

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025792.D
 Acq On : 3 Feb 2017 13:15
 Operator : SJ/MA
 Sample : I1646-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 14:02:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

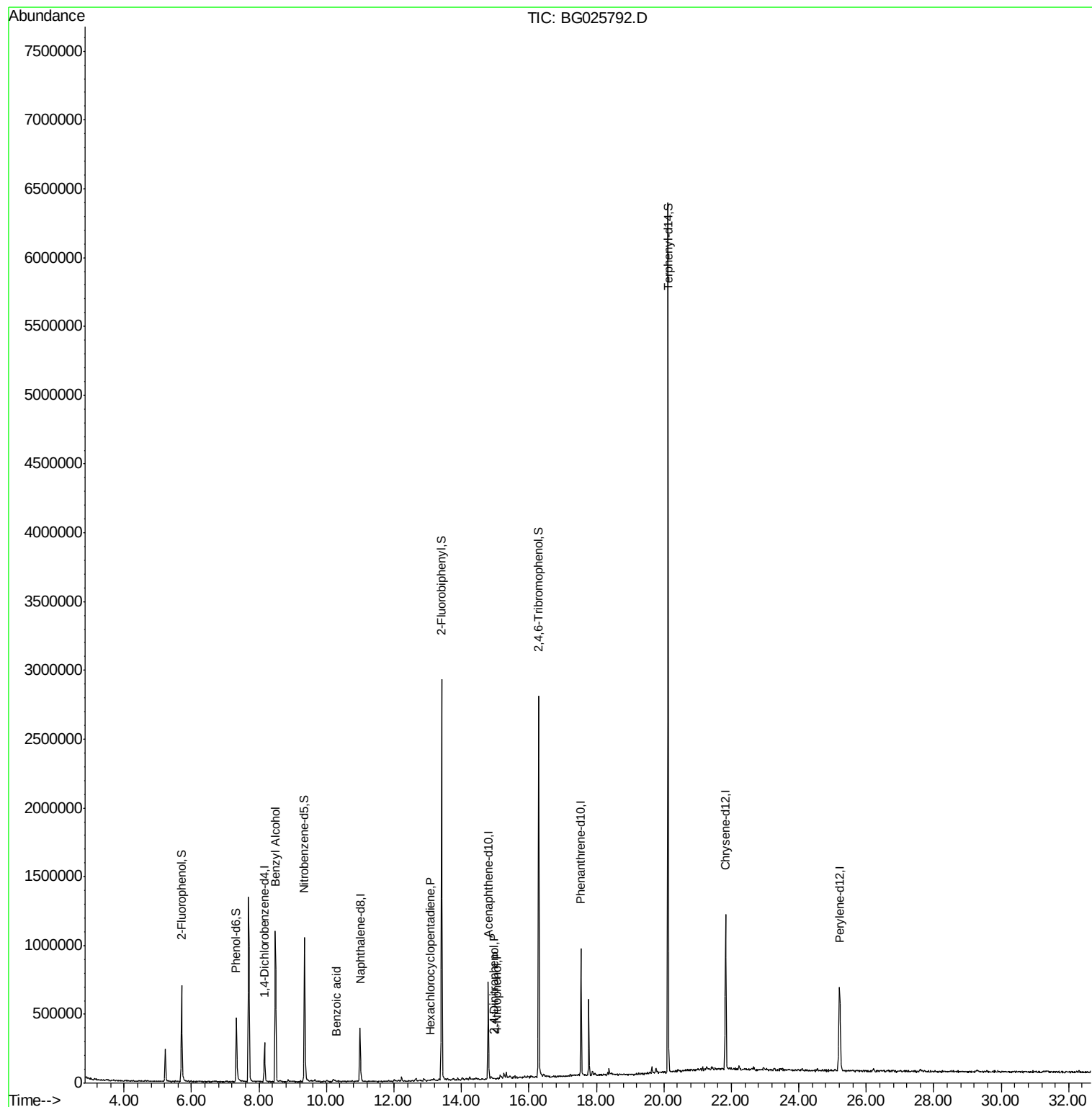
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	71846	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	325418	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	252746	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	571298	20.00	ng	0.00
75) Chrysene-d12	21.83	240	730450	20.00	ng	0.00
86) Perylene-d12	25.21	264	744329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	294202	73.39	ng	0.00
7) Phenol-d6	7.33	99	274669	46.91	ng	0.00
23) Nitrobenzene-d5	9.35	82	686170	89.09	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	508428	141.05	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1400942	90.02	ng	0.00
78) Terphenyl-d14	20.12	244	2436512	80.51	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	11200	2.21	ng	# 37
32) Benzoic acid	10.29	122	371	7.98	ng	# 1
40) Hexachlorocyclopentadiene	13.10	237	53	10.70	ng	# 29
53) 2,4-Dinitrophenol	14.96	184	95	9.47	ng	# 15
55) 4-Nitrophenol	15.04	139	201	5.64	ng	# 82

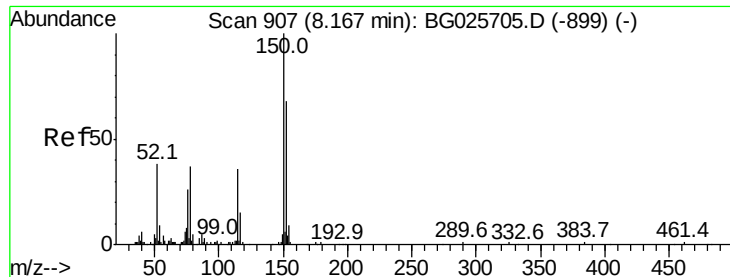
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Instrument :

BNA_G

ClientSampleId :

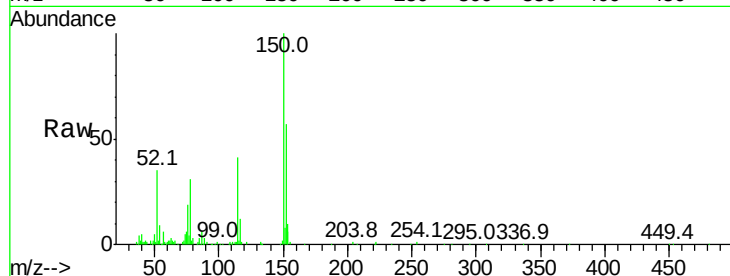
Tot Ion:152 Resp: 71846

Ion Ratio Lower Upper

152 100

150 176.5 114.0 171.0#

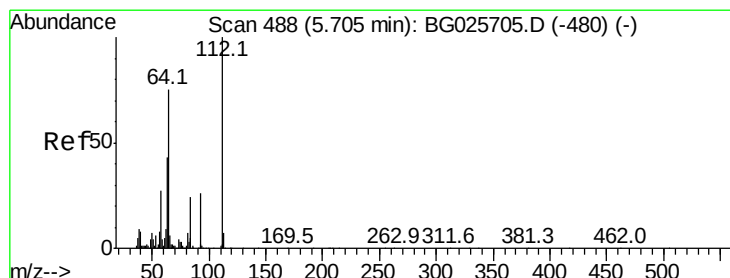
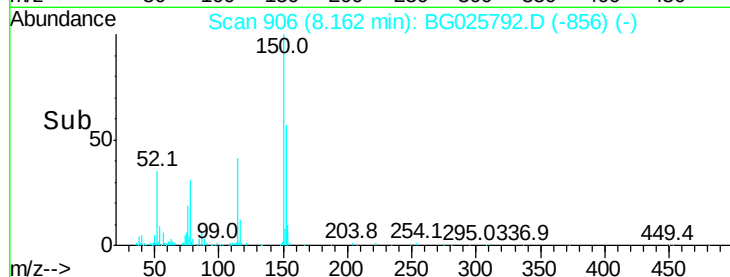
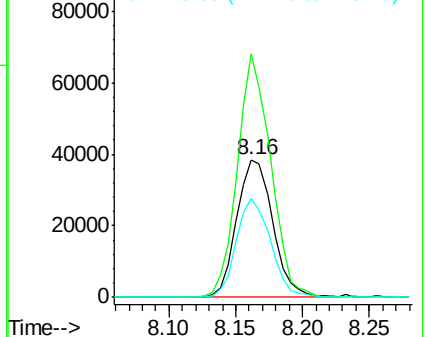
115 71.8 48.1 72.1



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



#5

2-Fluorophenol

Concen: 73.39 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

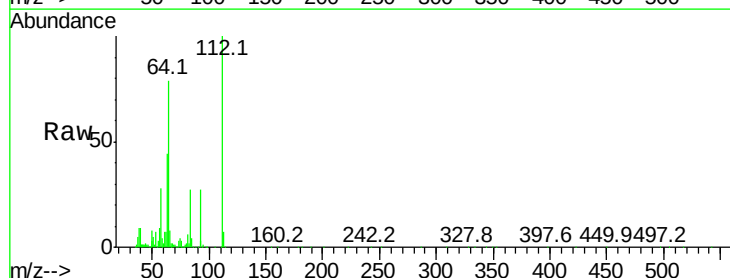
Tgt Ion:112 Resp: 294202

Ion Ratio Lower Upper

112 100

64 79.1 61.8 92.6

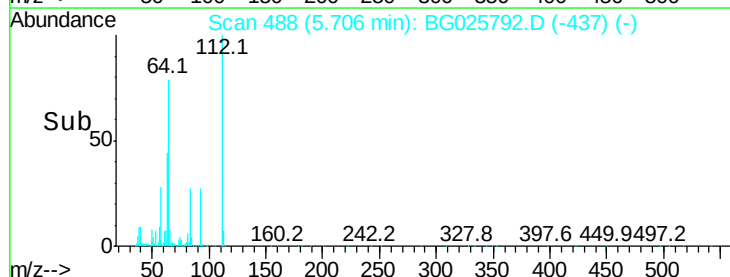
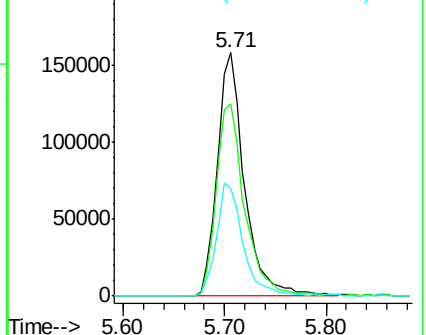
63 44.4 37.2 55.8

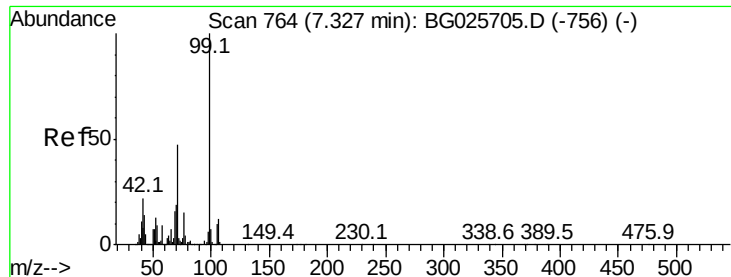


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 46.91 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Instrument :

BNA_G

ClientSampleId :

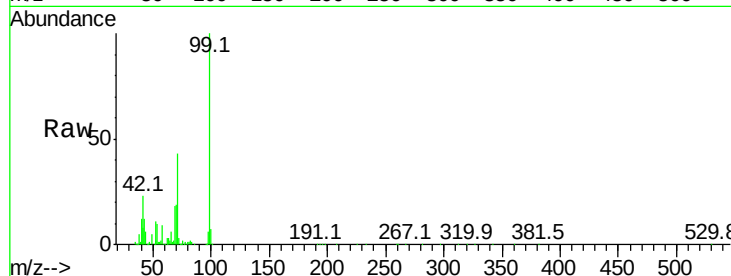
Tot Ion: 99 Resp: 274669

Ion Ratio Lower Upper

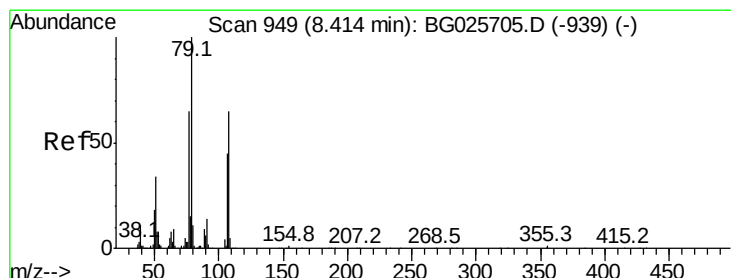
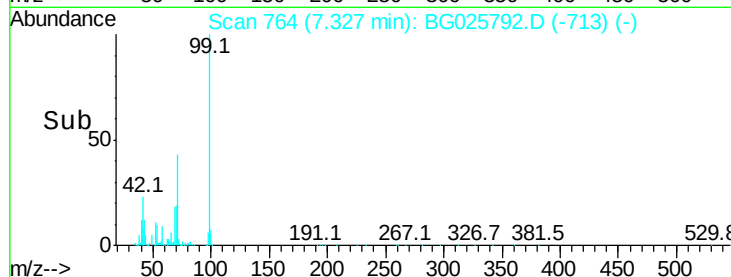
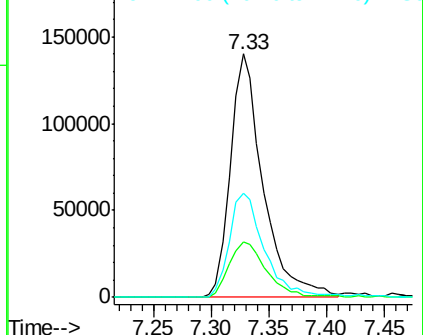
99 100

42 22.7 20.5 30.7

71 42.7 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 8.48 min Scan# 961

Delta R.T. 0.07 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

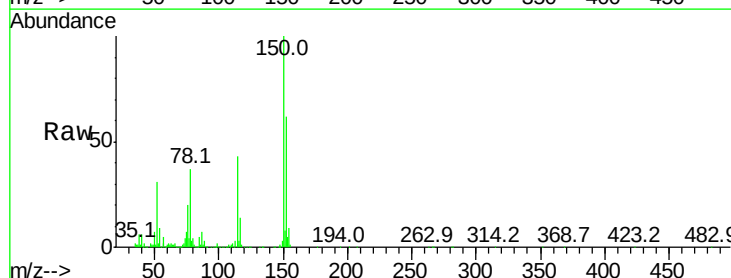
Tgt Ion: 79 Resp: 11200

Ion Ratio Lower Upper

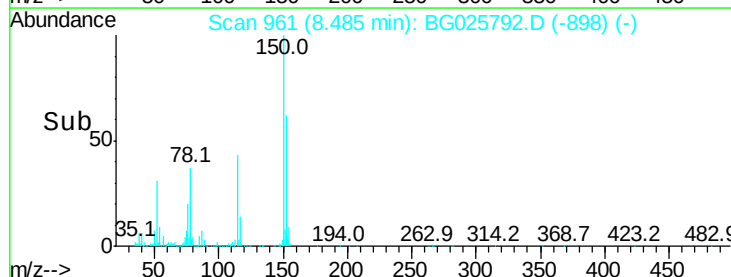
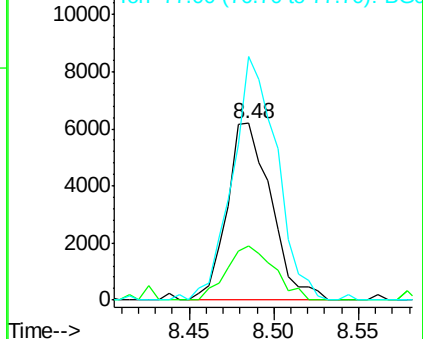
79 100

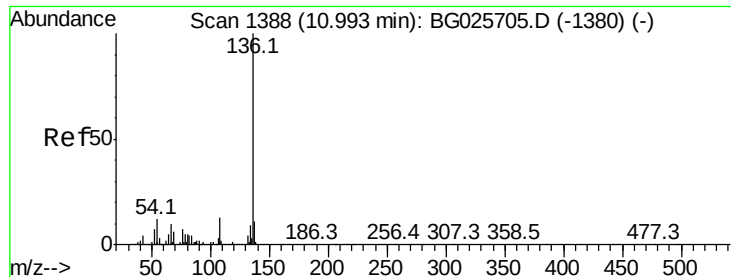
108 30.6 45.5 68.3#

77 137.8 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 325418

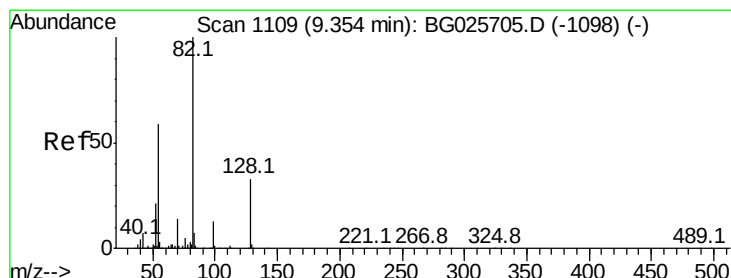
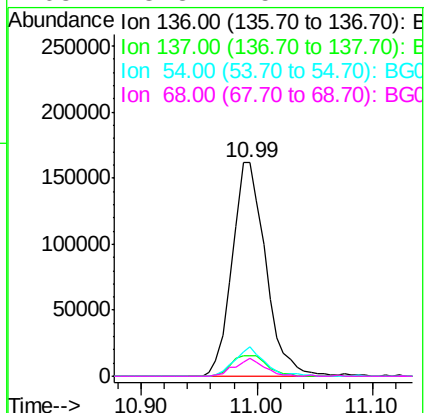
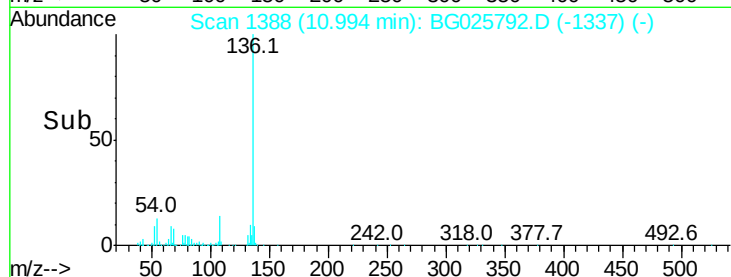
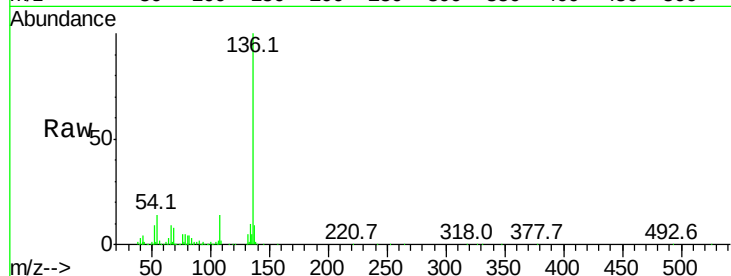
Ion Ratio Lower Upper

136 100

137 9.5 8.9 13.3

54 13.6 9.3 13.9

68 8.3 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 89.09 ng

RT: 9.35 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

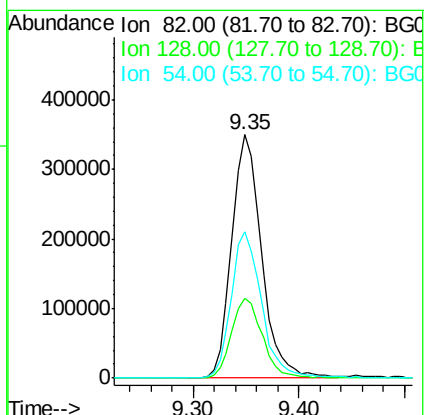
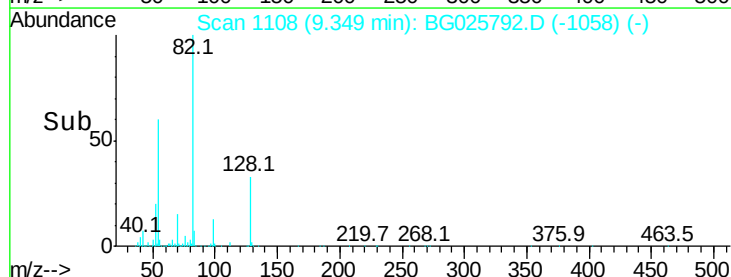
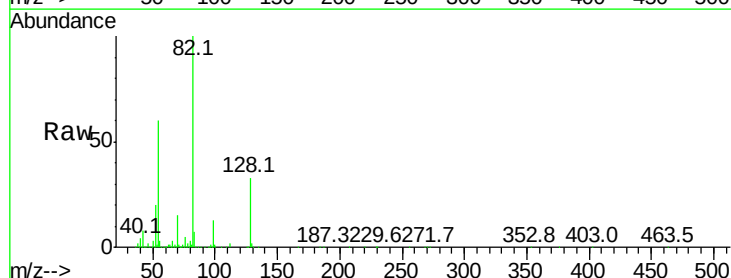
Tgt Ion: 82 Resp: 686170

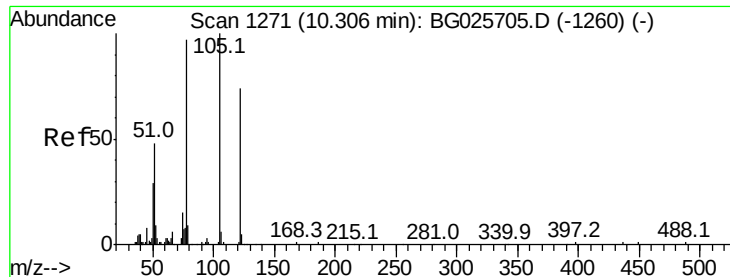
Ion Ratio Lower Upper

82 100

128 32.6 26.4 39.6

54 60.4 49.4 74.2

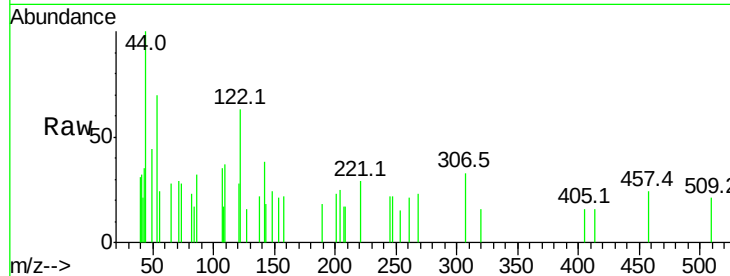




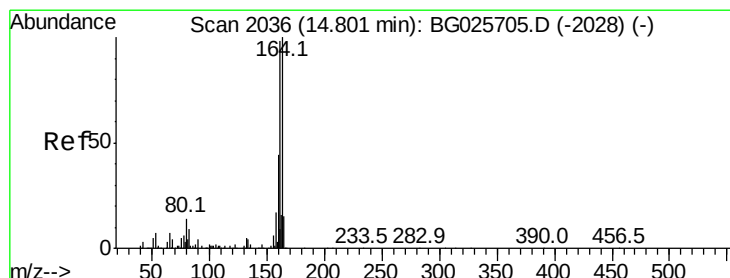
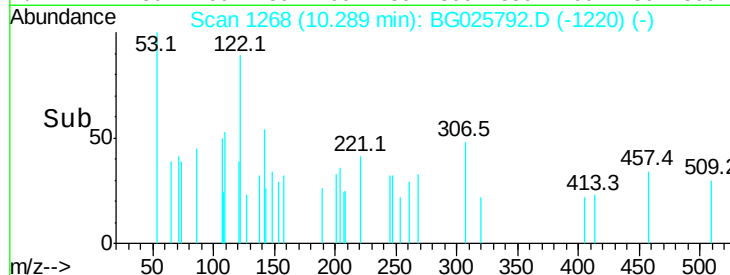
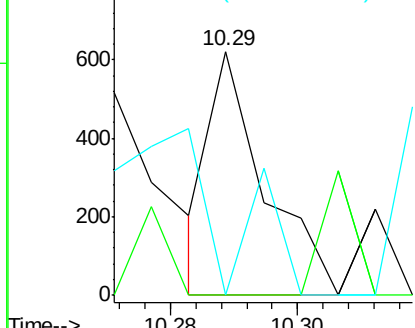
#32
Benzoic acid
Concen: 7.98 ng
RT: 10.29 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 371
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#

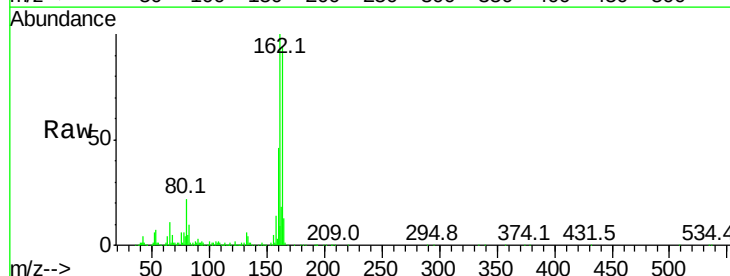


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

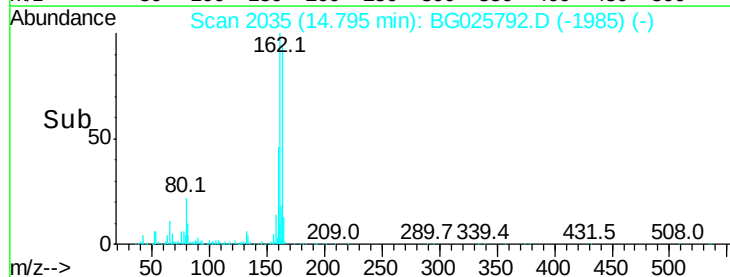
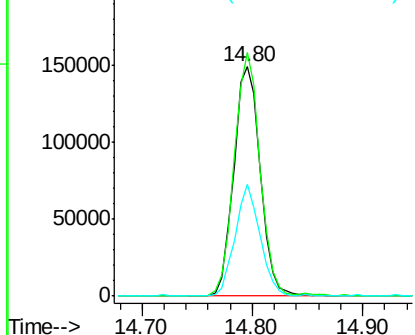


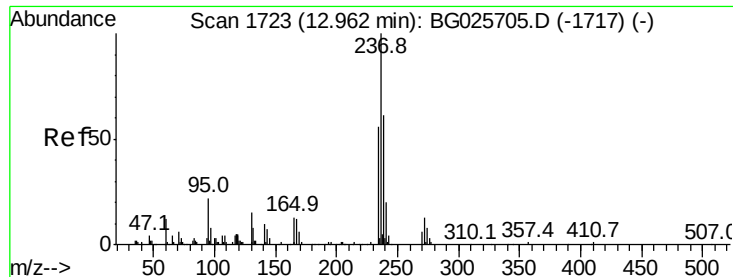
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Tgt Ion:164 Resp: 252746
Ion Ratio Lower Upper
164 100
162 106.2 85.1 127.7
160 48.9 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





#40

Hexachlorocyclopentadiene

Concen: 10.70 ng

RT: 13.10 min Scan# 1746

Delta R.T. 0.14 min

Lab File: BG025792.D

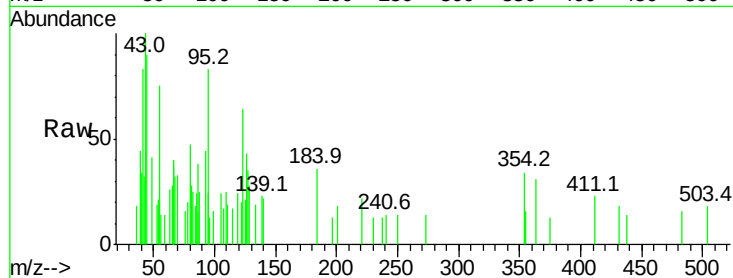
Acq: 3 Feb 2017 13:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	53
Ion Ratio	Lower	Upper	
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0

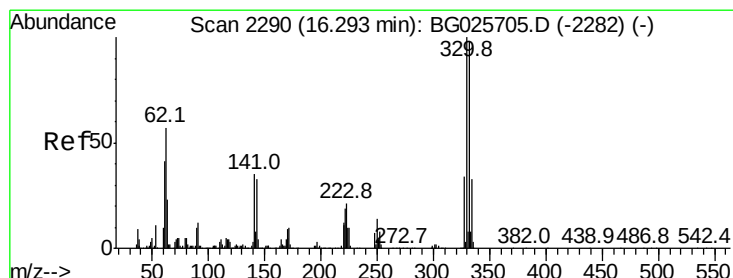
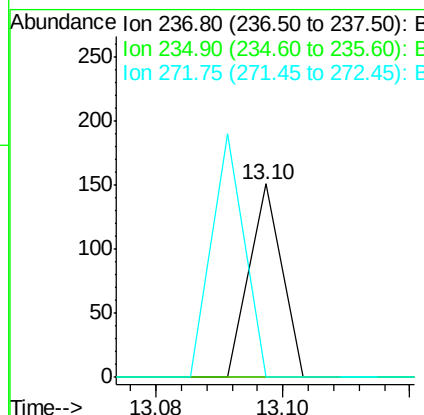
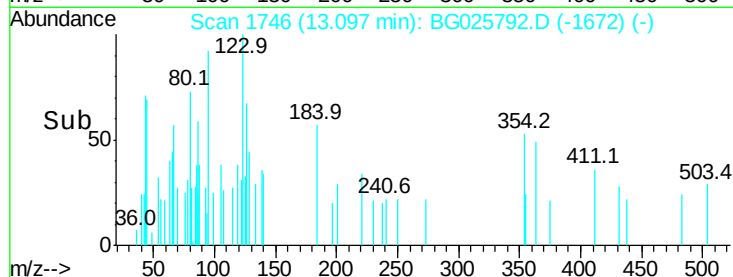


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->



#41

2,4,6-Tribromophenol

Concen: 141.05 ng

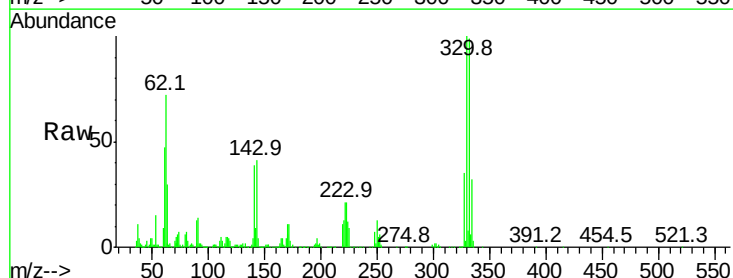
RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Tgt Ion:	330	Resp:	508428
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.3	115.9
141	38.8	32.1	48.1

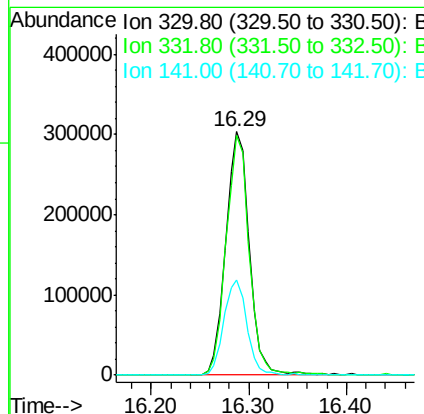
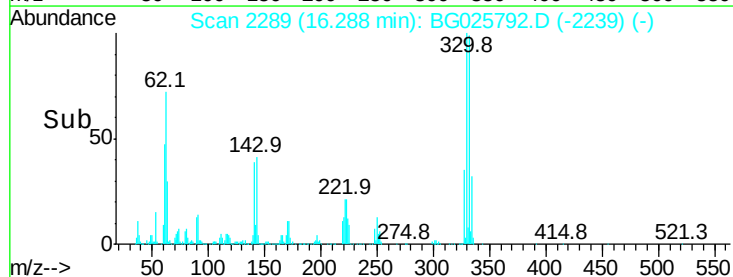


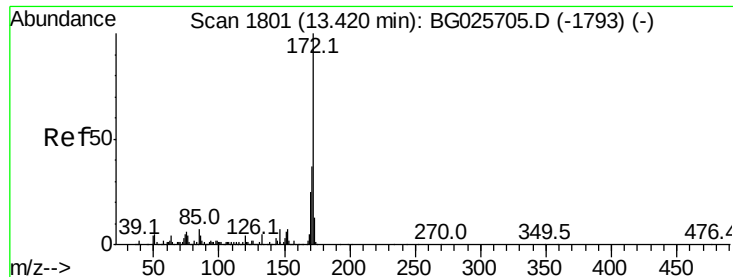
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#44

2-Fluorobiphenyl

Concen: 90.02 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

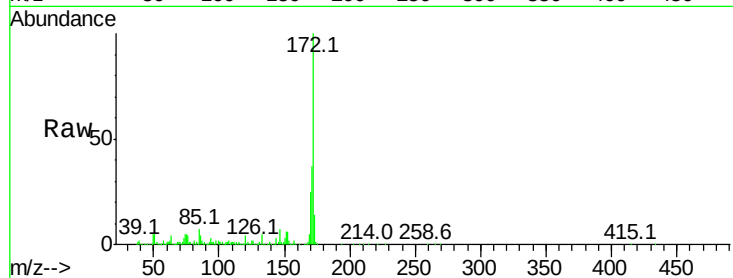
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1400942

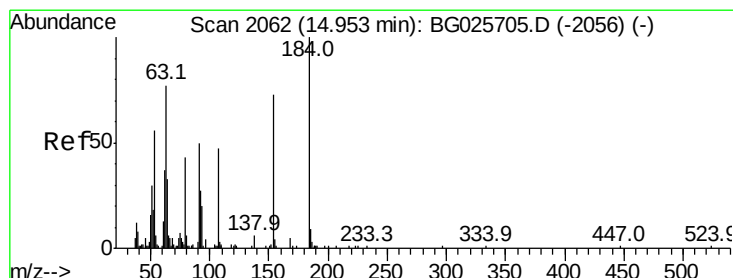
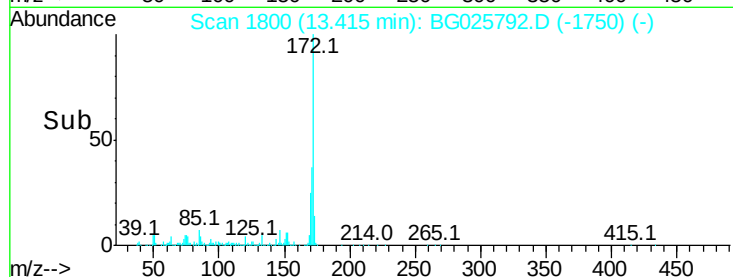
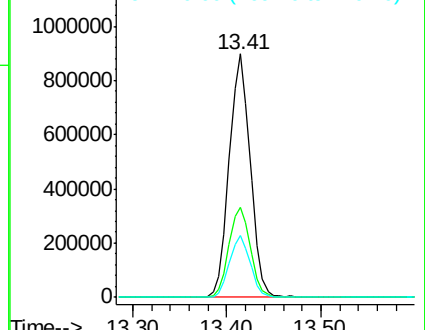
Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	25.4	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#53

2,4-Dinitrophenol

Concen: 9.47 ng

RT: 14.96 min Scan# 2063

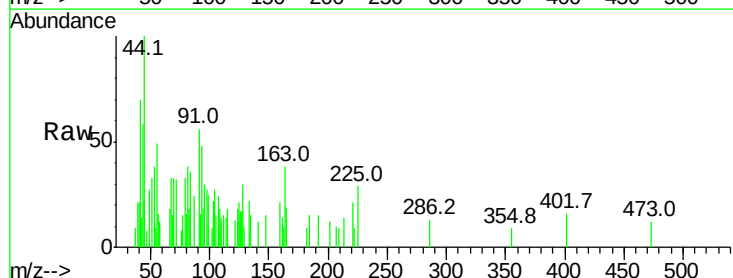
Delta R.T. 0.01 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Tgt Ion:184 Resp: 95

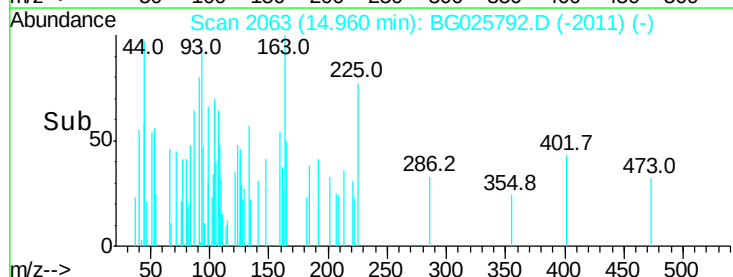
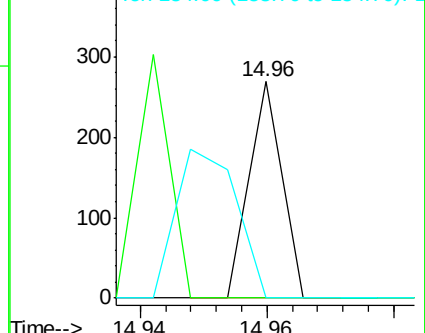
Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#

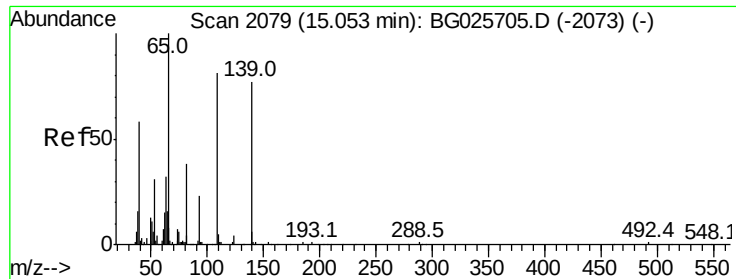


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 5.64 ng

RT: 15.04 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

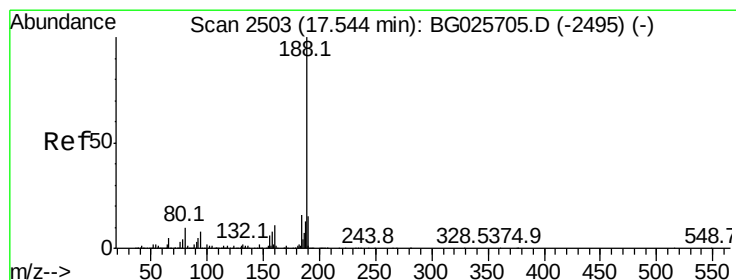
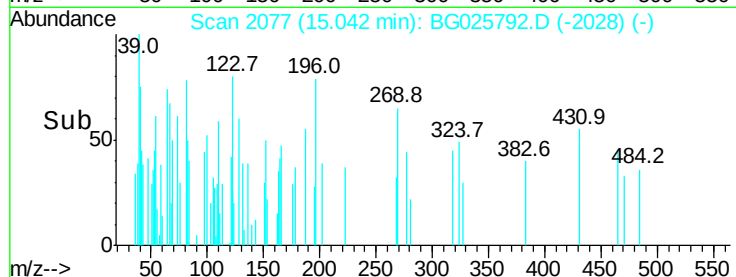
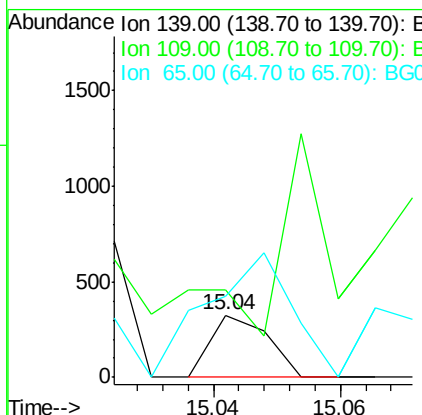
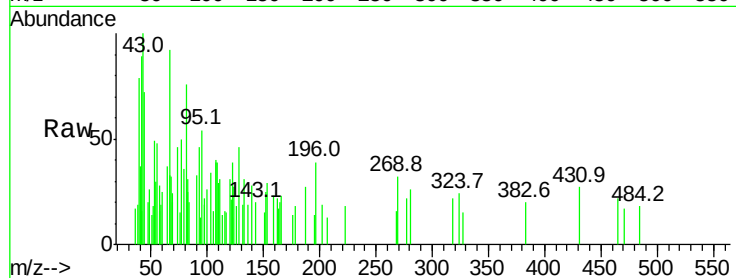
Instrument :

BNA_G

ClientSampled :

Tot Ion:139 Resp: 201

Ion	Ratio	Lower	Upper
139	100		
109	140.1	101.2	141.2
65	130.6	135.3	175.3#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

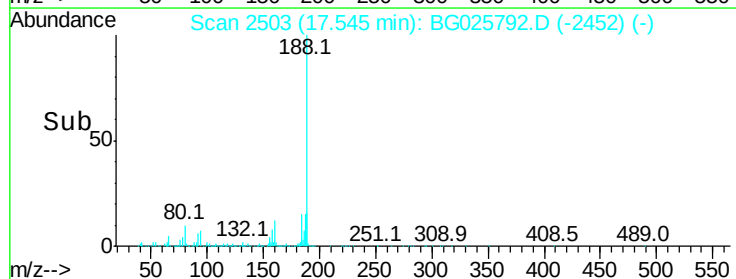
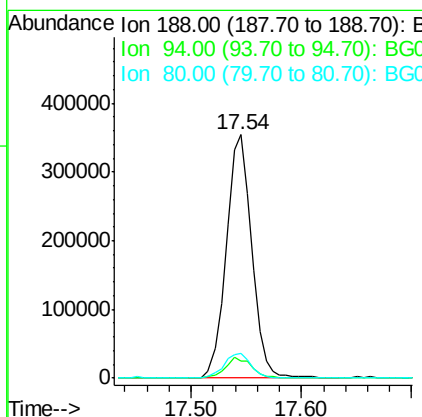
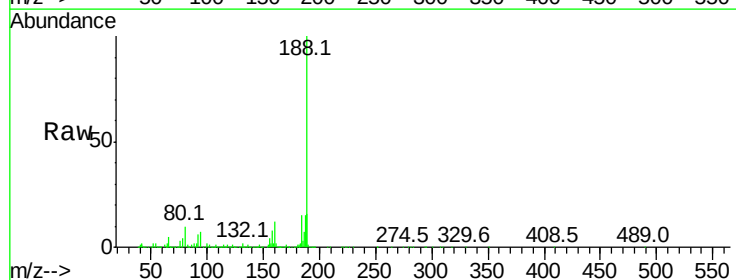
Delta R.T. 0.00 min

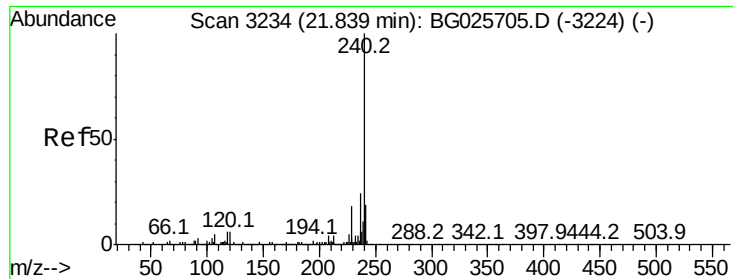
Lab File: BG025792.D

Acq: 3 Feb 2017 13:15

Tgt Ion:188 Resp: 571298

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	10.0	7.5	11.3

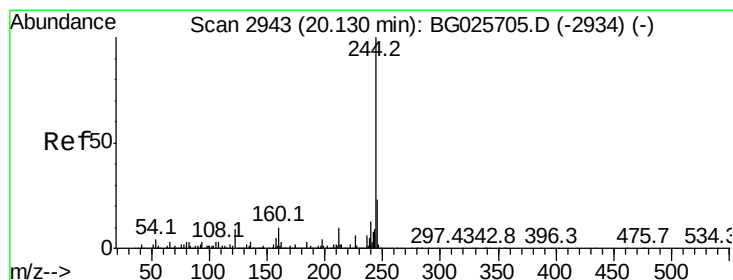
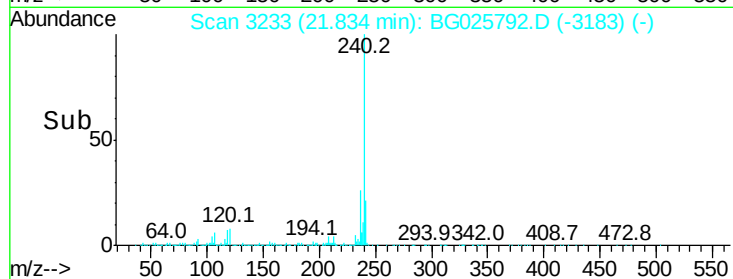
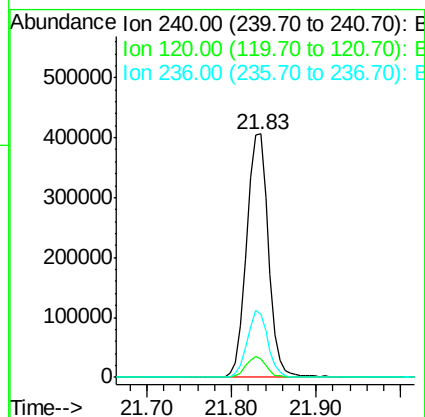
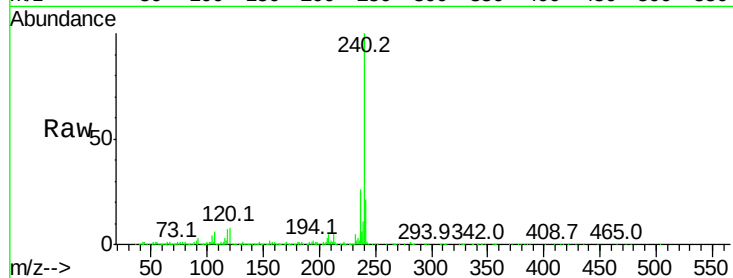




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3233
 Delta R.T. -0.01 min
 Lab File: BG025792.D
 Acq: 3 Feb 2017 13:15

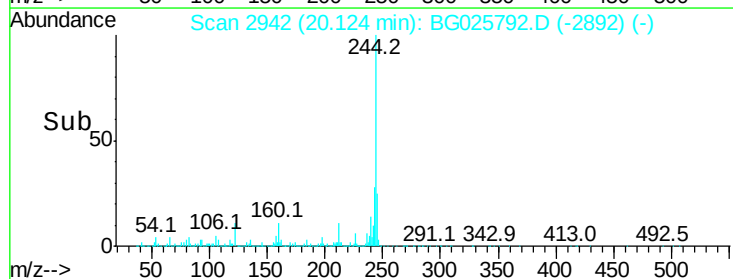
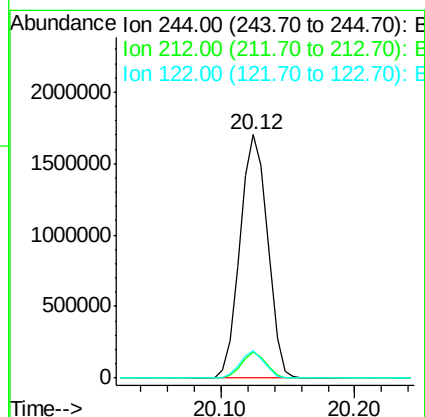
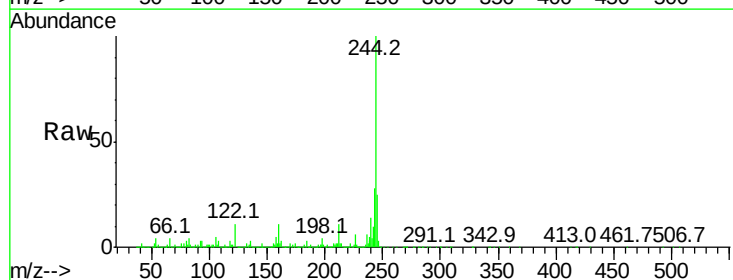
Instrument :
 BNA_G
 ClientSampleId :

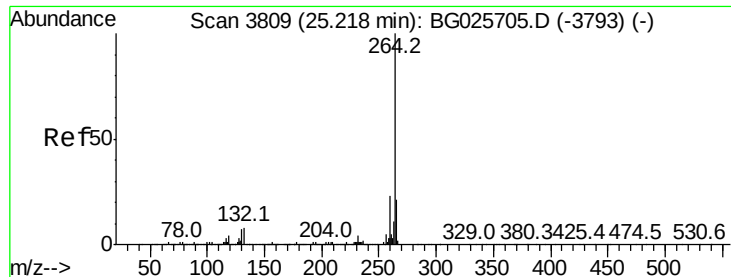
Tot Ion:240 Resp: 730450
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.7 8.5
 236 26.0 22.2 33.4



#78
 Terphenyl-d14
 Concen: 80.51 ng
 RT: 20.12 min Scan# 2942
 Delta R.T. -0.01 min
 Lab File: BG025792.D
 Acq: 3 Feb 2017 13:15

Tgt Ion:244 Resp: 2436512
 Ion Ratio Lower Upper
 244 100
 212 10.9 10.0 15.0
 122 11.4 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.01 min
Lab File: BG025792.D
Acq: 3 Feb 2017 13:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	20.7	18.2	27.4

