

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028736.D
 Acq On : 14 Sep 2017 17:21
 Operator : SJ/JU
 Sample : I5187-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170606-COMP-C

Quant Time: Sep 15 08:39:20 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

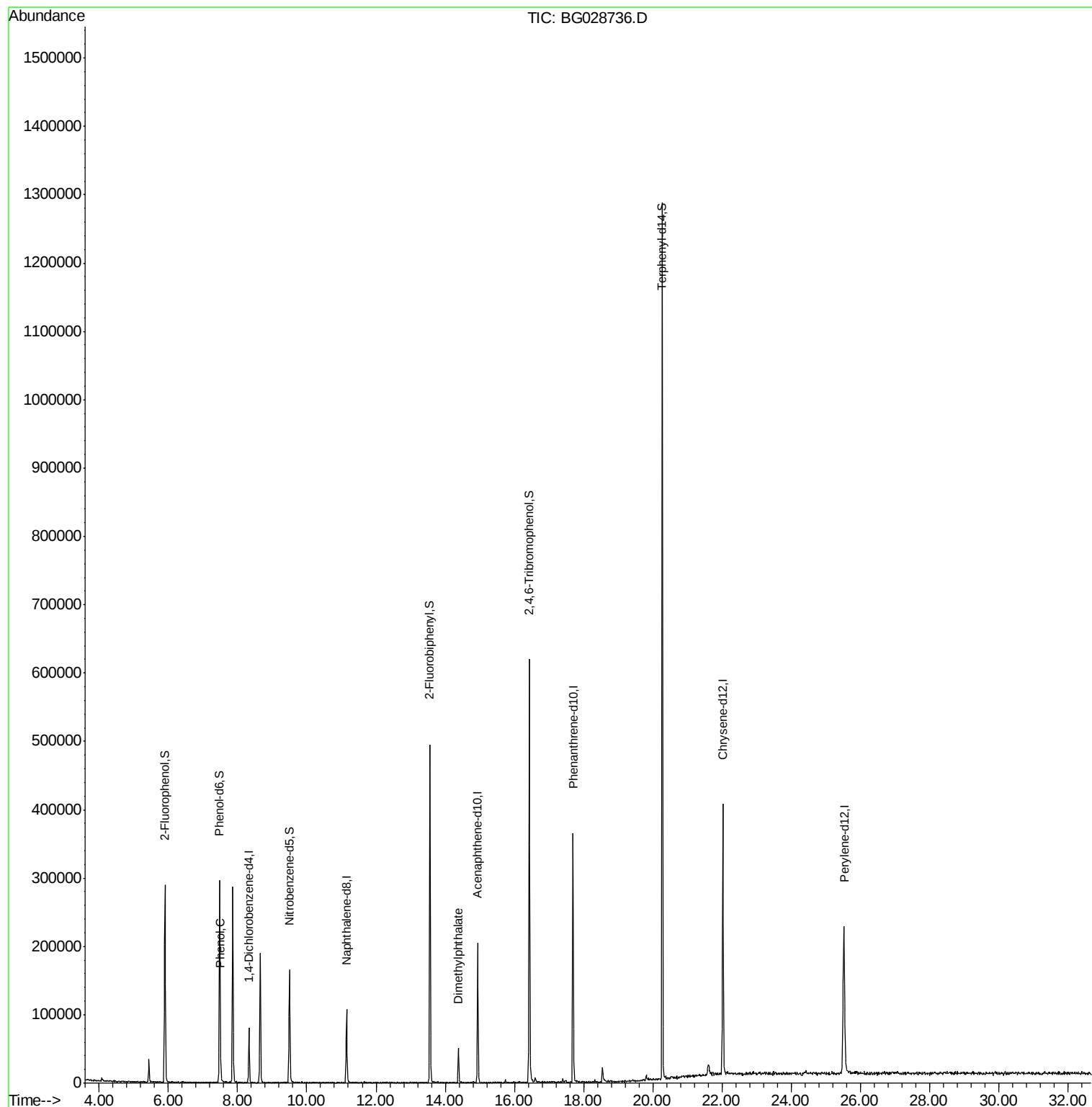
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	22522	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	92507	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	76863	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	243888	20.00	ng	0.00
75) Chrysene-d12	22.02	240	279899	20.00	ng	0.00
86) Perylene-d12	25.53	264	284017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	130180	95.37	ng	0.00
7) Phenol-d6	7.48	99	186087	90.55	ng	0.00
23) Nitrobenzene-d5	9.50	82	112209	58.03	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	140561	110.57	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	284282	49.32	ng	0.00
78) Terphenyl-d14	20.27	244	608664	46.37	ng	0.00
Target Compounds						
10) Phenol	7.51	94	4929	2.273	ng	87
49) Dimethylphthalate	14.38	163	39841	6.181	ng	100

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

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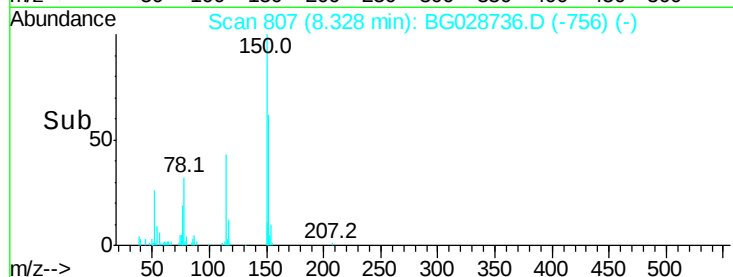
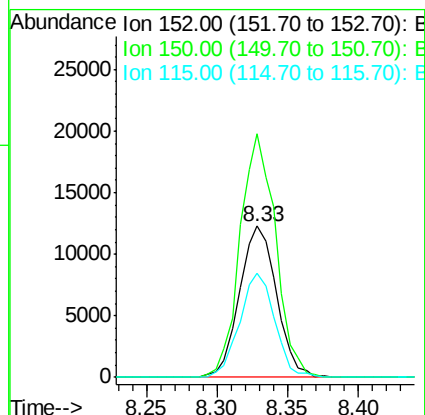
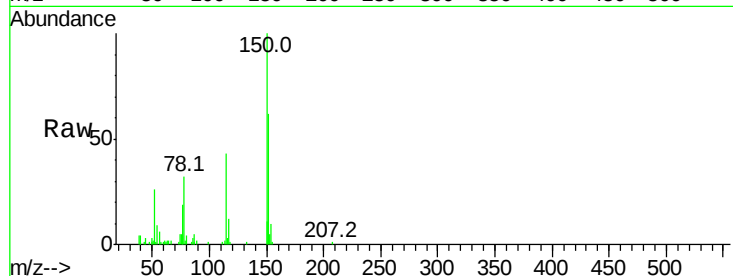


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Instrument :
BNA_G
ClientSampleId :
20170606-COMP-C

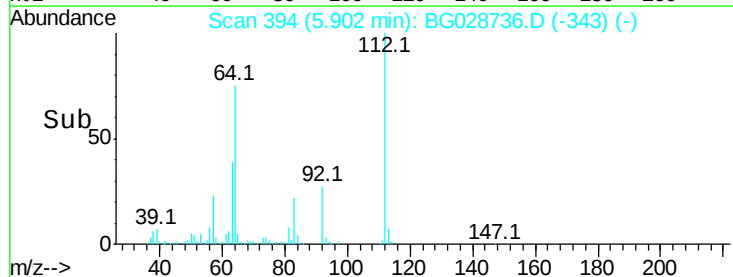
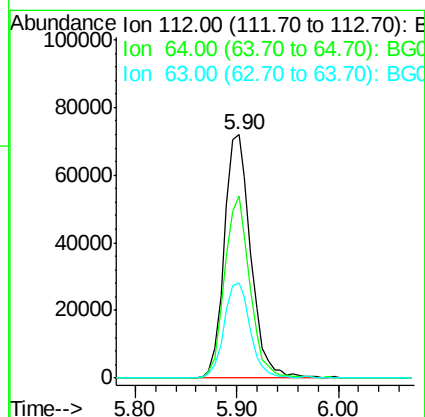
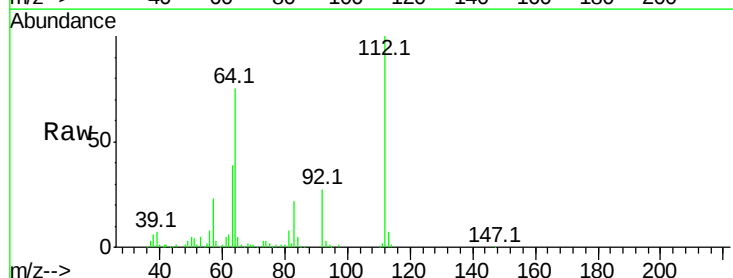
Tot Ion:152 Resp: 22522
Ion Ratio Lower Upper
152 100
150 160.9 114.0 171.0
115 68.6 48.1 72.1

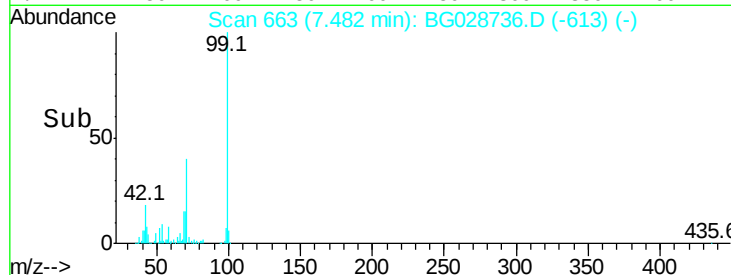
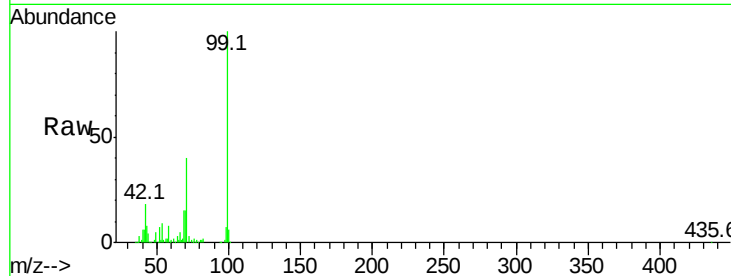
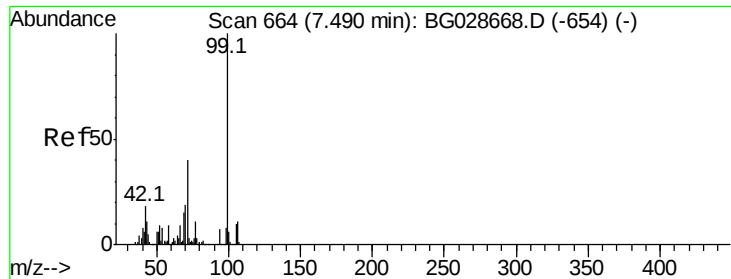


#5

2-Fluorophenol
Concen: 95.375 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion:112 Resp: 130180
Ion Ratio Lower Upper
112 100
64 74.7 61.8 92.6
63 39.1 37.2 55.8





#7

Phenol-d6

Concen: 90.550 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

20170606-COMP-C

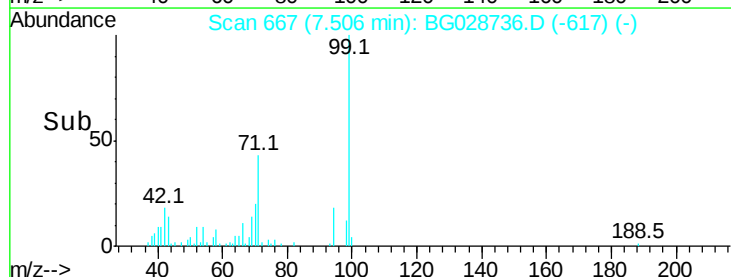
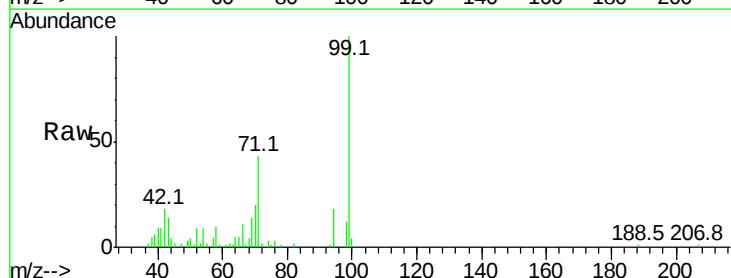
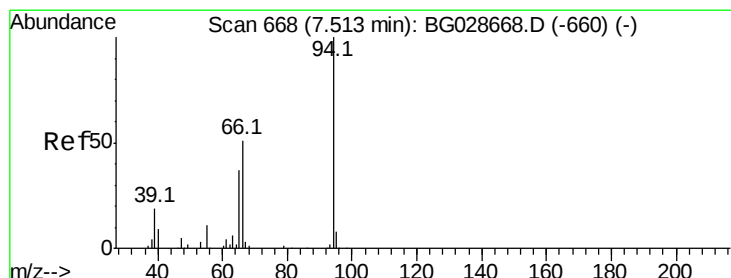
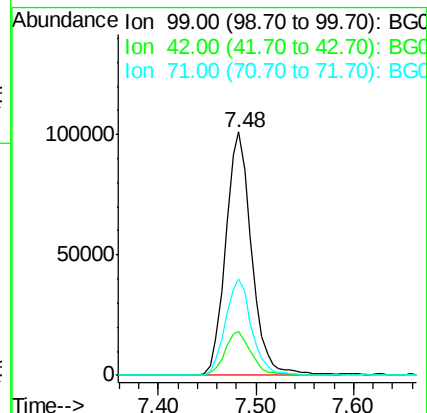
Tot Ion: 99 Resp: 186087

Ion Ratio Lower Upper

99 100

42 17.8 20.5 30.7#

71 39.7 37.6 56.4



#10

Phenol

Concen: 2.273 ng

RT: 7.51 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

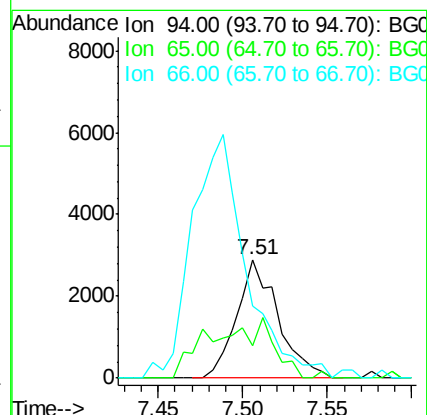
Tgt Ion: 94 Resp: 4929

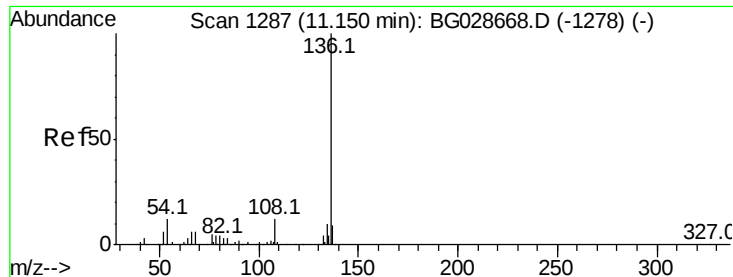
Ion Ratio Lower Upper

94 100

65 27.5 20.6 60.6

66 61.0 35.5 75.5

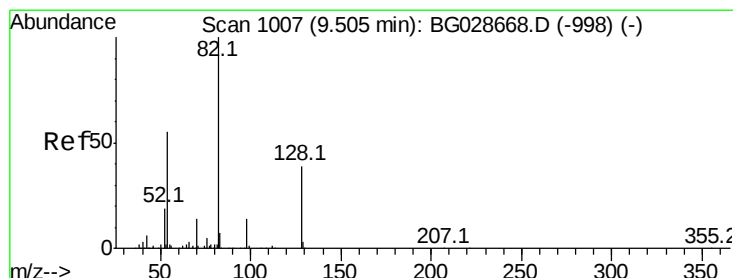
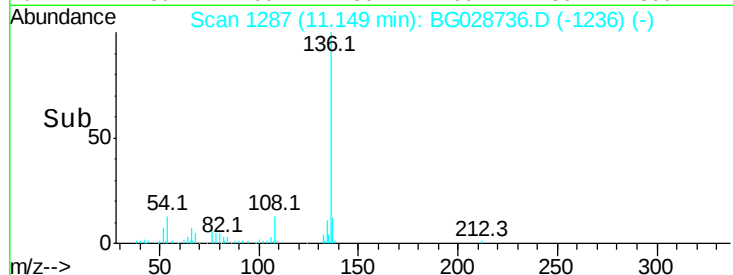
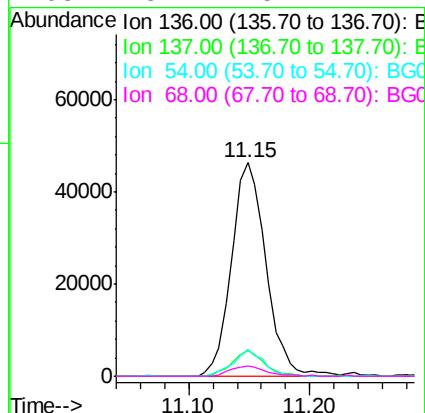
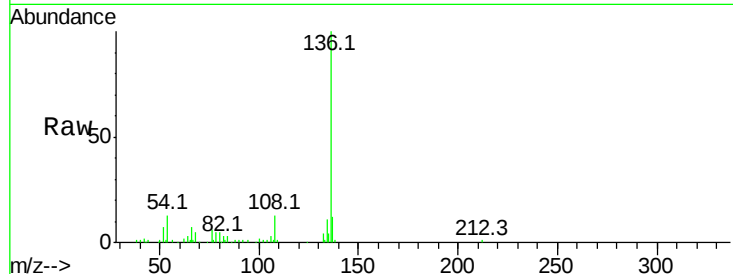




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

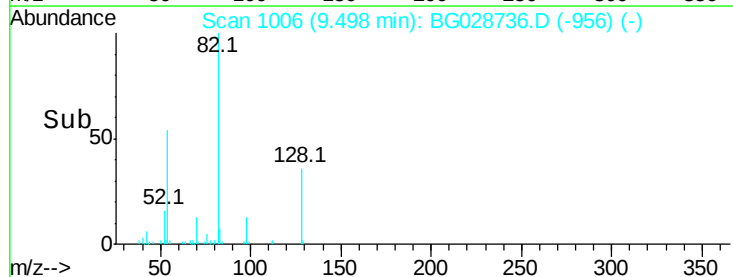
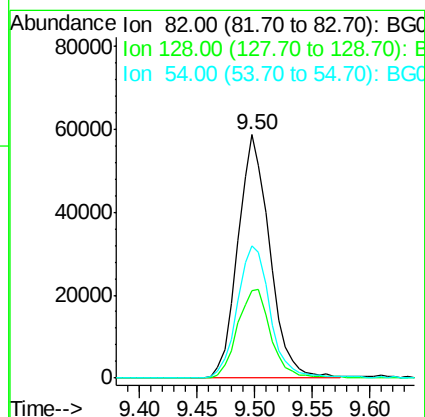
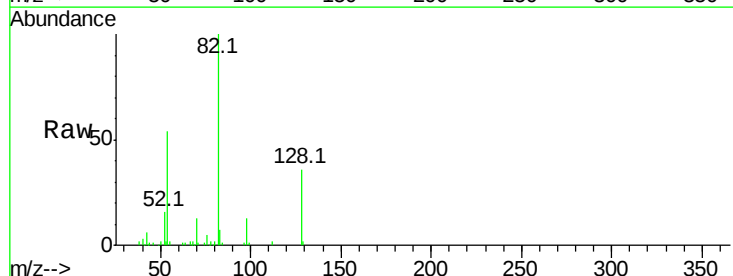
Instrument :
BNA_G
ClientSampleId :
20170606-COMP-C

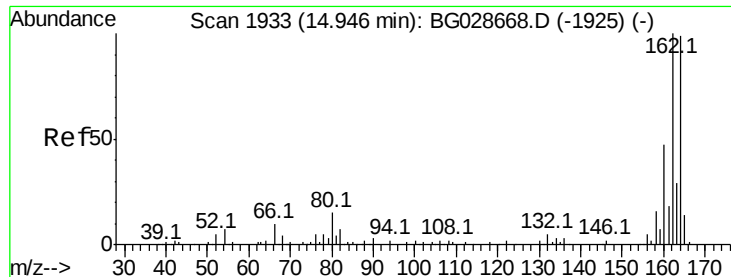
Tot Ion:	136	Resp:	92507
Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	12.5	9.3	13.9
68	5.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 58.026 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion:	82	Resp:	112209
Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.4	39.6
54	54.3	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

20170606-COMP-C

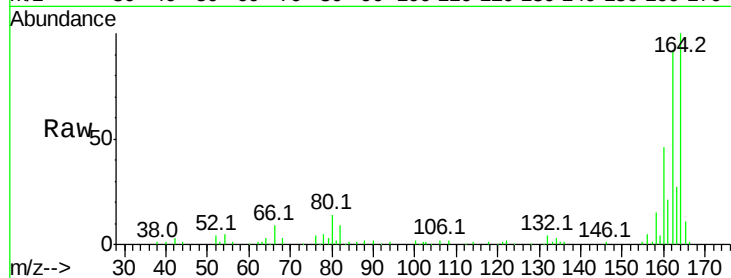
Tot Ion:164 Resp: 76863

Ion Ratio Lower Upper

164 100

162 92.5 85.1 127.7

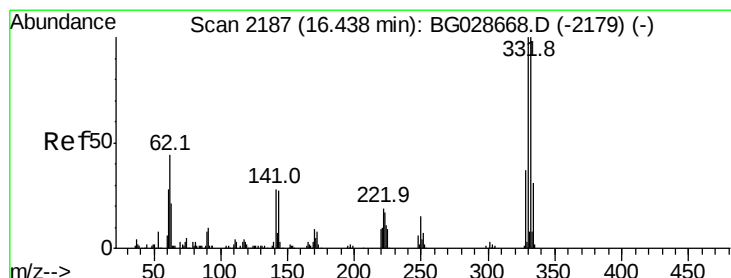
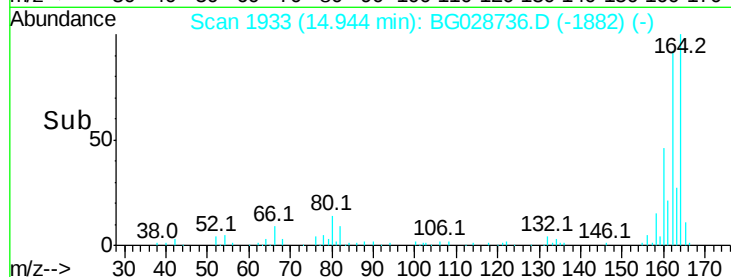
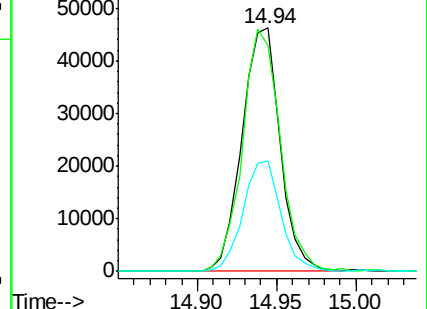
160 45.6 34.7 52.1



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: 110.568 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

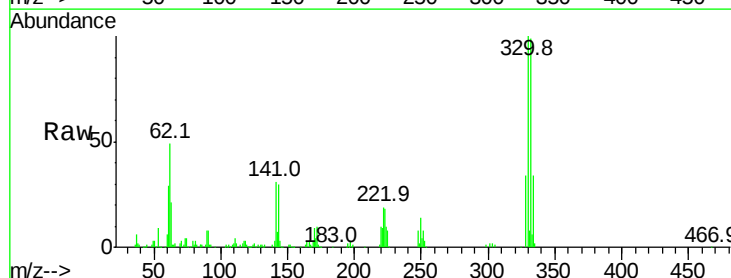
Tgt Ion:330 Resp: 140561

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

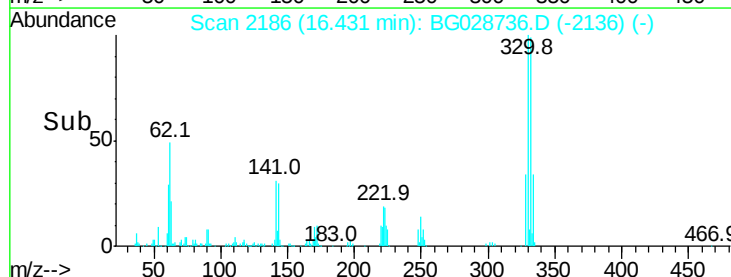
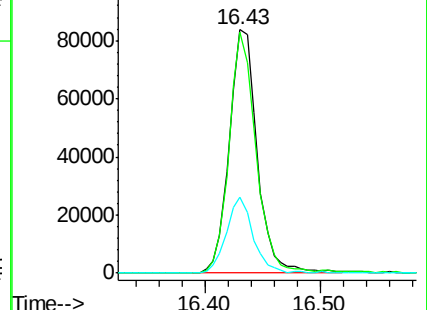
141 30.3 32.1 48.1#

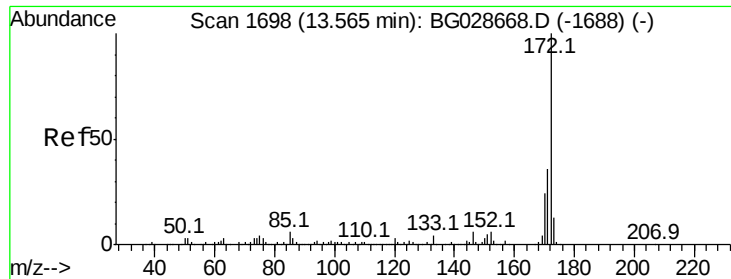


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

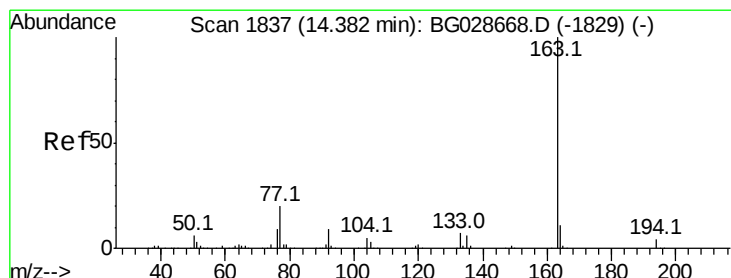
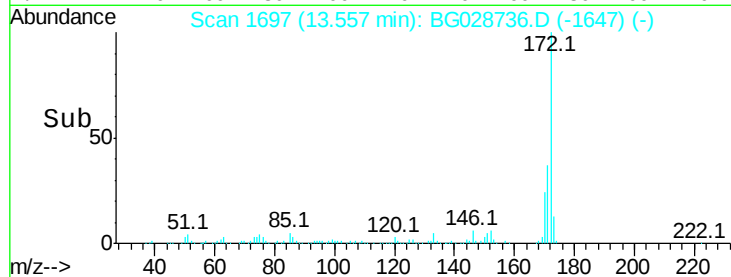
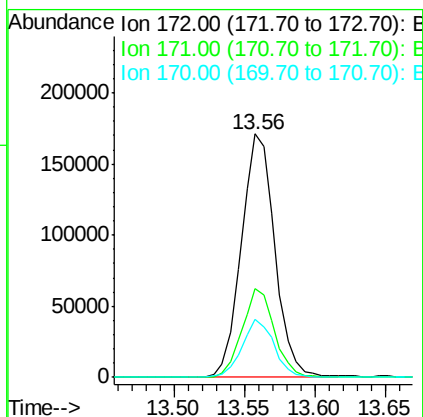
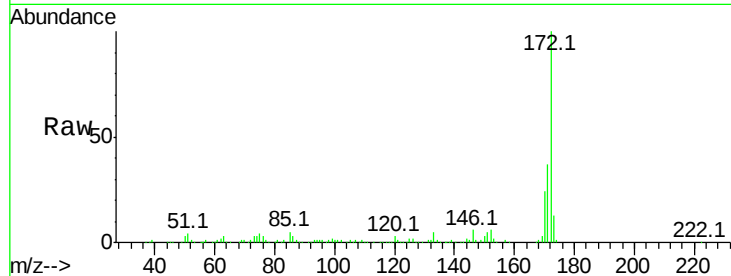




#44
2-Fluorobiphenyl
Concen: 49.317 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

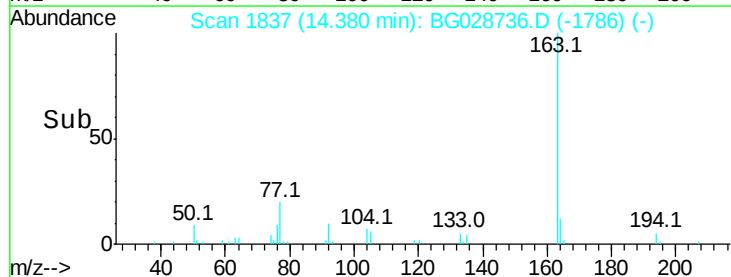
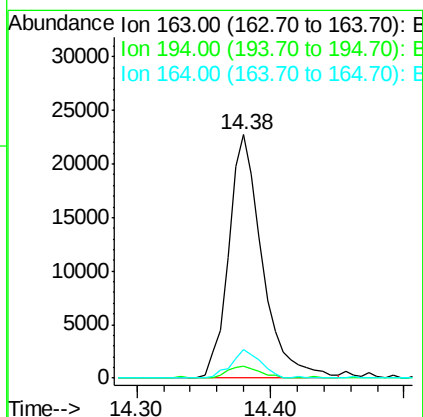
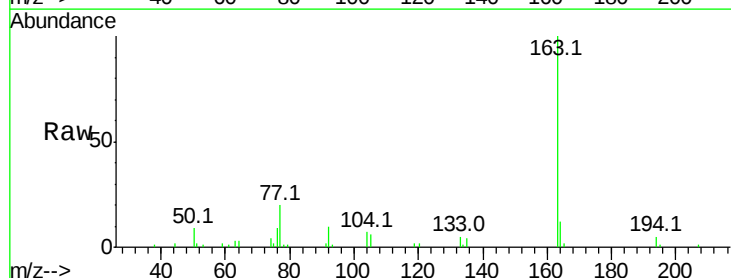
Instrument :
BNA_G
ClientSampleId :
20170606-COMP-C

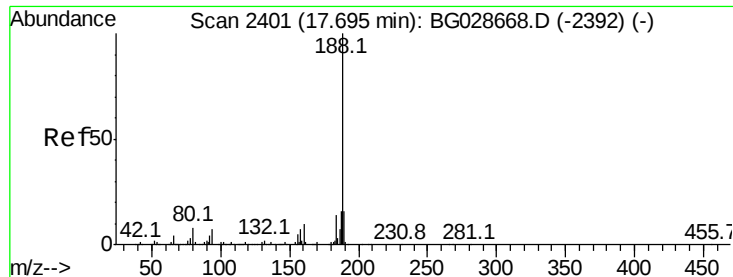
Tot Ion:172 Resp: 284282
Ion Ratio Lower Upper
172 100
171 36.6 32.2 48.2
170 23.7 21.8 32.6



#49
Dimethylphthalate
Concen: 6.181 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028736.D
Acq: 14 Sep 2017 17:21

Tgt Ion:163 Resp: 39841
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 11.7 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

Instrument :

BNA_G

ClientSampleId :

20170606-COMP-C

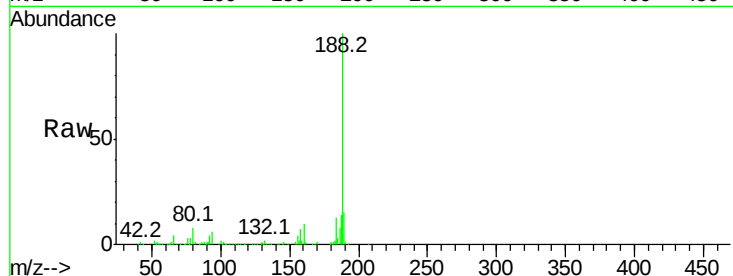
Tot Ion:188 Resp: 243888

Ion Ratio Lower Upper

188 100

94 6.0 5.8 8.8

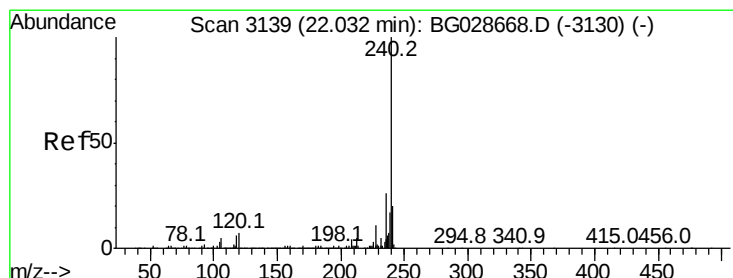
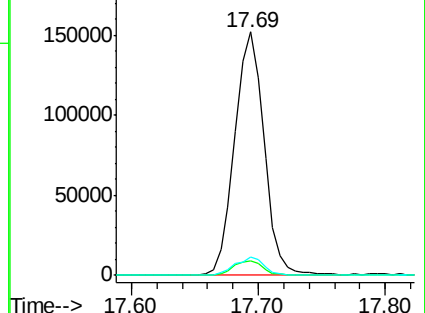
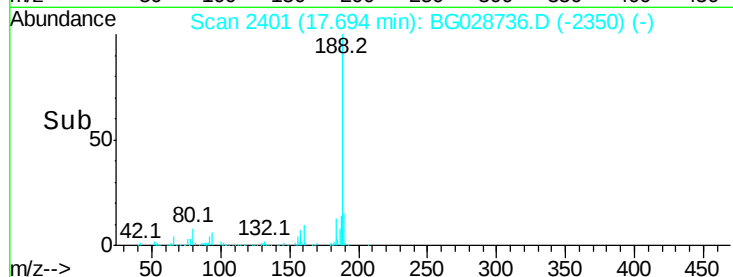
80 7.6 7.5 11.3



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: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

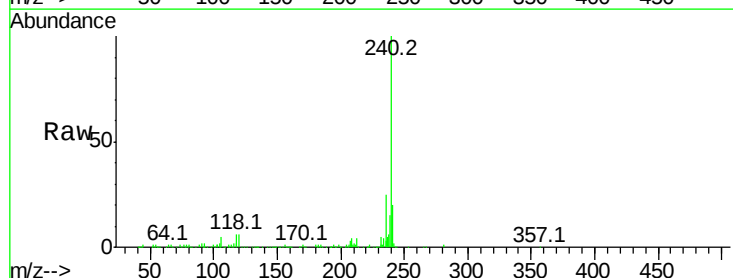
Tgt Ion:240 Resp: 279899

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

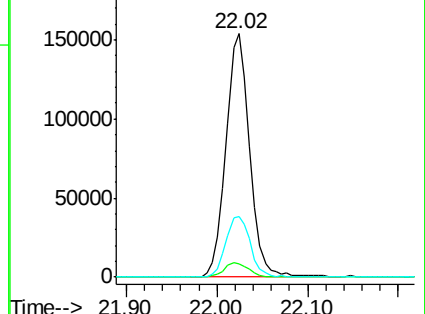
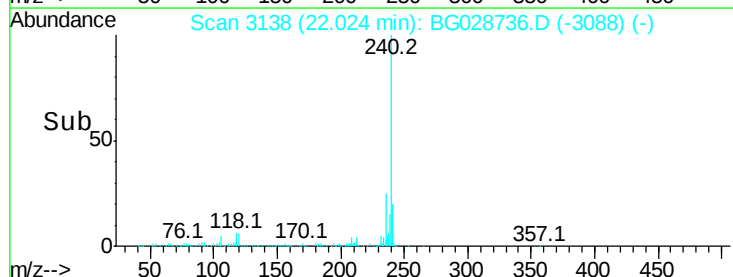
236 24.8 22.2 33.4

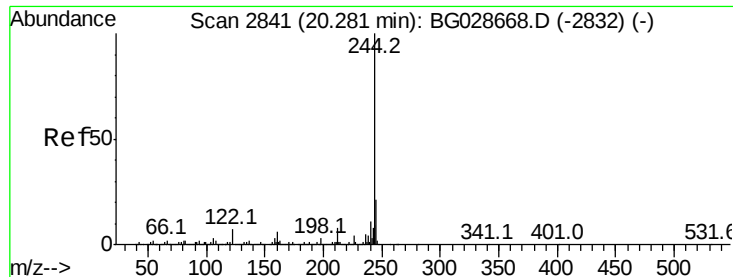


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.374 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

Instrument :

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ClientSampleId :

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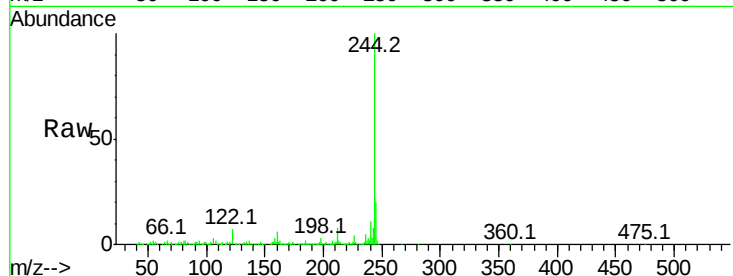
Tot Ion:244 Resp: 608664

Ion Ratio Lower Upper

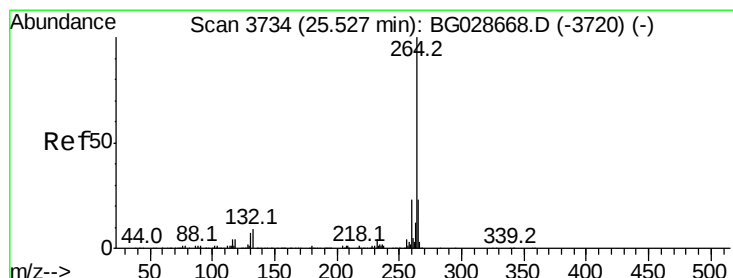
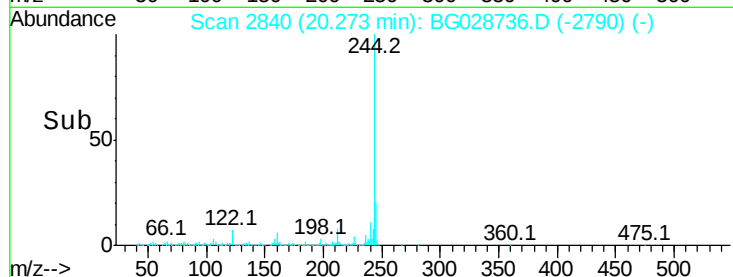
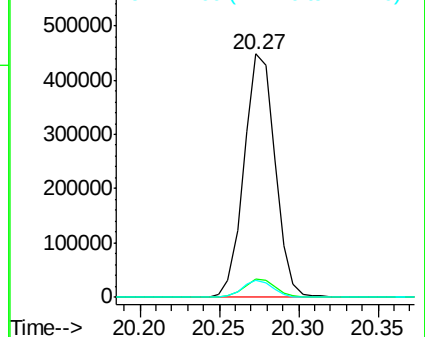
244 100

212 7.7 10.0 15.0#

122 7.1 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: 25.53 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BG028736.D

Acq: 14 Sep 2017 17:21

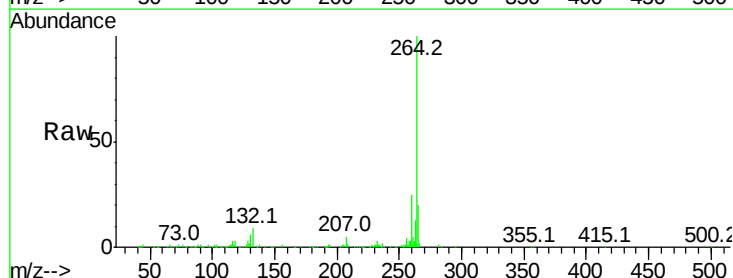
Tgt Ion:264 Resp: 284017

Ion Ratio Lower Upper

264 100

260 24.9 21.8 32.8

265 20.4 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

