

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
 Data File : BG027762.D
 Acq On : 30 Jun 2017 20:27
 Operator : SJ/JU
 Sample : PB100317TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100317TB

Quant Time: Jul 01 01:25:40 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	35815	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	168702	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	105109	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	275585	20.00	ng	0.00
75) Chrysene-d12	22.18	240	281745	20.00	ng	0.00
86) Perylene-d12	25.80	264	274538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	301260	129.53	ng	0.00
7) Phenol-d6	7.62	99	415407	116.91	ng	0.00
23) Nitrobenzene-d5	9.65	82	244765	80.87	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	201625	139.85	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	626150	85.08	ng	0.00
78) Terphenyl-d14	20.40	244	1123130	93.45	ng	0.00

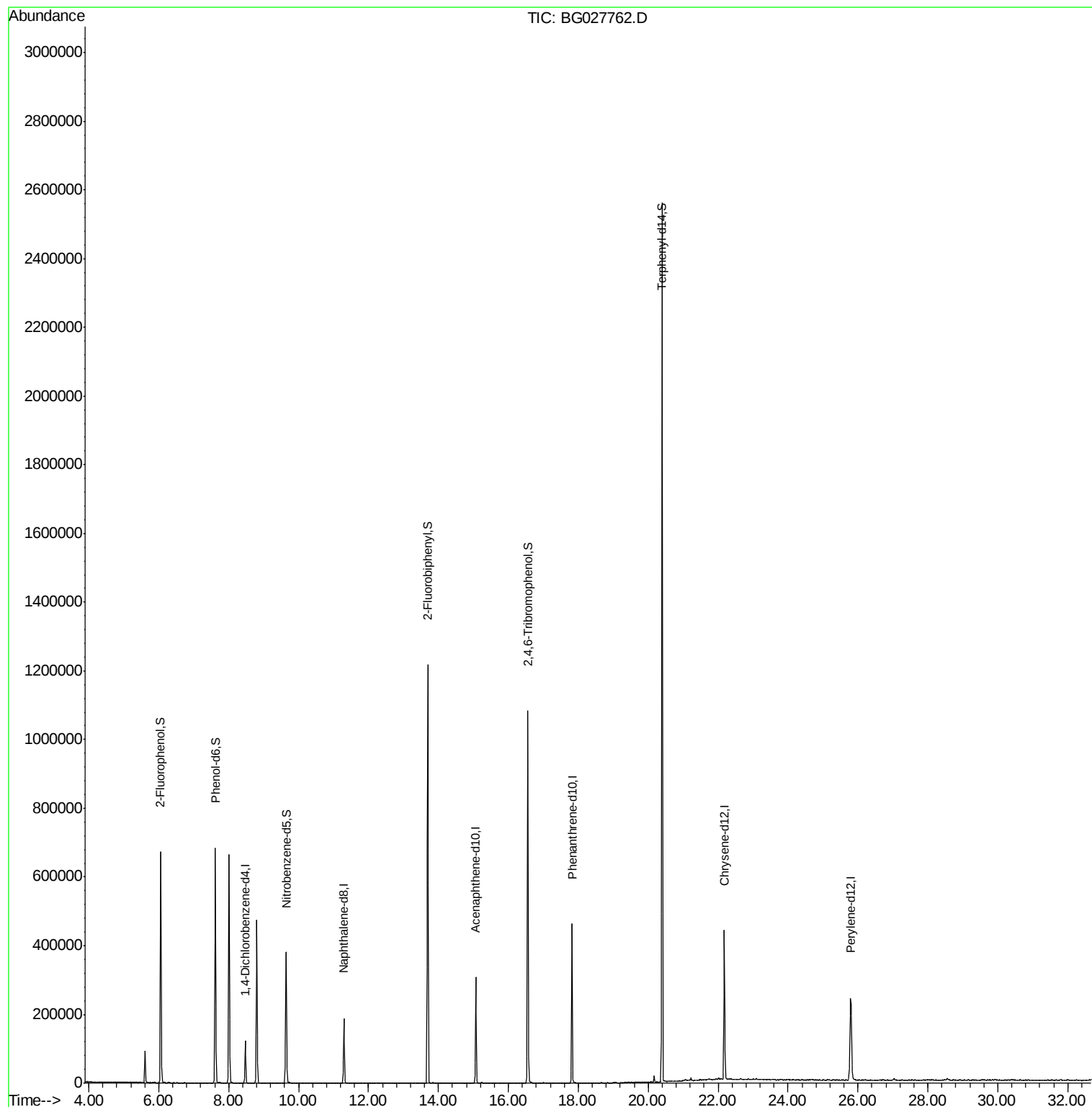
Target Compounds Qvalue

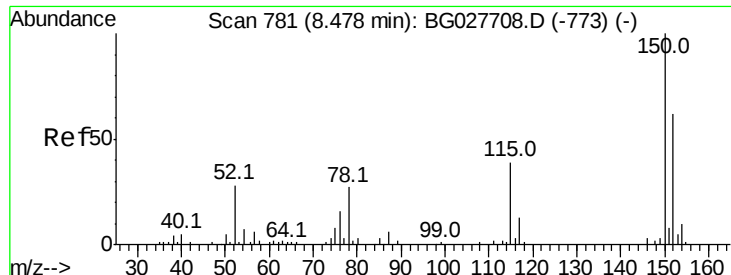
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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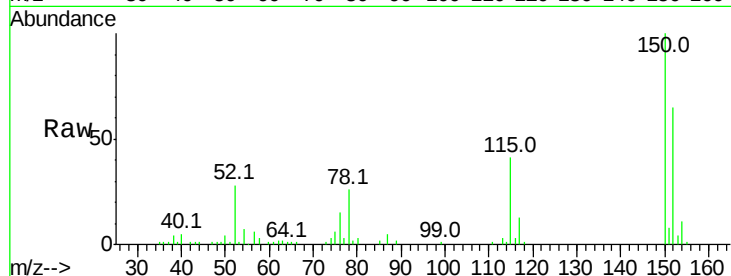


#1

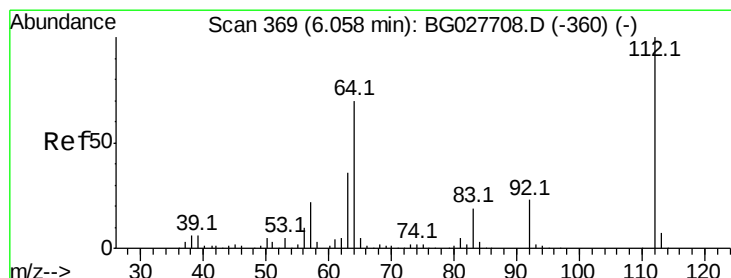
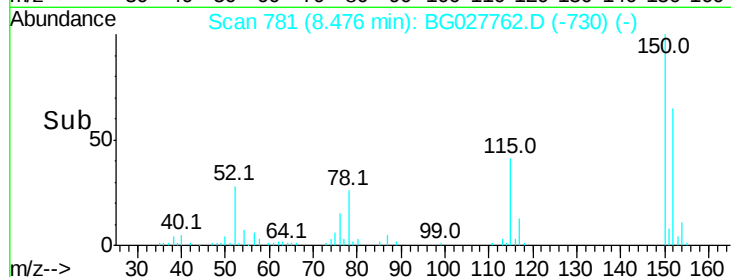
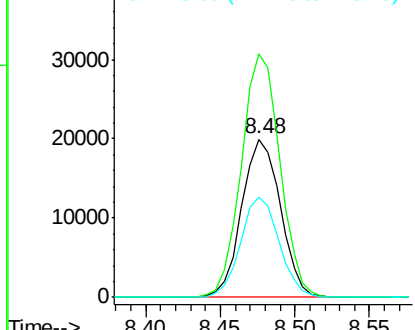
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027762.D
Acq: 30 Jun 2017 20:27

Instrument :
BNA_G
ClientSampleId :
PB100317TB

Tot Ion:152 Resp: 35815
Ion Ratio Lower Upper
152 100
150 154.1 114.0 171.0
115 63.2 48.1 72.1



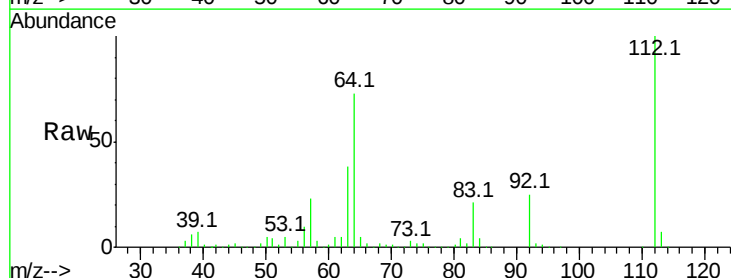
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



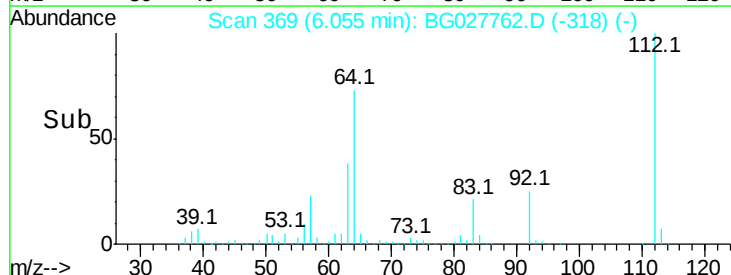
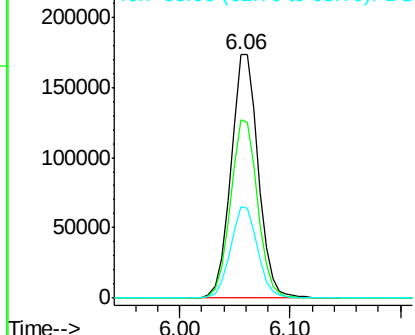
#5

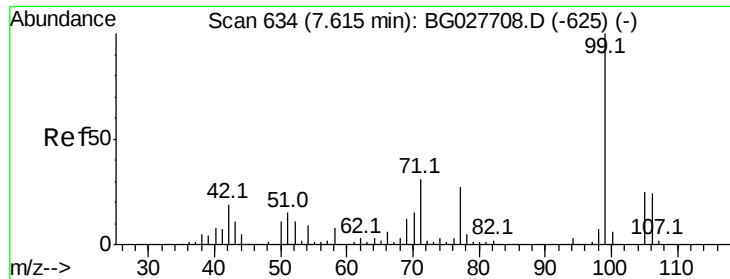
2-Fluorophenol
Concen: 129.53 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027762.D
Acq: 30 Jun 2017 20:27

Tgt Ion:112 Resp: 301260
Ion Ratio Lower Upper
112 100
64 73.0 61.8 92.6
63 37.6 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: 116.91 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027762.D

Acq: 30 Jun 2017 20:27

Instrument :

BNA_G

ClientSampleId :

PB100317TB

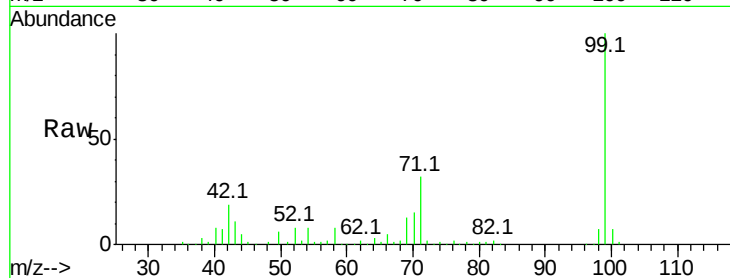
Tot Ion: 99 Resp: 415407

Ion Ratio Lower Upper

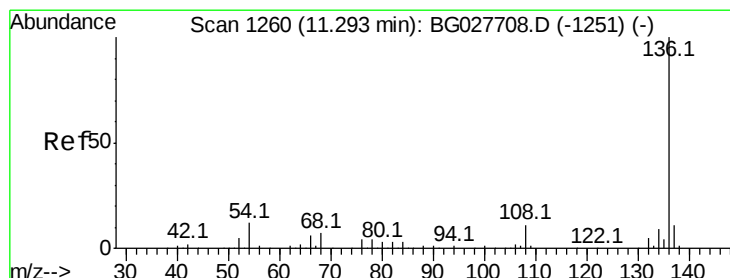
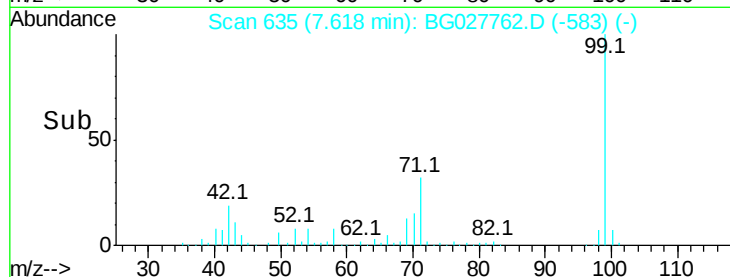
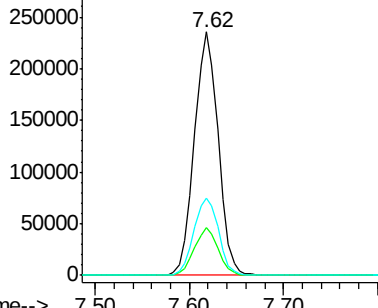
99 100

42 19.5 20.5 30.7#

71 31.9 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# 1261

Delta R.T. 0.00 min

Lab File: BG027762.D

Acq: 30 Jun 2017 20:27

Tgt Ion: 136 Resp: 168702

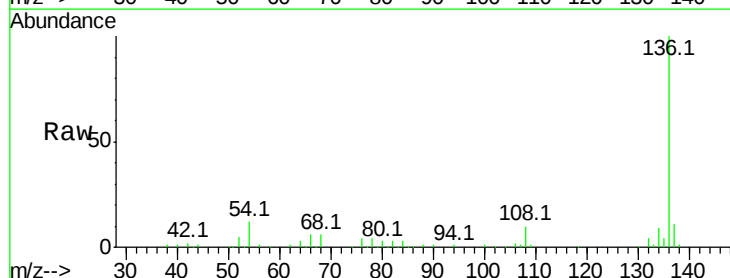
Ion Ratio Lower Upper

136 100

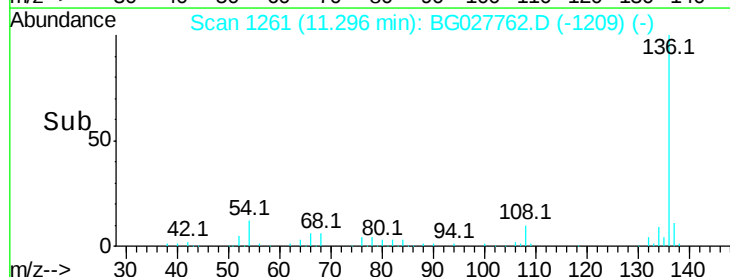
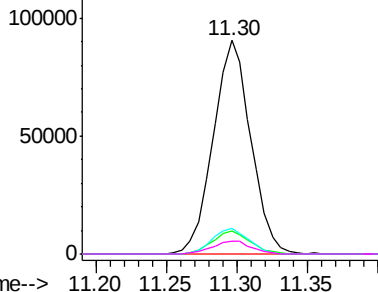
137 10.6 8.9 13.3

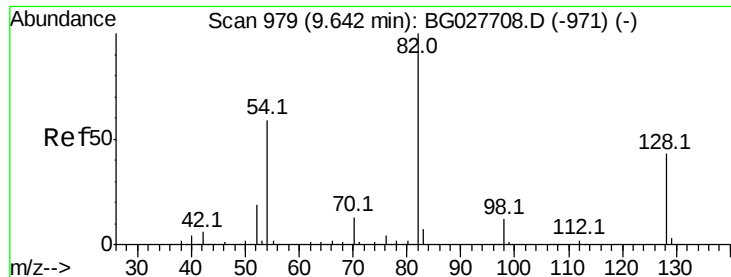
54 11.8 9.3 13.9

68 6.3 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

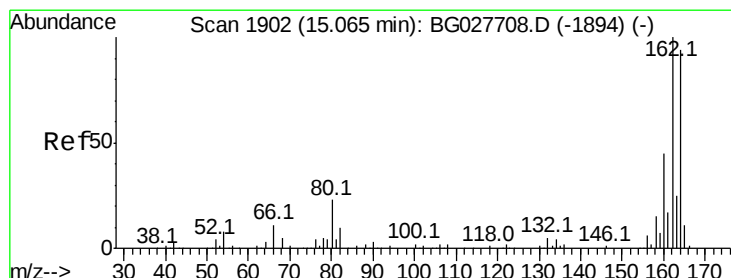
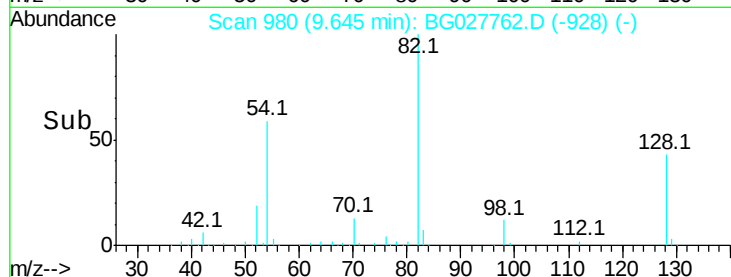
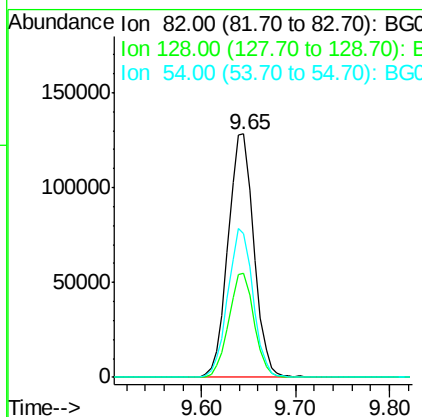
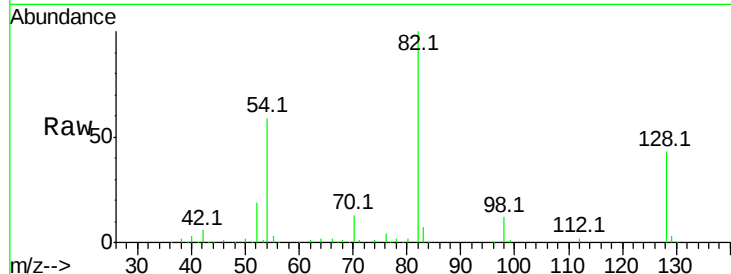




#23
 Nitrobenzene-d5
 Concen: 80.87 ng
 RT: 9.65 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BG027762.D
 Acq: 30 Jun 2017 20:27

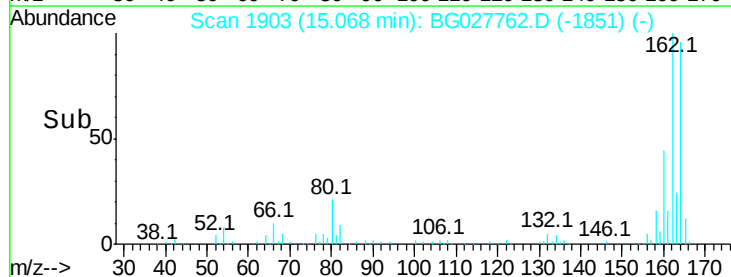
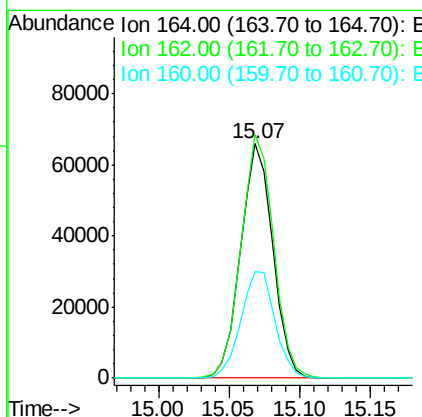
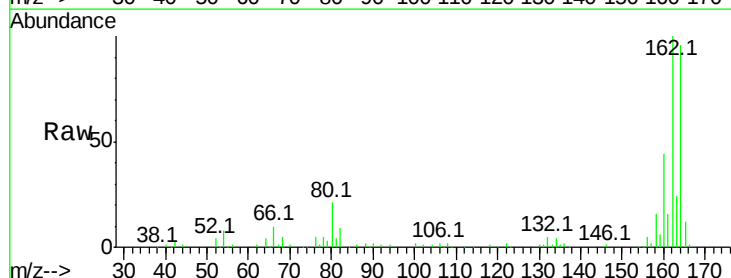
Instrument :
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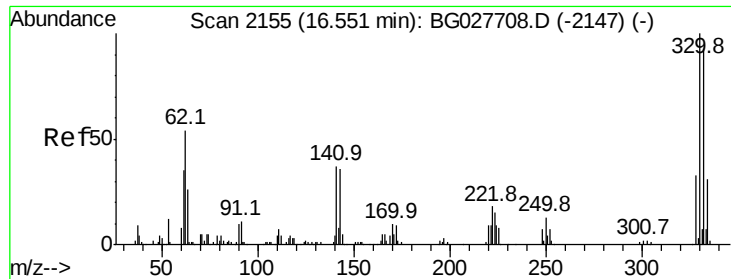
Tot Ion	82	Resp	244765
Ion Ratio	100		
Lower	26.4		
Upper	39.6		
54	58.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BG027762.D
 Acq: 30 Jun 2017 20:27

Tgt Ion	164	Resp	105109
Ion Ratio	100		
Lower	85.1		
Upper	127.7		
162	103.8	34.7	52.1

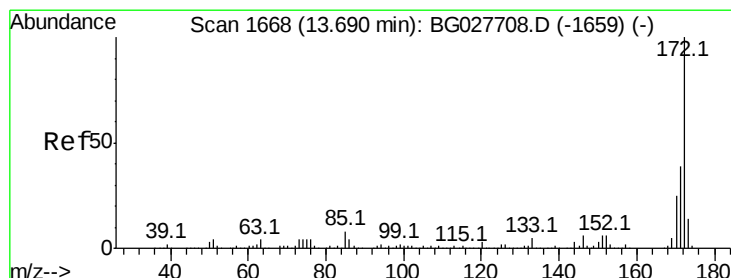
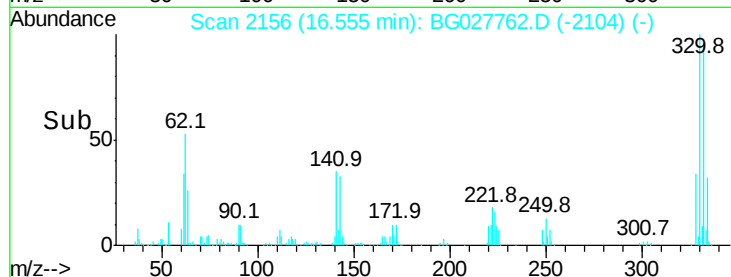
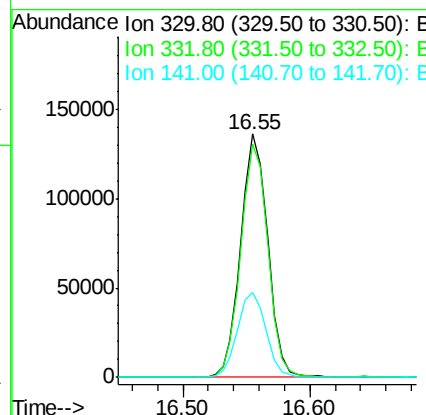
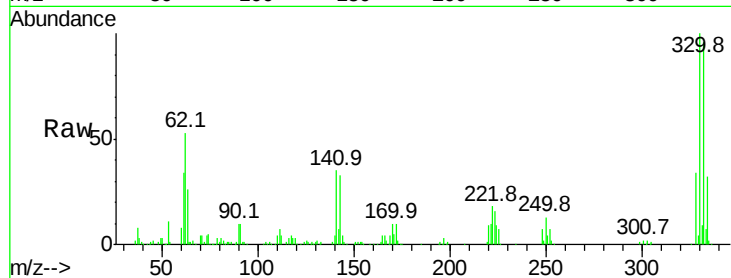




#41
 2,4,6-Tribromophenol
 Concen: 139.85 ng
 RT: 16.55 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG027762.D
 Acq: 30 Jun 2017 20:27

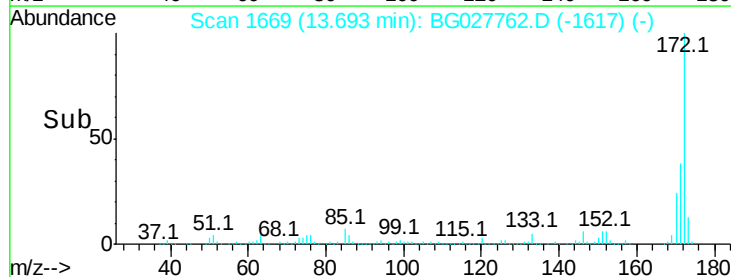
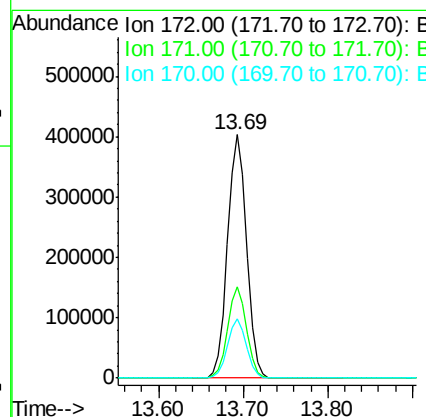
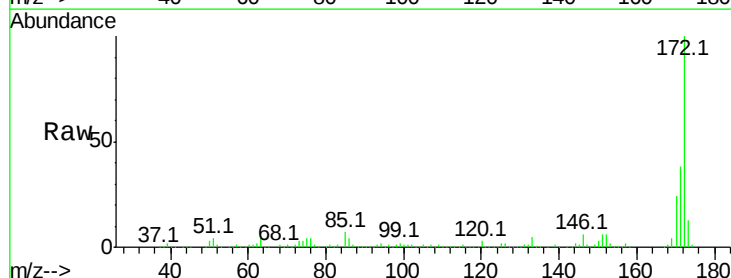
Instrument :
 BNA_G
 ClientSampleId :
 PB100317TB

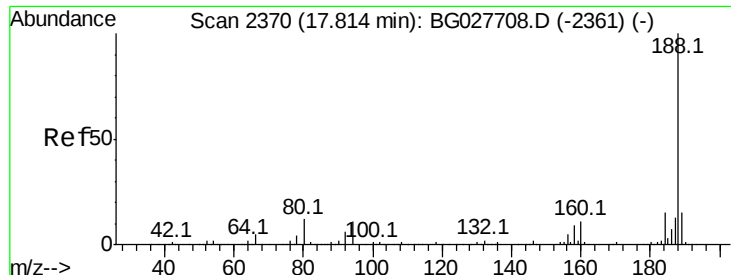
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	36.9	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 85.08 ng
 RT: 13.69 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BG027762.D
 Acq: 30 Jun 2017 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	24.3	21.8	32.6

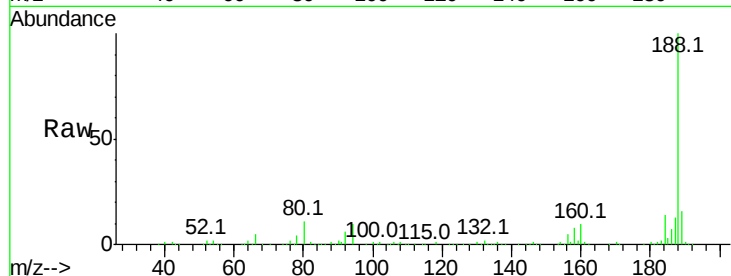




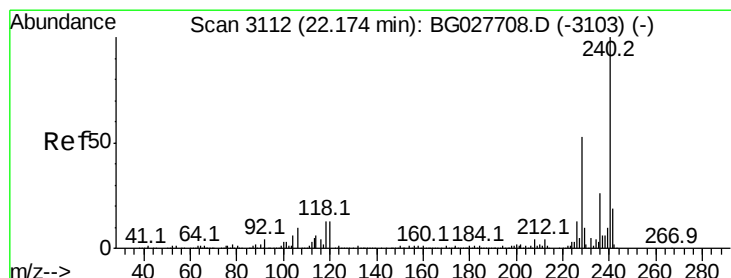
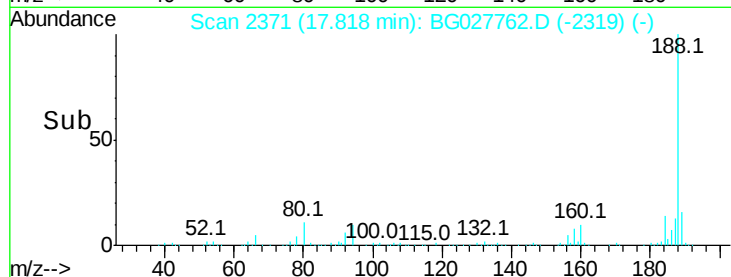
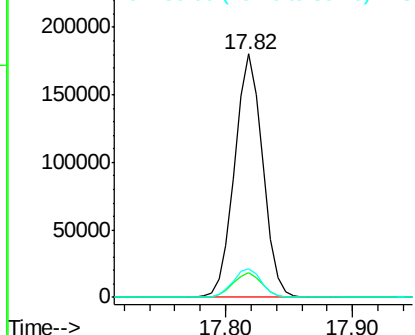
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG027762.D
Acq: 30 Jun 2017 20:27

Instrument :
BNA_G
ClientSampleId :
PB100317TB

Tot Ion:188 Resp: 275585
Ion Ratio Lower Upper
188 100
94 10.1 5.8 8.8#
80 11.5 7.5 11.3#

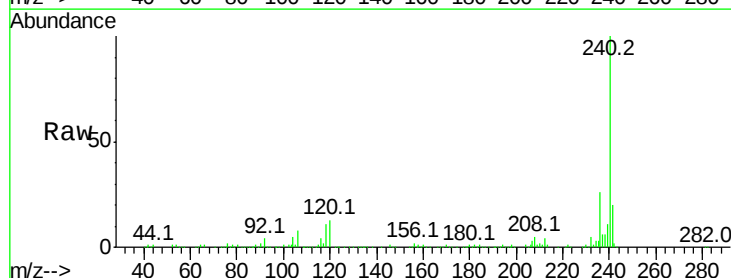


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

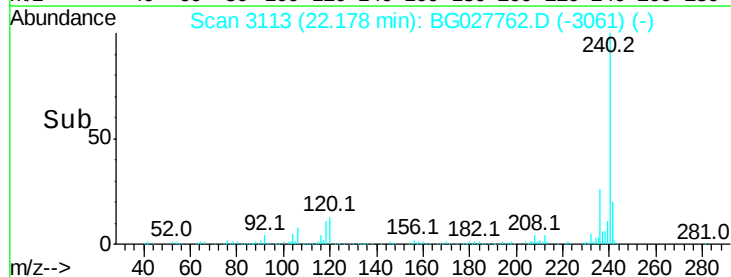
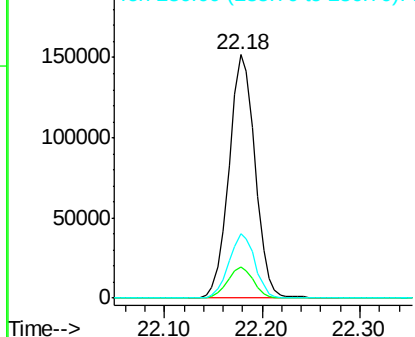


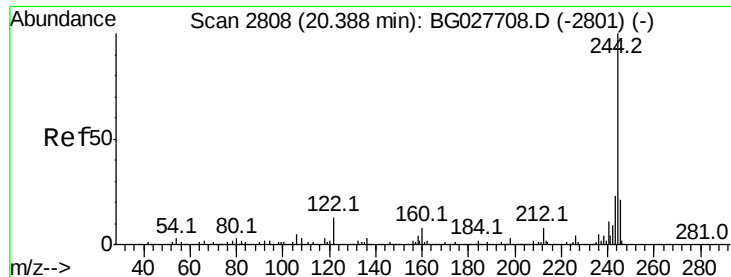
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BG027762.D
Acq: 30 Jun 2017 20:27

Tgt Ion:240 Resp: 281745
Ion Ratio Lower Upper
240 100
120 13.0 5.7 8.5#
236 26.4 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: 93.45 ng

RT: 20.40 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BG027762.D

Acq: 30 Jun 2017 20:27

Instrument :

BNA_G

ClientSampleId :

PB100317TB

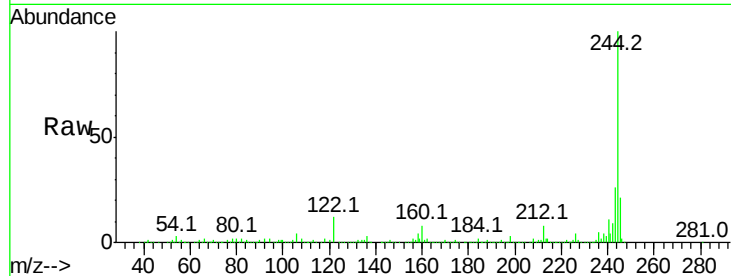
Tot Ion:244 Resp: 1123130

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

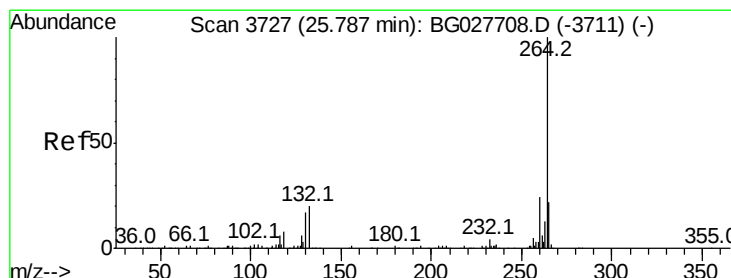
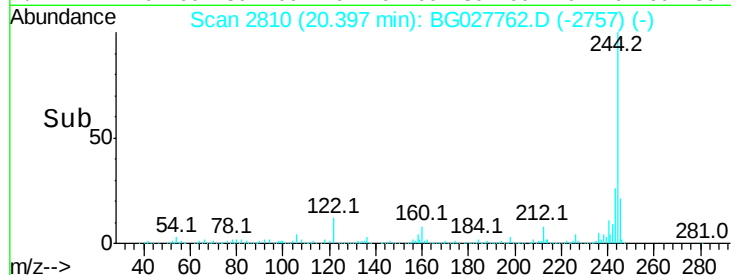
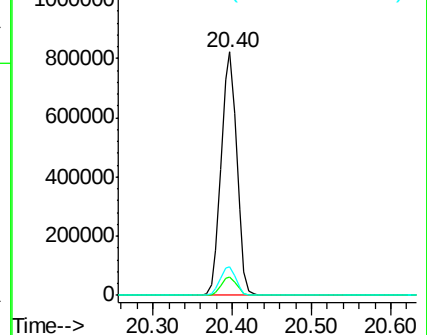
122 11.7 8.6 12.8



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: 25.80 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG027762.D

Acq: 30 Jun 2017 20:27

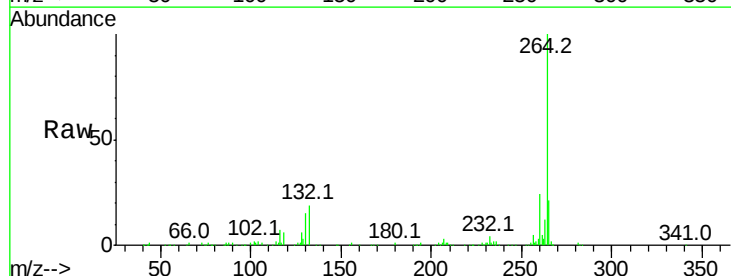
Tgt Ion:264 Resp: 274538

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 21.4 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

