

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070217\
 Data File : BG027824.D
 Acq On : 2 Jul 2017 18:32
 Operator : SJ/JU
 Sample : I3986-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 08:08:02 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	28583	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	131971	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	85626	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	224178	20.00	ng	0.00
75) Chrysene-d12	22.17	240	227937	20.00	ng	0.00
86) Perylene-d12	25.80	264	199289	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	242286	130.53	ng	0.00
7) Phenol-d6	7.62	99	295251	104.12	ng	0.00
23) Nitrobenzene-d5	9.64	82	215935	91.20	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	215850	183.79	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	582413	97.14	ng	0.00
78) Terphenyl-d14	20.39	244	1081985	111.28	ng	0.00

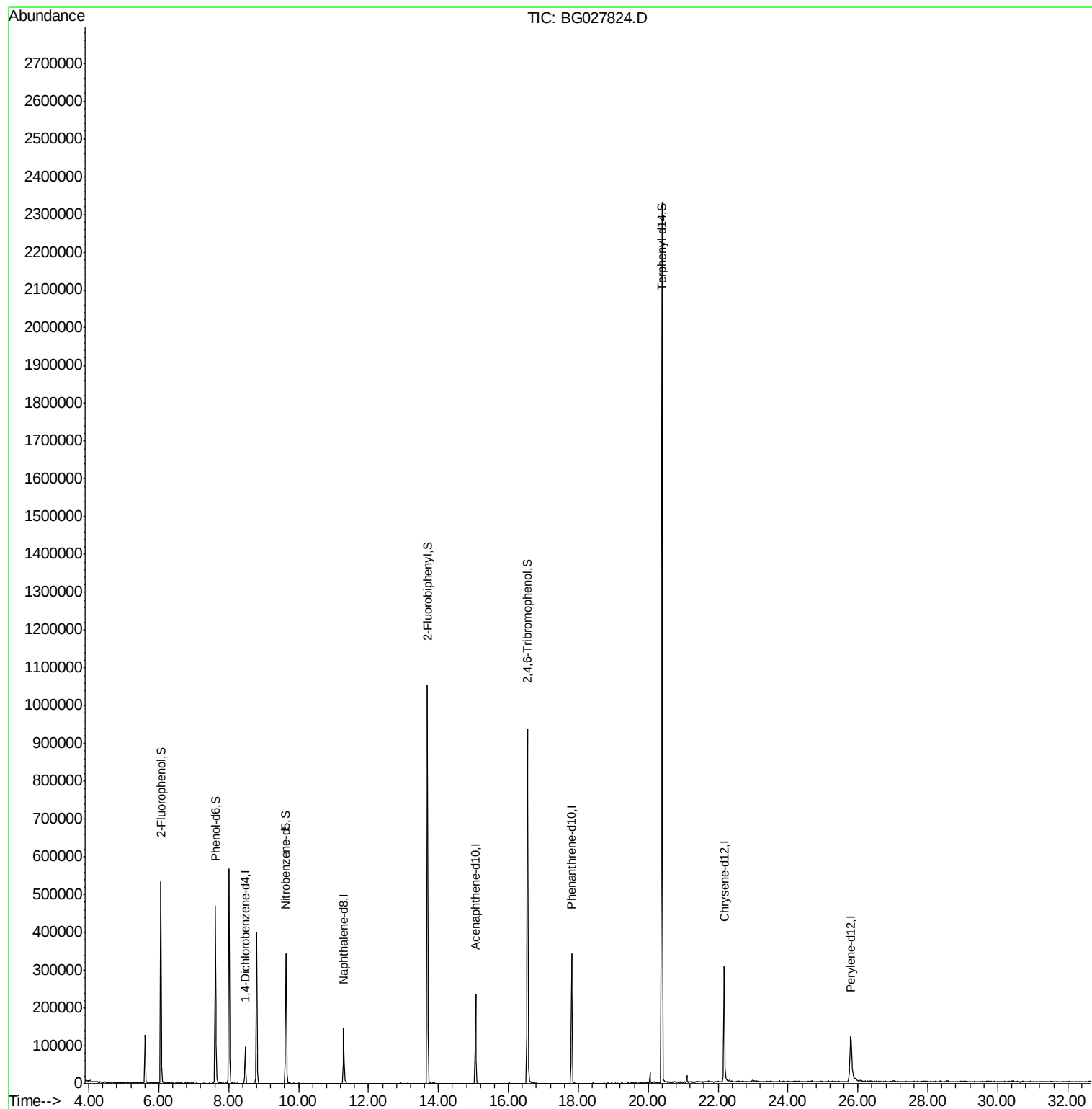
Target Compounds Qvalue

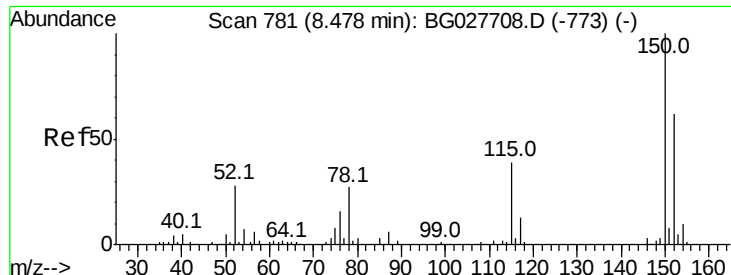
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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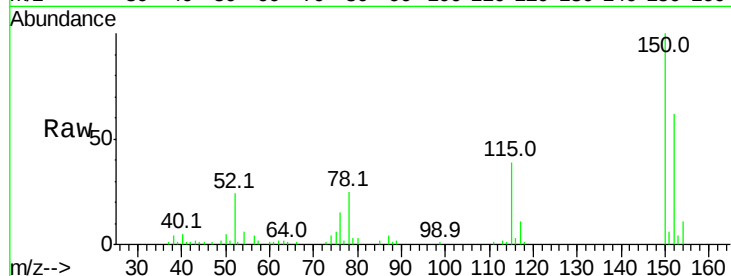


#1

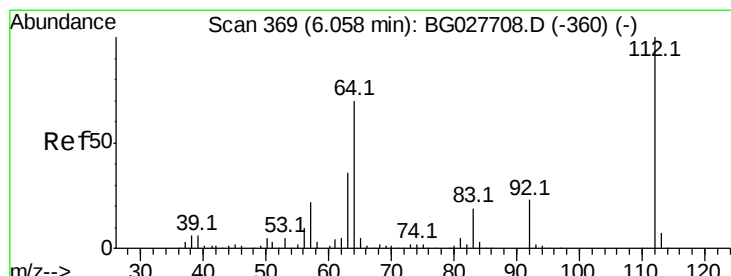
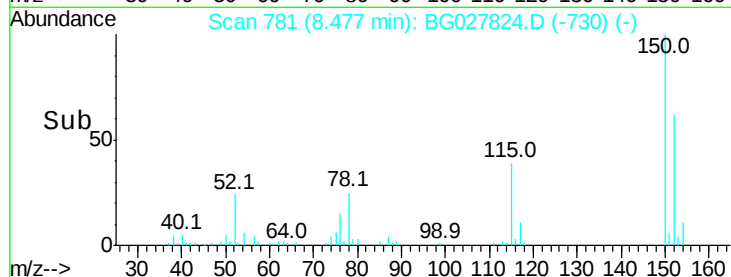
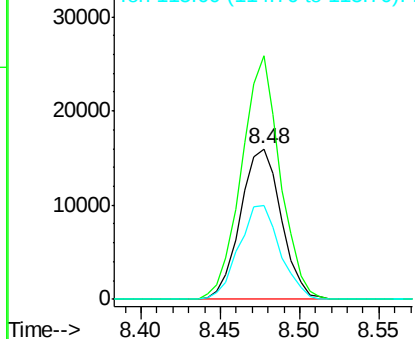
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027824.D
Acq: 2 Jul 2017 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28583
Ion Ratio Lower Upper
152 100
150 161.9 114.0 171.0
115 62.4 48.1 72.1



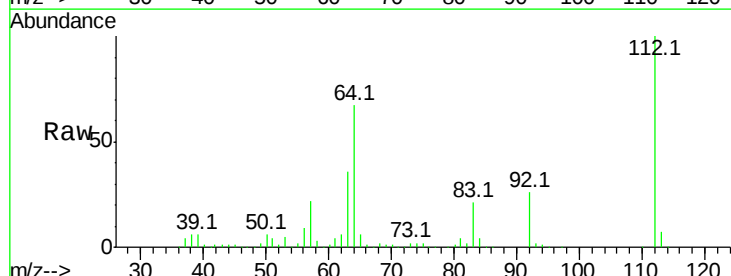
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



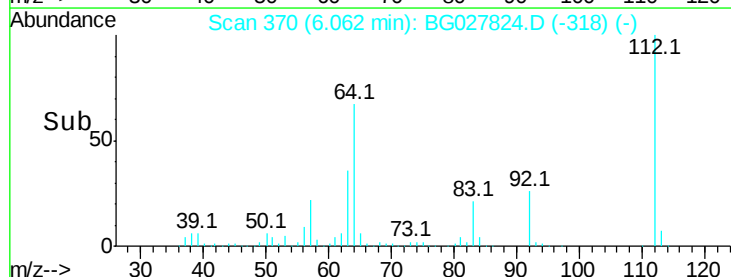
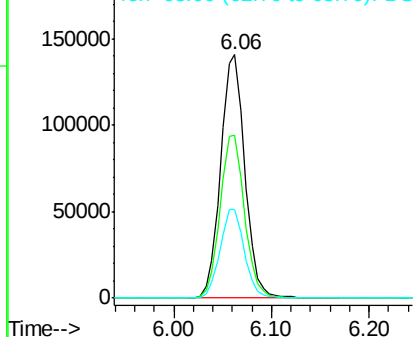
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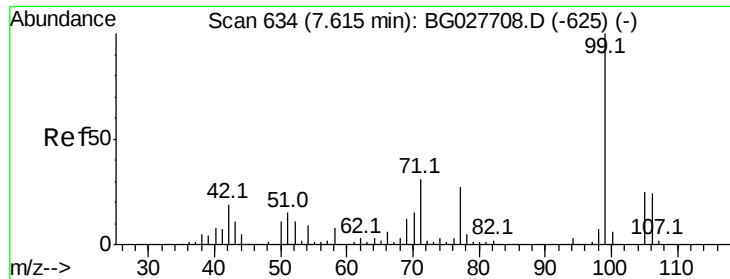
2-Fluorophenol
Concen: 130.53 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027824.D
Acq: 2 Jul 2017 18:32

Tgt Ion:112 Resp: 242286
Ion Ratio Lower Upper
112 100
64 66.9 61.8 92.6
63 36.4 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: 104.12 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027824.D

Acq: 2 Jul 2017 18:32

Instrument :

BNA_G

ClientSampleId :

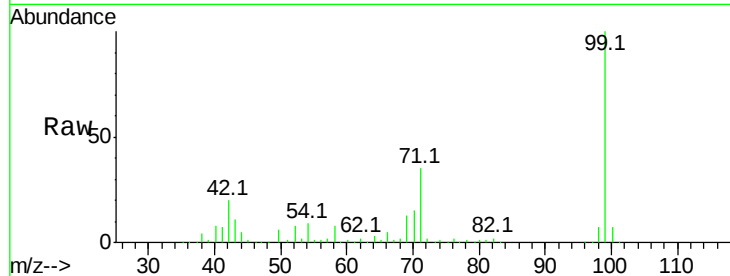
Tot Ion: 99 Resp: 295251

Ion Ratio Lower Upper

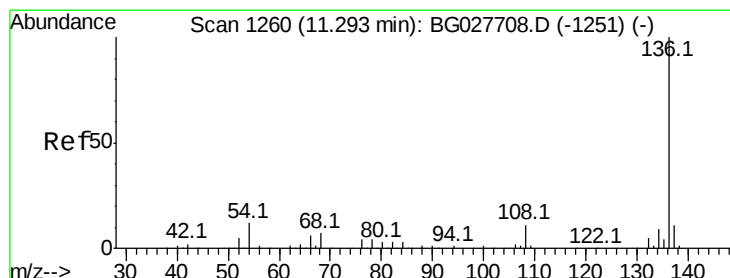
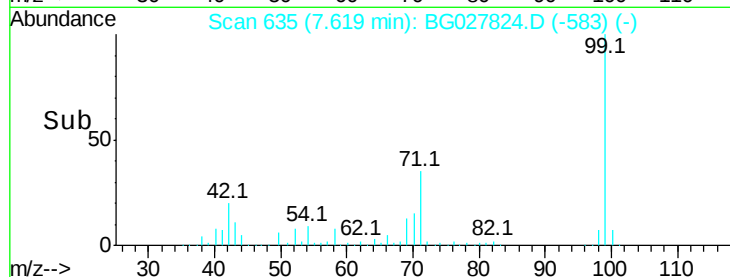
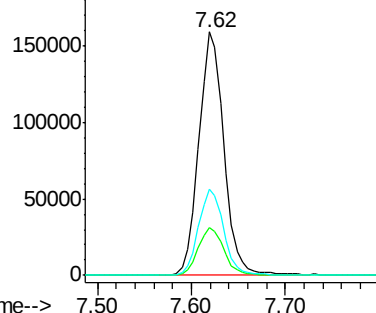
99 100

42 19.8 20.5 30.7#

71 35.3 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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027824.D

Acq: 2 Jul 2017 18:32

Tgt Ion: 136 Resp: 131971

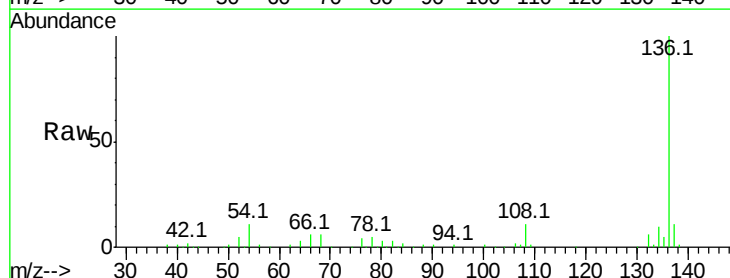
Ion Ratio Lower Upper

136 100

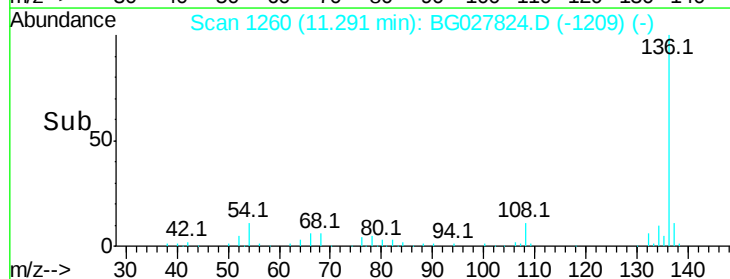
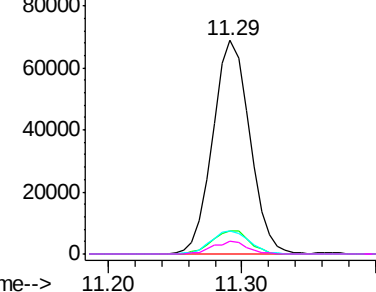
137 10.8 8.9 13.3

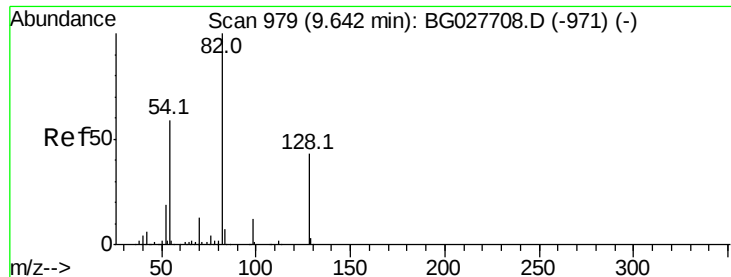
54 10.9 9.3 13.9

68 6.0 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

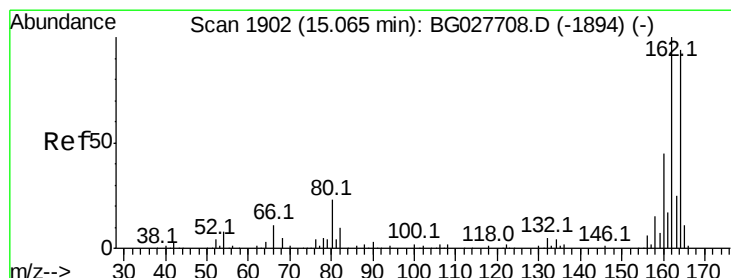
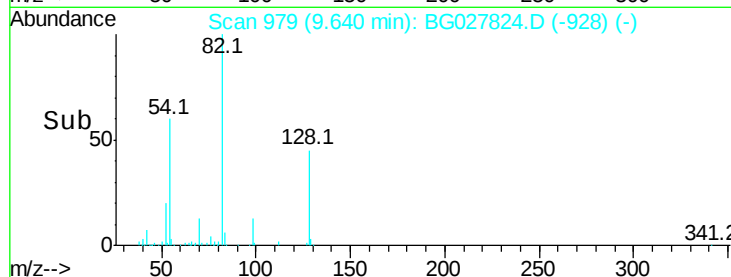
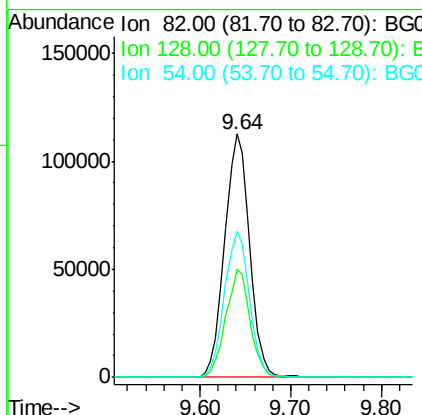
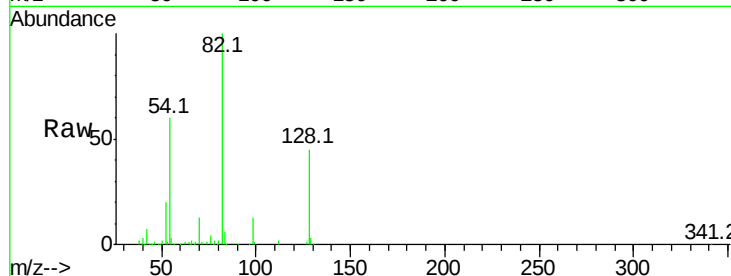




#23
Nitrobenzene-d5
Concen: 91.20 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027824.D
Acq: 2 Jul 2017 18:32

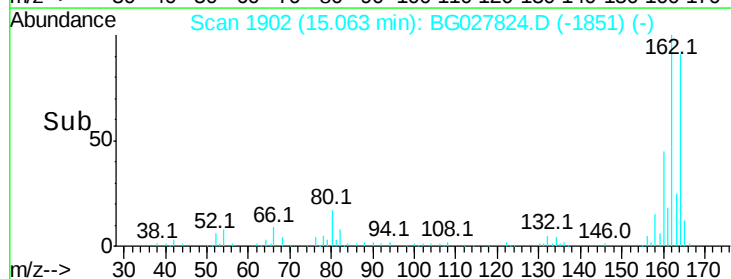
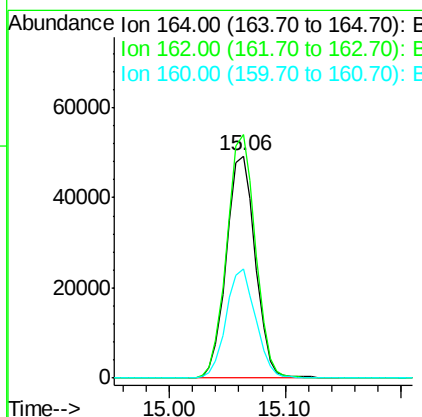
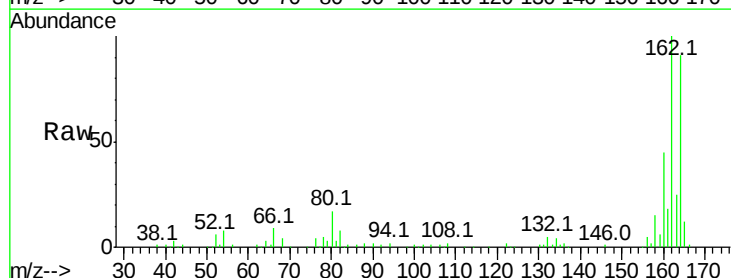
Instrument :
BNA_G
ClientSampled :

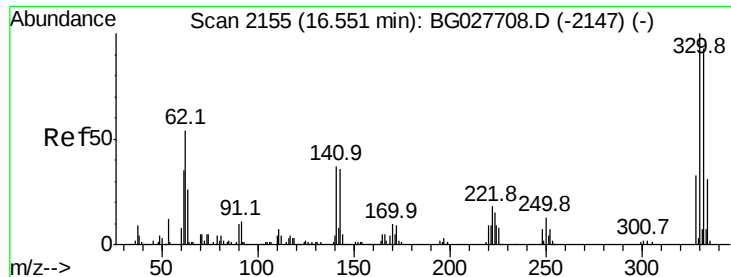
Tot Ion	82	Resp	215935
Ion	Ratio	Lower	Upper
82	100		
128	44.6	26.4	39.6#
54	60.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027824.D
Acq: 2 Jul 2017 18:32

Tgt Ion	164	Resp	85626
Ion	Ratio	Lower	Upper
164	100		
162	109.6	85.1	127.7
160	49.2	34.7	52.1

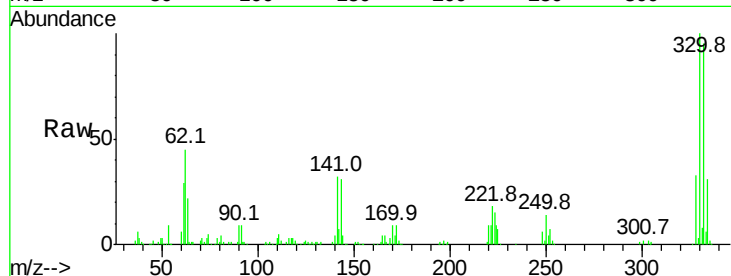




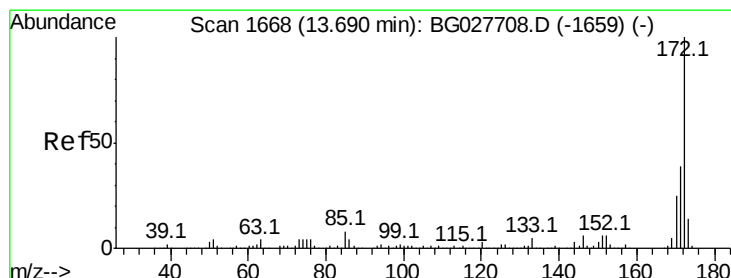
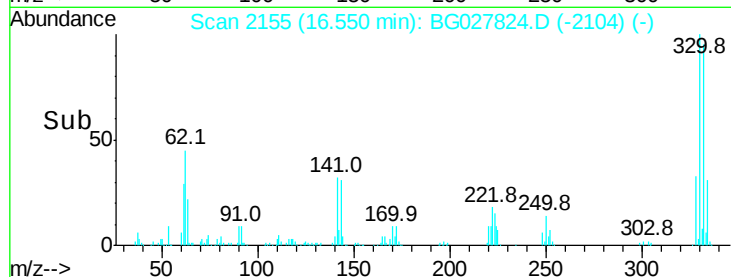
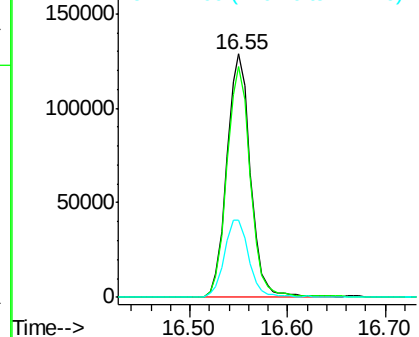
#41
 2,4,6-Tribromophenol
 Concen: 183.79 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027824.D
 Acq: 2 Jul 2017 18:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.3	115.9
141	33.3	32.1	48.1

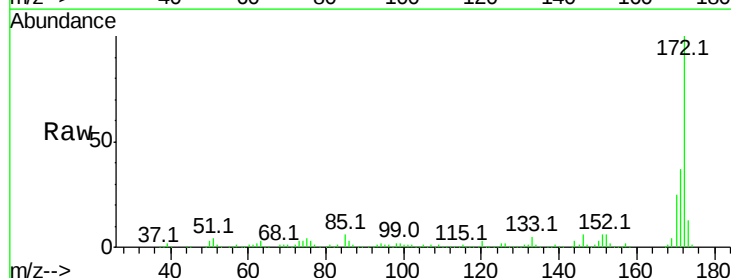


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

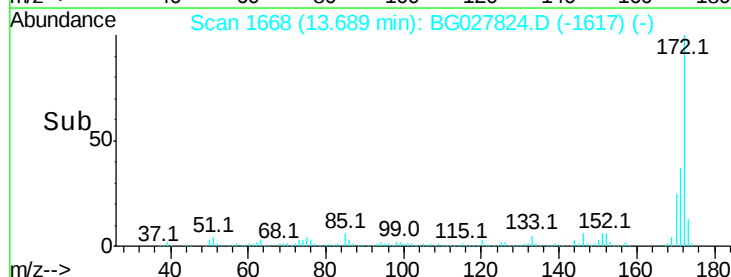
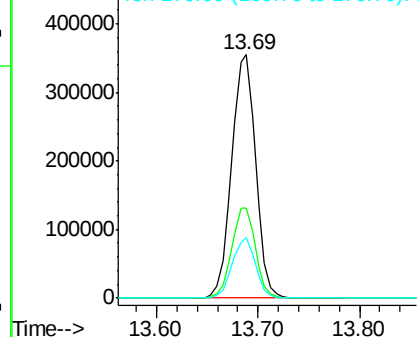


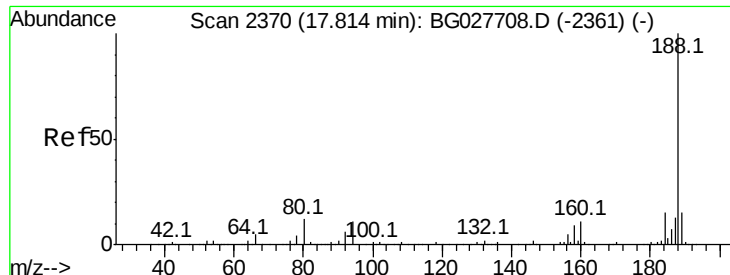
#44
 2-Fluorobiphenyl
 Concen: 97.14 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027824.D
 Acq: 2 Jul 2017 18:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.6	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

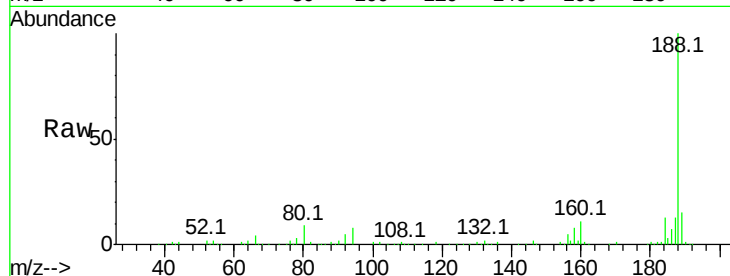




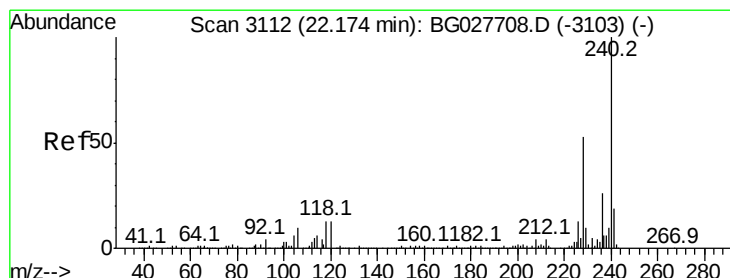
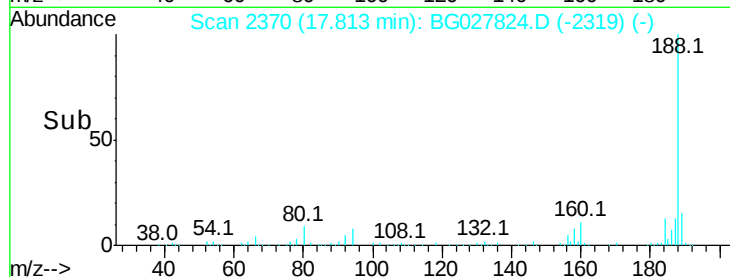
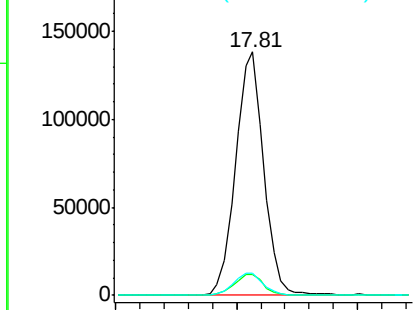
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027824.D
Acq: 2 Jul 2017 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 224178
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.8
80 9.3 7.5 11.3

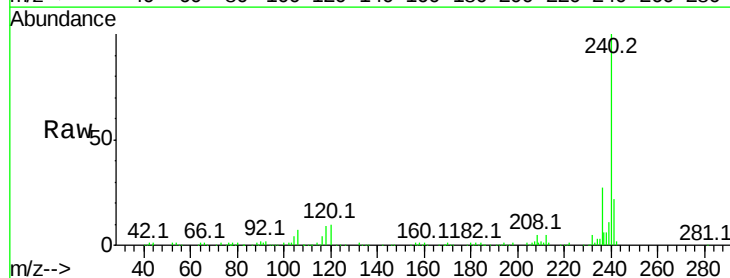


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

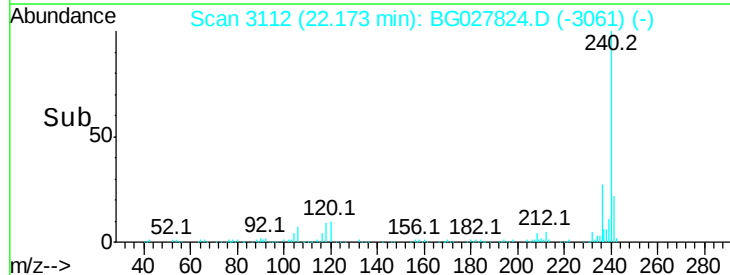
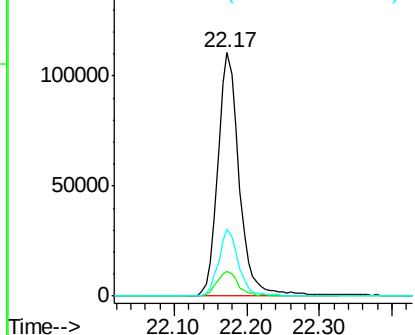


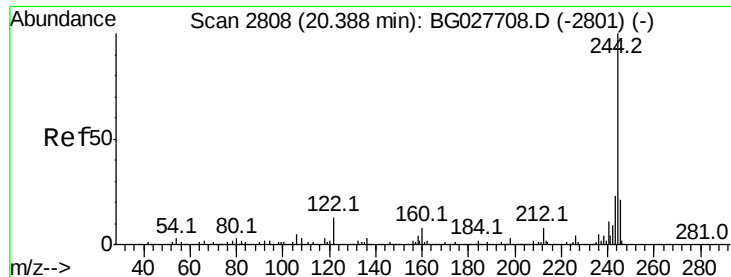
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027824.D
Acq: 2 Jul 2017 18:32

Tgt Ion:240 Resp: 227937
Ion Ratio Lower Upper
240 100
120 10.2 5.7 8.5#
236 27.4 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: 111.28 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027824.D

Acq: 2 Jul 2017 18:32

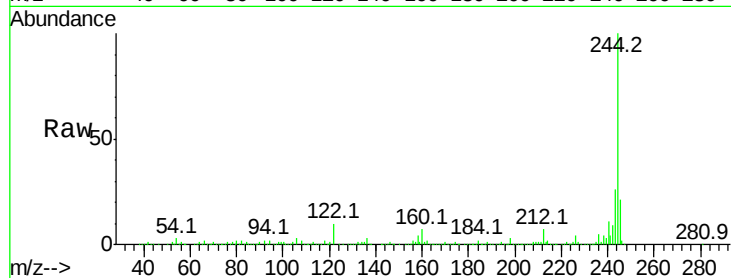
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1081985

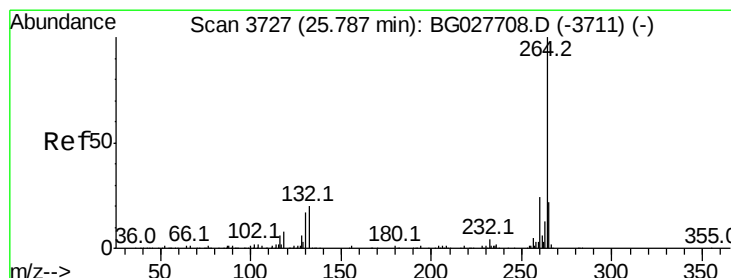
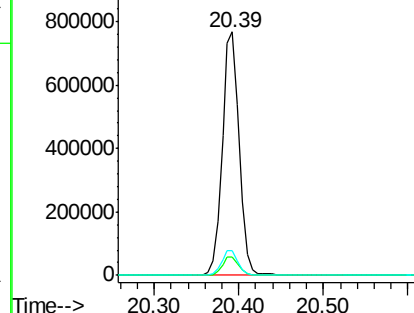
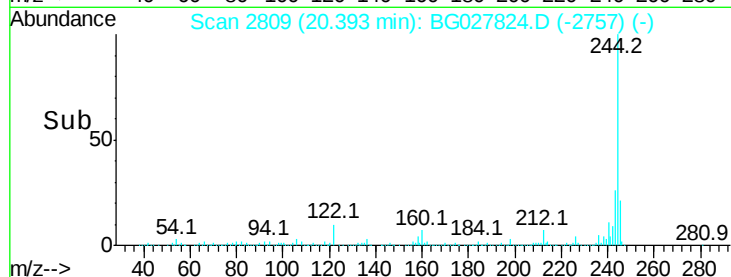
Ion	Ratio	Lower	Upper
244	100		
212	7.4	10.0	15.0#
122	10.0	8.6	12.8



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

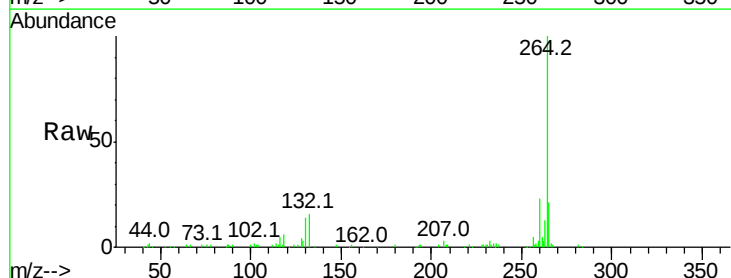
Delta R.T. 0.01 min

Lab File: BG027824.D

Acq: 2 Jul 2017 18:32

Tgt Ion:264 Resp: 199289

Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	20.8	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

