

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107928.D
 Acq On : 2 Aug 2018 23:51
 Operator : JU/SJ
 Sample : J4262-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

Quant Time: Aug 03 00:58:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	148732	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	561684	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	215756	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	396729	20.00	ng	0.00
75) Chrysene-d12	14.15	240	343989	20.00	ng	0.00
86) Perylene-d12	15.68	264	299822	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	349420	39.93	ng	0.00
7) Phenol-d6	6.61	99	321907	27.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	820165	84.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	292783	99.87	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1466156	94.69	ng	-0.01
78) Terphenyl-d14	13.07	244	1316224	82.97	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	59511	18.538	ng	# 86
3) Pyridine	3.69	79	15094	7.532	ng	# 81
6) Aniline	6.65	93	154045	12.841	ng	# 78
8) 2-Chlorophenol	6.75	128	312189	28.400	ng	92
9) Benzaldehyde	6.52	77	166083	23.867	ng	92
10) Phenol	6.62	94	114310	8.311	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	468747	38.327	ng	96
12) 1,3-Dichlorobenzene	6.90	146	422307	36.629	ng	98
13) 1,4-Dichlorobenzene	6.97	146	477324	37.191	ng	99
14) 1,2-Dichlorobenzene	7.12	146	420826	35.323	ng	99
15) Benzyl Alcohol	7.11	79	166718	23.256	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.22	45	677833	38.548	ng	80
17) 2-Methylphenol	7.22	107	197518	24.340	ng	# 61
18) Hexachloroethane	7.46	117	147930	32.067	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	284322	38.861	ng	97
20) 3+4-Methylphenols	7.38	107	182190	18.287	ng	# 58
22) Acetophenone	7.37	105	610489	45.177	ng	# 98
24) Nitrobenzene	7.54	77	380433	37.212	ng	98
25) Isophorone	7.77	82	779391	48.700	ng	99
26) 2-Nitrophenol	7.86	139	139359	27.162	ng	99
27) 2,4-Dimethylphenol	7.90	122	270927	39.441	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	484433	45.931	ng	99
29) 2,4-Dichlorophenol	8.11	162	259797	33.436	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	365931	41.283	ng	98
31) Naphthalene	8.26	128	1544840	59.168	ng	99
32) Benzoic acid	8.03	122	55366	13.049	ng	# 67
33) 4-Chloroaniline	8.34	127	131411	11.783	ng	95
34) Hexachlorobutadiene	8.36	225	210191	38.373	ng	99
35) Caprolactam	8.71	113	13163	5.627	ng	# 55
36) 4-Chloro-3-methylphenol	8.80	107	250356	29.668	ng	99
37) 2-Methylnaphthalene	8.95	142	795747	48.519	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	356026	48.398	ng	# 97
40) Hexachlorocyclopentadiene	9.09	237	73139	28.371	ng	99
42) 2,4,6-Trichlorophenol	9.24	196	168306	41.386	ng	96

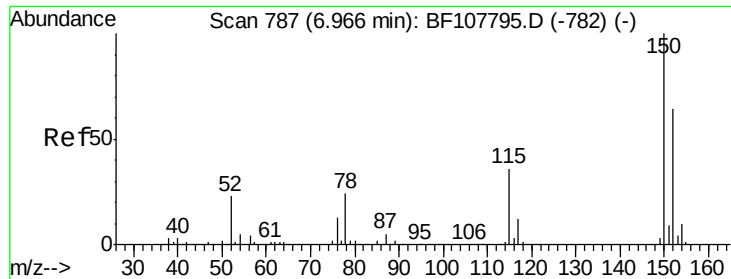
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
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 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	193127	39.447	ng	96
45) 1,1'-Biphenyl	9.41	154	932734	47.504	ng	98
46) 2-Chloronaphthalene	9.44	162	674000	45.520	ng	99
47) 2-Nitroaniline	9.55	65	206287	42.831	ng	89
48) Acenaphthylene	9.86	152	1049801	45.733	ng	99
49) Dimethylphthalate	9.71	163	807787	49.853	ng	98
50) 2,6-Dinitrotoluene	9.78	165	144123	40.929	ng	90
51) Acenaphthene	10.03	154	604327	45.321	ng	100
52) 3-Nitroaniline	9.98	138	103356	23.293	ng	99
53) 2,4-Dinitrophenol	10.10	184	30957	23.361	ng #	51
54) Dibenzofuran	10.20	168	884198	42.901	ng	98
55) 4-Nitrophenol	10.20	139	382431	171.121	ng #	14
56) 2,4-Dinitrotoluene	10.20	165	163684	35.366	ng #	89
57) Fluorene	10.55	166	711482	44.419	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.33	232	176137	39.170	ng #	77
59) Diethylphthalate	10.41	149	758803	43.556	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	348222	39.908	ng	88
61) 4-Nitroaniline	10.60	138	131078	33.287	ng	90
62) Azobenzene	10.70	77	656230	40.445	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	26143	12.113	ng	81
65) n-Nitrosodiphenylamine	10.66	169	591503	45.280	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	209050	45.209	ng #	89
67) Hexachlorobenzene	11.10	284	217014	42.322	ng #	84
68) Atrazine	11.18	200	157981	40.861	ng	97
69) Pentachlorophenol	11.30	266	158260	62.697	ng	96
70) Phenanthrene	11.52	178	897884	47.664	ng	99
71) Anthracene	11.57	178	1012168	46.583	ng	98
72) Carbazole	11.74	167	941229	43.834	ng	99
73) Di-n-butylphthalate	12.03	149	1071252	45.730	ng	100
74) Fluoranthene	12.71	202	1043099	47.133	ng	98
76) Benzidine	12.87	184	35993	3.236	ng	97
77) Pyrene	12.94	202	1025550	41.403	ng	98
79) Butylbenzylphthalate	13.54	149	454427	41.894	ng	90
80) Benzo(a)anthracene	14.14	228	874522	44.880	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	157962	20.912	ng	95
82) Chrysene	14.17	228	981866	46.717	ng	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	621007	45.541	ng	99
84) Di-n-octyl phthalate	14.71	149	1098279	50.178	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	704574	44.073	ng #	93
87) Benzo(b)fluoranthene	15.22	252	737485	49.873	ng	99
88) Benzo(k)fluoranthene	15.25	252	832948	45.880	ng	97
89) Benzo(a)pyrene	15.61	252	706696	46.294	ng	99
90) Dibenzo(a,h)anthracene	17.27	278	593467	44.568	ng #	94
91) Benzo(g,h,i)perylene	17.74	276	555640	43.125	ng #	93

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

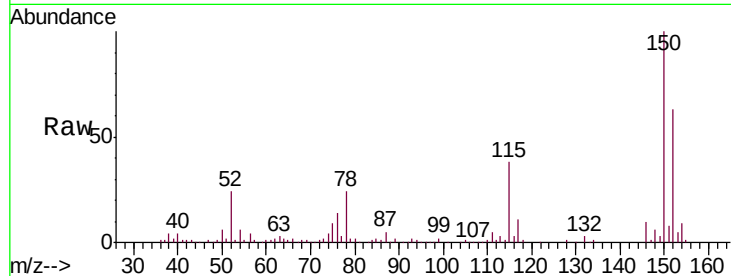


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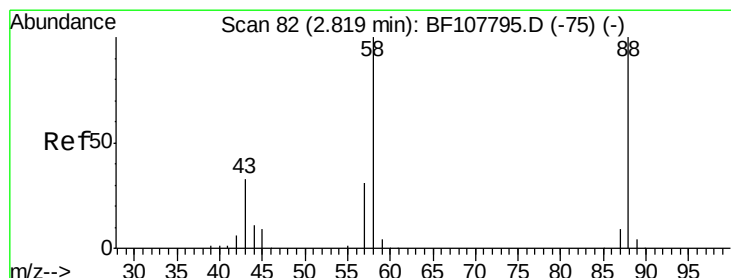
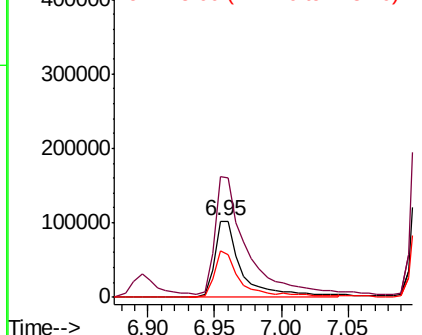
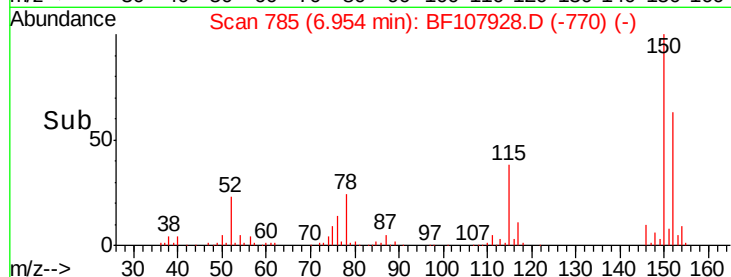
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tgt Ion:152 Resp: 148732
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 60.9 50.1 75.1



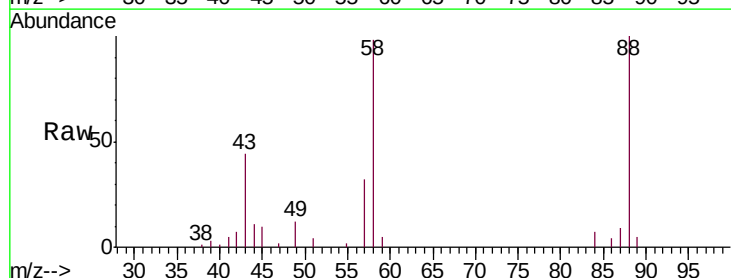
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



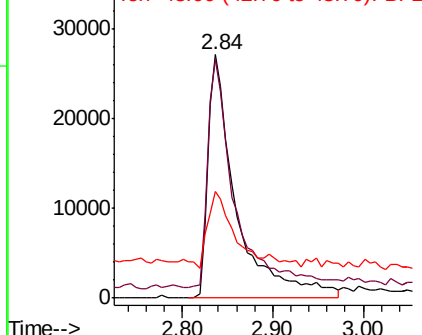
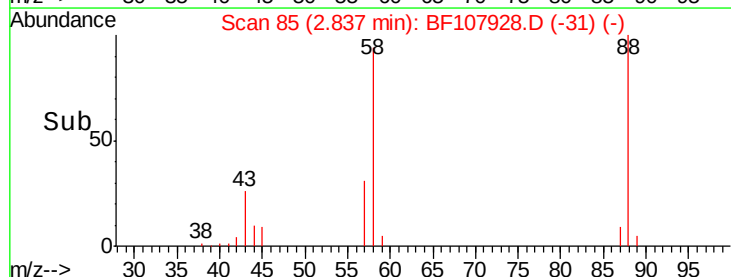
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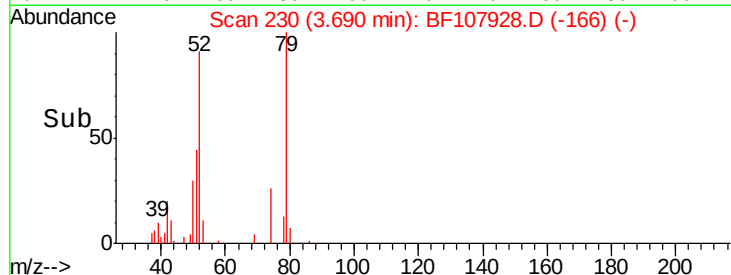
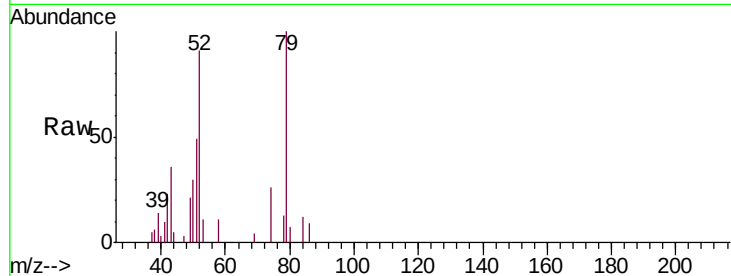
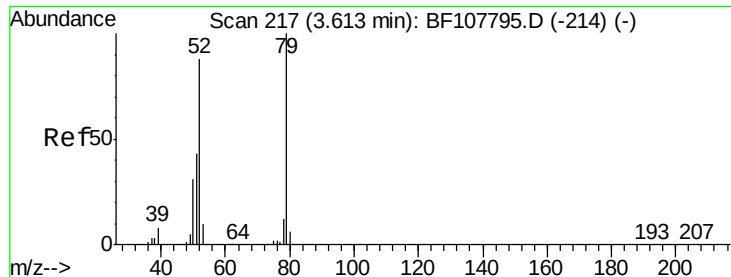
1,4-Dioxane
Concen: 18.538 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion: 88 Resp: 59511
Ion Ratio Lower Upper
88 100
58 90.5 62.6 93.8
43 22.9 24.6 37.0#



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

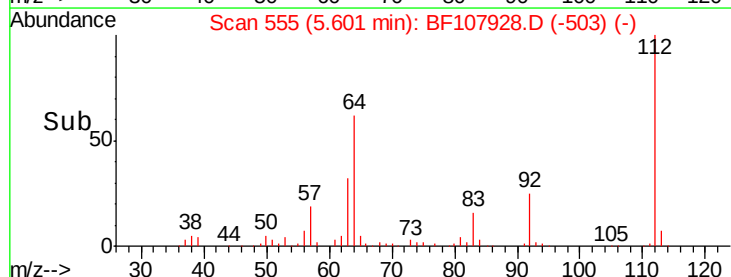
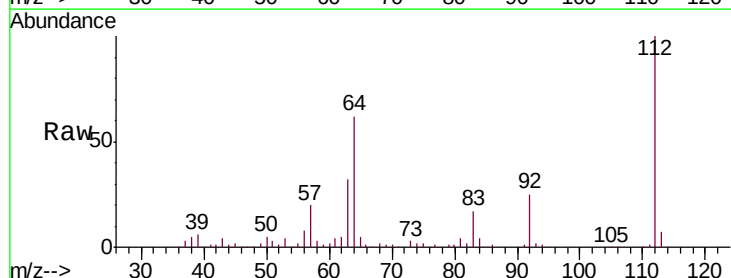
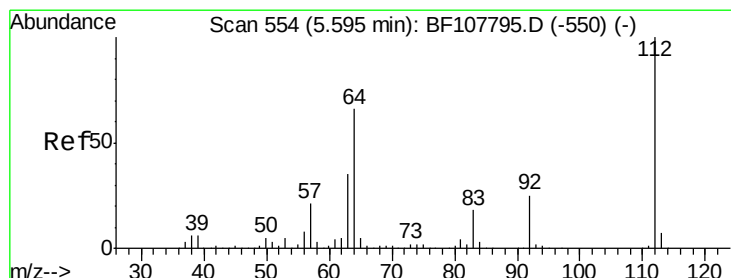
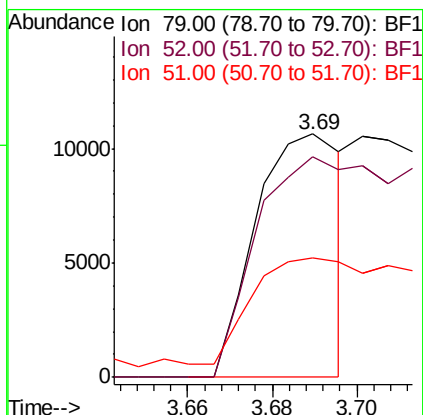




#3
Pyridine
Concen: 7.532 ng
RT: 3.69 min Scan# 230
Delta R.T. 0.08 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

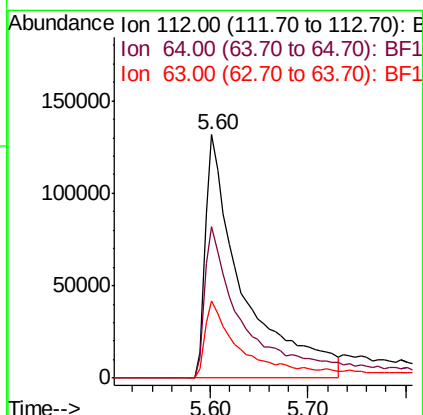
Instrument :
BNA_F
ClientSampleId :
GW-03MS

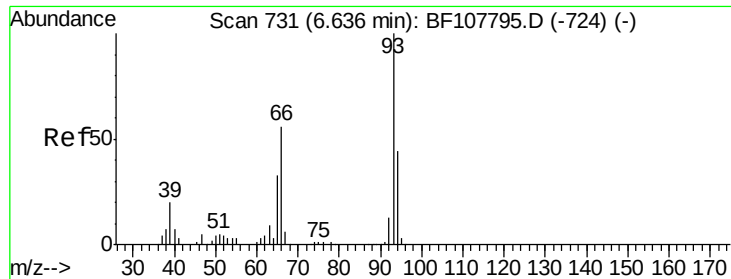
Tgt Ion	Ratio	Lower	Upper
79	100		
52	90.8	59.8	89.6#
51	49.2	29.8	44.8#



#5
2-Fluorophenol
Concen: 39.928 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	31.9	23.7	35.5





#6

Aniline

Concen: 12.841 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

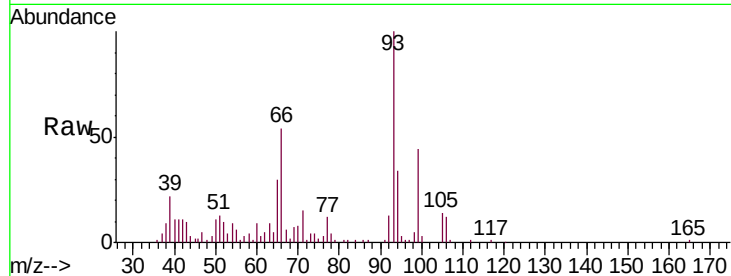
Tgt Ion: 93 Resp: 154045

Ion Ratio Lower Upper

93 100

66 54.0 32.2 48.2#

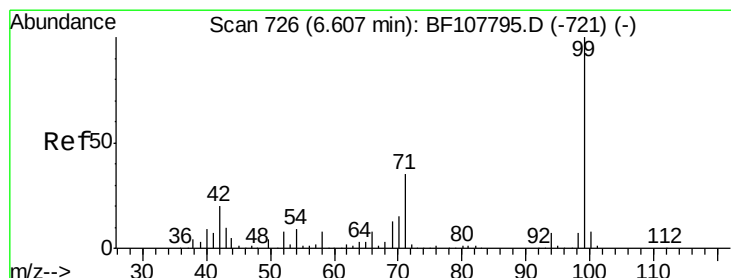
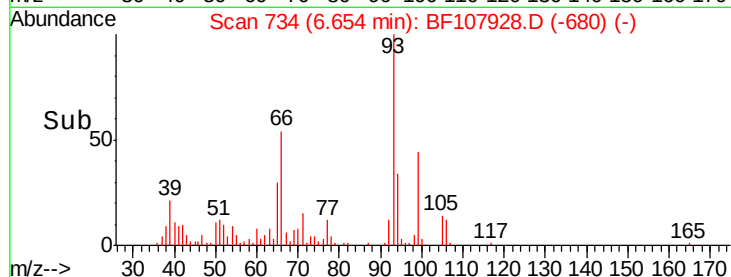
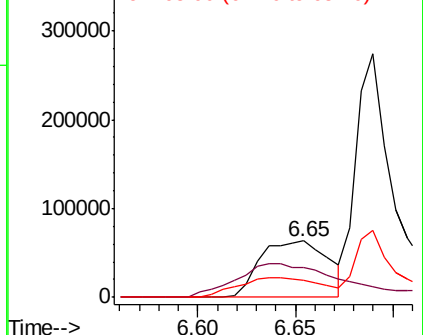
65 29.8 16.4 24.6#



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: 27.910 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

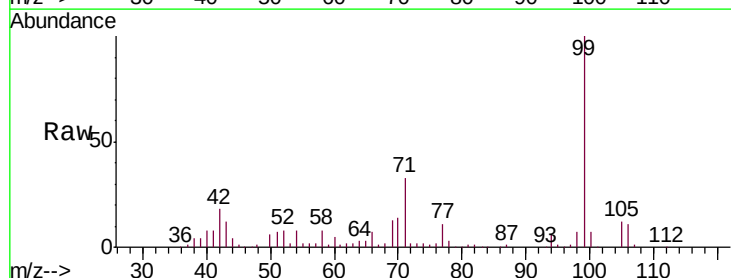
Tgt Ion: 99 Resp: 321907

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

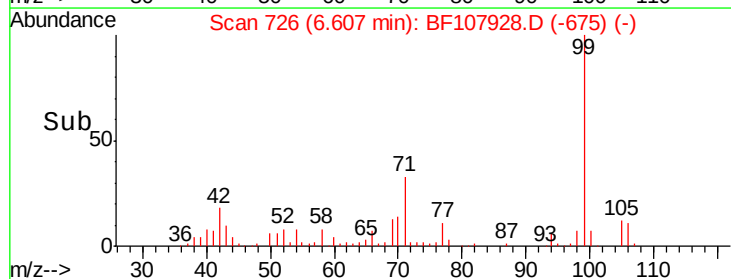
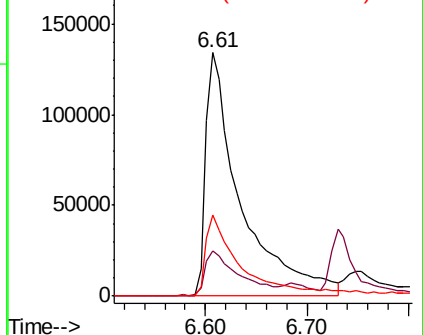
71 33.1 25.4 38.0

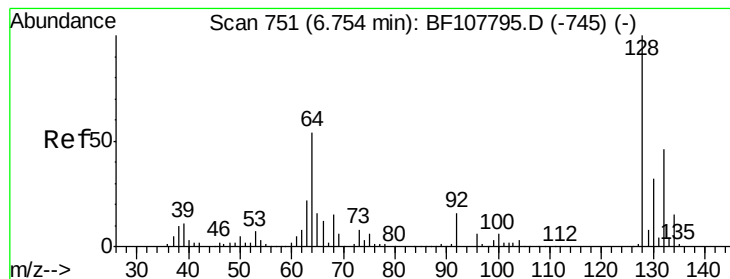


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 28.400 ng

RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

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GW-03MS

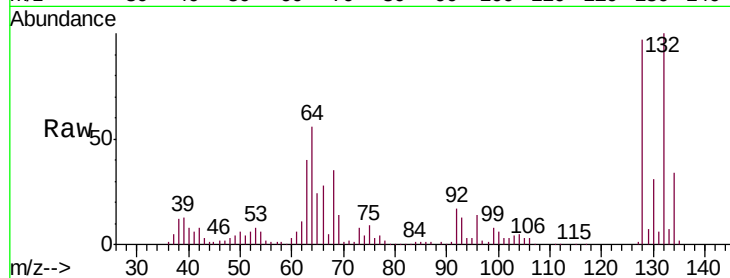
Tgt Ion:128 Resp: 312189

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

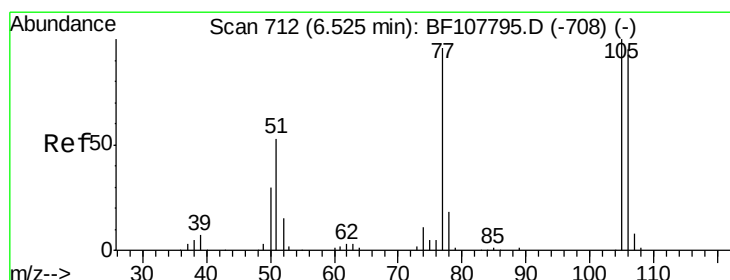
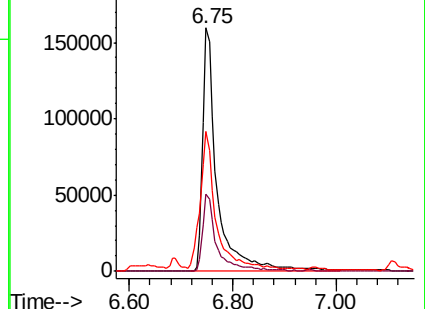
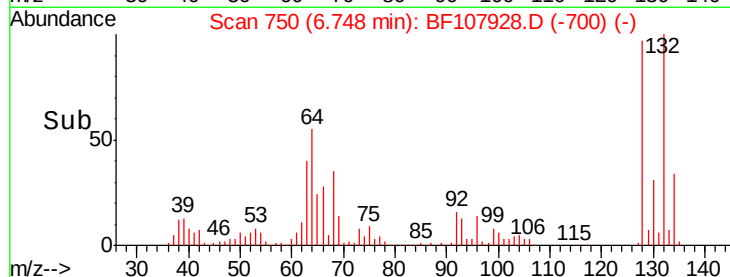
64 57.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 23.867 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

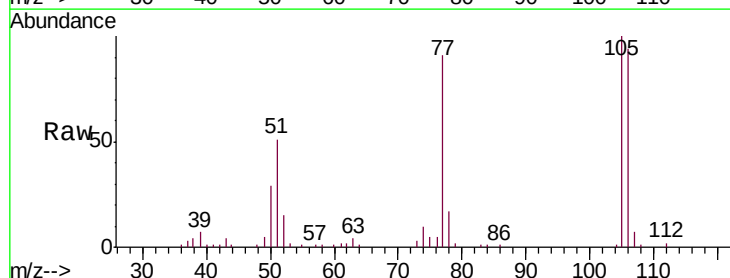
Tgt Ion: 77 Resp: 166083

Ion Ratio Lower Upper

77 100

105 109.3 81.1 121.1

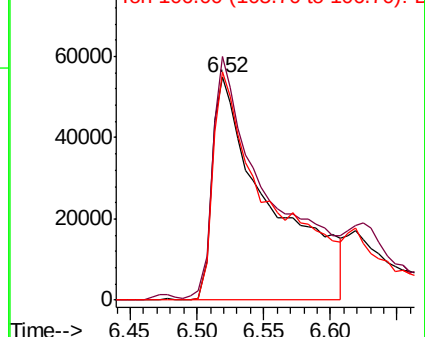
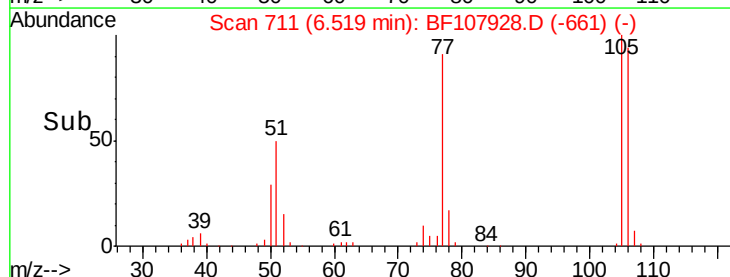
106 102.6 74.5 114.5

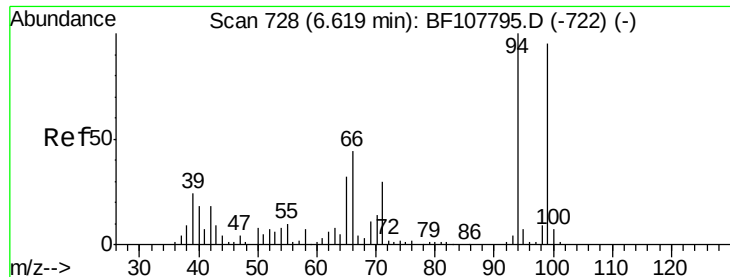


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 8.311 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

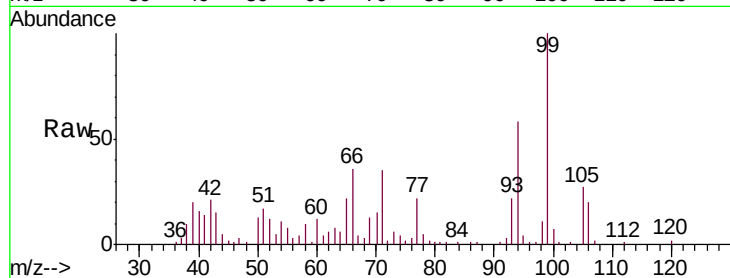
Tgt Ion: 94 Resp: 114310

Ion Ratio Lower Upper

94 100

65 38.7 7.9 47.9

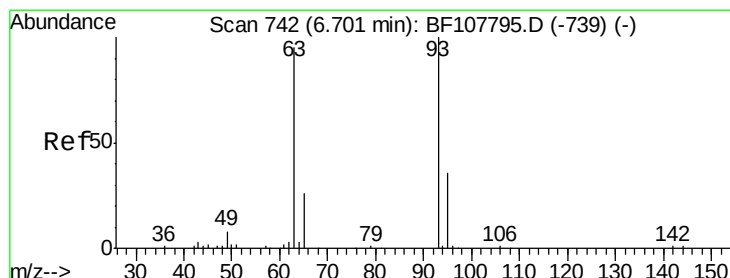
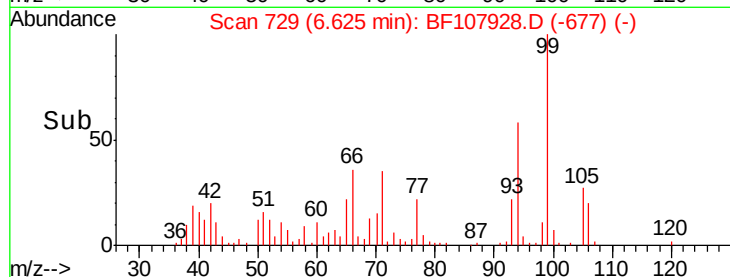
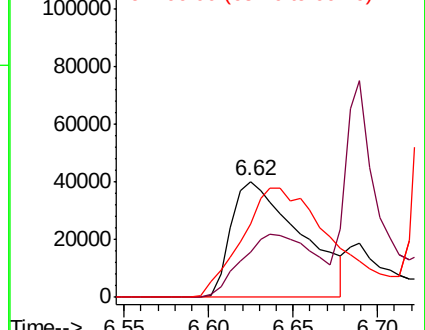
66 62.9 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 38.327 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

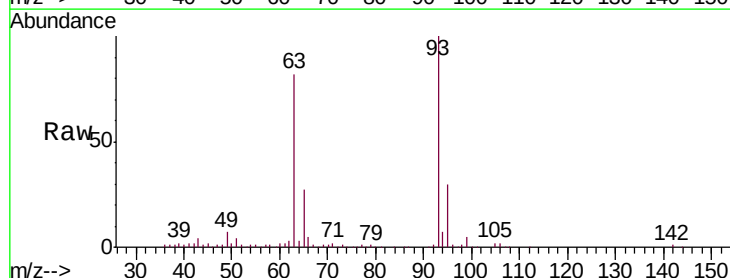
Tgt Ion: 93 Resp: 468747

Ion Ratio Lower Upper

93 100

63 82.1 58.6 98.6

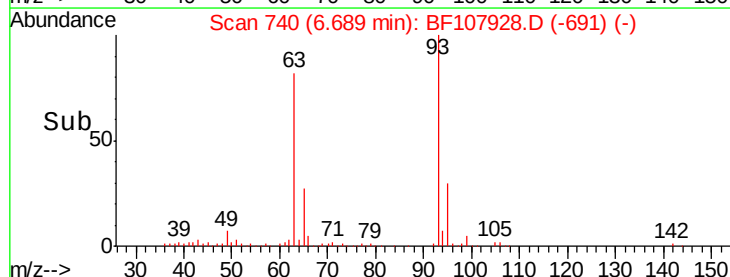
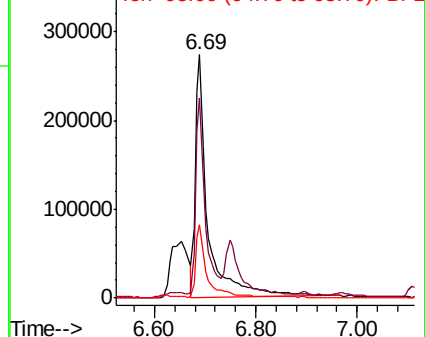
95 30.2 11.8 51.8

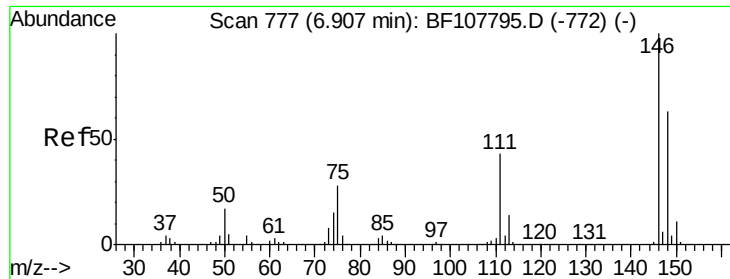


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

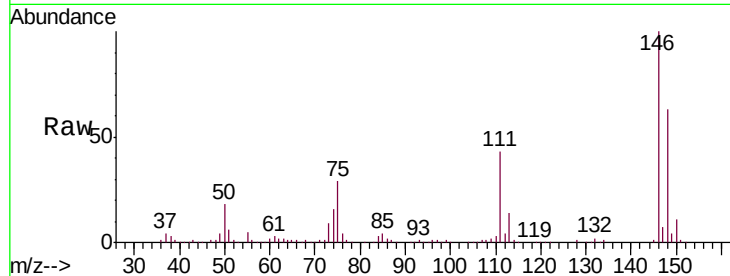




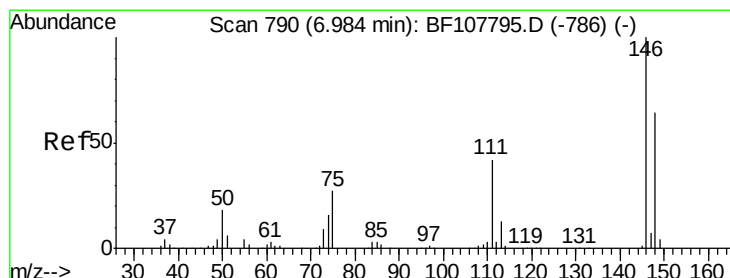
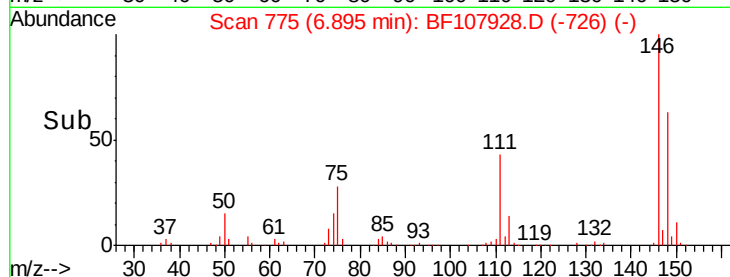
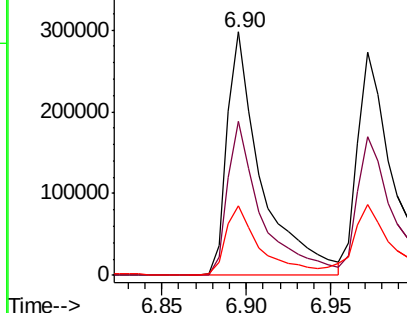
#12
 1,3-Dichlorobenzene
 Concen: 36.629 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	28.7	24.2	36.4

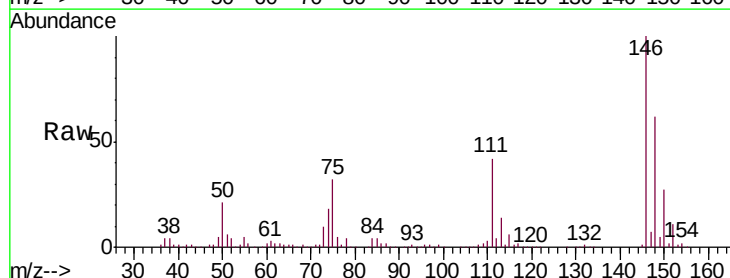


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

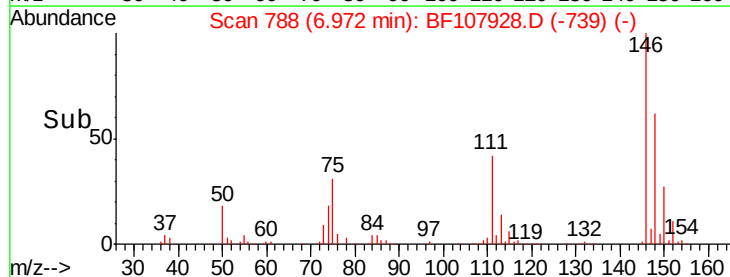
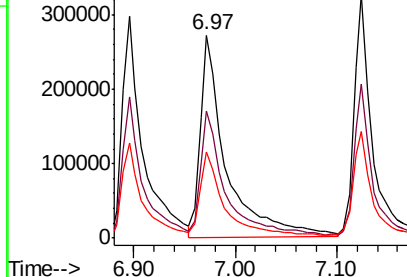


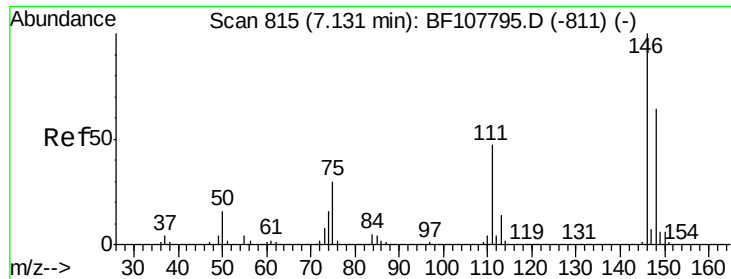
#13
 1,4-Dichlorobenzene
 Concen: 37.191 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	42.3	34.2	51.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

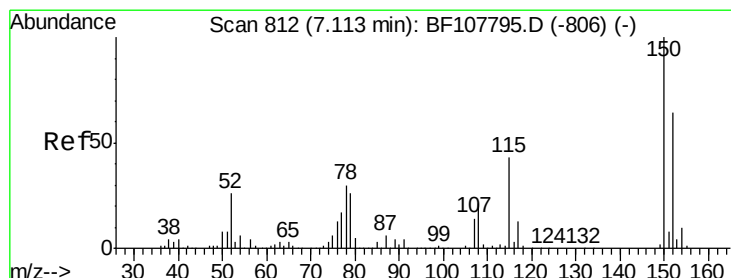
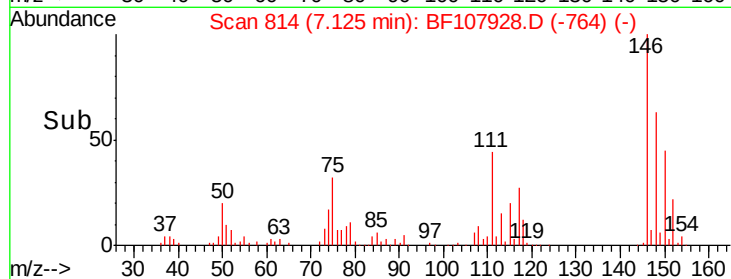
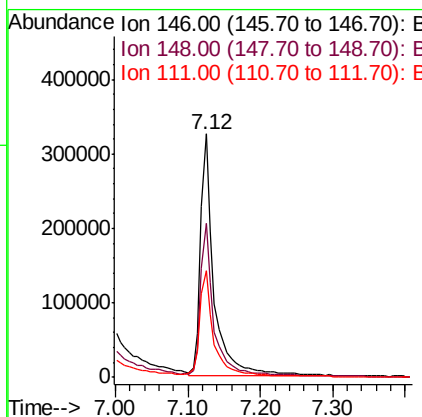
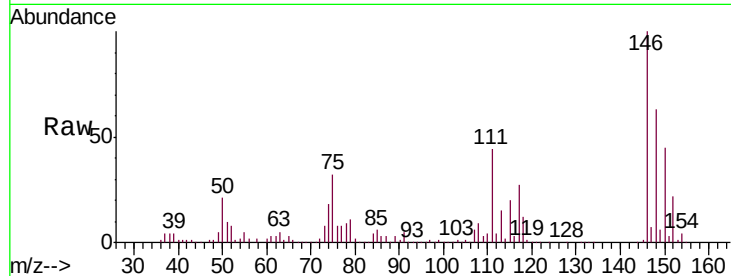




#14
 1,2-Dichlorobenzene
 Concen: 35.323 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

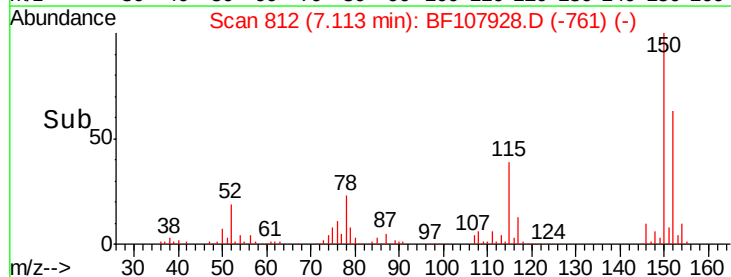
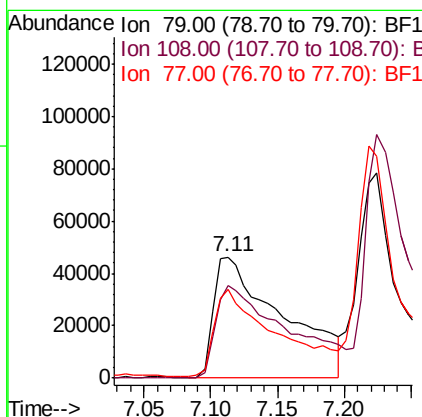
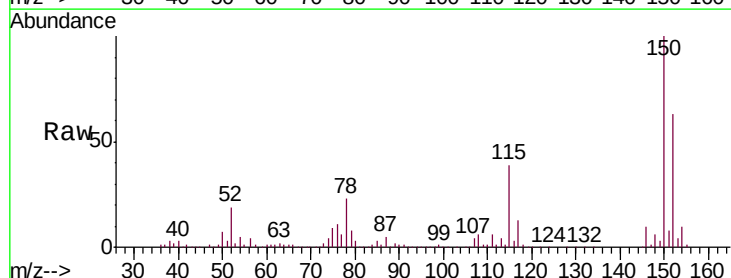
Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

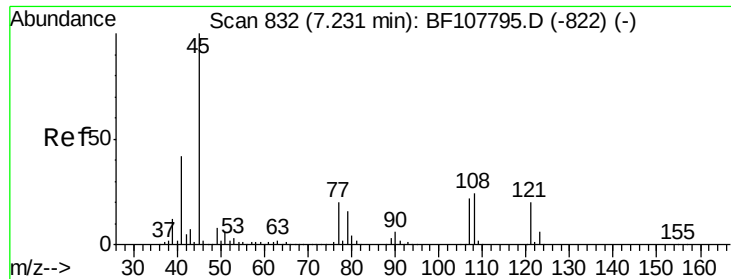
Tgt Ion:146 Resp: 420826
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 44.0 36.0 54.0



#15
 Benzyl Alcohol
 Concen: 23.256 ng
 RT: 7.11 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion: 79 Resp: 166718
 Ion Ratio Lower Upper
 79 100
 108 76.1 65.1 97.7
 77 73.3 50.6 75.8

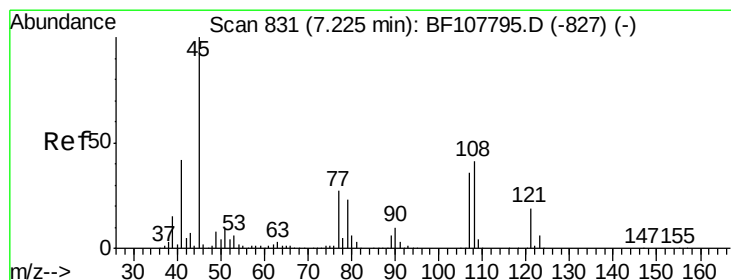
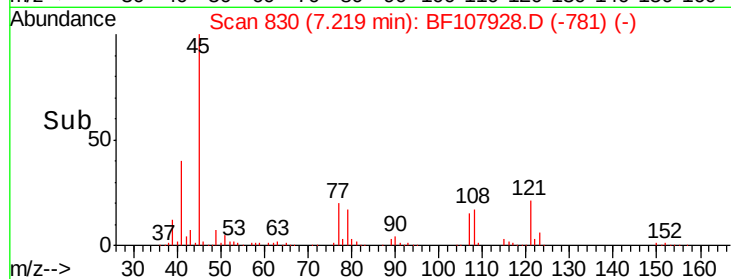
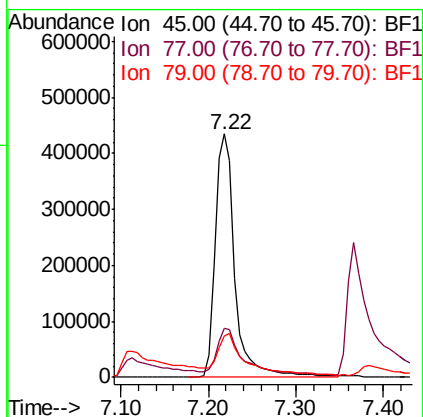
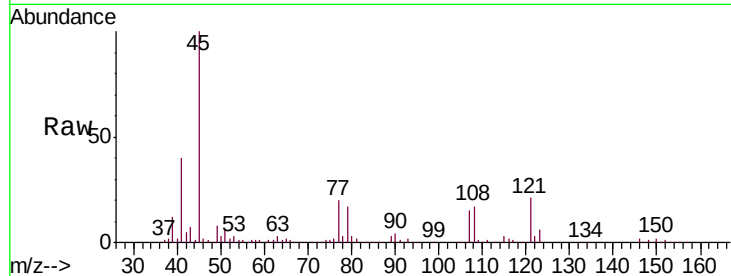




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.548 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

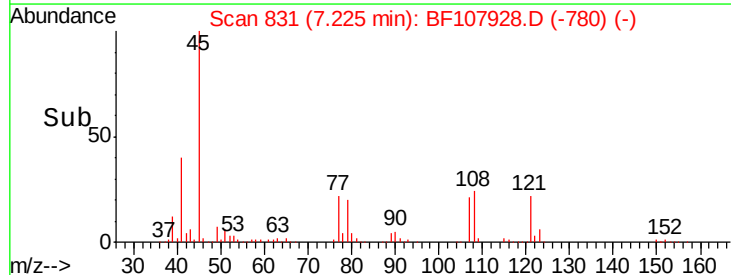
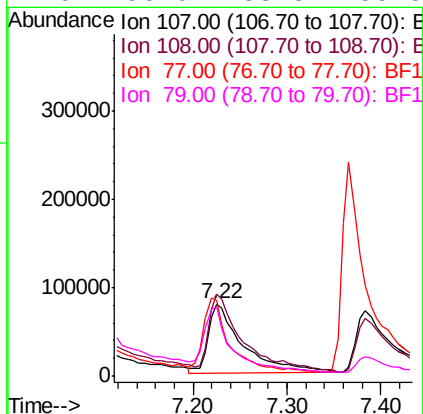
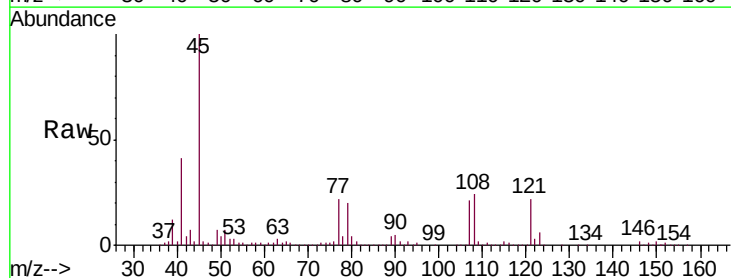
Instrument :
BNA_F
ClientSampleId :
GW-03MS

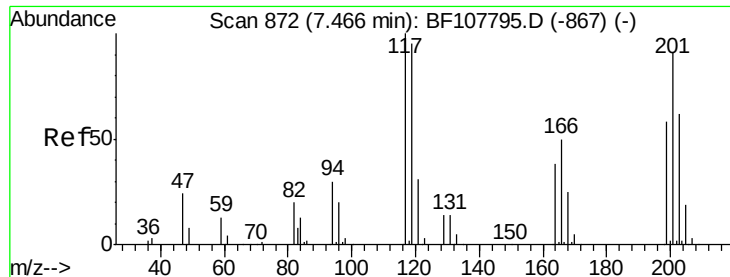
Tgt Ion: 45 Resp: 677833
Ion Ratio Lower Upper
45 100
77 20.4 0.0 32.9
79 17.2 0.0 29.6



#17
2-Methylphenol
Concen: 24.340 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion: 107 Resp: 197518
Ion Ratio Lower Upper
107 100
108 114.0 91.7 137.5
77 104.0 33.8 50.8#
79 96.0 33.8 50.8#

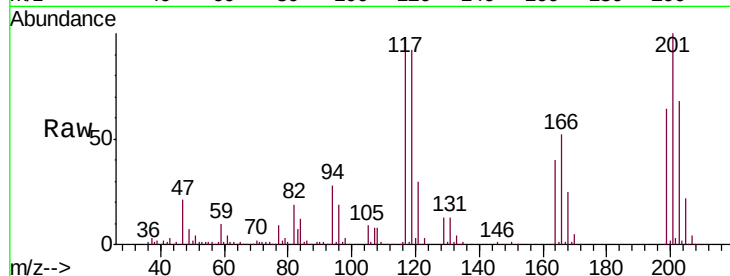




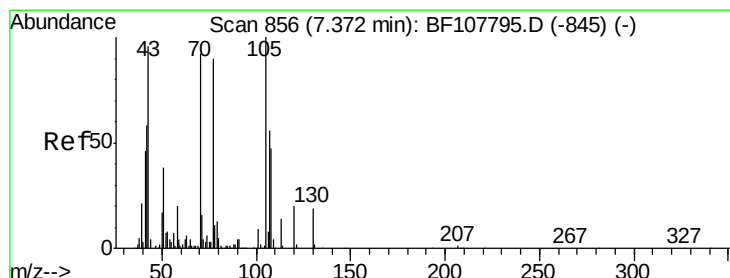
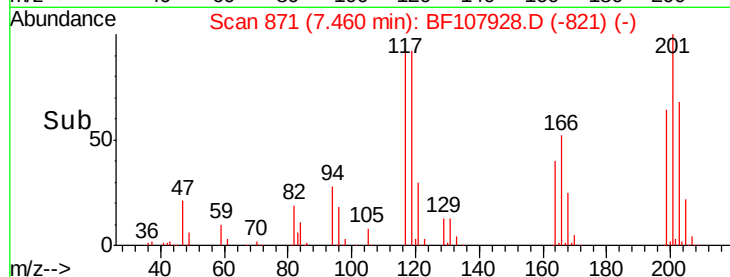
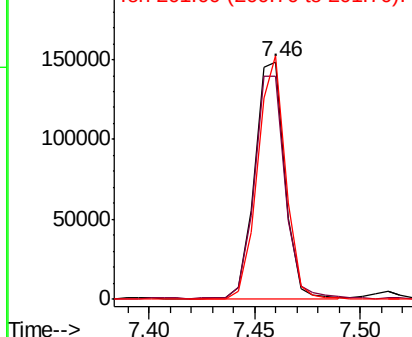
#18
Hexachloroethane
Concen: 32.067 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tgt Ion: 117 Resp: 147930
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.8
201 102.5 75.7 113.5

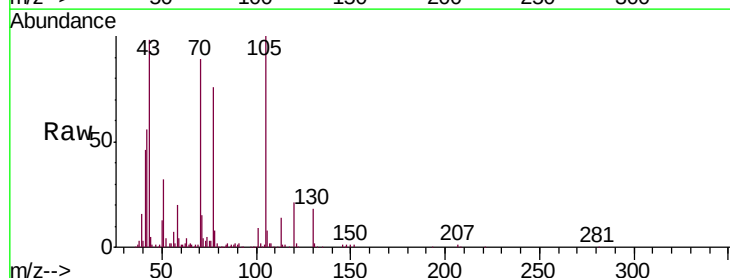


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

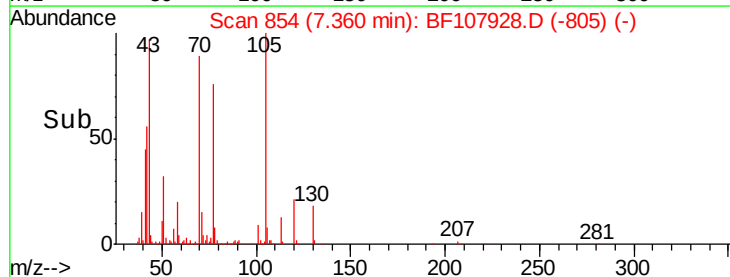
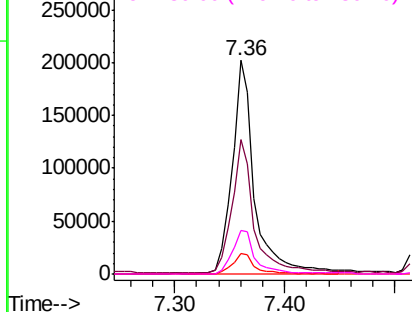


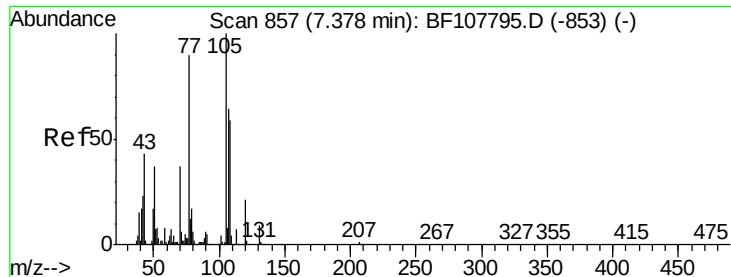
#19
n-Nitroso-di-n-propylamine
Concen: 38.861 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion: 70 Resp: 284322
Ion Ratio Lower Upper
70 100
42 62.7 47.5 71.3
101 9.9 7.4 11.2
130 20.2 16.6 25.0



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

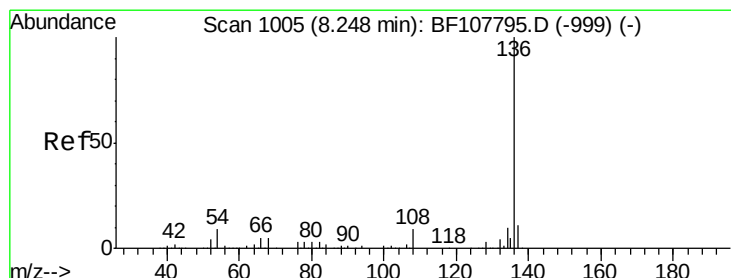
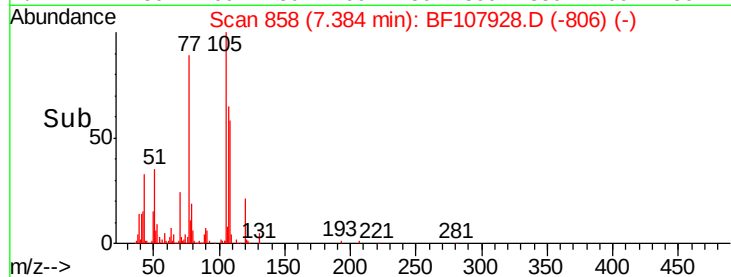
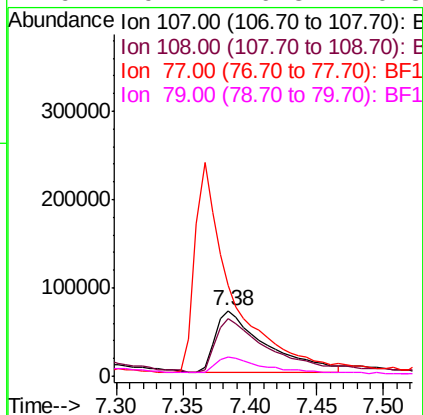
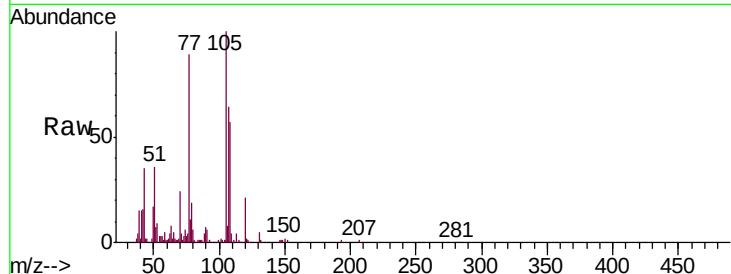




#20
3+4-Methylphenols
Concen: 18.287 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

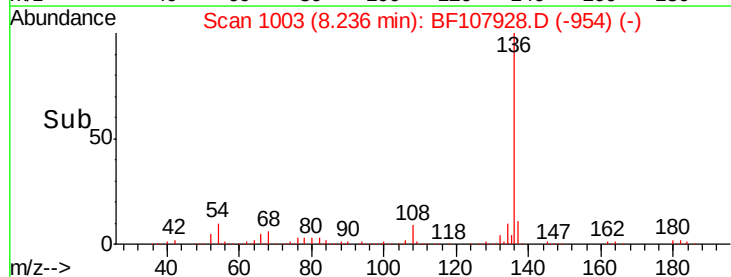
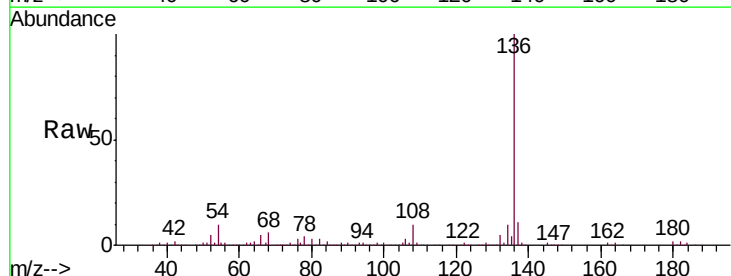
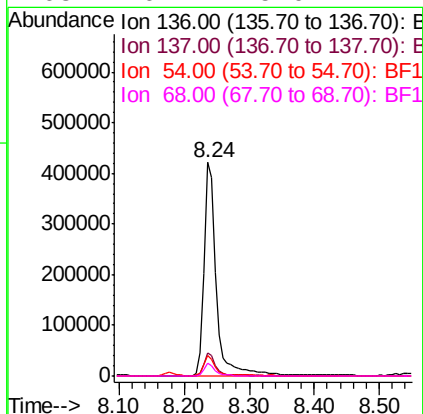
Instrument :
BNA_F
ClientSampleId :
GW-03MS

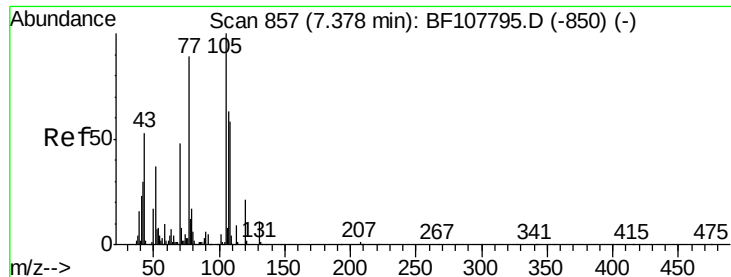
Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	139.0	26.7	66.7#
79	29.1	6.3	46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.8	6.6	9.8
68	6.2	5.0	7.4





#22

Acetophenone

Concen: 45.177 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

Tgt Ion: 105 Resp: 610489

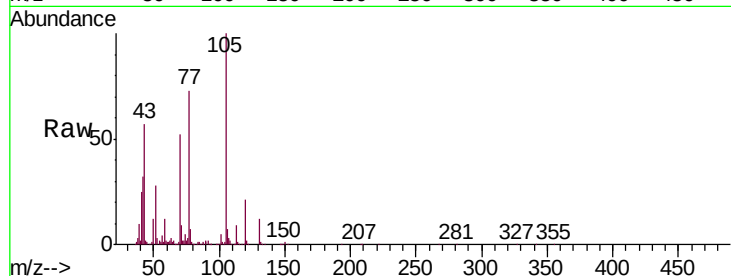
Ion Ratio Lower Upper

105 100

71 9.1 4.4 6.6#

51 27.7 22.3 33.5

120 20.6 16.9 25.3

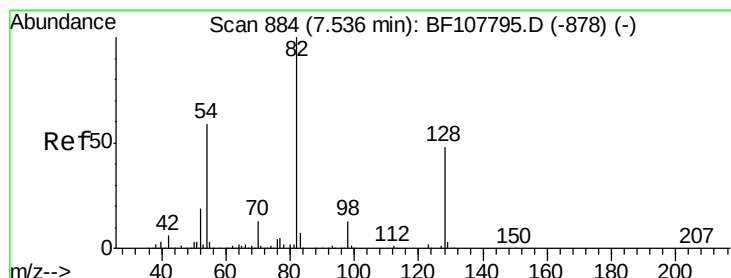
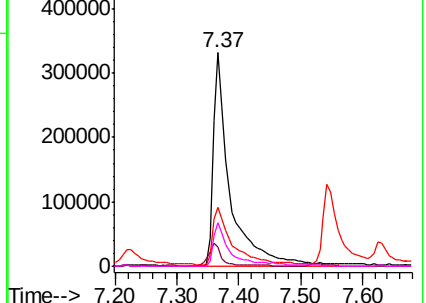
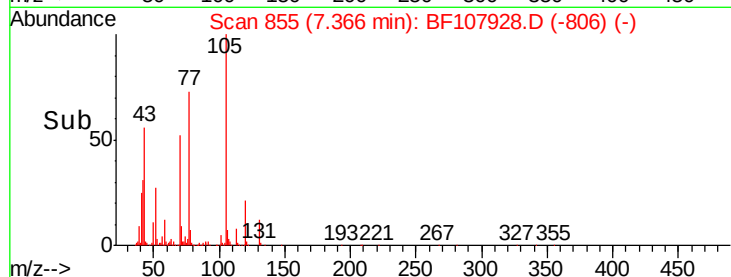


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 84.122 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

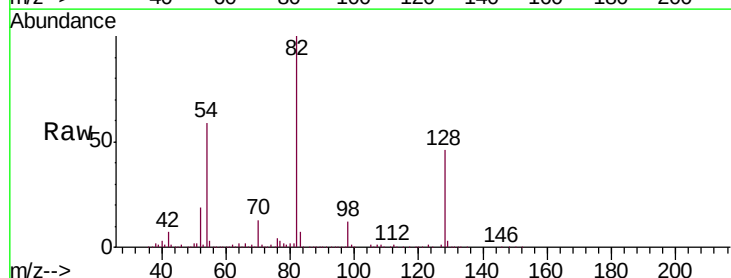
Tgt Ion: 82 Resp: 820165

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

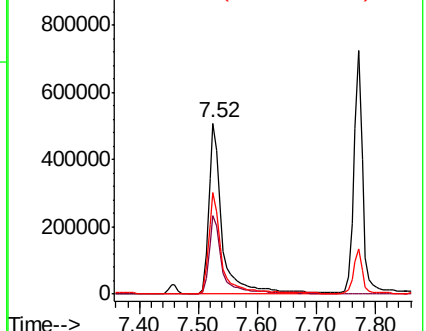
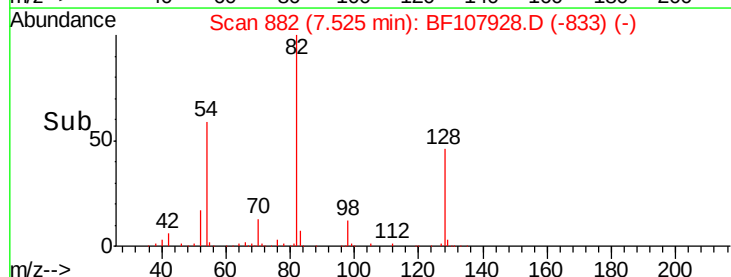
54 59.3 41.4 62.2

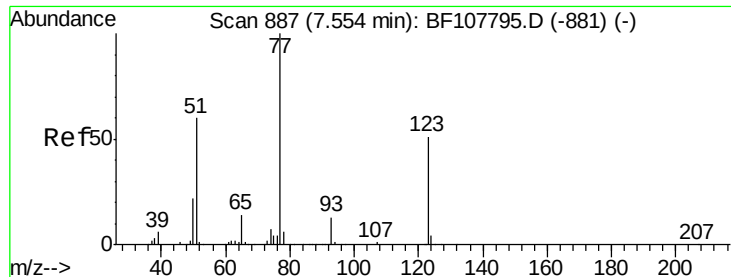


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 37.212 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

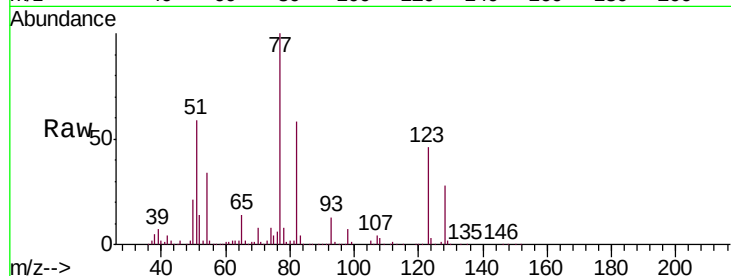
Tgt Ion: 77 Resp: 380433

Ion Ratio Lower Upper

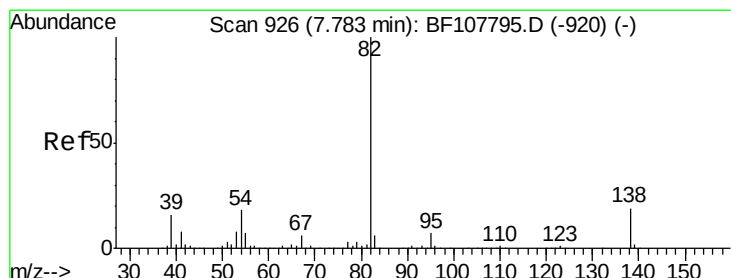
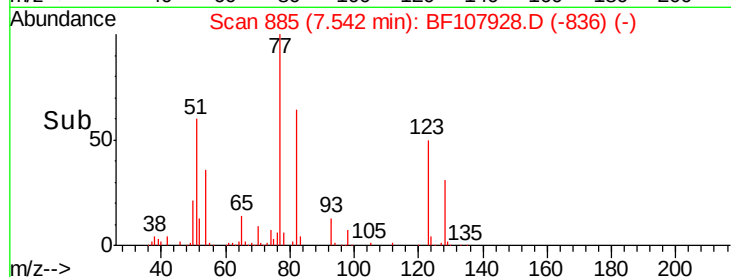
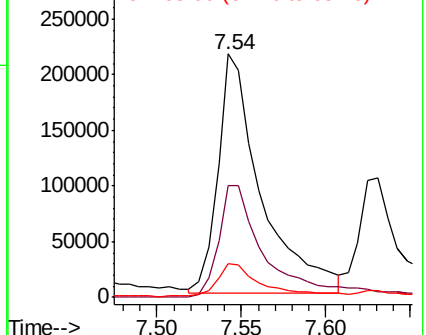
77 100

123 46.2 37.9 56.9

65 14.0 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: 48.700 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

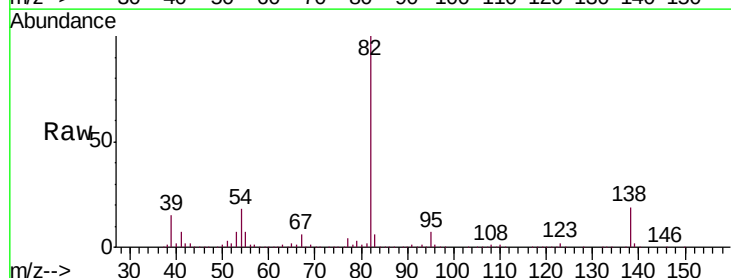
Tgt Ion: 82 Resp: 779391

Ion Ratio Lower Upper

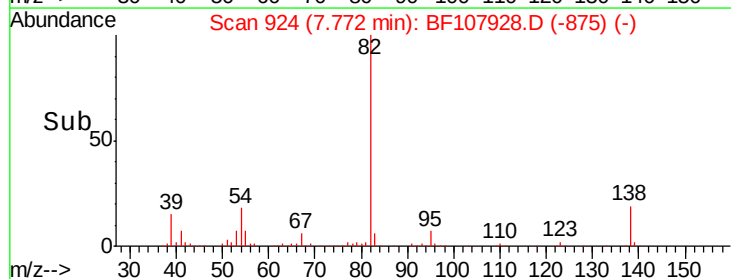
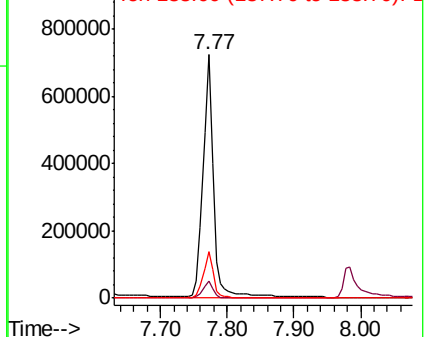
82 100

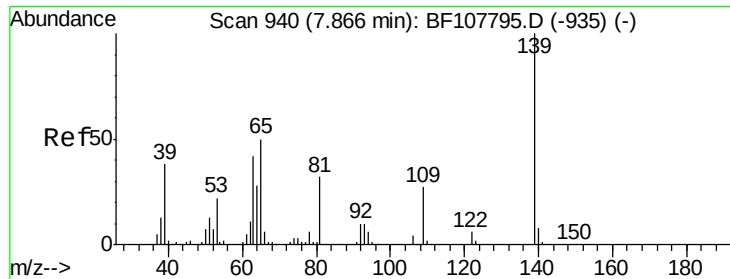
95 6.8 5.2 7.8

138 19.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

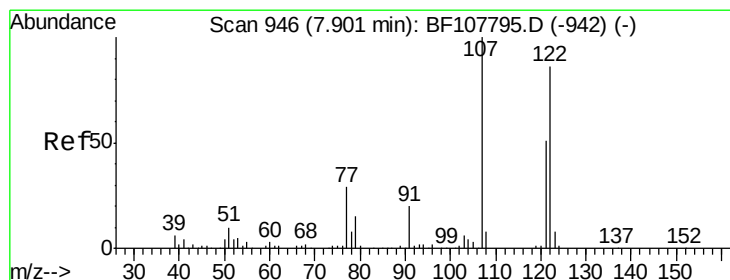
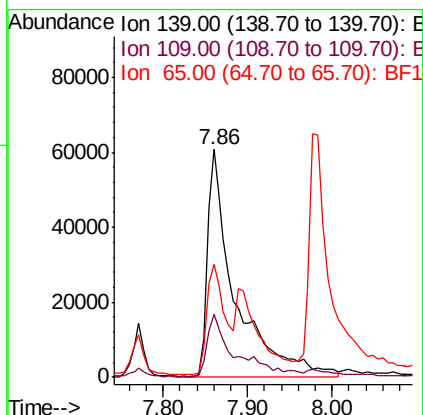
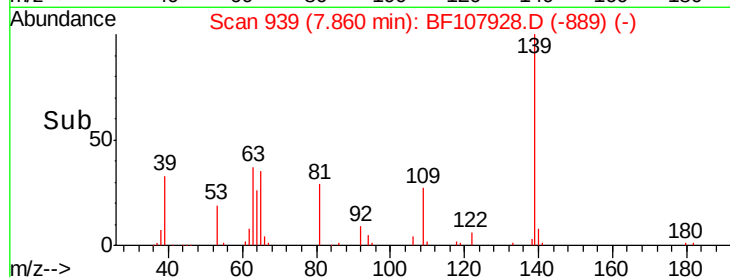
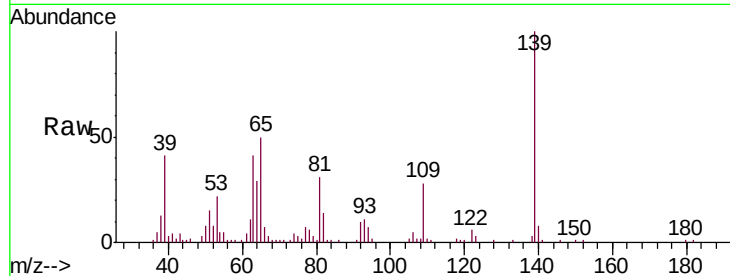




#26
 2-Nitrophenol
 Concen: 27.162 ng
 RT: 7.86 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

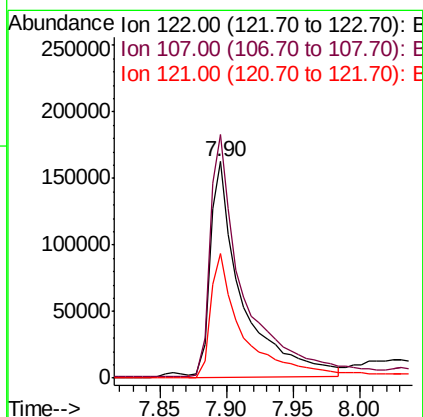
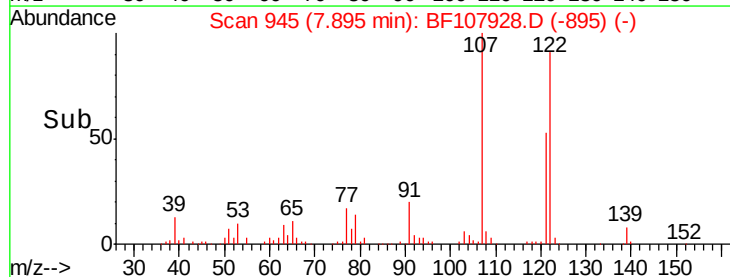
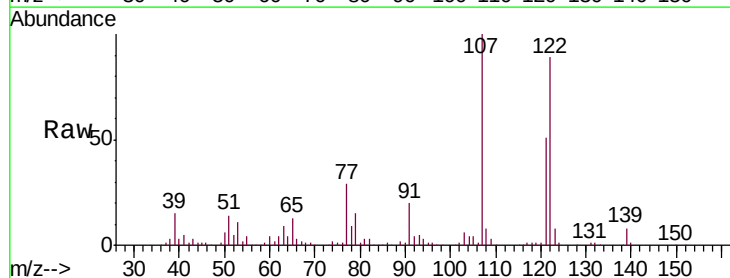
Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

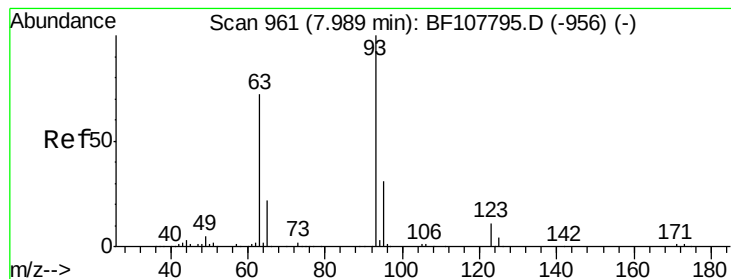
Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	49.6	40.5	60.7



#27
 2,4-Dimethylphenol
 Concen: 39.441 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.5	91.2	136.8
121	57.7	47.2	70.8





#28

bis(2-Chloroethoxy)methane

Concen: 45.931 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

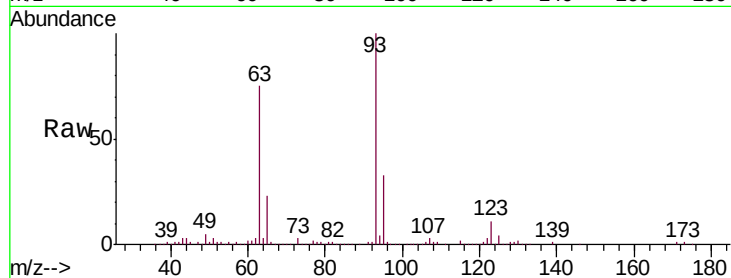
Tgt Ion: 93 Resp: 484433

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

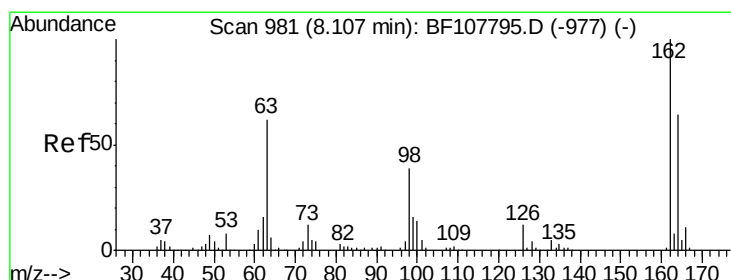
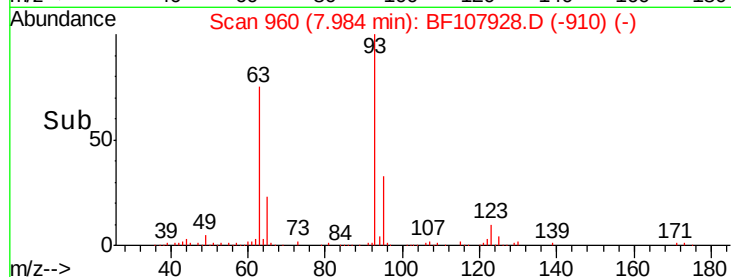
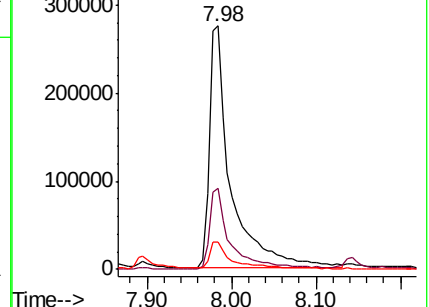
123 11.3 9.8 14.6



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): BF1



#29

2,4-Dichlorophenol

Concen: 33.436 ng

RT: 8.11 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

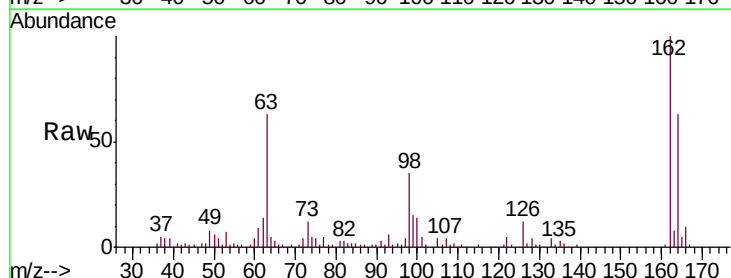
Tgt Ion: 162 Resp: 259797

Ion Ratio Lower Upper

162 100

164 63.1 42.7 82.7

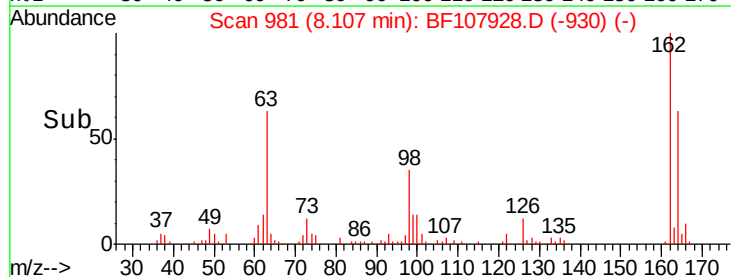
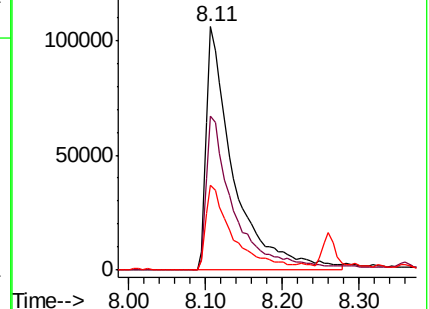
98 35.0 18.1 58.1

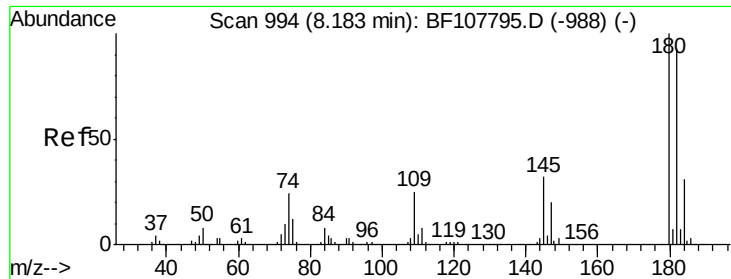


Abundance Ion 162.00 (161.70 to 162.70): BF1

Ion 164.00 (163.70 to 164.70): BF1

Ion 98.00 (97.70 to 98.70): BF1

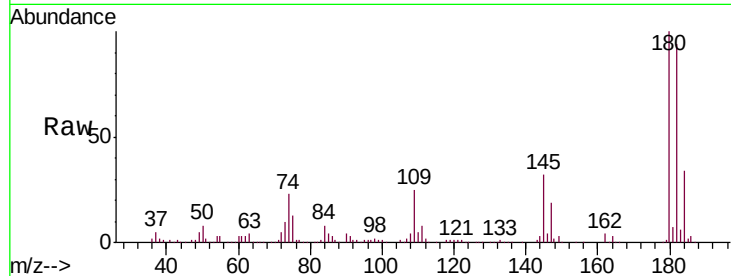




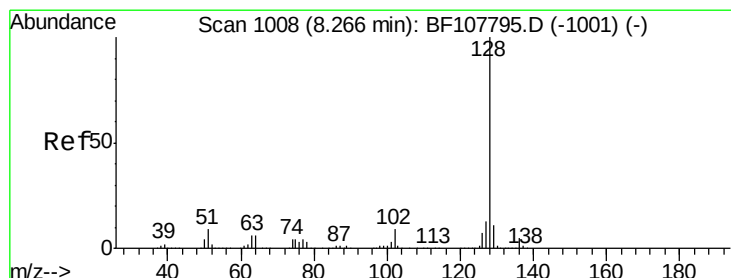
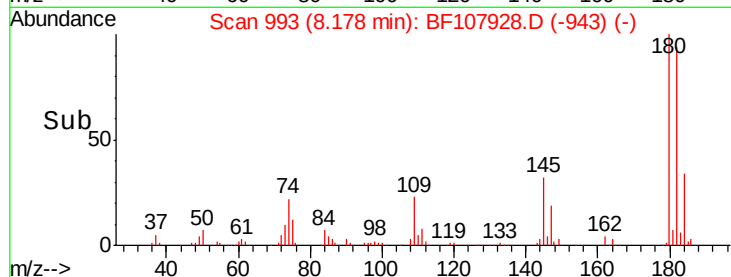
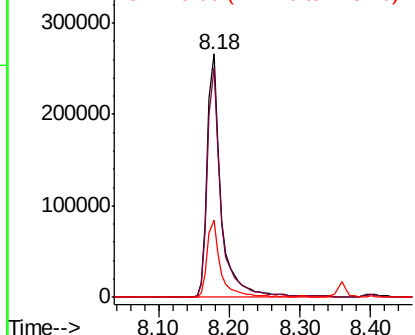
#30
1,2,4-Trichlorobenzene
Concen: 41.283 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tgt Ion:180 Resp: 365931
Ion Ratio Lower Upper
180 100
182 94.2 76.8 115.2
145 31.8 26.5 39.7

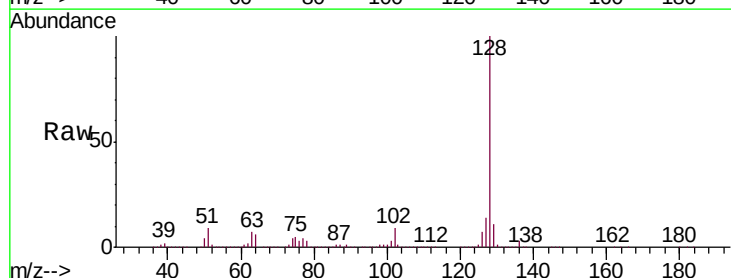


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

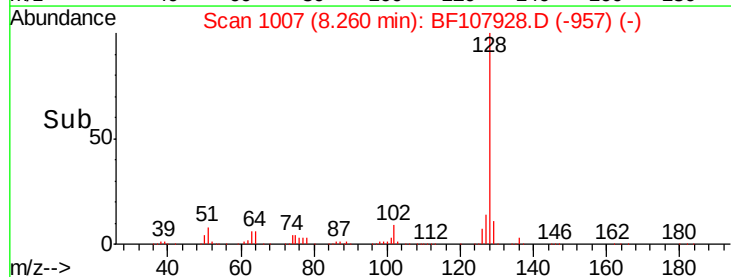
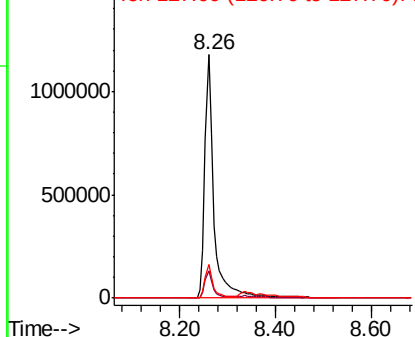


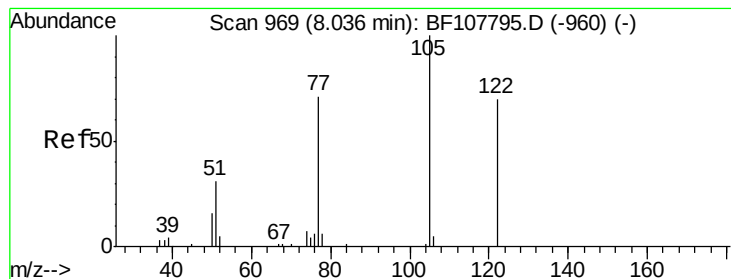
#31
Naphthalene
Concen: 59.168 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion:128 Resp: 1544840
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.8 10.9 16.3



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





#32

Benzoic acid

Concen: 13.049 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

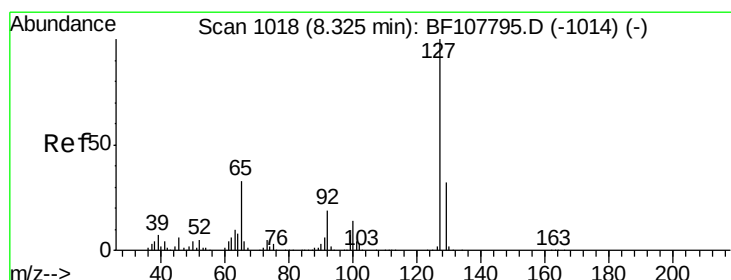
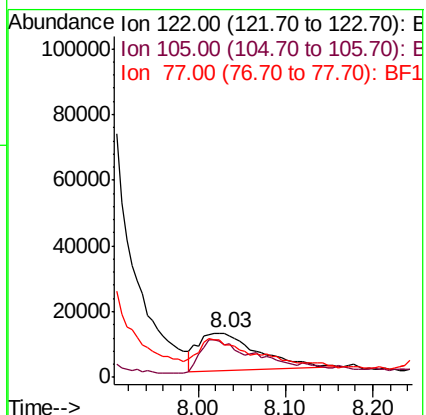
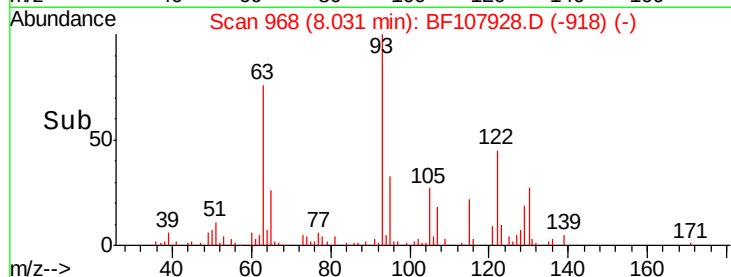
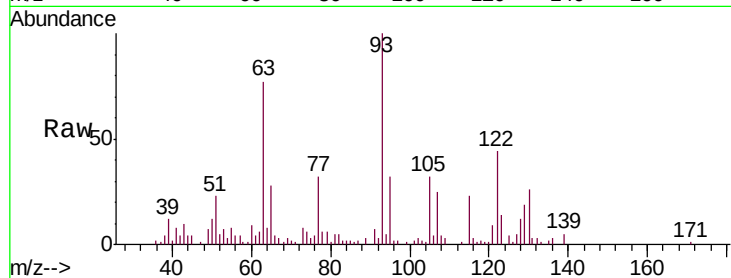
Tgt Ion:122 Resp: 55366

Ion Ratio Lower Upper

122 100

105 73.1 101.1 141.1#

77 73.1 70.7 110.7



#33

4-Chloroaniline

Concen: 11.783 ng

RT: 8.34 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Tgt Ion:127 Resp: 131411

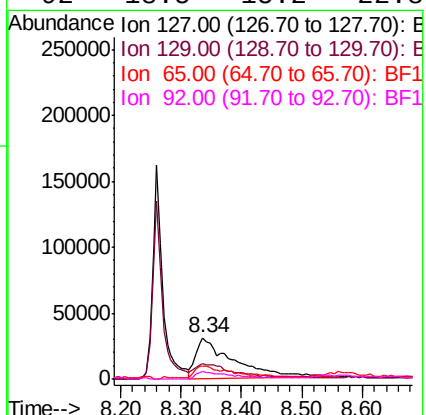
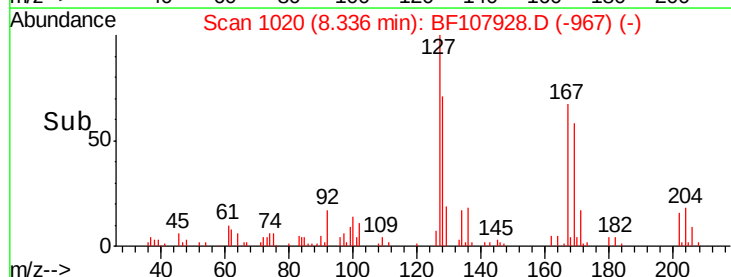
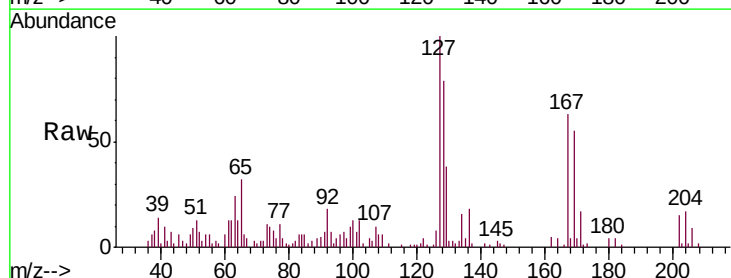
Ion Ratio Lower Upper

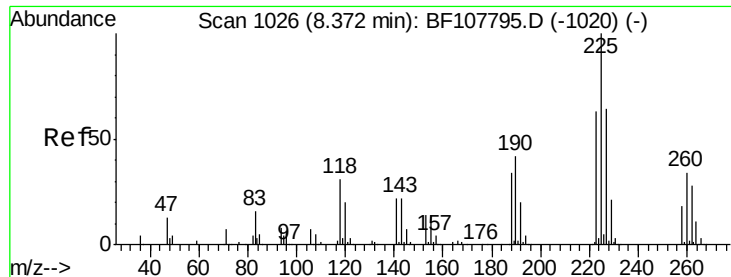
127 100

129 38.3 25.9 38.9

65 31.6 25.0 37.4

92 18.5 15.2 22.8

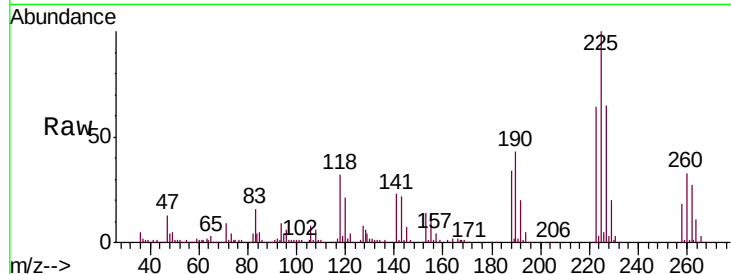




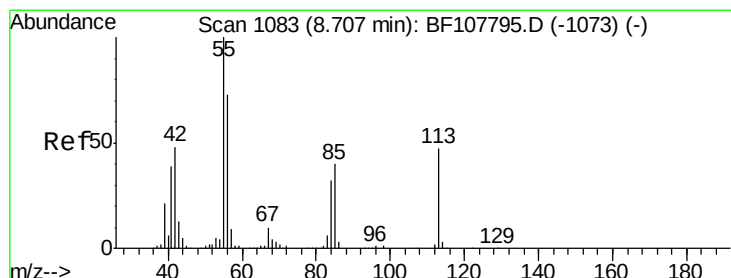
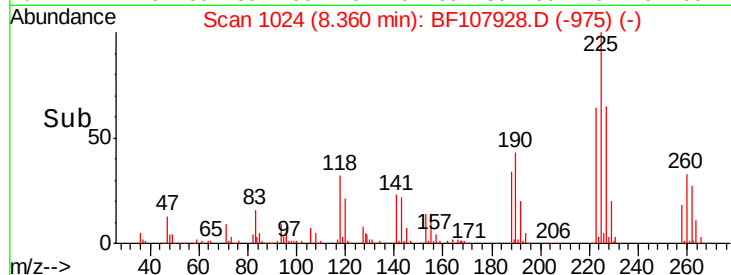
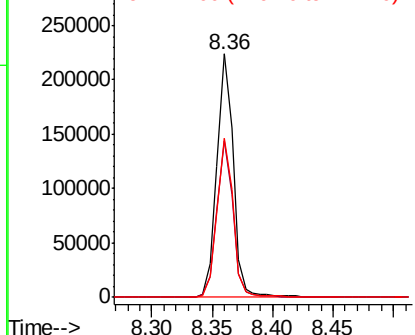
#34
Hexachlorobutadiene
Concen: 38.373 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tgt Ion:	225	Resp:	210191
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	65.3	51.9	77.9

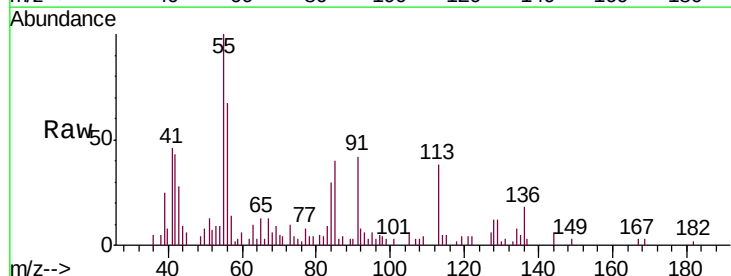


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

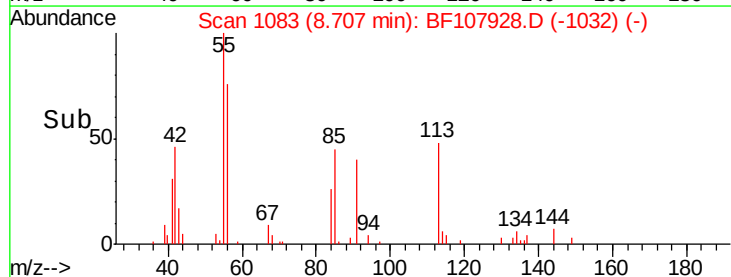
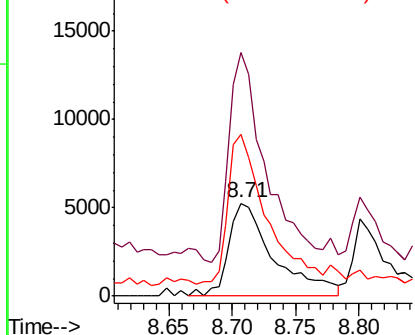


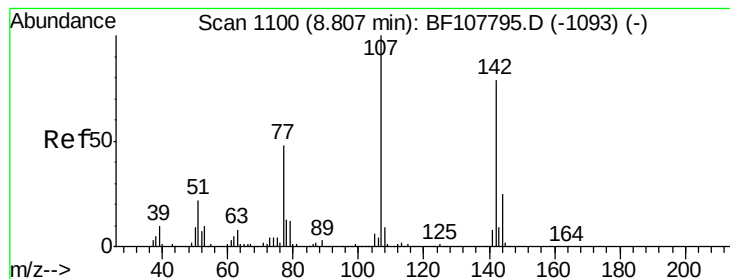
#35
Caprolactam
Concen: 5.627 ng
RT: 8.71 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion:	113	Resp:	13163
Ion	Ratio	Lower	Upper
113	100		
55	261.8	163.3	203.3#
56	174.3	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: 29.668 ng

RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

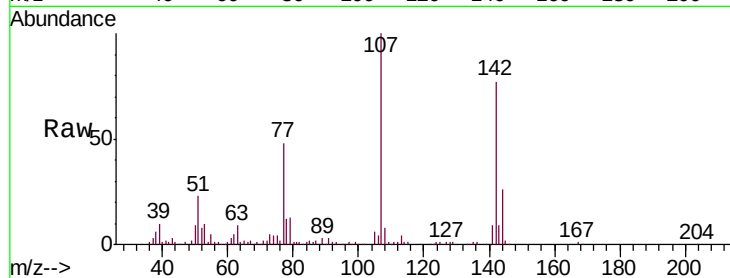
Tgt Ion:107 Resp: 250356

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

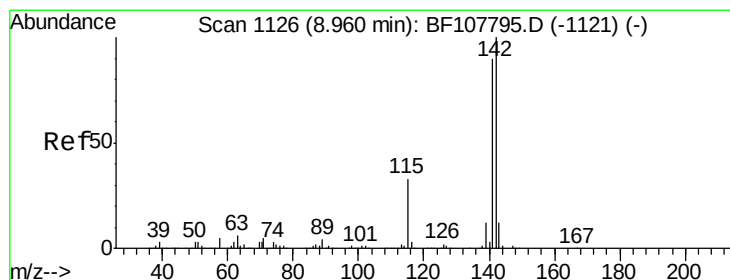
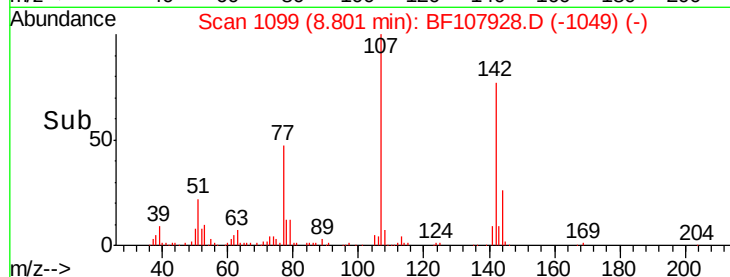
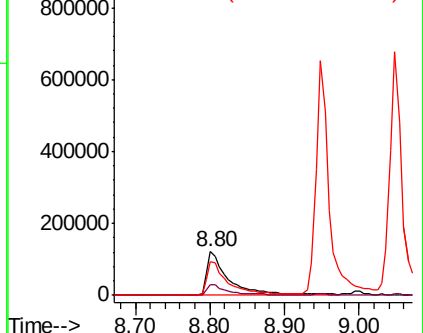
142 76.7 62.0 93.0



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: 48.519 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

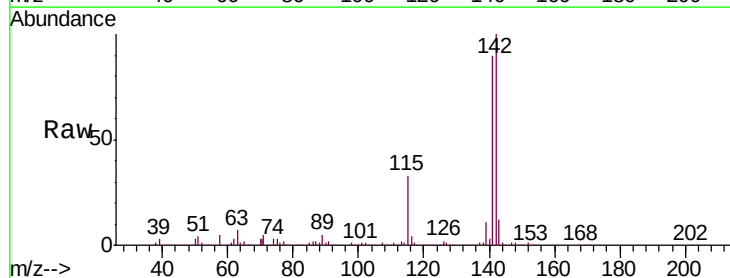
Tgt Ion:142 Resp: 795747

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2

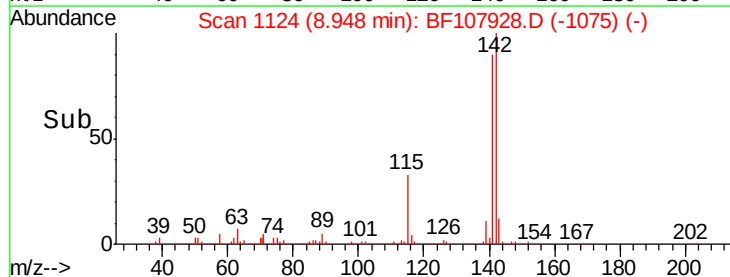
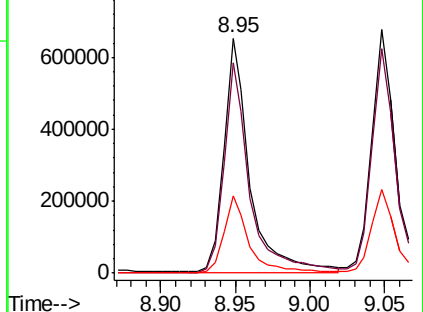
115 32.6 26.1 39.1

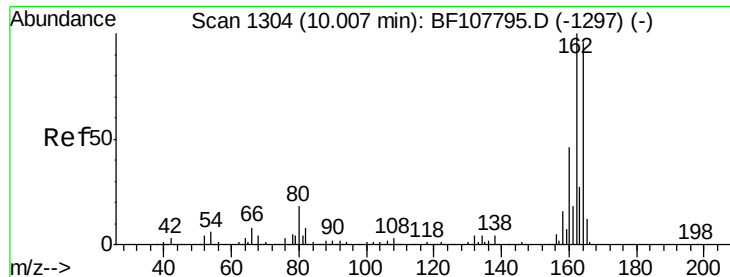


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

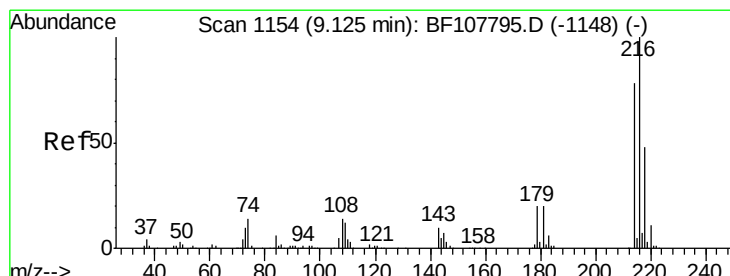
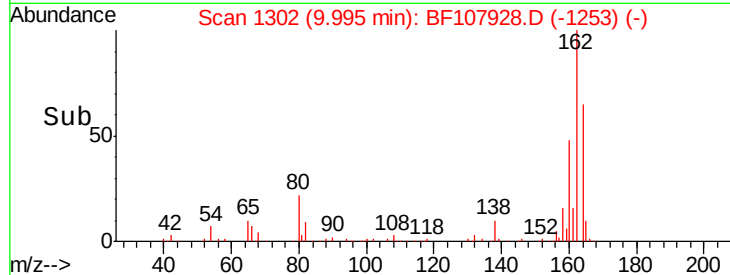
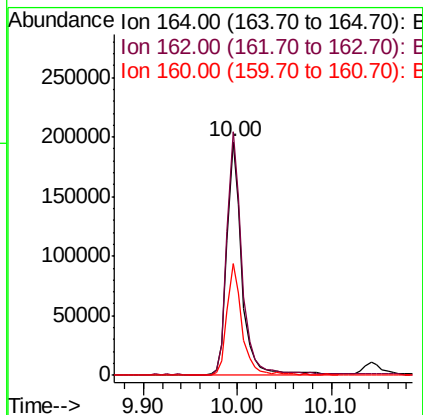
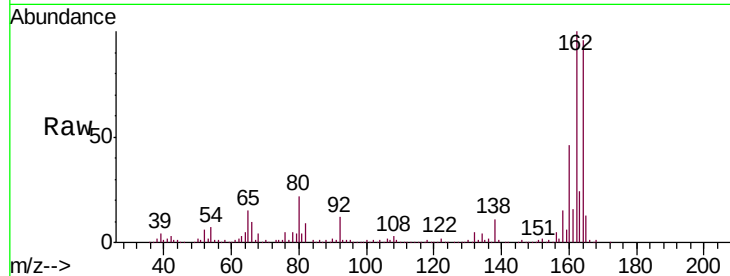




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

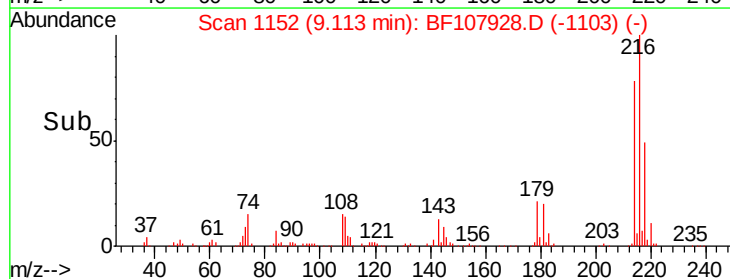
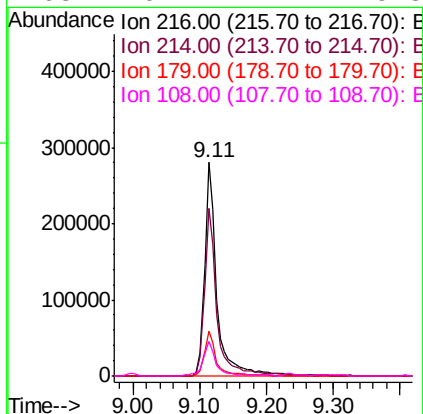
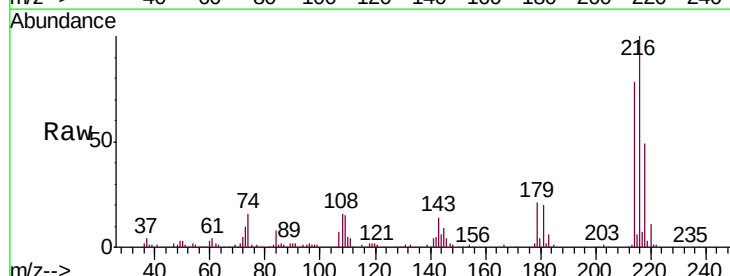
Instrument :
BNA_F
ClientSampled :
GW-03MS

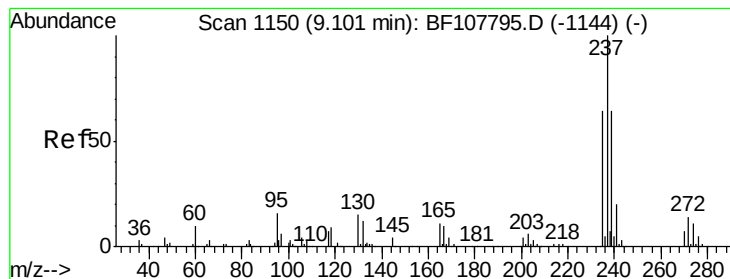
Tgt Ion:164 Resp: 215756
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 48.0 38.3 57.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 48.398 ng
RT: 9.11 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion:216 Resp: 356026
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.4
179 20.3 18.1 27.1
108 16.4 17.2 25.8#





#40

Hexachlorocyclopentadiene

Concen: 28.371 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampled :

GW-03MS

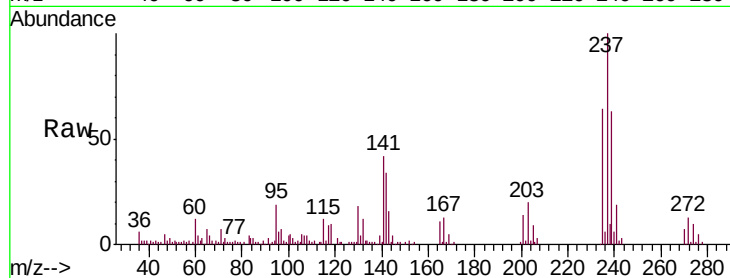
Tgt Ion: 237 Resp: 73139

Ion Ratio Lower Upper

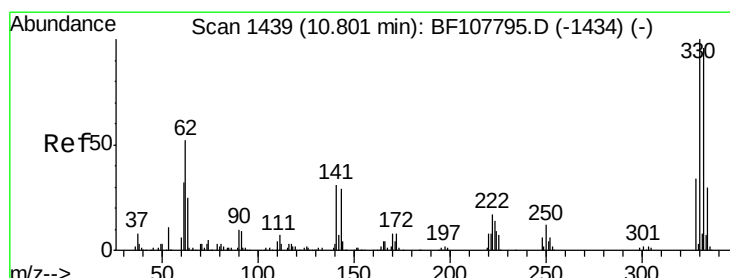
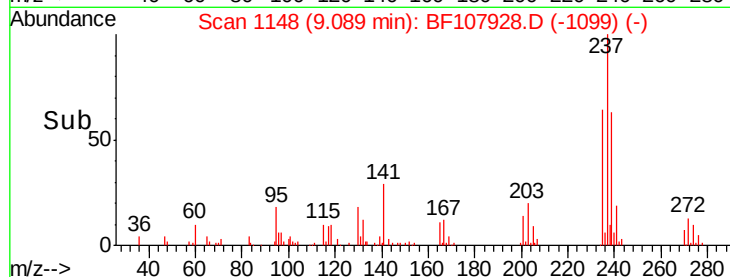
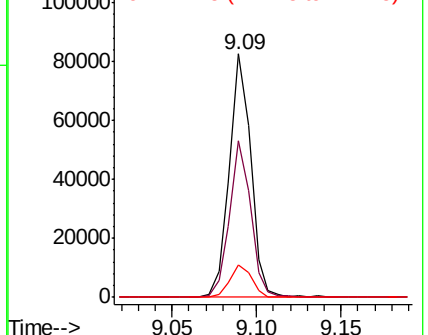
237 100

235 64.1 44.8 84.8

272 13.1 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: 99.868 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

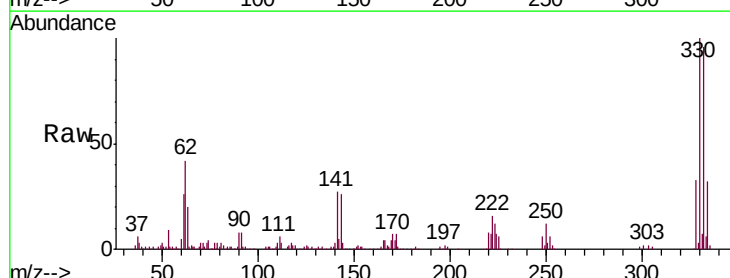
Tgt Ion: 330 Resp: 292783

Ion Ratio Lower Upper

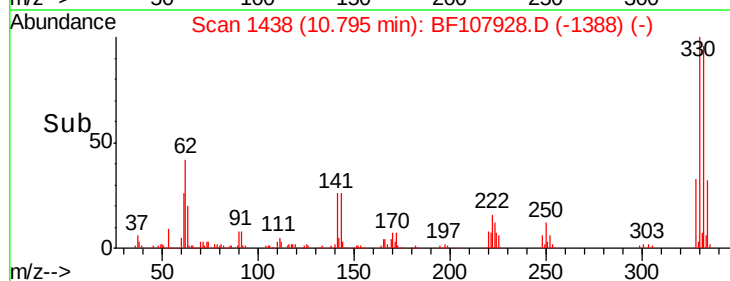
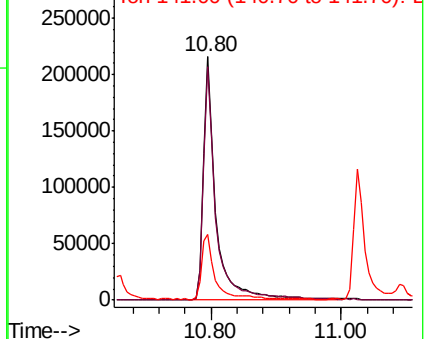
330 100

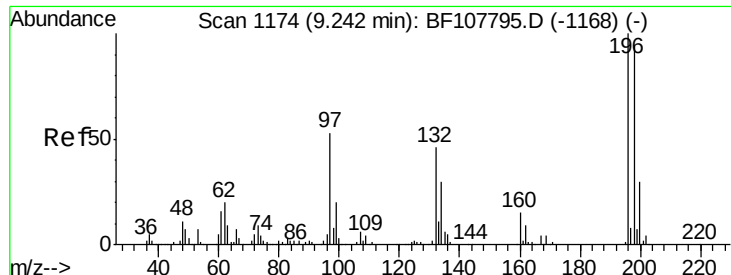
332 94.9 77.0 115.6

141 26.1 29.9 44.9#



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

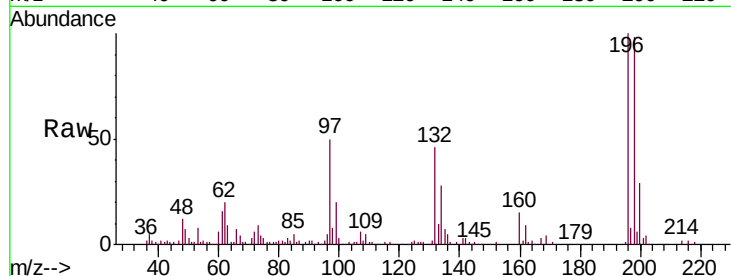




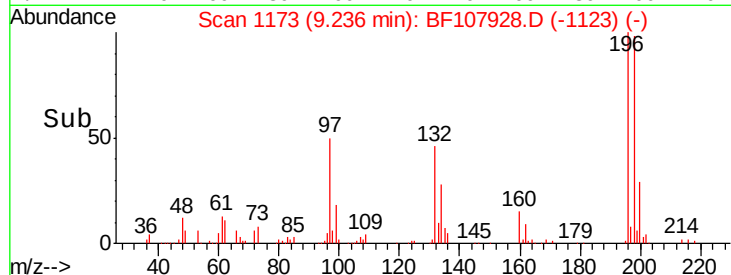
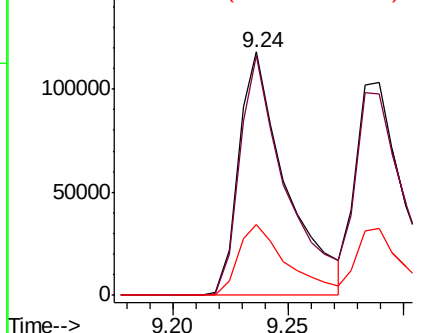
#42
 2,4,6-Trichlorophenol
 Concen: 41.386 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

Tgt Ion:196 Resp: 168306
 Ion Ratio Lower Upper
 196 100
 198 98.4 75.7 113.5
 200 29.2 24.5 36.7

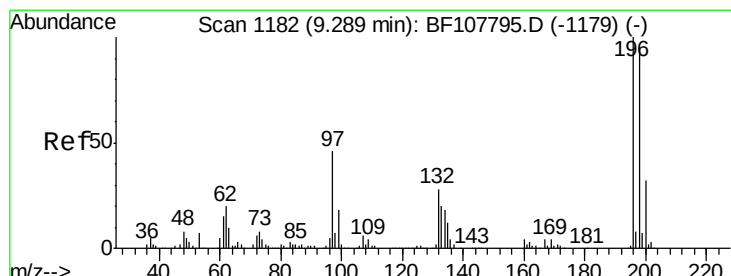


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

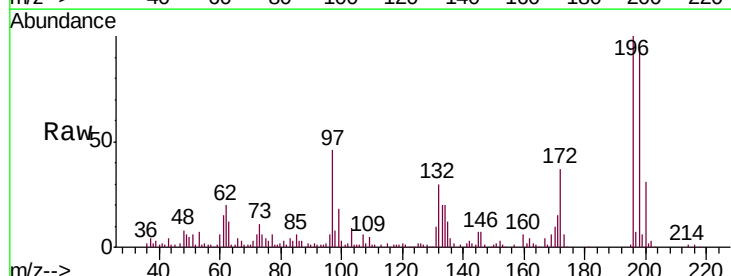
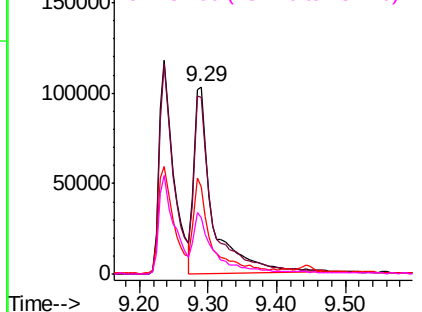


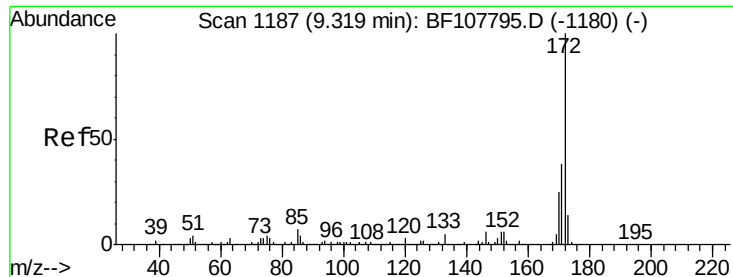
#43
 2,4,5-Trichlorophenol
 Concen: 39.447 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion:196 Resp: 193127
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.6 112.0
 97 46.5 42.9 64.3
 132 30.0 26.3 39.5



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

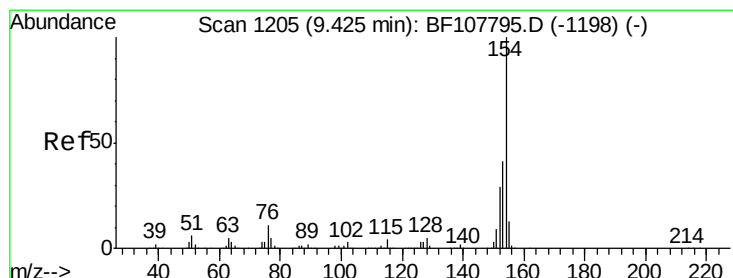
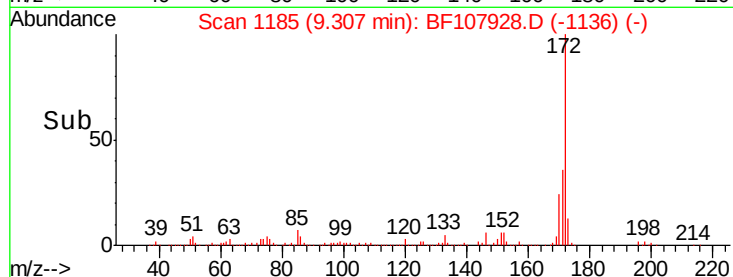
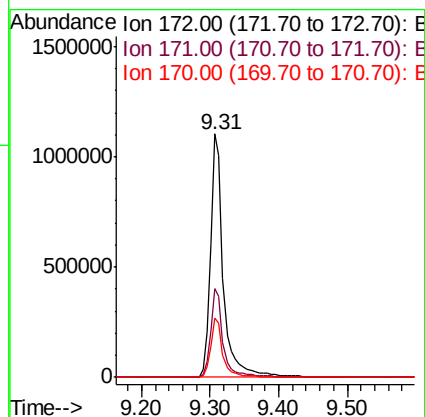
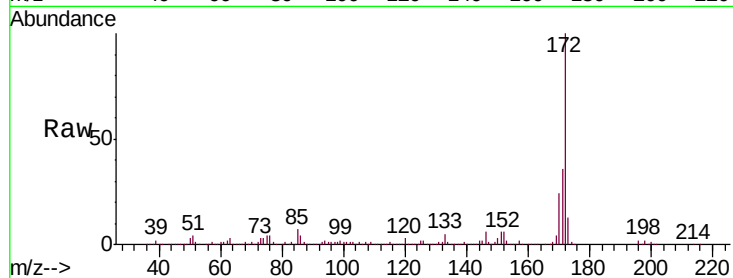




#44
2-Fluorobiphenyl
Concen: 94.694 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

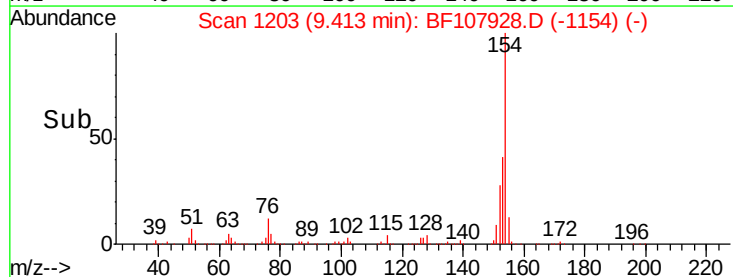
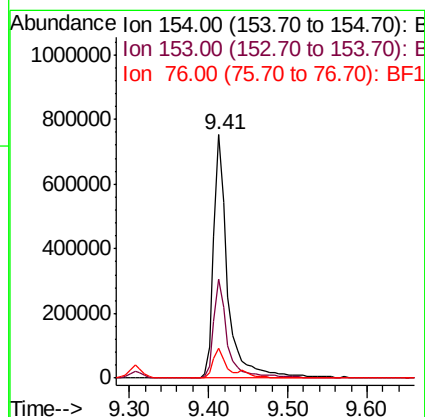
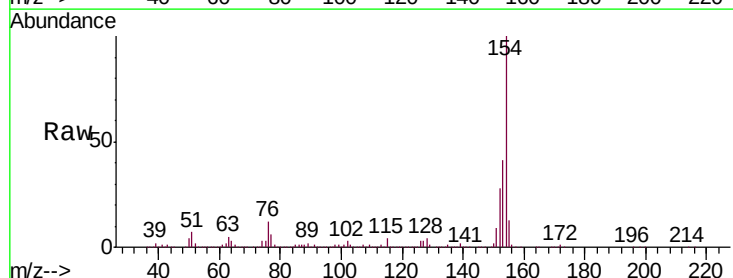
Instrument :
BNA_F
ClientSampleId :
GW-03MS

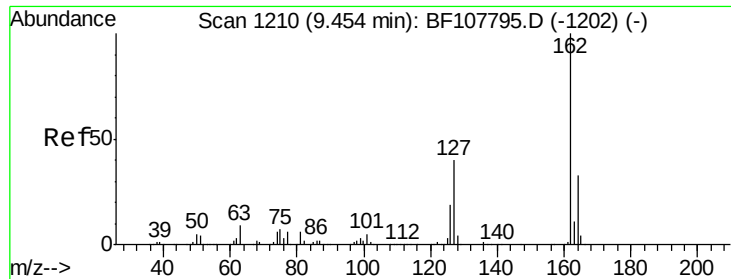
Tgt Ion:172 Resp: 1466156
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.2 19.6 29.4



#45
1,1'-Biphenyl
Concen: 47.504 ng
RT: 9.41 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion:154 Resp: 932734
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 12.2 0.0 34.0

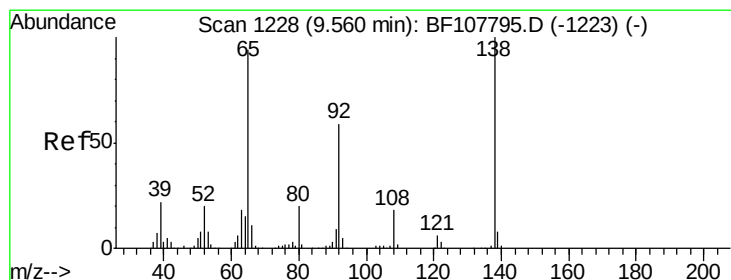
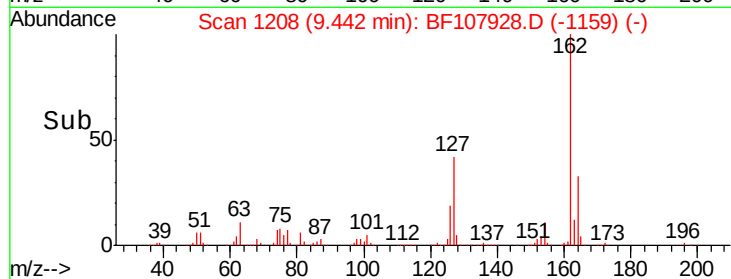
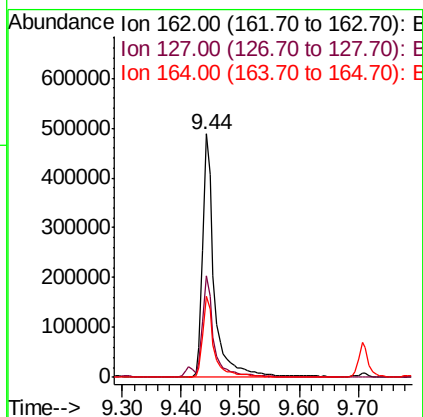
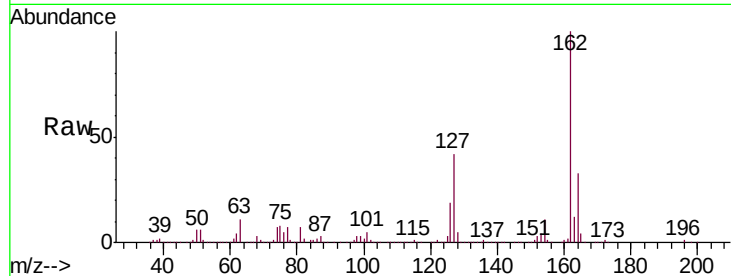




#46
 2-Chloronaphthalene
 Concen: 45.520 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

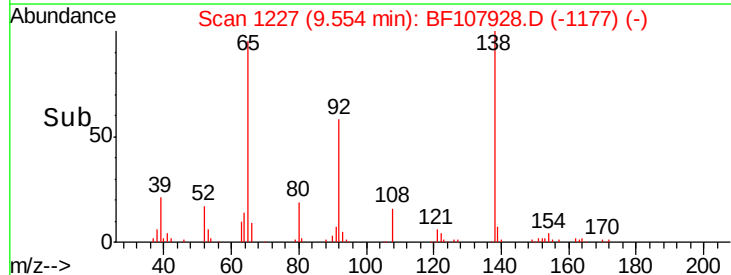
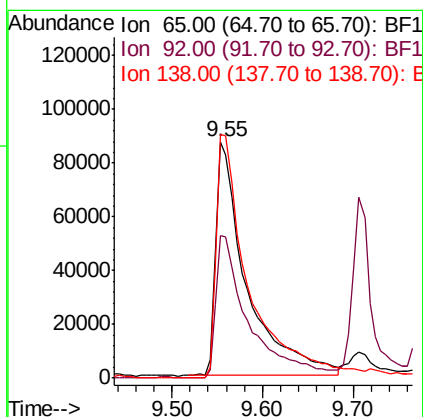
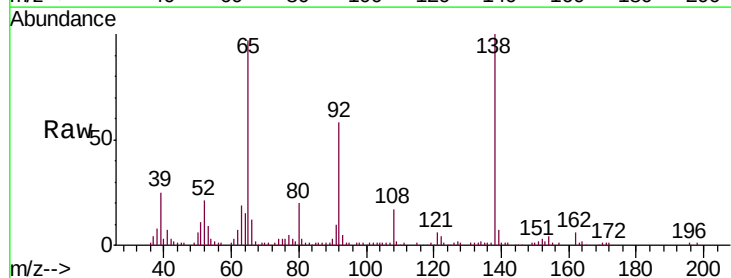
Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

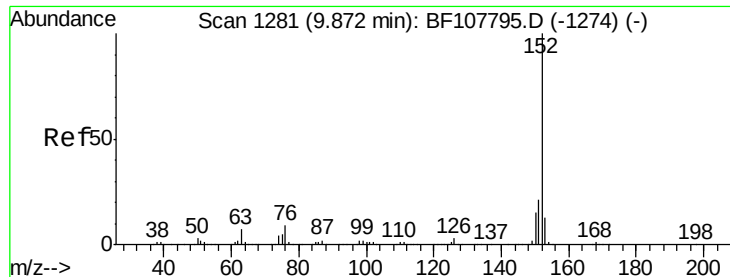
Tgt Ion: 162 Resp: 674000
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.9 50.9
 164 33.3 26.5 39.7



#47
 2-Nitroaniline
 Concen: 42.831 ng
 RT: 9.55 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion: 65 Resp: 206287
 Ion Ratio Lower Upper
 65 100
 92 60.3 55.8 83.6
 138 103.2 91.2 136.8





#48

Acenaphthylene

Concen: 45.733 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

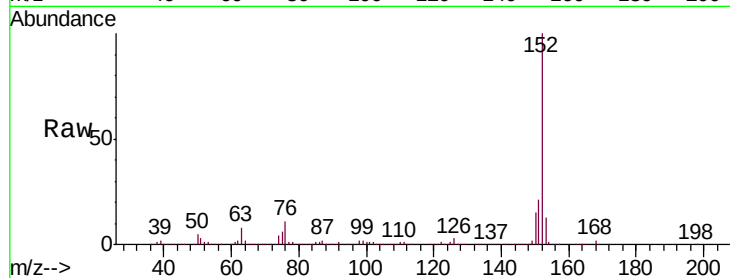
Tgt Ion:152 Resp: 1049801

Ion Ratio Lower Upper

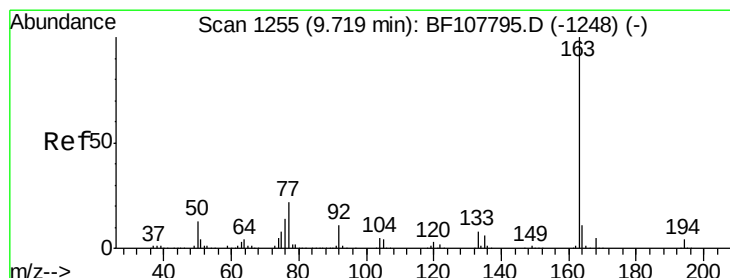
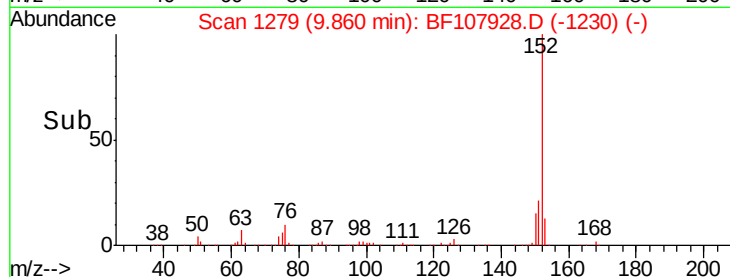
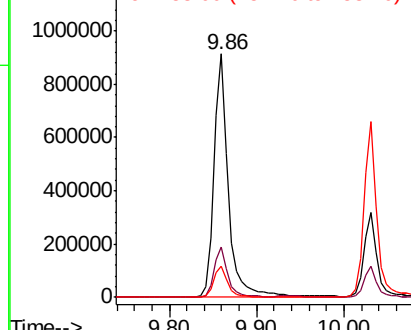
152 100

151 20.9 16.3 24.5

153 12.9 10.7 16.1



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



#49

Dimethylphthalate

Concen: 49.853 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

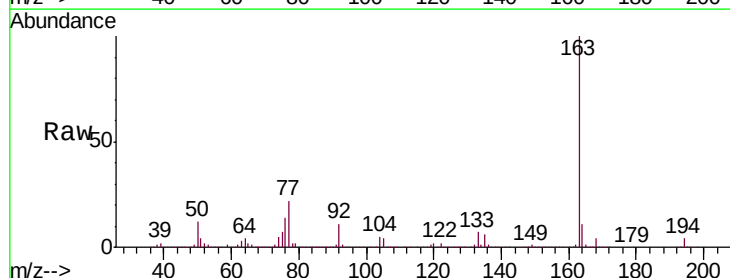
Tgt Ion:163 Resp: 807787

Ion Ratio Lower Upper

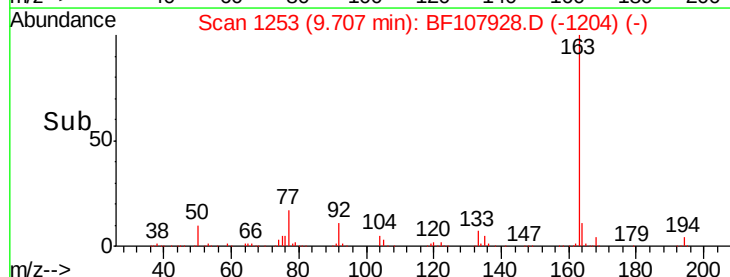
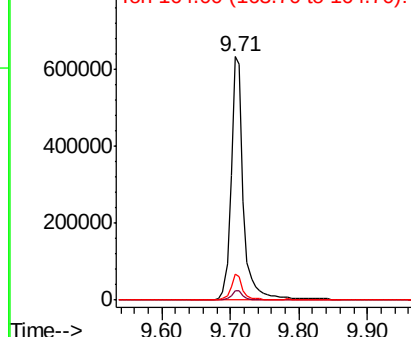
163 100

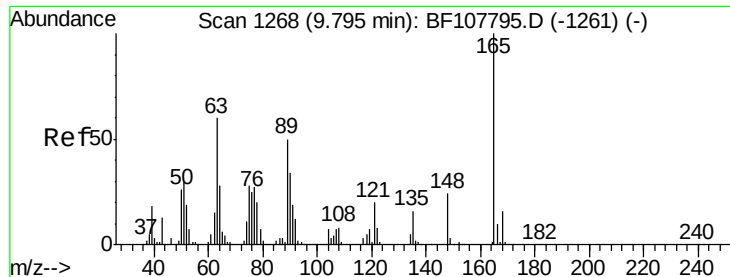
194 3.7 2.7 4.1

164 10.9 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

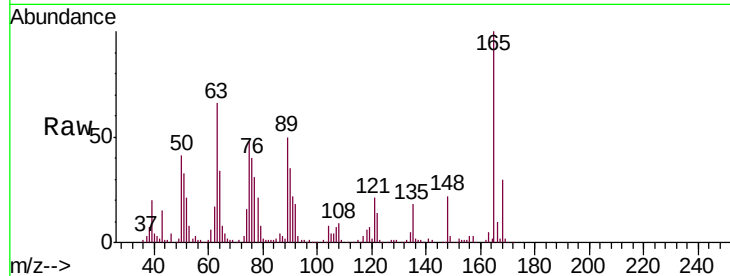




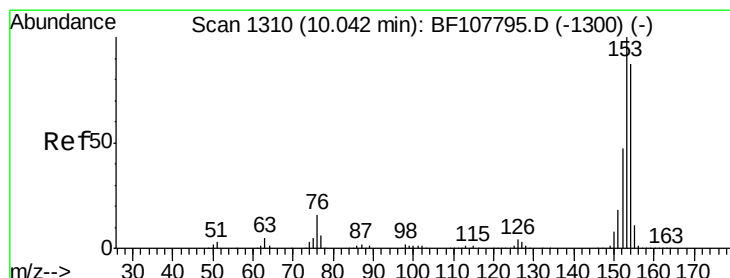
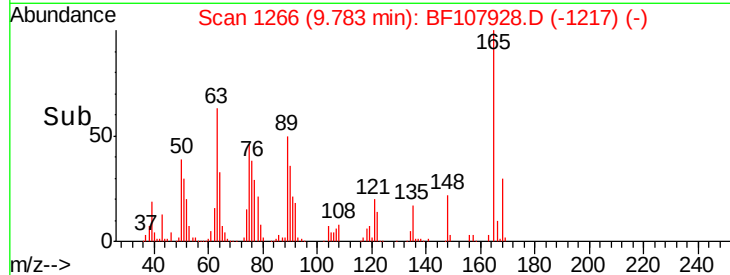
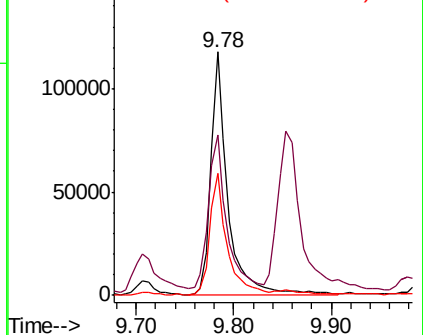
#50
 2,6-Dinitrotoluene
 Concen: 40.929 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 GW-03MS

Tgt Ion:165 Resp: 144123
 Ion Ratio Lower Upper
 165 100
 63 65.9 44.7 67.1
 89 50.3 44.0 66.0

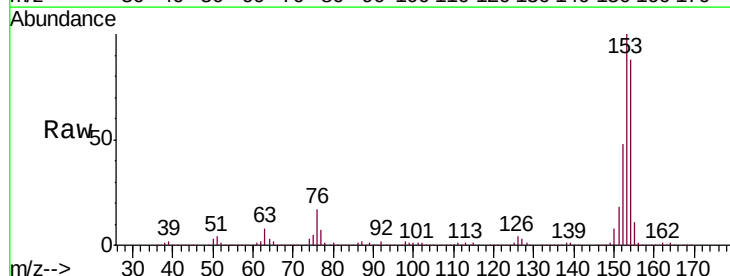


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

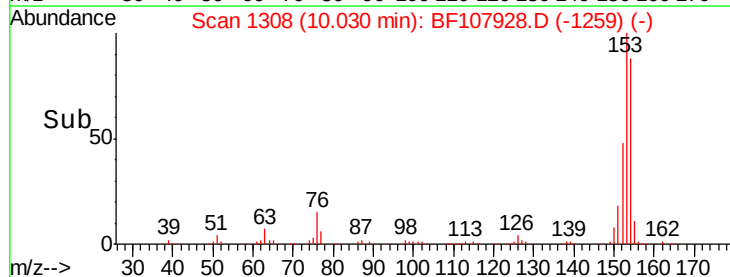
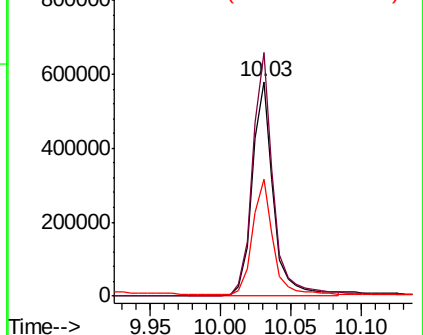


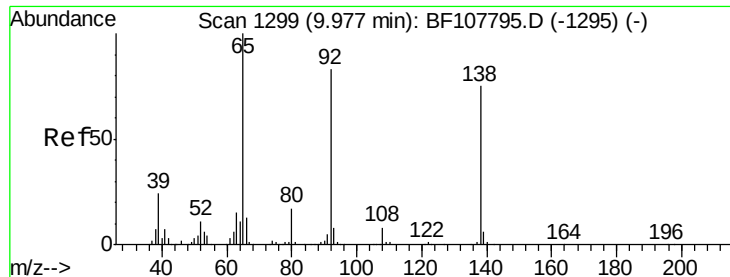
#51
 Acenaphthene
 Concen: 45.321 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF107928.D
 Acq: 2 Aug 2018 23:51

Tgt Ion:154 Resp: 604327
 Ion Ratio Lower Upper
 154 100
 153 113.6 91.2 136.8
 152 54.7 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: 23.293 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

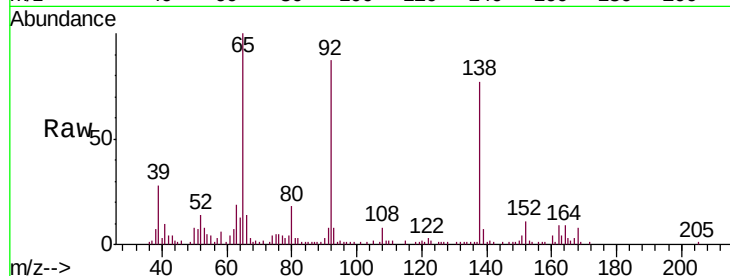
Tgt Ion:138 Resp: 103356

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

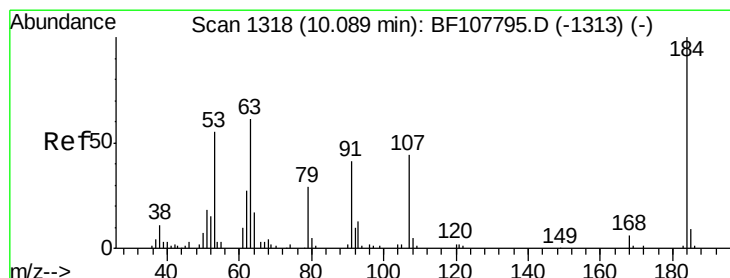
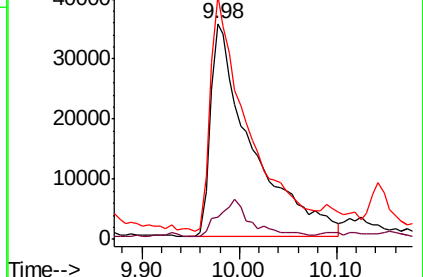
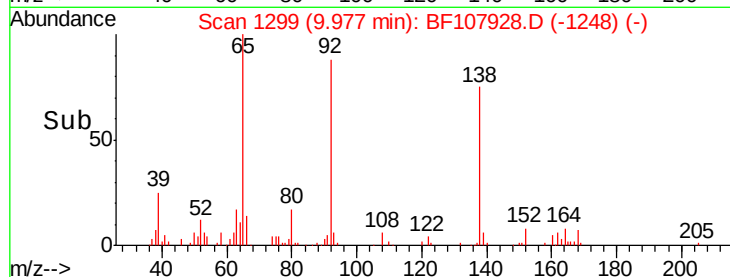
92 112.8 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 23.361 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

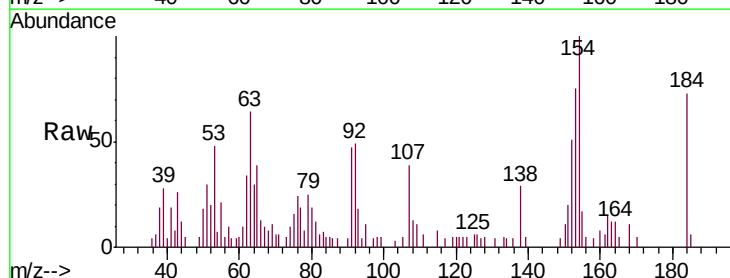
Tgt Ion:184 Resp: 30957

Ion Ratio Lower Upper

184 100

63 87.7 54.2 81.2#

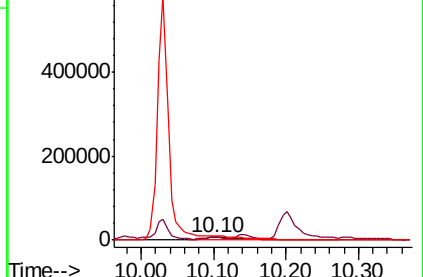
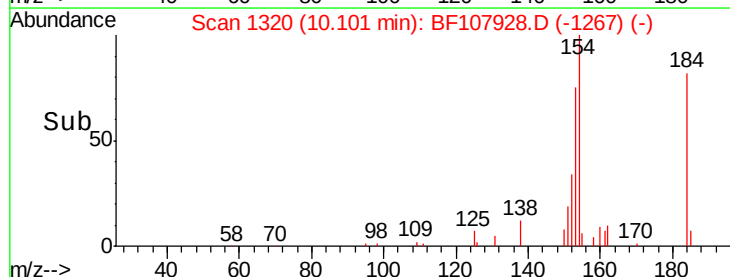
154 136.9 184.0 276.0#

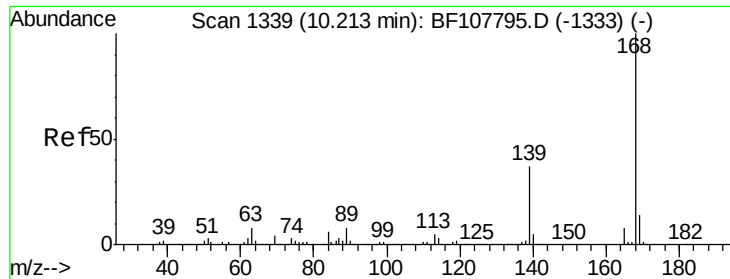


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 42.901 ng

RT: 10.20 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

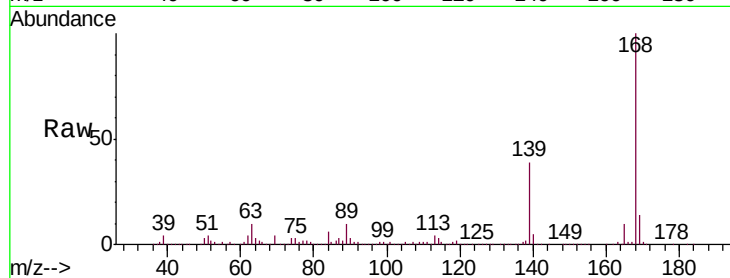
Tgt Ion:168 Resp: 884198

Ion Ratio Lower Upper

168 100

139 38.9 30.1 45.1

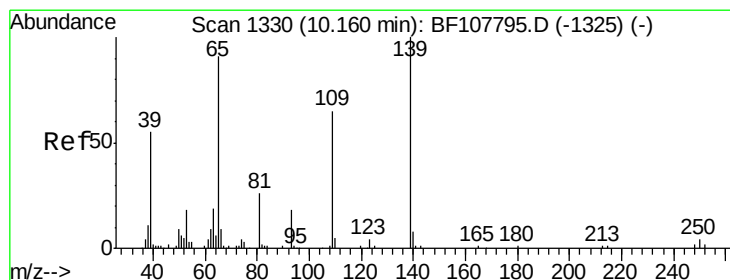
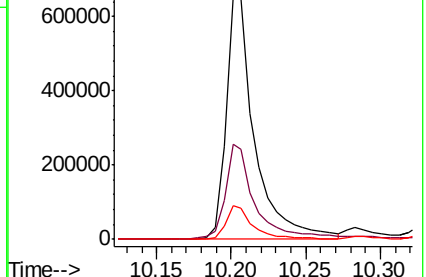
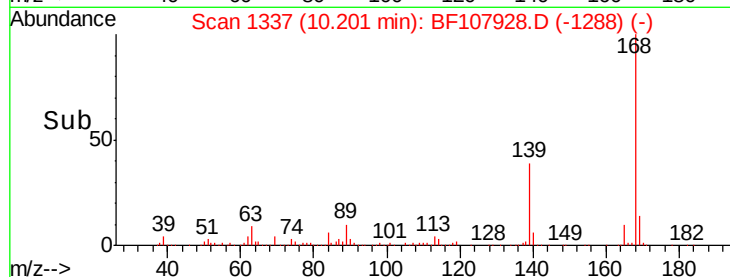
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 171.121 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.04 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

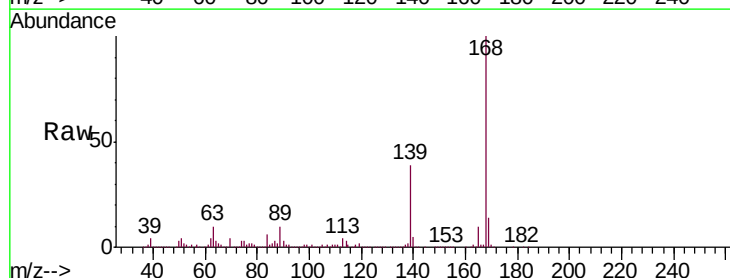
Tgt Ion:139 Resp: 382431

Ion Ratio Lower Upper

139 100

109 2.8 48.4 88.4#

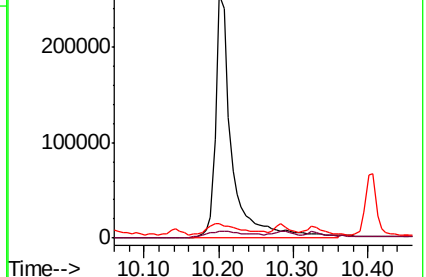
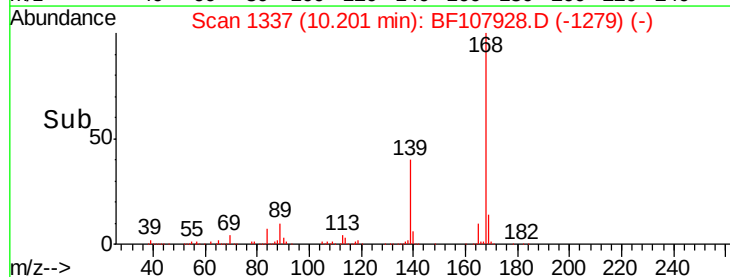
65 5.9 72.6 112.6#

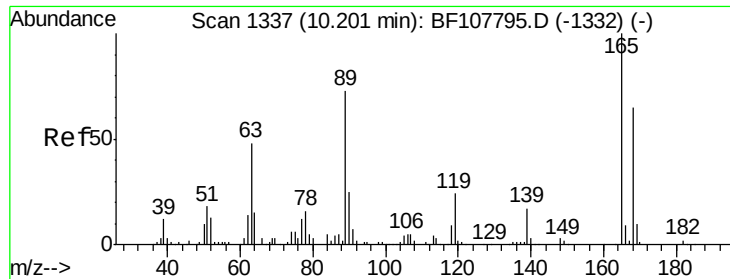


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

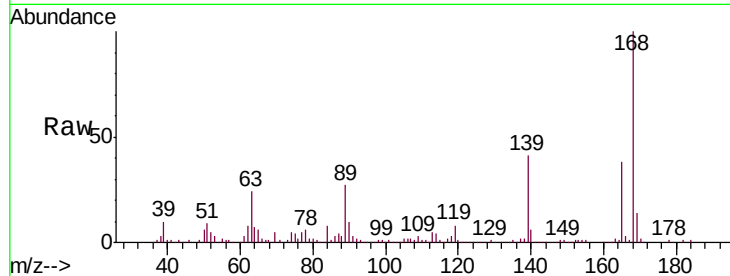




#56
2,4-Dinitrotoluene
Concen: 35.366 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.6	36.4	54.6#
89	72.0	57.8	86.6
182	2.5	1.6	2.4#



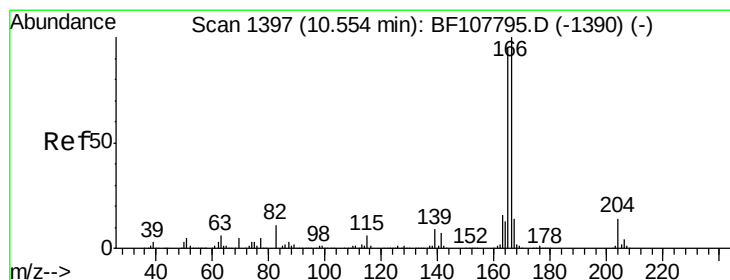
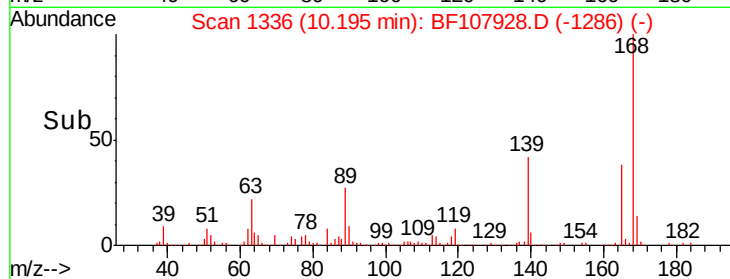
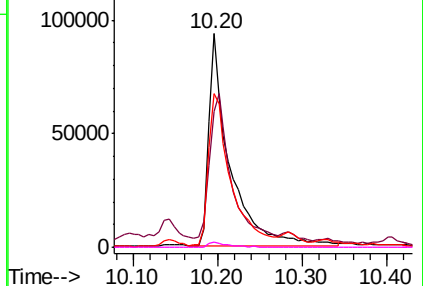
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

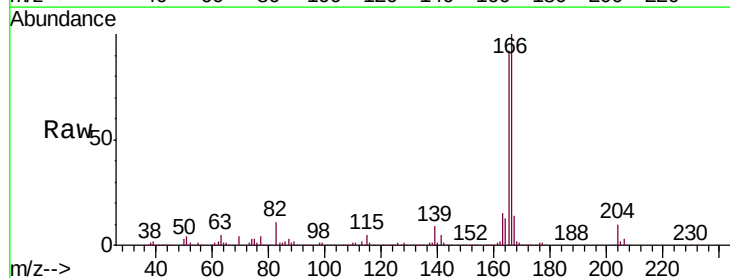
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 44.419 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.4	79.8	119.8
167	13.7	10.6	16.0

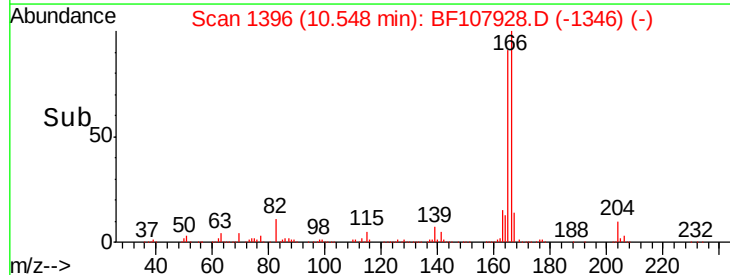
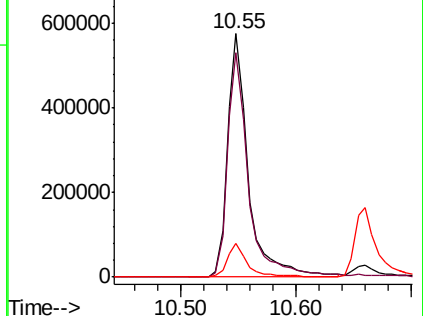


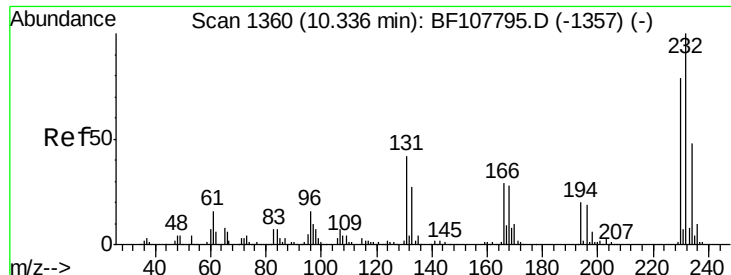
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 39.170 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

Tgt Ion: 232 Resp: 176137

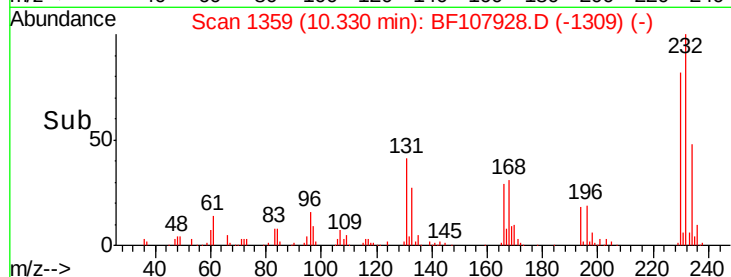
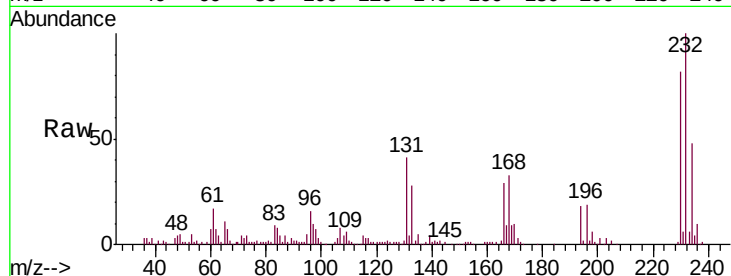
Ion Ratio Lower Upper

232 100

131 33.4 43.8 65.8#

130 2.1 2.1 3.1

166 26.2 27.8 41.6#

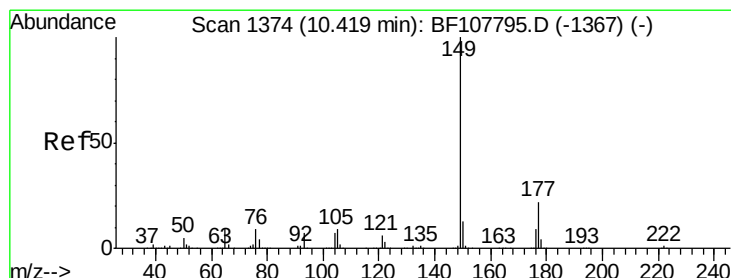
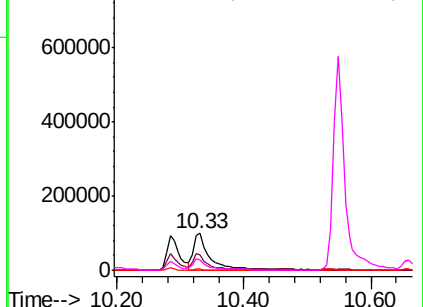


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.556 ng

RT: 10.41 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

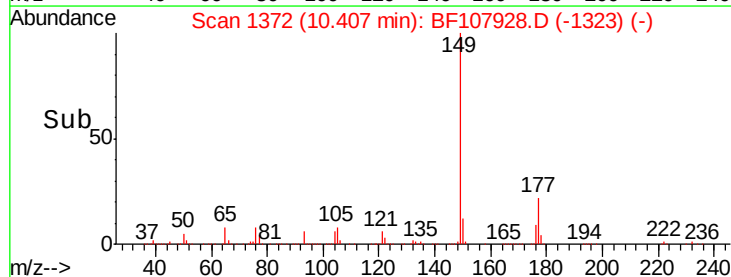
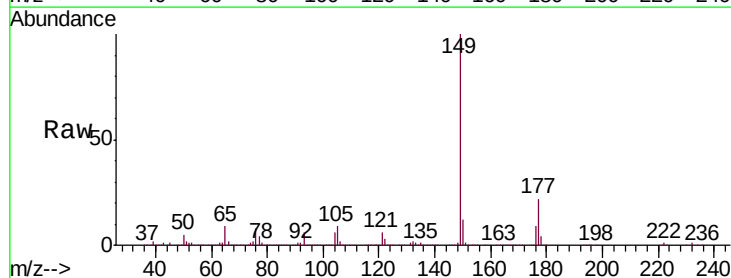
Tgt Ion: 149 Resp: 758803

Ion Ratio Lower Upper

149 100

177 21.9 16.1 24.1

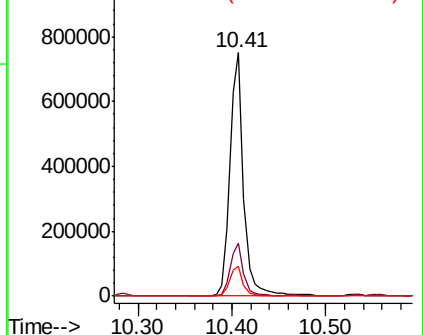
150 12.4 10.1 15.1

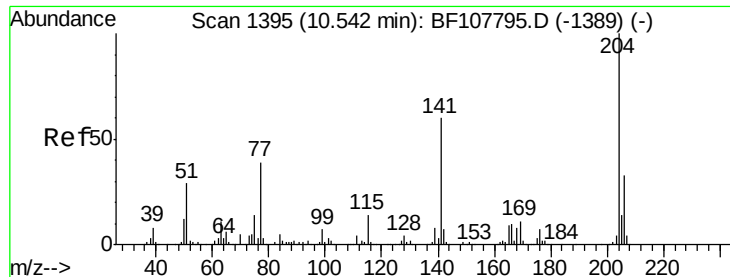


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

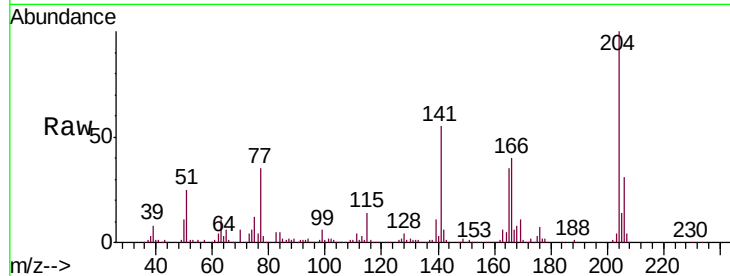




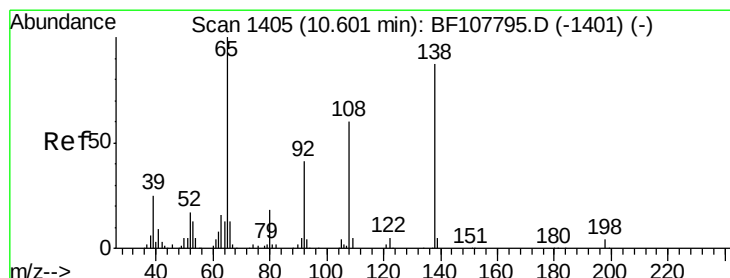
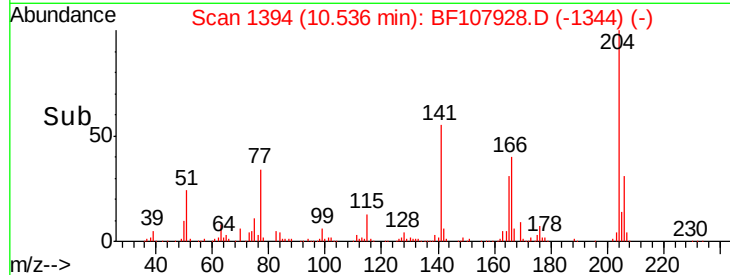
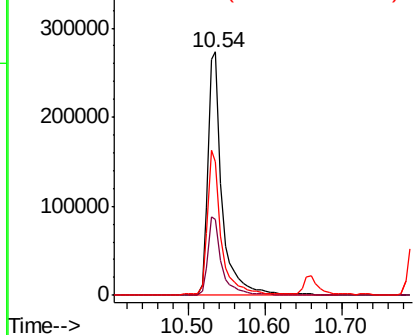
#60
4-Chlorophenyl-phenylether
Concen: 39.908 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tgt Ion:204 Resp: 348222
Ion Ratio Lower Upper
204 100
206 31.4 26.5 39.7
141 54.8 54.6 81.8

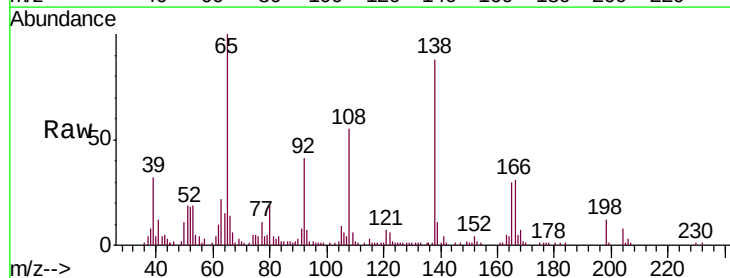


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

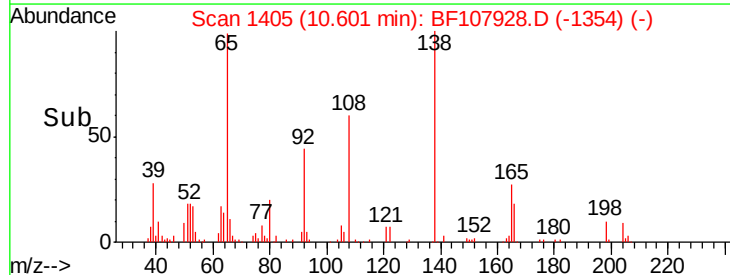
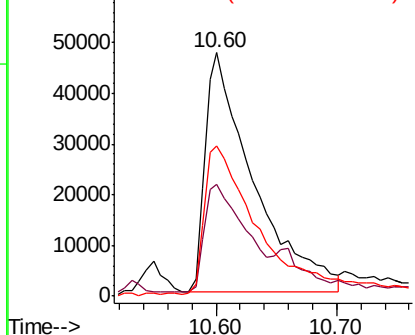


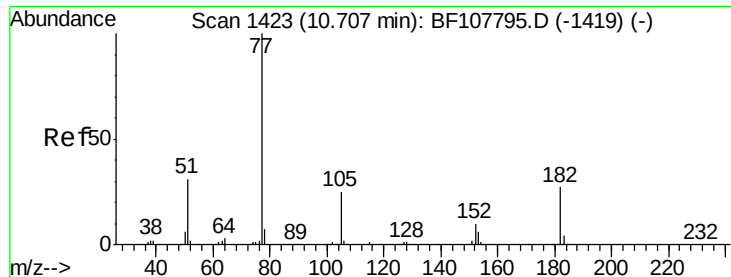
#61
4-Nitroaniline
Concen: 33.287 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion:138 Resp: 131078
Ion Ratio Lower Upper
138 100
92 45.9 30.2 70.2
108 61.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 40.445 ng

RT: 10.70 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

Tgt Ion: 77 Resp: 656230

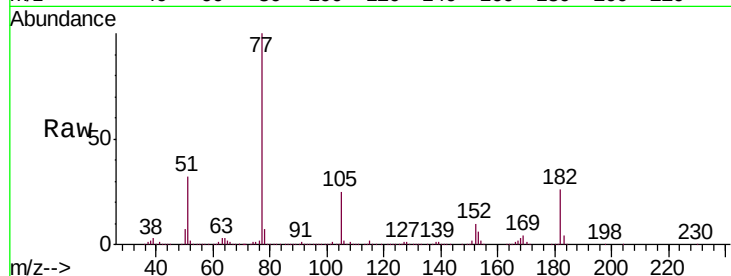
Ion Ratio Lower Upper

77 100

182 25.8 1.7 41.7

105 24.7 3.0 43.0

51 31.8 9.9 49.9

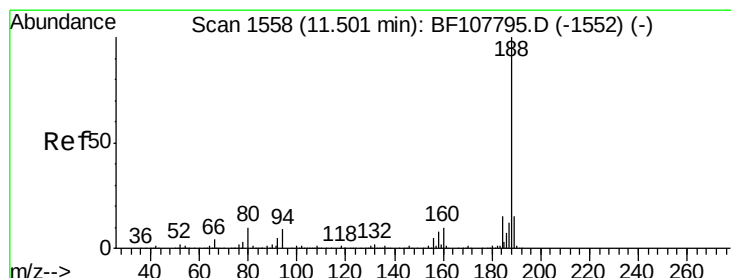
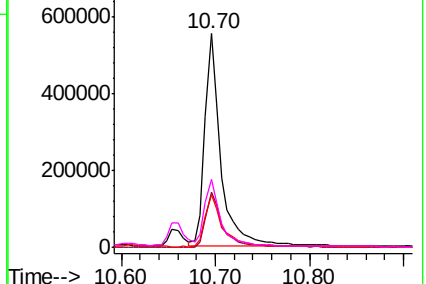
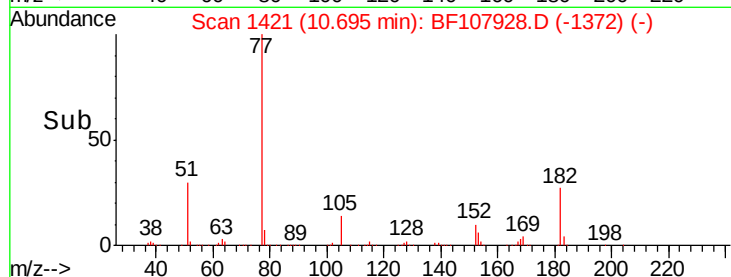


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

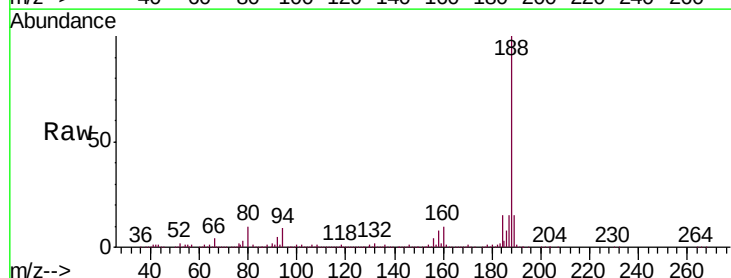
Tgt Ion: 188 Resp: 396729

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

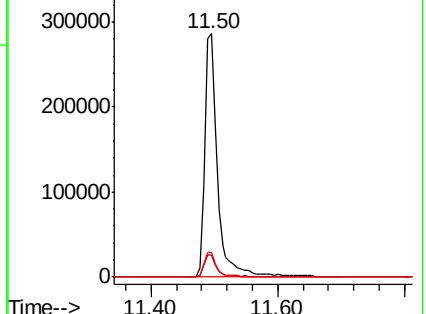
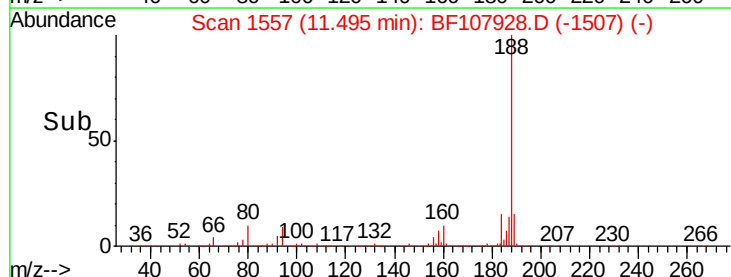
80 10.3 9.2 13.8

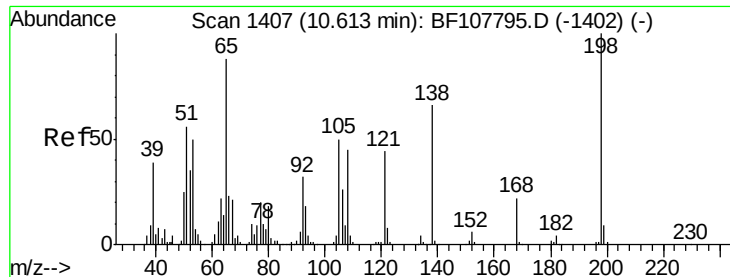


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 12.113 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

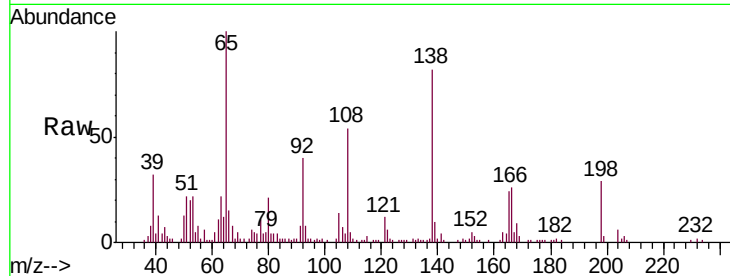
Tgt Ion:198 Resp: 26143

Ion Ratio Lower Upper

198 100

51 76.3 37.7 77.7

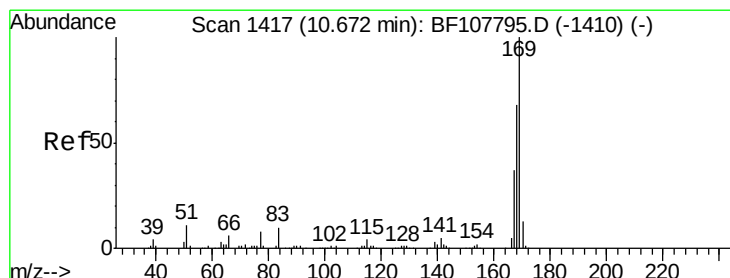
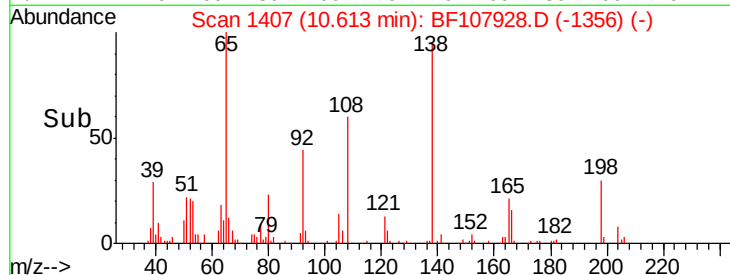
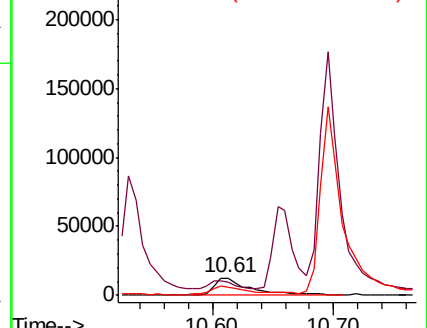
105 47.6 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 45.280 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

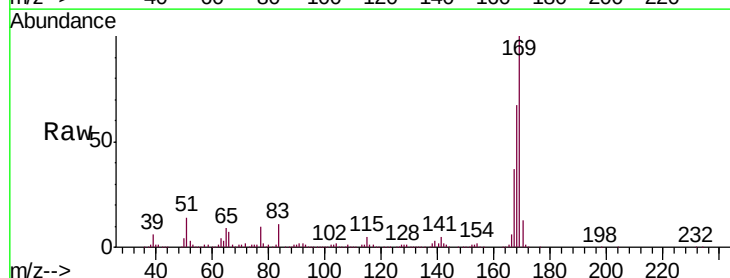
Tgt Ion:169 Resp: 591503

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

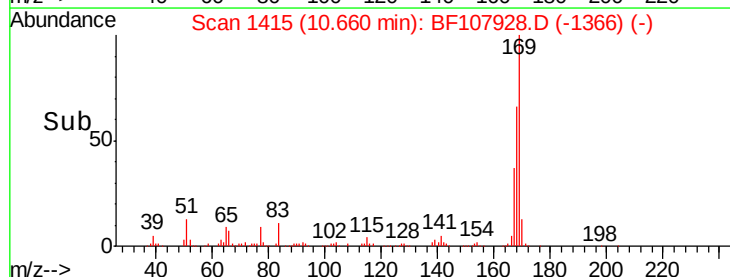
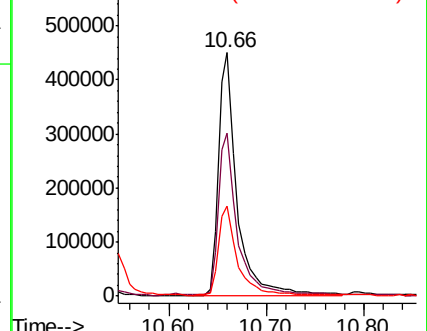
167 36.8 29.8 44.6

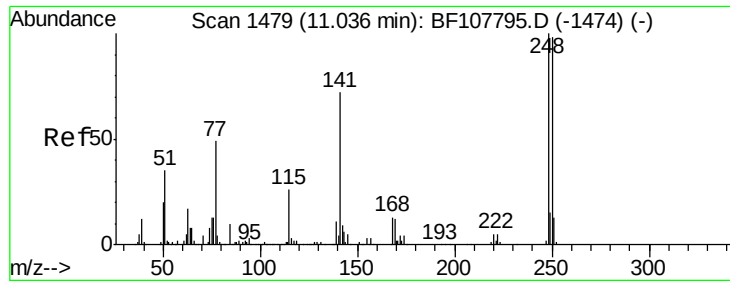


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

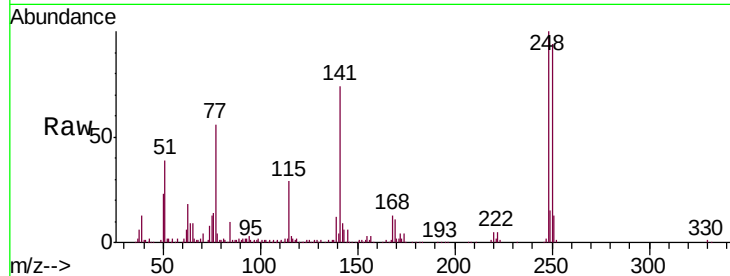




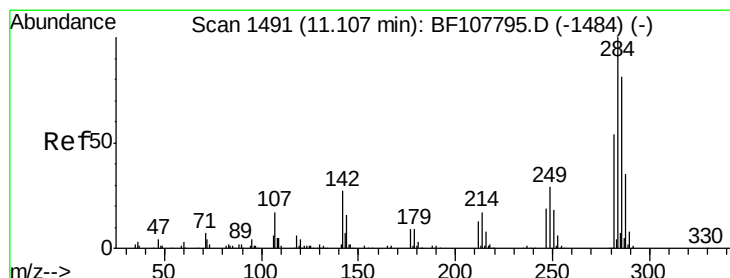
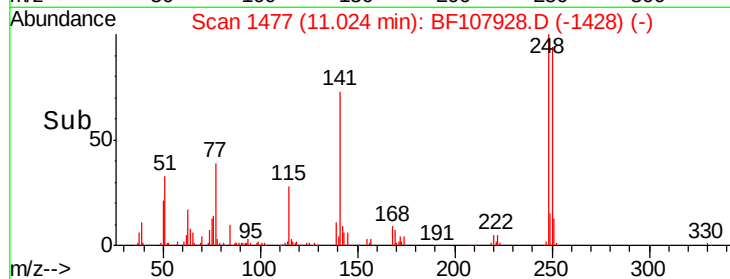
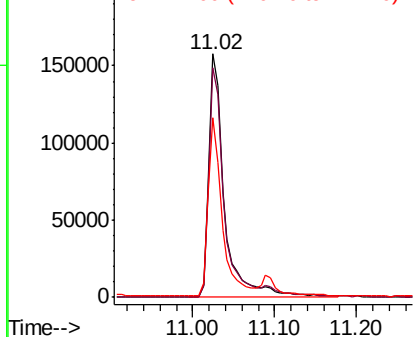
#66
4-Bromophenyl-phenylether
Concen: 45.209 ng
RT: 11.02 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tgt Ion:248 Resp: 209050
Ion Ratio Lower Upper
248 100
250 94.2 76.9 115.3
141 73.7 74.4 111.6#

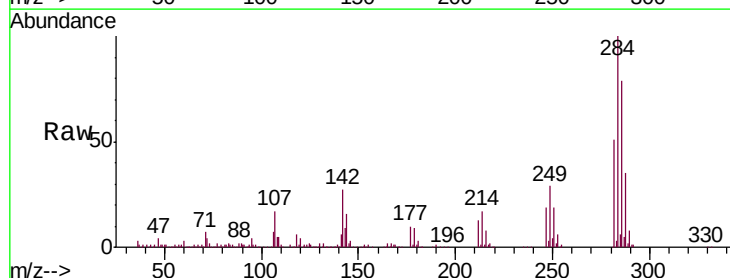


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

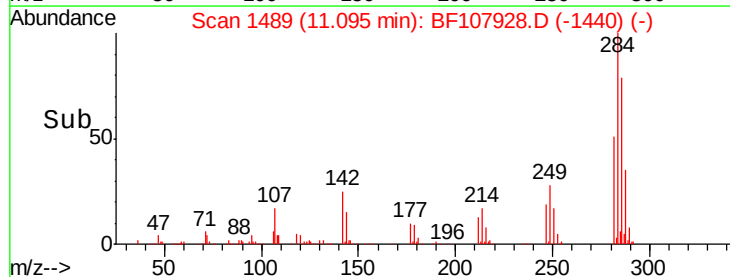
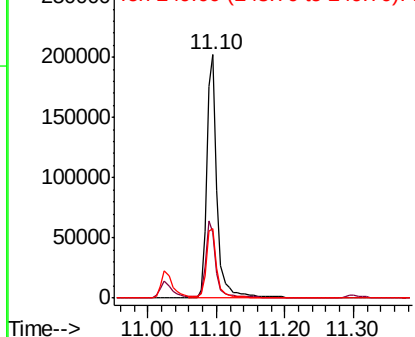


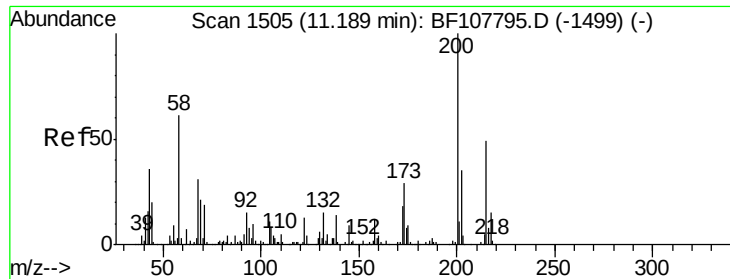
#67
Hexachlorobenzene
Concen: 42.322 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion:284 Resp: 217014
Ion Ratio Lower Upper
284 100
142 27.0 34.6 52.0#
249 28.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

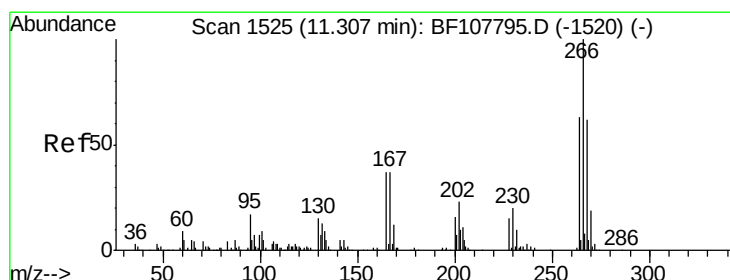
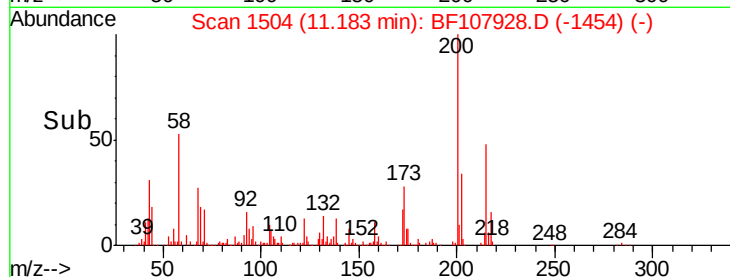
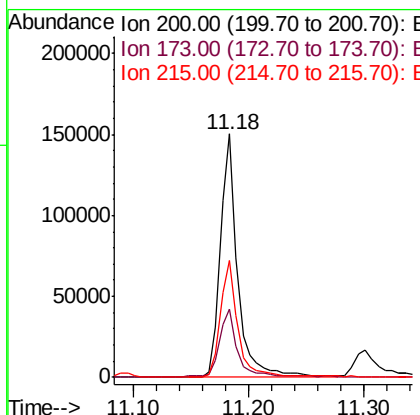
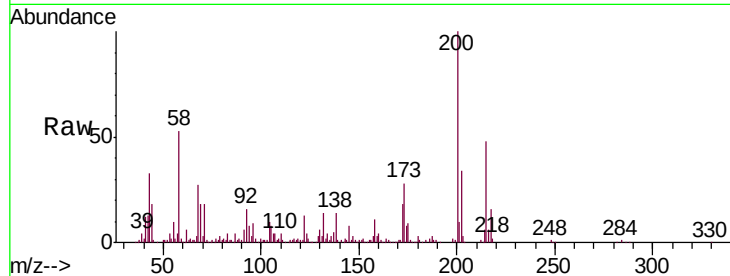




#68
Atrazine
Concen: 40.861 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

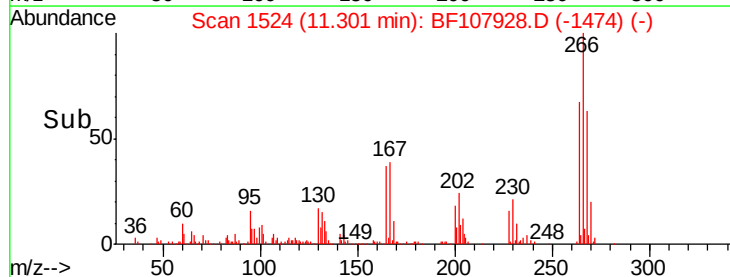
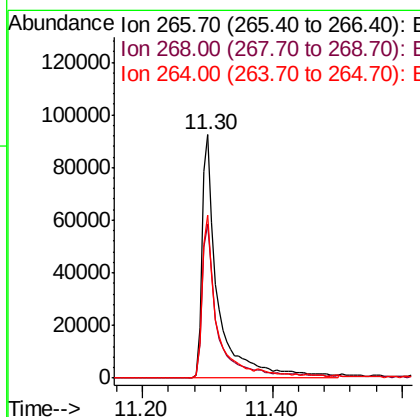
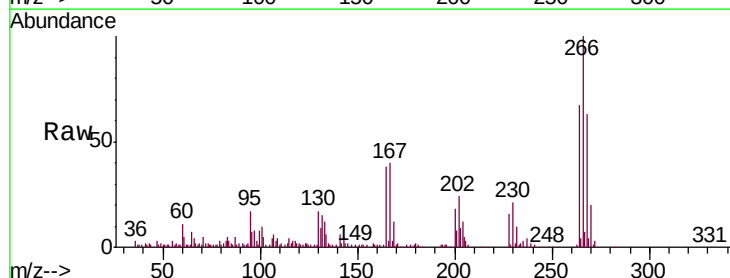
Instrument :
BNA_F
ClientSampleId :
GW-03MS

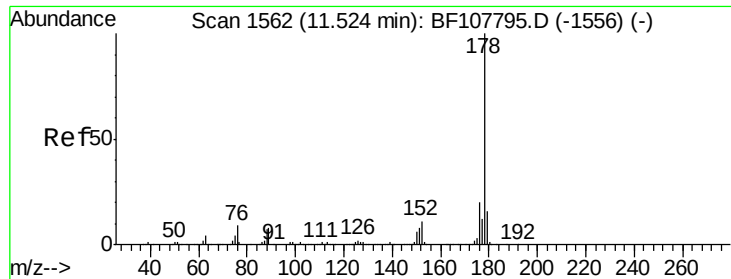
Tgt Ion:200 Resp: 157981
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 48.2 25.1 65.1



#69
Pentachlorophenol
Concen: 62.697 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion:266 Resp: 158260
Ion Ratio Lower Upper
266 100
268 63.3 51.1 76.7
264 67.1 49.5 74.3

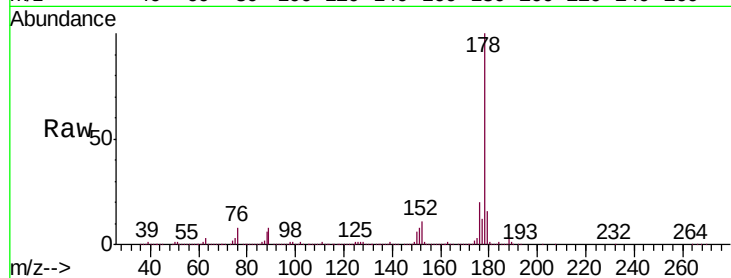




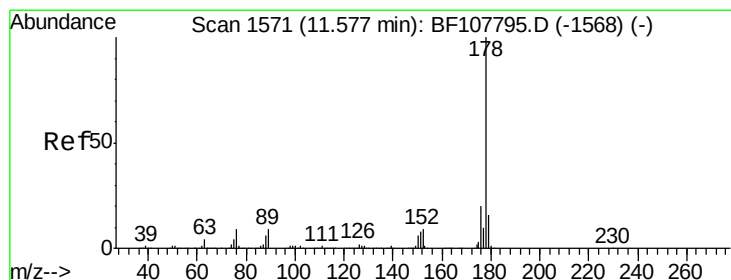
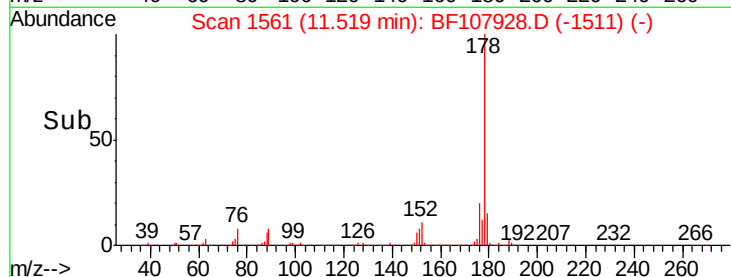
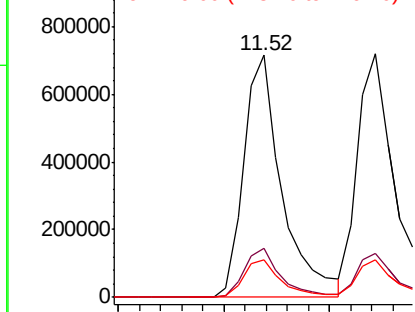
#70
Phenanthrene
Concen: 47.664 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tgt Ion:178 Resp: 897884
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 15.5 13.0 19.6

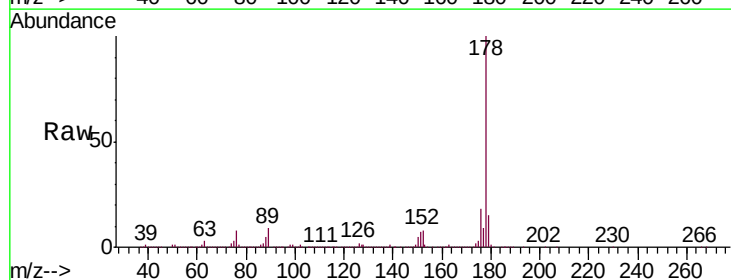


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

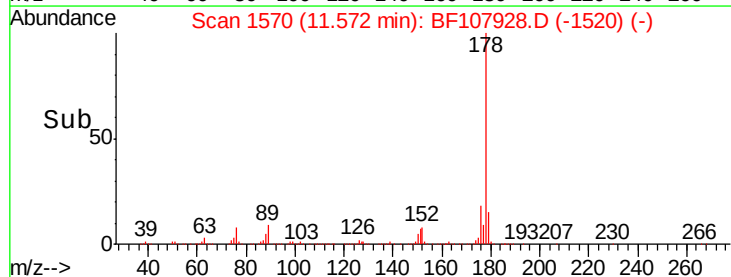
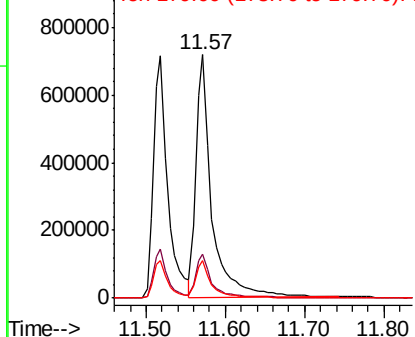


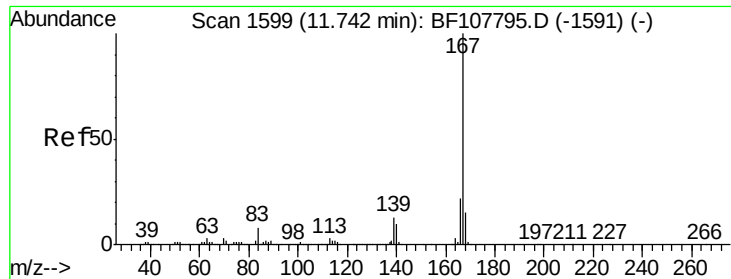
#71
Anthracene
Concen: 46.583 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion:178 Resp: 1012168
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.3 12.6 19.0



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





#72

Carbazole

Concen: 43.834 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

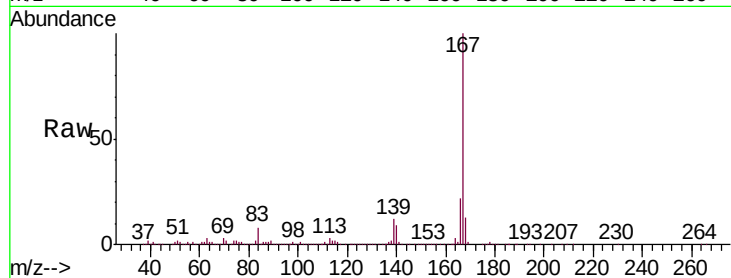
Tgt Ion:167 Resp: 941229

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

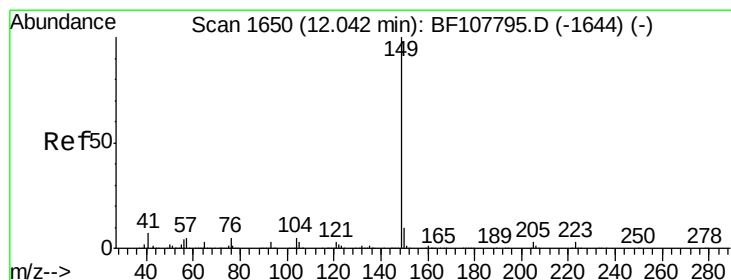
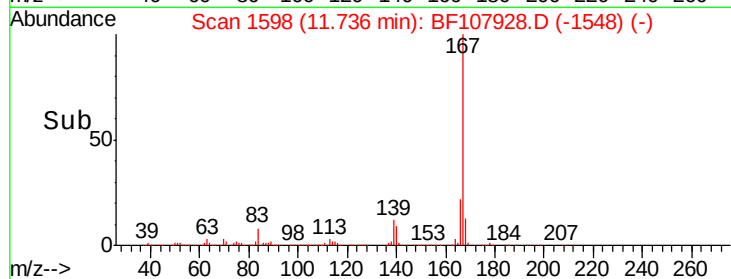
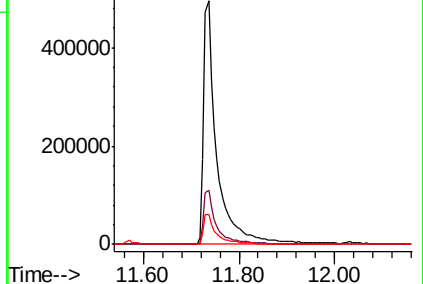
139 12.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 45.730 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

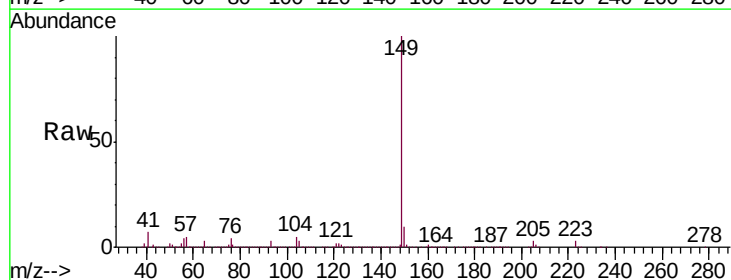
Tgt Ion:149 Resp: 1071252

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

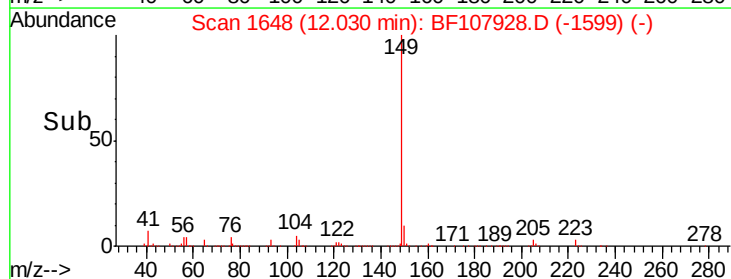
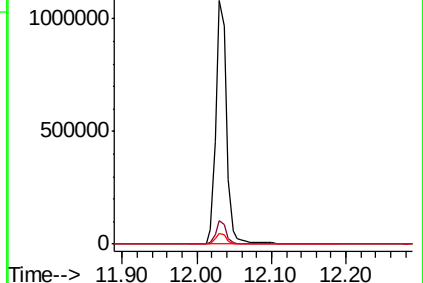
104 4.6 3.8 5.8

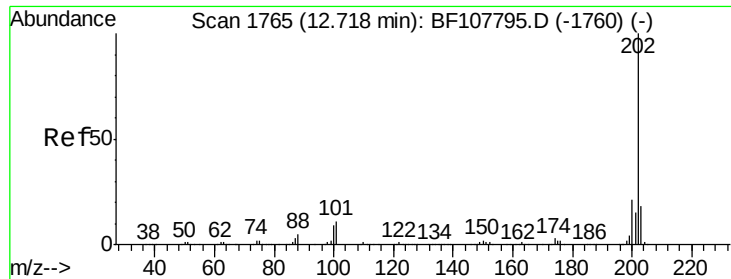


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 47.133 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

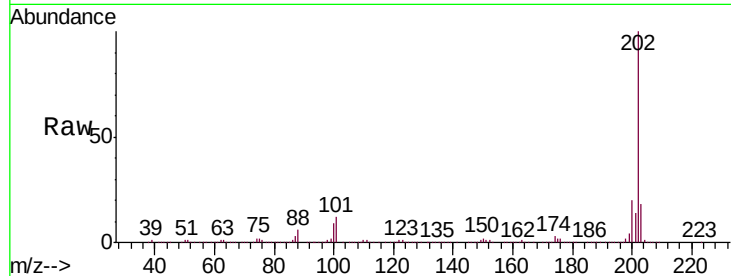
Tgt Ion:202 Resp: 1043099

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

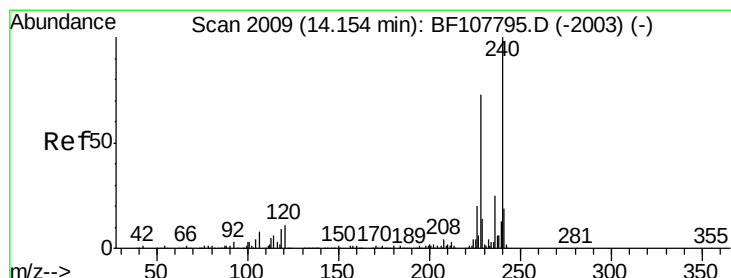
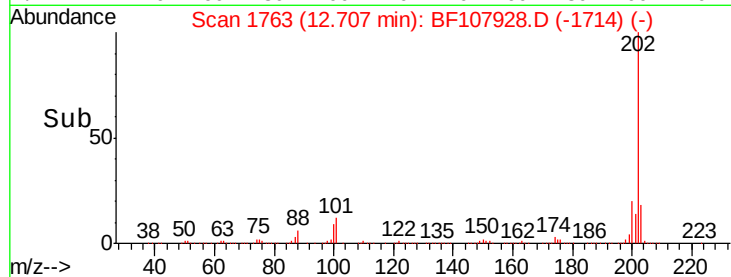
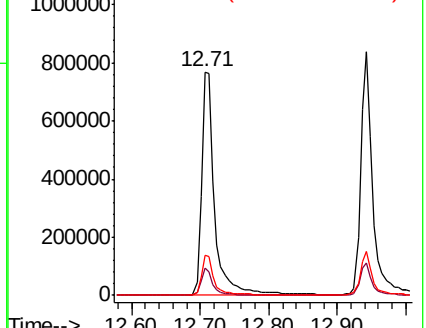
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

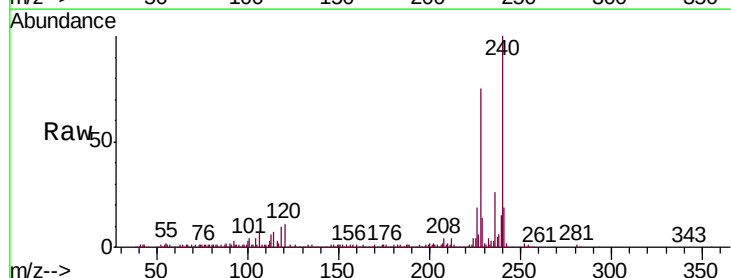
Tgt Ion:240 Resp: 343989

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

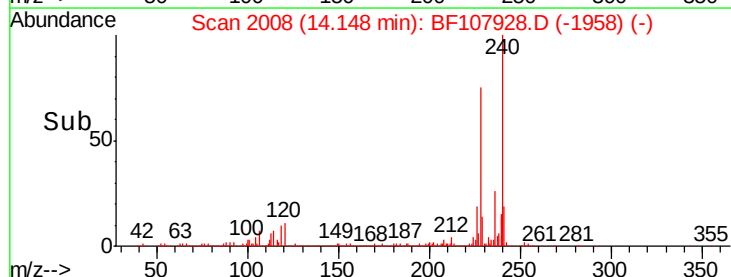
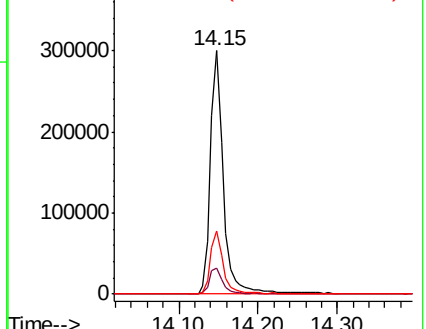
236 25.8 20.7 31.1

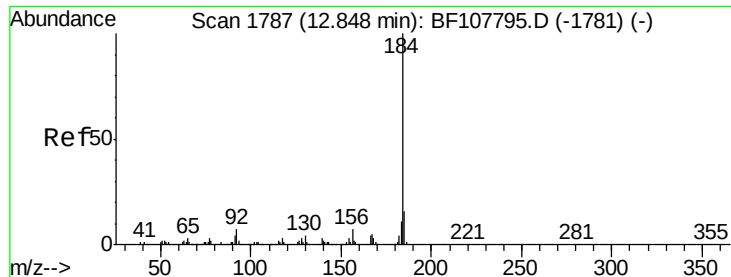


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.236 ng

RT: 12.87 min Scan# 1790

Delta R.T. 0.02 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

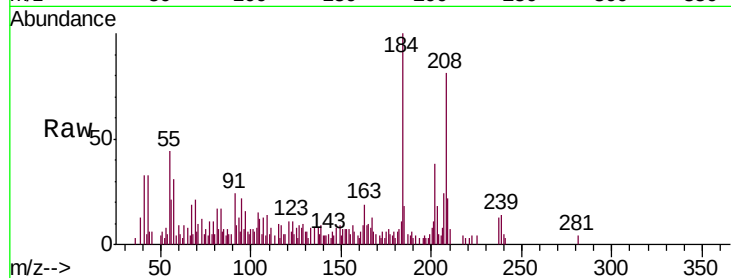
Tgt Ion:184 Resp: 35993

Ion Ratio Lower Upper

184 100

185 17.7 12.6 18.8

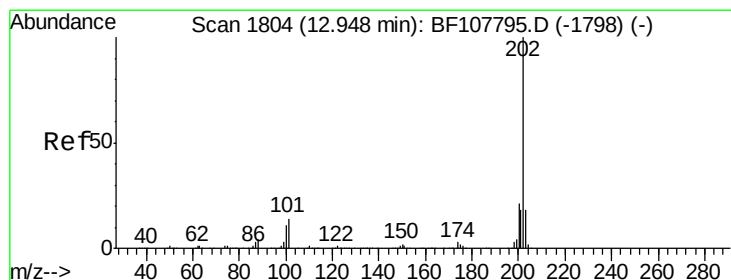
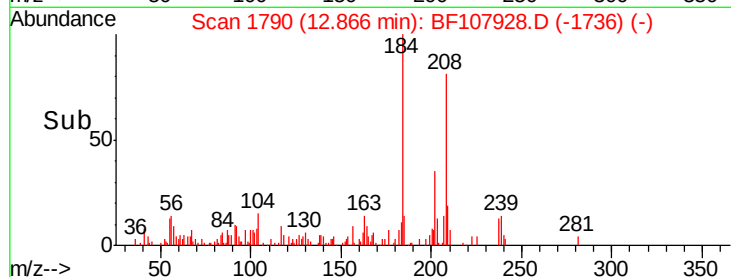
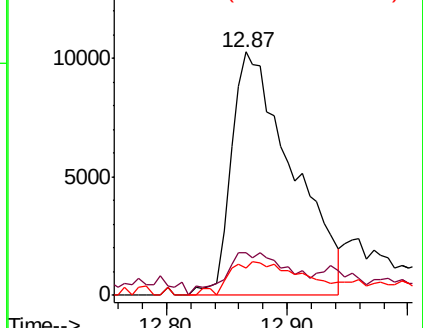
183 11.4 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 41.403 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

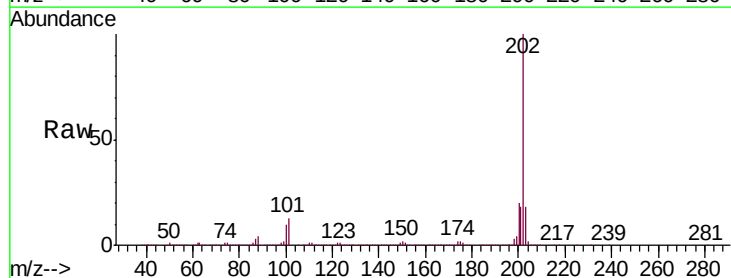
Tgt Ion:202 Resp: 1025550

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

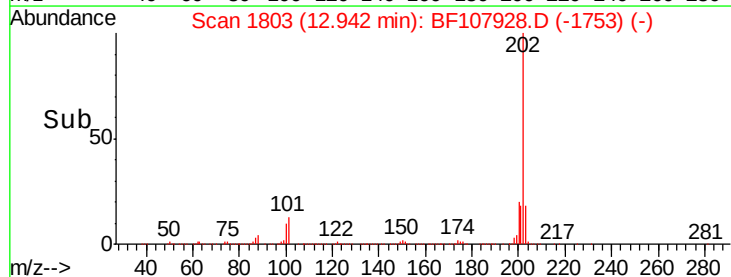
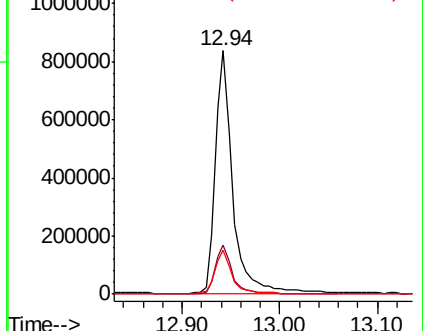
203 17.9 14.3 21.5

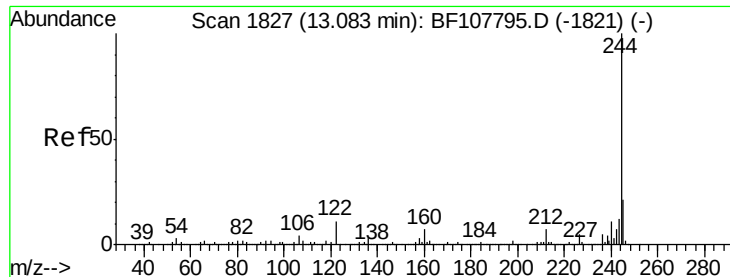


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.972 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

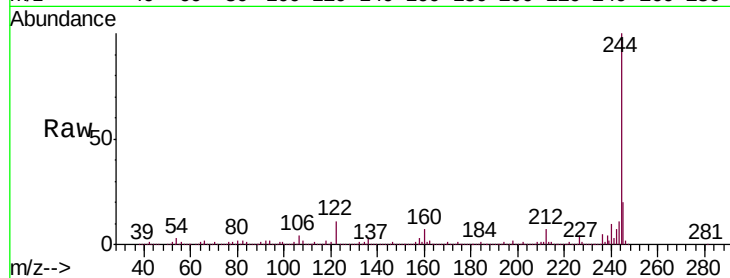
Tgt Ion:244 Resp: 1316224

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

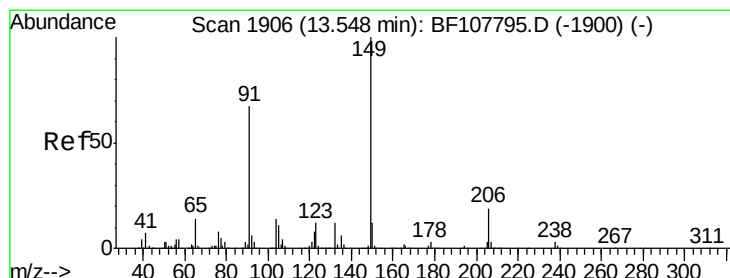
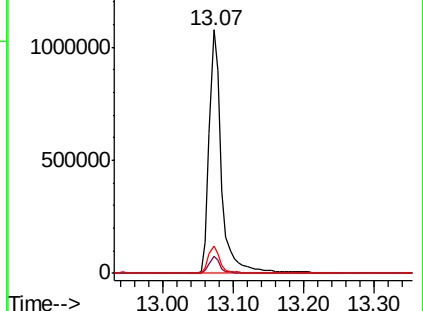
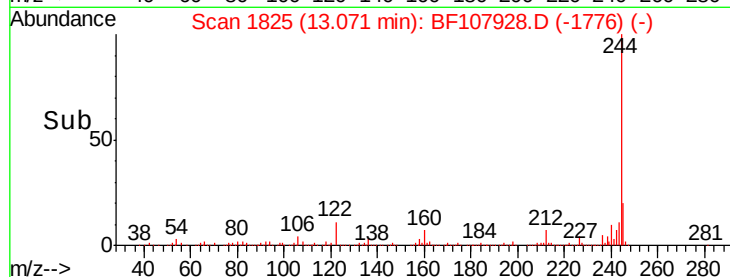
122 11.3 11.0 16.4



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: 41.894 ng

RT: 13.54 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

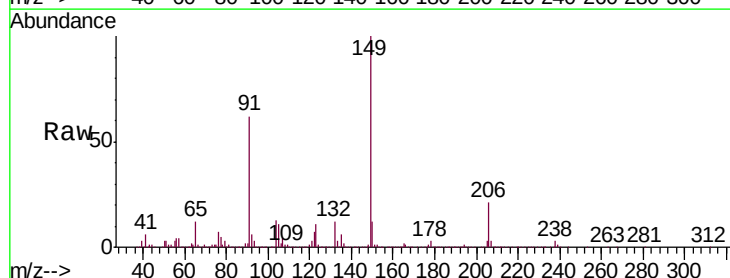
Tgt Ion:149 Resp: 454427

Ion Ratio Lower Upper

149 100

91 62.4 56.8 85.2

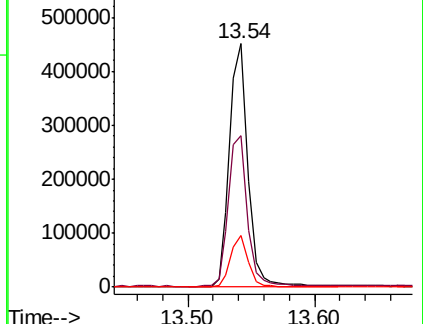
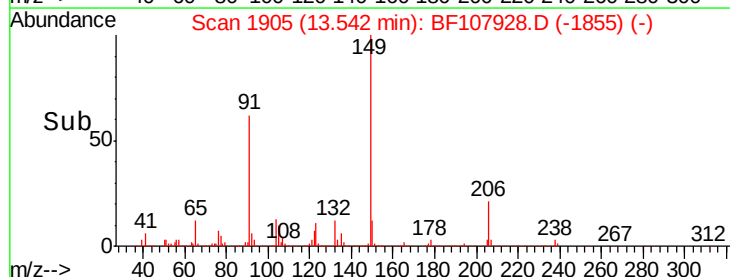
206 21.0 14.1 21.1

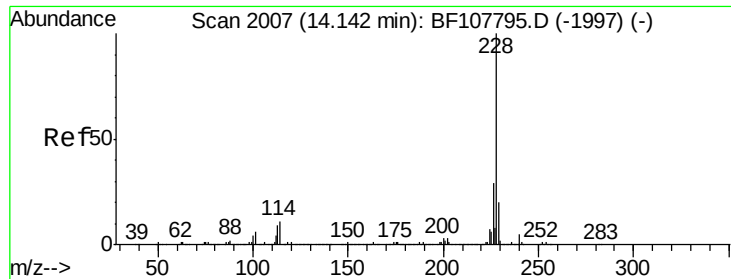


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.880 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

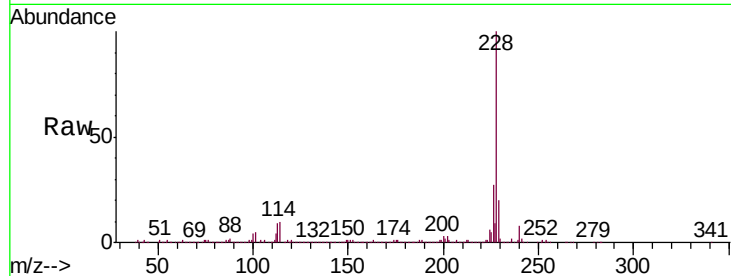
Tgt Ion:228 Resp: 874522

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

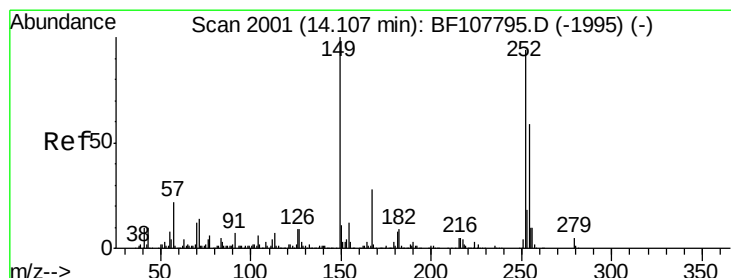
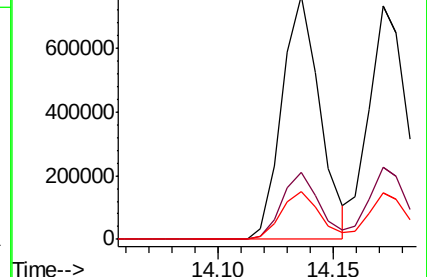
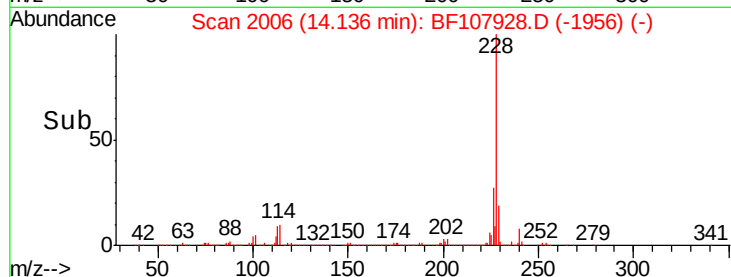
229 19.5 15.8 23.6



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: 20.912 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

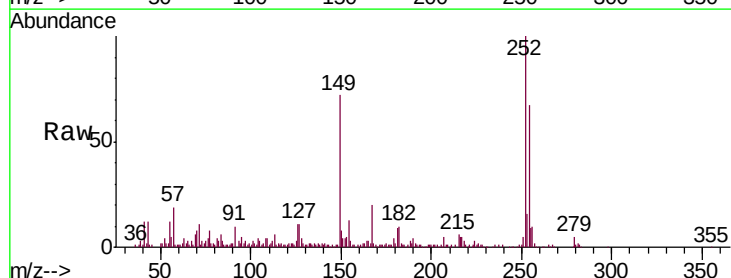
Tgt Ion:252 Resp: 157962

Ion Ratio Lower Upper

252 100

254 66.5 50.4 75.6

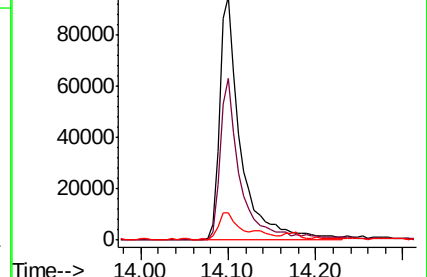
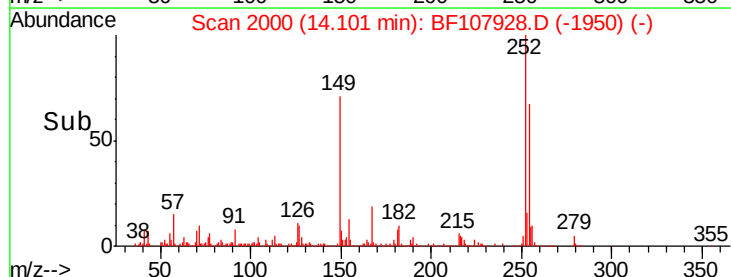
126 11.3 11.3 16.9

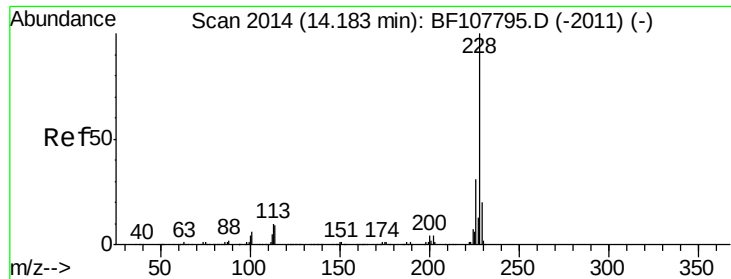


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 46.717 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

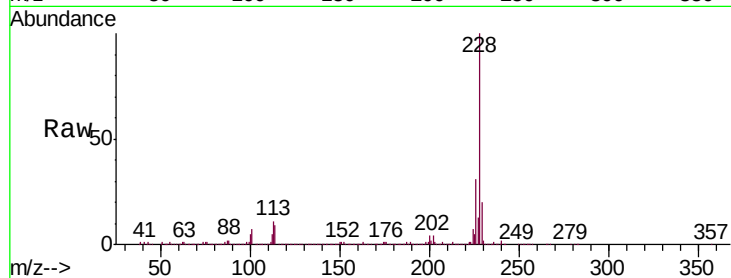
Tgt Ion:228 Resp: 981866

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

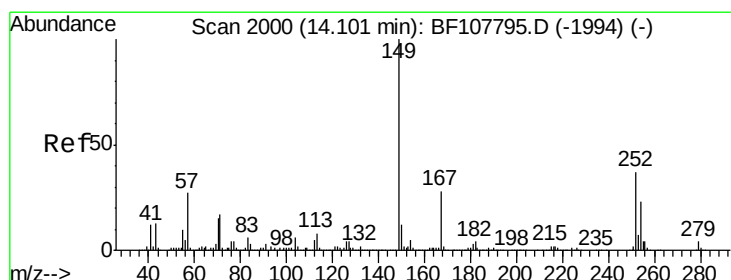
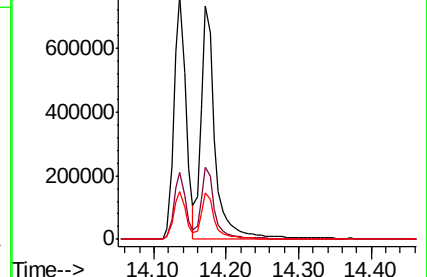
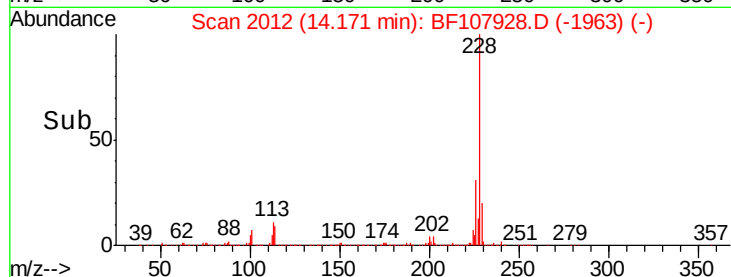
229 20.0 16.2 24.4



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: 45.541 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

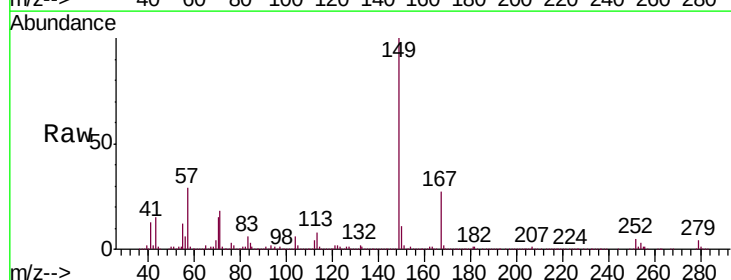
Tgt Ion:149 Resp: 621007

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

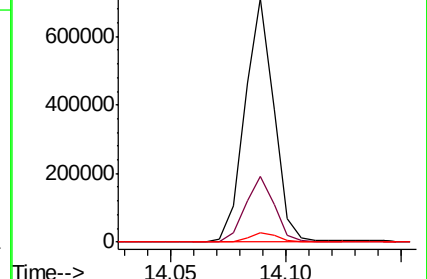
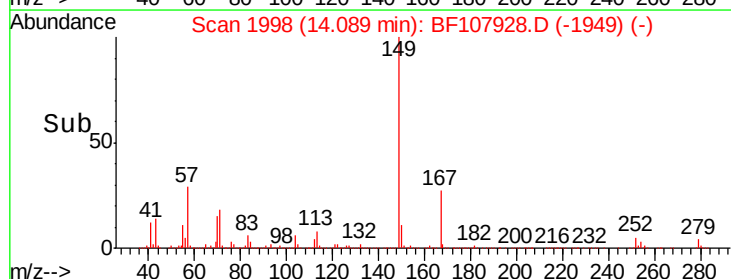
279 3.8 3.0 4.4

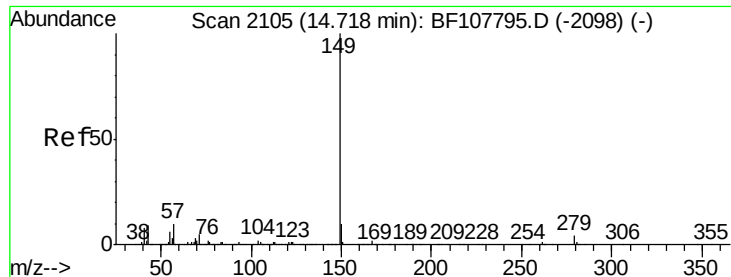


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

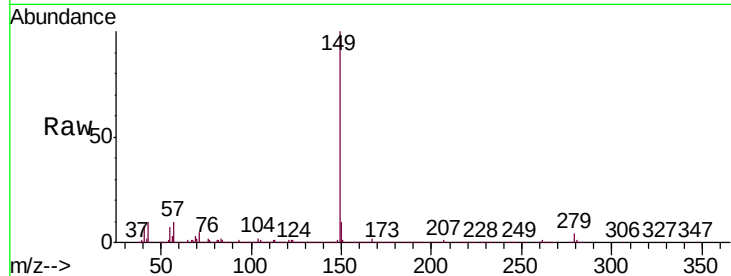




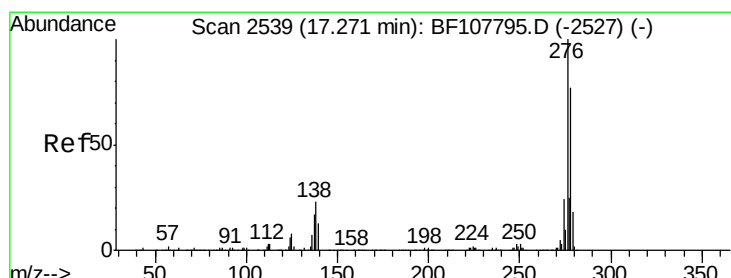
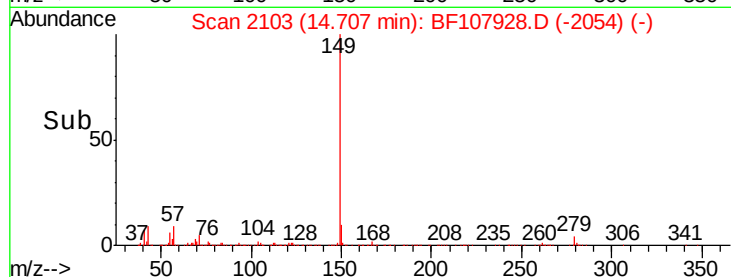
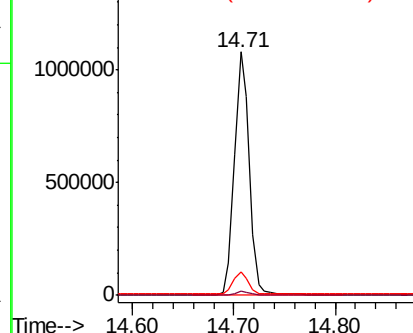
#84
Di-n-octyl phthalate
Concen: 50.178 ng
RT: 14.71 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampled :
GW-03MS

Tgt Ion:149 Resp: 1098279
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.3 8.4 12.6

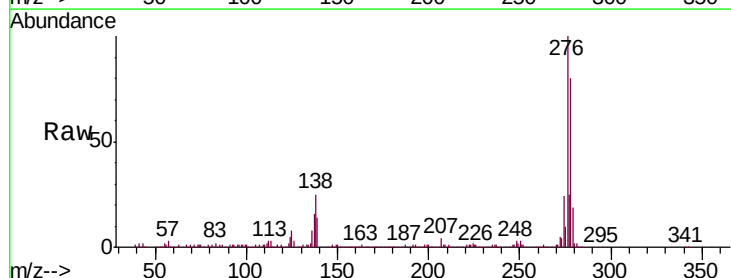


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

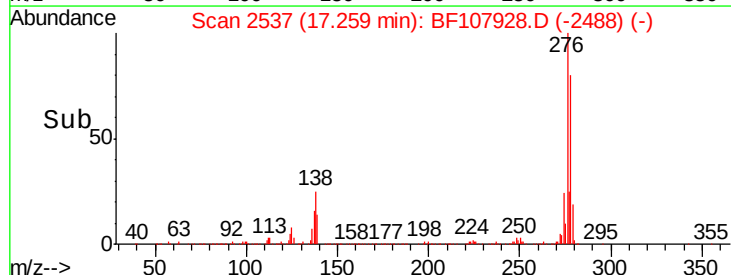
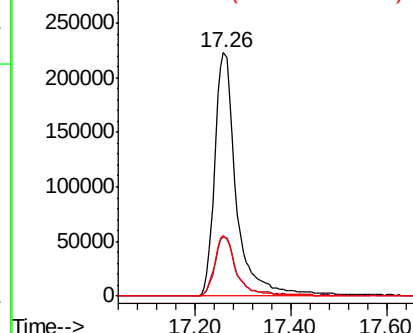


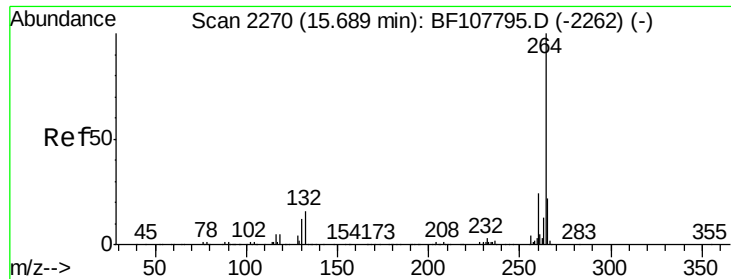
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.073 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion:276 Resp: 704574
Ion Ratio Lower Upper
276 100
138 24.4 25.0 37.6#
277 25.4 20.1 30.1



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

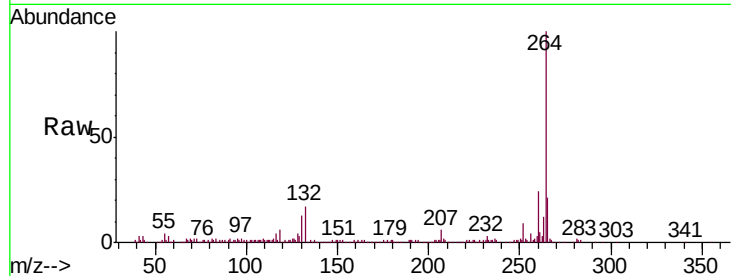




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
GW-03MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.6	17.5	26.3

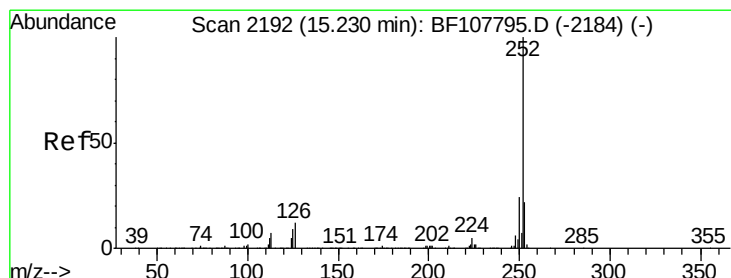
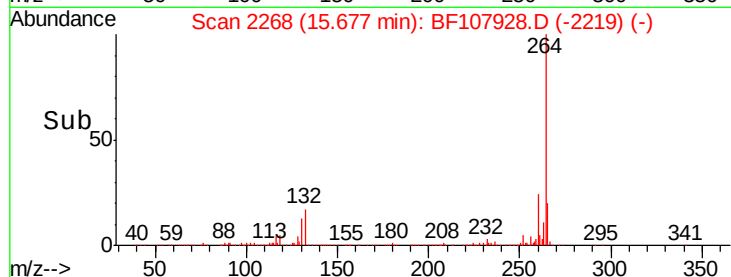
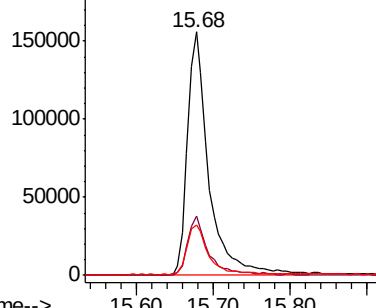


Abundance

Ion 264.00 (263.70 to 264.70): E

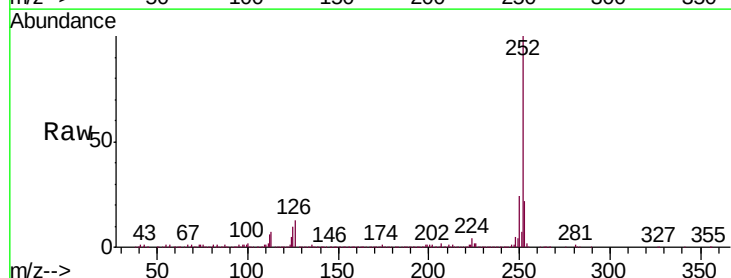
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 49.873 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.4	9.0	13.6

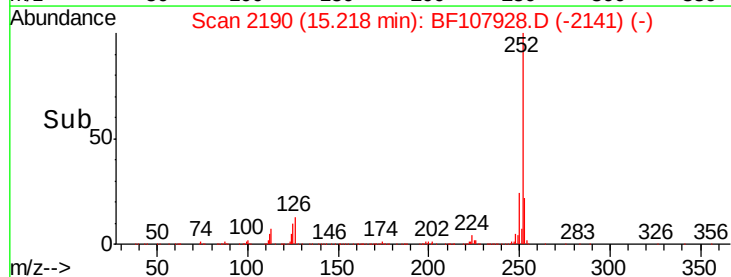
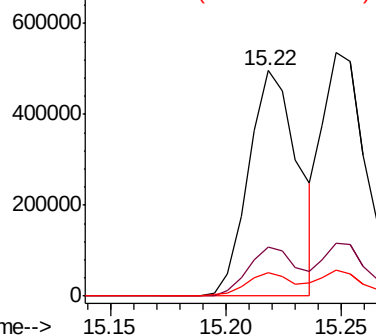


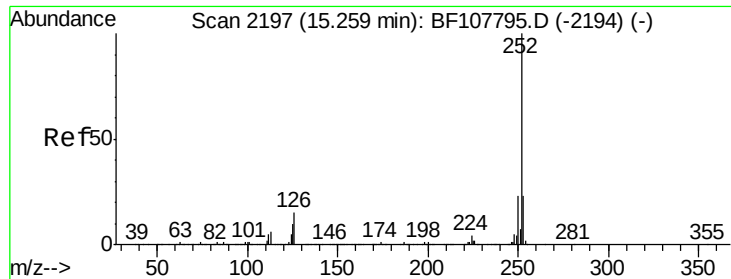
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

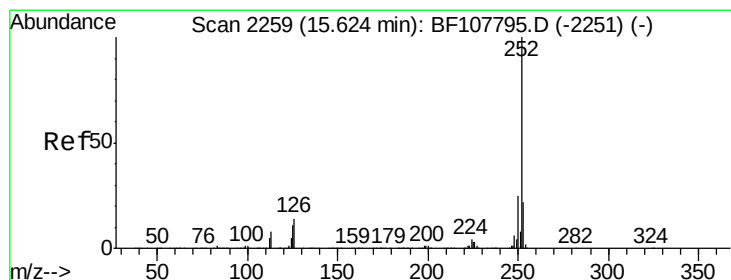
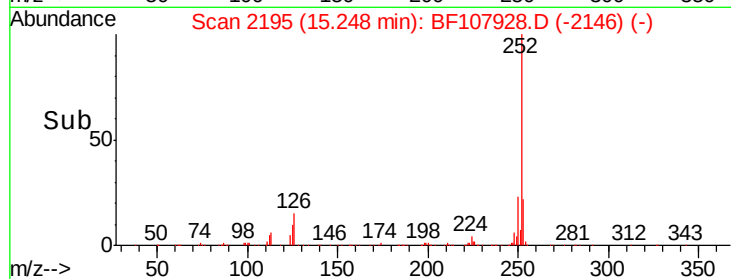
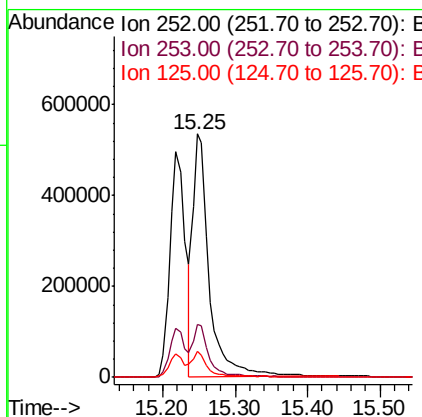
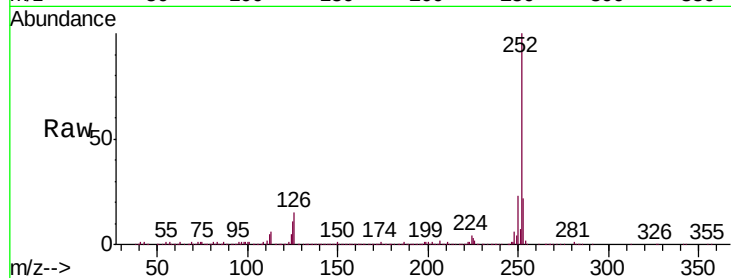




#88
Benzo(k)fluoranthene
Concen: 45.880 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

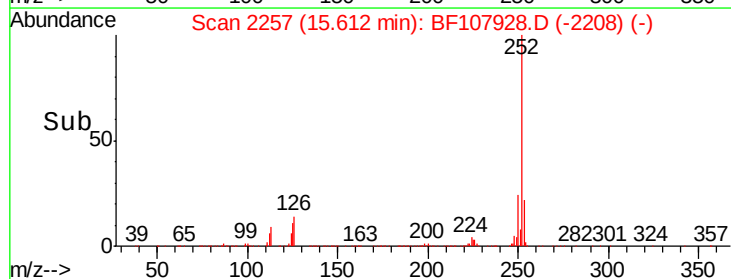
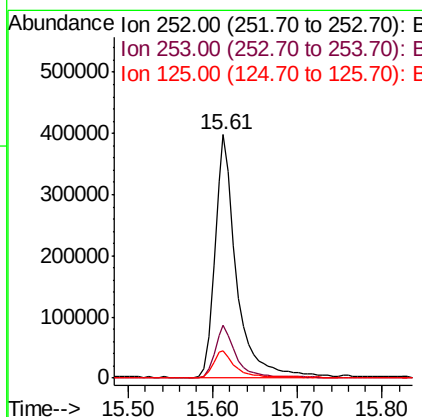
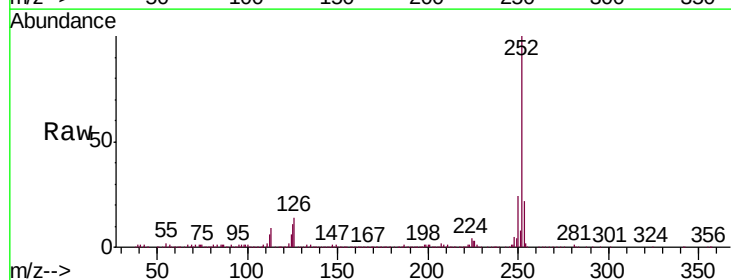
Instrument :
BNA_F
ClientSampleId :
GW-03MS

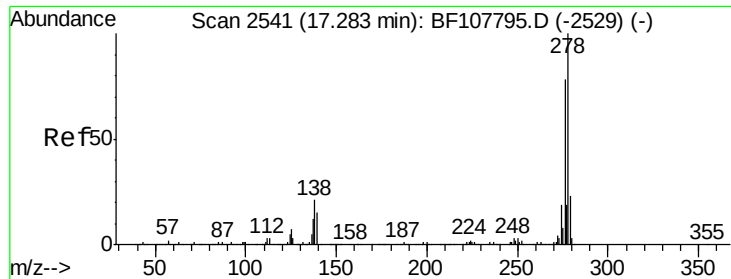
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	10.5	10.2	15.2



#89
Benzo(a)pyrene
Concen: 46.294 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107928.D
Acq: 2 Aug 2018 23:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.2	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 44.568 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

GW-03MS

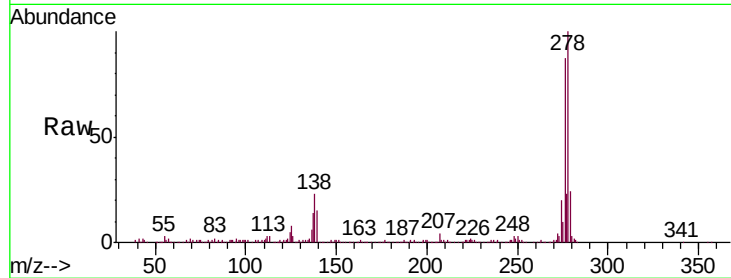
Tgt Ion:278 Resp: 593467

Ion Ratio Lower Upper

278 100

139 14.8 15.9 23.9#

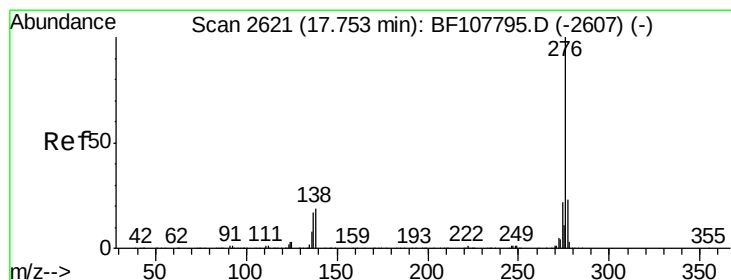
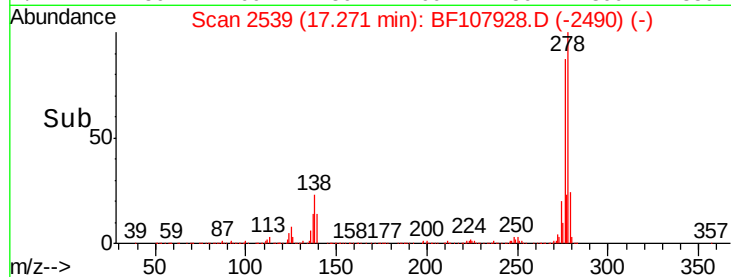
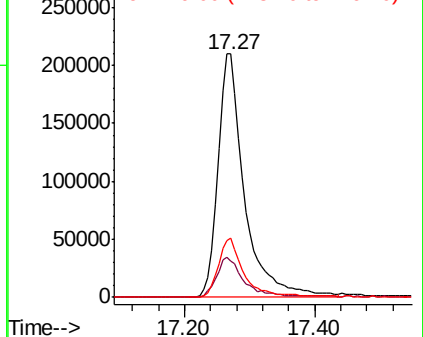
279 24.4 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 43.125 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.02 min

Lab File: BF107928.D

Acq: 2 Aug 2018 23:51

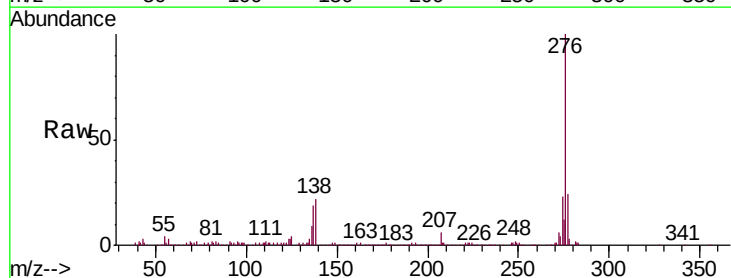
Tgt Ion:276 Resp: 555640

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 21.6 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

