

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
 Data File : BG025816.D
 Acq On : 7 Feb 2017 00:01
 Operator : SJ/MA
 Sample : I1697-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B10-B17-001

Quant Time: Feb 07 01:24:33 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

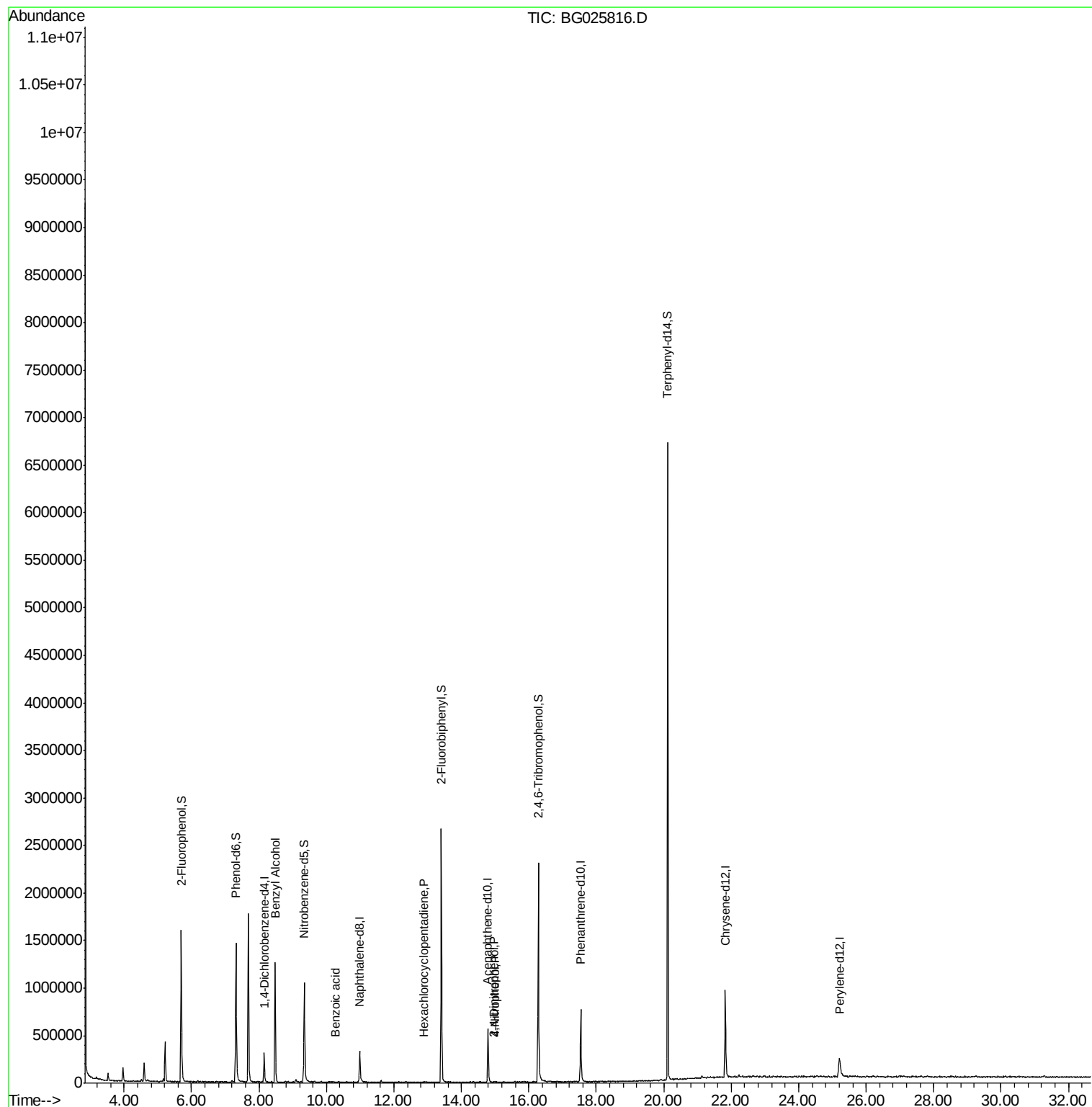
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	69568	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	294839	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	213081	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	515553	20.00	ng	0.00
75) Chrysene-d12	21.82	240	617884	20.00	ng	-0.02
86) Perylene-d12	25.21	264	135345	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	631178	162.60	ng	-0.01
7) Phenol-d6	7.32	99	822578	145.09	ng	0.00
23) Nitrobenzene-d5	9.34	82	707896	101.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	448435	147.57	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1346309	102.62	ng	-0.01
78) Terphenyl-d14	20.12	244	2554644	99.79	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.48	79	11876	2.42	ng	# 52
32) Benzoic acid	10.27	122	82	7.91	ng	# 1
40) Hexachlorocyclopentadiene	12.90	237	81	10.71	ng	# 29
53) 2,4-Dinitrophenol	14.96	184	83	9.47	ng	# 15
55) 4-Nitrophenol	15.00	139	62	5.60	ng	# 1

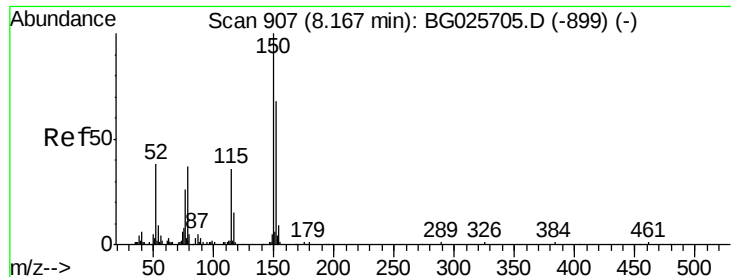
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

Instrument :

BNA_G

ClientSampleId :

WC-B10-B17-001

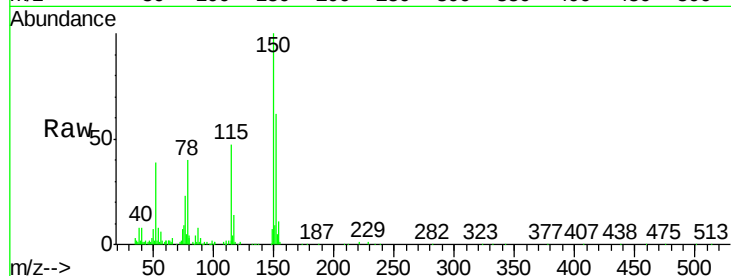
Tgt Ion:152 Resp: 69568

Ion Ratio Lower Upper

152 100

150 160.1 114.0 171.0

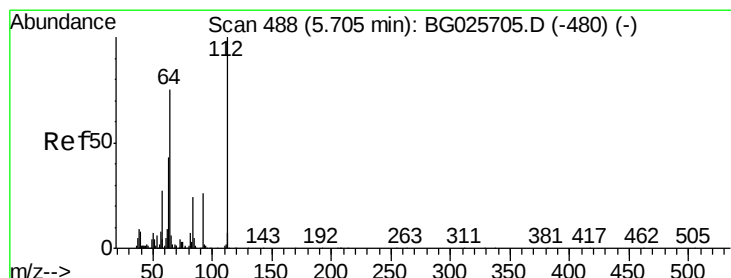
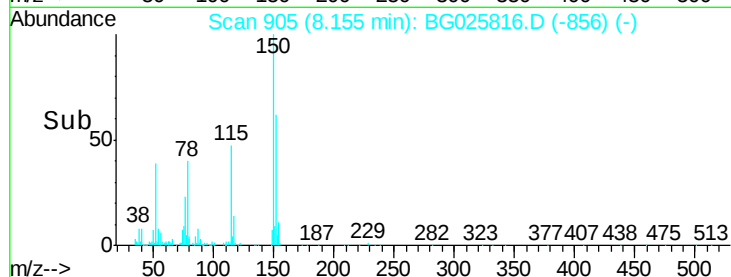
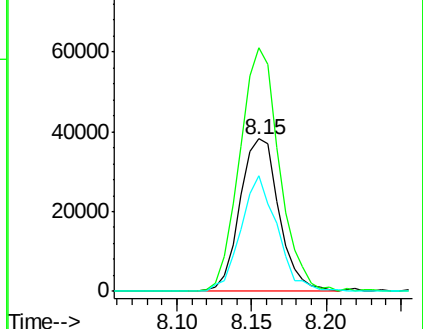
115 75.7 48.1 72.1#



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: 162.60 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

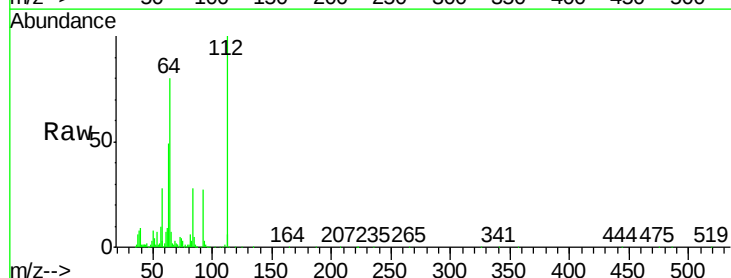
Tgt Ion:112 Resp: 631178

Ion Ratio Lower Upper

112 100

64 80.4 61.8 92.6

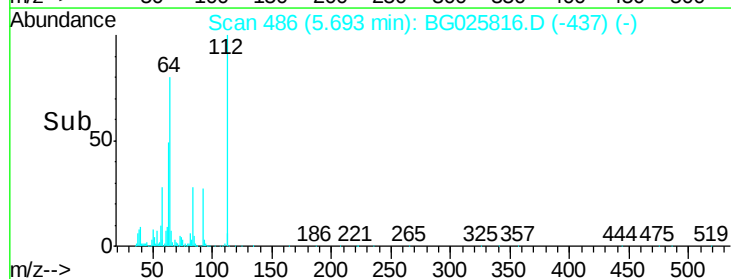
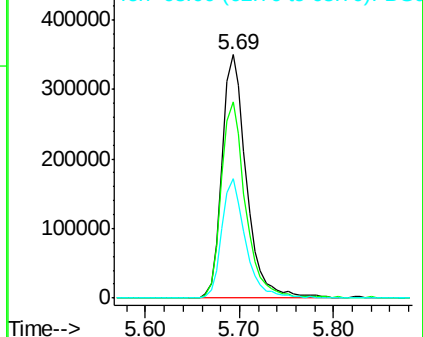
63 49.0 37.2 55.8



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: 145.09 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

Instrument :

BNA_G

ClientSampleId :

WC-B10-B17-001

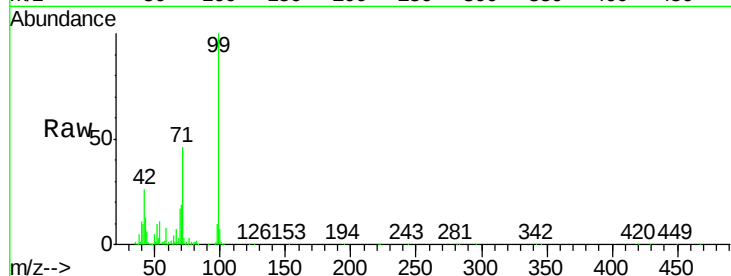
Tgt Ion: 99 Resp: 822578

Ion Ratio Lower Upper

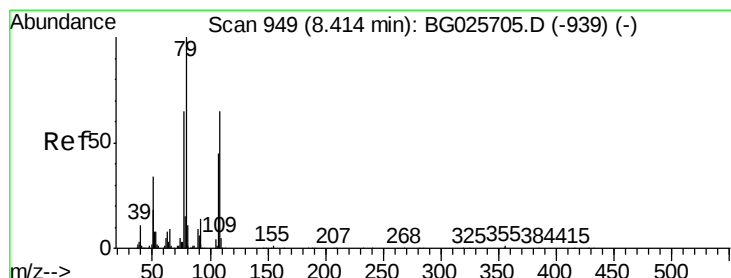
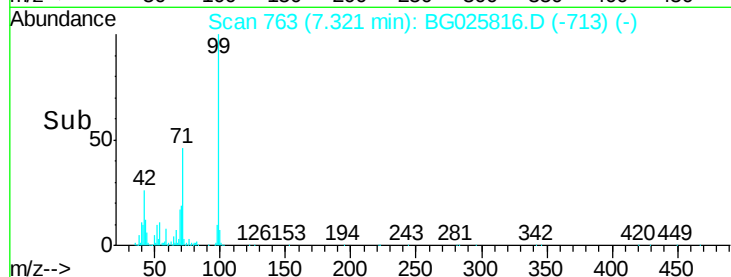
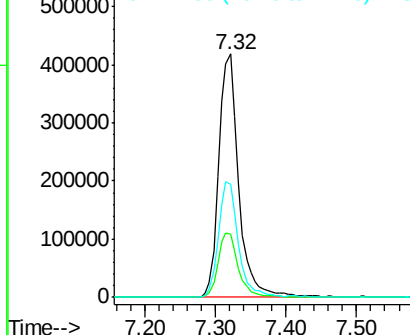
99 100

42 25.8 20.5 30.7

71 46.3 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: 2.42 ng

RT: 8.48 min Scan# 960

Delta R.T. 0.06 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

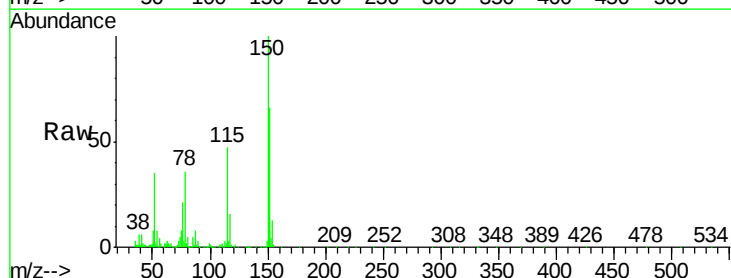
Tgt Ion: 79 Resp: 11876

Ion Ratio Lower Upper

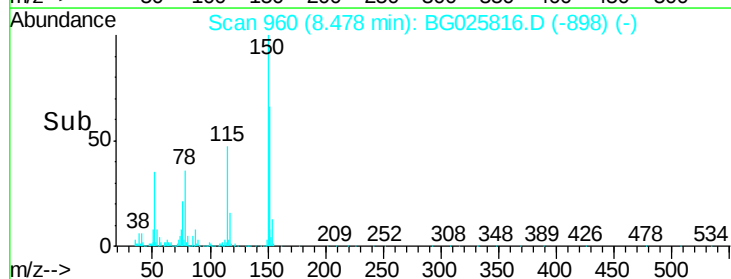
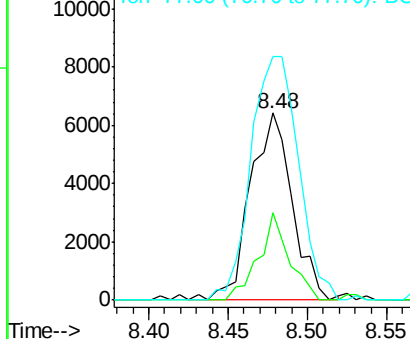
79 100

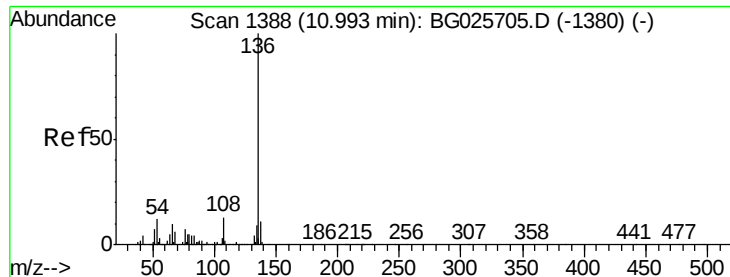
108 46.5 45.5 68.3

77 130.3 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

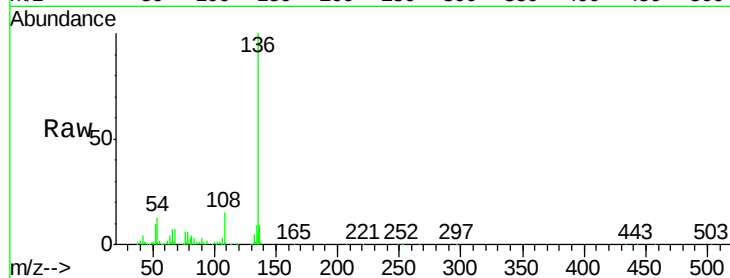




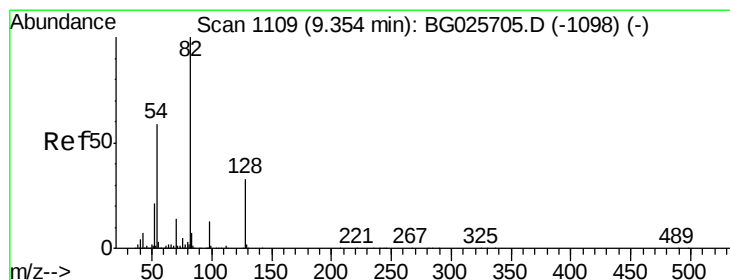
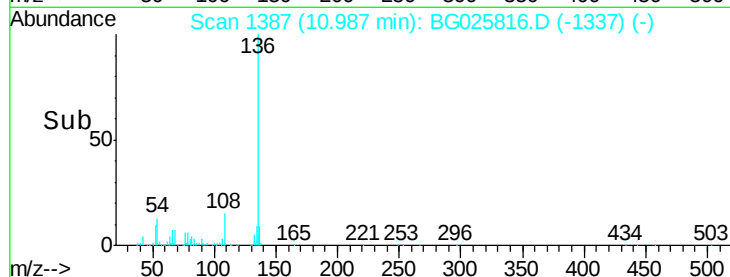
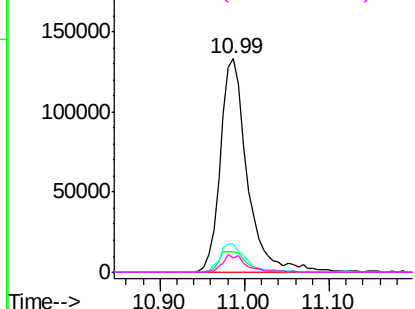
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG025816.D
Acq: 7 Feb 2017 00:01

Instrument :
BNA_G
ClientSampleId :
WC-B10-B17-001

Tgt Ion:	136	Resp:	294839
Ion	Ratio	Lower	Upper
136	100		
137	9.4	8.9	13.3
54	13.1	9.3	13.9
68	6.5	5.1	7.7

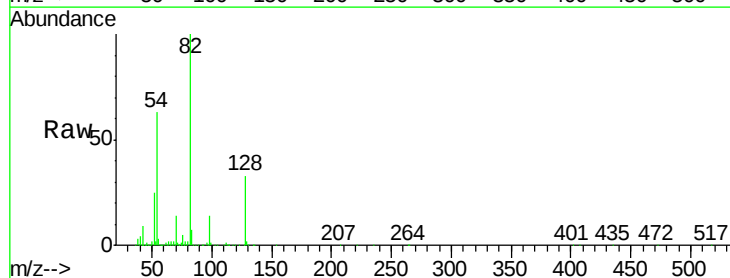


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

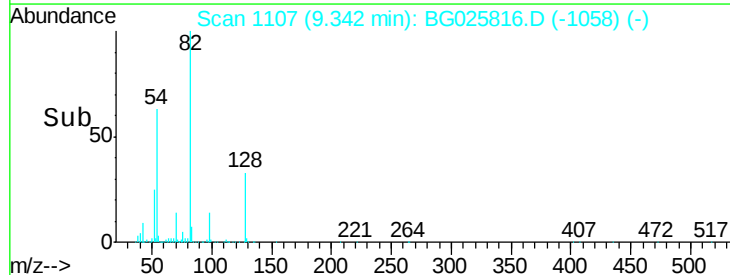
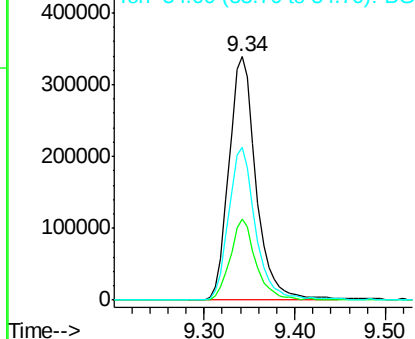


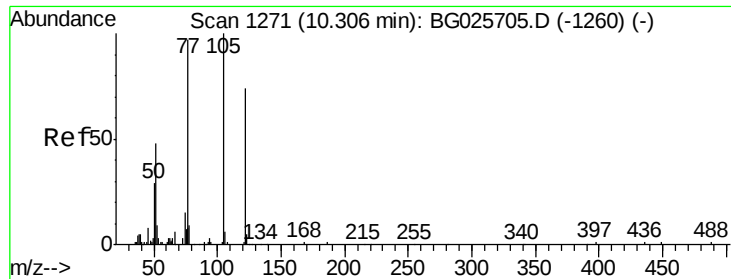
#23
Nitrobenzene-d5
Concen: 101.45 ng
RT: 9.34 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG025816.D
Acq: 7 Feb 2017 00:01

Tgt Ion:	82	Resp:	707896
Ion	Ratio	Lower	Upper
82	100		
128	33.1	26.4	39.6
54	62.9	49.4	74.2



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





#32

Benzoic acid

Concen: 7.91 ng

RT: 10.27 min Scan# 1265

Delta R.T. -0.03 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

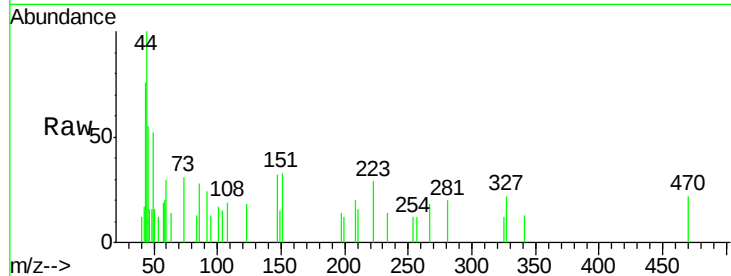
Instrument :

BNA_G

ClientSampleId :

WC-B10-B17-001

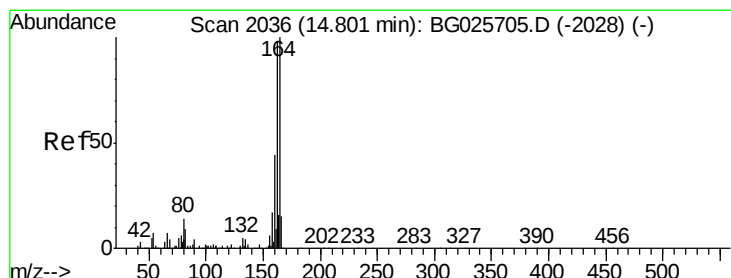
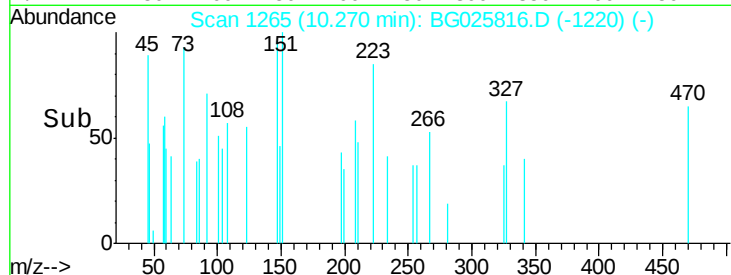
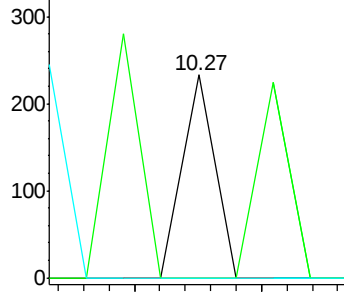
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



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

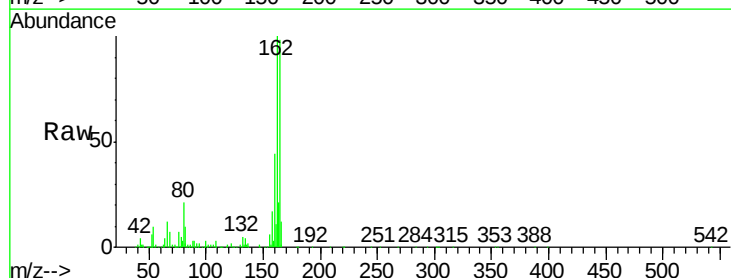
RT: 14.79 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

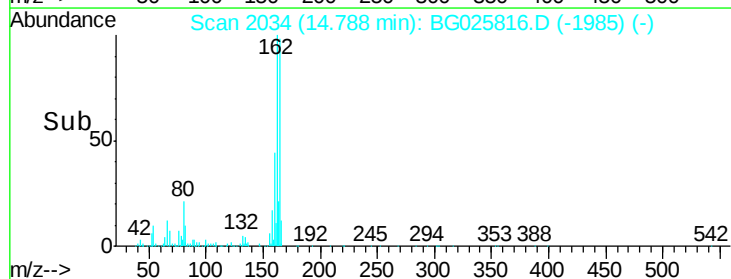
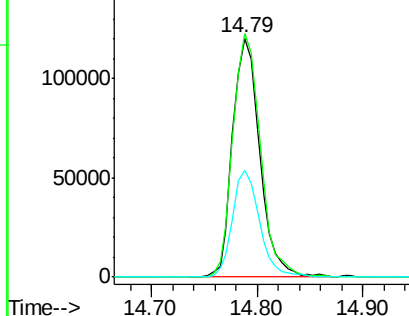
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	85.1	127.7
160	44.8	34.7	52.1

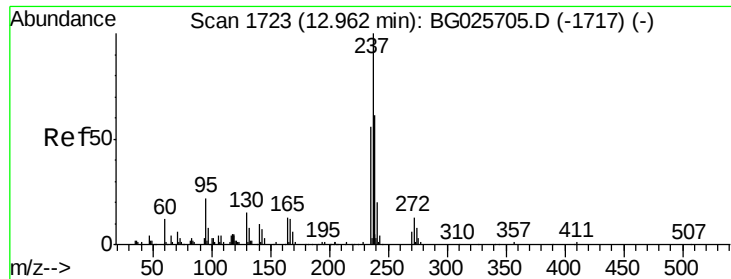


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

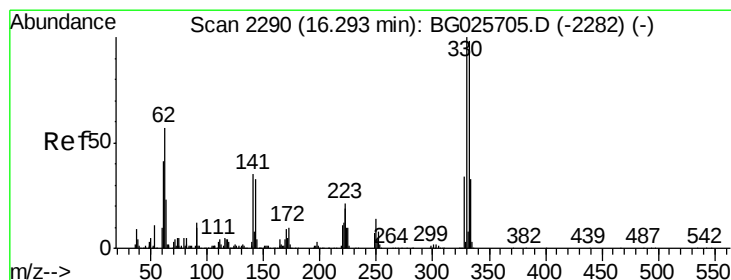
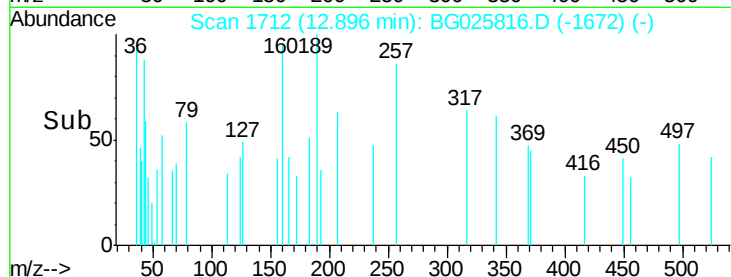
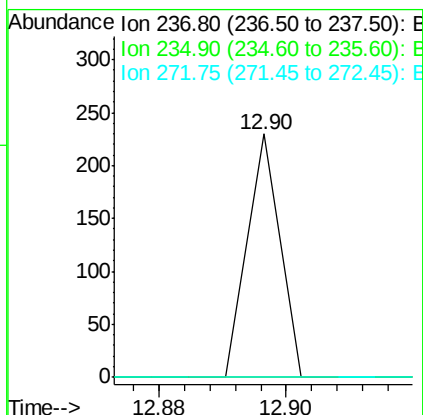
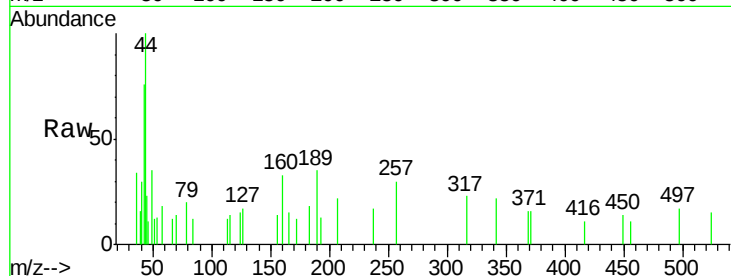




#40
Hexachlorocyclopentadiene
Concen: 10.71 ng
RT: 12.90 min Scan# 1712
Delta R.T. -0.06 min
Lab File: BG025816.D
Acq: 7 Feb 2017 00:01

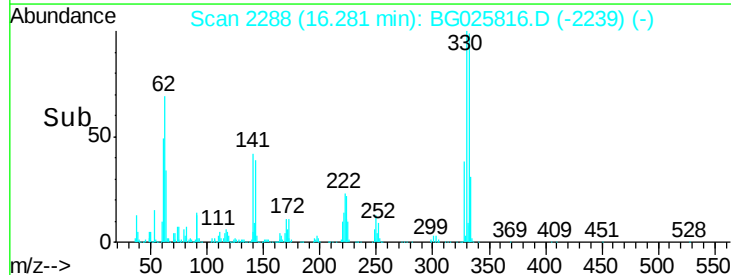
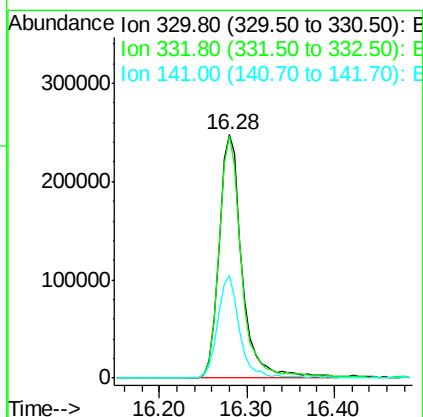
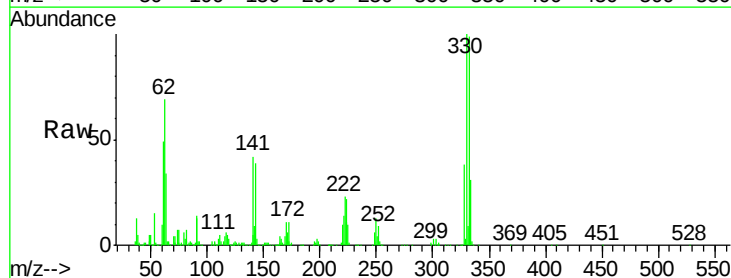
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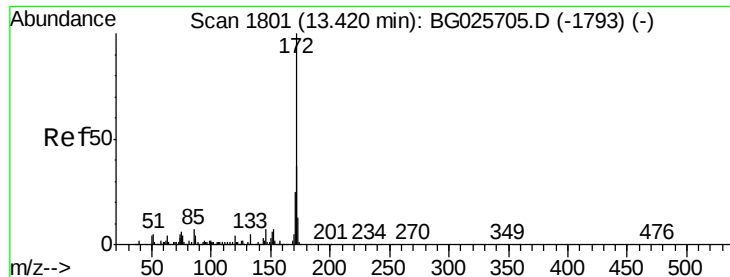
Tgt Ion: 237 Resp: 81
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0



#41
2,4,6-Tribromophenol
Concen: 147.57 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG025816.D
Acq: 7 Feb 2017 00:01

Tgt Ion: 330 Resp: 448435
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 39.8 32.1 48.1





#44

2-Fluorobiphenyl

Concen: 102.62 ng

RT: 13.41 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

Instrument :

BNA_G

ClientSampleId :

WC-B10-B17-001

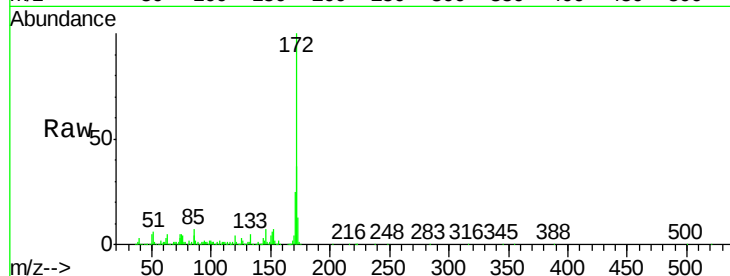
Tgt Ion:172 Resp: 1346309

Ion Ratio Lower Upper

172 100

171 36.7 32.2 48.2

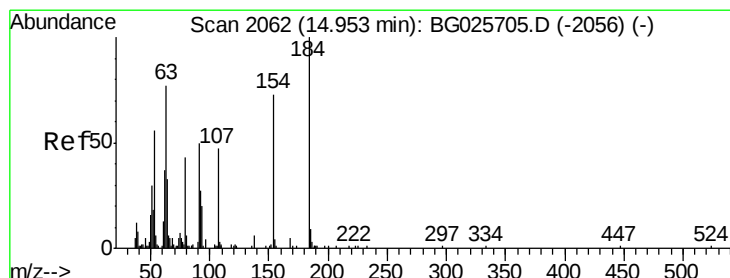
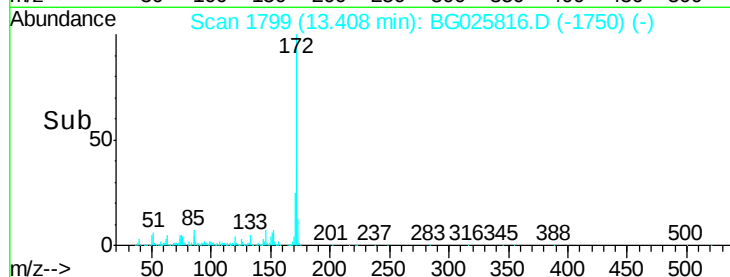
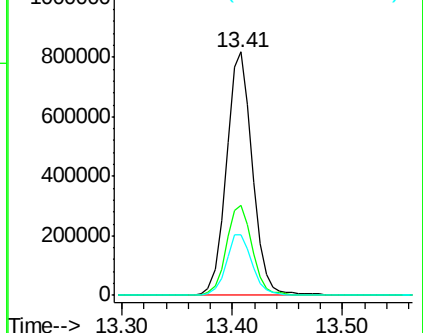
170 25.0 21.8 32.6



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# 2064

Delta R.T. 0.01 min

Lab File: BG025816.D

Acq: 7 Feb 2017 00:01

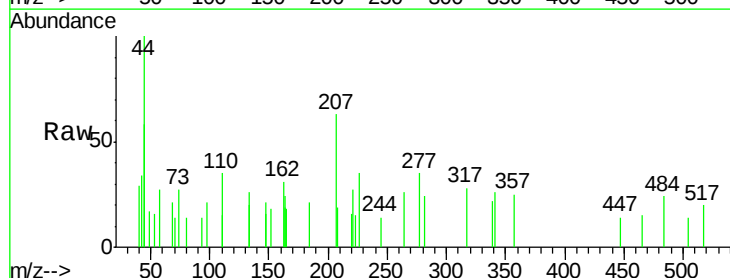
Tgt Ion:184 Resp: 83

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

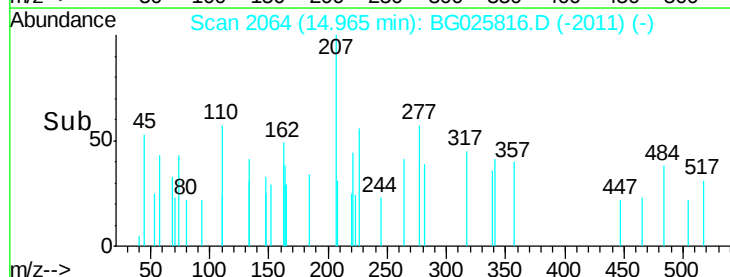
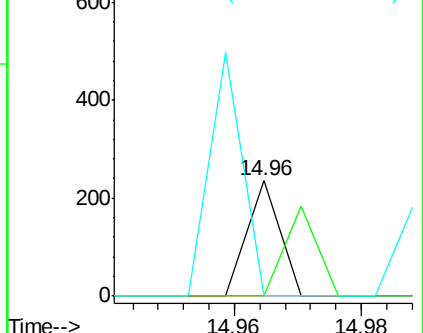
154 0.0 57.3 85.9#

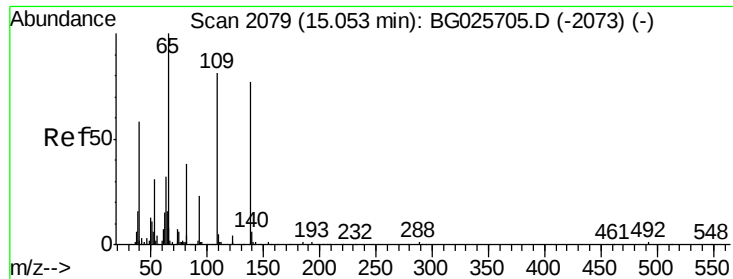


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

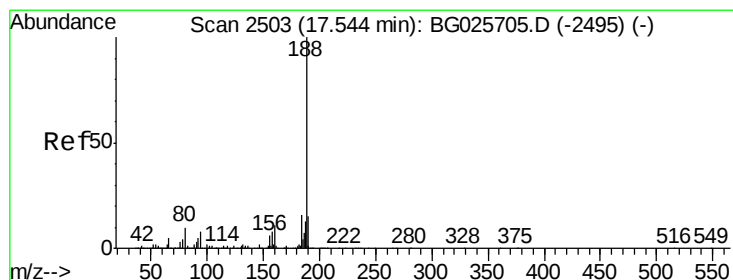
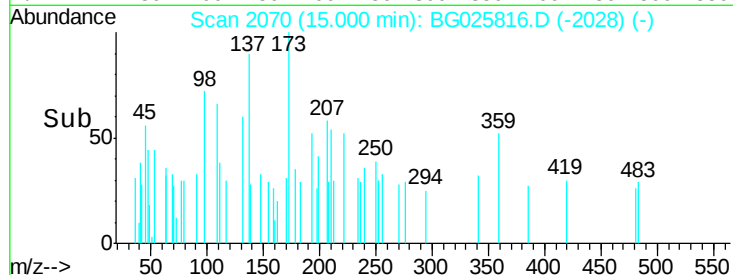
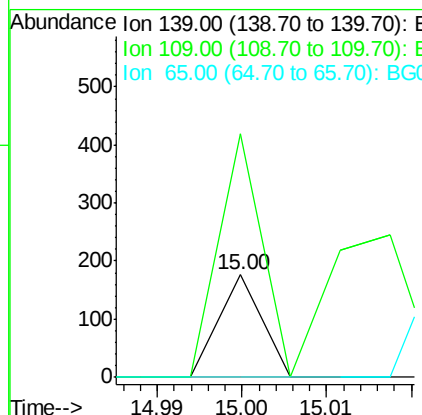
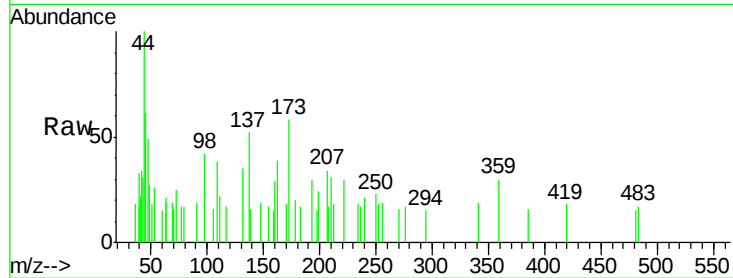




#55
4-Nitrophenol
Concen: 5.60 ng
RT: 15.00 min Scan# 2070
Delta R.T. -0.05 min
Lab File: BG025816.D
Acq: 7 Feb 2017 00:01

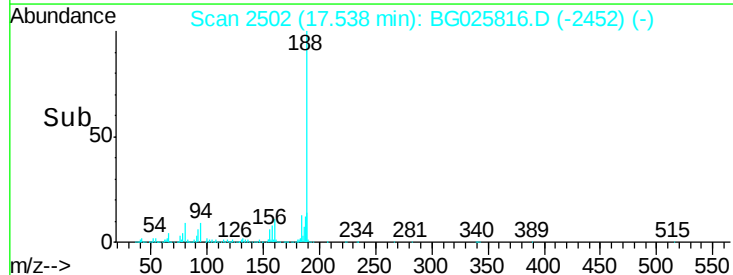
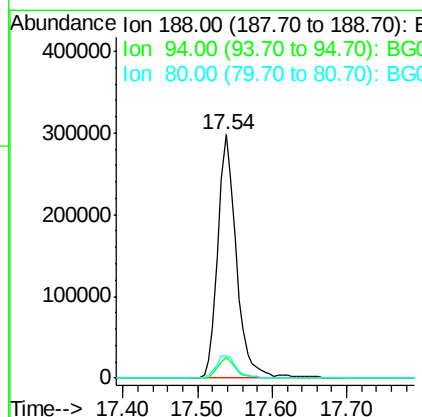
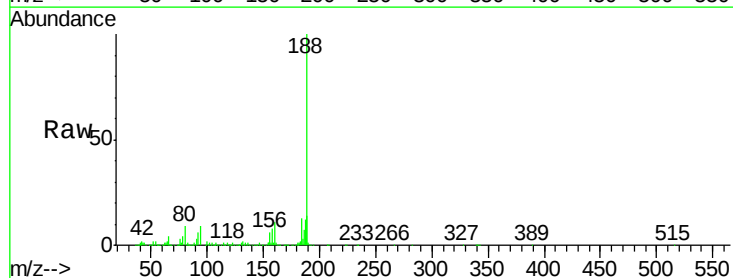
Instrument :
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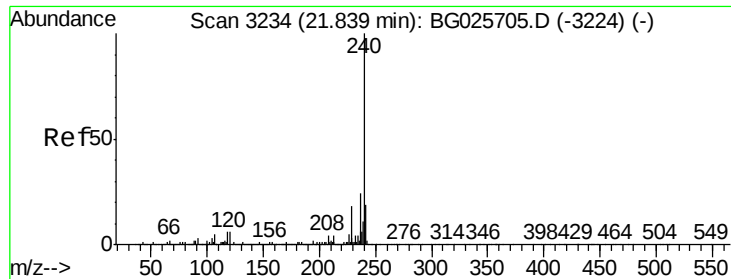
Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 238.1 101.2 141.2#
65 0.0 135.3 175.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BG025816.D
Acq: 7 Feb 2017 00:01

Tgt Ion:188 Resp: 515553
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 9.3 7.5 11.3

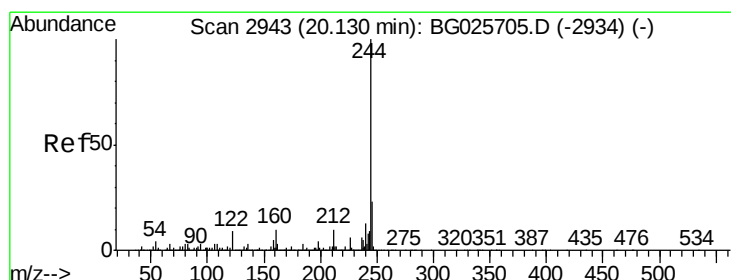
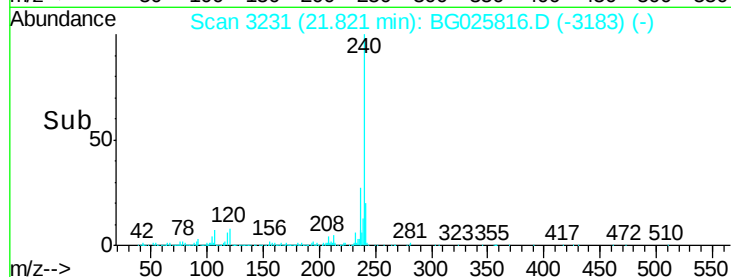
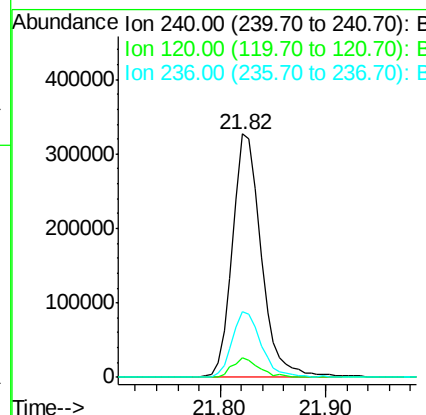
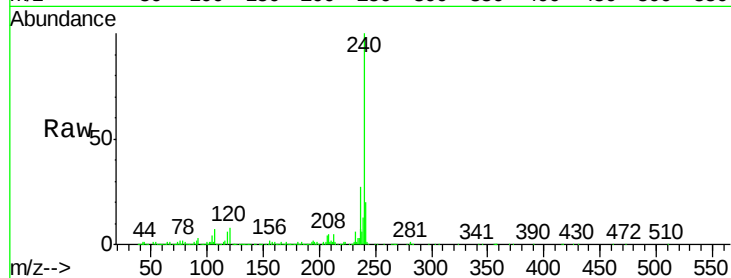




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BG025816.D
Acq: 7 Feb 2017 00:01

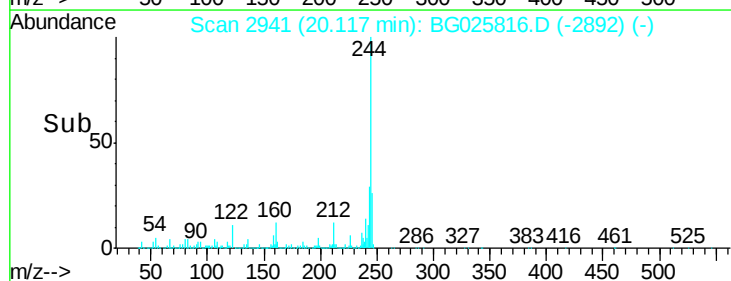
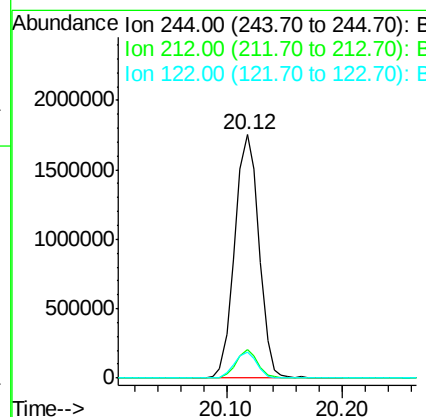
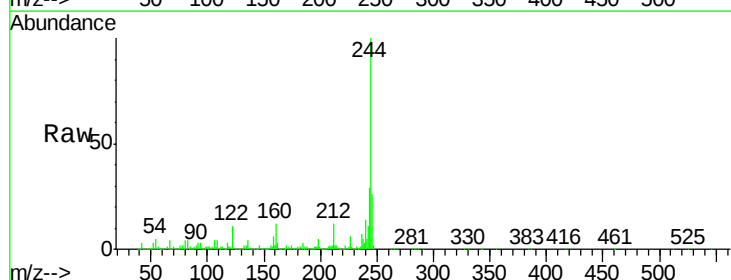
Instrument :
BNA_G
ClientSampleId :
WC-B10-B17-001

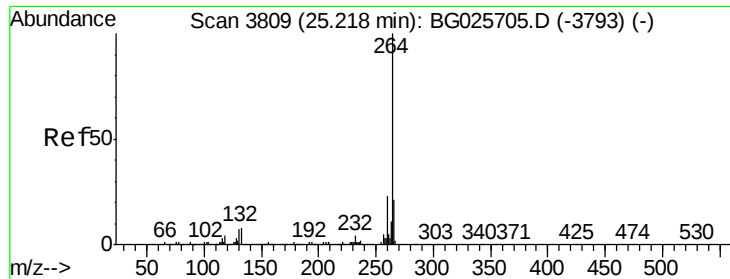
Tgt Ion:240 Resp: 617884
Ion Ratio Lower Upper
240 100
120 7.9 5.7 8.5
236 26.9 22.2 33.4



#78
Terphenyl-d14
Concen: 99.79 ng
RT: 20.12 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BG025816.D
Acq: 7 Feb 2017 00:01

Tgt Ion:244 Resp: 2554644
Ion Ratio Lower Upper
244 100
212 11.7 10.0 15.0
122 10.8 8.6 12.8

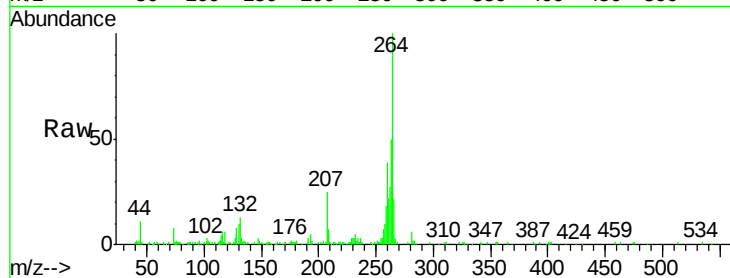




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.01 min
Lab File: BG025816.D
Acq: 7 Feb 2017 00:01

Instrument :
BNA_G
ClientSampleId :
WC-B10-B17-001

Tgt Ion	Ratio	Lower	Upper
264	100		
260	39.0	21.8	32.8#
265	20.9	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

