

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070517\
 Data File : BG027849.D
 Acq On : 5 Jul 2017 15:53
 Operator : SJ/JU
 Sample : PB100411BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 18:01:25 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

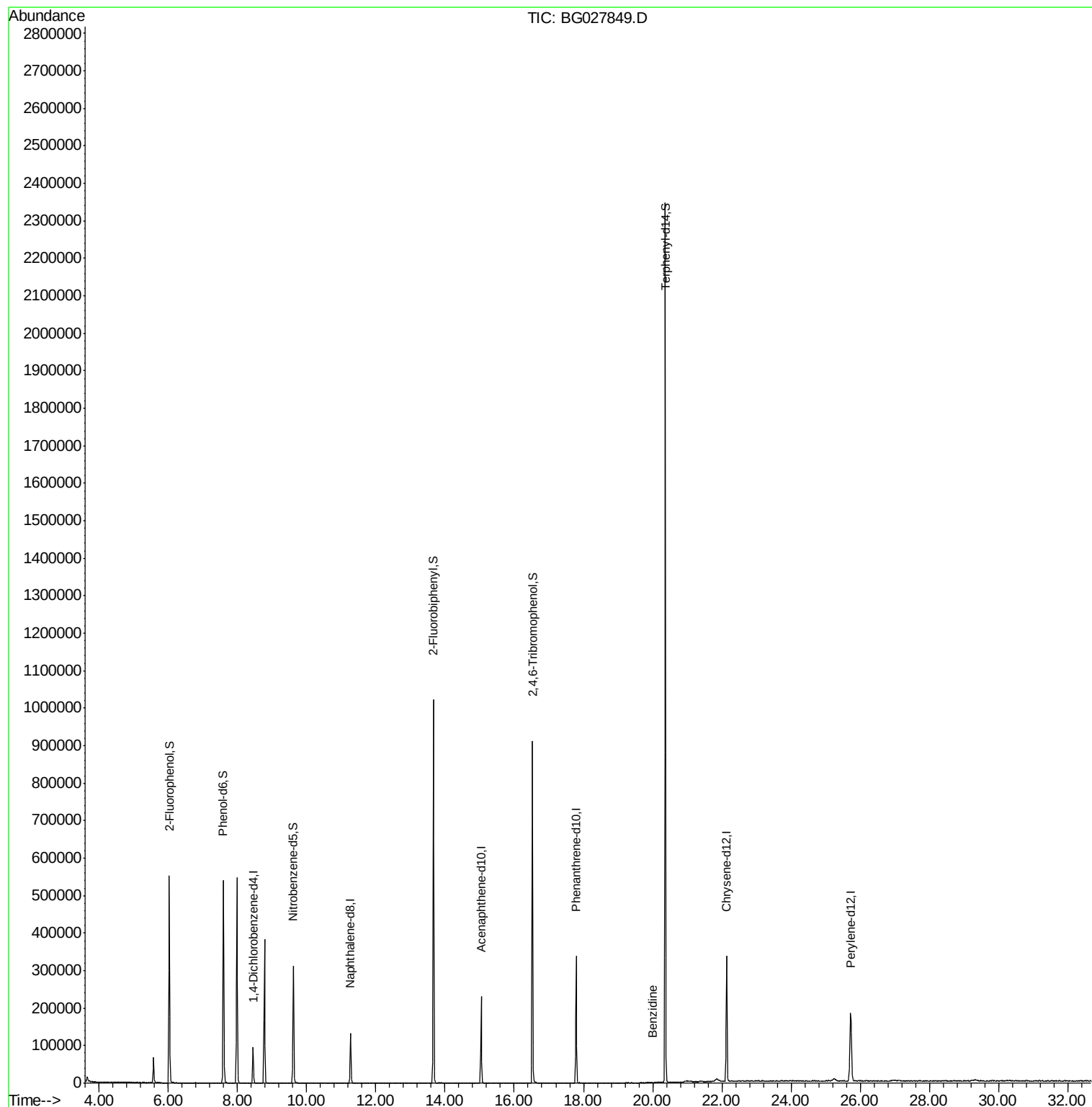
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	28109	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	130168	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	82681	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	217627	20.00	ng	-0.03
75) Chrysene-d12	22.14	240	231101	20.00	ng	-0.03
86) Perylene-d12	25.72	264	231795	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	246946	135.29	ng	-0.03
7) Phenol-d6	7.59	99	332446	119.22	ng	-0.02
23) Nitrobenzene-d5	9.61	82	195579	83.75	ng	-0.03
41) 2,4,6-Tribromophenol	16.53	330	195121	172.06	ng	-0.02
44) 2-Fluorobiphenyl	13.66	172	548660	94.77	ng	-0.03
78) Terphenyl-d14	20.37	244	1023225	103.80	ng	-0.02
Target Compounds						
76) Benzidine	20.00	184	54	3.23	ng	Qvalue # 64

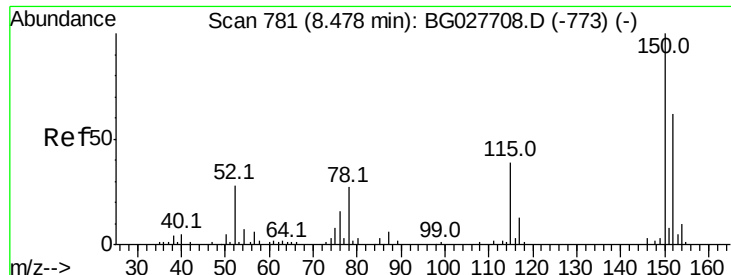
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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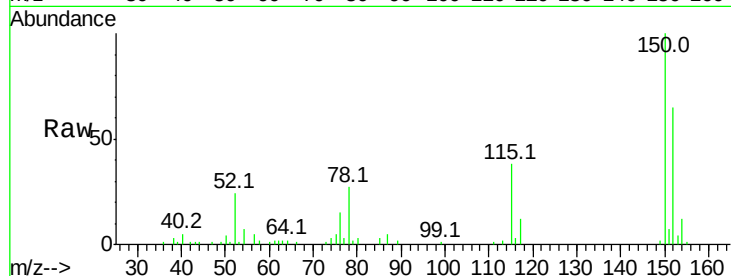


#1

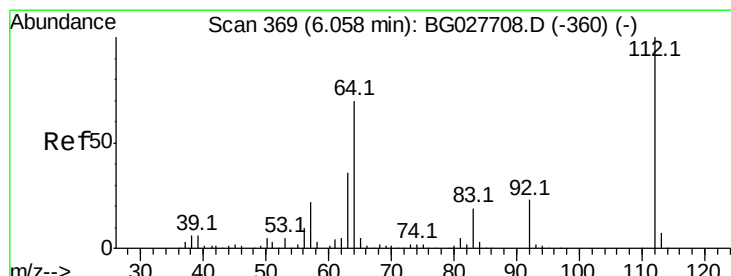
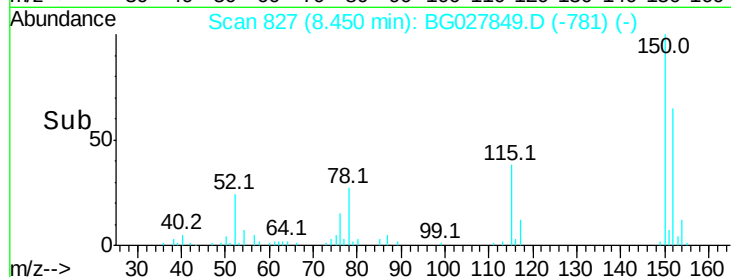
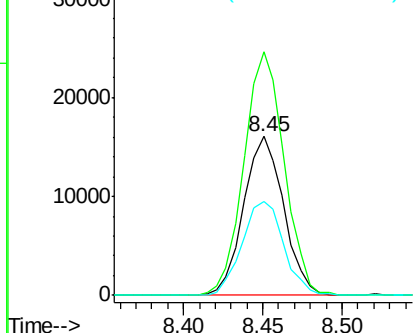
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.45 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027849.D
Acq: 5 Jul 2017 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28109
Ion Ratio Lower Upper
152 100
150 153.5 114.0 171.0
115 59.0 48.1 72.1



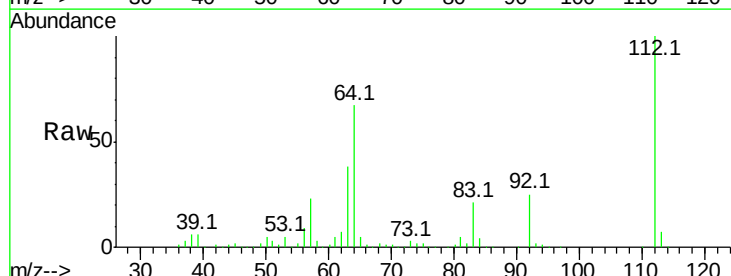
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



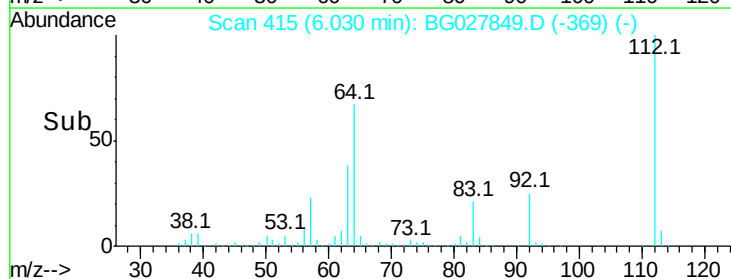
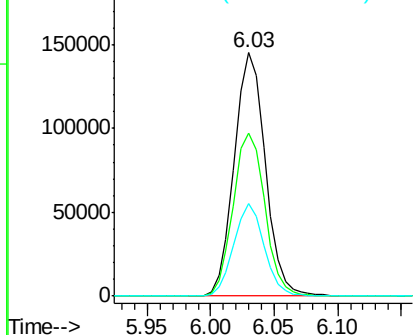
#5

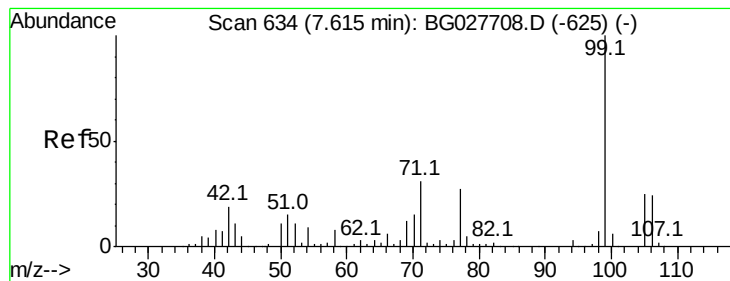
2-Fluorophenol
Concen: 135.29 ng
RT: 6.03 min Scan# 415
Delta R.T. -0.03 min
Lab File: BG027849.D
Acq: 5 Jul 2017 15:53

Tgt Ion:112 Resp: 246946
Ion Ratio Lower Upper
112 100
64 67.0 61.8 92.6
63 38.1 37.2 55.8



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: 119.22 ng

RT: 7.59 min Scan# 681

Delta R.T. -0.02 min

Lab File: BG027849.D

Acq: 5 Jul 2017 15:53

Instrument :

BNA_G

ClientSampled :

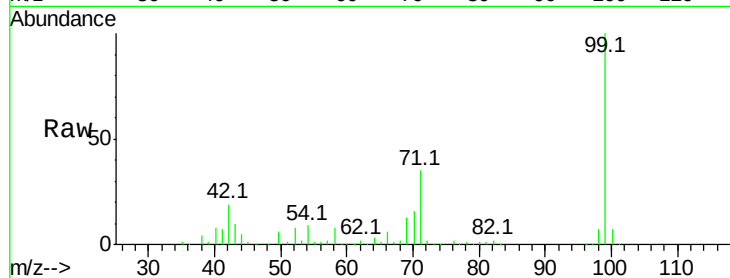
Tot Ion: 99 Resp: 332446

Ion Ratio Lower Upper

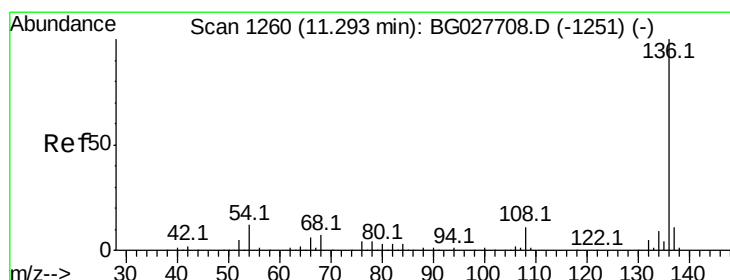
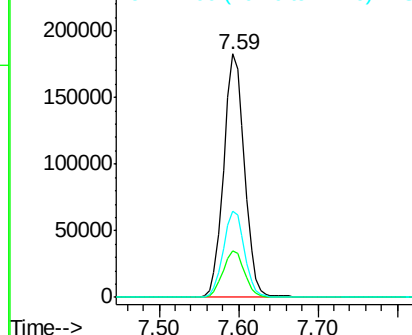
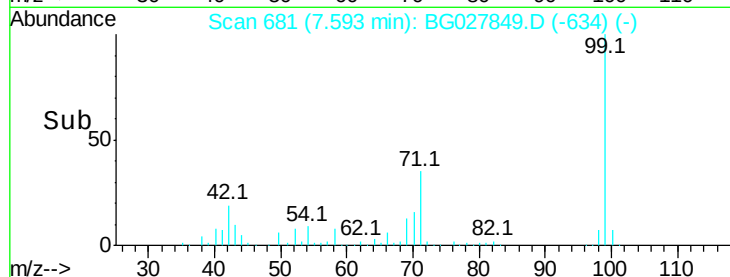
99 100

42 19.3 20.5 30.7#

71 35.5 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: BG027849.D

Acq: 5 Jul 2017 15:53

Tgt Ion: 136 Resp: 130168

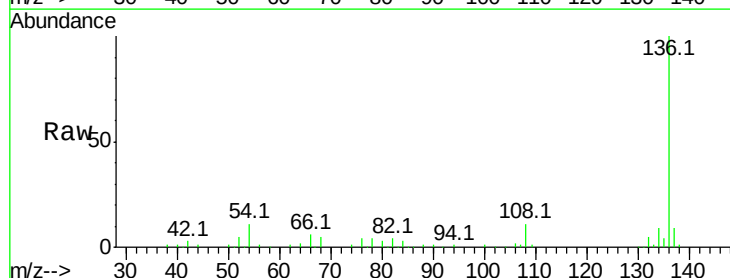
Ion Ratio Lower Upper

136 100

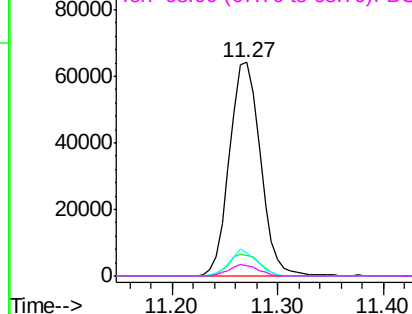
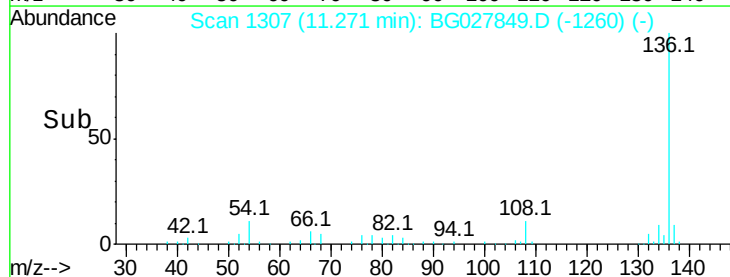
137 9.4 8.9 13.3

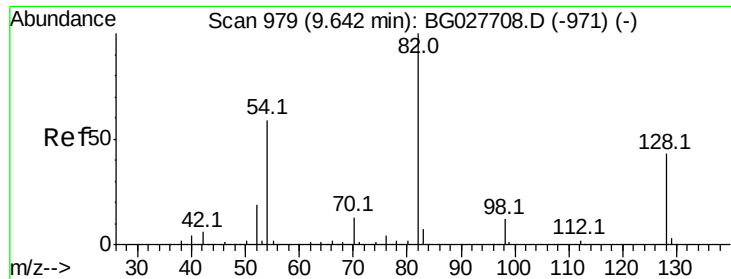
54 11.0 9.3 13.9

68 5.0 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

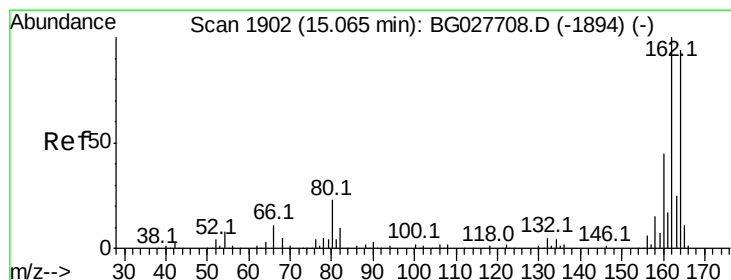
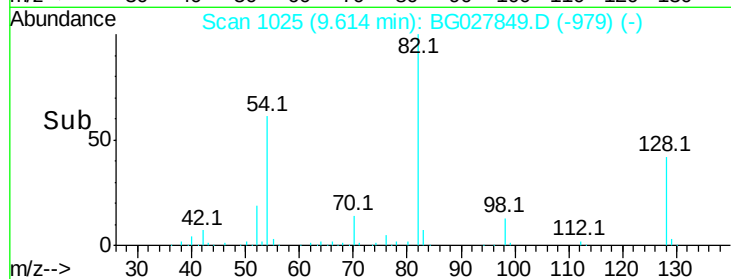
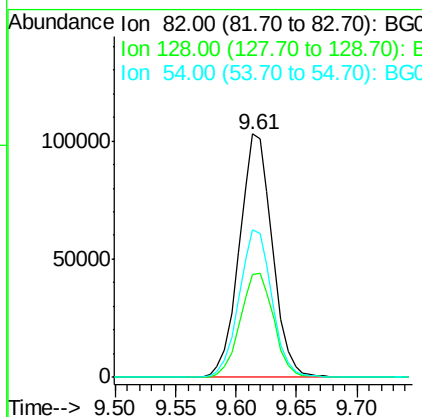
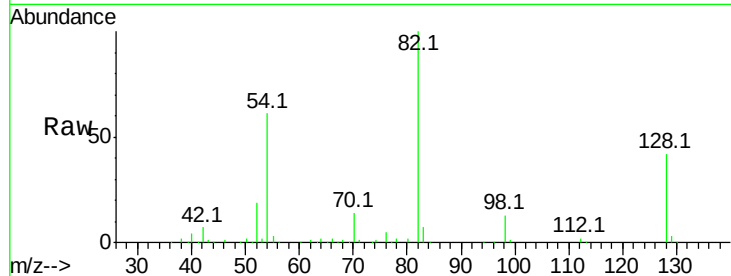




#23
 Nitrobenzene-d5
 Concen: 83.75 ng
 RT: 9.61 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BG027849.D
 Acq: 5 Jul 2017 15:53

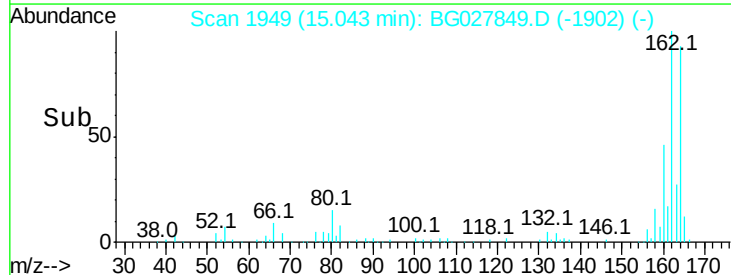
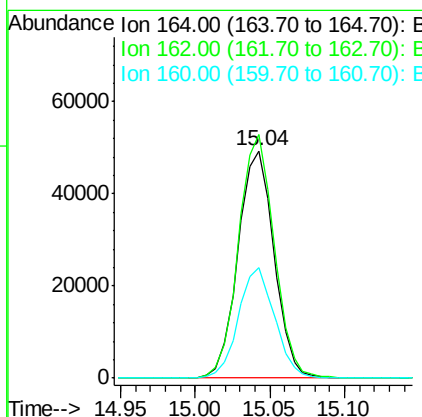
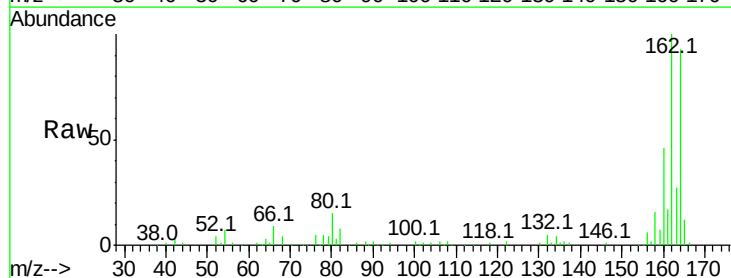
Instrument :
 BNA_G
 ClientSampleId :

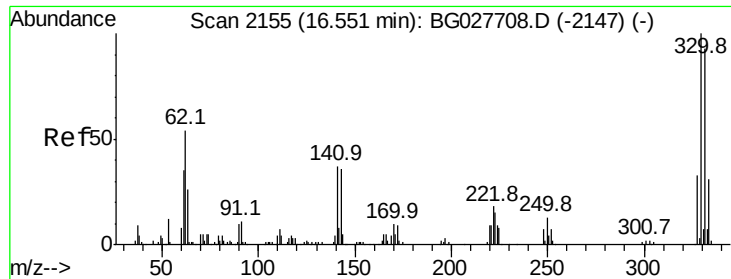
Tot Ion: 82 Resp: 195579
 Ion Ratio Lower Upper
 82 100
 128 42.5 26.4 39.6#
 54 60.8 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027849.D
 Acq: 5 Jul 2017 15:53

Tgt Ion:164 Resp: 82681
 Ion Ratio Lower Upper
 164 100
 162 107.1 85.1 127.7
 160 48.9 34.7 52.1

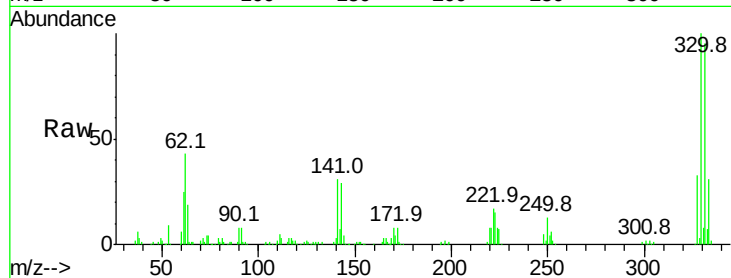




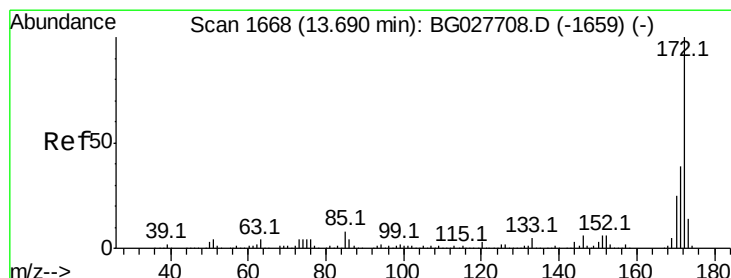
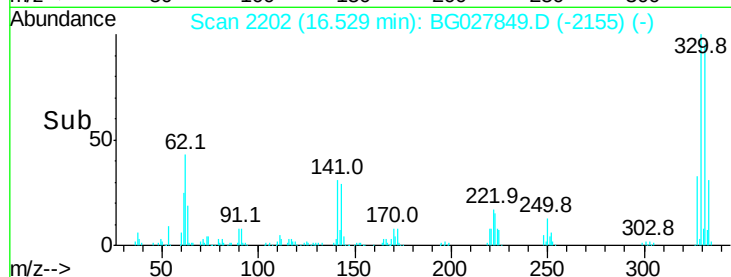
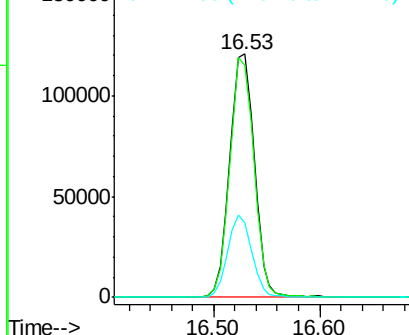
#41
 2,4,6-Tribromophenol
 Concen: 172.06 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027849.D
 Acq: 5 Jul 2017 15:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.1	32.1	48.1

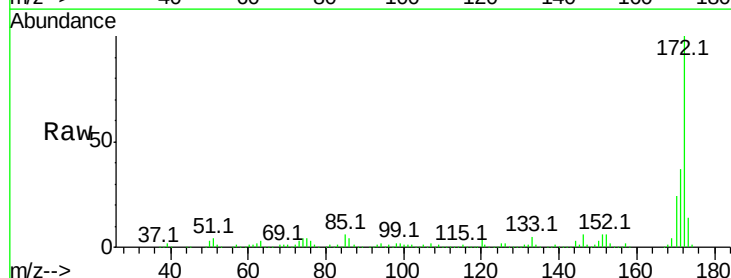


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

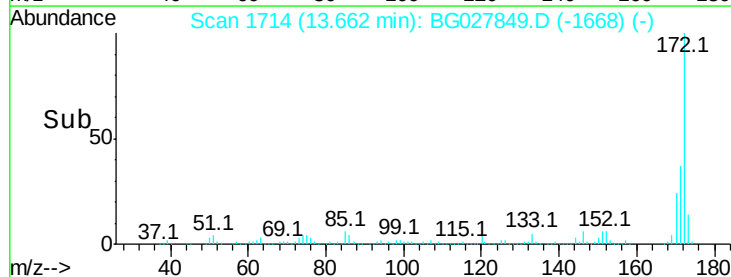
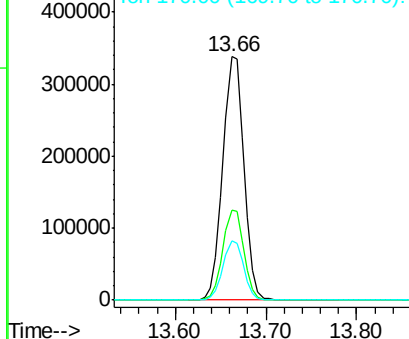


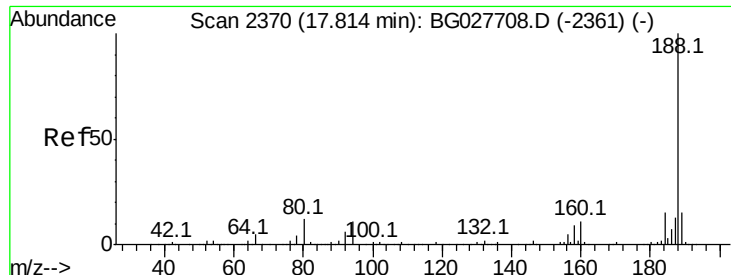
#44
 2-Fluorobiphenyl
 Concen: 94.77 ng
 RT: 13.66 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027849.D
 Acq: 5 Jul 2017 15:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.5	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

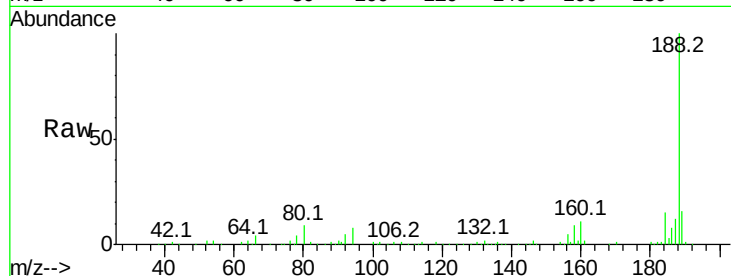




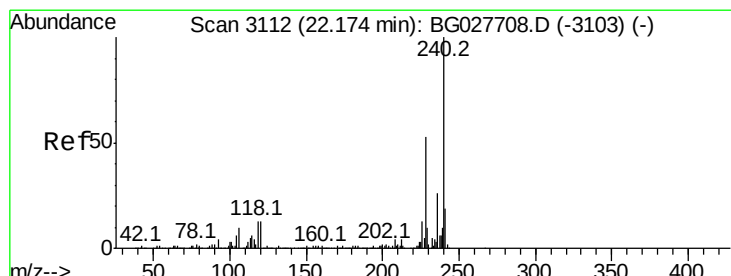
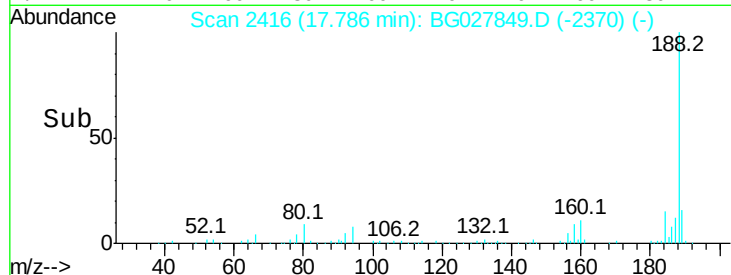
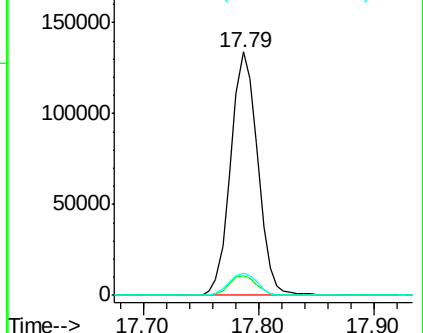
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.79 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027849.D
Acq: 5 Jul 2017 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 217627
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.8
80 9.0 7.5 11.3

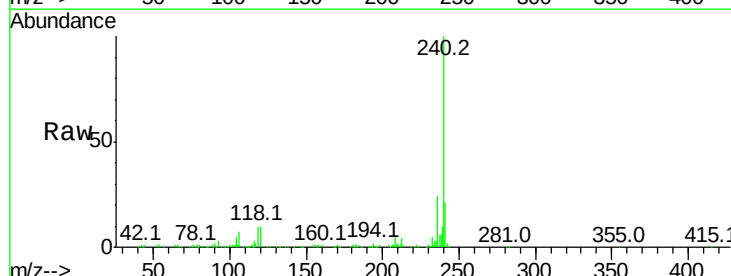


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

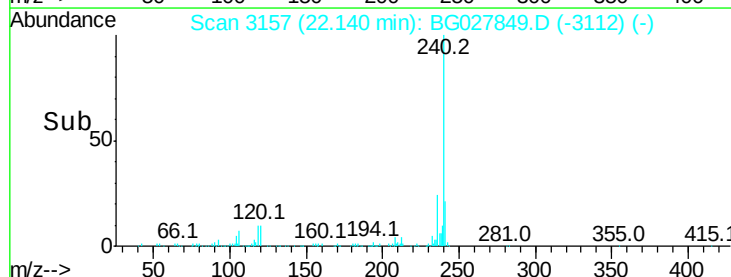
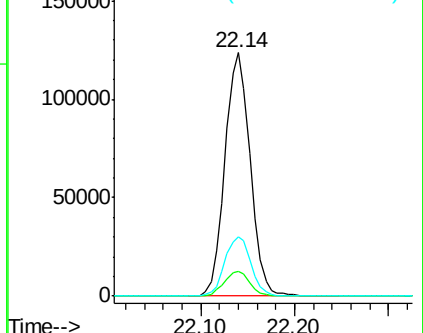


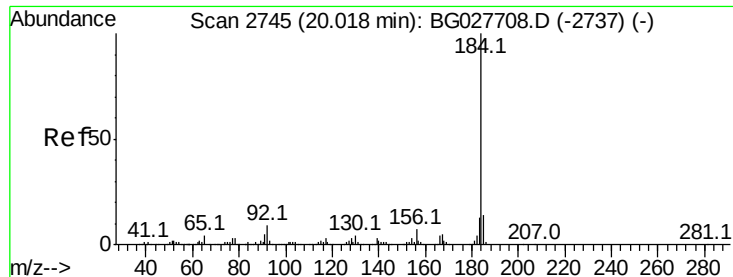
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.14 min Scan# 3157
Delta R.T. -0.03 min
Lab File: BG027849.D
Acq: 5 Jul 2017 15:53

Tgt Ion:240 Resp: 231101
Ion Ratio Lower Upper
240 100
120 10.0 5.7 8.5#
236 24.2 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: 3.23 ng

RT: 20.00 min Scan# 2792

Delta R.T. -0.02 min

Lab File: BG027849.D

Acq: 5 Jul 2017 15:53

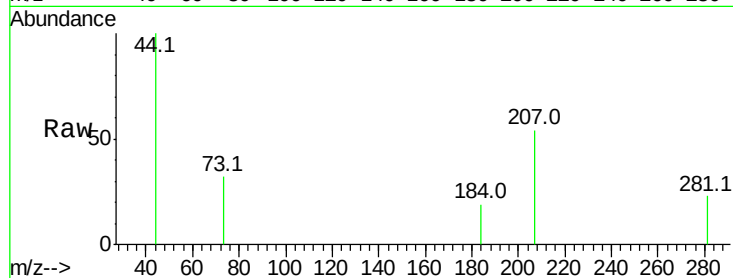
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 54

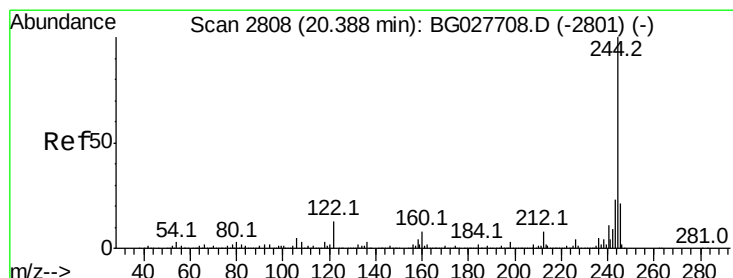
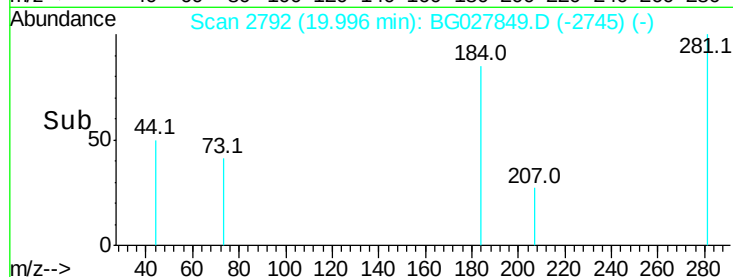
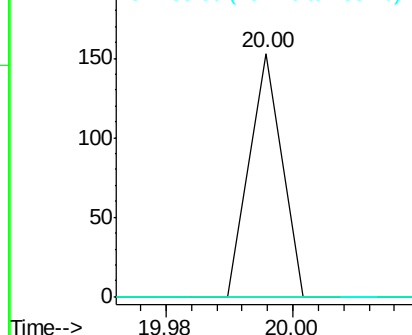
Ion	Ratio	Lower	Upper
184	100		
185	0.0	13.0	19.6#
183	0.0	11.0	16.6#



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: 103.80 ng

RT: 20.37 min Scan# 2855

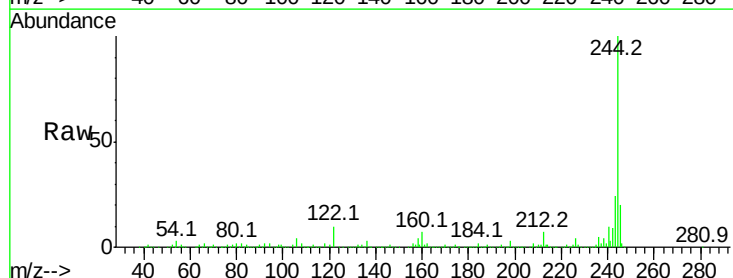
Delta R.T. -0.02 min

Lab File: BG027849.D

Acq: 5 Jul 2017 15:53

Tgt Ion:244 Resp: 1023225

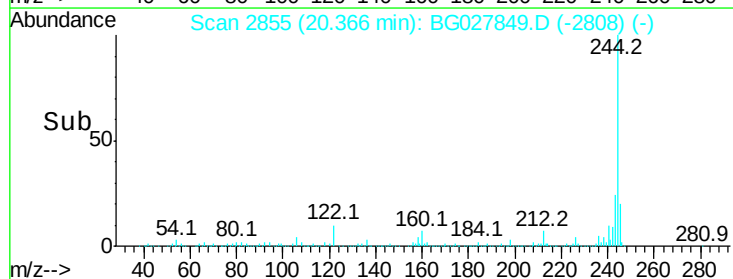
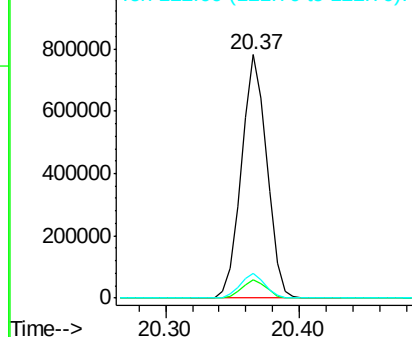
Ion	Ratio	Lower	Upper
244	100		
212	7.3	10.0	15.0#
122	10.4	8.6	12.8

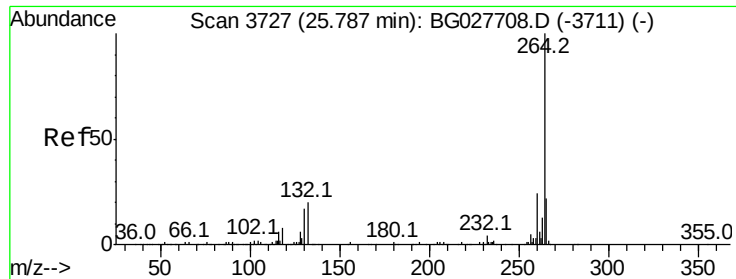


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

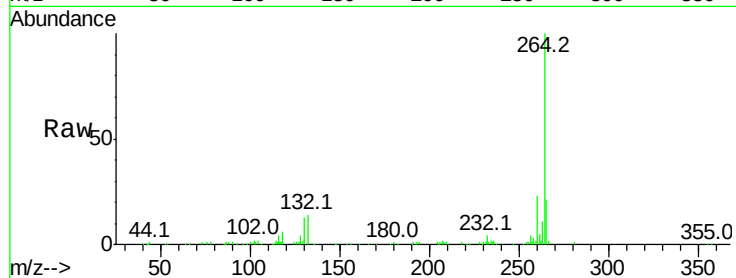




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.72 min Scan# 3766
Delta R.T. -0.07 min
Lab File: BG027849.D
Acq: 5 Jul 2017 15:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

