

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
 Data File : BG025813.D
 Acq On : 6 Feb 2017 22:03
 Operator : SJ/MA
 Sample : I1695-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2-9

Quant Time: Feb 07 02:46:25 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	87299	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	349935	20.00	ng	-0.01
38) Acenaphthene-d10	14.79	164	88474	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	402572	20.00	ng	0.00
75) Chrysene-d12	21.83	240	93652	20.00	ng	-0.01
86) Perylene-d12	25.25	264	5047	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	733347	150.55	ng	-0.01
7) Phenol-d6	7.32	99	496063	69.73	ng	0.00
23) Nitrobenzene-d5	9.34	82	816605	98.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	517614	410.24	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1540725	282.83	ng	-0.01
78) Terphenyl-d14	20.12	244	1793496	462.24	ng	-0.01

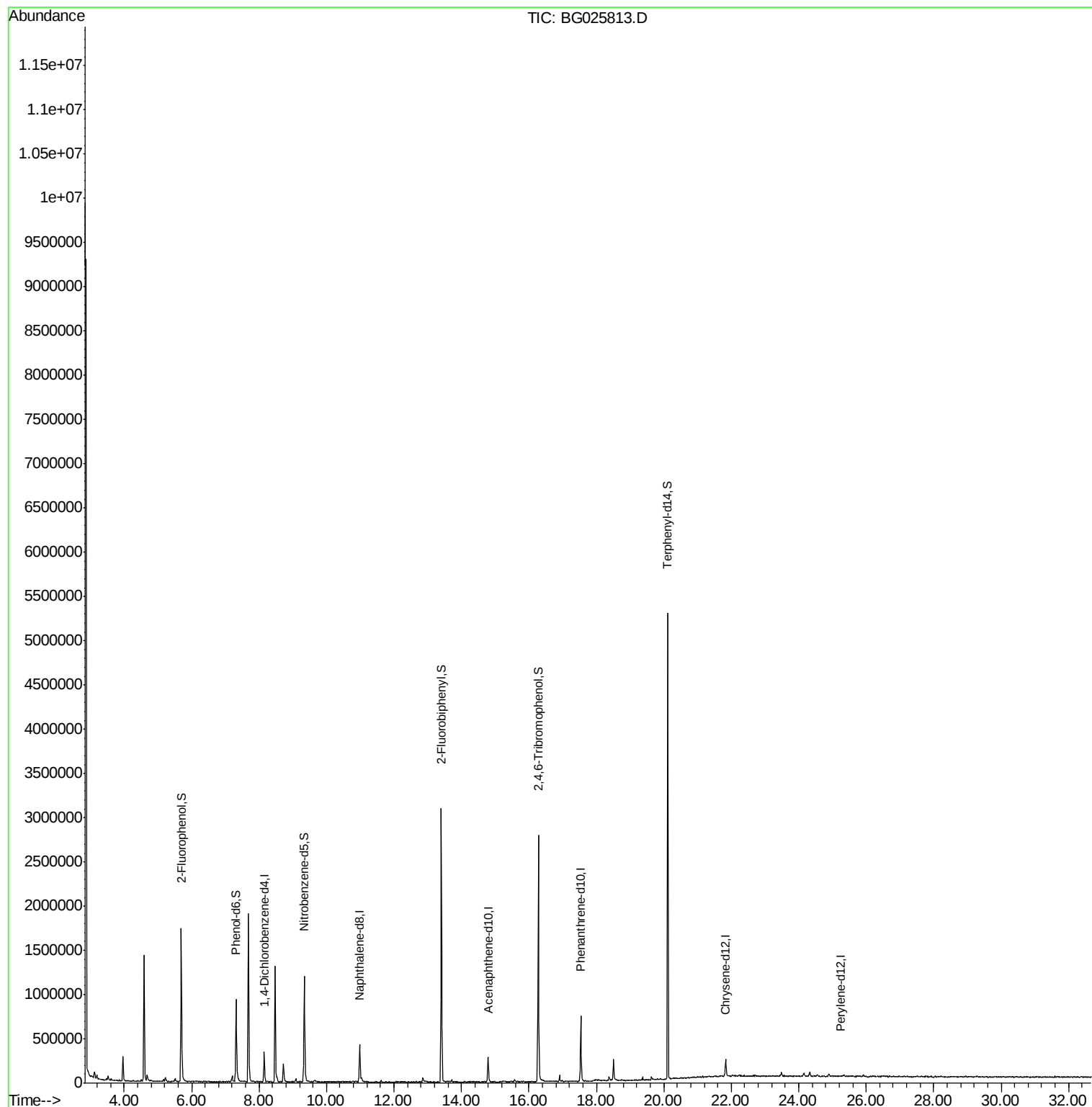
Target Compounds Qvalue

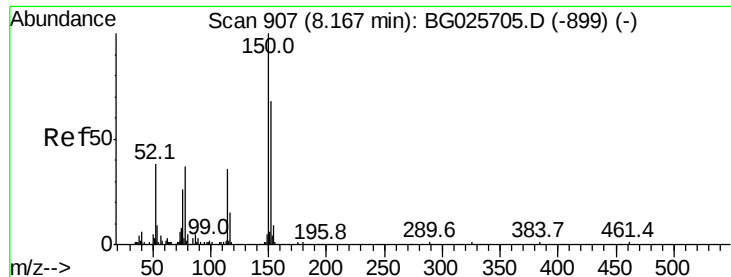
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020617\
Data File : BG025813.D
Acq On : 6 Feb 2017 22:03
Operator : SJ/MA
Sample : I1695-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B2-9

Quant Time: Feb 07 02:46:25 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG025813.D

Acq: 6 Feb 2017 22:03

Instrument :

BNA_G

ClientSampleId :

B2-9

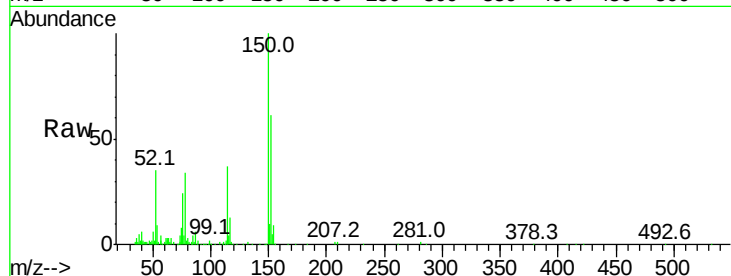
Tot Ion:152 Resp: 87299

Ion Ratio Lower Upper

152 100

150 164.9 114.0 171.0

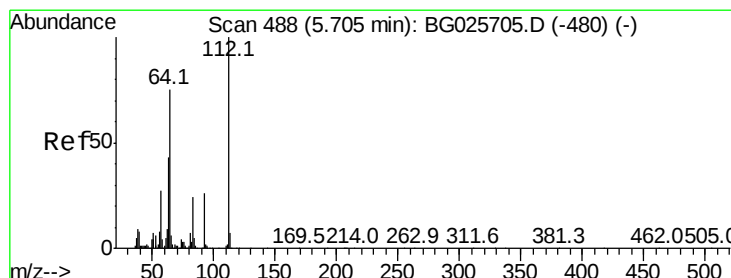
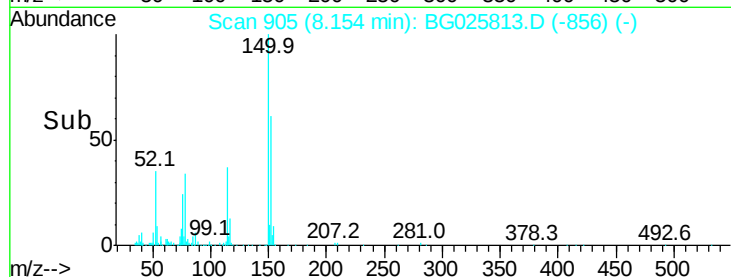
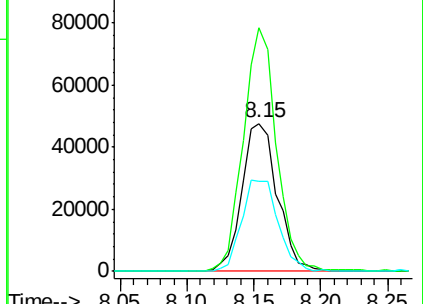
115 61.3 48.1 72.1



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: 150.55 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG025813.D

Acq: 6 Feb 2017 22:03

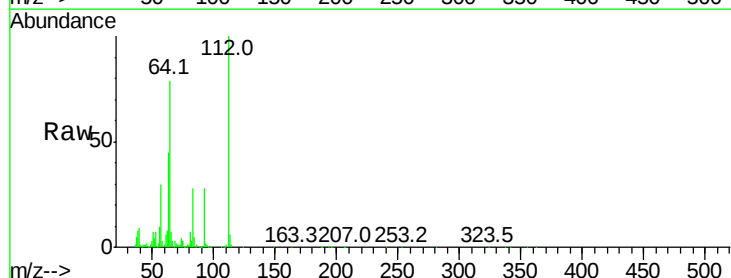
Tgt Ion:112 Resp: 733347

Ion Ratio Lower Upper

112 100

64 79.4 61.8 92.6

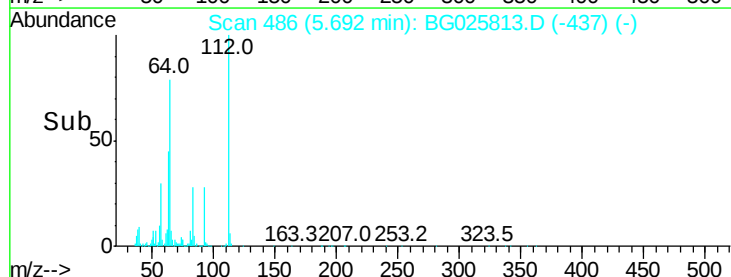
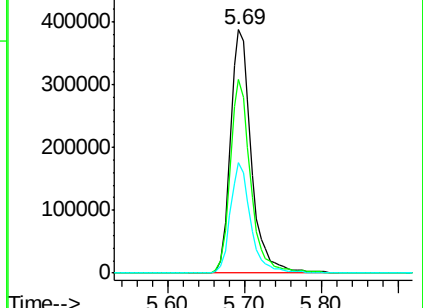
63 45.3 37.2 55.8

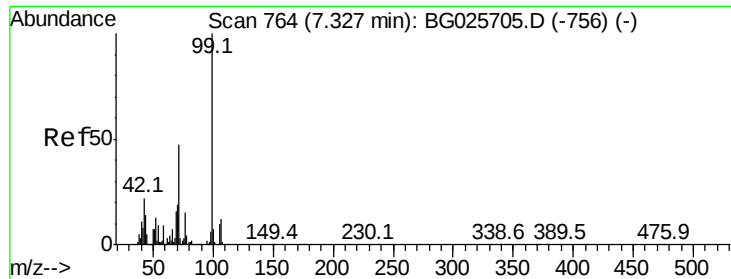


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 69.73 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG025813.D

Acq: 6 Feb 2017 22:03

Instrument :

BNA_G

ClientSampleId :

B2-9

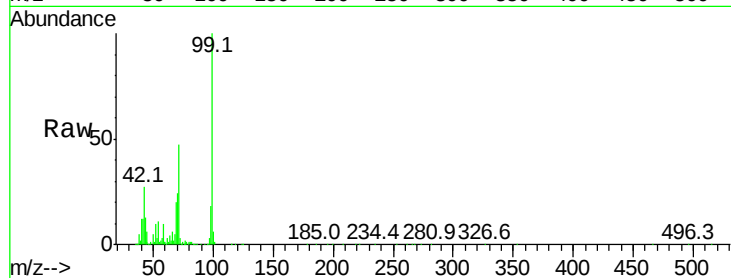
Tot Ion: 99 Resp: 496063

Ion Ratio Lower Upper

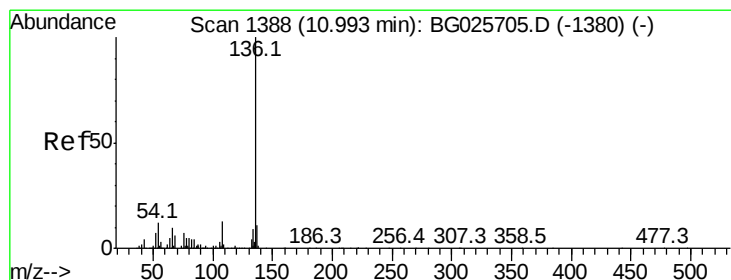
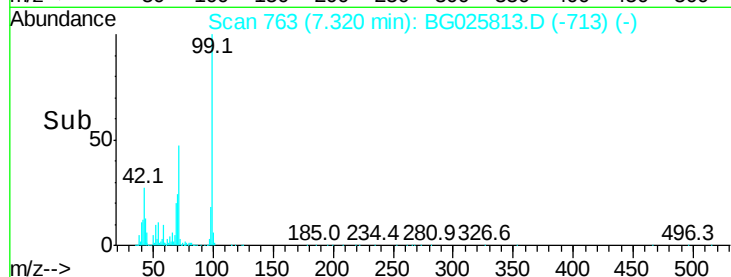
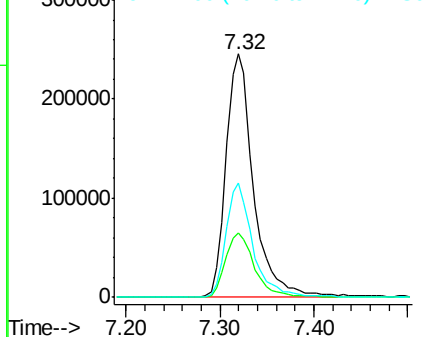
99 100

42 26.7 20.5 30.7

71 46.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG025813.D

Acq: 6 Feb 2017 22:03

Tgt Ion: 136 Resp: 349935

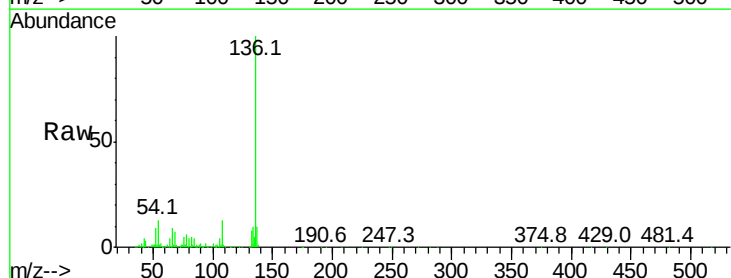
Ion Ratio Lower Upper

136 100

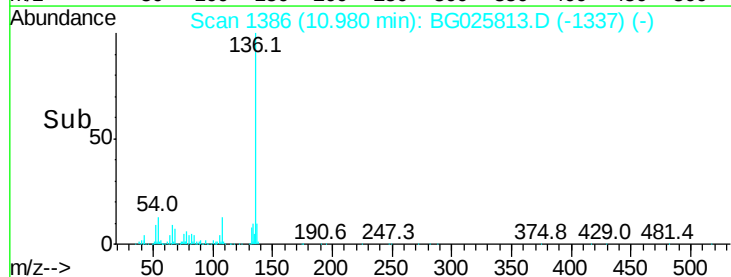
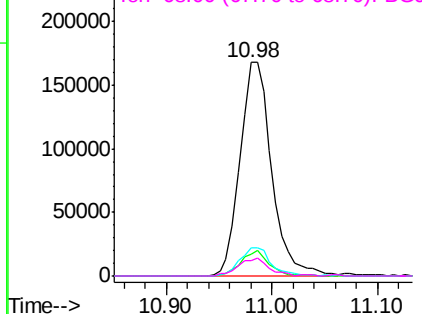
137 10.1 8.9 13.3

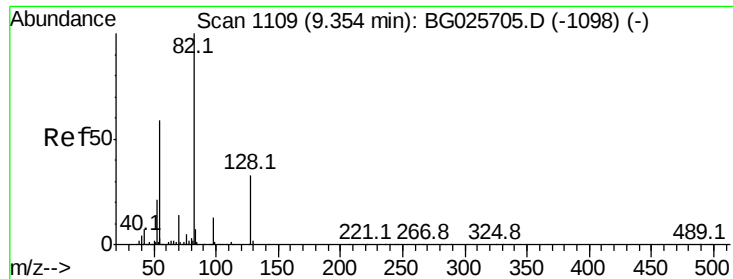
54 13.4 9.3 13.9

68 7.0 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

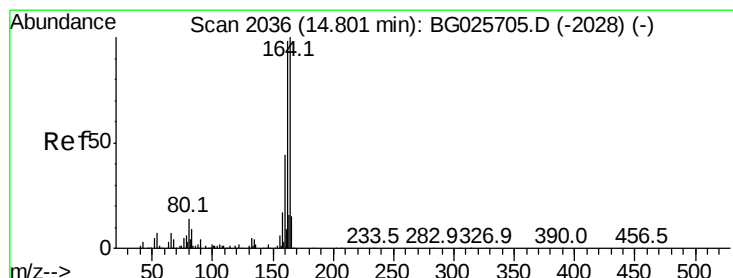
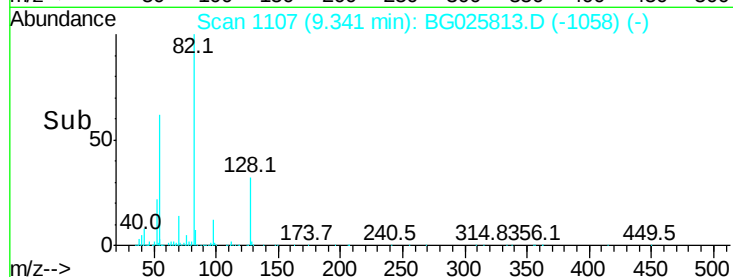
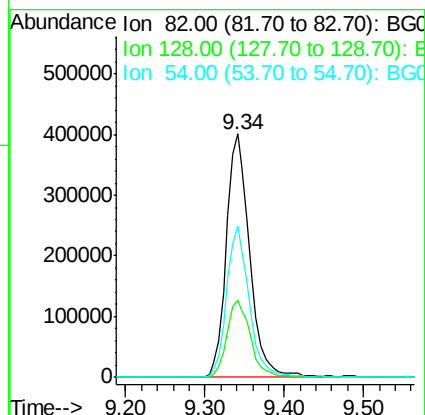
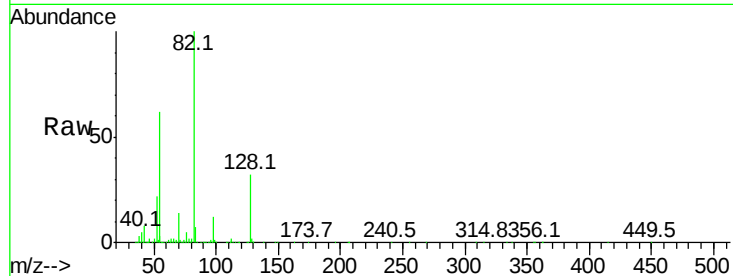




#23
Nitrobenzene-d5
Concen: 98.60 ng
RT: 9.34 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

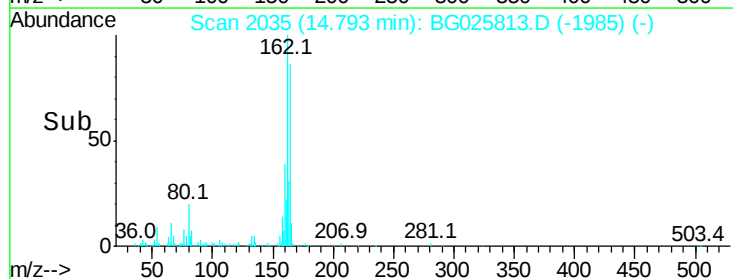
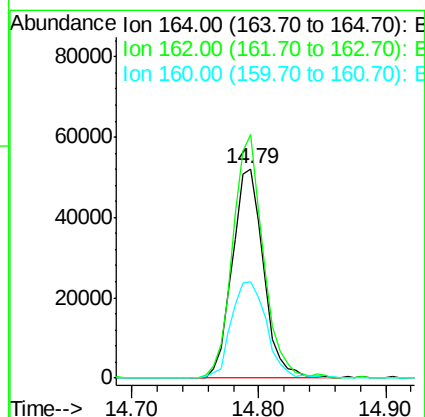
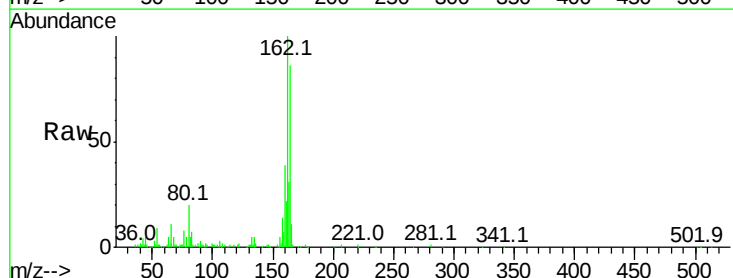
Instrument :
BNA_G
ClientSampled :
B2-9

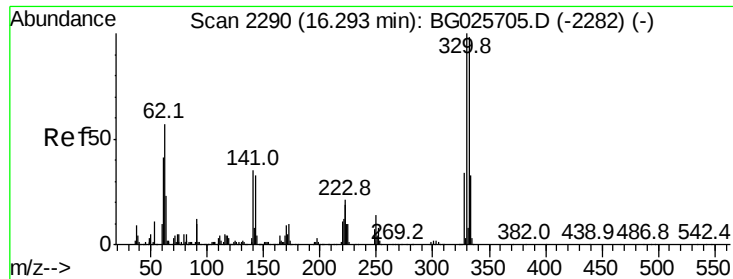
Tot Ion	82	Resp	816605
Ion Ratio	100	Lower	Upper
128	31.7	26.4	39.6
54	62.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG025813.D
Acq: 6 Feb 2017 22:03

Tgt Ion	164	Resp	88474
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	116.2	85.1	127.7
160	45.8	34.7	52.1

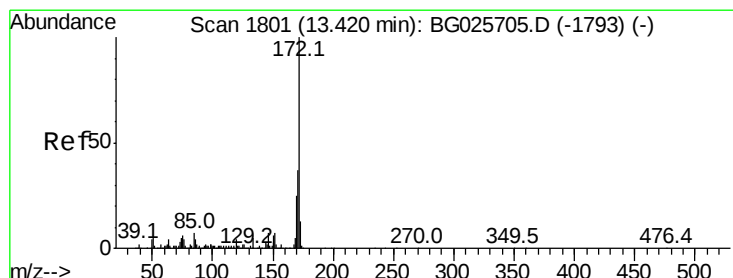
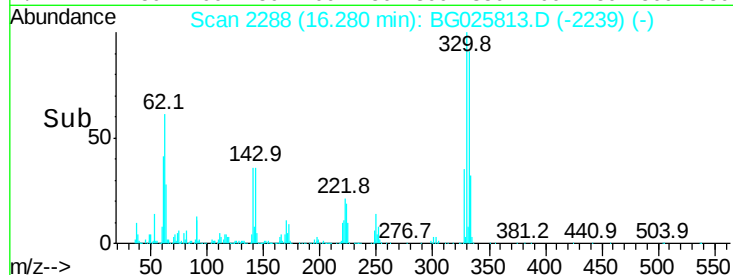
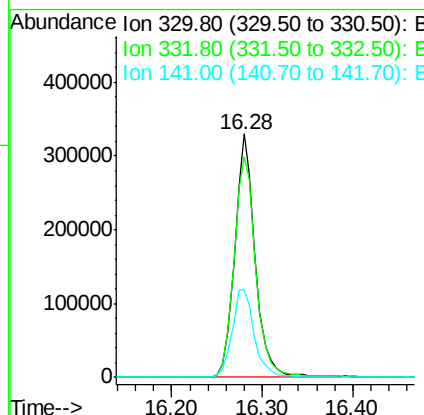
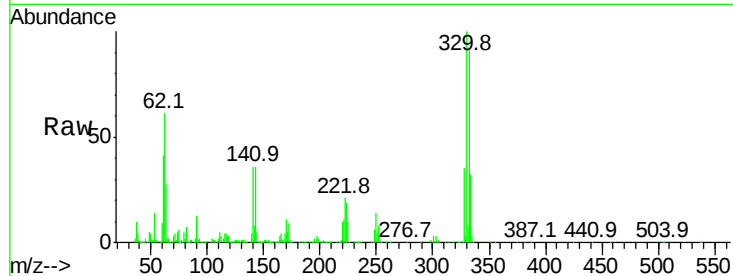




#41
 2,4,6-Tribromophenol
 Concen: 410.24 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG025813.D
 Acq: 6 Feb 2017 22:03

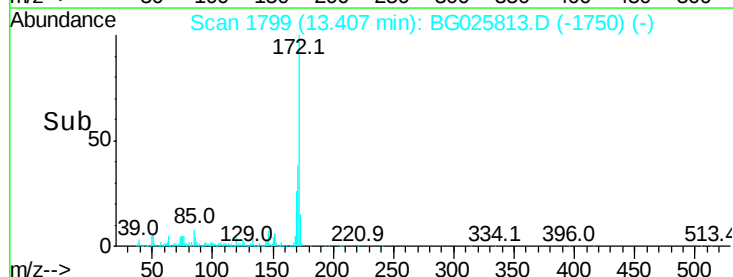
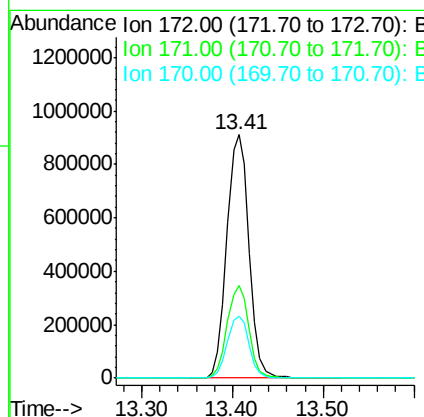
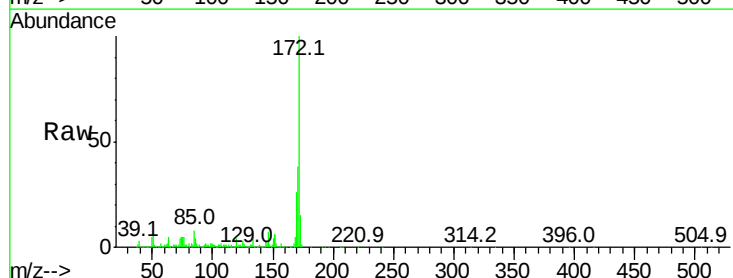
Instrument :
 BNA_G
 ClientSampled :
 B2-9

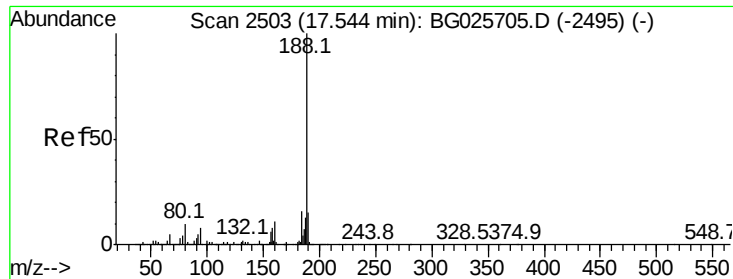
Tot Ion:330 Resp: 517614
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 39.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 282.83 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG025813.D
 Acq: 6 Feb 2017 22:03

Tgt Ion:172 Resp: 1540725
 Ion Ratio Lower Upper
 172 100
 171 38.2 32.2 48.2
 170 25.7 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG025813.D

Acq: 6 Feb 2017 22:03

Instrument :

BNA_G

ClientSampleId :

B2-9

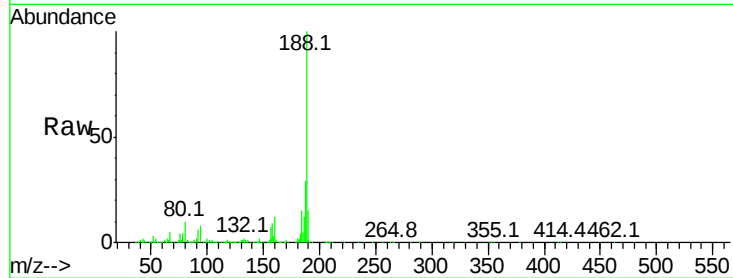
Tot Ion:188 Resp: 402572

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.8

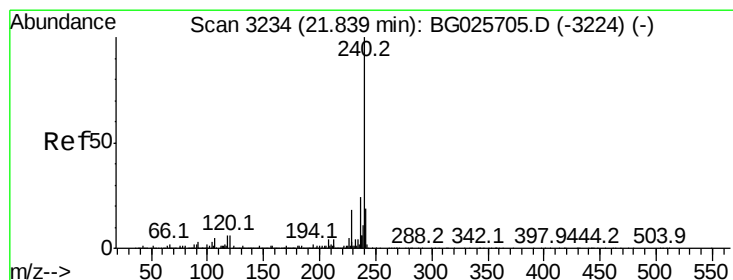
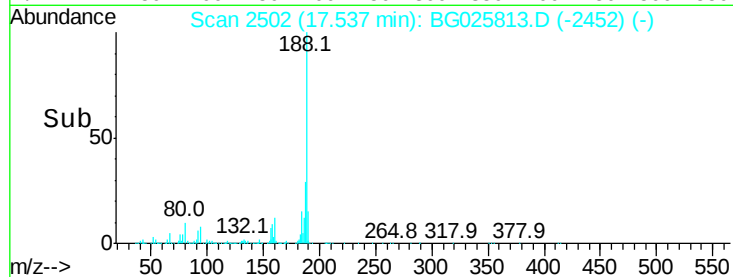
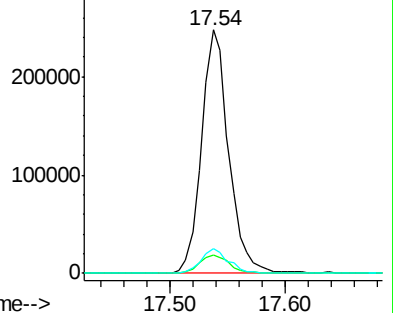
80 10.1 7.5 11.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025813.D

Acq: 6 Feb 2017 22:03

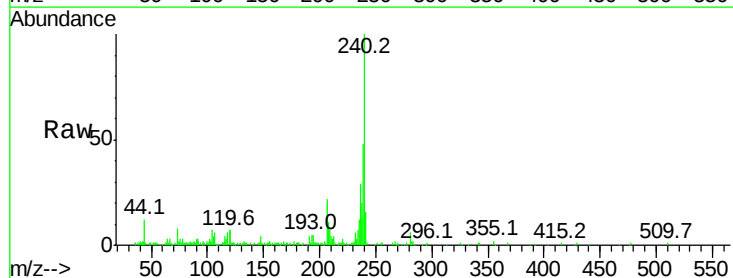
Tgt Ion:240 Resp: 93652

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

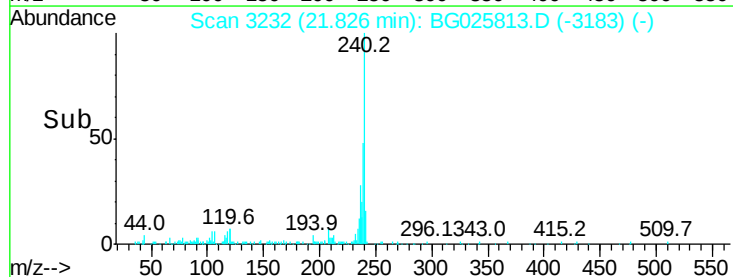
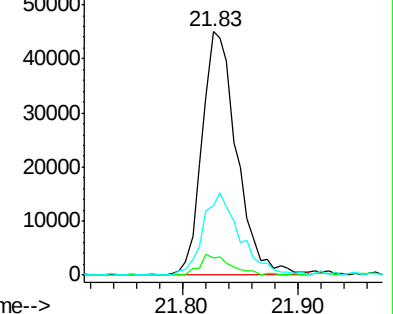
236 28.5 22.2 33.4

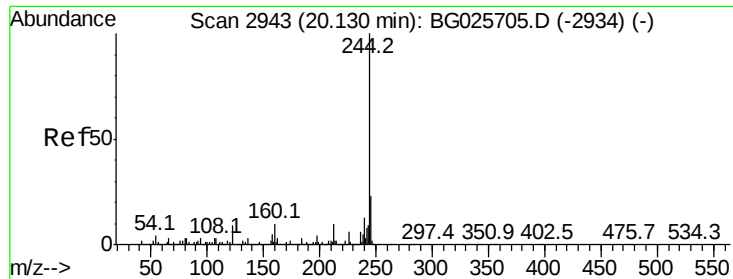


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 462.24 ng

RT: 20.12 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BG025813.D

Acq: 6 Feb 2017 22:03

Instrument :

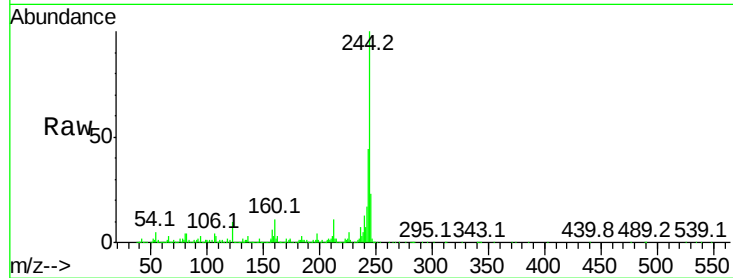
BNA_G

ClientSampleId :

B2-9

Tot Ion:244 Resp: 1793496

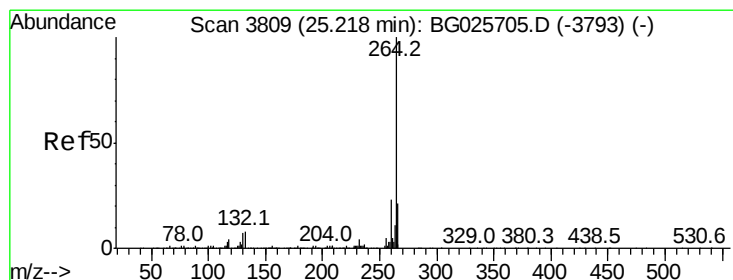
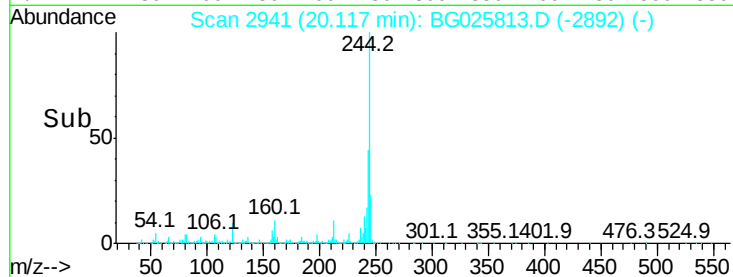
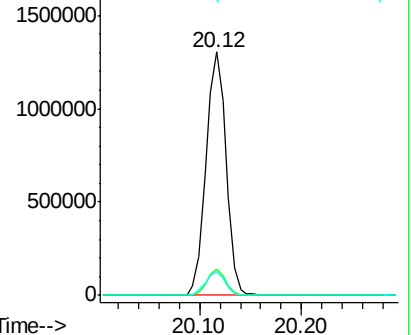
Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.0	15.0
122	9.7	8.6	12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3814

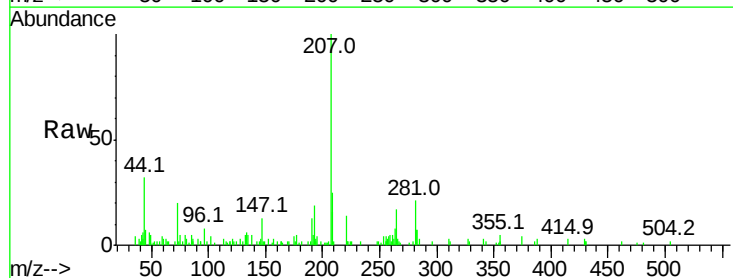
Delta R.T. 0.03 min

Lab File: BG025813.D

Acq: 6 Feb 2017 22:03

Tgt Ion:264 Resp: 5047

Ion	Ratio	Lower	Upper
264	100		
260	10.6	21.8	32.8#
265	38.3	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

