

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
 Data File : BG028974.D
 Acq On : 29 Sep 2017 18:18
 Operator : SJ/JU
 Sample : I5450-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170663-A-C-4

Quant Time: Sep 29 18:58:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 17:54:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40074	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	158596	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	110096	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	294232	20.00	ng	0.00
75) Chrysene-d12	21.97	240	345398	20.00	ng	0.00
86) Perylene-d12	25.42	264	343097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	316694	130.40	ng	0.00
7) Phenol-d6	7.44	99	385945	105.55	ng	0.00
23) Nitrobenzene-d5	9.45	82	300850	90.75	ng	0.00
41) 2,4,6-Tribromophenol	16.38	330	267273	146.78	ng	0.00
44) 2-Fluorobiphenyl	13.52	172	768706	93.10	ng	0.00
78) Terphenyl-d14	20.23	244	1489172	91.94	ng	0.00

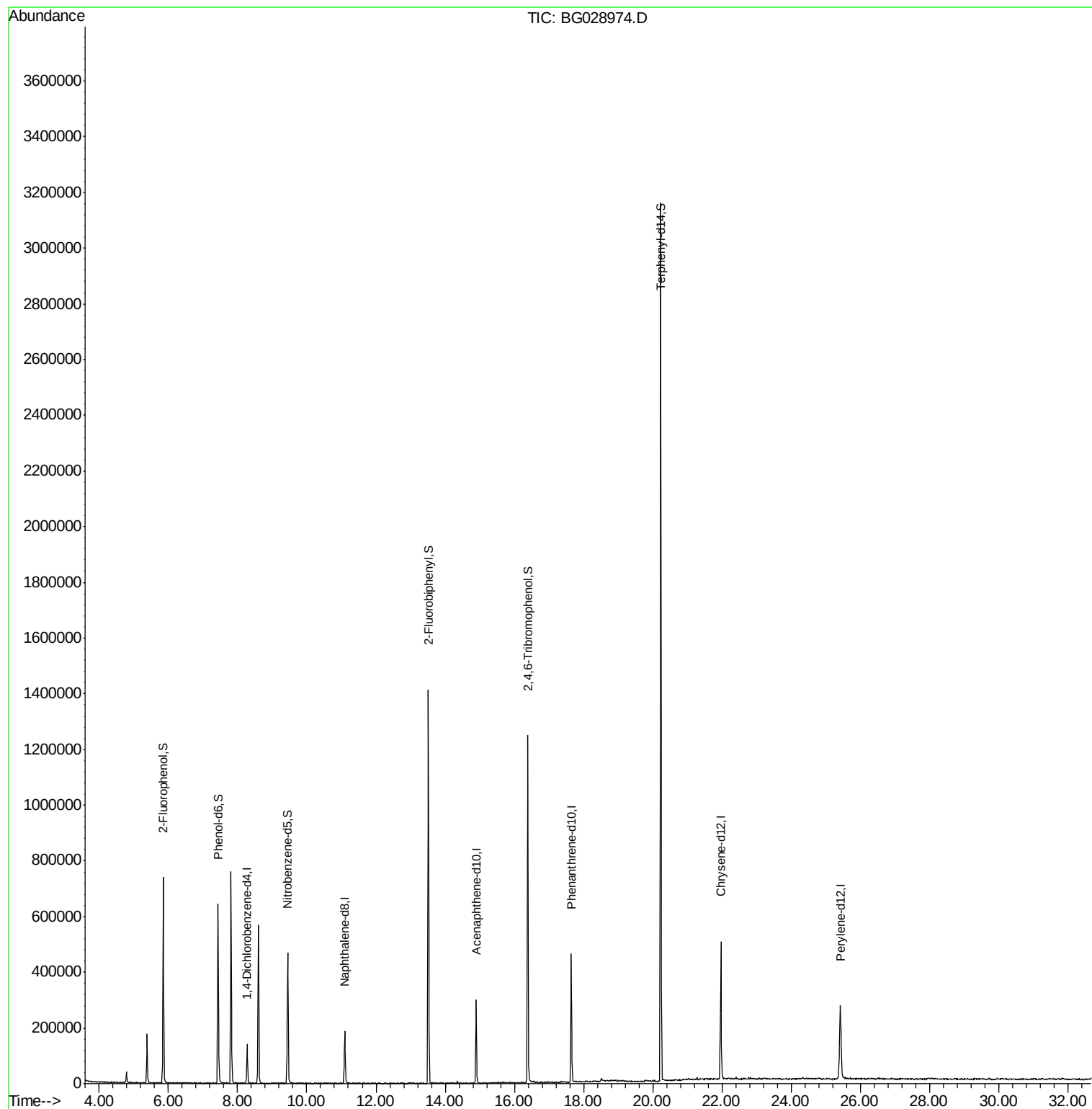
Target Compounds Qvalue

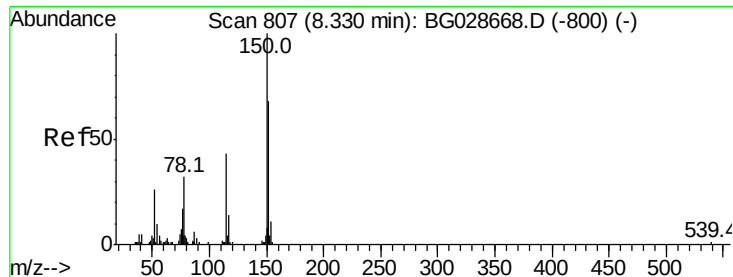
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
Data File : BG028974.D
Acq On : 29 Sep 2017 18:18
Operator : SJ/JU
Sample : I5450-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20170663-A-C-4

Quant Time: Sep 29 18:58:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 17:54:09 2017
Response via : Initial Calibration



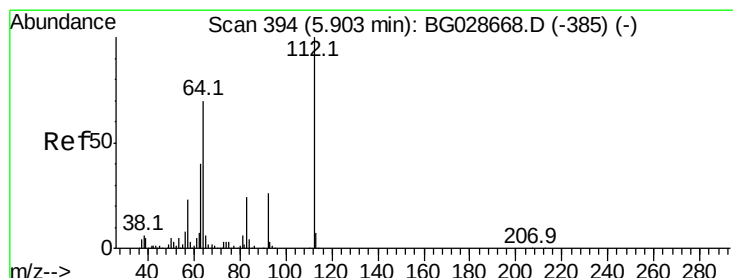
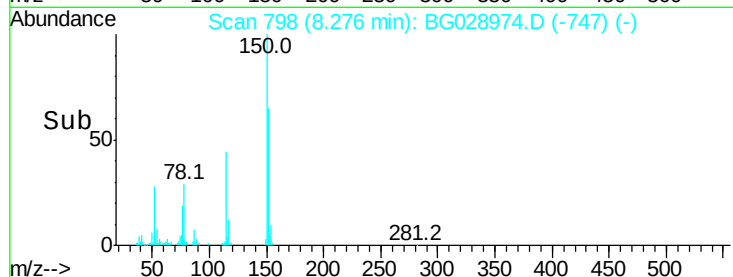
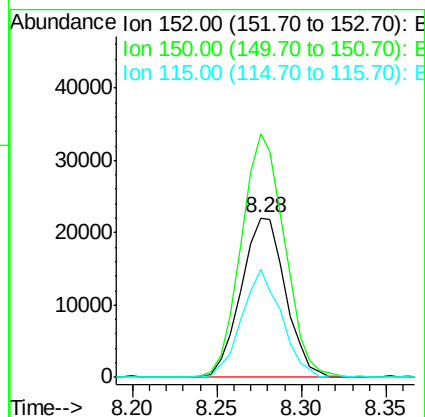
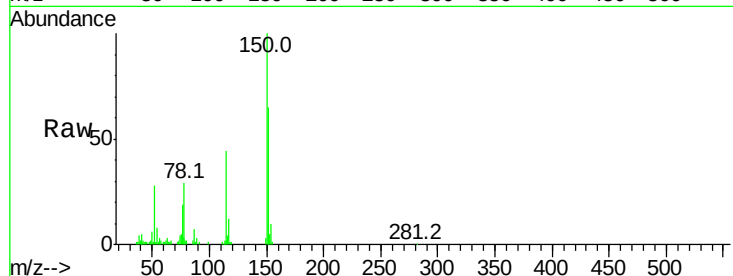


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG028974.D
Acq: 29 Sep 2017 18:18

Instrument :
BNA_G
ClientSampleId :
20170663-A-C-4

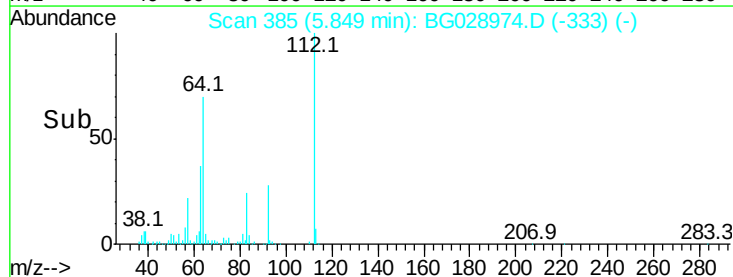
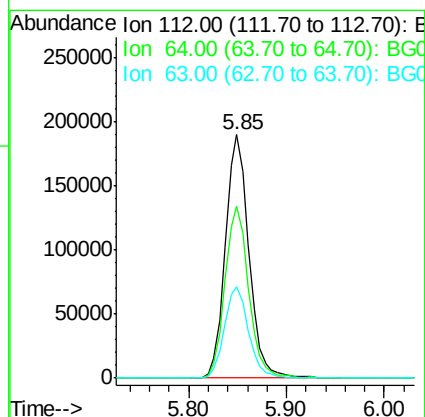
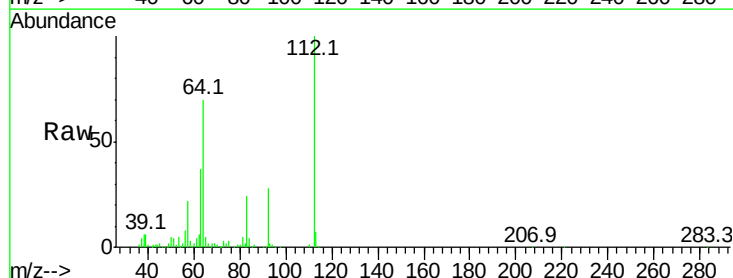
Tot Ion:152 Resp: 40074
Ion Ratio Lower Upper
152 100
150 152.9 114.0 171.0
115 67.8 48.1 72.1

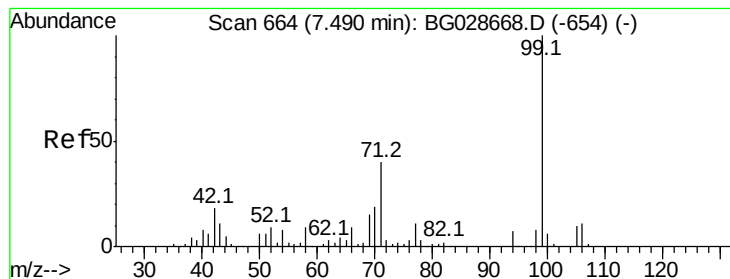


#5

2-Fluorophenol
Concen: 130.399 ng
RT: 5.85 min Scan# 385
Delta R.T. 0.00 min
Lab File: BG028974.D
Acq: 29 Sep 2017 18:18

Tgt Ion:112 Resp: 316694
Ion Ratio Lower Upper
112 100
64 70.5 61.8 92.6
63 37.3 37.2 55.8





#7

Phenol-d6

Concen: 105.546 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.00 min

Lab File: BG028974.D

Acq: 29 Sep 2017 18:18

Instrument :

BNA_G

ClientSampleId :

20170663-A-C-4

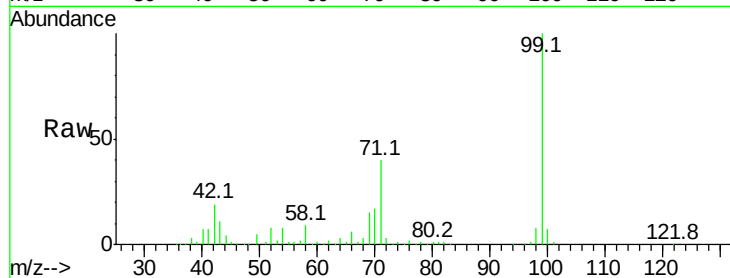
Tot Ion: 99 Resp: 385945

Ion Ratio Lower Upper

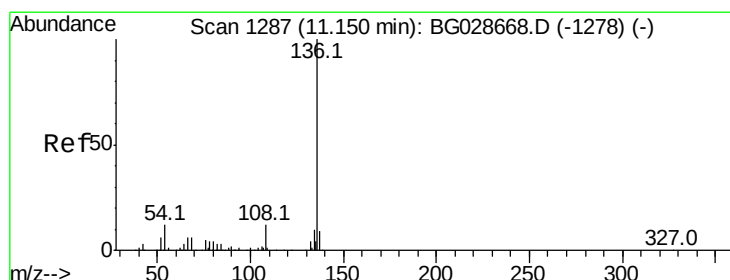
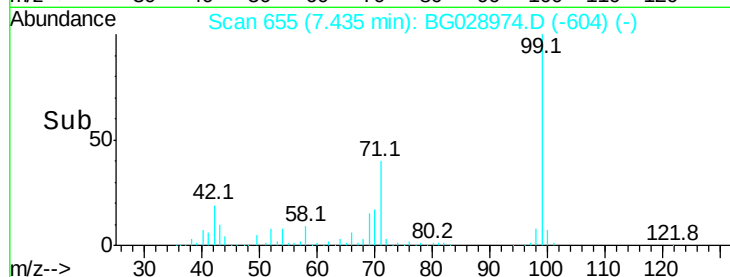
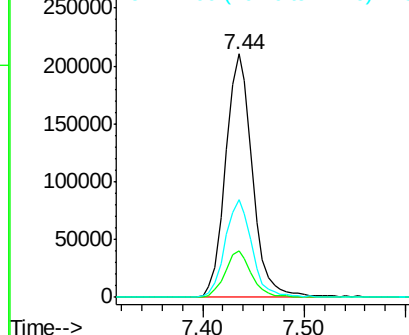
99 100

42 19.3 20.5 30.7#

71 40.0 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: 11.10 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BG028974.D

Acq: 29 Sep 2017 18:18

Tgt Ion: 136 Resp: 158596

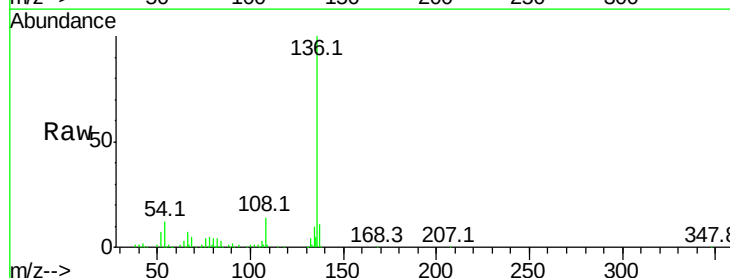
Ion Ratio Lower Upper

136 100

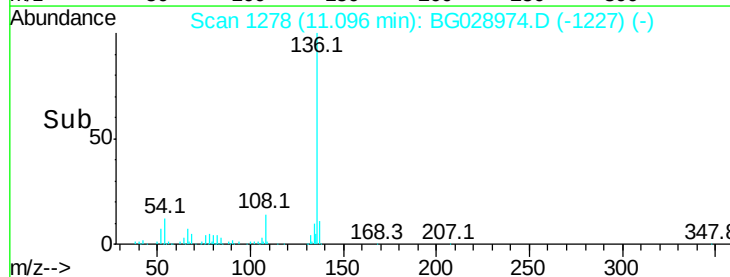
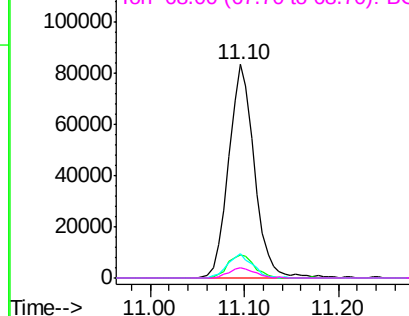
137 11.0 8.9 13.3

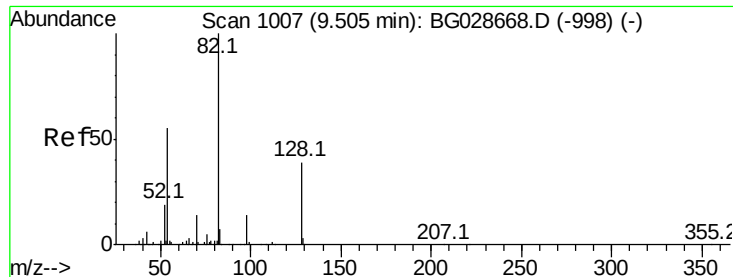
54 11.7 9.3 13.9

68 4.5 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

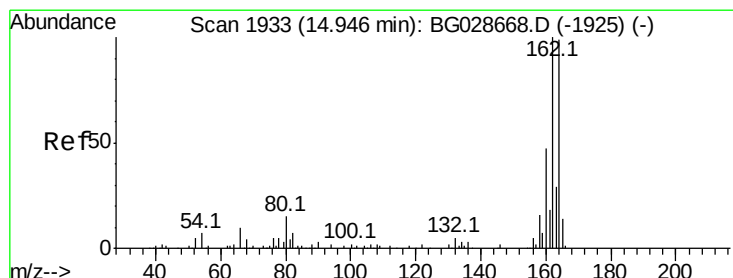
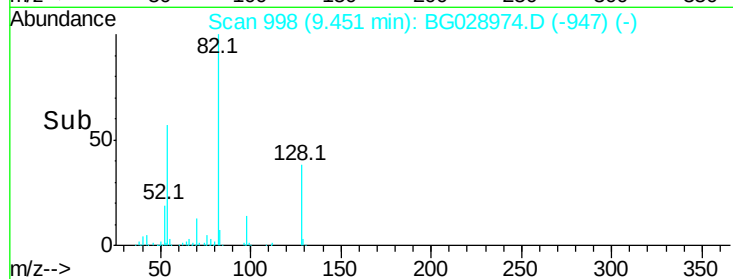
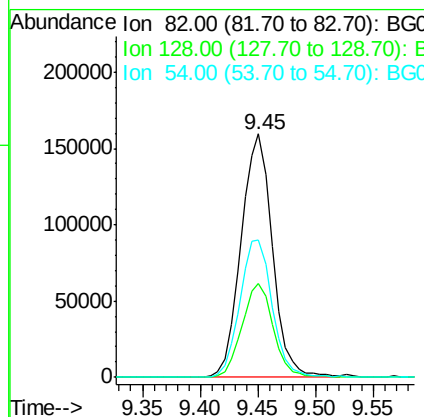
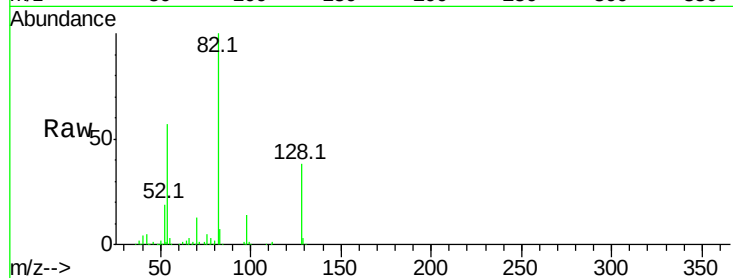




#23
 Nitrobenzene-d5
 Concen: 90.746 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BG028974.D
 Acq: 29 Sep 2017 18:18

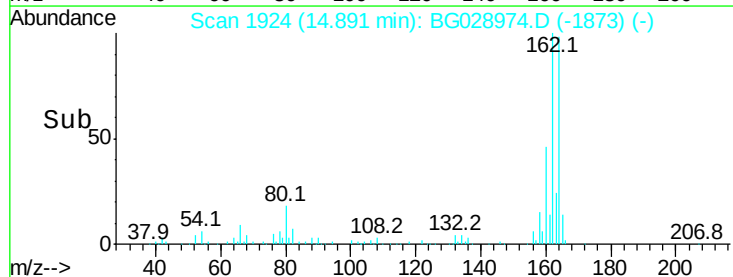
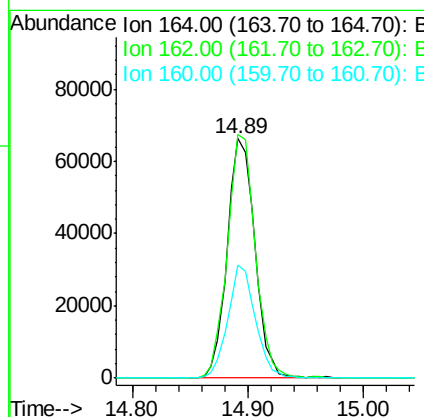
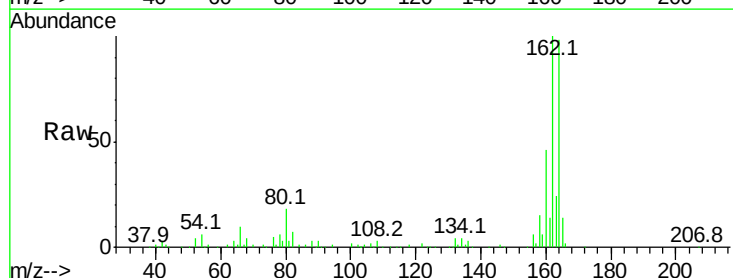
Instrument :
 BNA_G
 ClientSampleId :
 20170663-A-C-4

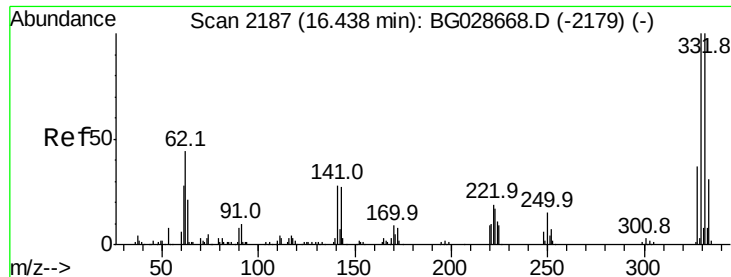
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.4	39.6
54	56.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: BG028974.D
 Acq: 29 Sep 2017 18:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	85.1	127.7
160	47.1	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 146.779 ng

RT: 16.38 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG028974.D

Acq: 29 Sep 2017 18:18

Instrument :

BNA_G

ClientSampleId :

20170663-A-C-4

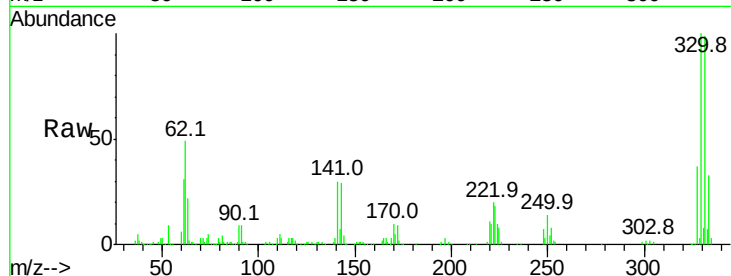
Tot Ion:330 Resp: 267273

Ion Ratio Lower Upper

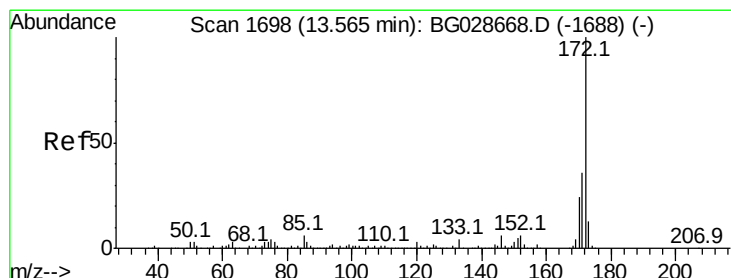
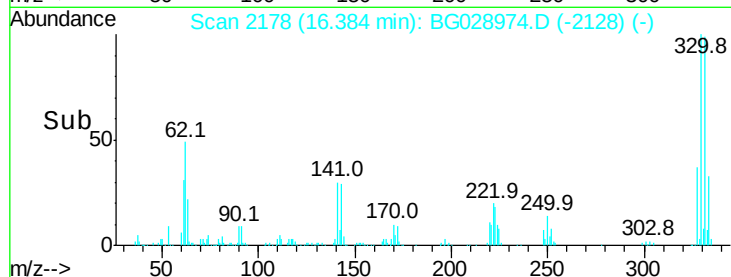
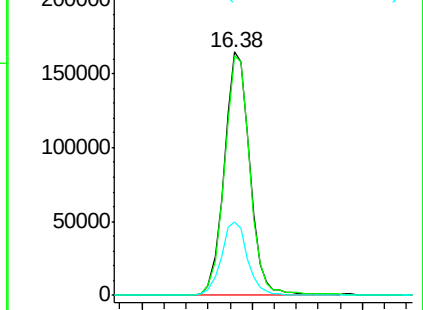
330 100

332 97.8 77.3 115.9

141 30.9 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: 93.101 ng

RT: 13.52 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BG028974.D

Acq: 29 Sep 2017 18:18

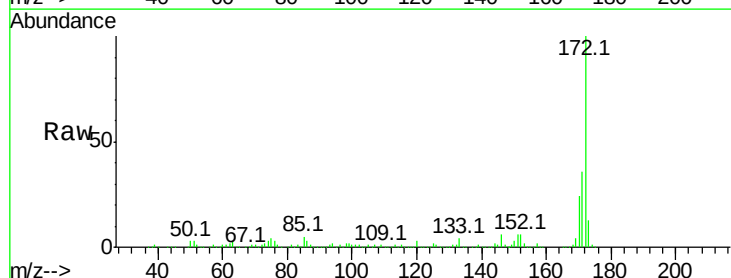
Tgt Ion:172 Resp: 768706

Ion Ratio Lower Upper

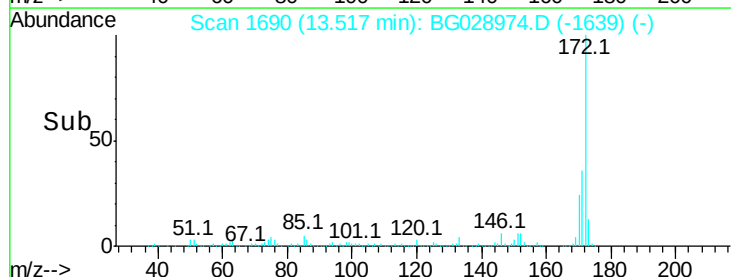
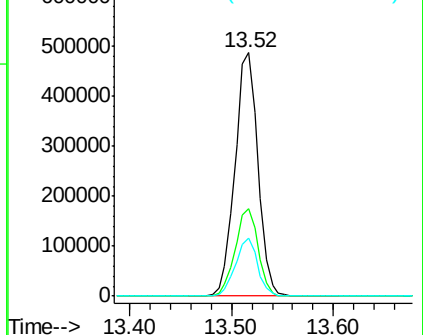
172 100

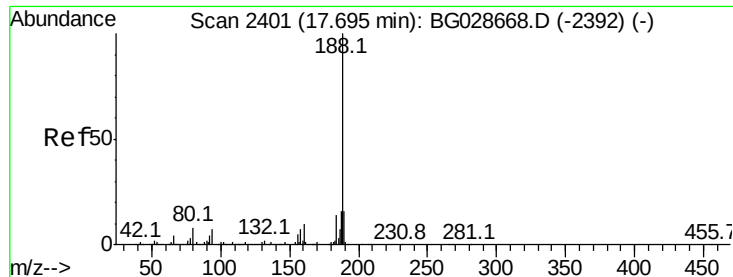
171 35.9 32.2 48.2

170 23.6 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: 20.000 ng

RT: 17.65 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BG028974.D

Acq: 29 Sep 2017 18:18

Instrument :

BNA_G

ClientSampleId :

20170663-A-C-4

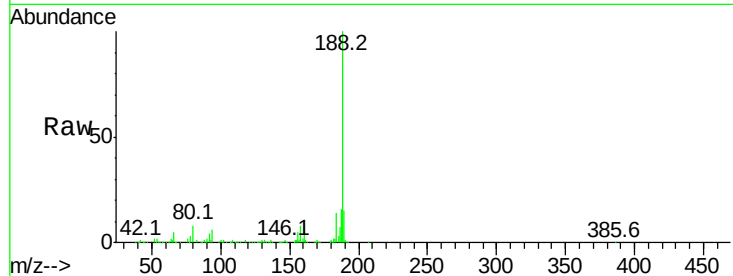
Tot Ion:188 Resp: 294232

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

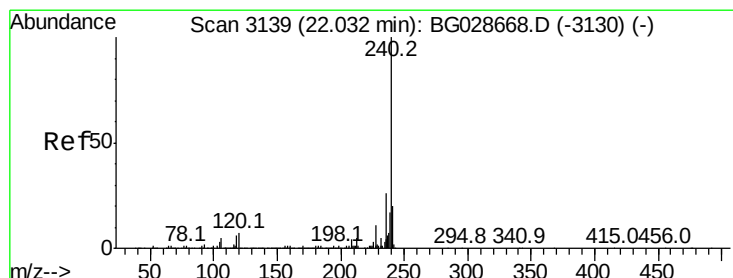
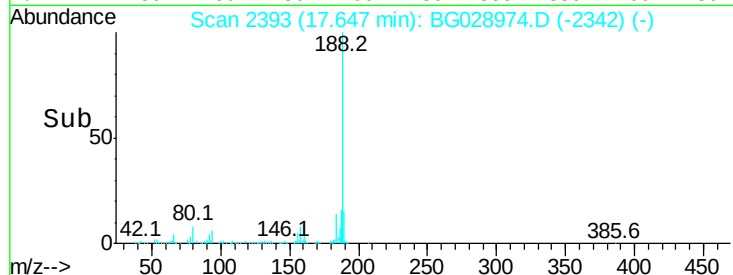
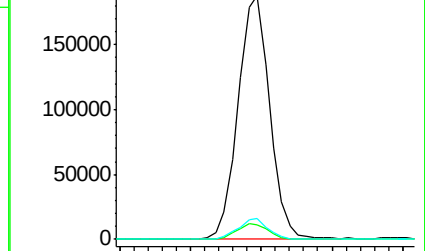
80 8.4 7.5 11.3



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: 21.97 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG028974.D

Acq: 29 Sep 2017 18:18

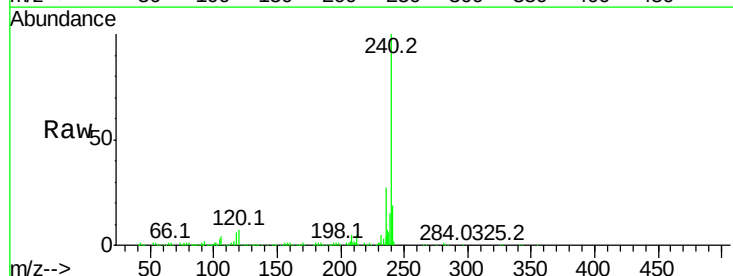
Tgt Ion:240 Resp: 345398

Ion Ratio Lower Upper

240 100

120 6.8 5.7 8.5

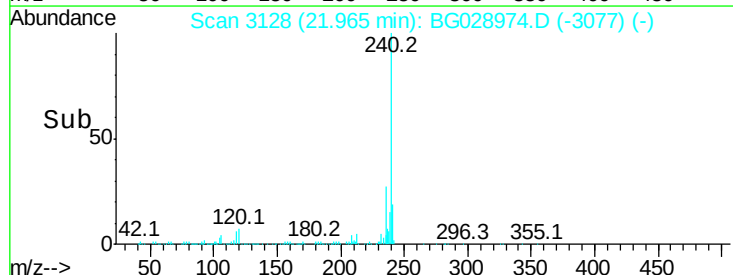
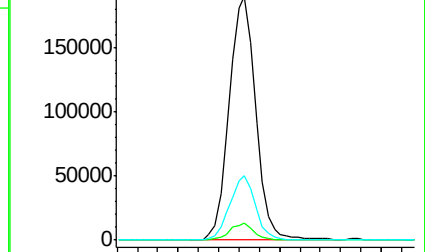
236 26.6 22.2 33.4

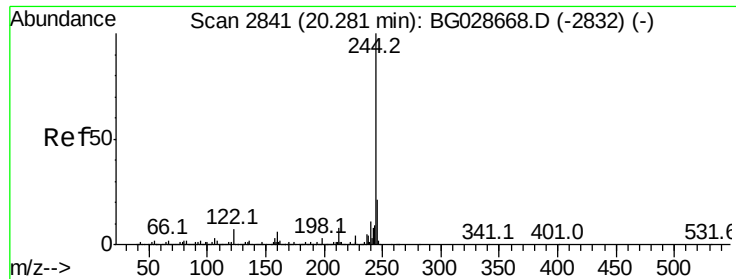


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.945 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG028974.D

Acq: 29 Sep 2017 18:18

Instrument :

BNA_G

ClientSampleId :

20170663-A-C-4

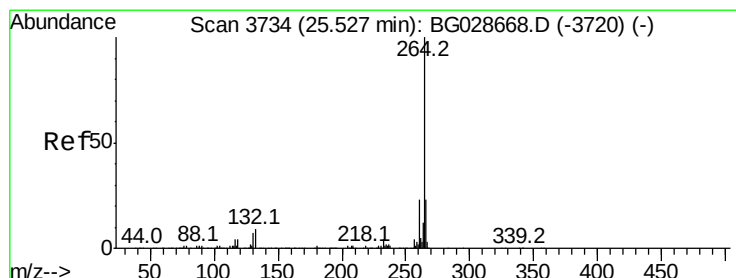
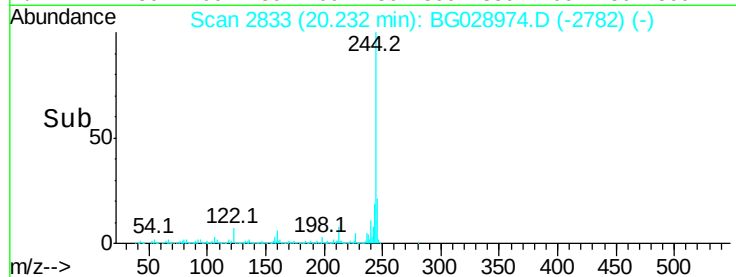
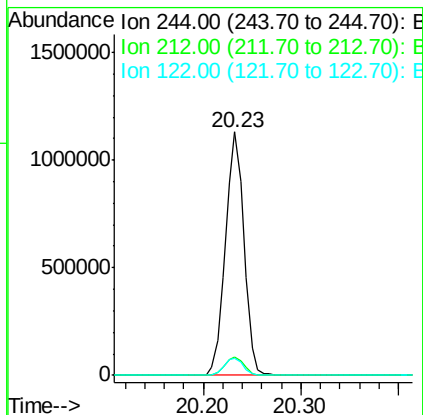
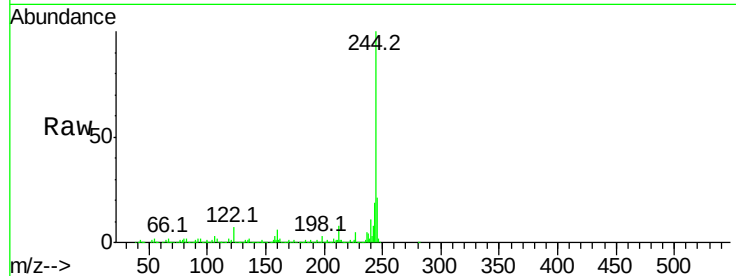
Tot Ion:244 Resp: 1489172

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 7.1 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.42 min Scan# 3716

Delta R.T. 0.00 min

Lab File: BG028974.D

Acq: 29 Sep 2017 18:18

Tgt Ion:264 Resp: 343097

Ion Ratio Lower Upper

264 100

260 22.1 21.8 32.8

265 22.1 18.2 27.4

