

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036128.D
 Acq On : 6 Aug 2018 15:30
 Operator : JU/SJ
 Sample : J4310-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-2

Quant Time: Aug 06 16:47:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30476	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	105760	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	73142	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	220348	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	254941	20.00	ng	-0.02
86) Perylene-d12	24.83	264	178943	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	258183	140.65	ng	0.00
7) Phenol-d6	7.19	99	318455	116.28	ng	-0.01
23) Nitrobenzene-d5	9.17	82	274301	108.35	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	202165	209.70	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	597958	109.53	ng	-0.02
78) Terphenyl-d14	19.99	244	1305203	112.85	ng	-0.02

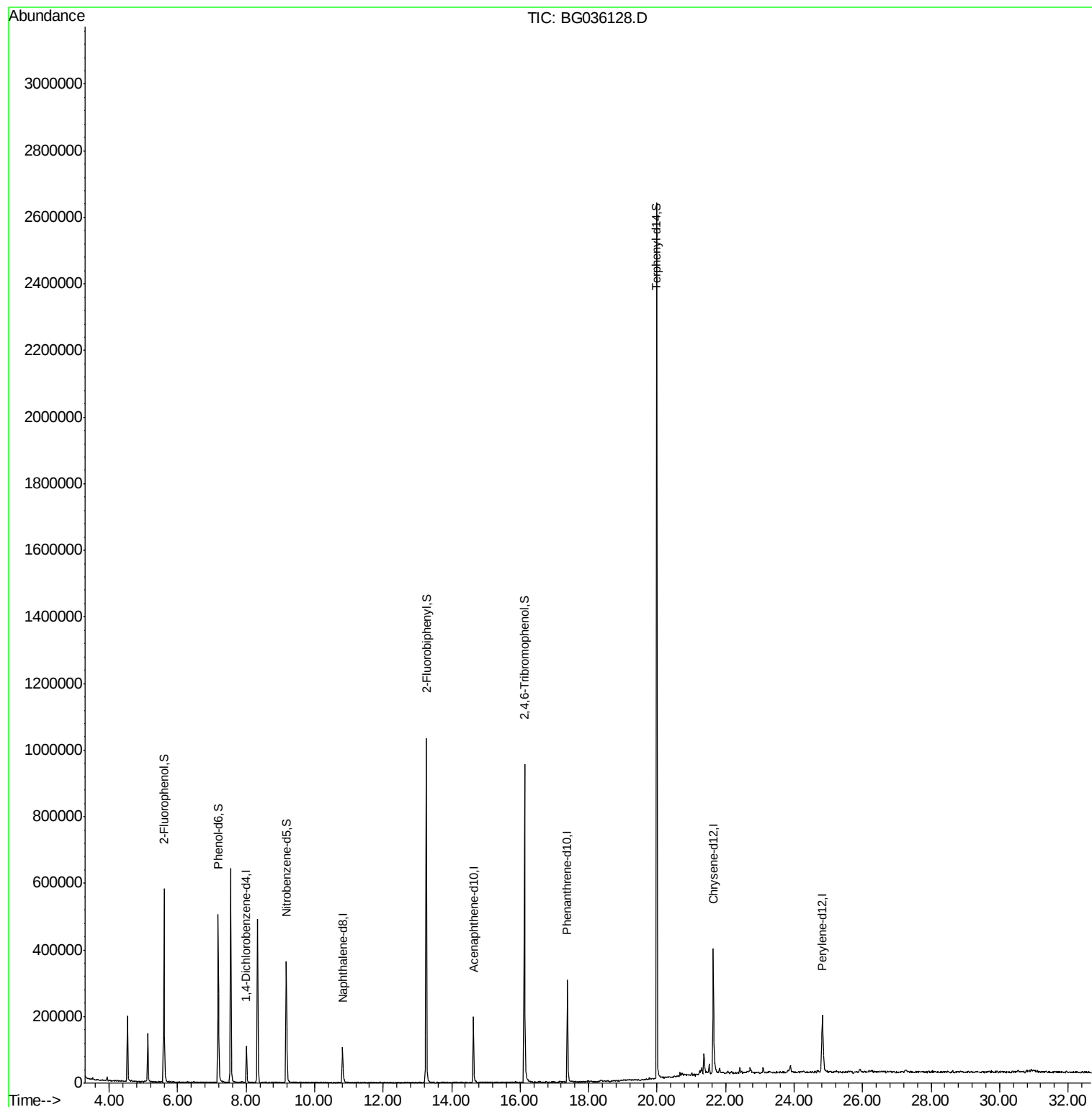
Target Compounds	Qvalue
------------------	--------

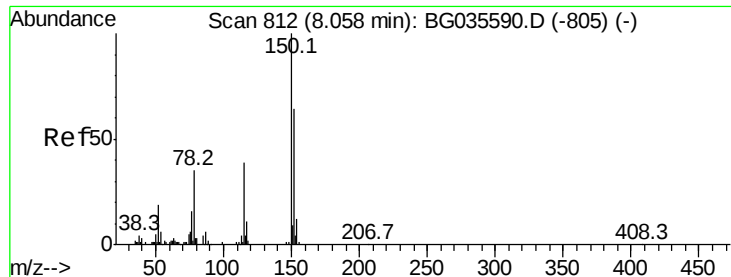
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
Data File : BG036128.D
Acq On : 6 Aug 2018 15:30
Operator : JU/SJ
Sample : J4310-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-2

Quant Time: Aug 06 16:47:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.02 min

Lab File: BG036128.D

Acq: 6 Aug 2018 15:30

Instrument :

BNA_G

ClientSampleId :

C-2

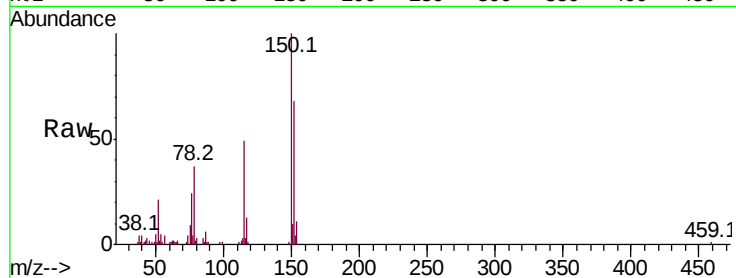
Tot Ion:152 Resp: 30476

Ion Ratio Lower Upper

152 100

150 147.2 126.6 189.8

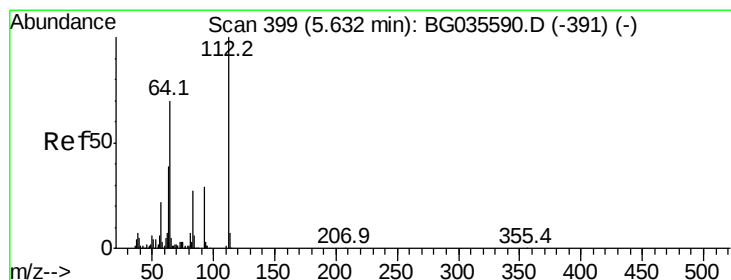
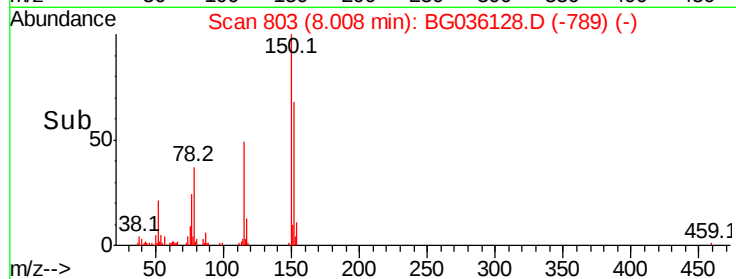
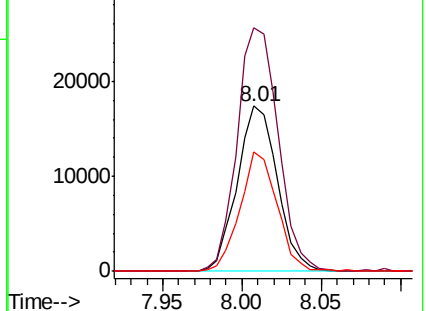
115 72.4 53.0 79.4



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: 140.650 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG036128.D

Acq: 6 Aug 2018 15:30

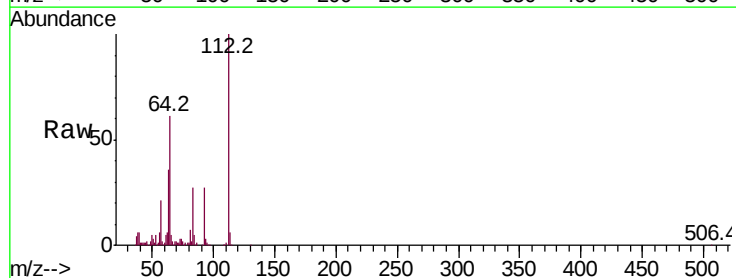
Tgt Ion:112 Resp: 258183

Ion Ratio Lower Upper

112 100

64 60.8 56.3 84.5

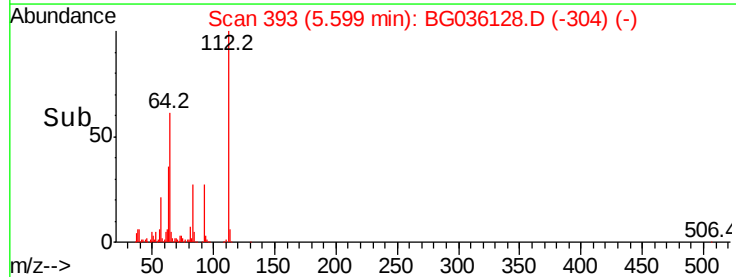
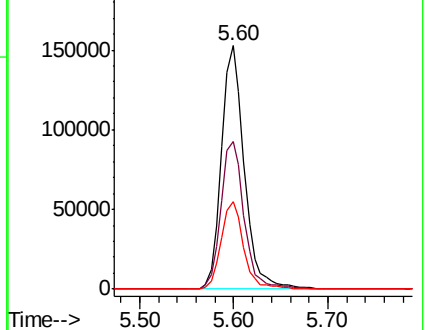
63 36.1 30.1 45.1



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: 116.277 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036128.D

Acq: 6 Aug 2018 15:30

Instrument :

BNA_G

ClientSampleId :

C-2

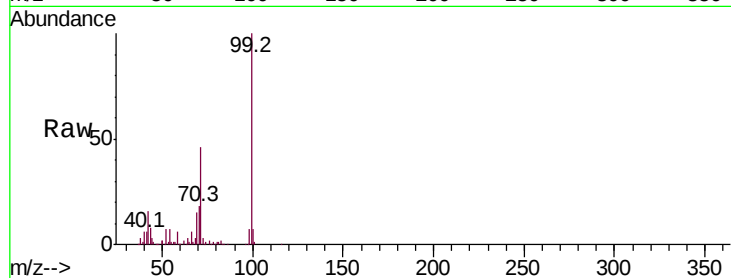
Tot Ion: 99 Resp: 318455

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

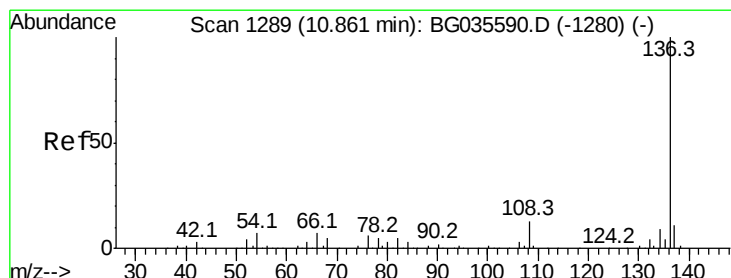
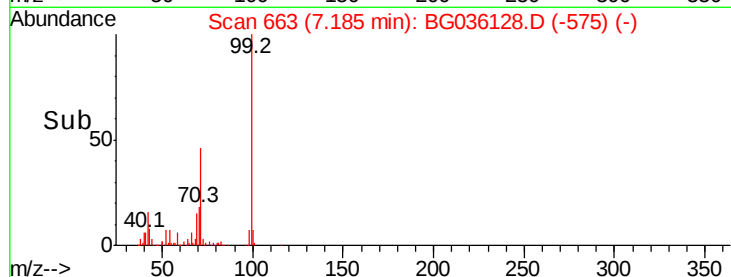
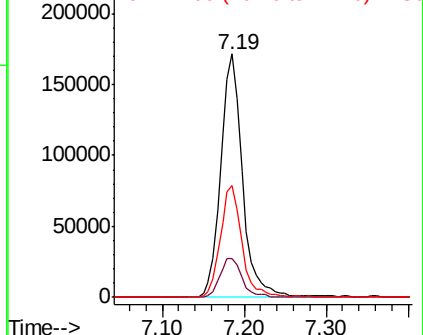
71 45.9 26.1 39.1#



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: 10.82 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036128.D

Acq: 6 Aug 2018 15:30

Tgt Ion: 136 Resp: 105760

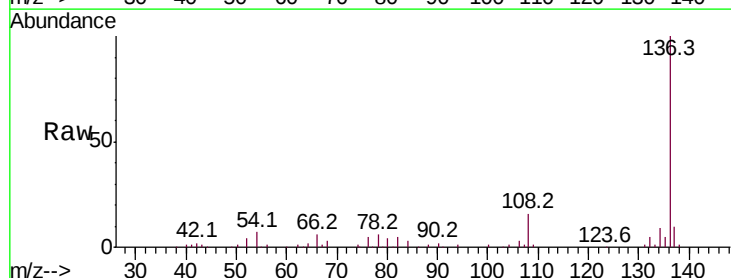
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 7.2 10.3 15.5#

68 3.3 4.5 6.7#

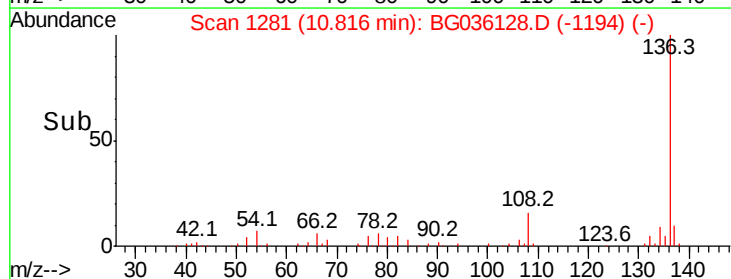
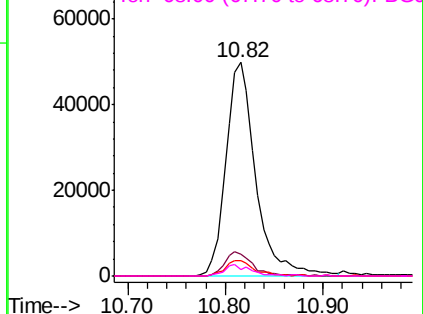


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

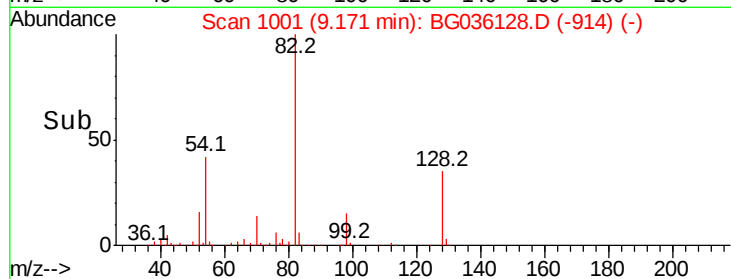
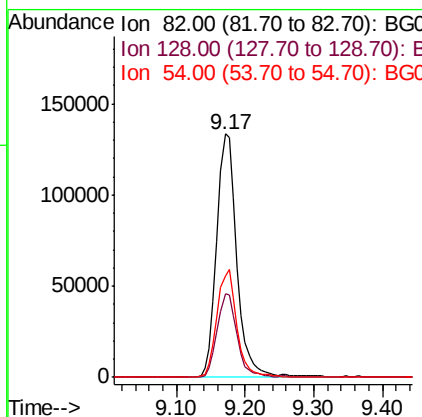
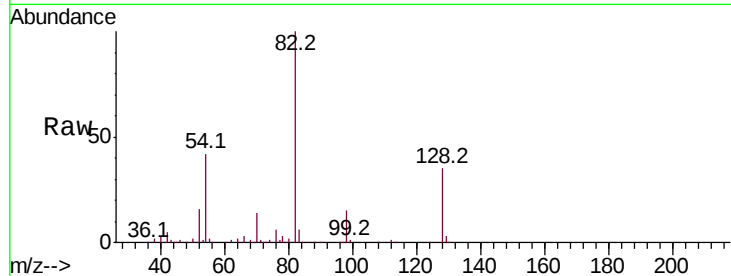




#23
 Nitrobenzene-d5
 Concen: 108.348 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036128.D
 Acq: 6 Aug 2018 15:30

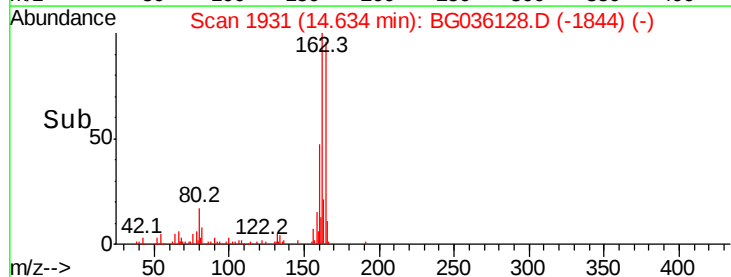
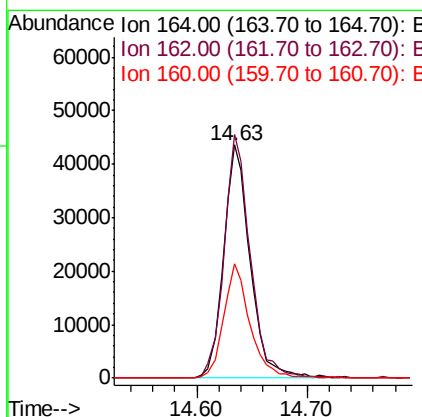
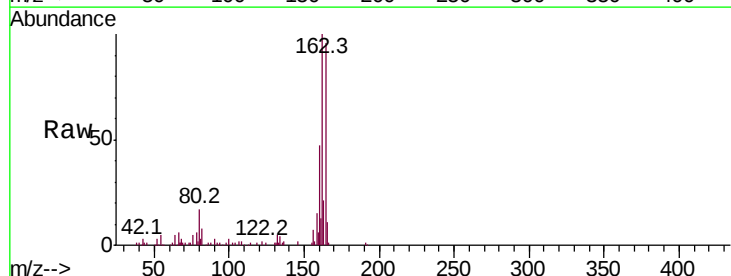
Instrument :
 BNA_G
 ClientSampleId :
 C-2

Tot Ion: 82 Resp: 274301
 Ion Ratio Lower Upper
 82 100
 128 34.5 29.7 44.5
 54 41.6 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036128.D
 Acq: 6 Aug 2018 15:30

Tgt Ion:164 Resp: 73142
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 49.3 35.4 53.0

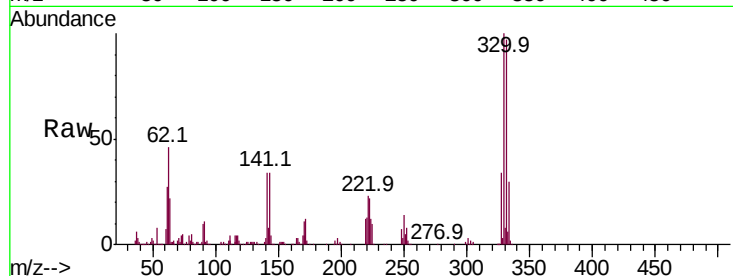




#41
2,4,6-Tribromophenol
Concen: 209.702 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036128.D
Acq: 6 Aug 2018 15:30

Instrument :
BNA_G
ClientSampleId :
C-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.6	25.2	37.8

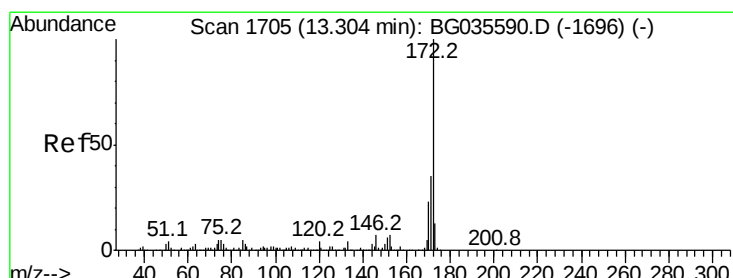
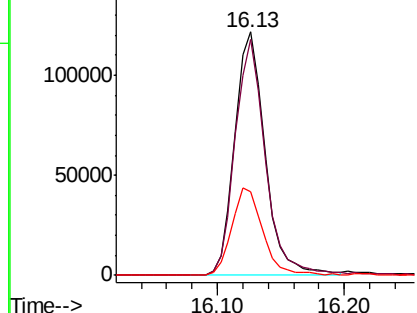
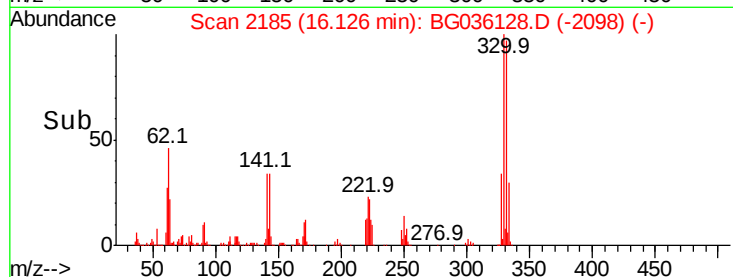


Abundance

Ion 329.80 (329.50 to 330.50): E

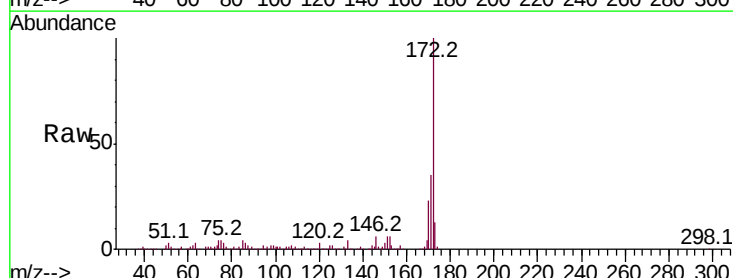
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 109.528 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036128.D
Acq: 6 Aug 2018 15:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	22.6	19.5	29.3

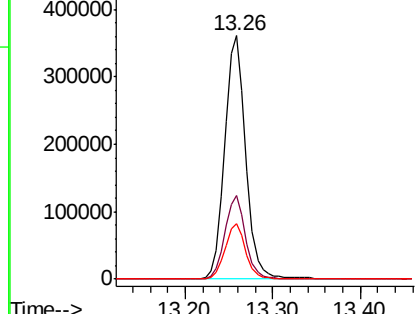
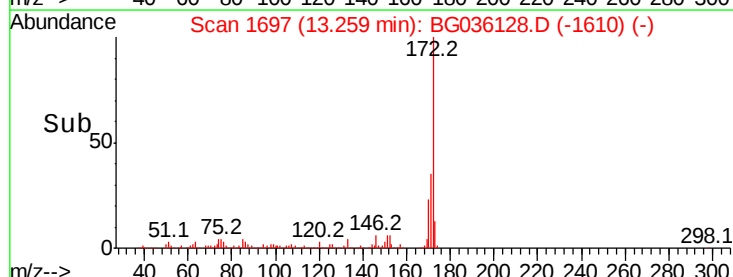


Abundance

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

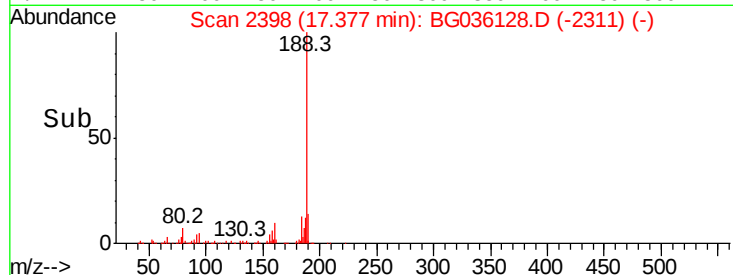
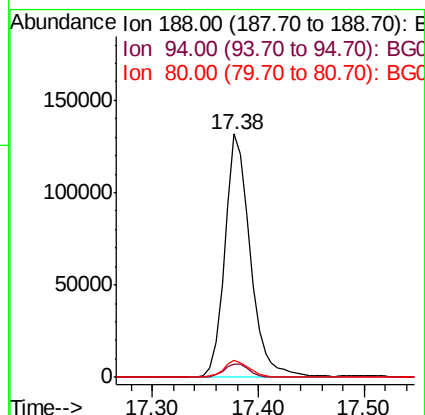
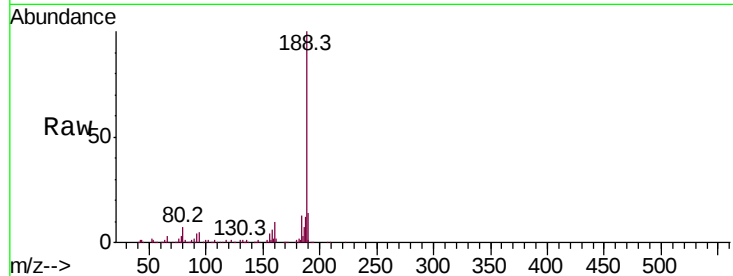




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036128.D
Acq: 6 Aug 2018 15:30

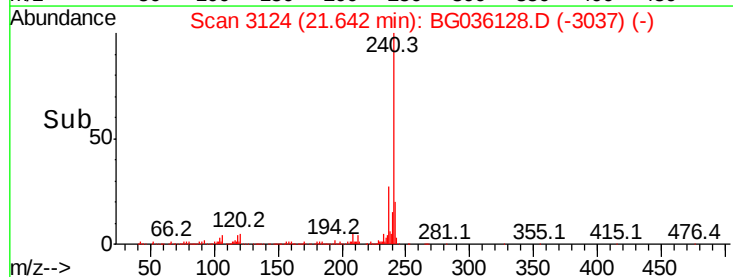
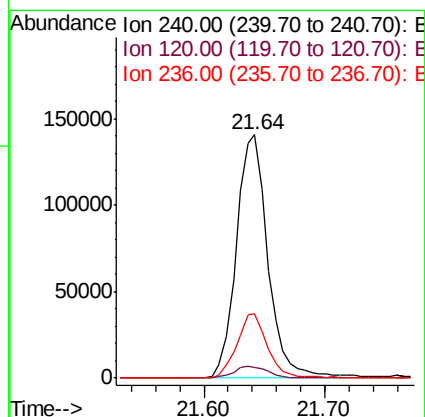
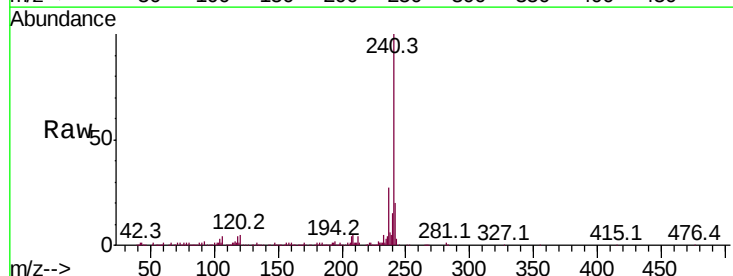
Instrument :
BNA_G
ClientSampleId :
C-2

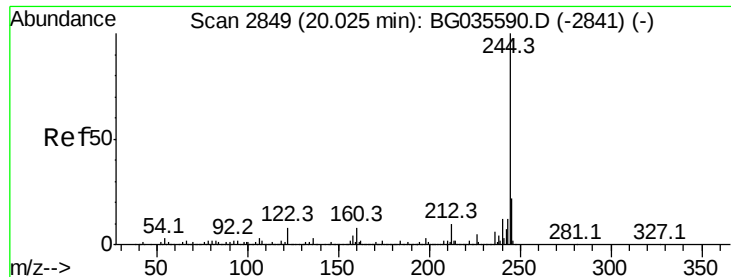
Tot Ion:188 Resp: 220348
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 6.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036128.D
Acq: 6 Aug 2018 15:30

Tgt Ion:240 Resp: 254941
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 112.852 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036128.D

Acq: 6 Aug 2018 15:30

Instrument :

BNA_G

ClientSampleId :

C-2

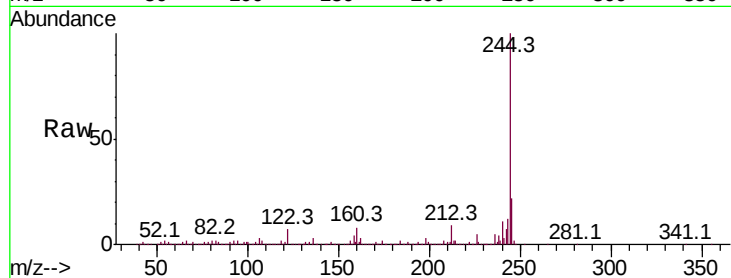
Tot Ion:244 Resp: 1305203

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

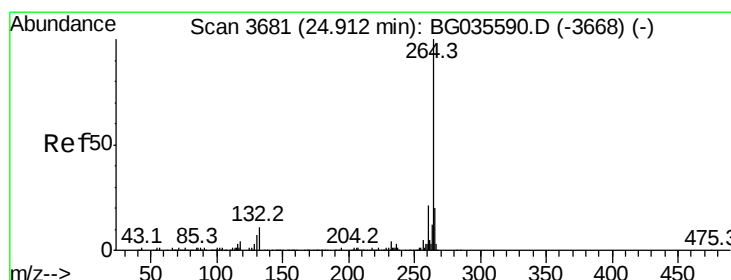
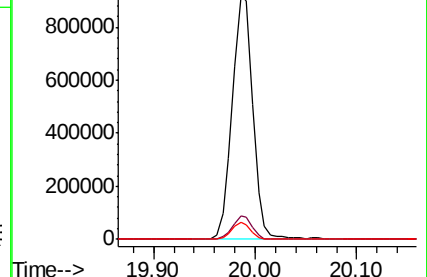
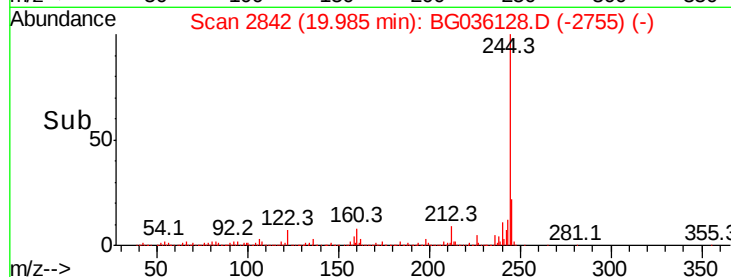
122 7.1 7.0 10.4



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: 24.83 min Scan# 3666

Delta R.T. -0.03 min

Lab File: BG036128.D

Acq: 6 Aug 2018 15:30

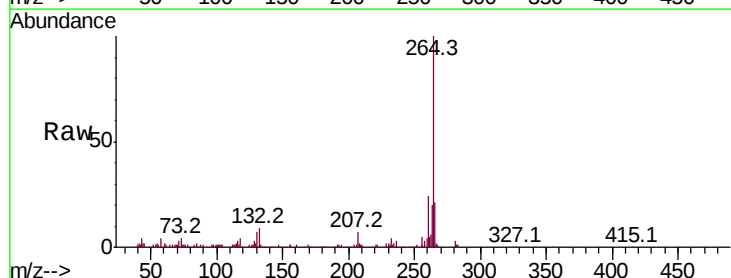
Tgt Ion:264 Resp: 178943

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.0 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

