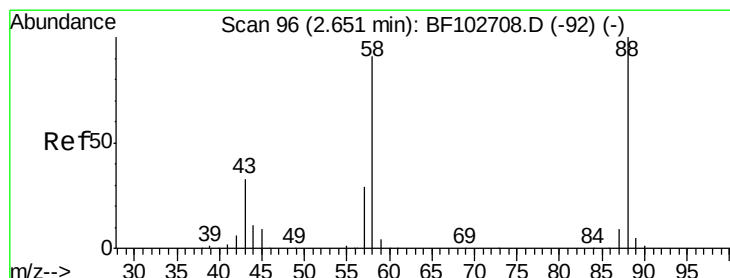
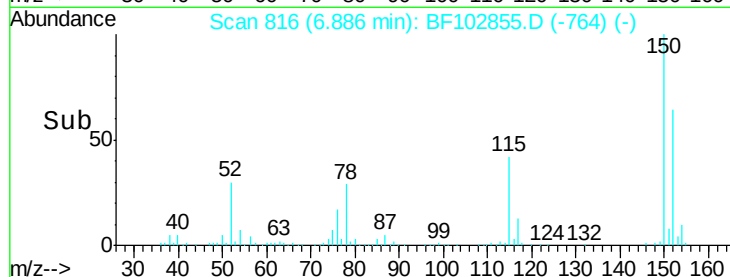
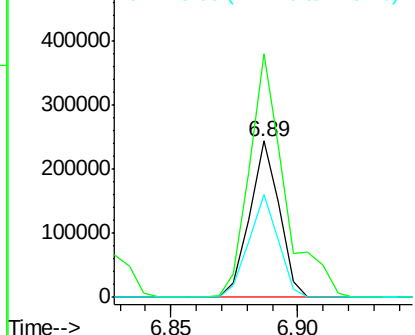
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

Tot Ion:152 Resp: 199710
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 65.5 50.1 75.1



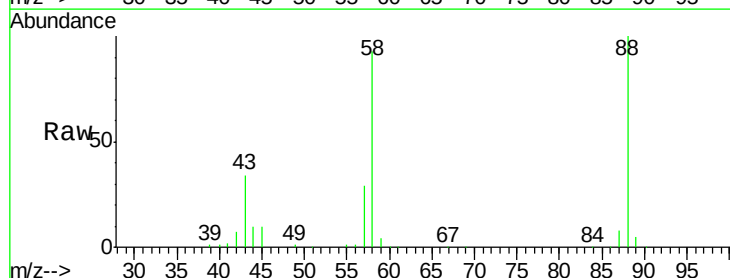
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



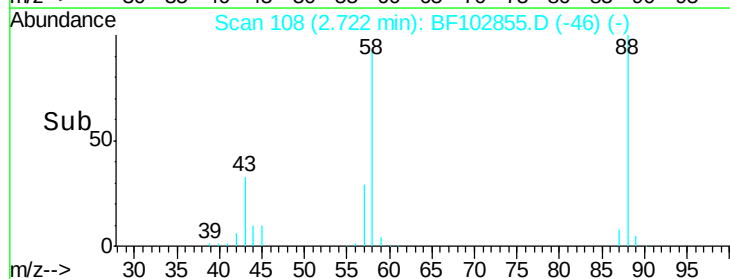
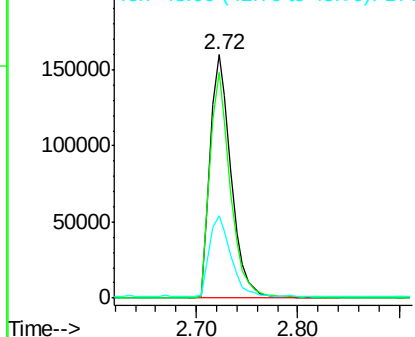
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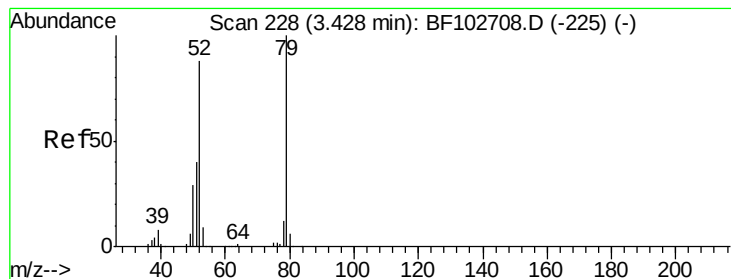
1,4-Dioxane
Concen: 35.348 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion: 88 Resp: 229598
Ion Ratio Lower Upper
88 100
58 91.1 62.6 93.8
43 32.9 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: 3.536 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.14 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

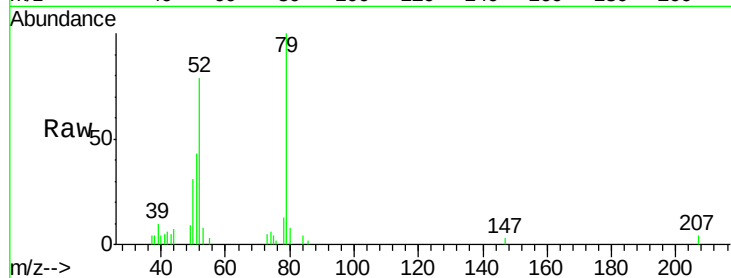
Tot Ion: 79 Resp: 63453

Ion Ratio Lower Upper

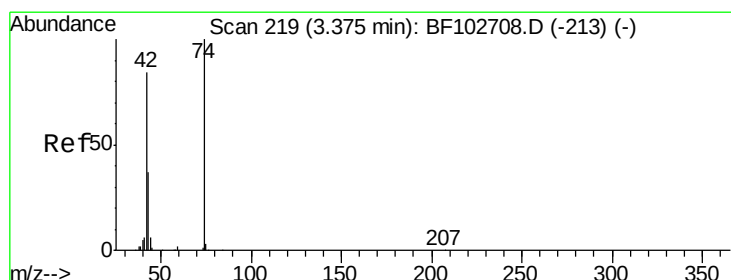
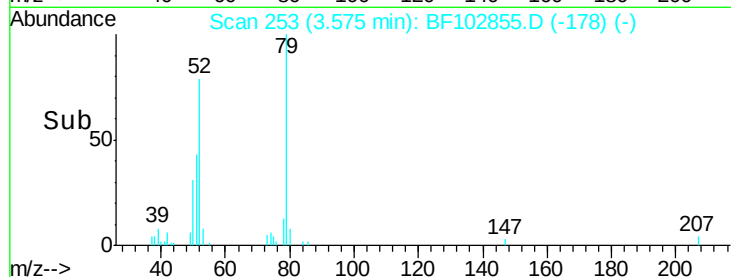
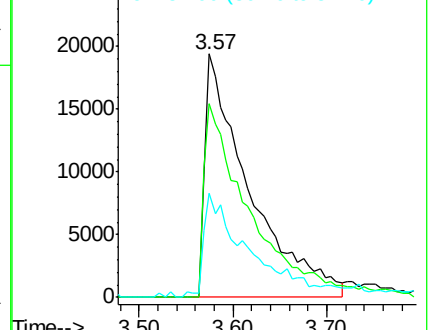
79 100

52 79.4 59.8 89.6

51 43.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 46.147 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

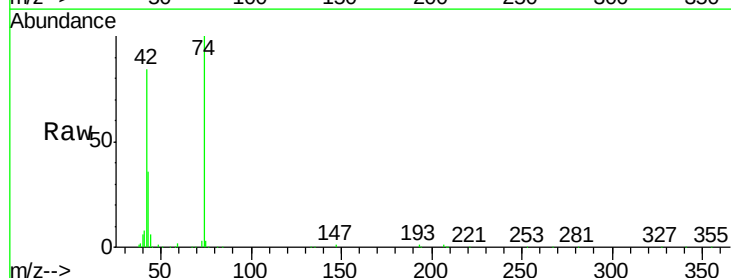
Tgt Ion: 42 Resp: 354319

Ion Ratio Lower Upper

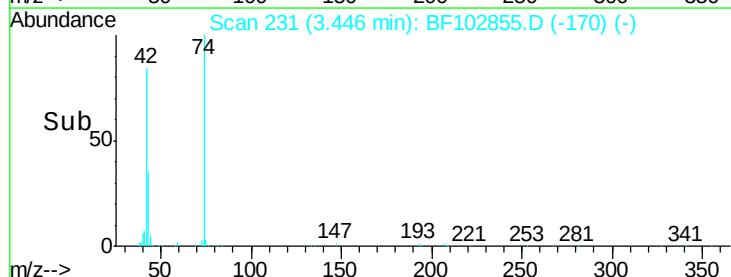
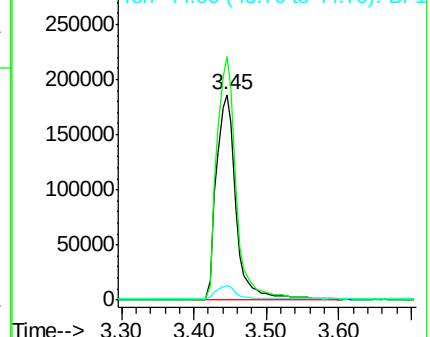
42 100

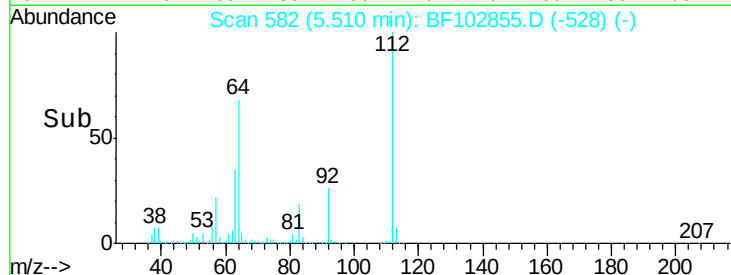
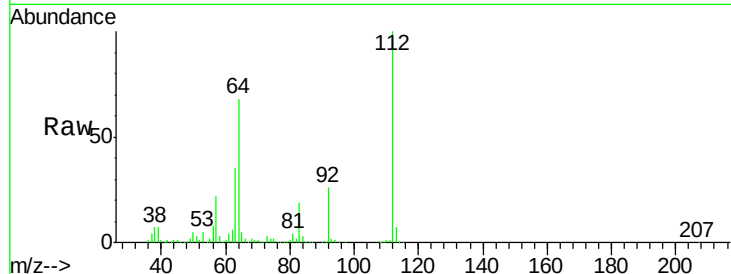
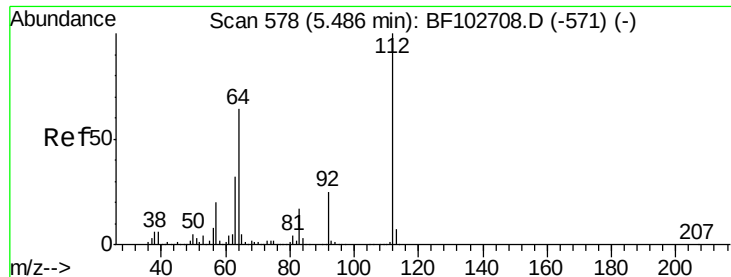
74 118.4 104.9 157.3

44 7.1 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 103.900 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

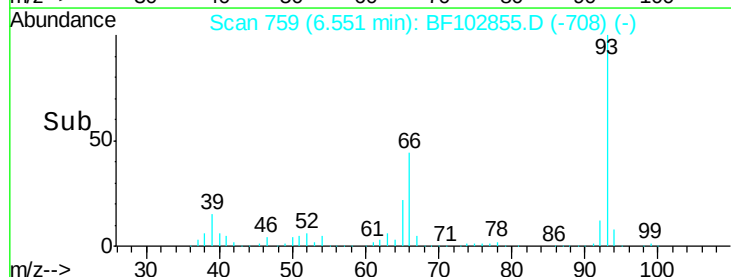
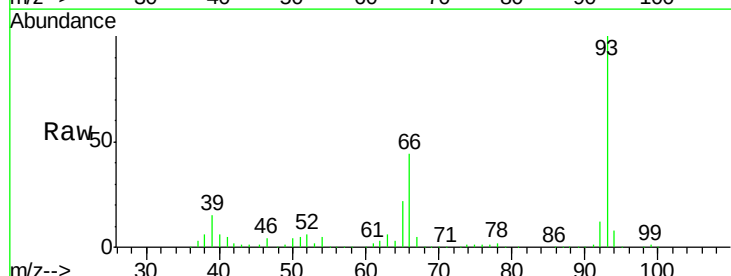
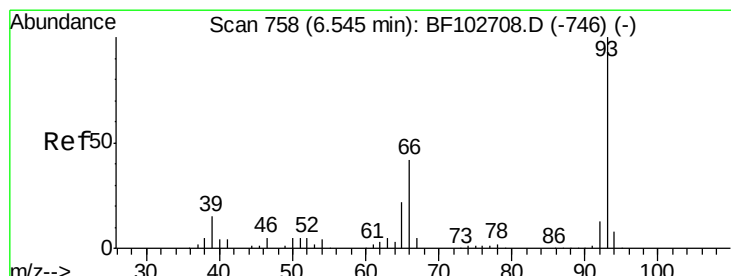
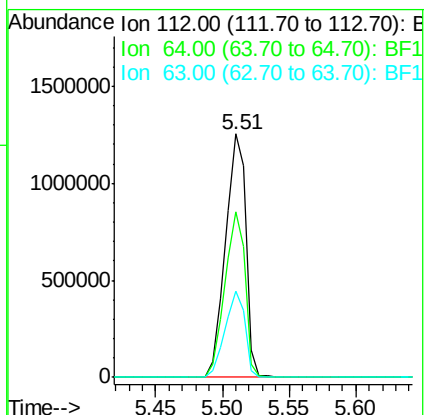
Tot Ion:112 Resp: 1366325

Ion Ratio Lower Upper

112 100

64 68.2 47.9 71.9

63 35.2 23.7 35.5



#6

Aniline

Concen: 16.635 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

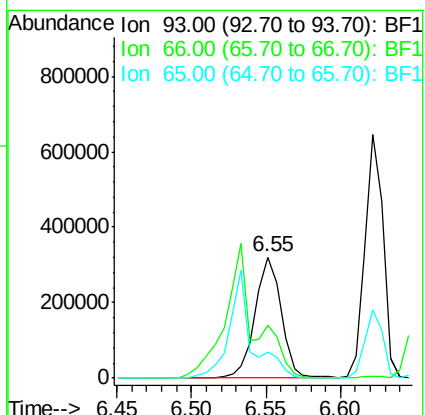
Tgt Ion: 93 Resp: 388988

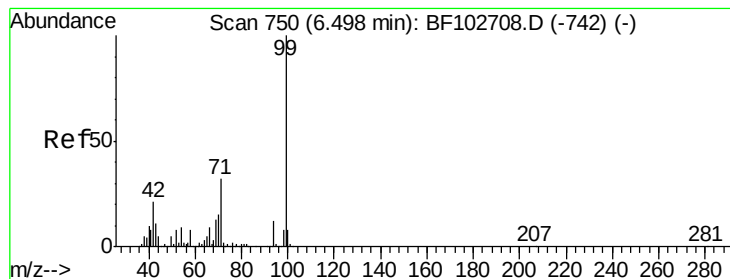
Ion Ratio Lower Upper

93 100

66 43.7 32.2 48.2

65 21.6 16.4 24.6





#7

Phenol-d6

Concen: 104.718 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

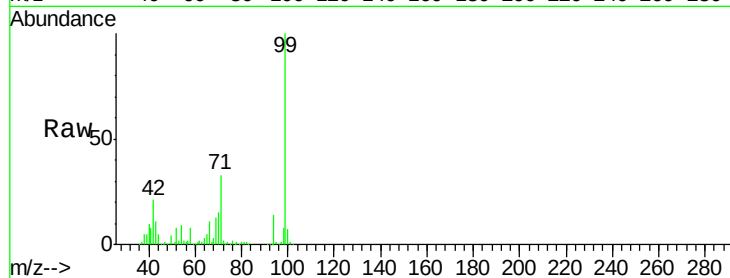
Tot Ion: 99 Resp: 1658098

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

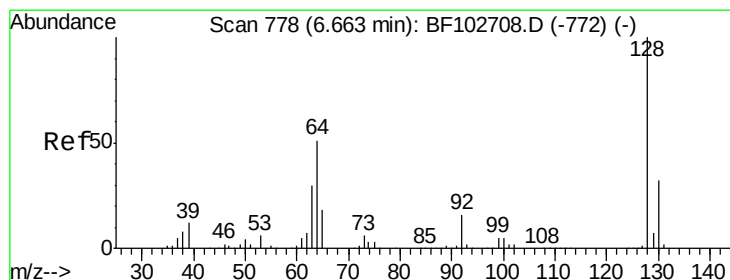
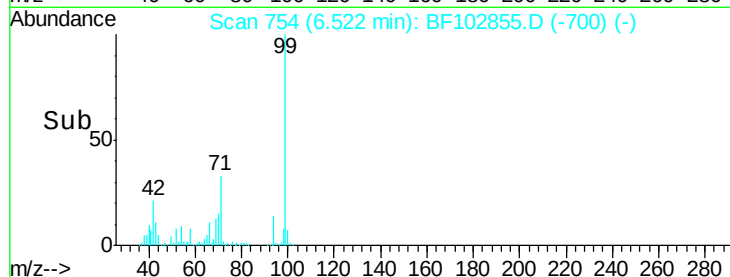
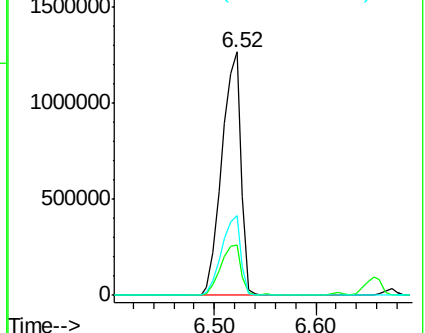
71 32.8 25.4 38.0



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: 37.954 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

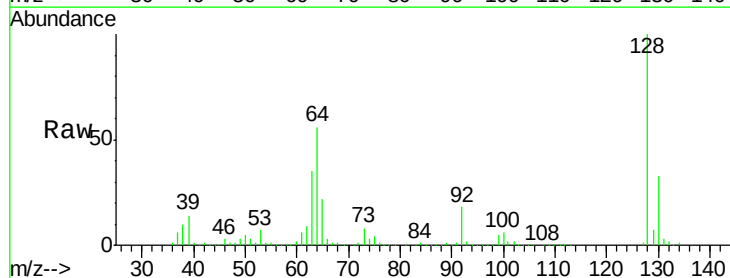
Tgt Ion: 128 Resp: 513835

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

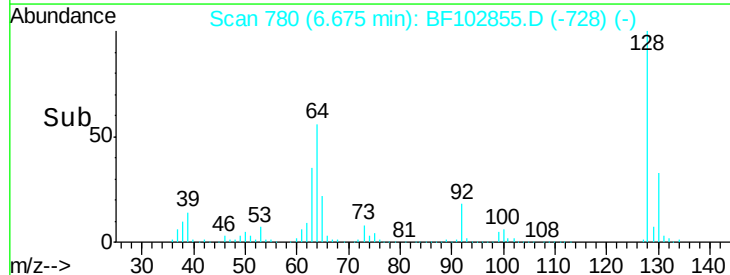
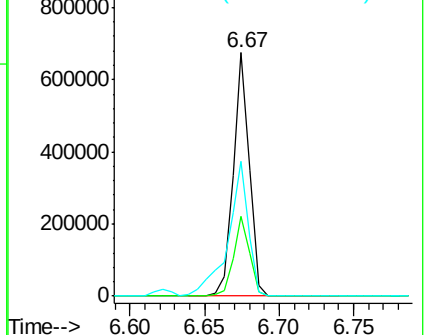
64 55.5 29.4 69.4

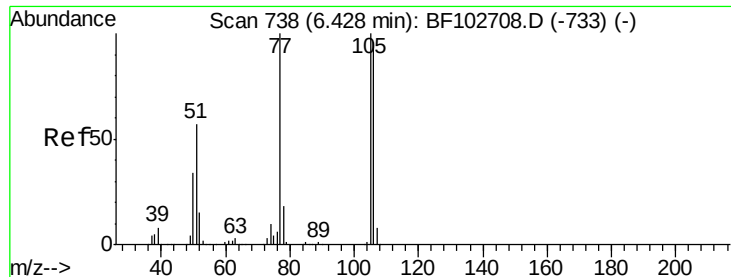


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.712 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

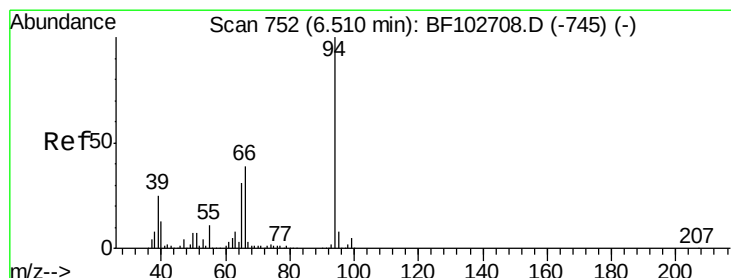
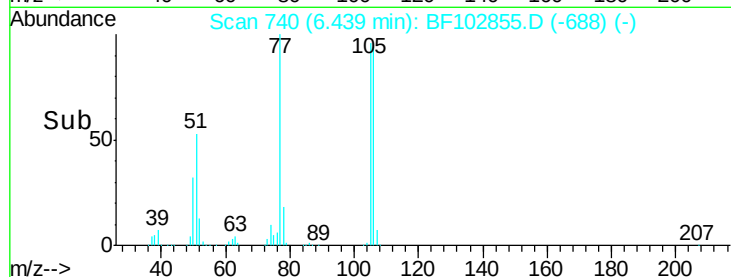
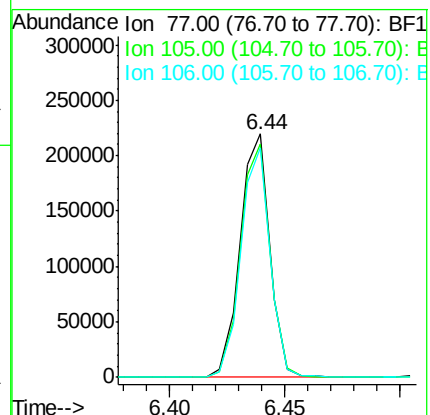
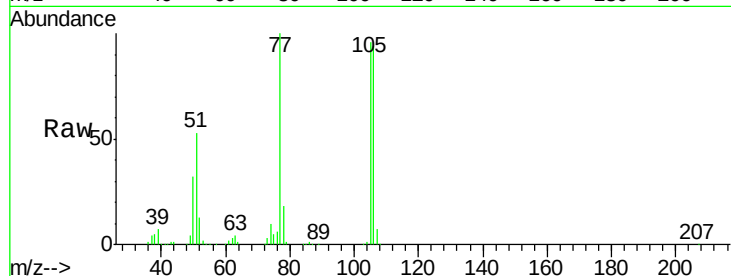
Tot Ion: 77 Resp: 196516

Ion Ratio Lower Upper

77 100

105 96.1 81.1 121.1

106 94.2 74.5 114.5



#10

Phenol

Concen: 42.562 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

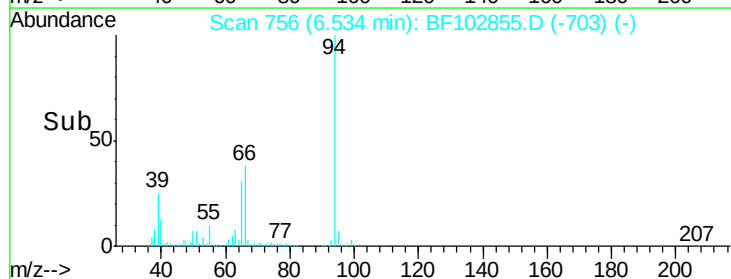
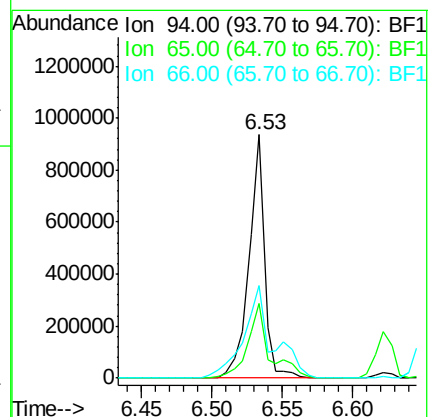
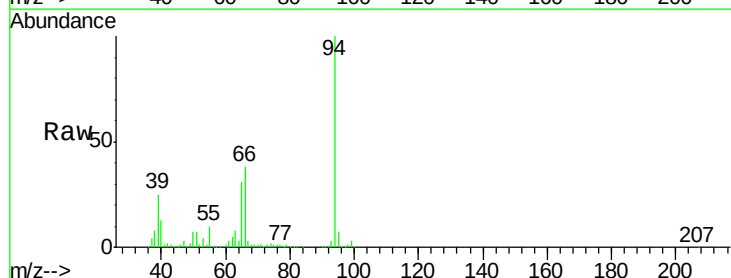
Tgt Ion: 94 Resp: 722232

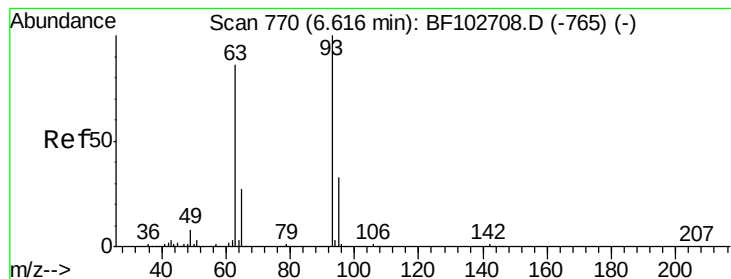
Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

66 38.1 16.2 56.2

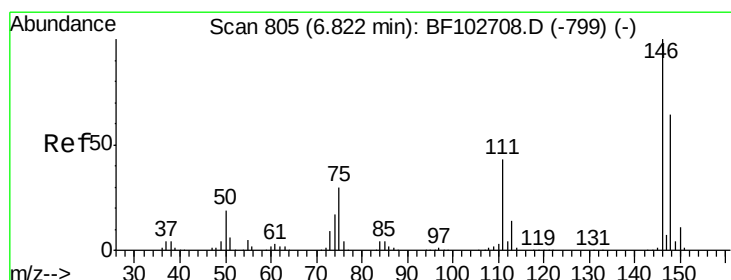
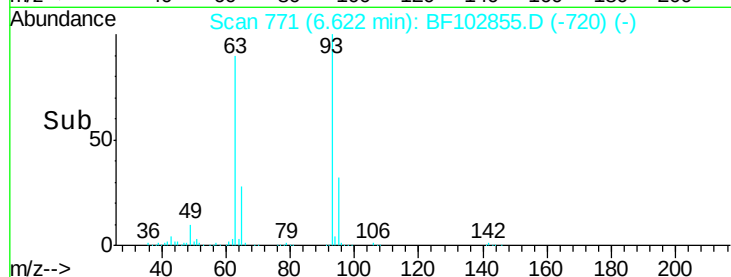
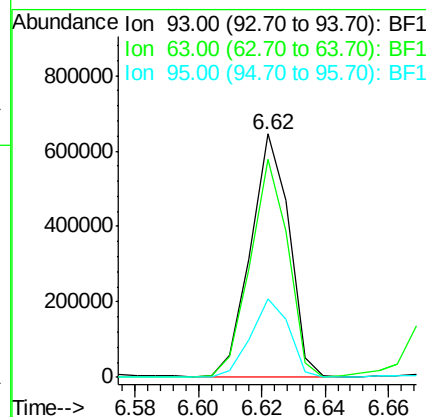
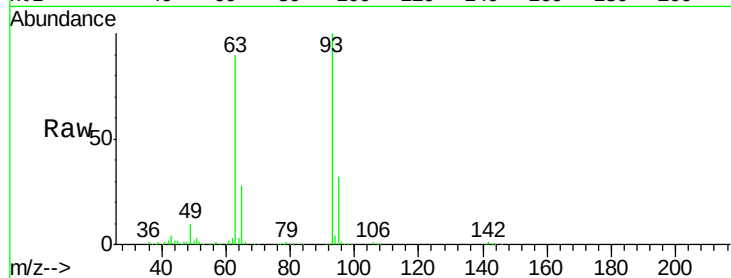




#11
bis(2-Chloroethyl)ether
Concen: 38.386 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

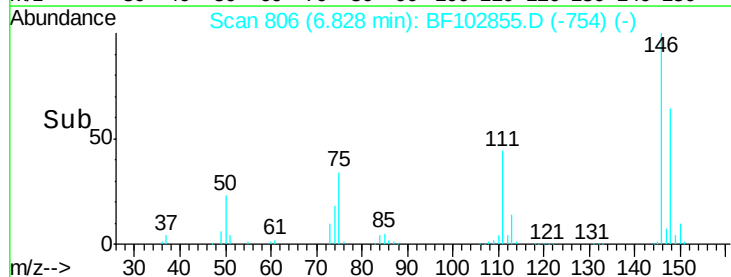
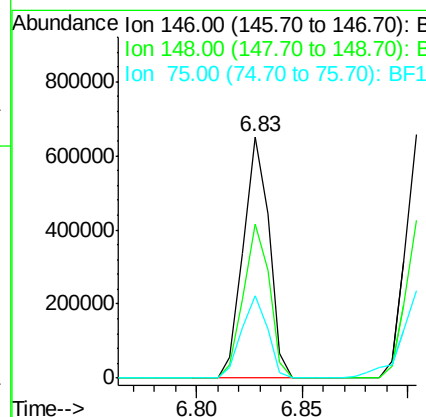
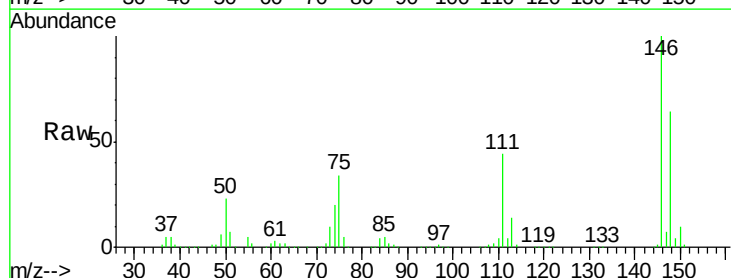
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

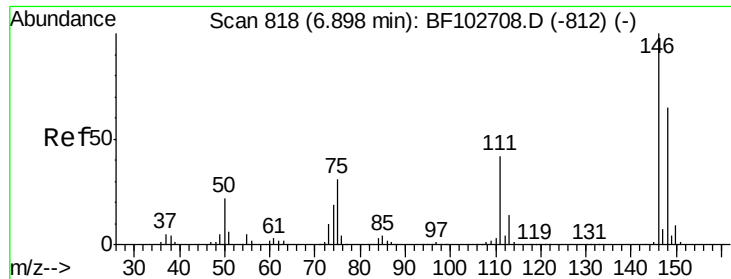
Tot Ion: 93 Resp: 542010
Ion Ratio Lower Upper
93 100
63 89.6 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.075 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion: 146 Resp: 549894
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 34.0 24.2 36.4

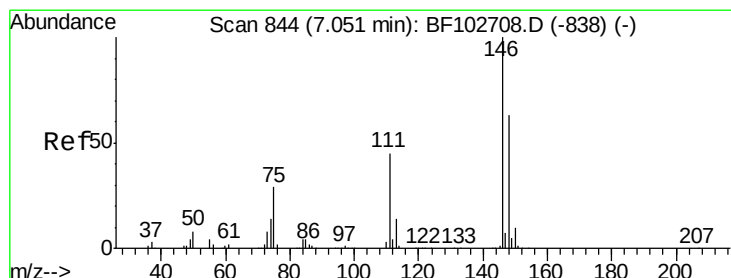
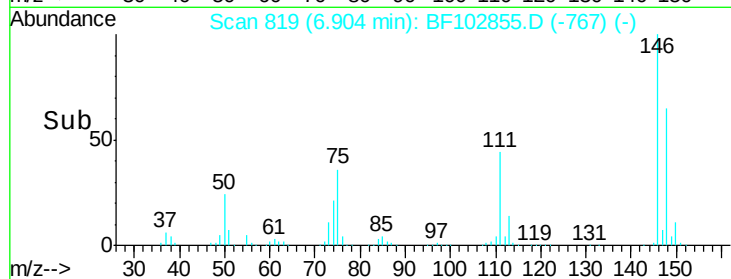
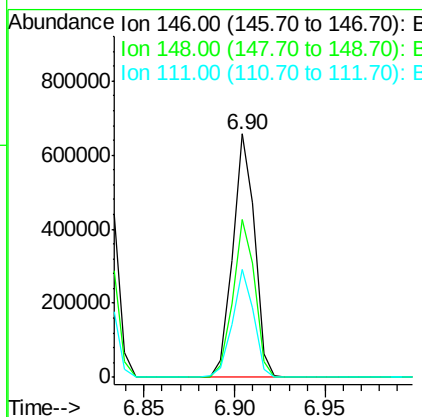
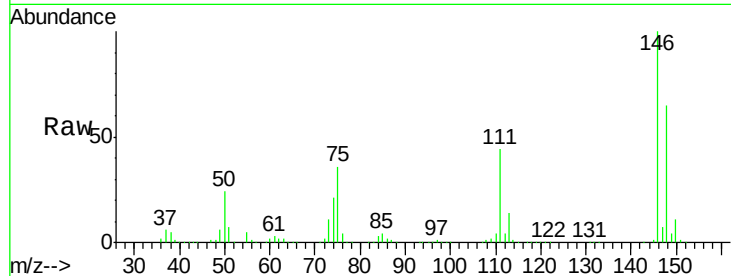




#13
 1,4-Dichlorobenzene
 Concen: 35.227 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

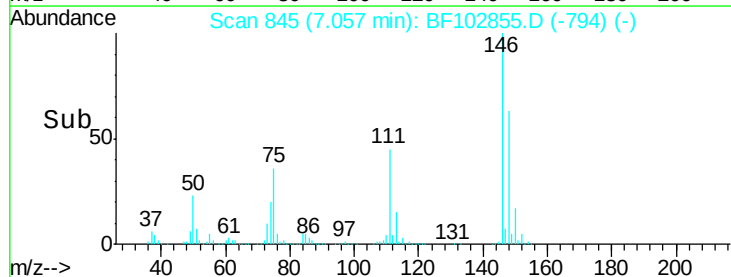
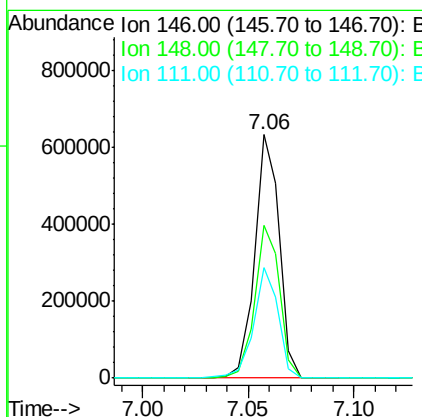
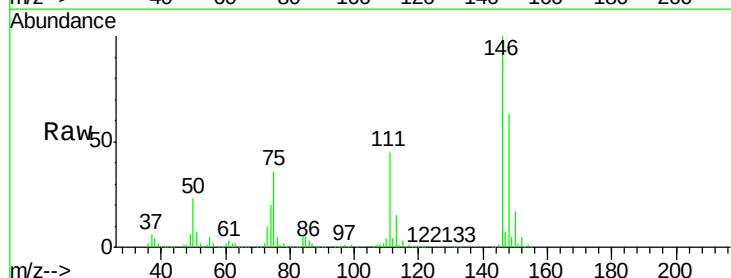
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

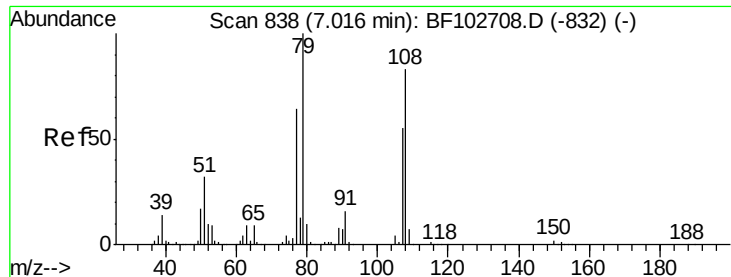
Tot Ion:146 Resp: 550147
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 44.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.030 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Tgt Ion:146 Resp: 509557
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.6 75.8
 111 45.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.494 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

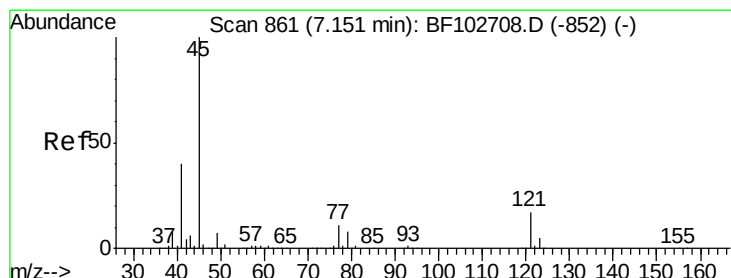
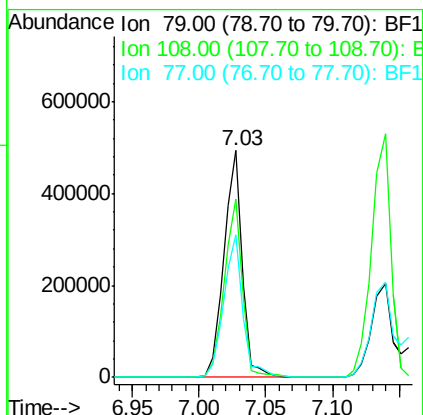
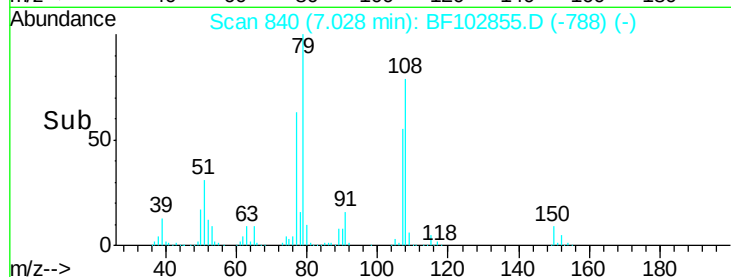
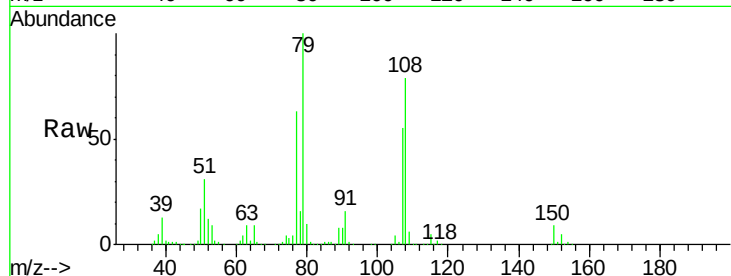
Tot Ion: 79 Resp: 480776

Ion Ratio Lower Upper

79 100

108 78.9 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.824 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

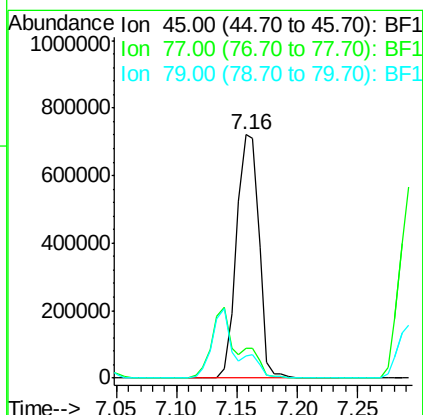
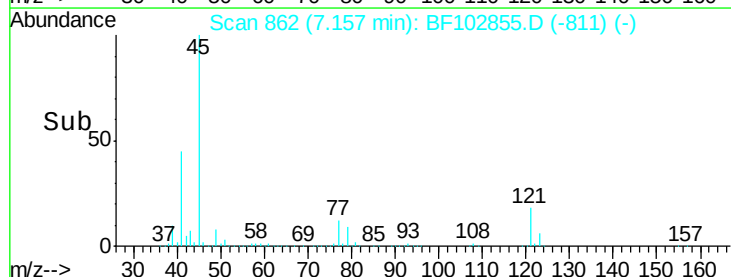
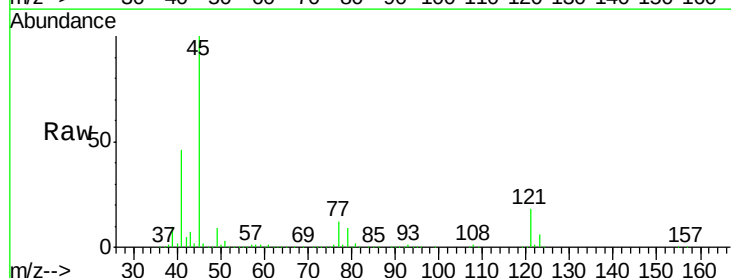
Tgt Ion: 45 Resp: 934088

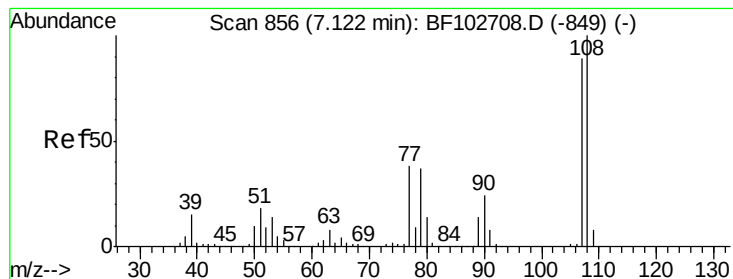
Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.9

79 9.0 0.0 29.6

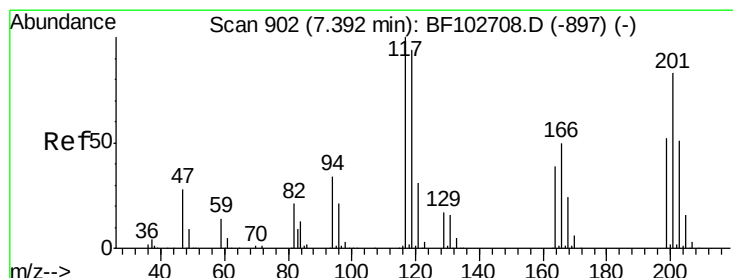
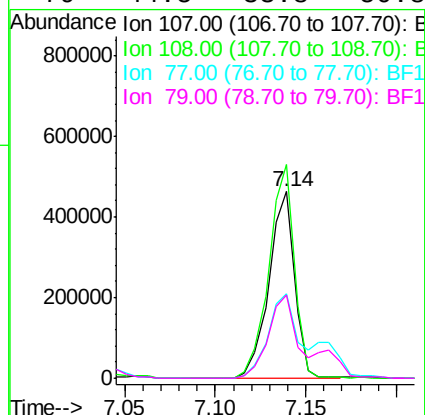
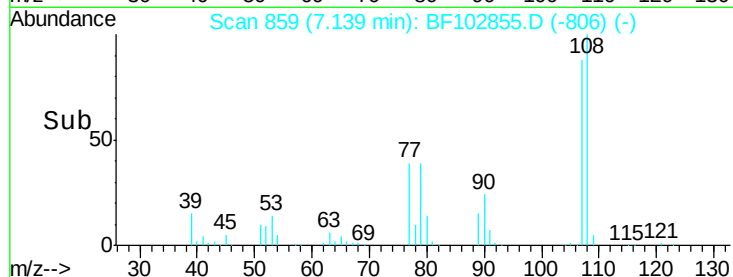
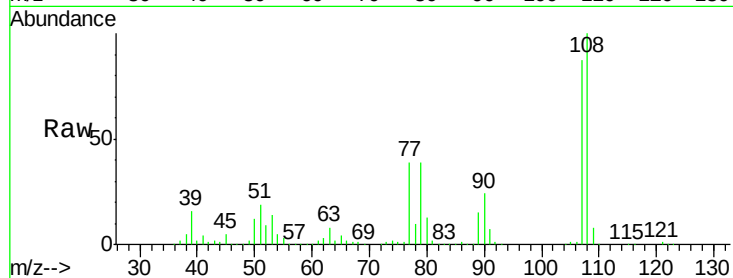




#17
2-Methylphenol
Concen: 36.368 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

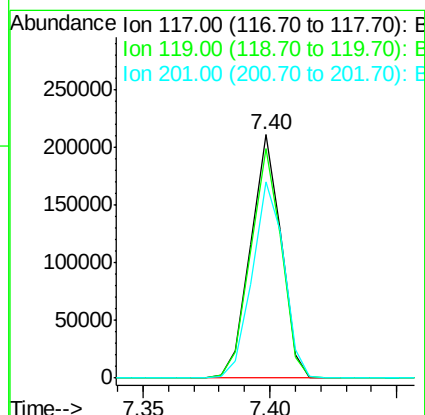
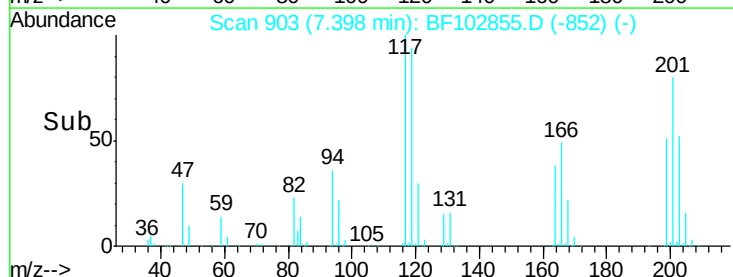
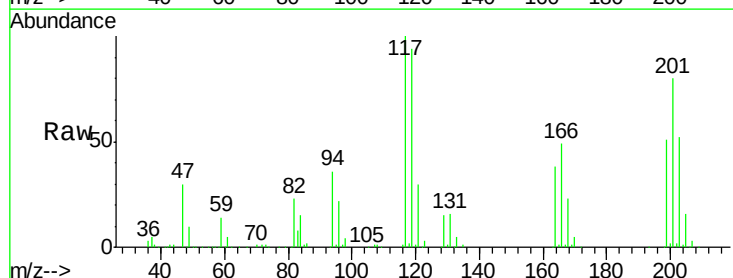
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

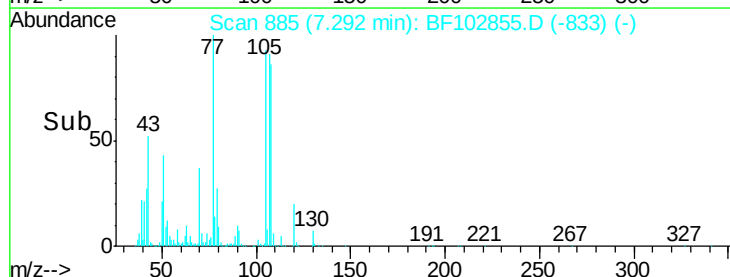
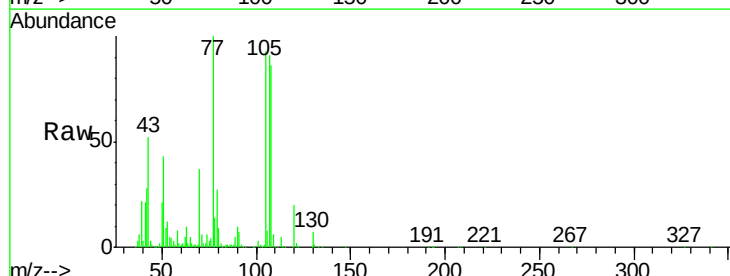
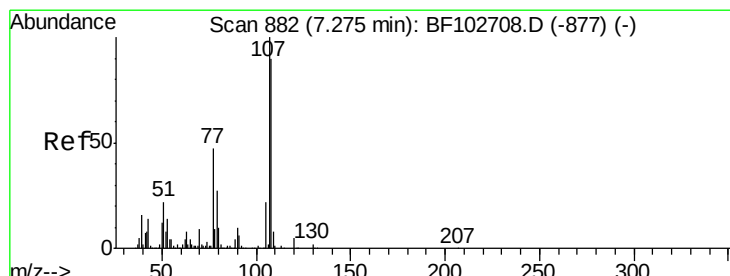
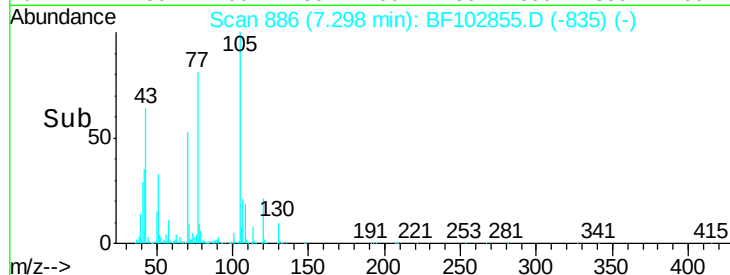
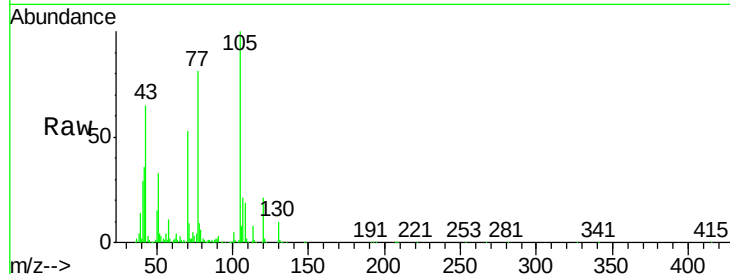
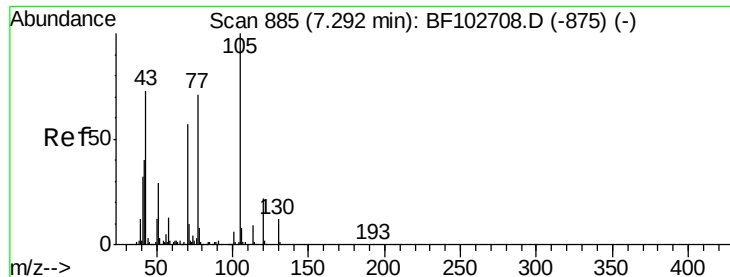
Tot Ion:107 Resp: 454158
Ion Ratio Lower Upper
107 100
108 114.6 91.7 137.5
77 45.0 33.8 50.8
79 44.5 33.8 50.8



#18
Hexachloroethane
Concen: 33.091 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:117 Resp: 177213
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 80.5 75.7 113.5

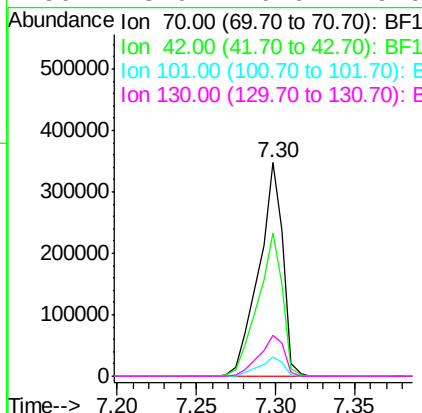




#19
n-Nitroso-di-n-propylamine
Concen: 35.301 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

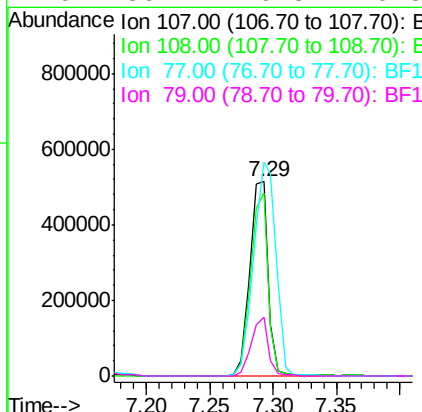
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

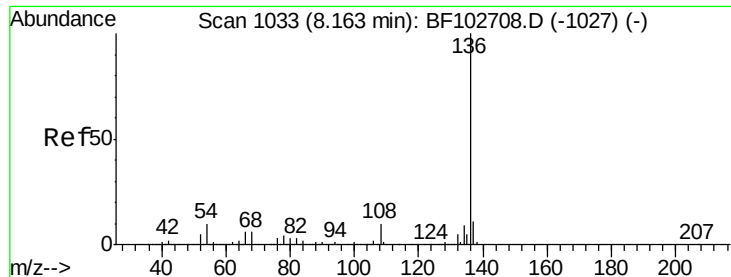
Tot Ion: 70 Resp: 368531
Ion Ratio Lower Upper
70 100
42 67.3 47.5 71.3
101 9.1 7.4 11.2
130 18.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 33.947 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:107 Resp: 522787
Ion Ratio Lower Upper
107 100
108 94.0 68.2 108.2
77 109.9 26.7 66.7#
79 30.2 6.3 46.3

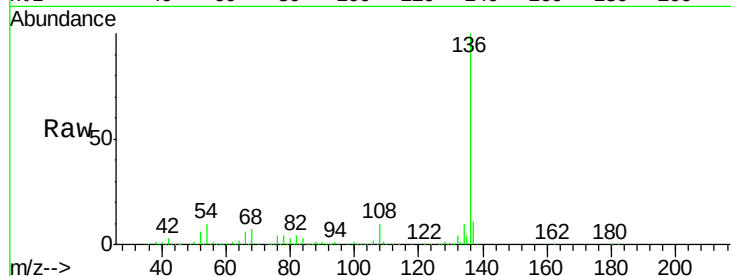




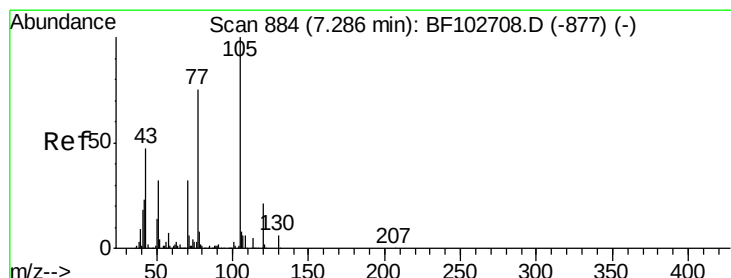
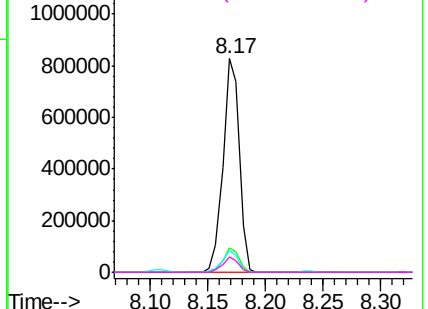
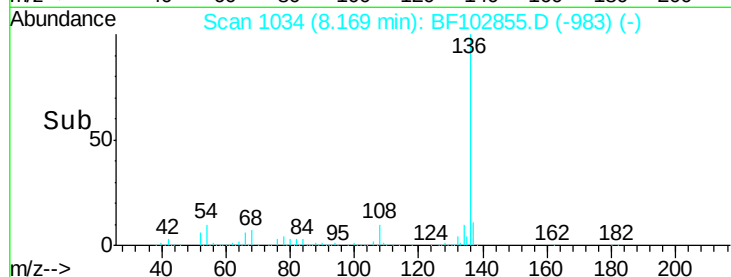
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

Tot Ion:136	Resp:	809657
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	10.4	6.6 9.8#
68	6.9	5.0 7.4

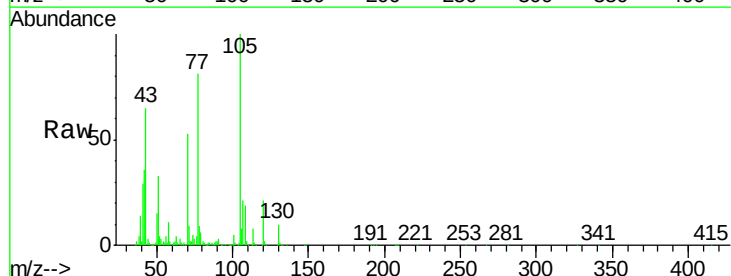


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

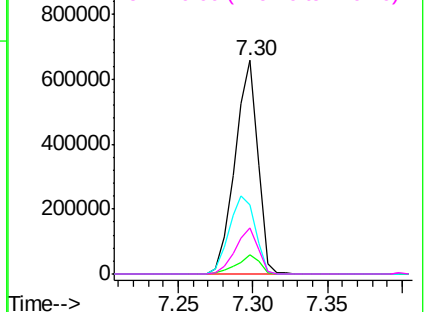
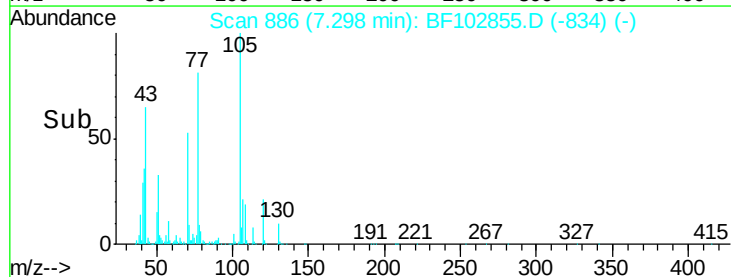


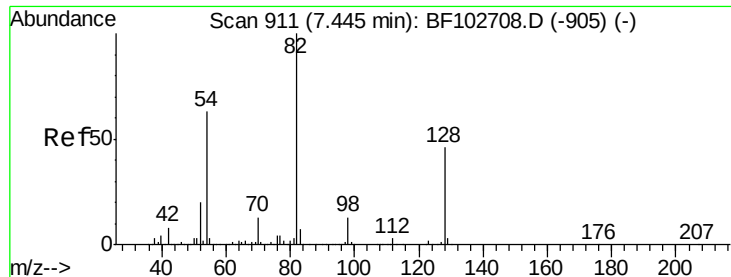
#22
Acetophenone
Concen: 35.601 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:105	Resp:	705370
Ion Ratio	Lower	Upper
105	100	
71	8.9	4.4 6.6#
51	32.6	22.3 33.5
120	21.4	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

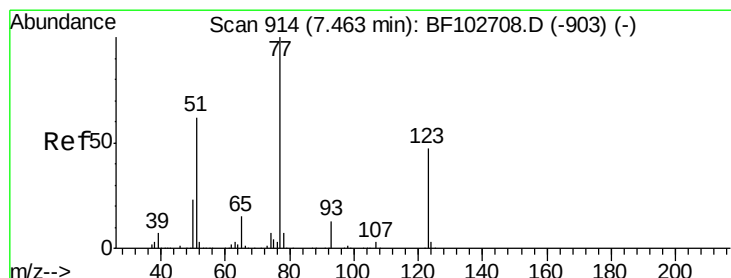
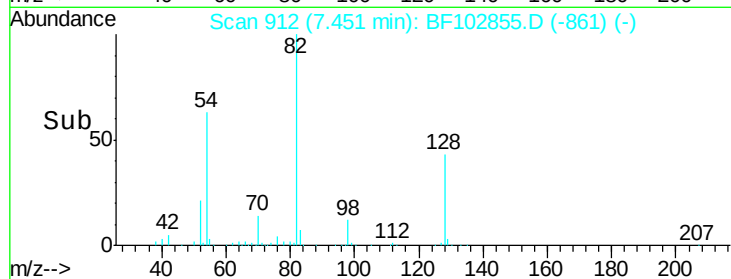
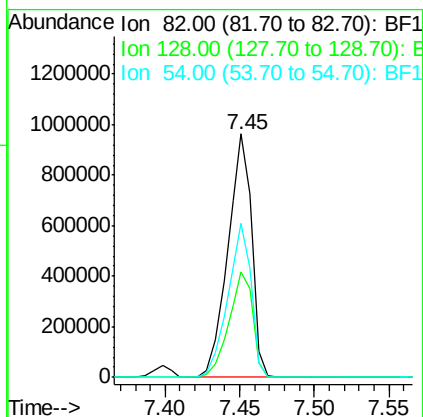
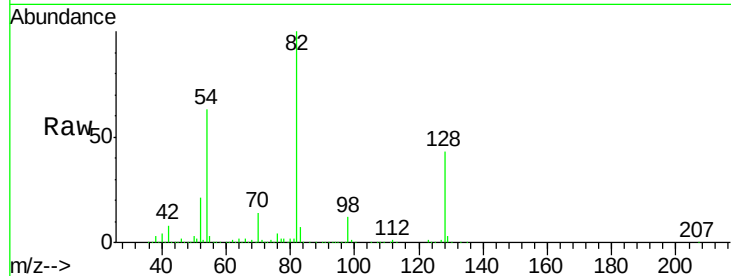




#23
 Nitrobenzene-d5
 Concen: 92.840 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

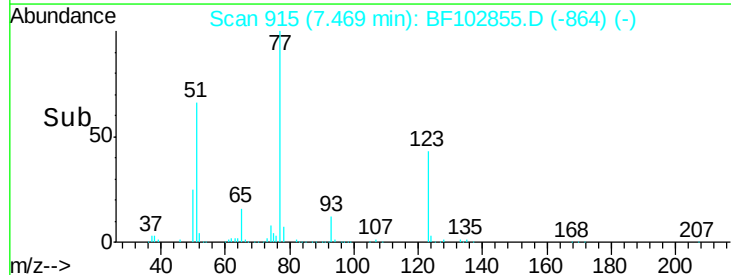
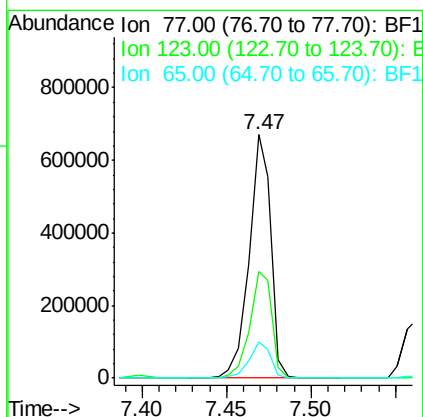
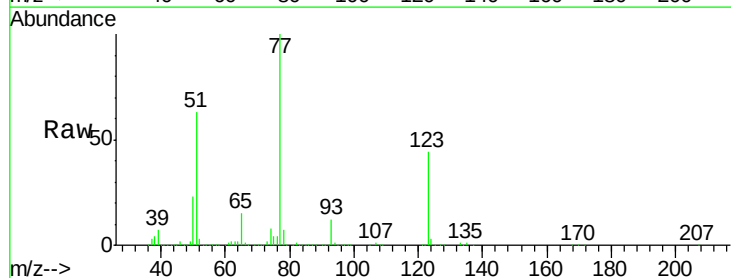
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

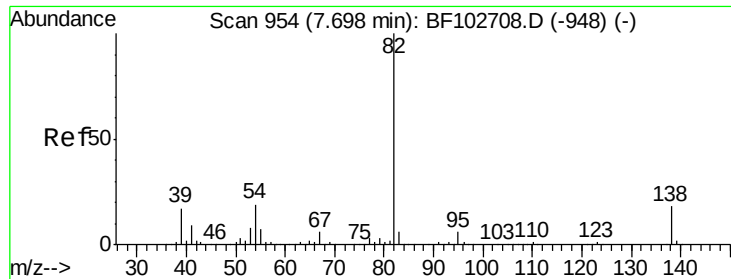
Tot Ion: 82 Resp: 1083577
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.1 54.1
 54 63.1 41.4 62.2#



#24
 Nitrobenzene
 Concen: 43.725 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Tgt Ion: 77 Resp: 600331
 Ion Ratio Lower Upper
 77 100
 123 43.6 37.9 56.9
 65 15.1 11.0 16.4





#25

Isophorone

Concen: 40.279 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

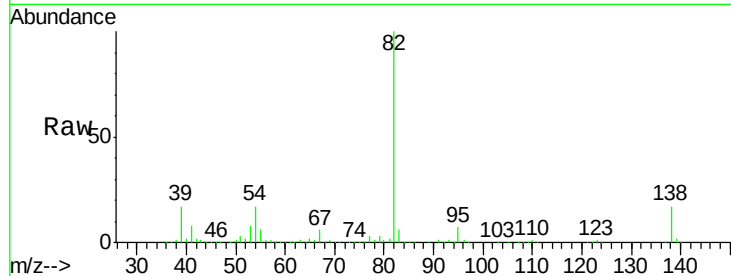
Tot Ion: 82 Resp: 1082523

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

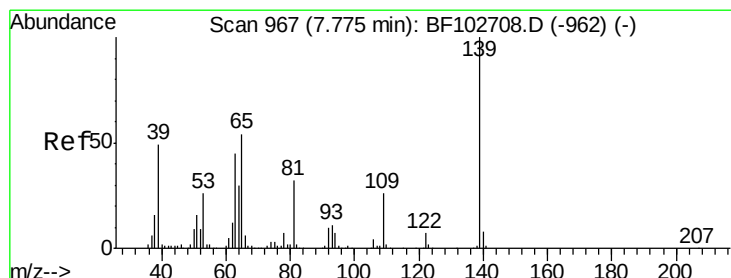
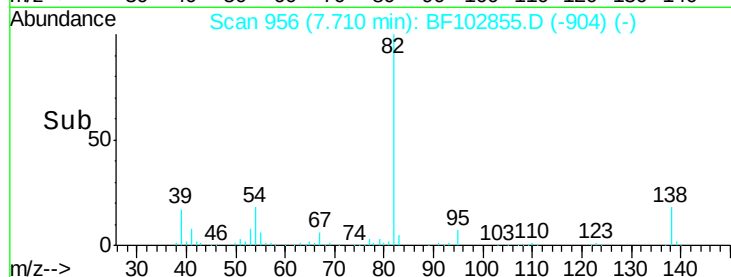
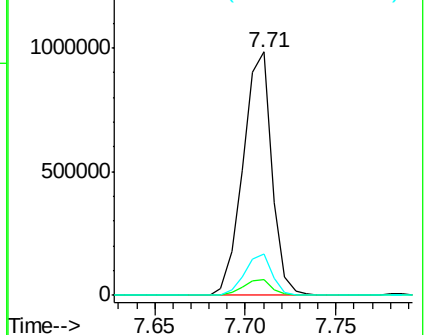
138 17.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.783 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

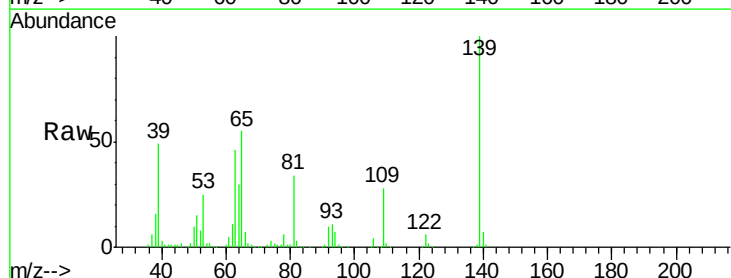
Tgt Ion: 139 Resp: 255472

Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

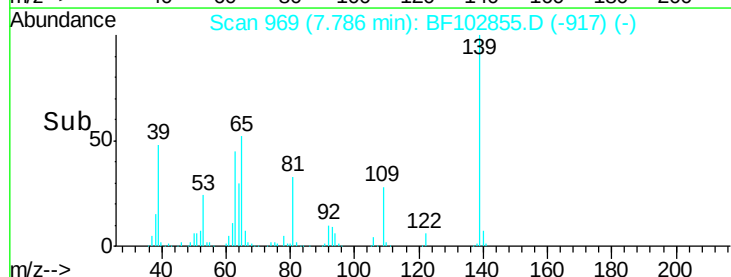
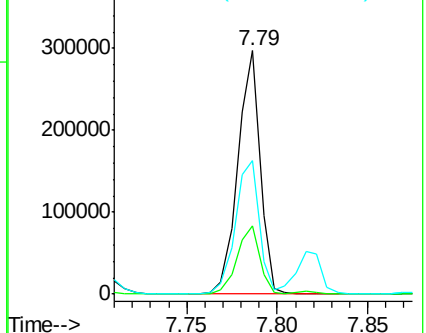
65 54.9 40.5 60.7

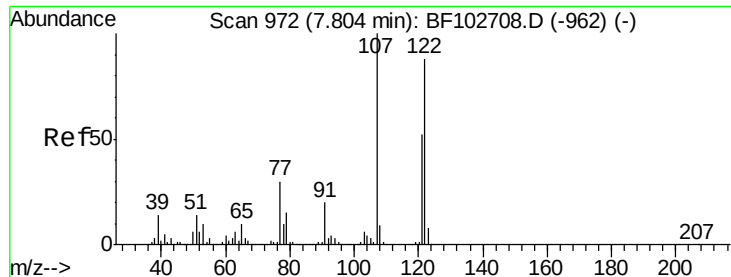


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 42.132 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

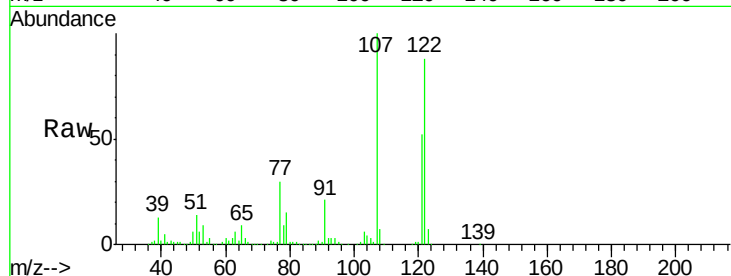
Tot Ion:122 Resp: 478385

Ion Ratio Lower Upper

122 100

107 113.1 91.2 136.8

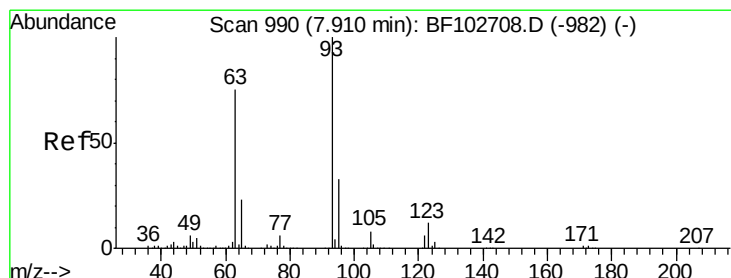
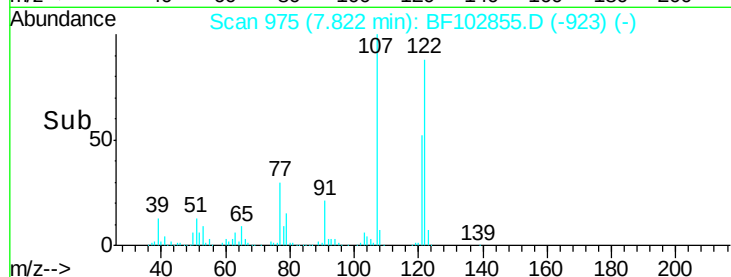
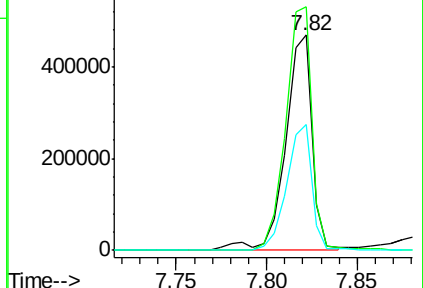
121 58.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.011 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

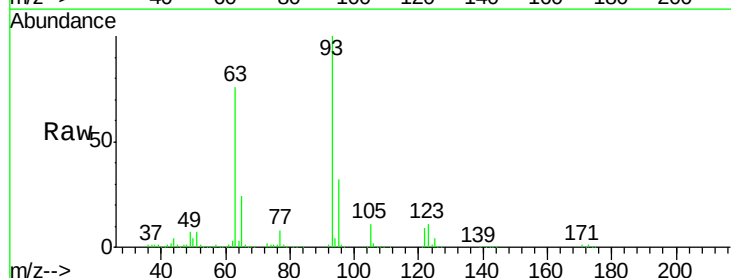
Tgt Ion: 93 Resp: 652925

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

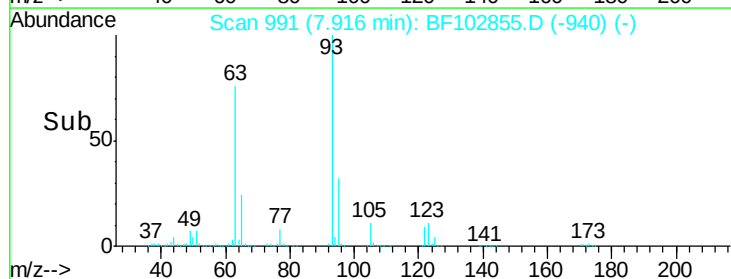
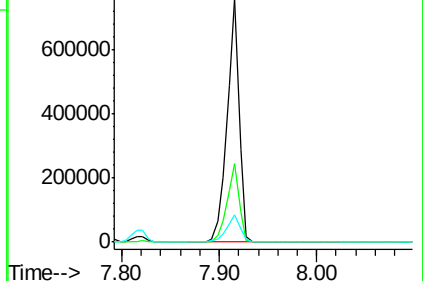
123 11.4 9.8 14.6

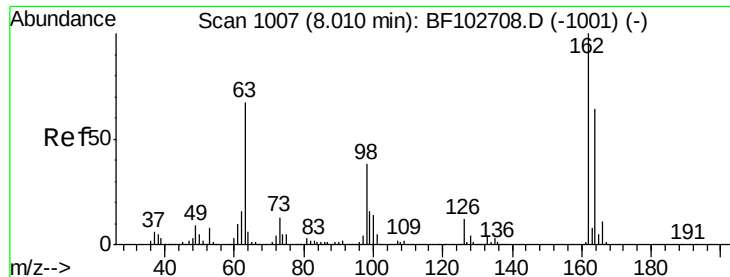


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

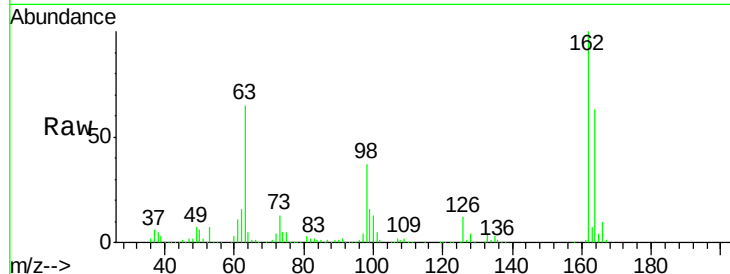




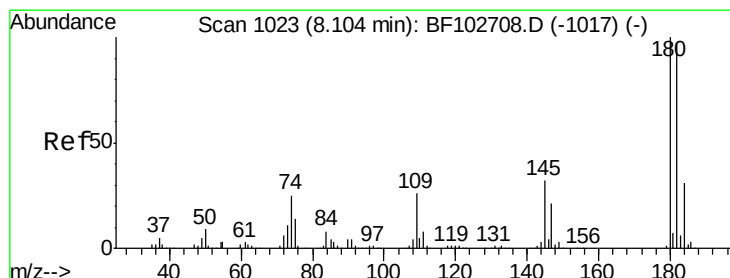
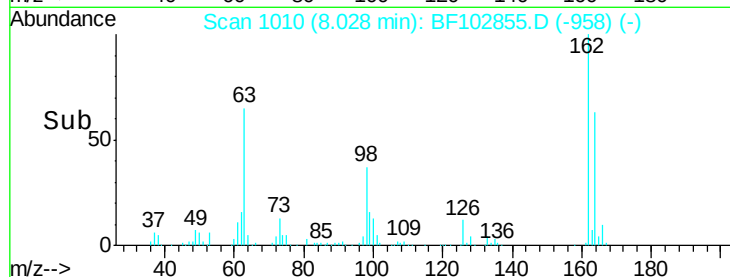
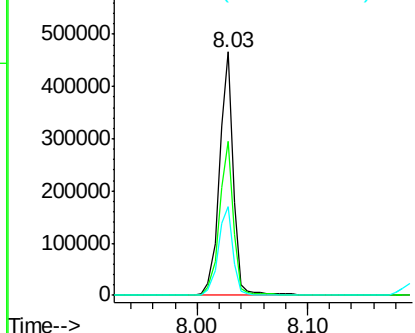
#29
 2,4-Dichlorophenol
 Concen: 39.491 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	36.7	18.1	58.1

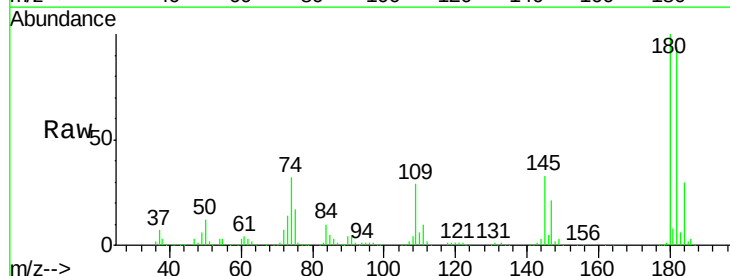


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

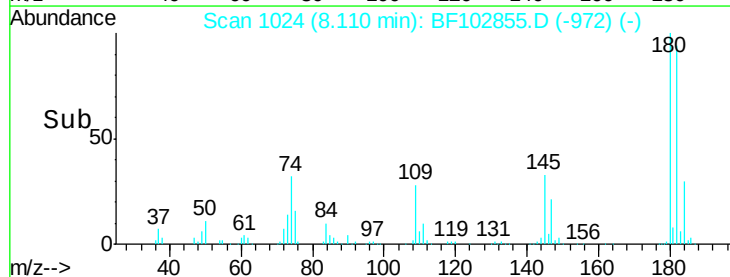
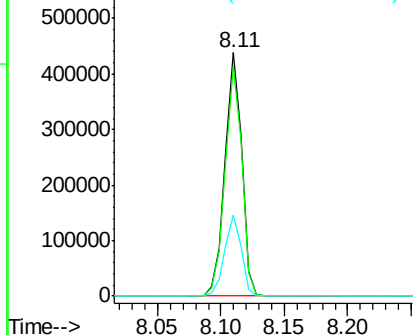


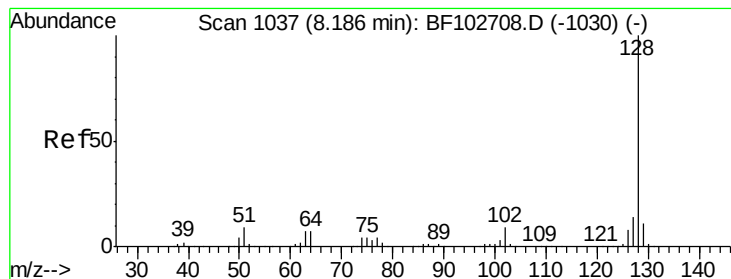
#30
 1,2,4-Trichlorobenzene
 Concen: 34.639 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	33.4	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: 36.033 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

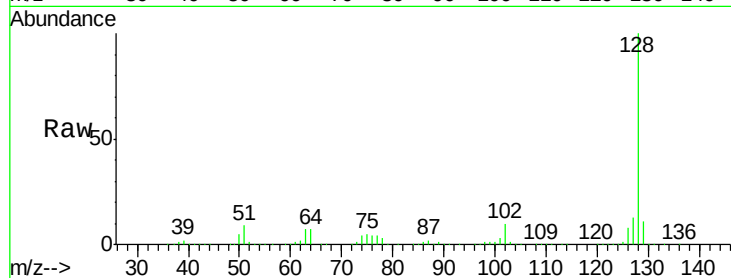
Tot Ion:128 Resp: 1425417

Ion Ratio Lower Upper

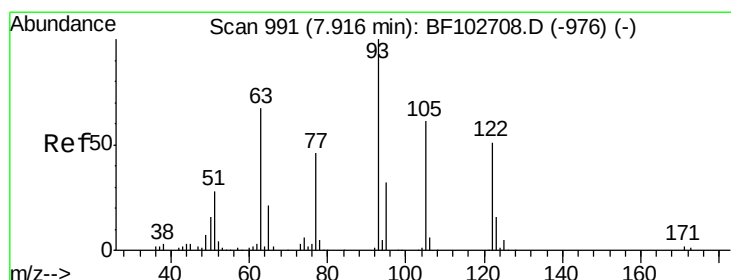
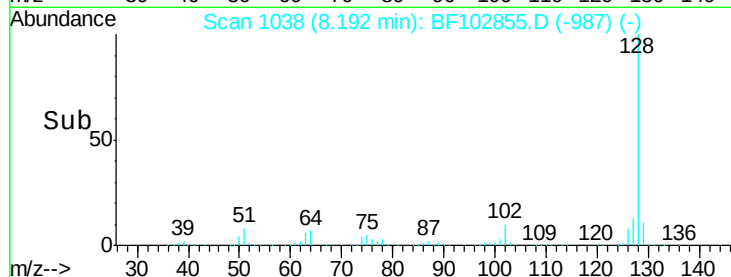
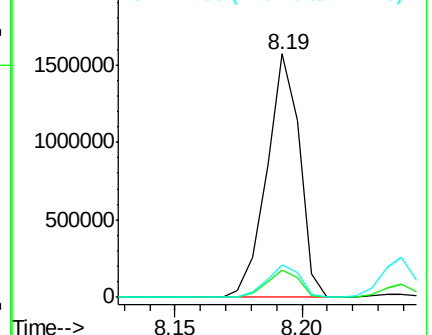
128 100

129 11.4 8.8 13.2

127 13.4 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: 32.743 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

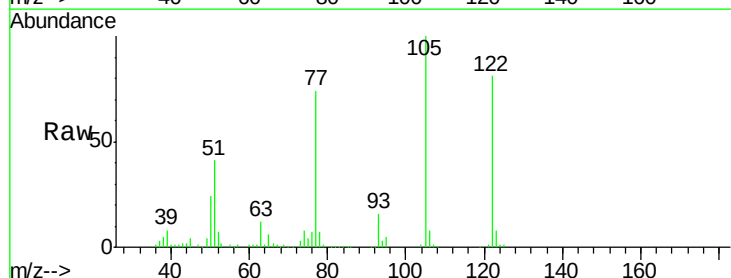
Tgt Ion:122 Resp: 222237

Ion Ratio Lower Upper

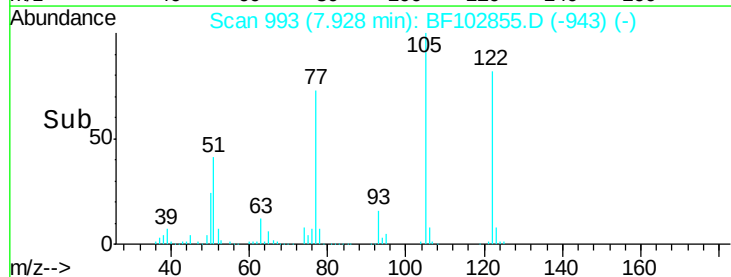
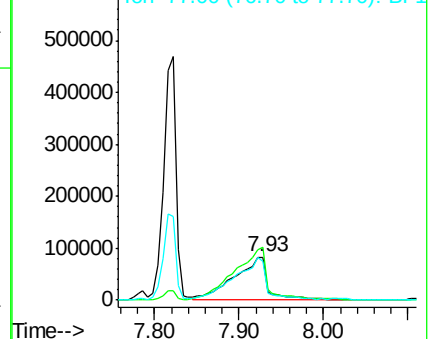
122 100

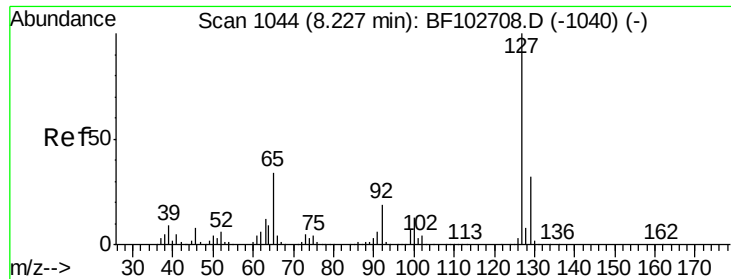
105 123.1 101.1 141.1

77 91.1 70.7 110.7



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

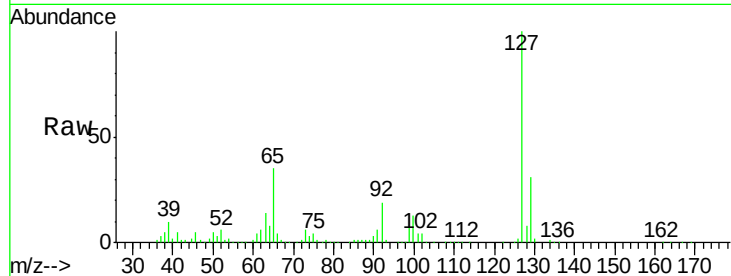




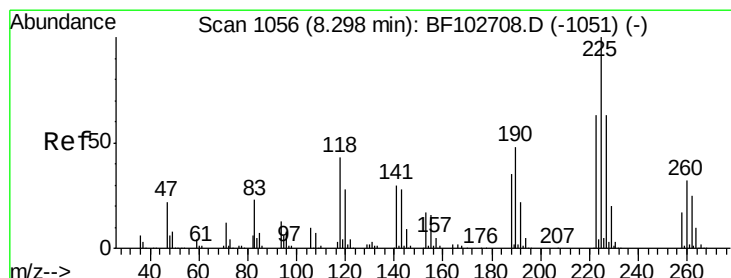
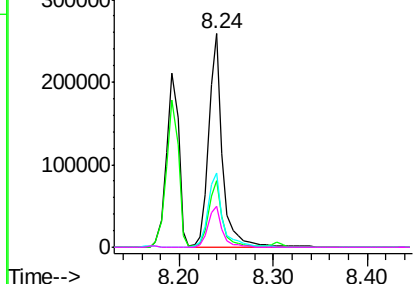
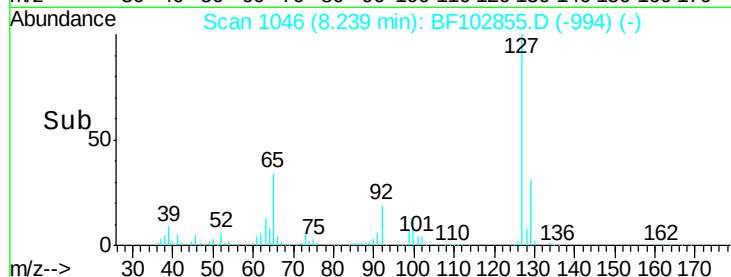
#33
4-Chloroaniline
Concen: 15.622 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

Tot Ion:	127	Resp:	266219
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	34.6	25.0	37.4
92	19.2	15.2	22.8

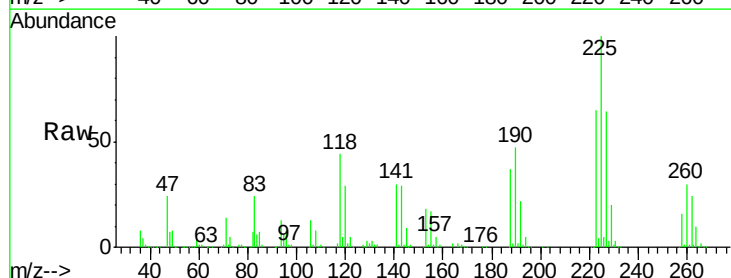


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

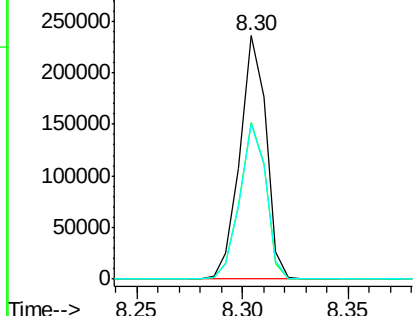
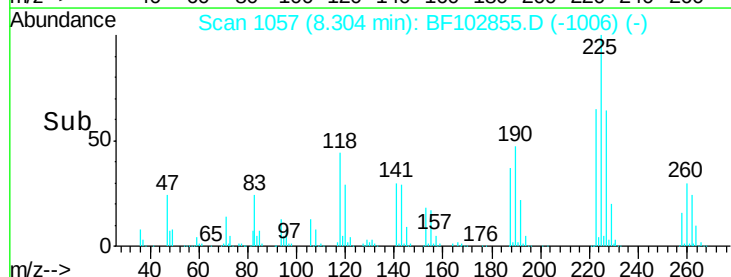


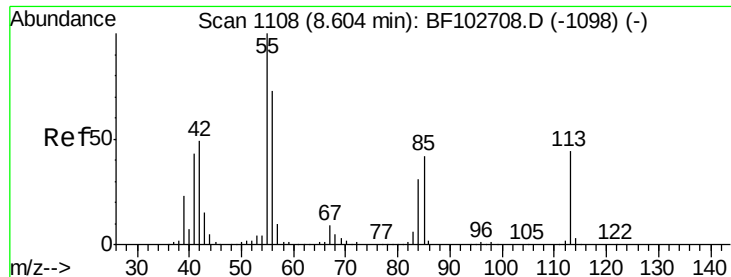
#34
Hexachlorobutadiene
Concen: 33.933 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:	225	Resp:	203038
Ion	Ratio	Lower	Upper
225	100		
223	64.5	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: 34.203 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

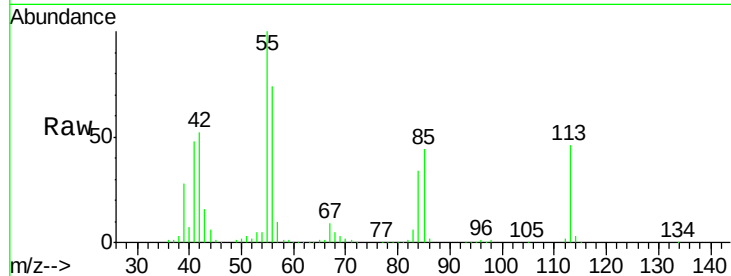
Tot Ion:113 Resp: 122605

Ion Ratio Lower Upper

113 100

55 216.5 163.3 203.3#

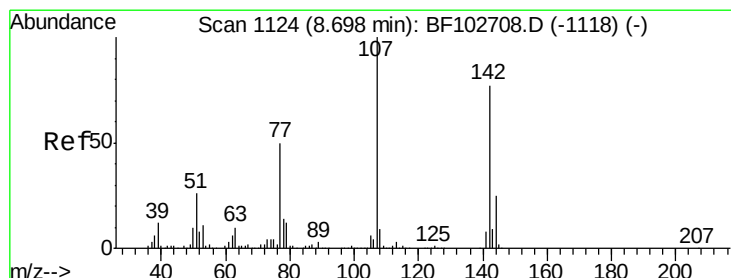
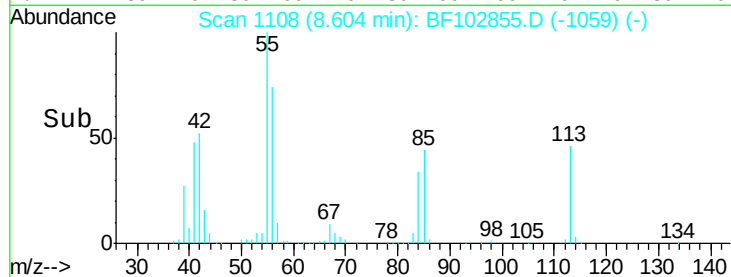
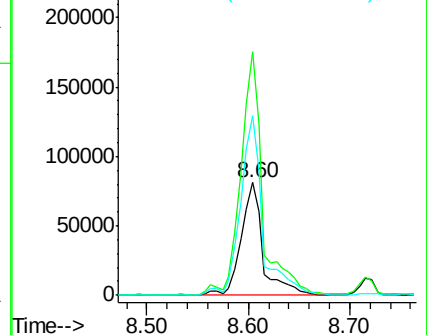
56 159.2 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.682 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

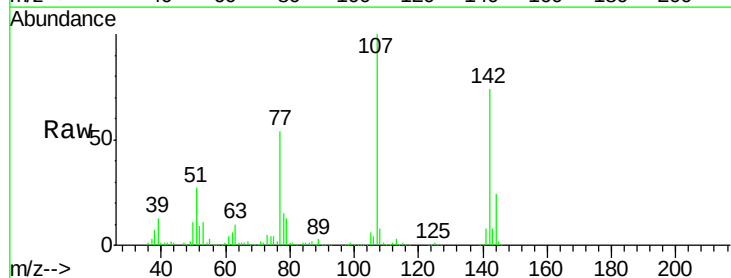
Tgt Ion:107 Resp: 448609

Ion Ratio Lower Upper

107 100

144 24.0 20.5 30.7

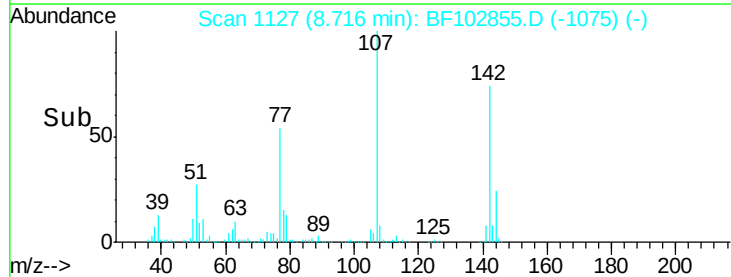
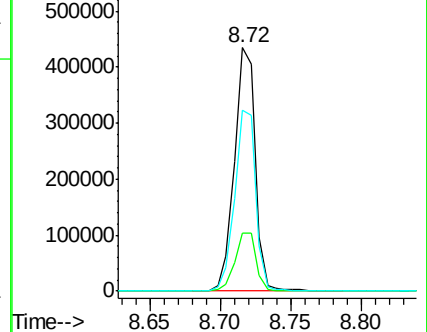
142 74.1 62.0 93.0

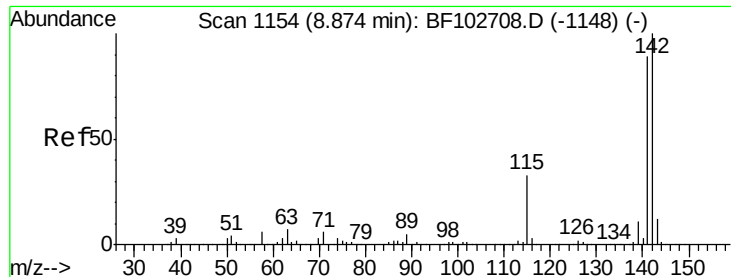


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

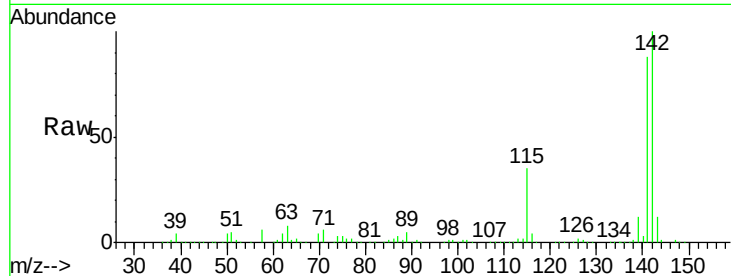




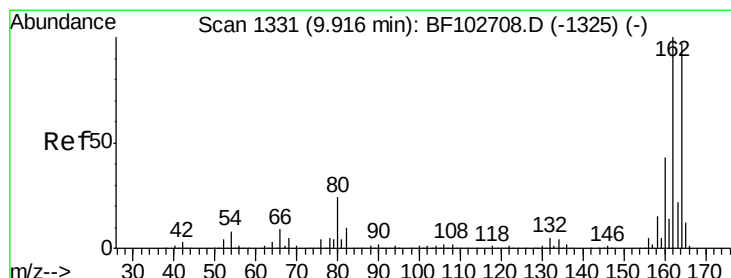
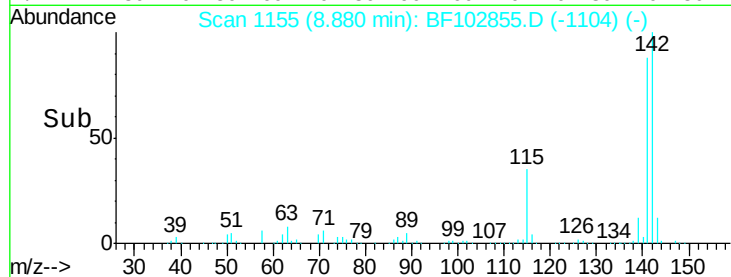
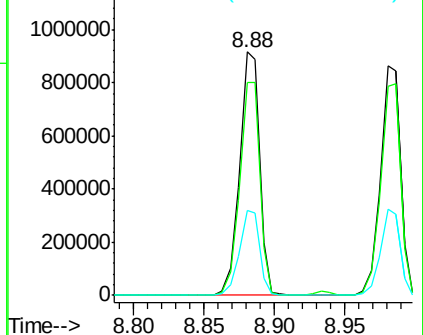
#37
2-Methylnaphthalene
Concen: 34.899 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

Tot Ion:142 Resp: 903858
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2
115 35.0 26.1 39.1

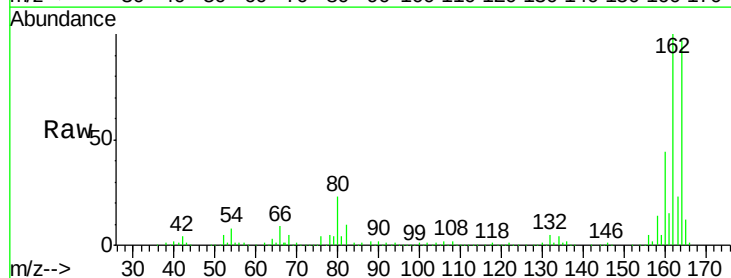


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

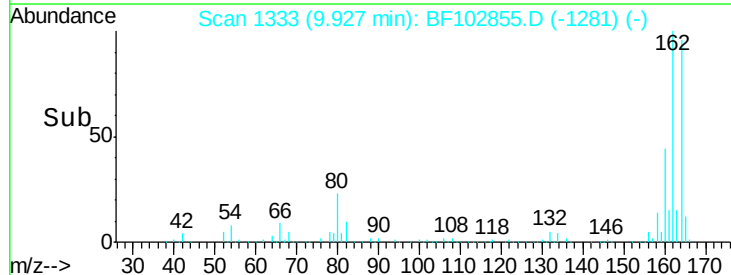
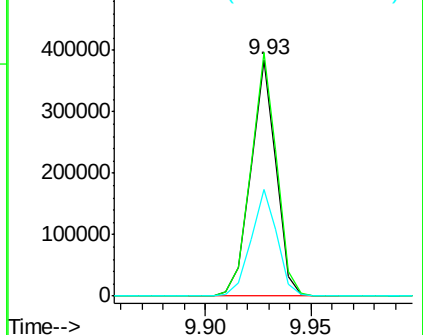


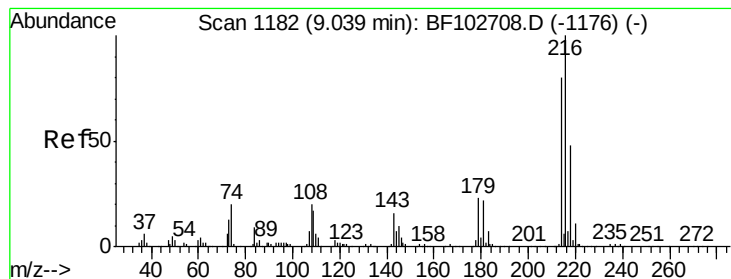
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:164 Resp: 319524
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.398 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

Tot Ion:216 Resp: 334063

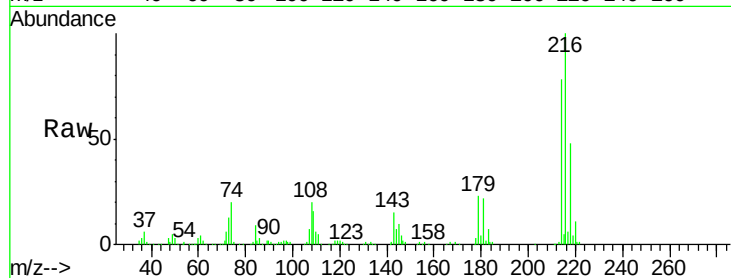
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 23.4 18.1 27.1

108 24.0 17.2 25.8

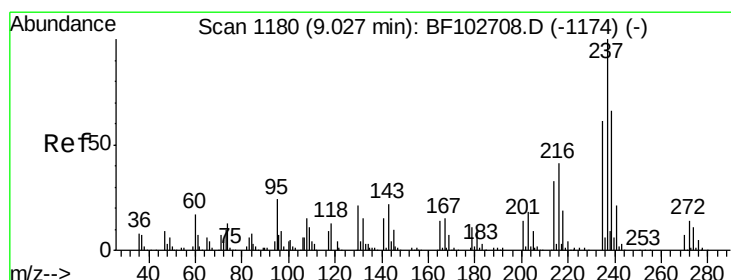
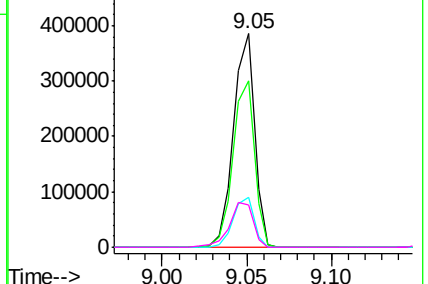
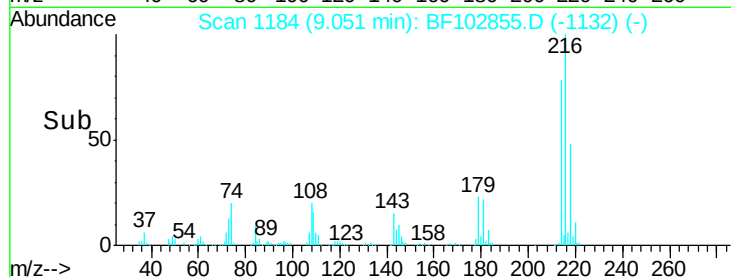


Abundance Ion 216.00 (215.70 to 216.70): E

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: 23.023 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

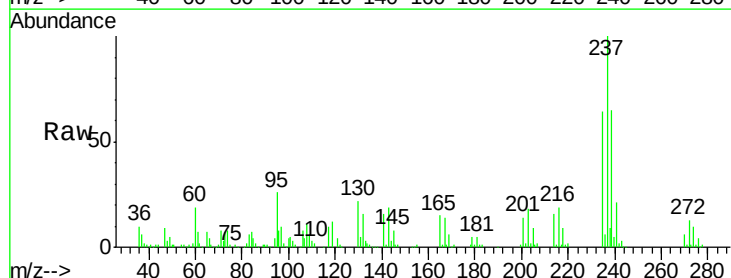
Tgt Ion:237 Resp: 95221

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

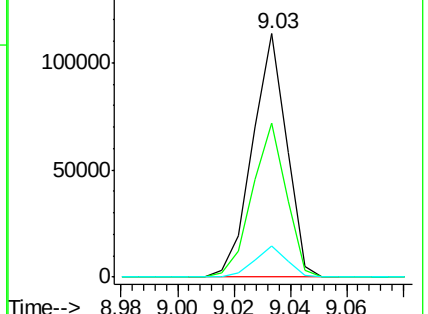
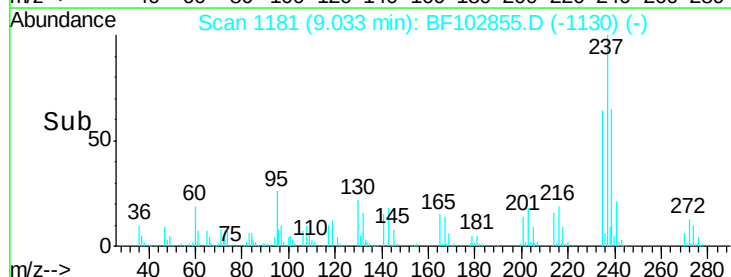
272 13.0 0.0 33.3

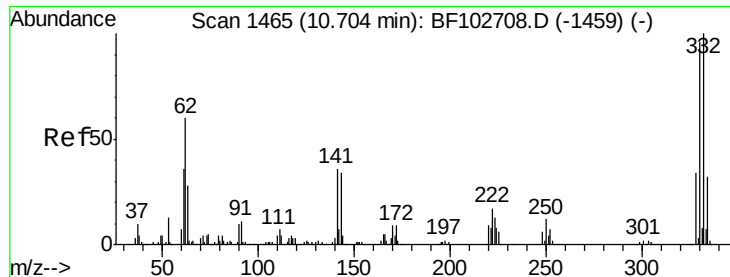


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

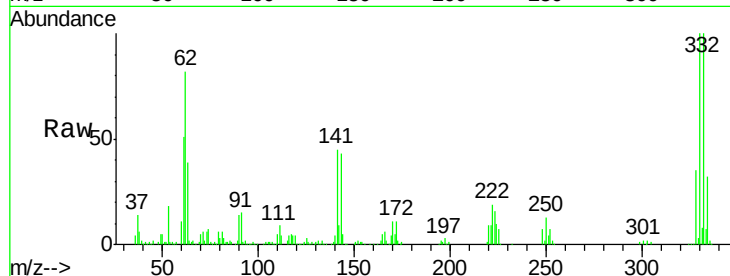




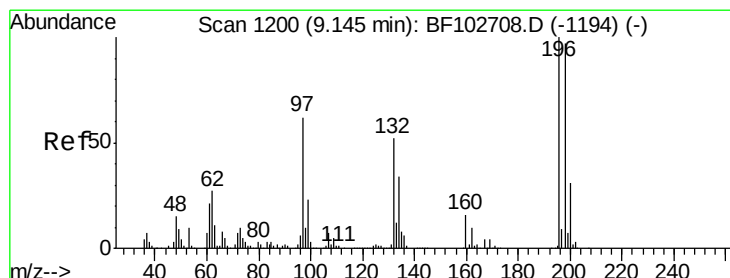
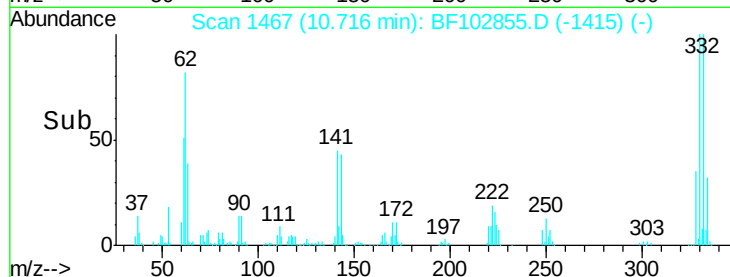
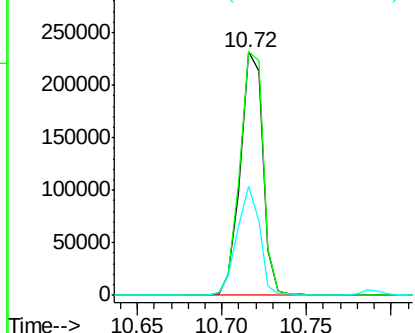
#41
 2,4,6-Tribromophenol
 Concen: 84.419 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	44.7	29.9	44.9

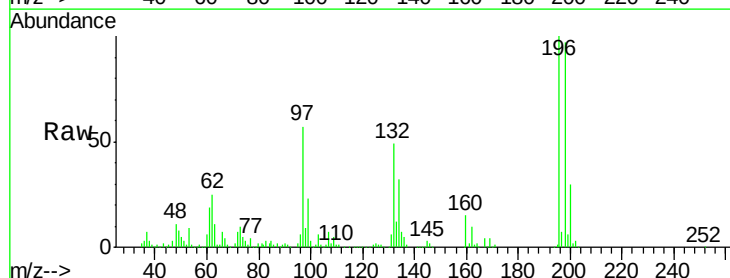


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

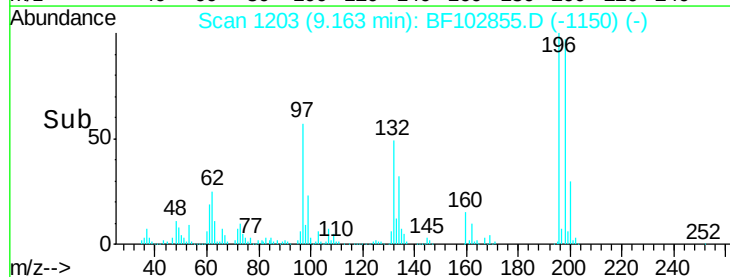
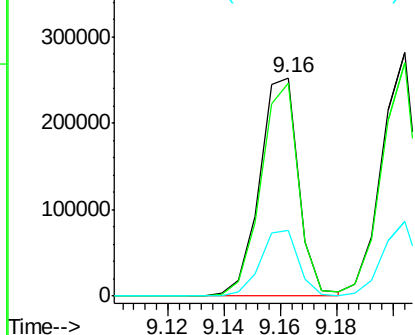


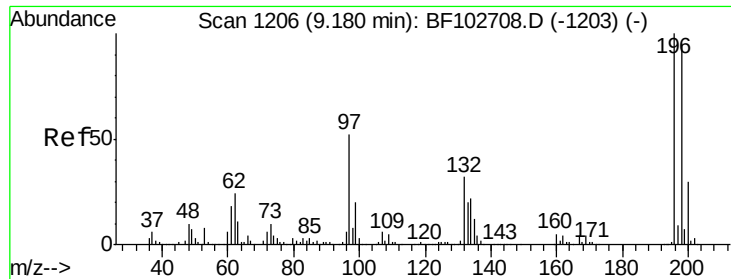
#42
 2,4,6-Trichlorophenol
 Concen: 42.360 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.7	113.5
200	30.2	24.5	36.7



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

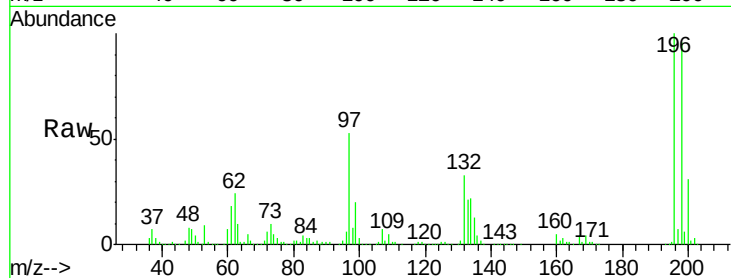




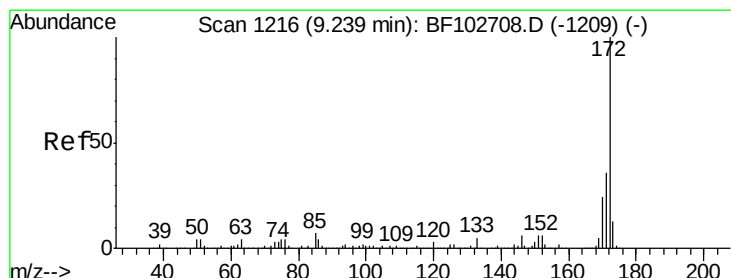
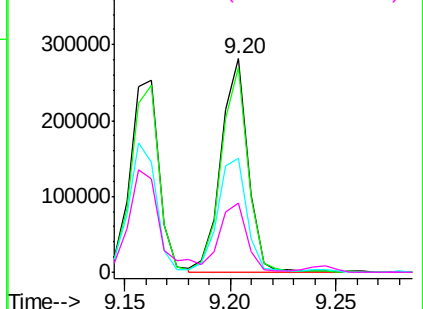
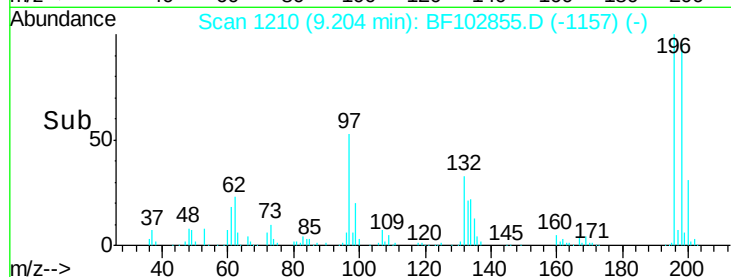
#43
 2,4,5-Trichlorophenol
 Concen: 38.344 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

Tot Ion:	196	Resp:	246962
Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	53.4	42.9	64.3
132	32.6	26.3	39.5

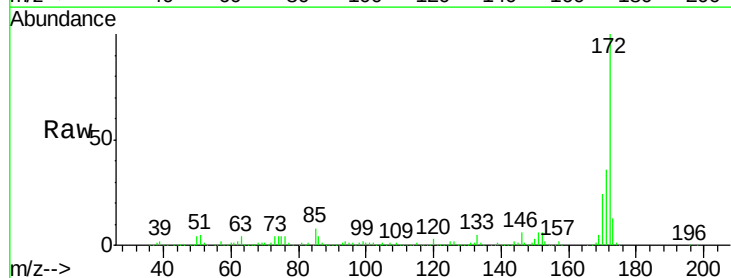


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

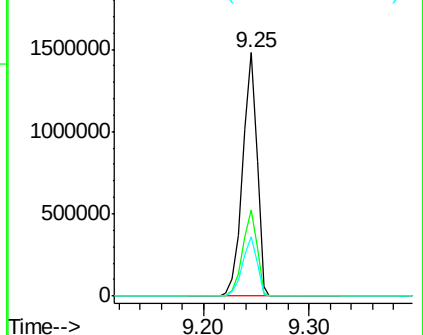
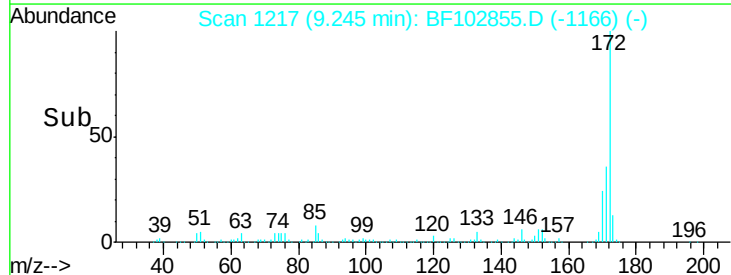


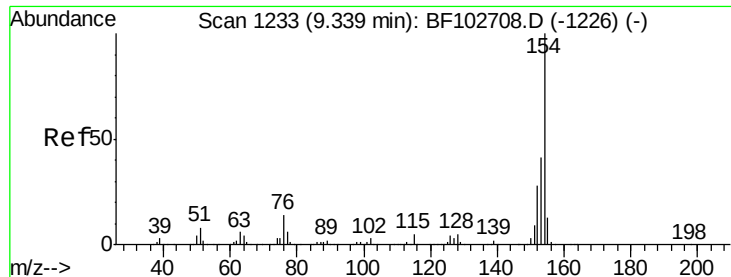
#44
 2-Fluorobiphenyl
 Concen: 70.995 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Tgt Ion:	172	Resp:	1367064
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.3	19.6	29.4



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

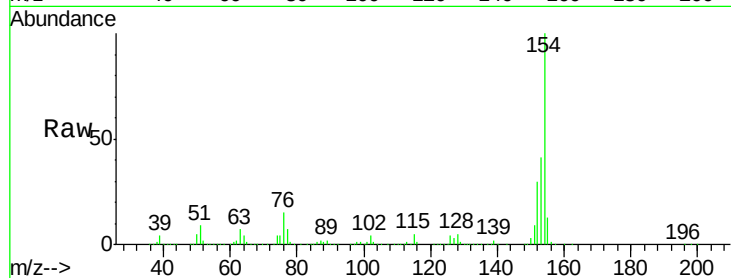




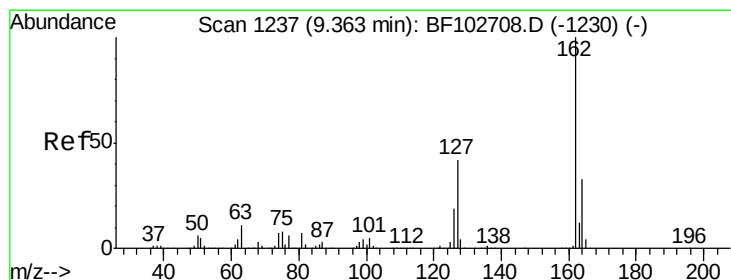
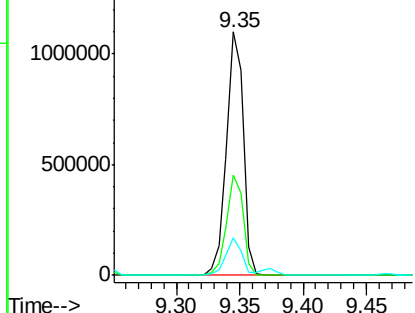
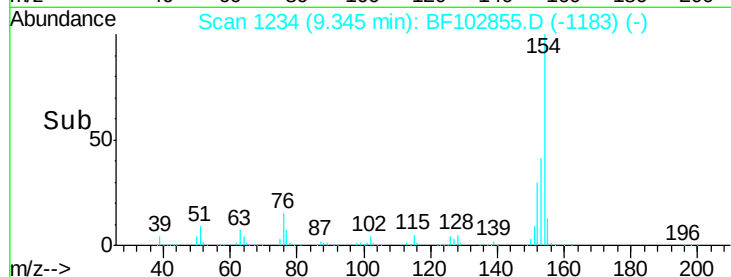
#45
 1,1'-Biphenyl
 Concen: 37.420 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

Tot Ion:154 Resp: 1007073
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 15.4 0.0 34.0

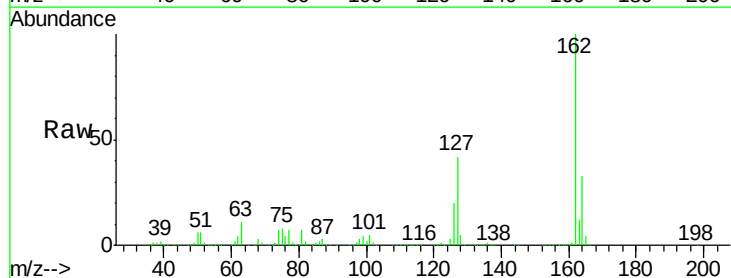


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

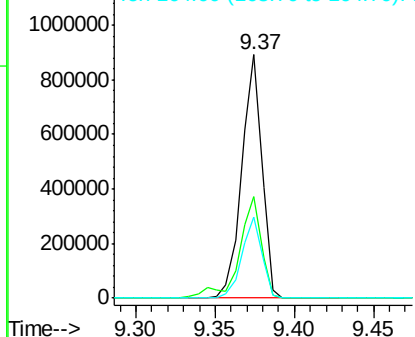
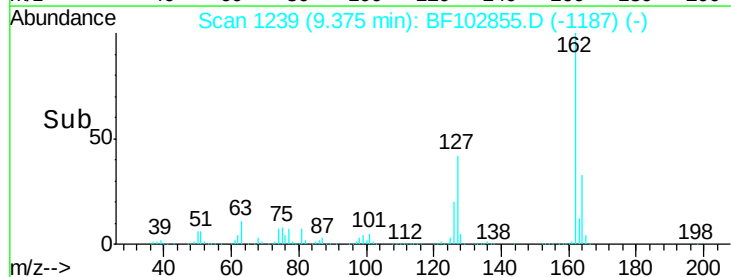


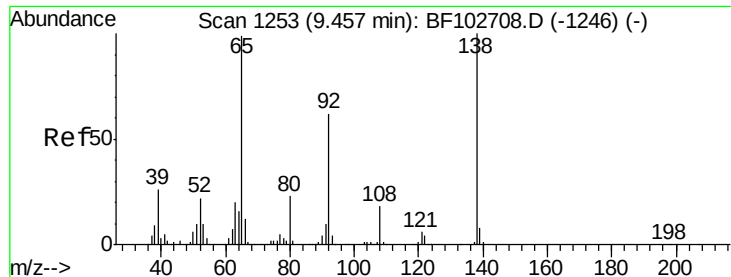
#46
 2-Chloronaphthalene
 Concen: 37.038 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Tgt Ion:162 Resp: 784735
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.9 50.9
 164 33.1 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

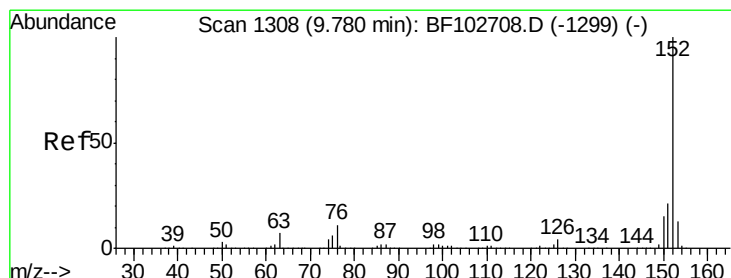
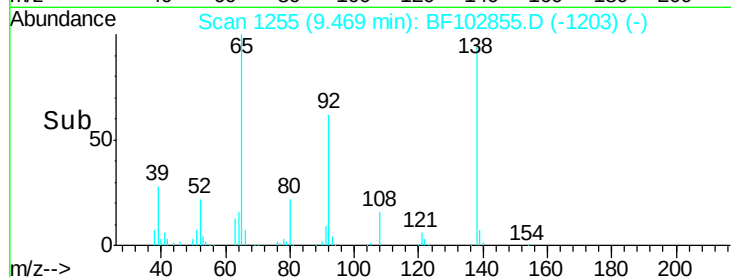
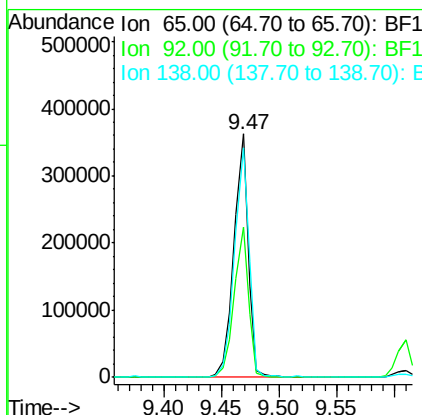
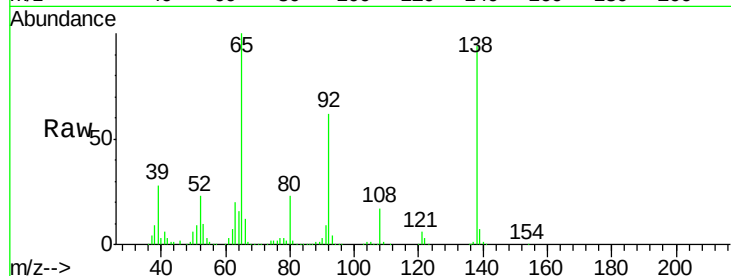




#47
2-Nitroaniline
Concen: 48.154 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

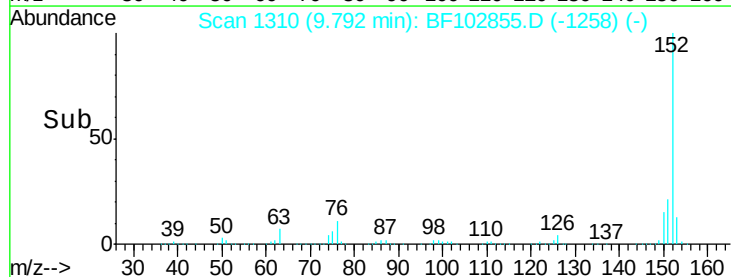
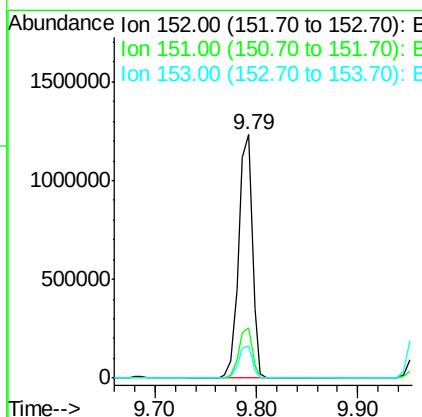
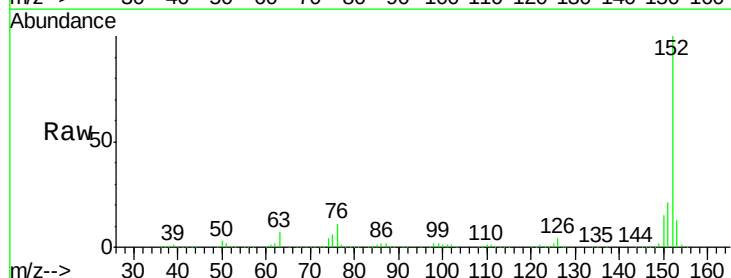
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

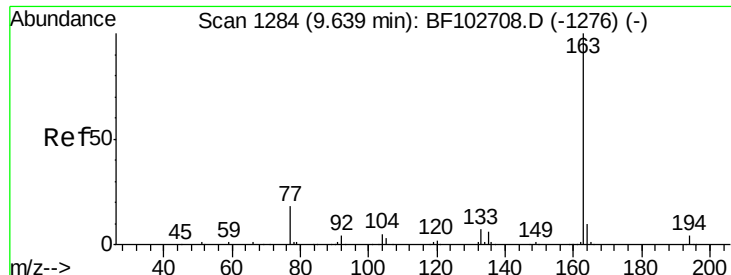
Tot Ion: 65 Resp: 314907
Ion Ratio Lower Upper
65 100
92 61.9 55.8 83.6
138 94.3 91.2 136.8



#48
Acenaphthylene
Concen: 35.324 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion: 152 Resp: 1162445
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.5 10.7 16.1

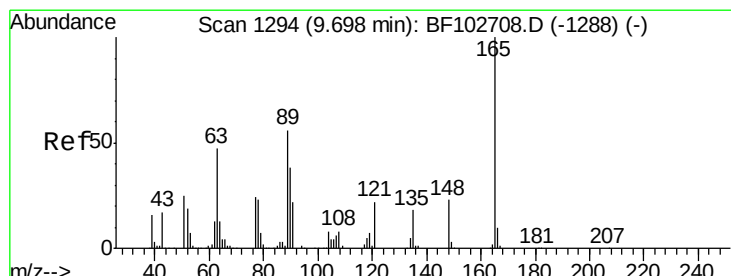
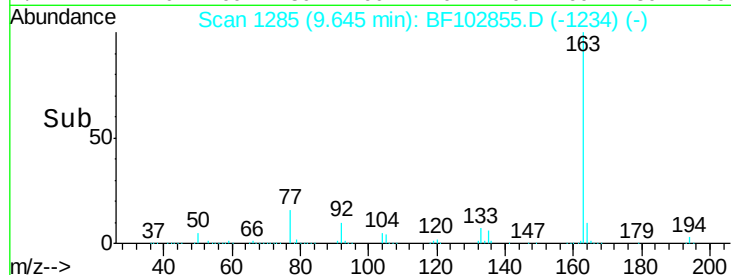
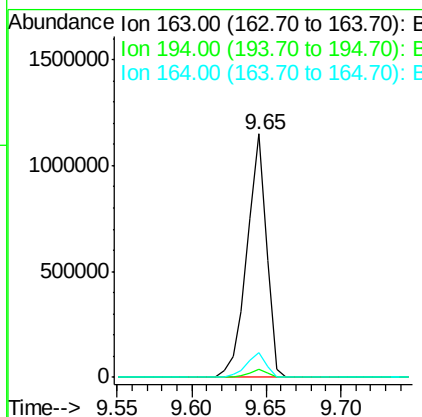
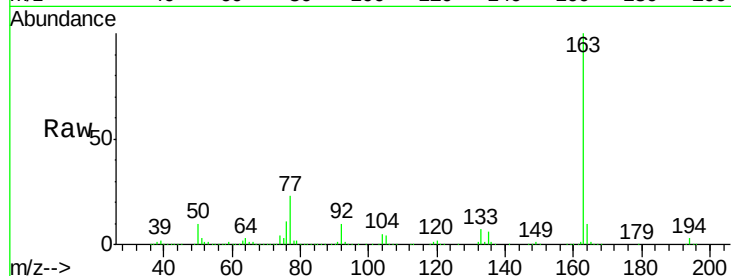




#49
Dimethylphthalate
Concen: 41.797 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

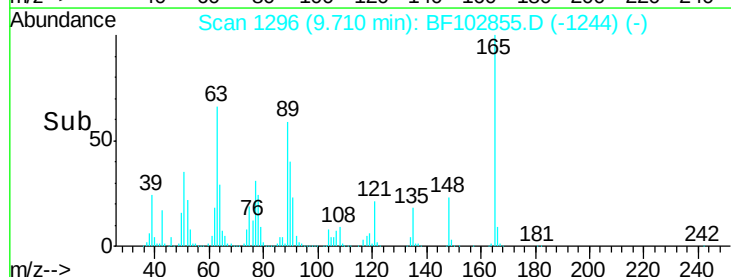
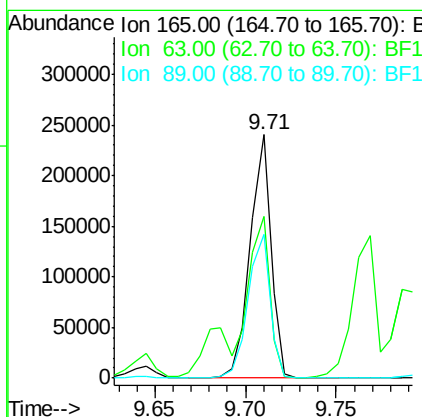
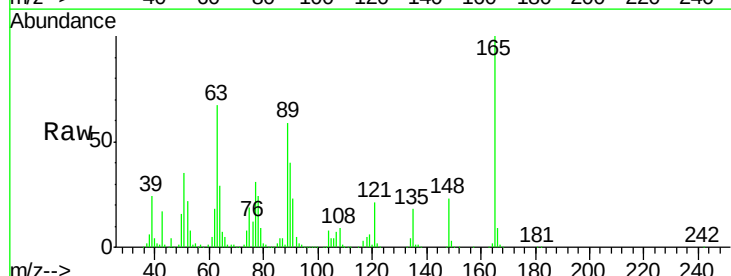
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

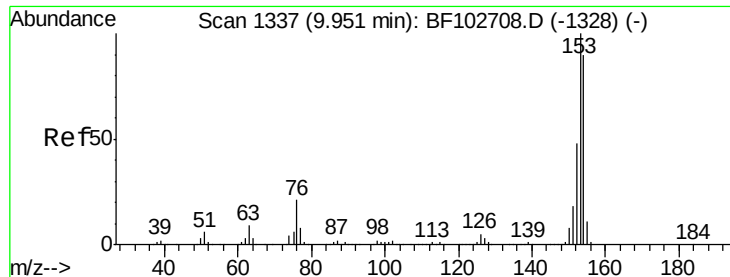
Tot Ion:163 Resp: 1041326
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 40.916 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:165 Resp: 193938
Ion Ratio Lower Upper
165 100
63 66.5 44.7 67.1
89 59.2 44.0 66.0





#51

Acenaphthene

Concen: 34.805 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

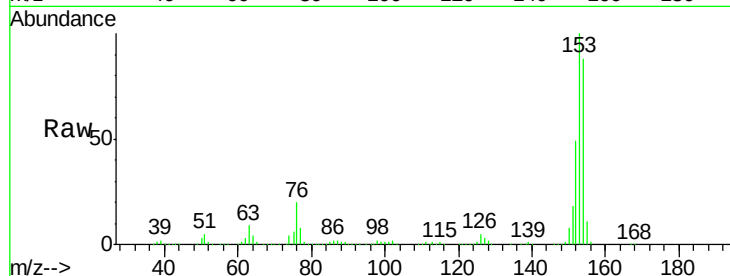
Tot Ion:154 Resp: 684952

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

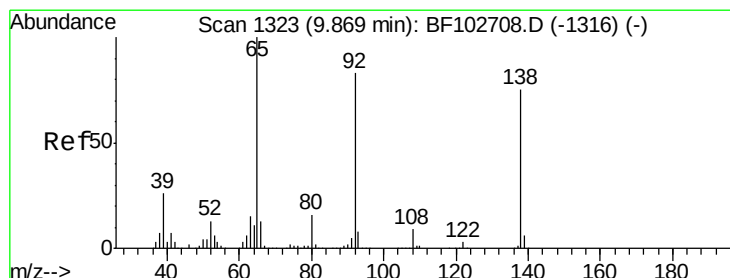
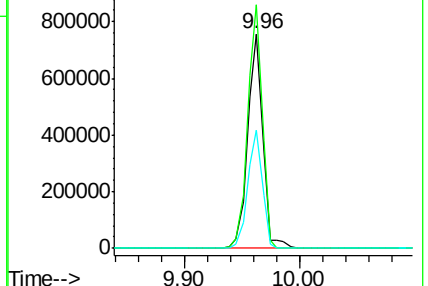
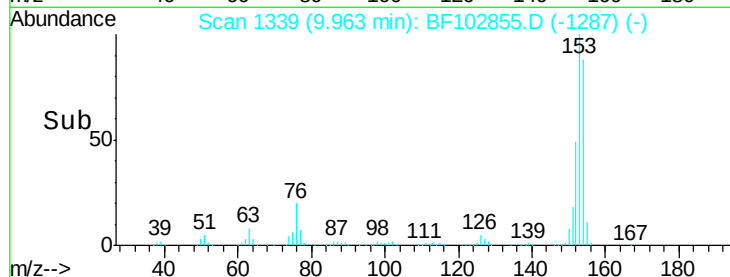
152 55.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.689 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

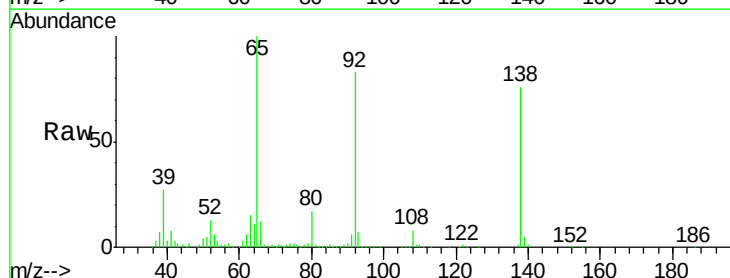
Tgt Ion:138 Resp: 190647

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

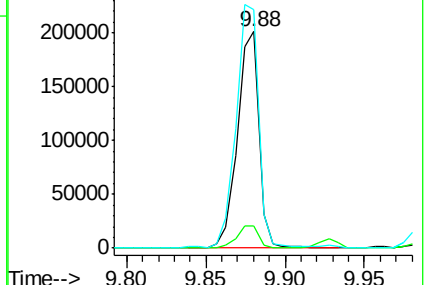
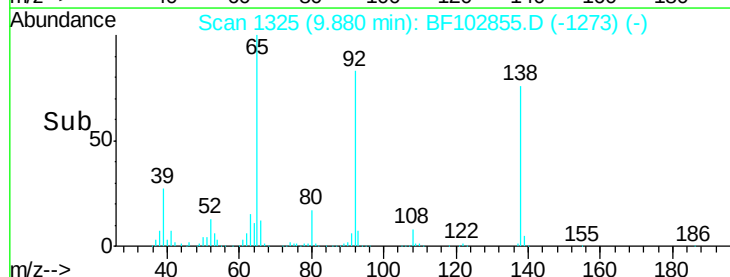
92 110.0 89.4 134.2

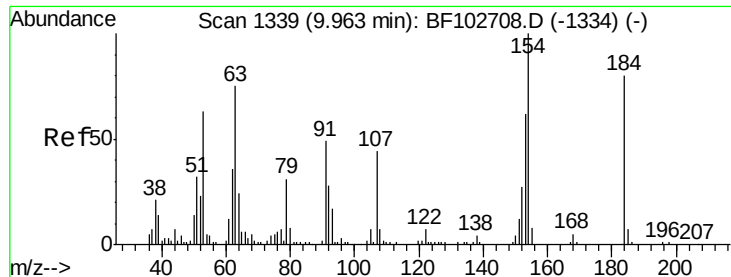


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

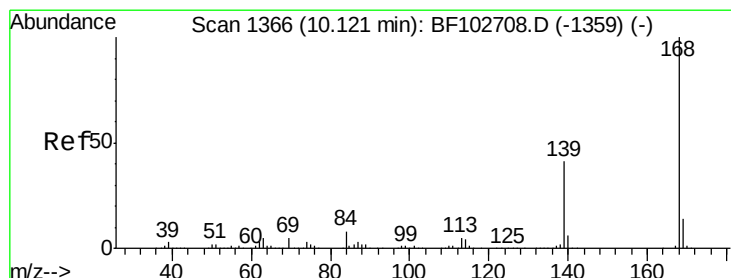
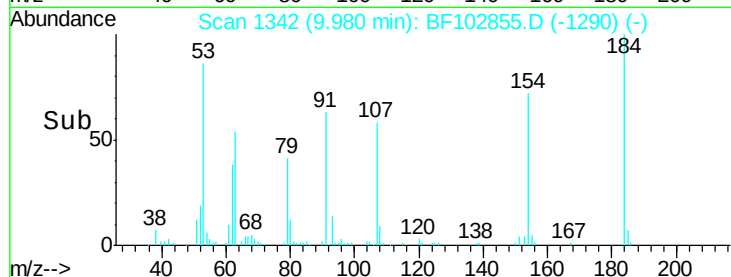
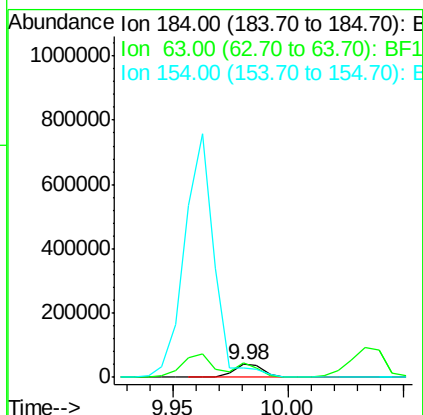
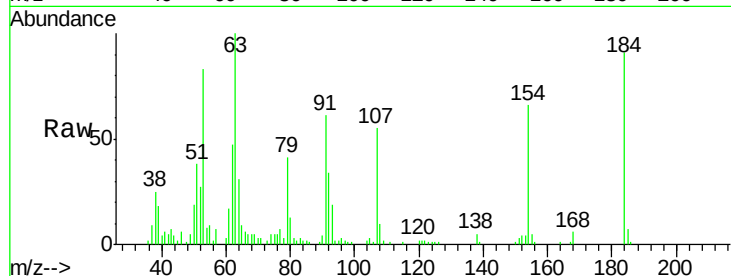




#53
2,4-Dinitrophenol
Concen: 38.944 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

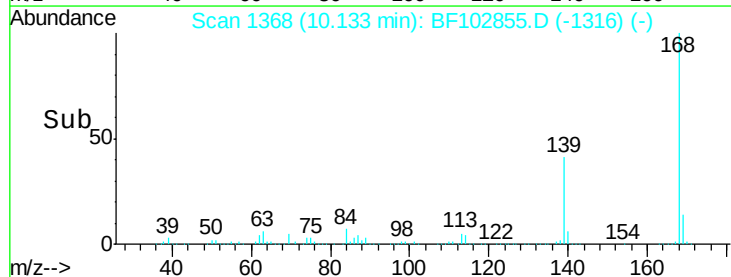
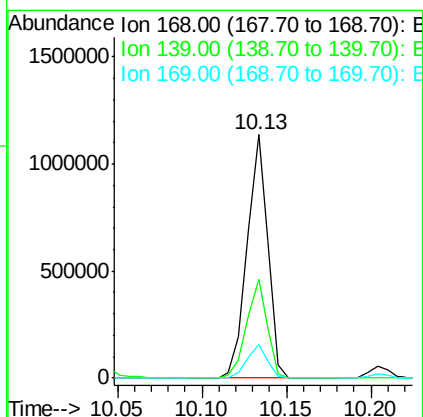
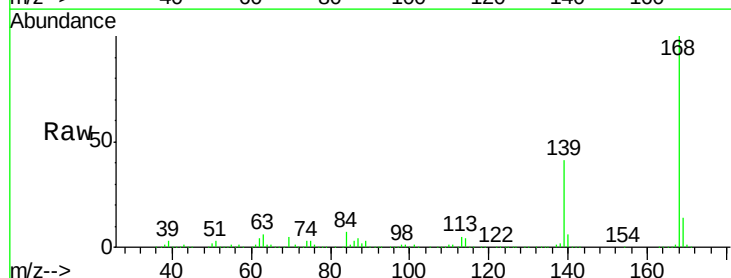
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

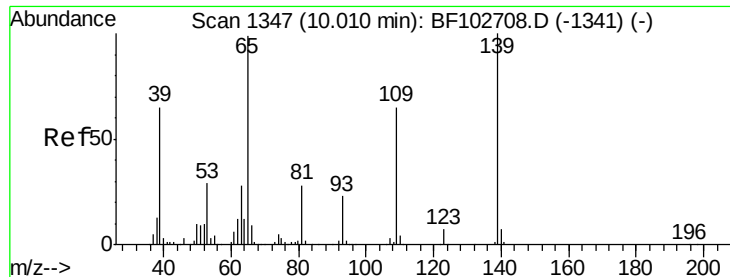
Tot Ion:184 Resp: 37915
Ion Ratio Lower Upper
184 100
63 110.0 54.2 81.2#
154 72.4 184.0 276.0#



#54
Dibenzofuran
Concen: 35.336 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:168 Resp: 980014
Ion Ratio Lower Upper
168 100
139 40.8 30.1 45.1
169 13.7 10.9 16.3

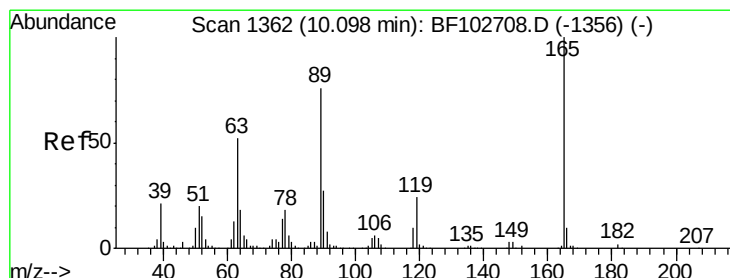
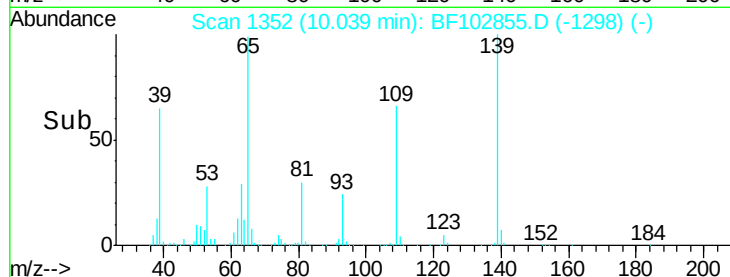
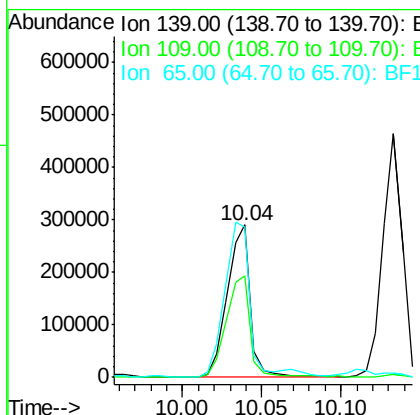
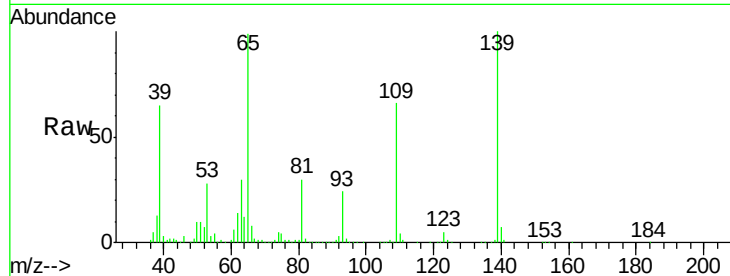




#55
4-Nitrophenol
Concen: 62.731 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

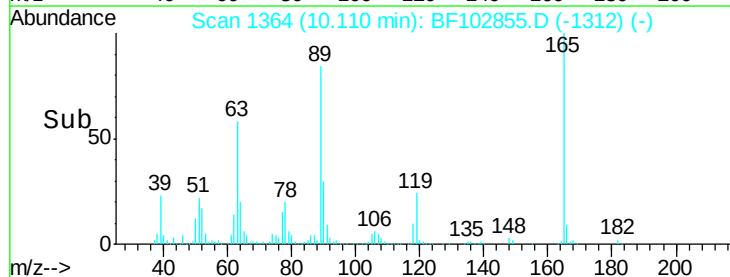
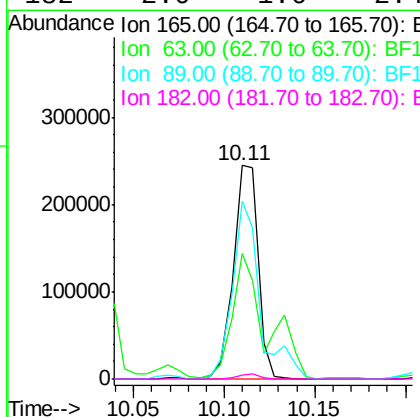
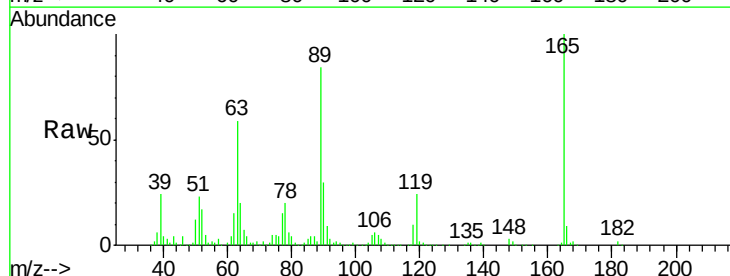
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

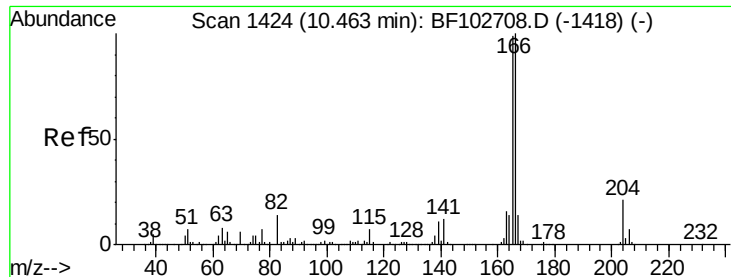
Tot Ion:139 Resp: 296274
Ion Ratio Lower Upper
139 100
109 66.2 48.4 88.4
65 98.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.447 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:165 Resp: 233459
Ion Ratio Lower Upper
165 100
63 58.9 36.4 54.6#
89 83.6 57.8 86.6
182 2.0 1.6 2.4





#57

Fluorene

Concen: 34.153 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

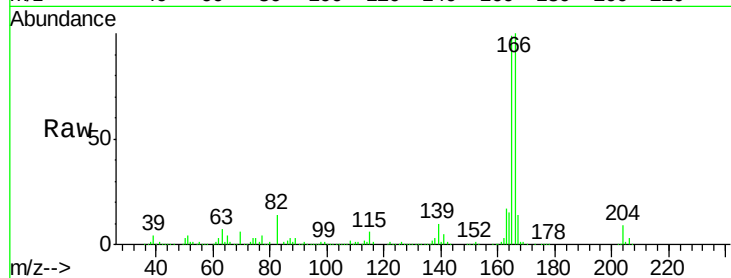
Tot Ion:166 Resp: 689167

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.8

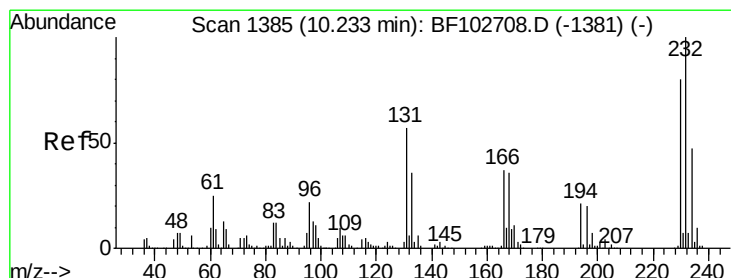
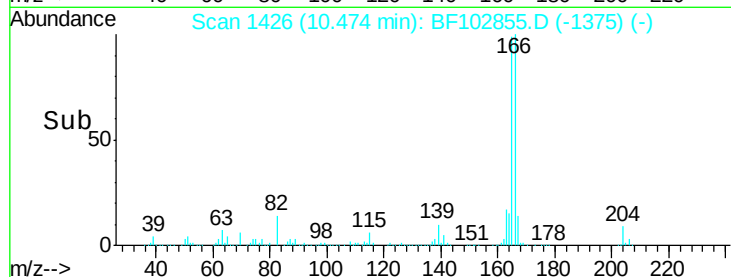
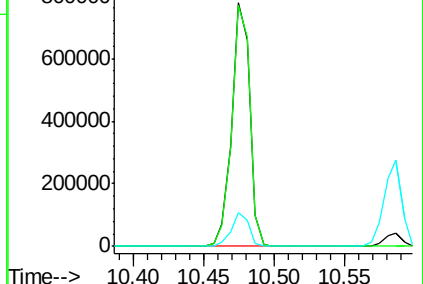
167 13.8 10.6 16.0



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: 35.919 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Tgt Ion:232 Resp: 160341

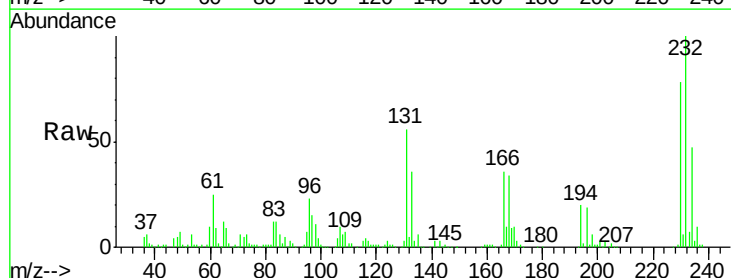
Ion Ratio Lower Upper

232 100

131 61.1 43.8 65.8

130 3.0 2.1 3.1

166 38.1 27.8 41.6

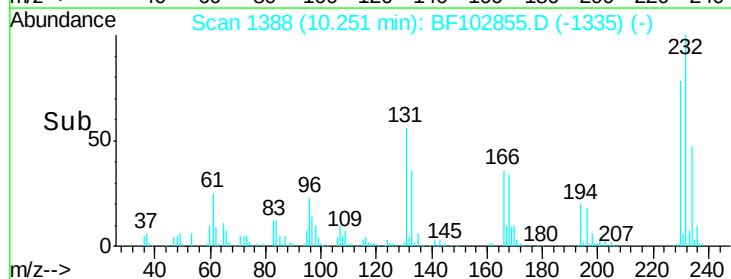
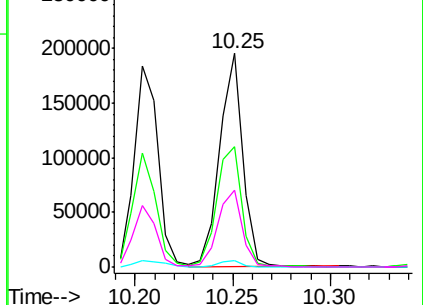


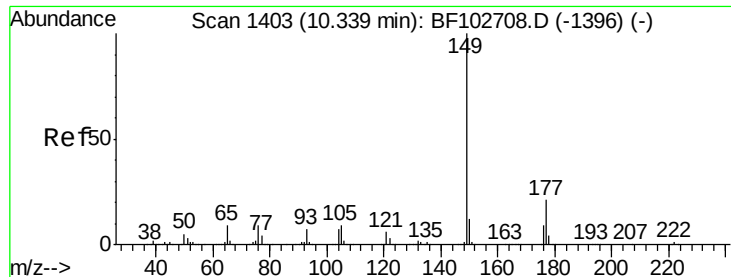
Abundance Ion 232.00 (231.70 to 232.70): E

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

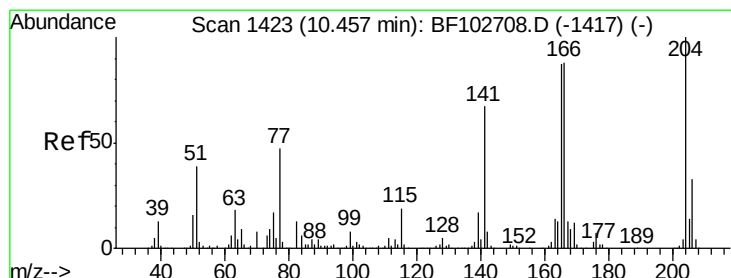
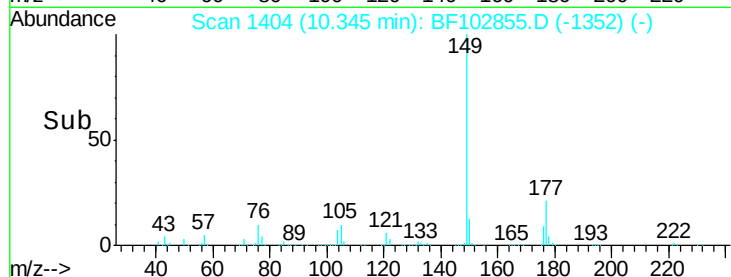
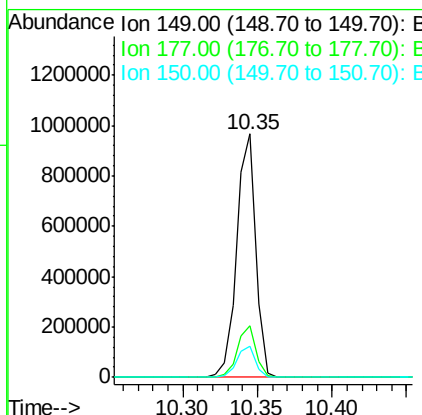
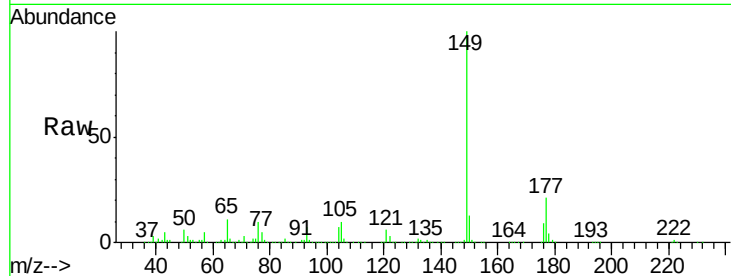




#59
Diethylphthalate
Concen: 35.255 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

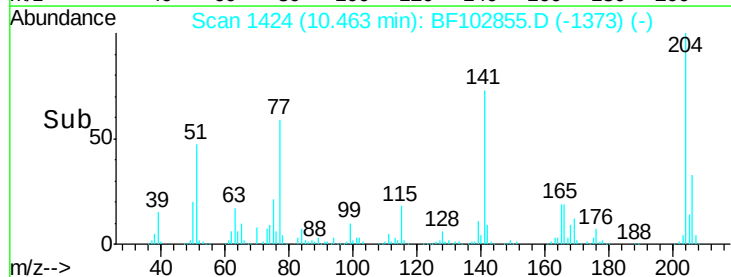
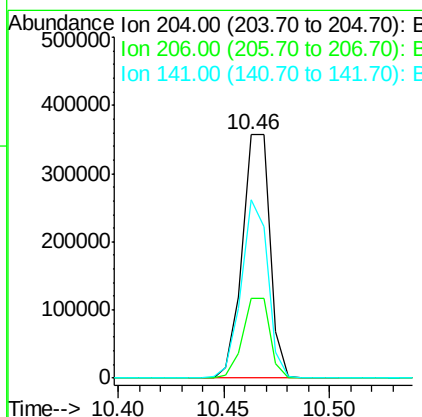
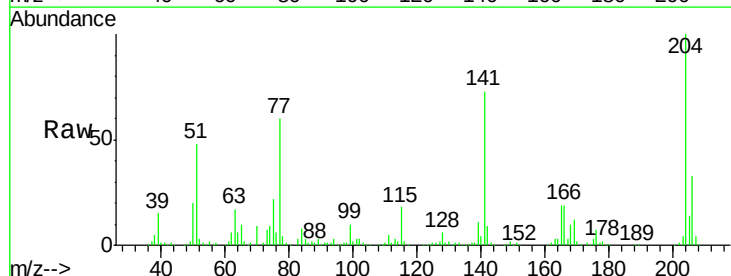
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

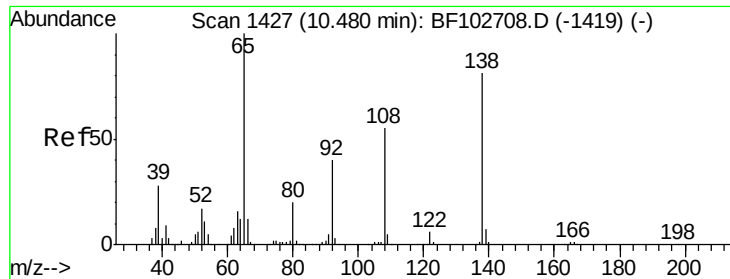
Tot Ion:149 Resp: 867287
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.448 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:204 Resp: 325355
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 73.1 54.6 81.8

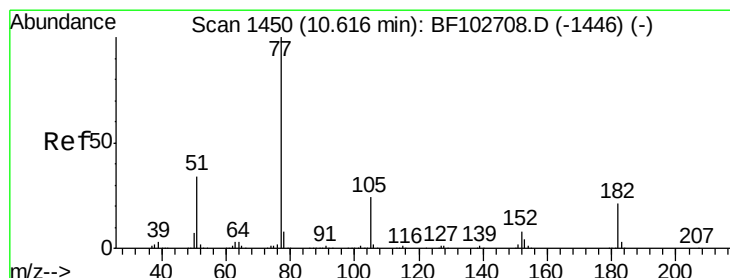
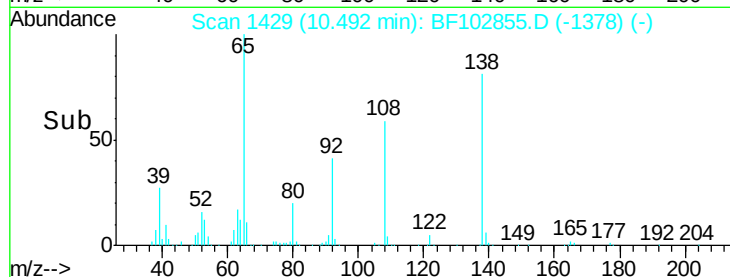
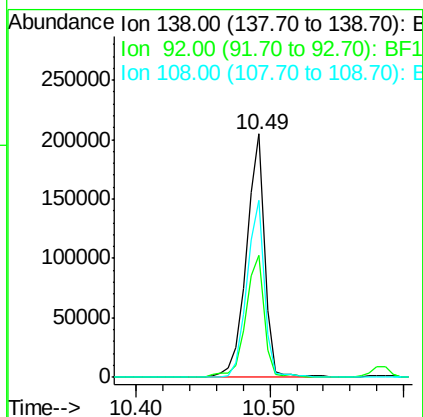
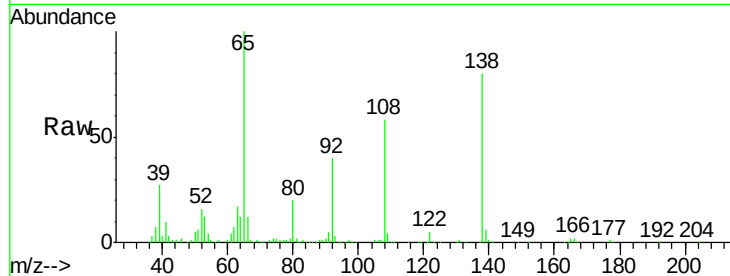




#61
4-Nitroaniline
Concen: 34.747 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

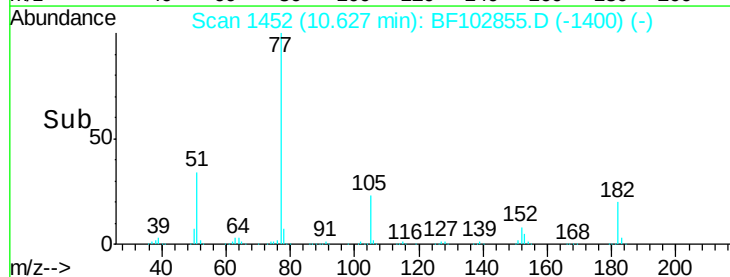
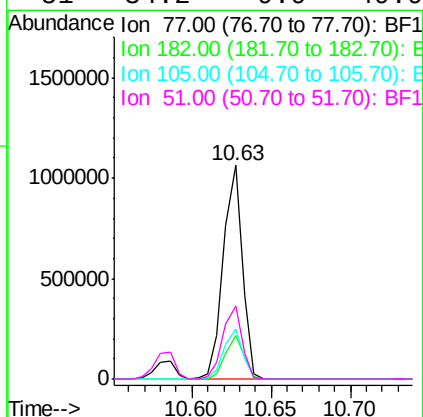
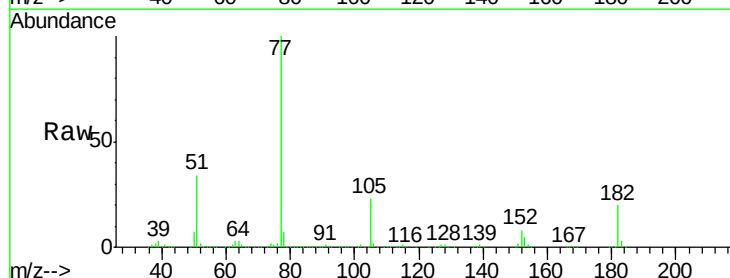
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

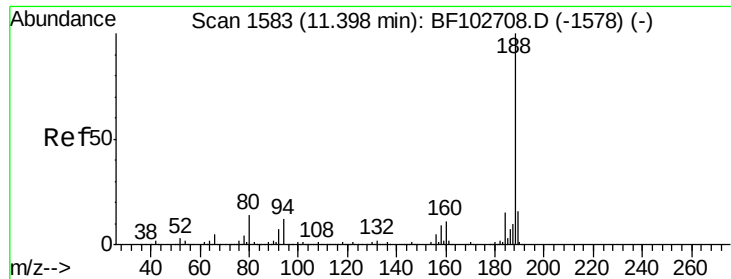
Tot Ion:138 Resp: 192895
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 72.9 52.5 92.5



#62
Azobenzene
Concen: 36.084 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion: 77 Resp: 886785
Ion Ratio Lower Upper
77 100
182 20.4 1.7 41.7
105 23.5 3.0 43.0
51 34.2 9.9 49.9

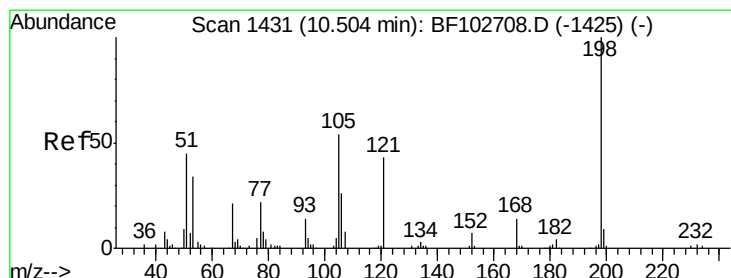
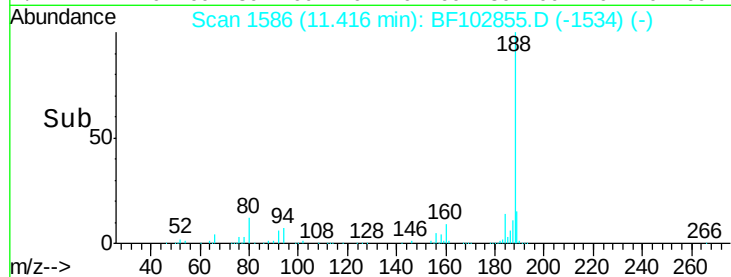
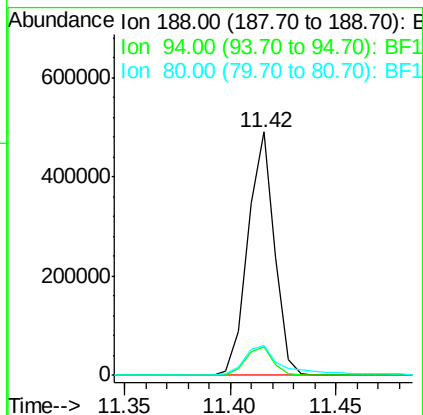
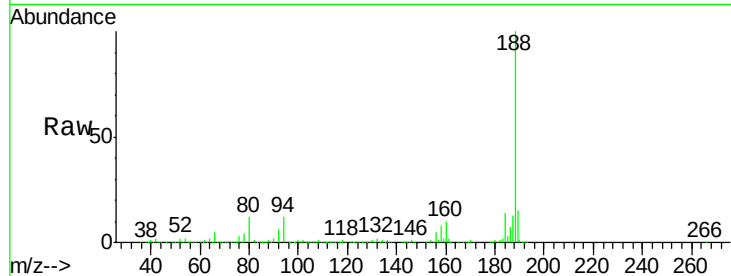




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

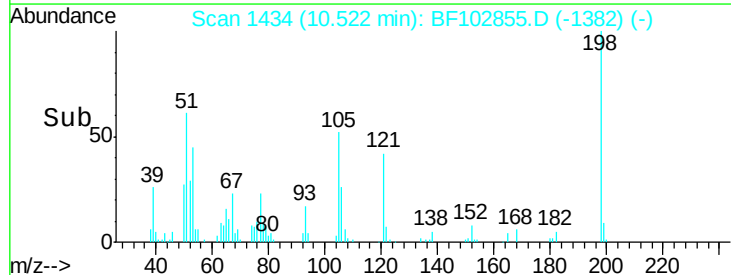
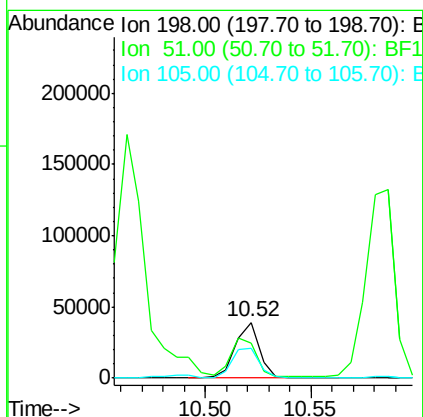
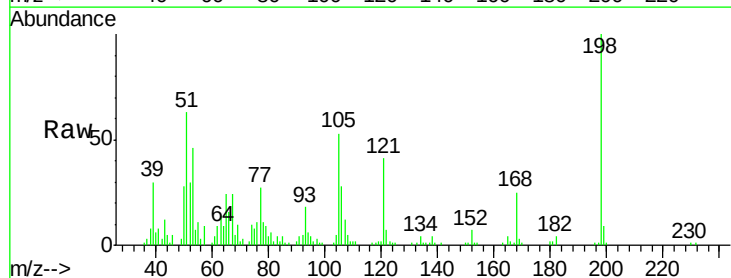
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

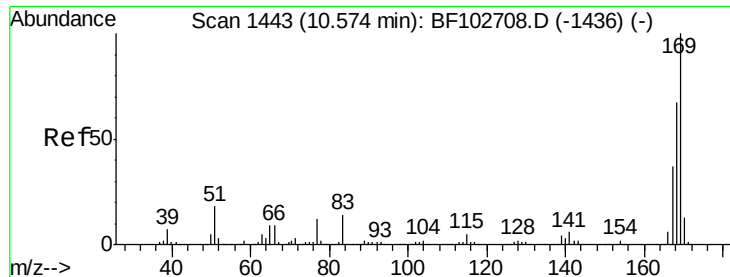
Tot Ion:188 Resp: 427043
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 24.000 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:198 Resp: 30676
Ion Ratio Lower Upper
198 100
51 63.1 37.7 77.7
105 52.6 36.3 76.3

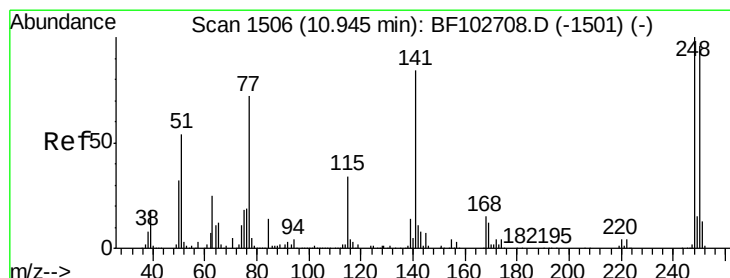
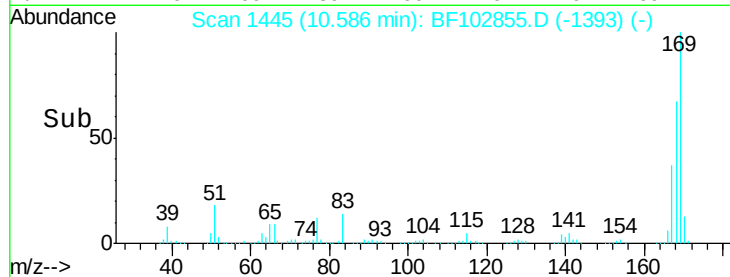
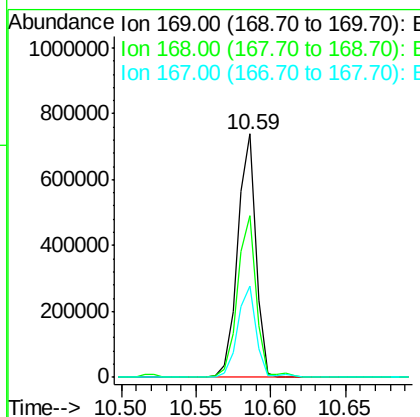
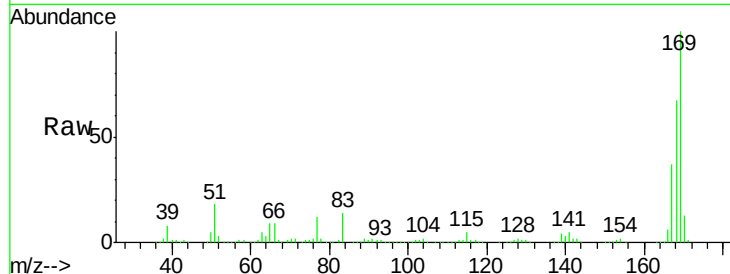




#65
n-Nitrosodiphenylamine
Concen: 42.182 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

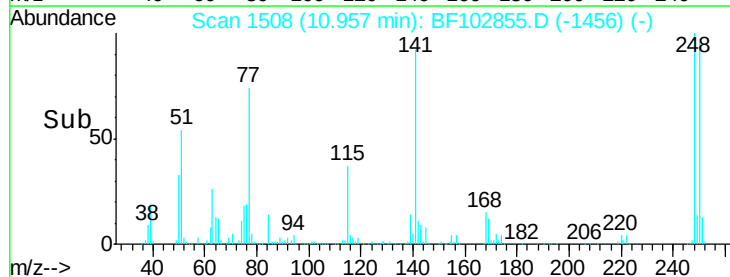
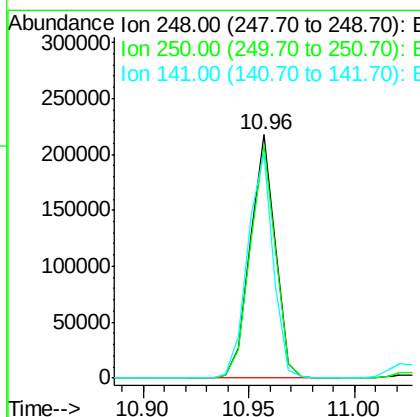
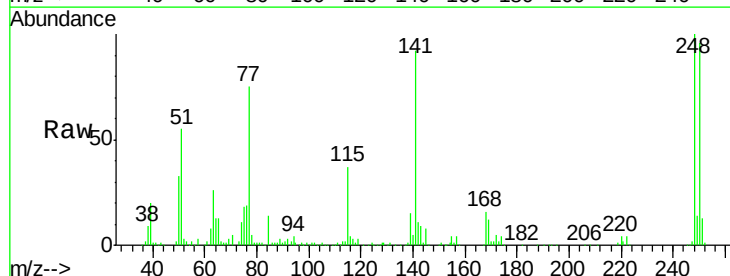
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

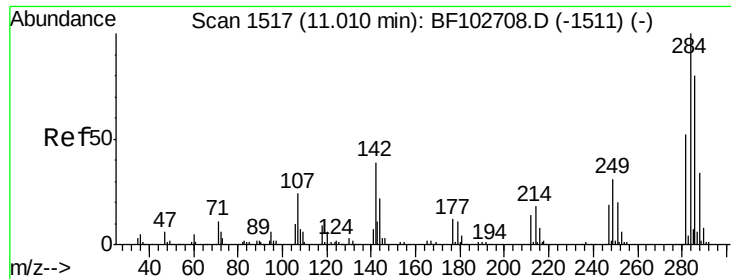
Tot Ion:169 Resp: 635384
Ion Ratio Lower Upper
169 100
168 66.6 54.4 81.6
167 37.4 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 39.728 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:248 Resp: 179464
Ion Ratio Lower Upper
248 100
250 96.1 76.9 115.3
141 92.4 74.4 111.6

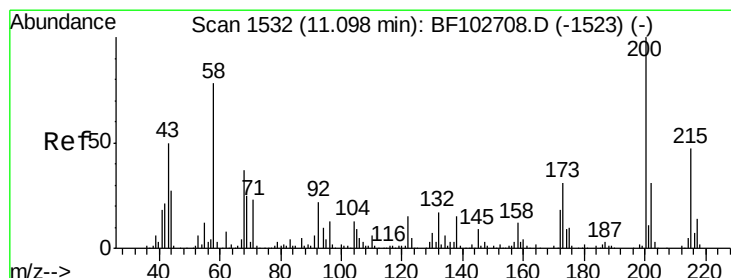
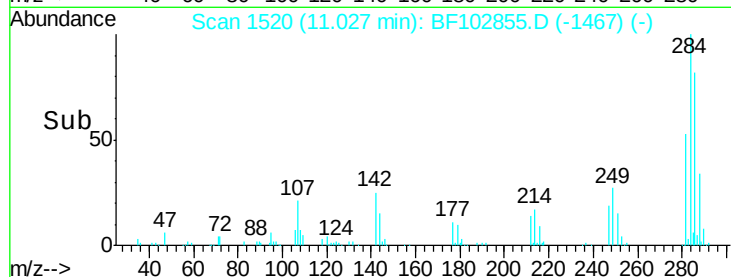
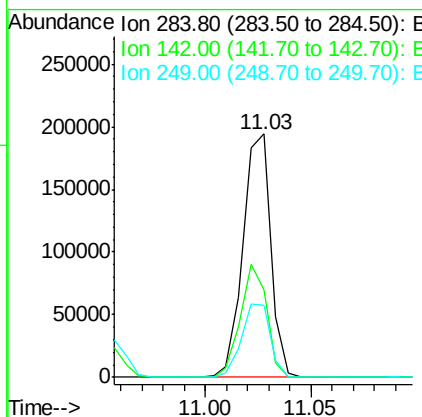
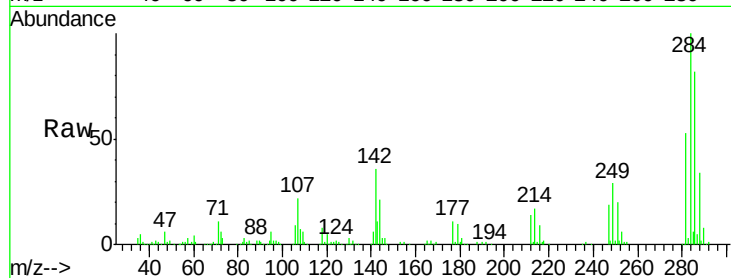




#67
Hexachlorobenzene
Concen: 35.686 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

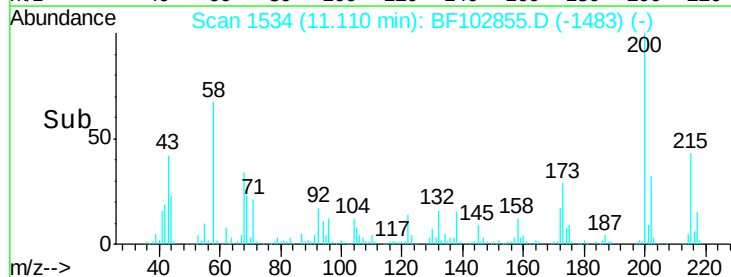
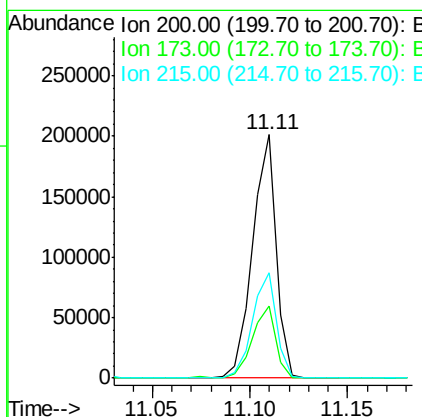
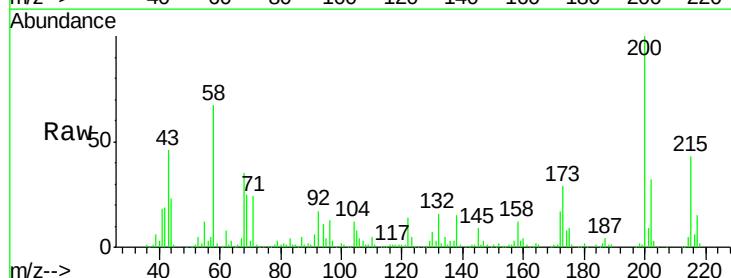
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

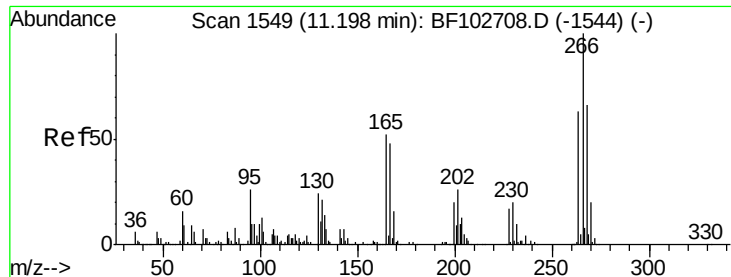
Tot Ion:284 Resp: 177839
Ion Ratio Lower Upper
284 100
142 35.8 34.6 52.0
249 29.4 24.8 37.2



#68
Atrazine
Concen: 38.001 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:200 Resp: 168868
Ion Ratio Lower Upper
200 100
173 29.4 8.6 48.6
215 43.2 25.1 65.1

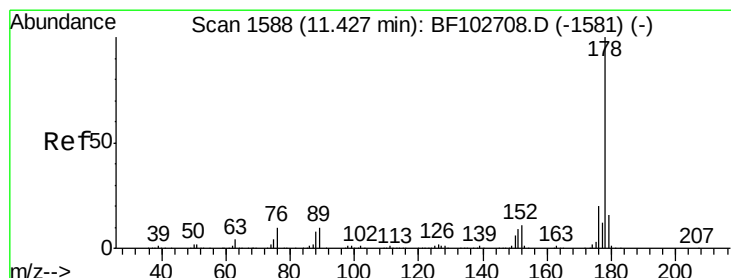
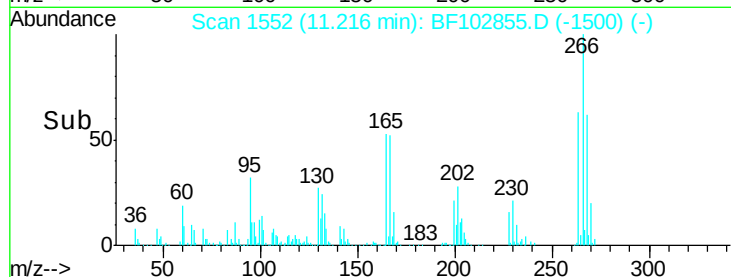
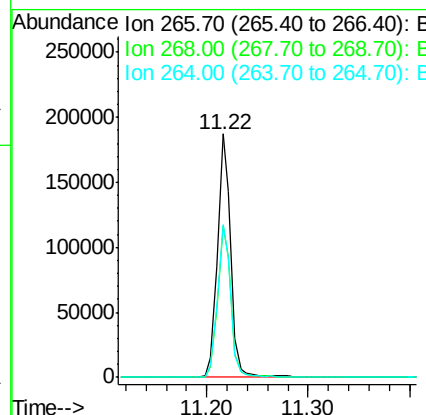
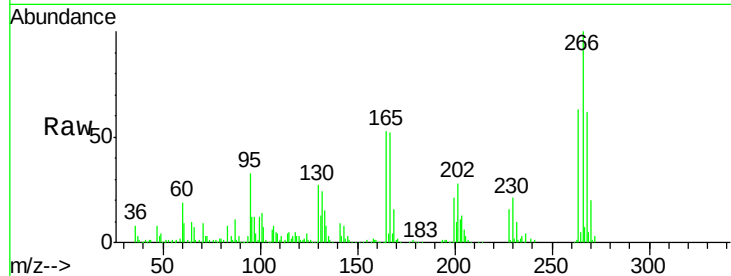




#69
 Pentachlorophenol
 Concen: 58.608 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

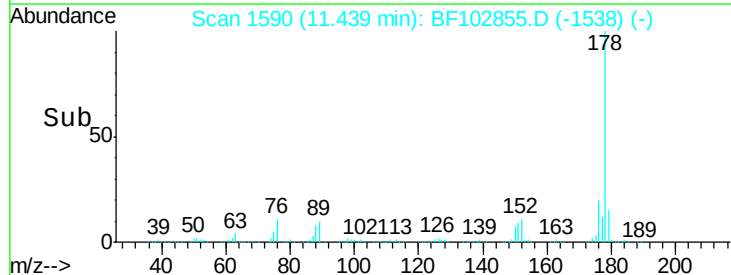
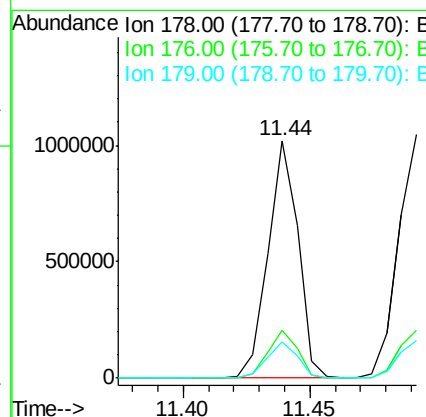
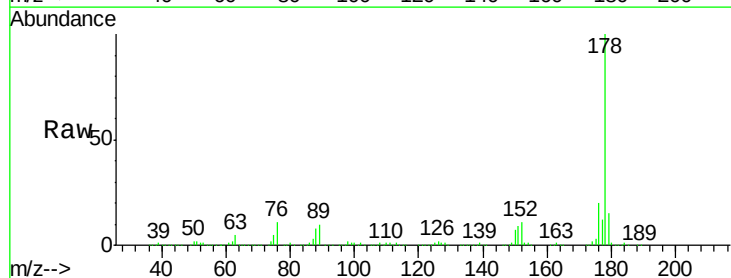
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

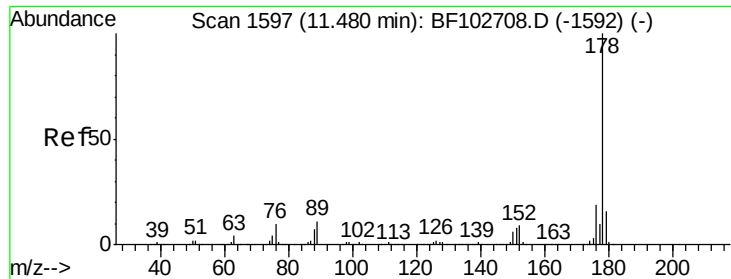
Tot Ion:266 Resp: 171451
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 62.7 49.5 74.3



#70
 Phenanthrene
 Concen: 35.617 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Tgt Ion:178 Resp: 847088
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.2 13.0 19.6

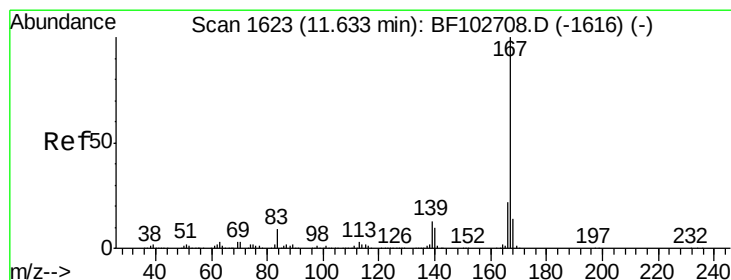
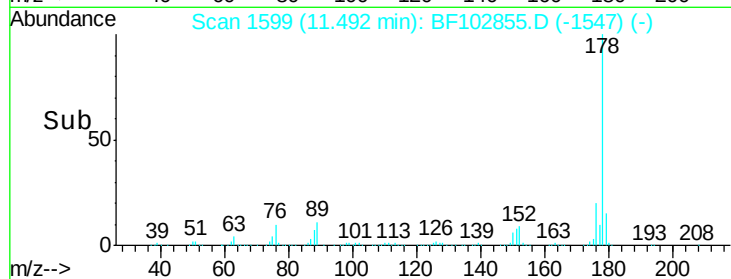
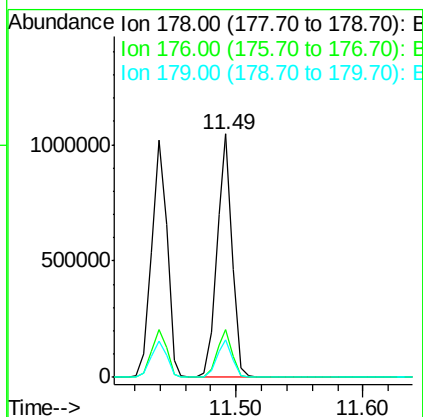
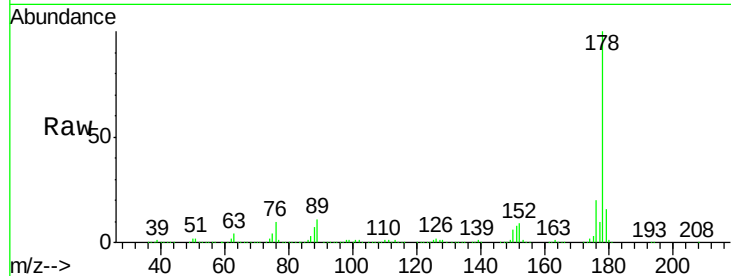




#71
 Anthracene
 Concen: 36.182 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

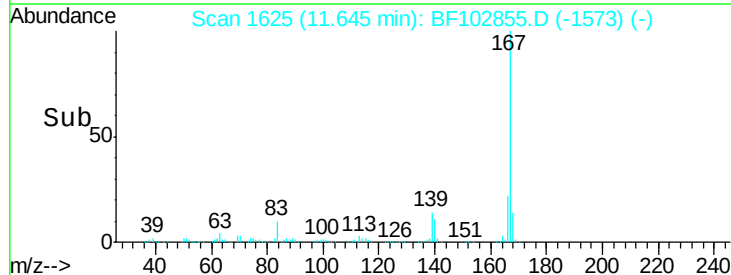
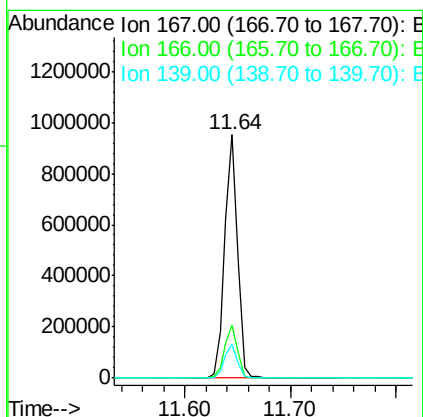
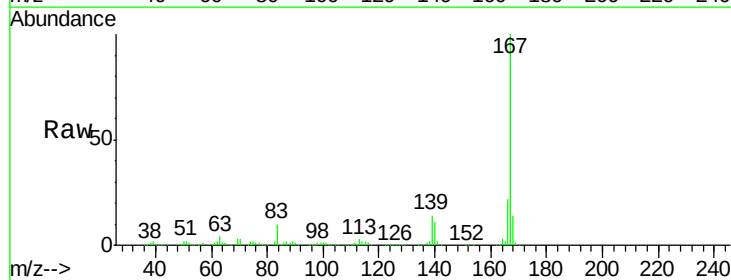
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

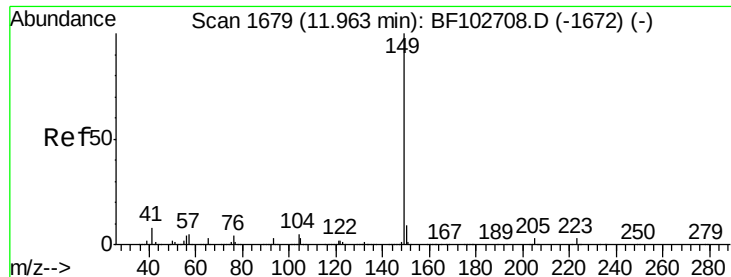
Tot Ion:178 Resp: 875253
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 34.210 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Tgt Ion:167 Resp: 810725
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.764 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

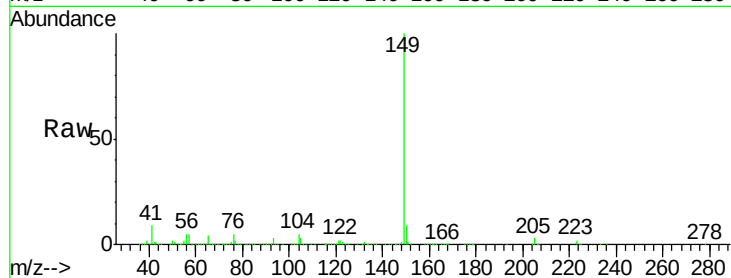
Tot Ion:149 Resp: 1087144

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

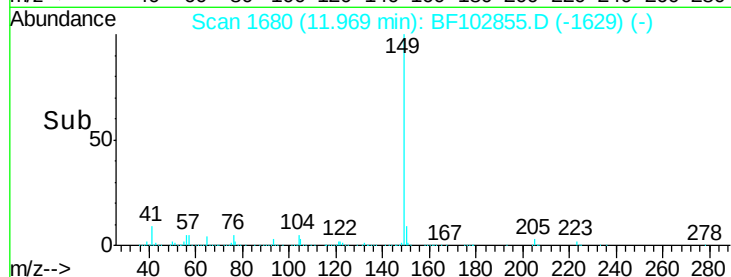
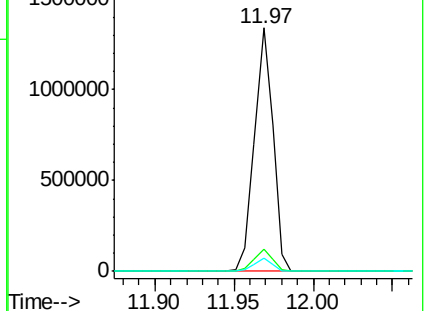
104 5.2 3.8 5.8



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: 32.392 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

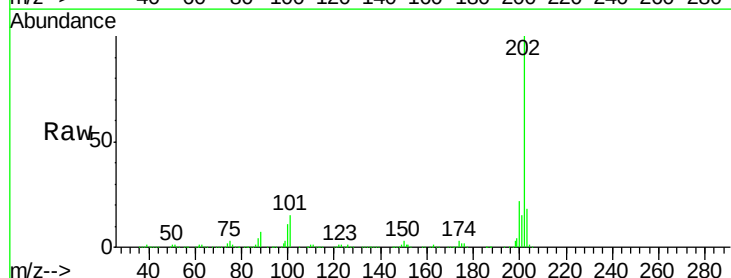
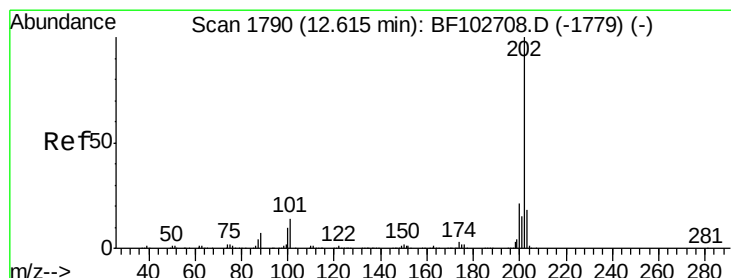
Tgt Ion:202 Resp: 775119

Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.1

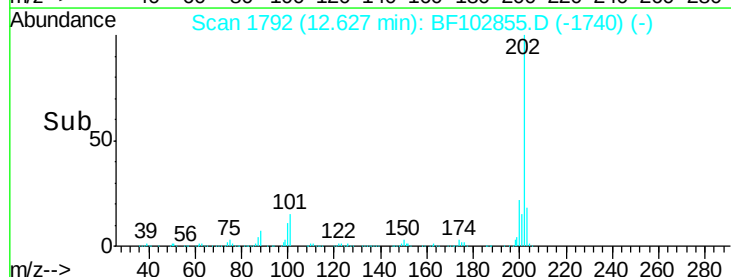
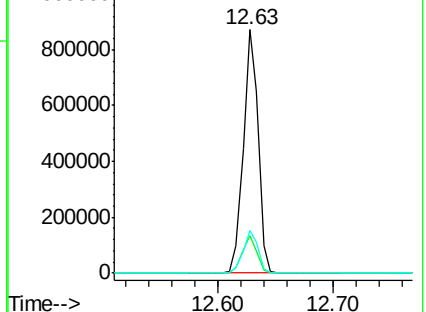
203 17.6 0.0 38.1

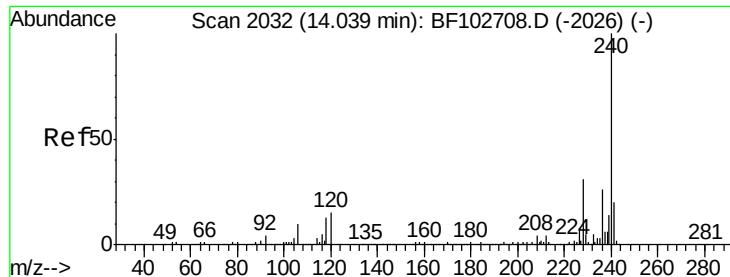


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

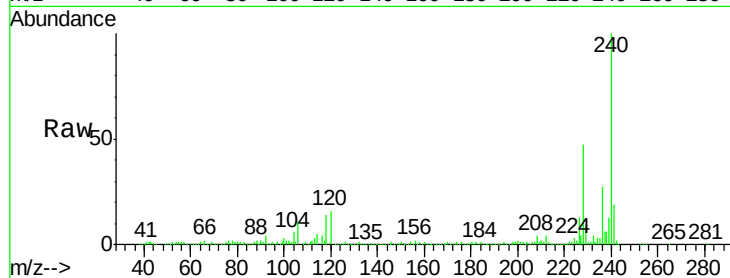
Tot Ion:240 Resp: 327925

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

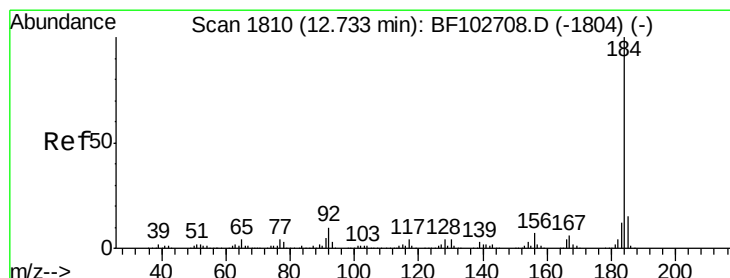
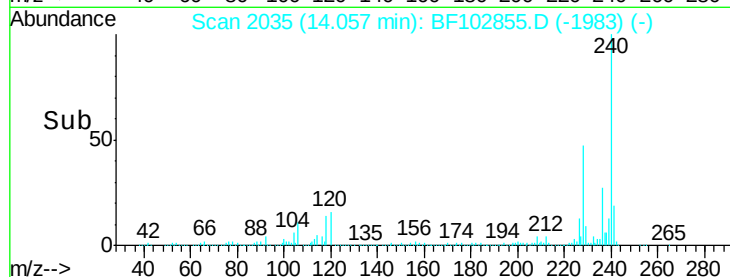
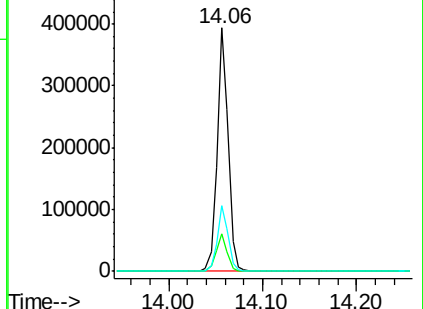
236 26.8 20.7 31.1



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: 4.005 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

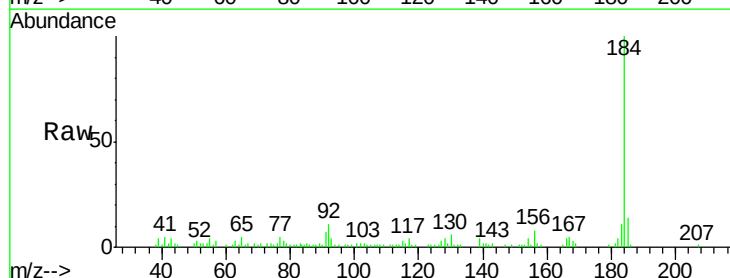
Tgt Ion:184 Resp: 60362

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

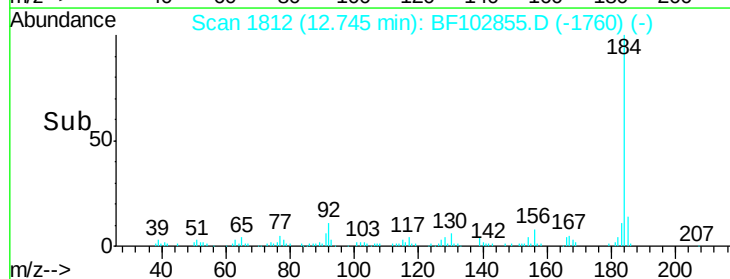
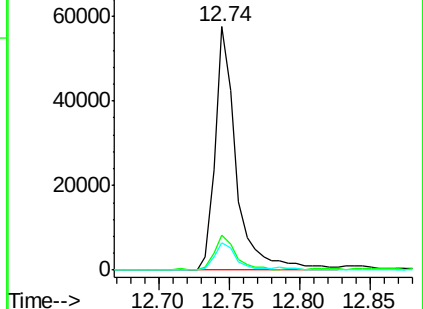
183 11.1 9.3 13.9

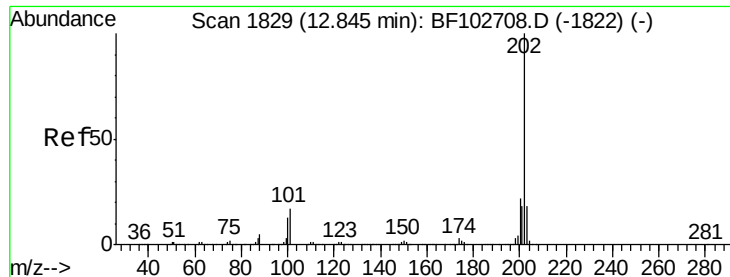


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.124 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

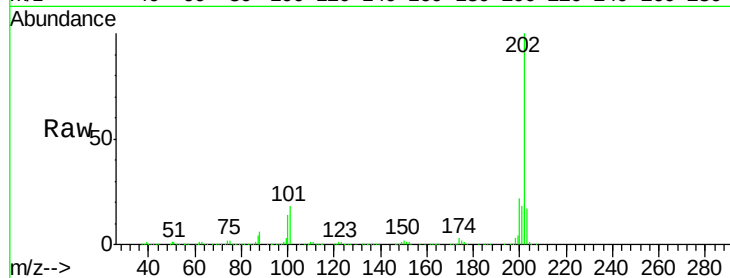
Tot Ion:202 Resp: 800329

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

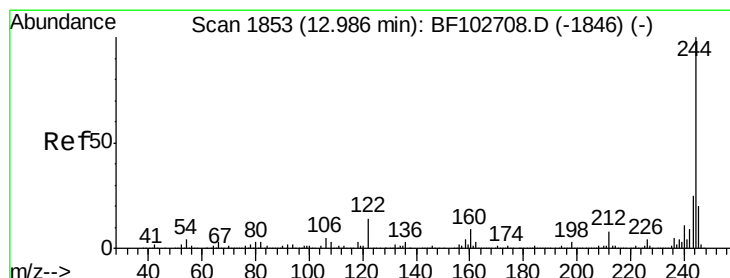
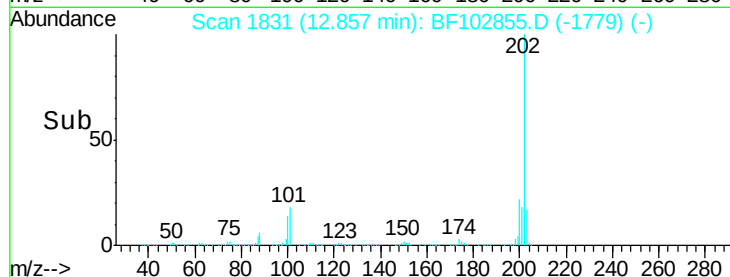
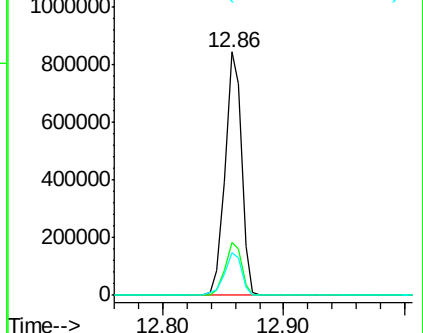
203 17.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.107 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

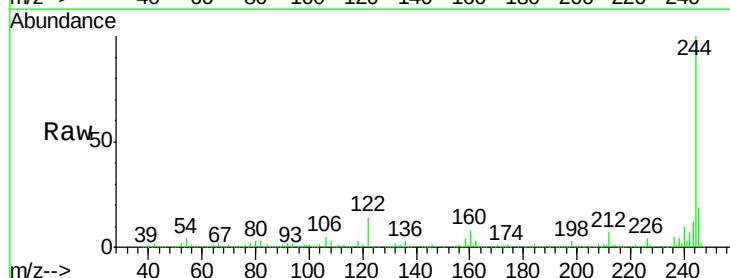
Tgt Ion:244 Resp: 818604

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

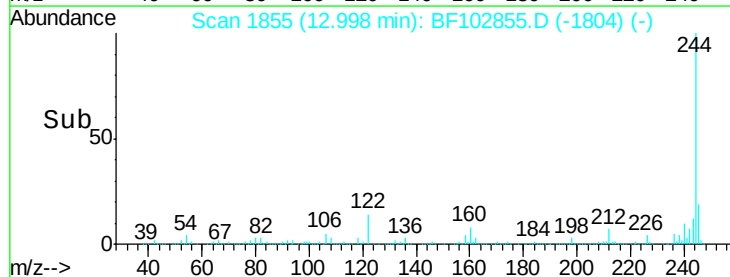
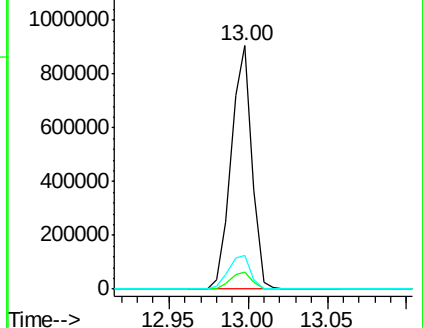
122 13.9 11.0 16.4

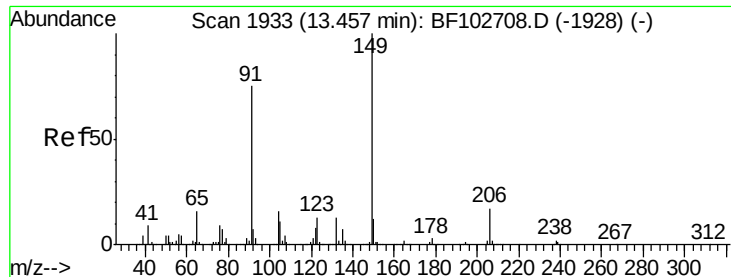


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

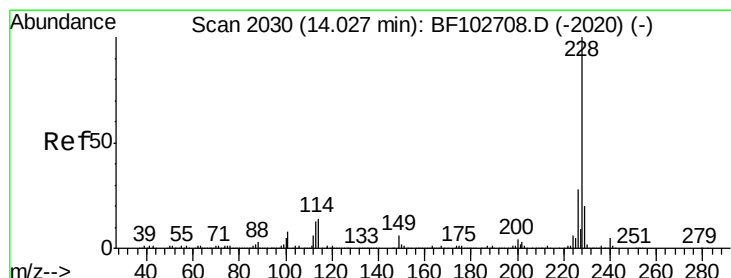
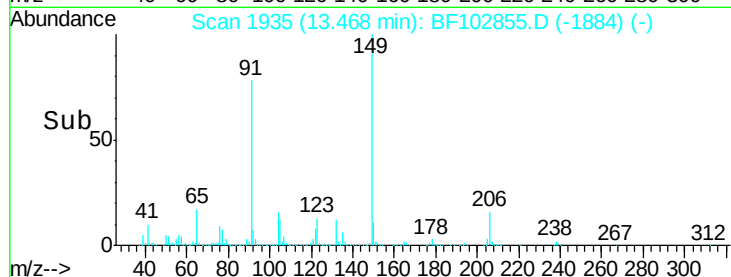
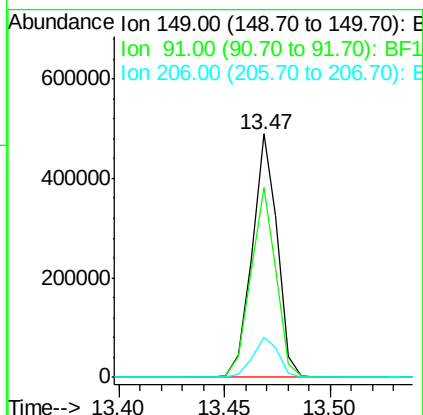
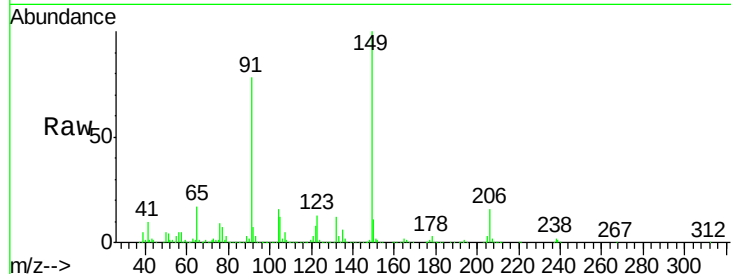




#79
Butylbenzylphthalate
Concen: 33.252 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

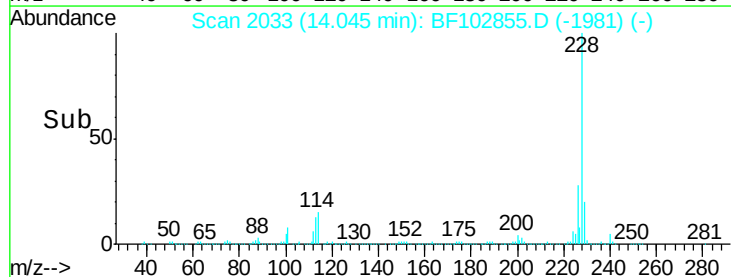
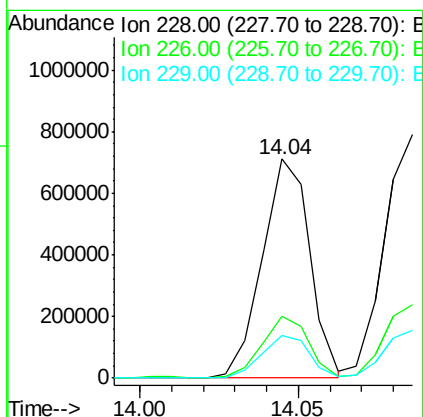
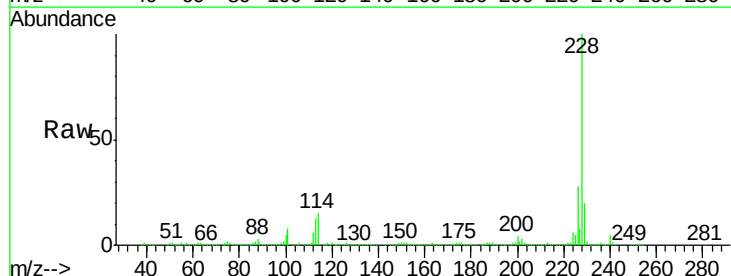
Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

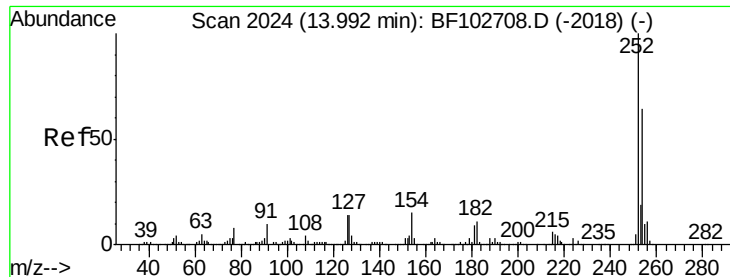
Tot Ion:149 Resp: 405051
Ion Ratio Lower Upper
149 100
91 78.0 56.8 85.2
206 16.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.887 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:228 Resp: 740108
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 19.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 35.705 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

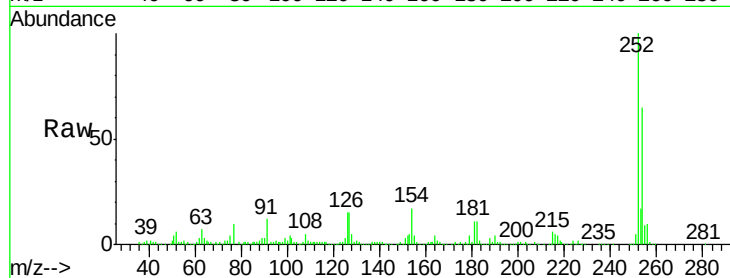
Tot Ion:252 Resp: 273022

Ion Ratio Lower Upper

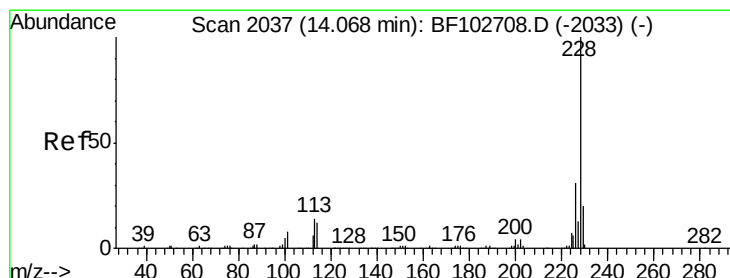
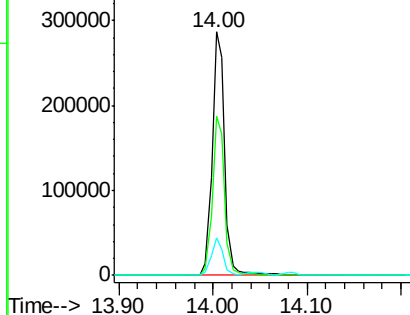
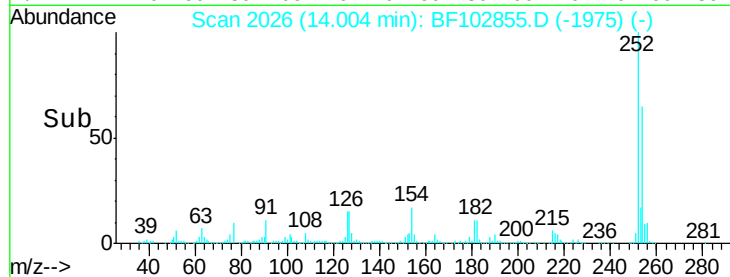
252 100

254 65.1 50.4 75.6

126 15.3 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: 34.313 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

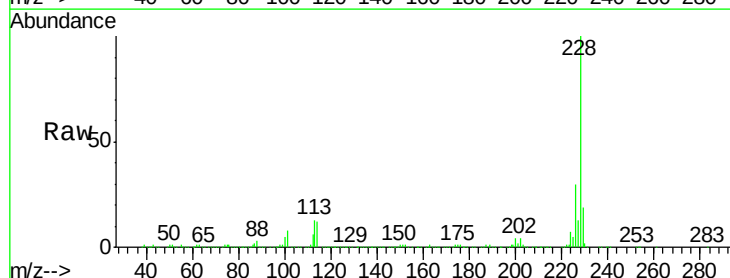
Tgt Ion:228 Resp: 713352

Ion Ratio Lower Upper

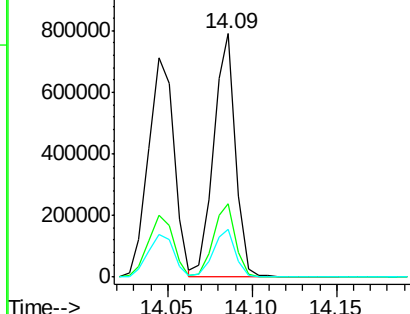
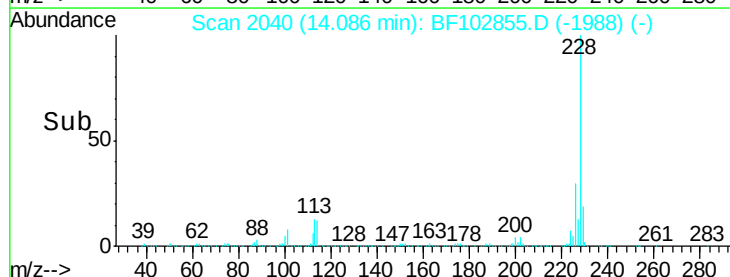
228 100

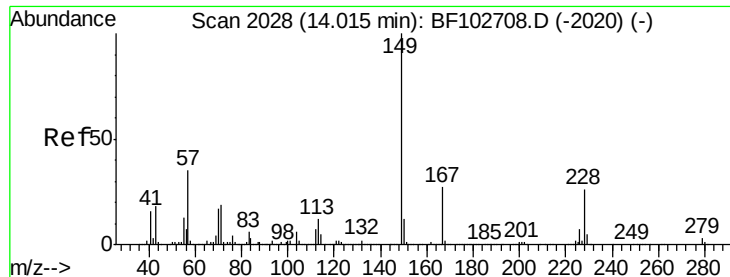
226 30.2 25.0 37.6

229 19.4 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.479 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

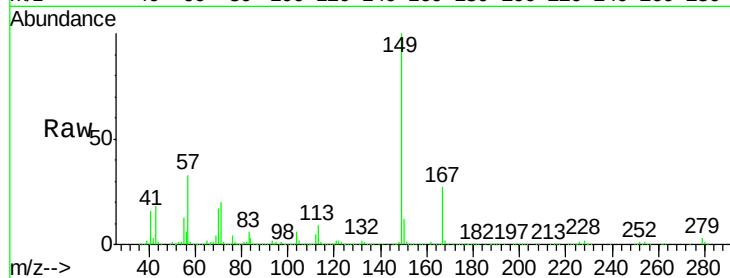
Tot Ion:149 Resp: 590377

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

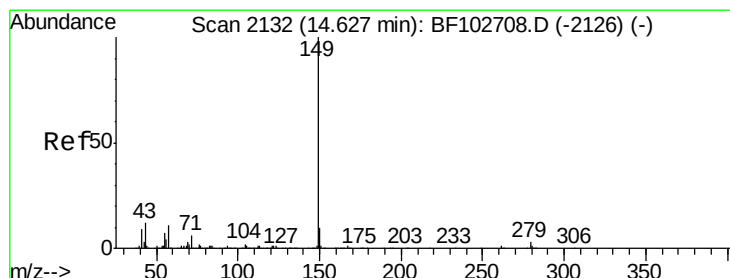
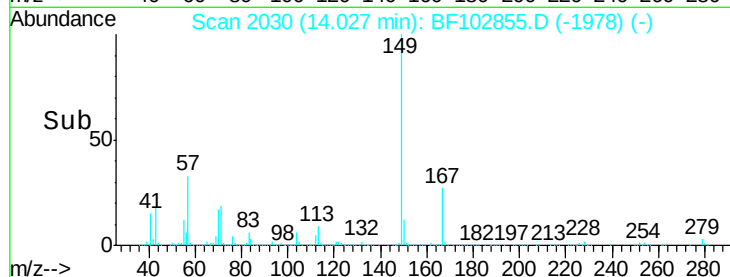
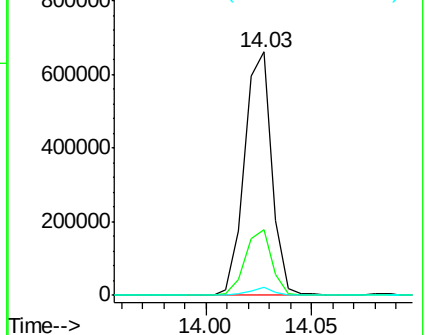
279 3.1 3.0 4.4



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: 44.645 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

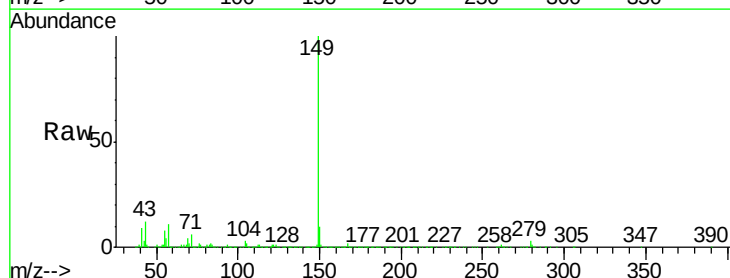
Tgt Ion:149 Resp: 1055959

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

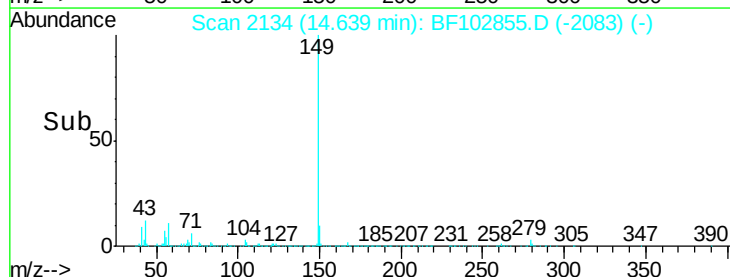
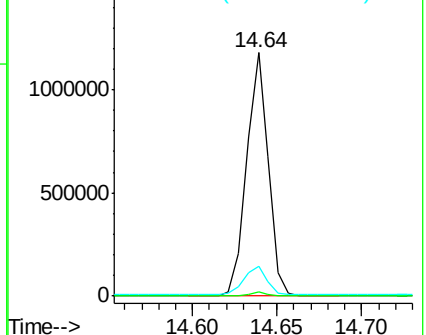
43 12.2 8.4 12.6

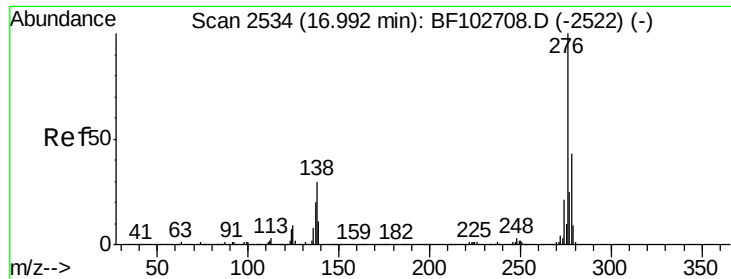


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

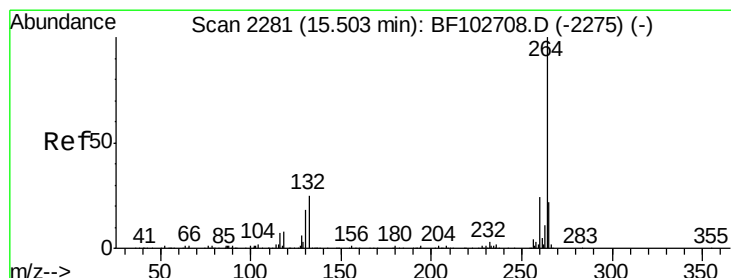
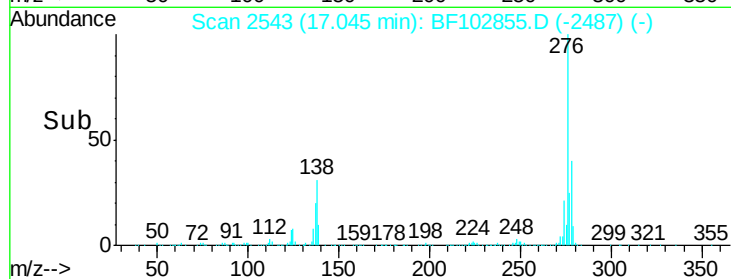
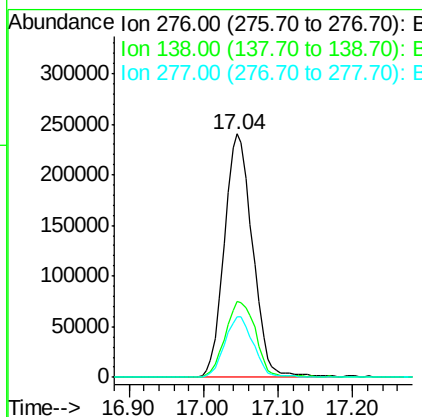
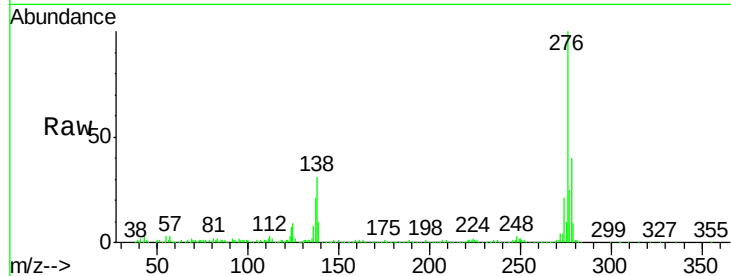




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.858 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.03 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

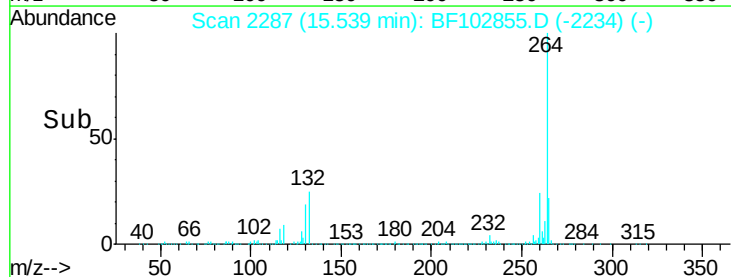
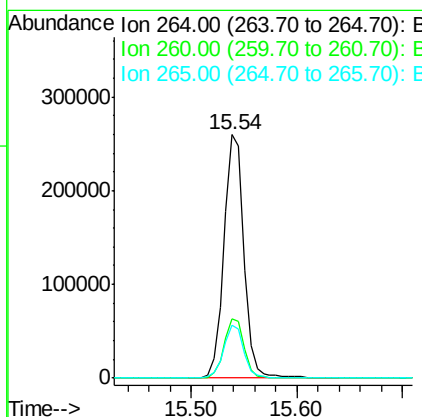
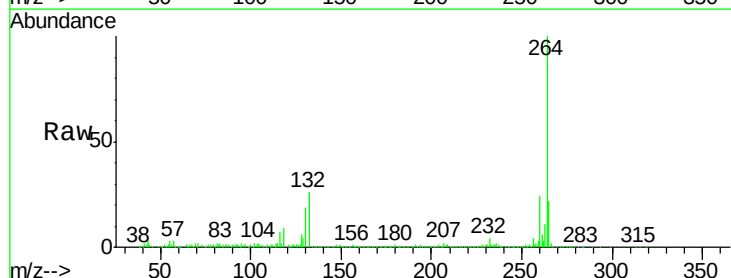
Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

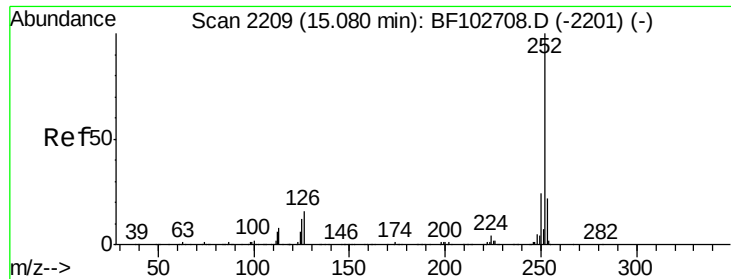
Tot Ion:276 Resp: 635510
 Ion Ratio Lower Upper
 276 100
 138 33.9 25.0 37.6
 277 25.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Tgt Ion:264 Resp: 339385
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 17.5 26.3

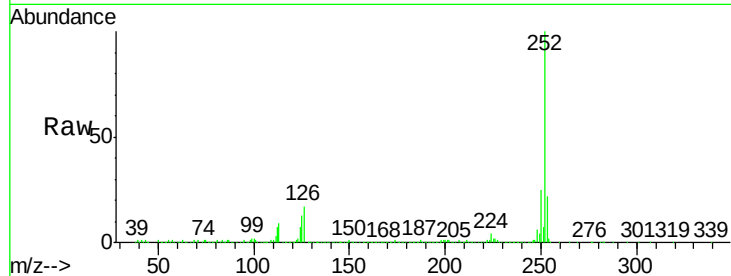




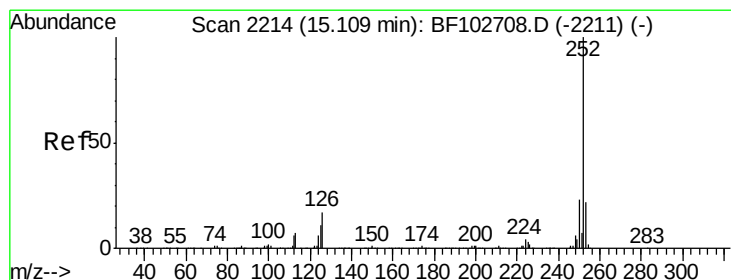
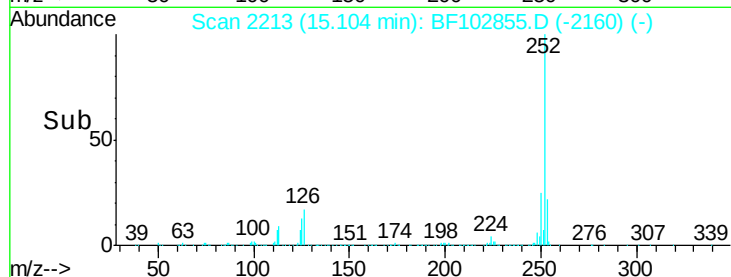
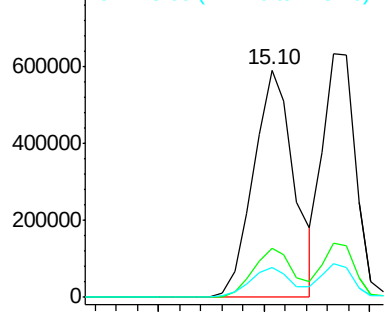
#87
Benzo(b)fluoranthene
Concen: 36.059 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Instrument :
BNA_F
ClientSampleId :
WABUT-6MSD

Tot Ion:252 Resp: 793428
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.9 9.0 13.6

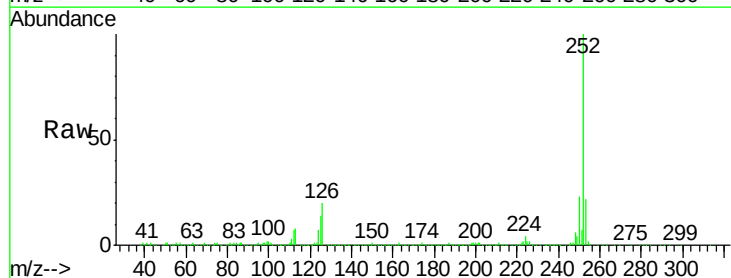


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

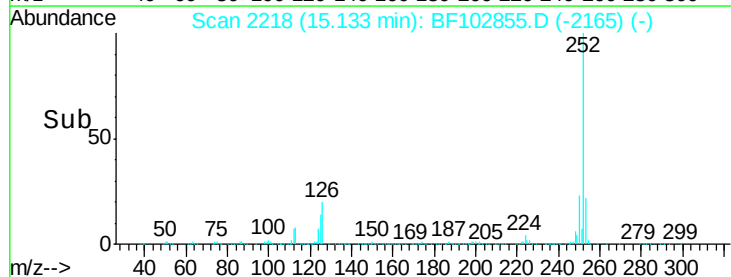
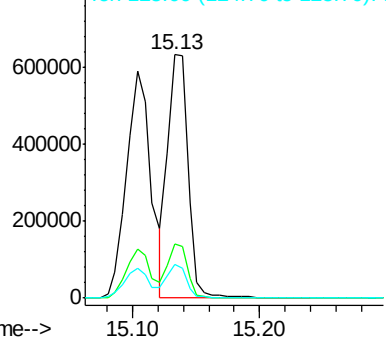


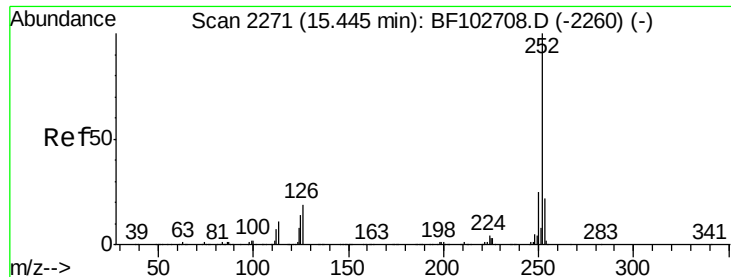
#88
Benzo(k)fluoranthene
Concen: 33.084 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF102855.D
Acq: 8 Feb 2018 14:51

Tgt Ion:252 Resp: 695568
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.9 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: 35.865 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.02 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

Instrument :

BNA_F

ClientSampleId :

WABUT-6MSD

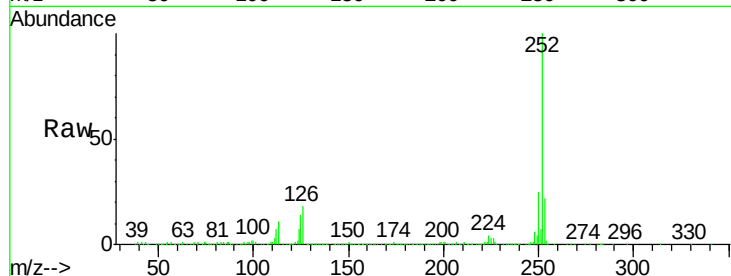
Tot Ion:252 Resp: 710346

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

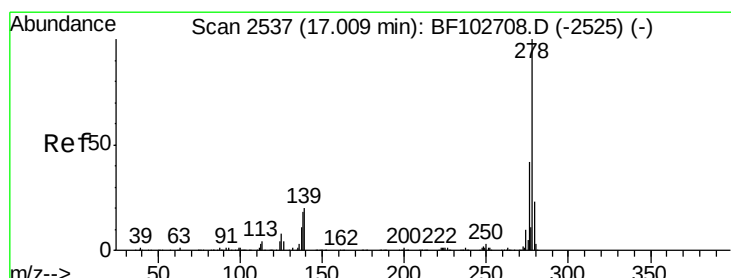
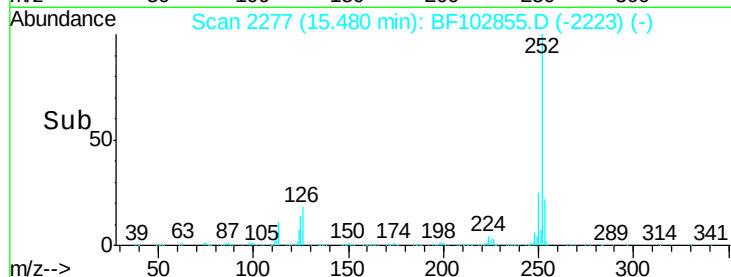
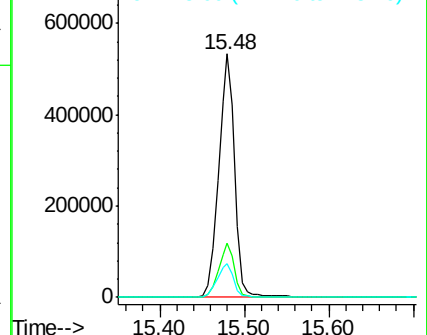
125 14.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.469 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF102855.D

Acq: 8 Feb 2018 14:51

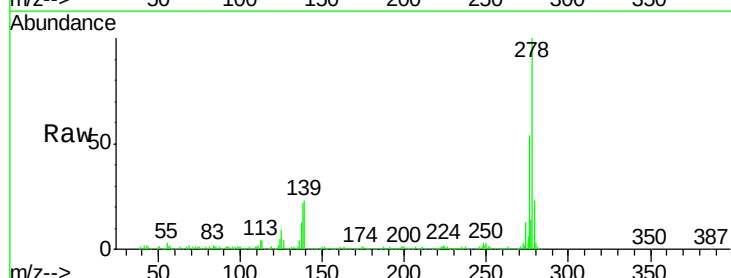
Tgt Ion:278 Resp: 554116

Ion Ratio Lower Upper

278 100

139 22.6 15.9 23.9

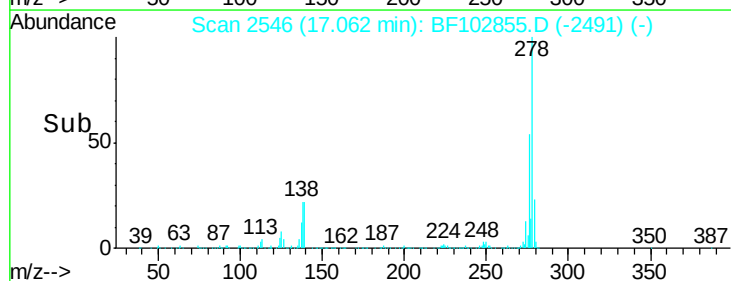
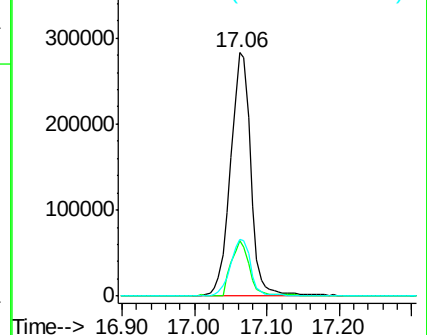
279 23.3 19.0 28.4

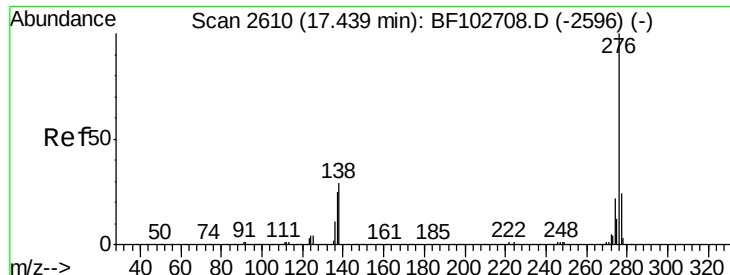


Abundance Ion 278.00 (277.70 to 278.70): E

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: 31.503 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.03 min
 Lab File: BF102855.D
 Acq: 8 Feb 2018 14:51

Instrument :
 BNA_F
 ClientSampleId :
 WABUT-6MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	27.5	21.8	32.8

