

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
 Data File : BG025818.D
 Acq On : 7 Feb 2017 1:20
 Operator : SJ/MA
 Sample : I1697-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B18-B19-001

Quant Time: Feb 07 02:34:28 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

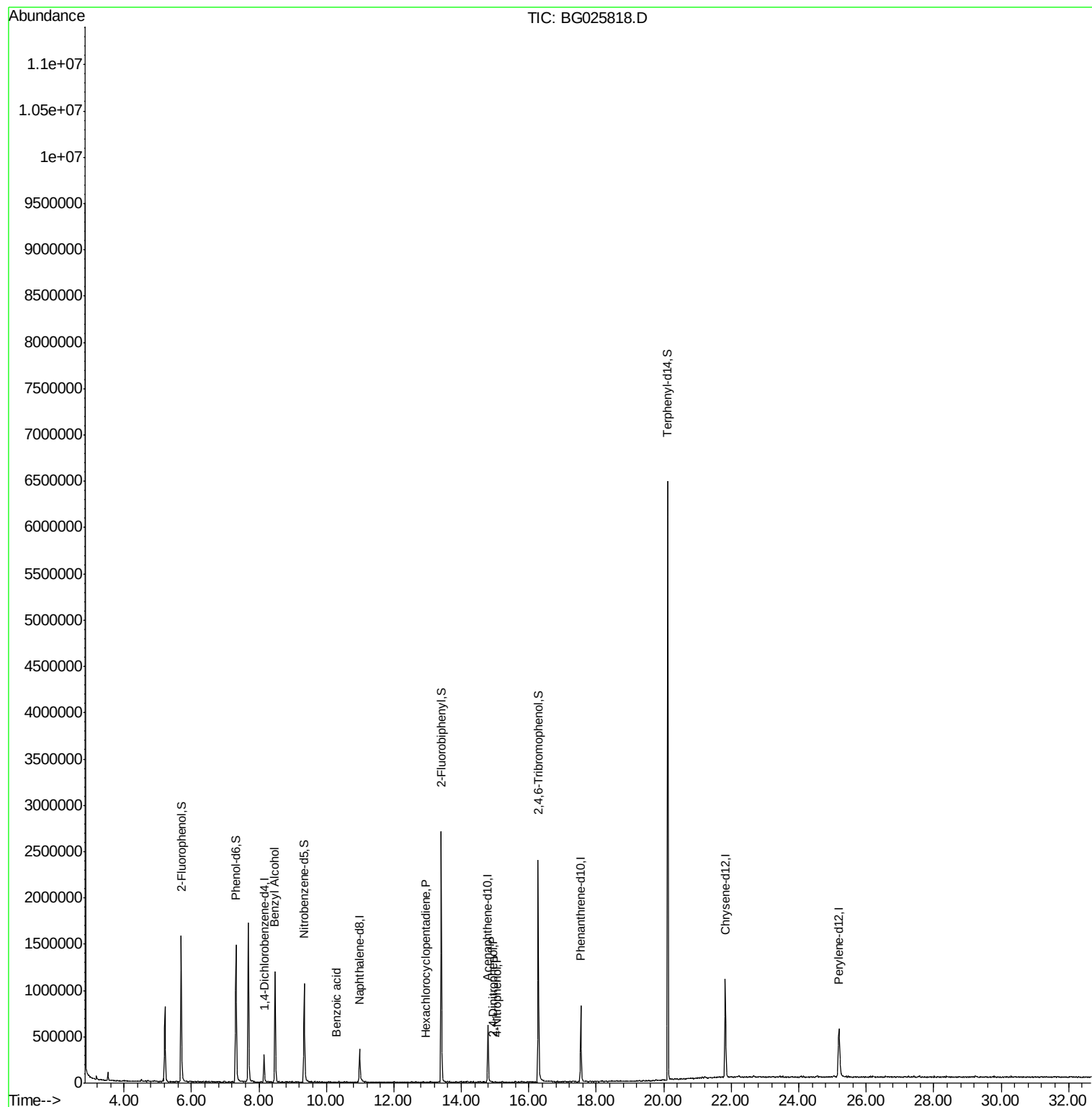
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	76591	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	316670	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	235087	20.00	ng	-0.01
63) Phenanthrene-d10	17.54	188	546979	20.00	ng	0.00
75) Chrysene-d12	21.82	240	713624	20.00	ng	-0.02
86) Perylene-d12	25.19	264	678515	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	622529	145.67	ng	-0.02
7) Phenol-d6	7.32	99	816920	130.88	ng	0.00
23) Nitrobenzene-d5	9.34	82	710108	94.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.28	330	460002	137.21	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1342457	92.74	ng	-0.02
78) Terphenyl-d14	20.11	244	2576062	87.13	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.48	79	11830	2.19	ng	# 22
32) Benzoic acid	10.30	122	108	7.92	ng	# 22
40) Hexachlorocyclopentadiene	12.93	237	68	10.70	ng	# 29
53) 2,4-Dinitrophenol	14.93	184	90	9.47	ng	# 15
55) 4-Nitrophenol	15.06	139	132	5.62	ng	# 1

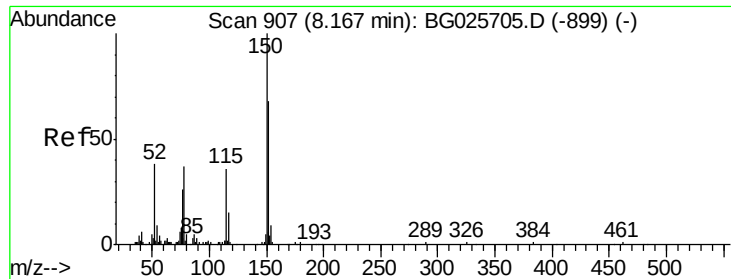
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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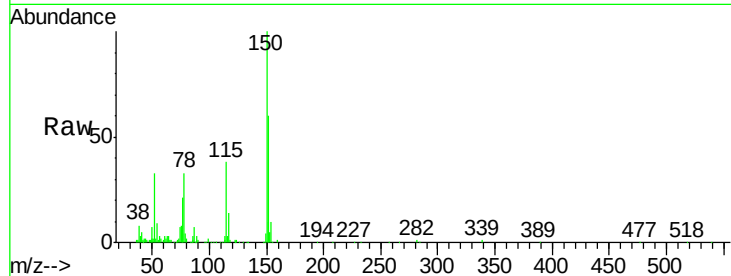


#1

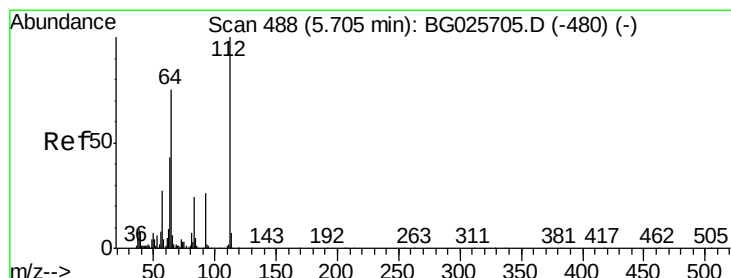
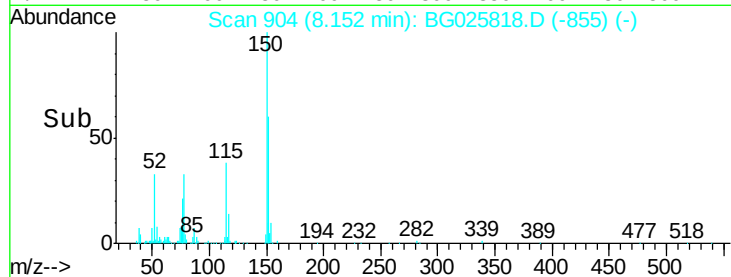
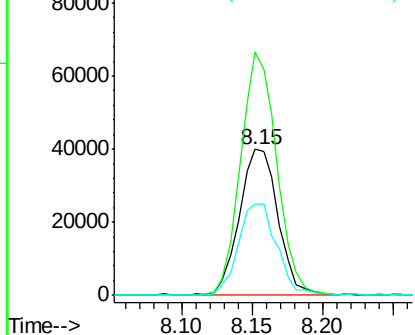
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG025818.D
 Acq: 7 Feb 2017 1:20

Instrument :
 BNA_G
 ClientSampleId :
 WC-B18-B19-001

Tgt Ion:152 Resp: 76591
 Ion Ratio Lower Upper
 152 100
 150 167.0 114.0 171.0
 115 62.9 48.1 72.1



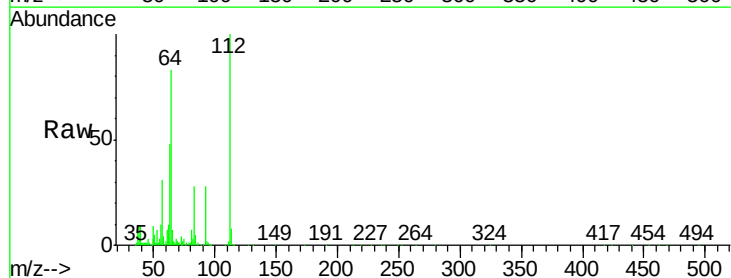
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



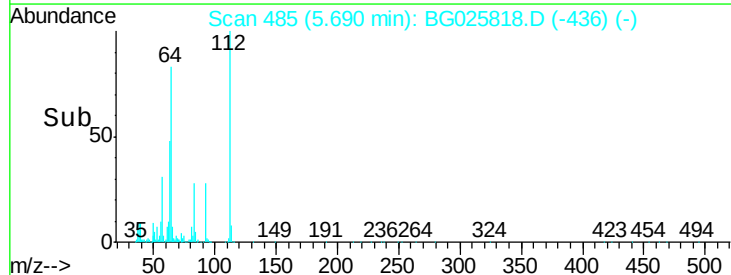
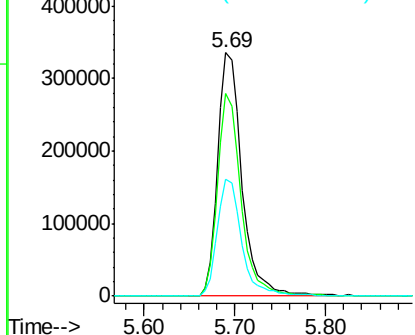
#5

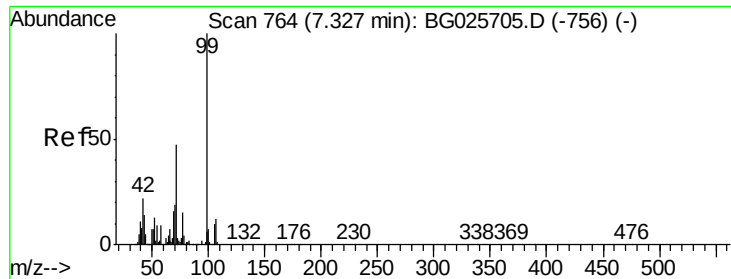
2-Fluorophenol
 Concen: 145.67 ng
 RT: 5.69 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BG025818.D
 Acq: 7 Feb 2017 1:20

Tgt Ion:112 Resp: 622529
 Ion Ratio Lower Upper
 112 100
 64 83.0 61.8 92.6
 63 48.2 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: 130.88 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025818.D

Acq: 7 Feb 2017 1:20

Instrument :

BNA_G

ClientSampleId :

WC-B18-B19-001

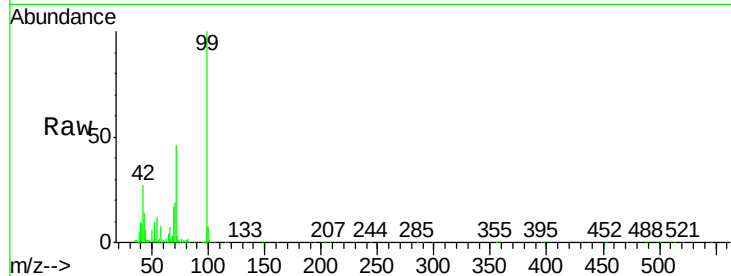
Tgt Ion: 99 Resp: 816920

Ion Ratio Lower Upper

99 100

42 27.0 20.5 30.7

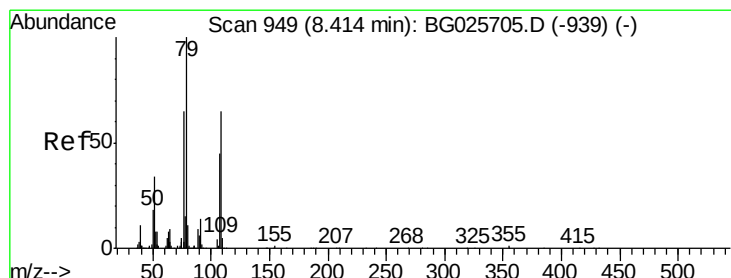
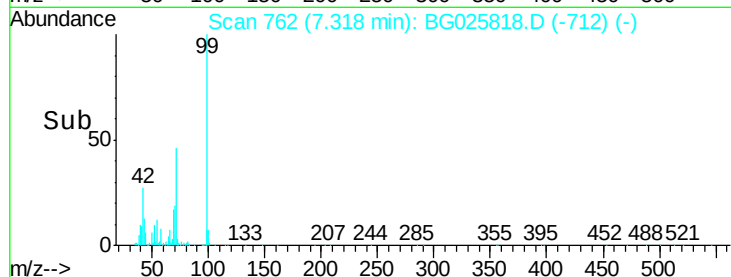
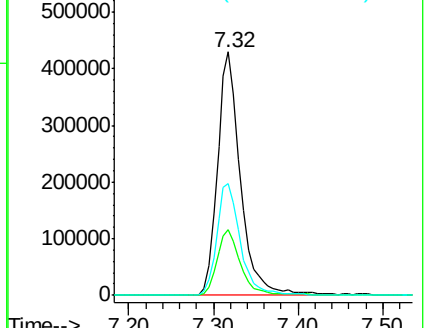
71 45.8 37.6 56.4



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: 2.19 ng

RT: 8.48 min Scan# 959

Delta R.T. 0.06 min

Lab File: BG025818.D

Acq: 7 Feb 2017 1:20

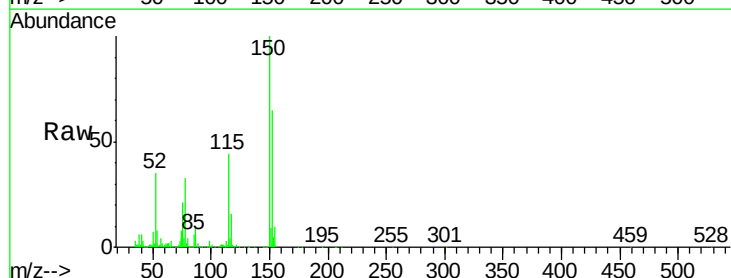
Tgt Ion: 79 Resp: 11830

Ion Ratio Lower Upper

79 100

108 27.3 45.5 68.3#

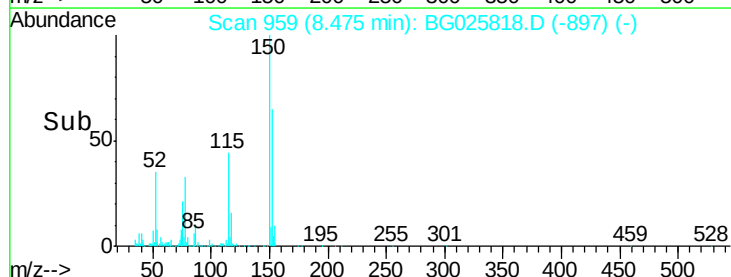
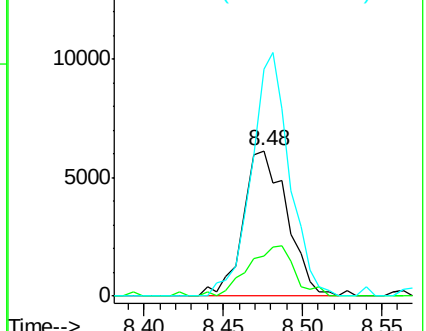
77 156.1 54.3 81.5#

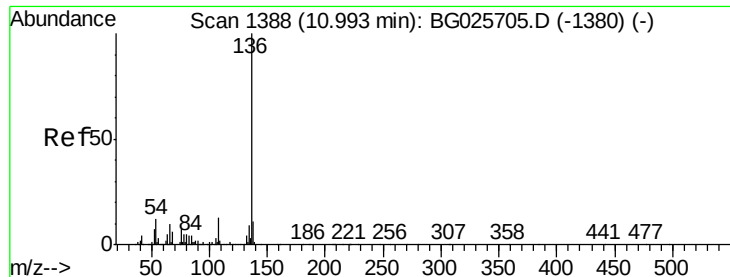


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

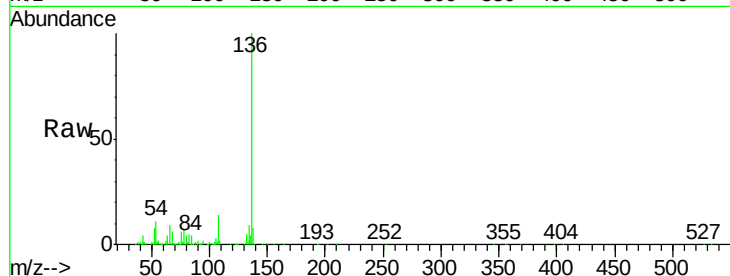




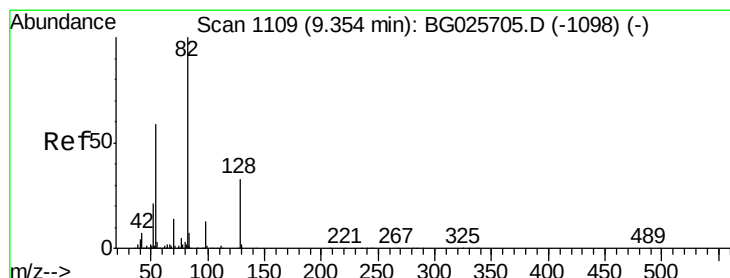
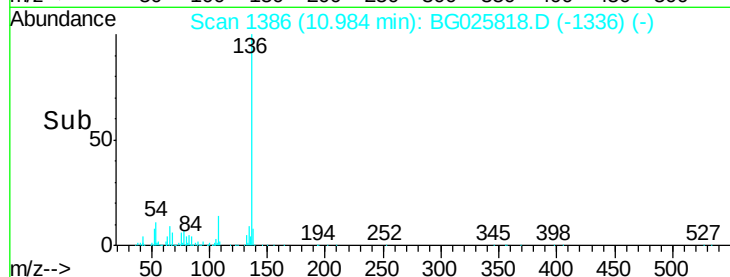
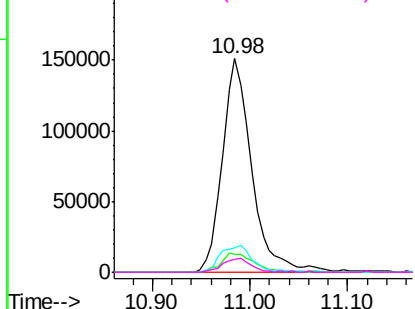
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

Instrument :
BNA_G
ClientSampleId :
WC-B18-B19-001

Tgt Ion:	136	Resp:	316670
Ion	Ratio	Lower	Upper
136	100		
137	8.2	8.9	13.3#
54	11.4	9.3	13.9
68	5.7	5.1	7.7

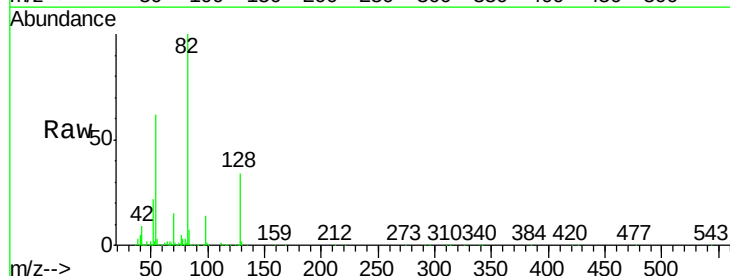


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

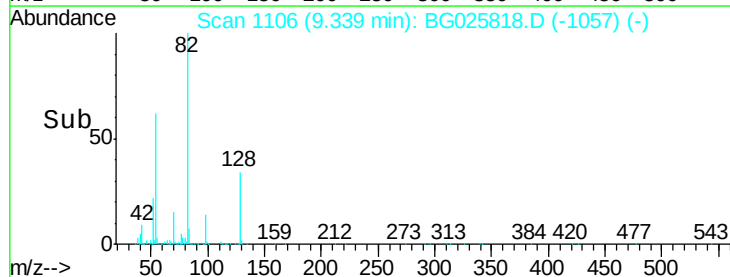
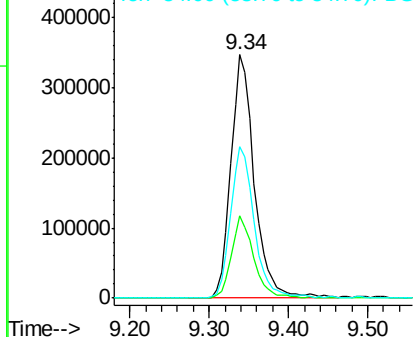


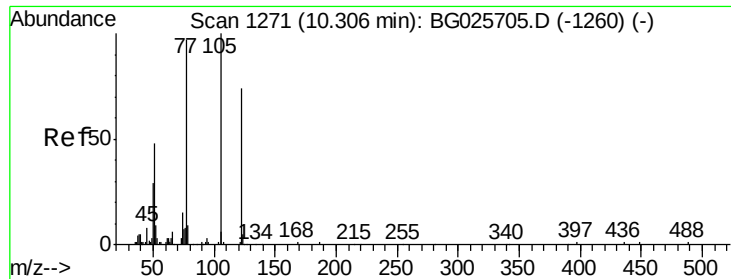
#23
Nitrobenzene-d5
Concen: 94.75 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

Tgt Ion:	82	Resp:	710108
Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.4	39.6
54	62.4	49.4	74.2



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

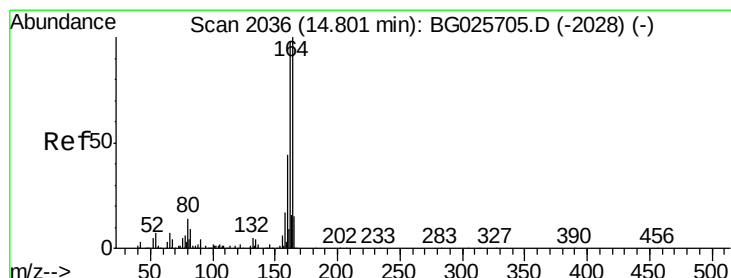
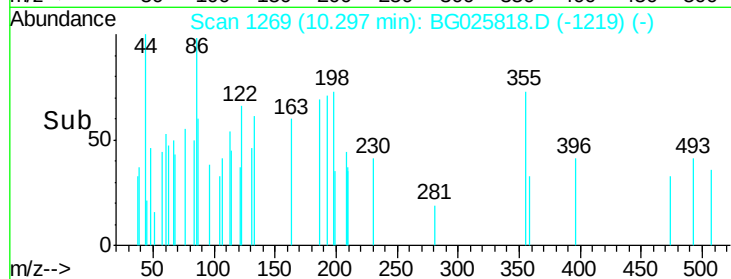
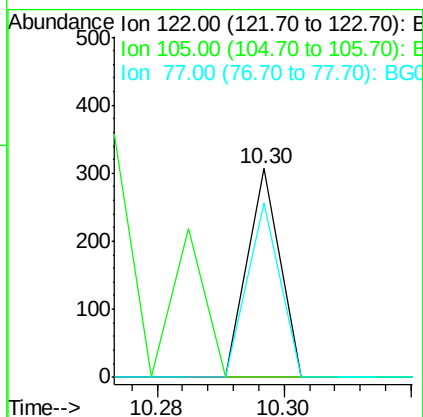
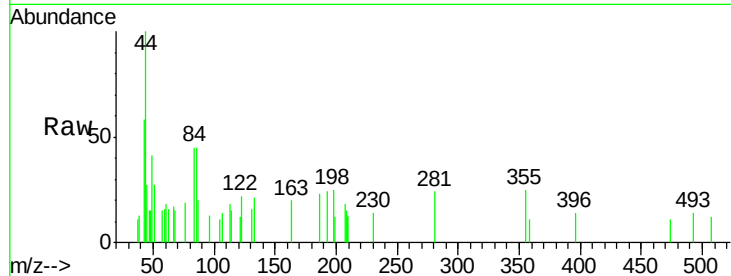




#32
Benzoic acid
Concen: 7.92 ng
RT: 10.30 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

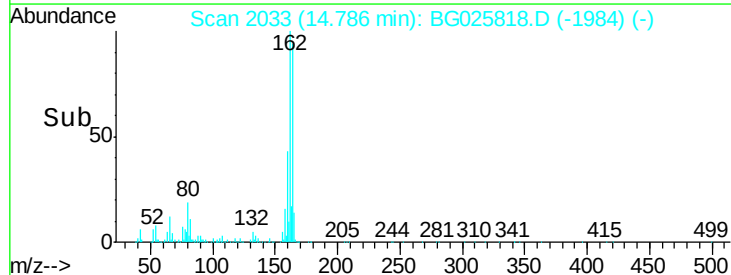
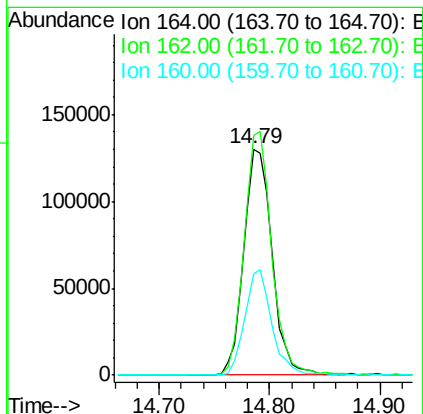
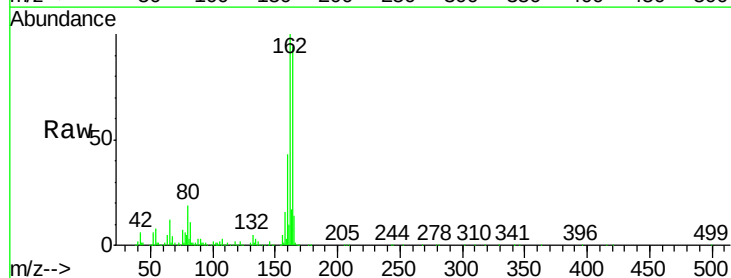
Instrument :
BNA_G
ClientSampleId :
WC-B18-B19-001

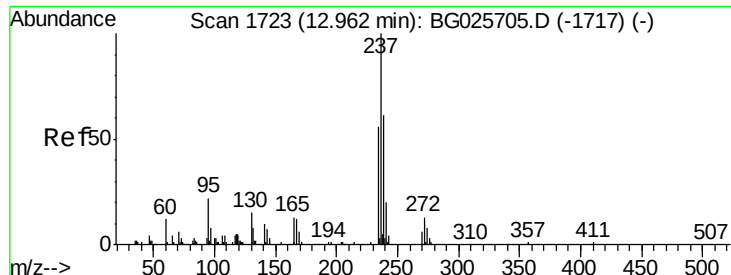
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	83.7	104.6	144.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	45.2	34.7	52.1

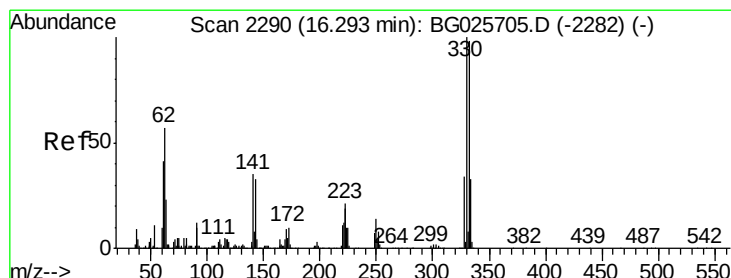
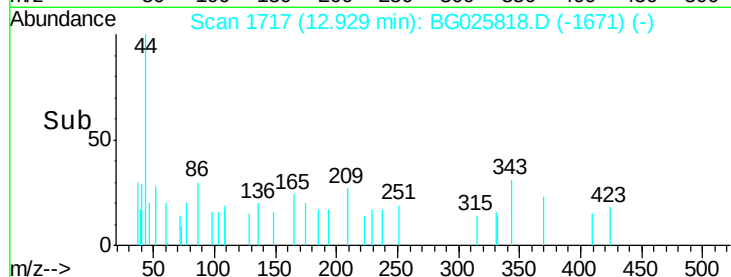
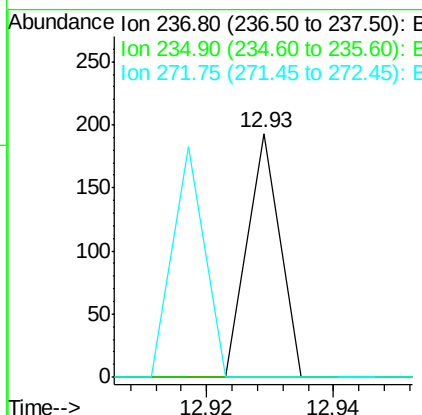
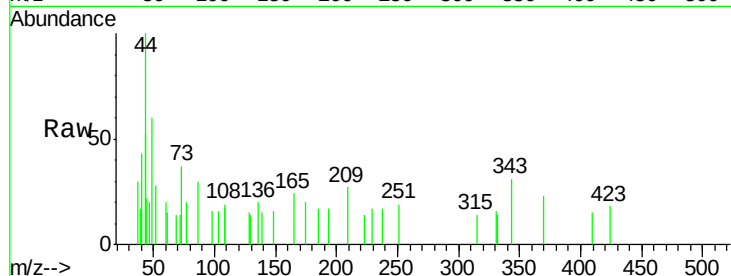




#40
Hexachlorocyclopentadiene
Concen: 10.70 ng
RT: 12.93 min Scan# 1717
Delta R.T. -0.03 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

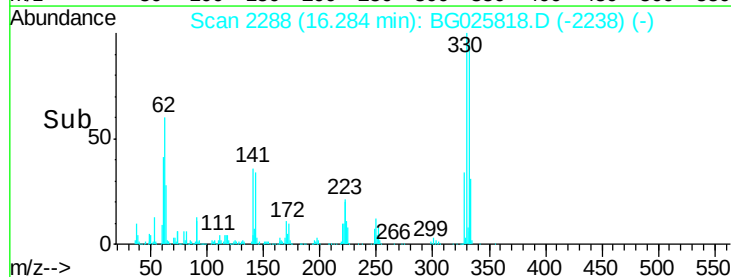
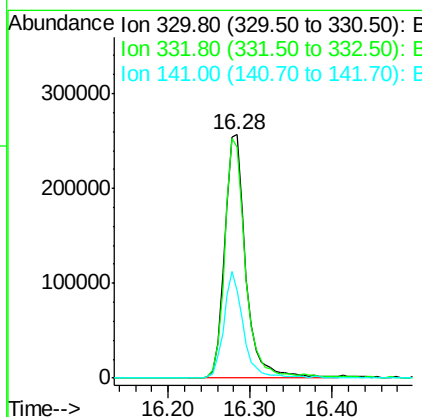
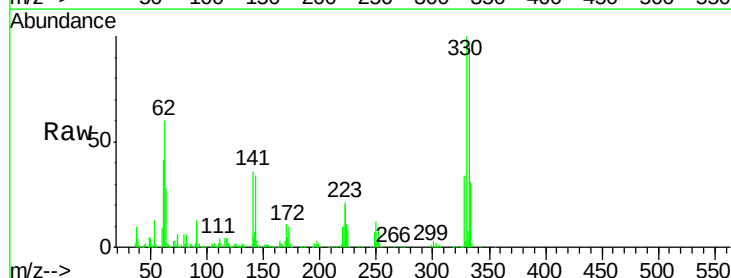
Instrument :
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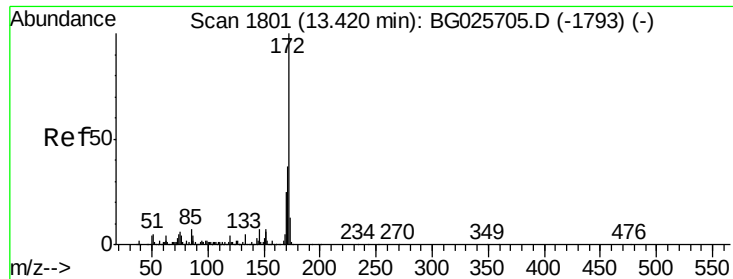
Tgt Ion: 237 Resp: 68
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0



#41
2,4,6-Tribromophenol
Concen: 137.21 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

Tgt Ion: 330 Resp: 460002
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 39.8 32.1 48.1





#44

2-Fluorobiphenyl

Concen: 92.74 ng

RT: 13.40 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BG025818.D

Acq: 7 Feb 2017 1:20

Instrument :

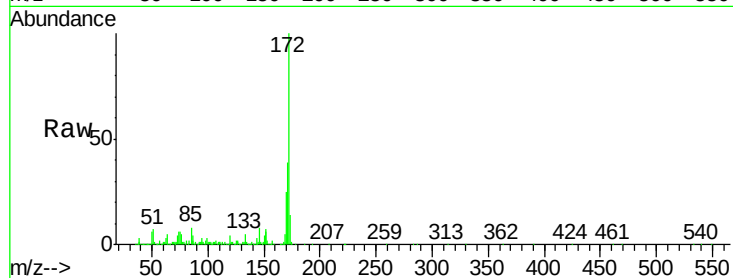
BNA_G

ClientSampleId :

WC-B18-B19-001

Tgt Ion:172 Resp: 1342457

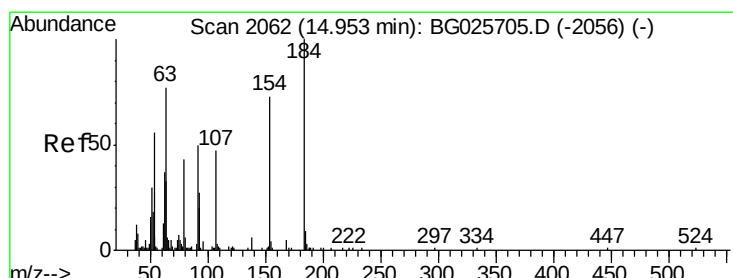
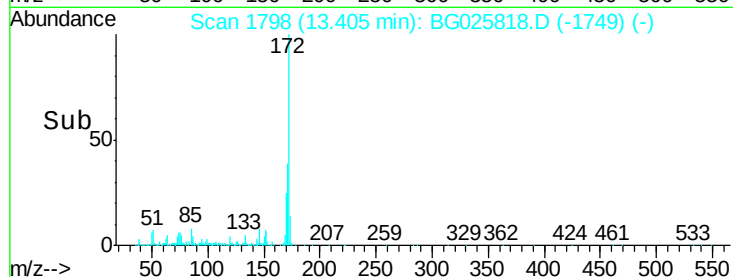
Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.2	48.2
170	24.9	21.8	32.6



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: 14.93 min Scan# 2058

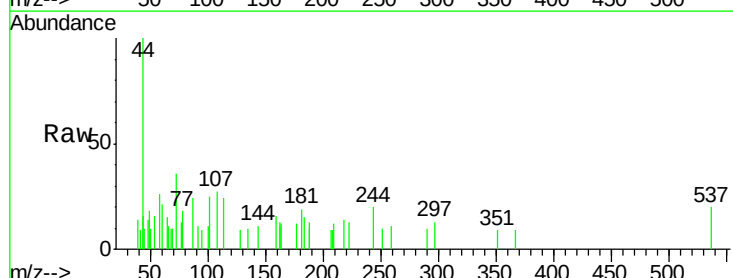
Delta R.T. -0.02 min

Lab File: BG025818.D

Acq: 7 Feb 2017 1:20

Tgt Ion:184 Resp: 90

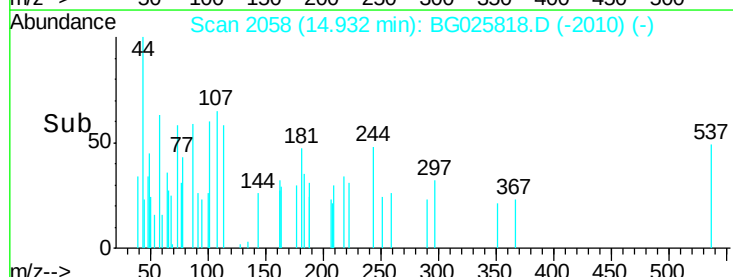
Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#

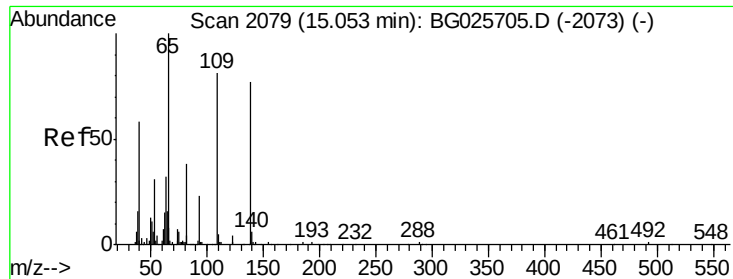


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

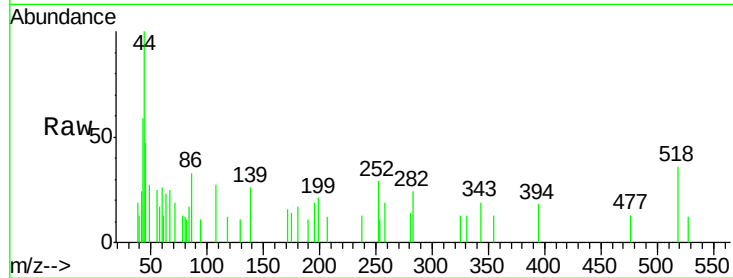




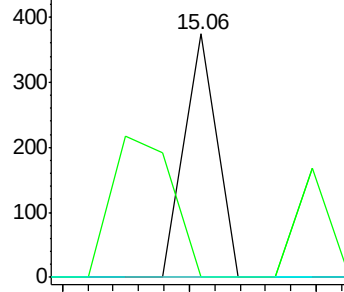
#55
4-Nitrophenol
Concen: 5.62 ng
RT: 15.06 min Scan# 2080
Delta R.T. 0.01 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

Instrument :
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WC-B18-B19-001

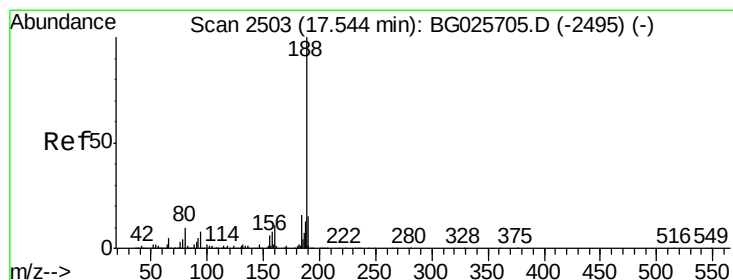
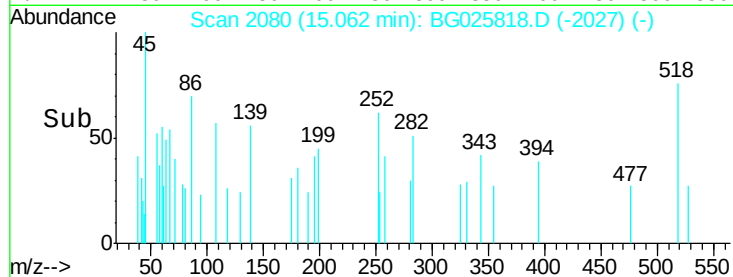
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#



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): BGC

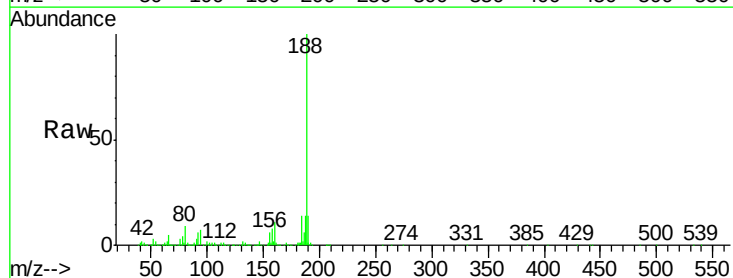


Time--> 15.04 15.06 15.08

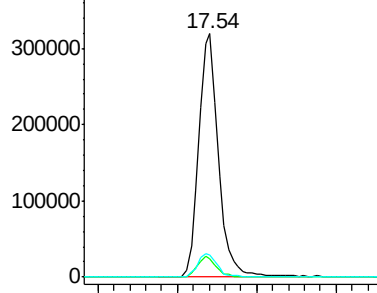


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

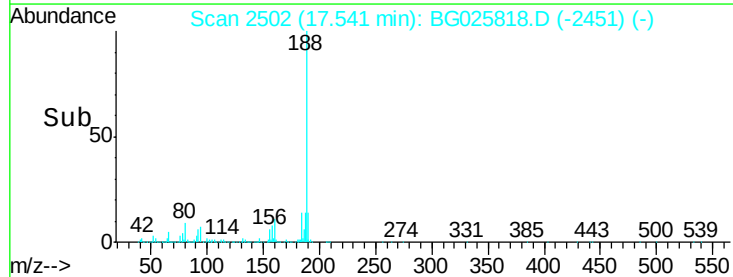
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.8
80	9.2	7.5	11.3

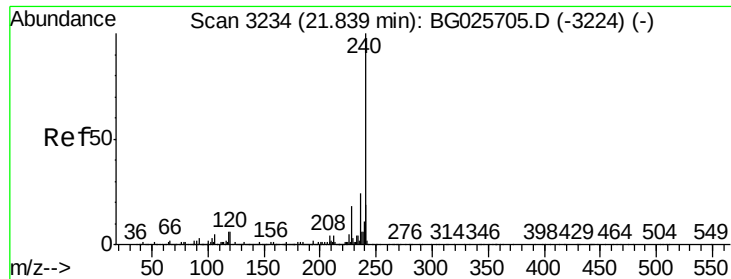


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50 17.60 17.70

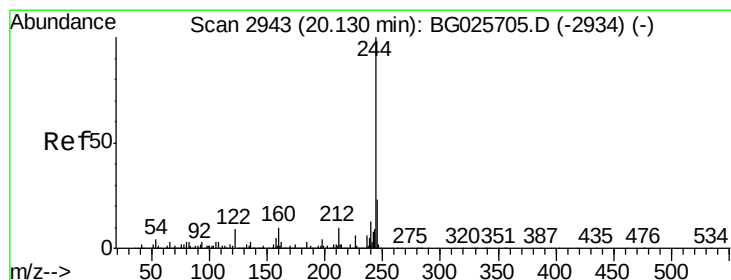
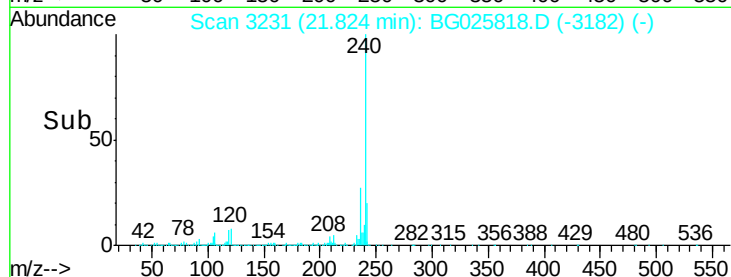
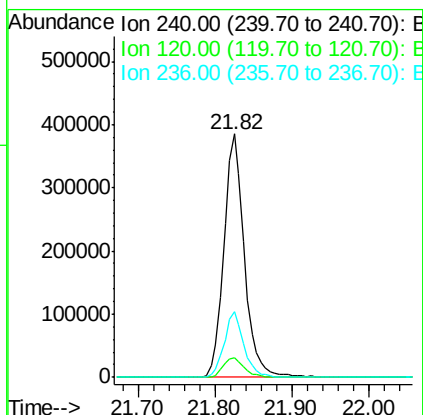
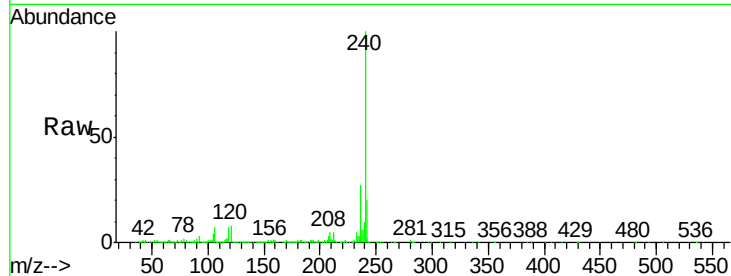




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.82 min Scan# 3231
 Delta R.T. -0.02 min
 Lab File: BG025818.D
 Acq: 7 Feb 2017 1:20

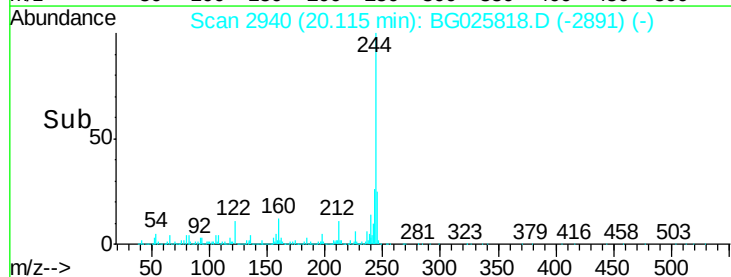
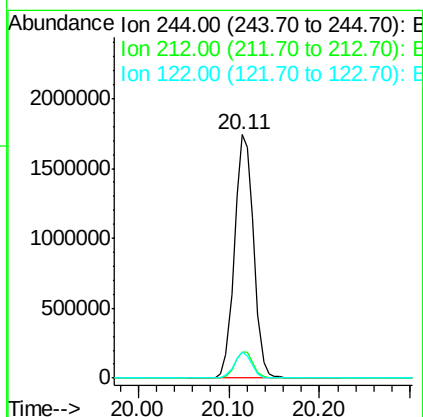
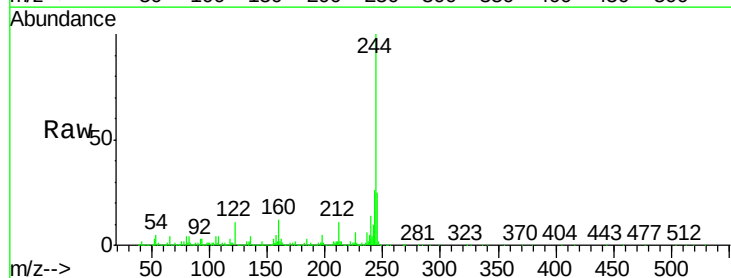
Instrument :
 BNA_G
 ClientSampleId :
 WC-B18-B19-001

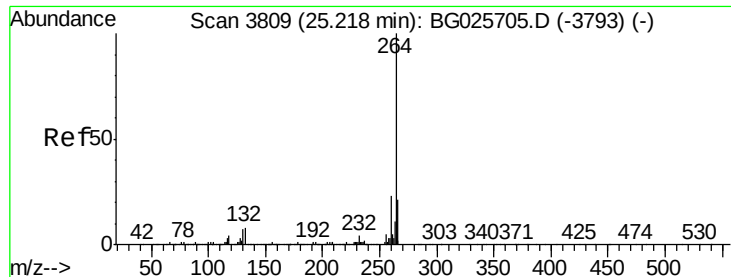
Tgt Ion:240 Resp: 713624
 Ion Ratio Lower Upper
 240 100
 120 8.3 5.7 8.5
 236 26.9 22.2 33.4



#78
 Terphenyl-d14
 Concen: 87.13 ng
 RT: 20.11 min Scan# 2940
 Delta R.T. -0.02 min
 Lab File: BG025818.D
 Acq: 7 Feb 2017 1:20

Tgt Ion:244 Resp: 2576062
 Ion Ratio Lower Upper
 244 100
 212 10.9 10.0 15.0
 122 10.8 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3804
Delta R.T. -0.03 min
Lab File: BG025818.D
Acq: 7 Feb 2017 1:20

Instrument :
BNA_G
ClientSampleId :
WC-B18-B19-001

Tgt Ion:	264	Resp:	678515
Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	22.1	18.2	27.4

