

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106586.D
 Acq On : 19 Jun 2018 17:07
 Operator : JU/SJ
 Sample : PB110378BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 17:44:17 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	119268	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	458866	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	226192	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	456115	20.00	ng	0.00
75) Chrysene-d12	14.16	240	310632	20.00	ng	0.00
86) Perylene-d12	15.71	264	282146	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	755994	107.33	ng	0.01
7) Phenol-d6	6.61	99	990858	112.65	ng	0.00
23) Nitrobenzene-d5	7.53	82	678575	82.18	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	323573	123.42	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1183985	89.35	ng	0.00
78) Terphenyl-d14	13.08	244	1308001	102.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	115646	31.936	ng	96
3) Pyridine	3.66	79	343426	34.970	ng	97
4) n-Nitrosodimethylamine	3.62	42	153126	36.711	ng	92
6) Aniline	6.63	93	245470	20.573	ng	# 87
8) 2-Chlorophenol	6.76	128	297784	38.546	ng	97
9) Benzaldehyde	6.51	77	190904	29.756	ng	98
10) Phenol	6.62	94	371736	37.032	ng	82
11) bis(2-Chloroethyl)ether	6.70	93	305547	36.870	ng	94
12) 1,3-Dichlorobenzene	6.90	146	344068	38.026	ng	99
13) 1,4-Dichlorobenzene	6.98	146	346638	37.894	ng	100
14) 1,2-Dichlorobenzene	7.13	146	318373	37.976	ng	100
15) Benzyl Alcohol	7.10	79	275631	39.026	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	466913	42.943	ng	85
17) 2-Methylphenol	7.22	107	263360	39.836	ng	# 94
18) Hexachloroethane	7.47	117	125417	38.987	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	209738	36.174	ng	94
20) 3+4-Methylphenols	7.37	107	309419	42.752	ng	# 73
22) Acetophenone	7.37	105	409117	39.852	ng	# 93
24) Nitrobenzene	7.55	77	344679	40.887	ng	99
25) Isophorone	7.78	82	640377	44.013	ng	99
26) 2-Nitrophenol	7.86	139	172406	43.323	ng	99
27) 2,4-Dimethylphenol	7.90	122	284449	46.245	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	400211	40.967	ng	99
29) 2,4-Dichlorophenol	8.11	162	279903	43.466	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	286783	40.426	ng	96
31) Naphthalene	8.27	128	864370	40.291	ng	99
32) Benzoic acid	8.02	122	152232	35.693	ng	94
33) 4-Chloroaniline	8.31	127	84295	9.364	ng	97
34) Hexachlorobutadiene	8.38	225	184506	39.915	ng	98
35) Caprolactam	8.70	113	58295	27.771	ng	91
36) 4-Chloro-3-methylphenol	8.81	107	299173	44.138	ng	97
37) 2-Methylnaphthalene	8.96	142	600756	42.248	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	305809	40.146	ng	98
40) Hexachlorocyclopentadiene	9.11	237	339417	86.605	ng	99

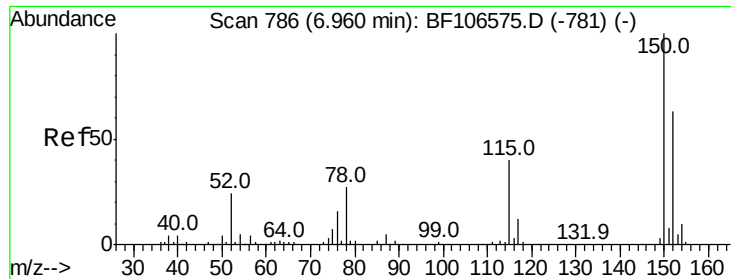
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106586.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	209939	41.462	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	221347	41.894	ng	94
45) 1,1'-Biphenyl	9.42	154	709515	39.360	ng	99
46) 2-Chloronaphthalene	9.45	162	574954	40.520	ng	97
47) 2-Nitroaniline	9.55	65	196206	41.121	ng	90
48) Acenaphthylene	9.87	152	909060	40.579	ng	98
49) Dimethylphthalate	9.72	163	688734	40.598	ng	99
50) 2,6-Dinitrotoluene	9.79	165	154834	43.101	ng	99
51) Acenaphthene	10.04	154	524570	37.185	ng	99
52) 3-Nitroaniline	9.96	138	65559	15.859	ng	99
53) 2,4-Dinitrophenol	10.07	184	136290	73.440	ng	# 14
54) Dibenzofuran	10.21	168	784131	40.593	ng	96
55) 4-Nitrophenol	10.14	139	208110	72.124	ng	93
56) 2,4-Dinitrotoluene	10.20	165	206969	44.139	ng	99
57) Fluorene	10.56	166	602047	39.276	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	186790	44.474	ng	# 82
59) Diethylphthalate	10.42	149	656598	40.101	ng	95
60) 4-Chlorophenyl-phenylether	10.54	204	313481	39.086	ng	93
61) 4-Nitroaniline	10.58	138	157991	38.510	ng	99
62) Azobenzene	10.71	77	671930	41.672	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	107160	38.007	ng	75
65) n-Nitrosodiphenylamine	10.67	169	584489	38.098	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	224191	41.185	ng	# 85
67) Hexachlorobenzene	11.11	284	234502	41.160	ng	# 81
68) Atrazine	11.19	200	205109	42.055	ng	97
69) Pentachlorophenol	11.30	266	198682	69.890	ng	98
70) Phenanthrene	11.52	178	901983	41.000	ng	99
71) Anthracene	11.58	178	926482	41.260	ng	98
72) Carbazole	11.73	167	815805	38.805	ng	99
73) Di-n-butylphthalate	12.05	149	1006273	40.629	ng	99
74) Fluoranthene	12.72	202	955853	39.420	ng	97
76) Benzidine	12.84	184	313383	35.424	ng	98
77) Pyrene	12.95	202	969407	47.325	ng	99
79) Butylbenzylphthalate	13.55	149	394787	46.876	ng	# 97
80) Benzo(a)anthracene	14.15	228	779294	41.162	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	117487	17.657	ng	# 96
82) Chrysene	14.19	228	717156	41.175	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	505862	46.981	ng	99
84) Di-n-octyl phthalate	14.76	149	700920	39.936	ng	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	815863	55.197	ng	# 92
87) Benzo(b)fluoranthene	15.28	252	634130	36.181	ng	97
88) Benzo(k)fluoranthene	15.28	252	634130	37.993	ng	# 97
89) Benzo(a)pyrene	15.64	252	638965	41.010	ng	97
90) Dibenzo(a,h)anthracene	17.31	278	673515	51.006	ng	# 95
91) Benzo(g,h,i)perylene	17.77	276	693703	53.749	ng	# 91

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

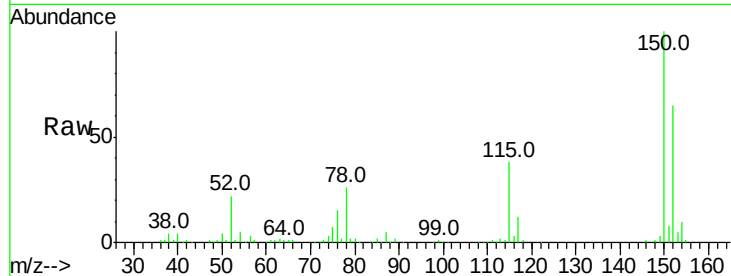


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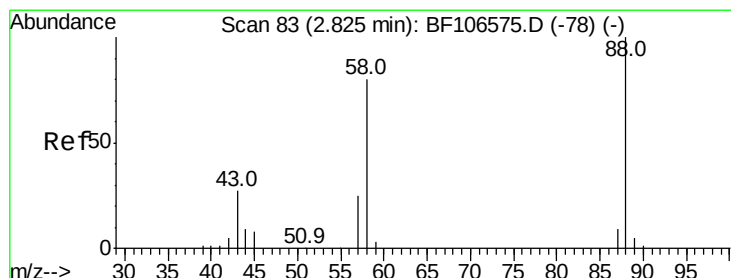
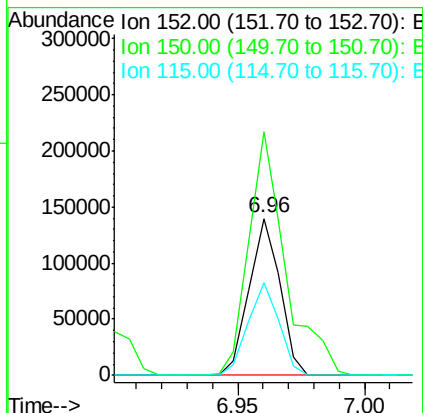
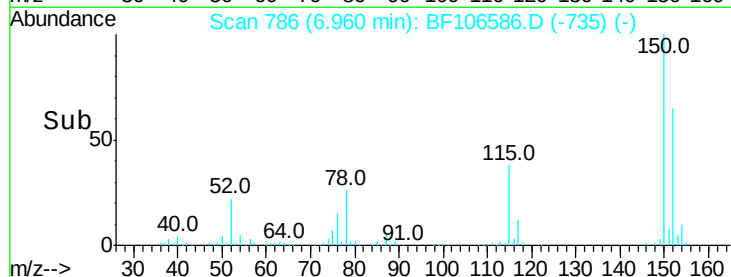
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119268
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 59.0 50.1 75.1



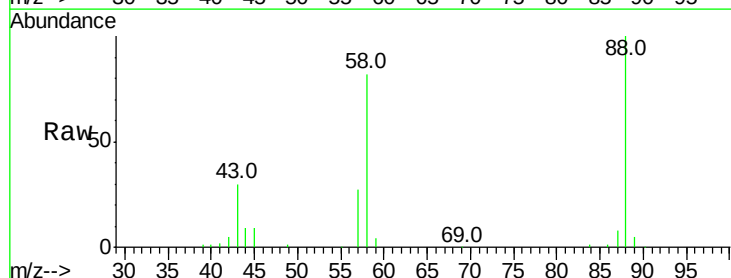
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



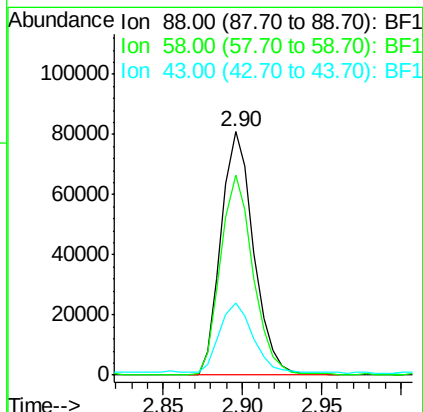
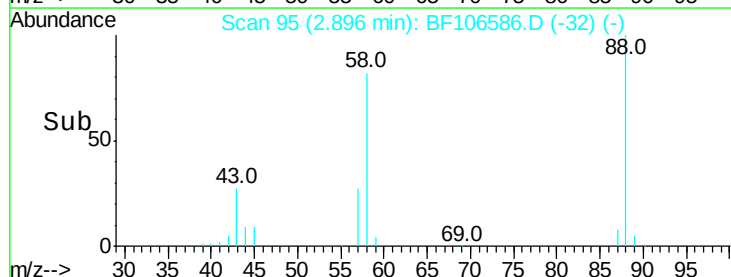
#2

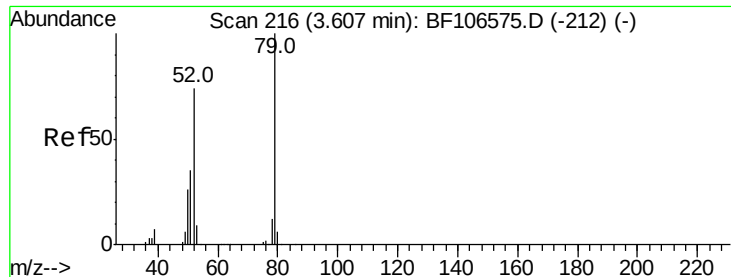
1,4-Dioxane
Concen: 31.936 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.07 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion: 88 Resp: 115646
Ion Ratio Lower Upper
88 100
58 82.5 62.6 93.8
43 30.1 24.6 37.0



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





#3

Pvridine

Concen: 34.970 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

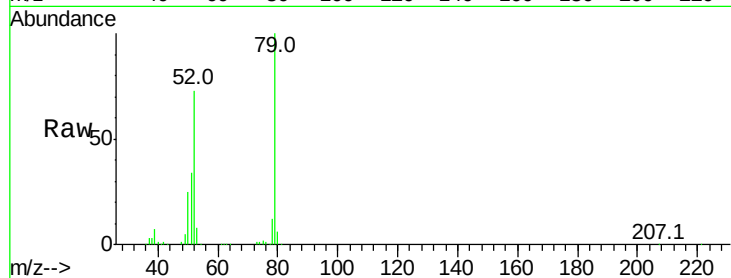
Tot Ion: 79 Resp: 343426

Ion Ratio Lower Upper

79 100

52 73.1 59.8 89.6

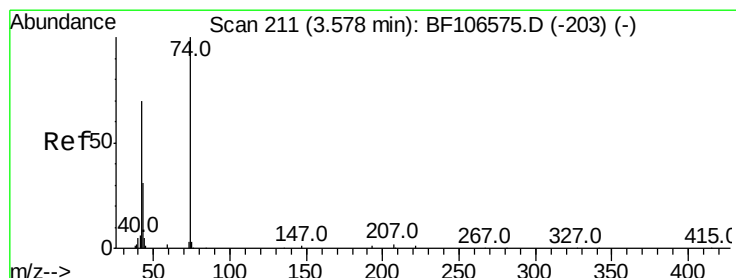
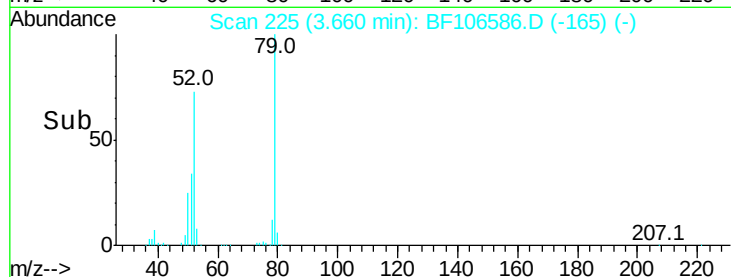
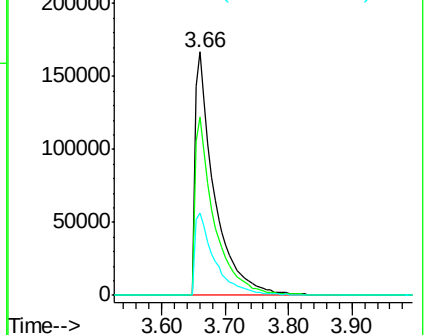
51 34.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.711 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.05 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

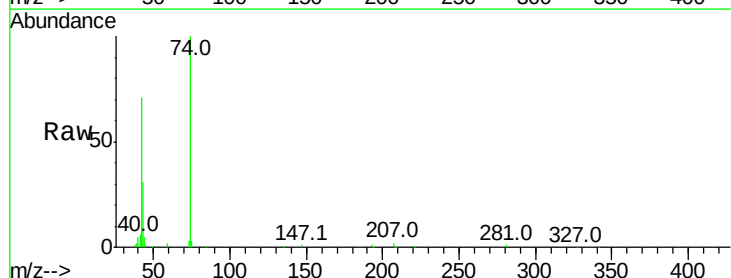
Tgt Ion: 42 Resp: 153126

Ion Ratio Lower Upper

42 100

74 140.3 104.9 157.3

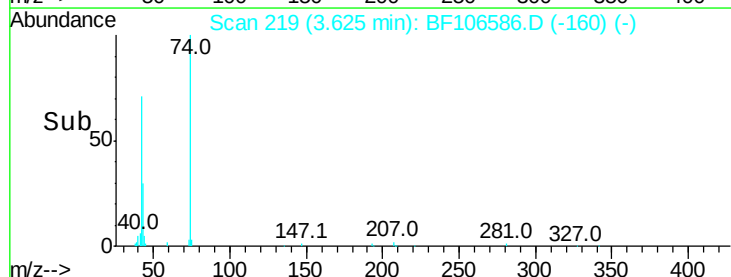
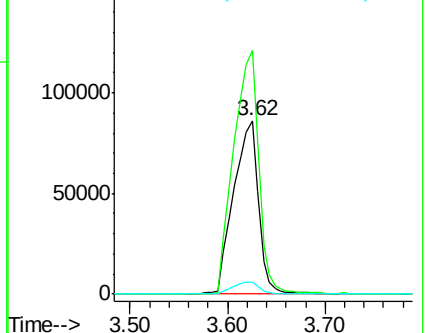
44 7.1 6.9 10.3

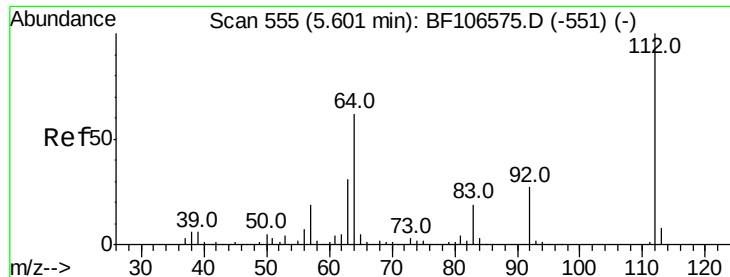


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.333 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampled :

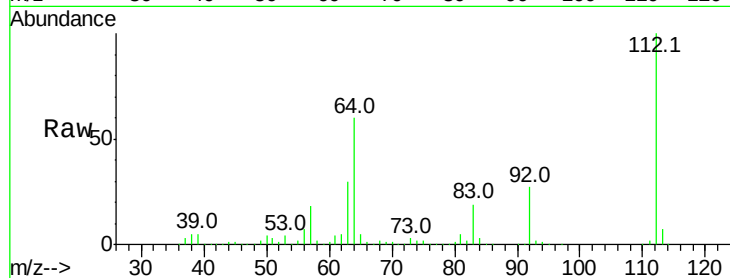
Tot Ion:112 Resp: 755994

Ion Ratio Lower Upper

112 100

64 59.5 47.9 71.9

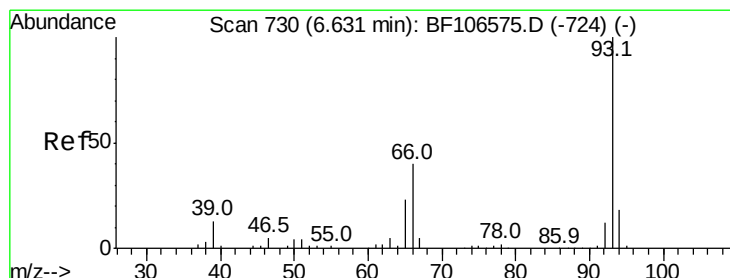
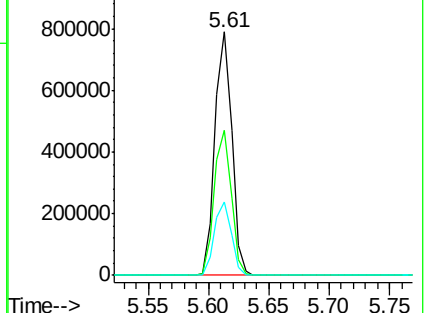
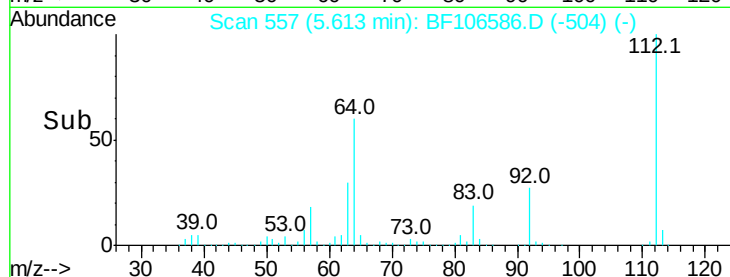
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.573 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

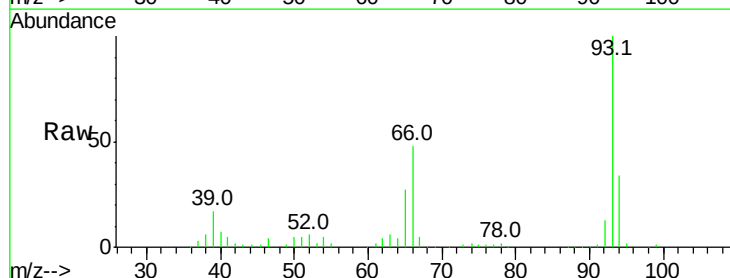
Tgt Ion: 93 Resp: 245470

Ion Ratio Lower Upper

93 100

66 48.0 32.2 48.2

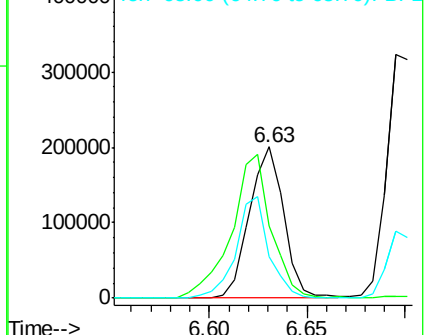
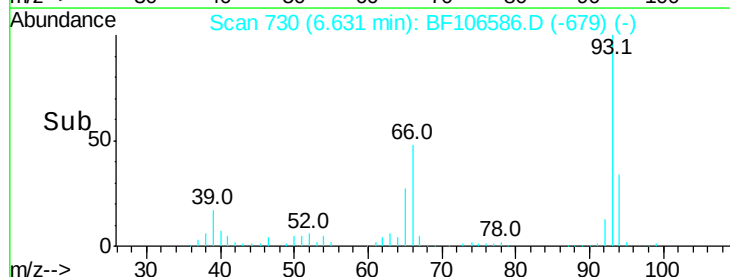
65 27.5 16.4 24.6#

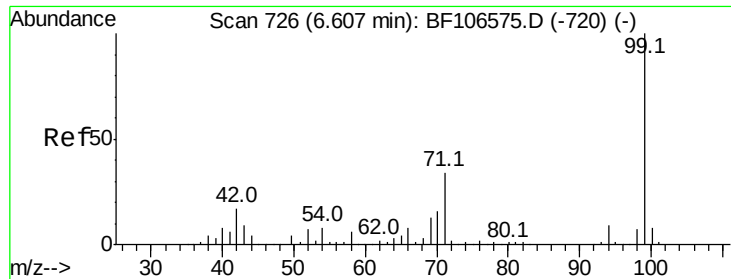


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.650 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

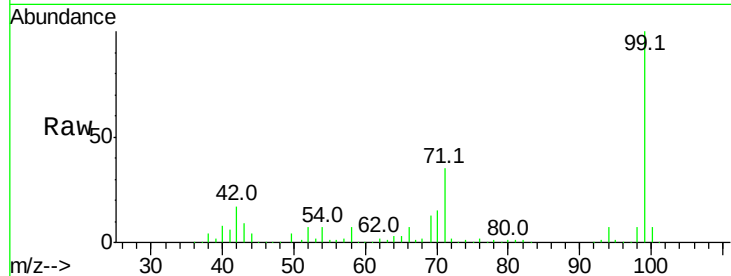
Tot Ion: 99 Resp: 990858

Ion Ratio Lower Upper

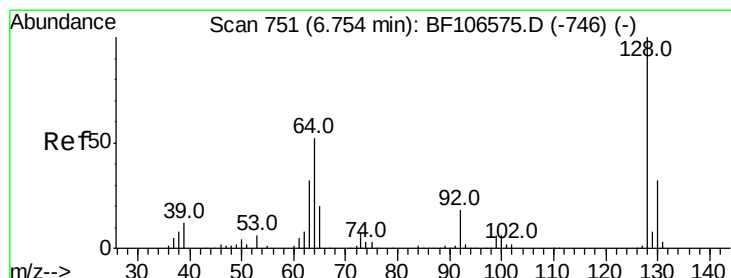
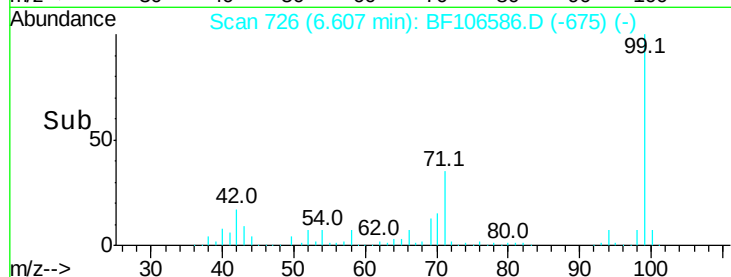
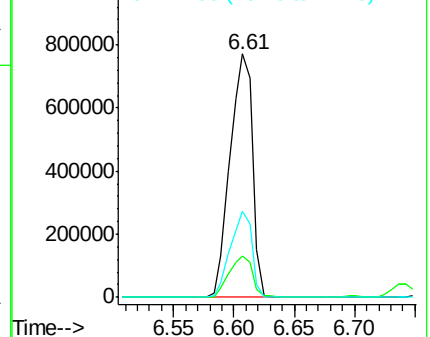
99 100

42 17.1 14.5 21.7

71 35.3 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: 38.546 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

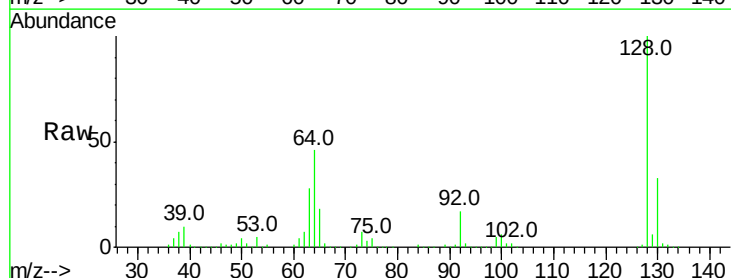
Tgt Ion:128 Resp: 297784

Ion Ratio Lower Upper

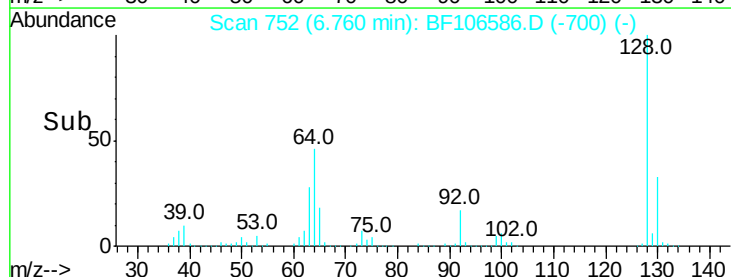
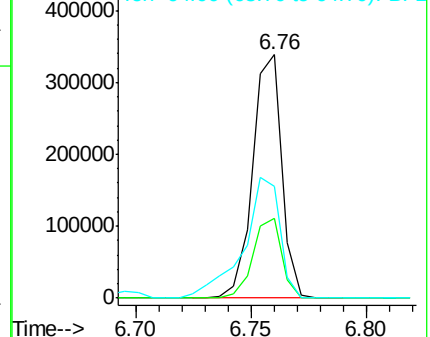
128 100

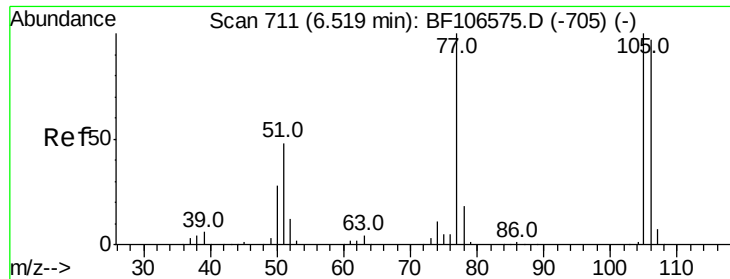
130 32.9 13.0 53.0

64 46.0 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

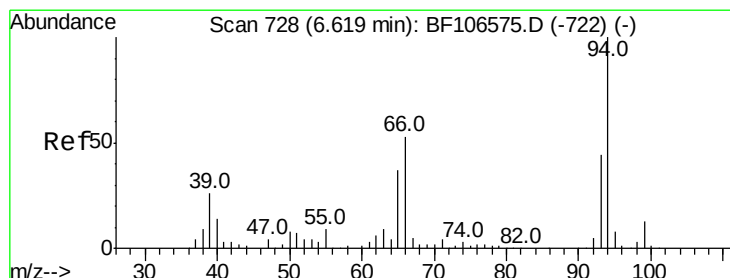
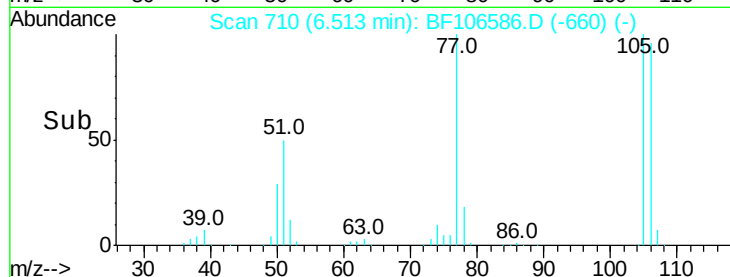
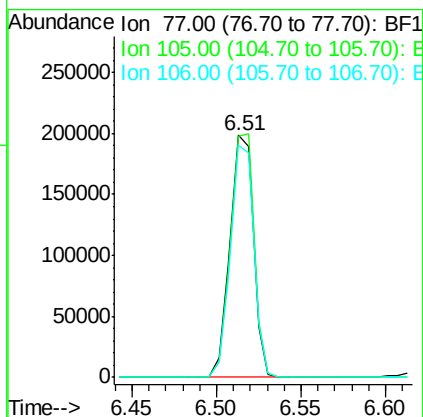
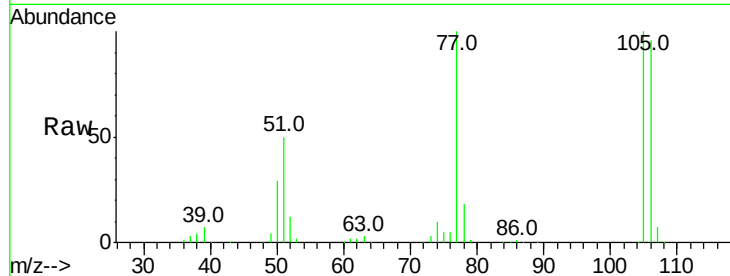




#9
Benzaldehyde
Concen: 29.756 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

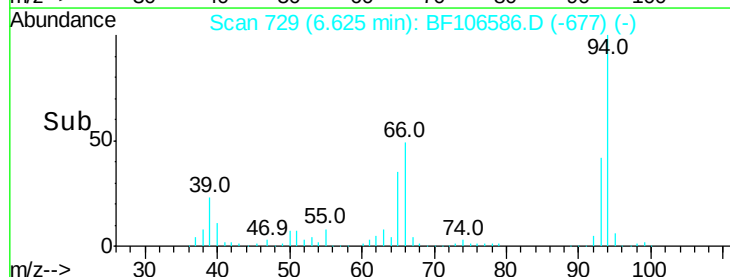
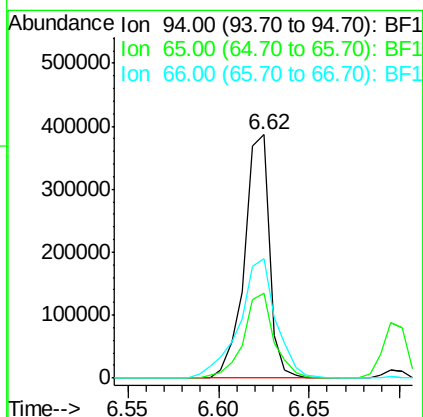
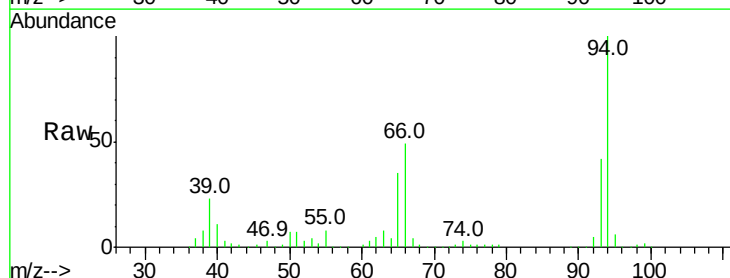
Instrument :
BNA_F
ClientSampleId :

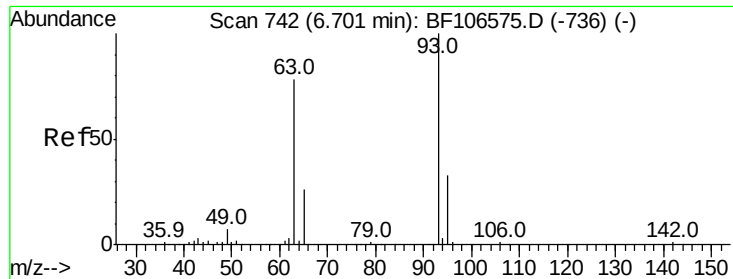
Tot Ion: 77 Resp: 190904
Ion Ratio Lower Upper
77 100
105 99.6 81.1 121.1
106 96.0 74.5 114.5



#10
Phenol
Concen: 37.032 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion: 94 Resp: 371736
Ion Ratio Lower Upper
94 100
65 34.7 7.9 47.9
66 49.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.870 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

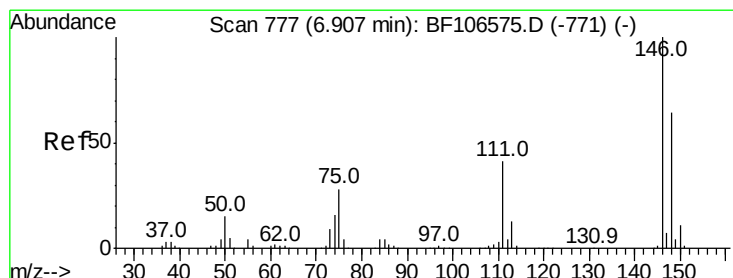
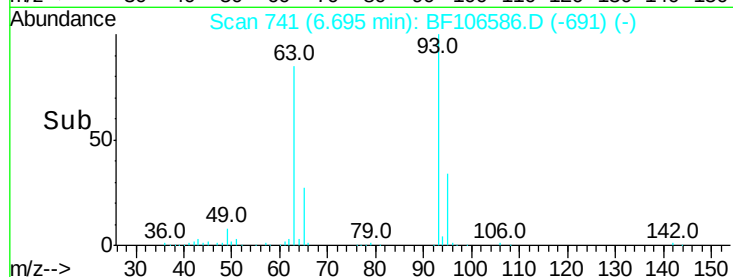
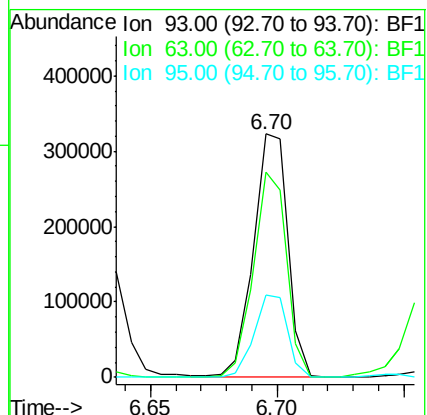
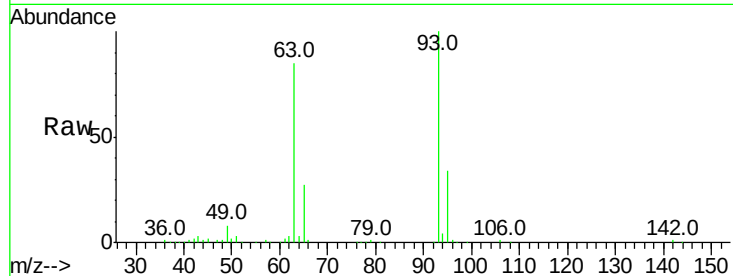
Tot Ion: 93 Resp: 305547

Ion Ratio Lower Upper

93 100

63 84.5 58.6 98.6

95 33.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.026 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

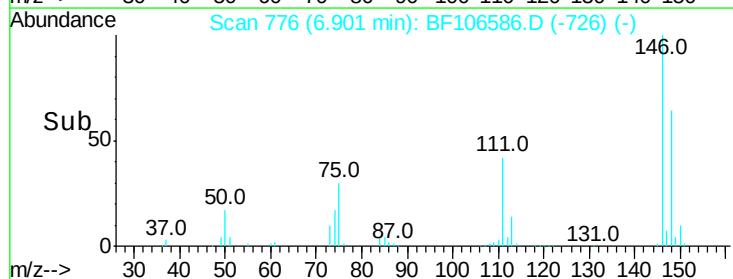
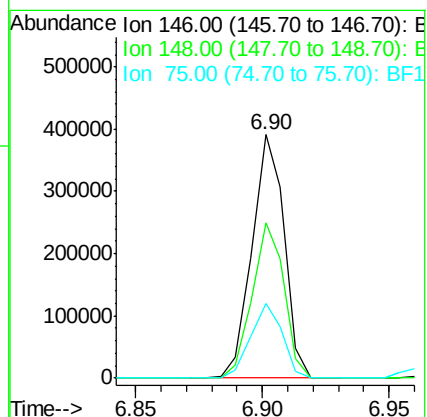
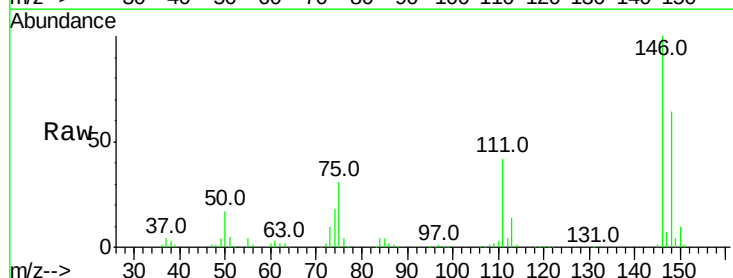
Tgt Ion: 146 Resp: 344068

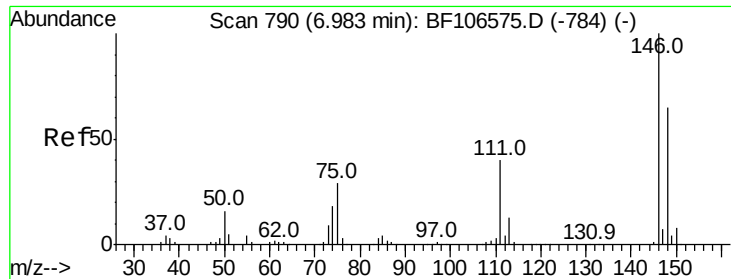
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

75 30.5 24.2 36.4

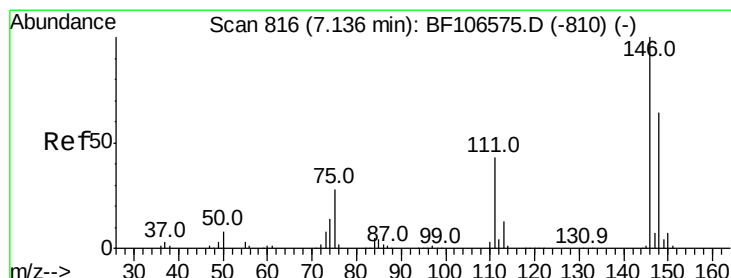
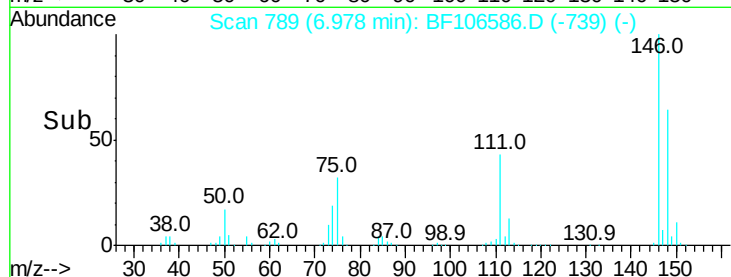
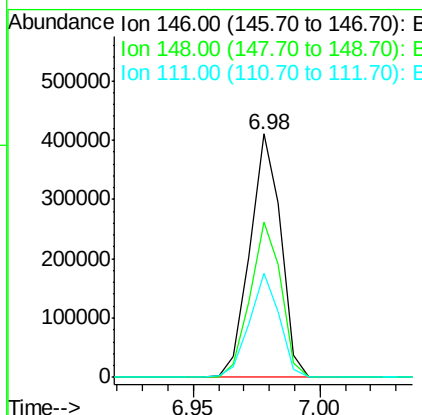
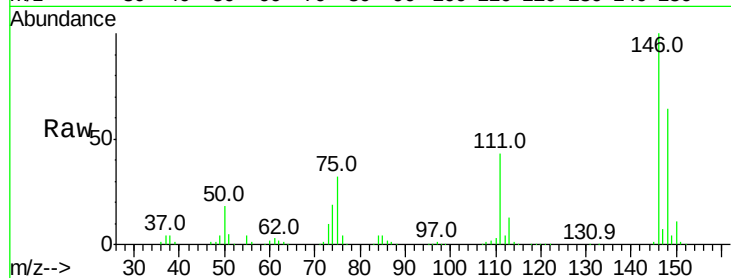




#13
 1,4-Dichlorobenzene
 Concen: 37.894 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

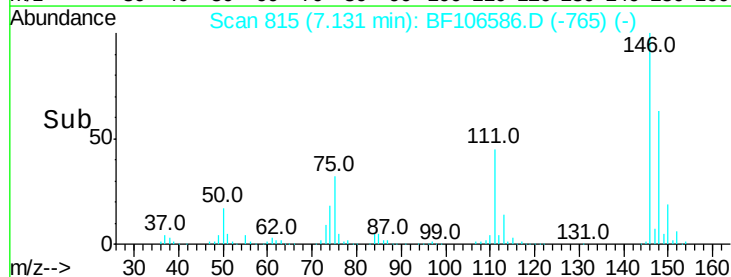
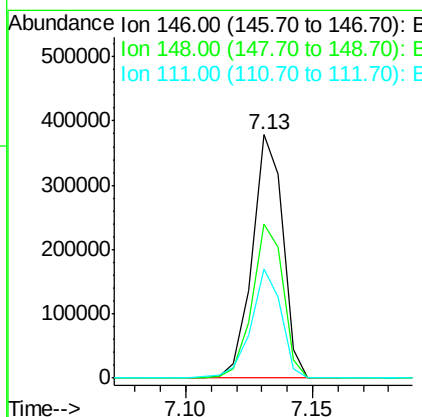
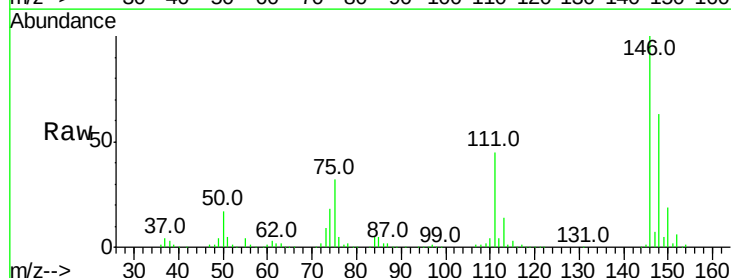
Instrument :
 BNA_F
 ClientSampleId :

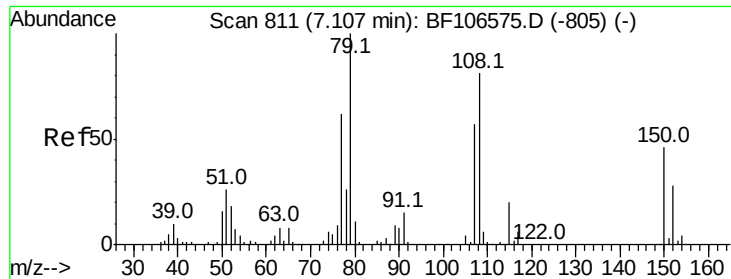
Tot Ion:146 Resp: 346638
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 42.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.976 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion:146 Resp: 318373
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 44.8 36.0 54.0

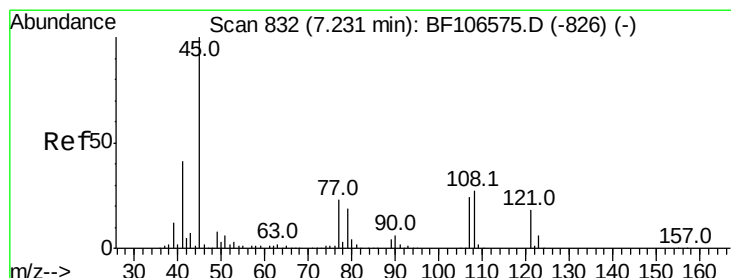
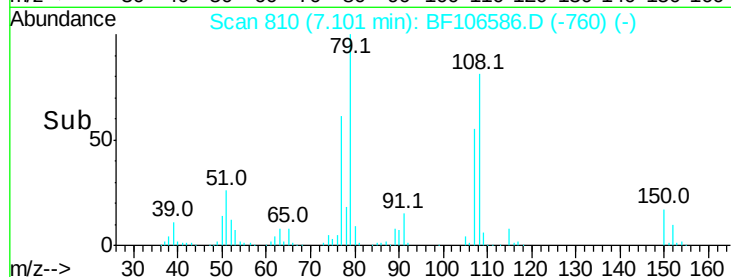
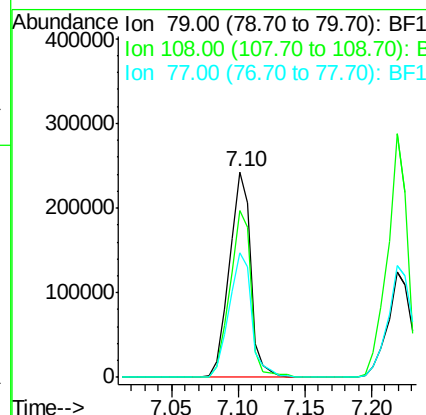
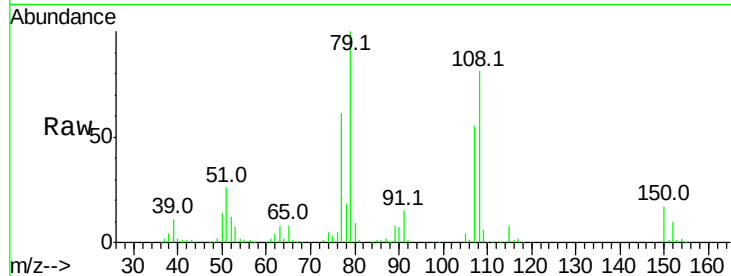




#15
Benzyl Alcohol
Concen: 39.026 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

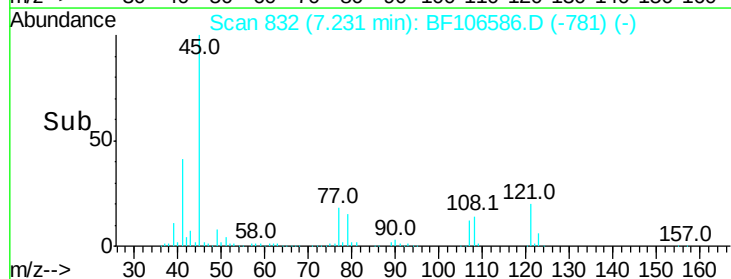
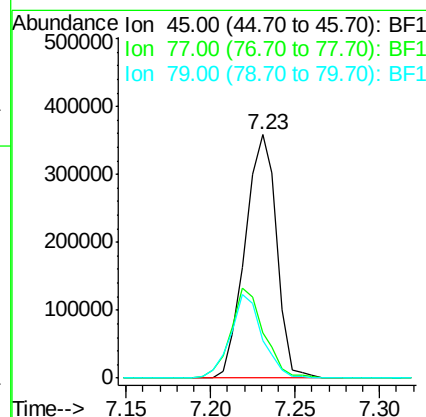
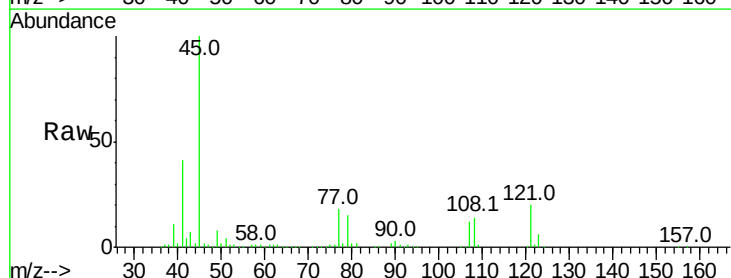
Instrument :
BNA_F
ClientSampleId :

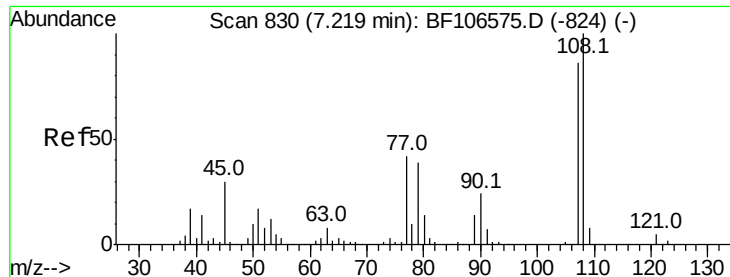
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.0	65.1	97.7
77	60.7	50.6	75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.943 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	32.9
79	15.2	0.0	29.6

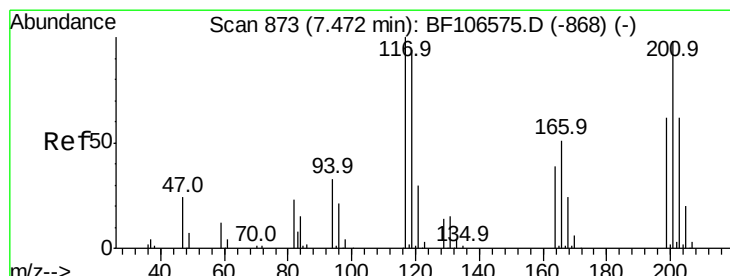
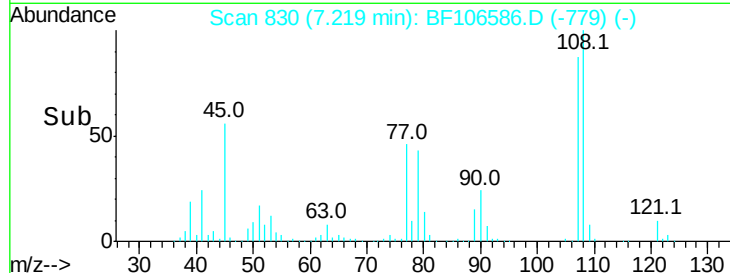
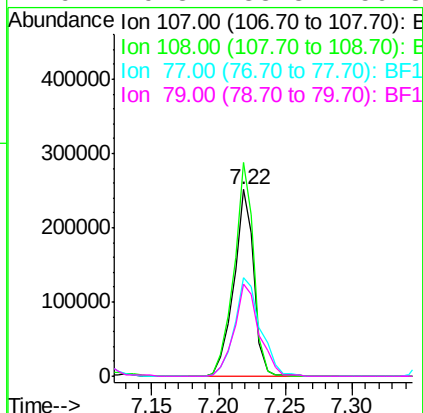
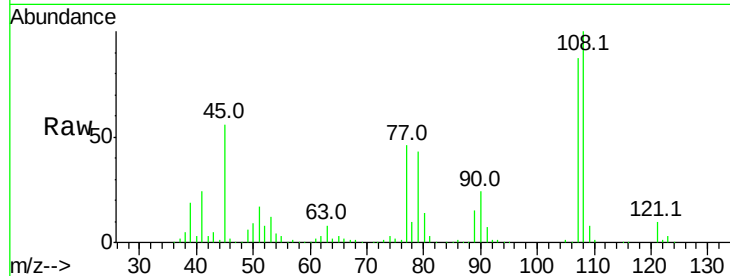




#17
2-Methylphenol
Concen: 39.836 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

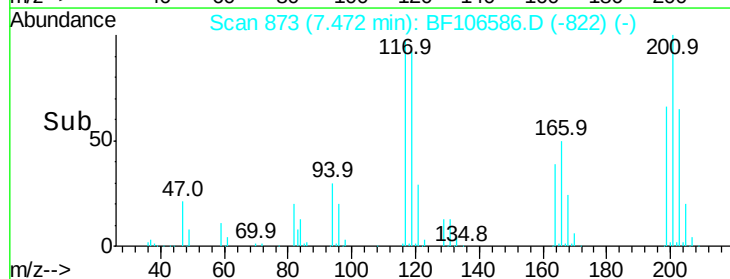
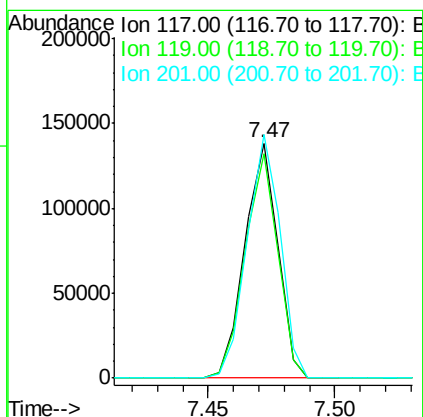
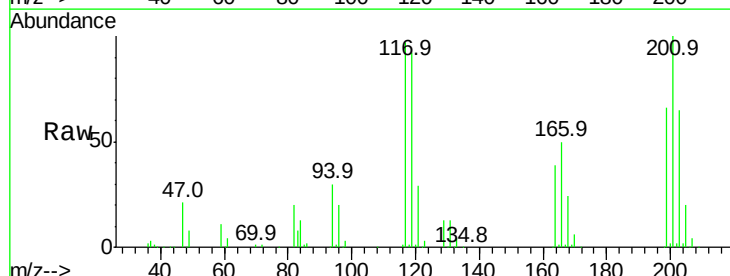
Instrument :
BNA_F
ClientSampleId :

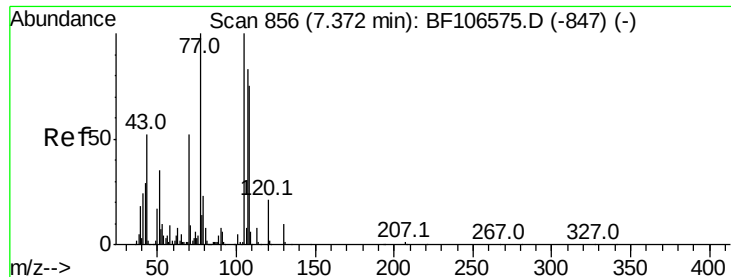
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	52.5	33.8	50.8
79	49.3	33.8	50.8



#18
Hexachloroethane
Concen: 38.987 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	103.6	75.7	113.5

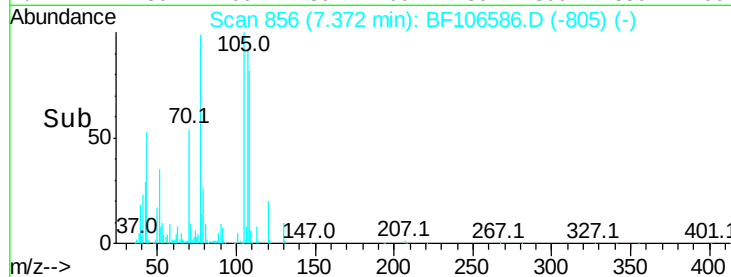
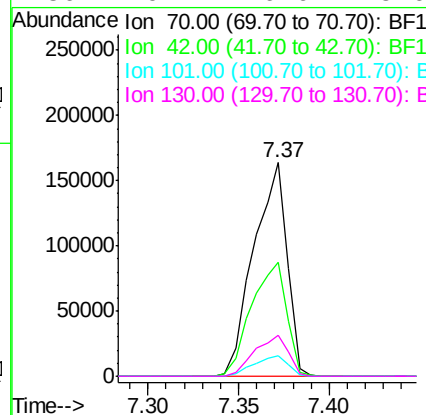
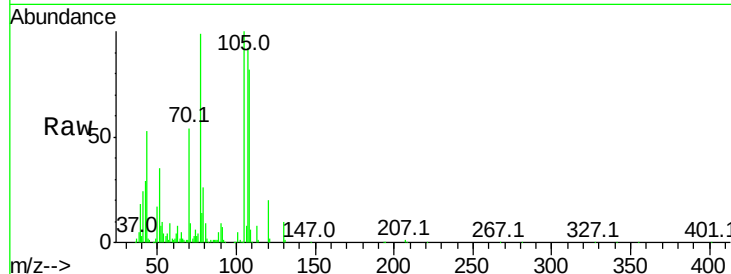




#19
n-Nitroso-di-n-propylamine
Concen: 36.174 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

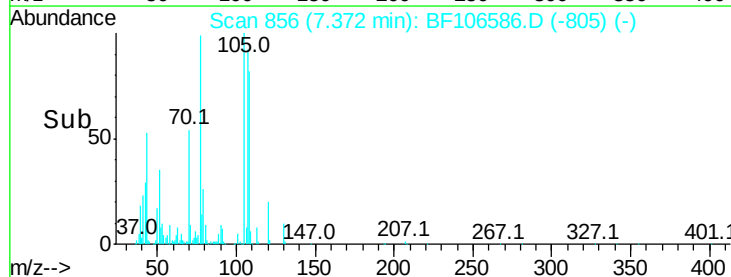
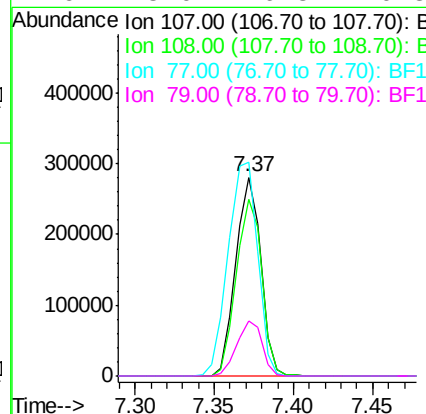
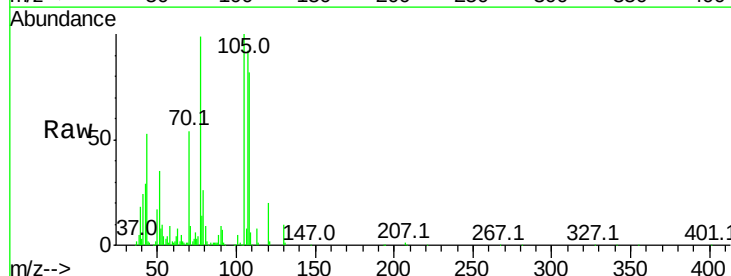
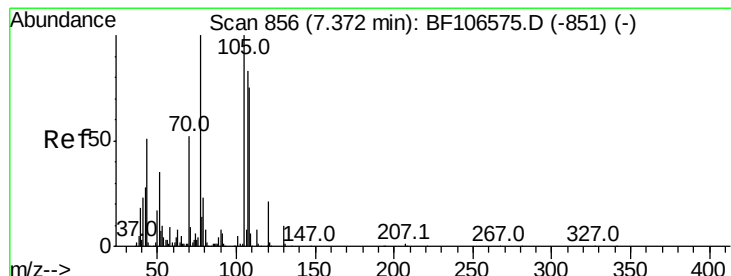
Instrument :
BNA_F
ClientSampleId :

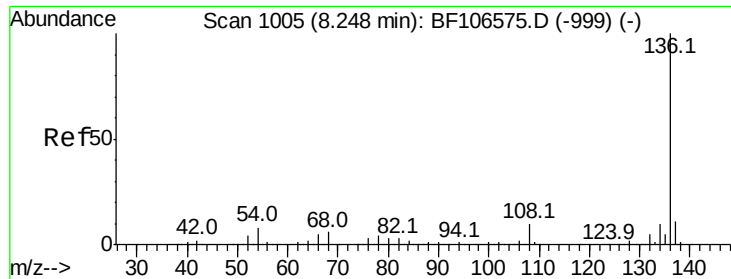
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.5	71.3
101	9.7	7.4	11.2
130	19.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.752 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	107.4	26.7	66.7#
79	28.0	6.3	46.3

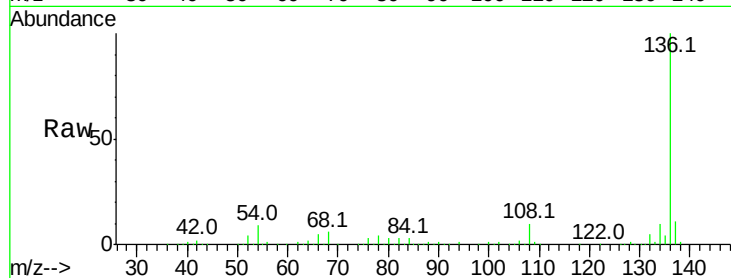




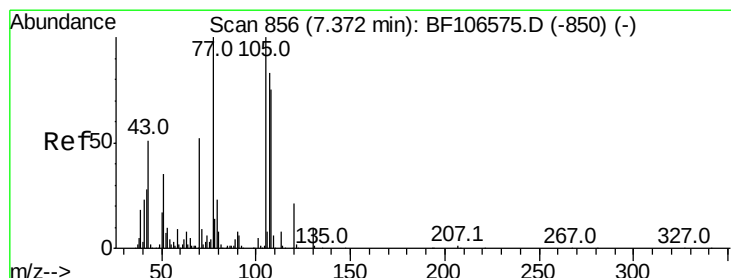
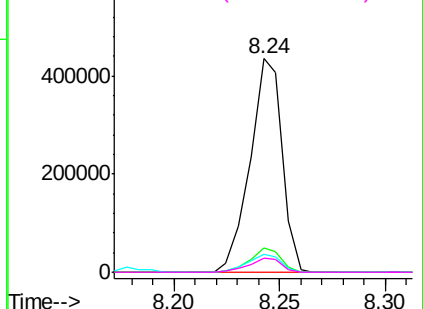
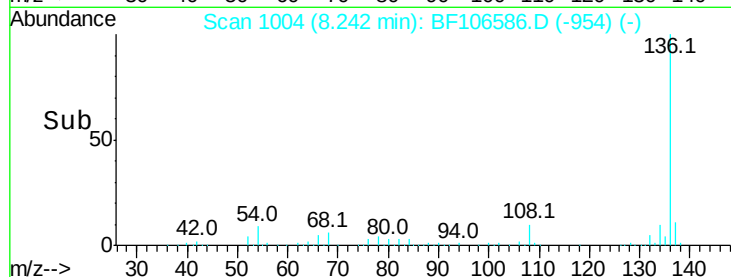
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 458866
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 8.6	6.6 9.8
68 6.4	5.0 7.4

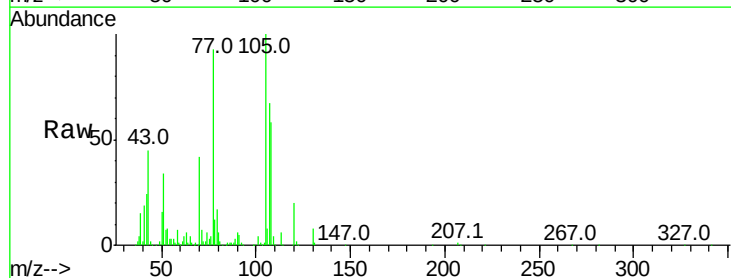


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

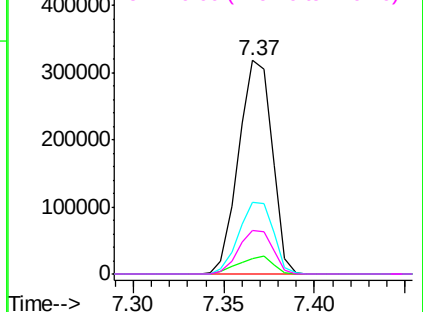
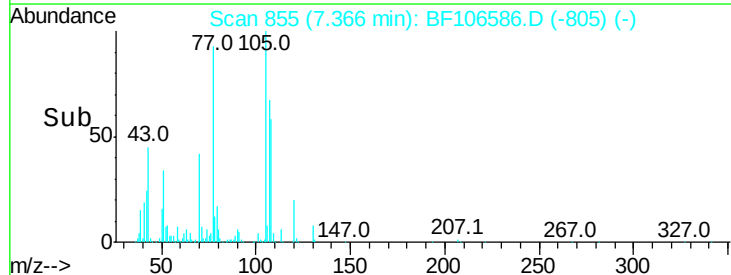


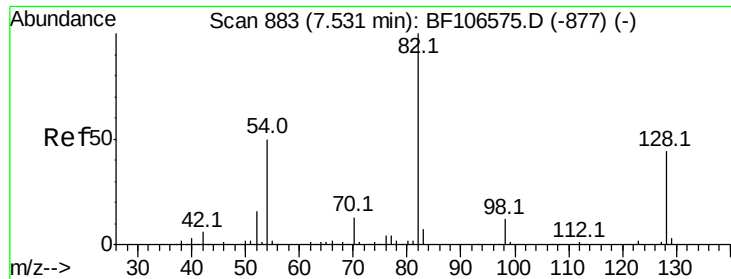
#22
Acetophenone
Concen: 39.852 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt	Ion:105	Resp:	409117
Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.4	6.6#
51	33.9	22.3	33.5#
120	20.2	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

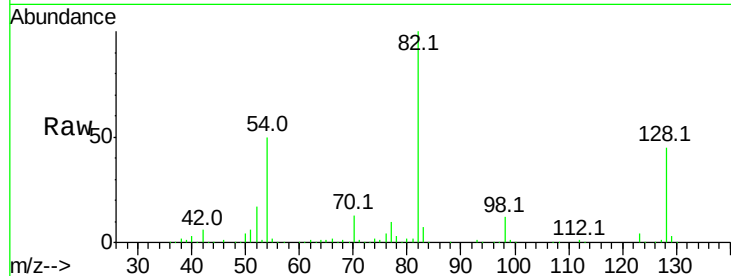




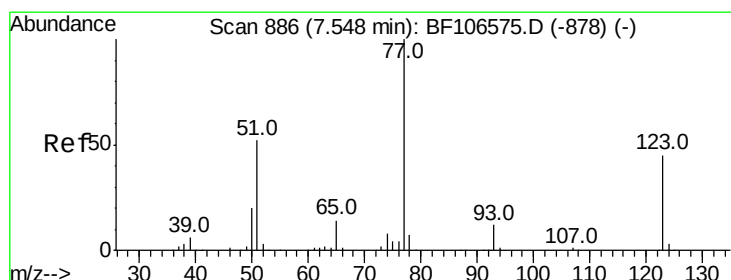
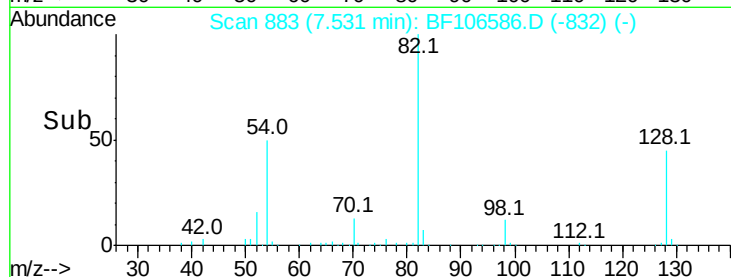
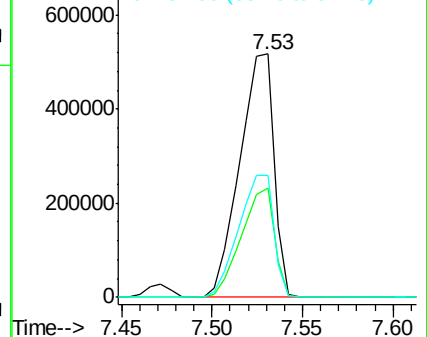
#23
 Nitrobenzene-d5
 Concen: 82.183 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 678575
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 50.0 41.4 62.2

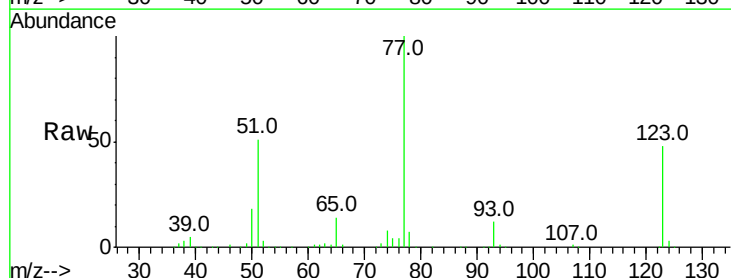


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

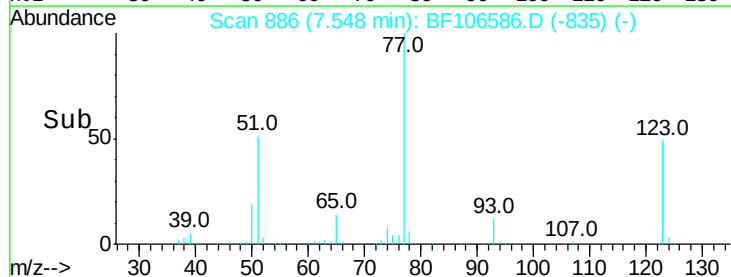
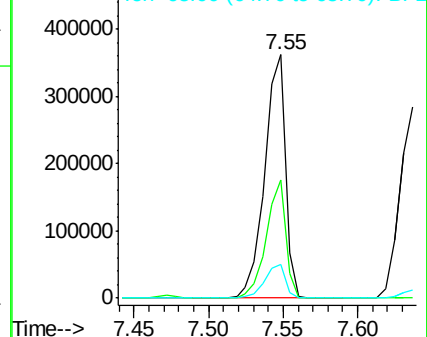


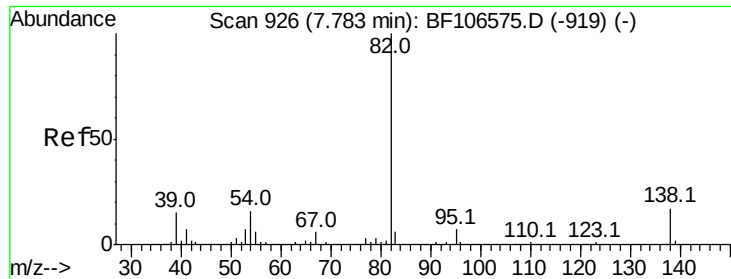
#24
 Nitrobenzene
 Concen: 40.887 ng
 RT: 7.55 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion: 77 Resp: 344679
 Ion Ratio Lower Upper
 77 100
 123 48.5 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: 44.013 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

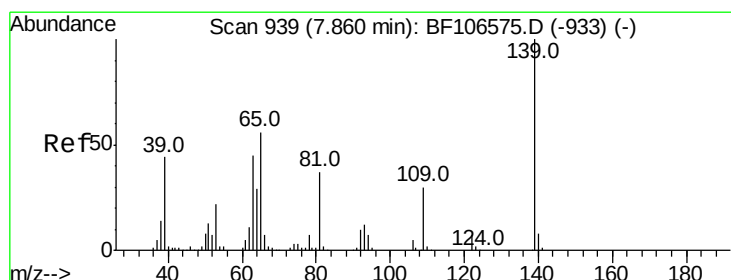
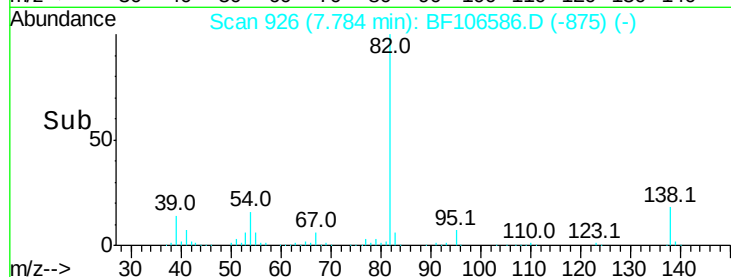
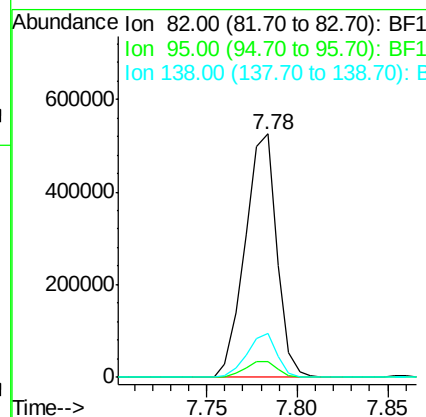
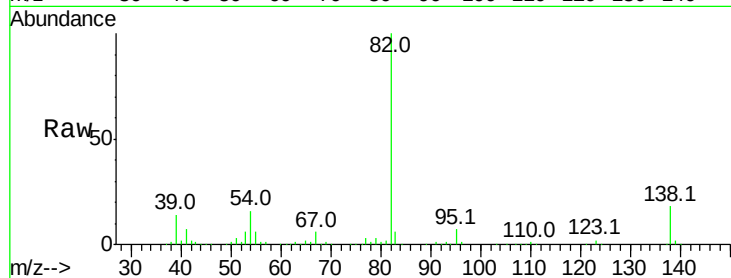
Tot Ion: 82 Resp: 640377

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 43.323 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

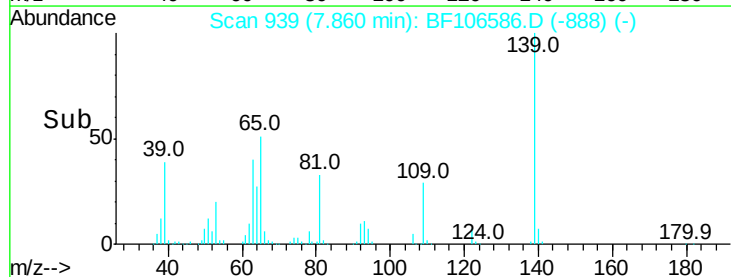
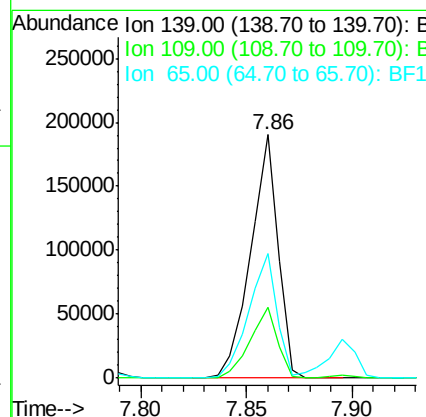
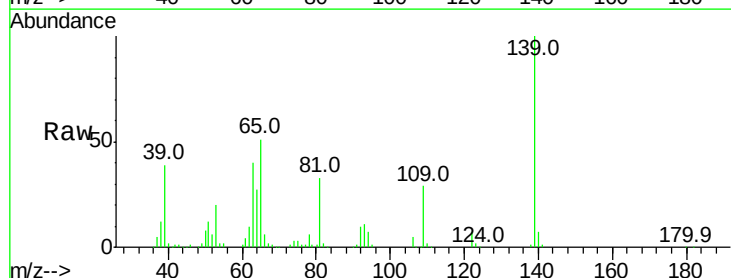
Tgt Ion: 139 Resp: 172406

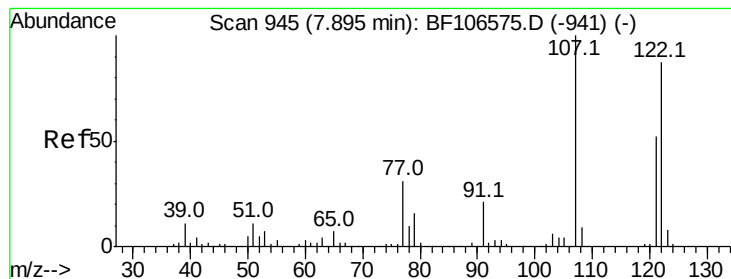
Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

65 50.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.245 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

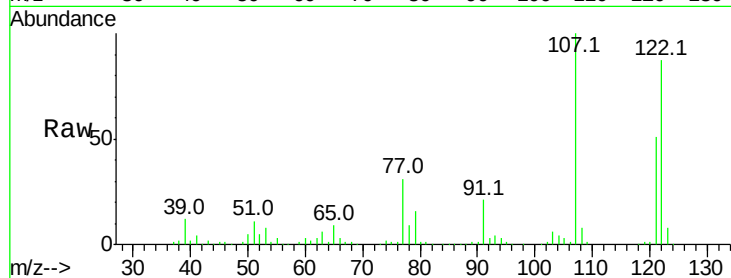
Tot Ion:122 Resp: 284449

Ion Ratio Lower Upper

122 100

107 115.0 91.2 136.8

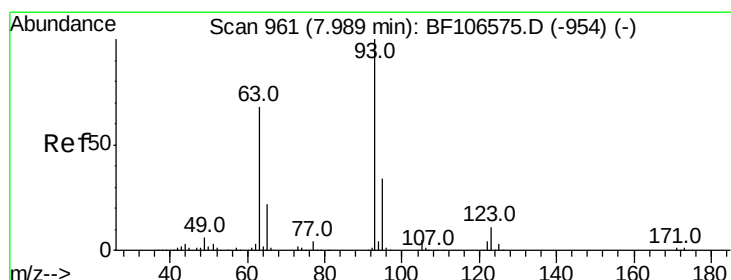
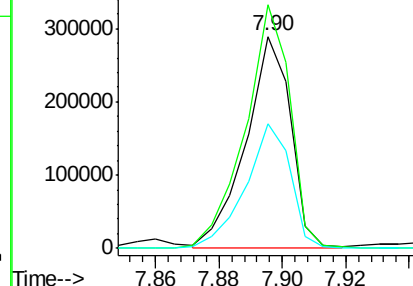
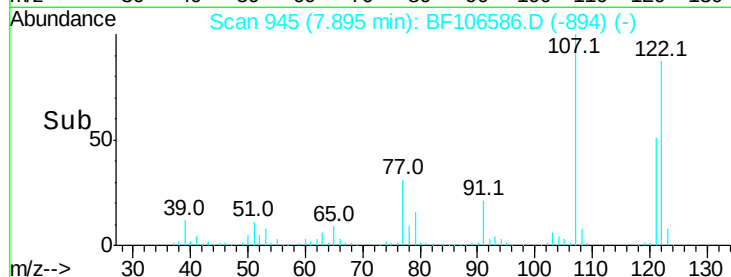
121 58.6 47.2 70.8



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: 40.967 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

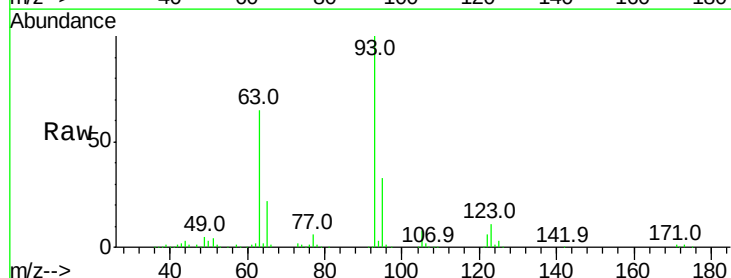
Tgt Ion: 93 Resp: 400211

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

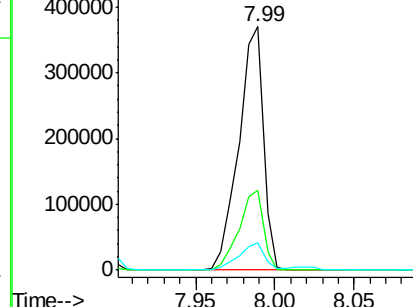
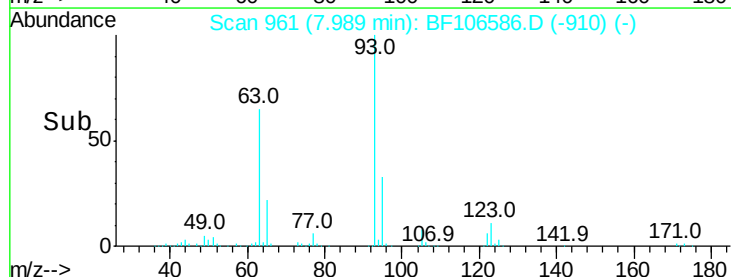
123 11.3 9.8 14.6

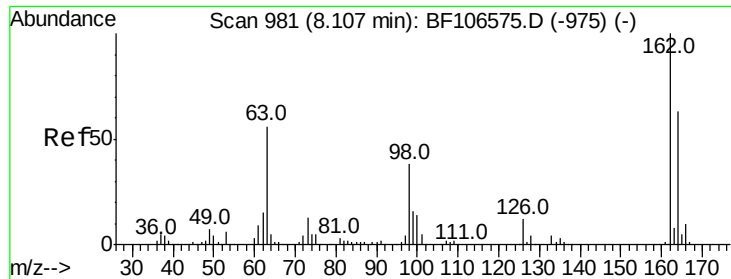


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

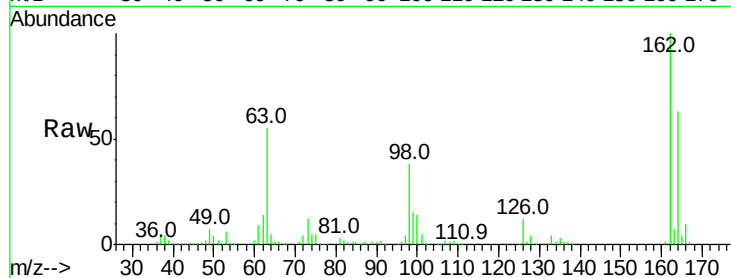




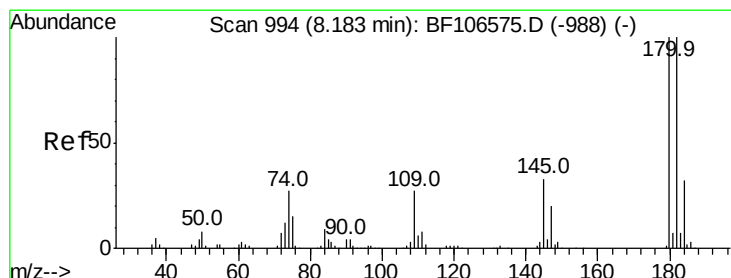
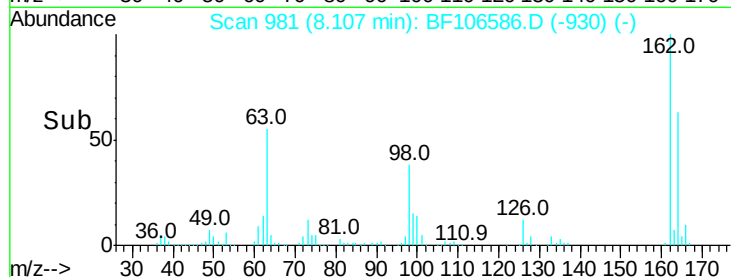
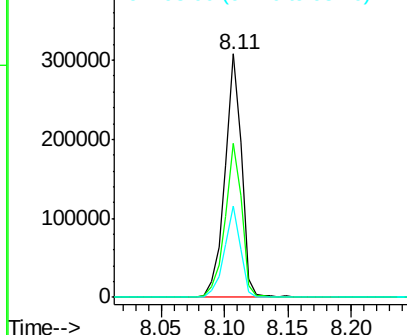
#29
 2,4-Dichlorophenol
 Concen: 43.466 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 279903
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 37.6 18.1 58.1

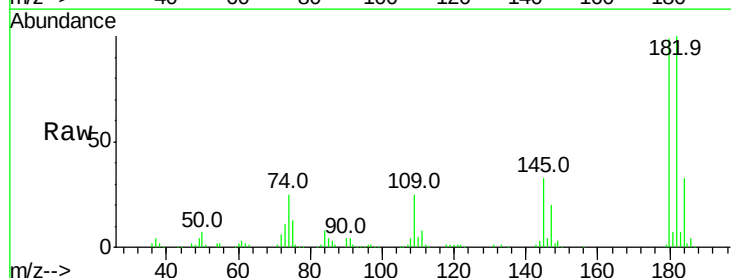


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

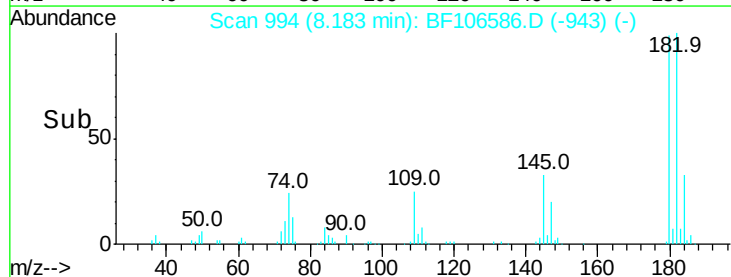
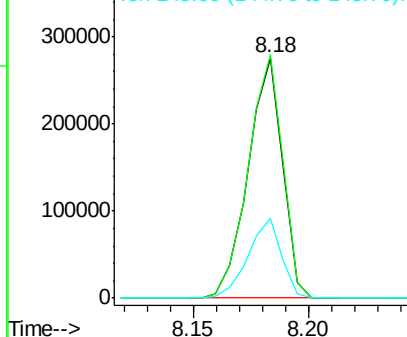


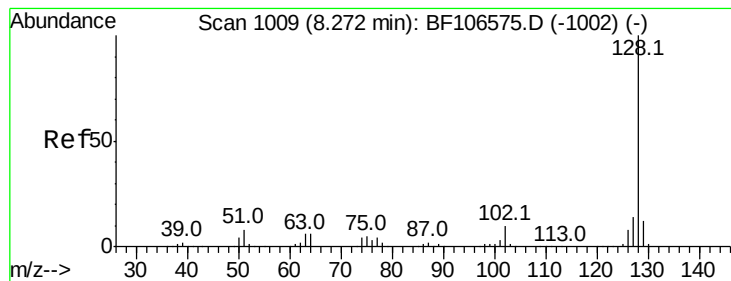
#30
 1,2,4-Trichlorobenzene
 Concen: 40.426 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion:180 Resp: 286783
 Ion Ratio Lower Upper
 180 100
 182 101.5 76.8 115.2
 145 33.2 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: 40.291 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

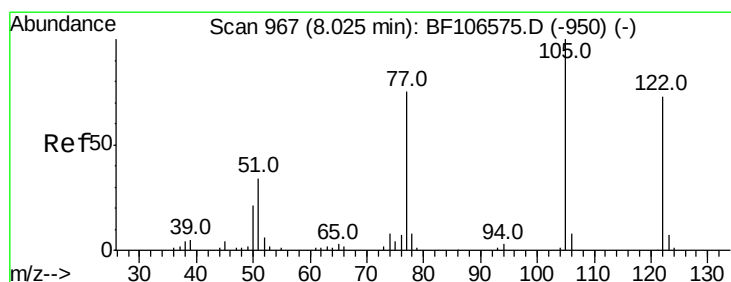
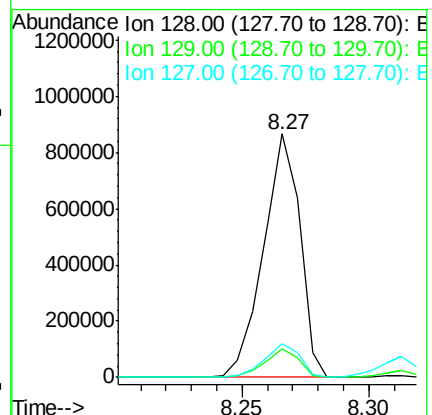
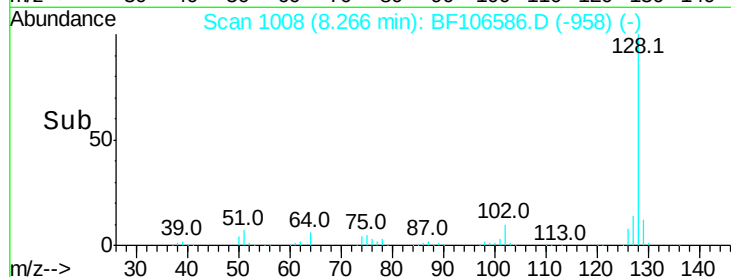
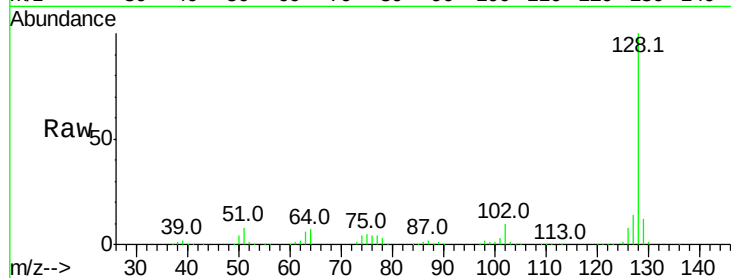
Tot Ion:128 Resp: 864370

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

127 14.0 10.9 16.3



#32

Benzoic acid

Concen: 35.693 ng

RT: 8.02 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

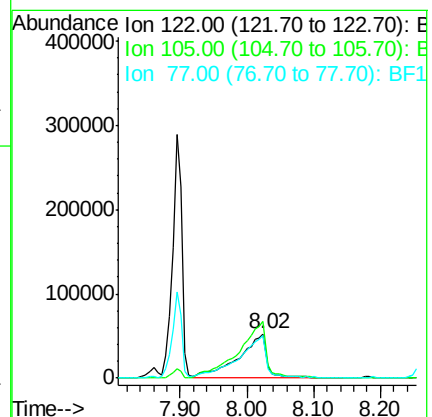
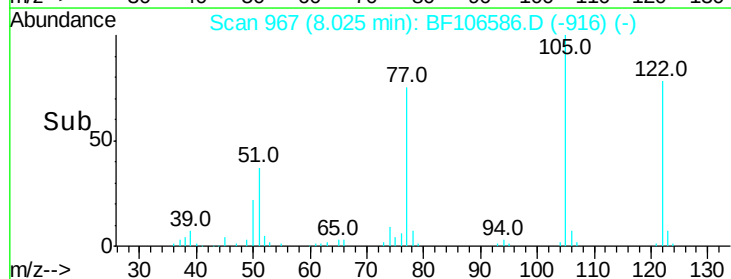
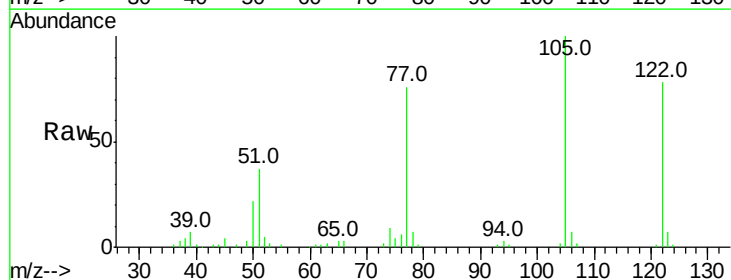
Tgt Ion:122 Resp: 152232

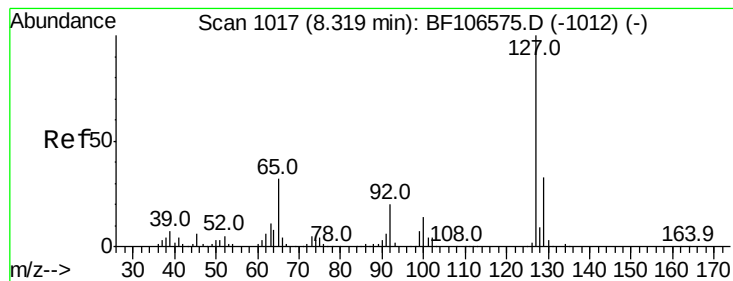
Ion Ratio Lower Upper

122 100

105 127.8 101.1 141.1

77 97.2 70.7 110.7





#33

4-Chloroaniline

Concen: 9.364 ng

RT: 8.31 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 84295

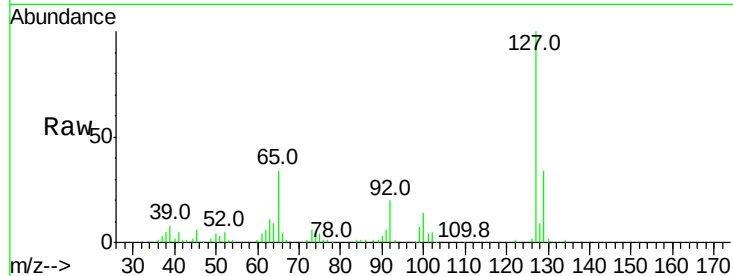
Ion Ratio Lower Upper

127 100

129 33.7 25.9 38.9

65 33.5 25.0 37.4

92 20.1 15.2 22.8

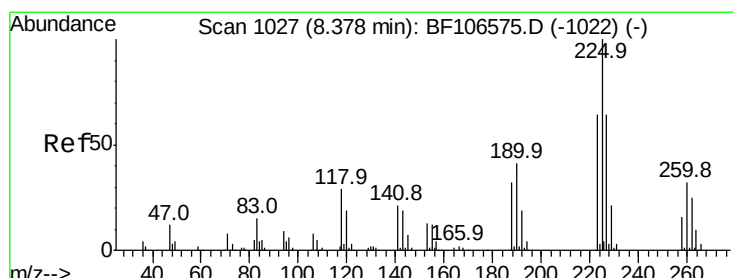
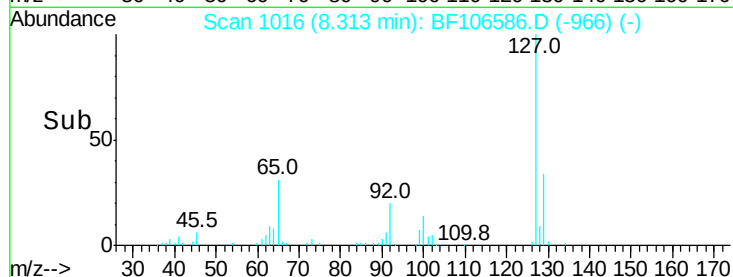
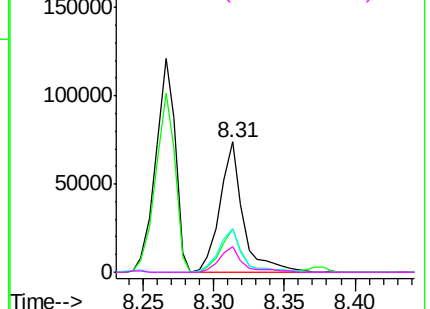


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.915 ng

RT: 8.38 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

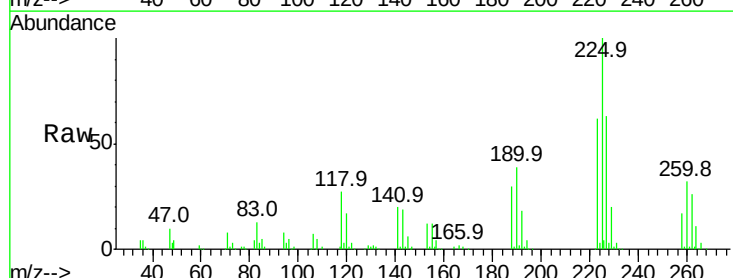
Tgt Ion:225 Resp: 184506

Ion Ratio Lower Upper

225 100

223 61.5 50.6 76.0

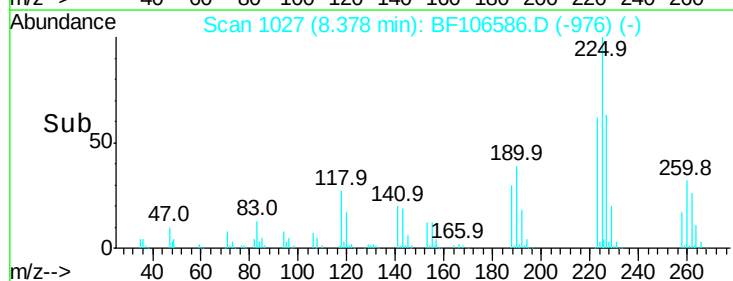
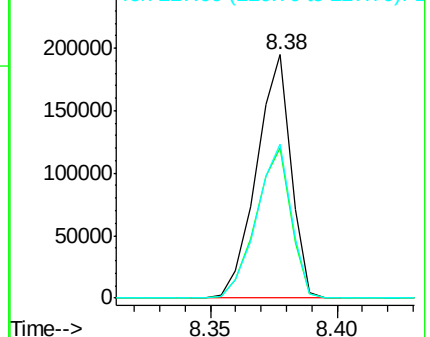
227 63.1 51.9 77.9

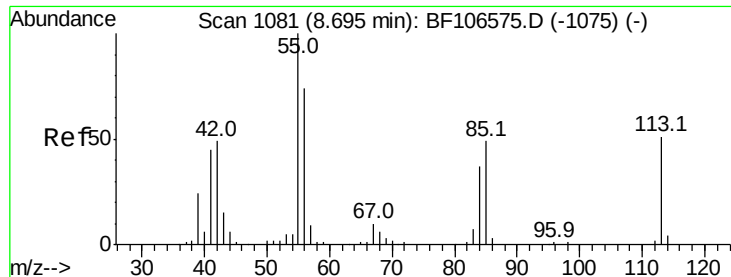


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.771 ng

RT: 8.70 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampled :

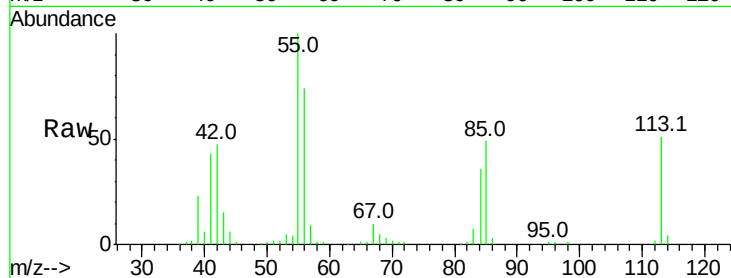
Tot Ion:113 Resp: 58295

Ion Ratio Lower Upper

113 100

55 197.0 163.3 203.3

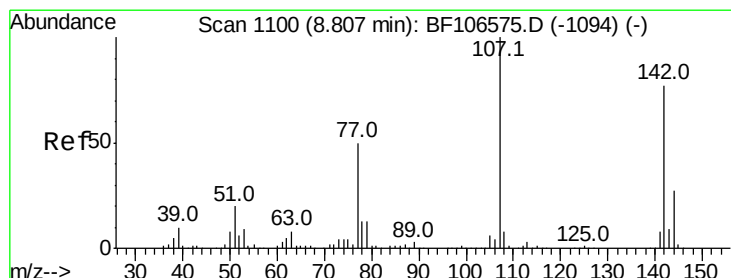
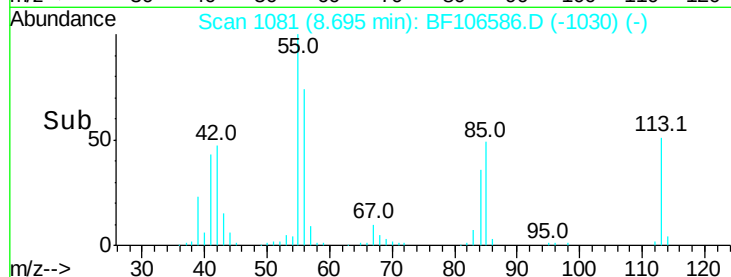
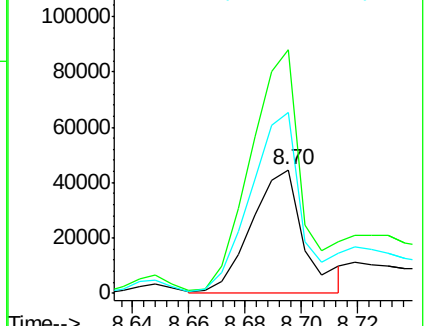
56 146.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.138 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

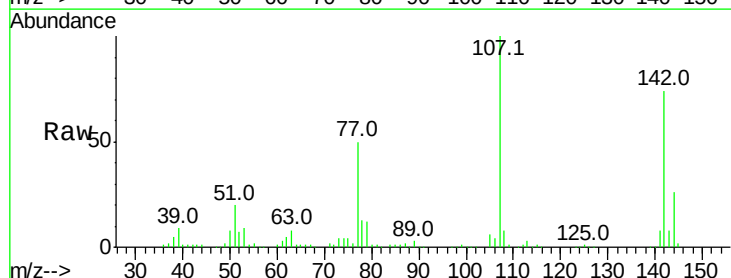
Tgt Ion:107 Resp: 299173

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

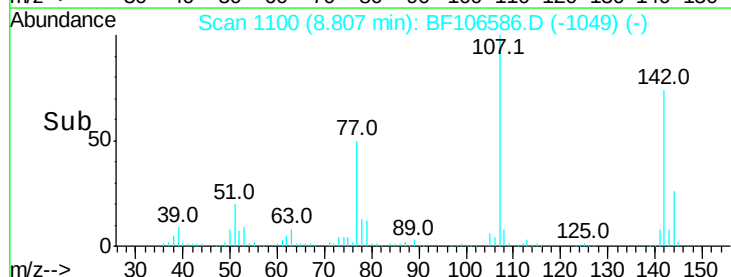
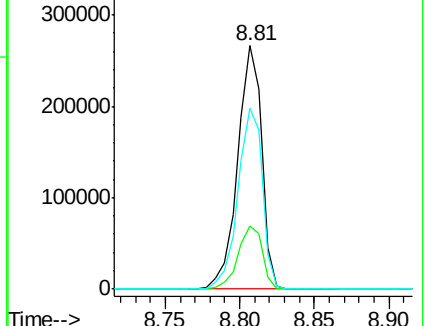
142 74.4 62.0 93.0

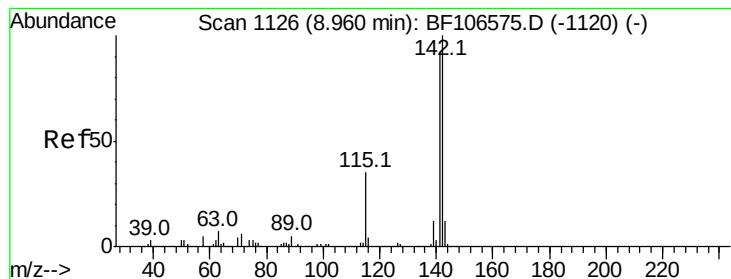


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.248 ng

RT: 8.96 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

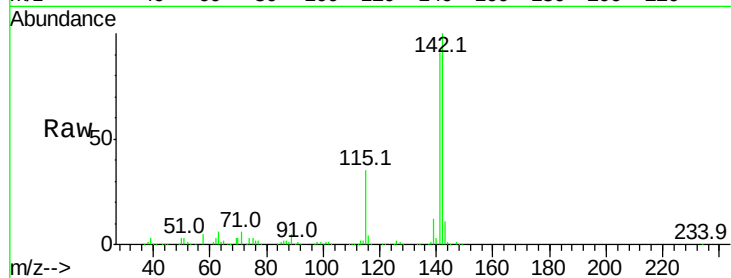
Tot Ion:142 Resp: 600756

Ion Ratio Lower Upper

142 100

141 90.9 70.8 106.2

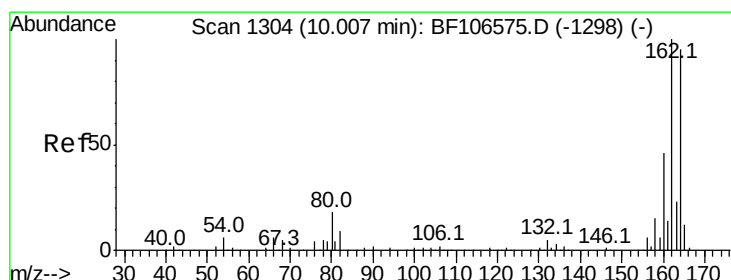
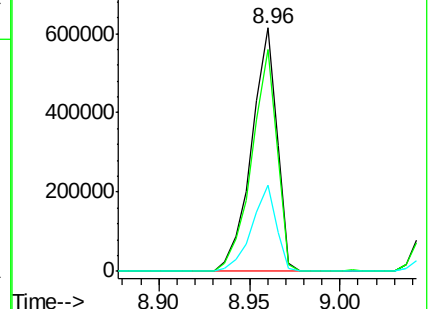
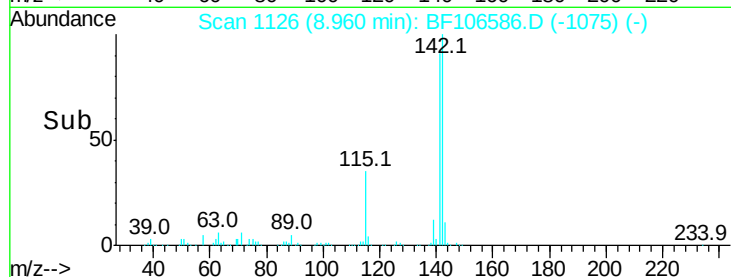
115 35.4 26.1 39.1



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: BF106586.D

Acq: 19 Jun 2018 17:07

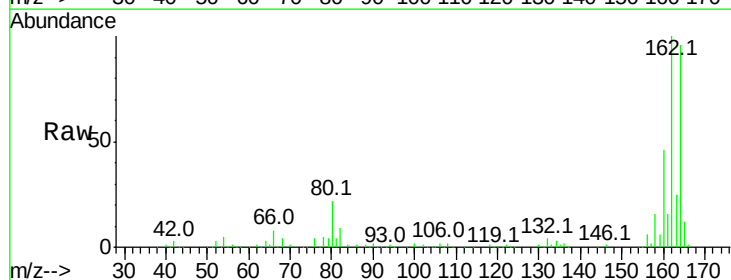
Tgt Ion:164 Resp: 226192

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

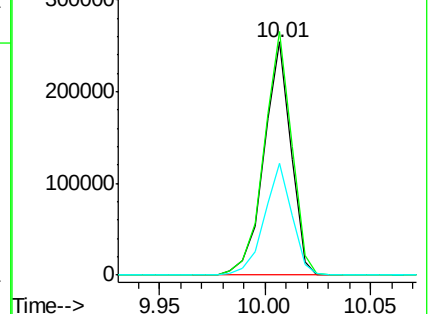
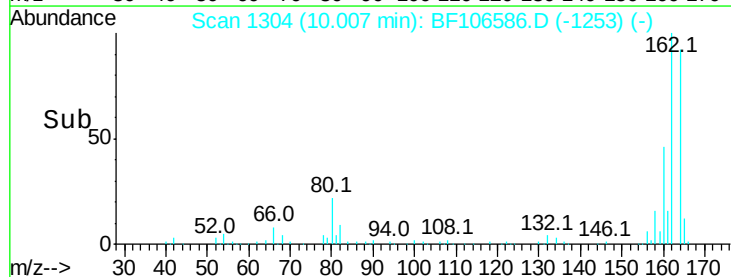
160 48.0 38.3 57.5

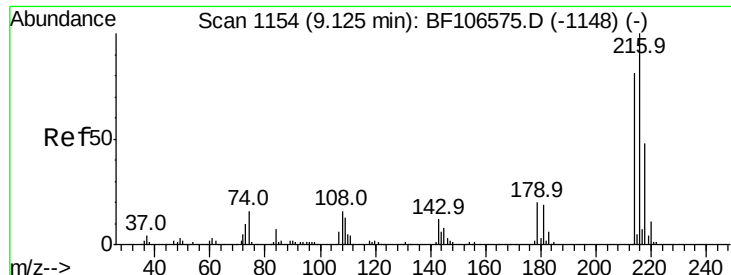


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

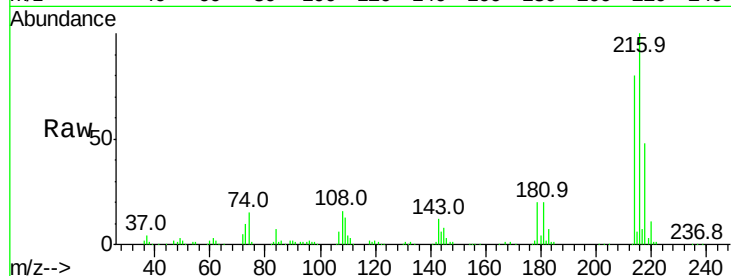




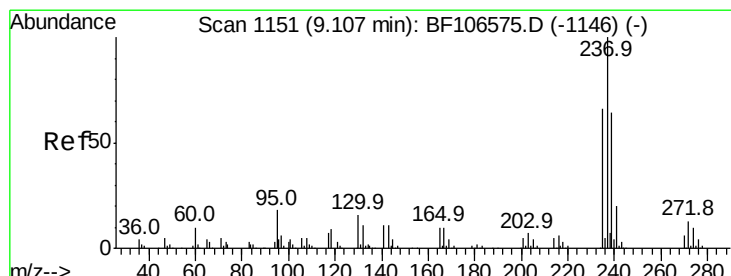
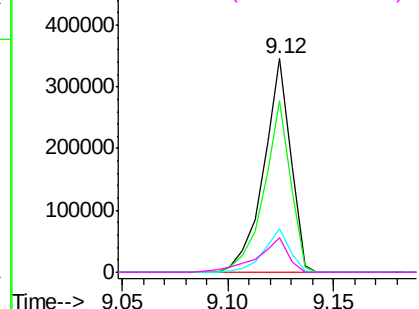
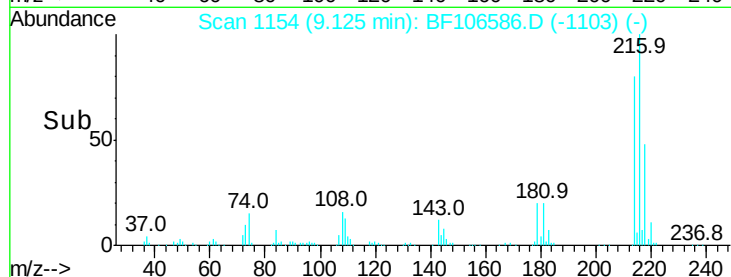
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.146 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	305809
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	19.7	18.1	27.1
108	18.9	17.2	25.8

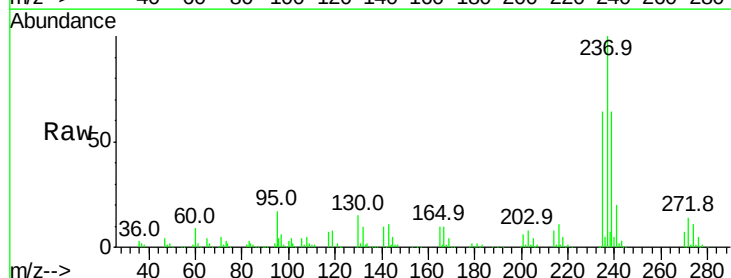


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

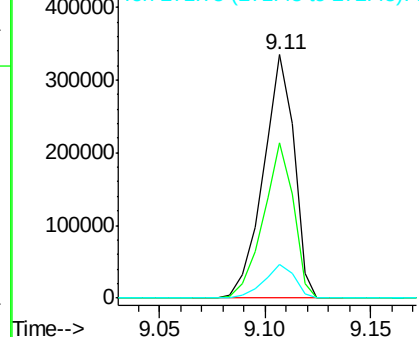
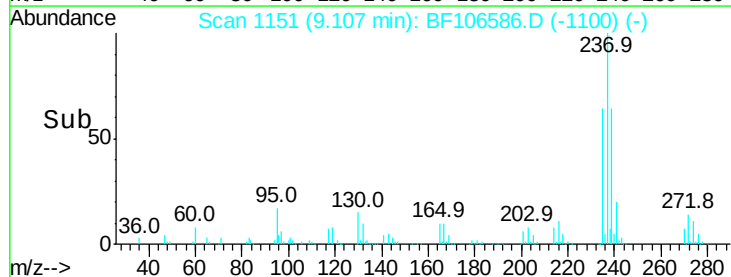


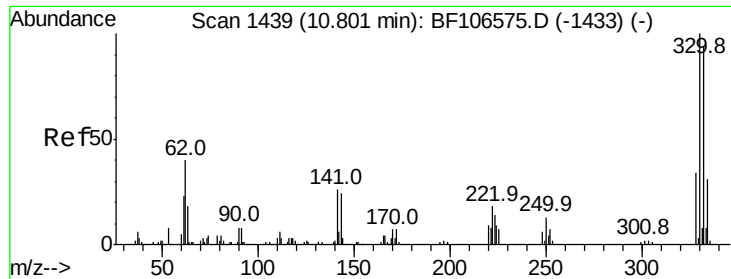
#40
 Hexachlorocyclopentadiene
 Concen: 86.605 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion:	237	Resp:	339417
Ion	Ratio	Lower	Upper
237	100		
235	64.0	44.8	84.8
272	13.7	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

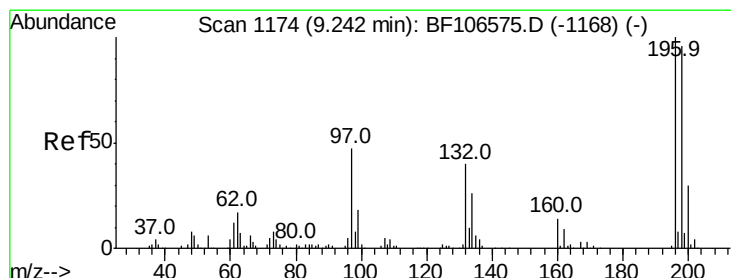
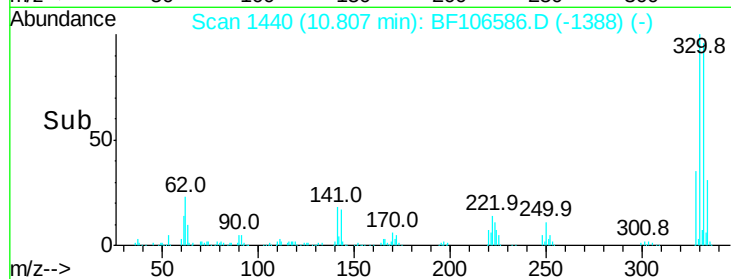
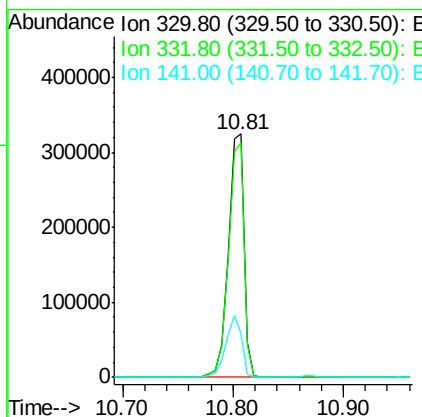
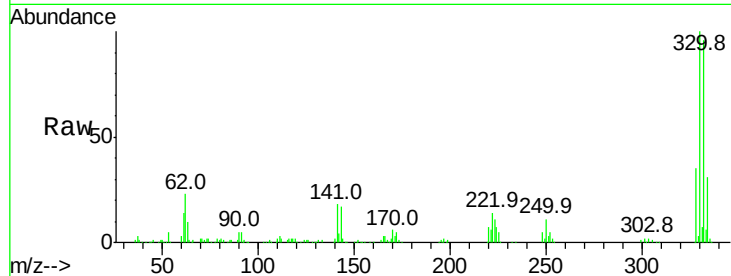




#41
 2,4,6-Tribromophenol
 Concen: 123.425 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

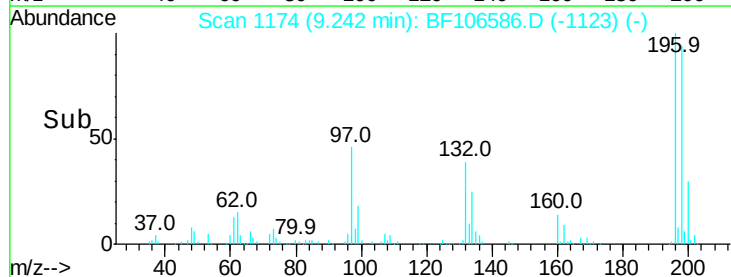
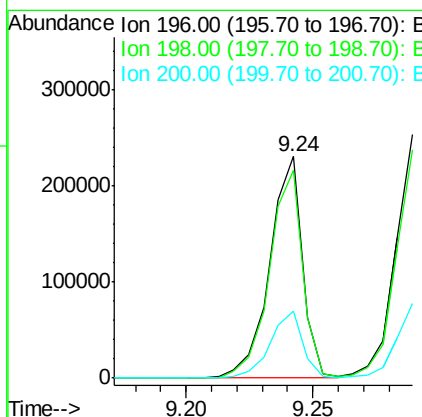
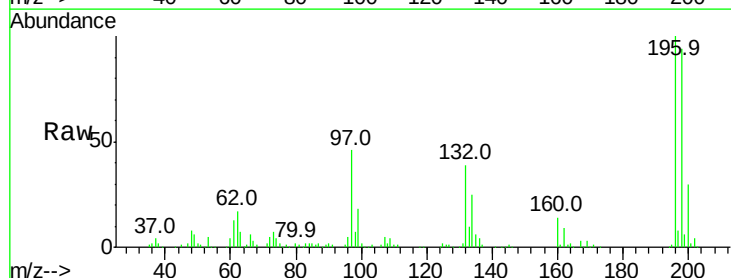
Instrument :
 BNA_F
 ClientSampleId :

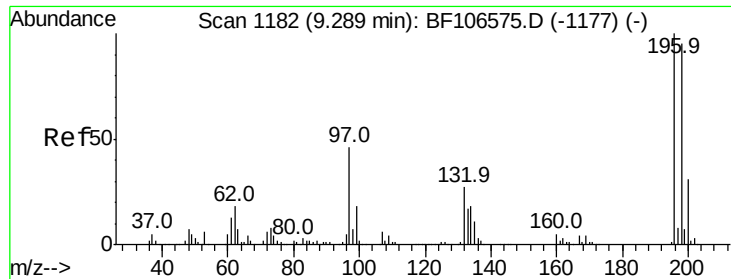
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	25.7	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 41.462 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	30.4	24.5	36.7

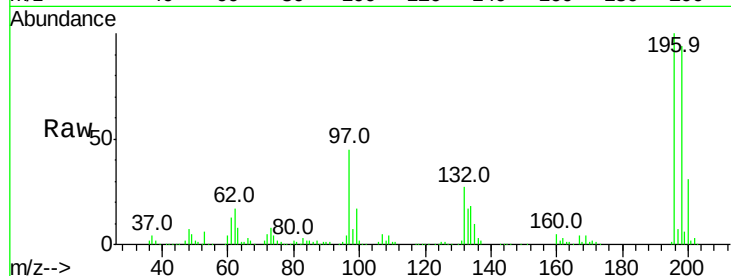




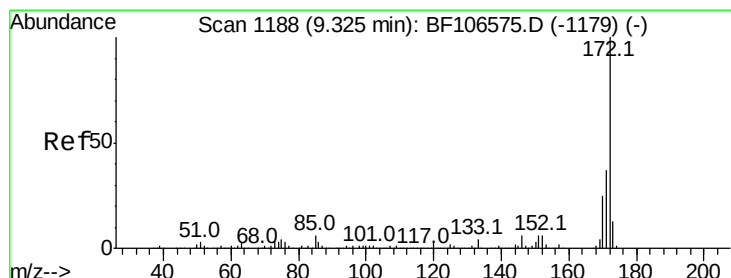
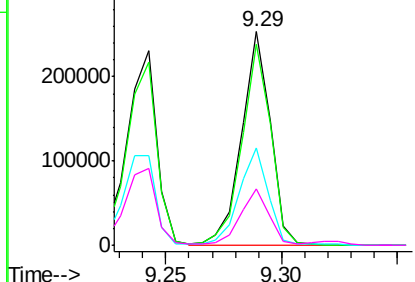
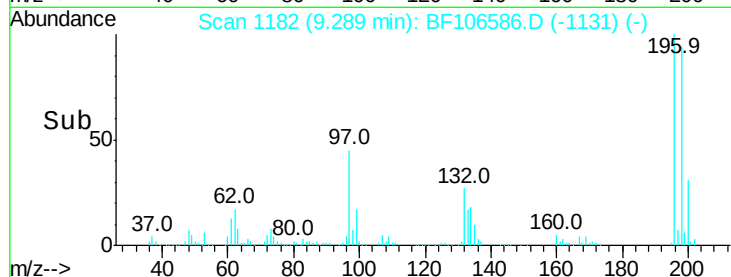
#43
 2,4,5-Trichlorophenol
 Concen: 41.894 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	221347
Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.6	112.0
97	45.3	42.9	64.3
132	26.6	26.3	39.5

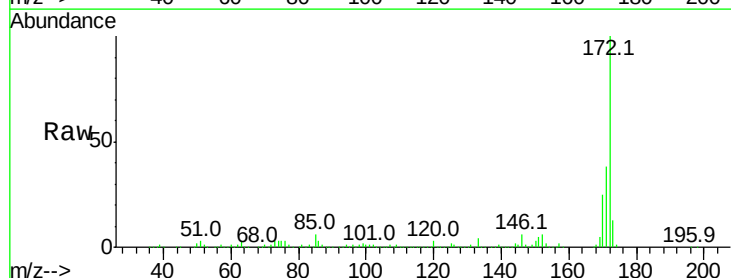


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

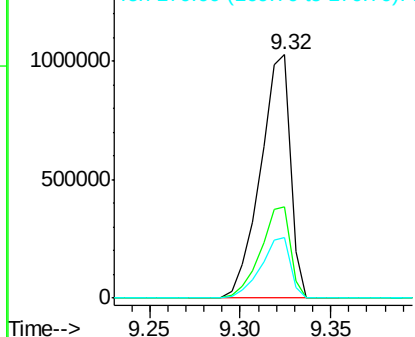
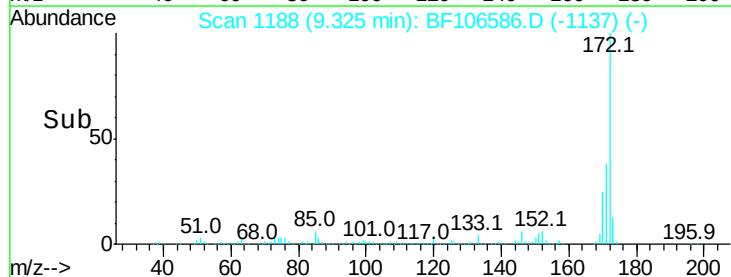


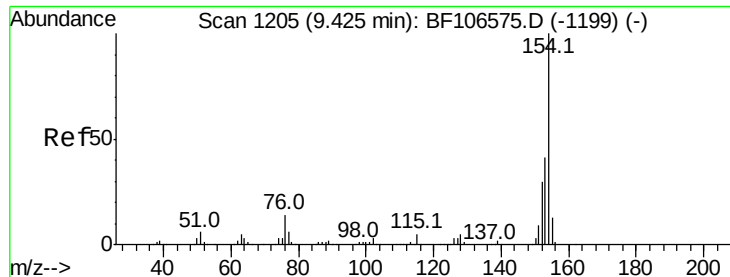
#44
 2-Fluorobiphenyl
 Concen: 89.355 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion:	172	Resp:	1183985
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.1	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 39.360 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampled :

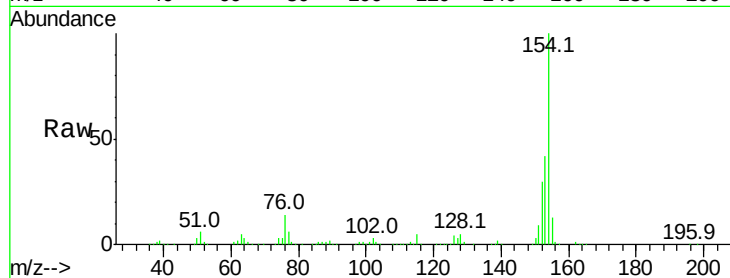
Tot Ion:154 Resp: 709515

Ion Ratio Lower Upper

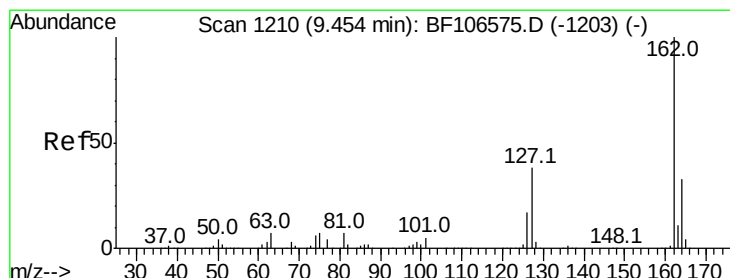
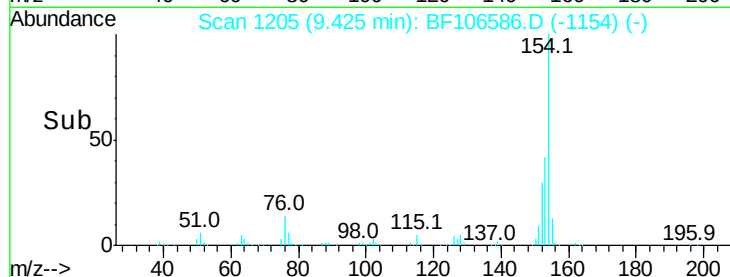
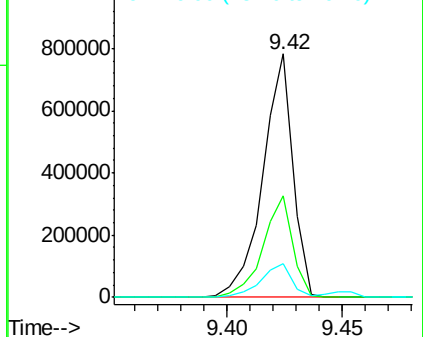
154 100

153 41.9 21.3 61.3

76 13.7 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 40.520 ng

RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

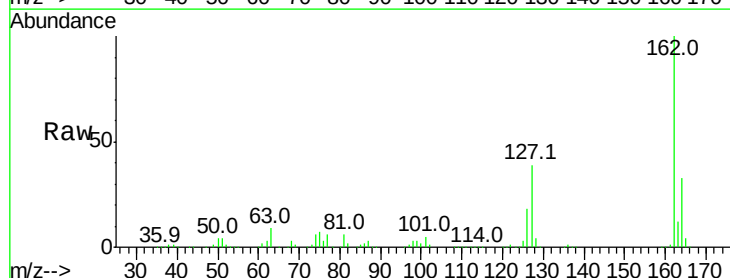
Tgt Ion:162 Resp: 574954

Ion Ratio Lower Upper

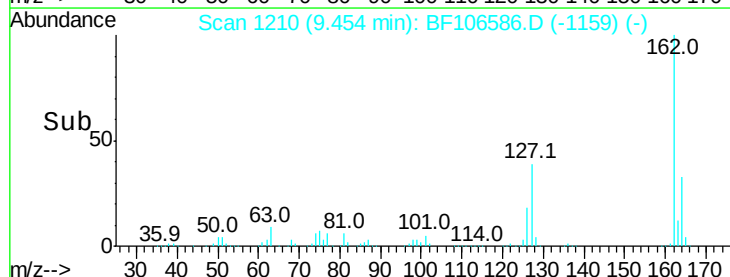
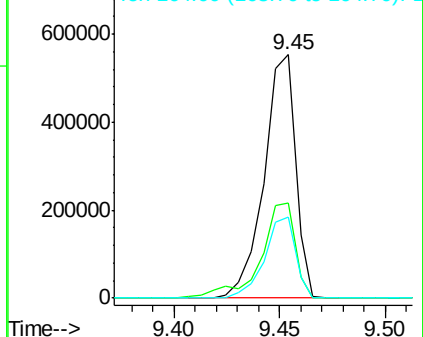
162 100

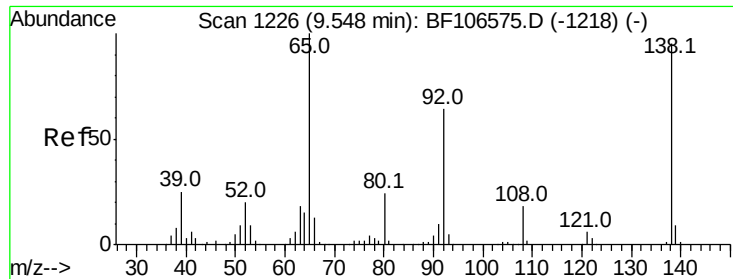
127 38.9 33.9 50.9

164 33.4 26.5 39.7



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

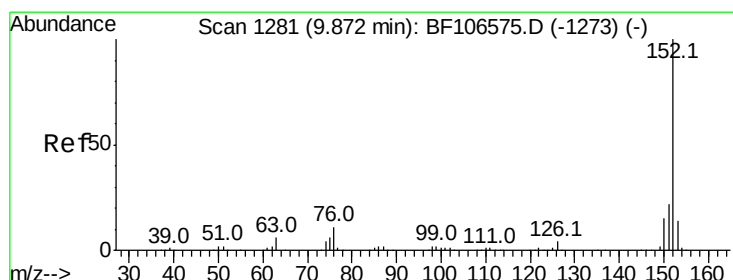
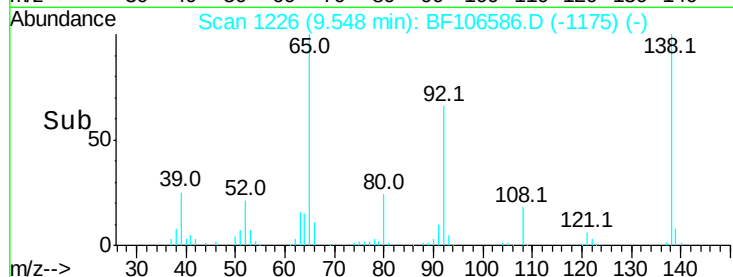
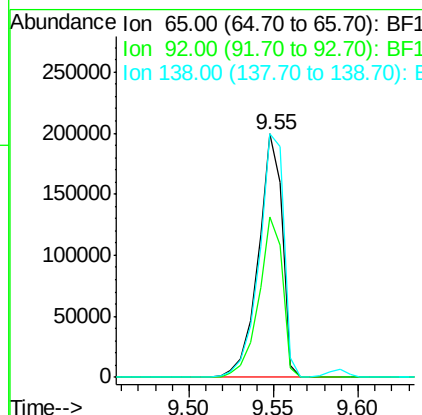
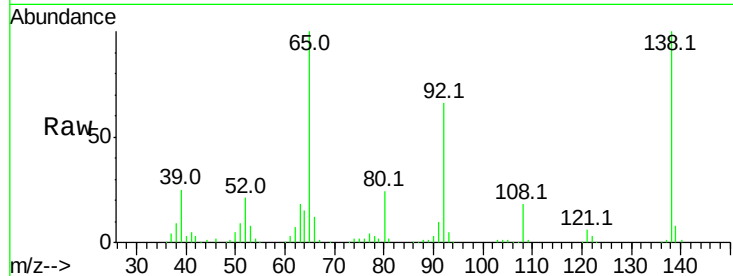




#47
2-Nitroaniline
Concen: 41.121 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

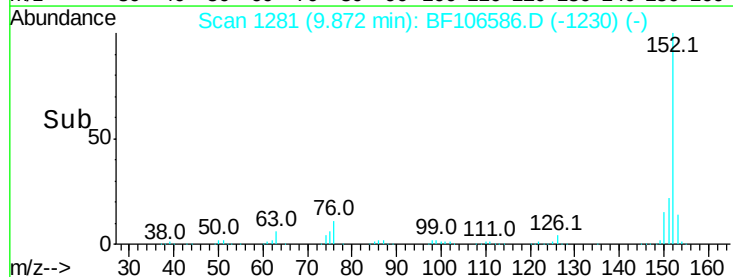
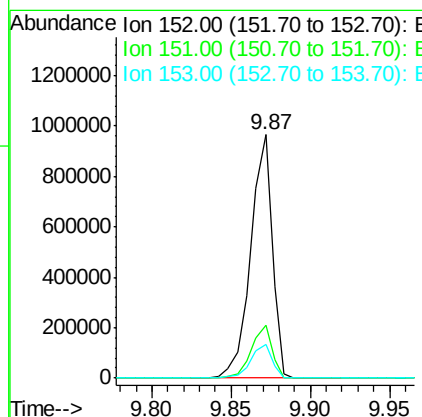
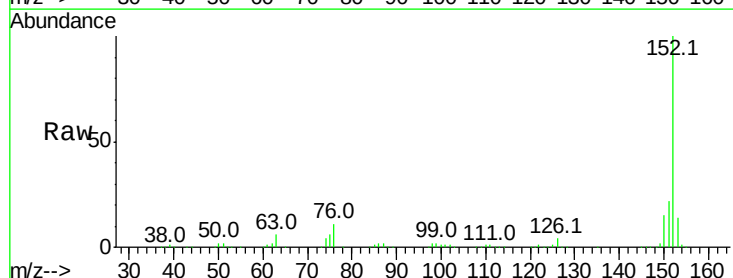
Instrument :
BNA_F
ClientSampled :

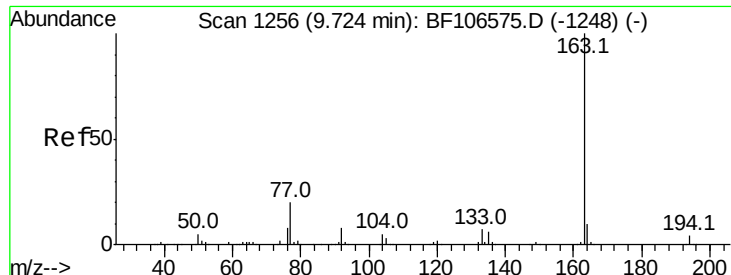
Tot Ion: 65 Resp: 196206
Ion Ratio Lower Upper
65 100
92 65.9 55.8 83.6
138 99.9 91.2 136.8



#48
Acenaphthylene
Concen: 40.579 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion:152 Resp: 909060
Ion Ratio Lower Upper
152 100
151 21.8 16.3 24.5
153 14.0 10.7 16.1





#49

Dimethylphthalate

Concen: 40.598 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

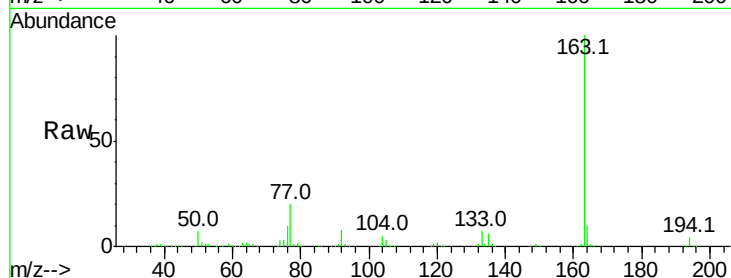
Tot Ion:163 Resp: 688734

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

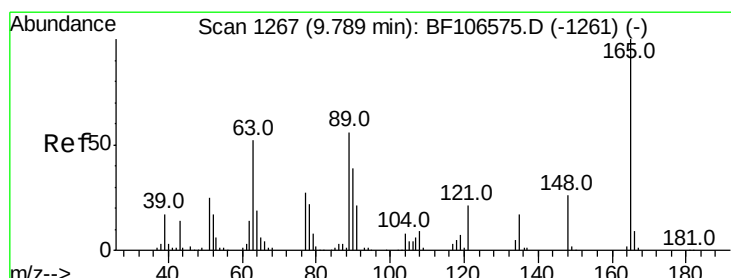
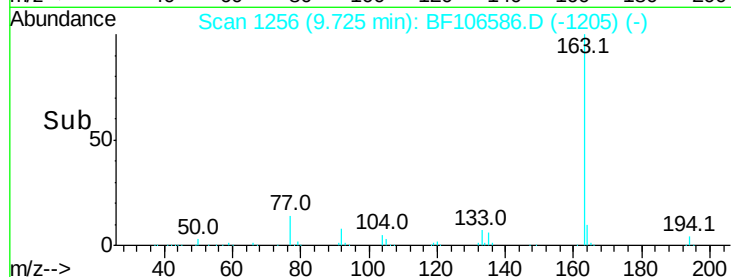
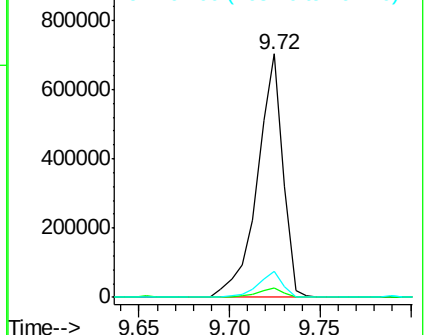
164 10.4 8.2 12.2



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: 43.101 ng

RT: 9.79 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

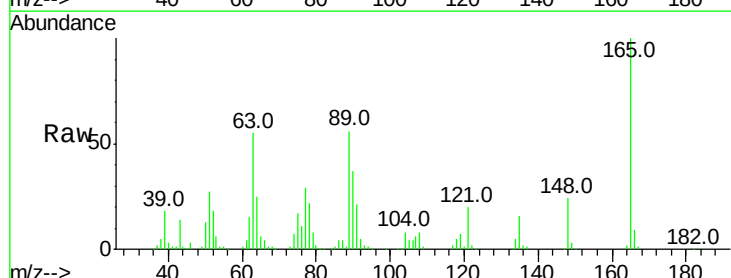
Tgt Ion:165 Resp: 154834

Ion Ratio Lower Upper

165 100

63 55.0 44.7 67.1

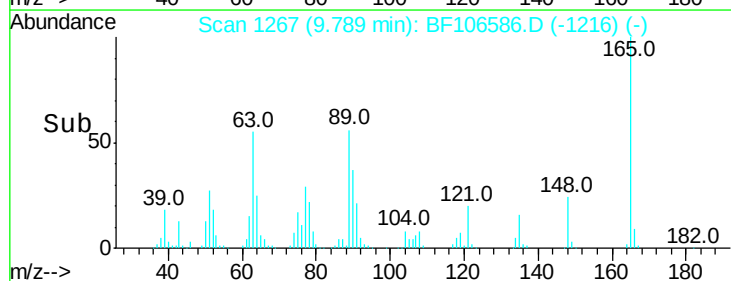
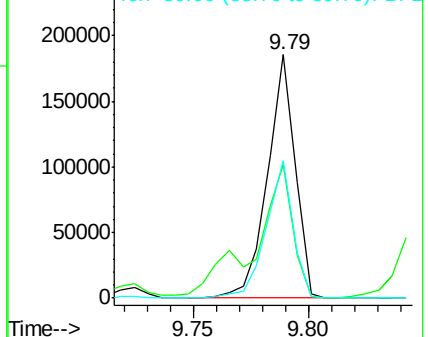
89 56.2 44.0 66.0

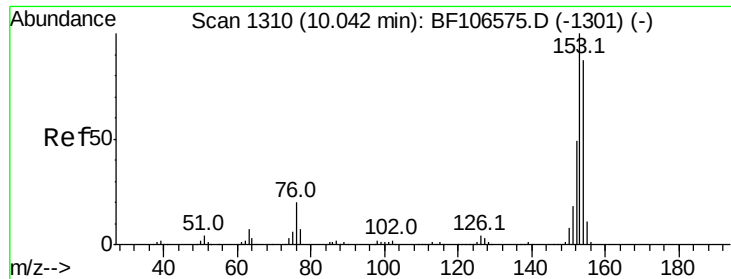


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.185 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

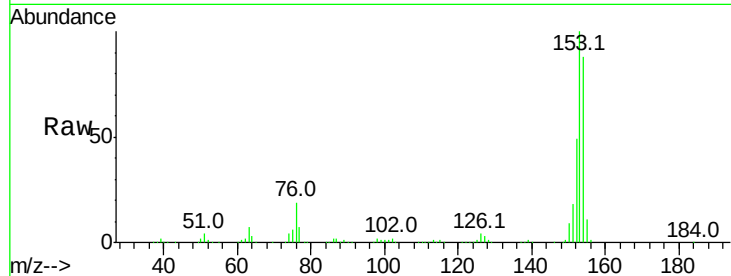
Tot Ion:154 Resp: 524570

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

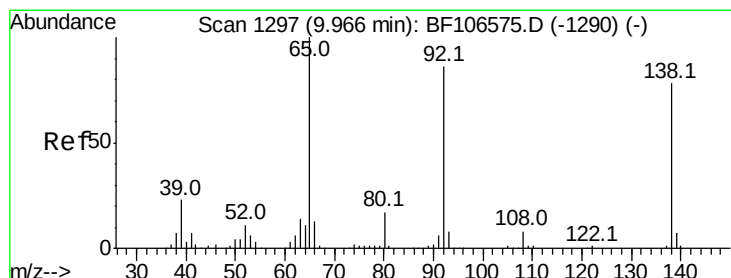
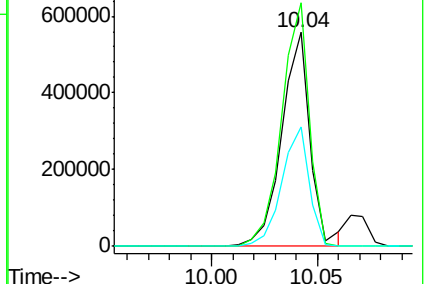
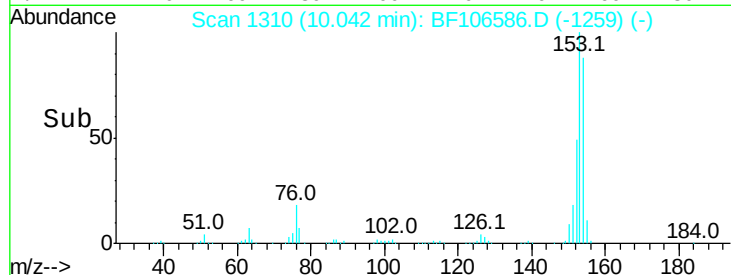
152 56.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.859 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

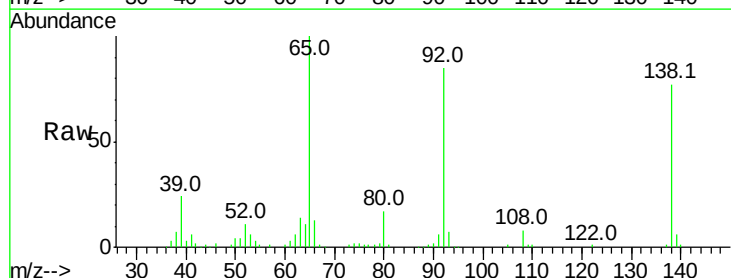
Tgt Ion:138 Resp: 65559

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

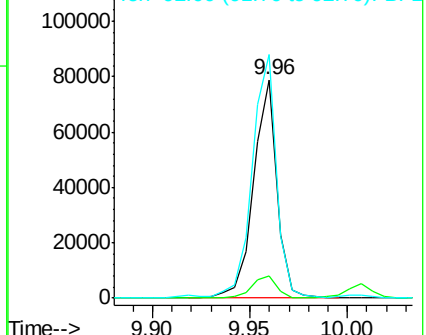
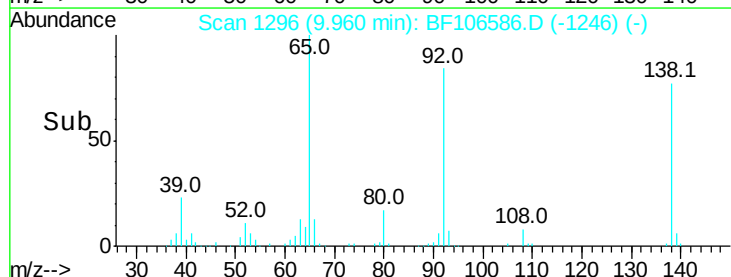
92 111.4 89.4 134.2

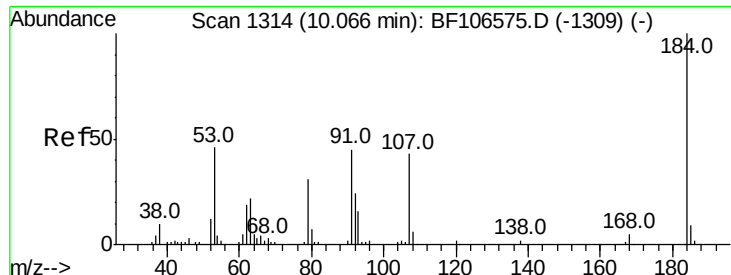


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

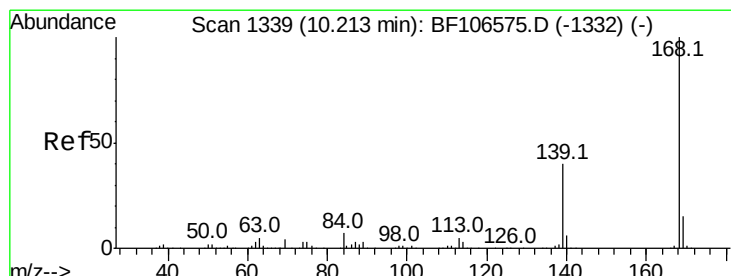
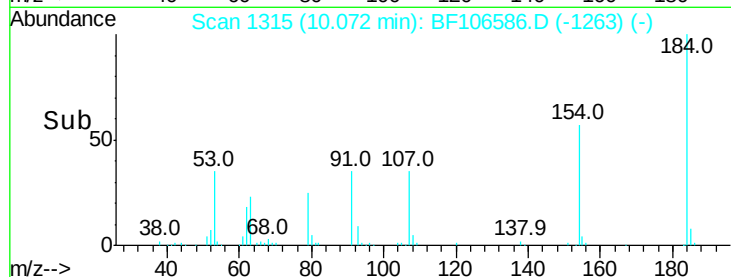
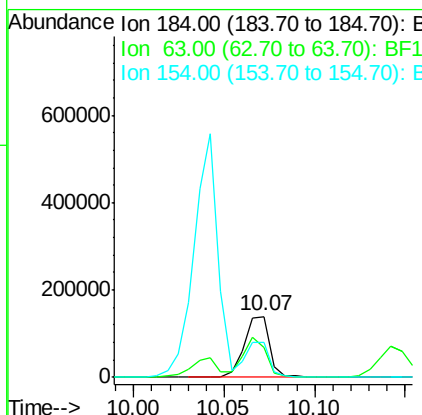
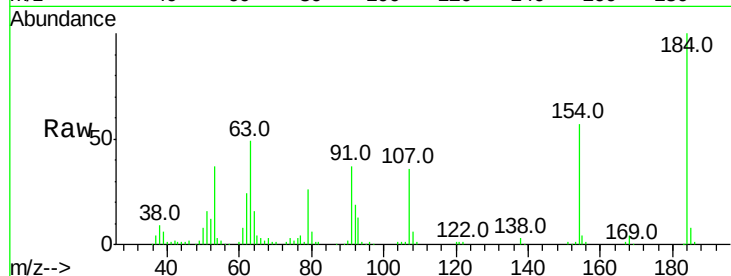




#53
 2,4-Dinitrophenol
 Concen: 73.440 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

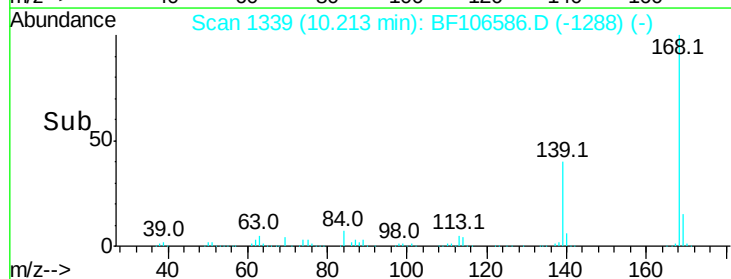
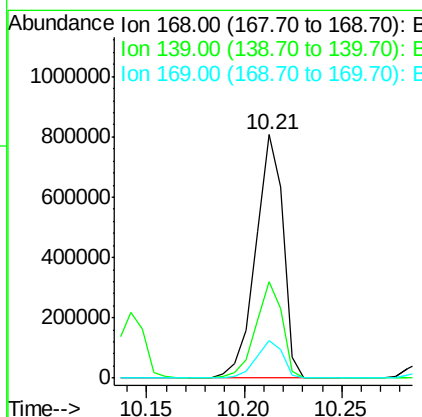
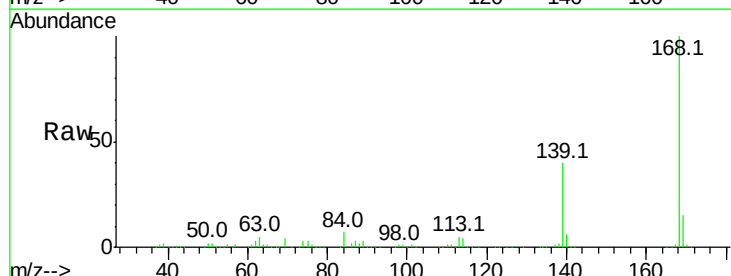
Instrument :
 BNA_F
 ClientSampleId :

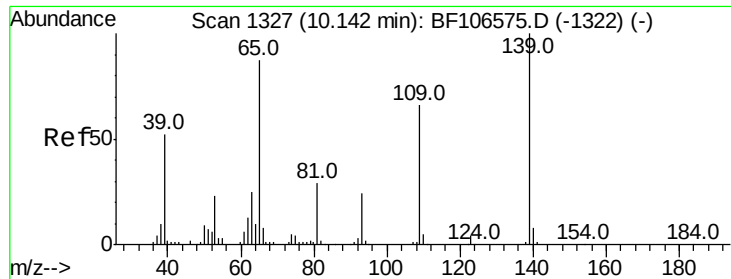
Tot Ion:184 Resp: 136290
 Ion Ratio Lower Upper
 184 100
 63 49.3 54.2 81.2#
 154 56.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.593 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion:168 Resp: 784131
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.1 45.1
 169 15.4 10.9 16.3





#55

4-Nitrophenol

Concen: 72.124 ng

RT: 10.14 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampled :

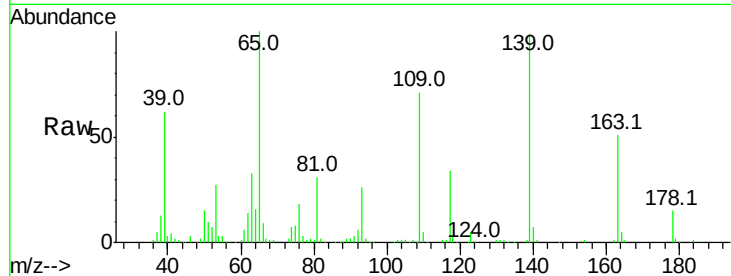
Tot Ion:139 Resp: 208110

Ion Ratio Lower Upper

139 100

109 72.2 48.4 88.4

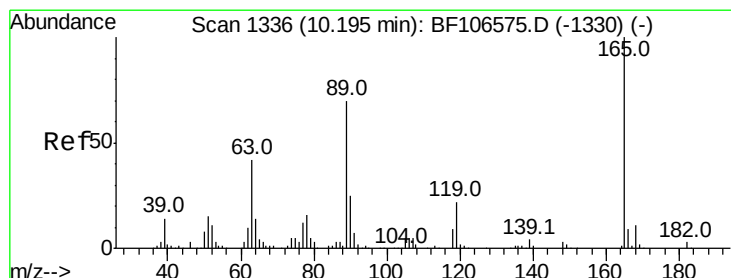
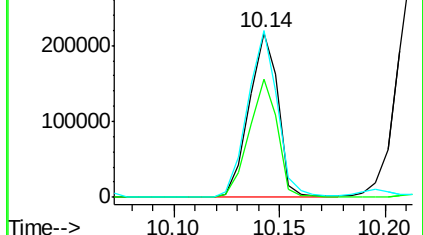
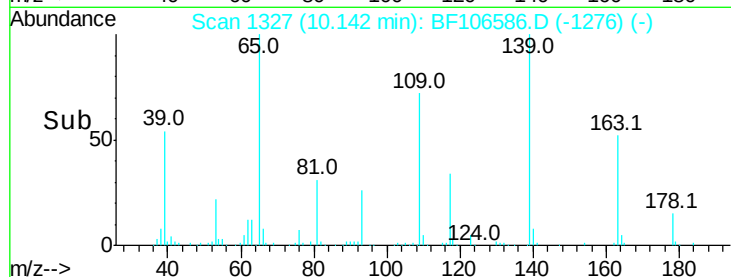
65 101.0 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 44.139 ng

RT: 10.20 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:165 Resp: 206969

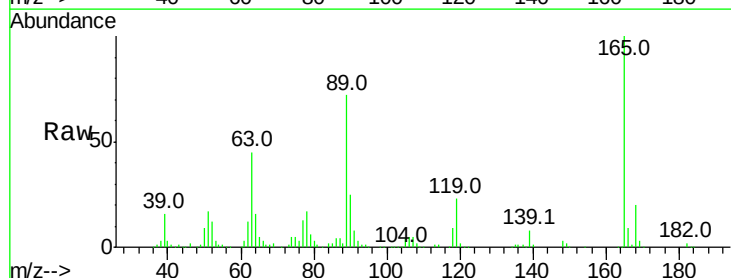
Ion Ratio Lower Upper

165 100

63 45.2 36.4 54.6

89 71.5 57.8 86.6

182 2.4 1.6 2.4

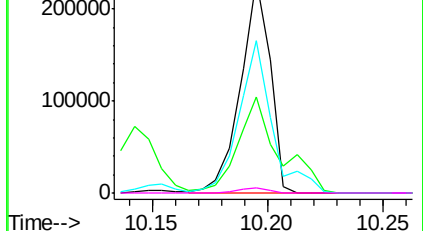
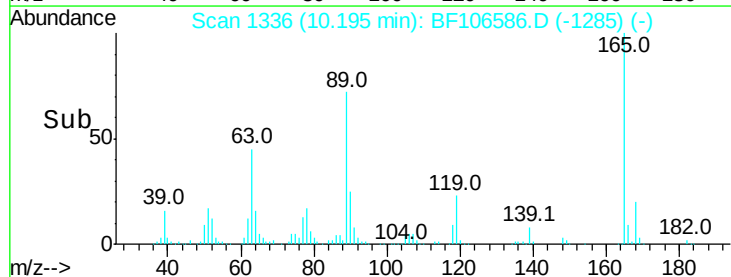


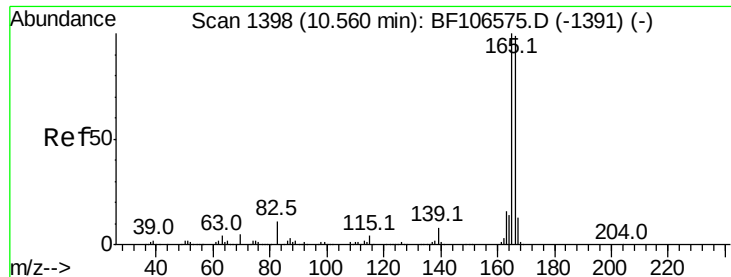
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.276 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

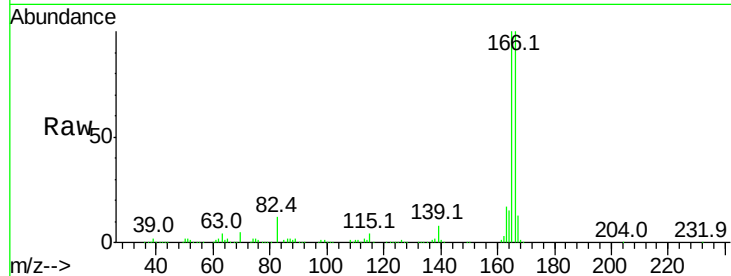
Tot Ion:166 Resp: 602047

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

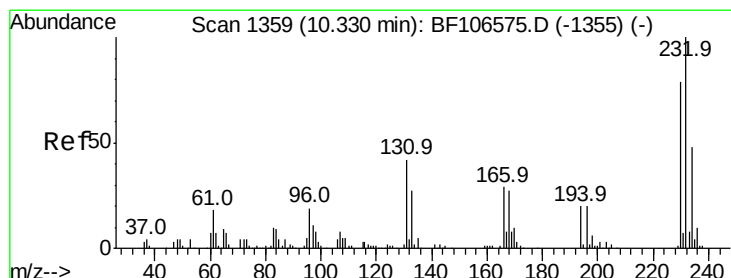
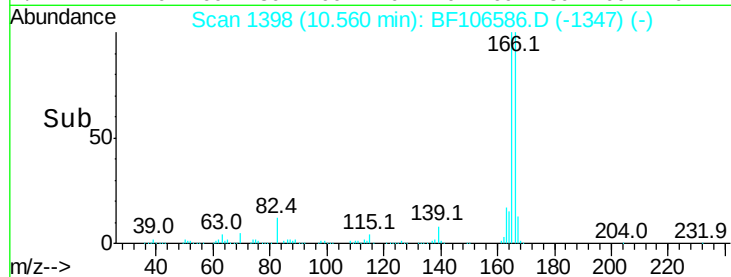
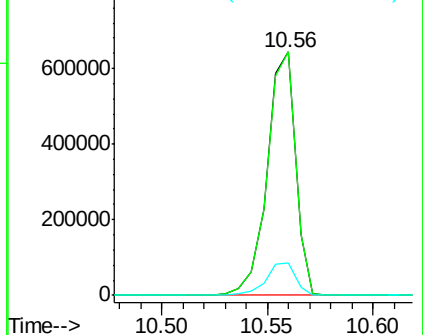
167 13.5 10.6 16.0



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: 44.474 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:232 Resp: 186790

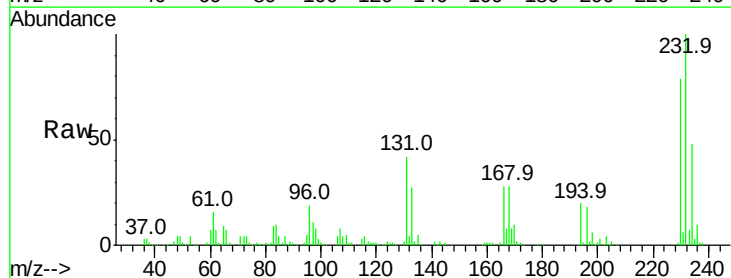
Ion Ratio Lower Upper

232 100

131 39.1 43.8 65.8#

130 2.0 2.1 3.1#

166 27.5 27.8 41.6#

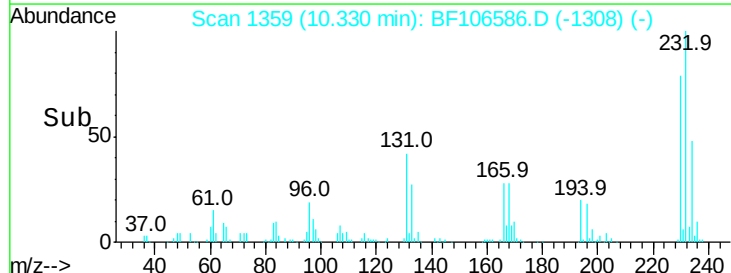
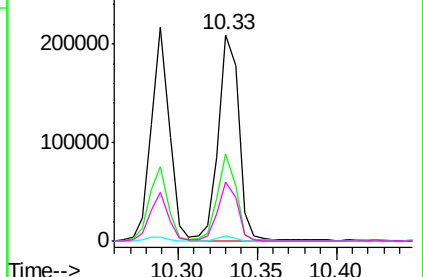


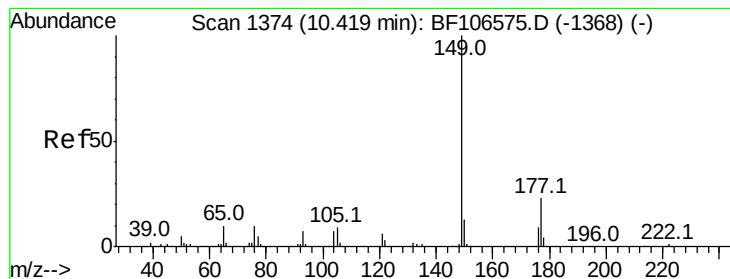
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.101 ng

RT: 10.42 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

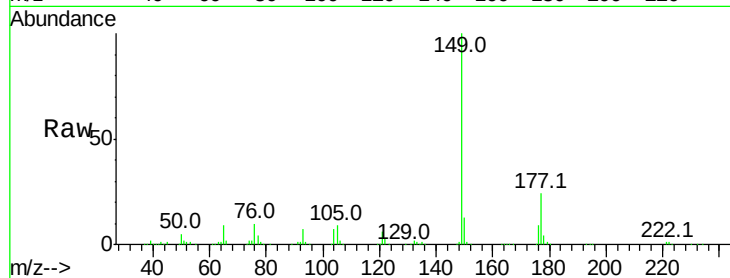
Tot Ion:149 Resp: 656598

Ion Ratio Lower Upper

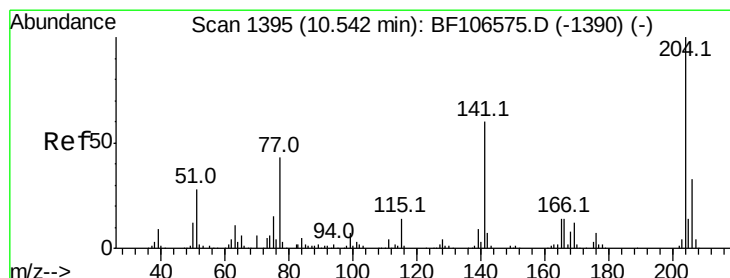
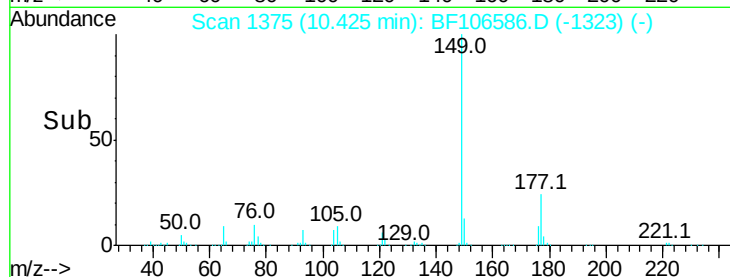
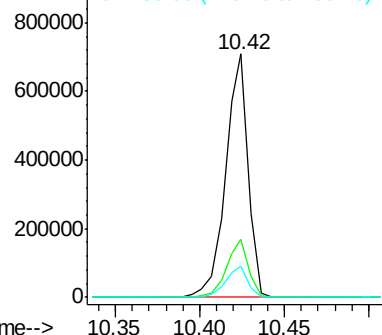
149 100

177 23.6 16.1 24.1

150 12.9 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 39.086 ng

RT: 10.54 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

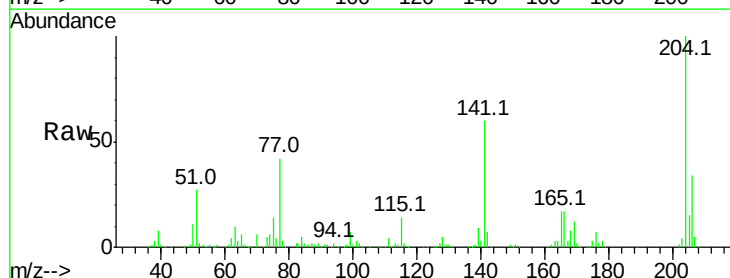
Tgt Ion:204 Resp: 313481

Ion Ratio Lower Upper

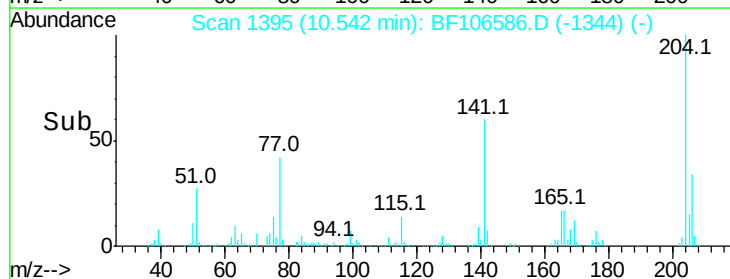
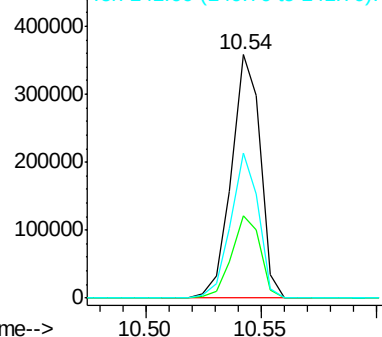
204 100

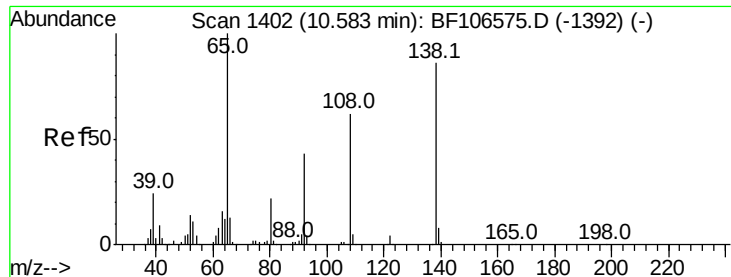
206 33.8 26.5 39.7

141 59.8 54.6 81.8



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

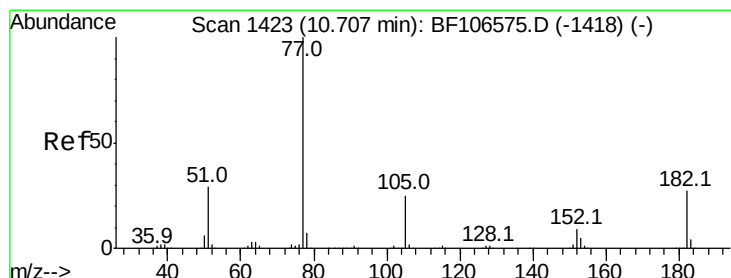
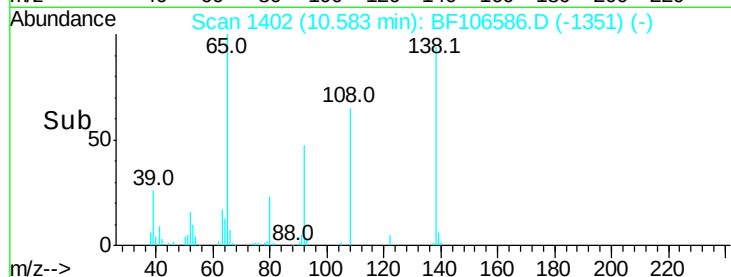
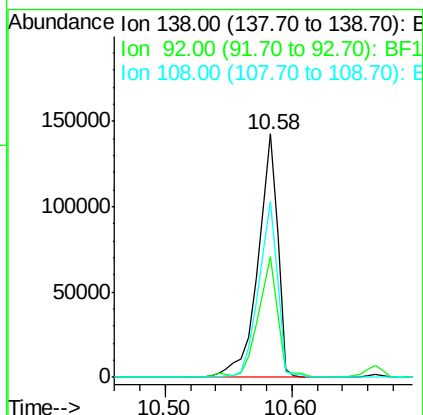
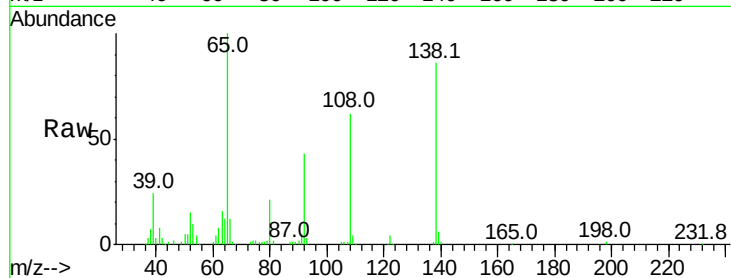




#61
4-Nitroaniline
Concen: 38.510 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

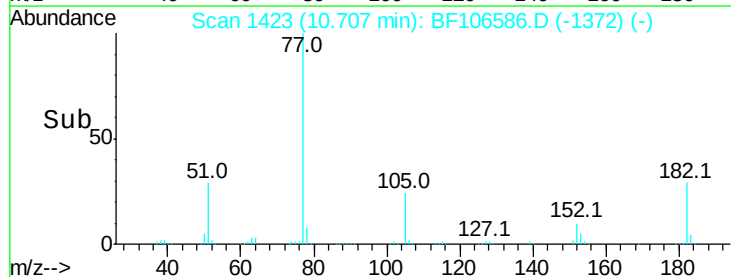
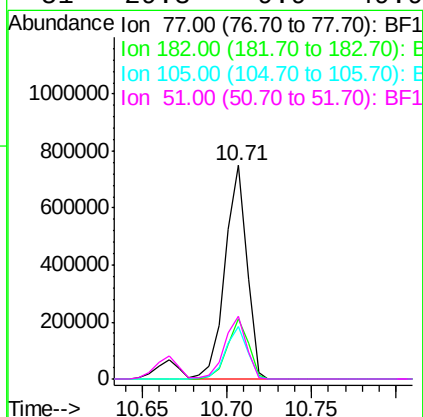
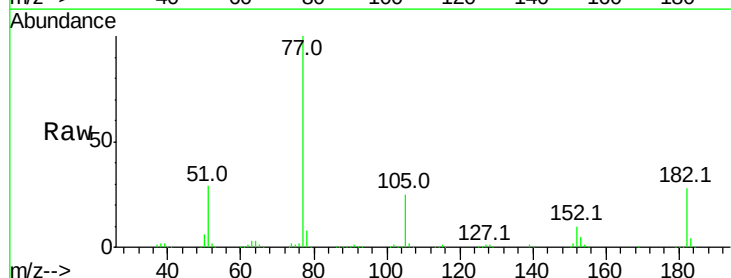
Instrument :
BNA_F
ClientSampleId :

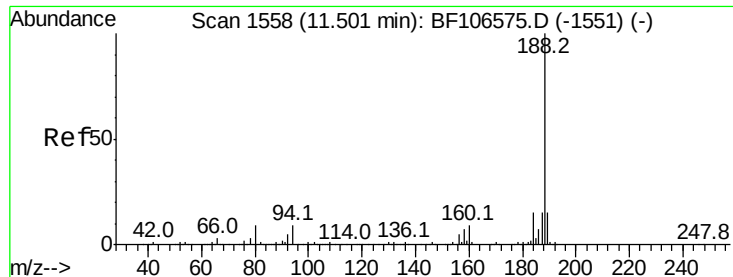
Tot Ion:138 Resp: 157991
Ion Ratio Lower Upper
138 100
92 49.6 30.2 70.2
108 72.2 52.5 92.5



#62
Azobenzene
Concen: 41.672 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion: 77 Resp: 671930
Ion Ratio Lower Upper
77 100
182 28.5 1.7 41.7
105 24.8 3.0 43.0
51 29.3 9.9 49.9

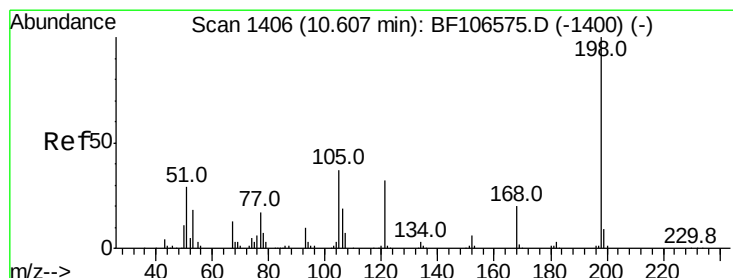
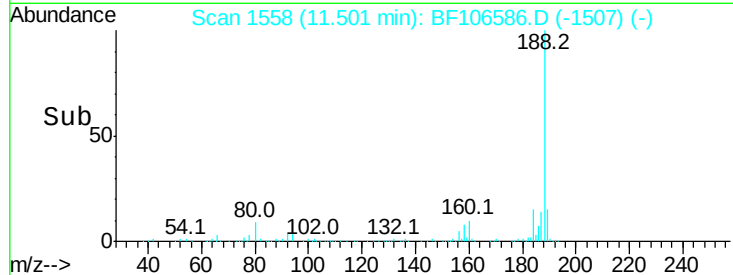
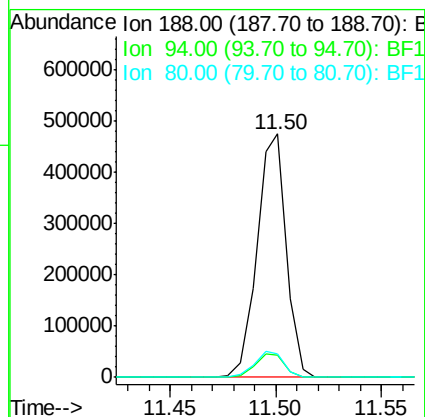
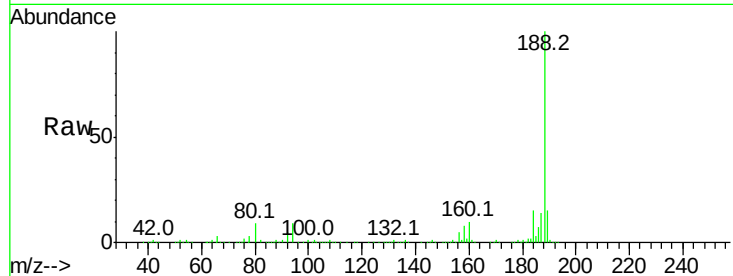




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

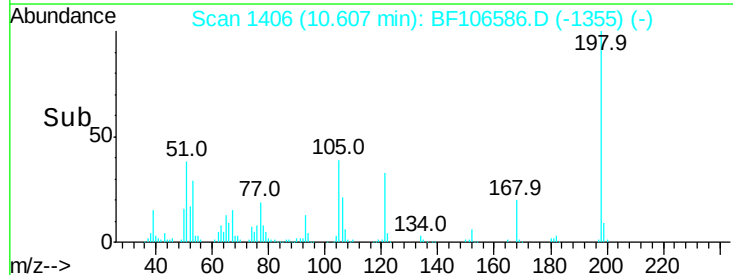
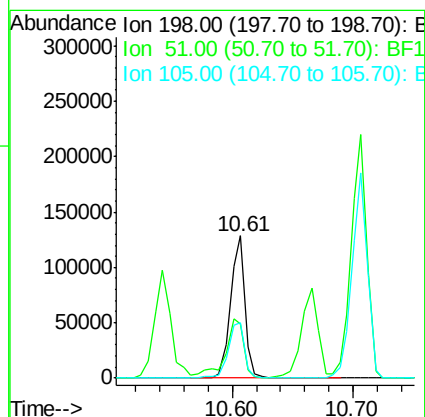
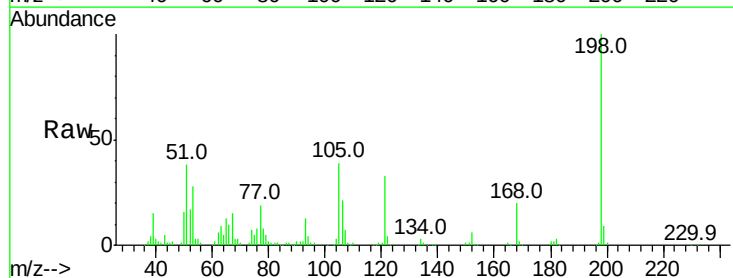
Instrument :
BNA_F
ClientSampleId :

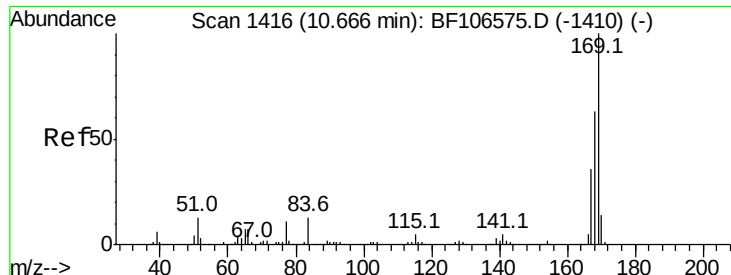
Tot Ion:188 Resp: 456115
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.007 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion:198 Resp: 107160
Ion Ratio Lower Upper
198 100
51 38.3 37.7 77.7
105 38.7 36.3 76.3

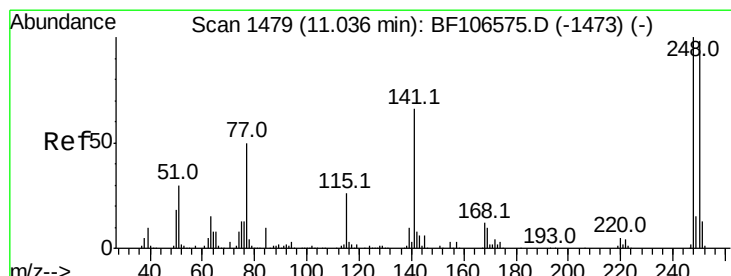
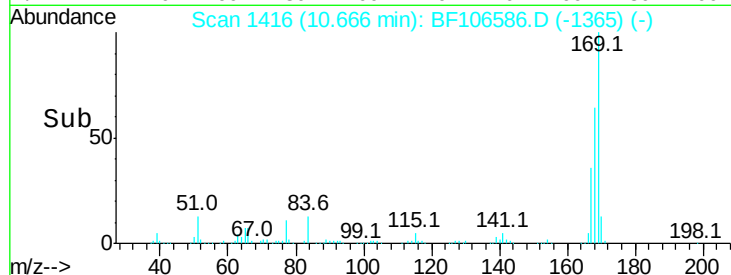
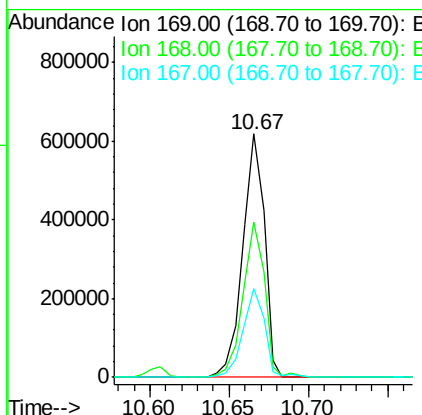
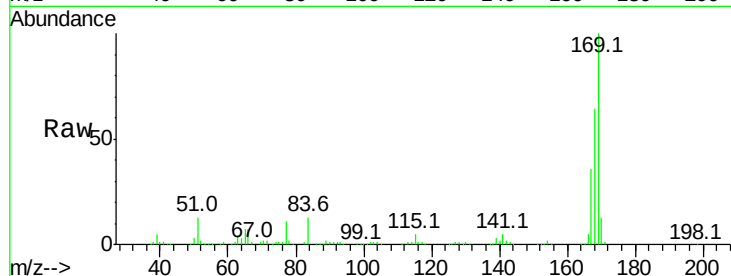




#65
 n-Nitrosodiphenylamine
 Concen: 38.098 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

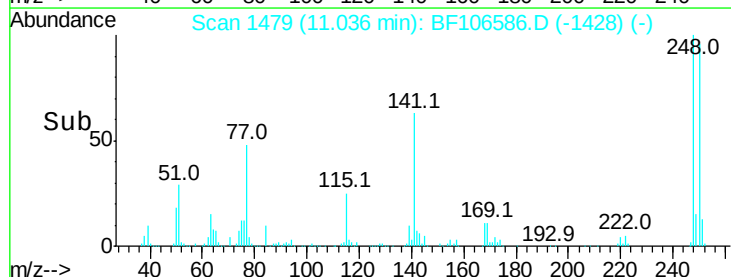
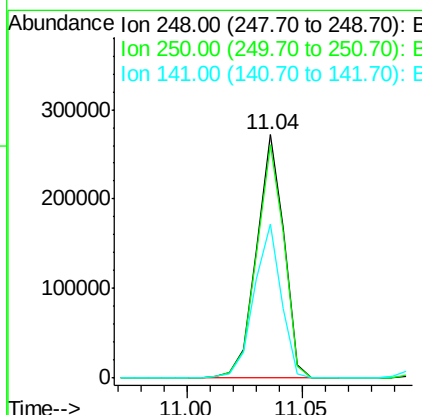
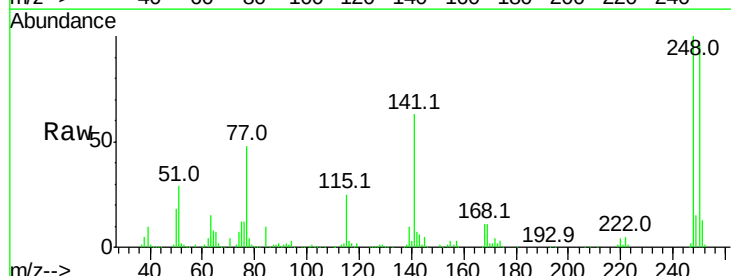
Instrument :
 BNA_F
 ClientSampleId :

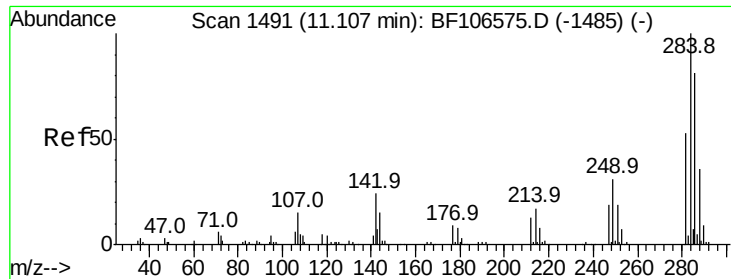
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	36.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.185 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.9	115.3
141	63.3	74.4	111.6

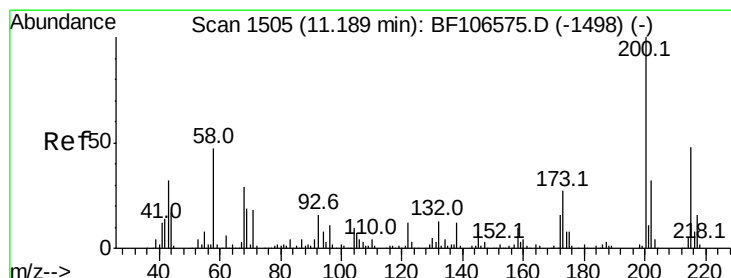
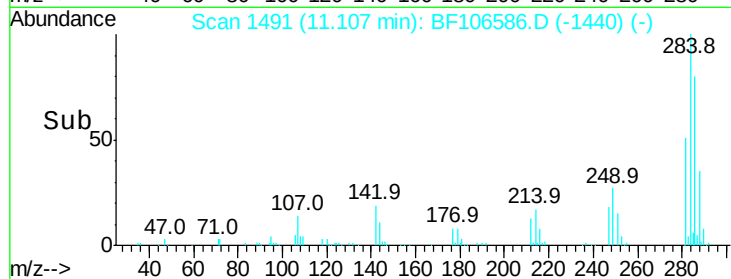
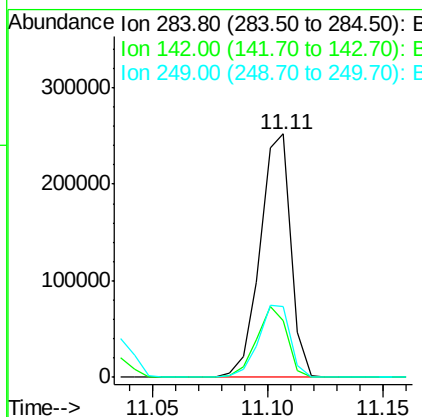
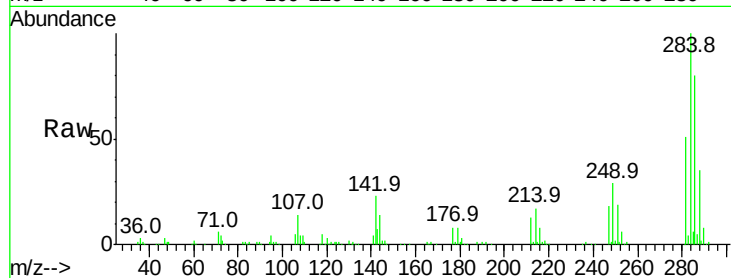




#67
Hexachlorobenzene
Concen: 41.160 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

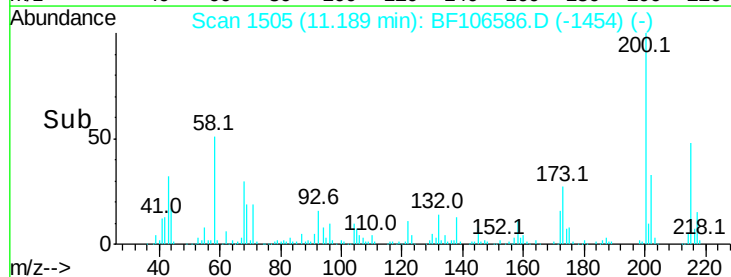
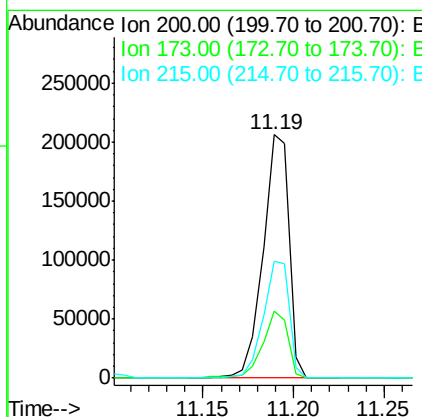
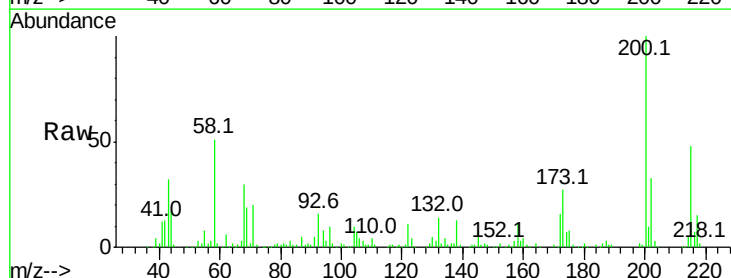
Instrument :
BNA_F
ClientSampleId :

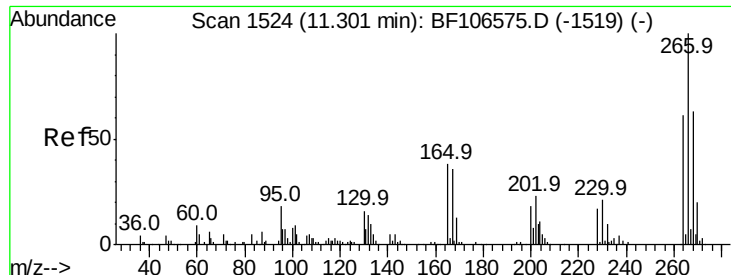
Tot Ion:284 Resp: 234502
Ion Ratio Lower Upper
284 100
142 23.4 34.6 52.0#
249 29.3 24.8 37.2



#68
Atrazine
Concen: 42.055 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion:200 Resp: 205109
Ion Ratio Lower Upper
200 100
173 27.4 8.6 48.6
215 47.8 25.1 65.1

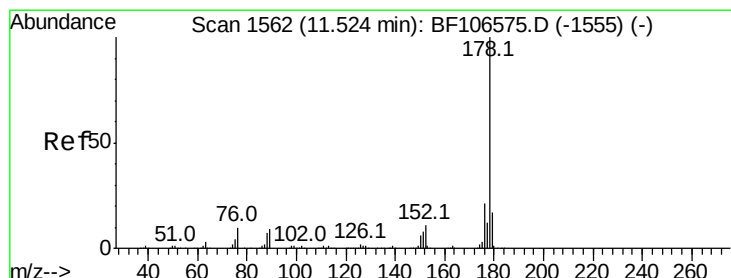
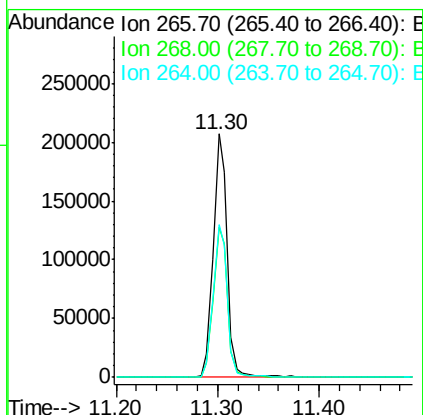
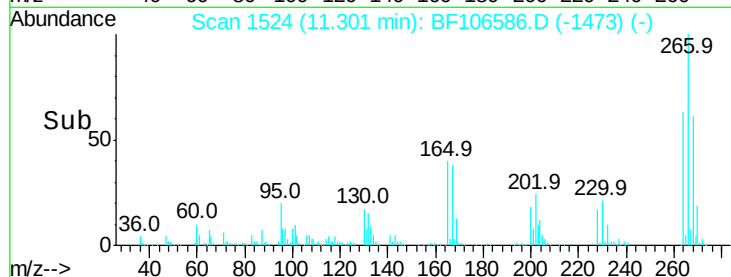
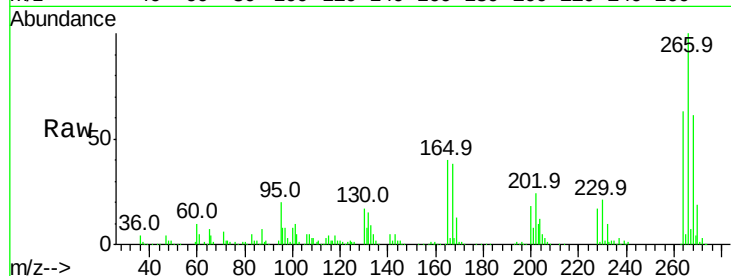




#69
 Pentachlorophenol
 Concen: 69.890 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

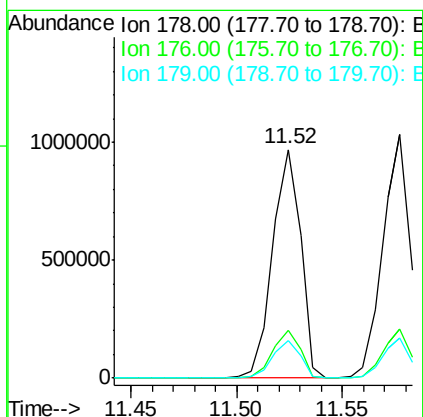
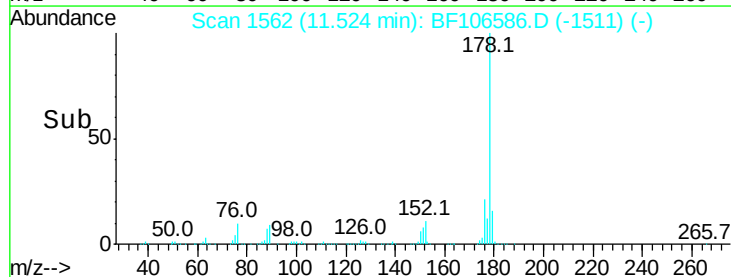
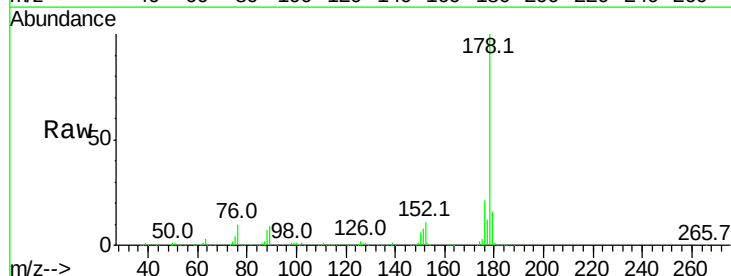
Instrument :
 BNA_F
 ClientSampleId :

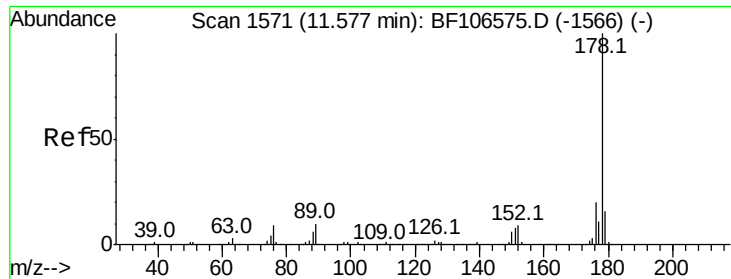
Tot Ion:266 Resp: 198682
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.1 76.7
 264 62.8 49.5 74.3



#70
 Phenanthrene
 Concen: 41.000 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion:178 Resp: 901983
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.8 23.8
 179 16.3 13.0 19.6

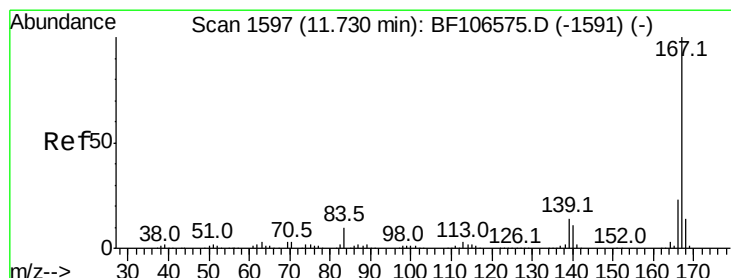
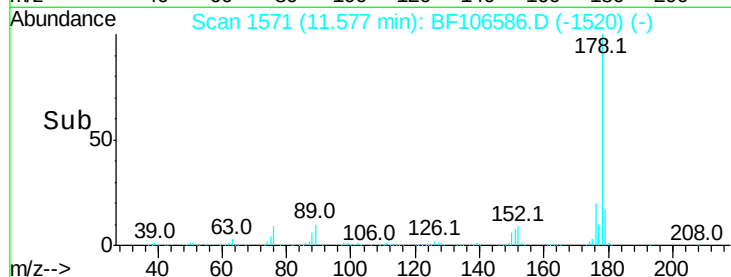
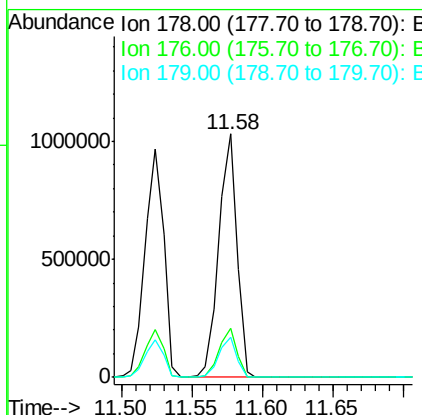
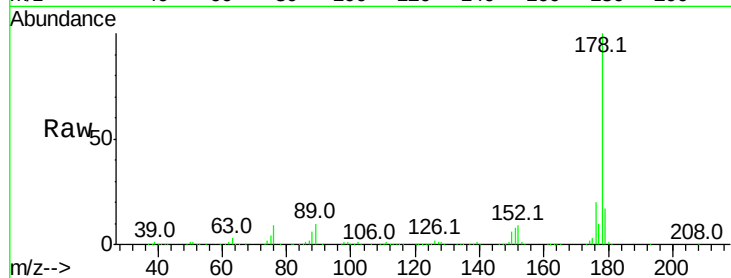




#71
 Anthracene
 Concen: 41.260 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

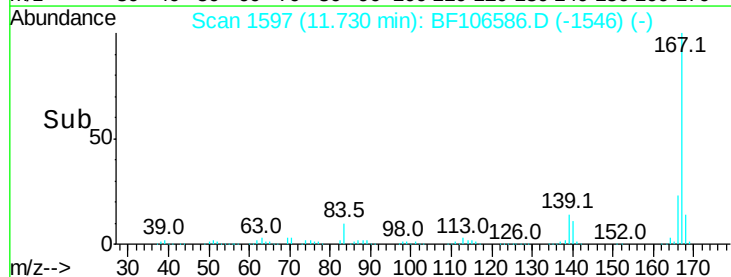
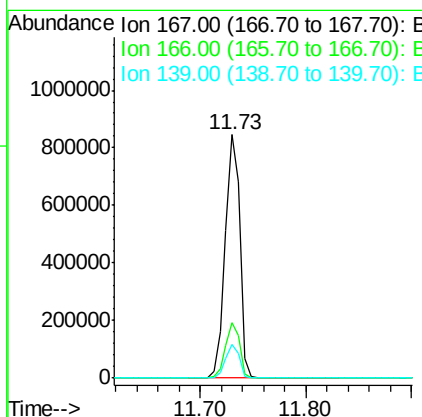
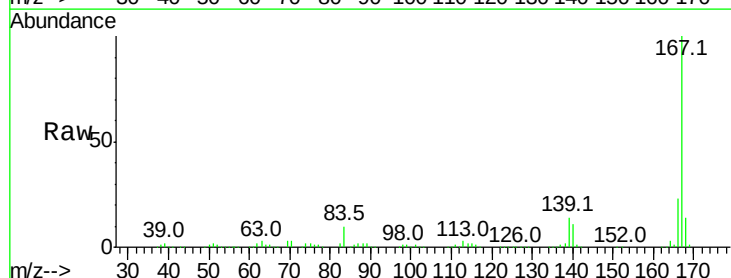
Instrument :
 BNA_F
 ClientSampleId :

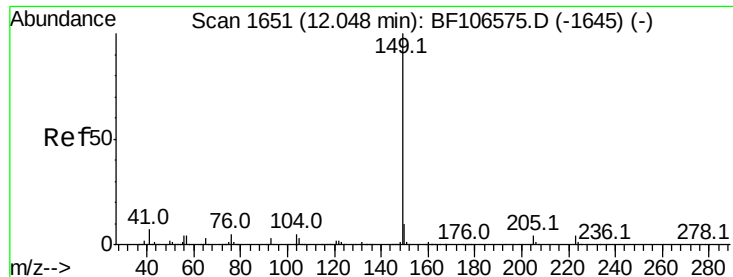
Tot Ion:178 Resp: 926482
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 16.6 12.6 19.0



#72
 Carbazole
 Concen: 38.805 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Tgt Ion:167 Resp: 815805
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.629 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

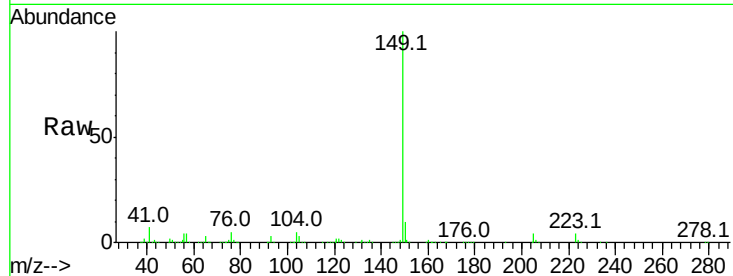
Tot Ion:149 Resp: 1006273

Ion Ratio Lower Upper

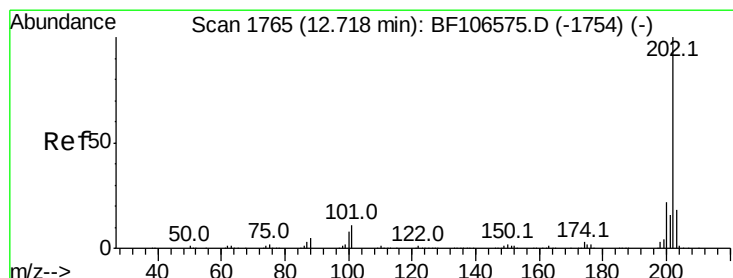
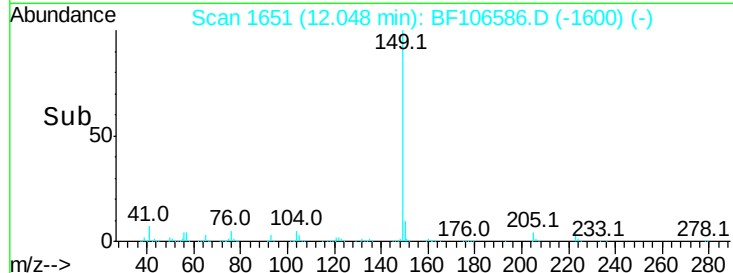
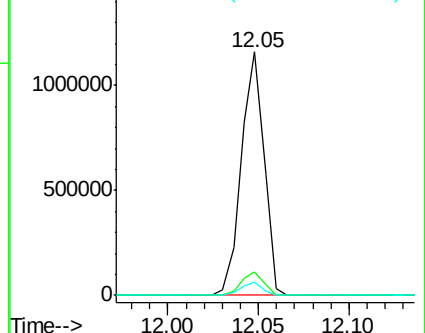
149 100

150 9.9 7.8 11.6

104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.420 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

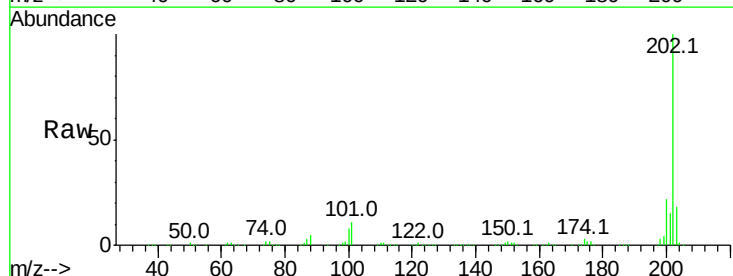
Tgt Ion:202 Resp: 955853

Ion Ratio Lower Upper

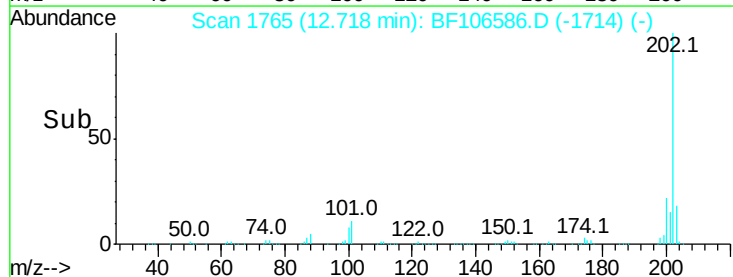
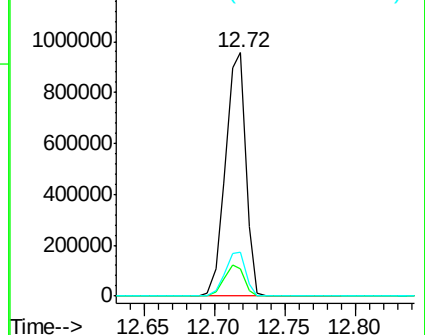
202 100

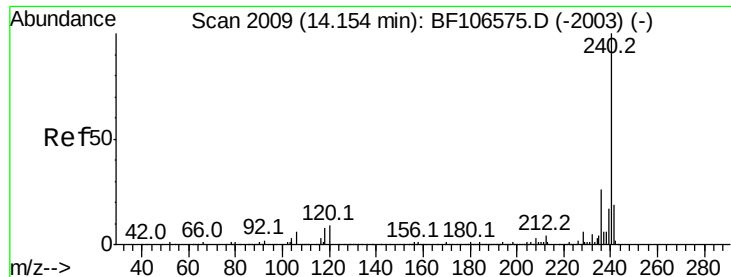
101 11.3 0.0 34.1

203 18.1 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: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

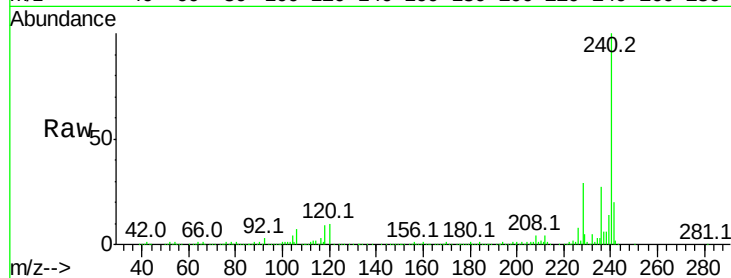
Tot Ion:240 Resp: 310632

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

236 26.7 20.7 31.1

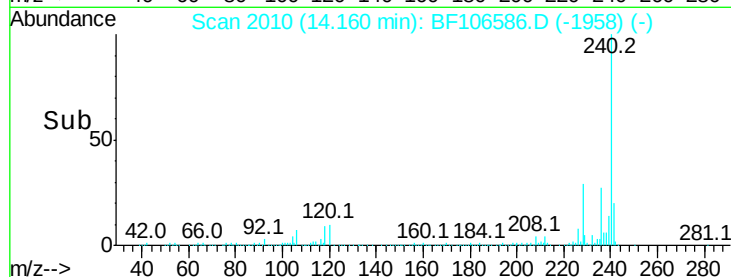


Abundance Ion 240.00 (239.70 to 240.70): E

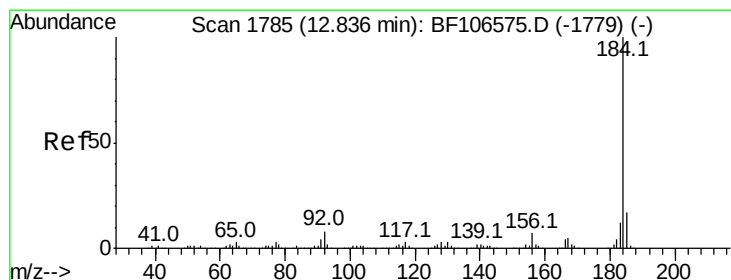
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.16



Time-->



#76

Benzidine

Concen: 35.424 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

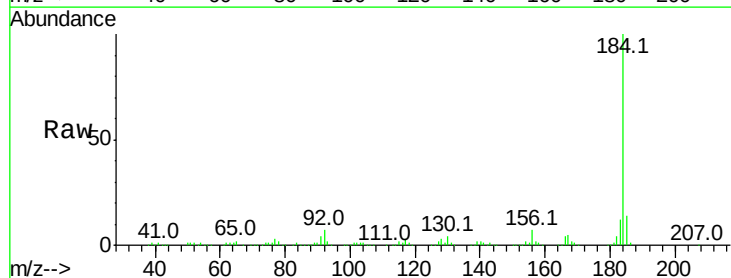
Tgt Ion:184 Resp: 313383

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

183 11.6 9.3 13.9

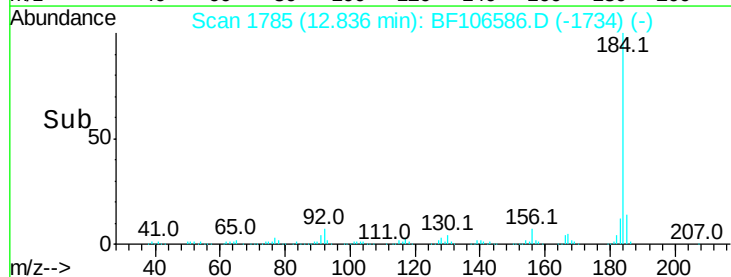


Abundance Ion 184.00 (183.70 to 184.70): E

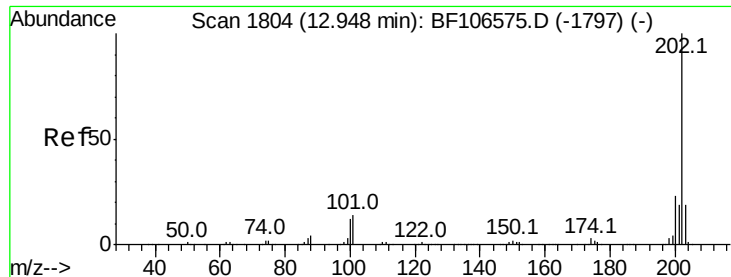
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.84



Time-->



#77

Pvrene

Concen: 47.325 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

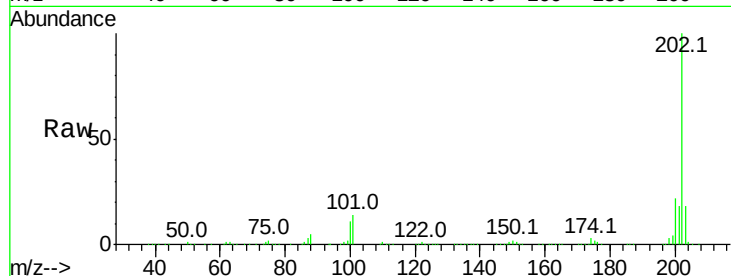
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 969407

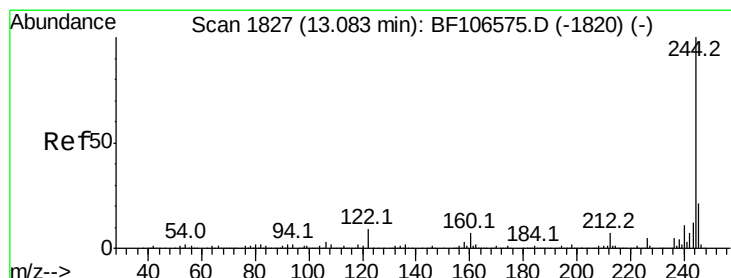
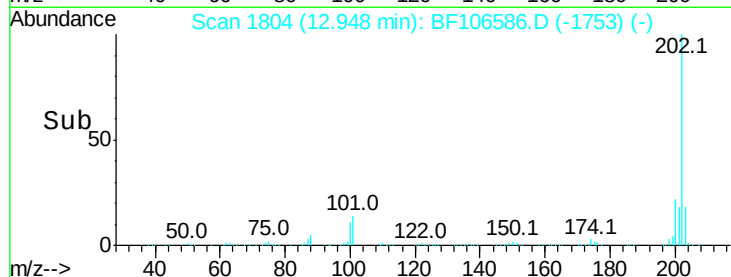
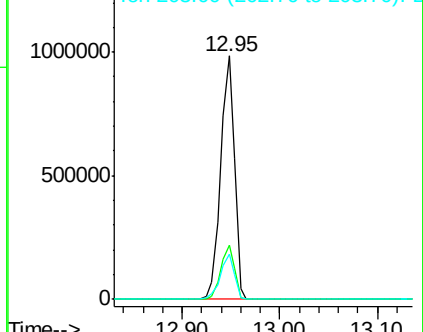
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.5	14.3	21.5



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: 101.997 ng

RT: 13.08 min Scan# 1827

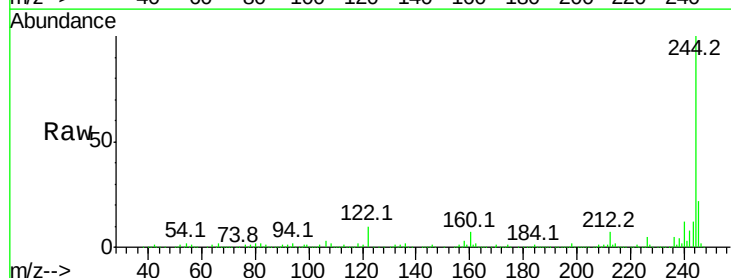
Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:244 Resp: 1308001

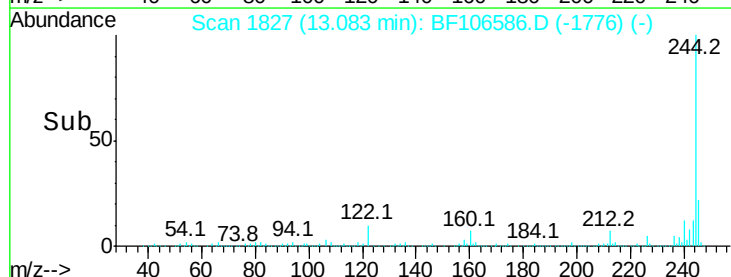
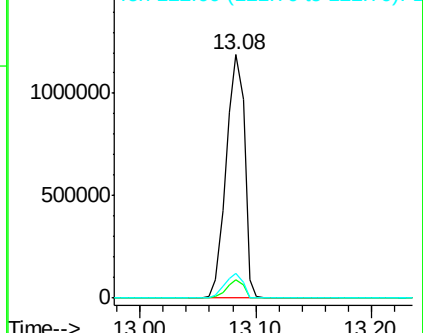
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.0	11.0	16.4

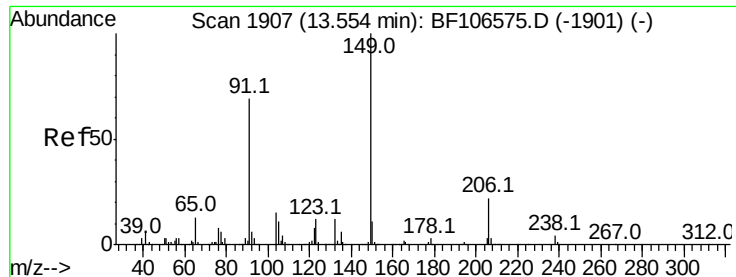


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.876 ng

RT: 13.55 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

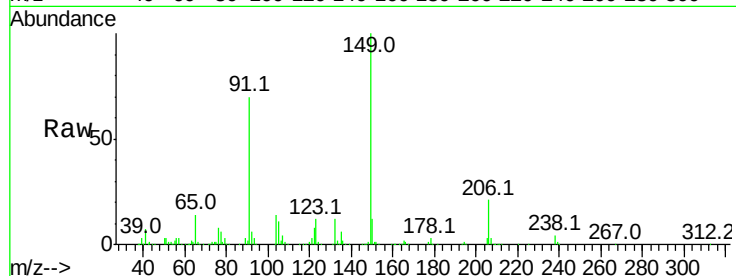
Tot Ion:149 Resp: 394787

Ion Ratio Lower Upper

149 100

91 69.7 56.8 85.2

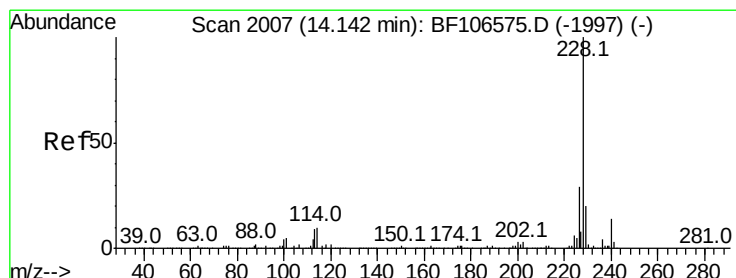
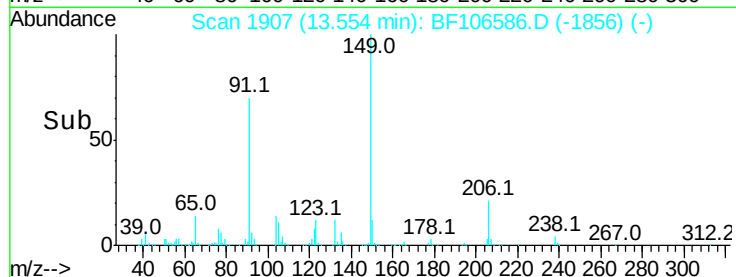
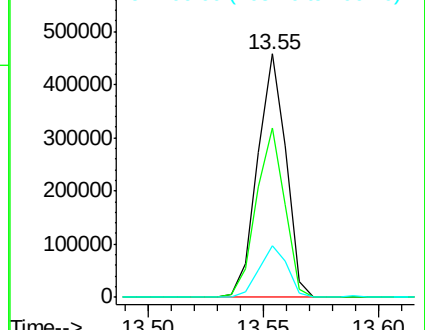
206 21.4 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.162 ng

RT: 14.15 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

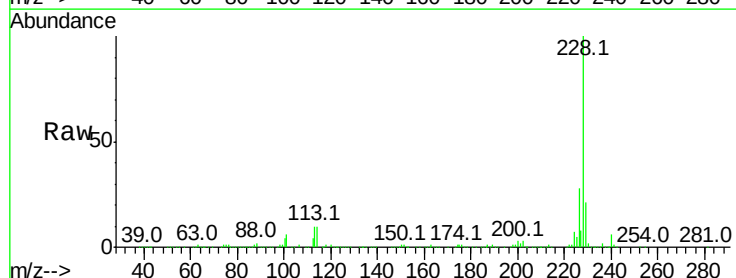
Tgt Ion:228 Resp: 779294

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

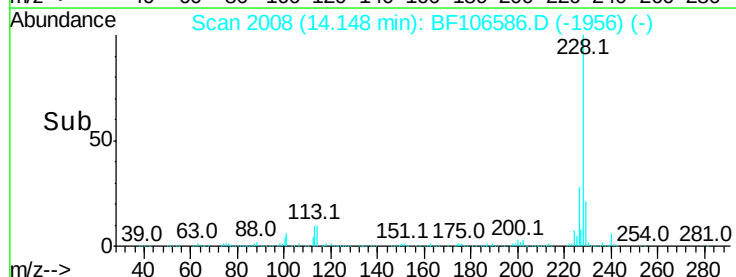
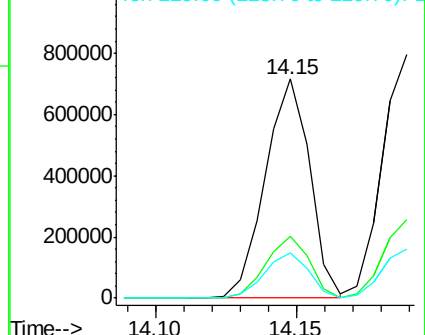
229 20.6 15.8 23.6

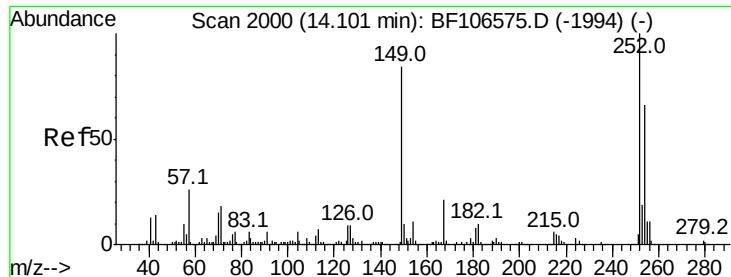


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 17.657 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

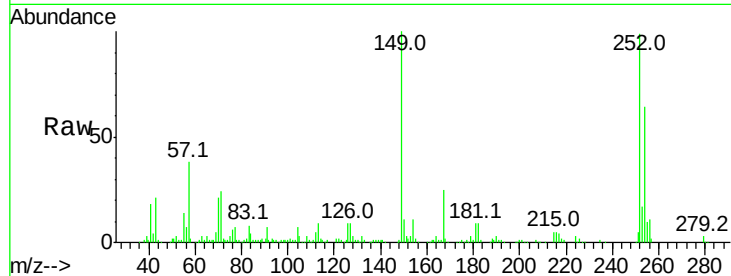
Tot Ion:252 Resp: 117487

Ion Ratio Lower Upper

252 100

254 64.4 50.4 75.6

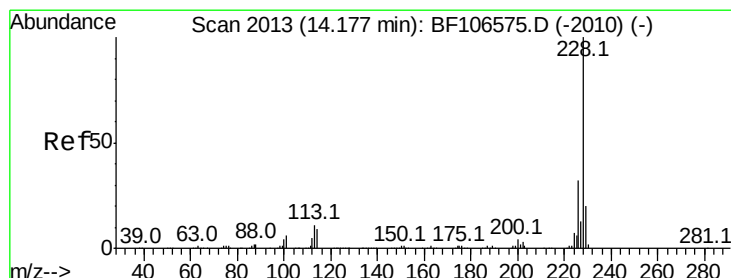
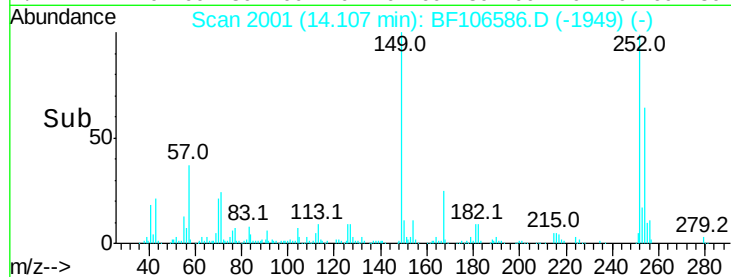
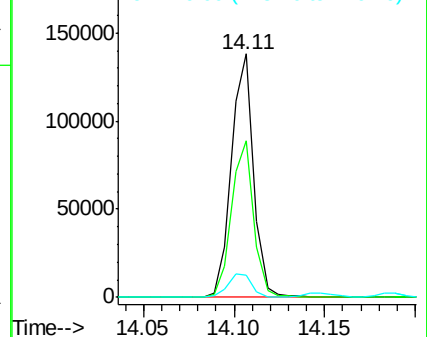
126 9.1 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.175 ng

RT: 14.19 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

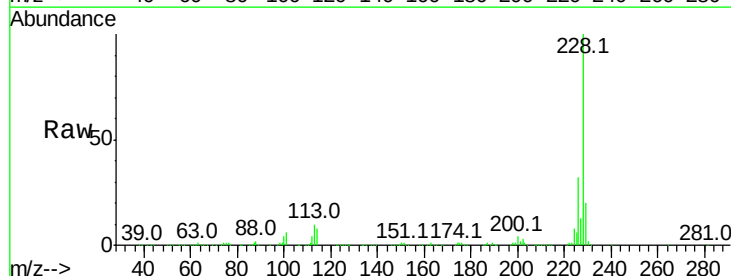
Tgt Ion:228 Resp: 717156

Ion Ratio Lower Upper

228 100

226 32.3 25.0 37.6

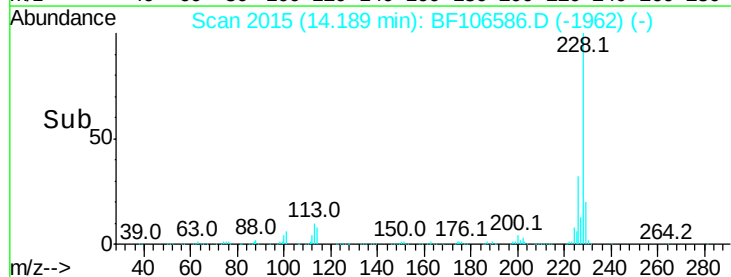
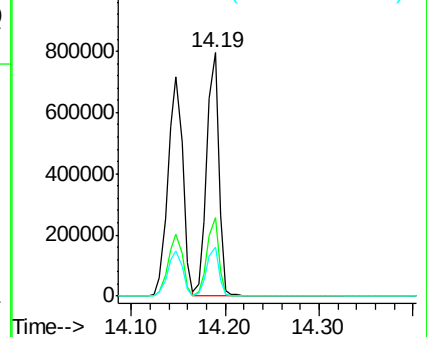
229 20.2 16.2 24.4

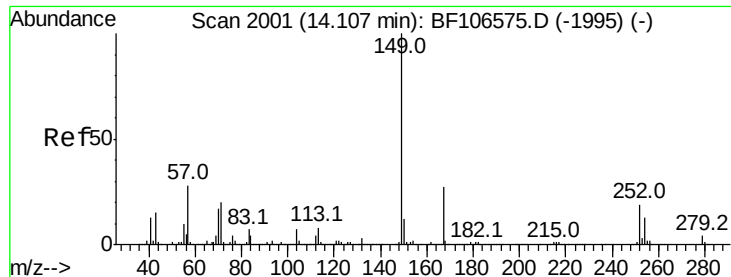


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.981 ng

RT: 14.12 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

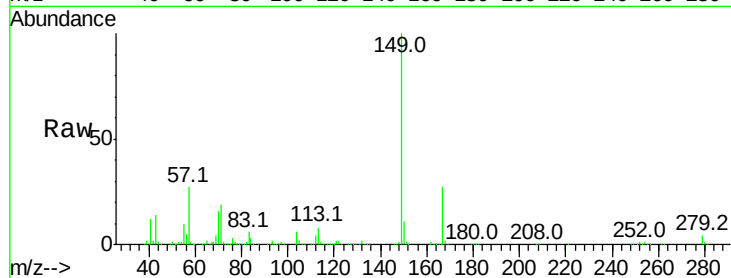
Tot Ion:149 Resp: 505862

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

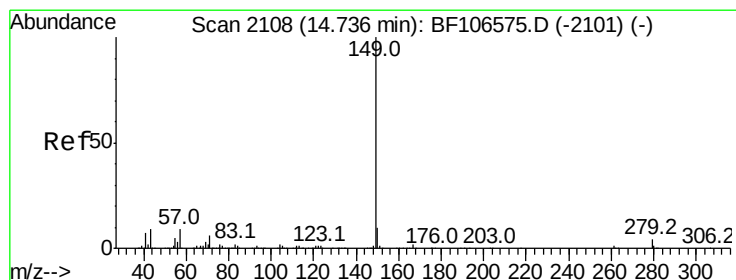
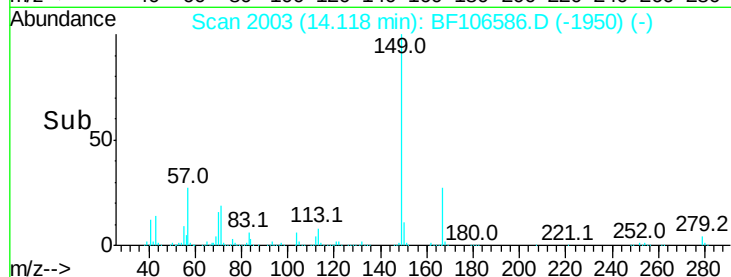
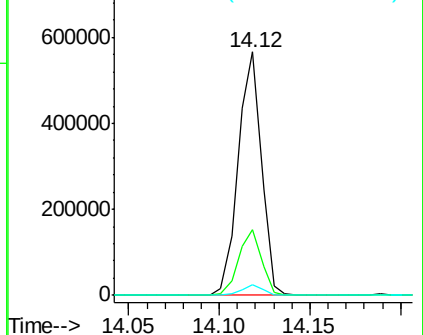
279 4.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.936 ng

RT: 14.76 min Scan# 2112

Delta R.T. 0.02 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

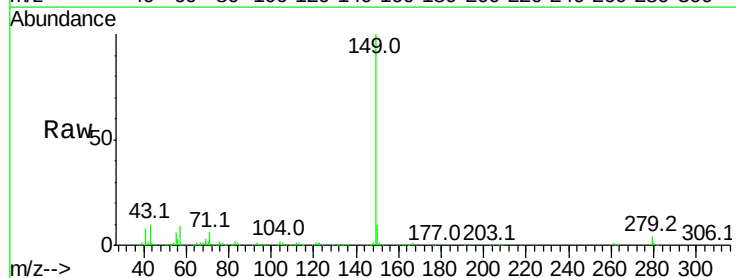
Tgt Ion:149 Resp: 700920

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

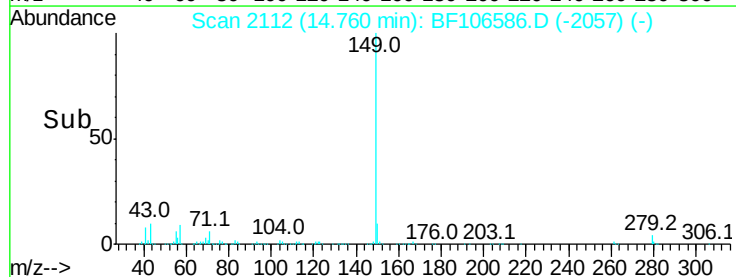
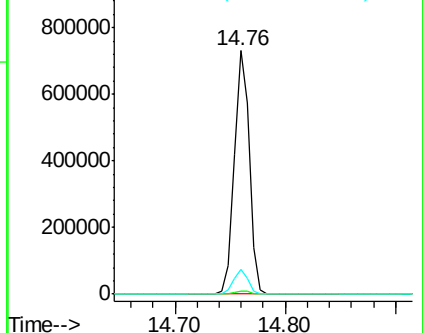
43 9.6 8.4 12.6

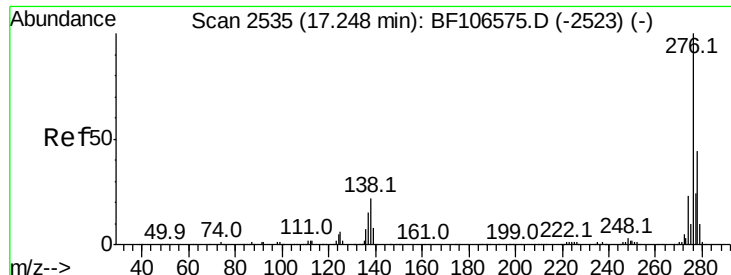


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

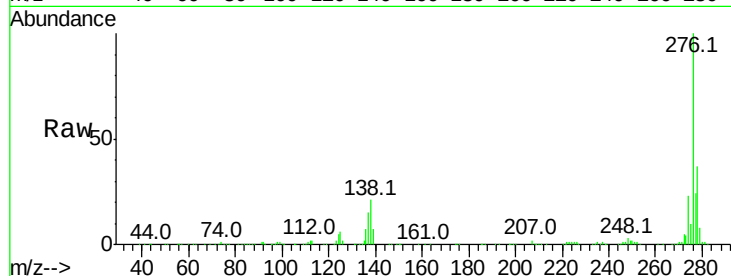




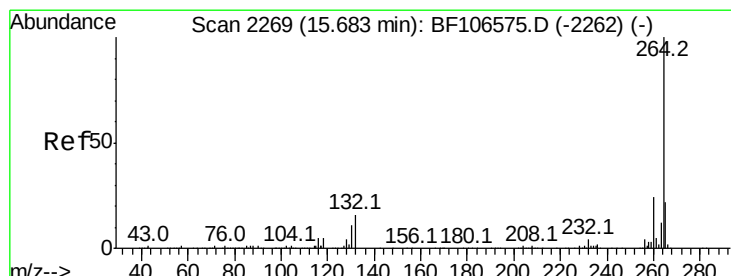
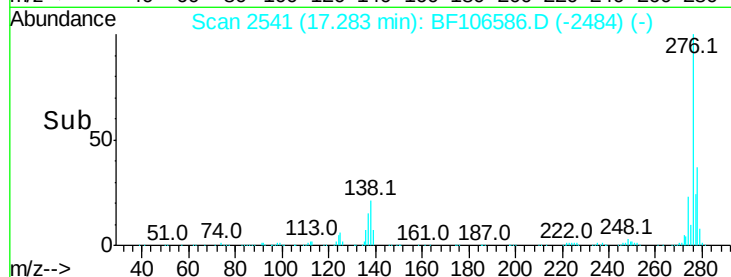
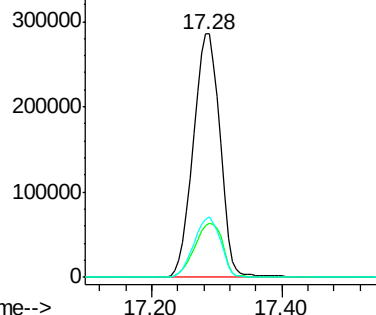
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.197 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.04 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	24.9	20.1	30.1

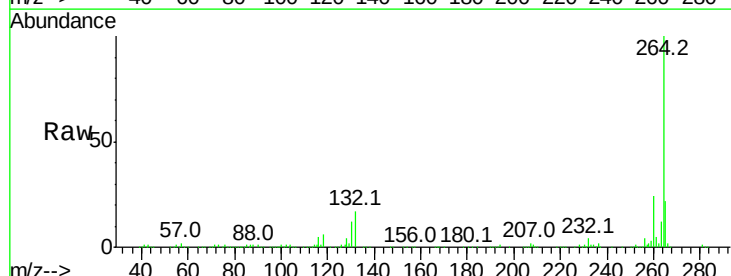


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

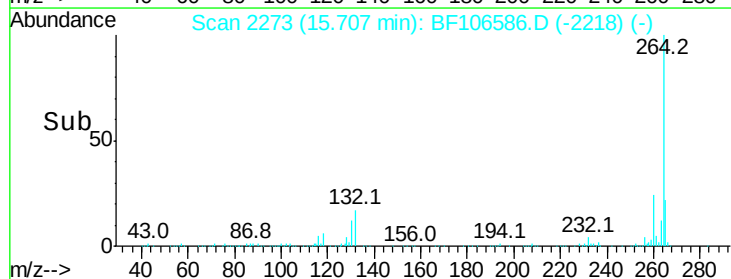
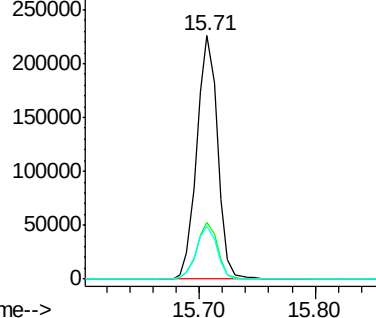


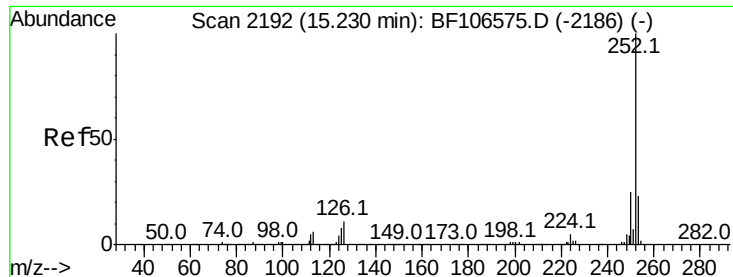
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF106586.D
Acq: 19 Jun 2018 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	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: 36.181 ng

RT: 15.28 min Scan# 2201

Delta R.T. 0.05 min

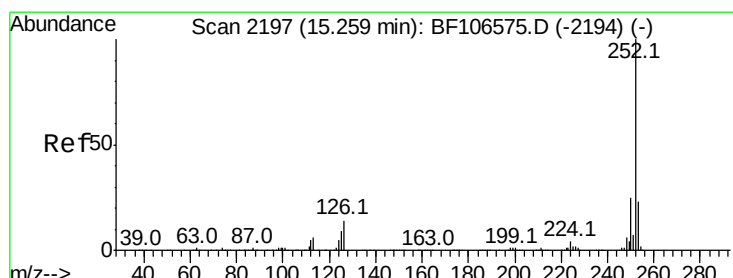
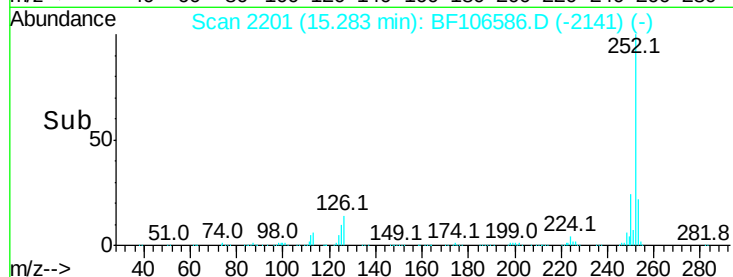
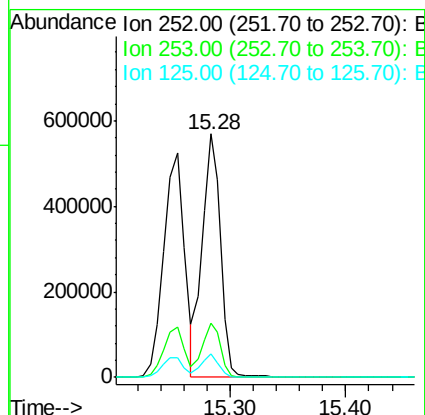
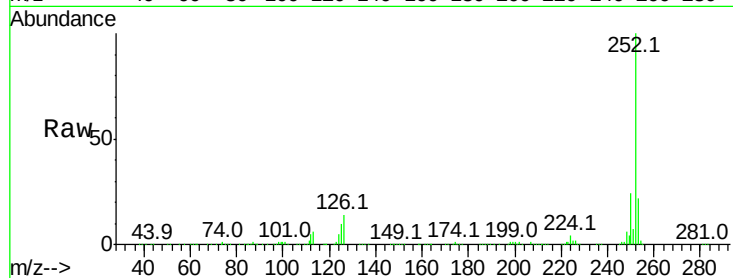
Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 634130

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.5	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 37.993 ng

RT: 15.28 min Scan# 2201

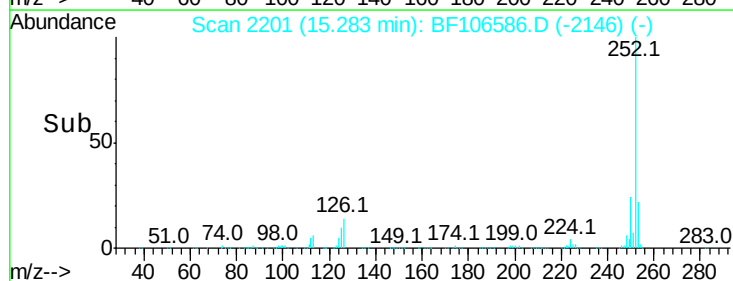
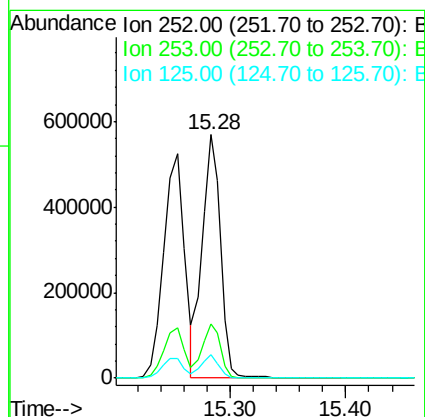
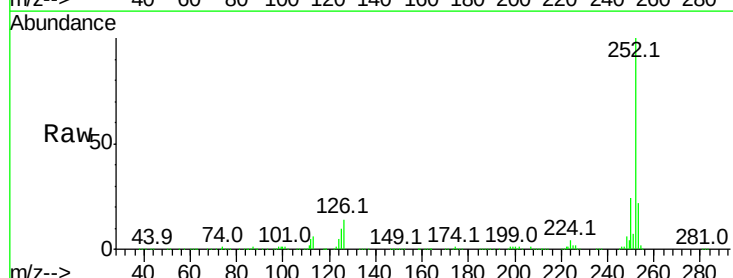
Delta R.T. 0.02 min

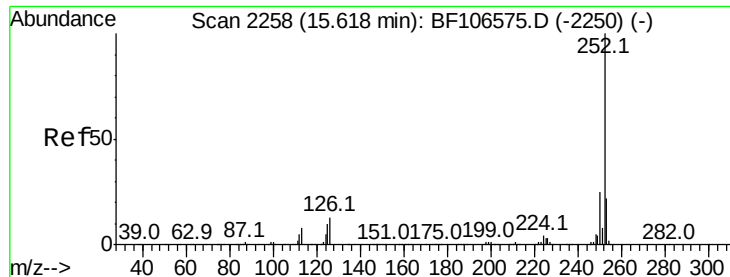
Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Tgt Ion:252 Resp: 634130

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.5	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 41.010 ng

RT: 15.64 min Scan# 2262

Delta R.T. 0.02 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

Instrument :

BNA_F

ClientSampleId :

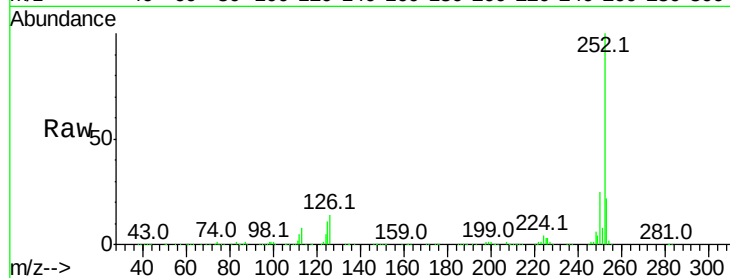
Tot Ion:252 Resp: 638965

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

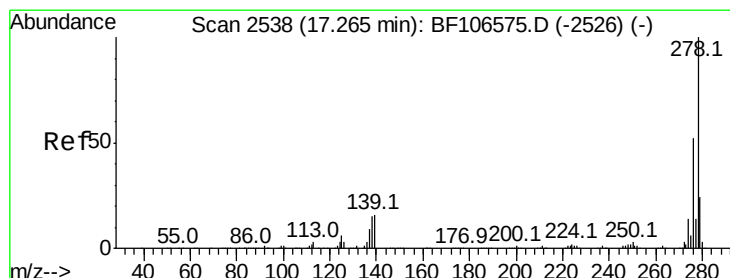
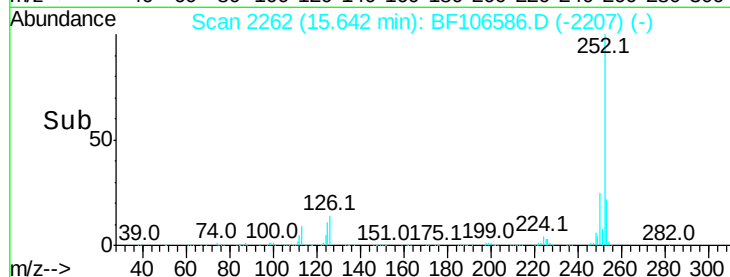
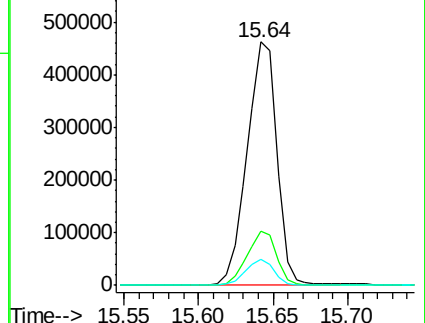
125 10.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 51.006 ng

RT: 17.31 min Scan# 2545

Delta R.T. 0.04 min

Lab File: BF106586.D

Acq: 19 Jun 2018 17:07

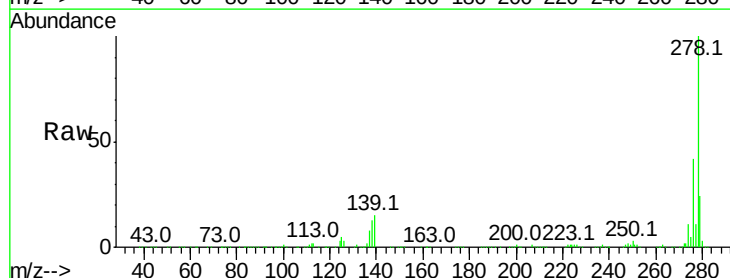
Tgt Ion:278 Resp: 673515

Ion Ratio Lower Upper

278 100

139 15.0 15.9 23.9#

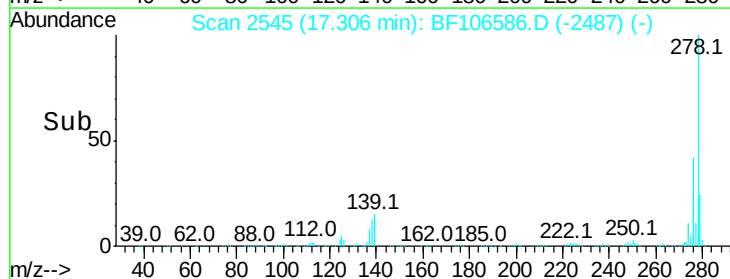
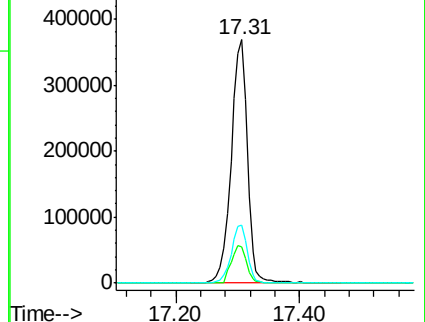
279 23.6 19.0 28.4

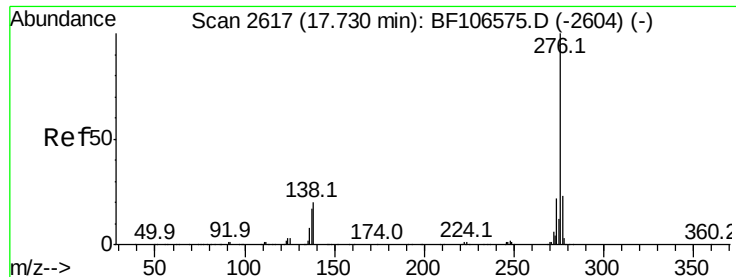


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 53.749 ng
 RT: 17.77 min Scan# 2624
 Delta R.T. 0.04 min
 Lab File: BF106586.D
 Acq: 19 Jun 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	20.6	21.8	32.8

