

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035234.D
 Acq On : 19 Jun 2018 2:19
 Operator : SJ/JU
 Sample : J3508-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KGS-SIDE-2-3-B

Quant Time: Jun 19 07:32:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50199	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	172343	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	105537	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	301969	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	386443	20.00	ng	-0.02
86) Perylene-d12	24.92	264	180692	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	389367	130.90	ng	0.00
7) Phenol-d6	7.22	99	499301	113.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	416957	115.00	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	278015	205.78	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	909053	111.98	ng	-0.02
78) Terphenyl-d14	20.03	244	1820509	98.68	ng	-0.02

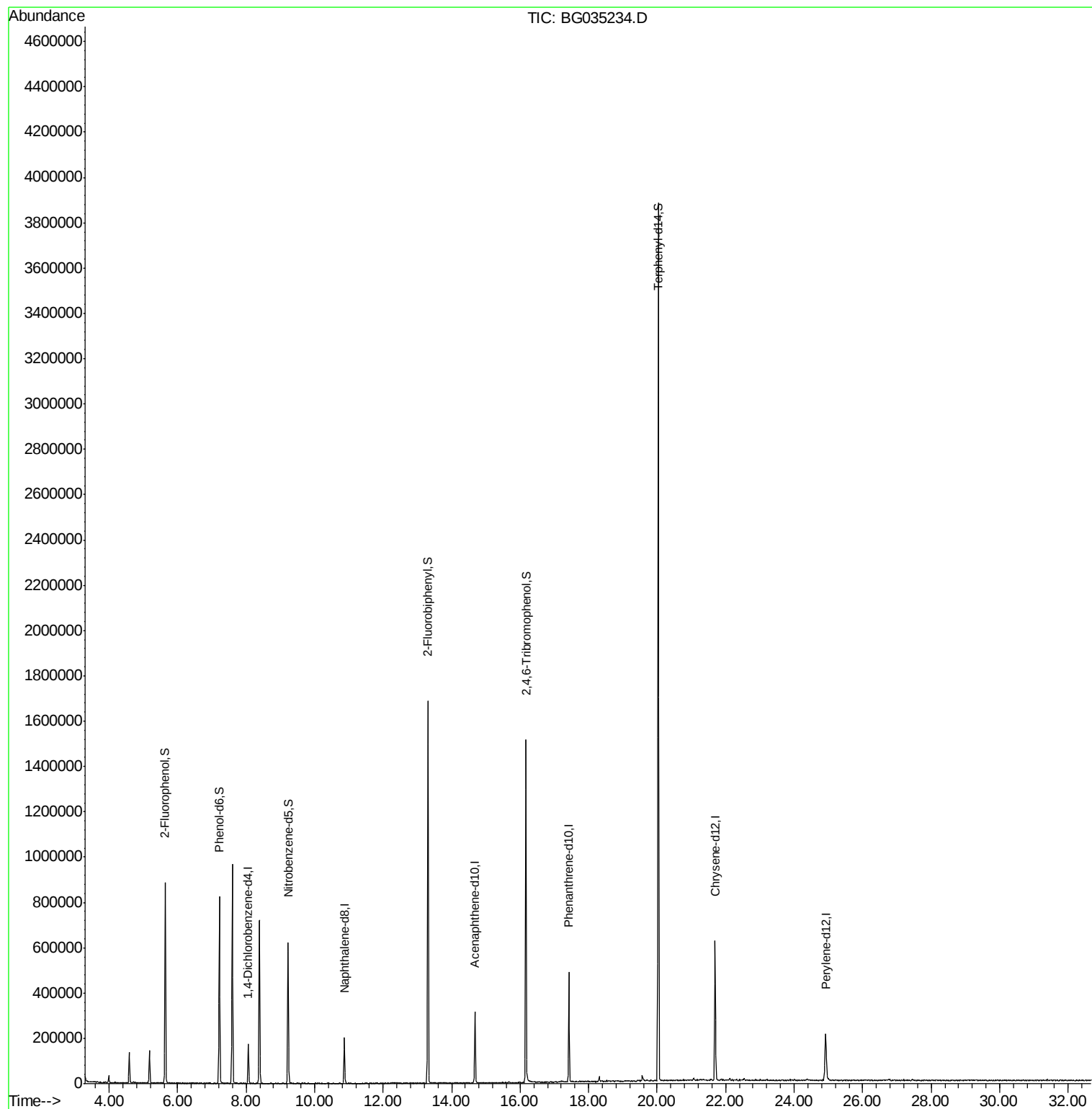
Target Compounds Qvalue

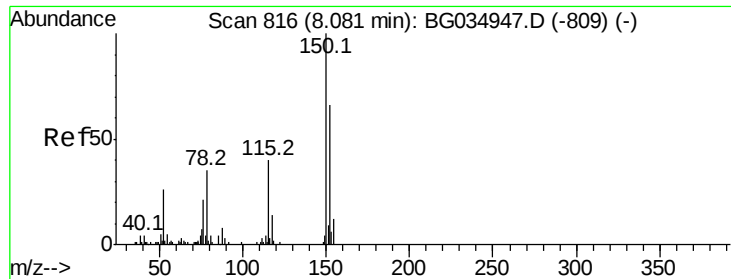
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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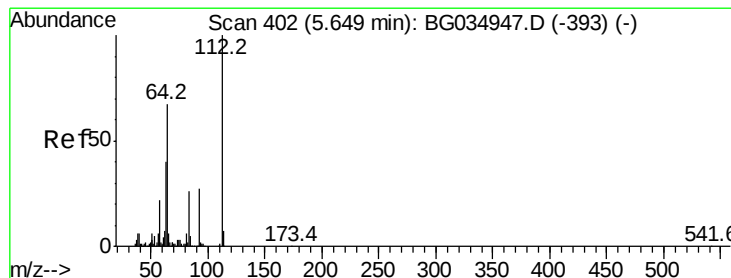
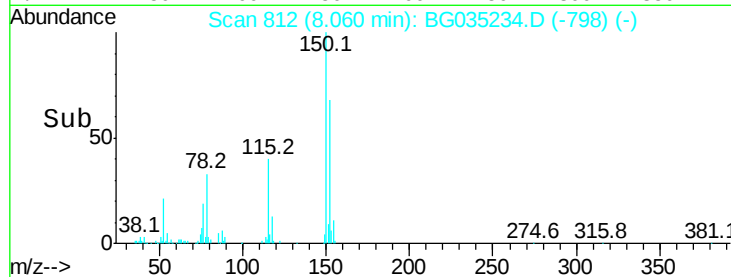
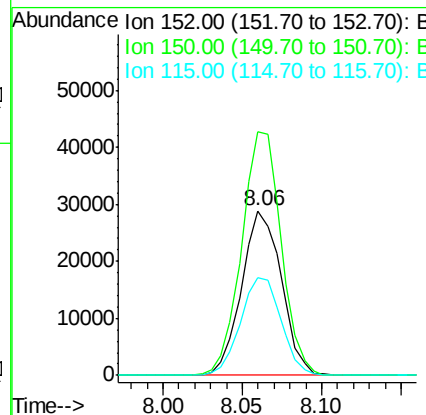
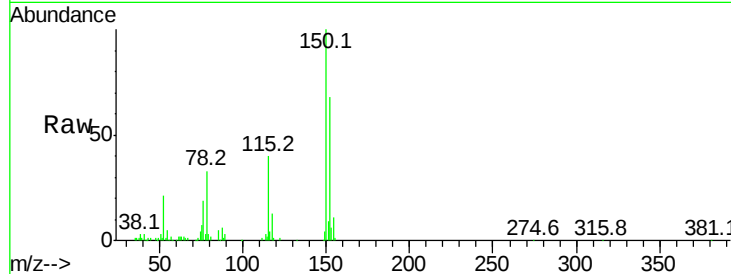


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035234.D
Acq: 19 Jun 2018 2:19

Instrument :
BNA_G
ClientSampleId :
KGS-SIDE-2-3-B

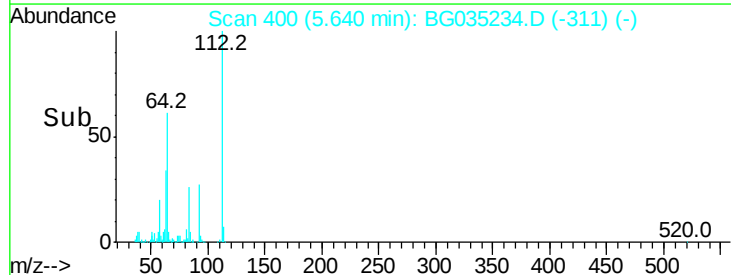
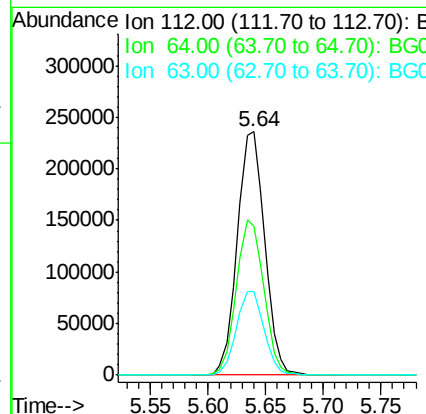
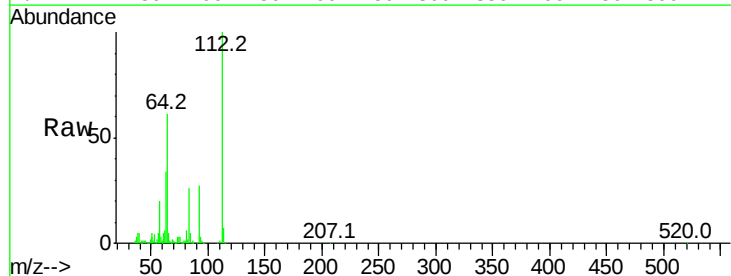
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	59.5	53.0	79.4

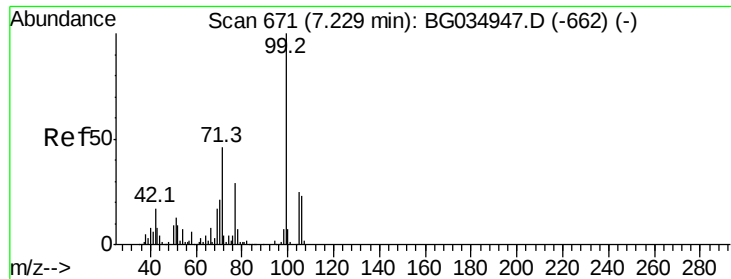


#5

2-Fluorophenol
Concen: 130.899 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035234.D
Acq: 19 Jun 2018 2:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	56.3	84.5
63	34.5	30.1	45.1





#7

Phenol-d6

Concen: 113.729 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035234.D

Acq: 19 Jun 2018 2:19

Instrument :

BNA_G

ClientSampleId :

KGS-SIDE-2-3-B

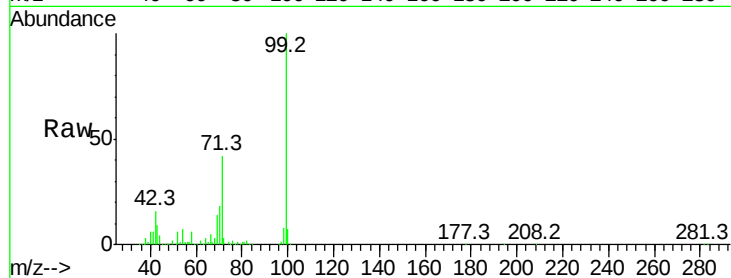
Tot Ion: 99 Resp: 499301

Ion Ratio Lower Upper

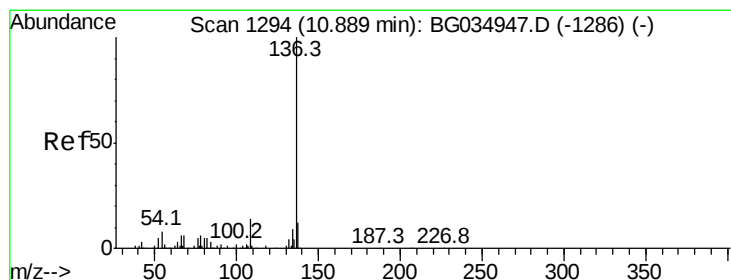
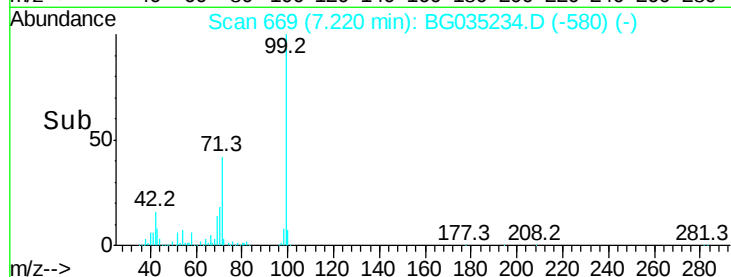
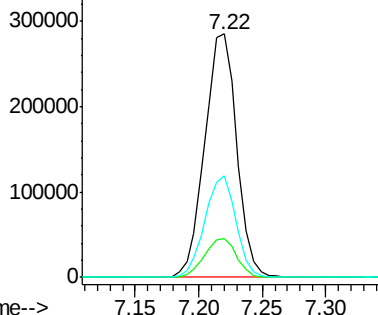
99 100

42 16.0 14.1 21.1

71 41.5 26.1 39.1#



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: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035234.D

Acq: 19 Jun 2018 2:19

Tgt Ion: 136 Resp: 172343

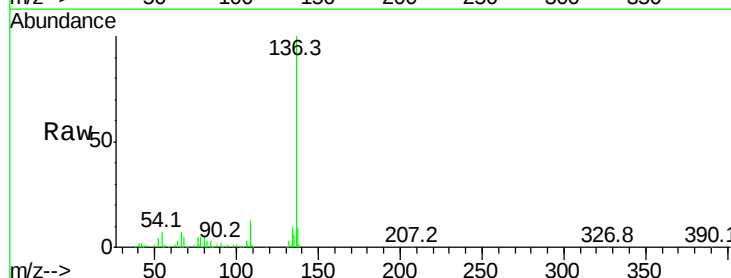
Ion Ratio Lower Upper

136 100

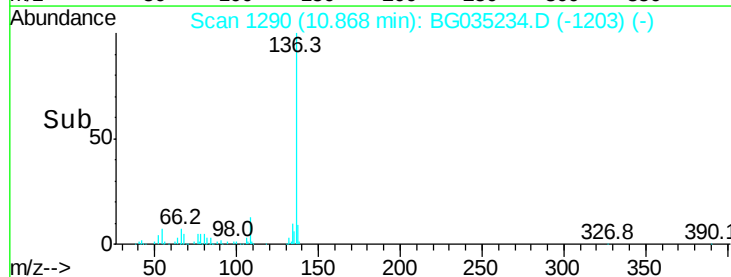
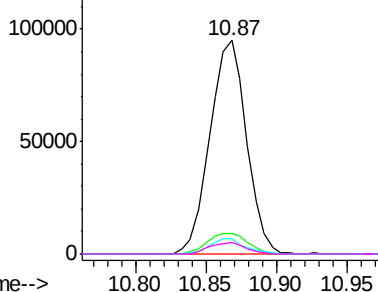
137 9.5 9.2 13.8

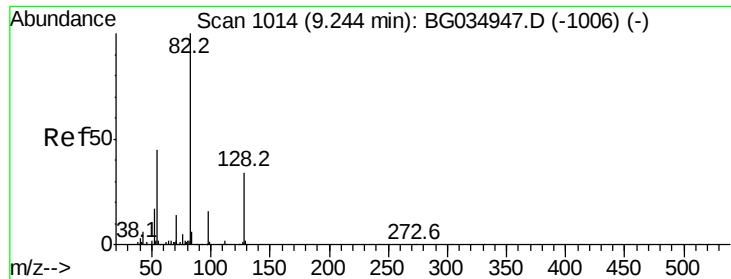
54 7.4 10.3 15.5#

68 5.3 4.5 6.7



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

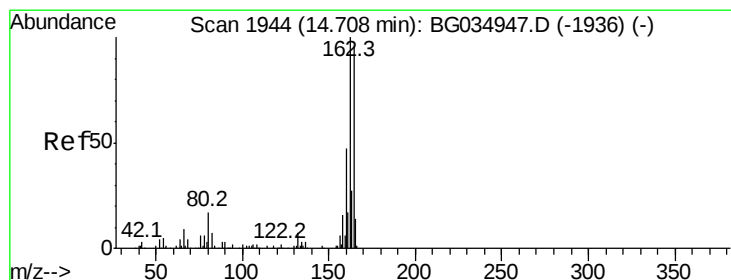
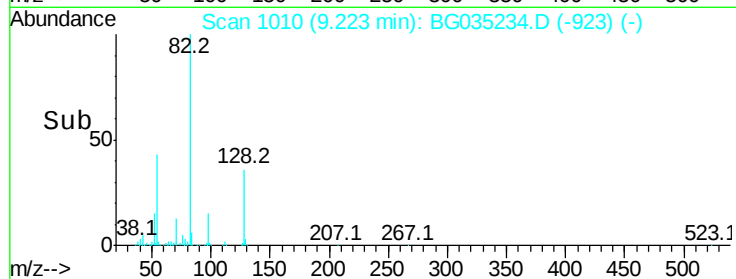
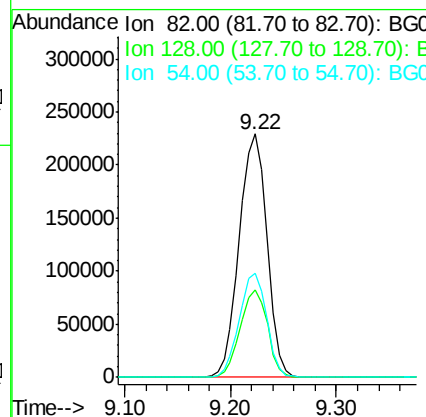
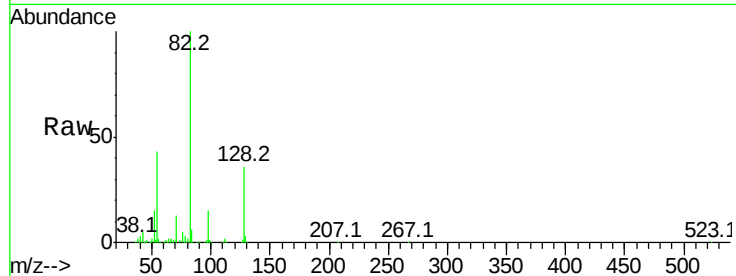




#23
 Nitrobenzene-d5
 Concen: 115.002 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035234.D
 Acq: 19 Jun 2018 2:19

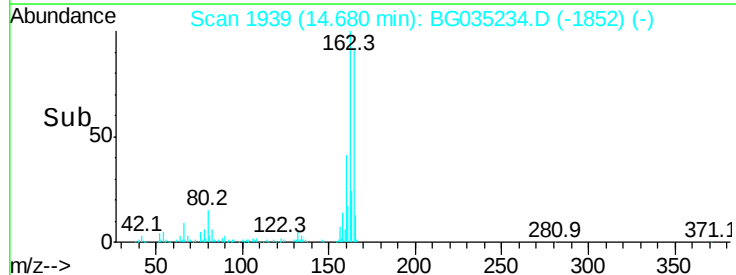
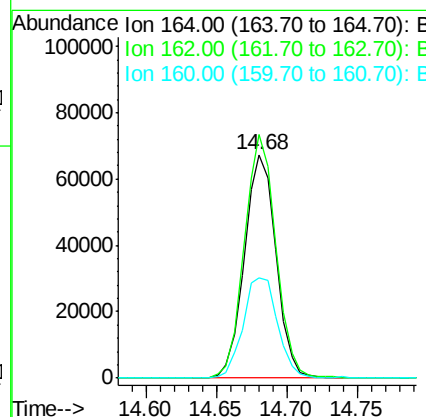
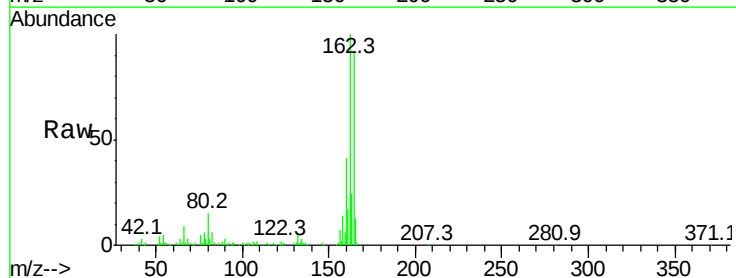
Instrument :
 BNA_G
 ClientSampleId :
 KGS-SIDE-2-3-B

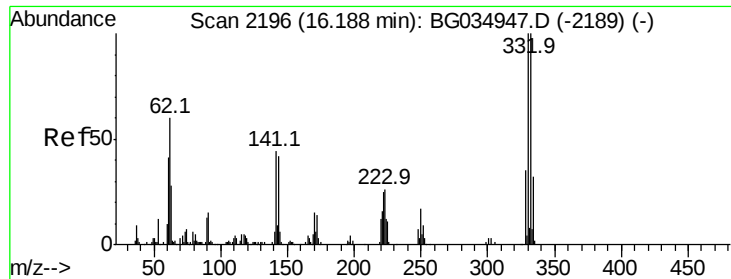
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	42.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035234.D
 Acq: 19 Jun 2018 2:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.1	78.8	118.2
160	45.2	35.4	53.0

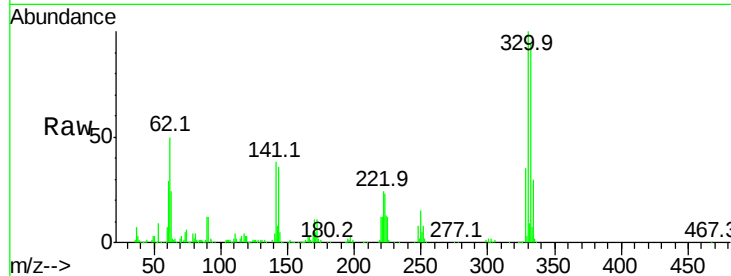




#41
 2,4,6-Tribromophenol
 Concen: 205.783 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035234.D
 Acq: 19 Jun 2018 2:19

Instrument :
 BNA_G
 ClientSampleId :
 KGS-SIDE-2-3-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.9	25.2	37.8#

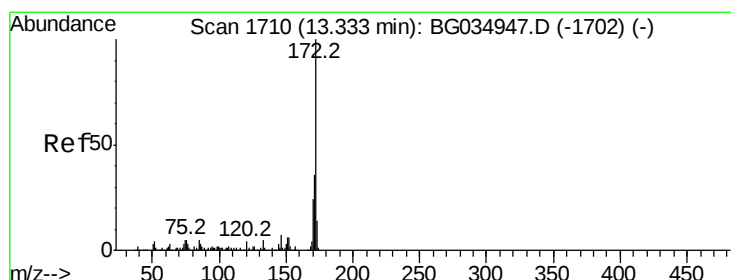
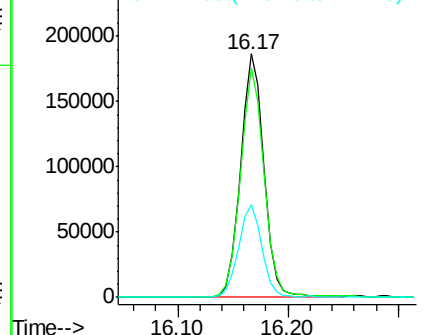
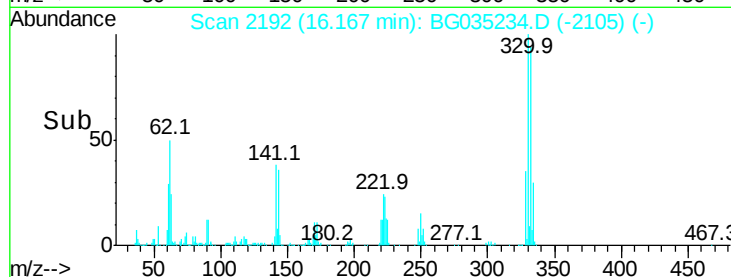


Abundance

Ion 329.80 (329.50 to 330.50): E

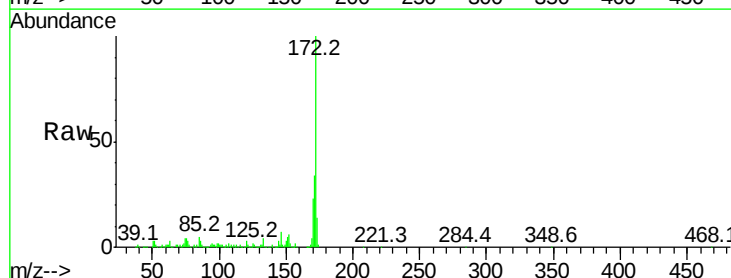
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 111.976 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035234.D
 Acq: 19 Jun 2018 2:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.2	19.5	29.3

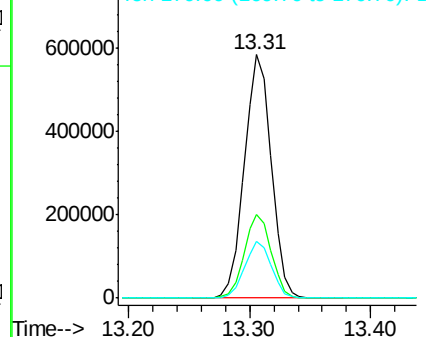
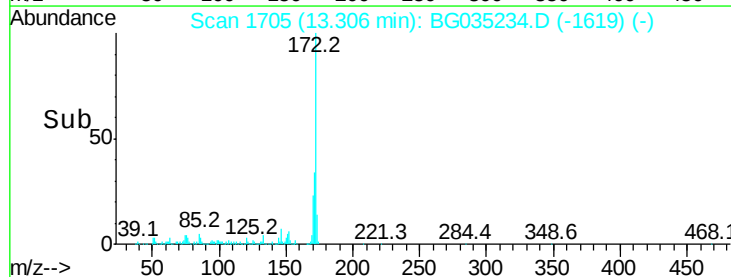


Abundance

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

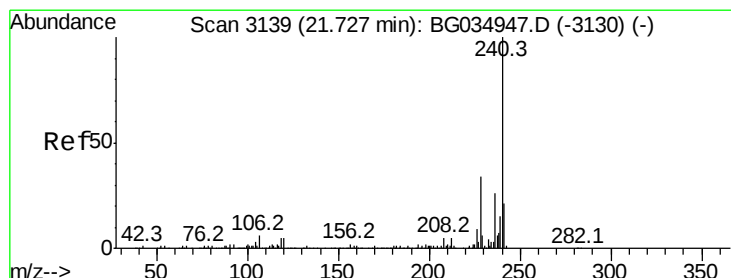
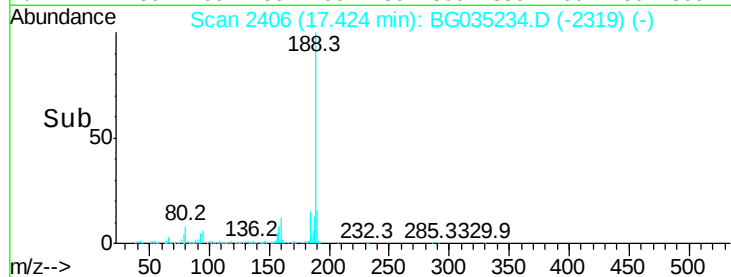
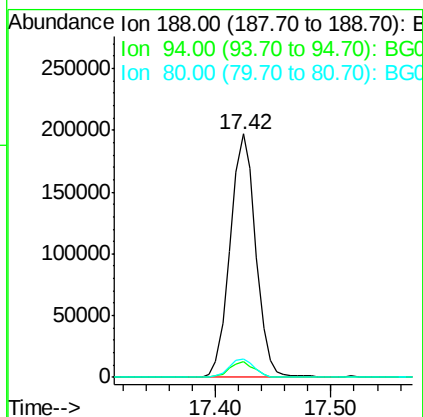
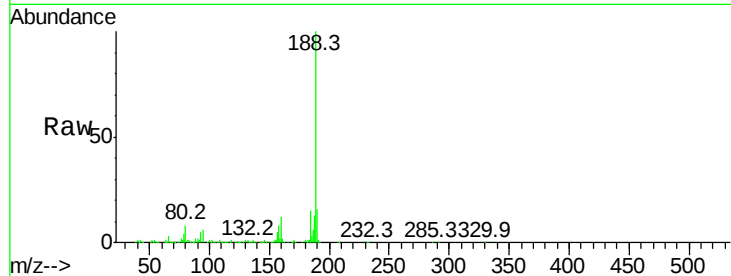




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035234.D
Acq: 19 Jun 2018 2:19

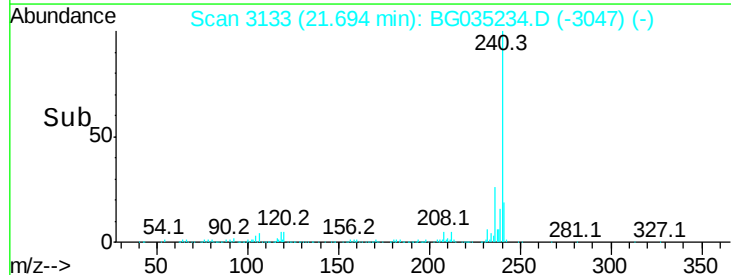
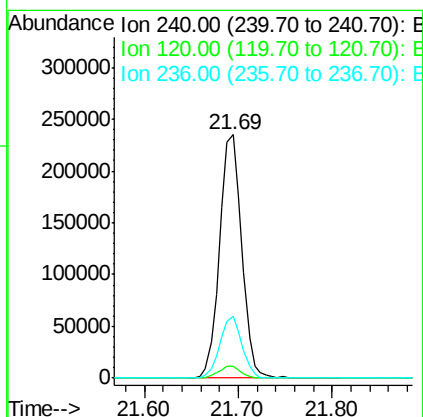
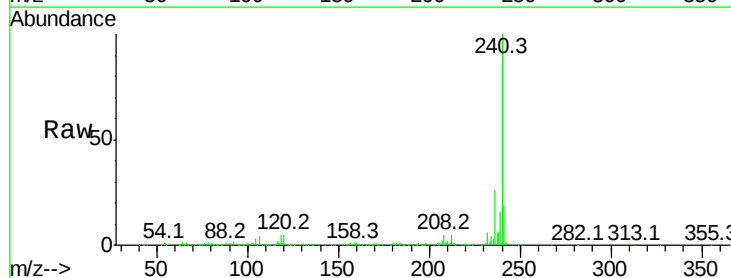
Instrument :
BNA_G
ClientSampleId :
KGS-SIDE-2-3-B

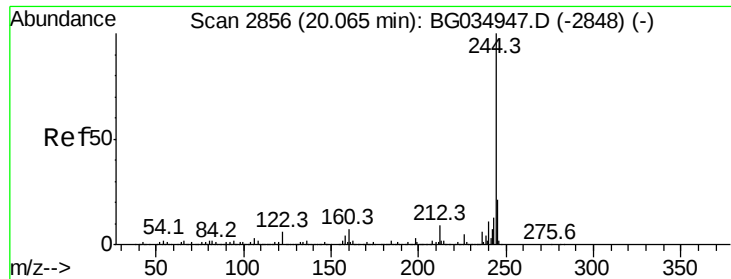
Tot Ion:188 Resp: 301969
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035234.D
Acq: 19 Jun 2018 2:19

Tgt Ion:240 Resp: 386443
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 98.679 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035234.D

Acq: 19 Jun 2018 2:19

Instrument :

BNA_G

ClientSampleId :

KGS-SIDE-2-3-B

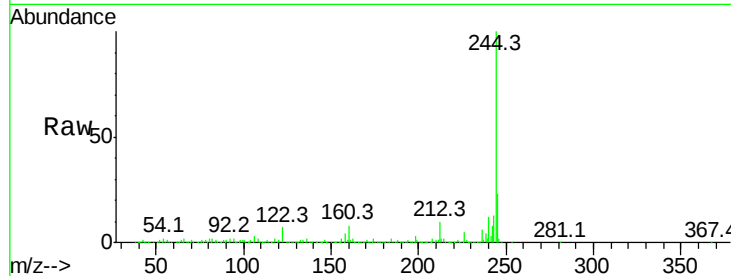
Tot Ion:244 Resp: 1820509

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

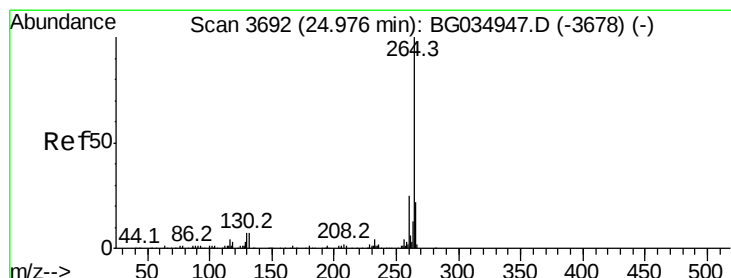
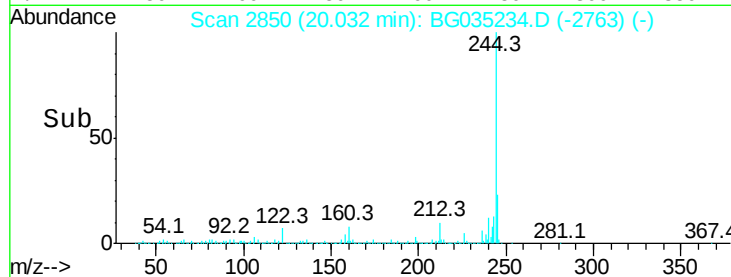
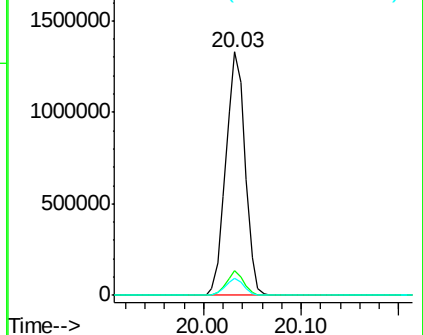
122 7.0 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG035234.D

Acq: 19 Jun 2018 2:19

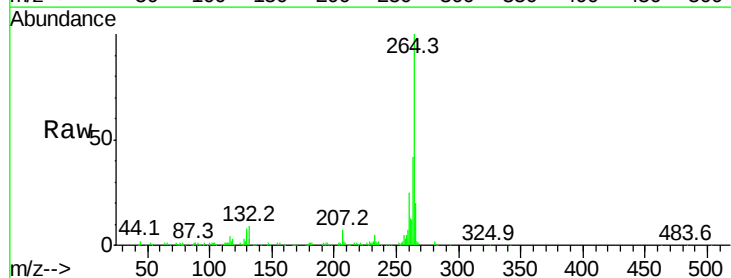
Tgt Ion:264 Resp: 180692

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 20.1 17.7 26.5



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

