

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070517\
 Data File : BG027851.D
 Acq On : 5 Jul 2017 17:12
 Operator : SJ/JU
 Sample : PB100411TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 18:02:04 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

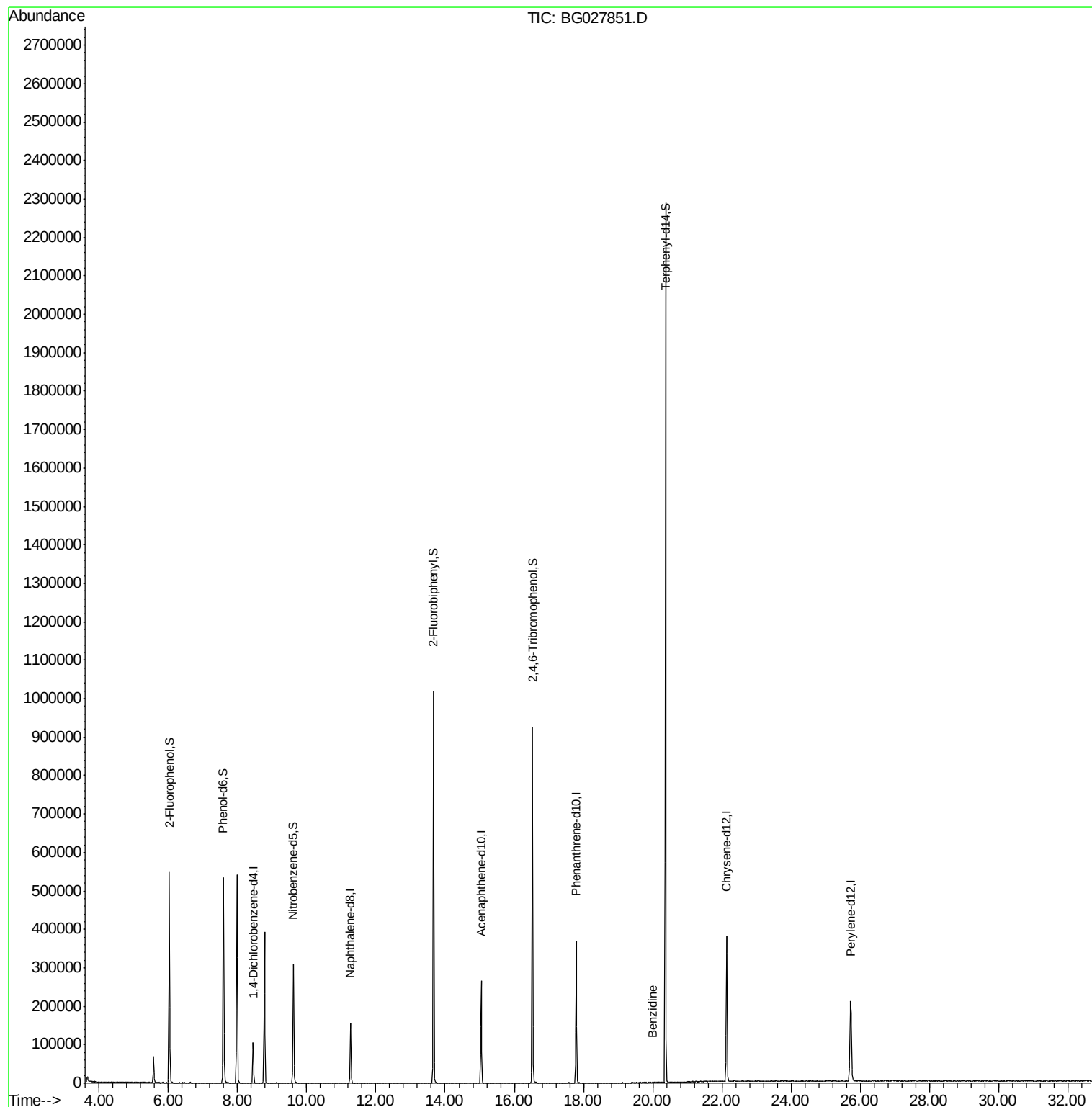
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	30719	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	144152	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	93623	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	242301	20.00	ng	-0.02
75) Chrysene-d12	22.14	240	249246	20.00	ng	-0.04
86) Perylene-d12	25.72	264	253676	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	244699	122.66	ng	-0.03
7) Phenol-d6	7.59	99	333396	109.40	ng	-0.02
23) Nitrobenzene-d5	9.62	82	197258	76.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	197815	154.04	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	563623	85.98	ng	-0.02
78) Terphenyl-d14	20.37	244	1024742	96.39	ng	-0.02
Target Compounds						
76) Benzidine	20.00	184	118	3.24	ng	Qvalue # 64

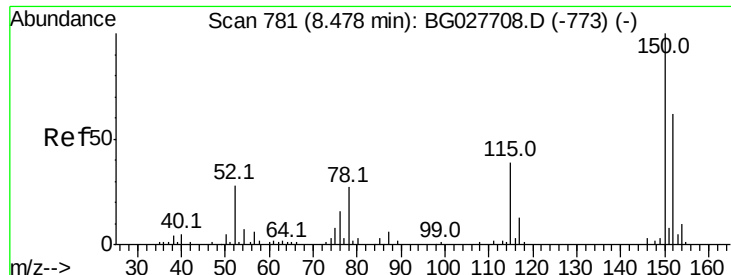
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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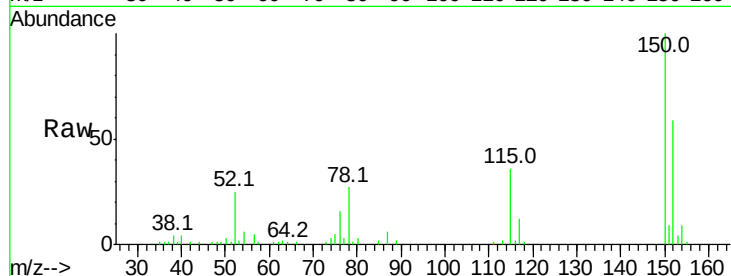


#1

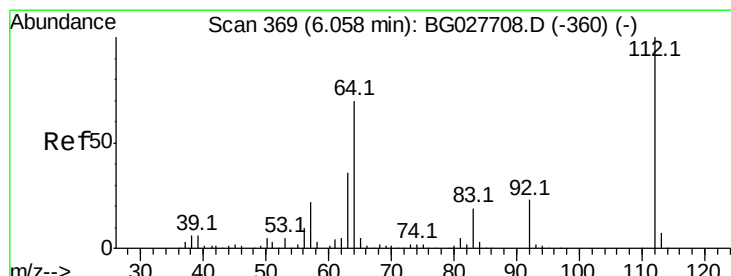
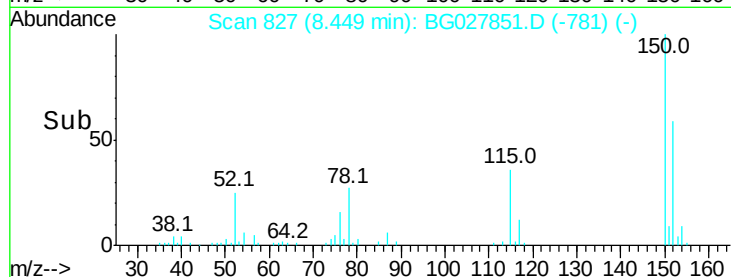
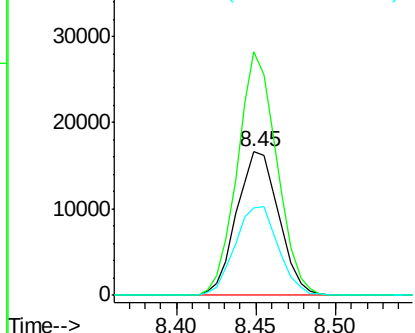
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.45 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027851.D
Acq: 5 Jul 2017 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30719
Ion Ratio Lower Upper
152 100
150 169.8 114.0 171.0
115 61.0 48.1 72.1



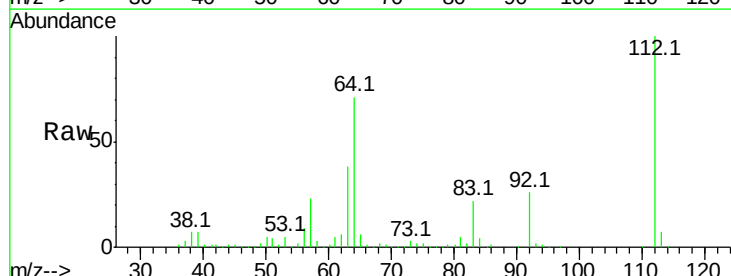
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



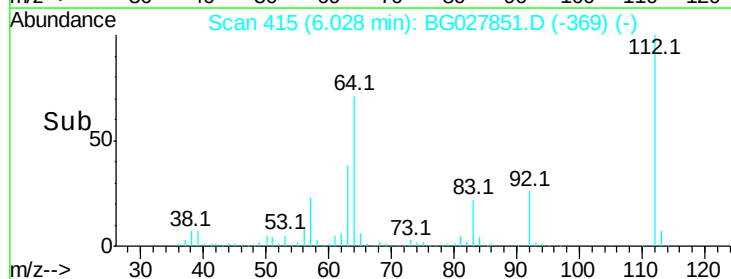
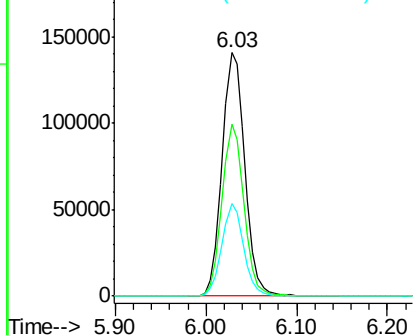
#5

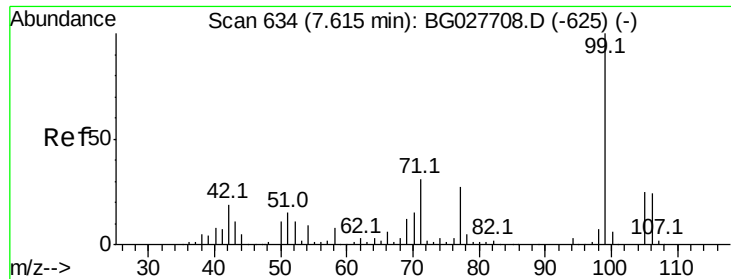
2-Fluorophenol
Concen: 122.66 ng
RT: 6.03 min Scan# 415
Delta R.T. -0.03 min
Lab File: BG027851.D
Acq: 5 Jul 2017 17:12

Tgt Ion:112 Resp: 244699
Ion Ratio Lower Upper
112 100
64 70.9 61.8 92.6
63 37.8 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: 109.40 ng

RT: 7.59 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG027851.D

Acq: 5 Jul 2017 17:12

Instrument :

BNA_G

ClientSampleId :

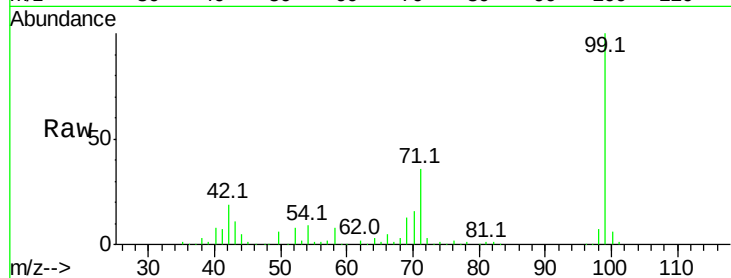
Tot Ion: 99 Resp: 333396

Ion Ratio Lower Upper

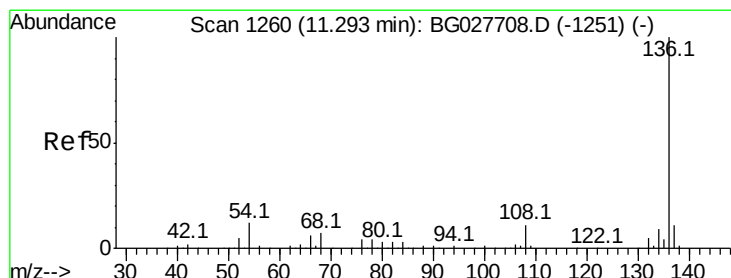
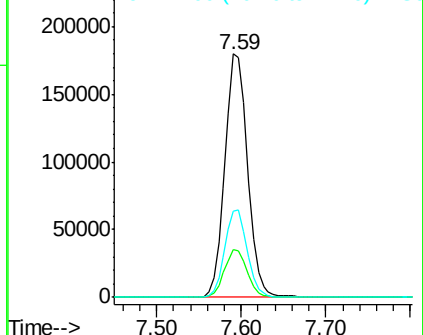
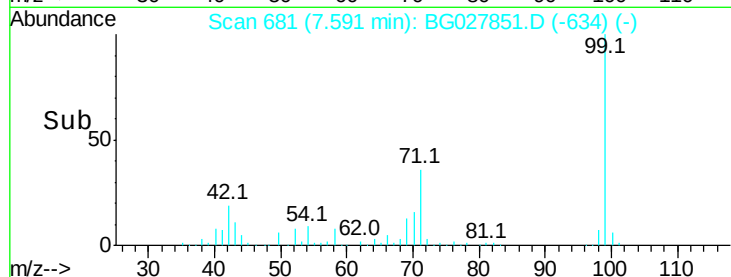
99 100

42 19.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.27 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BG027851.D

Acq: 5 Jul 2017 17:12

Tgt Ion: 136 Resp: 144152

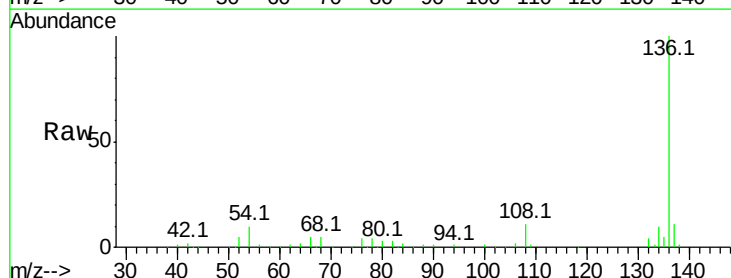
Ion Ratio Lower Upper

136 100

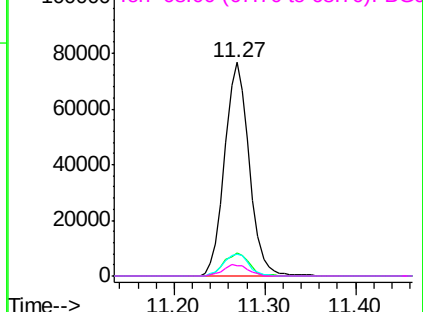
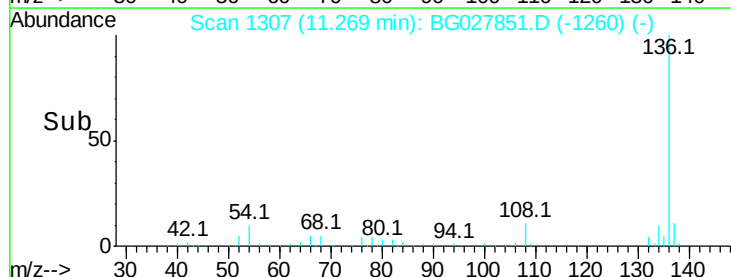
137 10.7 8.9 13.3

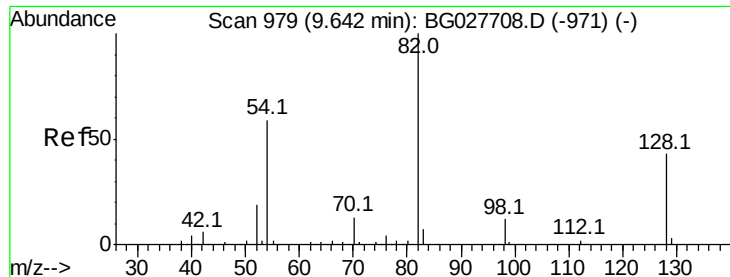
54 10.4 9.3 13.9

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

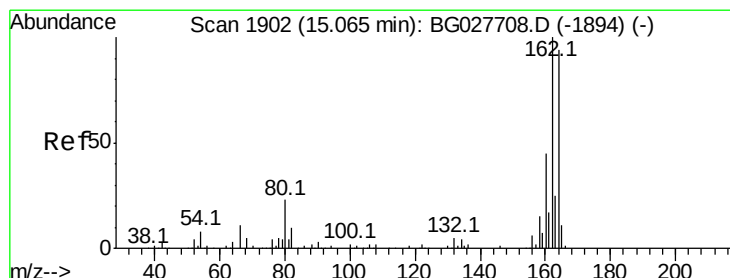
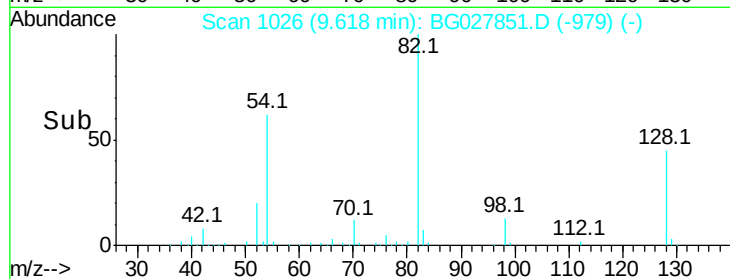
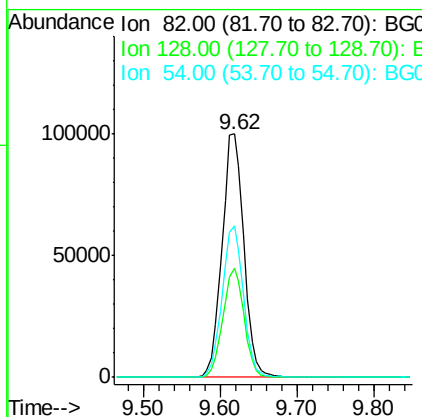
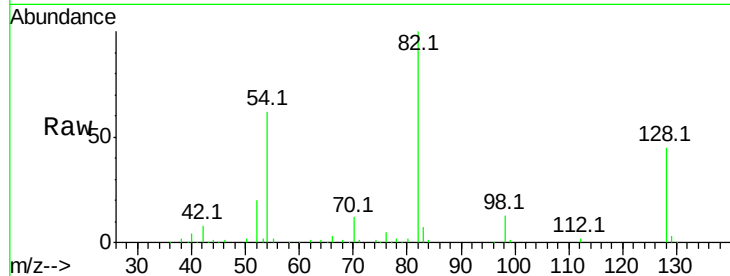




#23
 Nitrobenzene-d5
 Concen: 76.28 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027851.D
 Acq: 5 Jul 2017 17:12

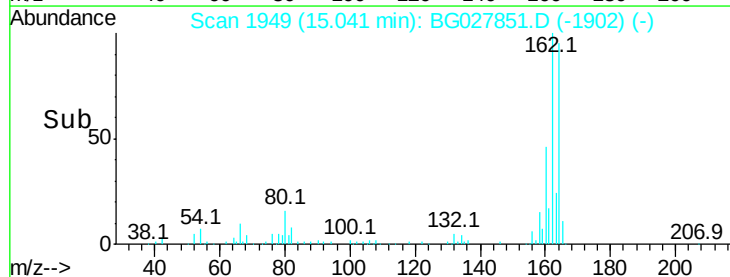
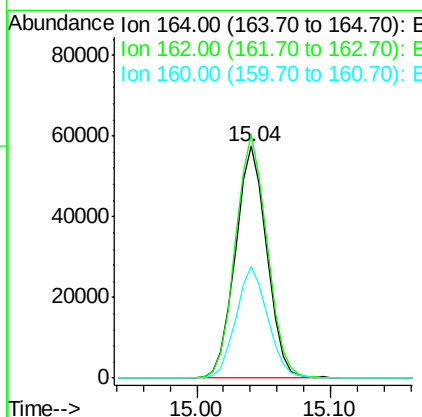
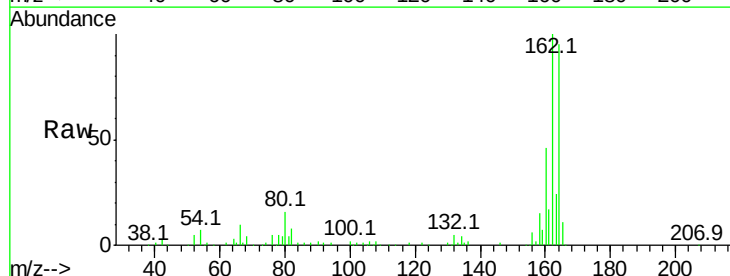
Instrument :
 BNA_G
 ClientSampleId :

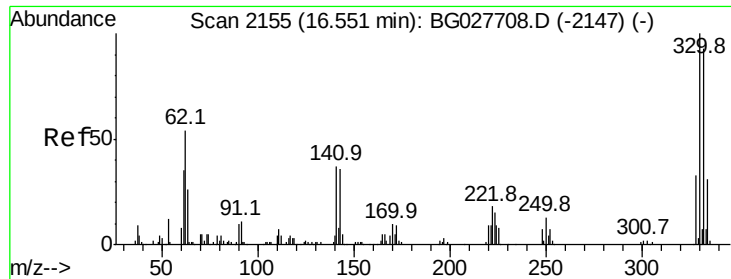
Tot Ion: 82 Resp: 197258
 Ion Ratio Lower Upper
 82 100
 128 44.6 26.4 39.6#
 54 62.2 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027851.D
 Acq: 5 Jul 2017 17:12

Tgt Ion:164 Resp: 93623
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.1 127.7
 160 48.4 34.7 52.1

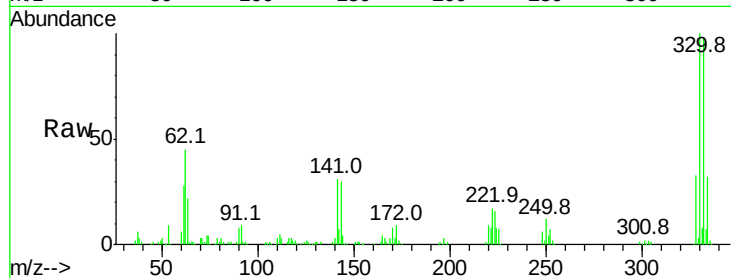




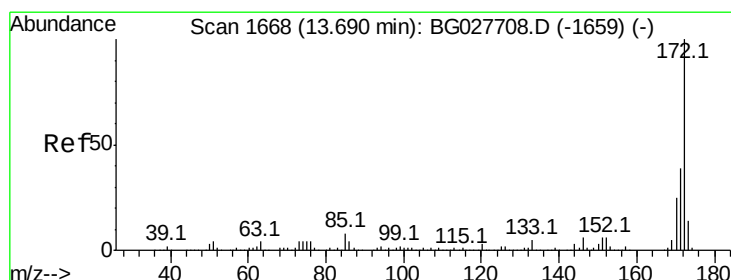
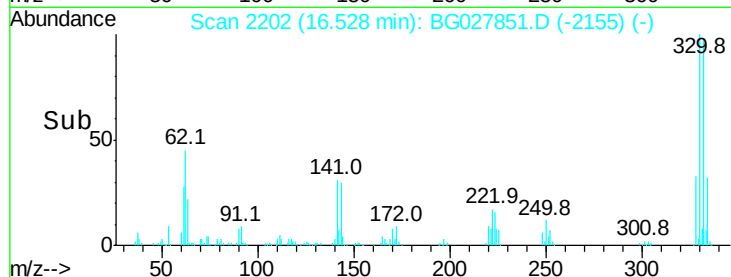
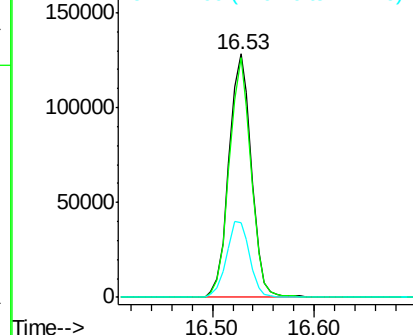
#41
 2,4,6-Tribromophenol
 Concen: 154.04 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027851.D
 Acq: 5 Jul 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	31.9	32.1	48.1#

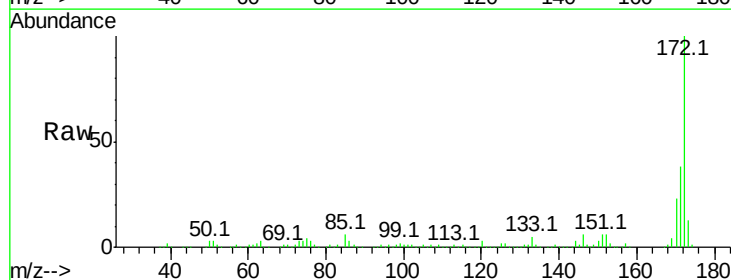


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

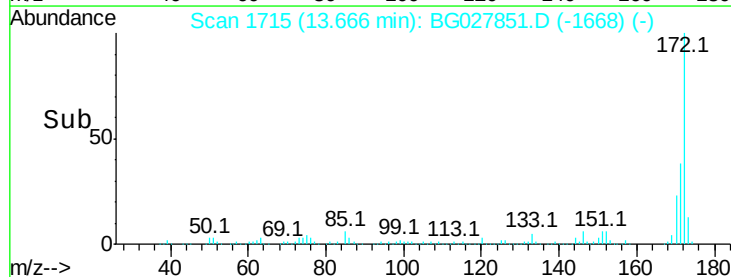
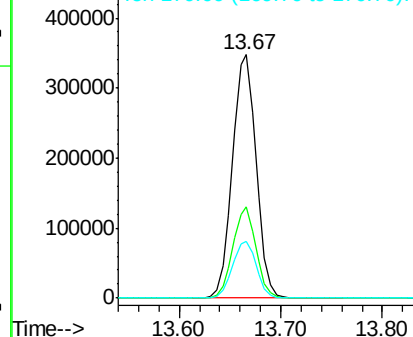


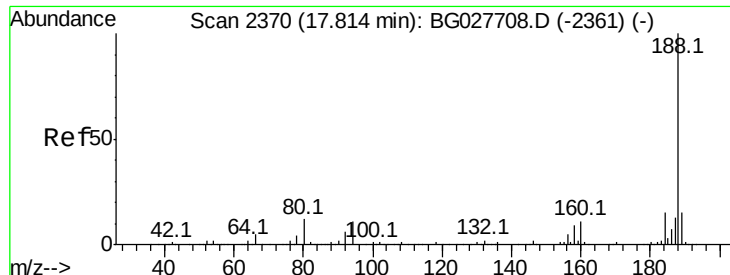
#44
 2-Fluorobiphenyl
 Concen: 85.98 ng
 RT: 13.67 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027851.D
 Acq: 5 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	23.2	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

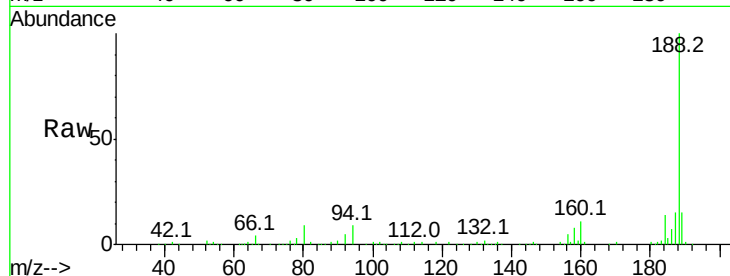




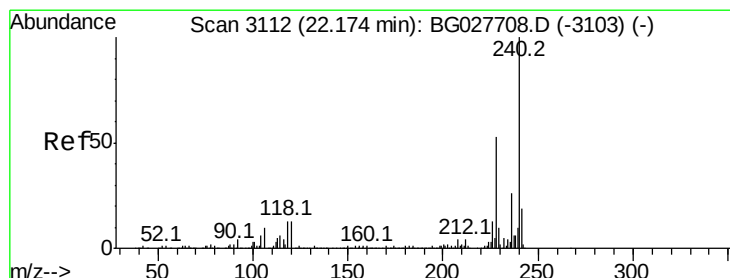
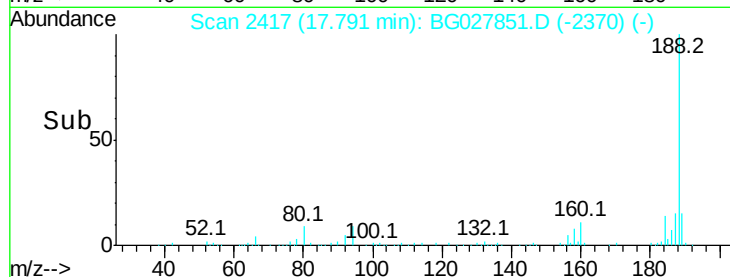
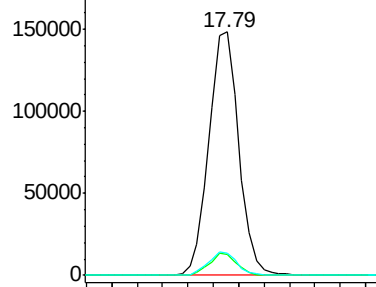
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027851.D
Acq: 5 Jul 2017 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 242301
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.8
80 9.0 7.5 11.3

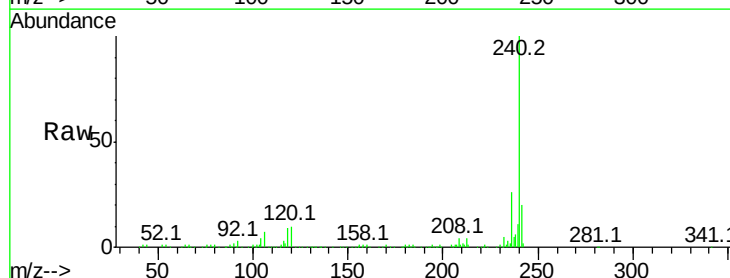


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

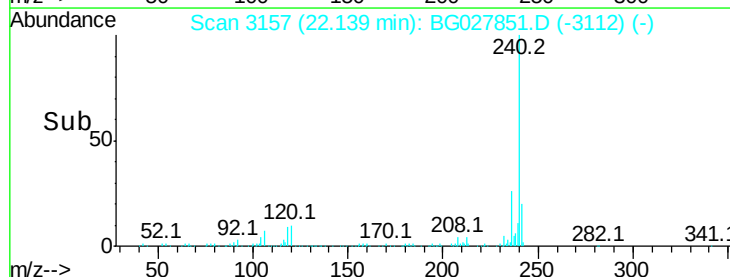
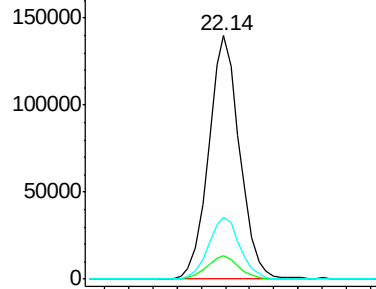


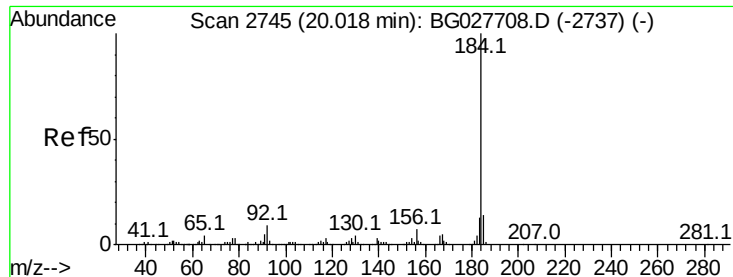
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.14 min Scan# 3157
Delta R.T. -0.04 min
Lab File: BG027851.D
Acq: 5 Jul 2017 17:12

Tgt Ion:240 Resp: 249246
Ion Ratio Lower Upper
240 100
120 9.6 5.7 8.5#
236 25.7 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: 3.24 ng

RT: 20.00 min Scan# 2793

Delta R.T. -0.02 min

Lab File: BG027851.D

Acq: 5 Jul 2017 17:12

Instrument :

BNA_G

ClientSampleId :

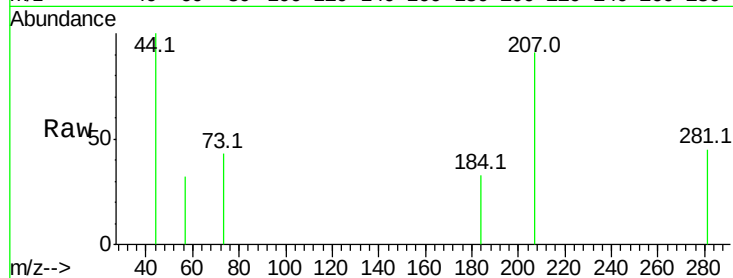
Tot Ion:184 Resp: 118

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

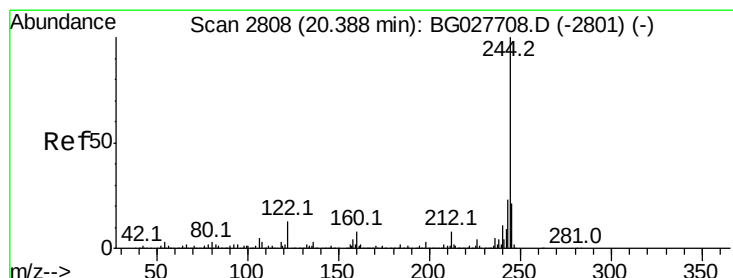
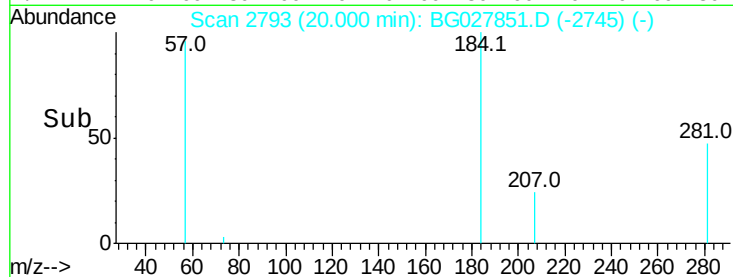
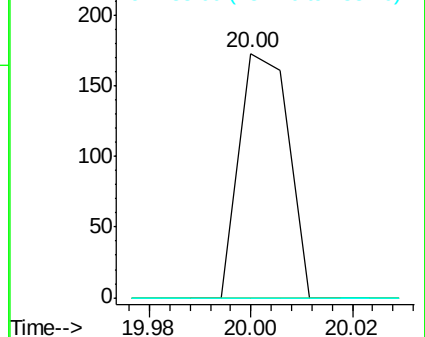
183 0.0 11.0 16.6#



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: 96.39 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027851.D

Acq: 5 Jul 2017 17:12

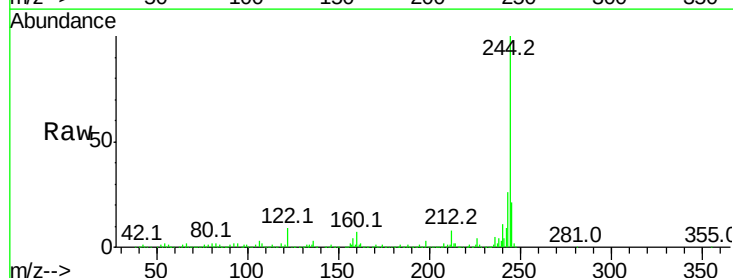
Tgt Ion:244 Resp: 1024742

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

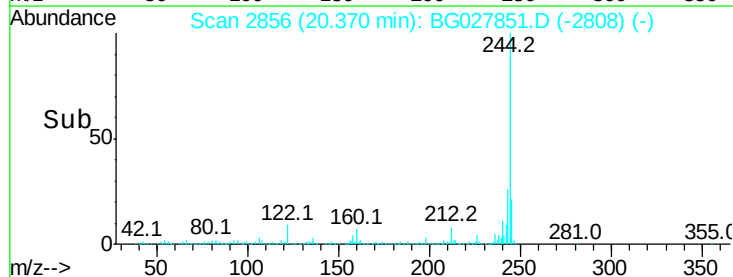
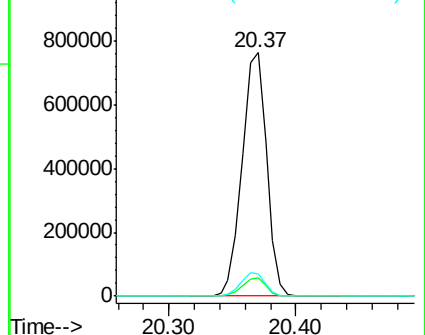
122 9.4 8.6 12.8

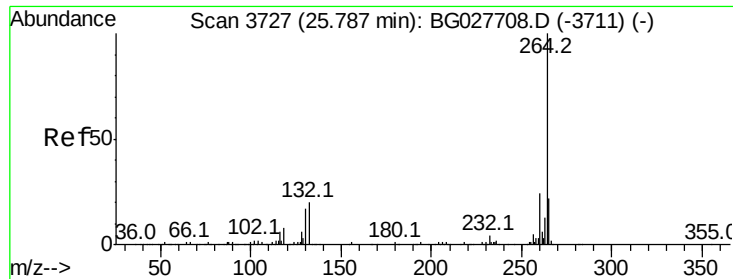


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

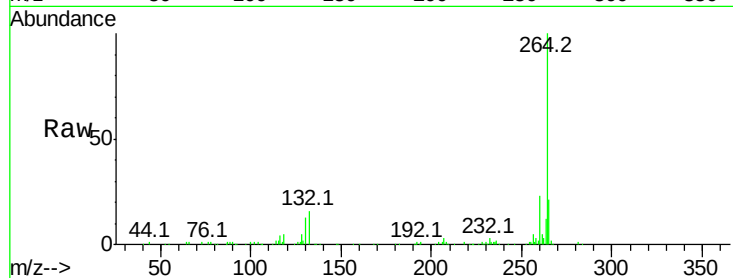




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.72 min Scan# 3767
Delta R.T. -0.06 min
Lab File: BG027851.D
Acq: 5 Jul 2017 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	21.2	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

