

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027807.D
 Acq On : 2 Jul 2017 6:39
 Operator : SJ/JU
 Sample : I3979-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 07:00:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	27352	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	133528	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	87305	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	235184	20.00	ng	0.00
75) Chrysene-d12	22.17	240	231033	20.00	ng	0.00
86) Perylene-d12	25.79	264	201808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	247715	139.46	ng	0.00
7) Phenol-d6	7.62	99	307986	113.50	ng	0.00
23) Nitrobenzene-d5	9.64	82	233540	97.49	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	245548	205.05	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	629629	103.00	ng	0.00
78) Terphenyl-d14	20.39	244	1172192	118.95	ng	0.00

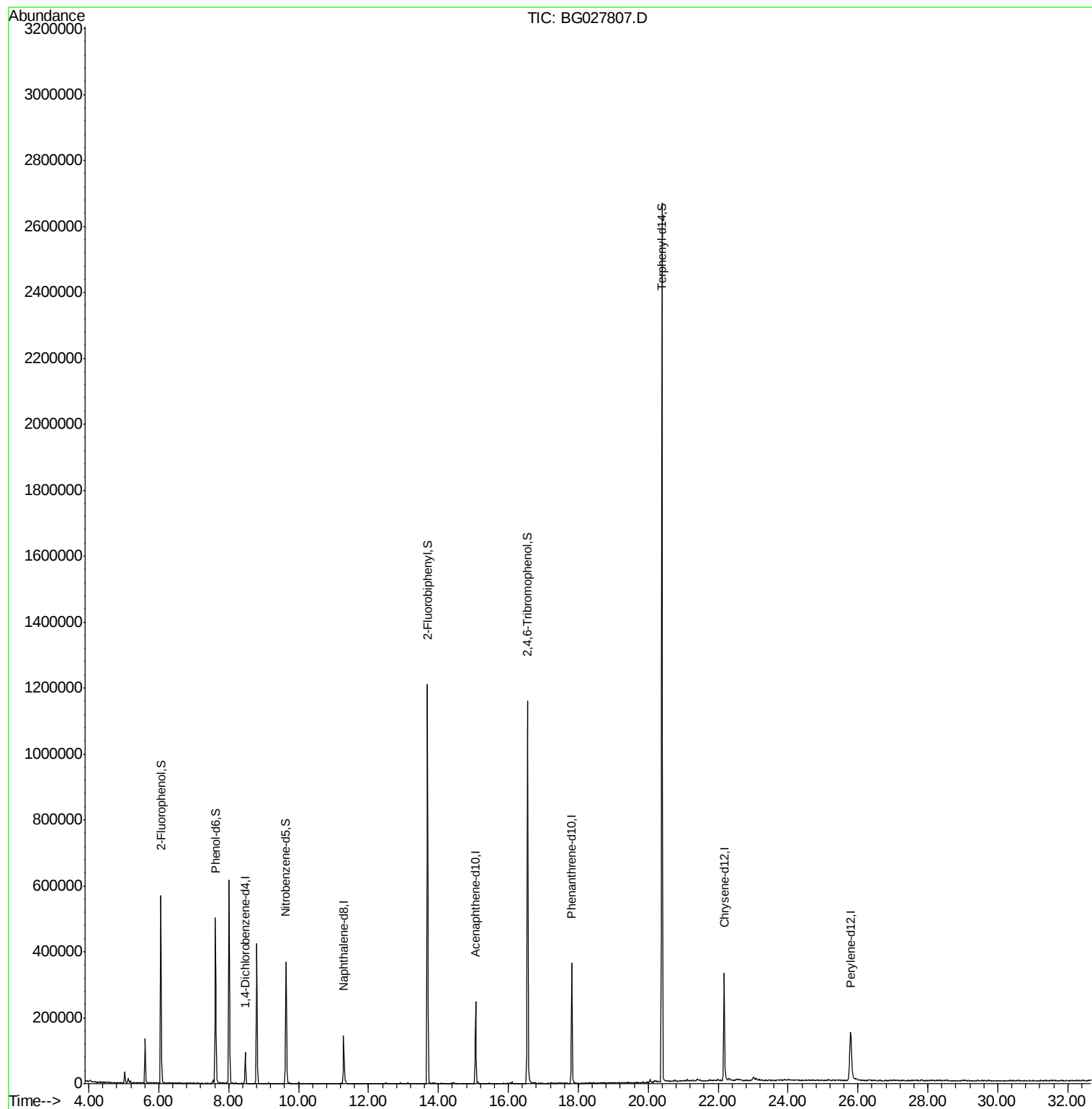
Target Compounds Qvalue

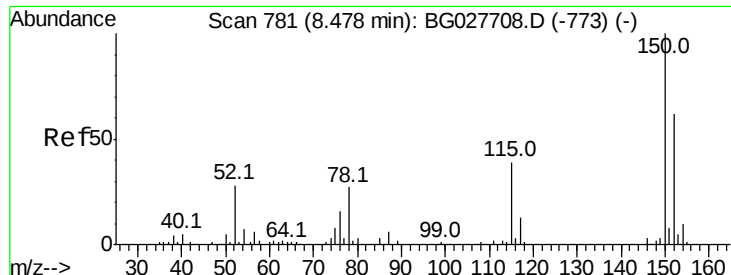
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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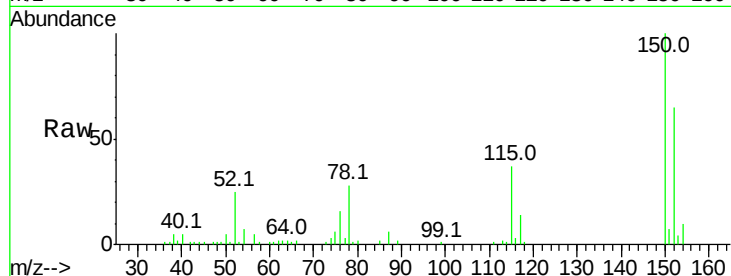


#1

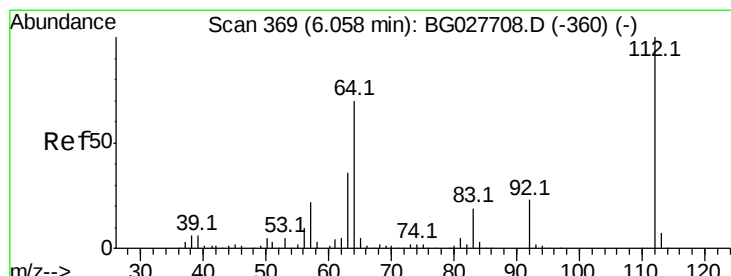
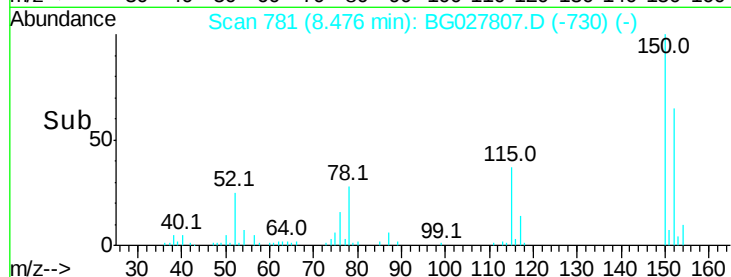
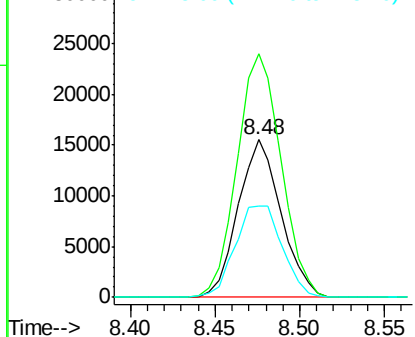
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027807.D
Acq: 2 Jul 2017 6:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27352
Ion Ratio Lower Upper
152 100
150 154.7 114.0 171.0
115 58.0 48.1 72.1



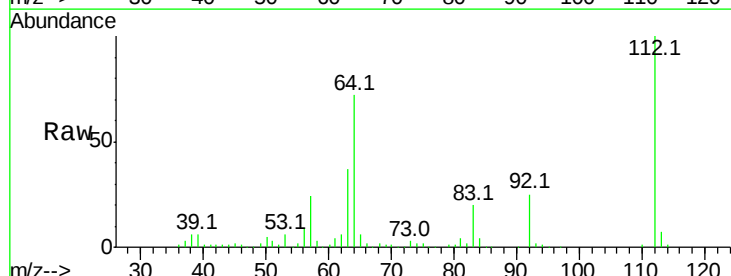
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



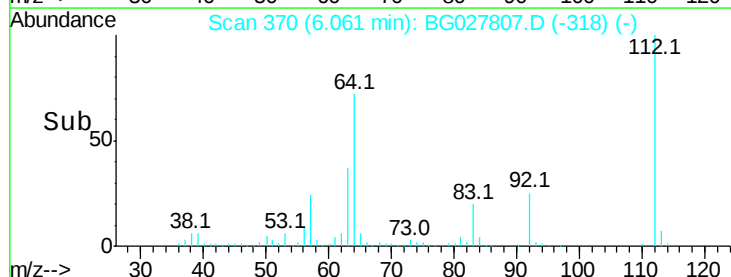
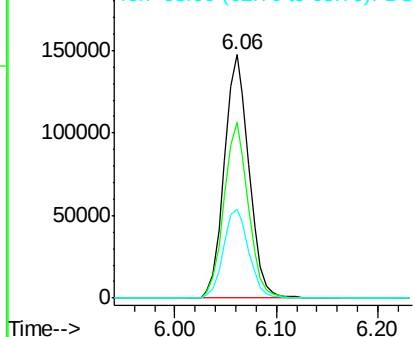
#5

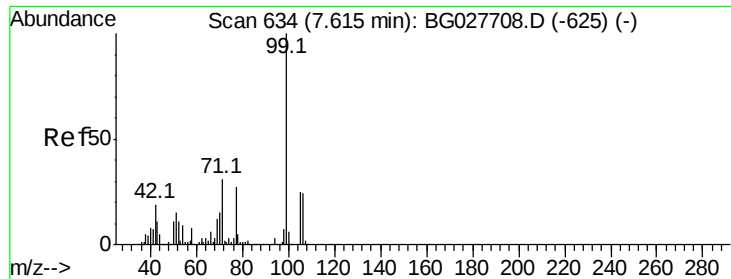
2-Fluorophenol
Concen: 139.46 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027807.D
Acq: 2 Jul 2017 6:39

Tgt Ion:112 Resp: 247715
Ion Ratio Lower Upper
112 100
64 72.4 61.8 92.6
63 36.6 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: 113.50 ng

RT: 7.62 min Scan# 636

Delta R.T. 0.01 min

Lab File: BG027807.D

Acq: 2 Jul 2017 6:39

Instrument :

BNA_G

ClientSampleId :

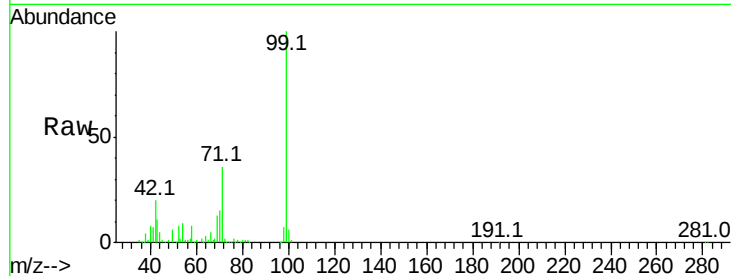
Tot Ion: 99 Resp: 307986

Ion Ratio Lower Upper

99 100

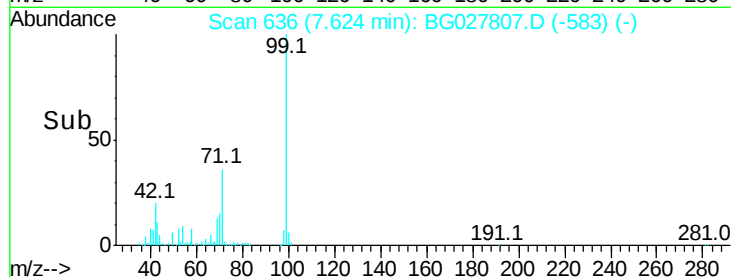
42 19.5 20.5 30.7#

71 35.6 37.6 56.4#

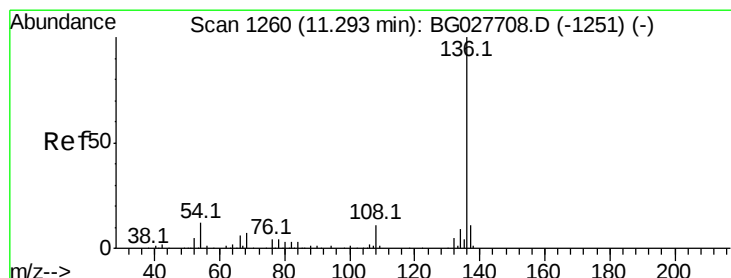


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

7.62



Time--> 7.50 7.60 7.70



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027807.D

Acq: 2 Jul 2017 6:39

Tgt Ion: 136 Resp: 133528

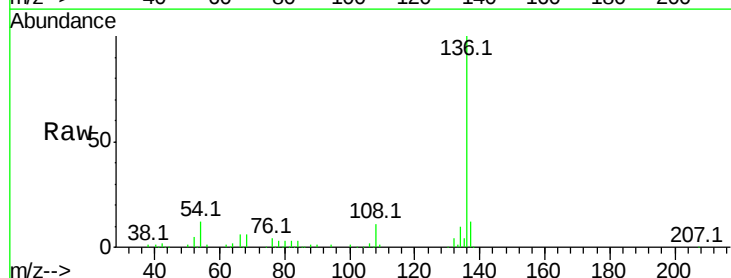
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

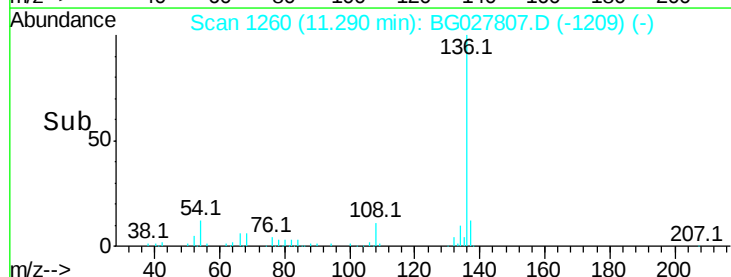
54 11.6 9.3 13.9

68 5.7 5.1 7.7

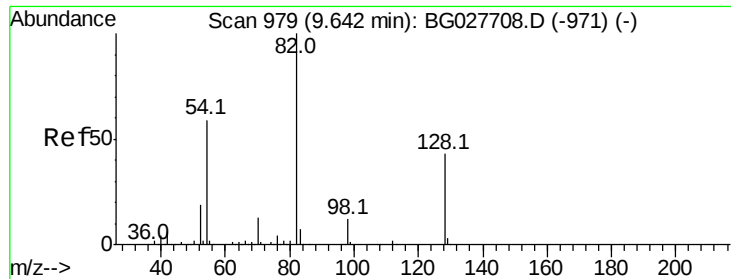


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

11.29



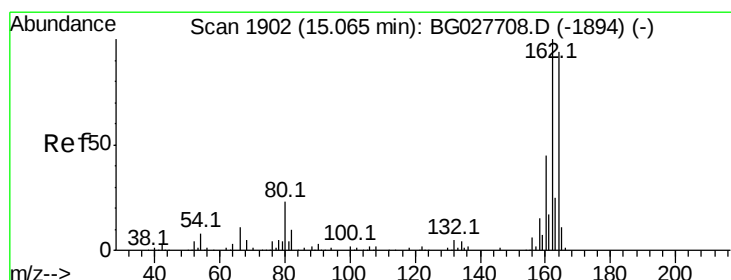
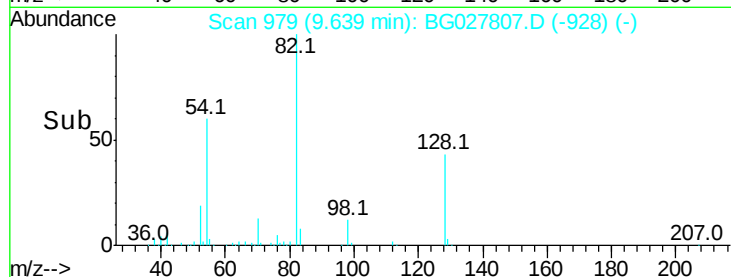
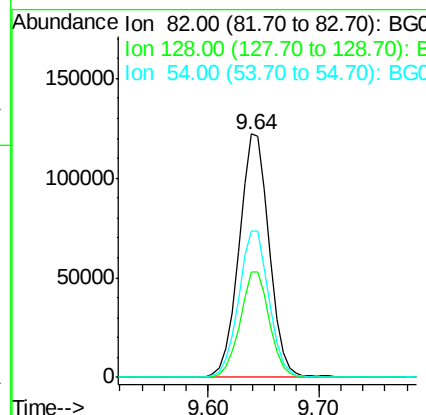
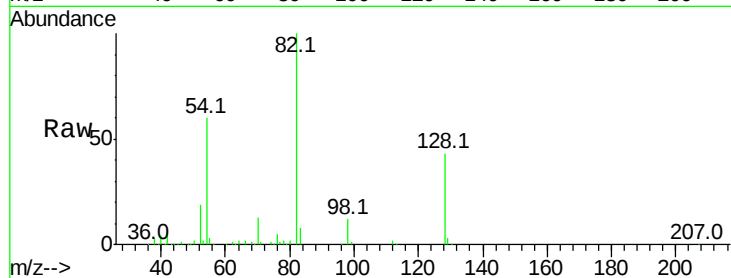
Time--> 11.20 11.30 11.40



#23
Nitrobenzene-d5
Concen: 97.49 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027807.D
Acq: 2 Jul 2017 6:39

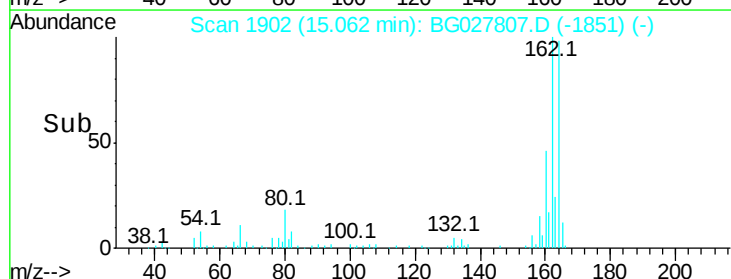
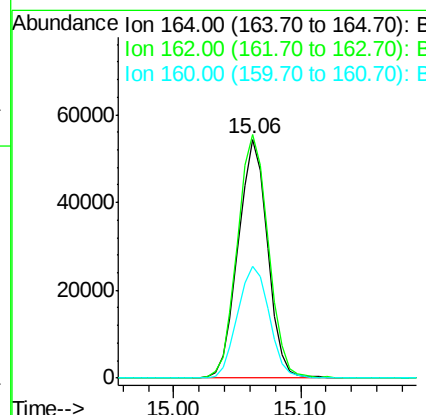
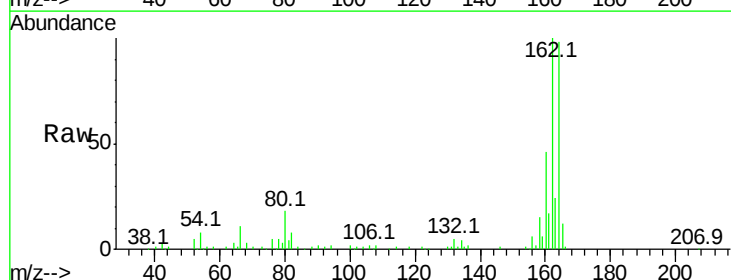
Instrument :
BNA_G
ClientSampleId :

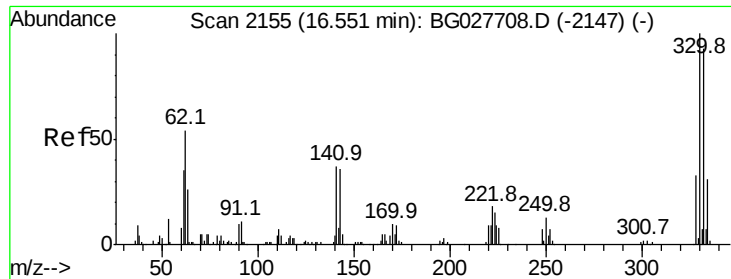
Tot Ion: 82 Resp: 233540
Ion Ratio Lower Upper
82 100
128 43.4 26.4 39.6#
54 60.1 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027807.D
Acq: 2 Jul 2017 6:39

Tgt Ion:164 Resp: 87305
Ion Ratio Lower Upper
164 100
162 101.9 85.1 127.7
160 46.6 34.7 52.1

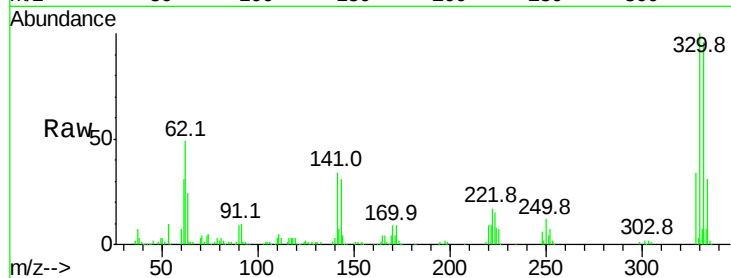




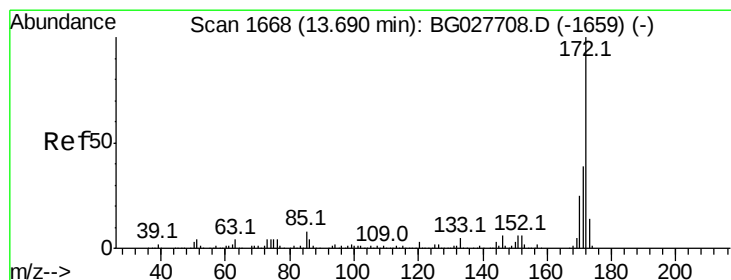
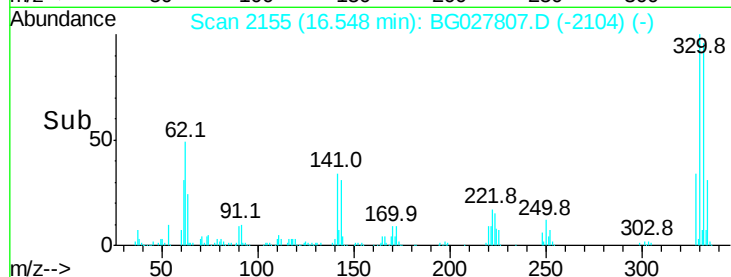
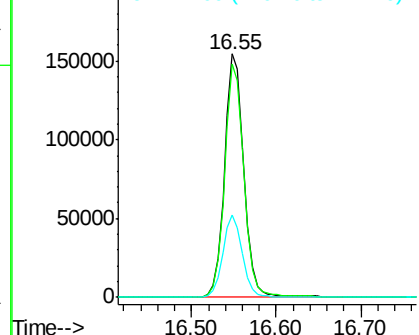
#41
 2,4,6-Tribromophenol
 Concen: 205.05 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027807.D
 Acq: 2 Jul 2017 6:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	34.5	32.1	48.1

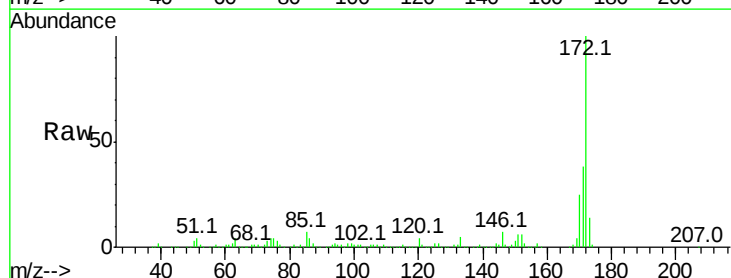


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

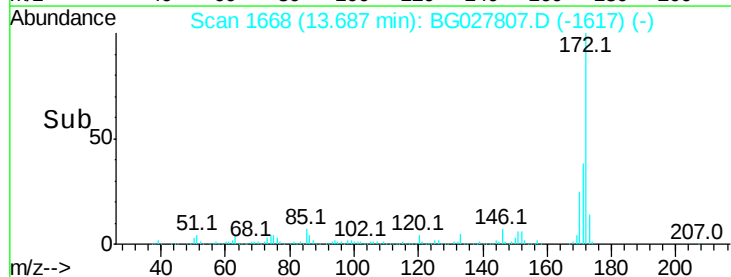
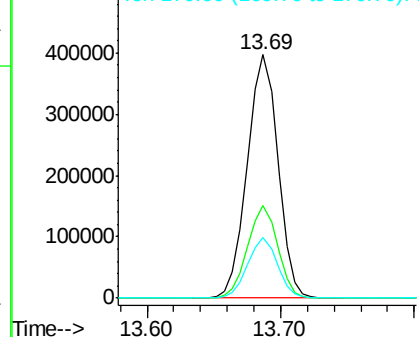


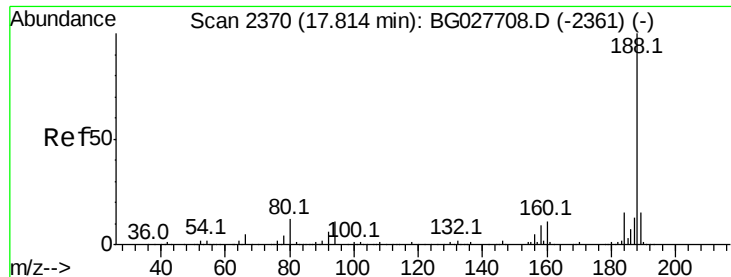
#44
 2-Fluorobiphenyl
 Concen: 103.00 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027807.D
 Acq: 2 Jul 2017 6:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	24.8	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

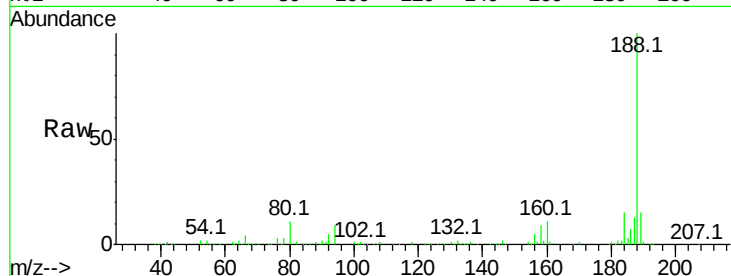




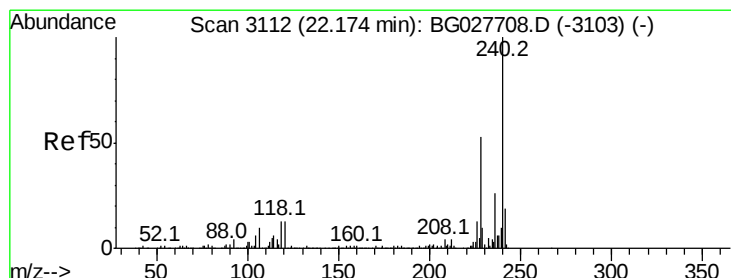
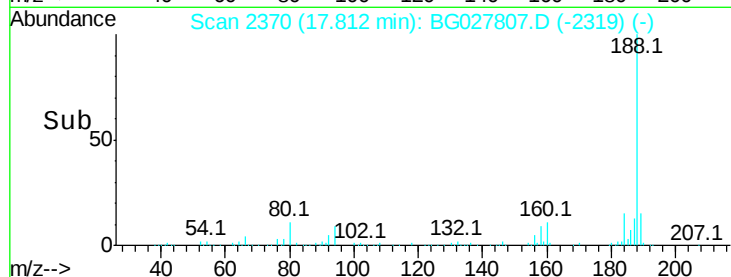
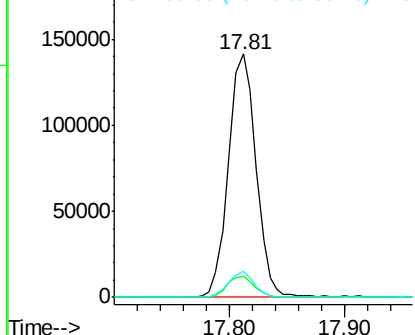
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027807.D
Acq: 2 Jul 2017 6:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 235184
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.8
80 10.6 7.5 11.3

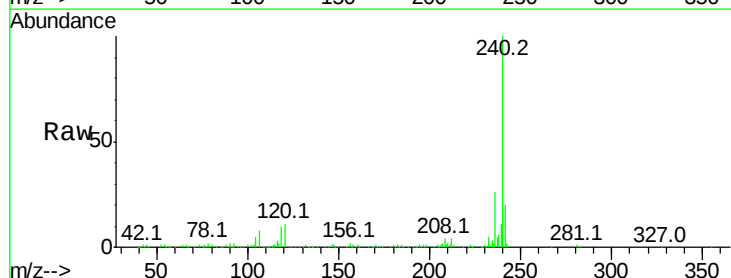


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

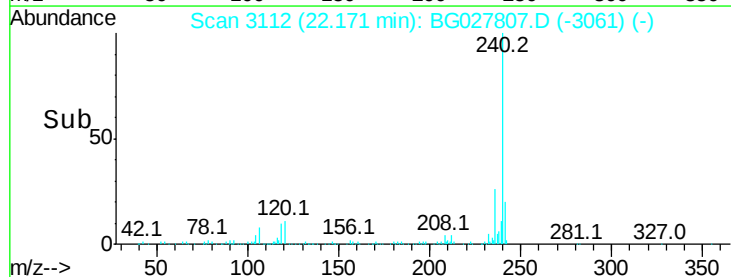
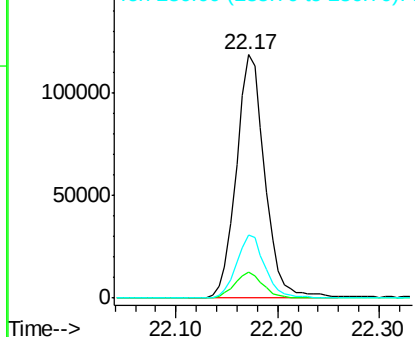


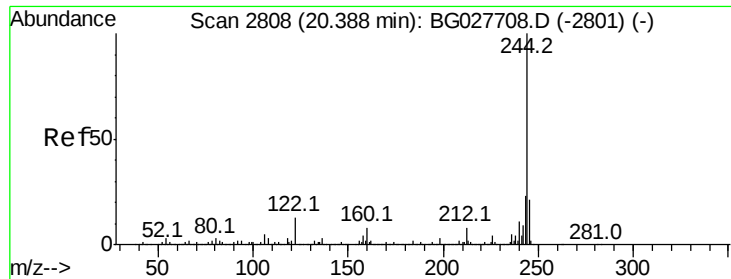
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027807.D
Acq: 2 Jul 2017 6:39

Tgt Ion:240 Resp: 231033
Ion Ratio Lower Upper
240 100
120 10.9 5.7 8.5#
236 25.9 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: 118.95 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027807.D

Acq: 2 Jul 2017 6:39

Instrument :

BNA_G

ClientSampled :

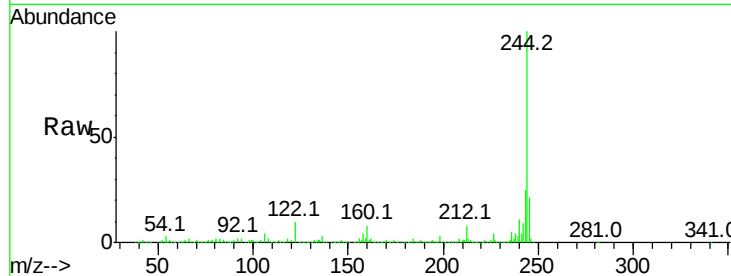
Tot Ion:244 Resp: 1172192

Ion Ratio Lower Upper

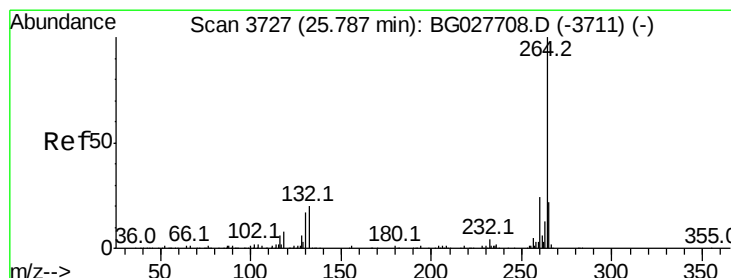
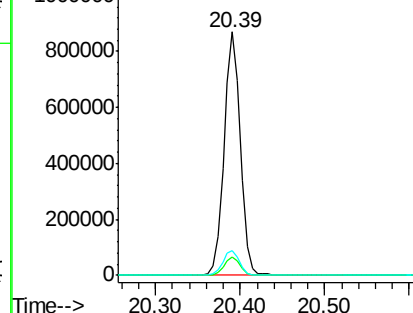
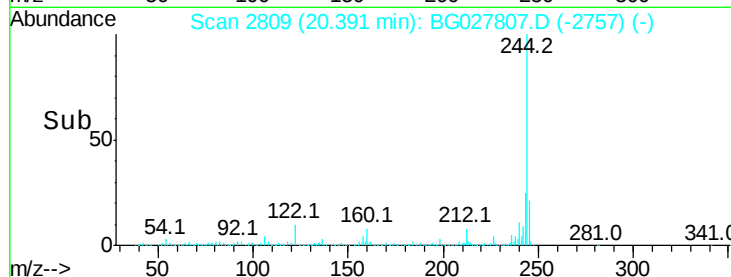
244 100

212 7.5 10.0 15.0#

122 10.3 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: 25.79 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG027807.D

Acq: 2 Jul 2017 6:39

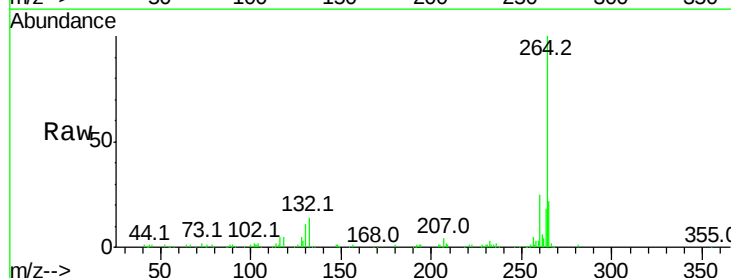
Tgt Ion:264 Resp: 201808

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 22.1 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

