

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028874.D
 Acq On : 22 Sep 2017 1:42
 Operator : SJ/JU
 Sample : I5309-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 02:47:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

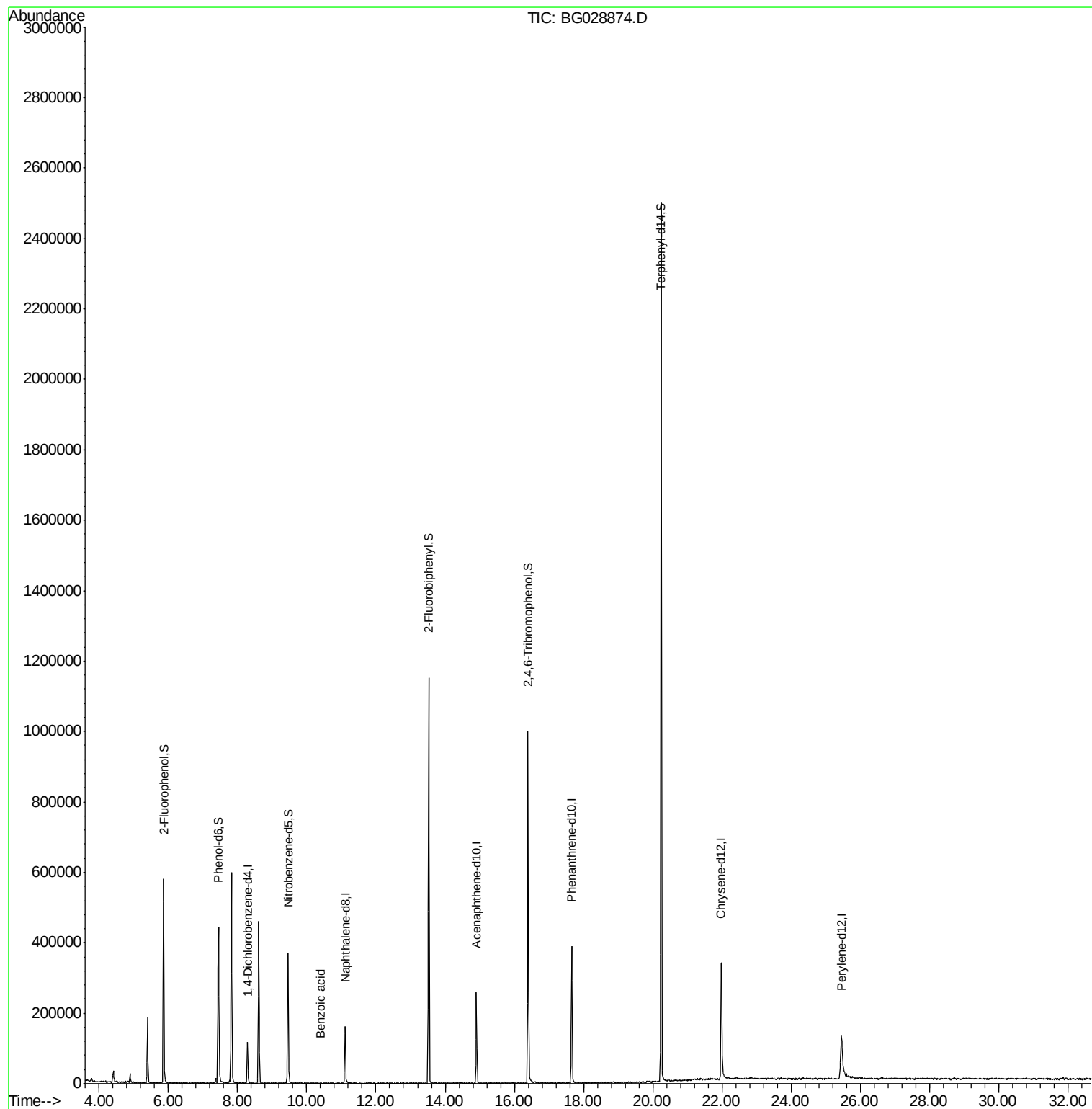
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	33572	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	133350	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	96999	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	264588	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	280019	20.00	ng	-0.05
86) Perylene-d12	25.45	264	190493	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	244580	120.21	ng	-0.04
7) Phenol-d6	7.45	99	286877	93.65	ng	-0.04
23) Nitrobenzene-d5	9.46	82	240537	86.29	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	219957	137.10	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	626977	86.19	ng	-0.04
78) Terphenyl-d14	20.25	244	1178224	89.73	ng	-0.04
Target Compounds						
32) Benzoic acid	10.39	122	74	6.12	ng	Qvalue # 1

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
Data File : BG028874.D
Acq On : 22 Sep 2017 1:42
Operator : SJ/JU
Sample : I5309-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 22 02:47:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

Instrument :

BNA_G

ClientSampleId :

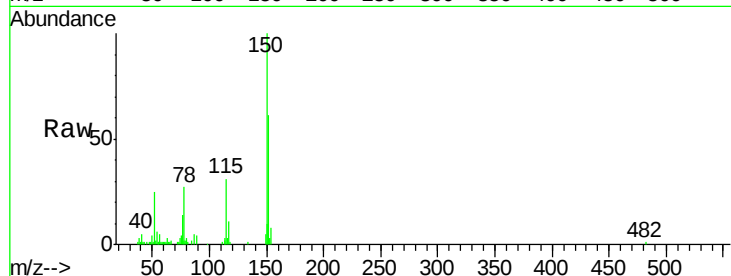
Tot Ion:152 Resp: 33572

Ion Ratio Lower Upper

152 100

150 165.1 114.0 171.0

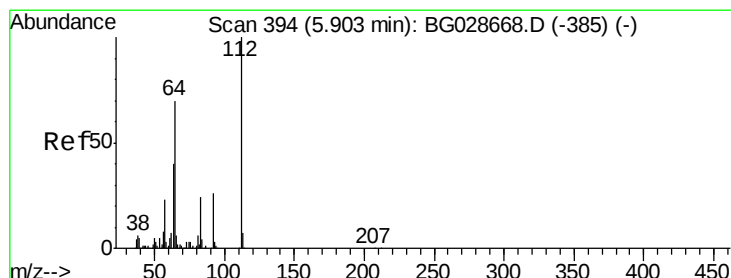
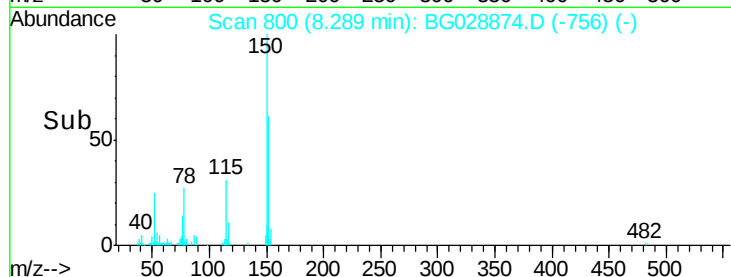
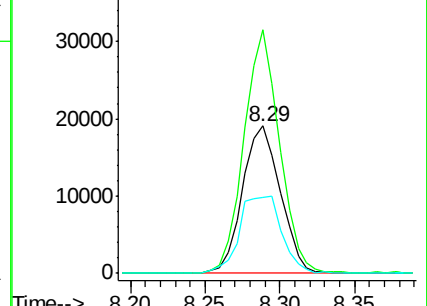
115 51.4 48.1 72.1



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



#5

2-Fluorophenol

Concen: 120.21 ng

RT: 5.86 min Scan# 387

Delta R.T. -0.04 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

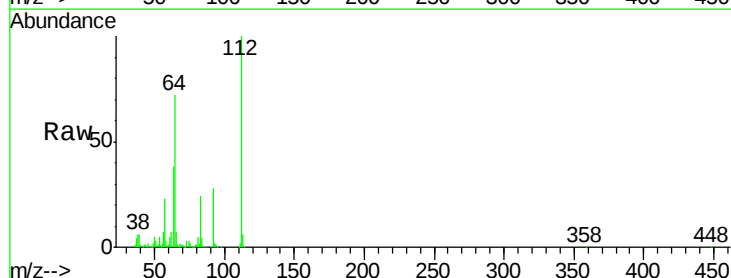
Tgt Ion:112 Resp: 244580

Ion Ratio Lower Upper

112 100

64 71.6 61.8 92.6

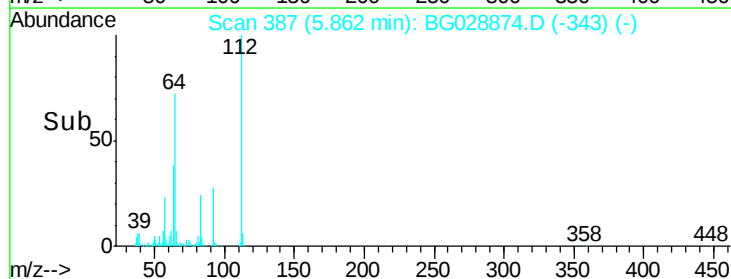
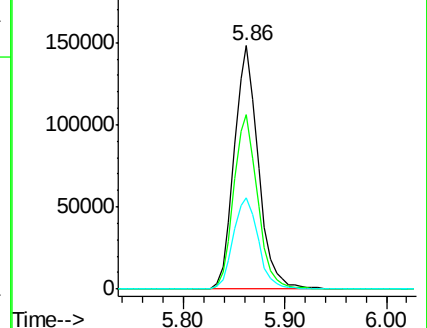
63 37.7 37.2 55.8

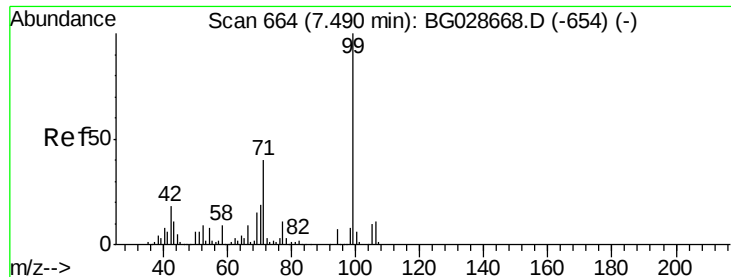


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 93.65 ng

RT: 7.45 min Scan# 657

Delta R.T. -0.04 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

Instrument :

BNA_G

ClientSampleId :

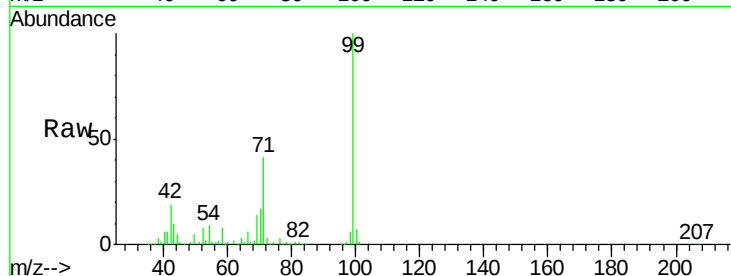
Tot Ion: 99 Resp: 286877

Ion Ratio Lower Upper

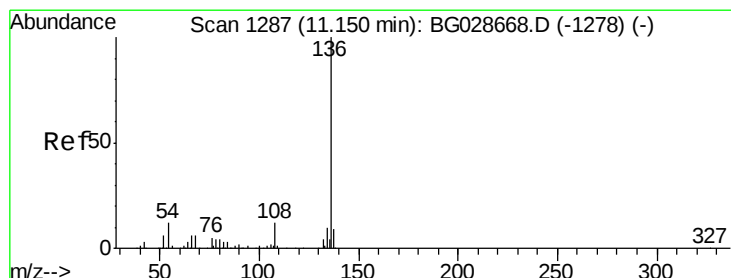
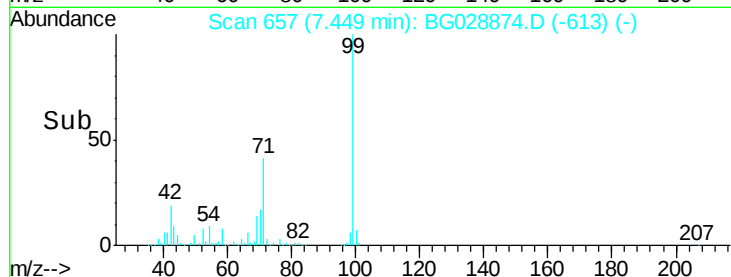
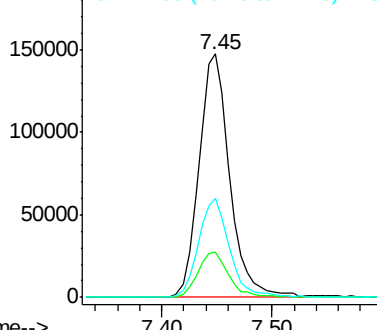
99 100

42 18.6 20.5 30.7#

71 40.5 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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

Tgt Ion: 136 Resp: 133350

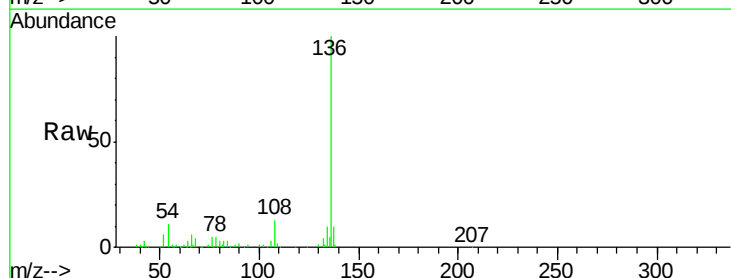
Ion Ratio Lower Upper

136 100

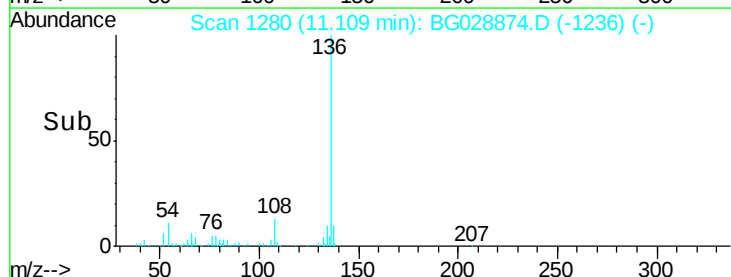
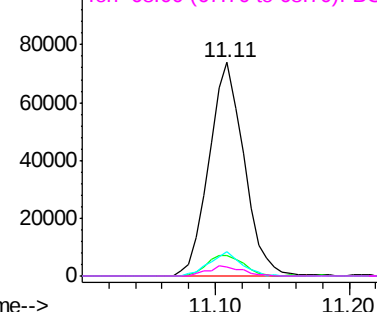
137 9.6 8.9 13.3

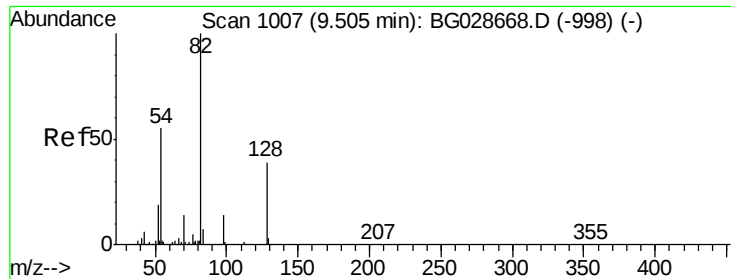
54 11.1 9.3 13.9

68 4.3 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

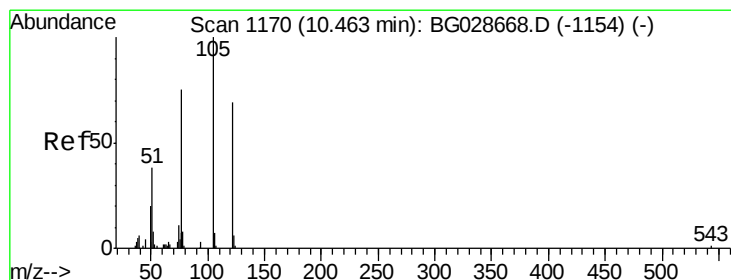
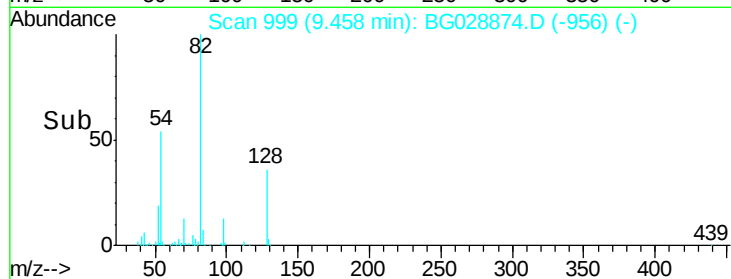
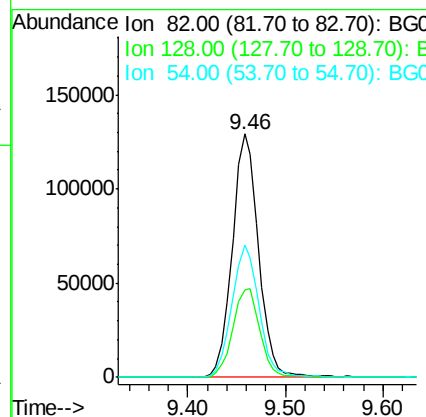
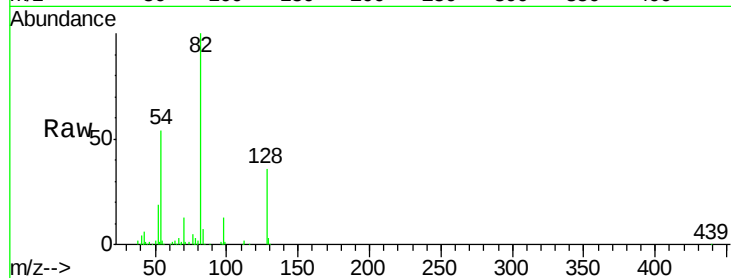




#23
 Nitrobenzene-d5
 Concen: 86.29 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BG028874.D
 Acq: 22 Sep 2017 1:42

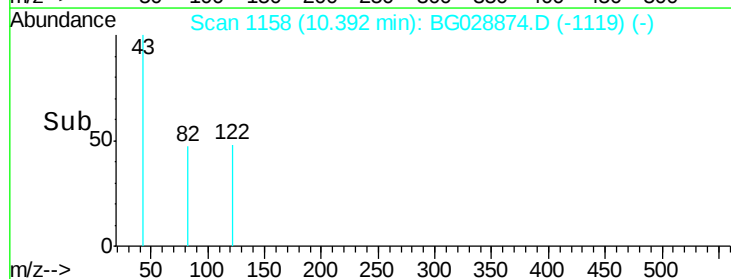
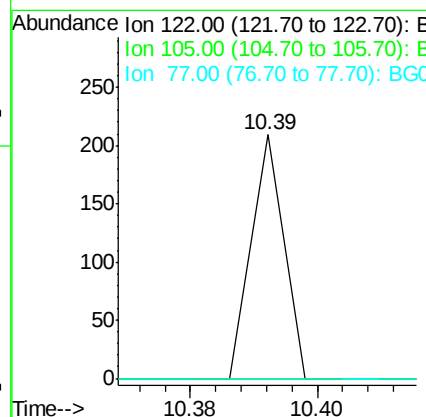
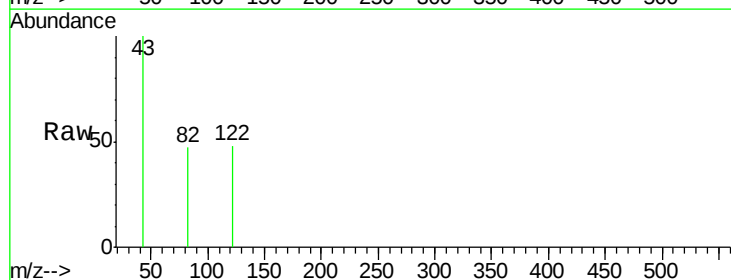
Instrument :
 BNA_G
 ClientSampleId :

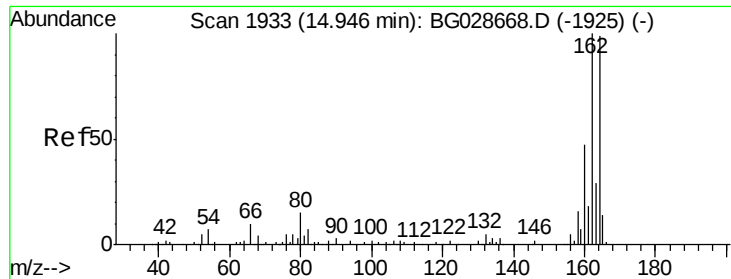
Tot Ion	82	Resp	240537
Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.4	39.6
54	54.2	49.4	74.2



#32
 Benzoic acid
 Concen: 6.12 ng
 RT: 10.39 min Scan# 1158
 Delta R.T. -0.07 min
 Lab File: BG028874.D
 Acq: 22 Sep 2017 1:42

Tgt Ion	122	Resp	74
Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#

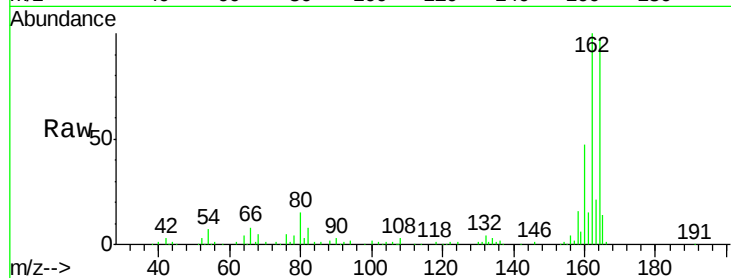




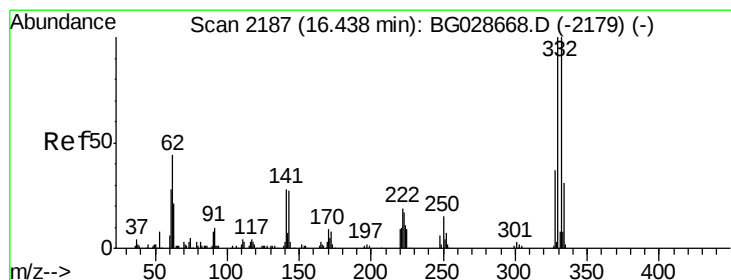
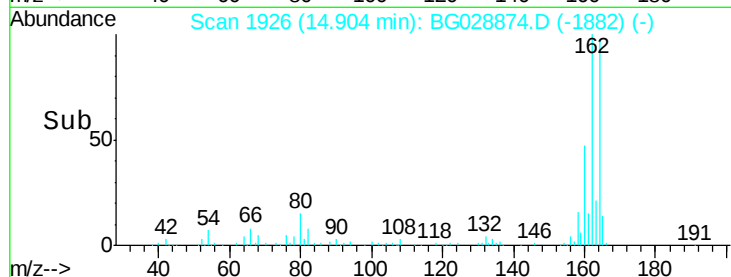
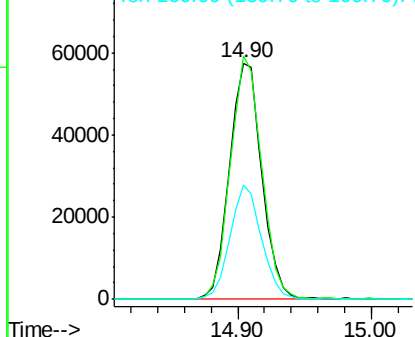
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028874.D
Acq: 22 Sep 2017 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 96999
Ion Ratio Lower Upper
164 100
162 103.0 85.1 127.7
160 48.6 34.7 52.1

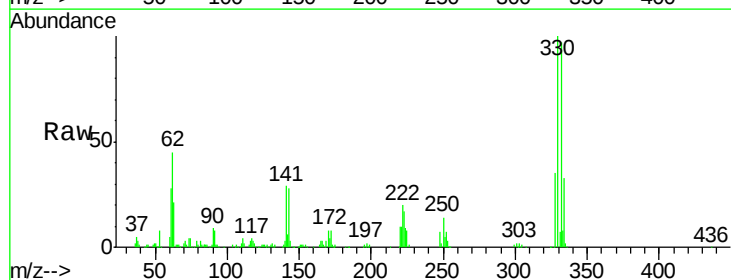


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

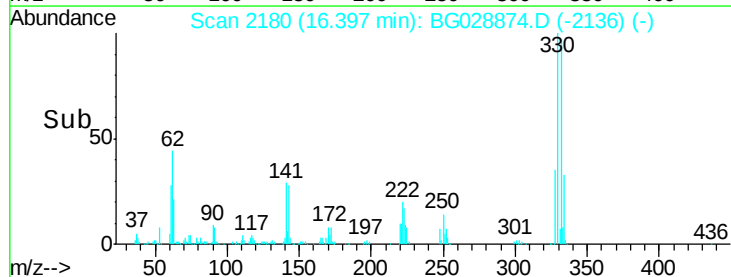
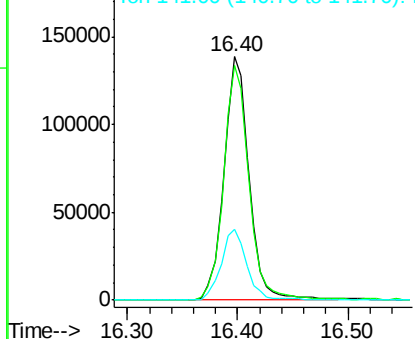


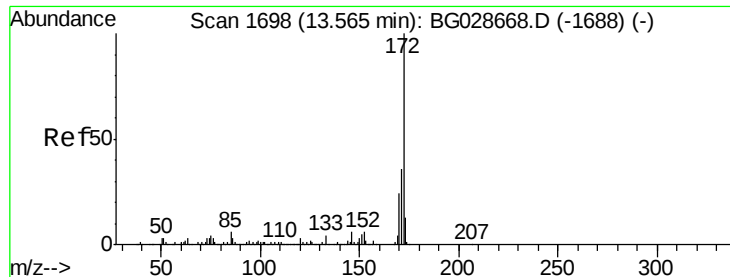
#41
2,4,6-Tribromophenol
Concen: 137.10 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028874.D
Acq: 22 Sep 2017 1:42

Tgt Ion:330 Resp: 219957
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 29.9 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

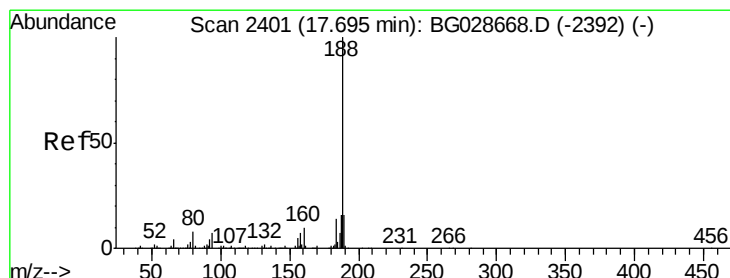
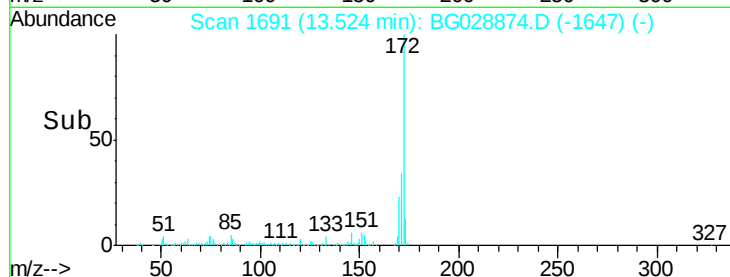
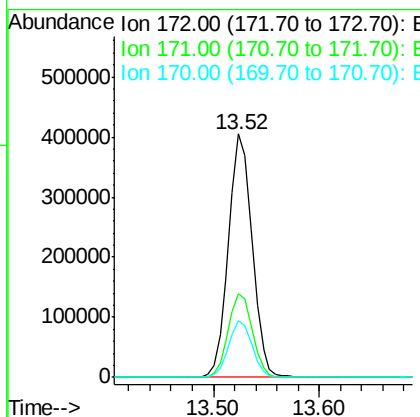
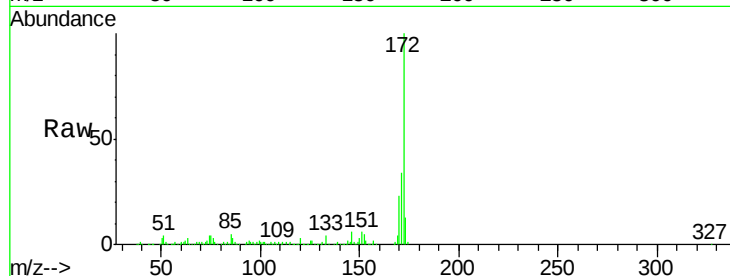




#44
2-Fluorobiphenyl
Concen: 86.19 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028874.D
Acq: 22 Sep 2017 1:42

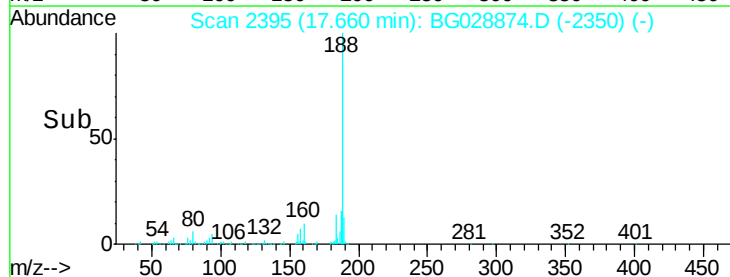
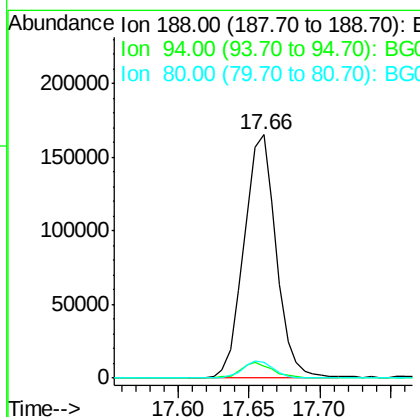
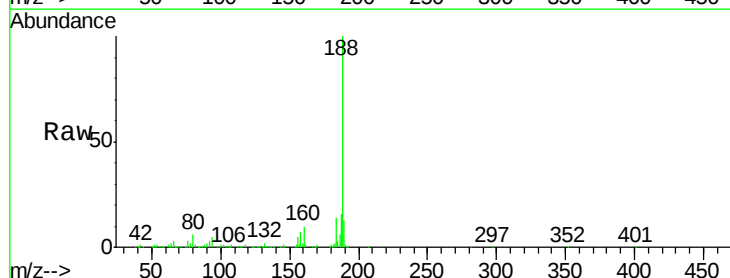
Instrument :
BNA_G
ClientSampleId :

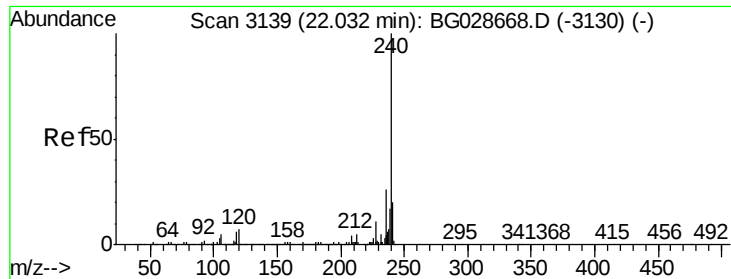
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	32.2	48.2
170	23.3	21.8	32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028874.D
Acq: 22 Sep 2017 1:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.9	5.8	8.8#
80	6.4	7.5	11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

Instrument :

BNA_G

ClientSampleId :

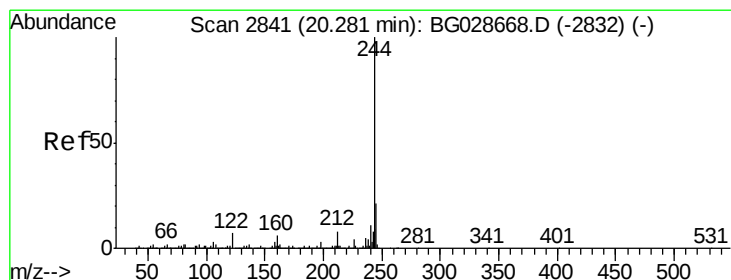
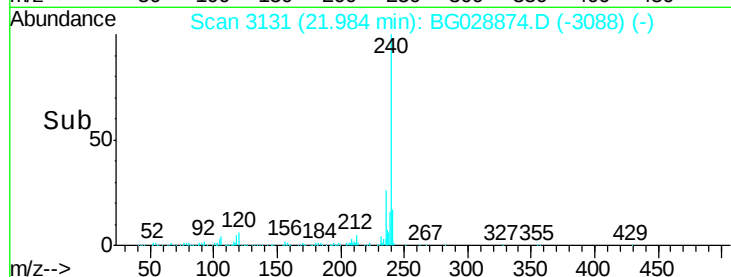
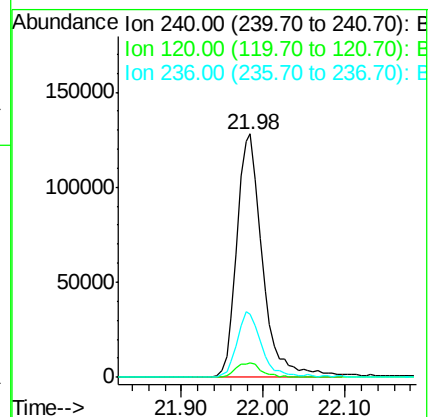
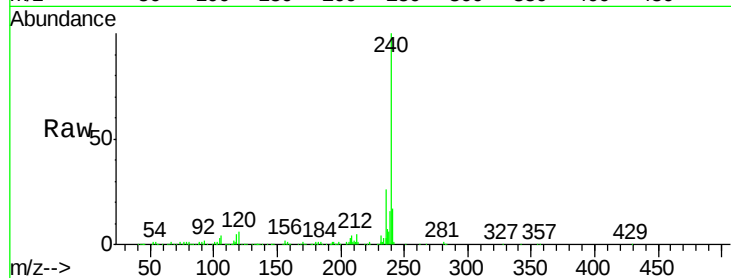
Tot Ion:240 Resp: 280019

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

236 26.1 22.2 33.4



#78

Terphenyl-d14

Concen: 89.73 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028874.D

Acq: 22 Sep 2017 1:42

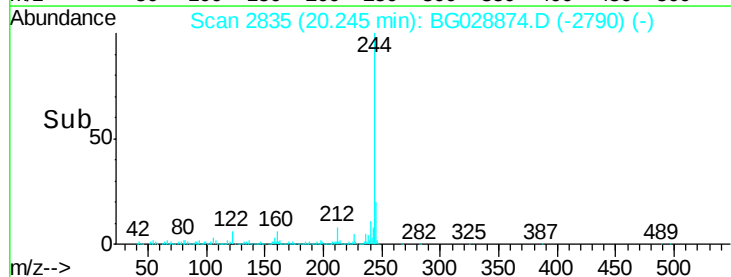
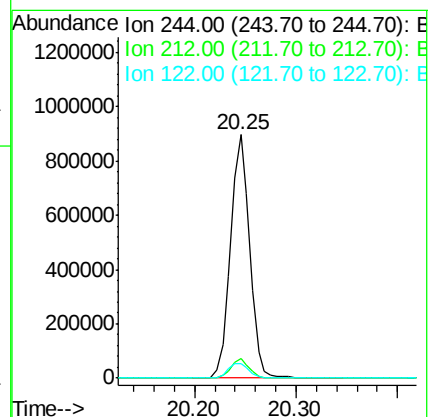
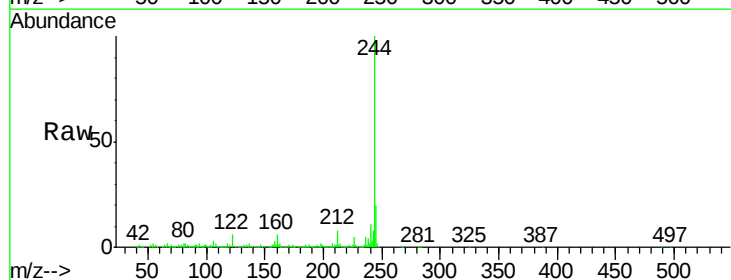
Tgt Ion:244 Resp: 1178224

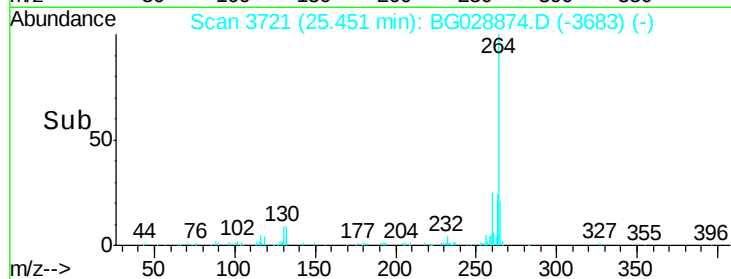
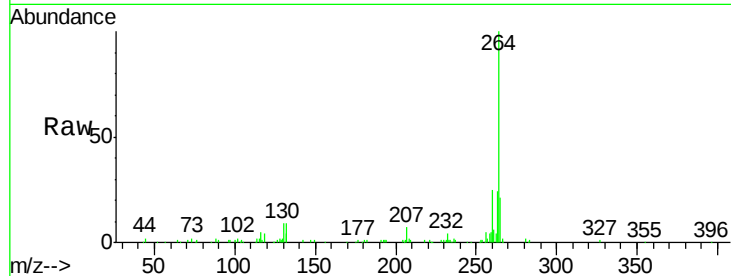
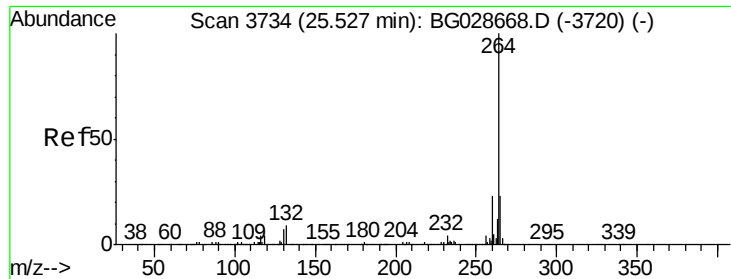
Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

122 6.1 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.45 min Scan# 3721
Delta R.T. -0.08 min
Lab File: BG028874.D
Acq: 22 Sep 2017 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	20.6	18.2	27.4

