

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106631.D
 Acq On : 20 Jun 2018 20:34
 Operator : JU/SJ
 Sample : J3529-10MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Quant Time: Jun 21 01:03:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102057	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	431881	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	216109	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	407838	20.00	ng	0.00
75) Chrysene-d12	14.15	240	272246	20.00	ng	0.00
86) Perylene-d12	15.68	264	281067	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	399142	66.23	ng	0.01
7) Phenol-d6	6.62	99	326248	43.35	ng	0.01
23) Nitrobenzene-d5	7.53	82	653514	84.09	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	334647	133.60	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1087039	85.17	ng	0.00
78) Terphenyl-d14	13.08	244	1168444	103.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	50891	16.424	ng	97
3) Pyridine	3.65	79	138245	16.451	ng	97
4) n-Nitrosodimethylamine	3.57	42	64688	18.124	ng	83
6) Aniline	6.63	93	262043	25.666	ng	# 1
8) 2-Chlorophenol	6.76	128	242402	36.669	ng	98
9) Benzaldehyde	6.51	77	115951	19.725	ng	98
10) Phenol	6.63	94	661520	77.014	ng	88
11) bis(2-Chloroethyl)ether	6.70	93	319513	45.058	ng	98
12) 1,3-Dichlorobenzene	6.90	146	312825	40.404	ng	98
13) 1,4-Dichlorobenzene	6.98	146	311189	39.755	ng	99
14) 1,2-Dichlorobenzene	7.14	146	292386	40.758	ng	97
15) Benzyl Alcohol	7.11	79	168976	27.960	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	428915	46.100	ng	# 42
17) 2-Methylphenol	7.24	107	187813	33.199	ng	# 85
18) Hexachloroethane	7.47	117	110565	40.167	ng	# 88
19) n-Nitroso-di-n-propylamine	7.38	70	210092	42.346	ng	94
20) 3+4-Methylphenols	7.38	107	279576	46.095	ng	95
22) Acetophenone	7.37	105	411433	42.581	ng	99
24) Nitrobenzene	7.55	77	329565	41.537	ng	98
25) Isophorone	7.79	82	619201	45.216	ng	98
26) 2-Nitrophenol	7.86	139	165975	44.313	ng	96
27) 2,4-Dimethylphenol	7.91	122	261815	45.224	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	378266	41.140	ng	# 66
29) 2,4-Dichlorophenol	8.12	162	256698	42.353	ng	90
30) 1,2,4-Trichlorobenzene	8.18	180	286150	42.857	ng	99
31) Naphthalene	8.27	128	766663	37.969	ng	99
32) Benzoic acid	8.10	122	163330	39.886	ng	99
33) 4-Chloroaniline	8.32	127	185362	21.878	ng	99
34) Hexachlorobutadiene	8.38	225	184163	42.330	ng	99
36) 4-Chloro-3-methylphenol	8.81	107	269935	42.312	ng	98
37) 2-Methylnaphthalene	8.96	142	618661	46.225	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	320746	44.071	ng	97
40) Hexachlorocyclopentadiene	9.11	237	289725	77.375	ng	100
42) 2,4,6-Trichlorophenol	9.25	196	203297	42.023	ng	92

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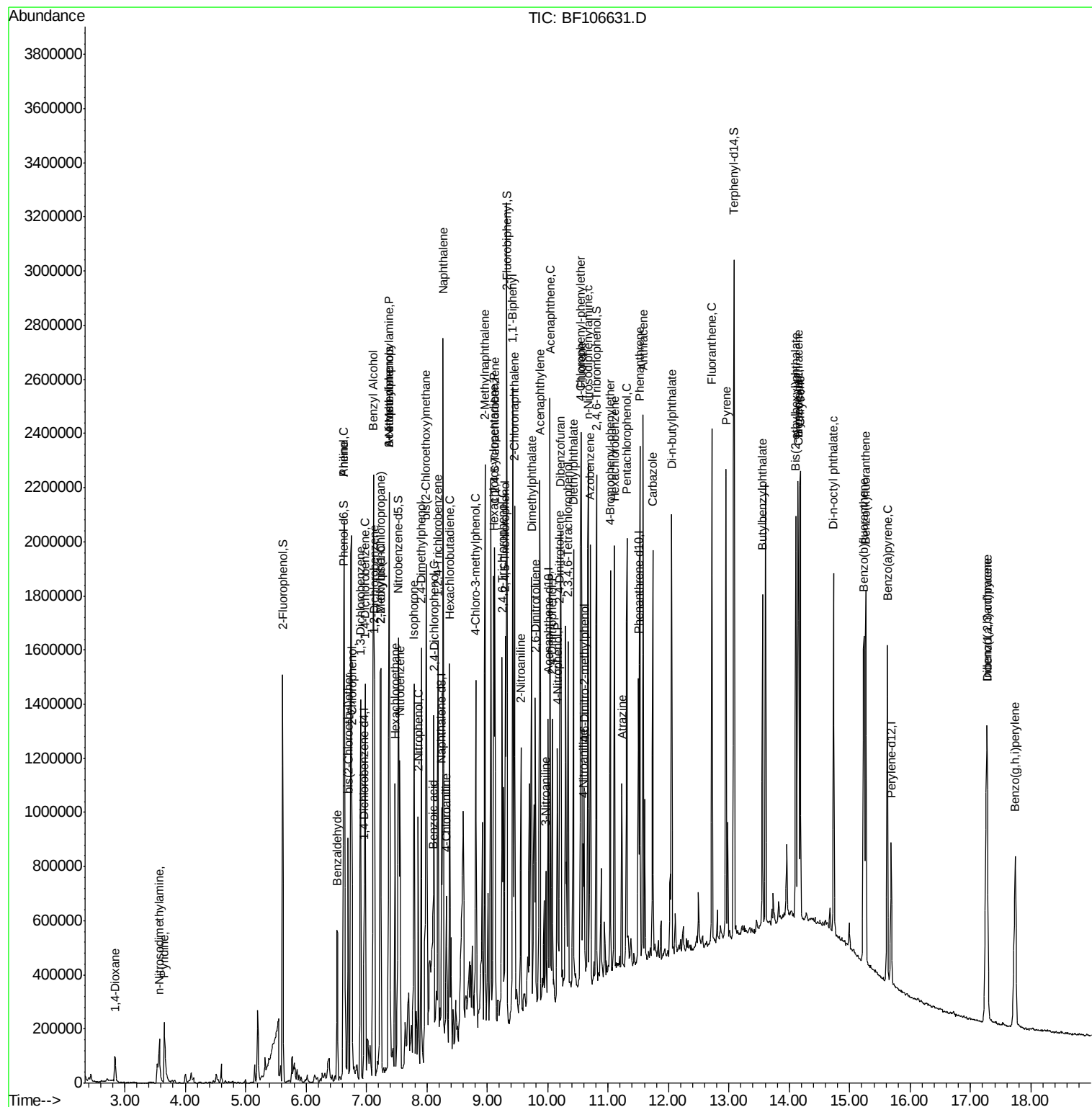
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	211026	41.804	ng	88
45) 1,1'-Biphenyl	9.42	154	731513	42.473	ng	98
46) 2-Chloronaphthalene	9.45	162	550241	40.588	ng	96
47) 2-Nitroaniline	9.56	65	185995	40.800	ng	99
48) Acenaphthylene	9.87	152	855892	39.988	ng	97
49) Dimethylphthalate	9.73	163	752389	46.420	ng	97
50) 2,6-Dinitrotoluene	9.80	165	161300	46.996	ng	94
51) Acenaphthene	10.04	154	531487	39.434	ng	98
52) 3-Nitroaniline	9.97	138	86426	21.883	ng	98
53) 2,4-Dinitrophenol	10.08	184	166917	92.632	ng #	19
54) Dibenzofuran	10.22	168	809108	43.841	ng	96
55) 4-Nitrophenol	10.17	139	76638	27.799	ng	91
56) 2,4-Dinitrotoluene	10.20	165	207219	46.255	ng #	91
57) Fluorene	10.56	166	633946	43.287	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	202847	50.551	ng #	78
59) Diethylphthalate	10.42	149	635707	40.636	ng #	93
60) 4-Chlorophenyl-phenylether	10.55	204	331386	43.246	ng #	85
61) 4-Nitroaniline	10.59	138	114443	29.197	ng	99
62) Azobenzene	10.71	77	624034	40.508	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	124346	49.323	ng #	71
65) n-Nitrosodiphenylamine	10.67	169	557515	40.642	ng	97
66) 4-Bromophenyl-phenylether	11.04	248	236931	48.678	ng #	83
67) Hexachlorobenzene	11.11	284	254018	49.863	ng #	83
68) Atrazine	11.23	200	105972	24.300	ng	95
69) Pentachlorophenol	11.31	266	243248	95.696	ng	99
70) Phenanthrene	11.53	178	898145	45.659	ng	98
71) Anthracene	11.58	178	914414	45.543	ng	98
72) Carbazole	11.74	167	736105	39.159	ng	97
73) Di-n-butylphthalate	12.05	149	915487	41.339	ng	99
74) Fluoranthene	12.72	202	877813	40.487	ng	96
77) Pyrene	12.95	202	849289	47.307	ng	99
79) Butylbenzylphthalate	13.56	149	322065	43.633	ng #	91
80) Benzo(a)anthracene	14.14	228	758299	45.701	ng	99
82) Chrysene	14.18	228	702937	46.049	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	473218	50.146	ng	97
84) Di-n-octyl phthalate	14.74	149	739076	48.047	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	746718	57.642	ng #	90
87) Benzo(b)fluoranthene	15.24	252	768448	44.013	ng #	95
88) Benzo(k)fluoranthene	15.27	252	699790	42.088	ng #	96
89) Benzo(a)pyrene	15.62	252	717243	46.210	ng #	96
90) Dibenzo(a,h)anthracene	17.28	278	615176	46.767	ng #	94
91) Benzo(g,h,i)perylene	17.74	276	608105	47.297	ng #	90

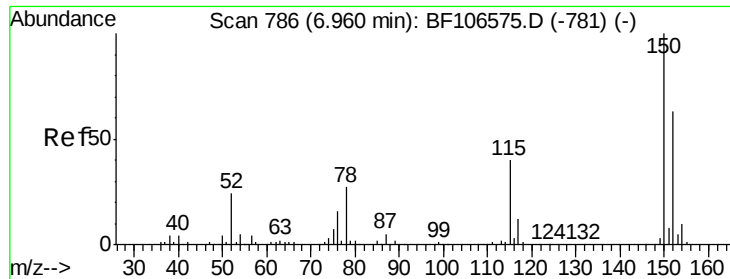
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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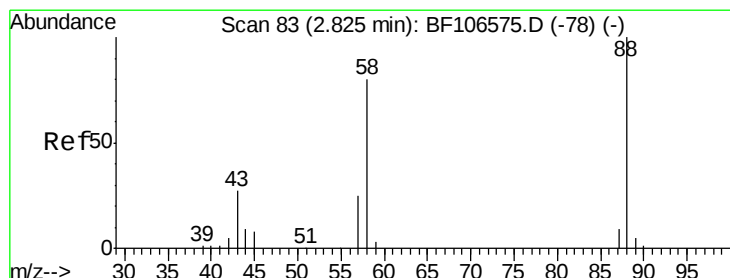
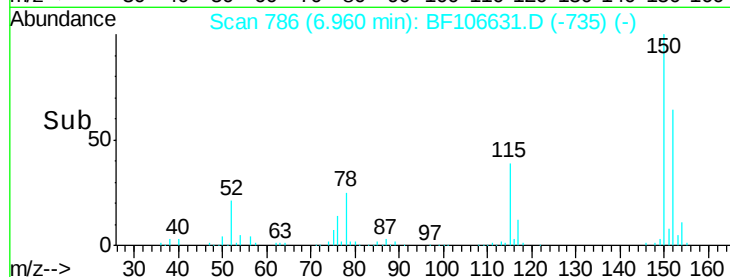
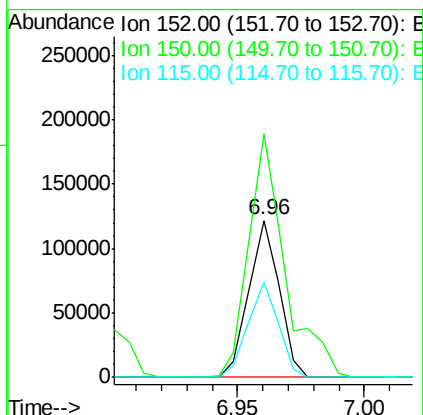
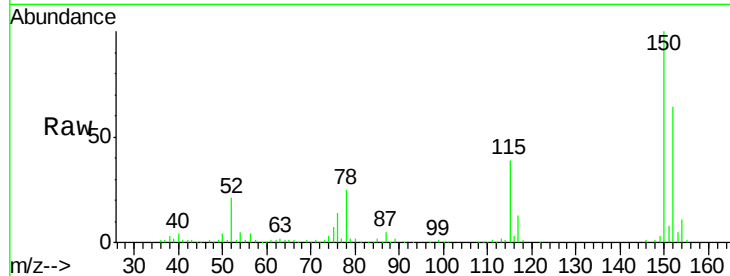


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

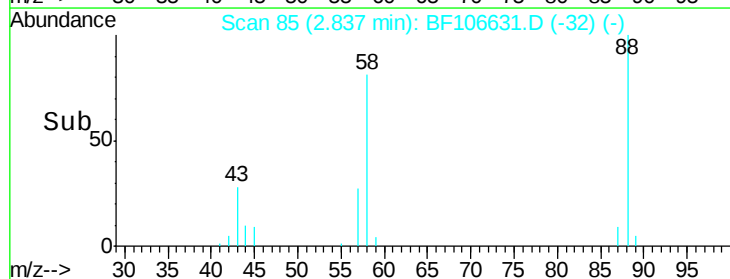
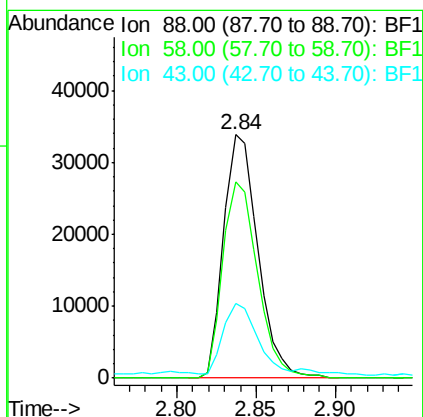
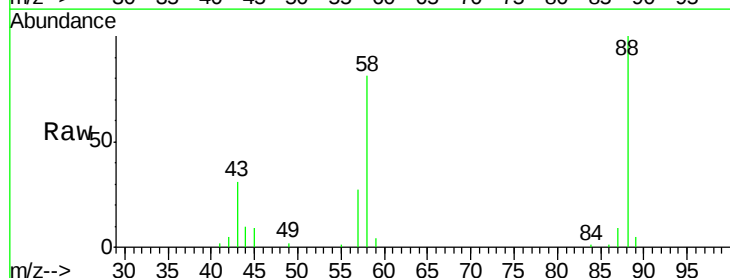
Tgt Ion:152 Resp: 102057
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.8 50.1 75.1

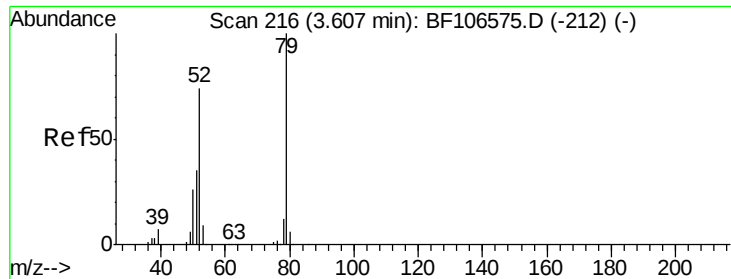


#2

1,4-Dioxane
Concen: 16.424 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion: 88 Resp: 50891
Ion Ratio Lower Upper
88 100
58 81.8 62.6 93.8
43 31.4 24.6 37.0





#3

Pyridine

Concen: 16.451 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

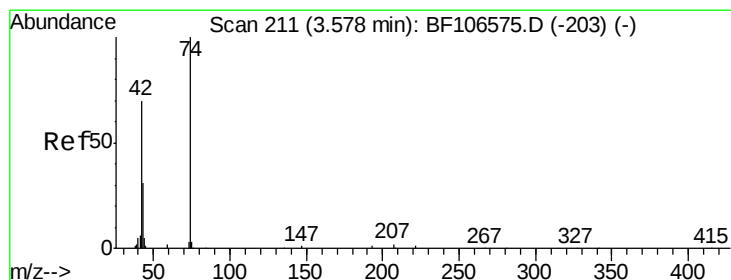
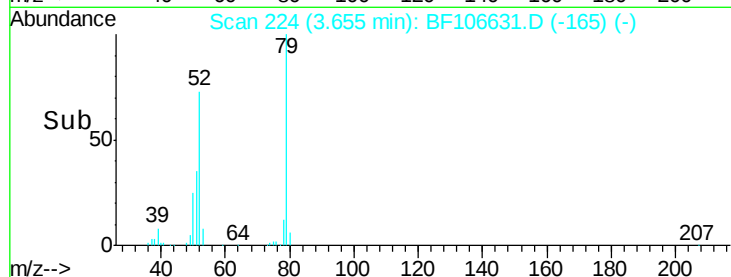
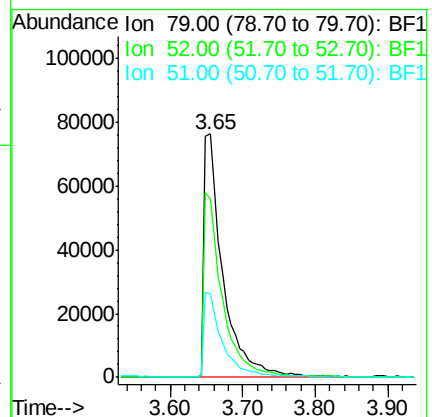
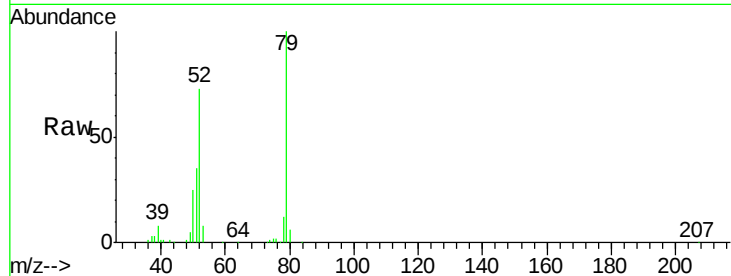
Tgt Ion: 79 Resp: 138245

Ion Ratio Lower Upper

79 100

52 73.1 59.8 89.6

51 34.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 18.124 ng

RT: 3.57 min Scan# 210

Delta R.T. -0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

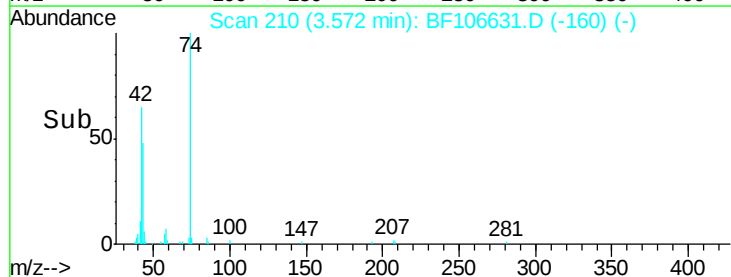
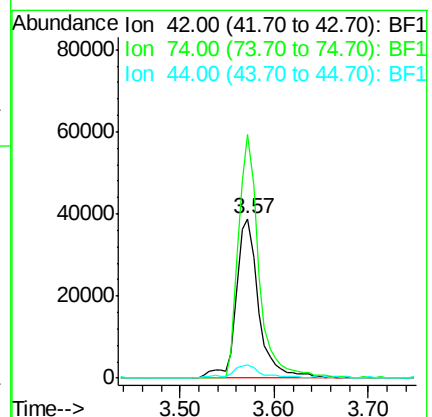
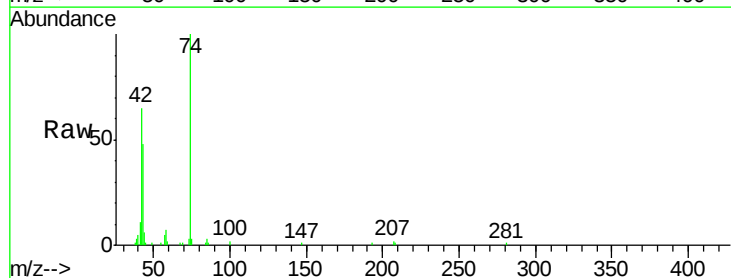
Tgt Ion: 42 Resp: 64688

Ion Ratio Lower Upper

42 100

74 152.8 104.9 157.3

44 8.6 6.9 10.3





#5

2-Fluorophenol

Concen: 66.225 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

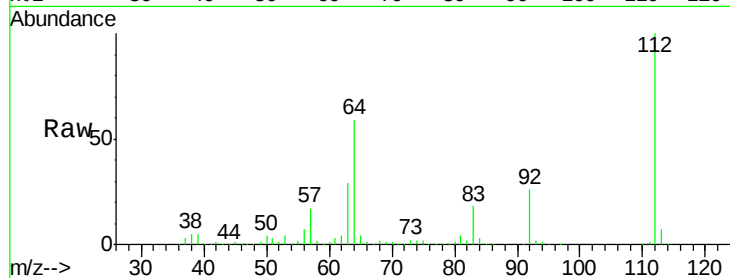
Tgt Ion: 112 Resp: 399142

Ion Ratio Lower Upper

112 100

64 58.9 47.9 71.9

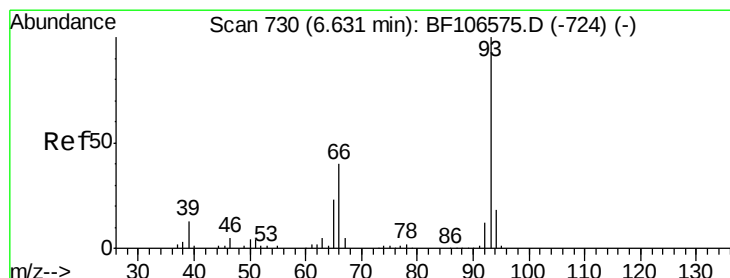
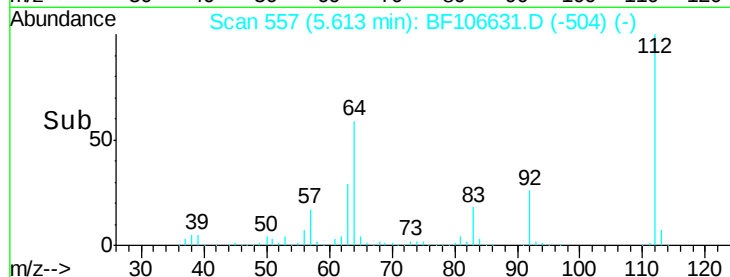
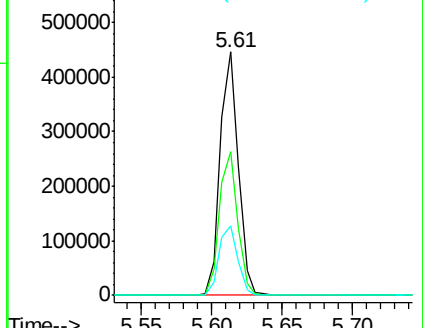
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.666 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

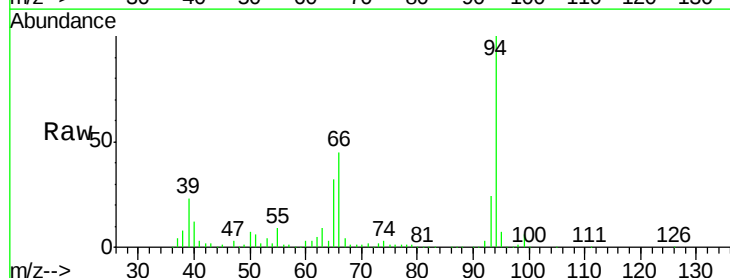
Tgt Ion: 93 Resp: 262043

Ion Ratio Lower Upper

93 100

66 186.4 32.2 48.2#

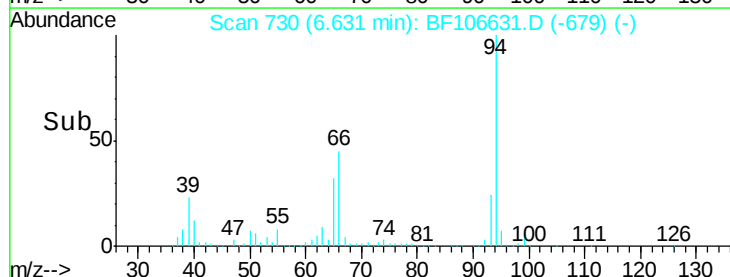
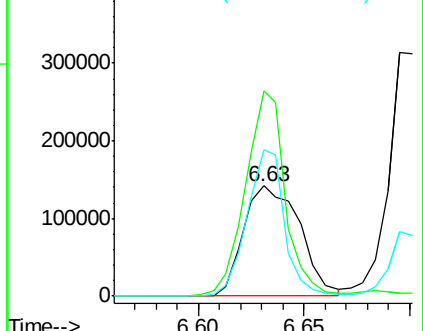
65 133.0 16.4 24.6#

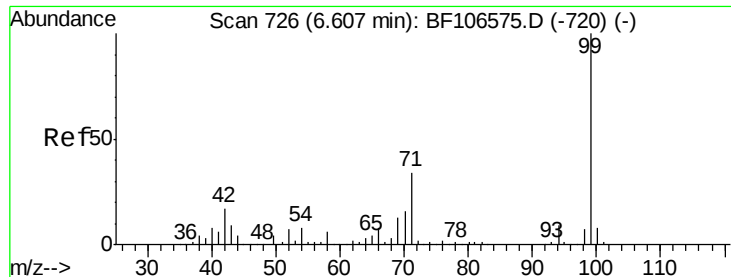


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 43.346 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

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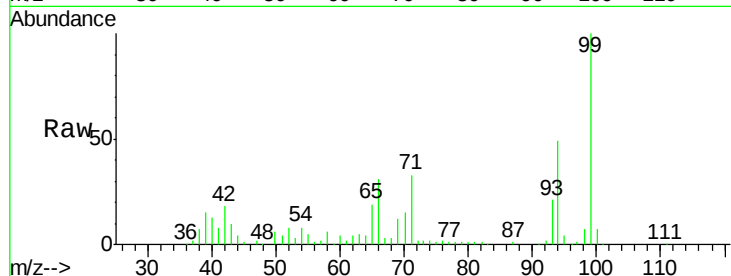
Tgt Ion: 99 Resp: 326248

Ion Ratio Lower Upper

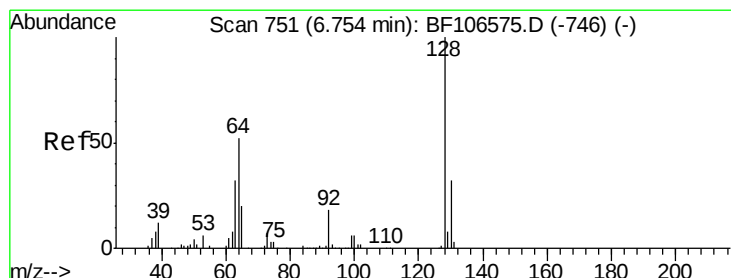
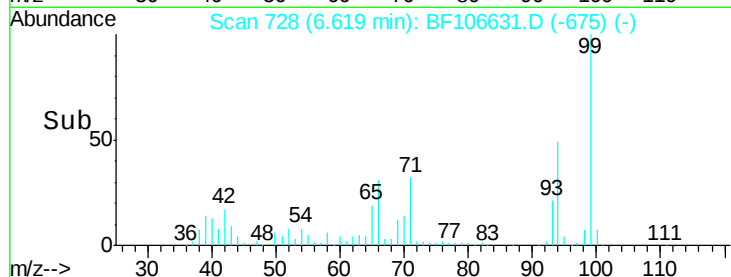
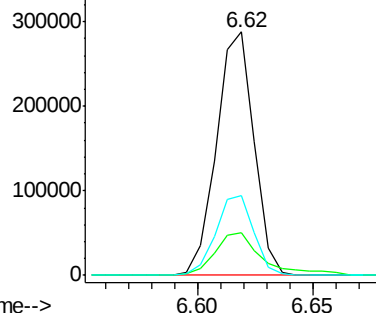
99 100

42 17.7 14.5 21.7

71 32.7 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: 36.669 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

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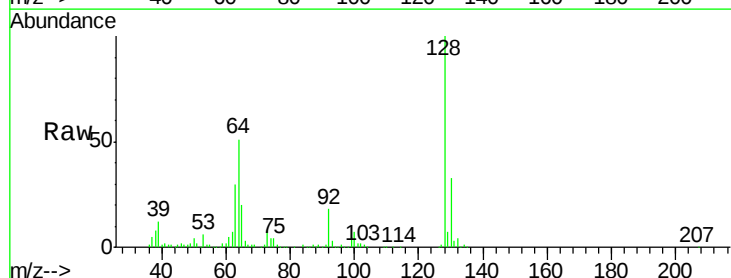
Tgt Ion: 128 Resp: 242402

Ion Ratio Lower Upper

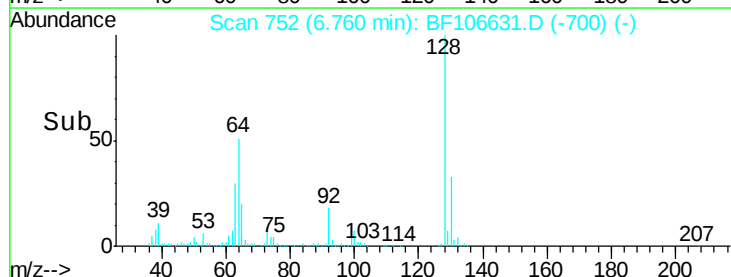
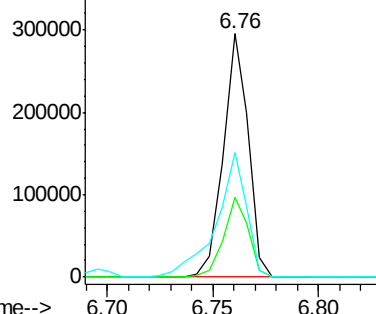
128 100

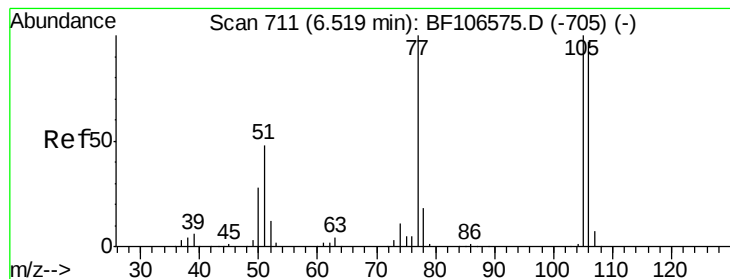
130 32.9 13.0 53.0

64 51.3 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: 19.725 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

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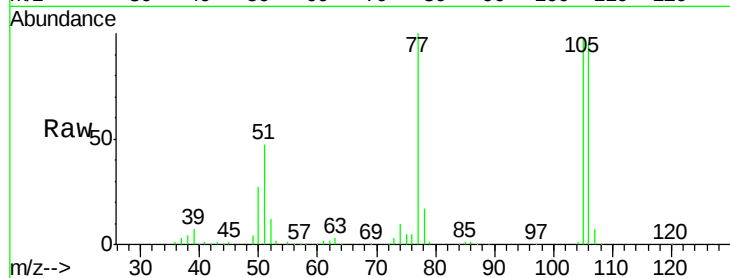
Tgt Ion: 77 Resp: 115951

Ion Ratio Lower Upper

77 100

105 97.5 81.1 121.1

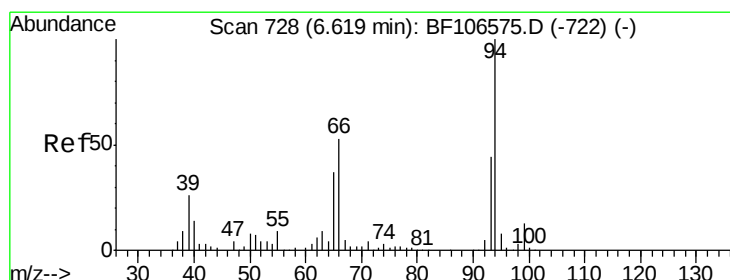
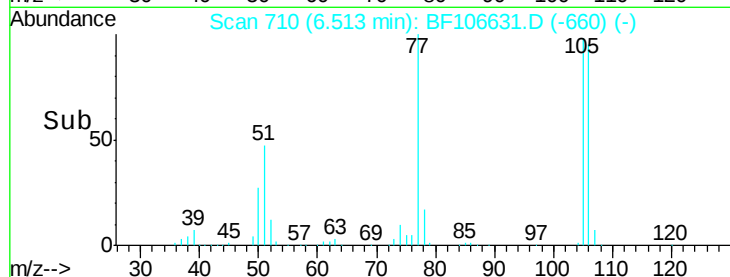
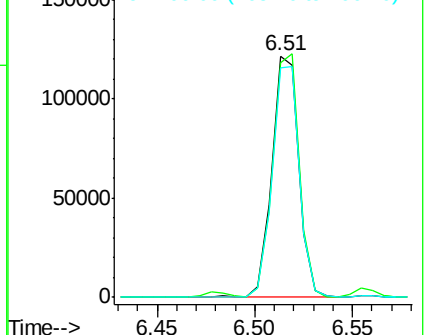
106 95.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 77.014 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

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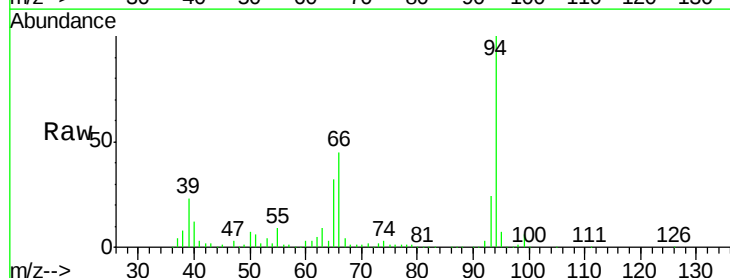
Tgt Ion: 94 Resp: 661520

Ion Ratio Lower Upper

94 100

65 32.1 7.9 47.9

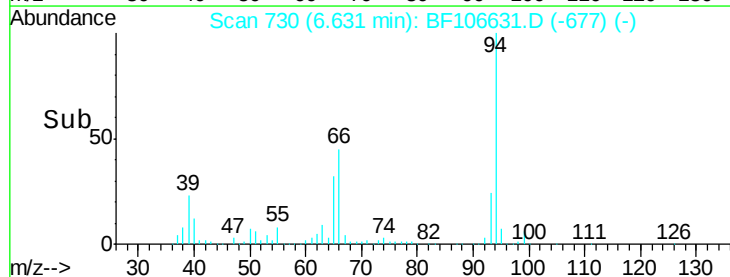
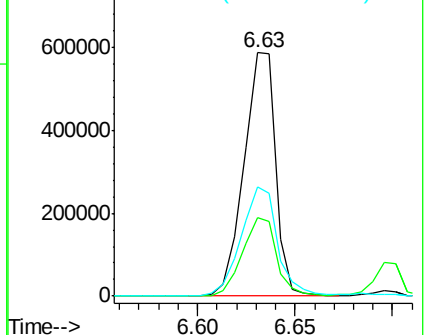
66 45.0 16.2 56.2

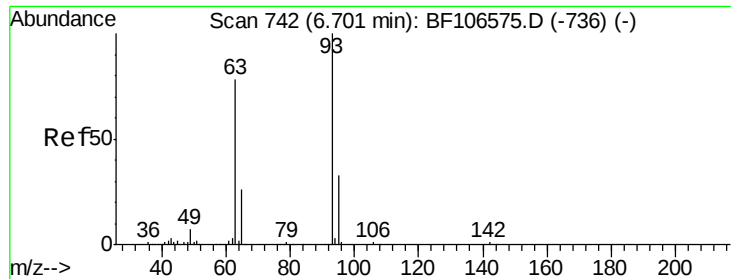


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

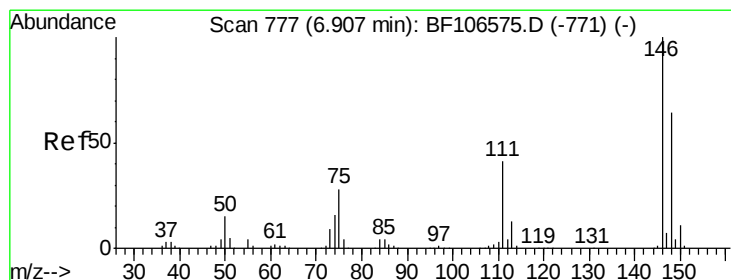
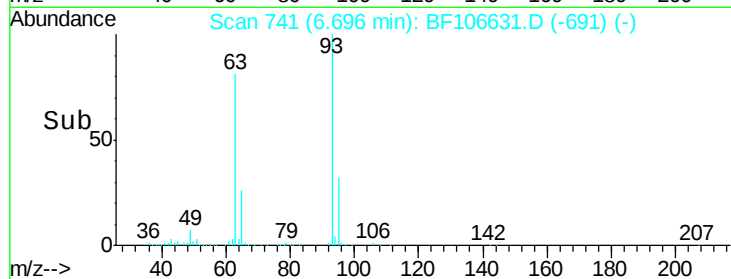
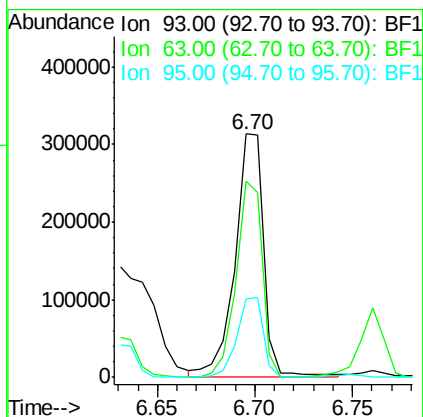
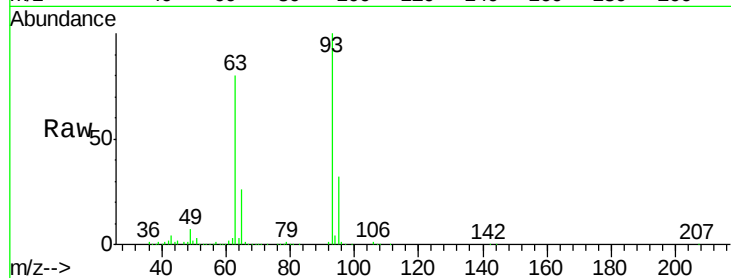




#11
bis(2-Chloroethyl)ether
Concen: 45.058 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

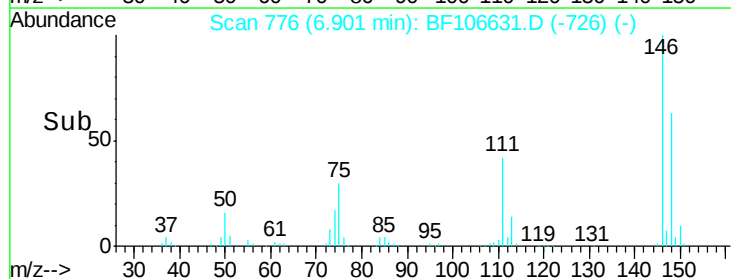
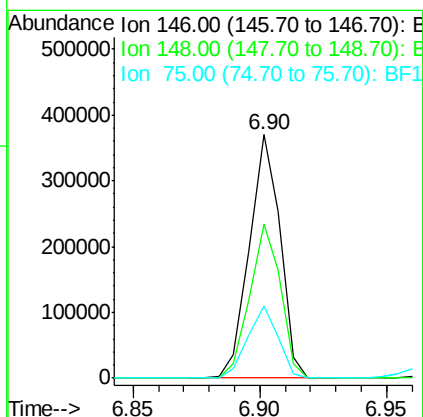
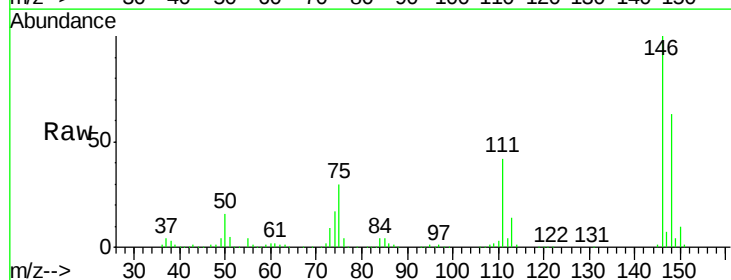
Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

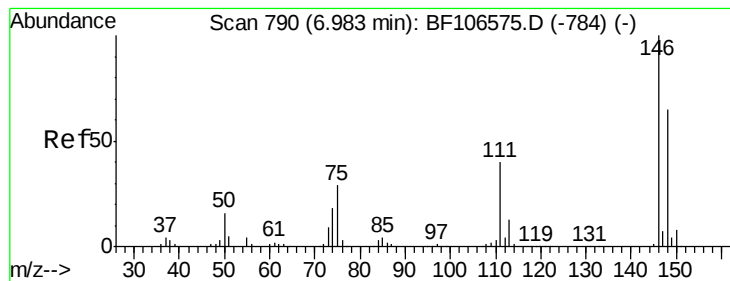
Tgt Ion: 93 Resp: 319513
Ion Ratio Lower Upper
93 100
63 80.5 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.404 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion: 146 Resp: 312825
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 29.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.755 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

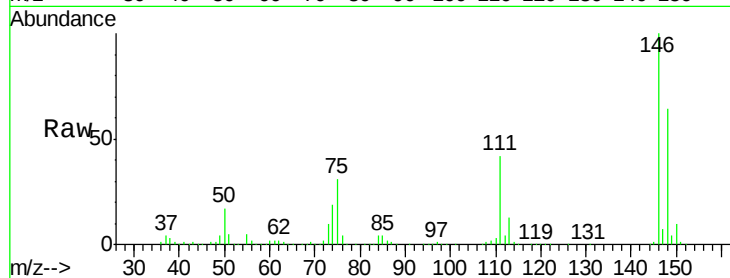
Tgt Ion:146 Resp: 311189

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

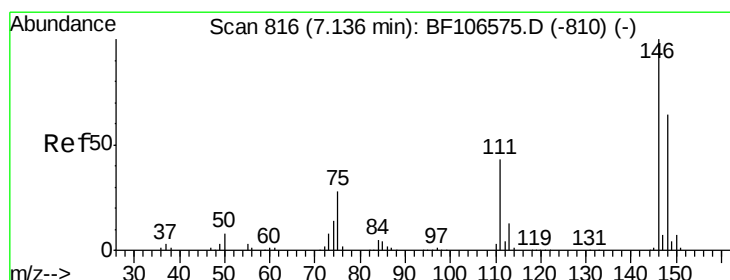
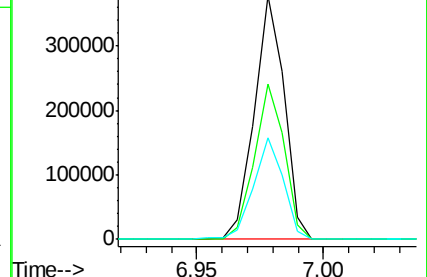
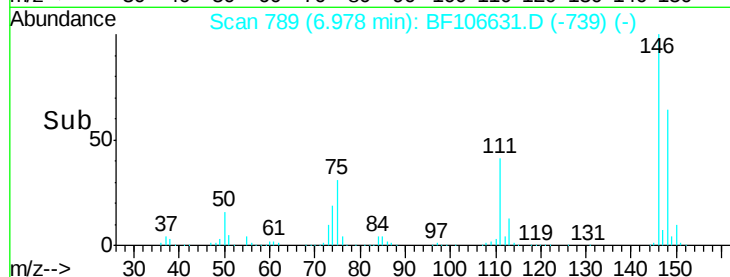
111 41.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.758 ng

RT: 7.14 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

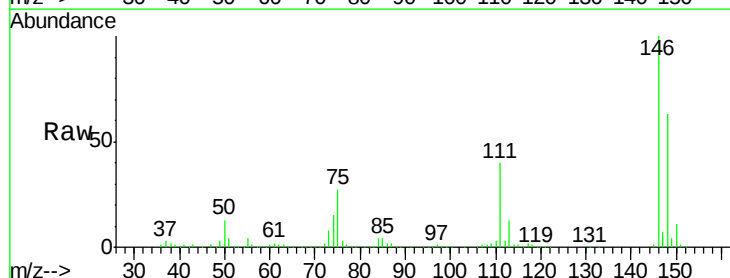
Tgt Ion:146 Resp: 292386

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

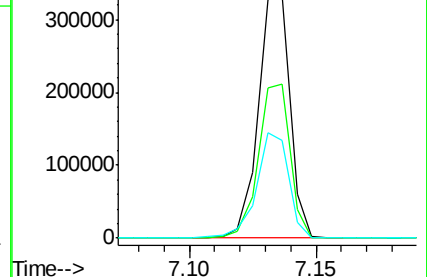
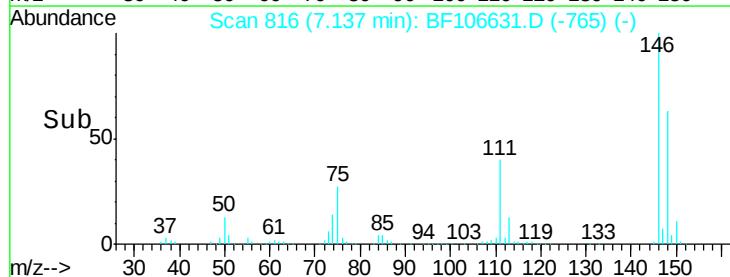
111 40.3 36.0 54.0

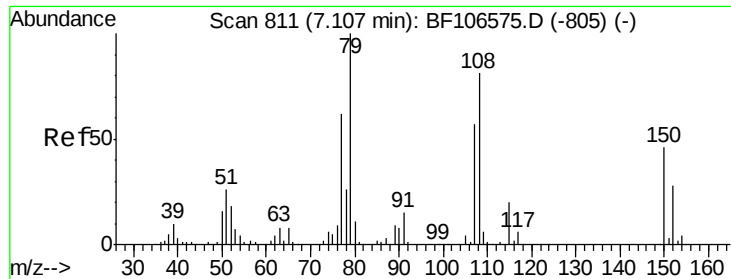


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.960 ng

RT: 7.11 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

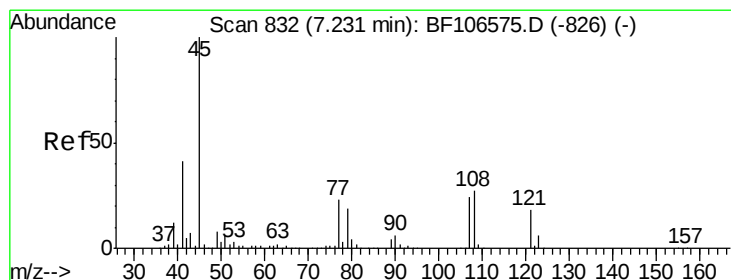
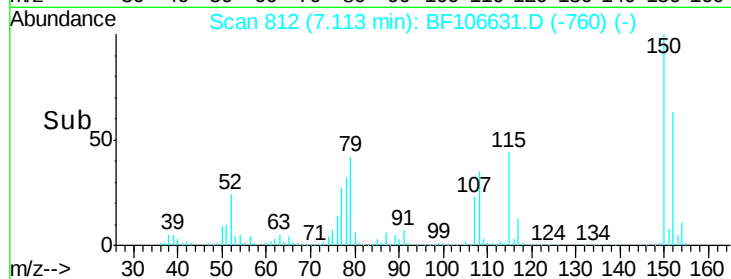
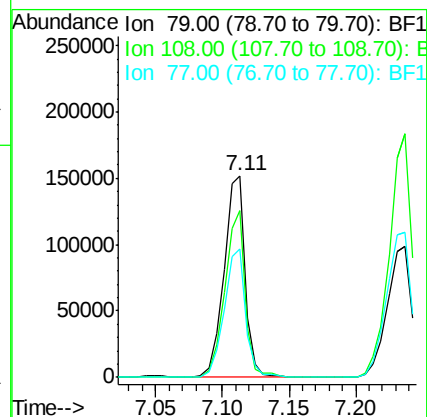
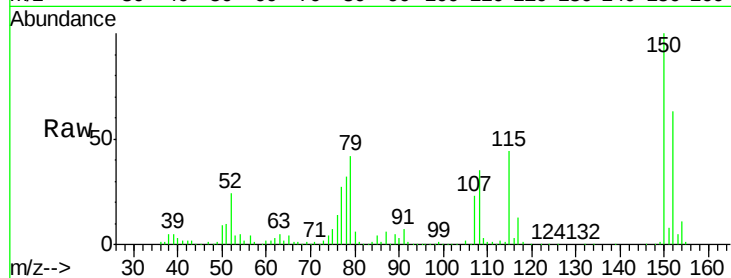
Tgt Ion: 79 Resp: 168976

Ion Ratio Lower Upper

79 100

108 82.9 65.1 97.7

77 63.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.100 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

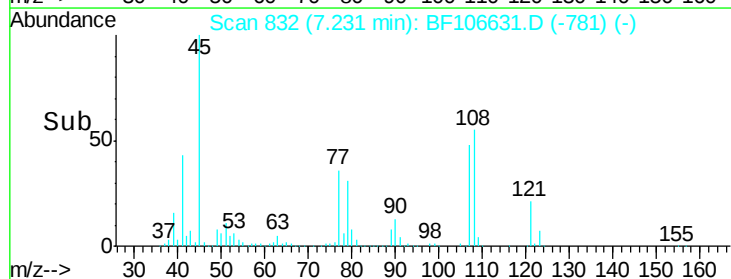
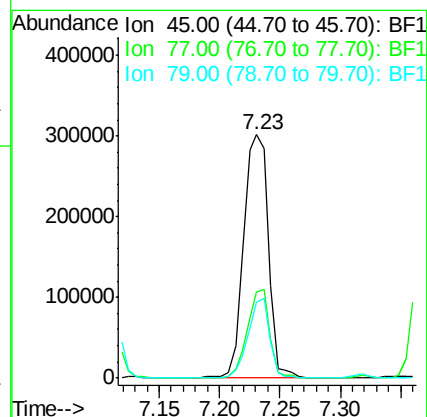
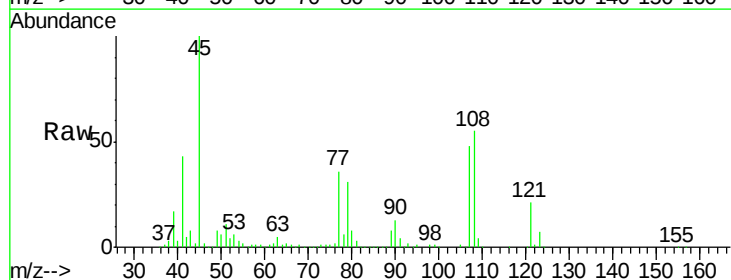
Tgt Ion: 45 Resp: 428915

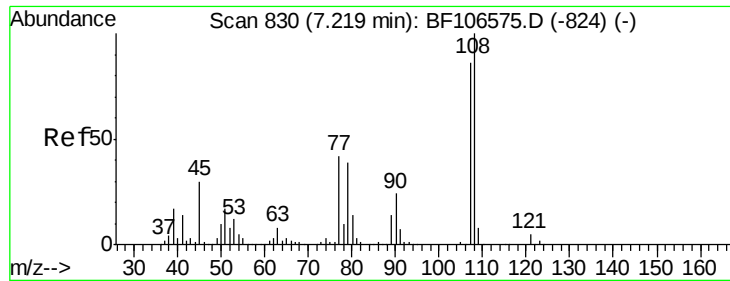
Ion Ratio Lower Upper

45 100

77 35.6 0.0 32.9#

79 31.3 0.0 29.6#

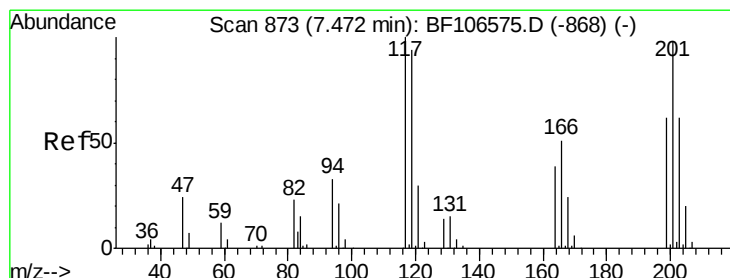
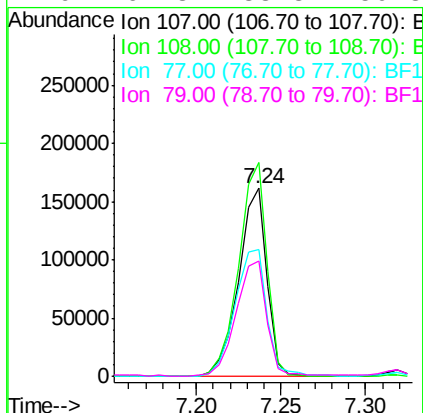
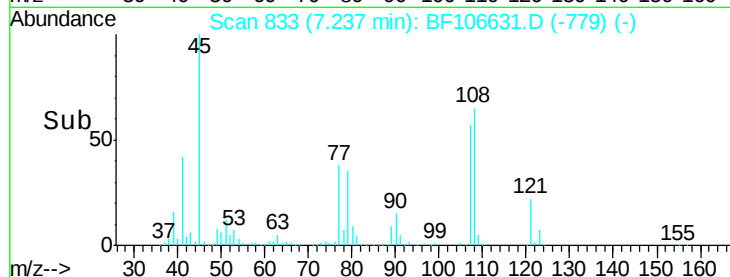
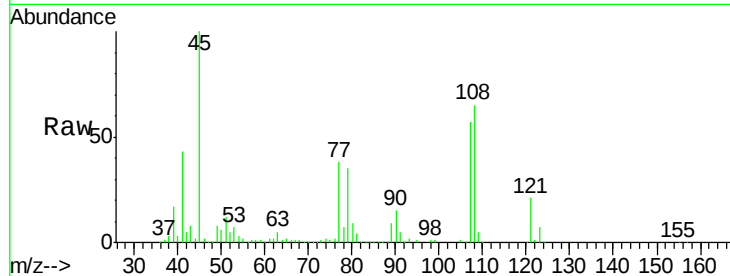




#17
2-Methylphenol
Concen: 33.199 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.02 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

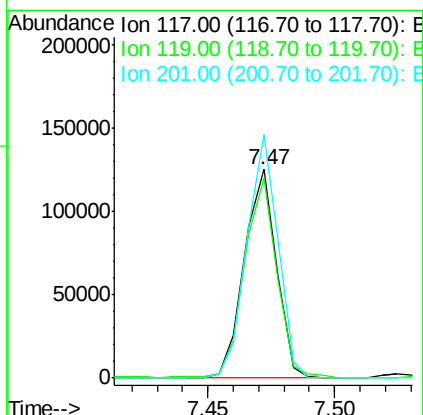
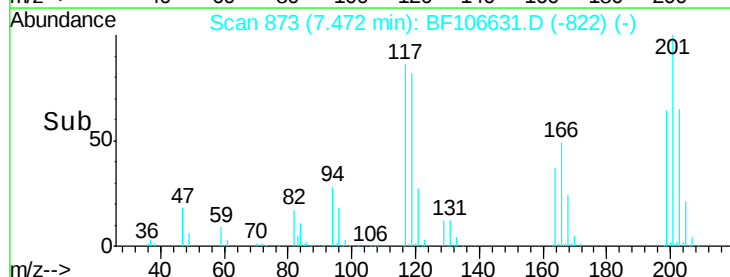
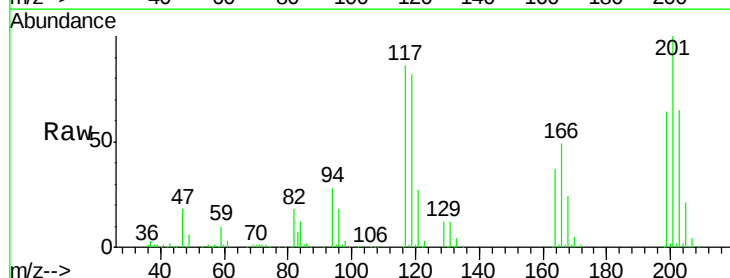
Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

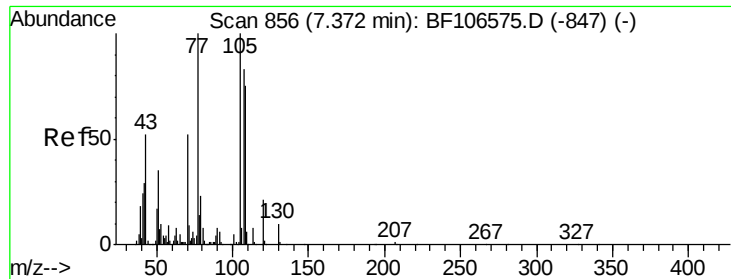
Tgt Ion:107 Resp: 187813
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 67.6 33.8 50.8#
79 61.3 33.8 50.8#



#18
Hexachloroethane
Concen: 40.167 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion:117 Resp: 110565
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 116.5 75.7 113.5#

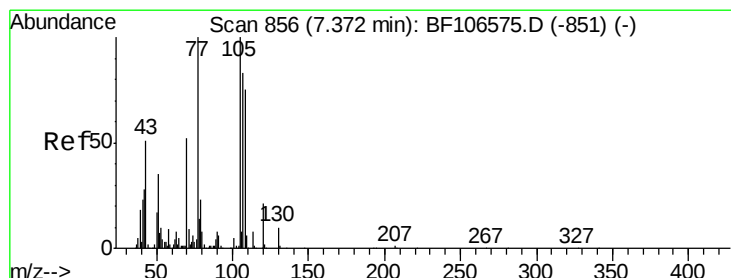
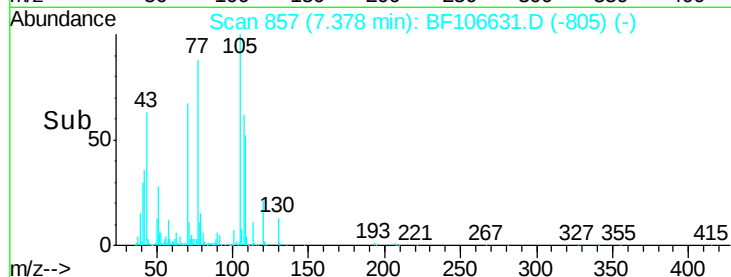
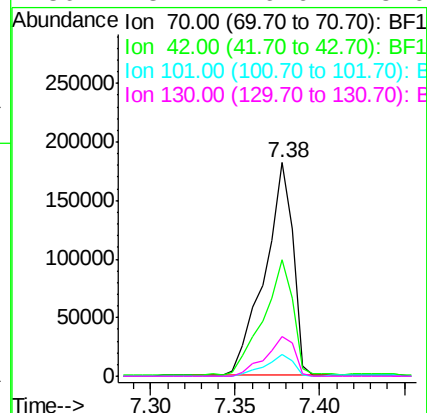
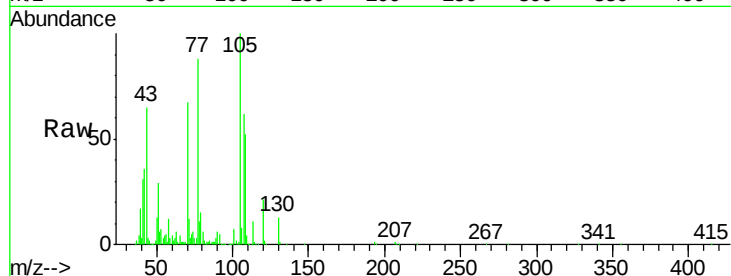




#19
n-Nitroso-di-n-propylamine
Concen: 42.346 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

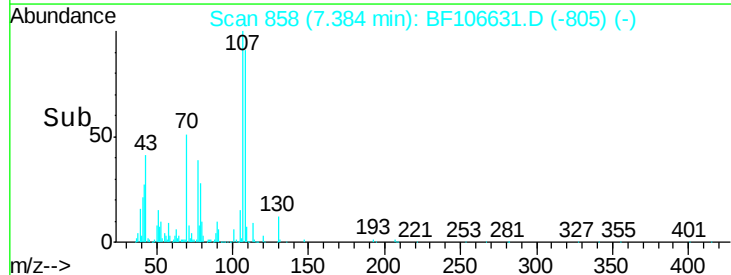
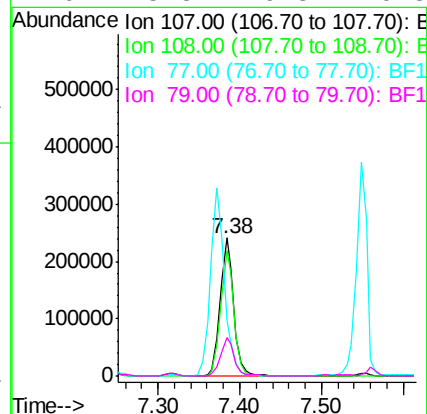
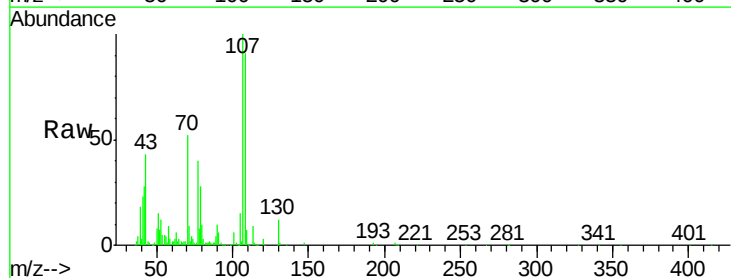
Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

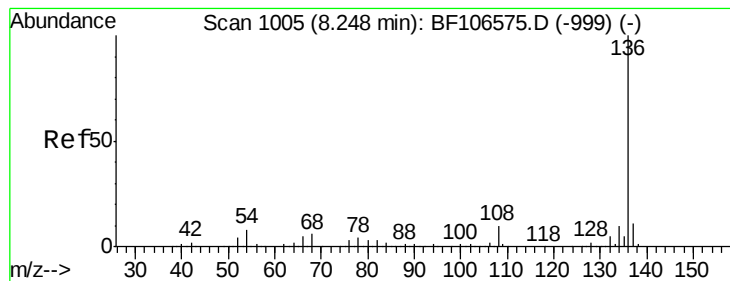
Tgt Ion: 70 Resp: 210092
Ion Ratio Lower Upper
70 100
42 54.3 47.5 71.3
101 10.4 7.4 11.2
130 18.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 46.095 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion: 107 Resp: 279576
Ion Ratio Lower Upper
107 100
108 90.9 68.2 108.2
77 39.6 26.7 66.7
79 28.3 6.3 46.3

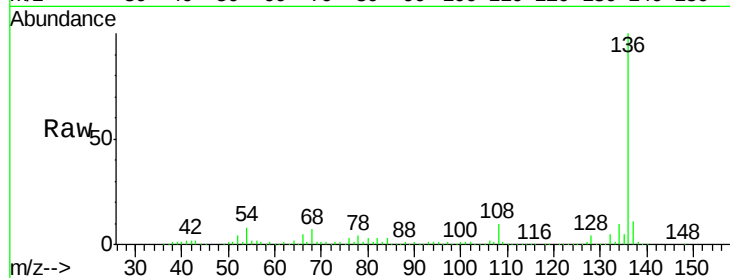




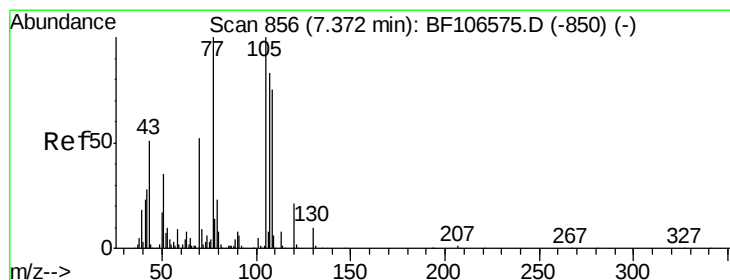
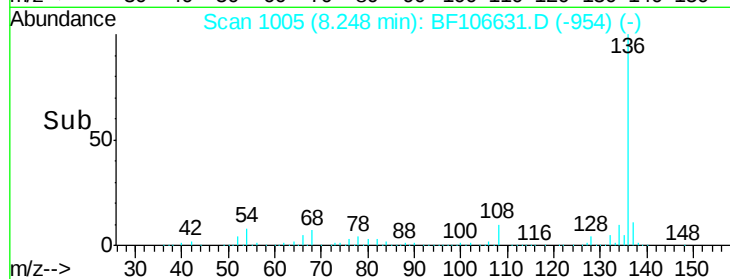
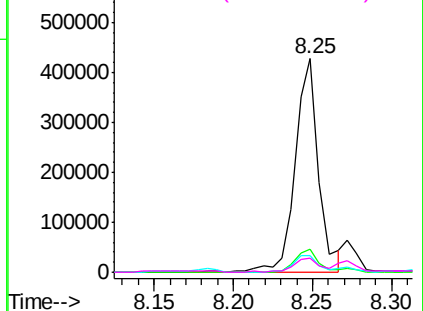
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tgt Ion:	136	Resp:	431881
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.6	9.8
68	6.7	5.0	7.4

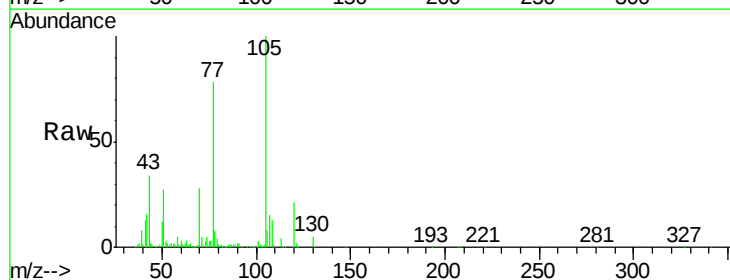


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

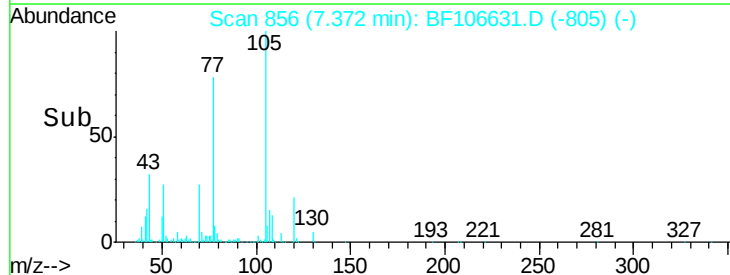
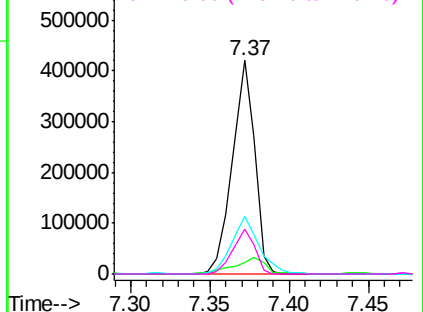


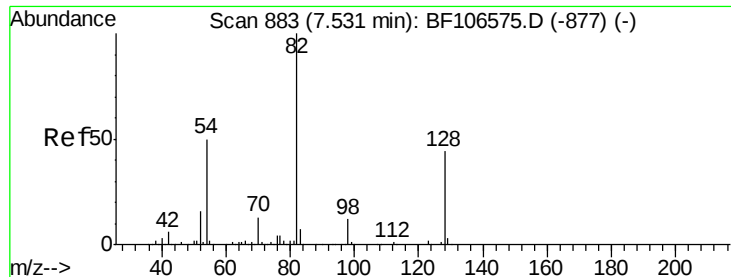
#22
Acetophenone
Concen: 42.581 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion:	105	Resp:	411433
Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.4	6.6
51	27.0	22.3	33.5
120	21.0	16.9	25.3



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

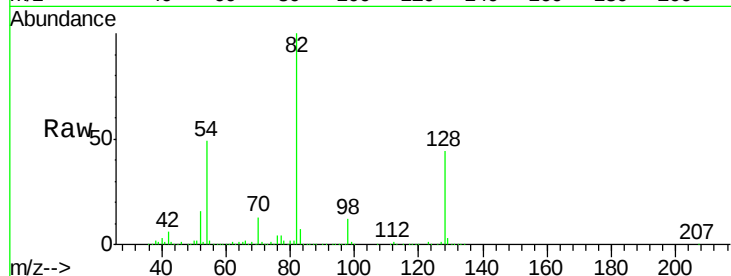




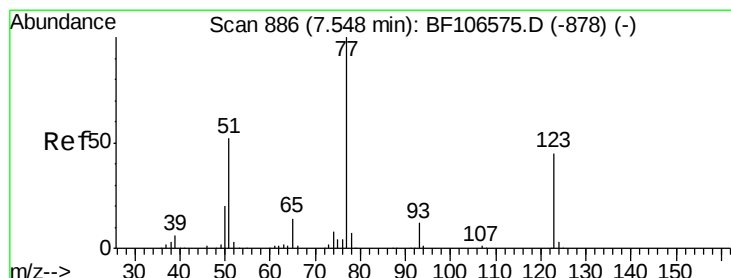
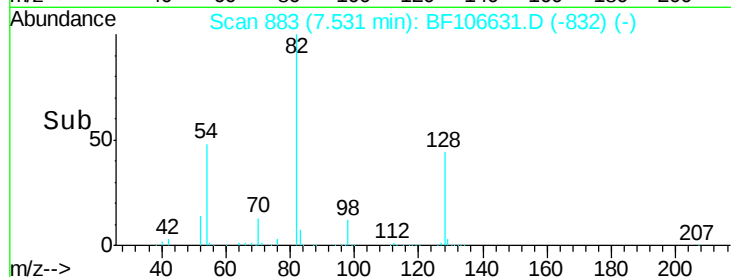
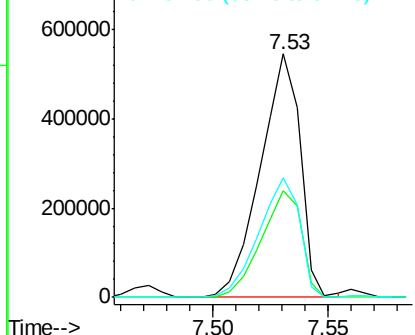
#23
 Nitrobenzene-d5
 Concen: 84.093 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tgt Ion: 82 Resp: 653514
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.1 54.1
 54 49.2 41.4 62.2

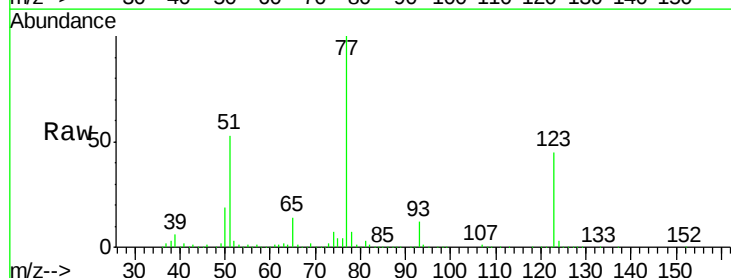


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

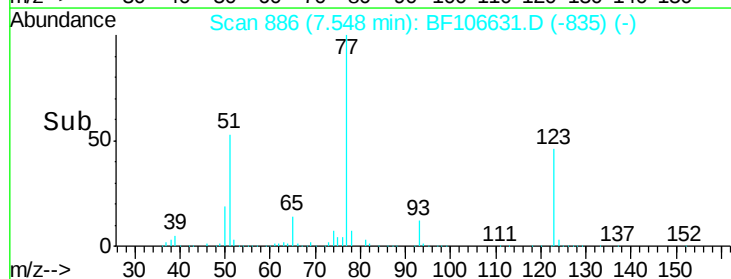
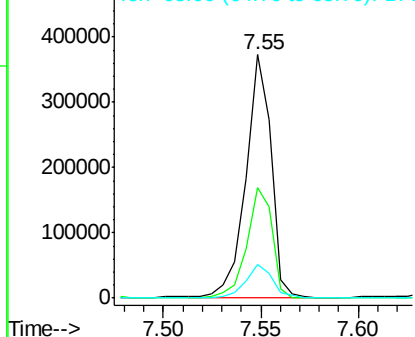


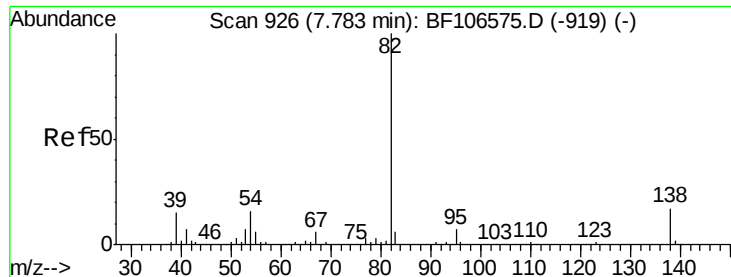
#24
 Nitrobenzene
 Concen: 41.537 ng
 RT: 7.55 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion: 77 Resp: 329565
 Ion Ratio Lower Upper
 77 100
 123 45.3 37.9 56.9
 65 13.8 11.0 16.4



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





#25

Isophorone

Concen: 45.216 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

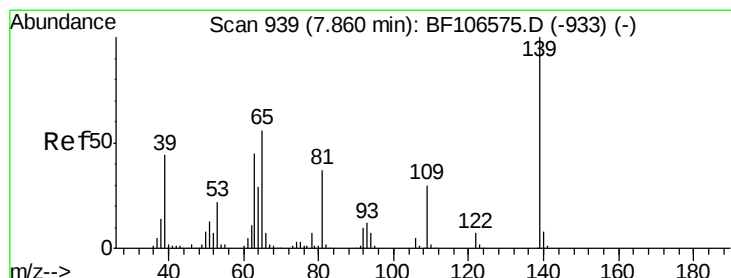
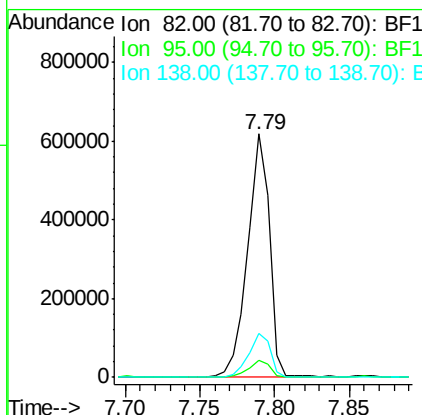
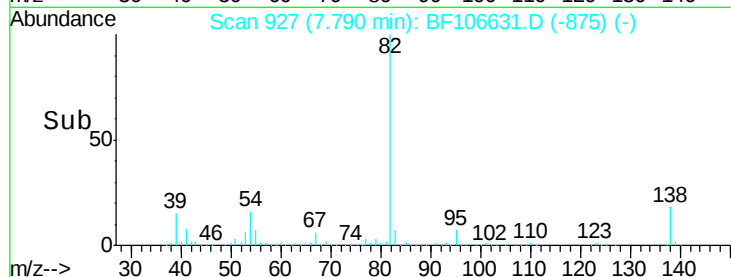
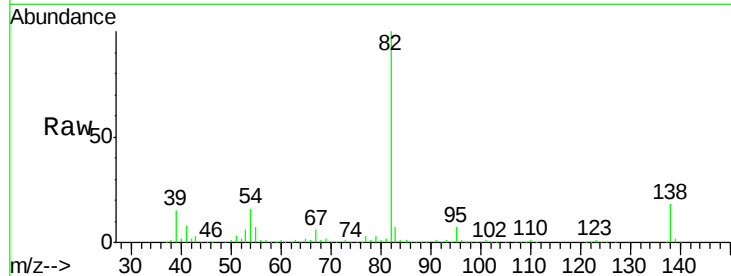
Tgt Ion: 82 Resp: 619201

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 44.313 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

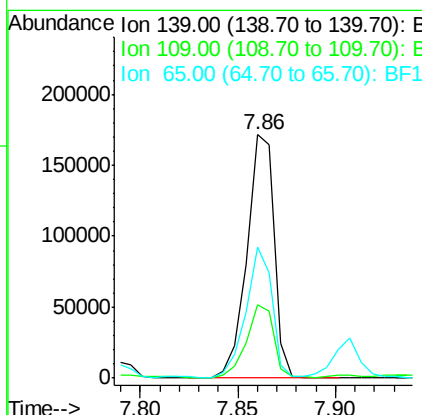
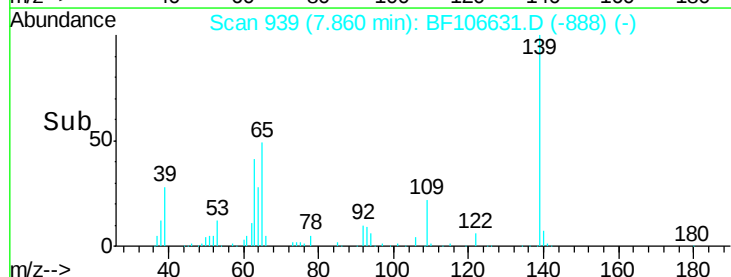
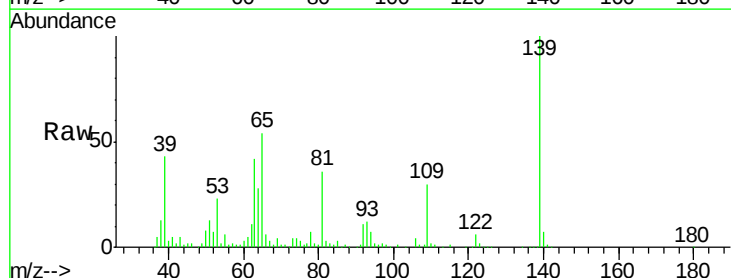
Tgt Ion: 139 Resp: 165975

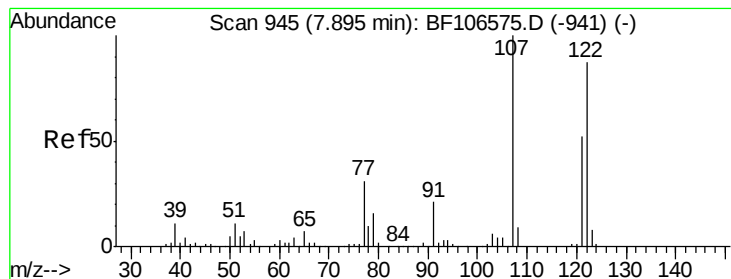
Ion Ratio Lower Upper

139 100

109 30.3 22.7 34.1

65 53.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.224 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

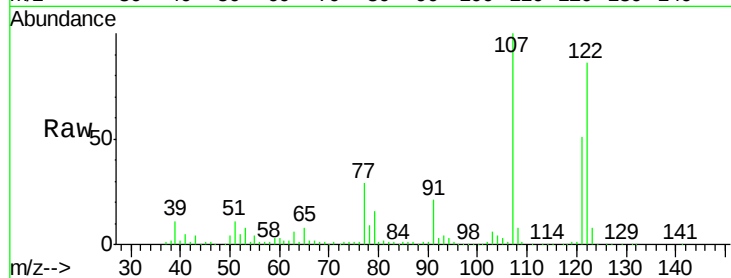
Tgt Ion:122 Resp: 261815

Ion Ratio Lower Upper

122 100

107 116.1 91.2 136.8

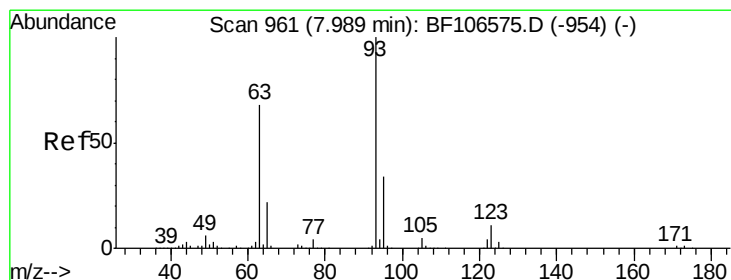
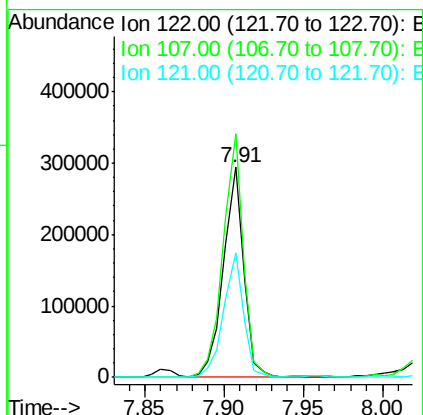
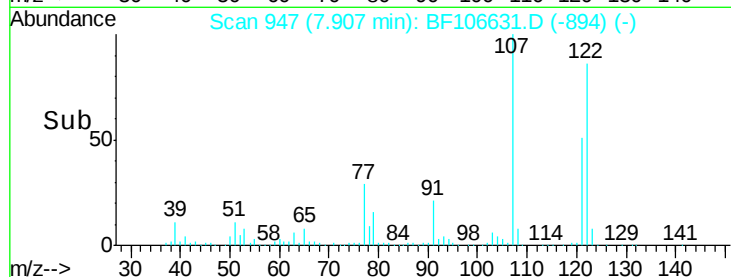
121 59.1 47.2 70.8



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: 41.140 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

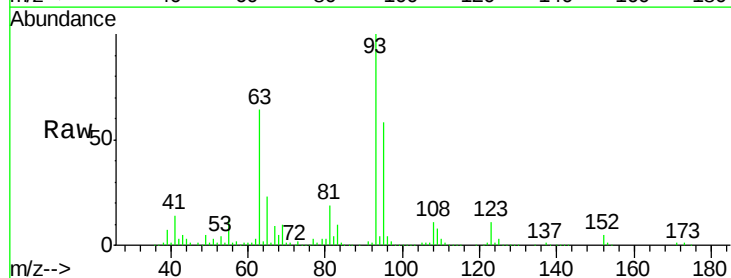
Tgt Ion: 93 Resp: 378266

Ion Ratio Lower Upper

93 100

95 58.3 26.3 39.5#

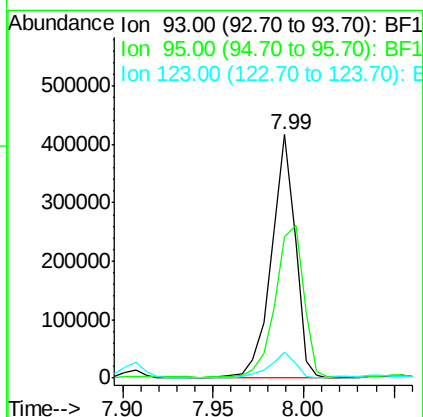
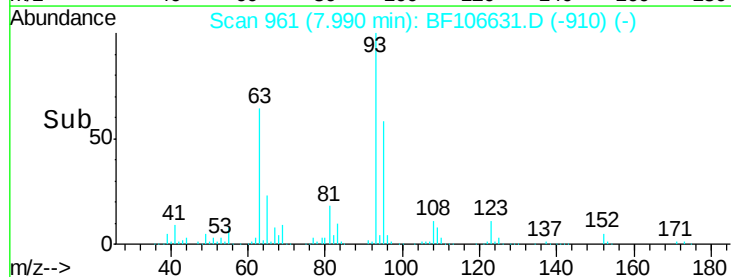
123 10.7 9.8 14.6

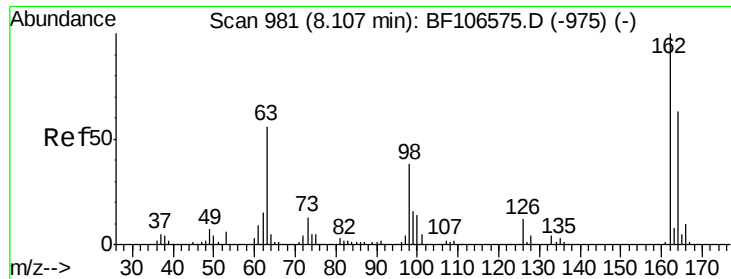


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

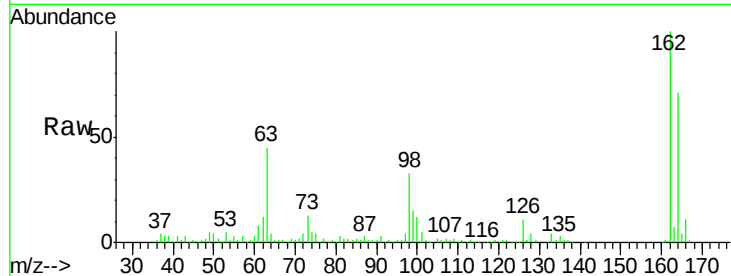




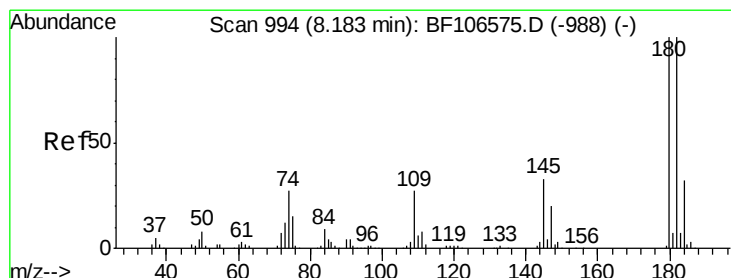
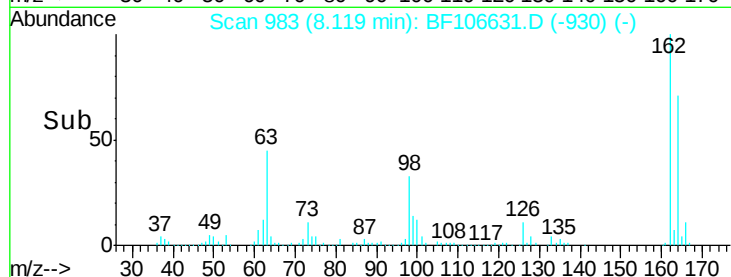
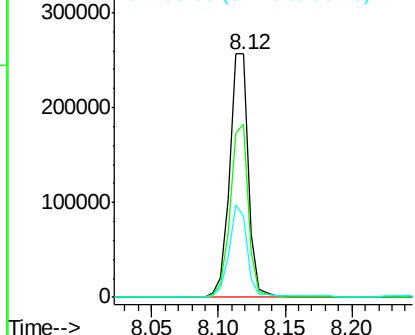
#29
 2,4-Dichlorophenol
 Concen: 42.353 ng
 RT: 8.12 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	71.1	42.7	82.7
98	33.3	18.1	58.1

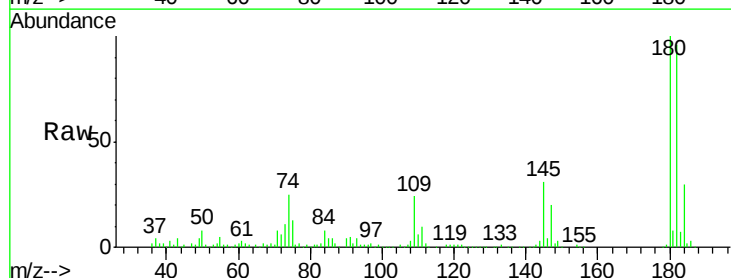


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

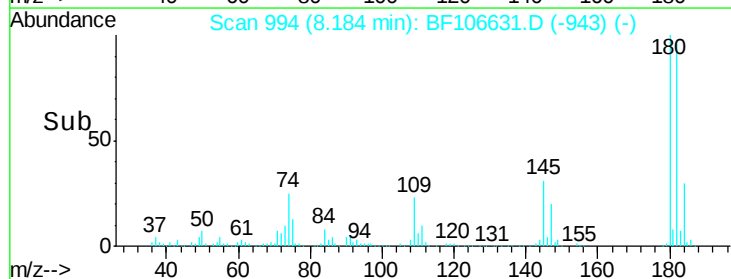
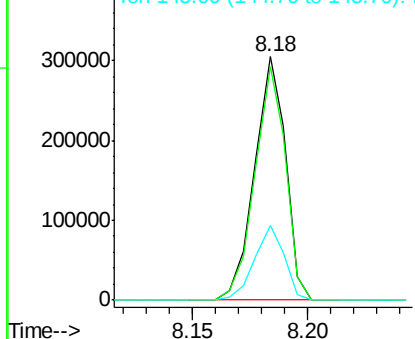


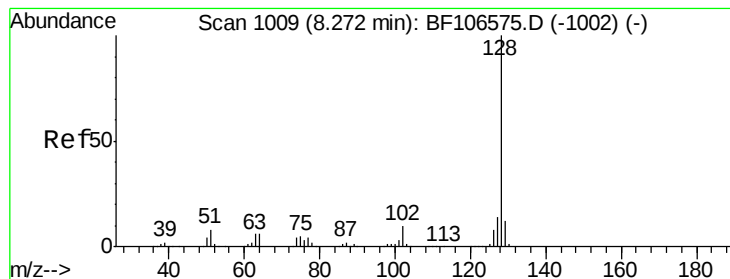
#30
 1,2,4-Trichlorobenzene
 Concen: 42.857 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.8	115.2
145	30.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.969 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

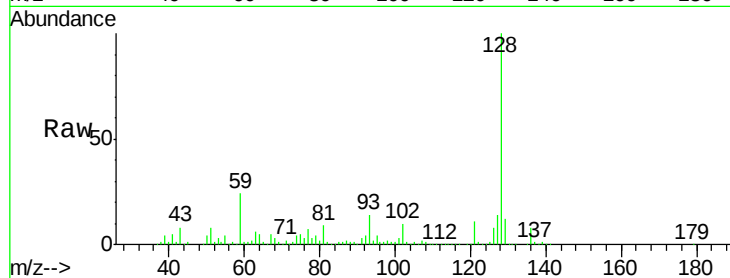
Tgt Ion:128 Resp: 766663

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

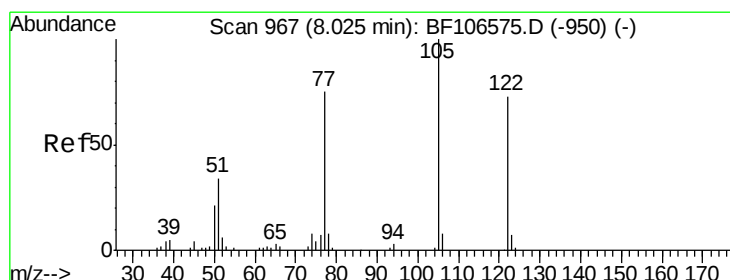
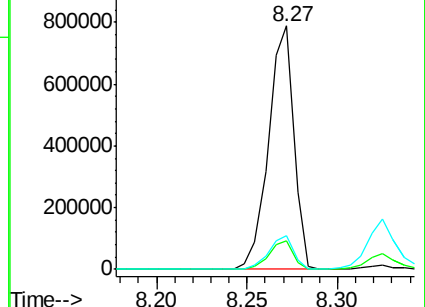
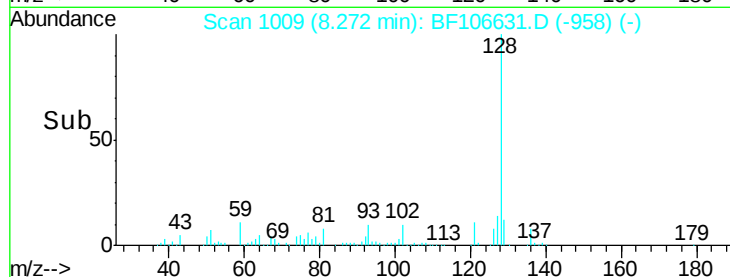
127 13.9 10.9 16.3



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: 39.886 ng

RT: 8.10 min Scan# 980

Delta R.T. 0.08 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

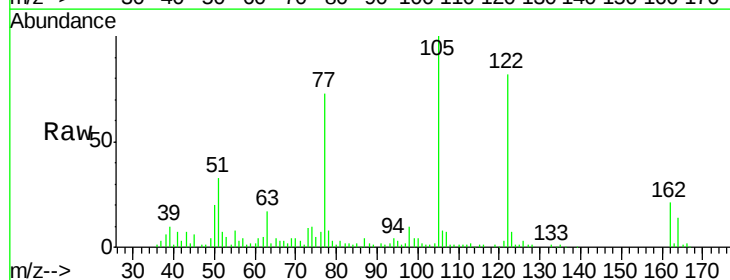
Tgt Ion:122 Resp: 163330

Ion Ratio Lower Upper

122 100

105 122.5 101.1 141.1

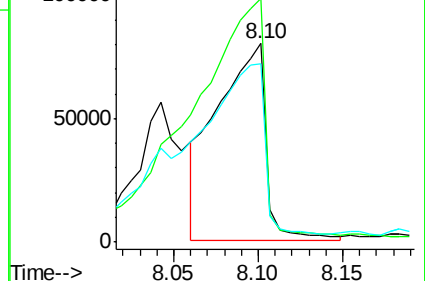
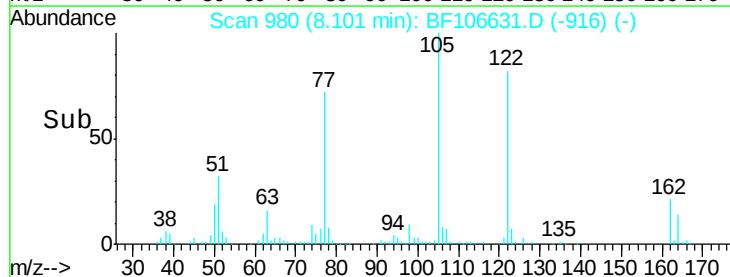
77 89.6 70.7 110.7

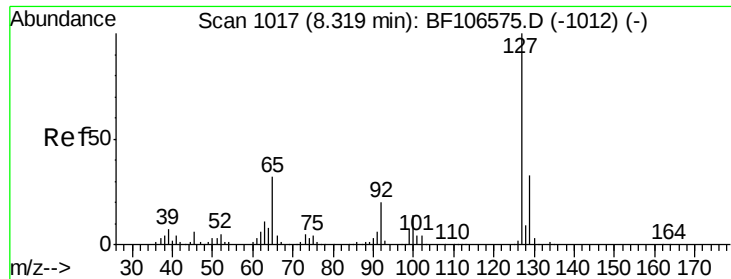


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

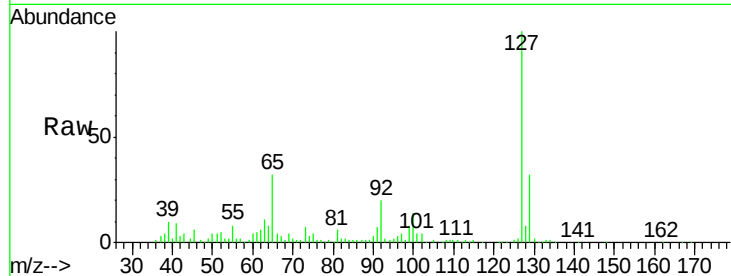




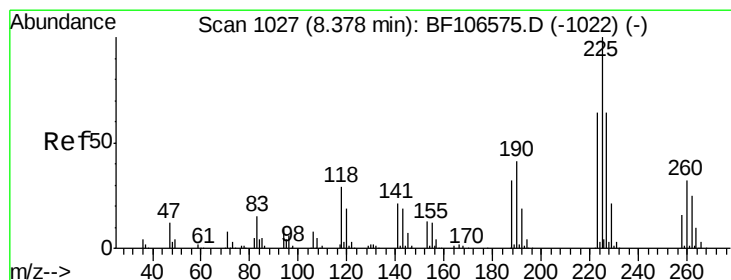
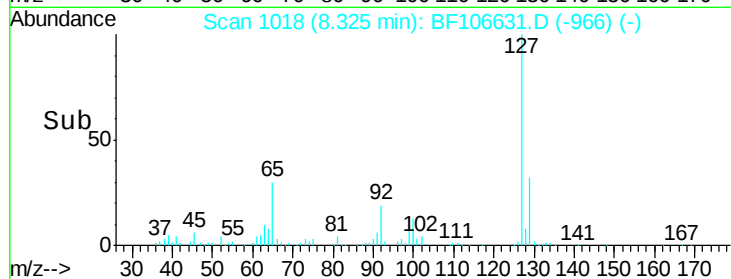
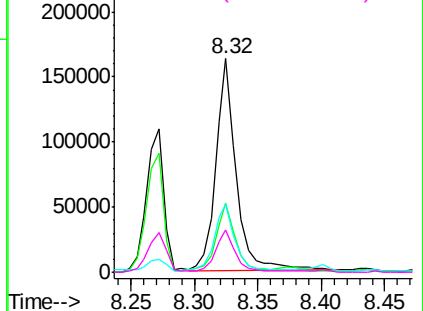
#33
 4-Chloroaniline
 Concen: 21.878 ng
 RT: 8.32 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tgt Ion:	127	Resp:	185362
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.8	25.0	37.4
92	19.6	15.2	22.8

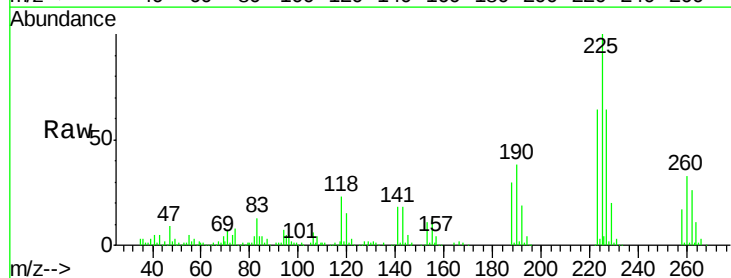


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

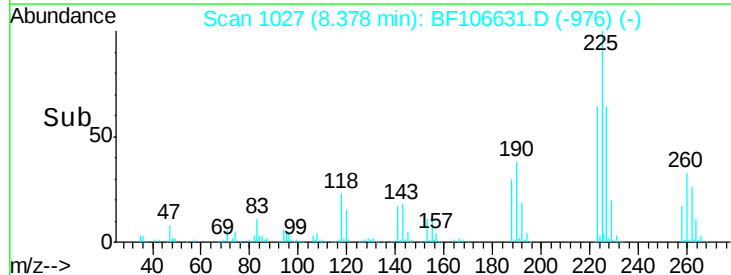
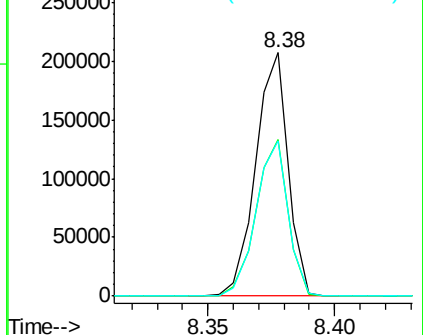


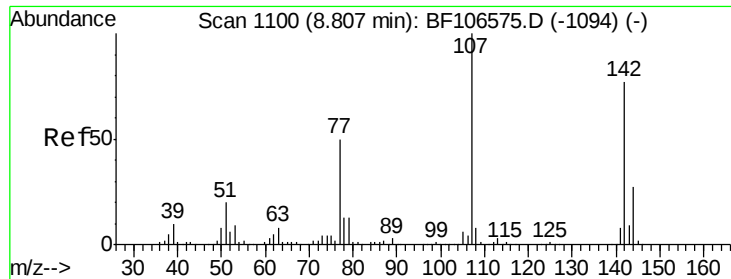
#34
 Hexachlorobutadiene
 Concen: 42.330 ng
 RT: 8.38 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion:	225	Resp:	184163
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	64.0	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

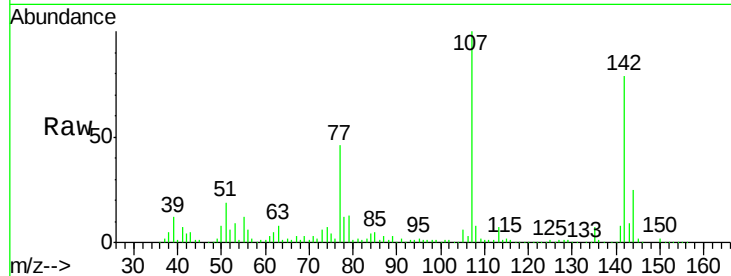




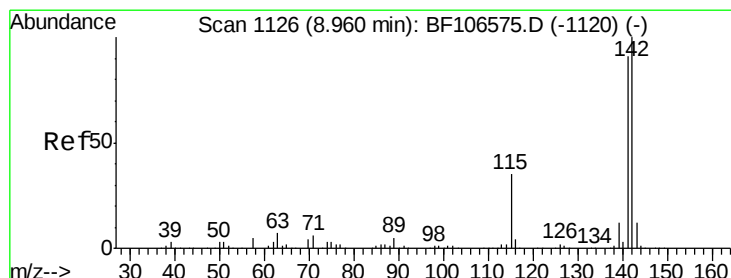
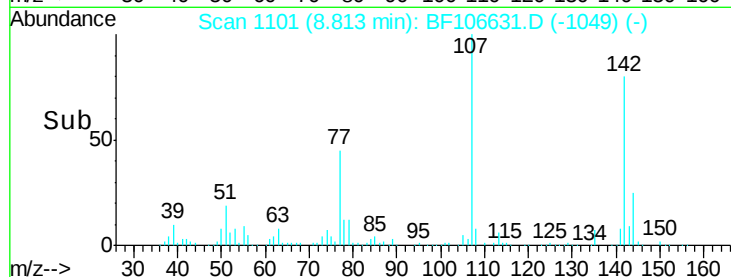
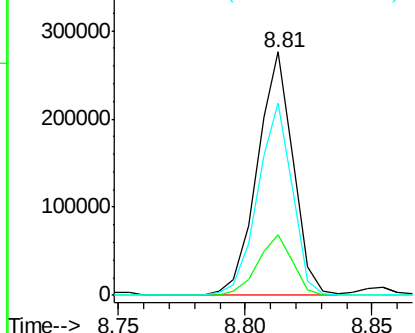
#36
 4-Chloro-3-methylphenol
 Concen: 42.312 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tgt Ion:107 Resp: 269935
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 79.0 62.0 93.0

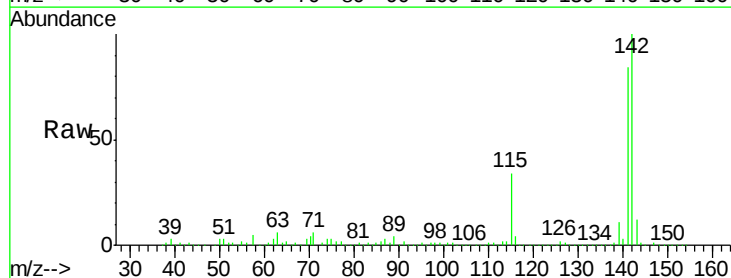


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

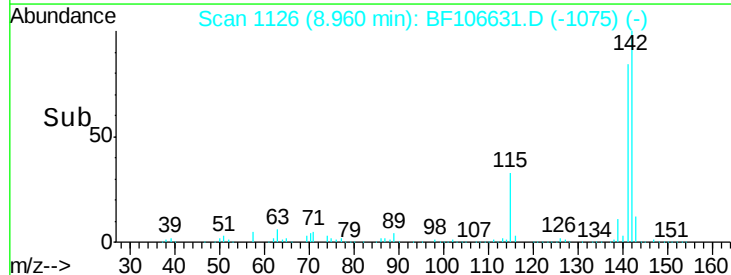
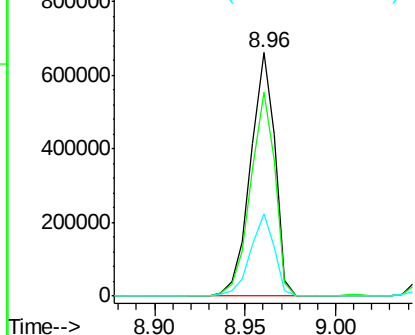


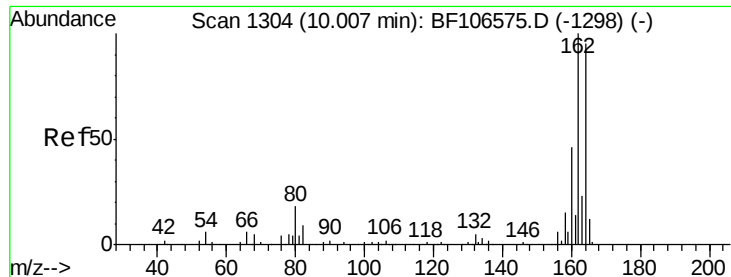
#37
 2-Methylnaphthalene
 Concen: 46.225 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion:142 Resp: 618661
 Ion Ratio Lower Upper
 142 100
 141 84.0 70.8 106.2
 115 33.8 26.1 39.1



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

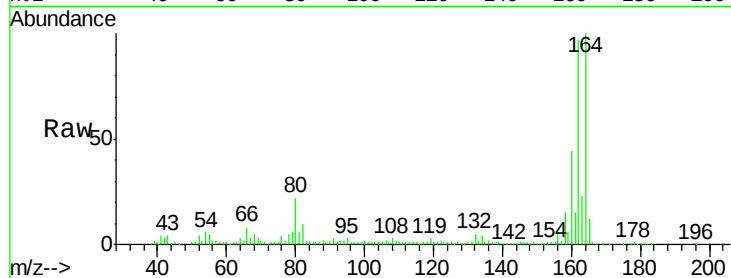
Tgt Ion:164 Resp: 216109

Ion Ratio Lower Upper

164 100

162 96.7 86.1 129.1

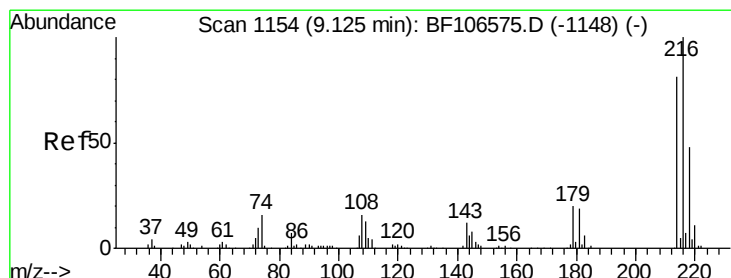
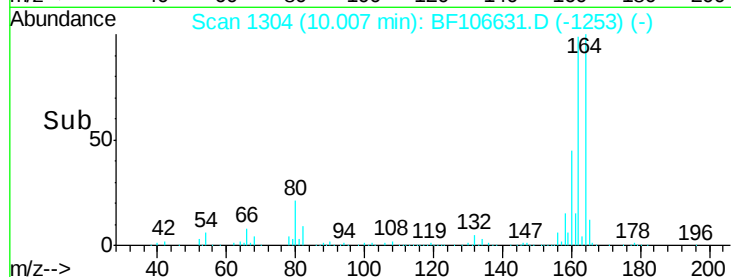
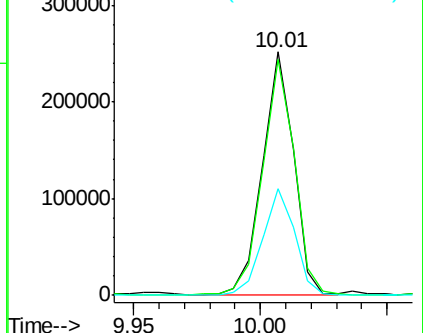
160 44.0 38.3 57.5



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: 44.071 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Tgt Ion:216 Resp: 320746

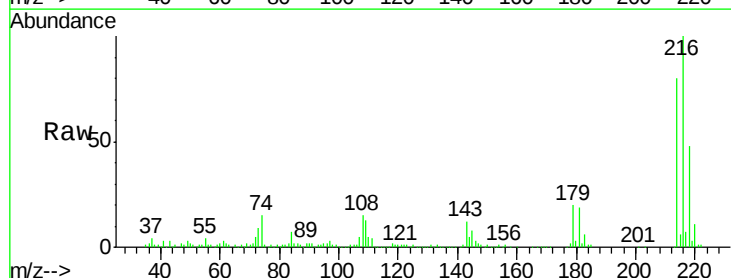
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 19.8 18.1 27.1

108 17.9 17.2 25.8

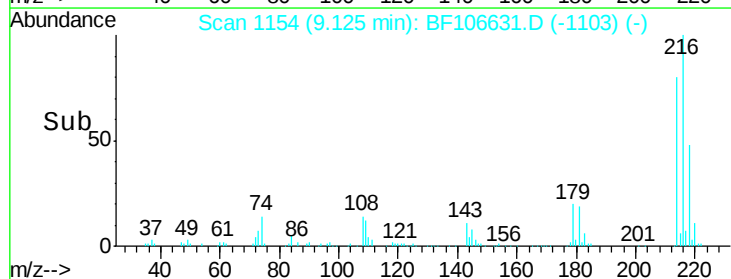
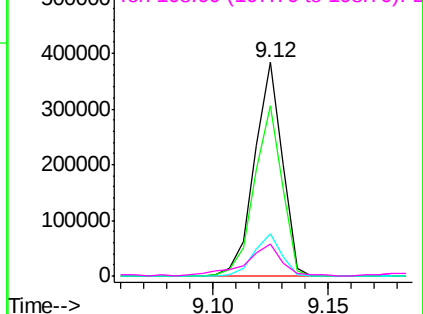


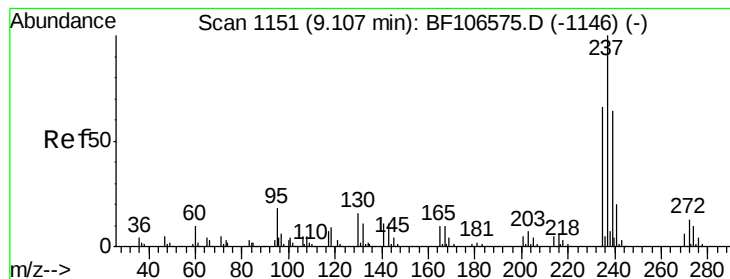
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 77.375 ng

RT: 9.11 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

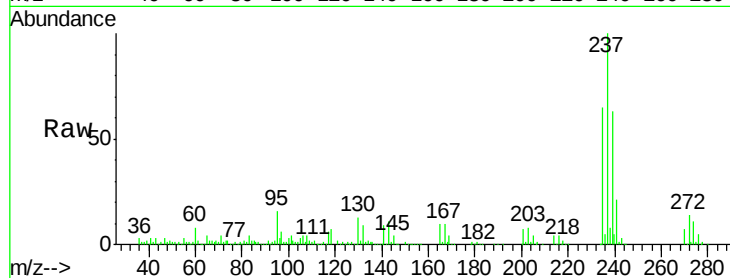
Tgt Ion:237 Resp: 289725

Ion Ratio Lower Upper

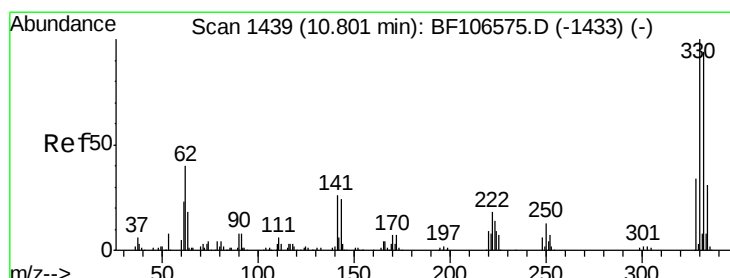
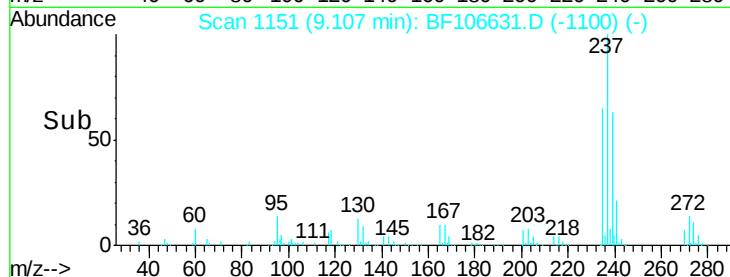
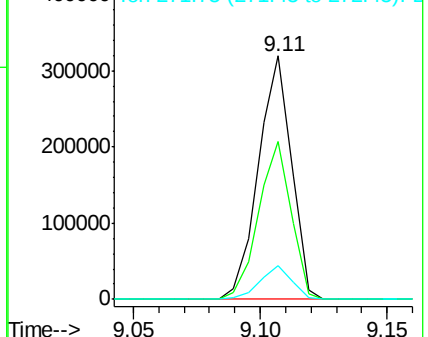
237 100

235 64.9 44.8 84.8

272 14.0 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: 133.604 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

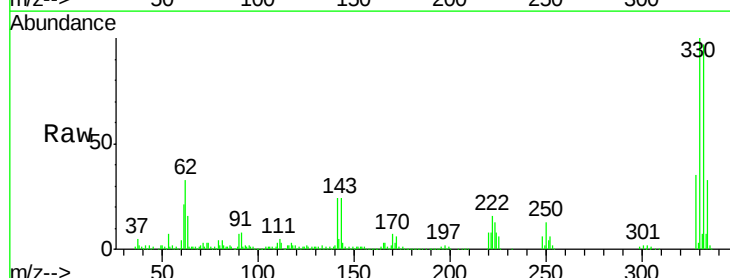
Tgt Ion:330 Resp: 334647

Ion Ratio Lower Upper

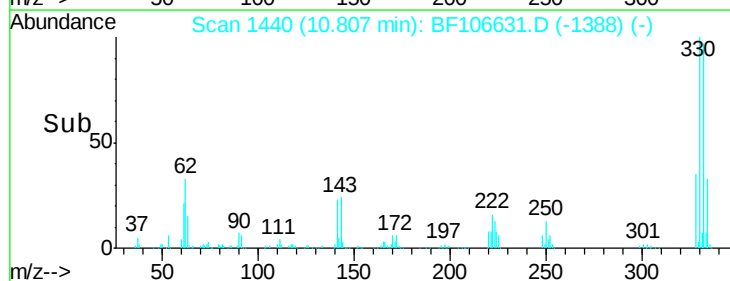
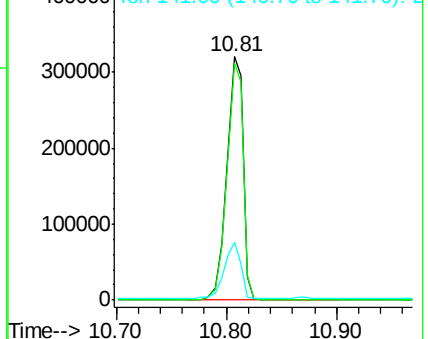
330 100

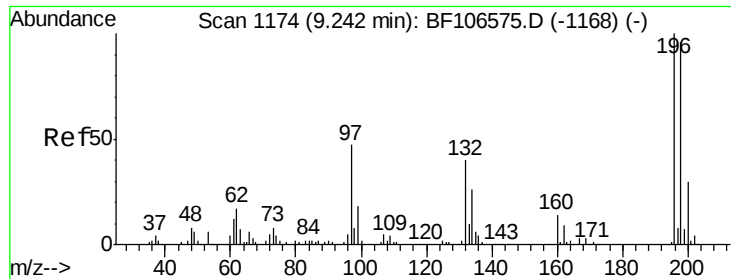
332 96.9 77.0 115.6

141 23.0 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

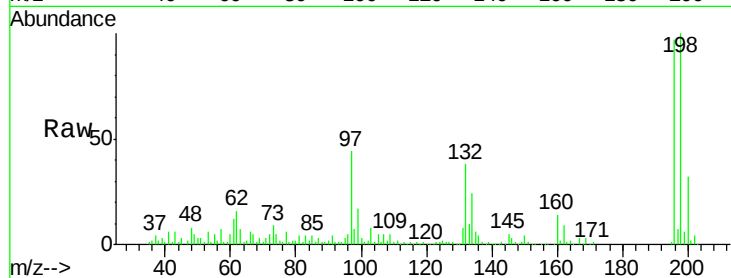




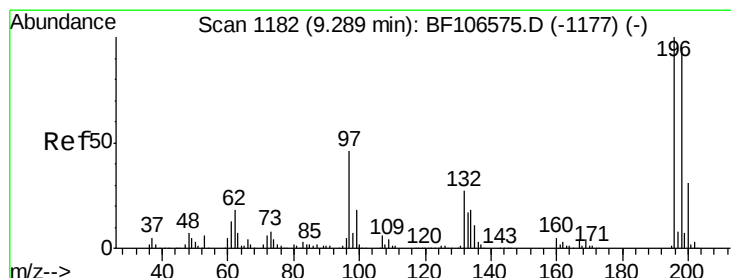
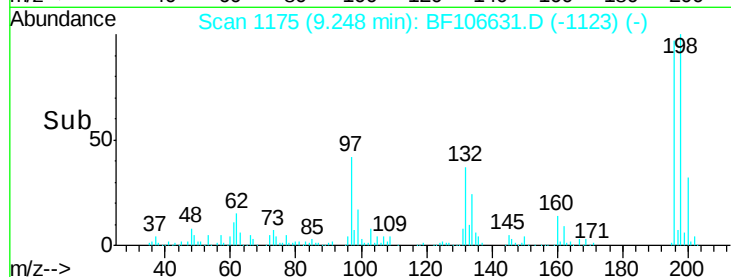
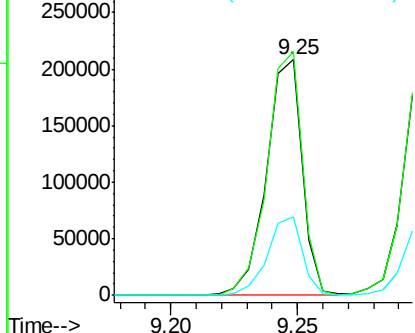
#42
 2,4,6-Trichlorophenol
 Concen: 42.023 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tgt Ion:196 Resp: 203297
 Ion Ratio Lower Upper
 196 100
 198 103.4 75.7 113.5
 200 33.4 24.5 36.7



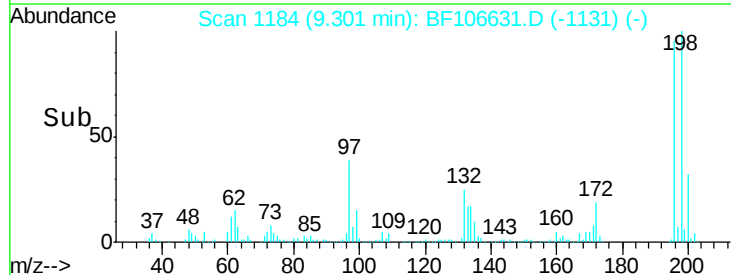
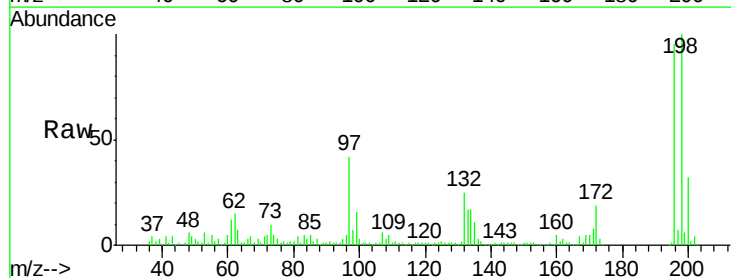
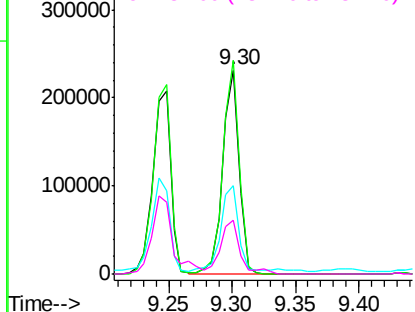
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

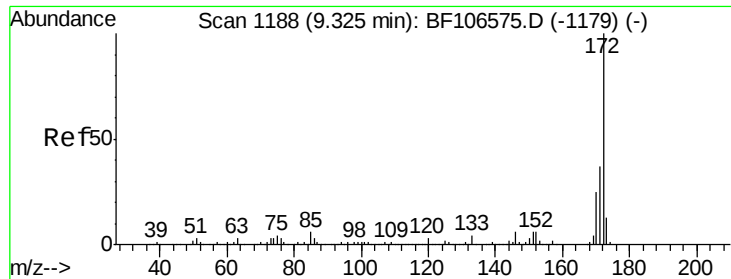


#43
 2,4,5-Trichlorophenol
 Concen: 41.804 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion:196 Resp: 211026
 Ion Ratio Lower Upper
 196 100
 198 104.8 74.6 112.0
 97 43.7 42.9 64.3
 132 26.4 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

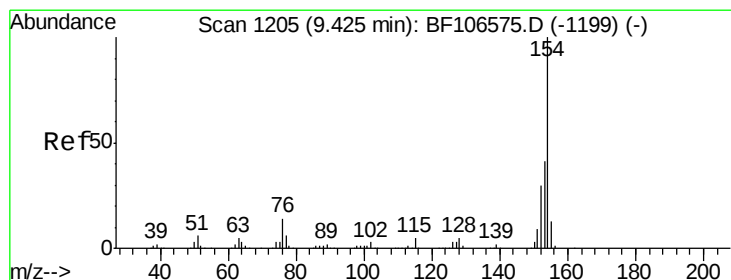
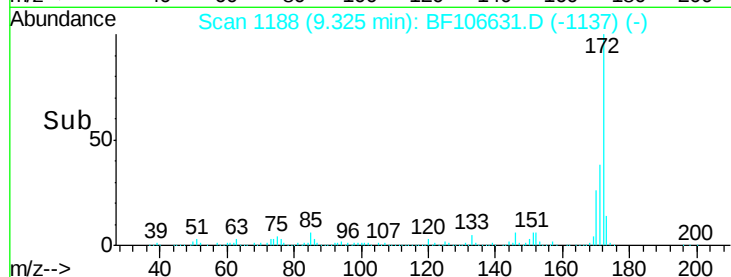
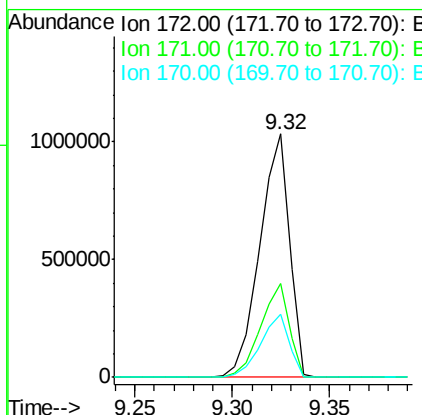
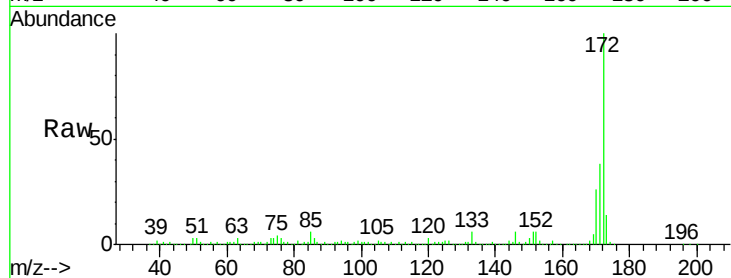




#44
 2-Fluorobiphenyl
 Concen: 85.169 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

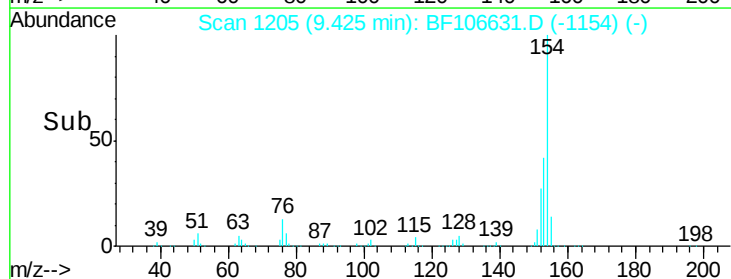
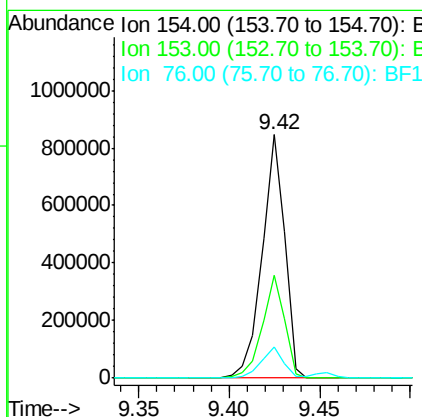
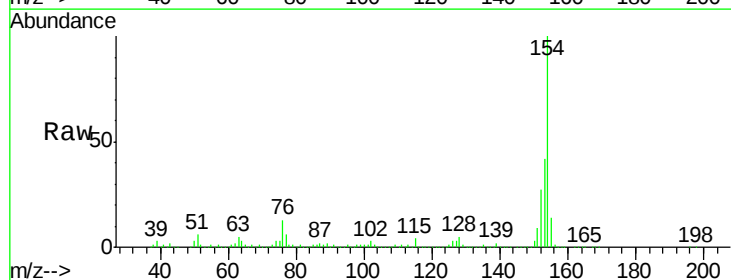
Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

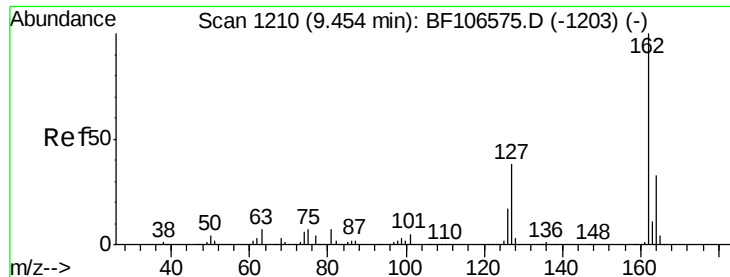
Tgt Ion:172 Resp: 1087039
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.7 44.5
 170 25.9 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 42.473 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion:154 Resp: 731513
 Ion Ratio Lower Upper
 154 100
 153 42.1 21.3 61.3
 76 12.6 0.0 34.0

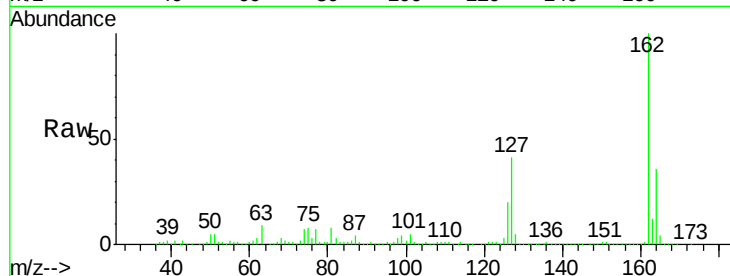




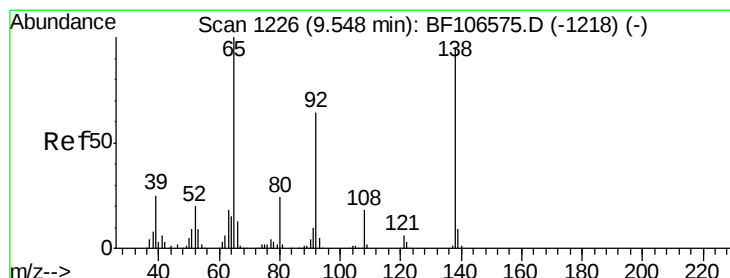
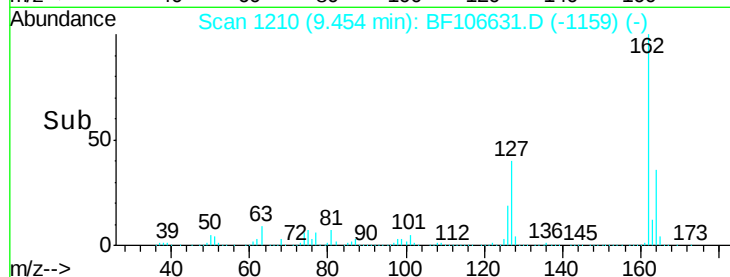
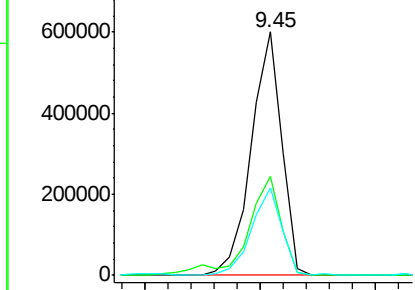
#46
2-Chloronaphthalene
Concen: 40.588 ng
RT: 9.45 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tgt Ion: 162 Resp: 550241
Ion Ratio Lower Upper
162 100
127 40.6 33.9 50.9
164 35.8 26.5 39.7

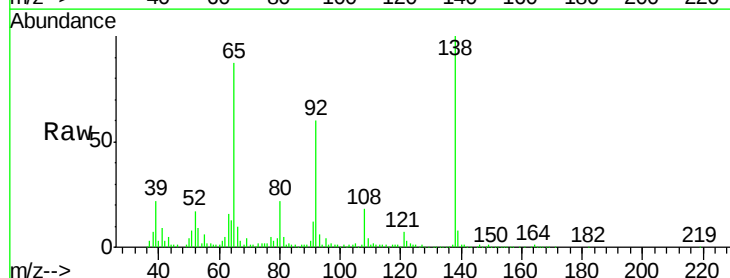


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

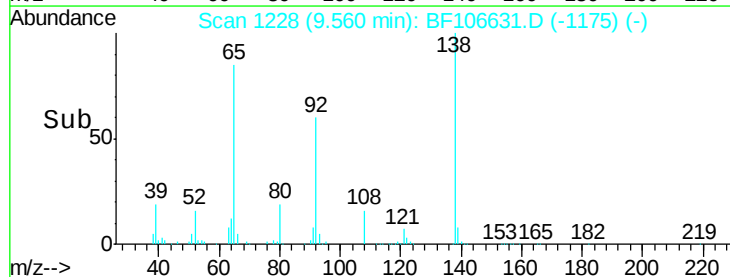
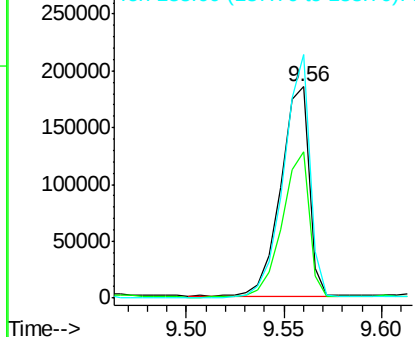


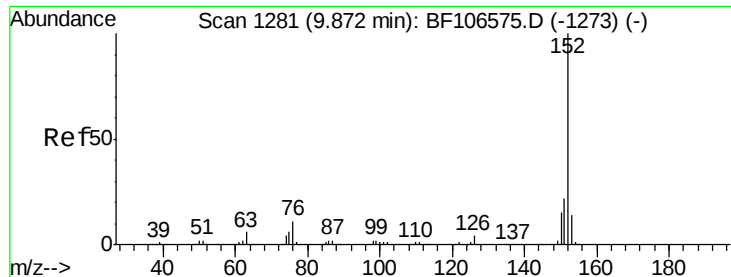
#47
2-Nitroaniline
Concen: 40.800 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion: 65 Resp: 185995
Ion Ratio Lower Upper
65 100
92 69.3 55.8 83.6
138 115.3 91.2 136.8



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





#48

Acenaphthylene

Concen: 39.988 ng

RT: 9.87 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

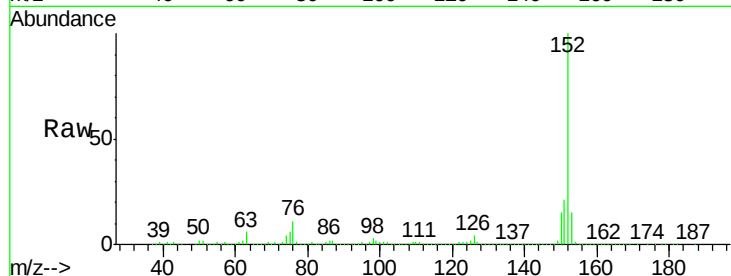
Tgt Ion:152 Resp: 855892

Ion Ratio Lower Upper

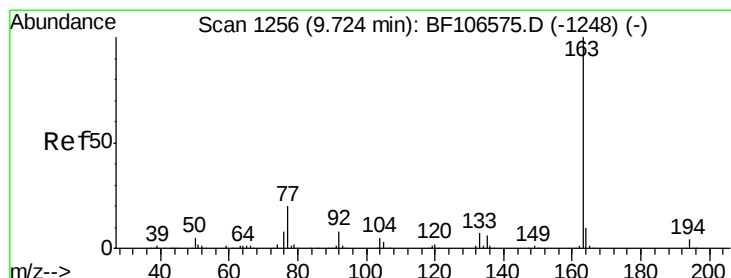
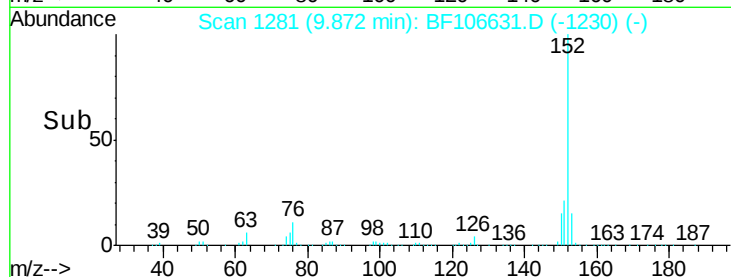
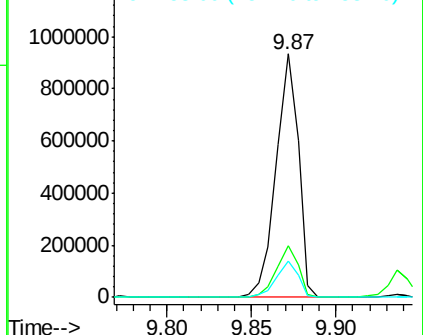
152 100

151 21.3 16.3 24.5

153 14.9 10.7 16.1



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



#49

Dimethylphthalate

Concen: 46.420 ng

RT: 9.73 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

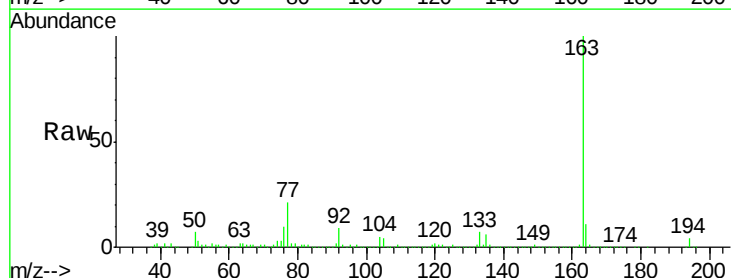
Tgt Ion:163 Resp: 752389

Ion Ratio Lower Upper

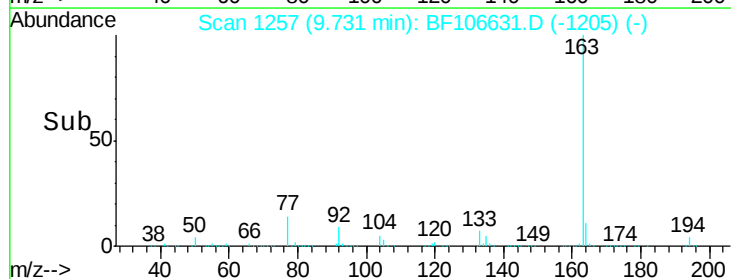
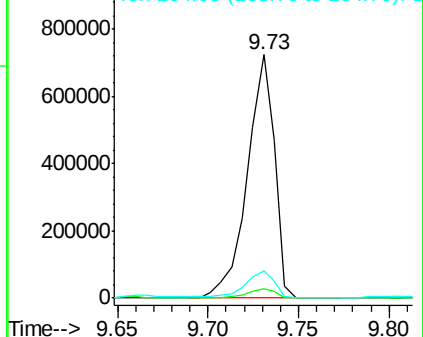
163 100

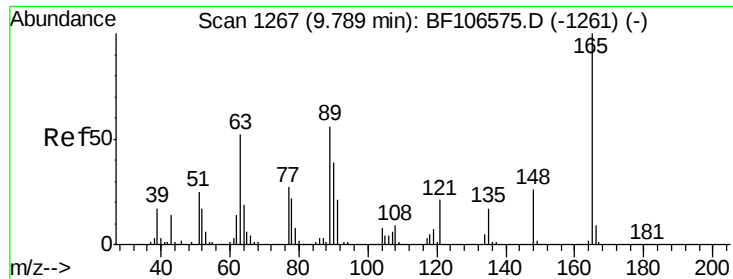
194 4.0 2.7 4.1

164 11.4 8.2 12.2



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

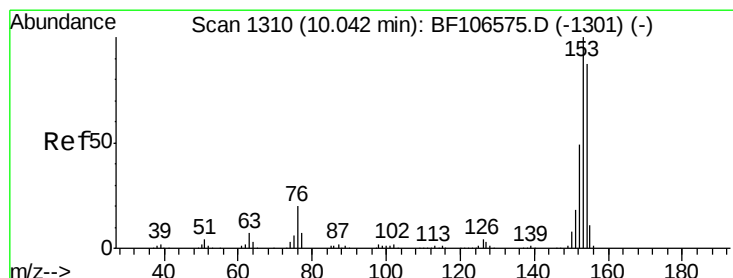
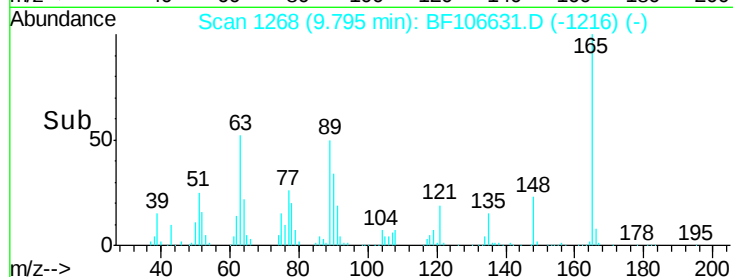
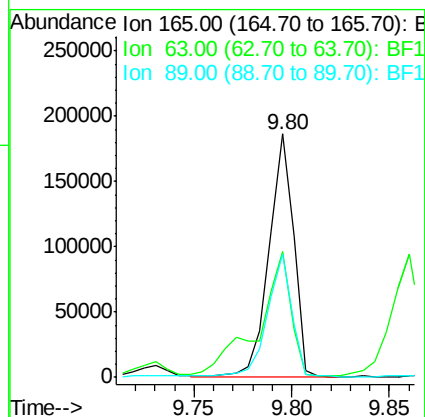
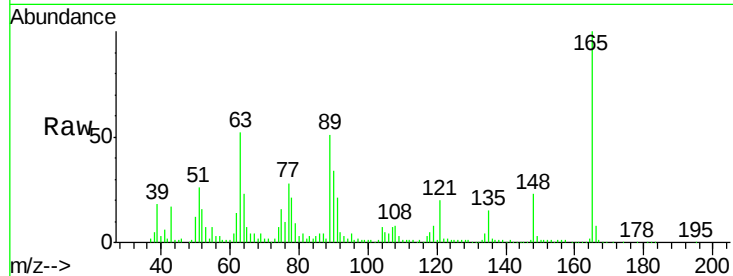




#50
2,6-Dinitrotoluene
Concen: 46.996 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

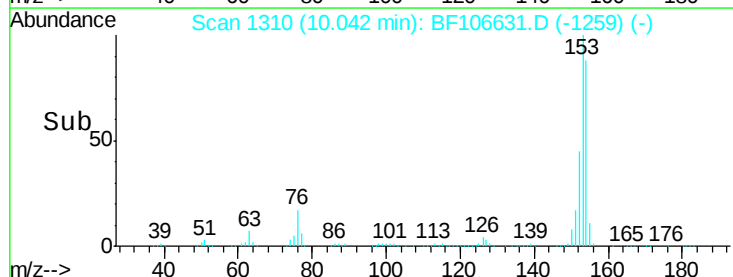
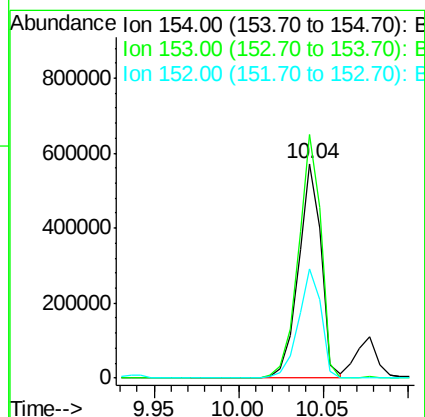
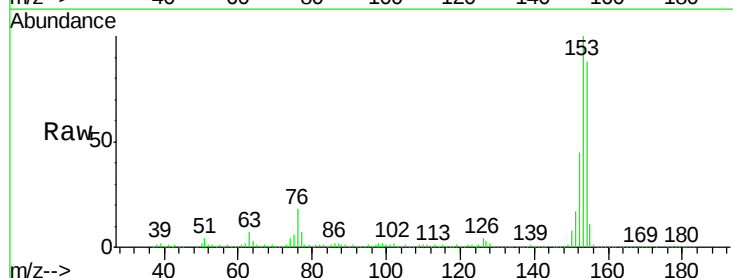
Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

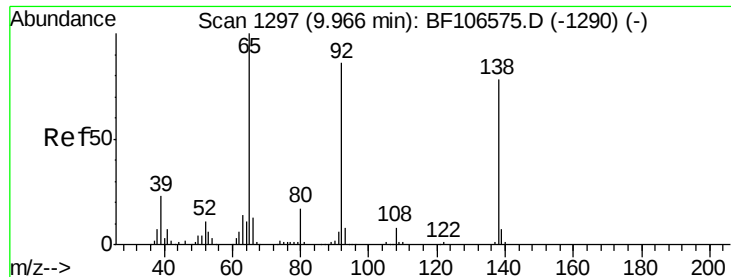
Tgt Ion:165 Resp: 161300
Ion Ratio Lower Upper
165 100
63 51.9 44.7 67.1
89 50.6 44.0 66.0



#51
Acenaphthene
Concen: 39.434 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion:154 Resp: 531487
Ion Ratio Lower Upper
154 100
153 113.6 91.2 136.8
152 50.9 43.8 65.8





#52

3-Nitroaniline

Concen: 21.883 ng

RT: 9.97 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

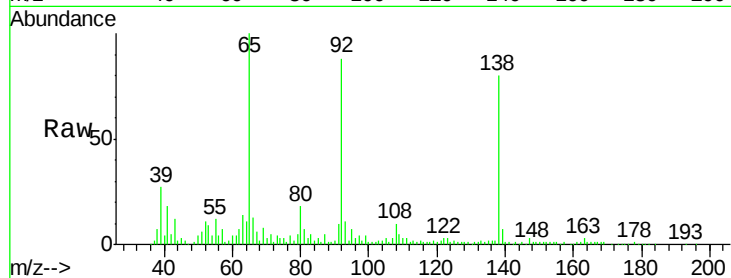
Tgt Ion:138 Resp: 86426

Ion Ratio Lower Upper

138 100

108 12.4 9.4 14.0

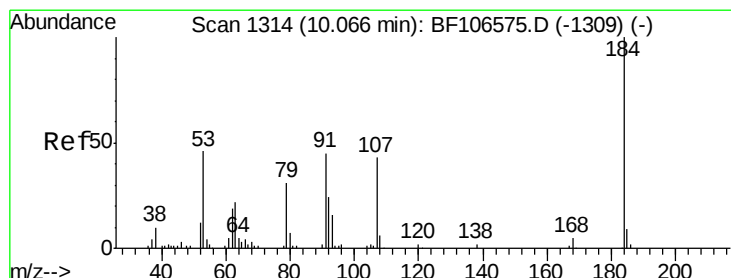
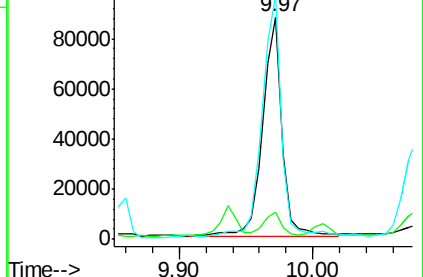
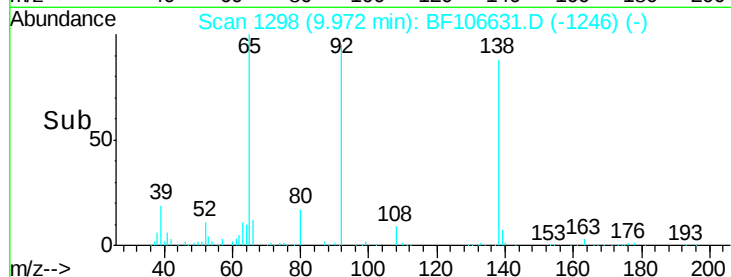
92 109.8 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 92.632 ng

RT: 10.08 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

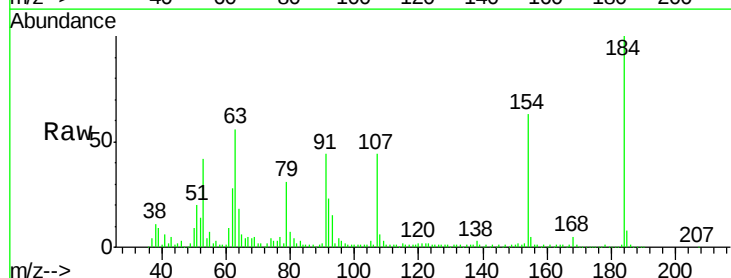
Tgt Ion:184 Resp: 166917

Ion Ratio Lower Upper

184 100

63 56.0 54.2 81.2

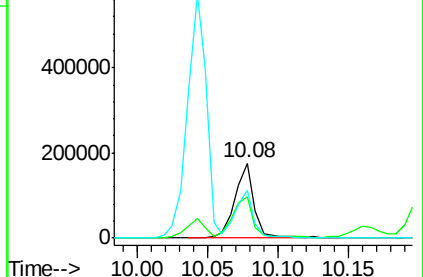
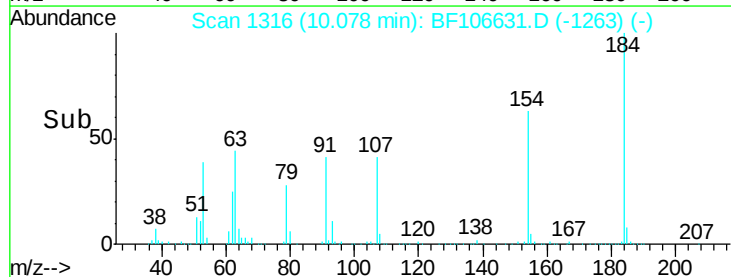
154 63.5 184.0 276.0#

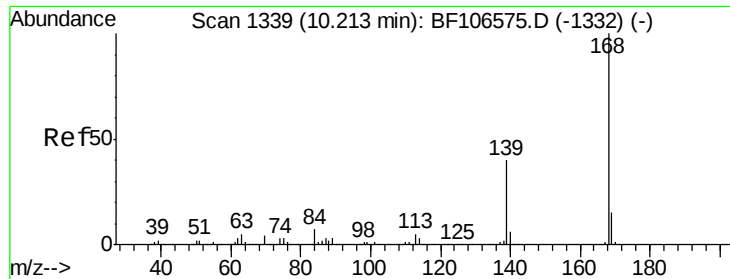


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 43.841 ng

RT: 10.22 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

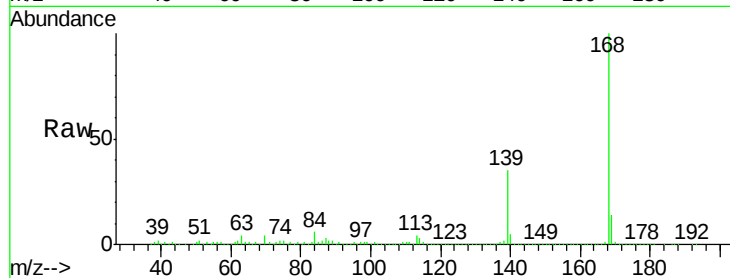
Tgt Ion:168 Resp: 809108

Ion Ratio Lower Upper

168 100

139 34.6 30.1 45.1

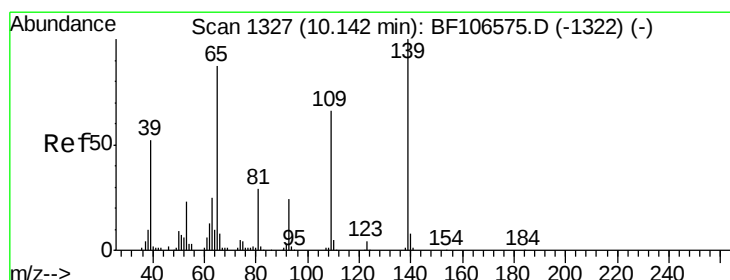
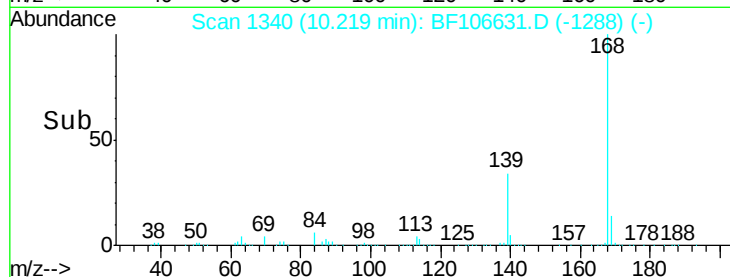
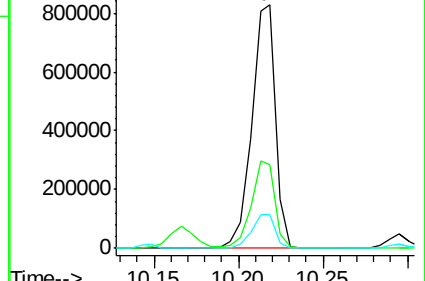
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 27.799 ng

RT: 10.17 min Scan# 1331

Delta R.T. 0.02 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

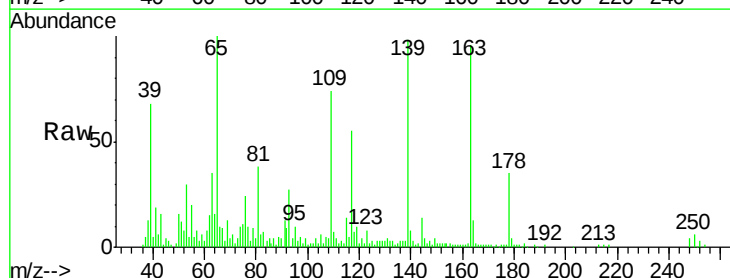
Tgt Ion:139 Resp: 76638

Ion Ratio Lower Upper

139 100

109 75.2 48.4 88.4

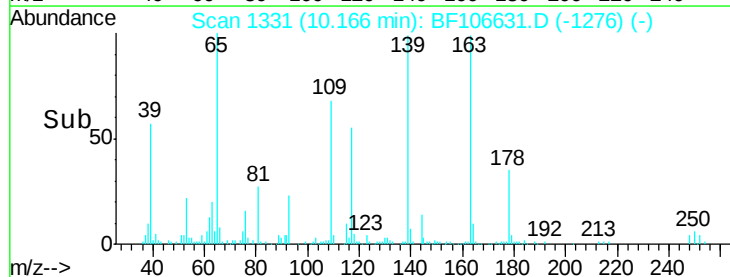
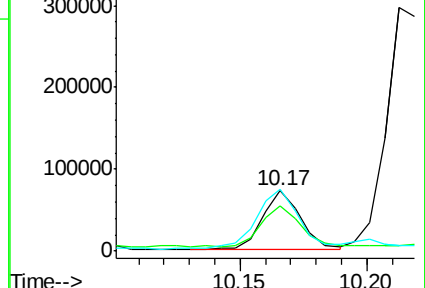
65 102.2 72.6 112.6

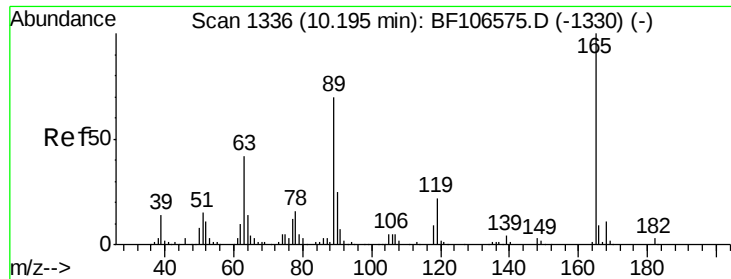


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

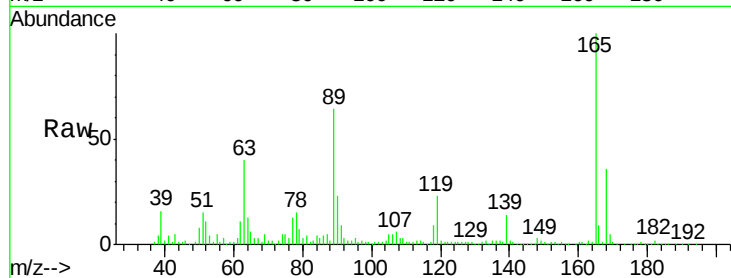




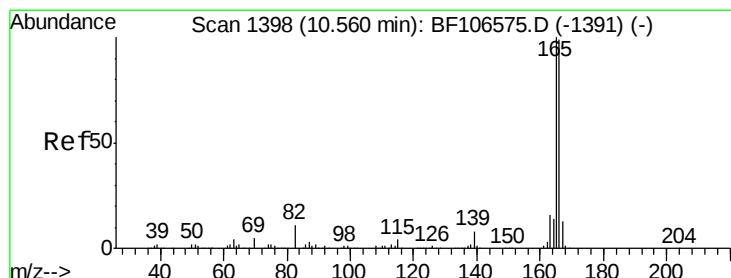
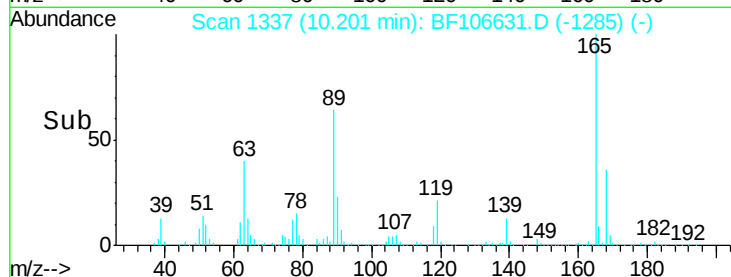
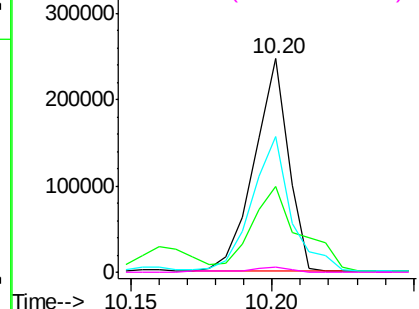
#56
2,4-Dinitrotoluene
Concen: 46.255 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tgt Ion:165 Resp: 207219
Ion Ratio Lower Upper
165 100
63 40.3 36.4 54.6
89 63.6 57.8 86.6
182 2.5 1.6 2.4#

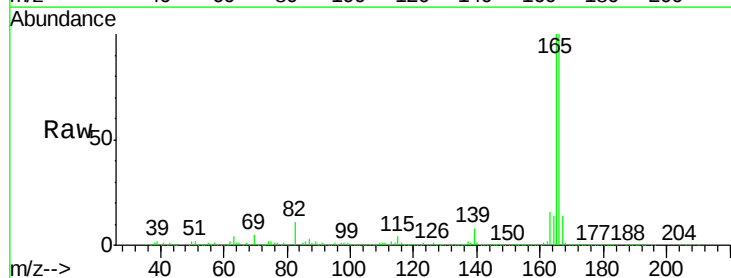


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

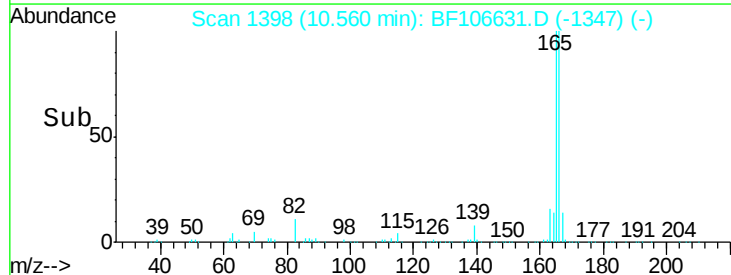
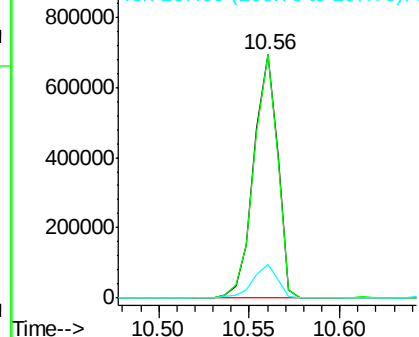


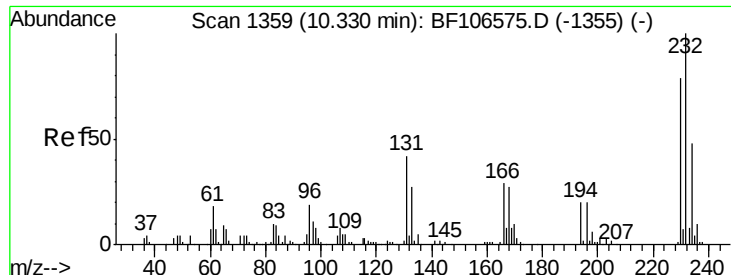
#57
Fluorene
Concen: 43.287 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion:166 Resp: 633946
Ion Ratio Lower Upper
166 100
165 99.9 79.8 119.8
167 14.1 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

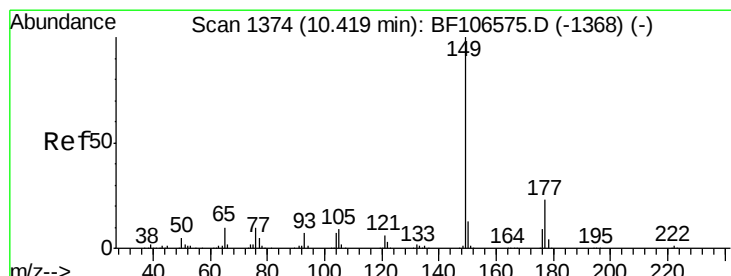
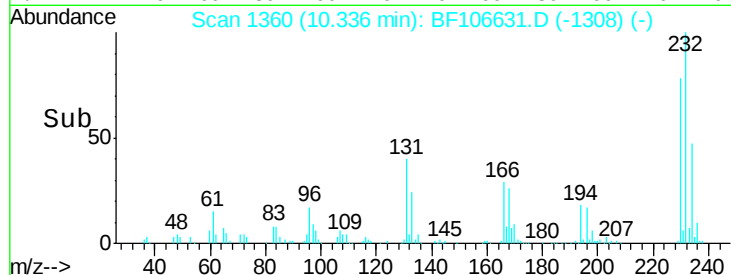
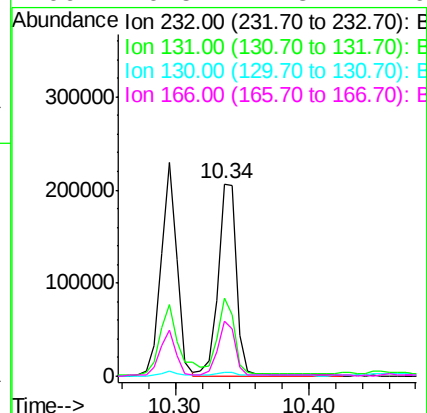
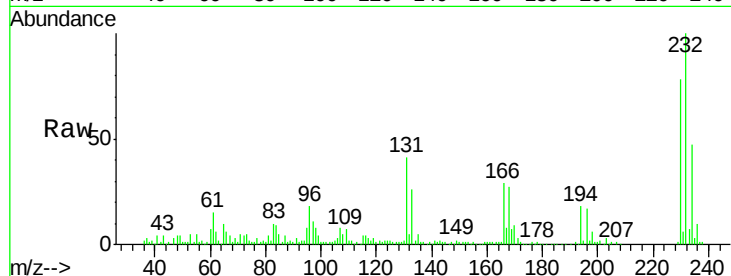




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.551 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

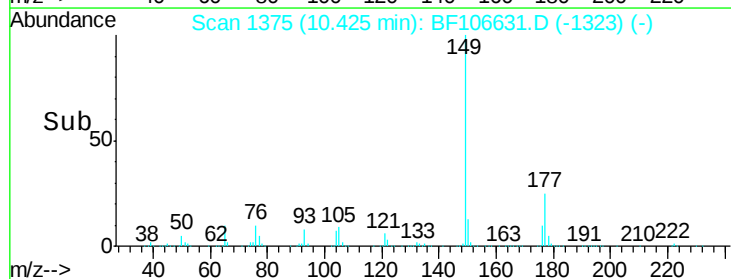
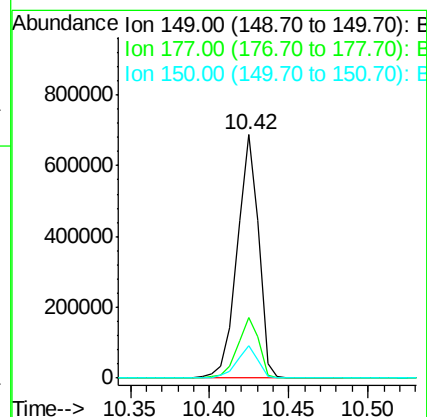
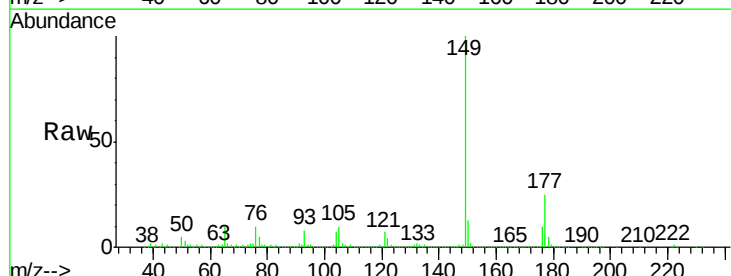
Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

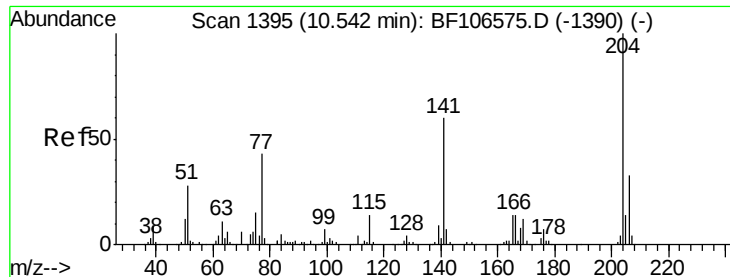
Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.2	43.8	65.8#
130	1.5	2.1	3.1#
166	26.5	27.8	41.6#



#59
 Diethylphthalate
 Concen: 40.636 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	16.1	24.1#
150	13.3	10.1	15.1

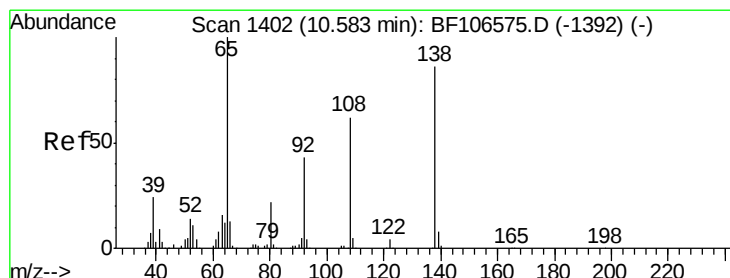
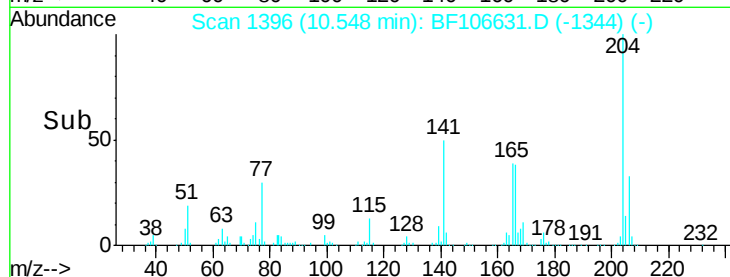
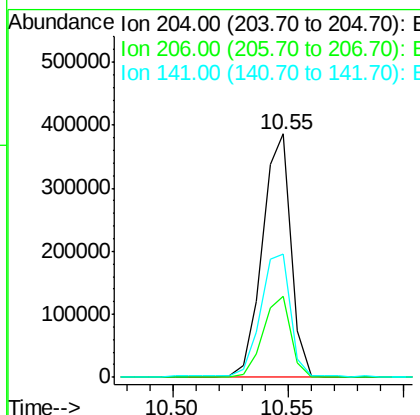
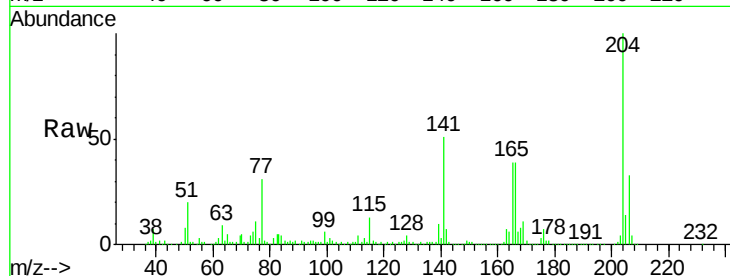




#60
4-Chlorophenyl-phenylether
Concen: 43.246 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

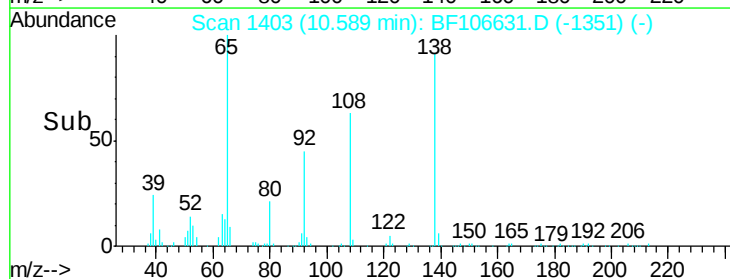
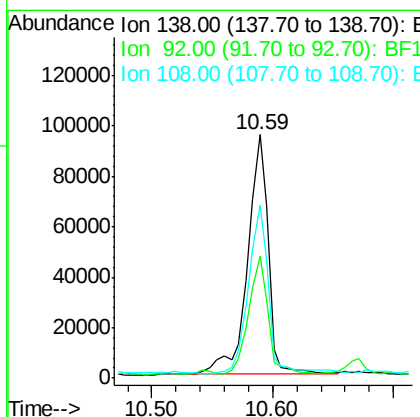
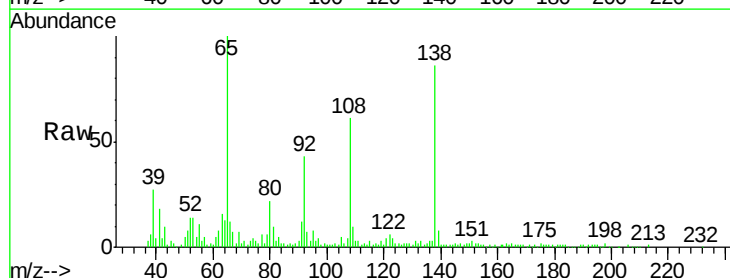
Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

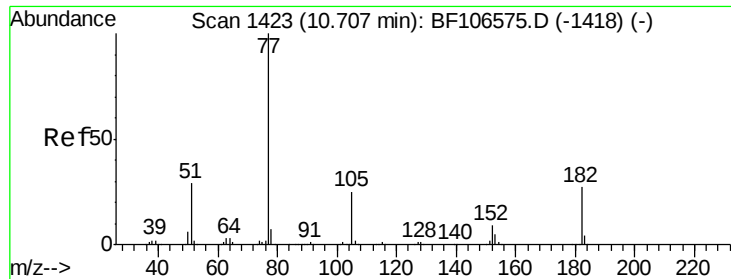
Tgt Ion: 204 Resp: 331386
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 50.8 54.6 81.8#



#61
4-Nitroaniline
Concen: 29.197 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion: 138 Resp: 114443
Ion Ratio Lower Upper
138 100
92 50.0 30.2 70.2
108 71.2 52.5 92.5





#62

Azobenzene

Concen: 40.508 ng

RT: 10.71 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

Tgt Ion: 77 Resp: 624034

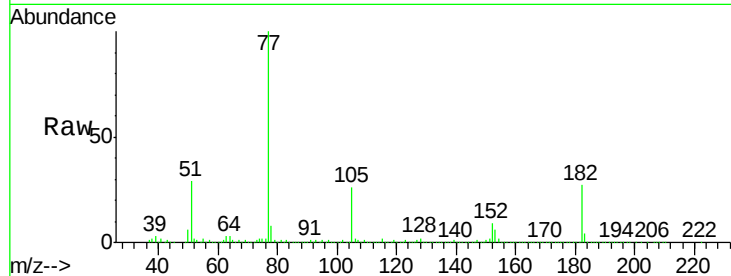
Ion Ratio Lower Upper

77 100

182 27.3 1.7 41.7

105 25.5 3.0 43.0

51 29.3 9.9 49.9

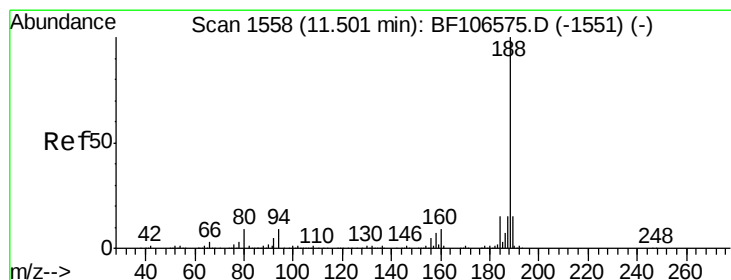
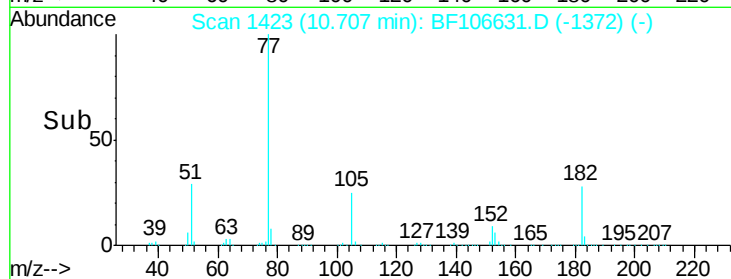
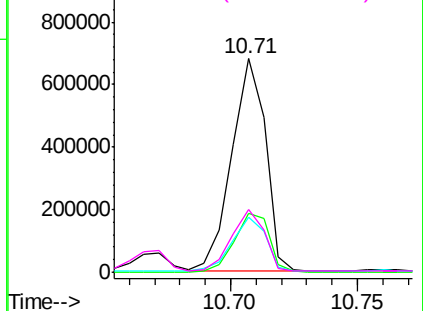


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

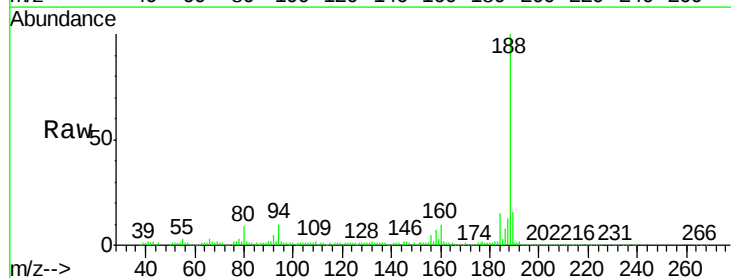
Tgt Ion: 188 Resp: 407838

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

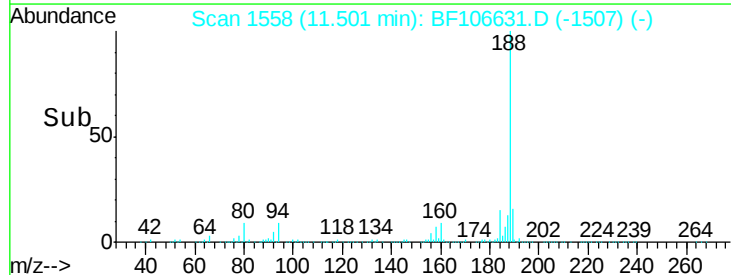
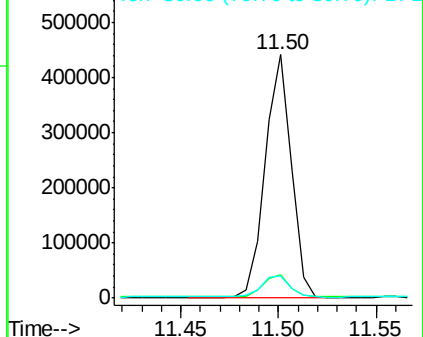
80 9.3 9.2 13.8

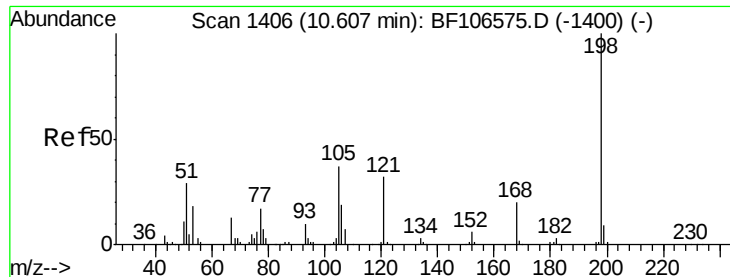


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

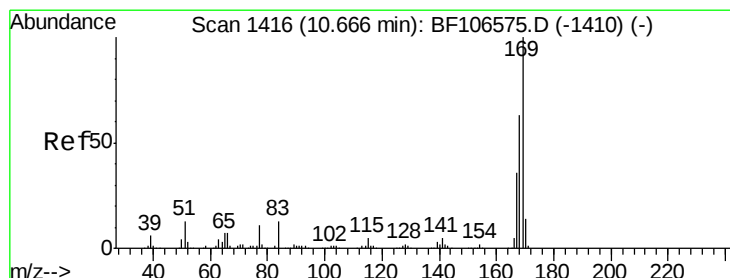
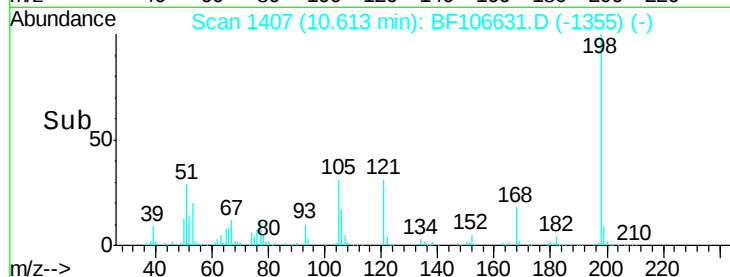
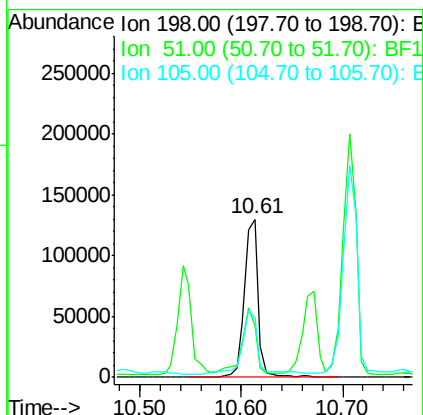
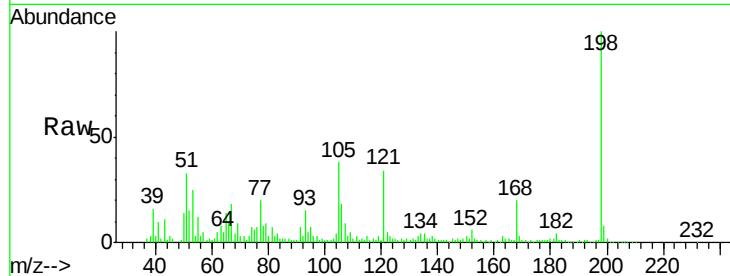




#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.323 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

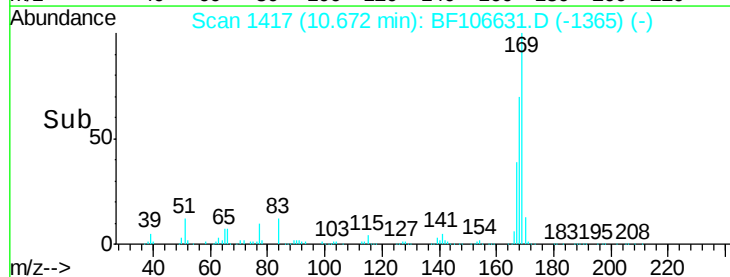
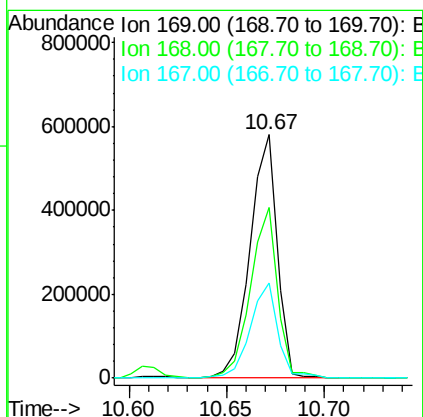
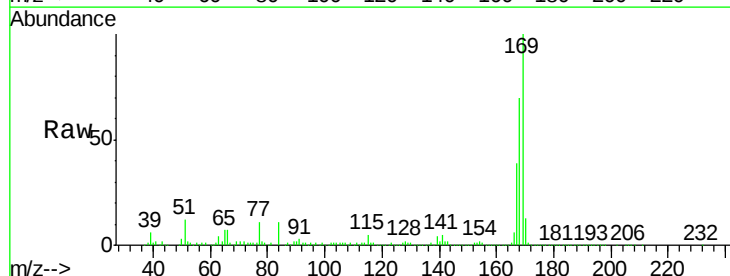
Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

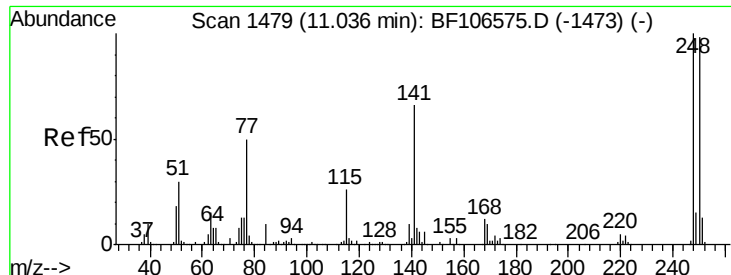
Tgt Ion:198 Resp: 124346
 Ion Ratio Lower Upper
 198 100
 51 33.0 37.7 77.7#
 105 37.7 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 40.642 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion:169 Resp: 557515
 Ion Ratio Lower Upper
 169 100
 168 69.9 54.4 81.6
 167 39.1 29.8 44.6

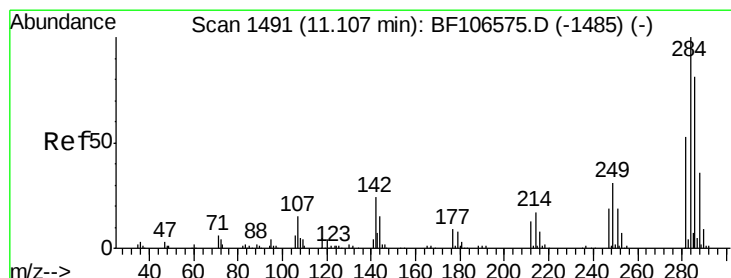
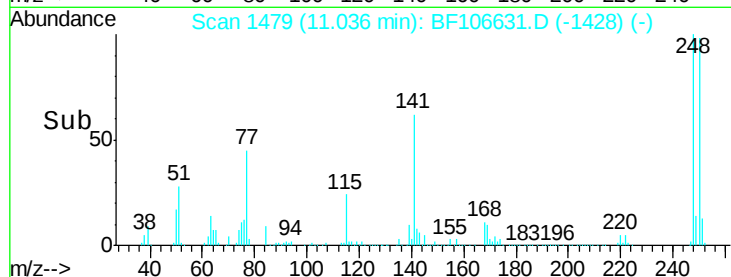
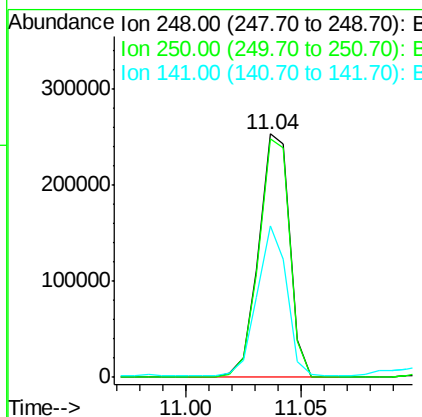
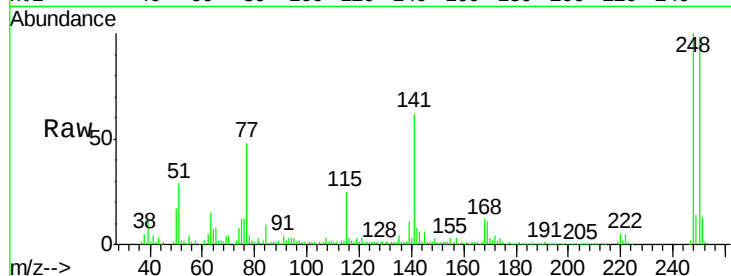




#66
4-Bromophenyl-phenylether
Concen: 48.678 ng
RT: 11.04 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

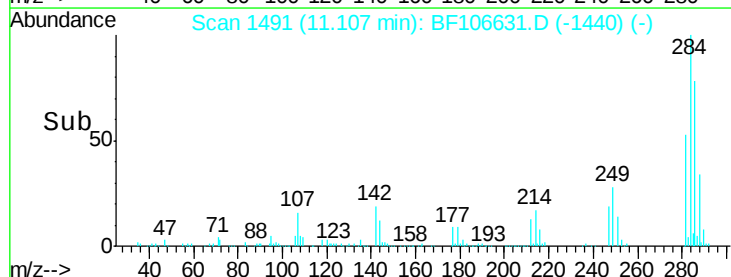
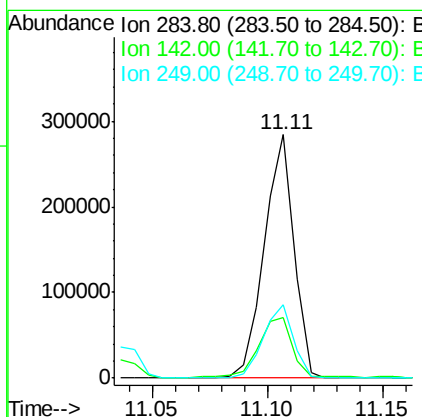
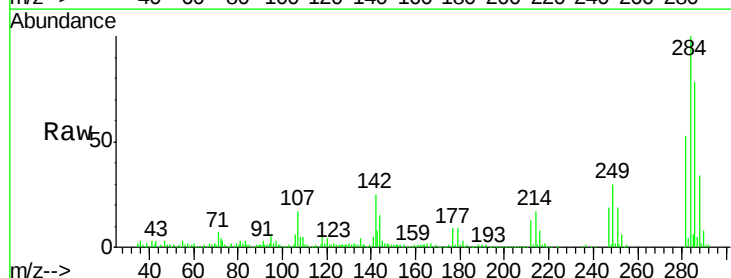
Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

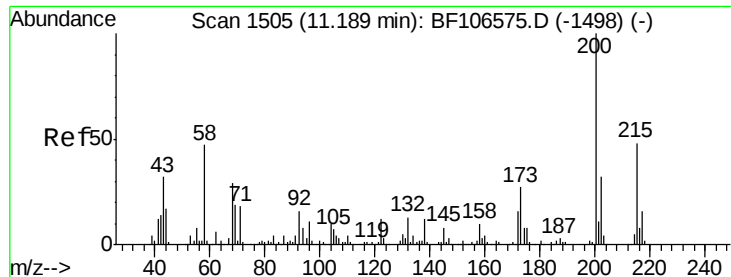
Tgt Ion:248 Resp: 236931
Ion Ratio Lower Upper
248 100
250 98.1 76.9 115.3
141 62.3 74.4 111.6#



#67
Hexachlorobenzene
Concen: 49.863 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion:284 Resp: 254018
Ion Ratio Lower Upper
284 100
142 25.1 34.6 52.0#
249 30.1 24.8 37.2

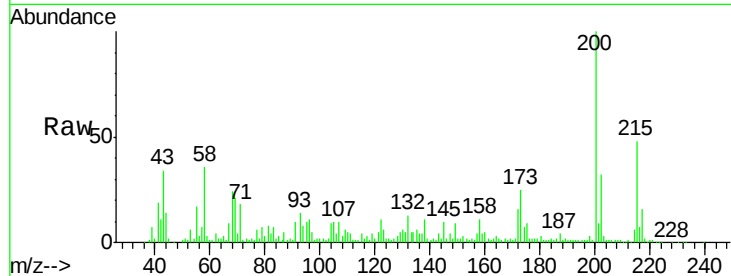




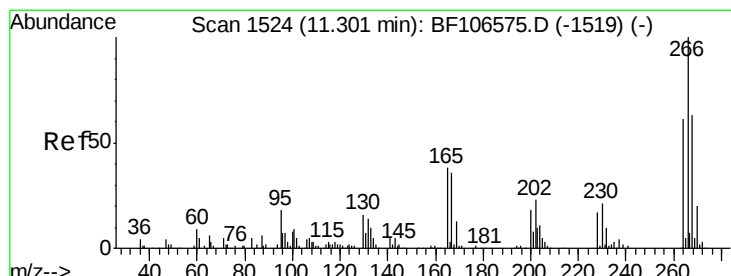
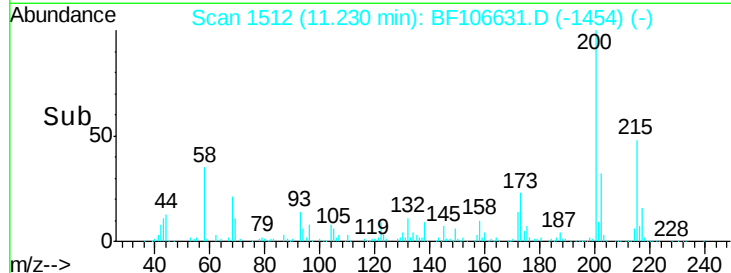
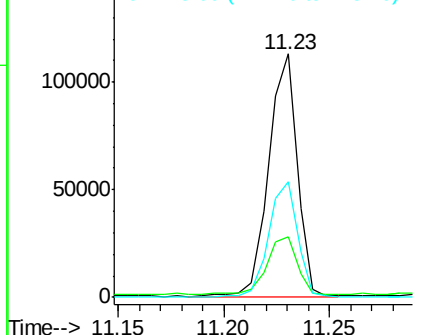
#68
 Atrazine
 Concen: 24.300 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. 0.04 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tgt Ion:200 Resp: 105972
 Ion Ratio Lower Upper
 200 100
 173 24.7 8.6 48.6
 215 47.7 25.1 65.1

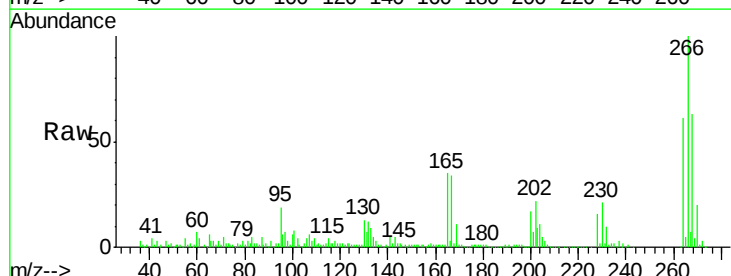


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

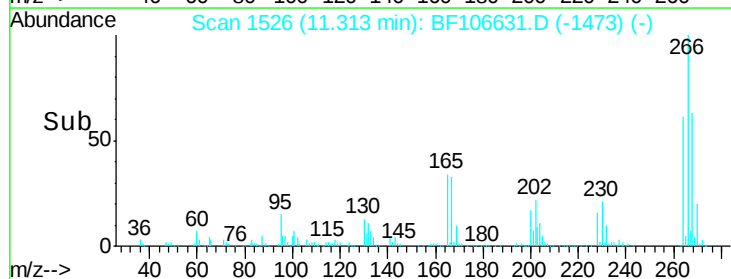
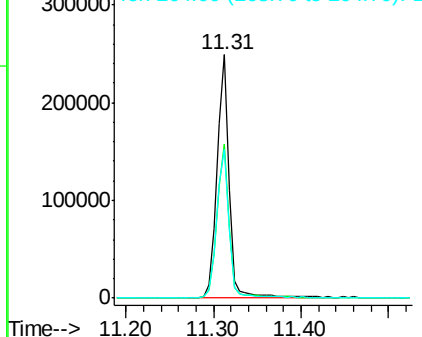


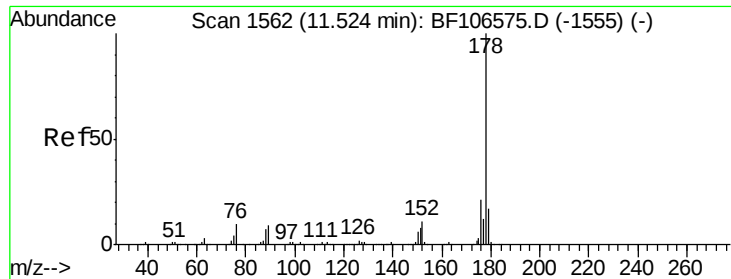
#69
 Pentachlorophenol
 Concen: 95.696 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion:266 Resp: 243248
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 61.3 49.5 74.3



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





#70

Phenanthrene

Concen: 45.659 ng

RT: 11.53 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

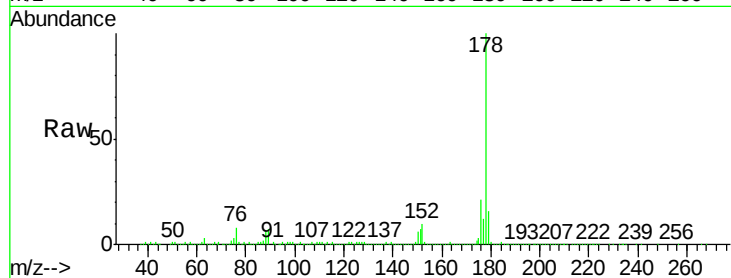
Tgt Ion:178 Resp: 898145

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.8

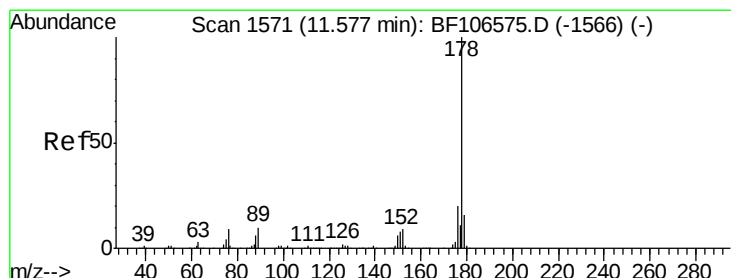
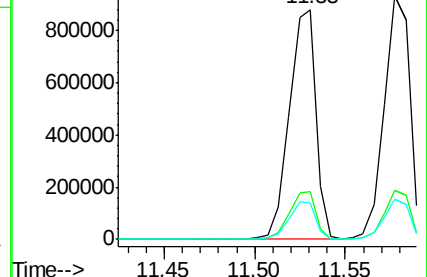
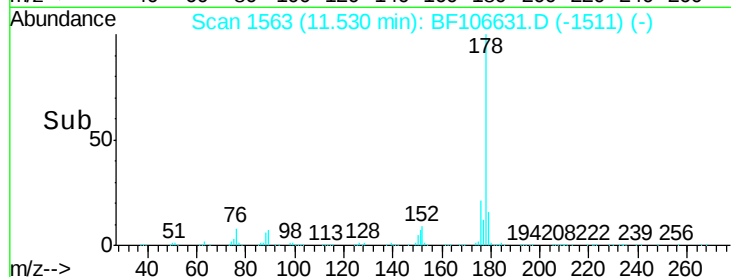
179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 45.543 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

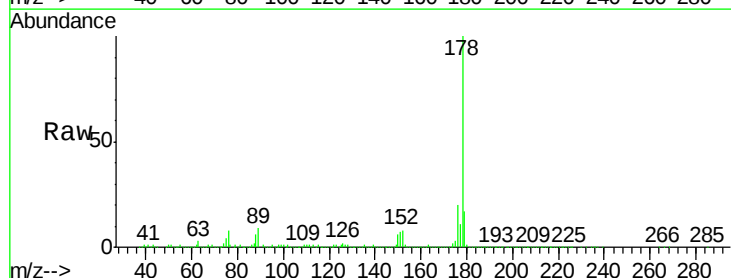
Tgt Ion:178 Resp: 914414

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

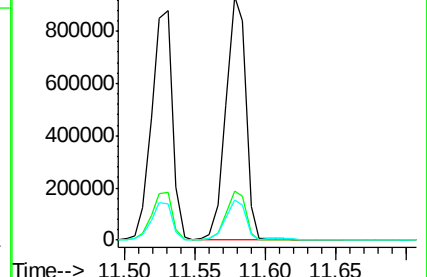
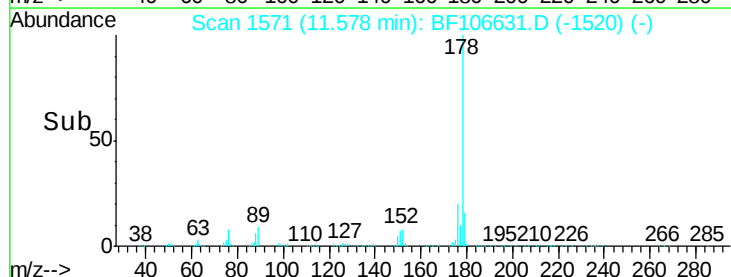
179 16.5 12.6 19.0

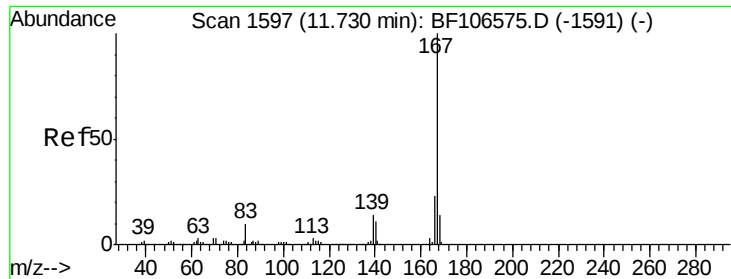


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 39.159 ng

RT: 11.74 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

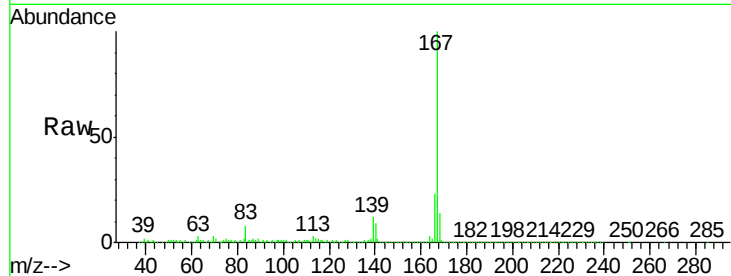
Tgt Ion:167 Resp: 736105

Ion Ratio Lower Upper

167 100

166 23.1 17.6 26.4

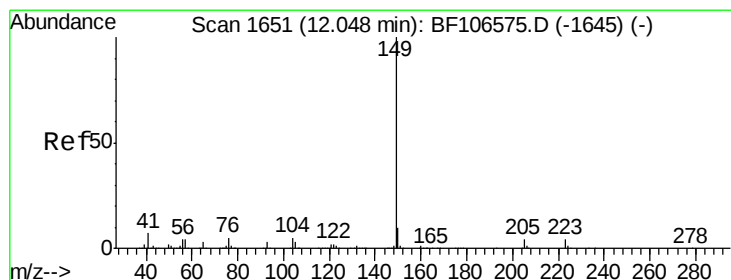
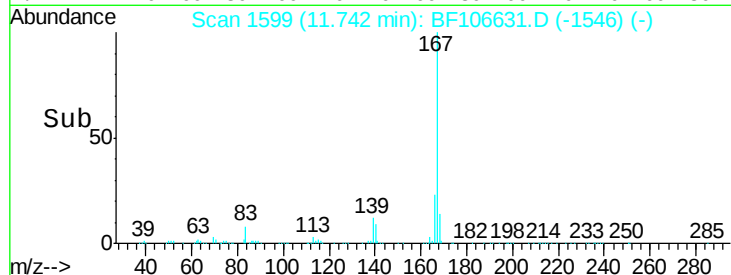
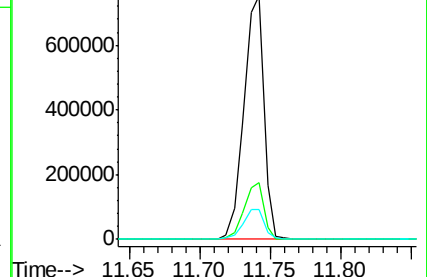
139 12.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.339 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

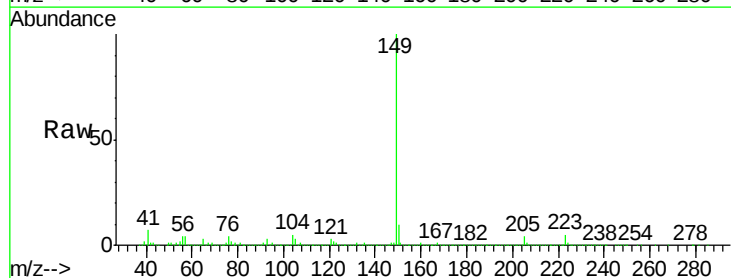
Tgt Ion:149 Resp: 915487

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

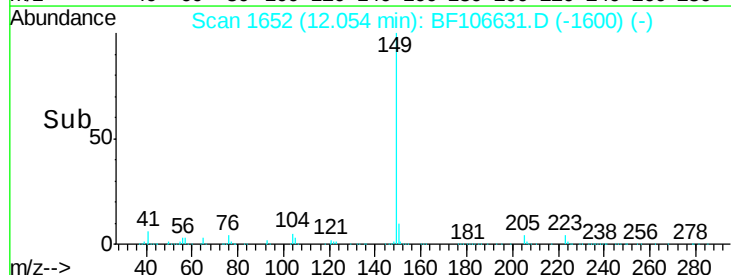
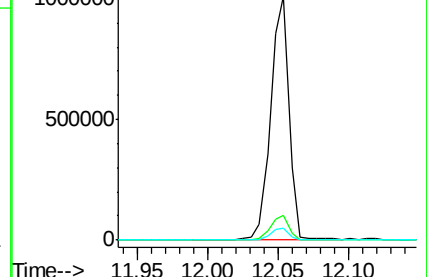
104 4.9 3.8 5.8

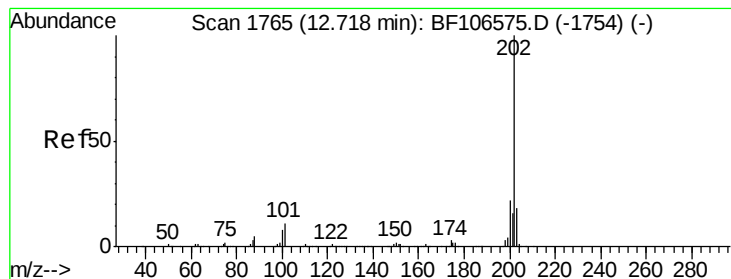


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 40.487 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

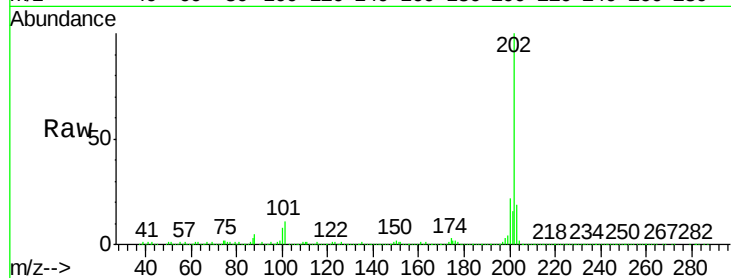
Tgt Ion:202 Resp: 877813

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

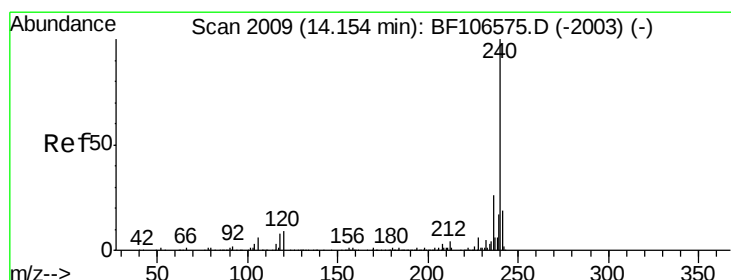
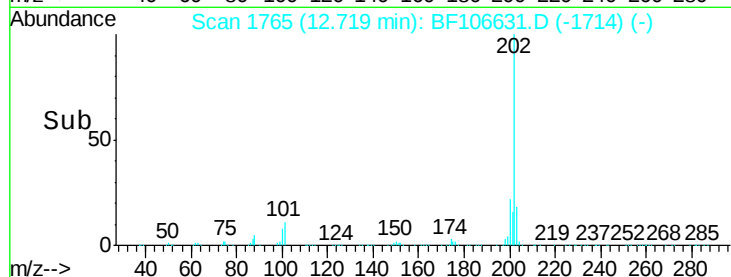
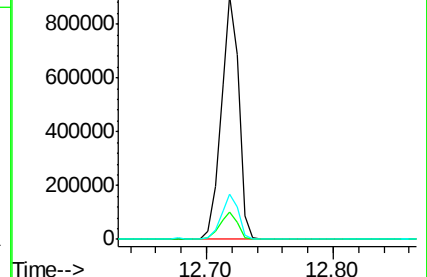
203 18.6 0.0 38.1



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: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

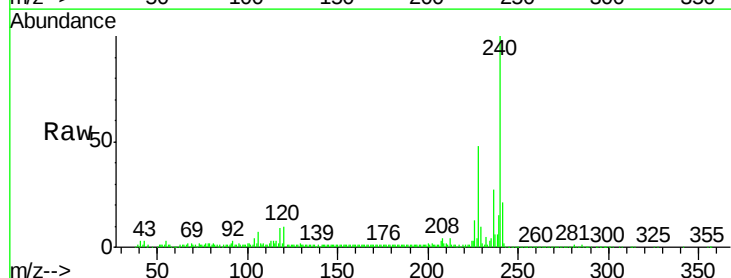
Tgt Ion:240 Resp: 272246

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

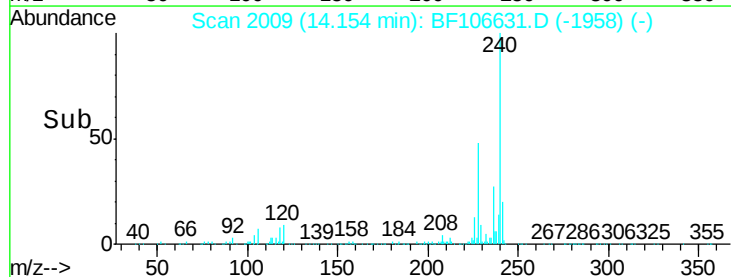
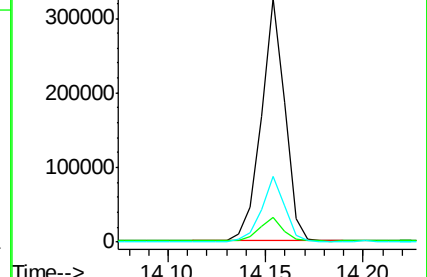
236 27.1 20.7 31.1

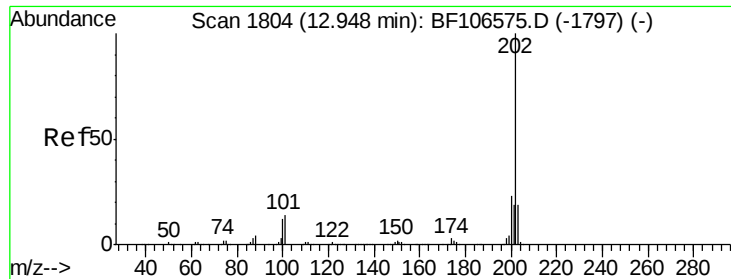


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 47.307 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

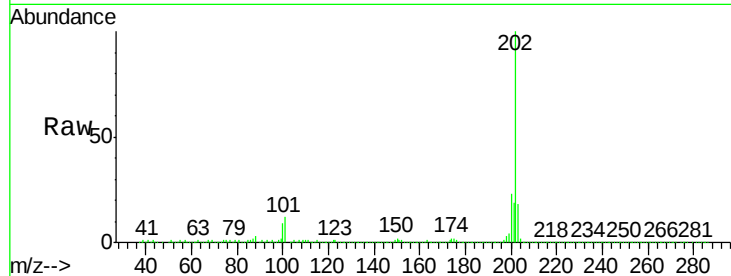
Tgt Ion:202 Resp: 849289

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

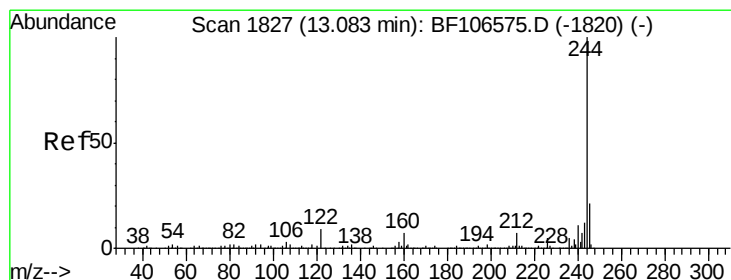
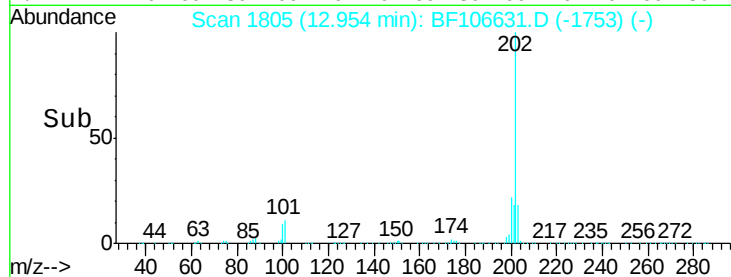
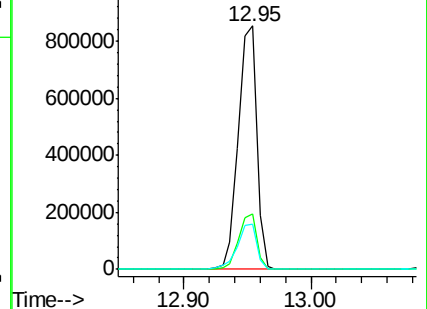
203 18.3 14.3 21.5



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: 103.962 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

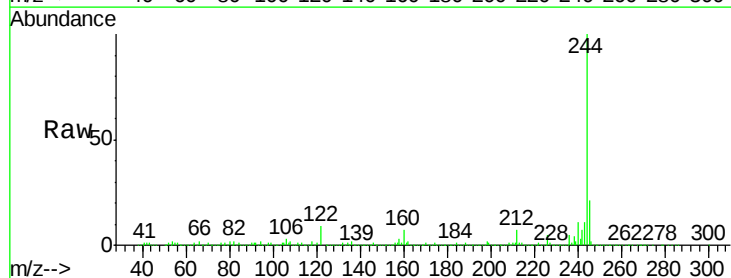
Tgt Ion:244 Resp: 1168444

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

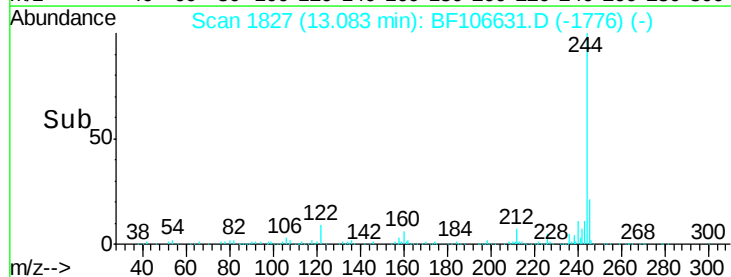
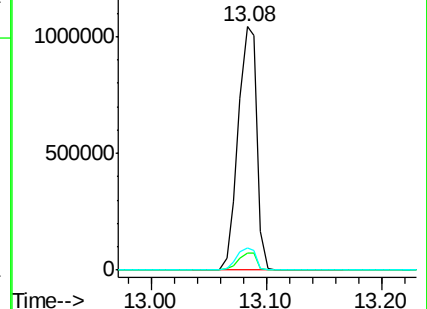
122 9.1 11.0 16.4#

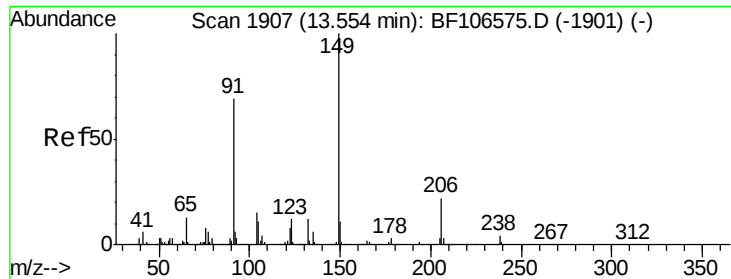


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

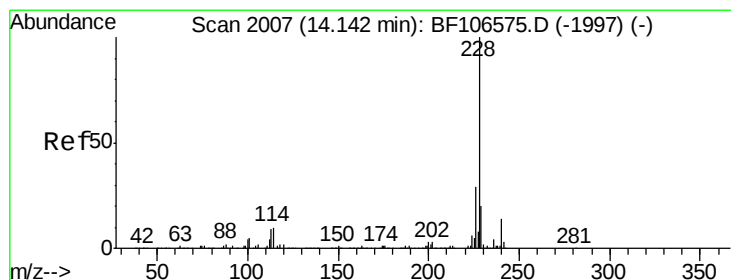
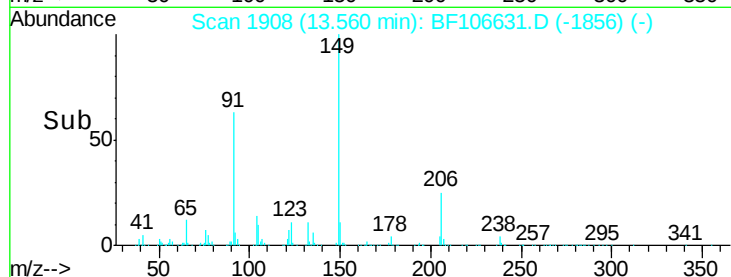
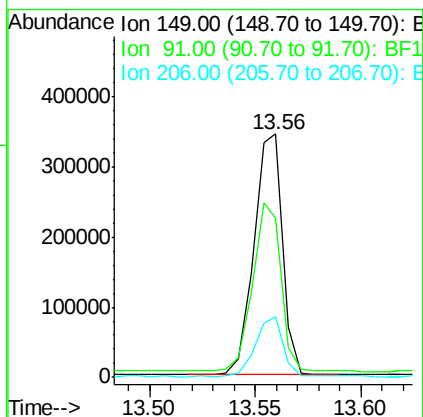
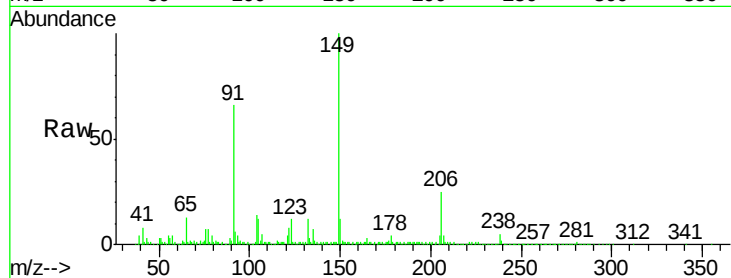




#79
Butylbenzylphthalate
Concen: 43.633 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

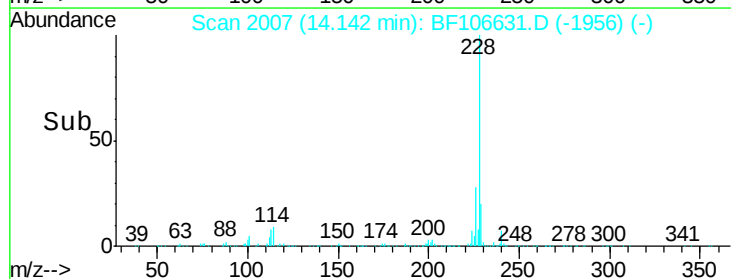
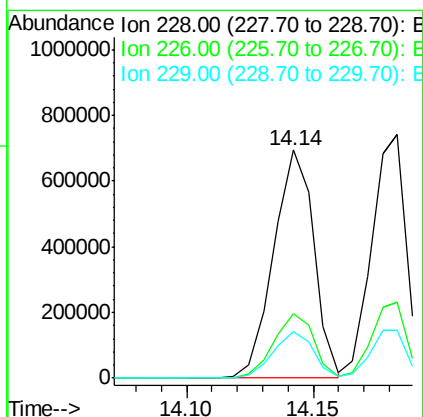
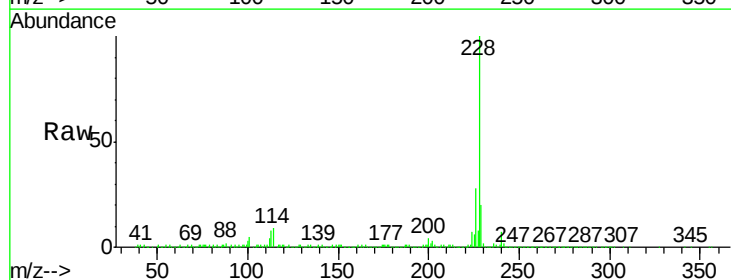
Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

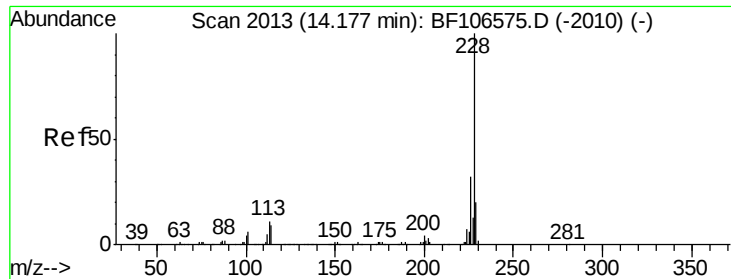
Tgt Ion:149 Resp: 322065
Ion Ratio Lower Upper
149 100
91 65.5 56.8 85.2
206 25.1 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 45.701 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion:228 Resp: 758299
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.4 15.8 23.6

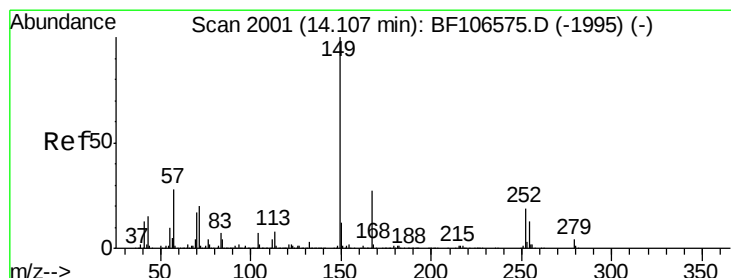
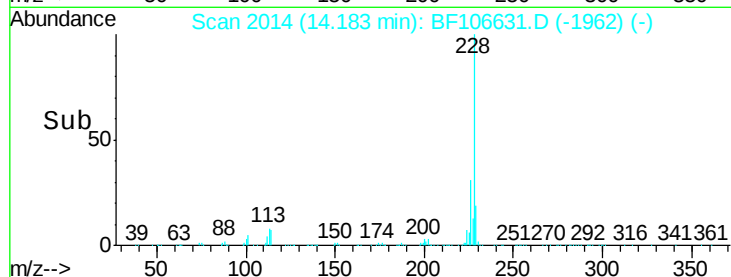
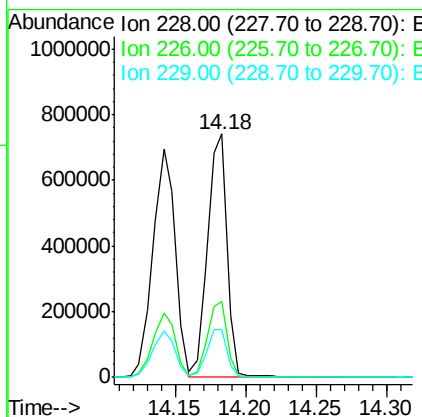
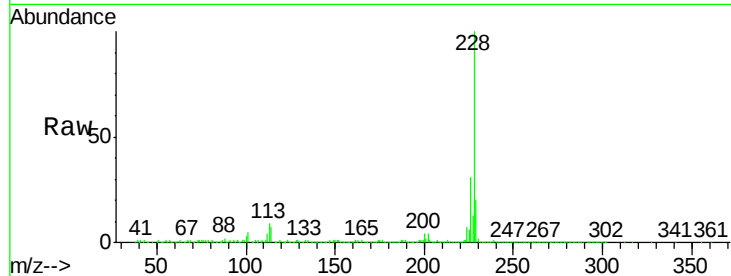




#82
 Chrysene
 Concen: 46.049 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

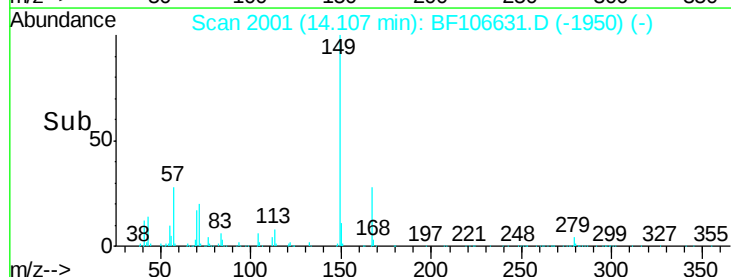
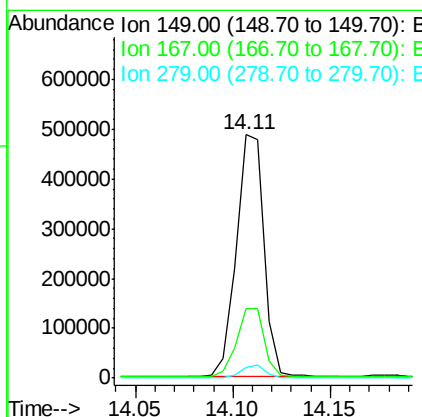
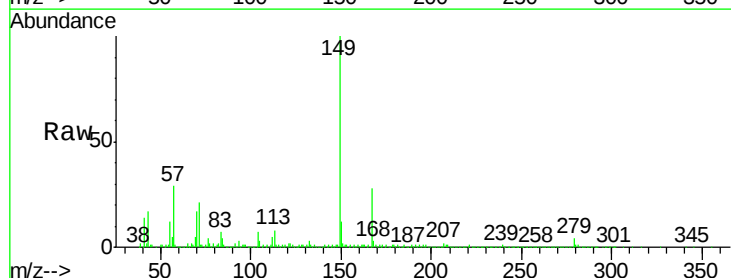
Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

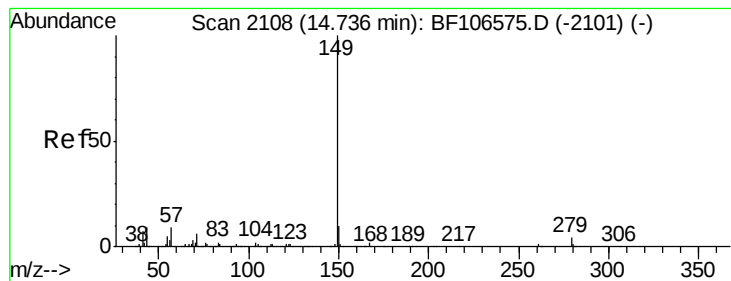
Tgt Ion: 228 Resp: 702937
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.6 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.146 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion: 149 Resp: 473218
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.3 31.9
 279 4.3 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 48.047 ng

RT: 14.74 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

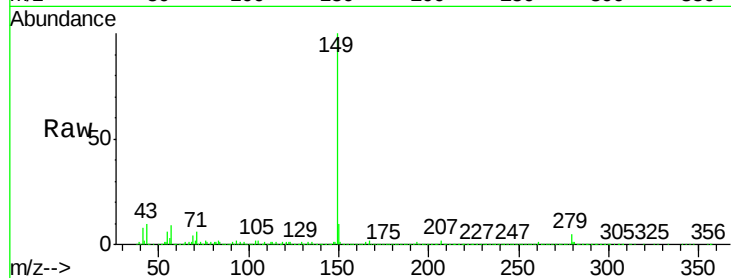
Tgt Ion:149 Resp: 739076

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

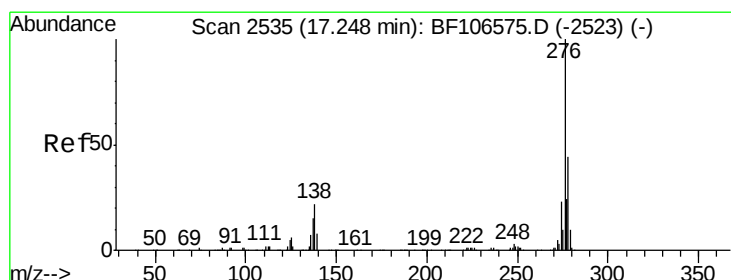
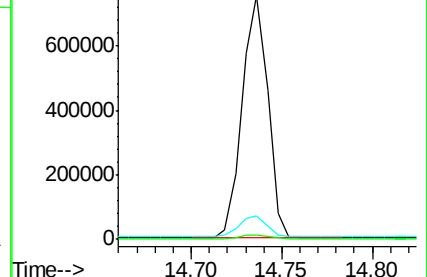
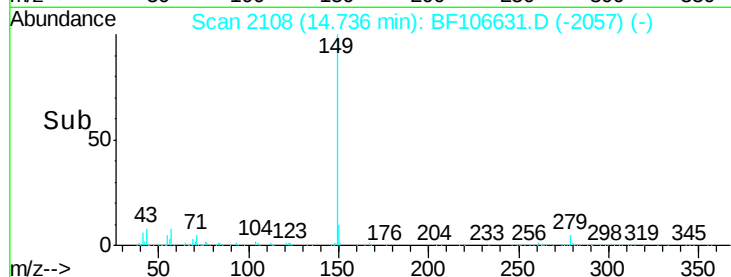
43 8.7 8.4 12.6



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: 57.642 ng

RT: 17.27 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

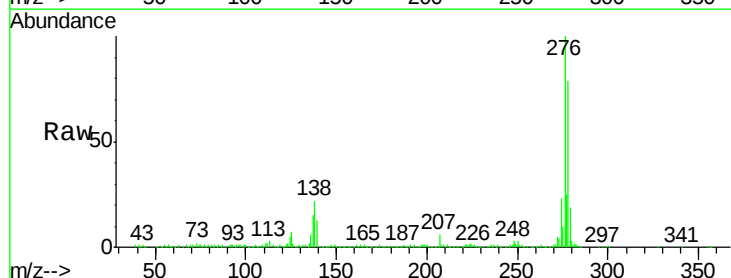
Tgt Ion:276 Resp: 746718

Ion Ratio Lower Upper

276 100

138 21.8 25.0 37.6#

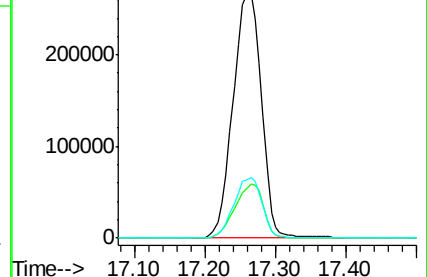
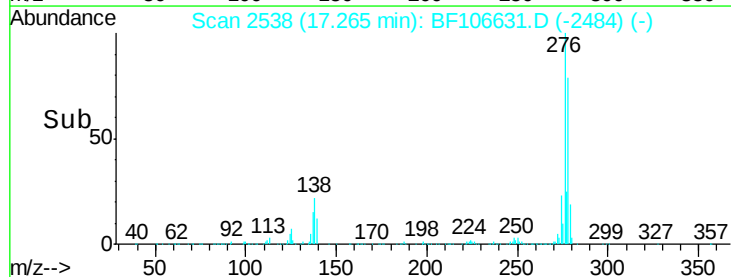
277 24.9 20.1 30.1

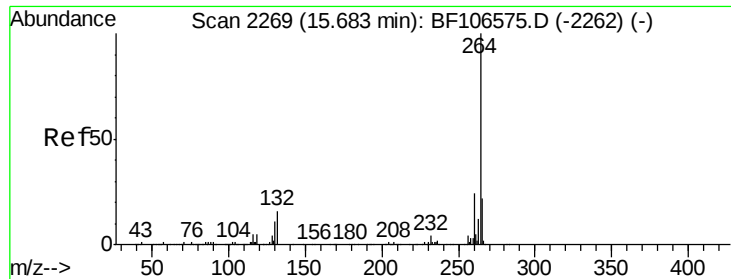


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

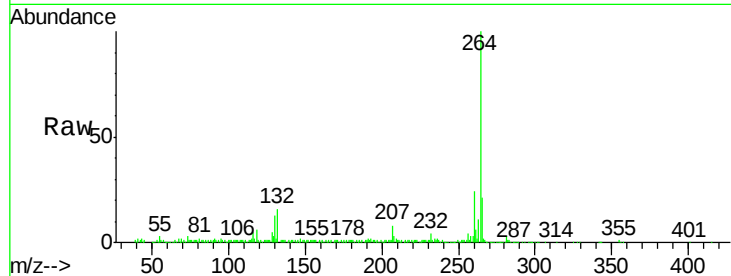
Tgt Ion:264 Resp: 281067

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

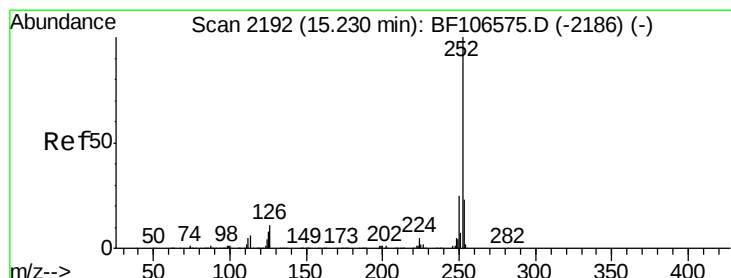
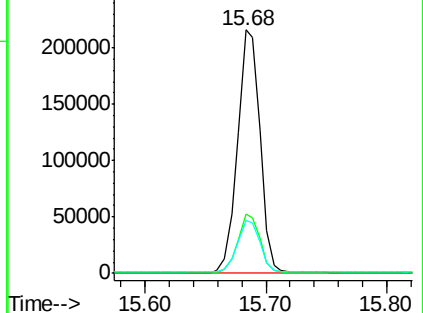
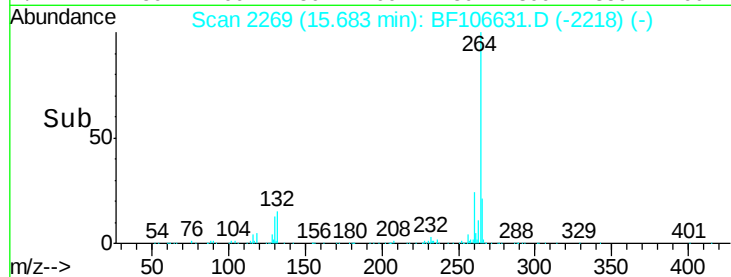
265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 44.013 ng

RT: 15.24 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

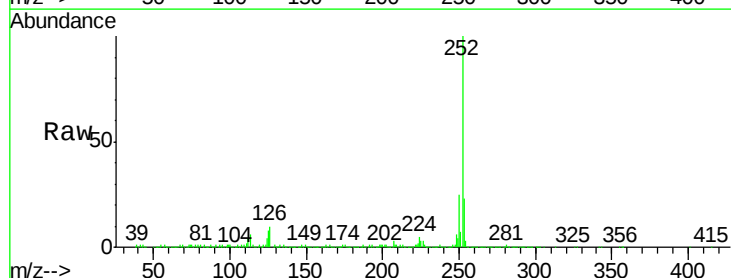
Tgt Ion:252 Resp: 768448

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

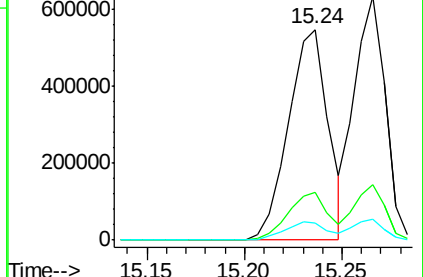
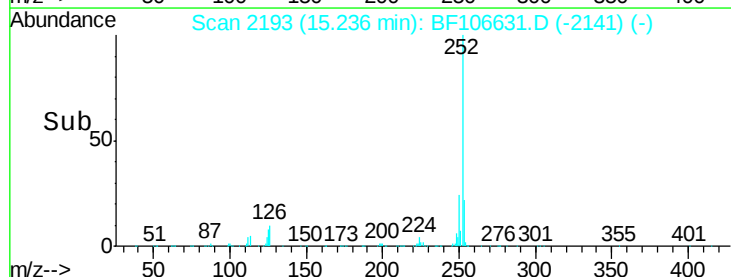
125 8.2 9.0 13.6#

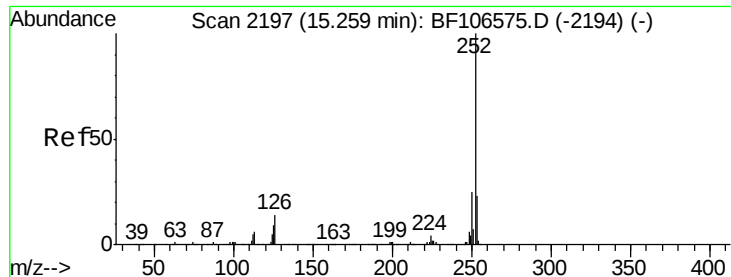


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

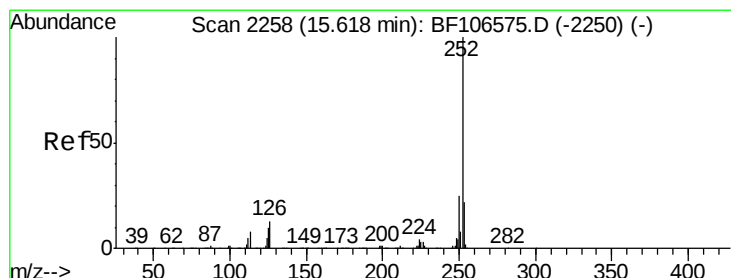
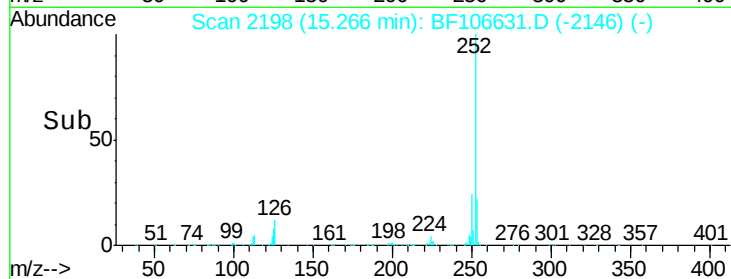
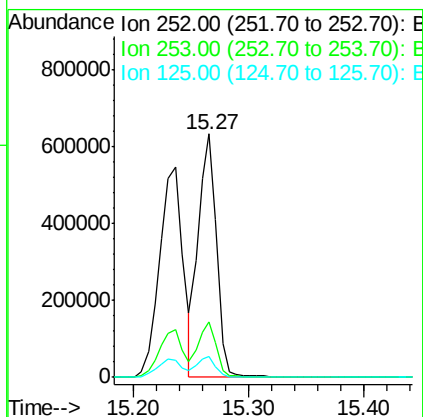
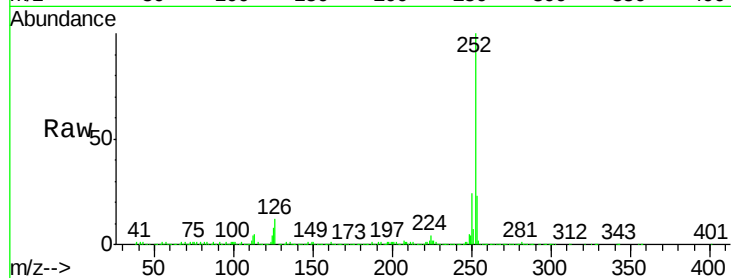




#88
Benzo(k)fluoranthene
Concen: 42.088 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

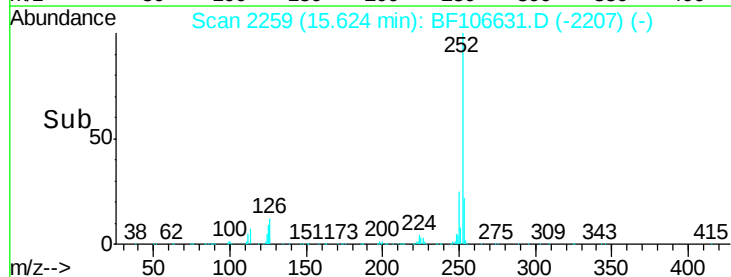
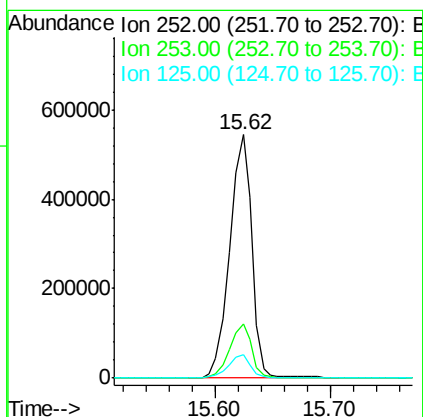
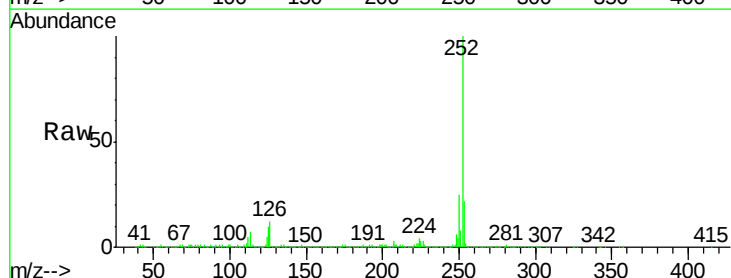
Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

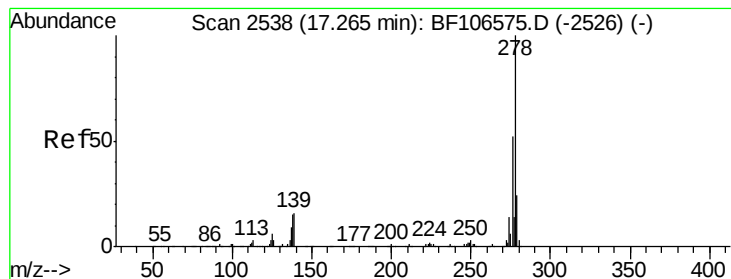
Tgt Ion:252 Resp: 699790
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.4 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 46.210 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion:252 Resp: 717243
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 9.7 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 46.767 ng

RT: 17.28 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

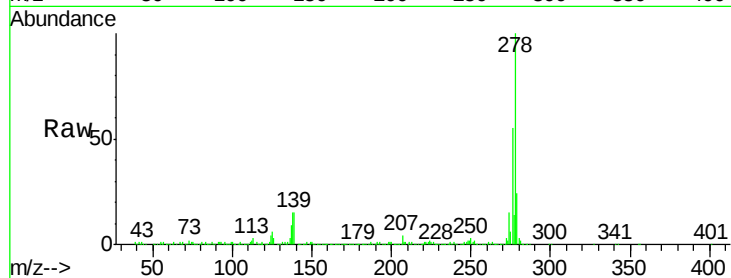
Tgt Ion:278 Resp: 615176

Ion Ratio Lower Upper

278 100

139 14.7 15.9 23.9#

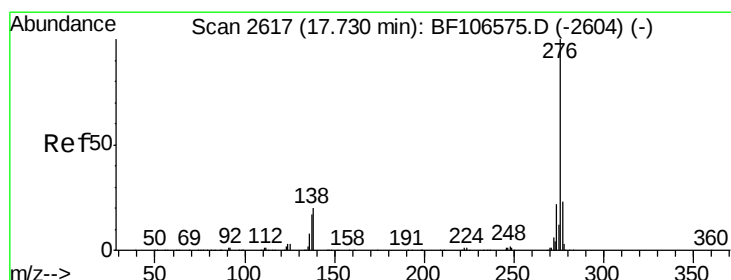
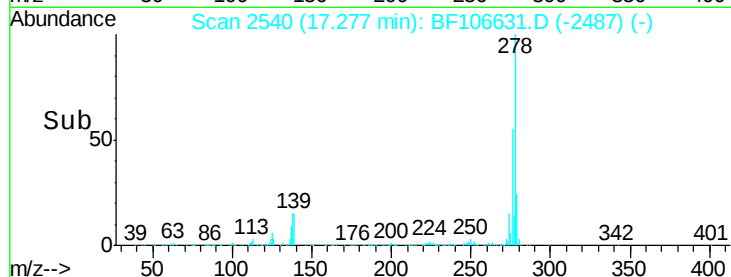
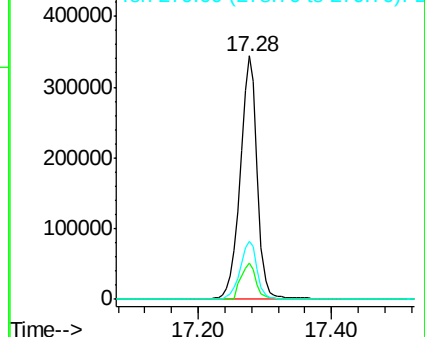
279 24.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 47.297 ng

RT: 17.74 min Scan# 2619

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

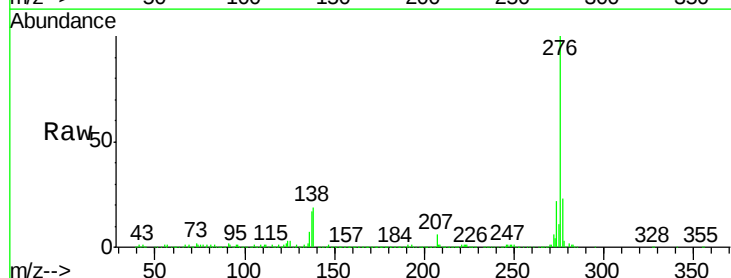
Tgt Ion:276 Resp: 608105

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 18.8 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

