

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028695.D
 Acq On : 13 Sep 2017 12:51
 Operator : SJ/JU
 Sample : I5189-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 13:26:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	23759	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	94765	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	68346	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	208997	20.00	ng	0.00
75) Chrysene-d12	22.02	240	258370	20.00	ng	-0.01
86) Perylene-d12	25.52	264	263237	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.90	112	97335	67.60	ng	0.00
7) Phenol-d6	7.48	99	80069	36.93	ng	0.00
23) Nitrobenzene-d5	9.50	82	200159	101.04	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	210477	186.20	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	523653	102.16	ng	0.00
78) Terphenyl-d14	20.28	244	1260396	104.03	ng	0.00

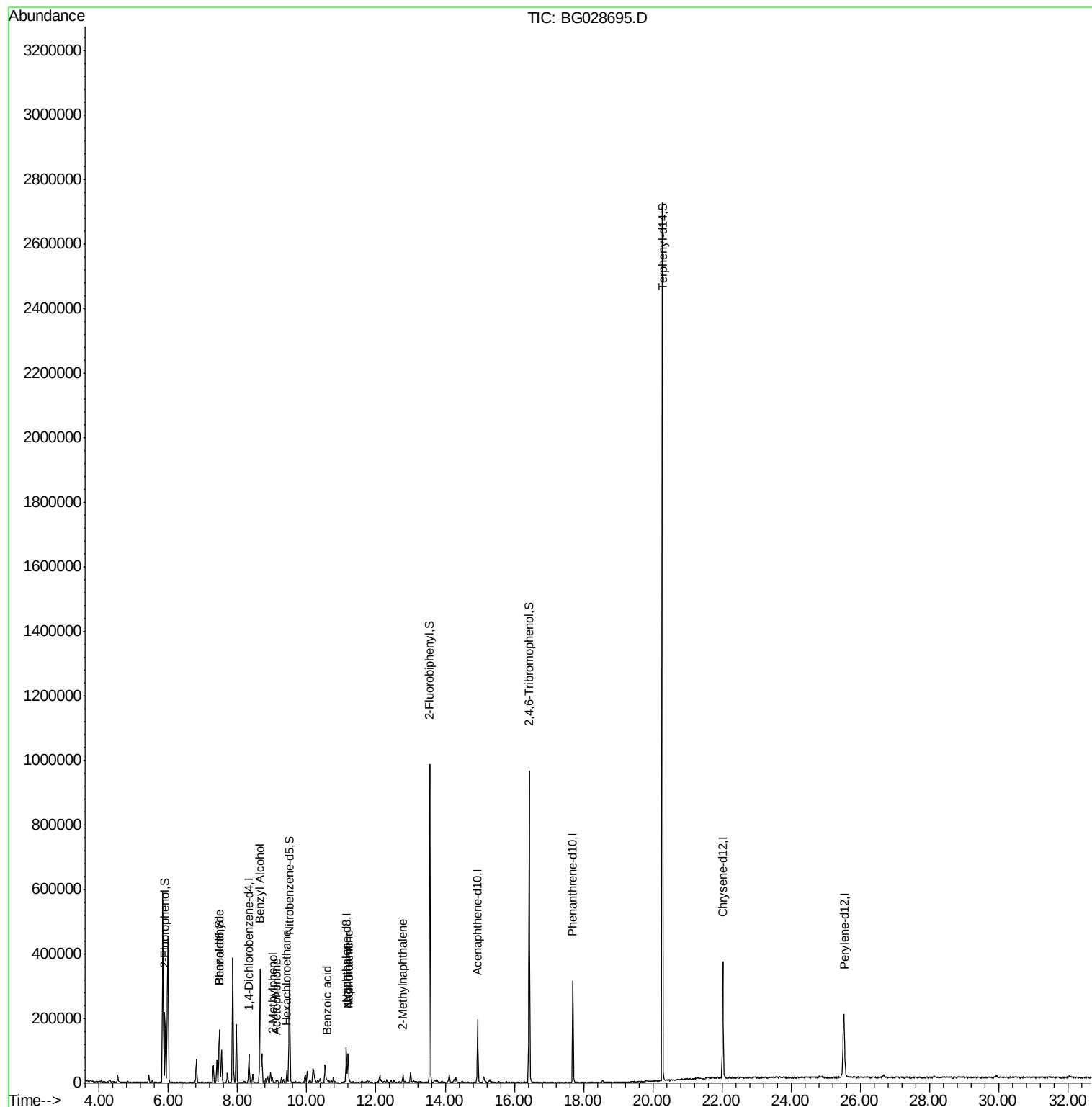
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.47	77	8268	6.147	ng	# 1
15) Benzyl Alcohol	8.66	79	3460	2.044	ng	# 44
17) 2-Methylphenol	9.01	107	3132	2.095	ng	# 35
18) Hexachloroethane	9.43	117	4587	7.042	ng	# 1
22) Acetophenone	9.12	105	6773	2.444	ng	# 49
31) Naphthalene	11.20	128	72469	14.642	ng	97
32) Benzoic acid	10.57	122	1599	7.238	ng	# 40
33) 4-Chloroaniline	11.20	127	9333	4.501	ng	# 36
37) 2-Methylnaphthalene	12.78	142	11939	3.231	ng	94

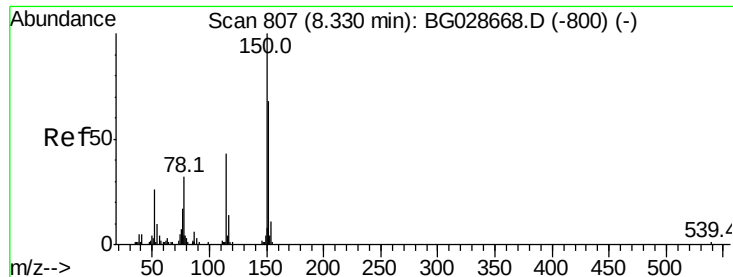
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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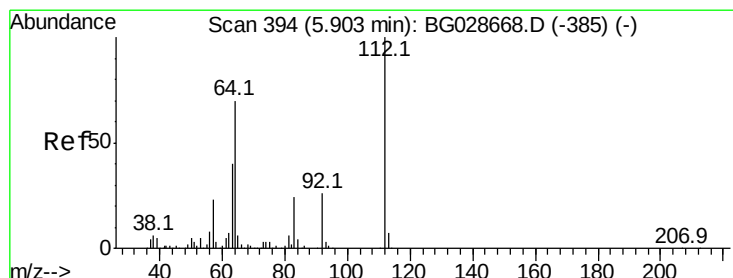
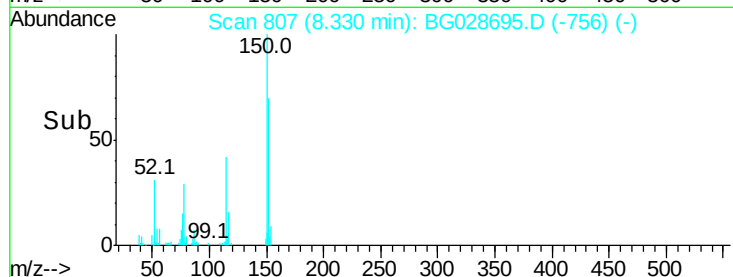
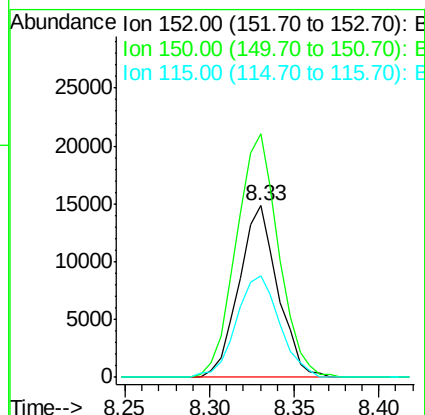
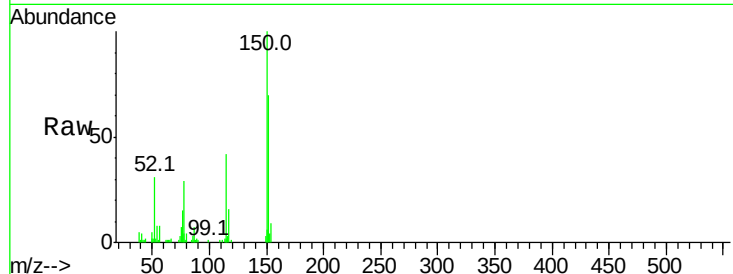


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

Instrument :
BNA_G
ClientSampleId :

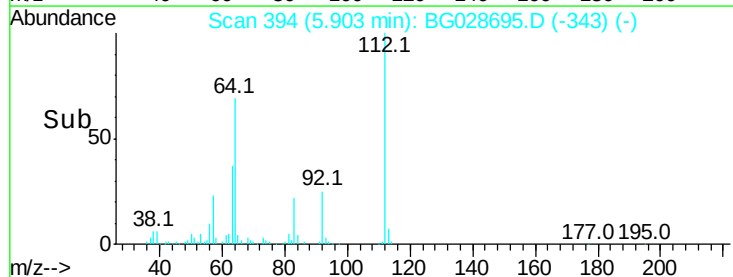
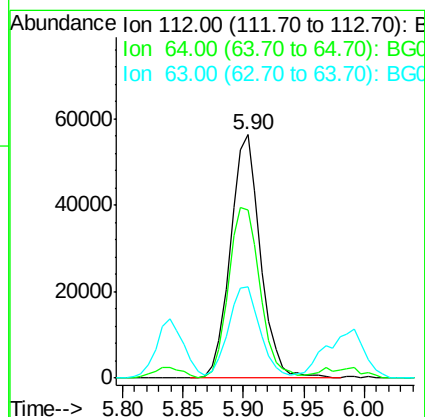
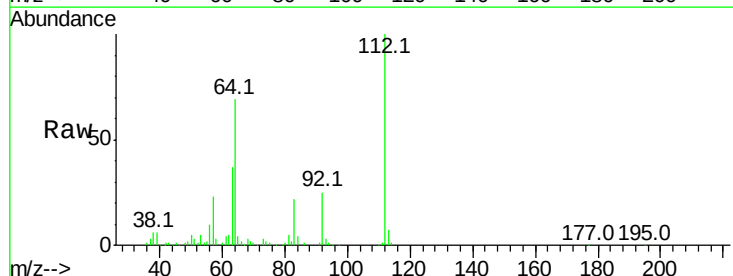
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.9	114.0	171.0
115	59.5	48.1	72.1

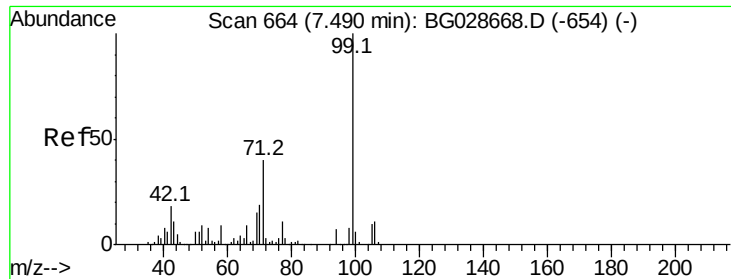


#5

2-Fluorophenol
Concen: 67.599 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	61.8	92.6
63	37.4	37.2	55.8





#7

Phenol-d6

Concen: 36.933 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

Instrument :

BNA_G

ClientSampleId :

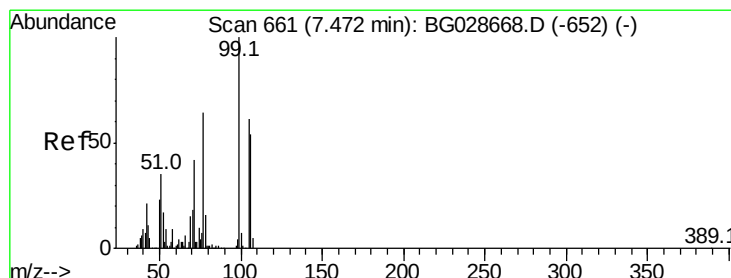
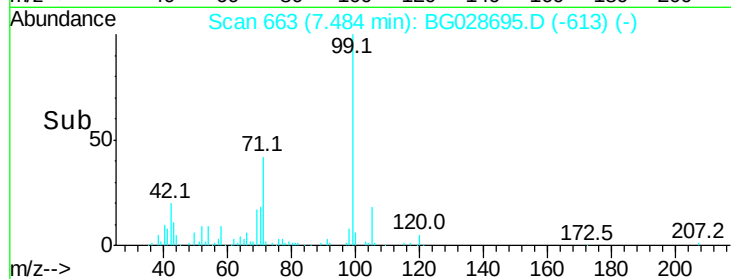
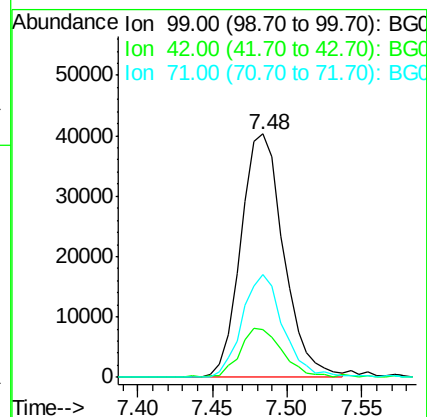
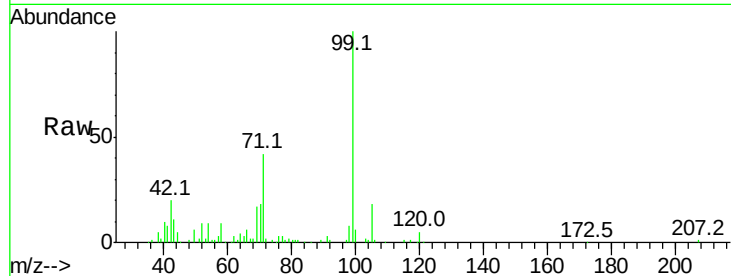
Tot Ion: 99 Resp: 80069

Ion Ratio Lower Upper

99 100

42 19.6 20.5 30.7#

71 42.2 37.6 56.4



#9

Benzaldehyde

Concen: 6.147 ng

RT: 7.47 min Scan# 660

Delta R.T. -0.01 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

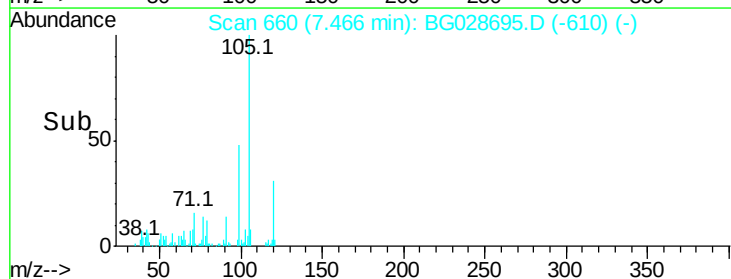
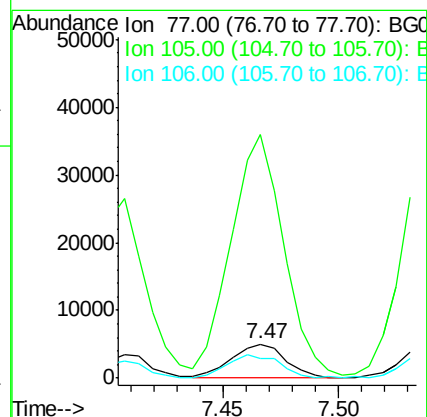
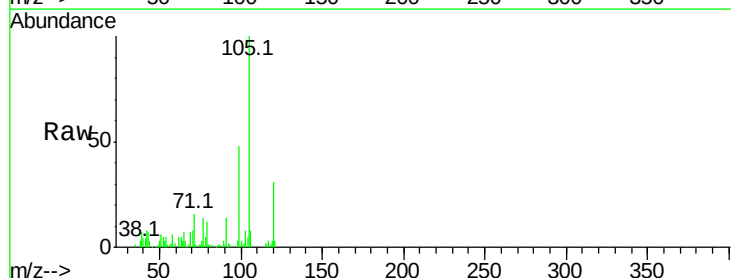
Tgt Ion: 77 Resp: 8268

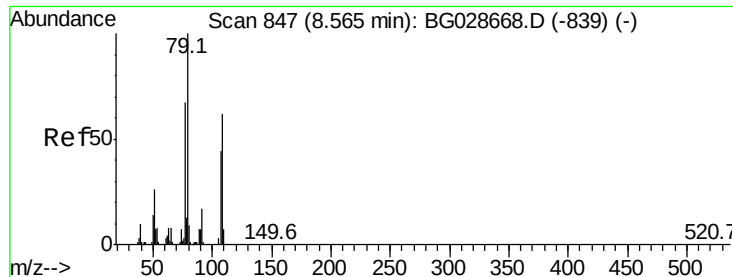
Ion Ratio Lower Upper

77 100

105 709.1 60.9 100.9#

106 55.6 55.1 95.1





#15

Benzyl Alcohol

Concen: 2.044 ng

RT: 8.66 min Scan# 863

Delta R.T. 0.09 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

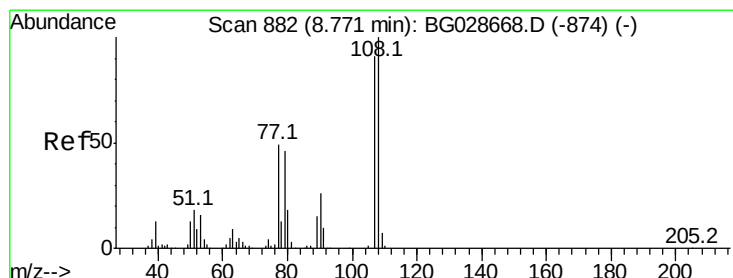
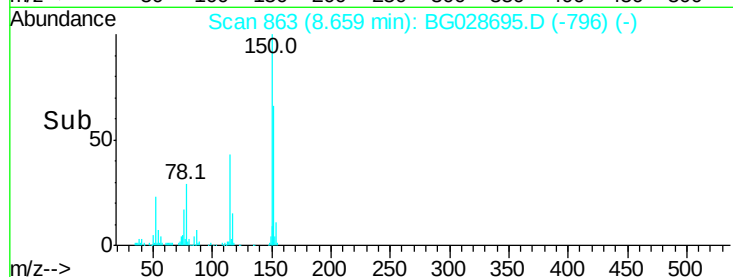
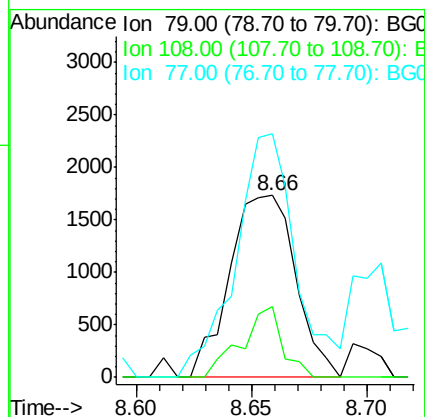
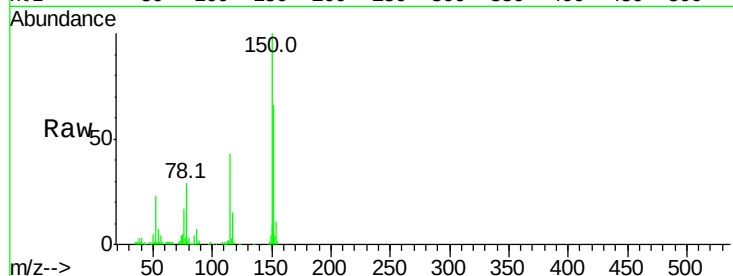
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 3460

Ion	Ratio	Lower	Upper
79	100		
108	38.9	45.5	68.3#
77	134.0	54.3	81.5#



#17

2-Methylphenol

Concen: 2.095 ng

RT: 9.01 min Scan# 923

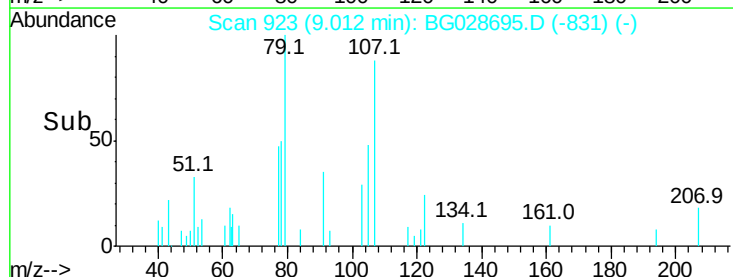
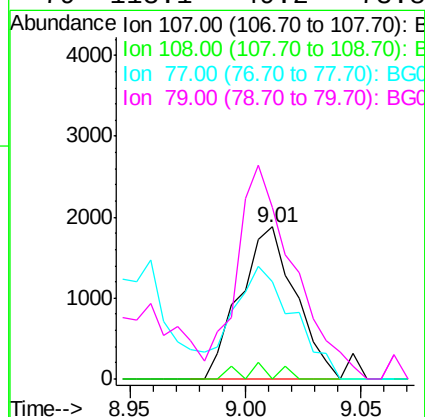
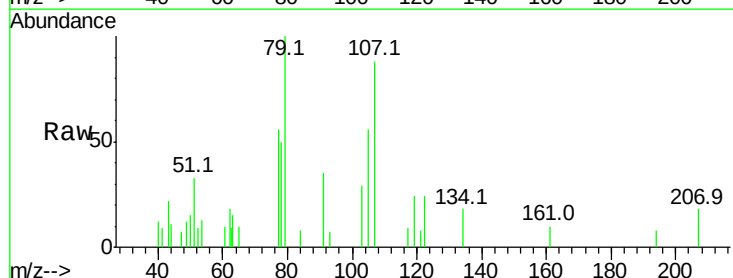
Delta R.T. 0.24 min

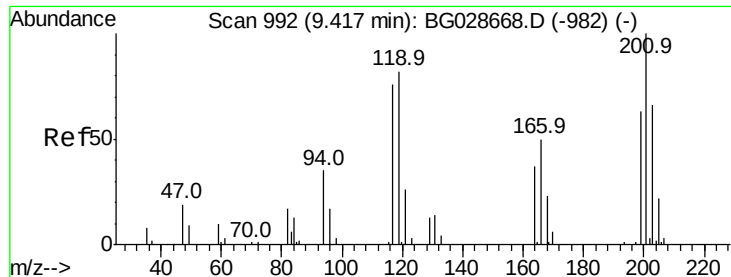
Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

Tgt Ion: 107 Resp: 3132

Ion	Ratio	Lower	Upper
107	100		
108	0.0	85.6	128.4#
77	63.8	51.4	77.2
79	113.1	49.2	73.8#

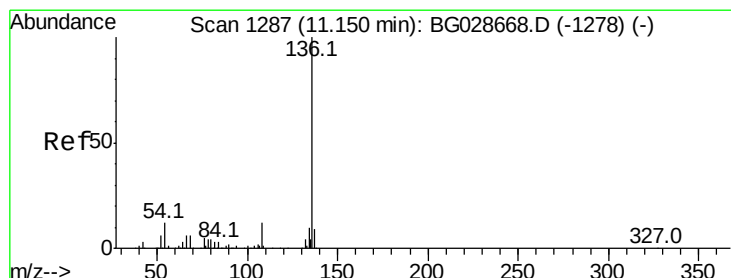
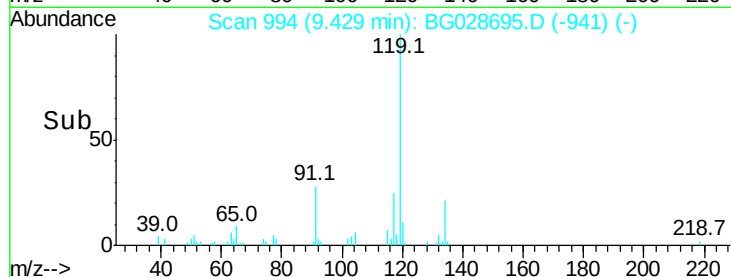
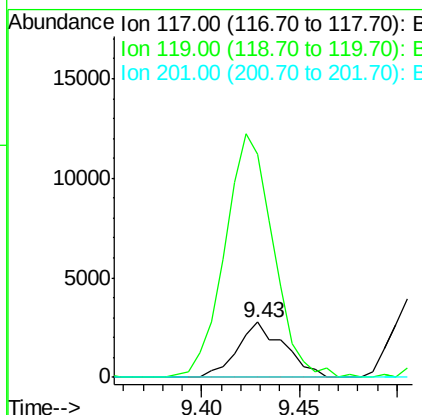
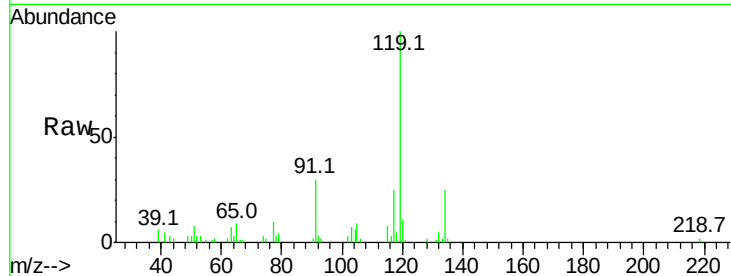




#18
Hexachloroethane
Concen: 7.042 ng
RT: 9.43 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

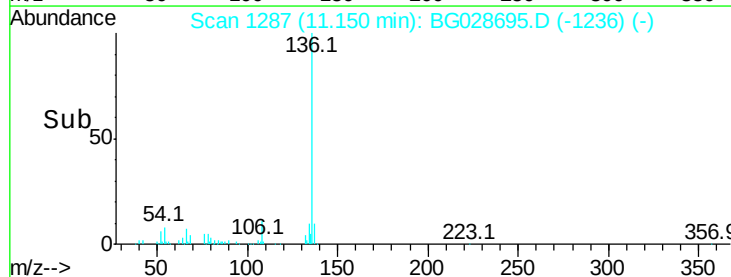
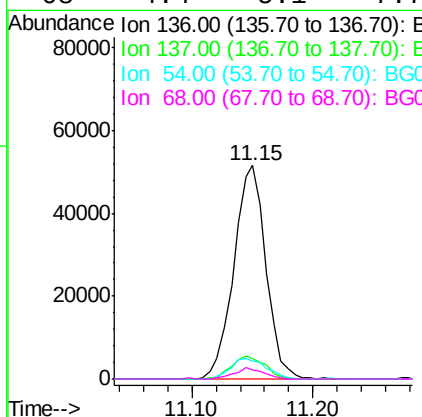
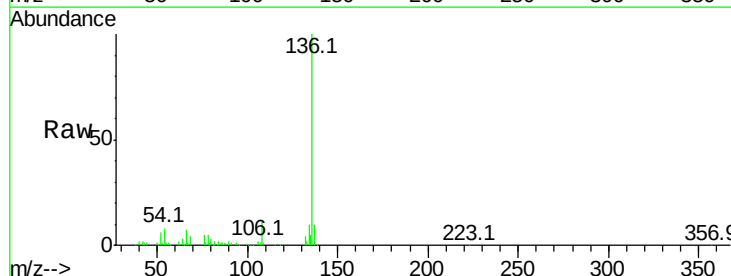
Instrument :
BNA_G
ClientSampleId :

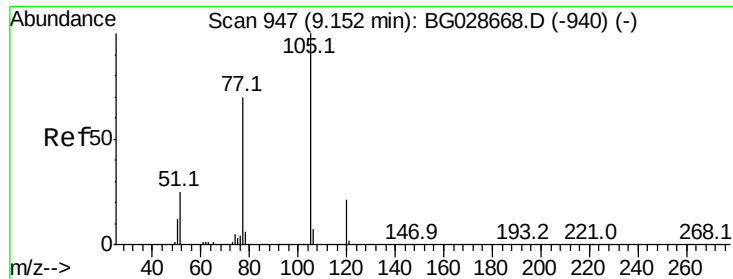
Tot Ion:117 Resp: 4587
Ion Ratio Lower Upper
117 100
119 404.8 69.8 104.6#
201 0.0 95.4 143.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

Tgt Ion:136 Resp: 94765
Ion Ratio Lower Upper
136 100
137 9.6 8.9 13.3
54 8.3 9.3 13.9#
68 4.4 5.1 7.7#

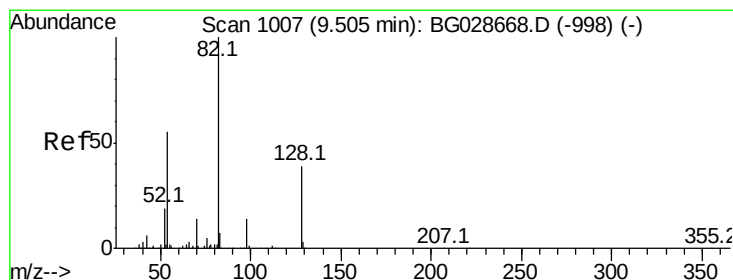
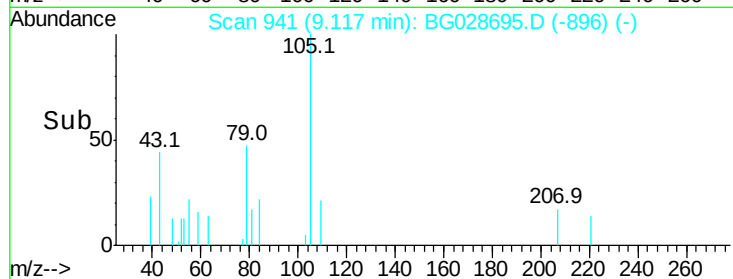
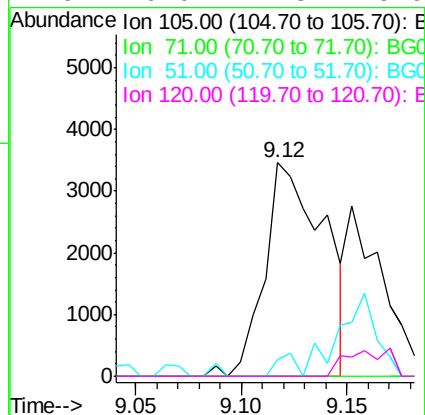
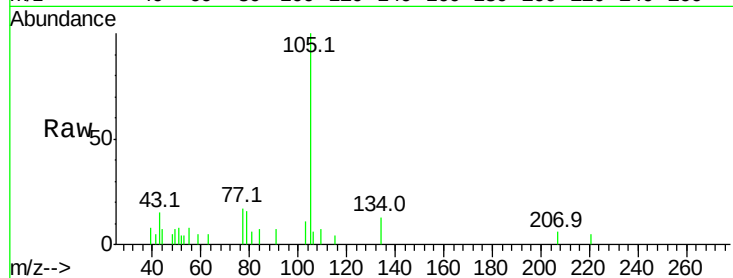




#22
Acetophenone
Concen: 2.444 ng
RT: 9.12 min Scan# 941
Delta R.T. -0.04 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

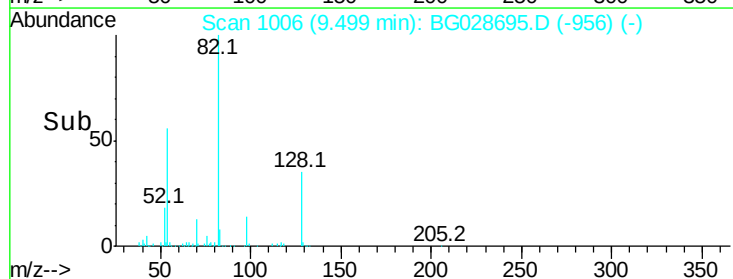
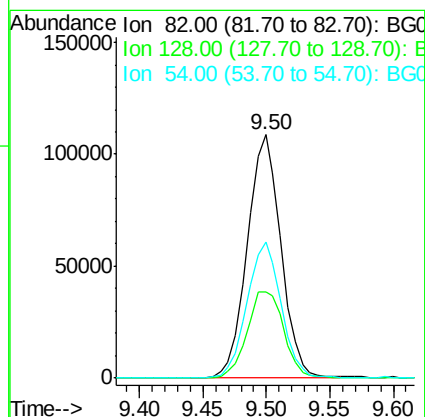
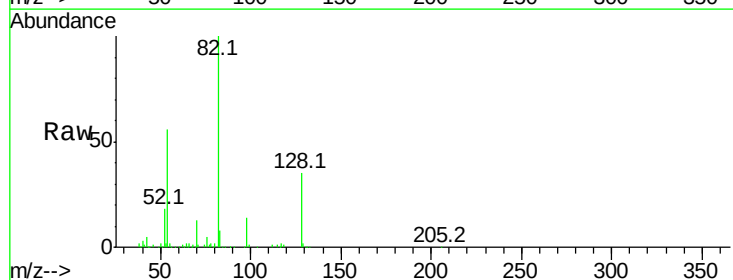
Instrument :
BNA_G
ClientSampleId :

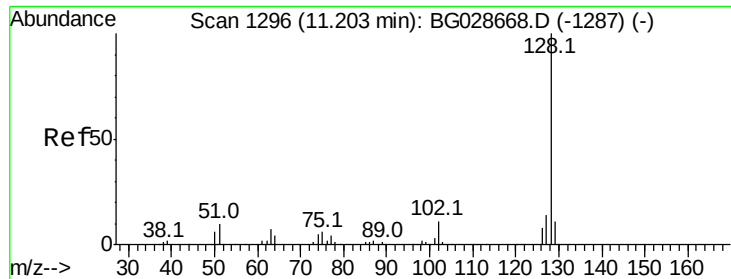
Tot Ion:	105	Resp:	6773
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	8.0	34.0	51.0#
120	0.0	17.3	25.9#



#23
Nitrobenzene-d5
Concen: 101.040 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

Tgt Ion:	82	Resp:	200159
Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.4	39.6
54	55.9	49.4	74.2

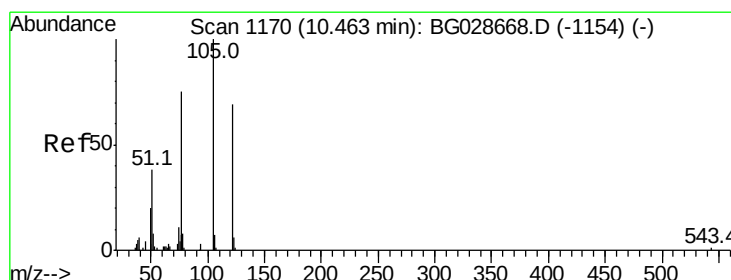
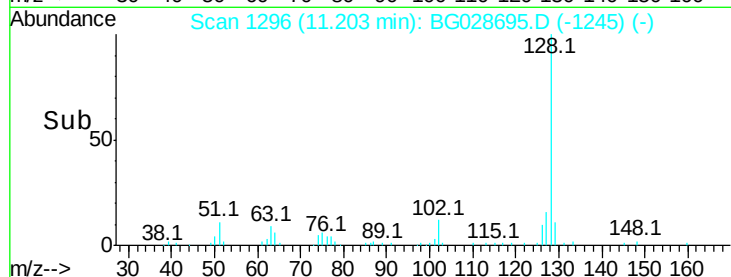
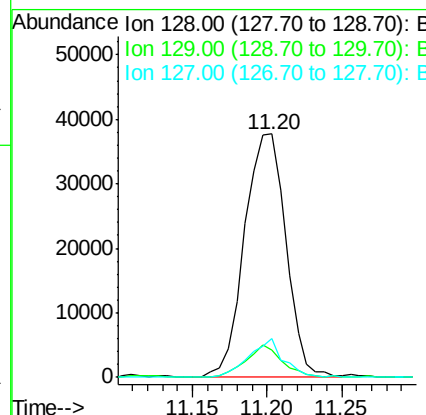
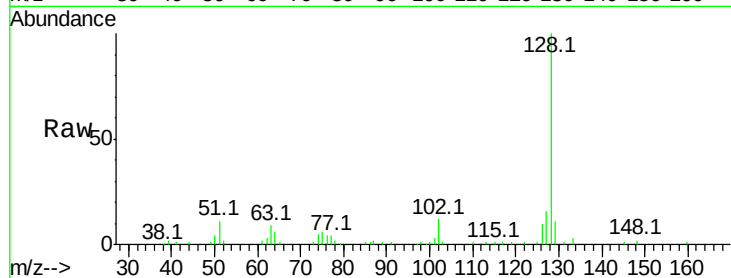




#31
Naphthalene
Concen: 14.642 ng
RT: 11.20 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

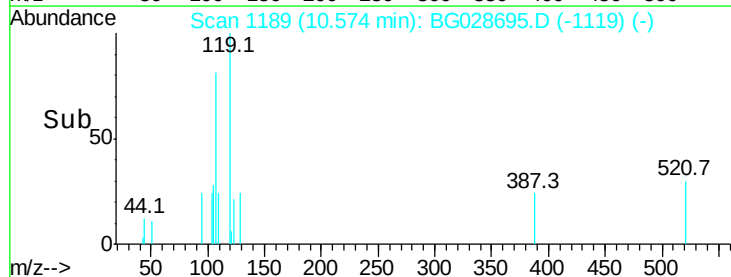
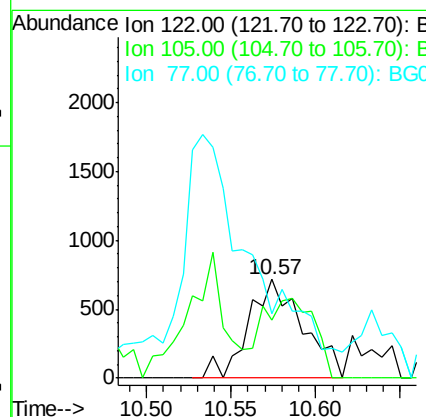
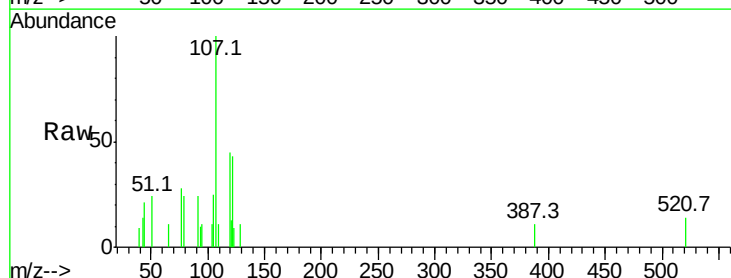
Instrument :
BNA_G
ClientSampleId :

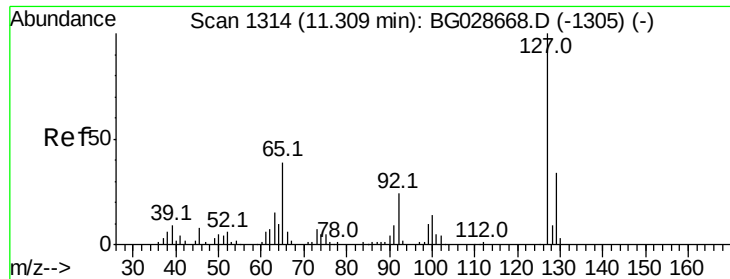
Tot Ion:128 Resp: 72469
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 15.7 11.4 17.0



#32
Benzoic acid
Concen: 7.238 ng
RT: 10.57 min Scan# 1189
Delta R.T. 0.11 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

Tgt Ion:122 Resp: 1599
Ion Ratio Lower Upper
122 100
105 59.3 120.1 160.1#
77 65.6 104.6 144.6#

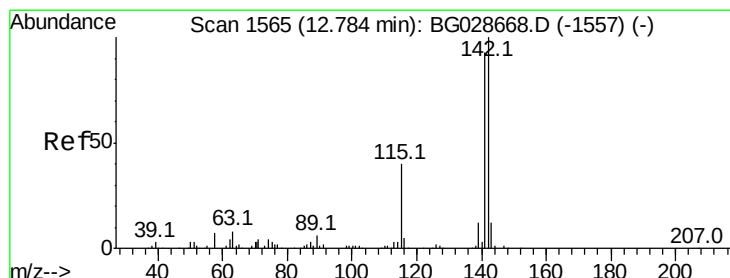
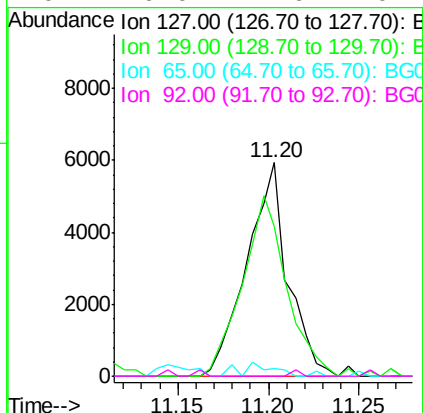
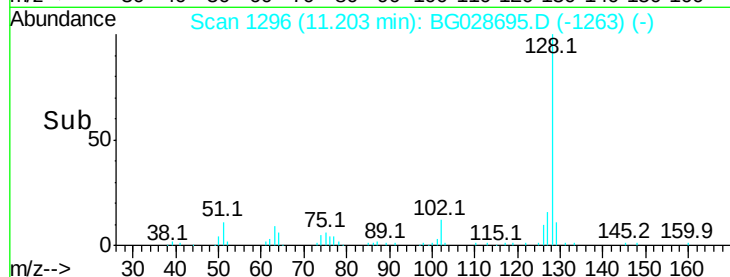
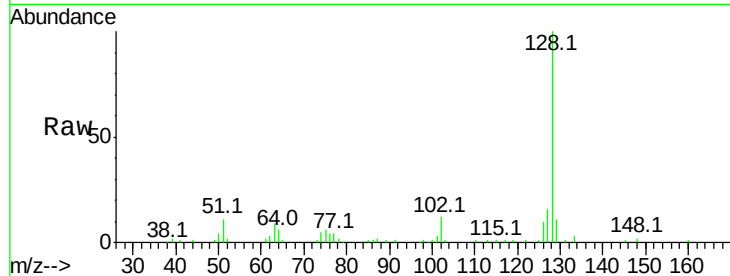




#33
4-Chloroaniline
Concen: 4.501 ng
RT: 11.20 min Scan# 1296
Delta R.T. -0.11 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

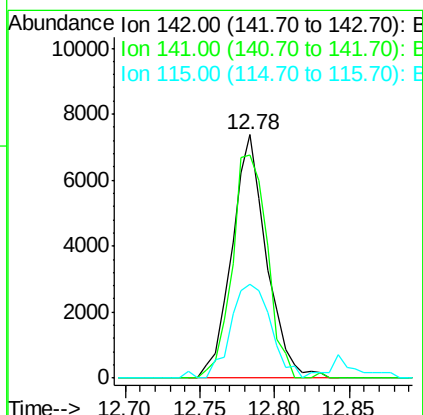
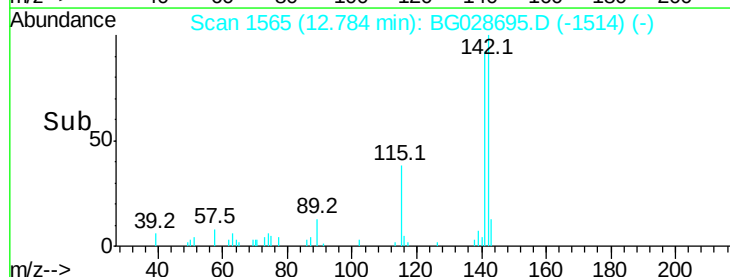
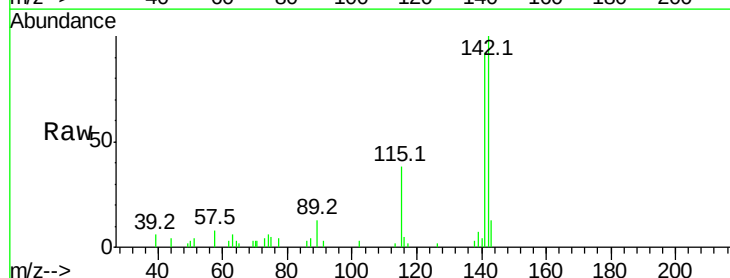
Instrument :
BNA_G
ClientSampleId :

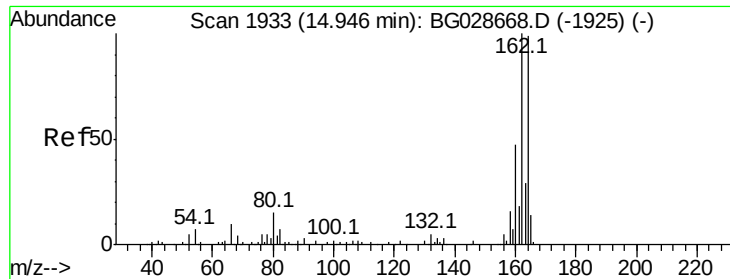
Tot Ion:	127	Resp:	9333
Ion	Ratio	Lower	Upper
127	100		
129	70.2	23.6	35.4#
65	3.4	37.7	56.5#
92	0.0	17.6	26.4#



#37
2-Methylnaphthalene
Concen: 3.231 ng
RT: 12.78 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

Tgt Ion:	142	Resp:	11939
Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.4	105.6
115	38.3	35.5	53.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

Instrument :

BNA_G

ClientSampleId :

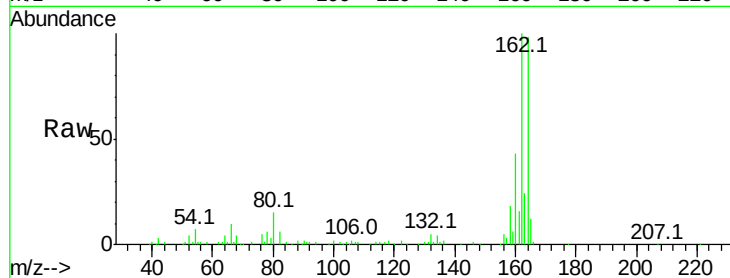
Tot Ion:164 Resp: 68346

Ion Ratio Lower Upper

164 100

162 102.5 85.1 127.7

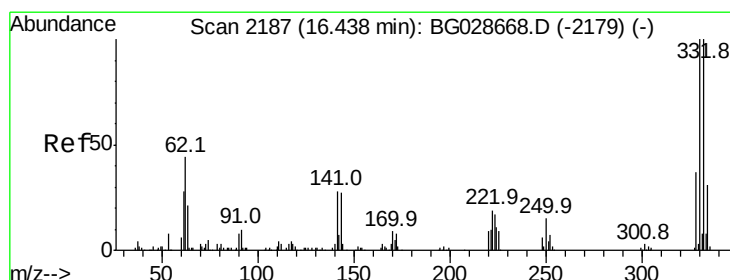
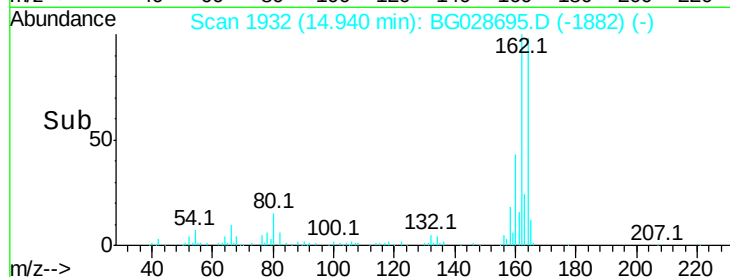
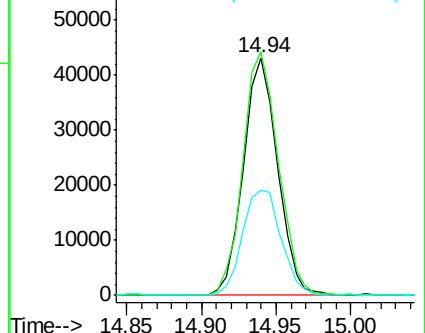
160 44.4 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 186.197 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

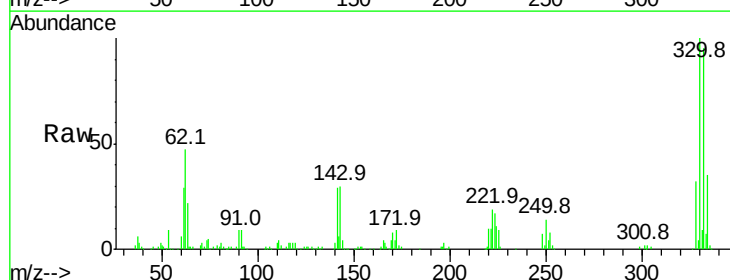
Tgt Ion:330 Resp: 210477

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

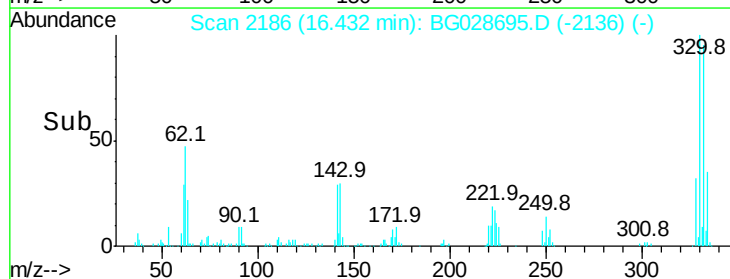
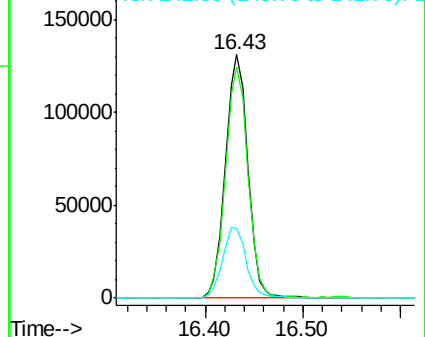
141 30.6 32.1 48.1#

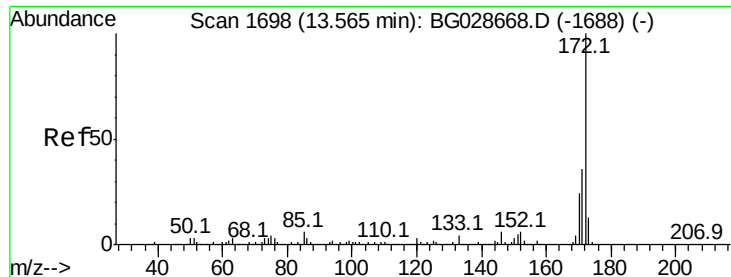


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

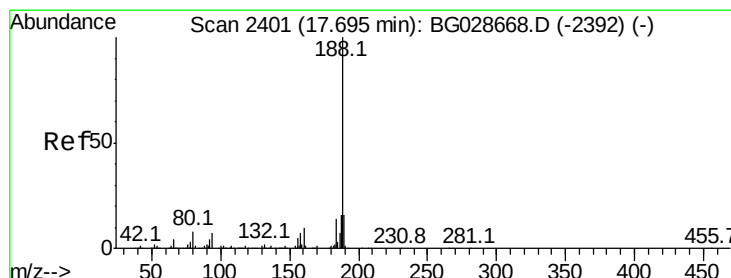
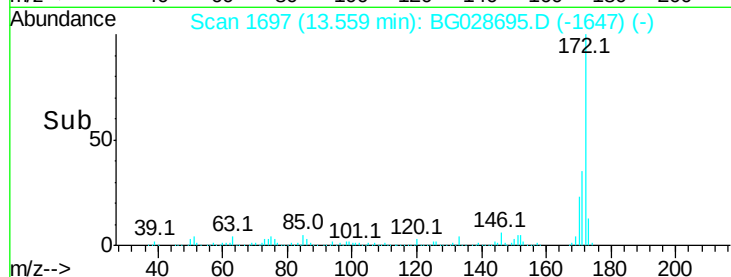
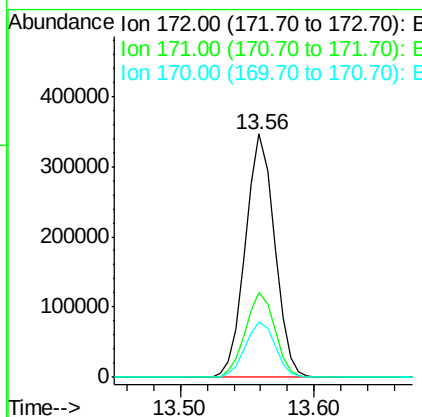
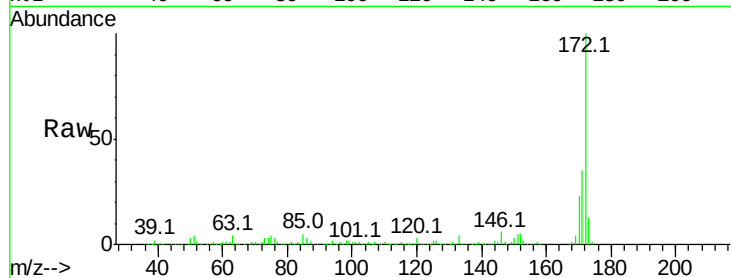




#44
2-Fluorobiphenyl
Concen: 102.164 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

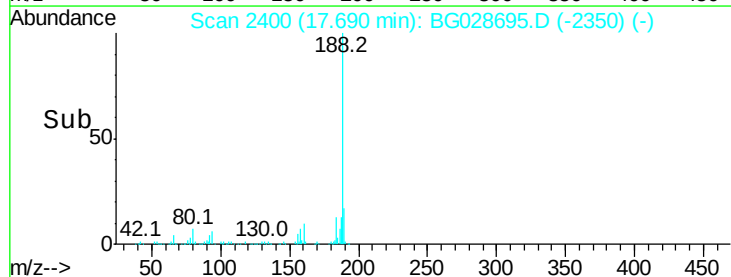
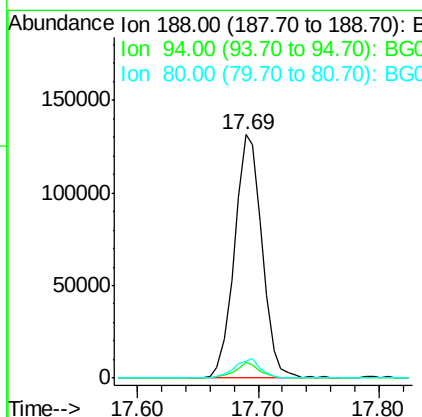
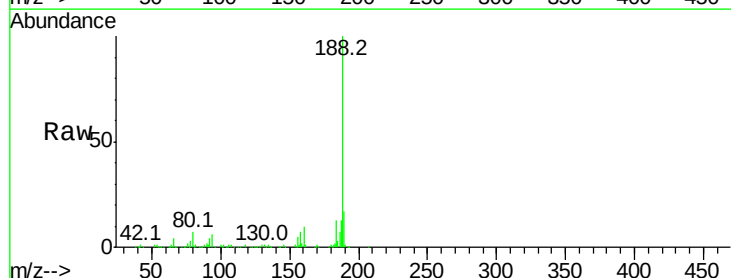
Instrument :
BNA_G
ClientSampleId :

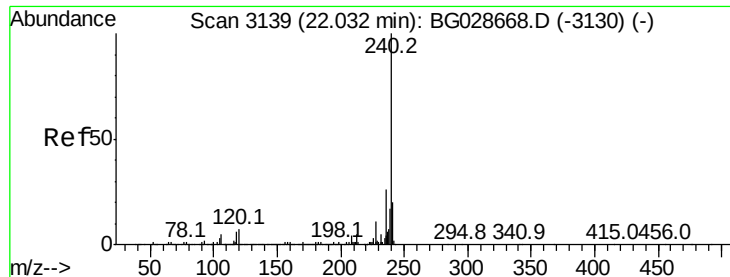
Tot Ion:172 Resp: 523653
Ion Ratio Lower Upper
172 100
171 34.7 32.2 48.2
170 22.9 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG028695.D
Acq: 13 Sep 2017 12:51

Tgt Ion:188 Resp: 208997
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 6.8 7.5 11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

Instrument :

BNA_G

ClientSampleId :

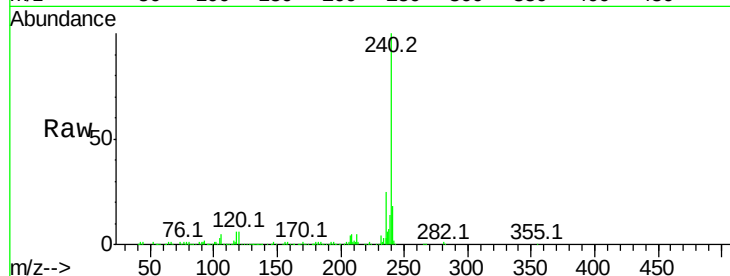
Tot Ion:240 Resp: 258370

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	25.3	22.2	33.4

240 100

120 5.9 5.7 8.5

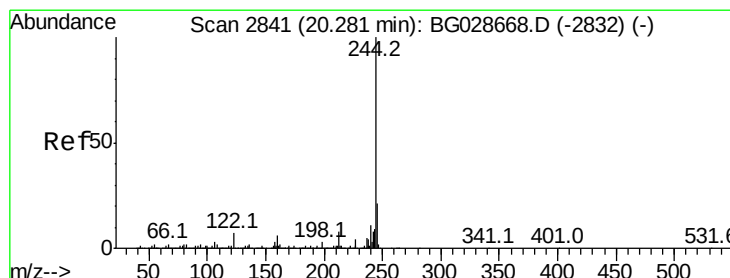
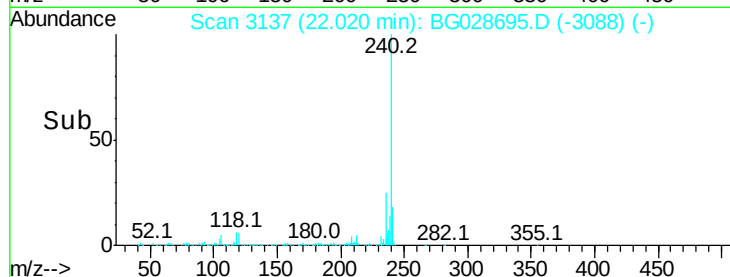
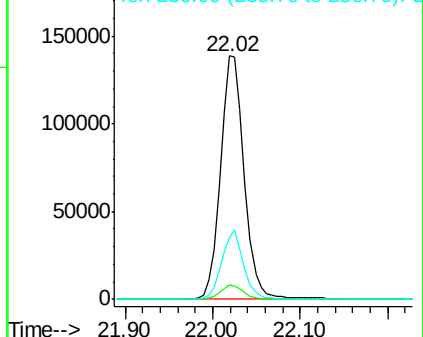
236 25.3 22.2 33.4



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



#78

Terphenyl-d14

Concen: 104.032 ng

RT: 20.28 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG028695.D

Acq: 13 Sep 2017 12:51

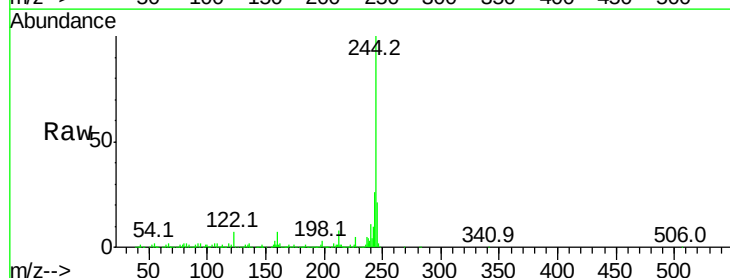
Tgt Ion:244 Resp: 1260396

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	7.0	8.6	12.8#

244 100

212 7.9 10.0 15.0#

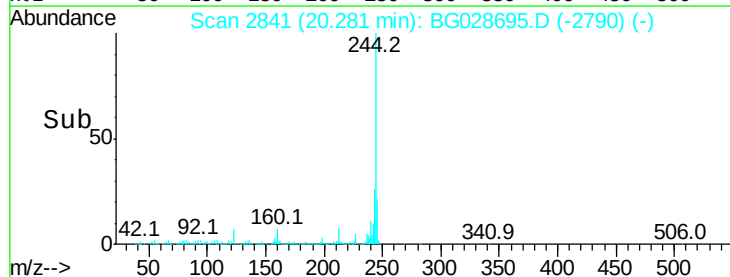
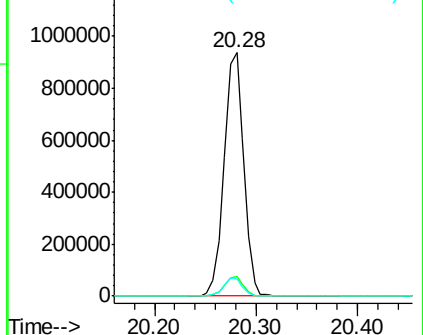
122 7.0 8.6 12.8#

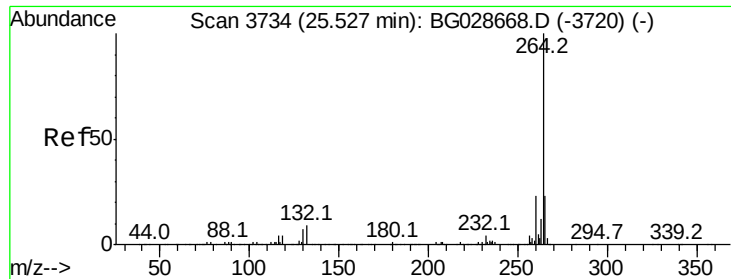


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

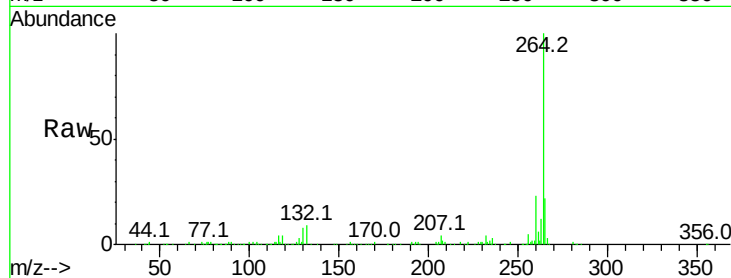




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.01 min
 Lab File: BG028695.D
 Acq: 13 Sep 2017 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	21.7	18.2	27.4



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

