

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
 Data File : BG025815.D
 Acq On : 6 Feb 2017 23:22
 Operator : SJ/MA
 Sample : I1695-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2-11

Quant Time: Feb 07 01:24:13 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

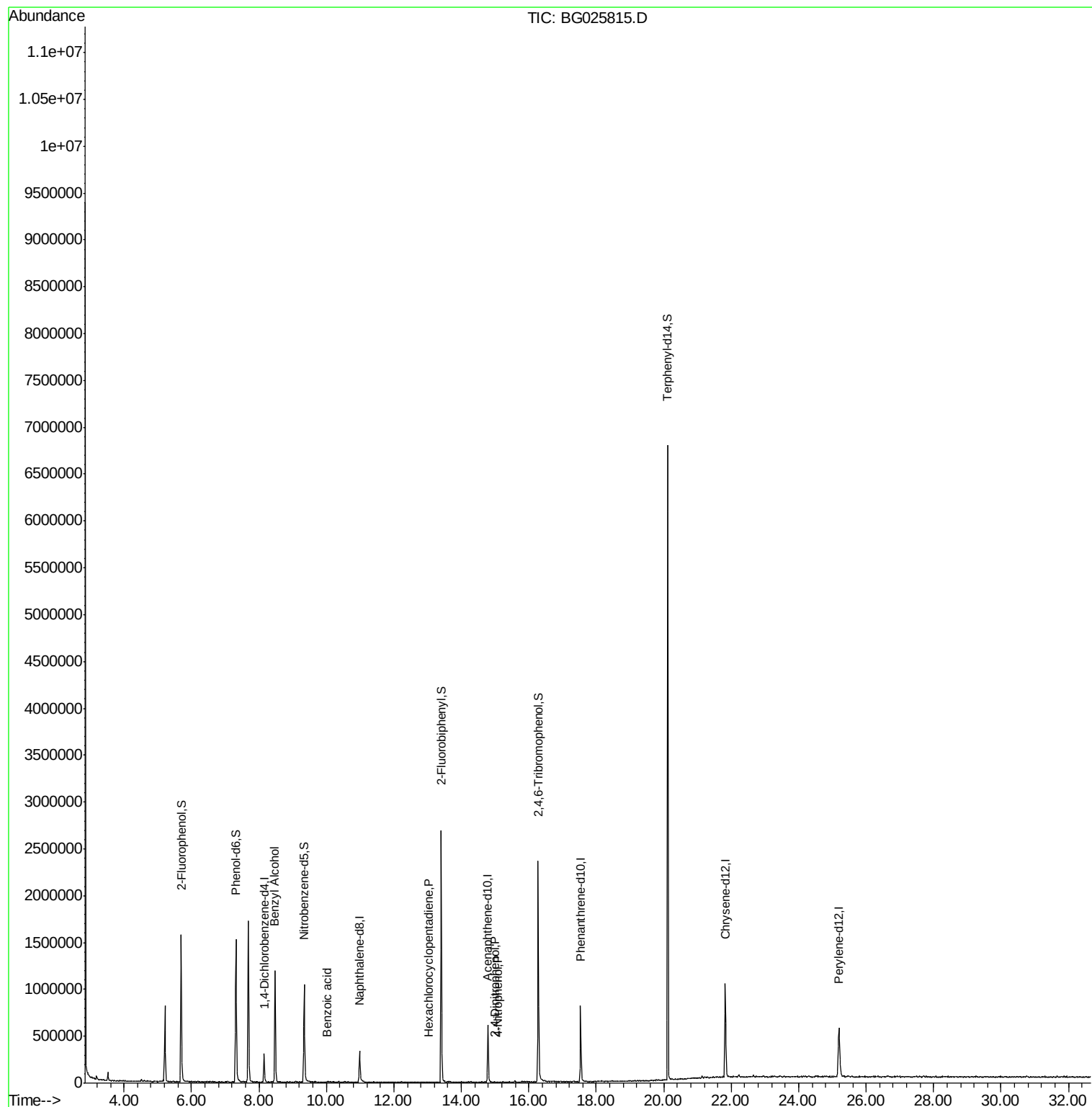
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	73383	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	306558	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	229679	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	531949	20.00	ng	0.00
75) Chrysene-d12	21.82	240	706752	20.00	ng	-0.01
86) Perylene-d12	25.20	264	669066	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	631208	154.16	ng	-0.01
7) Phenol-d6	7.32	99	819671	137.06	ng	0.00
23) Nitrobenzene-d5	9.34	82	706631	97.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	460336	140.54	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1334529	94.37	ng	-0.01
78) Terphenyl-d14	20.11	244	2579467	88.09	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.48	79	11064	2.14	ng	# 62
32) Benzoic acid	10.02	122	54	7.90	ng	# 1
40) Hexachlorocyclopentadiene	13.03	237	66	10.70	ng	# 29
53) 2,4-Dinitrophenol	15.01	184	118	9.49	ng	# 45
55) 4-Nitrophenol	15.07	139	56	5.60	ng	# 26

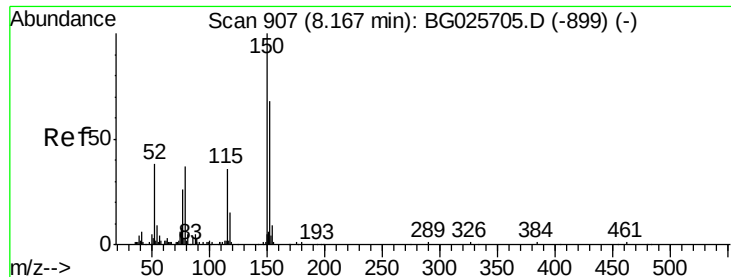
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

Instrument :

BNA_G

ClientSampleId :

B2-11

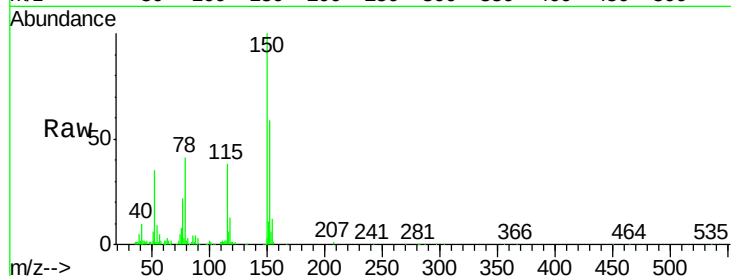
Tgt Ion:152 Resp: 73383

Ion Ratio Lower Upper

152 100

150 170.3 114.0 171.0

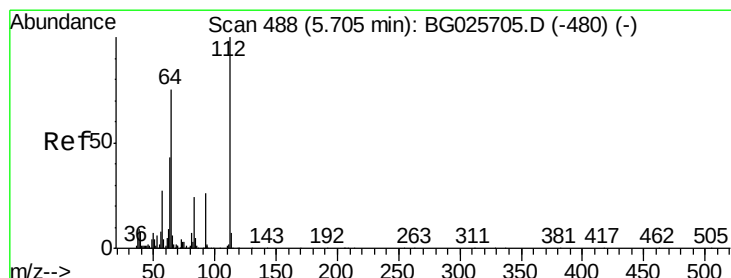
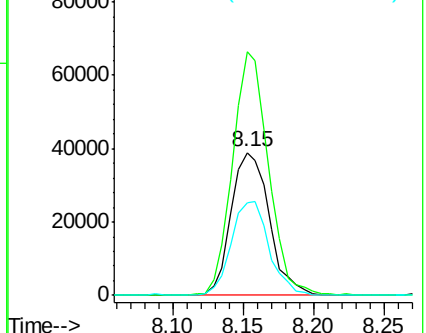
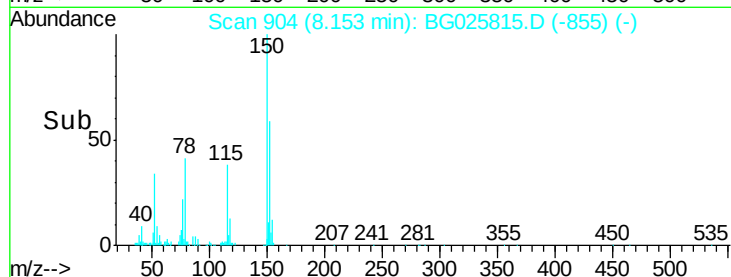
115 65.0 48.1 72.1



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: 154.16 ng

RT: 5.69 min Scan# 485

Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

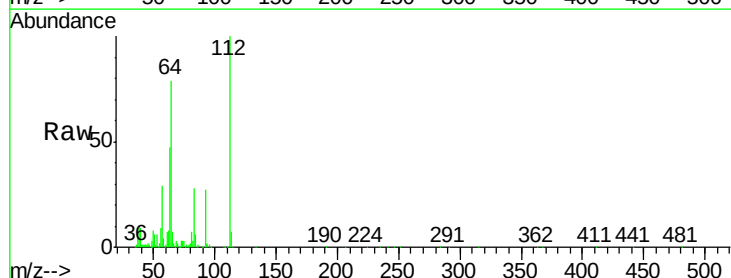
Tgt Ion:112 Resp: 631208

Ion Ratio Lower Upper

112 100

64 79.1 61.8 92.6

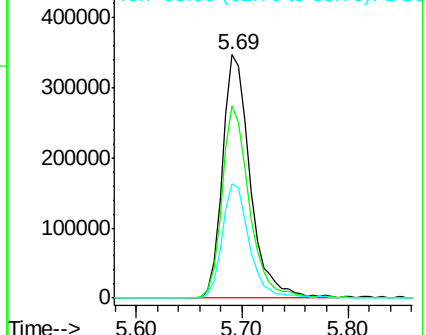
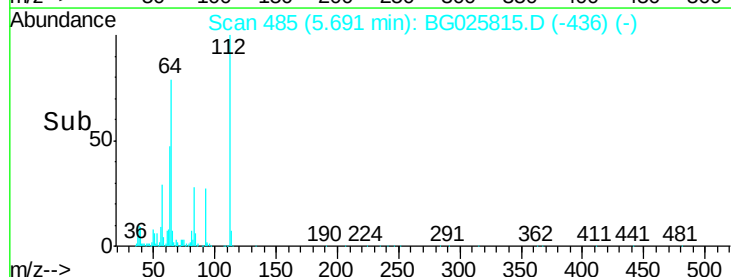
63 47.0 37.2 55.8

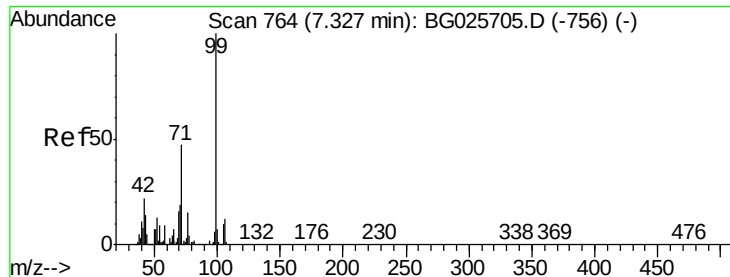


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.06 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

Instrument :

BNA_G

ClientSampled :

B2-11

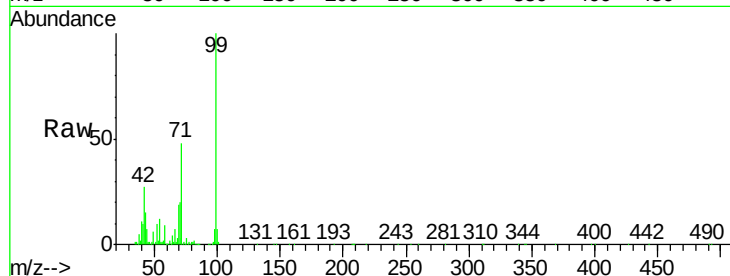
Tgt Ion: 99 Resp: 819671

Ion Ratio Lower Upper

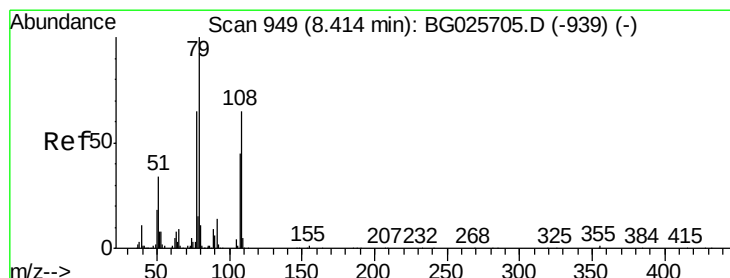
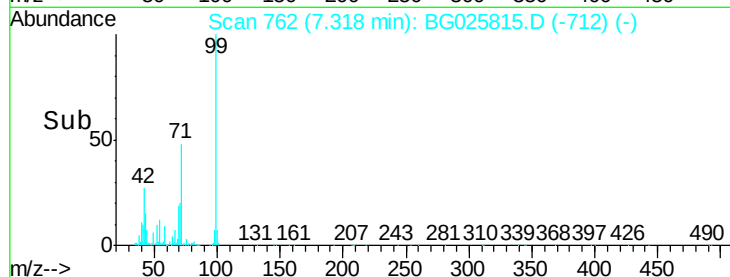
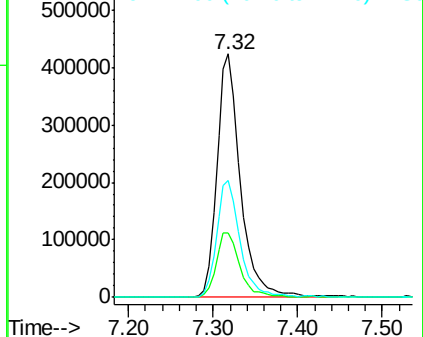
99 100

42 26.7 20.5 30.7

71 48.0 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: 2.14 ng

RT: 8.48 min Scan# 960

Delta R.T. 0.07 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

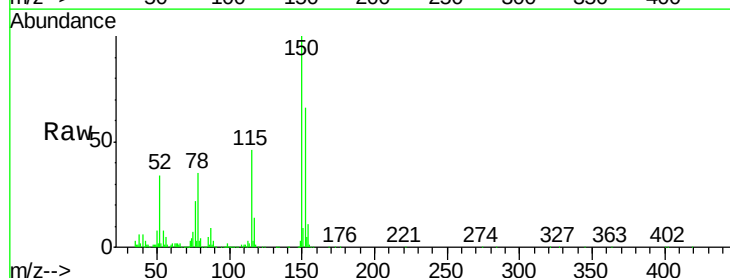
Tgt Ion: 79 Resp: 11064

Ion Ratio Lower Upper

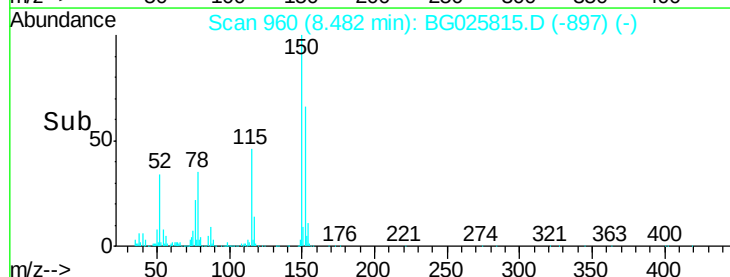
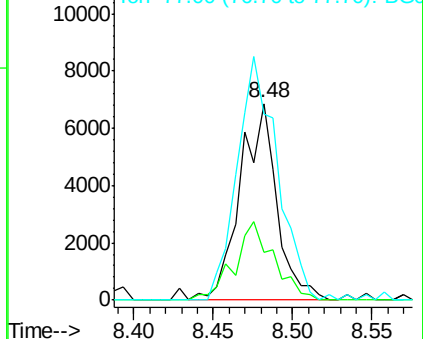
79 100

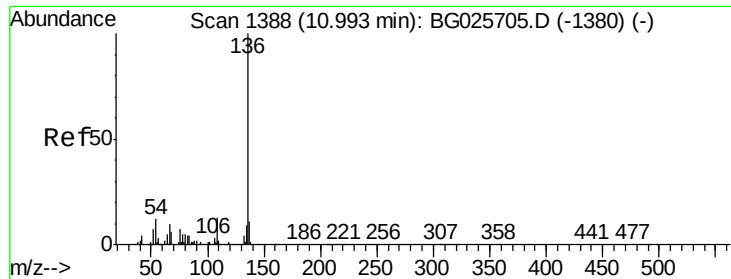
108 24.0 45.5 68.3#

77 94.4 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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

Instrument :

BNA_G

ClientSampleId :

B2-11

Tgt Ion:136 Resp: 306558

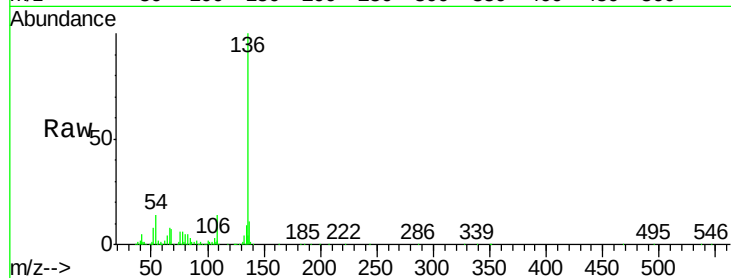
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 13.5 9.3 13.9

68 6.6 5.1 7.7

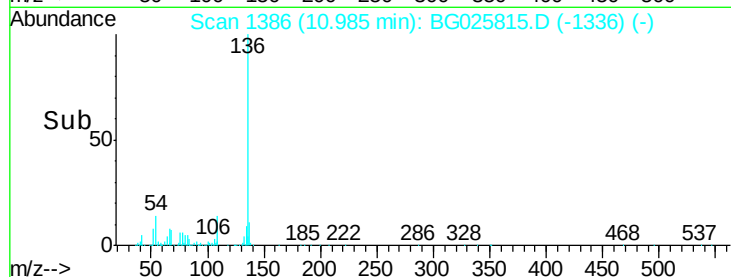


Abundance Ion 136.00 (135.70 to 136.70): E

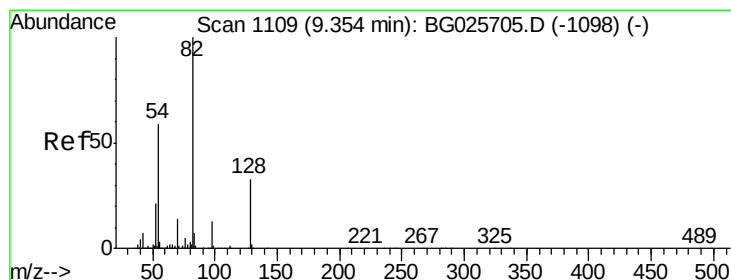
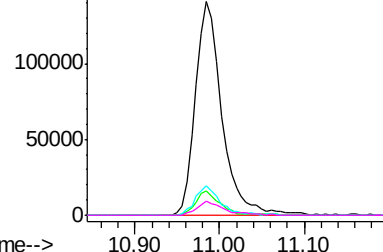
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#23

Nitrobenzene-d5

Concen: 97.39 ng

RT: 9.34 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

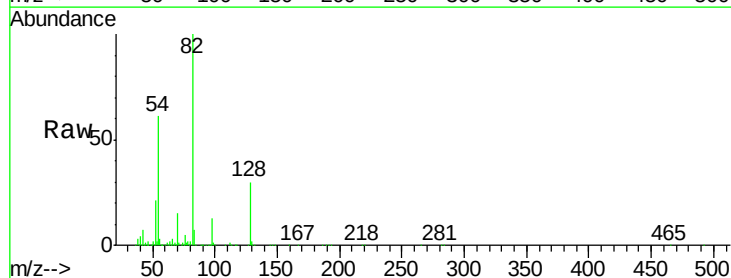
Tgt Ion: 82 Resp: 706631

Ion Ratio Lower Upper

82 100

128 29.9 26.4 39.6

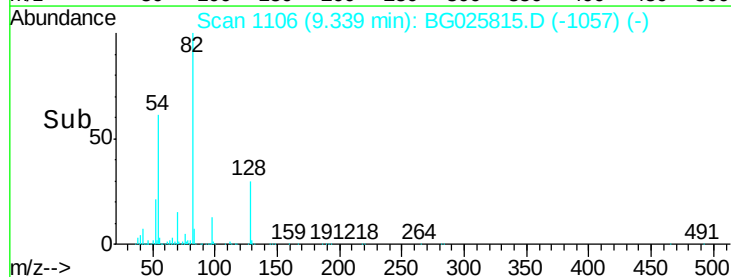
54 61.5 49.4 74.2



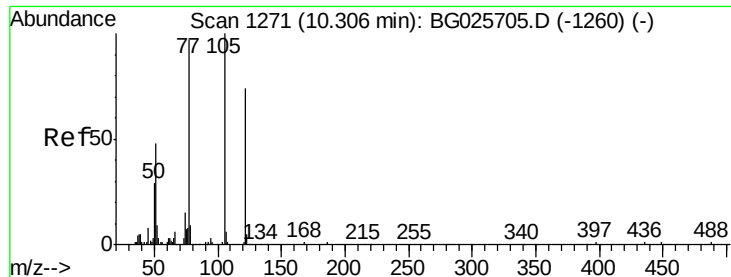
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Time-->



#32

Benzoic acid

Concen: 7.90 ng

RT: 10.02 min Scan# 1221

Delta R.T. -0.29 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

Instrument :

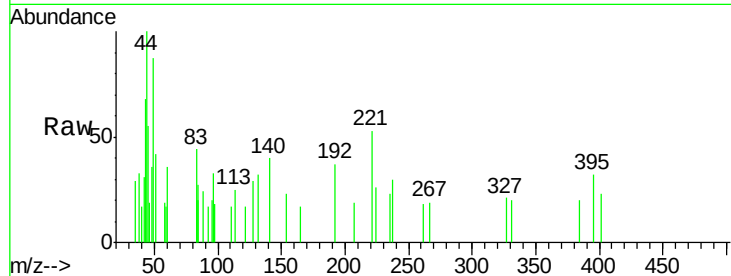
BNA_G

ClientSampleID :

B2-11

Tgt Ion:122 Resp: 54

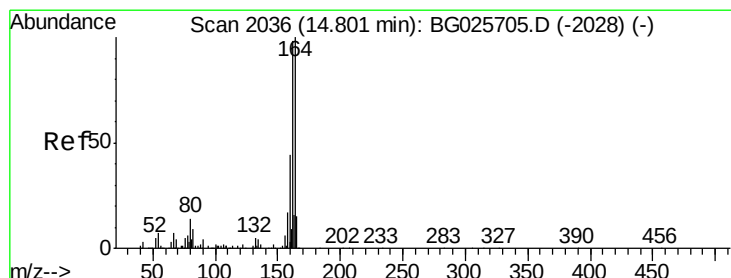
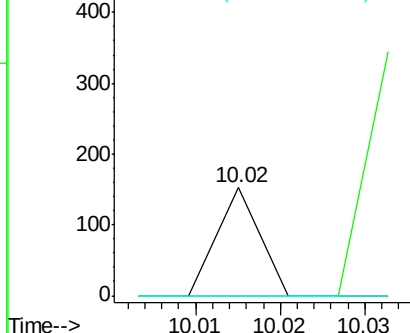
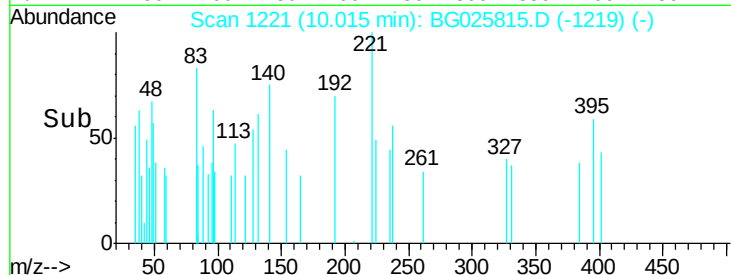
Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



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: 14.79 min Scan# 2033

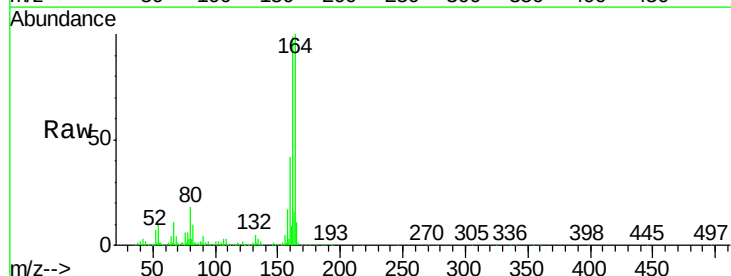
Delta R.T. -0.01 min

Lab File: BG025815.D

Acq: 6 Feb 2017 23:22

Tgt Ion:164 Resp: 229679

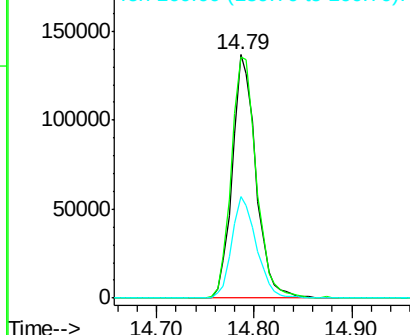
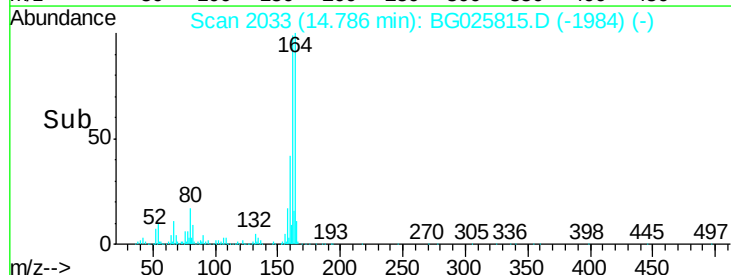
Ion	Ratio	Lower	Upper
164	100		
162	99.1	85.1	127.7
160	41.9	34.7	52.1

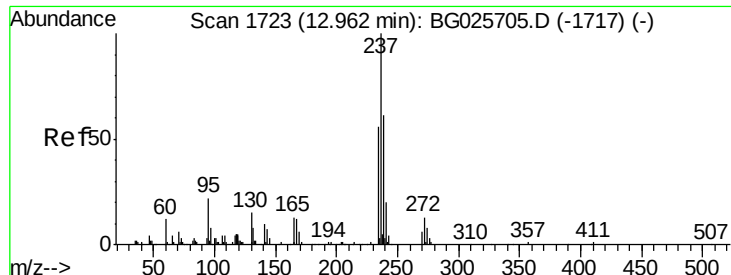


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

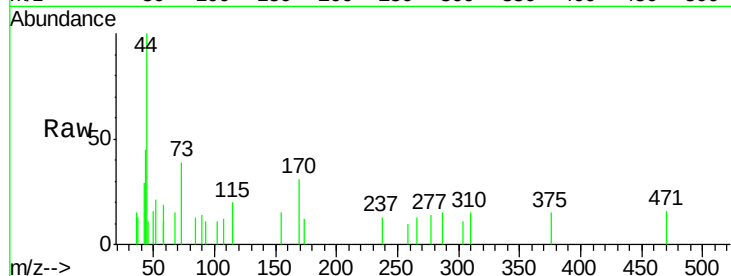




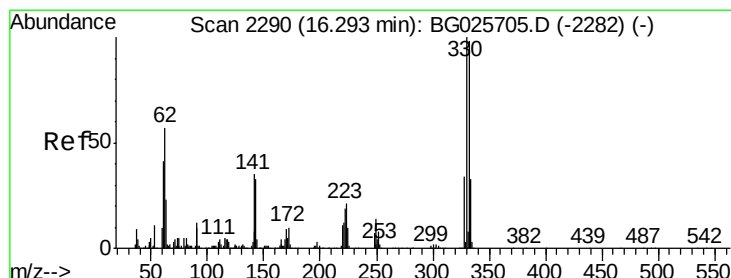
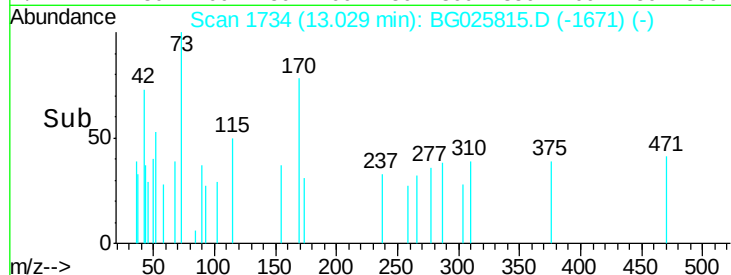
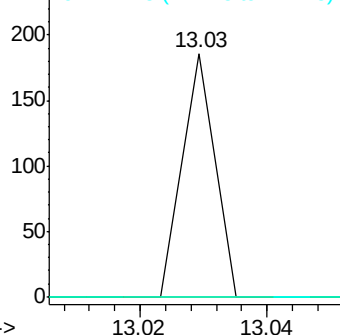
#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 13.03 min Scan# 1734
Delta R.T. 0.07 min
Lab File: BG025815.D
Acq: 6 Feb 2017 23:22

Instrument :
BNA_G
ClientSampled :
B2-11

Tgt Ion: 237 Resp: 66
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

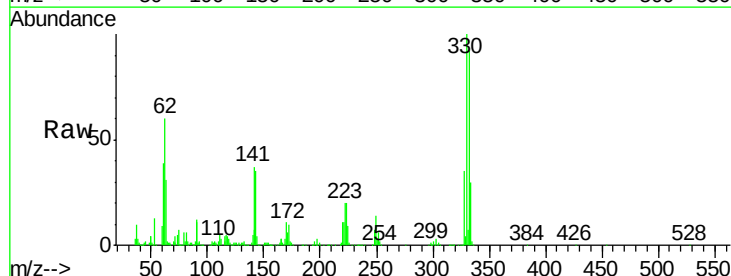


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

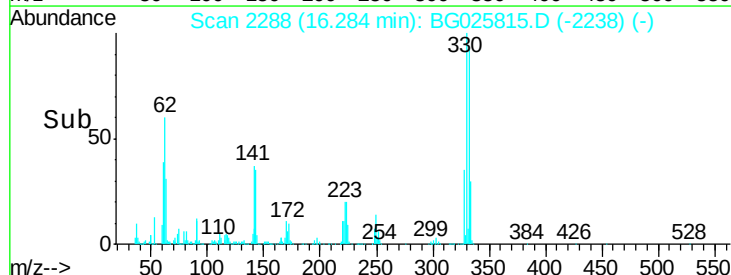
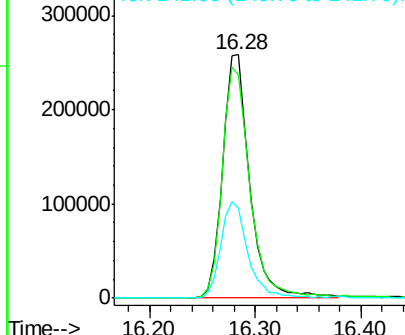


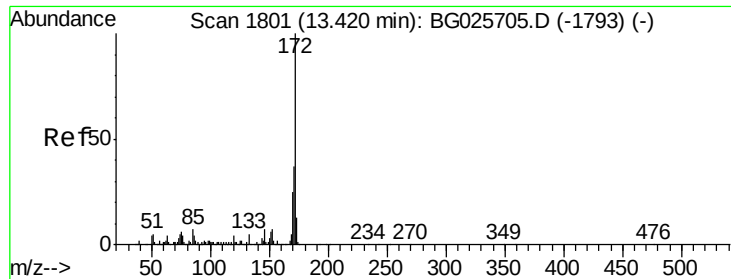
#41
2,4,6-Tribromophenol
Concen: 140.54 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG025815.D
Acq: 6 Feb 2017 23:22

Tgt Ion: 330 Resp: 460336
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 39.9 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

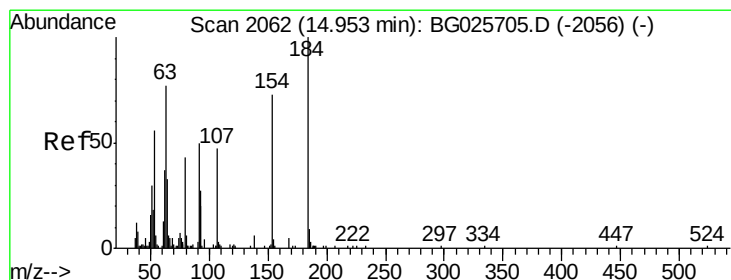
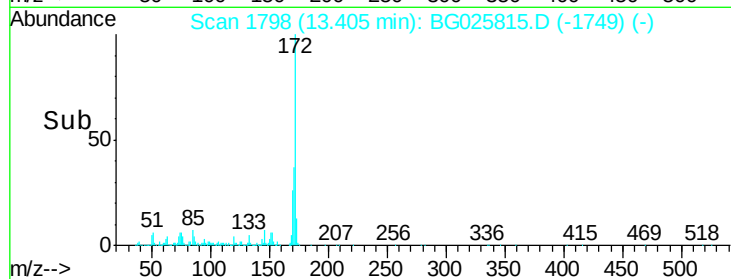
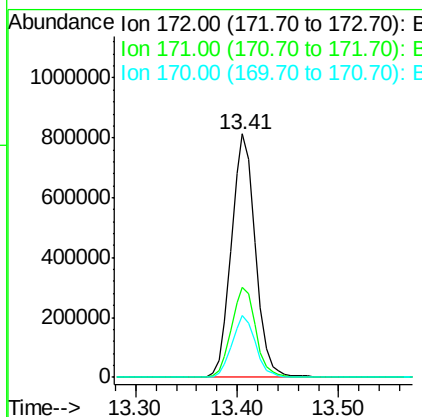
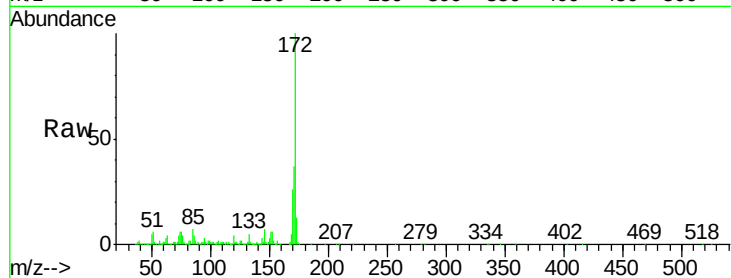




#44
 2-Fluorobiphenyl
 Concen: 94.37 ng
 RT: 13.41 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG025815.D
 Acq: 6 Feb 2017 23:22

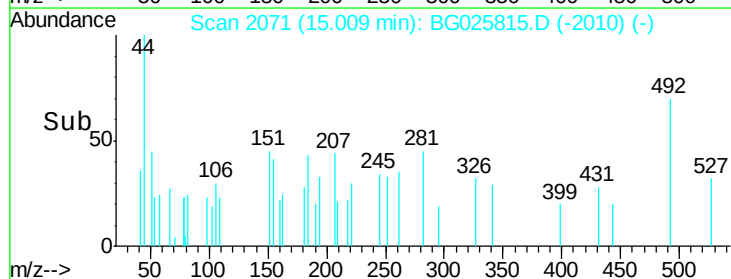
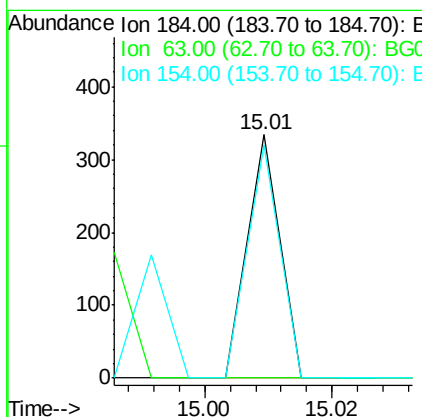
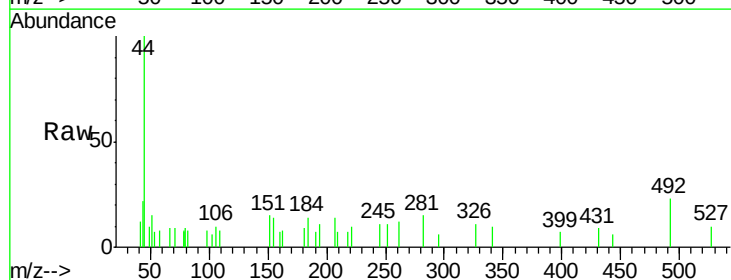
Instrument :
 BNA_G
 ClientSampleId :
 B2-11

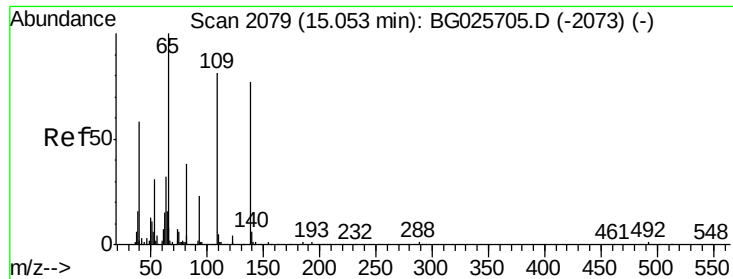
Tgt Ion:172 Resp: 1334529
 Ion Ratio Lower Upper
 172 100
 171 36.7 32.2 48.2
 170 25.7 21.8 32.6



#53
 2,4-Dinitrophenol
 Concen: 9.49 ng
 RT: 15.01 min Scan# 2071
 Delta R.T. 0.06 min
 Lab File: BG025815.D
 Acq: 6 Feb 2017 23:22

Tgt Ion:184 Resp: 118
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 96.1 57.3 85.9#

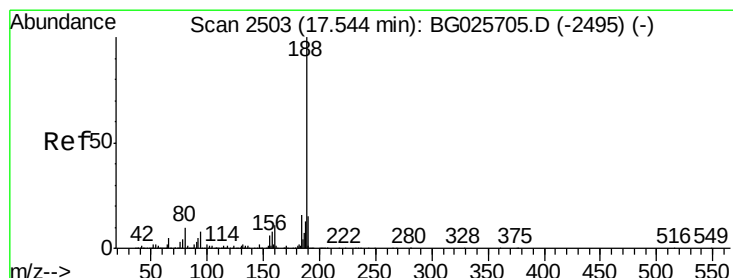
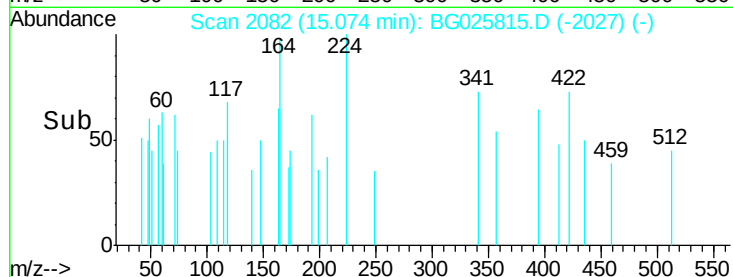
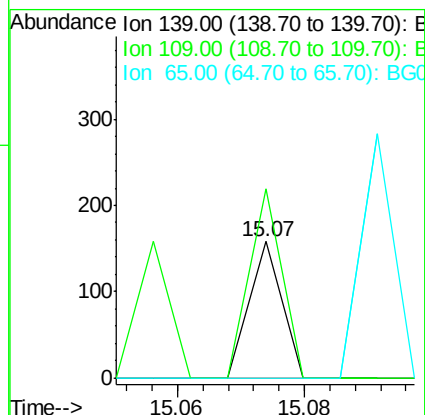
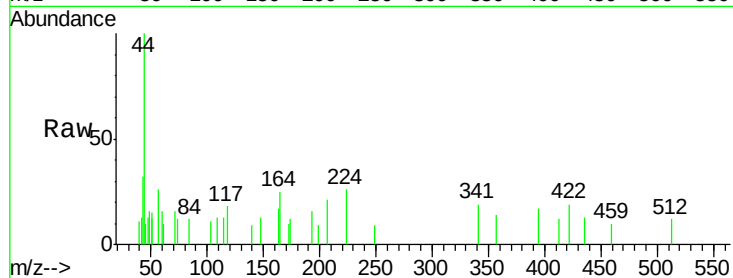




#55
4-Nitrophenol
Concen: 5.60 ng
RT: 15.07 min Scan# 2082
Delta R.T. 0.02 min
Lab File: BG025815.D
Acq: 6 Feb 2017 23:22

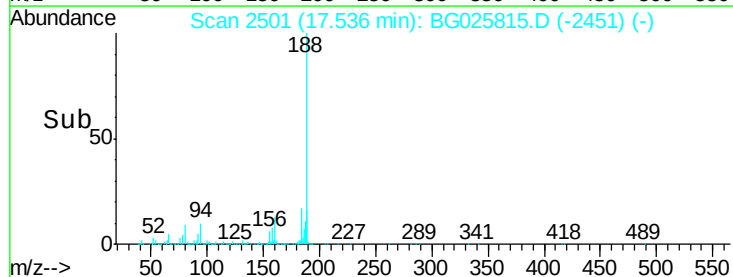
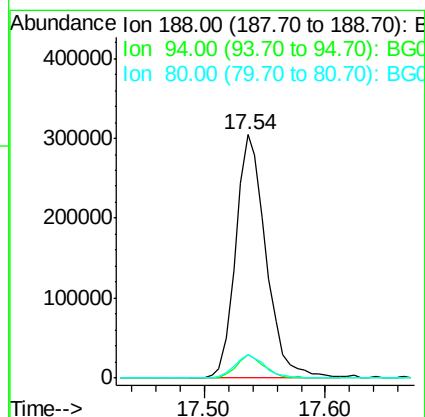
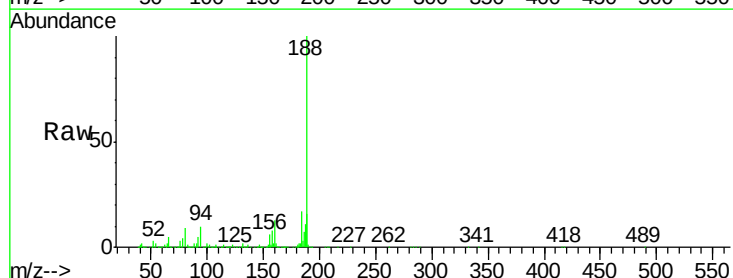
Instrument :
BNA_G
ClientSampled :
B2-11

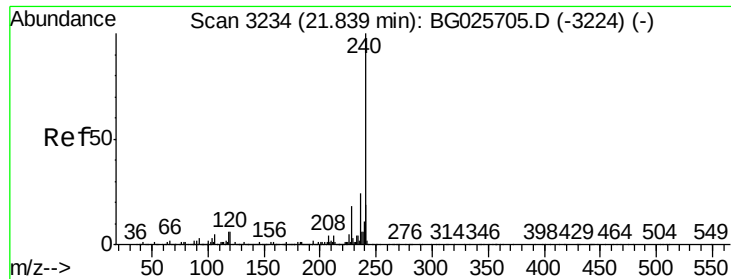
Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 139.2 101.2 141.2
65 0.0 135.3 175.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG025815.D
Acq: 6 Feb 2017 23:22

Tgt Ion:188 Resp: 531949
Ion Ratio Lower Upper
188 100
94 9.5 5.8 8.8#
80 9.5 7.5 11.3

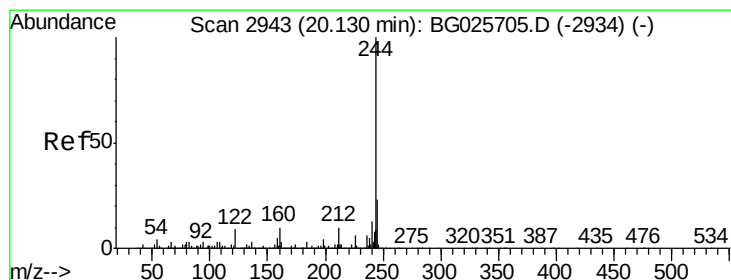
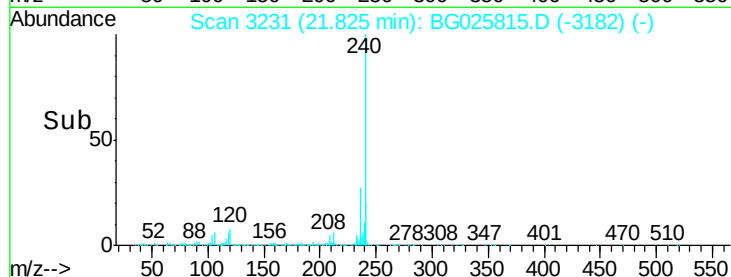
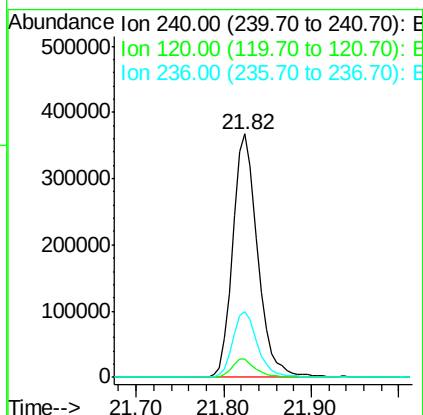
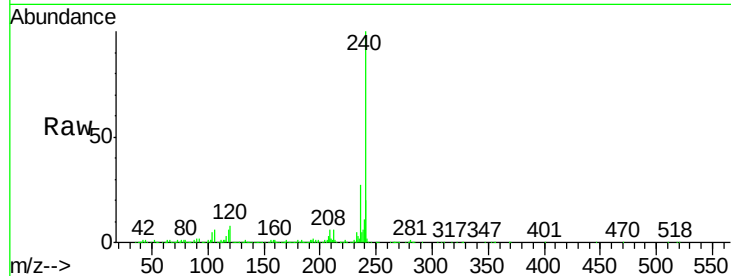




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG025815.D
Acq: 6 Feb 2017 23:22

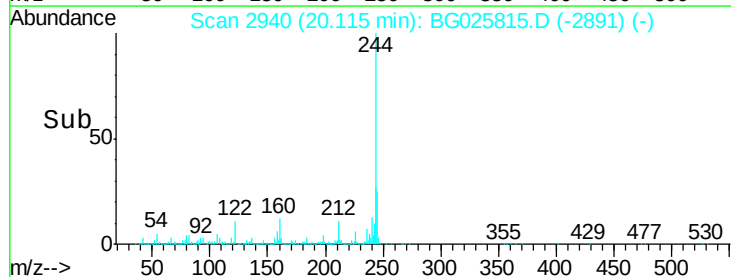
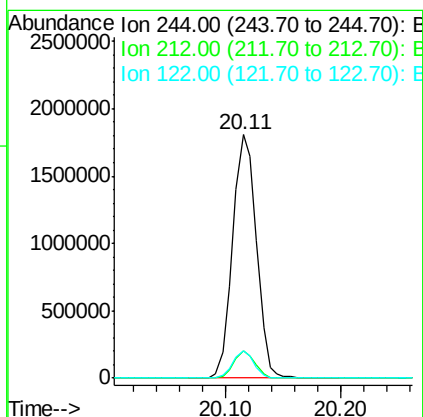
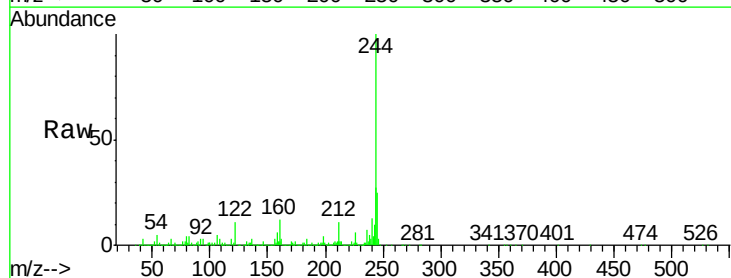
Instrument :
BNA_G
ClientSampled :
B2-11

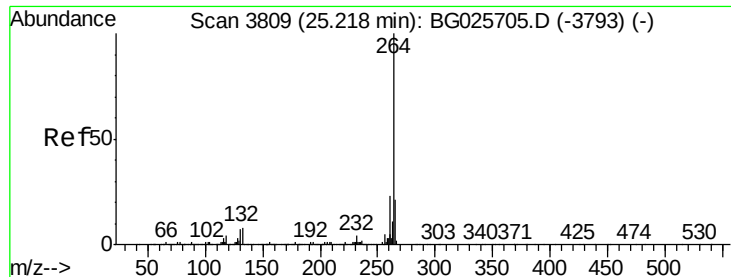
Tgt Ion:240 Resp: 706752
Ion Ratio Lower Upper
240 100
120 7.6 5.7 8.5
236 27.0 22.2 33.4



#78
Terphenyl-d14
Concen: 88.09 ng
RT: 20.11 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BG025815.D
Acq: 6 Feb 2017 23:22

Tgt Ion:244 Resp: 2579467
Ion Ratio Lower Upper
244 100
212 11.0 10.0 15.0
122 11.1 8.6 12.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3805
 Delta R.T. -0.02 min
 Lab File: BG025815.D
 Acq: 6 Feb 2017 23:22

Instrument :
 BNA_G
 ClientSampleId :
 B2-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	20.9	18.2	27.4

