

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
 Data File : BG027831.D
 Acq On : 3 Jul 2017 14:16
 Operator : SJ/JU
 Sample : I3986-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Jul 04 06:59:53 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	30173	20.00	ng	-0.02
21) Naphthalene-d8	11.27	136	139985	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	87906	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	238868	20.00	ng	-0.02
75) Chrysene-d12	22.14	240	257195	20.00	ng	-0.03
86) Perylene-d12	25.73	264	256939	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	256658	130.99	ng	-0.02
7) Phenol-d6	7.60	99	316233	105.64	ng	-0.01
23) Nitrobenzene-d5	9.62	82	226085	90.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	230096	190.84	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	596873	96.97	ng	-0.02
78) Terphenyl-d14	20.37	244	1221334	111.33	ng	-0.02

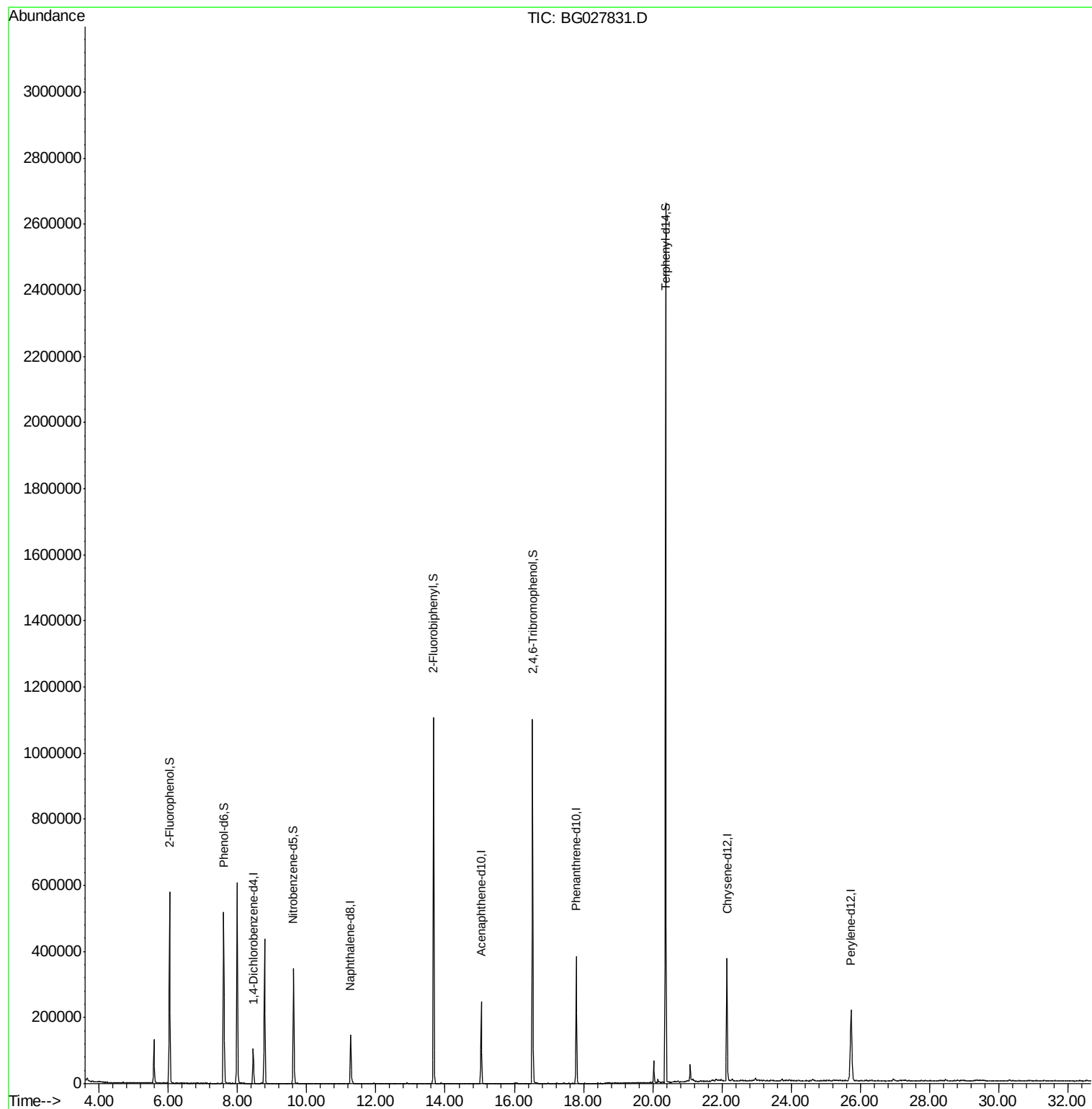
Target Compounds	Qvalue
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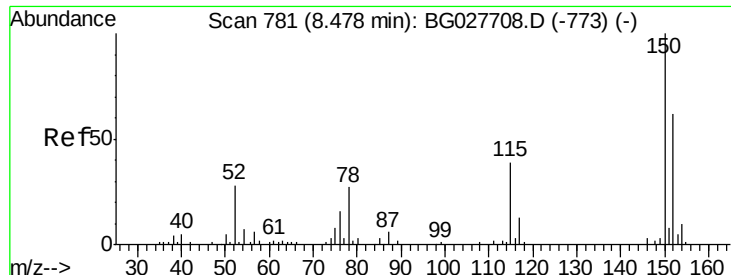
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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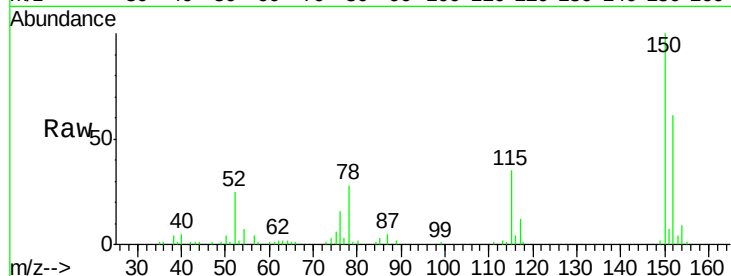


#1

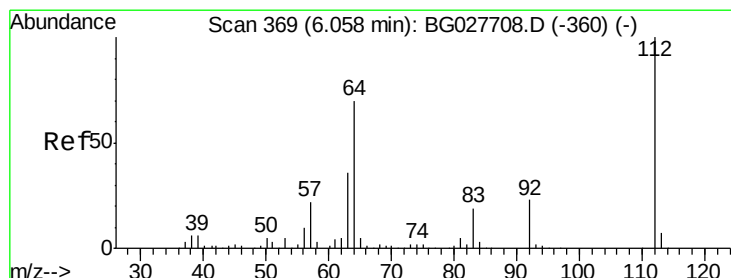
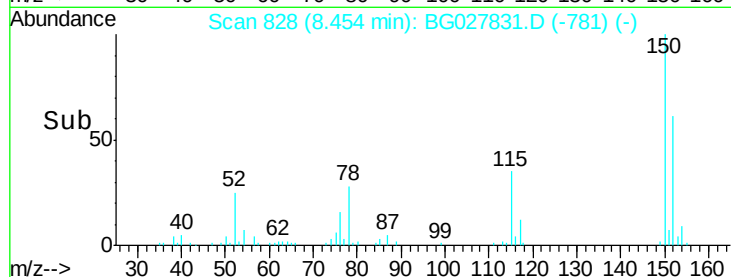
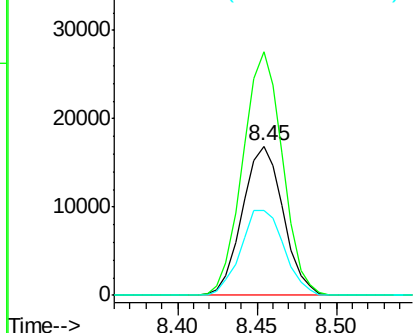
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion:152 Resp: 30173
Ion Ratio Lower Upper
152 100
150 163.0 114.0 171.0
115 57.1 48.1 72.1



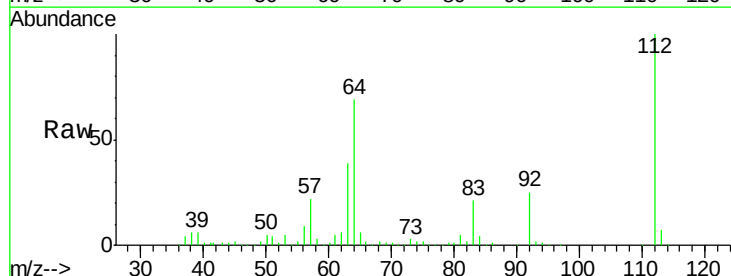
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



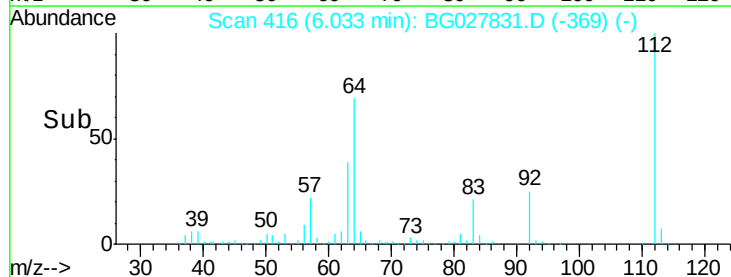
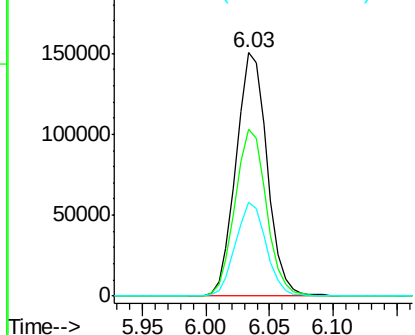
#5

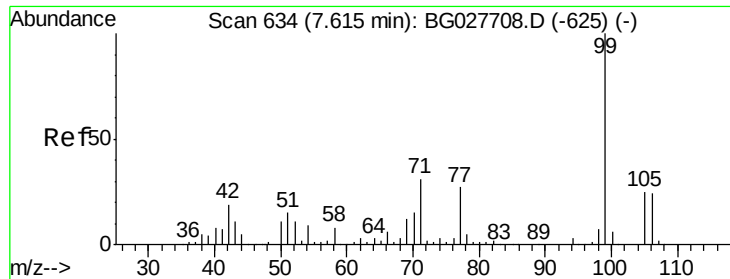
2-Fluorophenol
Concen: 130.988 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Tgt Ion:112 Resp: 256658
Ion Ratio Lower Upper
112 100
64 68.6 61.8 92.6
63 38.7 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 105.645 ng

RT: 7.60 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG027831.D

Acq: 3 Jul 2017 14:16

Instrument :

BNA_G

ClientSampleId :

TP-12

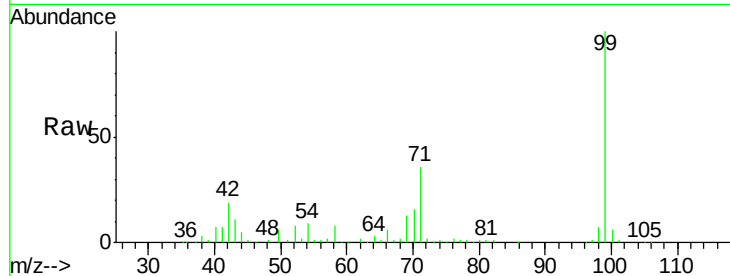
Tgt Ion: 99 Resp: 316233

Ion Ratio Lower Upper

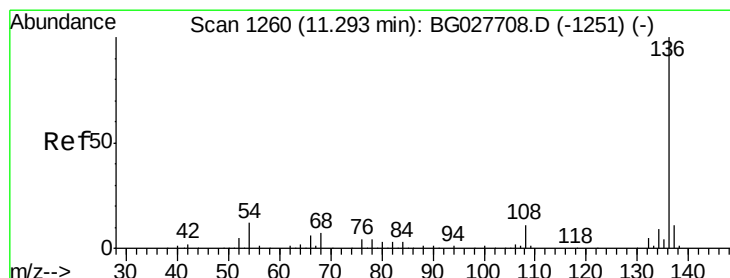
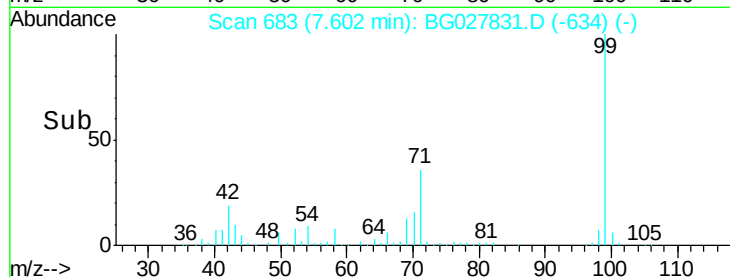
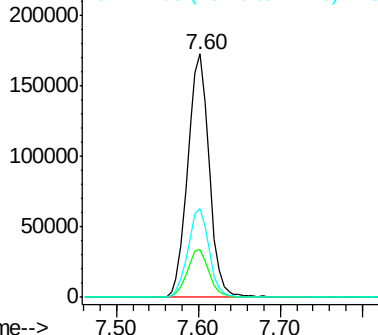
99 100

42 19.4 20.5 30.7#

71 36.2 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: 20.000 ng

RT: 11.27 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BG027831.D

Acq: 3 Jul 2017 14:16

Tgt Ion: 136 Resp: 139985

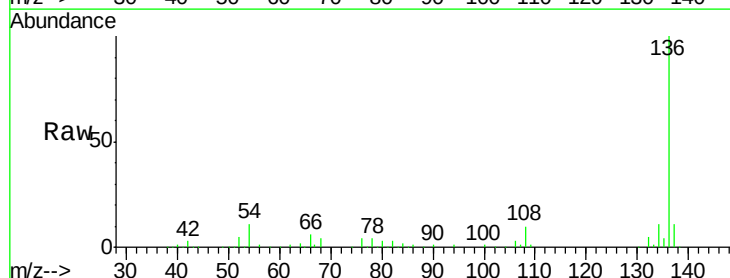
Ion Ratio Lower Upper

136 100

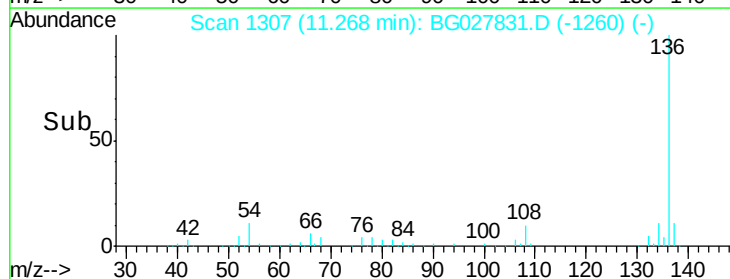
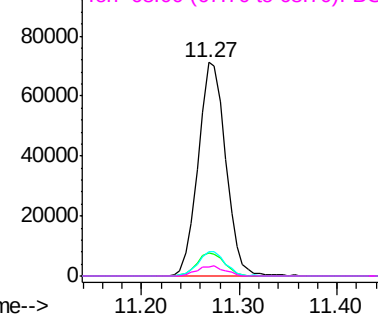
137 10.8 8.9 13.3

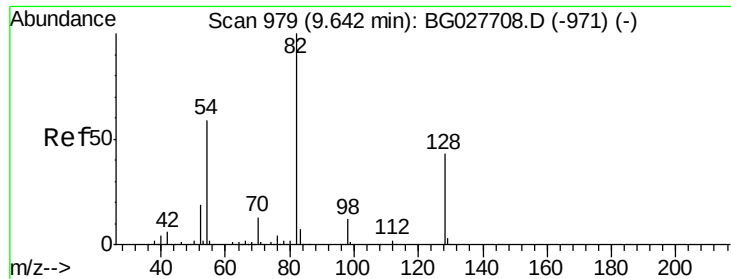
54 11.3 9.3 13.9

68 4.4 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

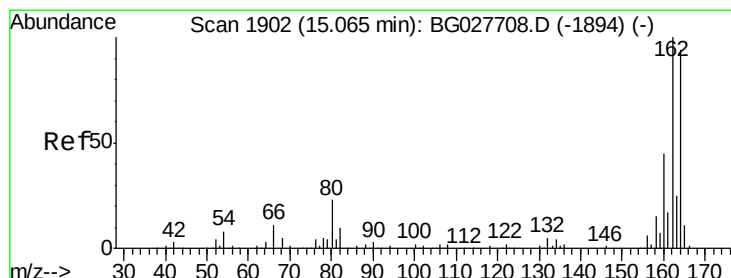
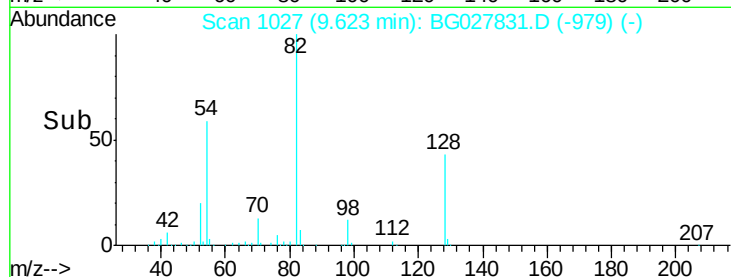
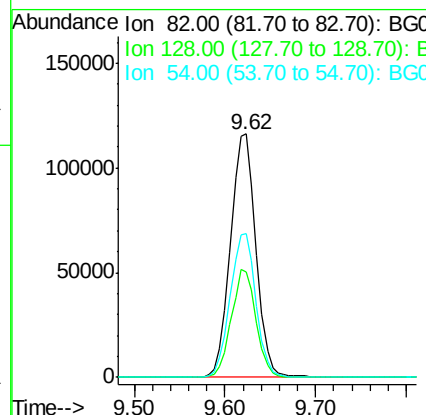
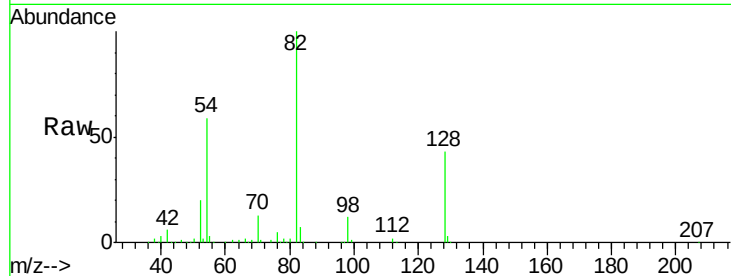




#23
 Nitrobenzene-d5
 Concen: 90.025 ng
 RT: 9.62 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027831.D
 Acq: 3 Jul 2017 14:16

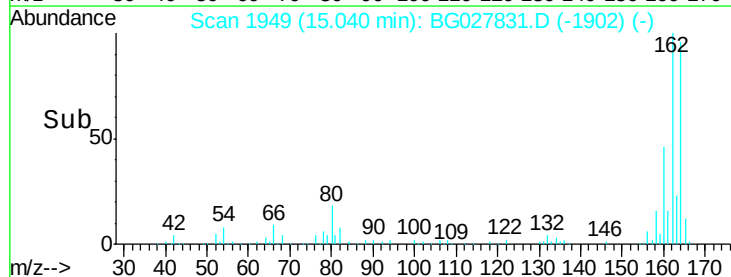
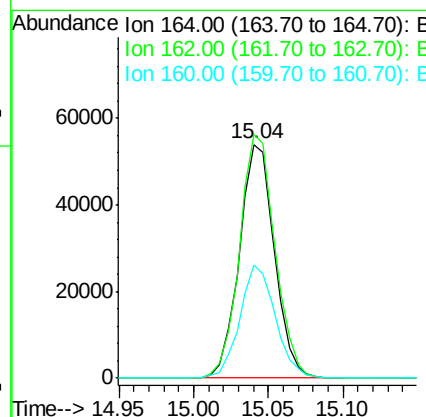
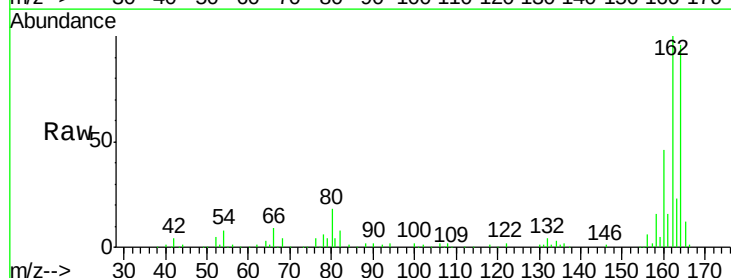
Instrument :
 BNA_G
 ClientSampled :
 TP-12

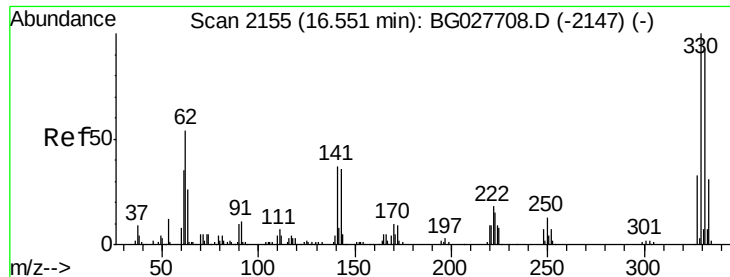
Tgt Ion: 82 Resp: 226085
 Ion Ratio Lower Upper
 82 100
 128 43.1 26.4 39.6#
 54 59.1 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027831.D
 Acq: 3 Jul 2017 14:16

Tgt Ion: 164 Resp: 87906
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.1 127.7
 160 48.3 34.7 52.1

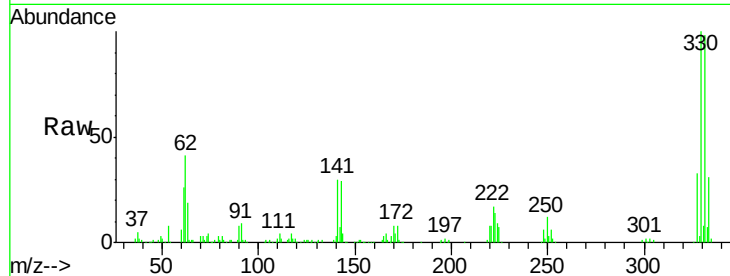




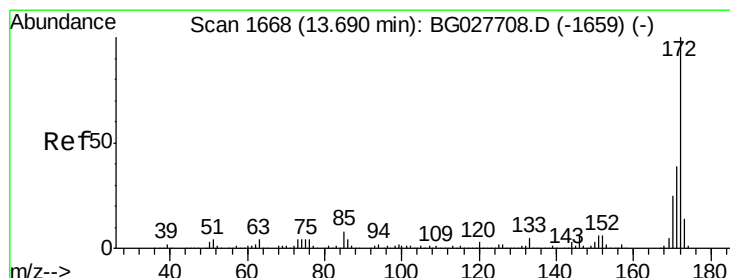
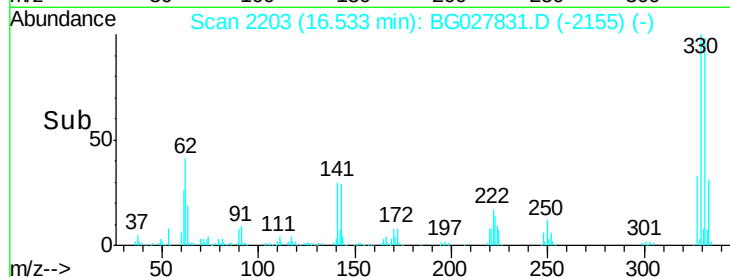
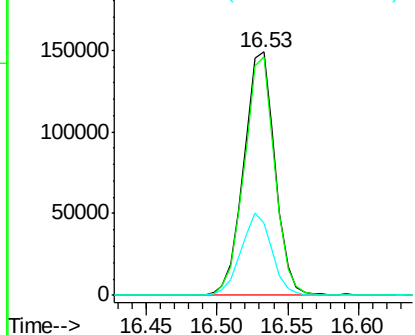
#41
 2,4,6-Tribromophenol
 Concen: 190.836 ng
 RT: 16.53 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BG027831.D
 Acq: 3 Jul 2017 14:16

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.3	32.1	48.1

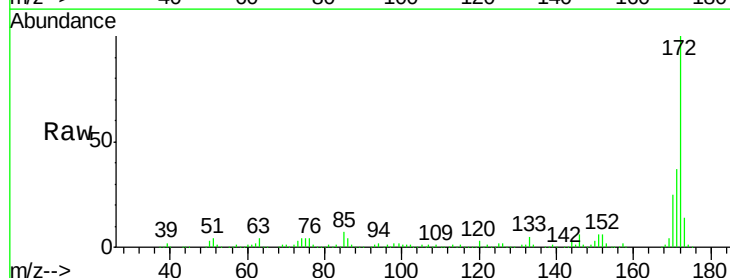


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

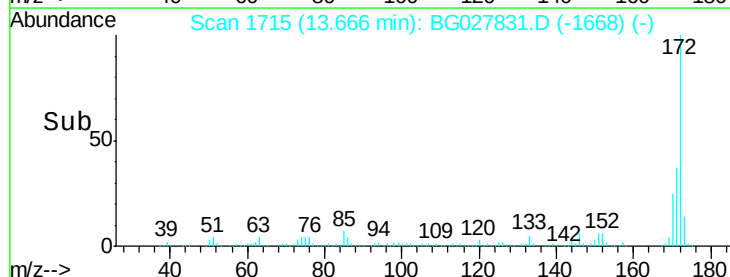
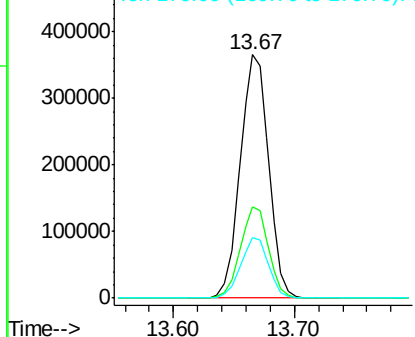


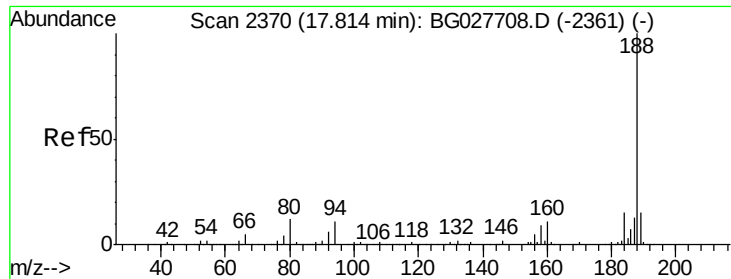
#44
 2-Fluorobiphenyl
 Concen: 96.971 ng
 RT: 13.67 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027831.D
 Acq: 3 Jul 2017 14:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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

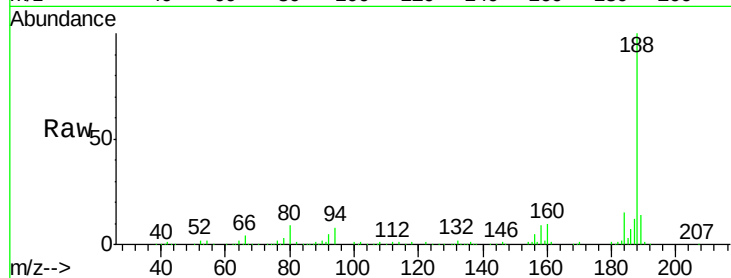




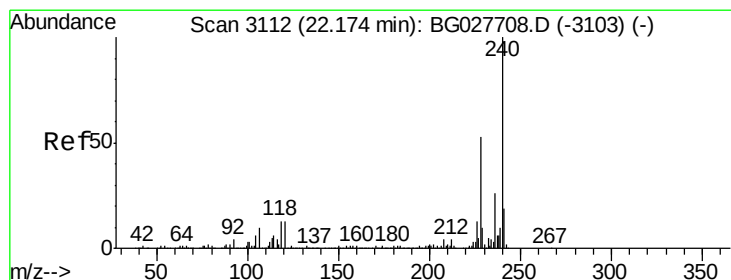
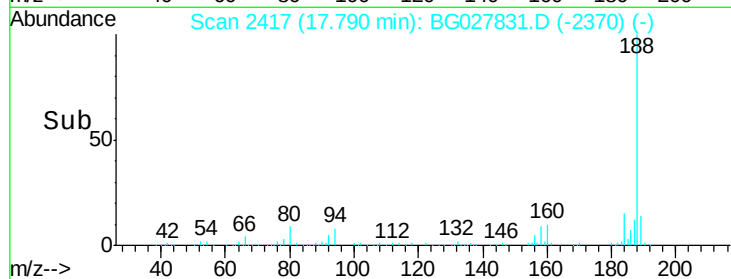
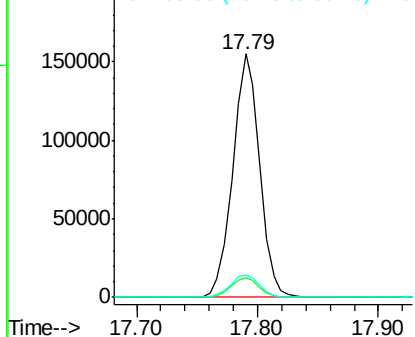
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Instrument :
BNA_G
ClientSampleId :
TP-12

Tgt Ion:188 Resp: 238868
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 8.9 7.5 11.3

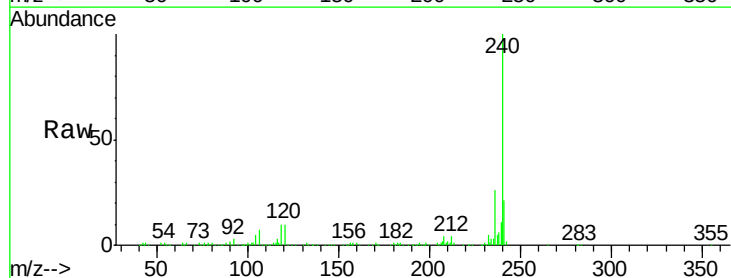


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

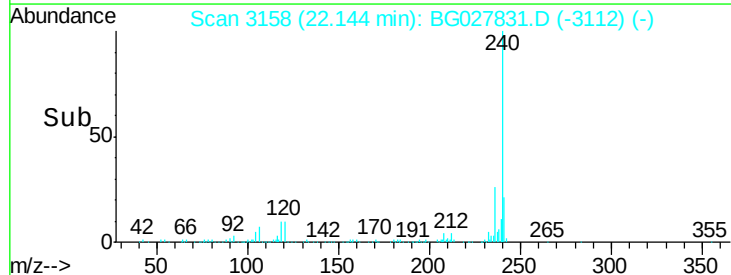
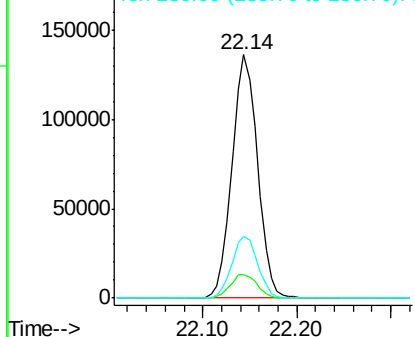


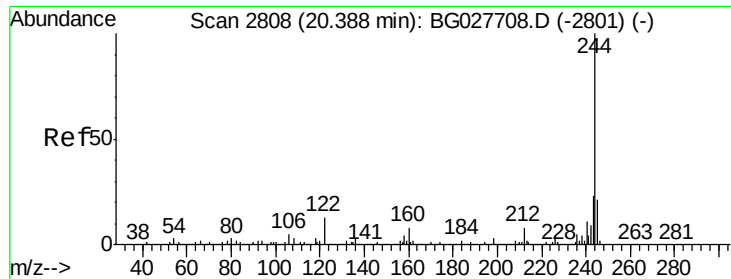
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.14 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG027831.D
Acq: 3 Jul 2017 14:16

Tgt Ion:240 Resp: 257195
Ion Ratio Lower Upper
240 100
120 9.5 5.7 8.5#
236 25.6 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: 111.326 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027831.D

Acq: 3 Jul 2017 14:16

Instrument :

BNA_G

ClientSampleId :

TP-12

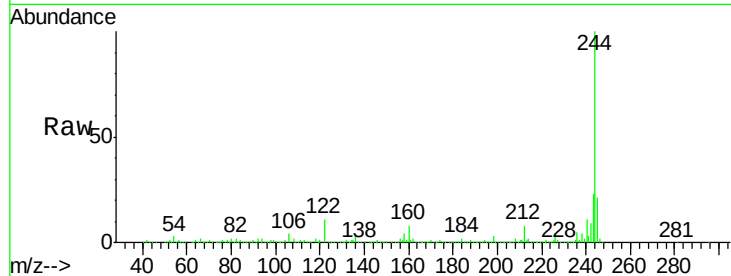
Tgt Ion:244 Resp: 1221334

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

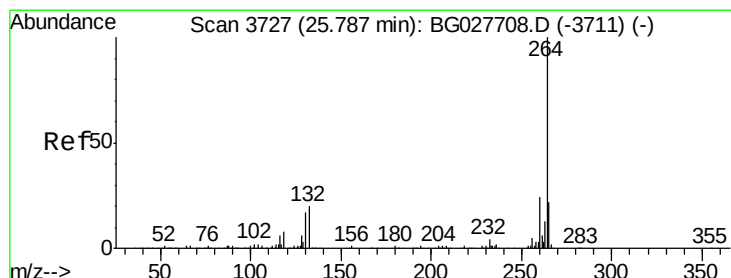
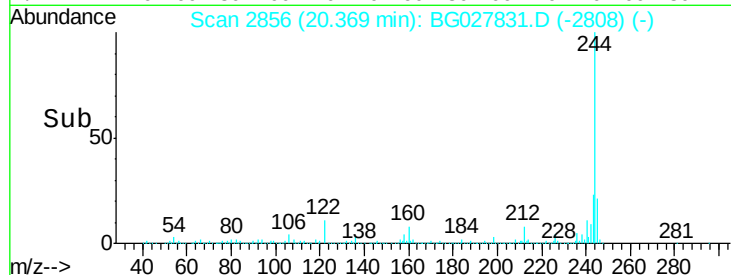
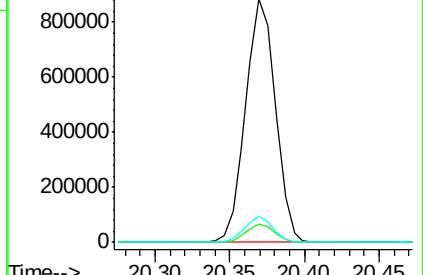
122 10.5 8.6 12.8



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: 20.000 ng

RT: 25.73 min Scan# 3769

Delta R.T. -0.05 min

Lab File: BG027831.D

Acq: 3 Jul 2017 14:16

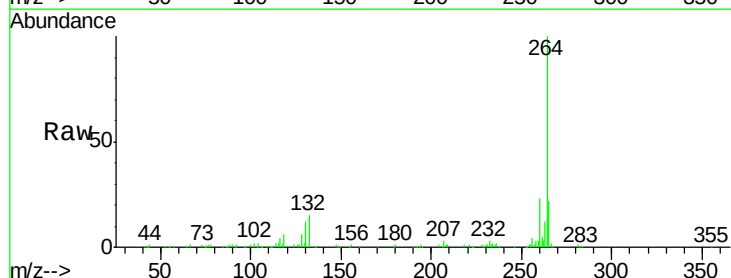
Tgt Ion:264 Resp: 256939

Ion Ratio Lower Upper

264 100

260 23.0 21.8 32.8

265 21.7 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

