

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
 Data File : BG027696.D
 Acq On : 27 Jun 2017 10:36
 Operator : SJ/JU
 Sample : I3906-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-062317-B

Quant Time: Jun 28 01:08:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	13530	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	58677	20.00	ng	-0.02
38) Acenaphthene-d10	15.08	164	38288	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	124520	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	145077	20.00	ng	-0.03
86) Perylene-d12	25.80	264	132089	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	141685	149.04	ng	-0.01
7) Phenol-d6	7.63	99	178548	126.87	ng	-0.01
23) Nitrobenzene-d5	9.65	82	123875	99.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	112521	197.12	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	289359	103.23	ng	-0.02
78) Terphenyl-d14	20.40	244	727584	118.16	ng	-0.02

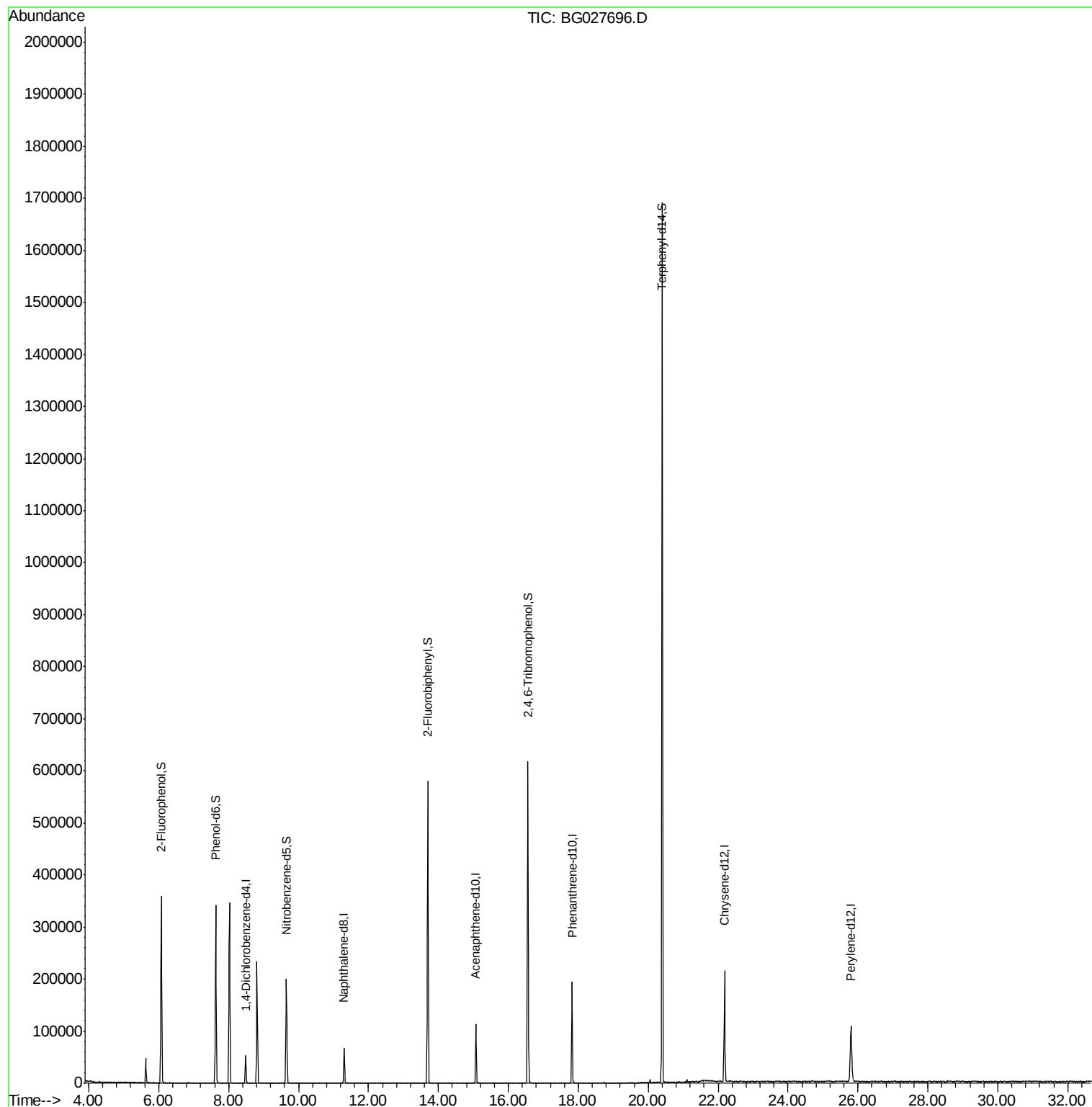
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
Data File : BG027696.D
Acq On : 27 Jun 2017 10:36
Operator : SJ/JU
Sample : I3906-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-062317-B

Quant Time: Jun 28 01:08:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BG027696.D

Acq: 27 Jun 2017 10:36

Instrument :

BNA_G

ClientSampleId :

EO-02-062317-B

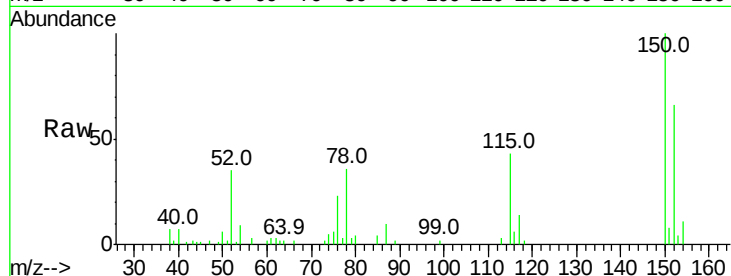
Tot Ion:152 Resp: 13530

Ion Ratio Lower Upper

152 100

150 150.9 114.0 171.0

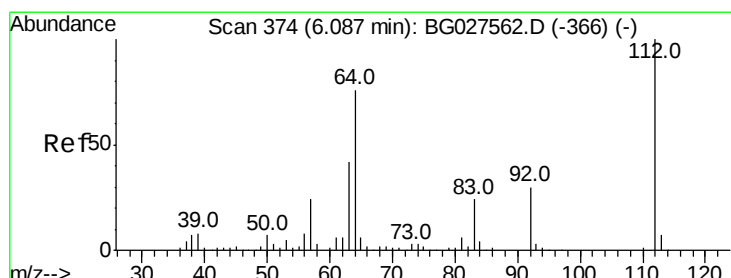
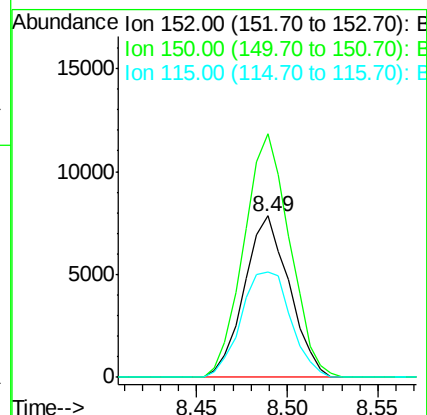
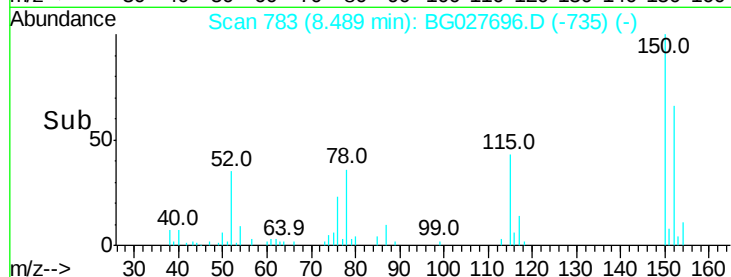
115 65.6 48.1 72.1



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: 149.04 ng

RT: 6.07 min Scan# 372

Delta R.T. -0.01 min

Lab File: BG027696.D

Acq: 27 Jun 2017 10:36

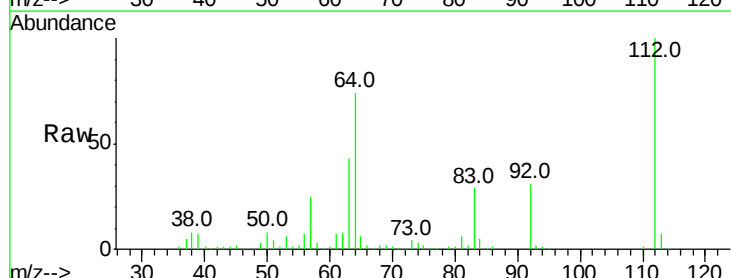
Tgt Ion:112 Resp: 141685

Ion Ratio Lower Upper

112 100

64 73.6 61.8 92.6

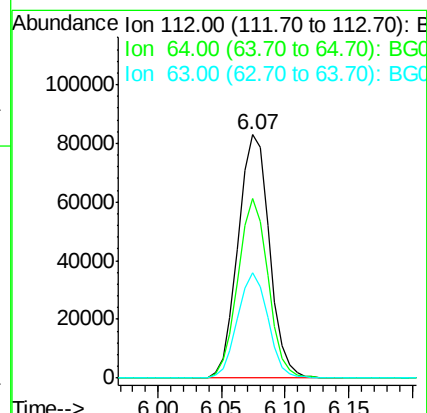
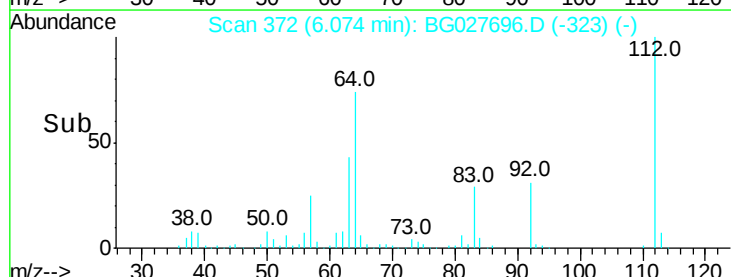
63 43.2 37.2 55.8

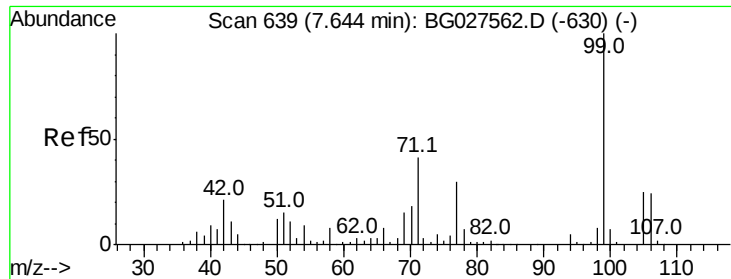


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.87 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027696.D

Acq: 27 Jun 2017 10:36

Instrument :

BNA_G

ClientSampleId :

EO-02-062317-B

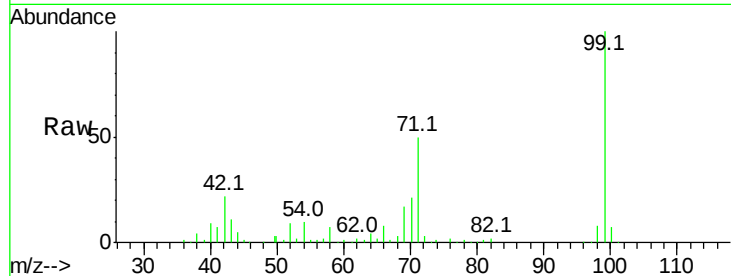
Tot Ion: 99 Resp: 178548

Ion Ratio Lower Upper

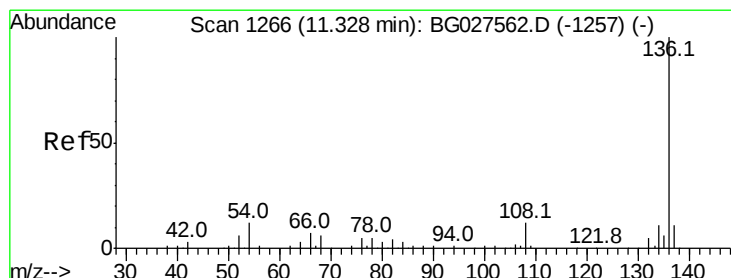
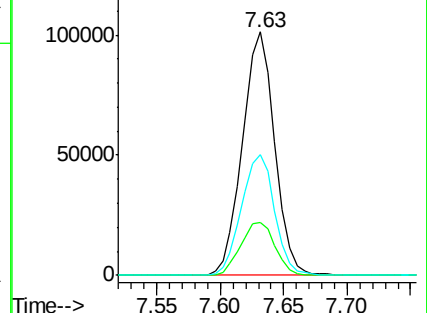
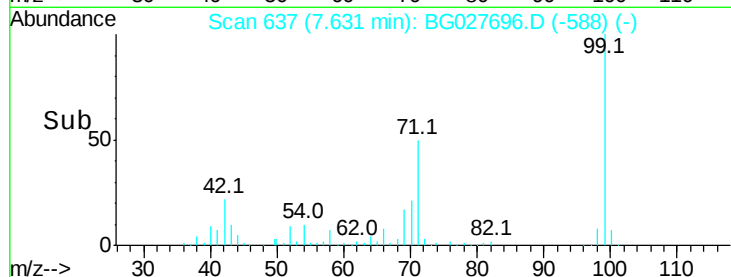
99 100

42 21.8 20.5 30.7

71 49.6 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: 11.30 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG027696.D

Acq: 27 Jun 2017 10:36

Tgt Ion: 136 Resp: 58677

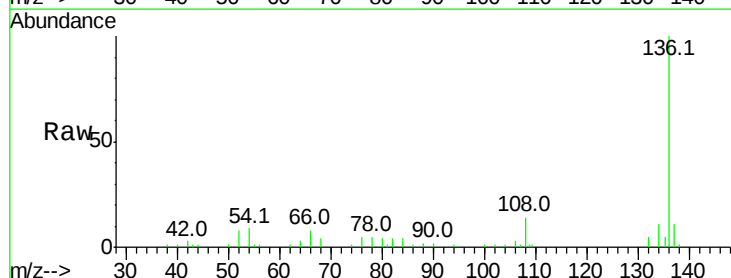
Ion Ratio Lower Upper

136 100

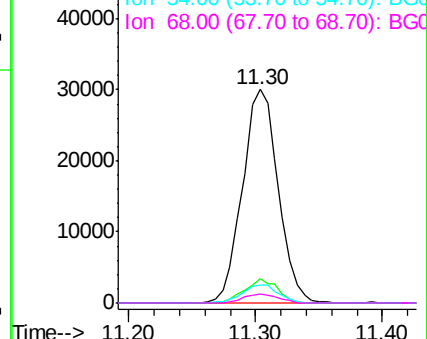
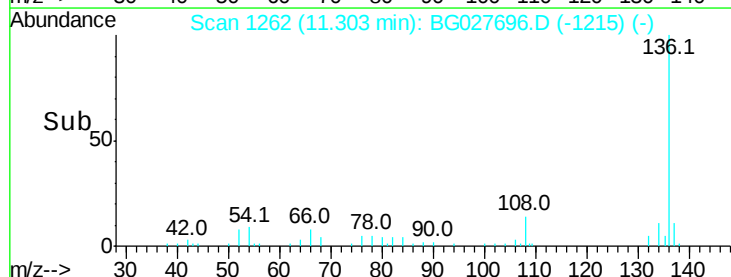
137 11.2 8.9 13.3

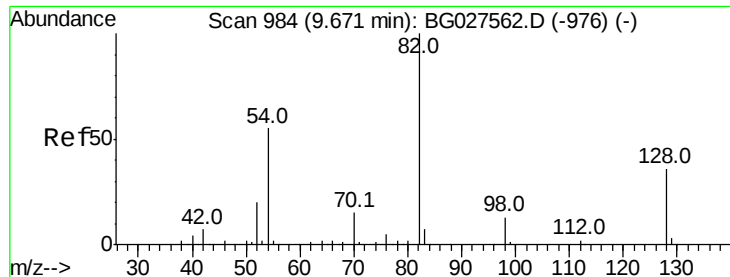
54 8.6 9.3 13.9#

68 4.5 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

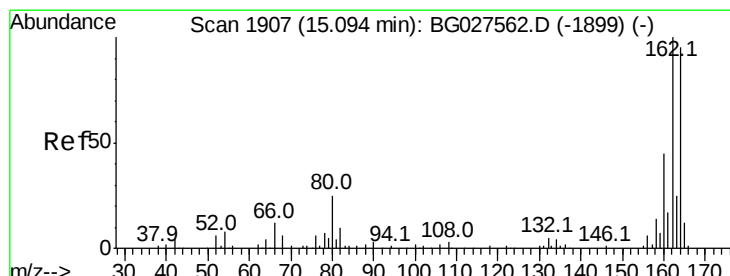
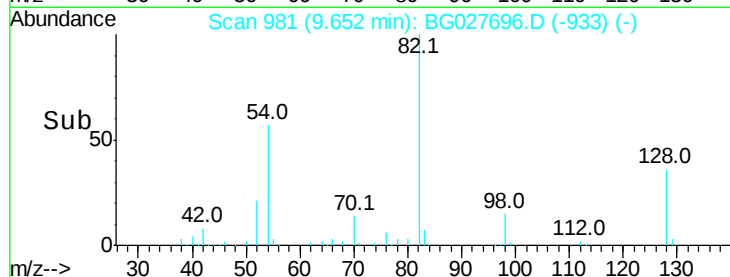
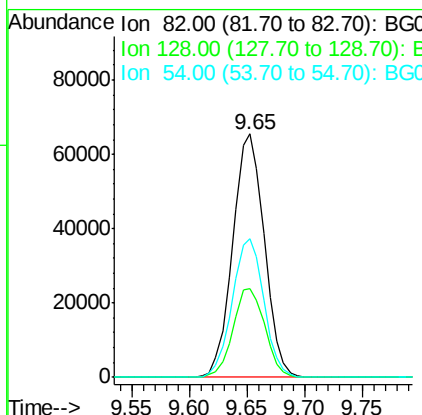
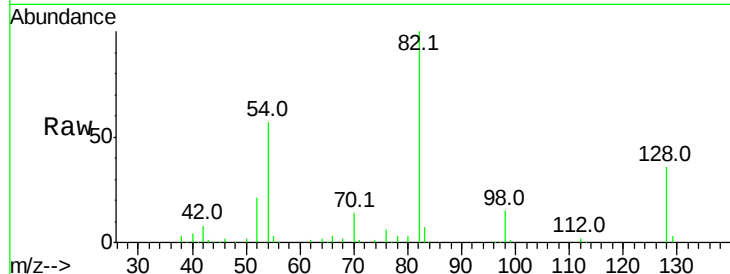




#23
Nitrobenzene-d5
Concen: 99.90 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027696.D
Acq: 27 Jun 2017 10:36

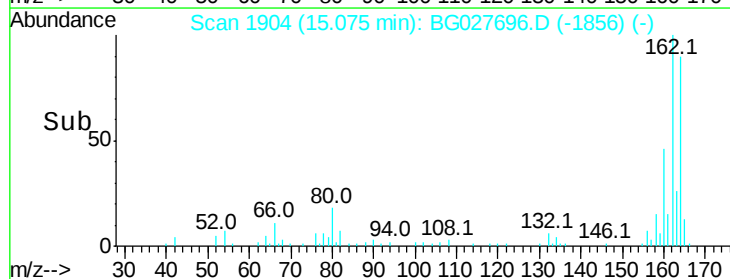
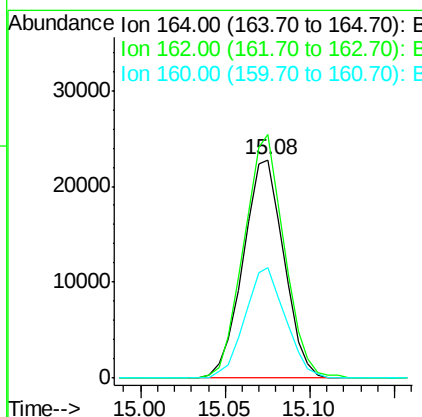
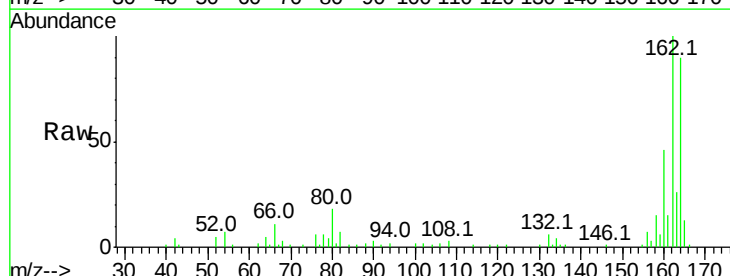
Instrument :
BNA_G
ClientSampleId :
EO-02-062317-B

Tot Ion: 82 Resp: 123875
Ion Ratio Lower Upper
82 100
128 36.5 26.4 39.6
54 56.9 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.08 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG027696.D
Acq: 27 Jun 2017 10:36

Tgt Ion:164 Resp: 38288
Ion Ratio Lower Upper
164 100
162 111.4 85.1 127.7
160 50.7 34.7 52.1

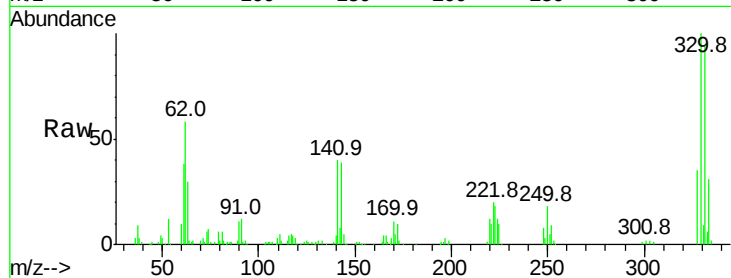




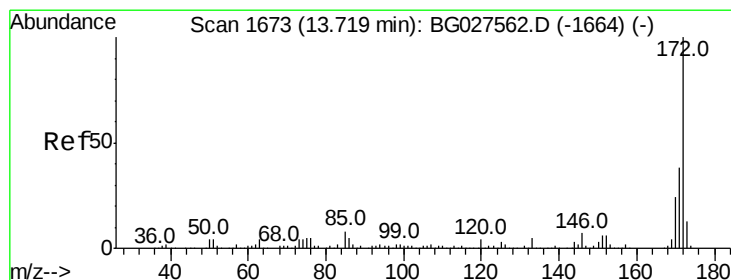
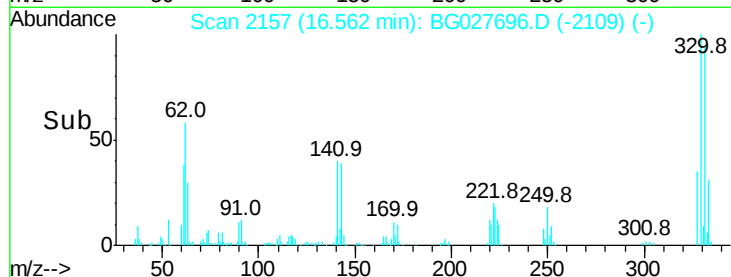
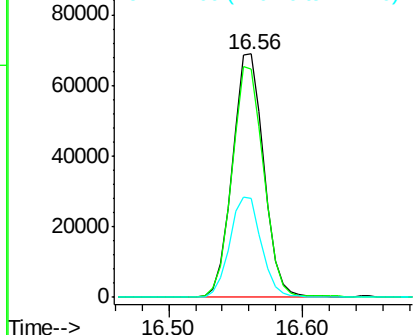
#41
 2,4,6-Tribromophenol
 Concen: 197.12 ng
 RT: 16.56 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG027696.D
 Acq: 27 Jun 2017 10:36

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-062317-B

Tot Ion:330 Resp: 112521
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 41.4 32.1 48.1

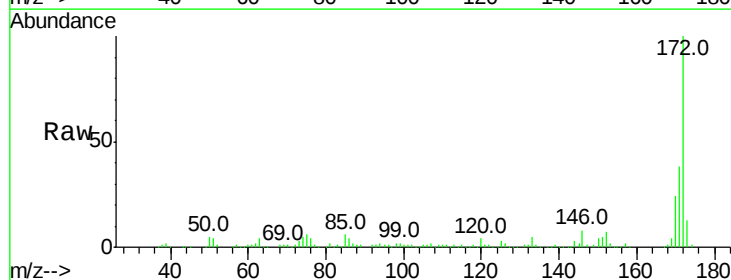


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

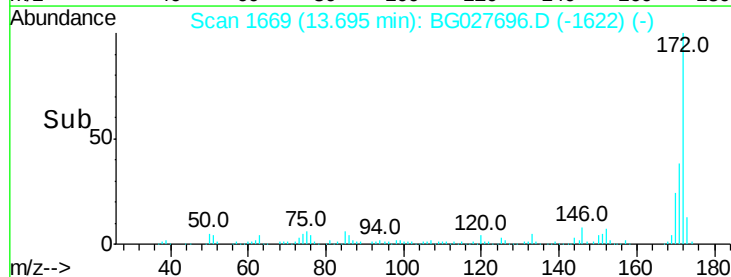
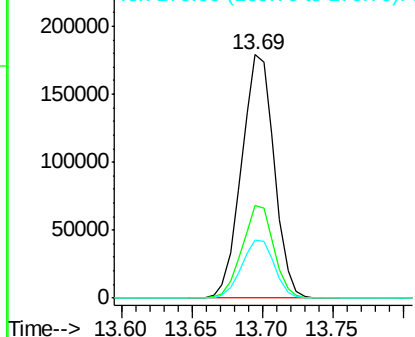


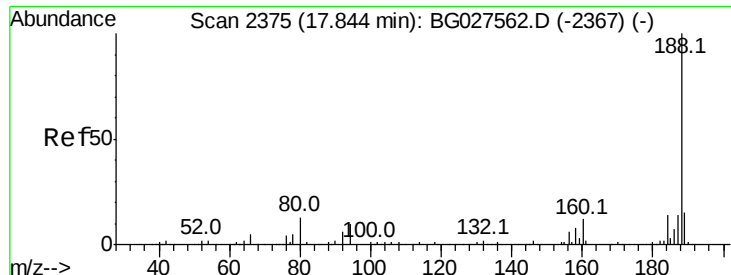
#44
 2-Fluorobiphenyl
 Concen: 103.23 ng
 RT: 13.69 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027696.D
 Acq: 27 Jun 2017 10:36

Tgt Ion:172 Resp: 289359
 Ion Ratio Lower Upper
 172 100
 171 38.2 32.2 48.2
 170 24.0 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

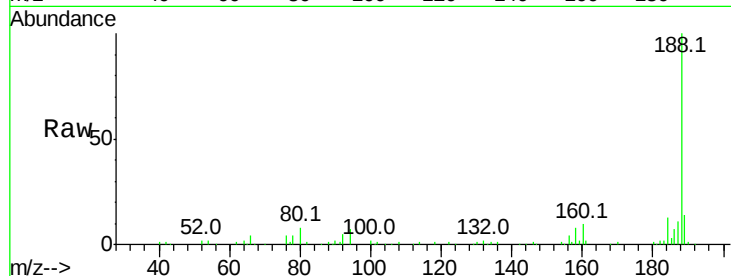




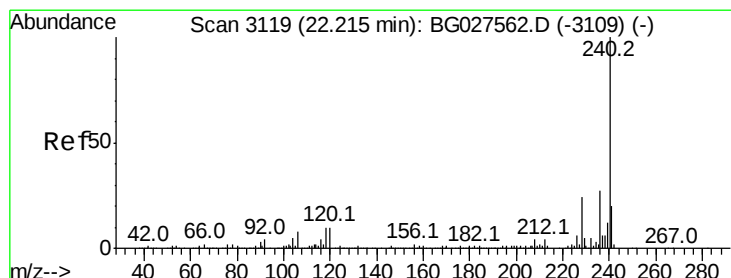
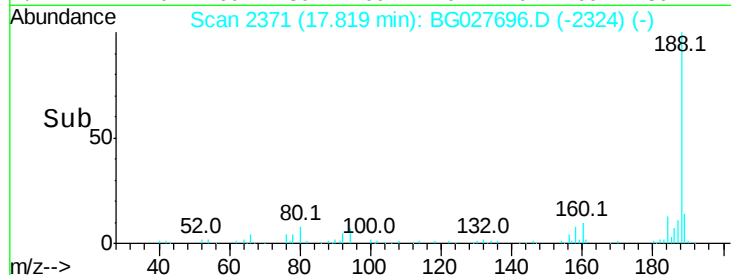
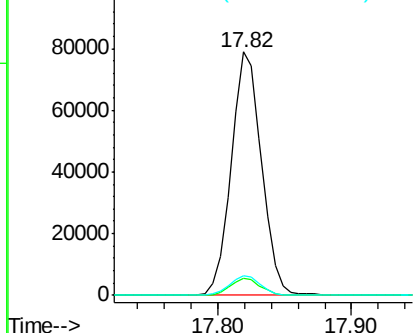
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BG027696.D
Acq: 27 Jun 2017 10:36

Instrument :
BNA_G
ClientSampleId :
EO-02-062317-B

Tot Ion:188 Resp: 124520
Ion Ratio Lower Upper
188 100
94 7.0 5.8 8.8
80 8.0 7.5 11.3

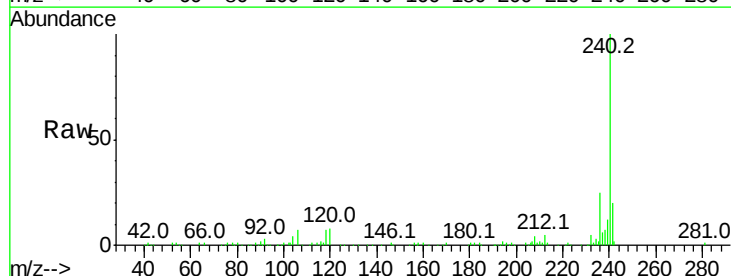


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

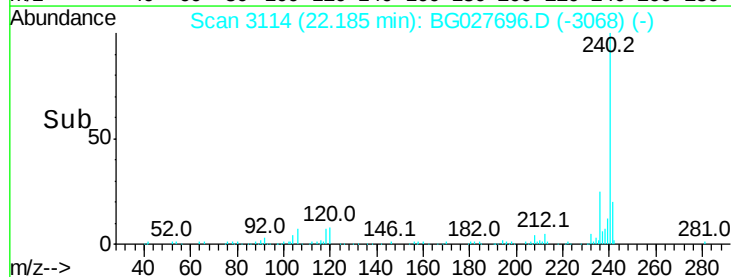
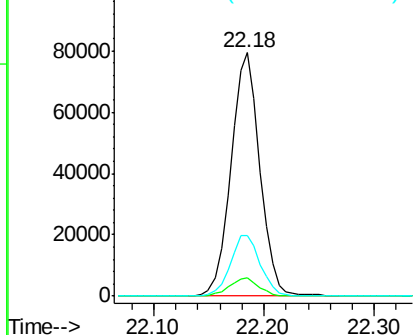


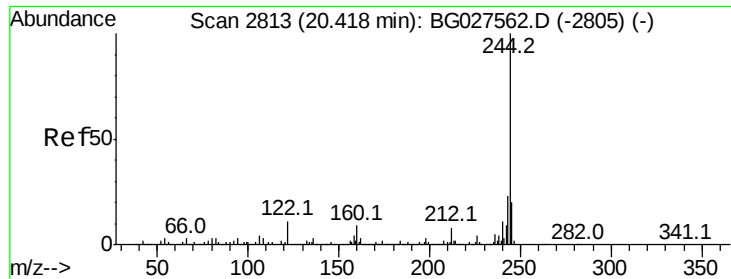
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3114
Delta R.T. -0.03 min
Lab File: BG027696.D
Acq: 27 Jun 2017 10:36

Tgt Ion:240 Resp: 145077
Ion Ratio Lower Upper
240 100
120 7.6 5.7 8.5
236 24.6 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: 118.16 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027696.D

Acq: 27 Jun 2017 10:36

Instrument :

BNA_G

ClientSampleId :

EO-02-062317-B

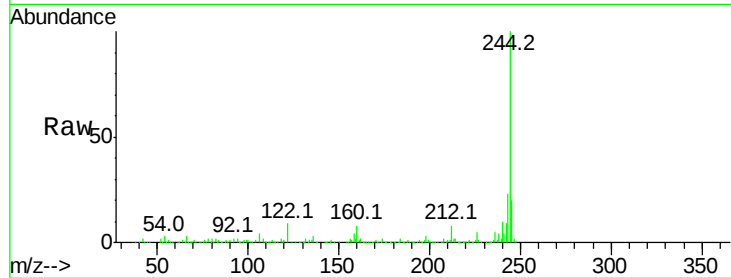
Tot Ion:244 Resp: 727584

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

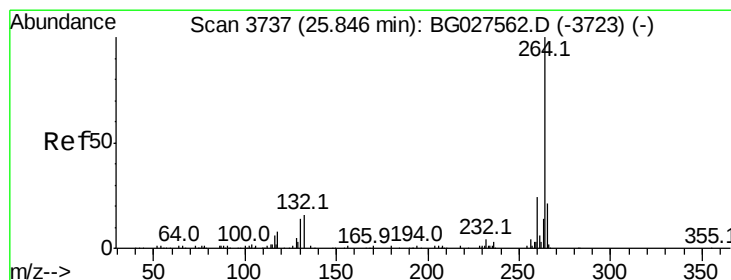
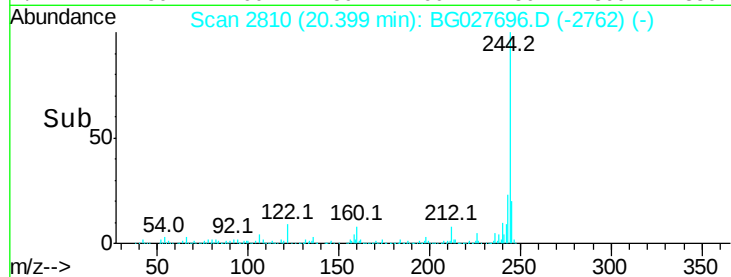
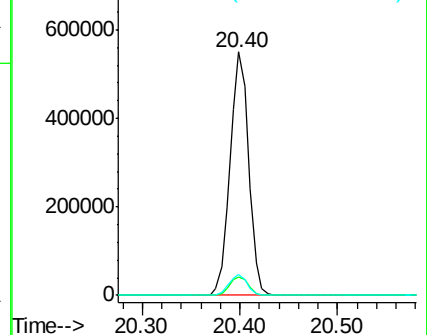
122 8.6 8.6 12.8



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: 25.80 min Scan# 3729

Delta R.T. -0.05 min

Lab File: BG027696.D

Acq: 27 Jun 2017 10:36

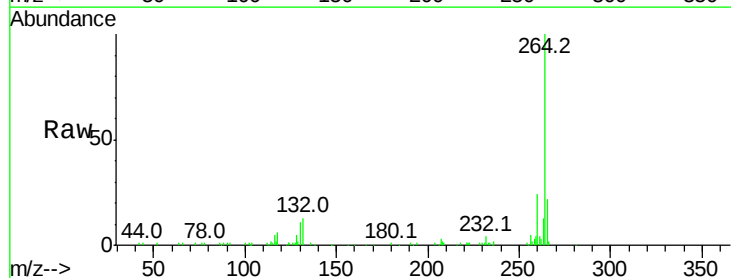
Tgt Ion:264 Resp: 132089

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 22.3 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

