

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028725.D
 Acq On : 14 Sep 2017 10:02
 Operator : SJ/JU
 Sample : I5208-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-091117-C

Quant Time: Sep 14 11:06:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

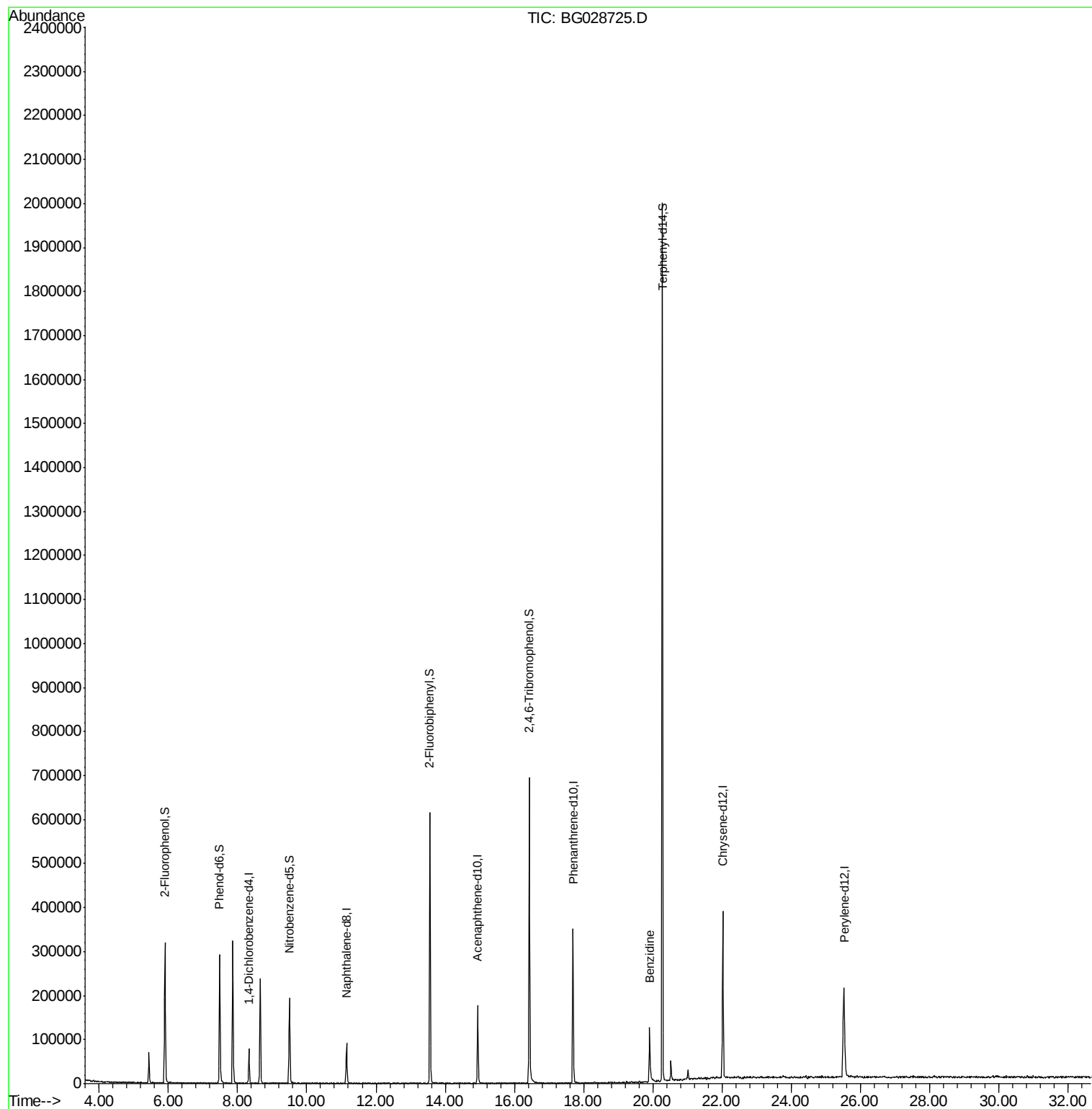
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	21509	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	87192	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	68097	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	245853	20.00	ng	0.00
75) Chrysene-d12	22.02	240	281321	20.00	ng	0.00
86) Perylene-d12	25.52	264	282017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	143212	109.86	ng	0.00
7) Phenol-d6	7.48	99	182068	92.77	ng	0.00
23) Nitrobenzene-d5	9.50	82	131773	72.30	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	157925	140.22	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	358653	70.23	ng	0.00
78) Terphenyl-d14	20.28	244	976906	74.05	ng	0.00
Target Compounds						
76) Benzidine	19.91	184	100469	13.772	ng	Qvalue 96

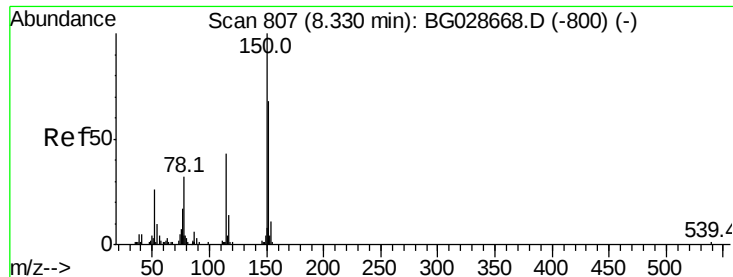
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028725.D
Acq On : 14 Sep 2017 10:02
Operator : SJ/JU
Sample : I5208-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-091117-C

Quant Time: Sep 14 11:06:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration



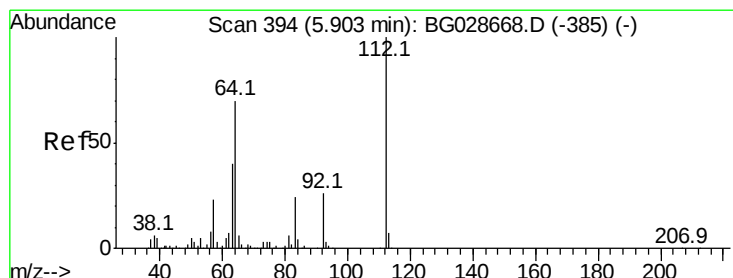
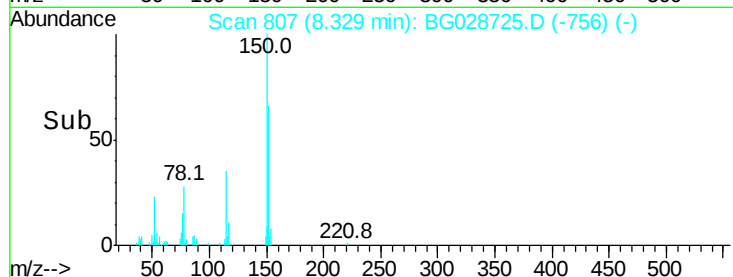
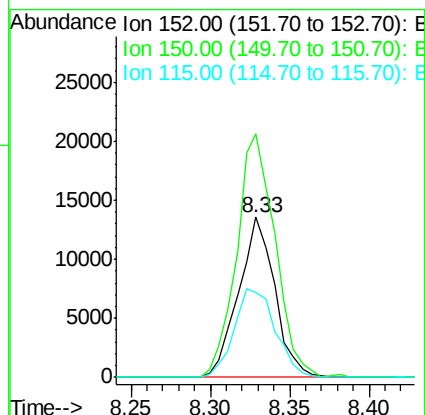
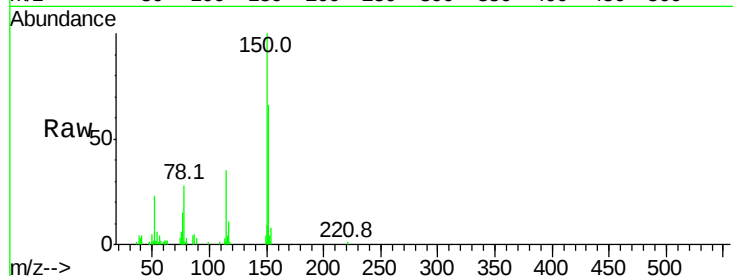


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Instrument :
BNA_G
ClientSampleId :
CL-02-091117-C

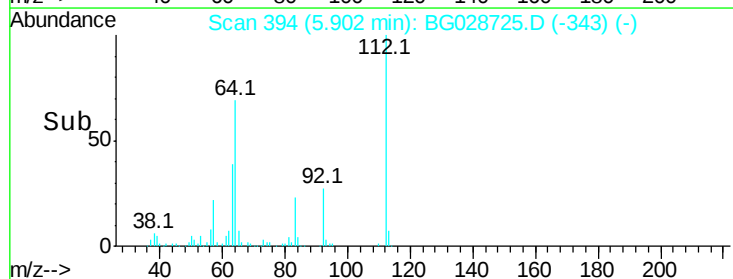
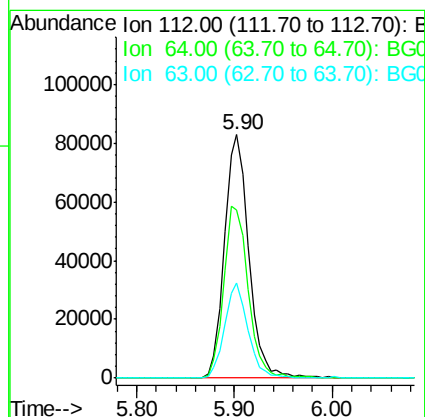
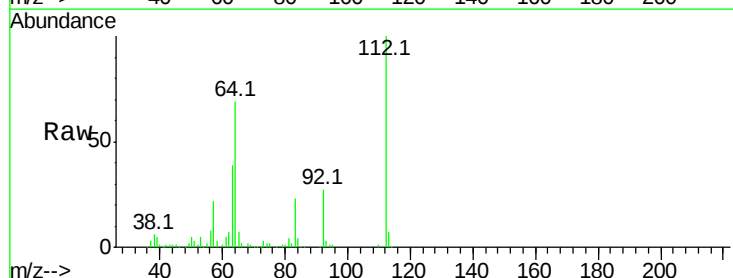
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	114.0	171.0
115	53.0	48.1	72.1

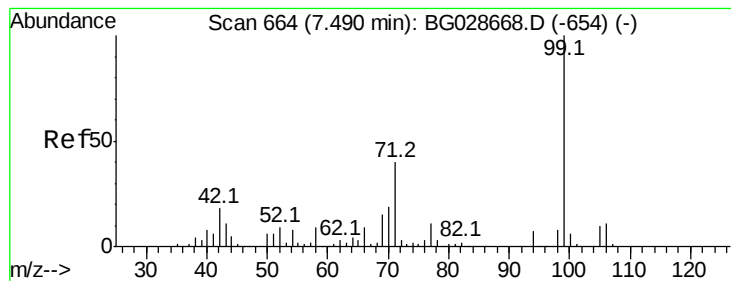


#5

2-Fluorophenol
Concen: 109.864 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	61.8	92.6
63	39.0	37.2	55.8





#7

Phenol-d6

Concen: 92.767 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028725.D

Acq: 14 Sep 2017 10:02

Instrument :

BNA_G

ClientSampleId :

CL-02-091117-C

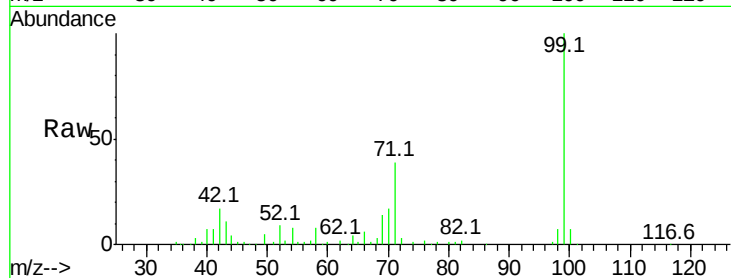
Tot Ion: 99 Resp: 182068

Ion Ratio Lower Upper

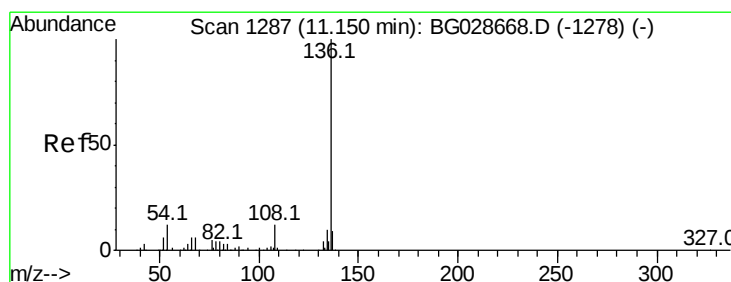
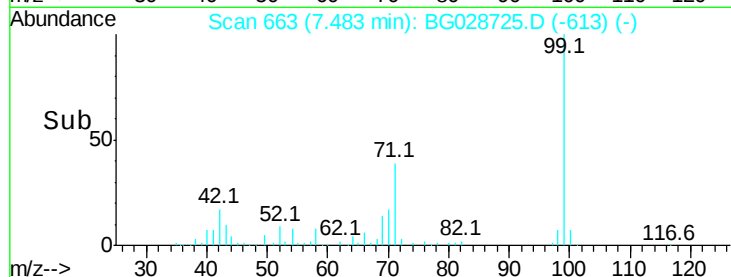
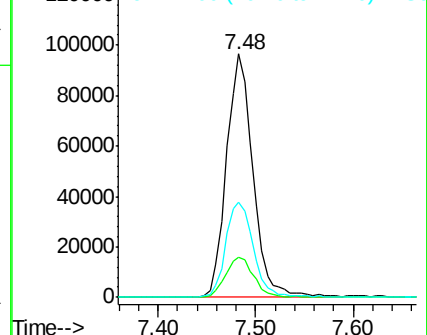
99 100

42 16.7 20.5 30.7#

71 39.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028725.D

Acq: 14 Sep 2017 10:02

Tgt Ion: 136 Resp: 87192

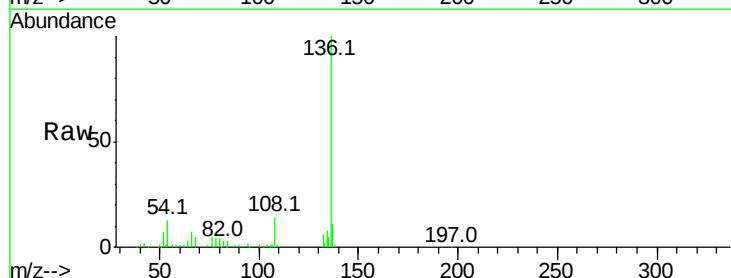
Ion Ratio Lower Upper

136 100

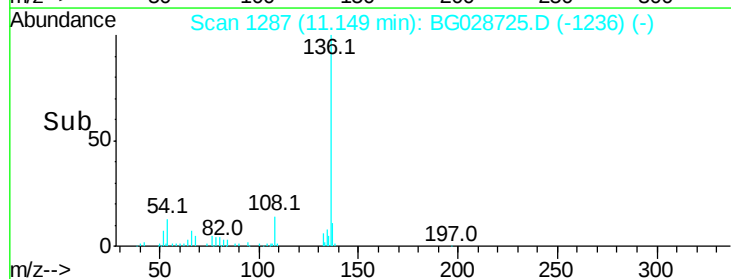
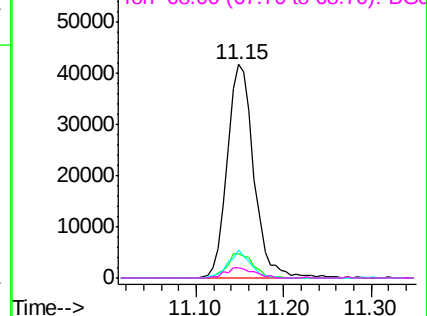
137 11.2 8.9 13.3

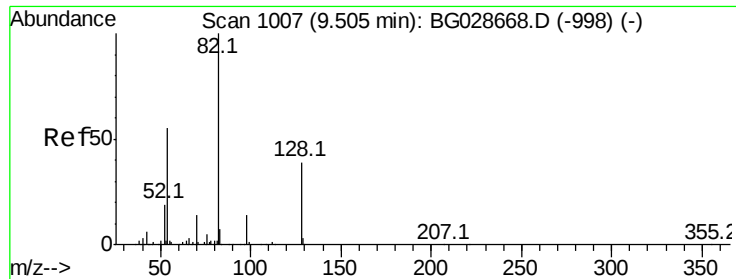
54 13.0 9.3 13.9

68 4.9 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

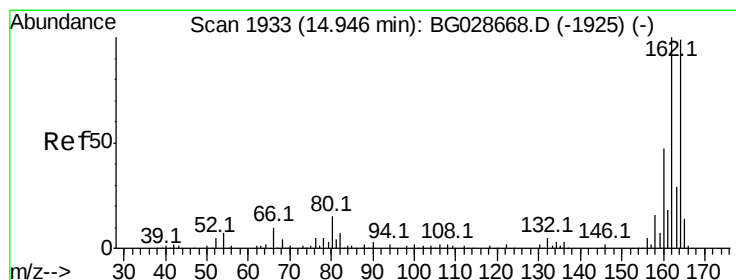
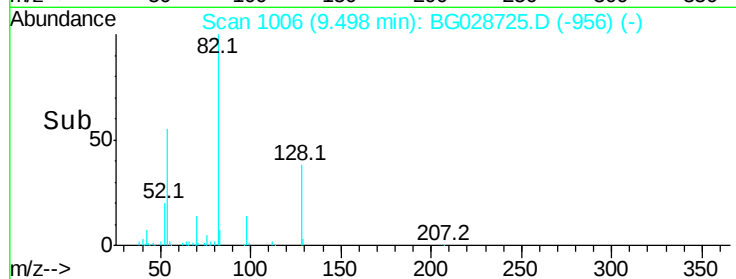
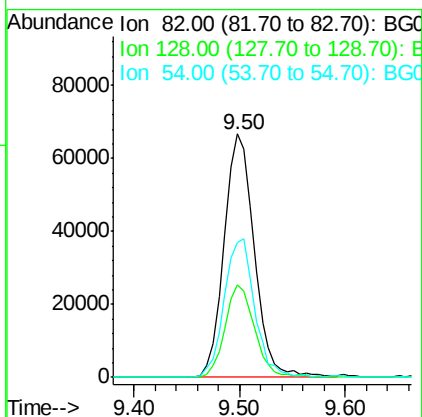
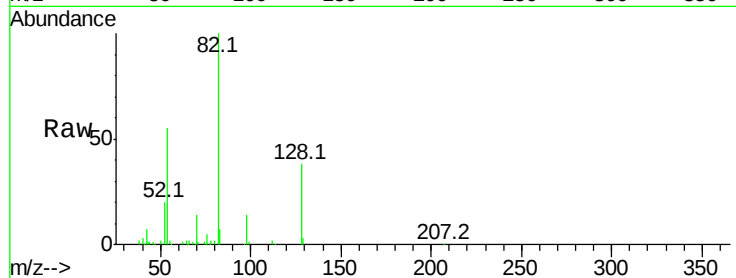




#23
 Nitrobenzene-d5
 Concen: 72.296 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028725.D
 Acq: 14 Sep 2017 10:02

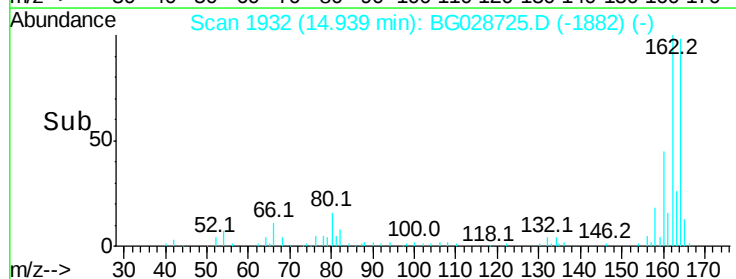
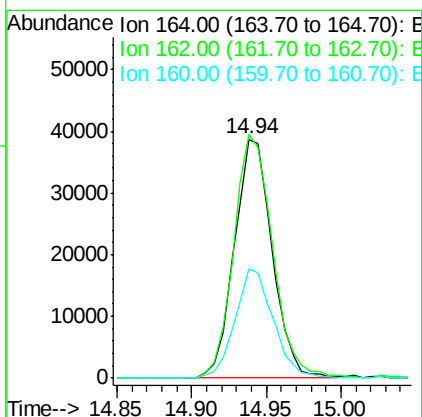
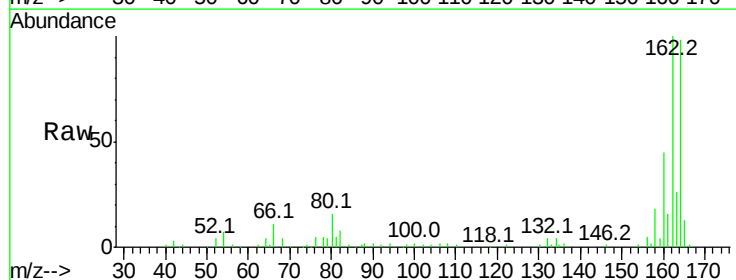
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-091117-C

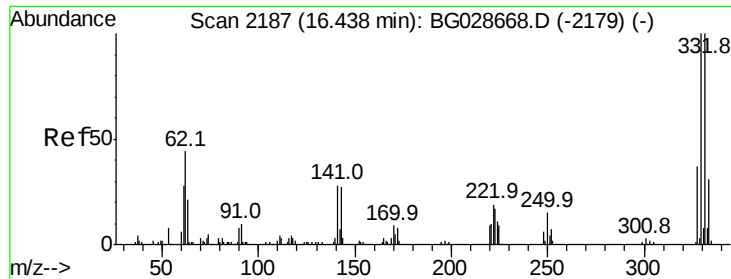
Tot Ion: 82 Resp: 131773
 Ion Ratio Lower Upper
 82 100
 128 38.1 26.4 39.6
 54 55.4 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028725.D
 Acq: 14 Sep 2017 10:02

Tgt Ion: 164 Resp: 68097
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.1 127.7
 160 45.6 34.7 52.1

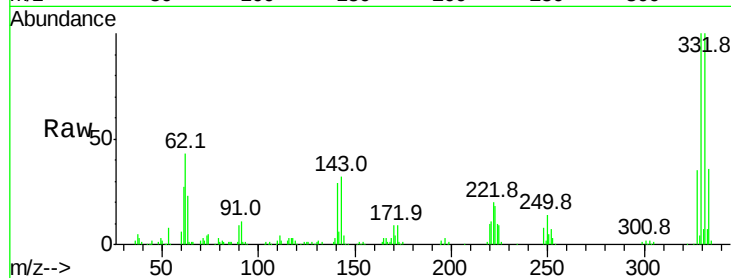




#41
 2,4,6-Tribromophenol
 Concen: 140.218 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028725.D
 Acq: 14 Sep 2017 10:02

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-091117-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	29.9	32.1	48.1#

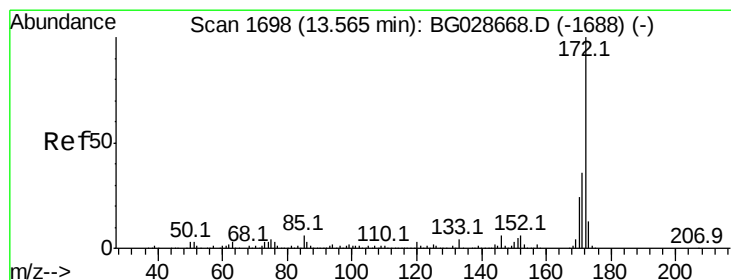
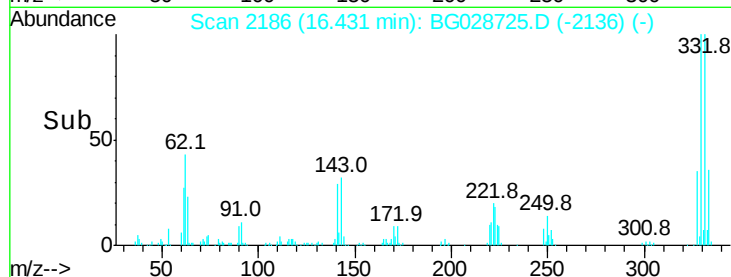
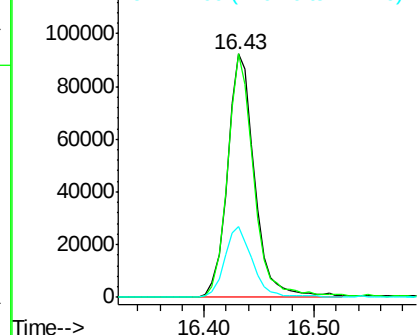


Abundance

Ion 329.80 (329.50 to 330.50): E

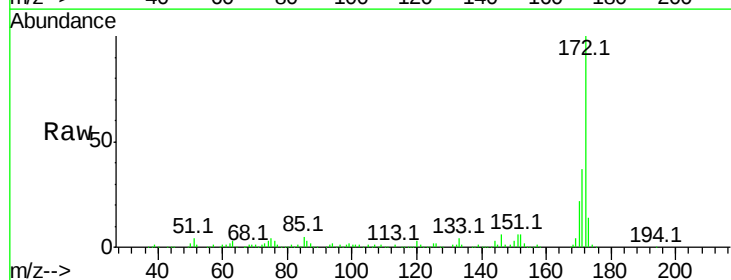
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.229 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028725.D
 Acq: 14 Sep 2017 10:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	22.1	21.8	32.6

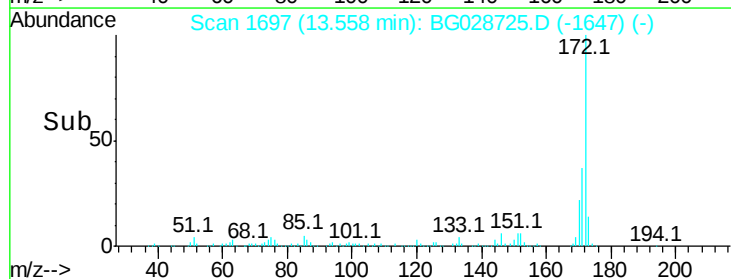
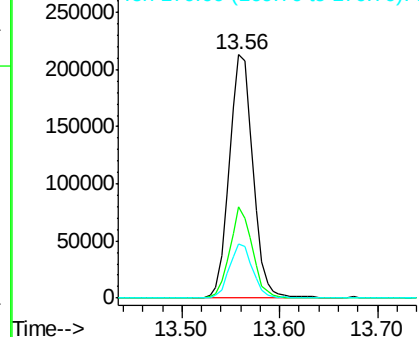


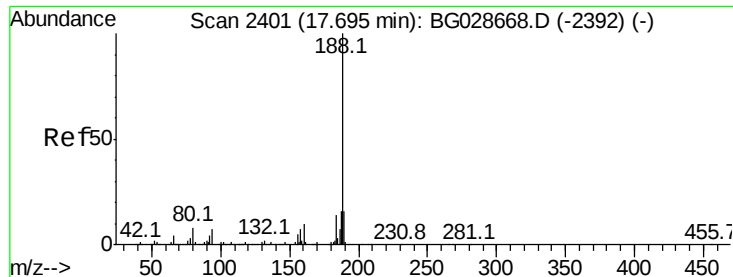
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028725.D

Acq: 14 Sep 2017 10:02

Instrument :

BNA_G

ClientSampleId :

CL-02-091117-C

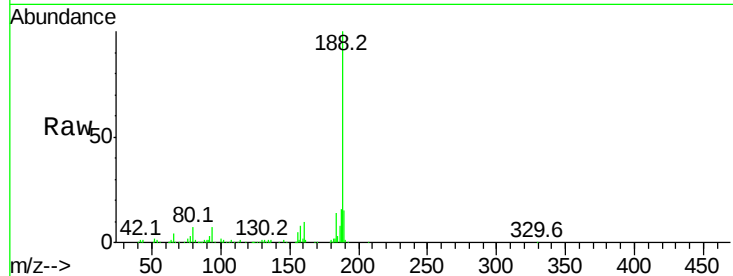
Tot Ion:188 Resp: 245853

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

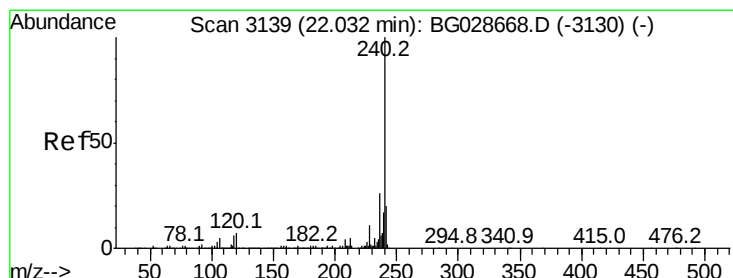
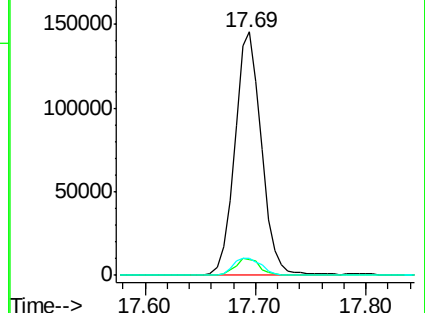
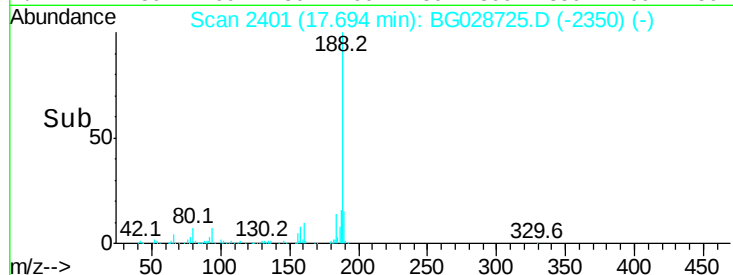
80 7.2 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028725.D

Acq: 14 Sep 2017 10:02

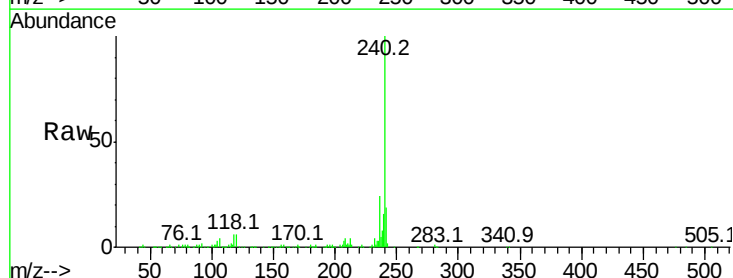
Tgt Ion:240 Resp: 281321

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

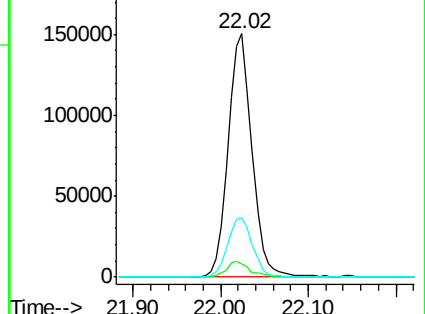
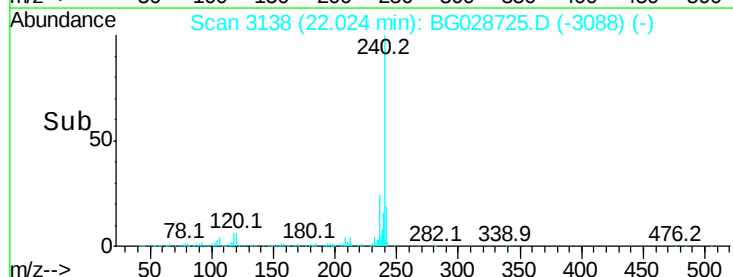
236 24.2 22.2 33.4

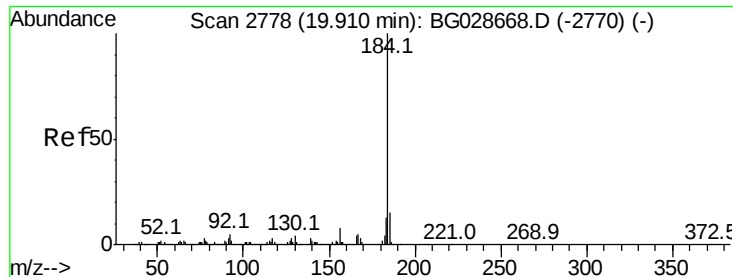


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 13.772 ng

RT: 19.91 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG028725.D

Acq: 14 Sep 2017 10:02

Instrument :

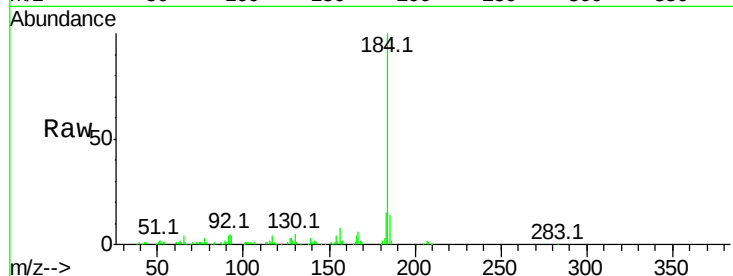
BNA_G

ClientSampleId :

CL-02-091117-C

Tot Ion:184 Resp: 100469

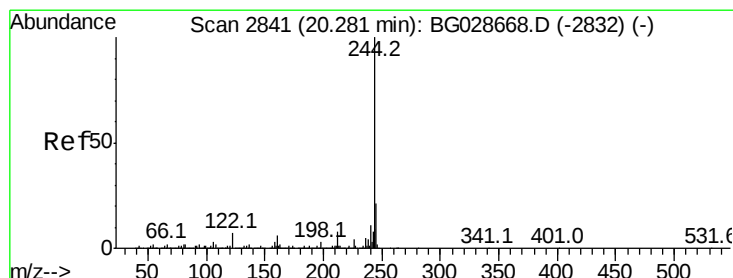
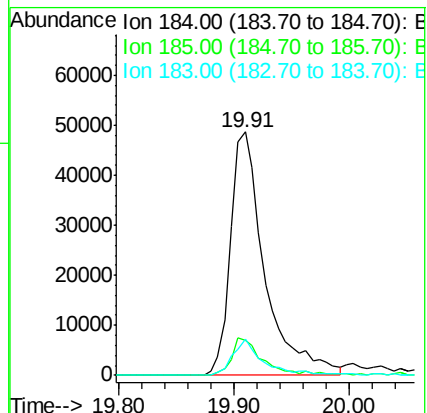
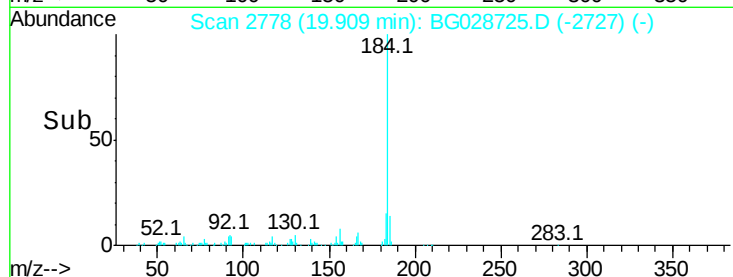
Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.0	19.6
183	15.0	11.0	16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 74.055 ng

RT: 20.28 min Scan# 2841

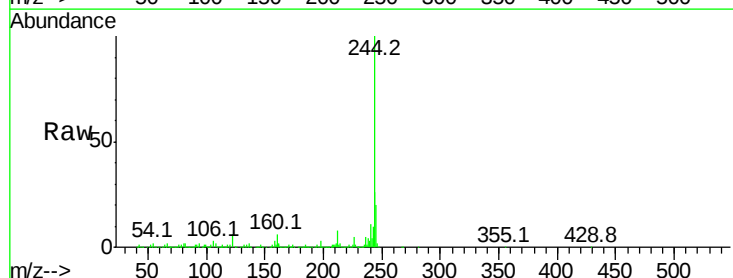
Delta R.T. -0.00 min

Lab File: BG028725.D

Acq: 14 Sep 2017 10:02

Tgt Ion:244 Resp: 976906

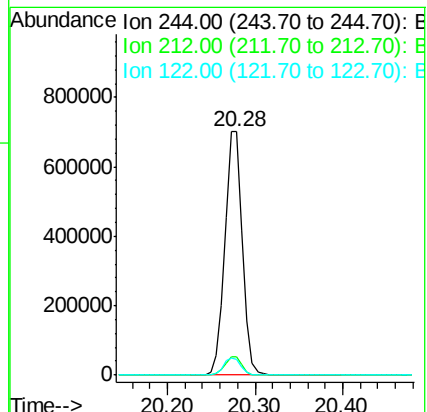
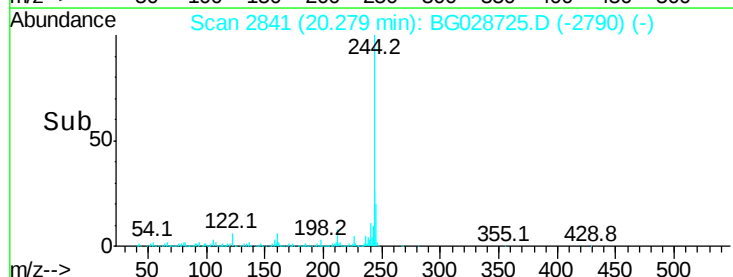
Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	6.4	8.6	12.8#

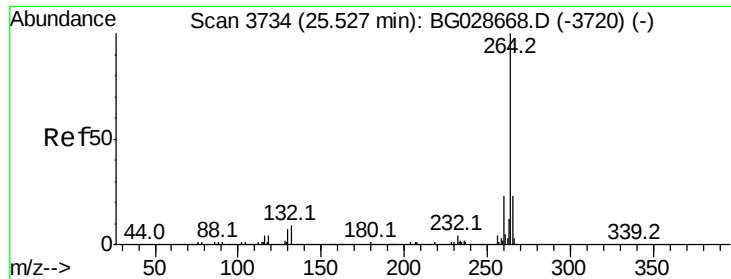


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

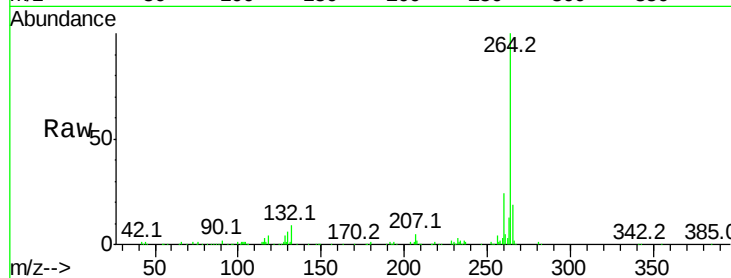




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3733
 Delta R.T. -0.01 min
 Lab File: BG028725.D
 Acq: 14 Sep 2017 10:02

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-091117-C

Tot Ion:	264	Resp:	282017
Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	19.2	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

