

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\
 Data File : BG025419.D
 Acq On : 30 Dec 2016 18:38
 Operator : UM/SJ
 Sample : H6314-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GMW-04

Quant Time: Dec 30 23:12:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

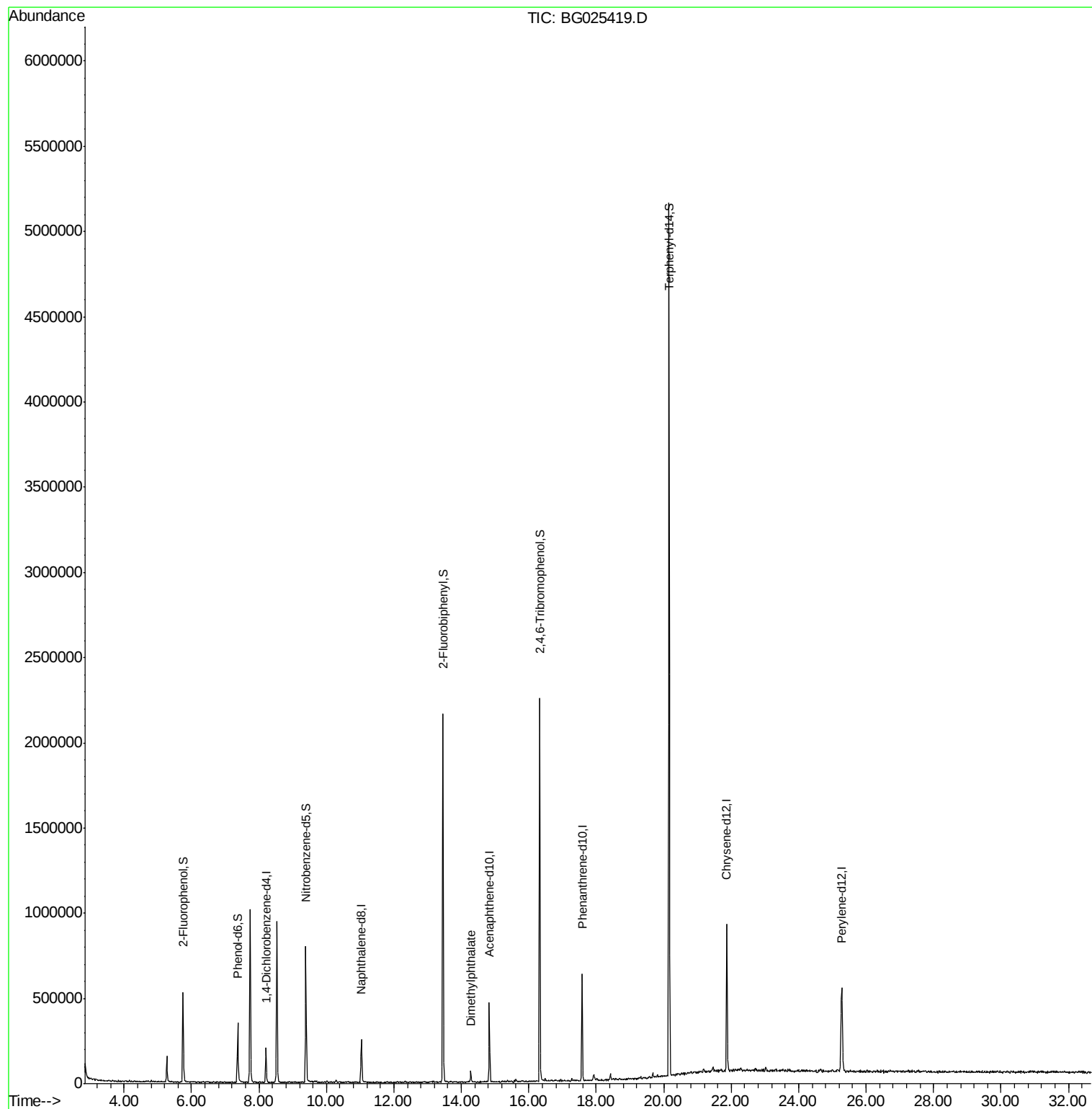
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	50048	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	219595	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	180713	20.00	ng	-0.01
63) Phenanthrene-d10	17.58	188	397937	20.00	ng	0.00
75) Chrysene-d12	21.87	240	581953	20.00	ng	-0.01
86) Perylene-d12	25.28	264	617453	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	214149	77.78	ng	0.00
7) Phenol-d6	7.37	99	193065	49.79	ng	0.00
23) Nitrobenzene-d5	9.39	82	514562	103.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.32	330	449385	154.46	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	1133294	101.53	ng	0.00
78) Terphenyl-d14	20.16	244	2168505	98.80	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.28	163	43016	3.27	ng	Qvalue 99

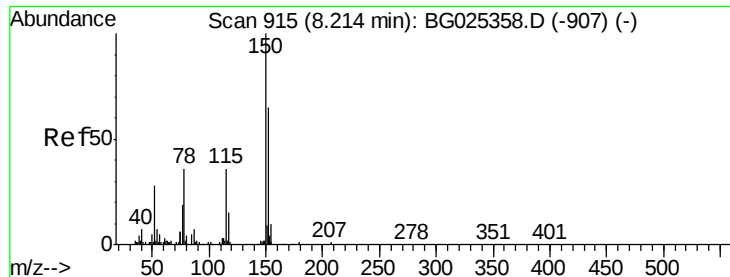
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Instrument :

BNA_G

ClientSampleId :

GMW-04

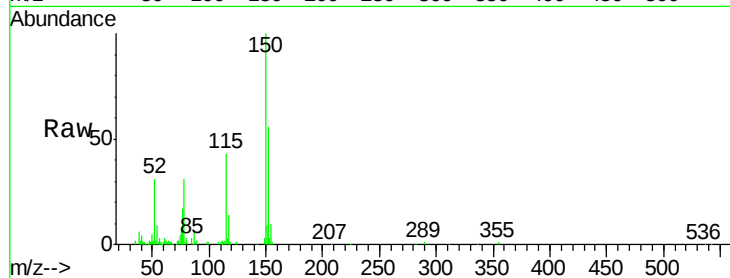
Tot Ion:152 Resp: 50048

Ion Ratio Lower Upper

152 100

150 177.0 114.0 171.0#

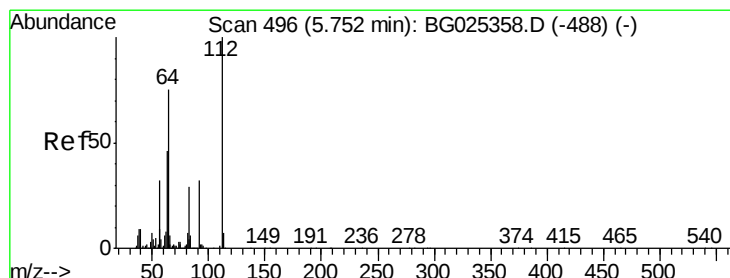
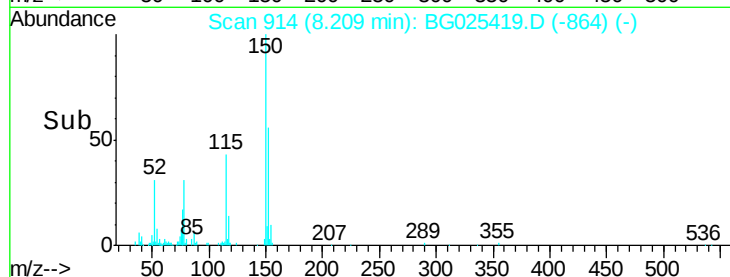
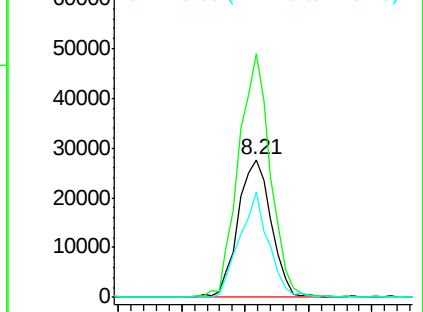
115 77.0 48.1 72.1#



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: 77.78 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

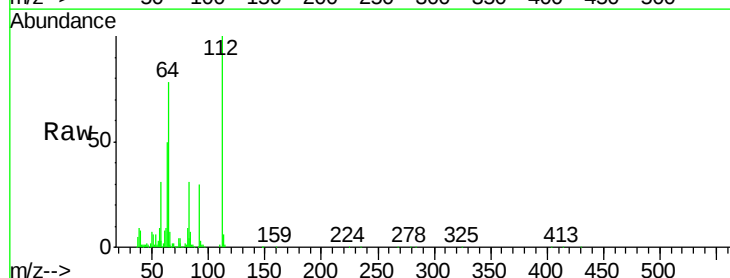
Tgt Ion:112 Resp: 214149

Ion Ratio Lower Upper

112 100

64 77.9 61.8 92.6

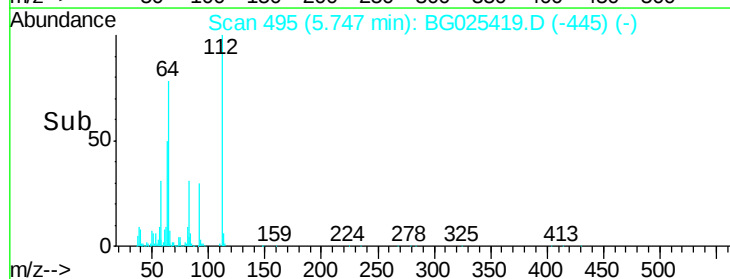
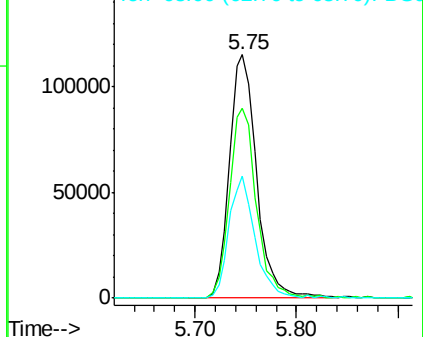
63 50.2 37.2 55.8

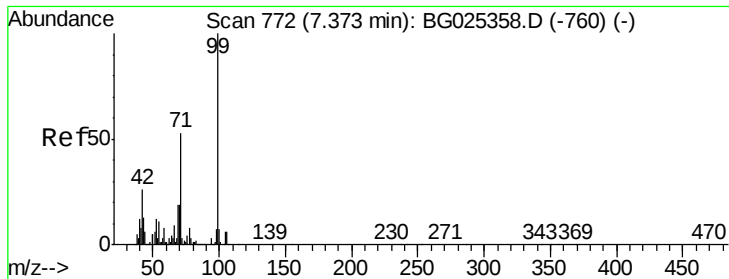


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.79 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Instrument :

BNA_G

ClientSampleId :

GMW-04

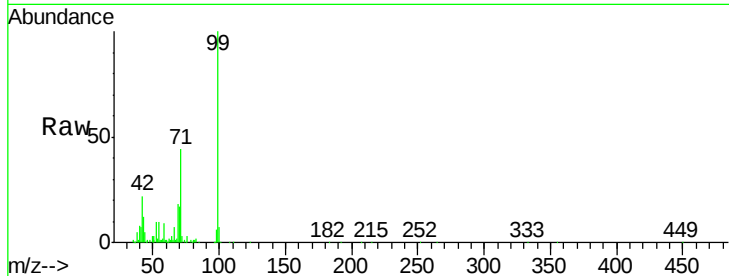
Tot Ion: 99 Resp: 193065

Ion Ratio Lower Upper

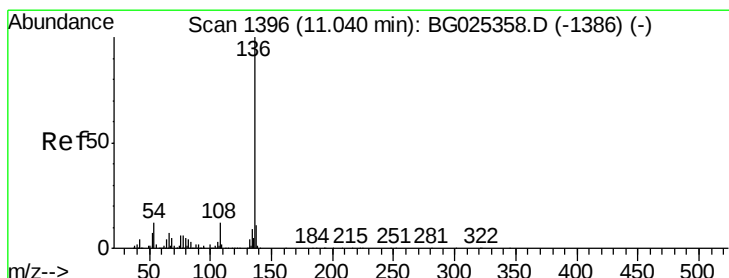
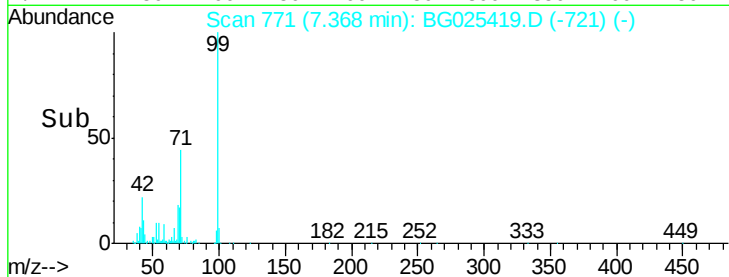
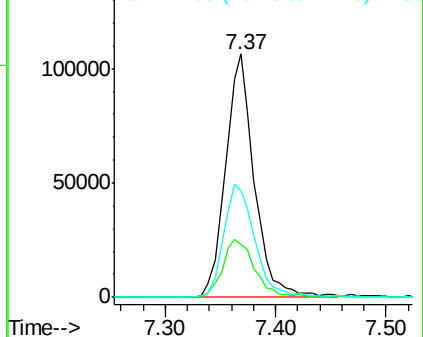
99 100

42 21.8 20.5 30.7

71 44.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Tgt Ion: 136 Resp: 219595

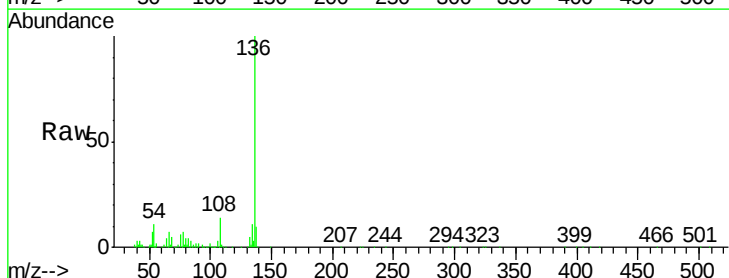
Ion Ratio Lower Upper

136 100

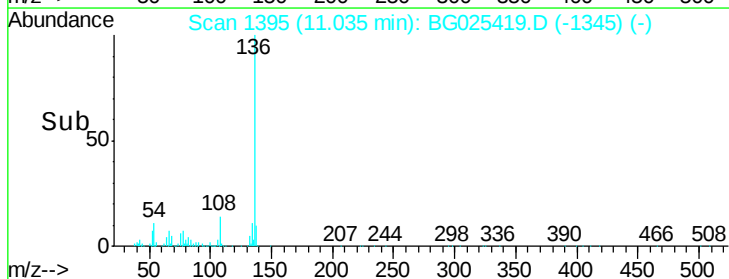
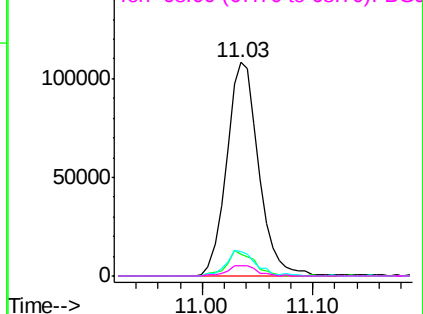
137 10.2 8.9 13.3

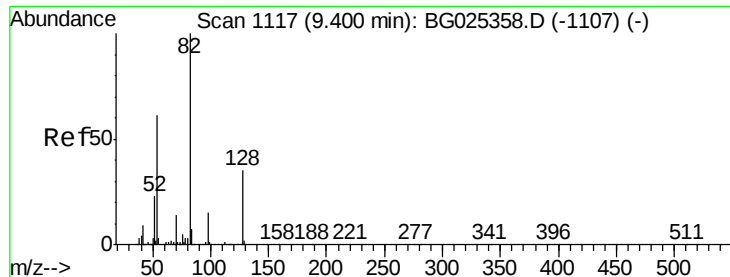
54 11.3 9.3 13.9

68 4.7 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

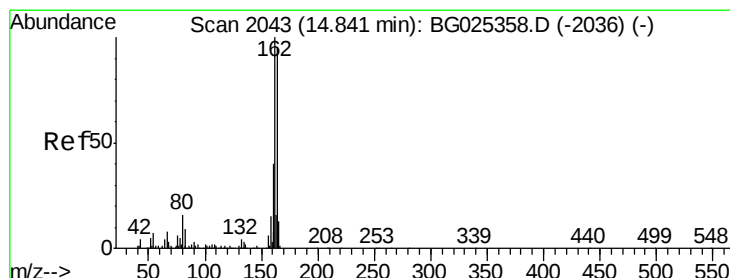
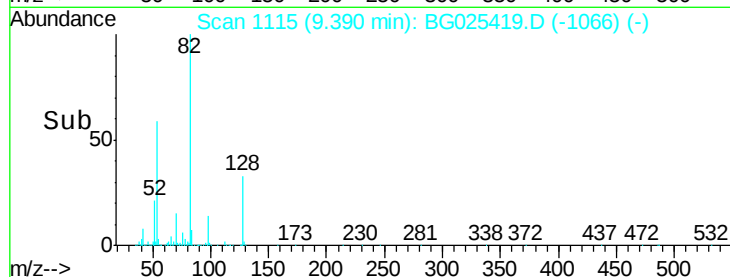
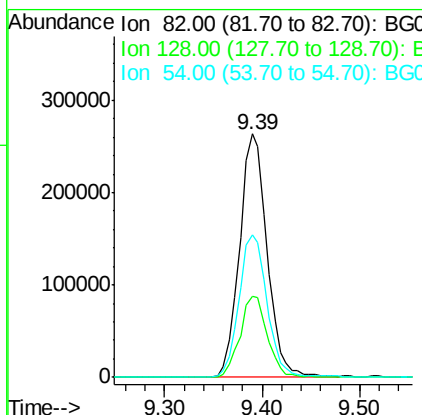
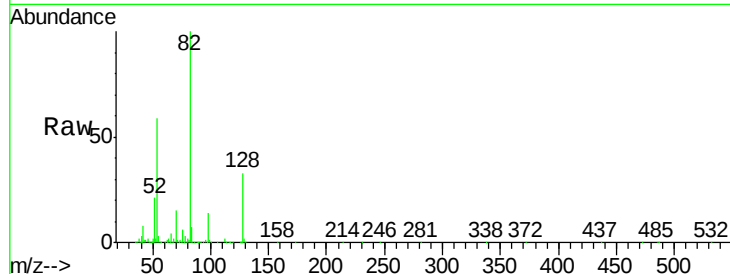




#23
 Nitrobenzene-d5
 Concen: 103.52 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BG025419.D
 Acq: 30 Dec 2016 18:38

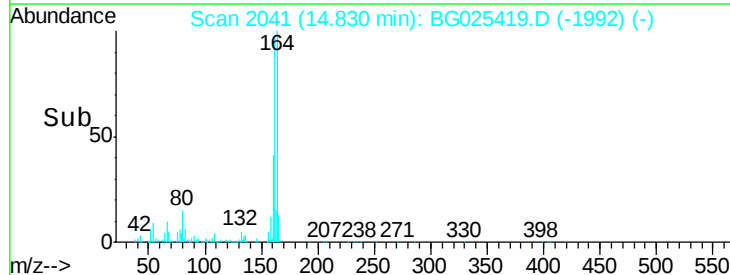
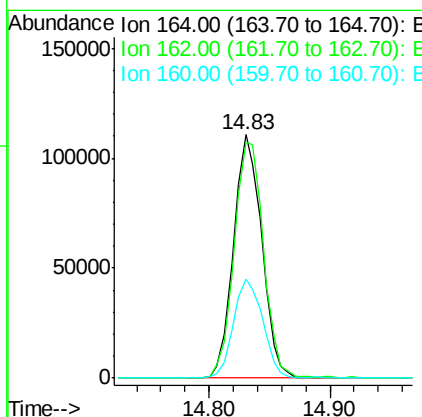
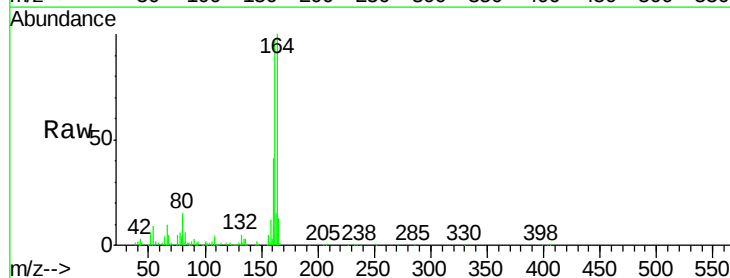
Instrument :
 BNA_G
 ClientSampleId :
 GMW-04

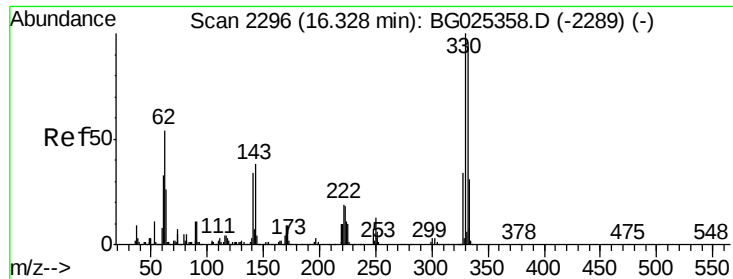
Tot Ion	82	Resp	514562
Ion Ratio	Lower	Upper	
82	100		
128	33.5	26.4	39.6
54	58.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG025419.D
 Acq: 30 Dec 2016 18:38

Tgt Ion	164	Resp	180713
Ion Ratio	Lower	Upper	
164	100		
162	96.8	85.1	127.7
160	40.5	34.7	52.1

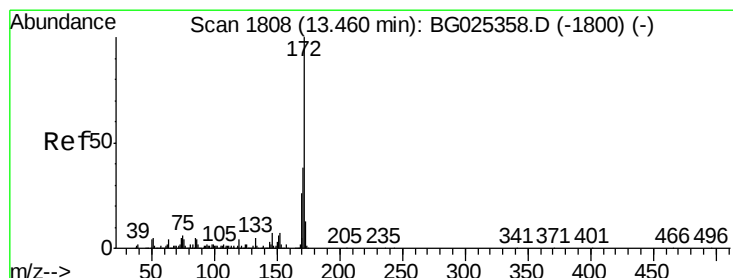
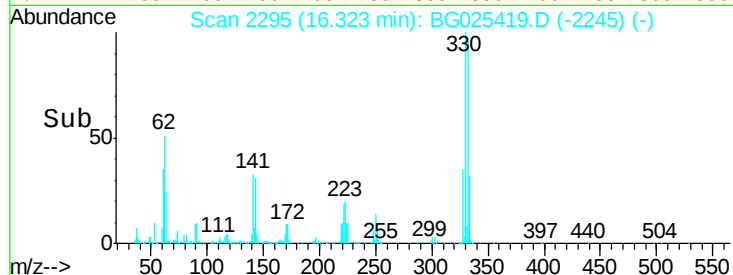
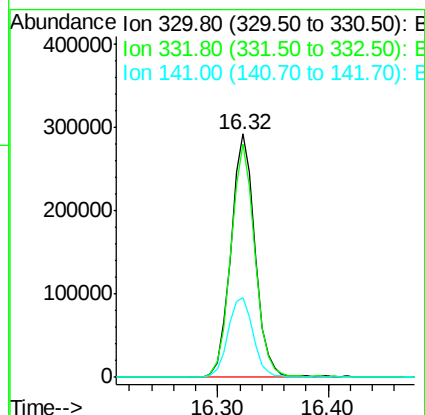
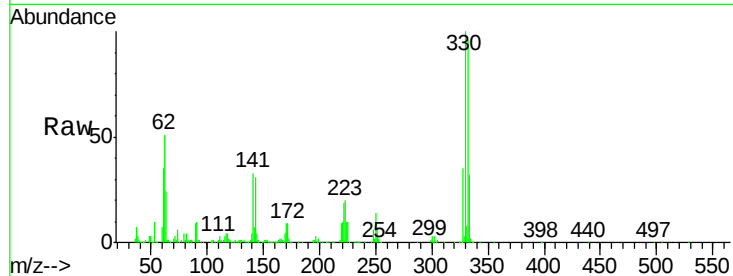




#41
 2,4,6-Tribromophenol
 Concen: 154.46 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG025419.D
 Acq: 30 Dec 2016 18:38

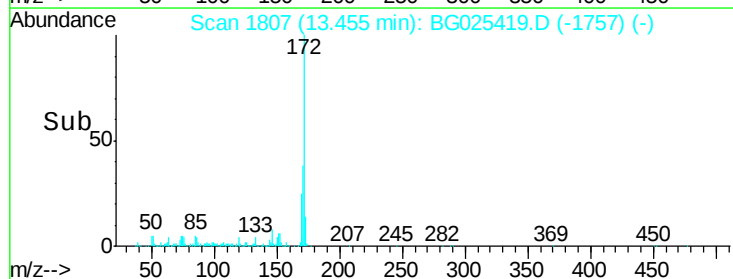
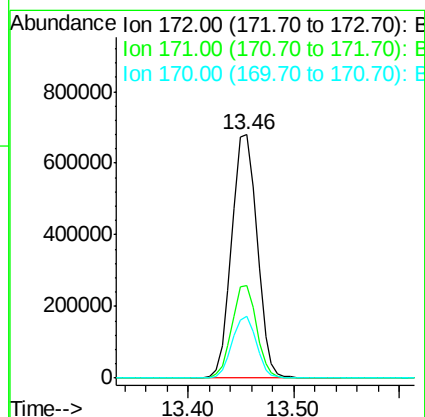
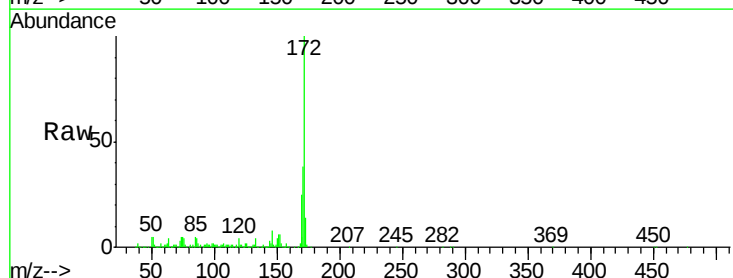
Instrument :
 BNA_G
 ClientSampleId :
 GMW-04

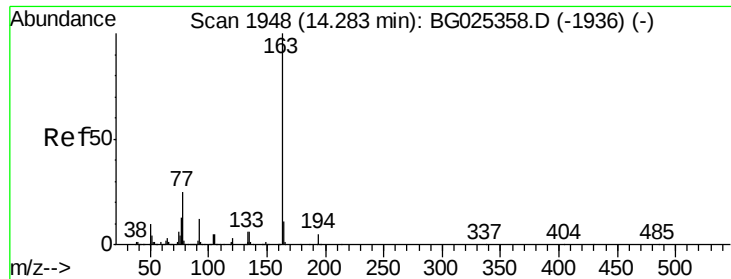
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	34.3	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 101.53 ng
 RT: 13.46 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BG025419.D
 Acq: 30 Dec 2016 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	25.4	21.8	32.6

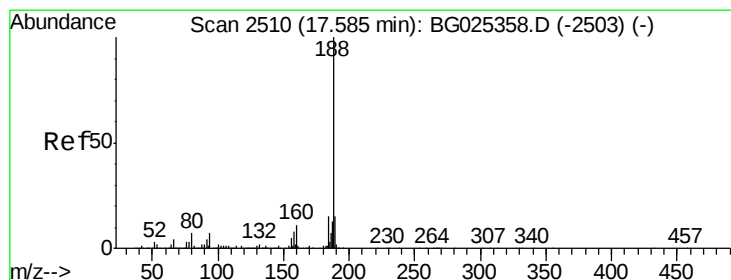
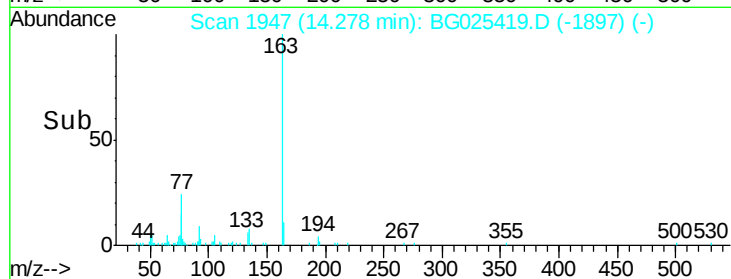
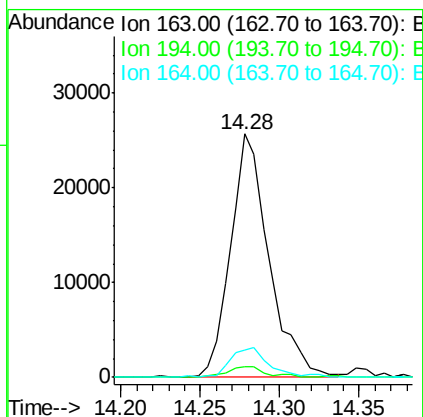
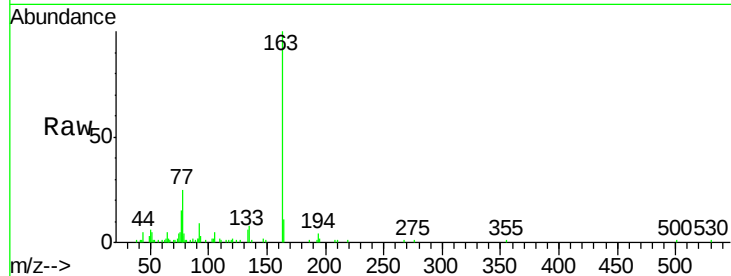




#49
Dimethylphthalate
Concen: 3.27 ng
RT: 14.28 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG025419.D
Acq: 30 Dec 2016 18:38

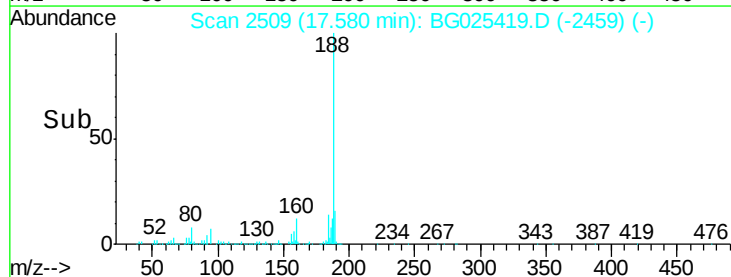
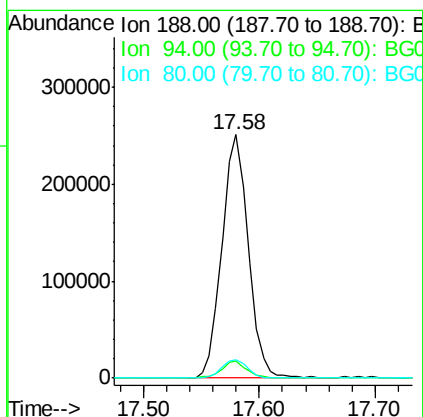
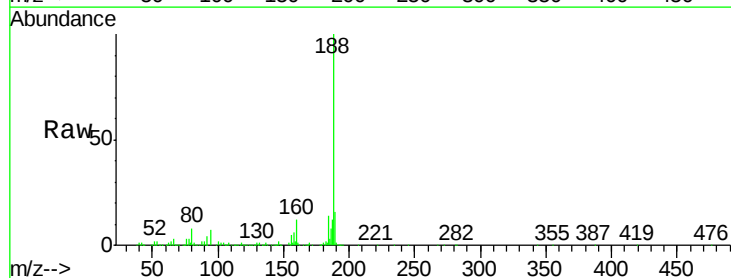
Instrument :
BNA_G
ClientSampleId :
GMW-04

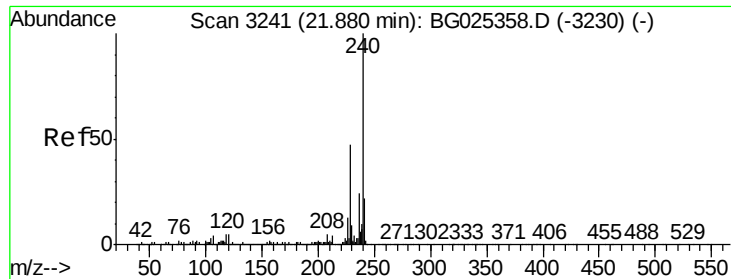
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	11.2	9.3	13.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG025419.D
Acq: 30 Dec 2016 18:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.8
80	7.7	7.5	11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

Instrument :

BNA_G

ClientSampleId :

GMW-04

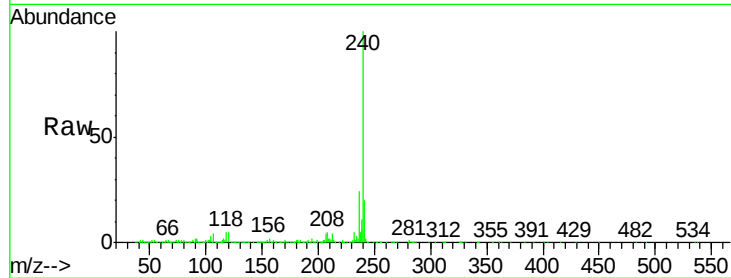
Tot Ion:240 Resp: 581953

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

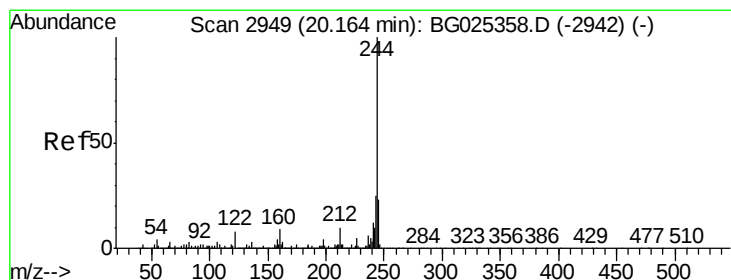
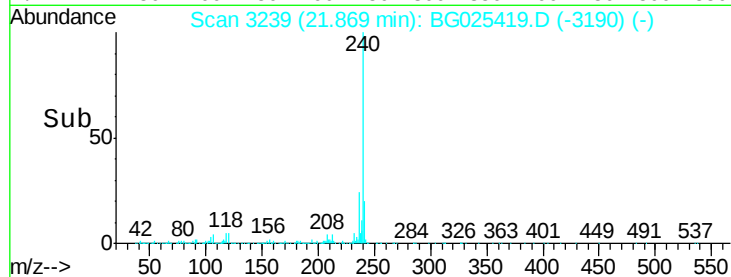
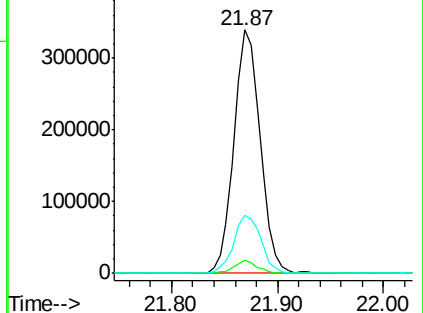
236 23.6 22.2 33.4



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: 98.80 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG025419.D

Acq: 30 Dec 2016 18:38

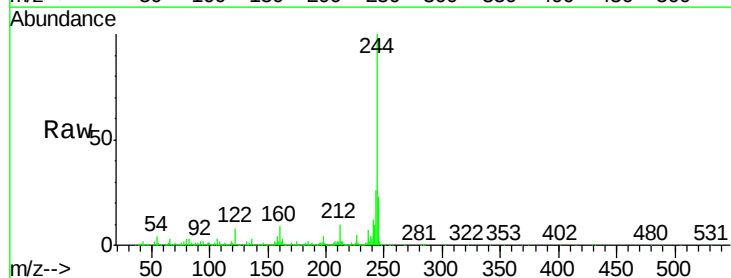
Tgt Ion:244 Resp: 2168505

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0

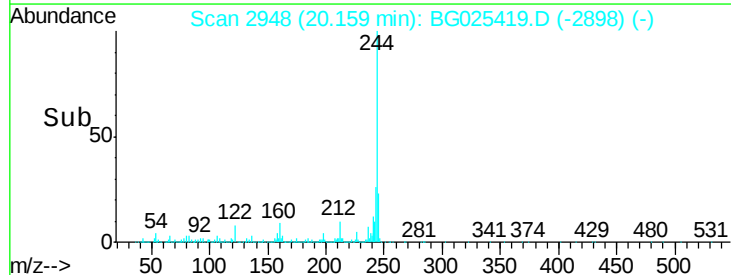
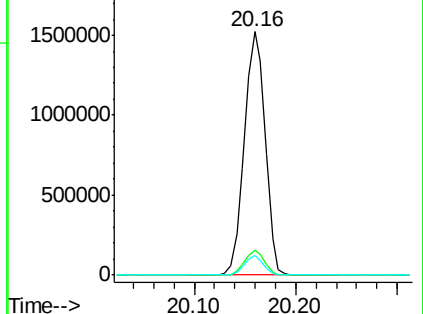
122 8.0 8.6 12.8#

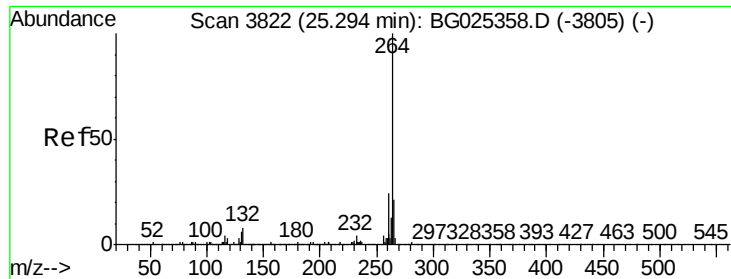


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.28 min Scan# 3819
 Delta R.T. -0.02 min
 Lab File: BG025419.D
 Acq: 30 Dec 2016 18:38

Instrument :
 BNA_G
 ClientSampleId :
 GMW-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	23.0	18.2	27.4

