

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070217\
 Data File : BG027821.D
 Acq On : 2 Jul 2017 16:33
 Operator : SJ/JU
 Sample : I3974-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-04-062817

Quant Time: Jul 03 08:07:24 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	27006	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	132361	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	83182	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	208773	20.00	ng	0.00
75) Chrysene-d12	22.17	240	211402	20.00	ng	0.00
86) Perylene-d12	25.80	264	172217	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	226157	128.96	ng	0.00
7) Phenol-d6	7.62	99	283251	105.72	ng	0.00
23) Nitrobenzene-d5	9.64	82	197092	83.00	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	187839	164.64	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	530565	91.09	ng	0.00
78) Terphenyl-d14	20.39	244	960347	106.50	ng	0.00

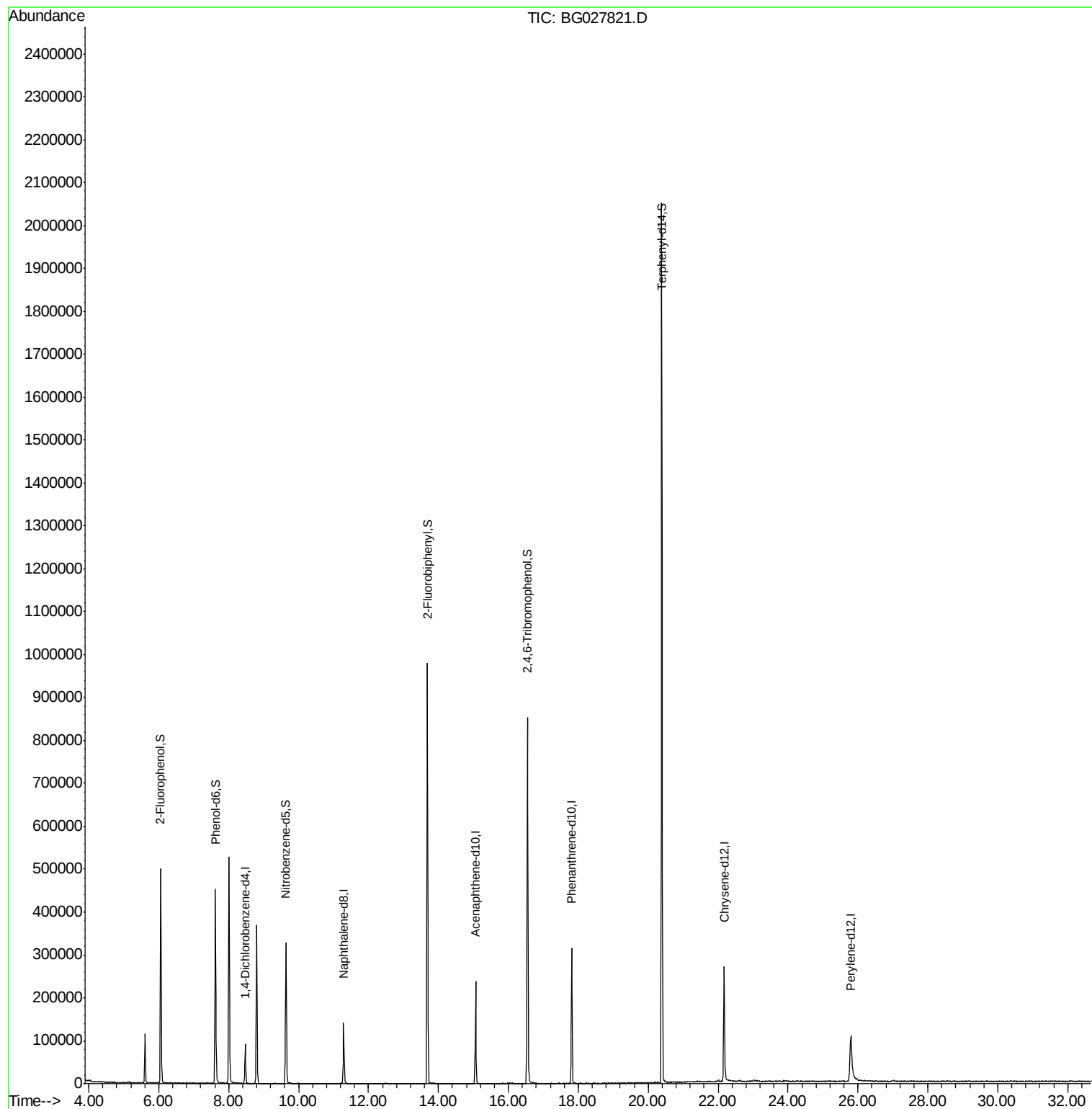
Target Compounds	Qvalue
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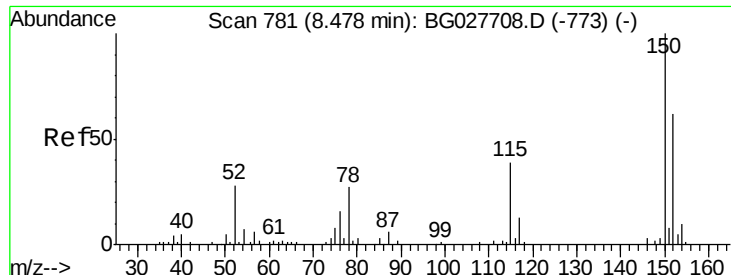
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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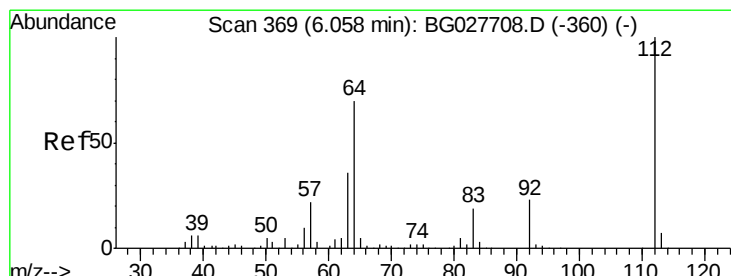
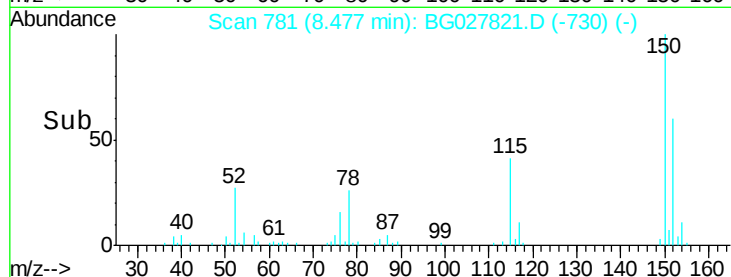
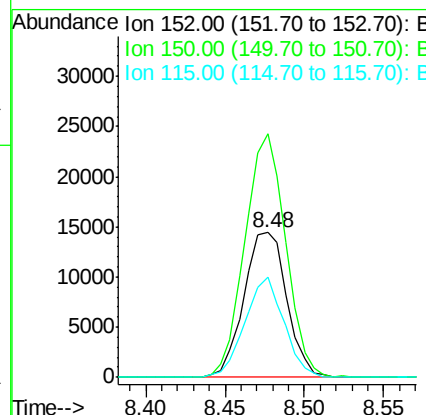
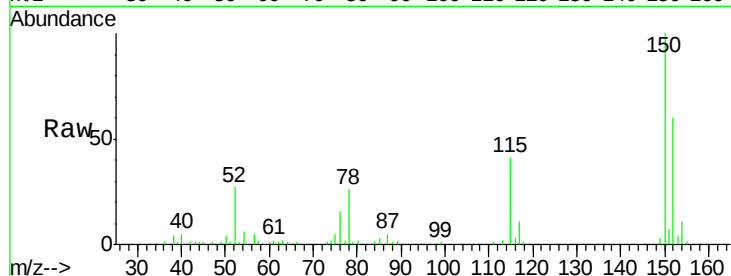




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.48 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BG027821.D
 Acq: 2 Jul 2017 16:33

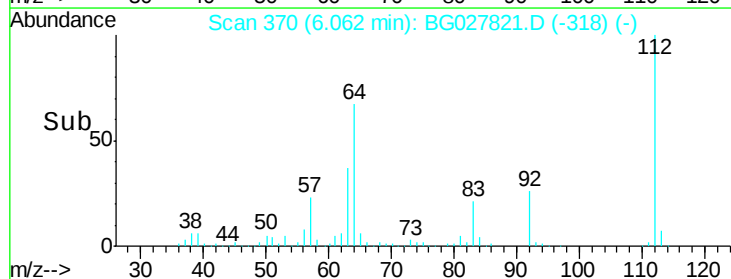
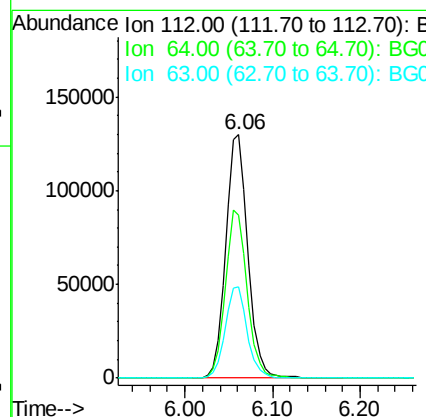
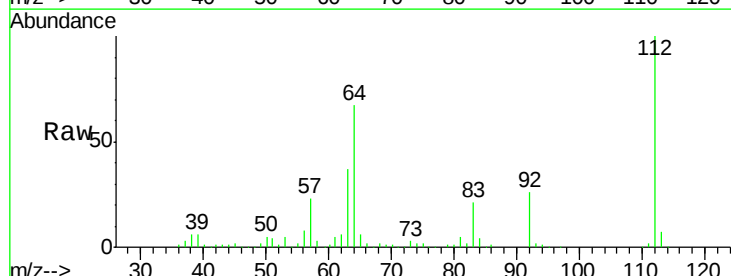
Instrument :
 BNA_G
 ClientSampleId :
 OK-04-062817

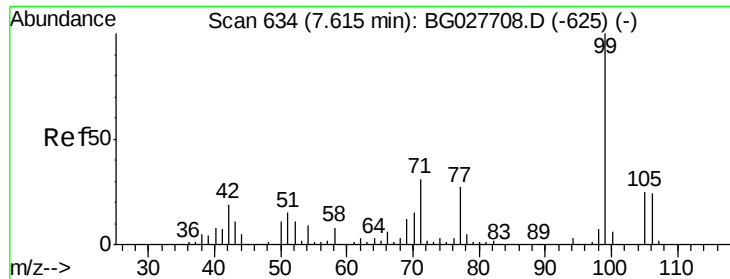
Tgt Ion:152 Resp: 27006
 Ion Ratio Lower Upper
 152 100
 150 168.0 114.0 171.0
 115 68.8 48.1 72.1



#5
 2-Fluorophenol
 Concen: 128.957 ng
 RT: 6.06 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BG027821.D
 Acq: 2 Jul 2017 16:33

Tgt Ion:112 Resp: 226157
 Ion Ratio Lower Upper
 112 100
 64 66.8 61.8 92.6
 63 37.4 37.2 55.8





#7

Phenol-d6

Concen: 105.723 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027821.D

Acq: 2 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

OK-04-062817

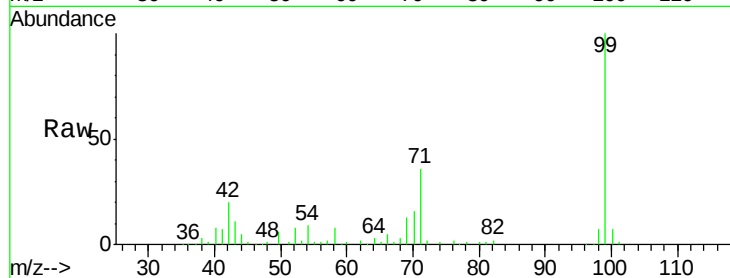
Tgt Ion: 99 Resp: 283251

Ion Ratio Lower Upper

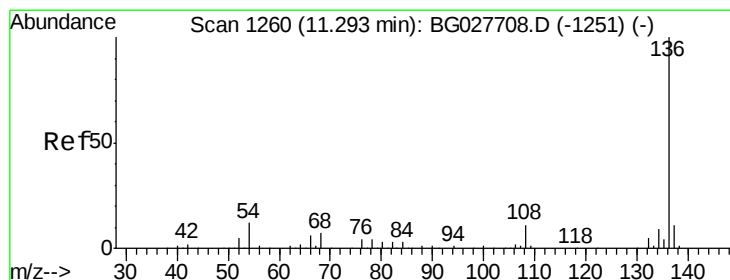
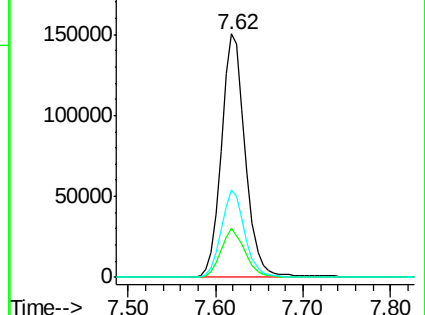
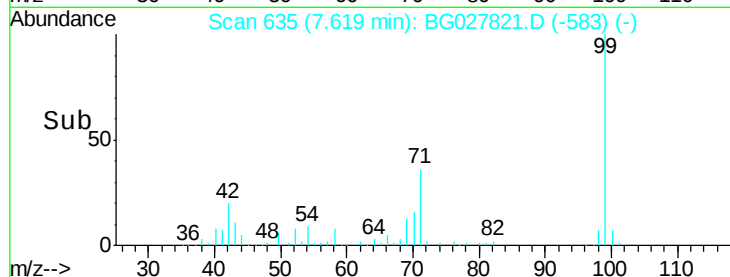
99 100

42 20.2 20.5 30.7#

71 35.9 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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027821.D

Acq: 2 Jul 2017 16:33

Tgt Ion: 136 Resp: 132361

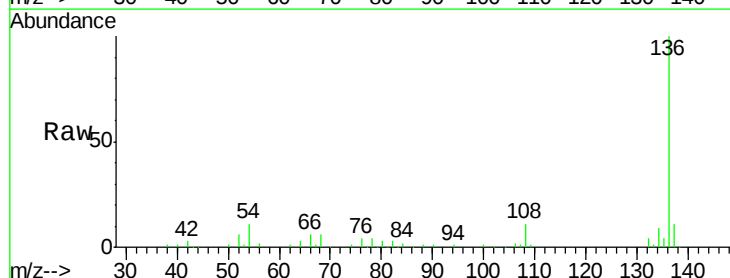
Ion Ratio Lower Upper

136 100

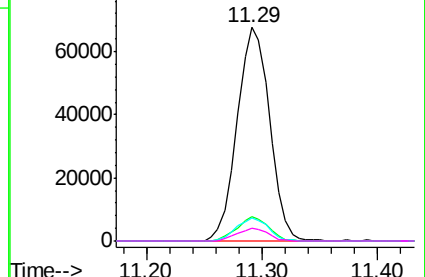
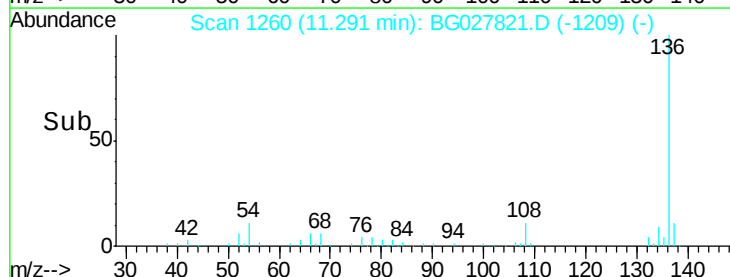
137 11.2 8.9 13.3

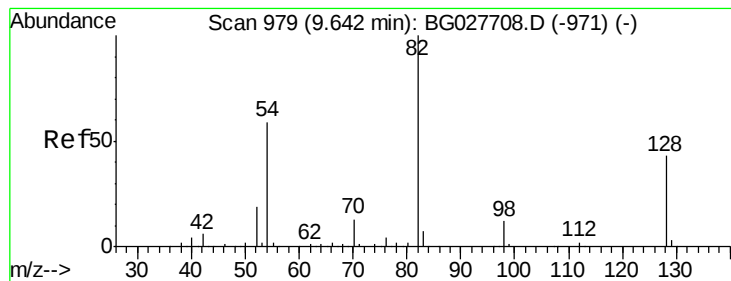
54 10.9 9.3 13.9

68 5.9 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: 83.001 ng

RT: 9.64 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG027821.D

Acq: 2 Jul 2017 16:33

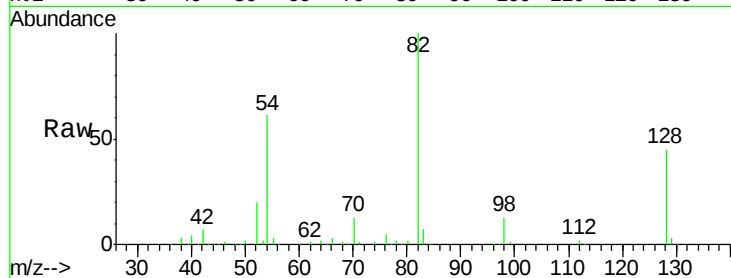
Instrument :

BNA_G

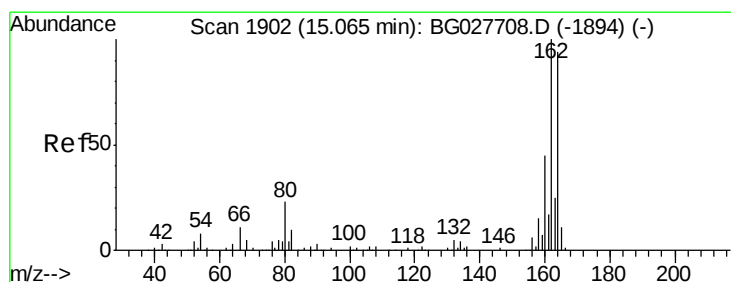
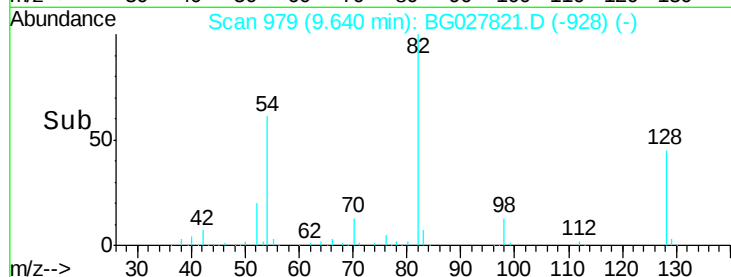
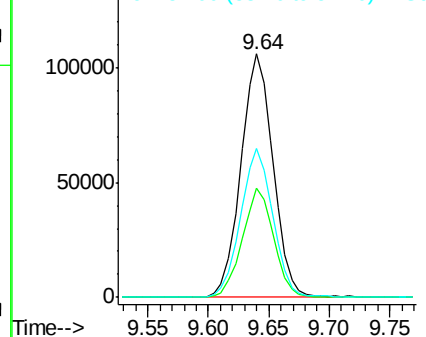
ClientSampleId :

OK-04-062817

Tgt Ion:	82	Resp:	197092
Ion	Ratio	Lower	Upper
82	100		
128	45.1	26.4	39.6#
54	61.3	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

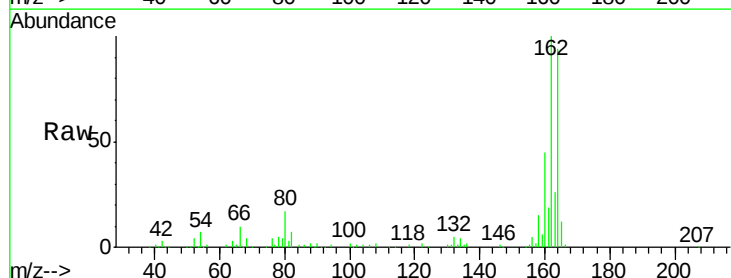
RT: 15.06 min Scan# 1902

Delta R.T. -0.00 min

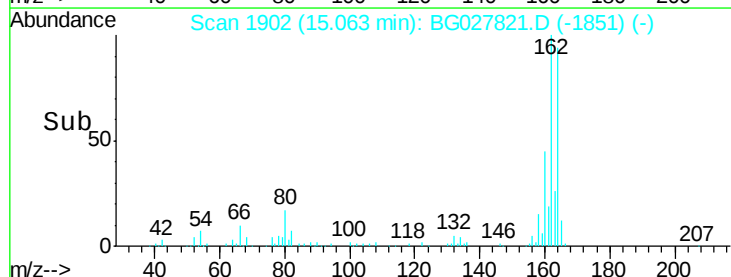
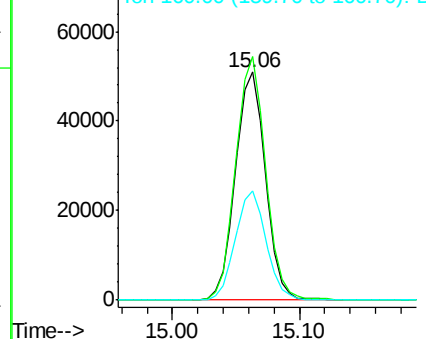
Lab File: BG027821.D

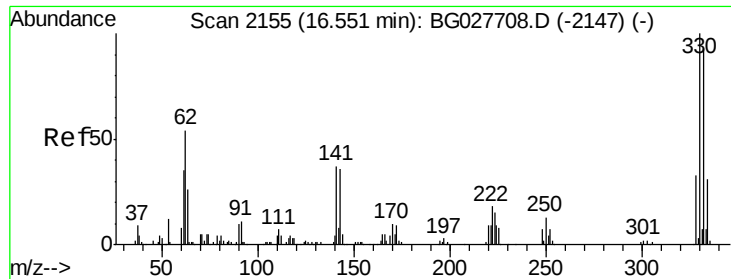
Acq: 2 Jul 2017 16:33

Tgt Ion:	164	Resp:	83182
Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.1	127.7
160	47.7	34.7	52.1



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





#41

2,4,6-Tribromophenol

Concen: 164.637 ng

RT: 16.55 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG027821.D

Acq: 2 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

OK-04-062817

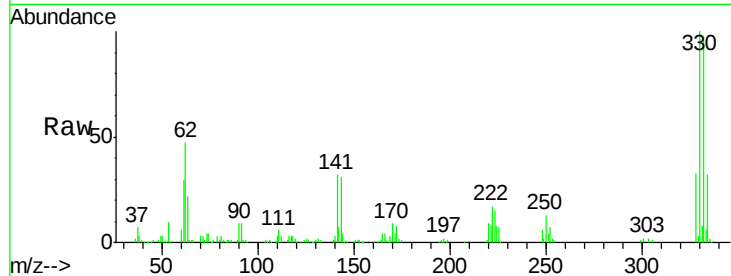
Tgt Ion:330 Resp: 187839

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

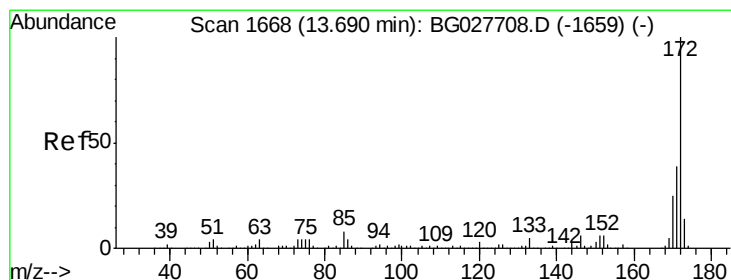
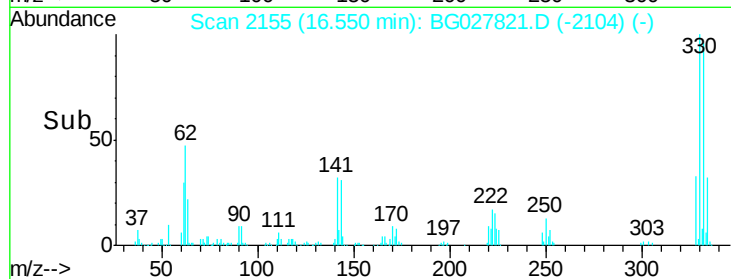
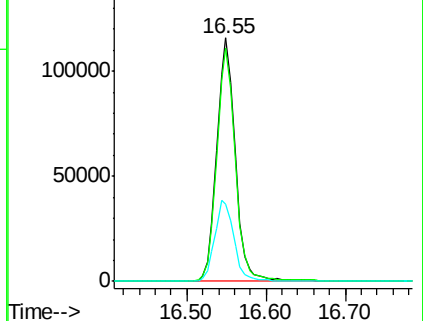
141 34.8 32.1 48.1



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: 91.094 ng

RT: 13.69 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG027821.D

Acq: 2 Jul 2017 16:33

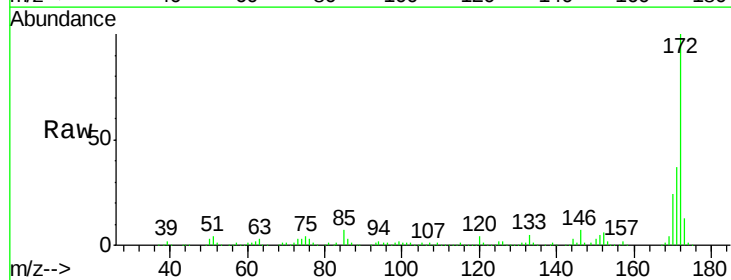
Tgt Ion:172 Resp: 530565

Ion Ratio Lower Upper

172 100

171 37.0 32.2 48.2

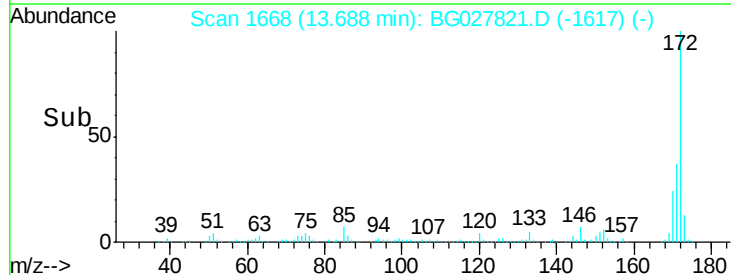
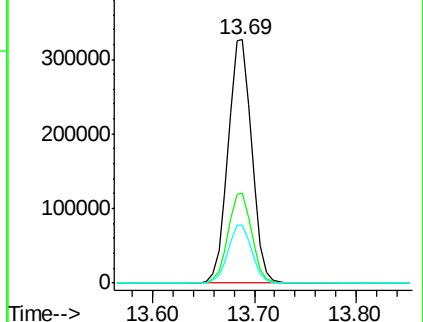
170 23.7 21.8 32.6

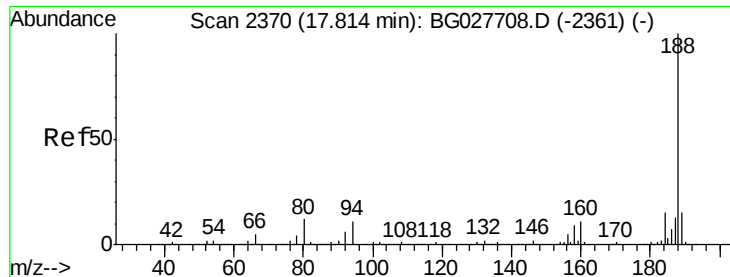


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

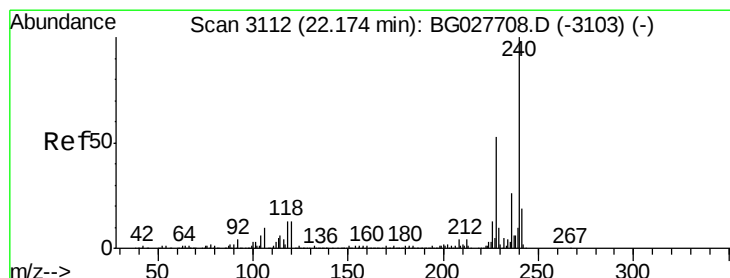
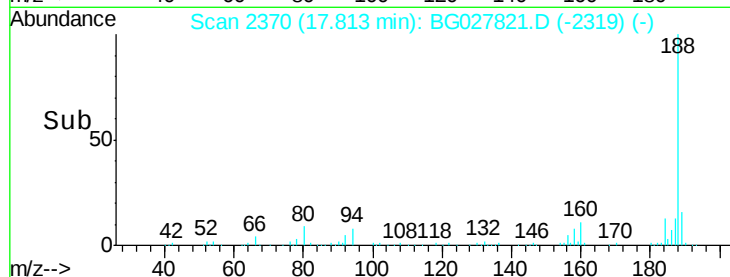
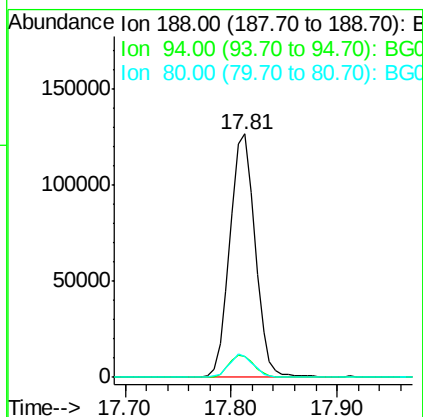
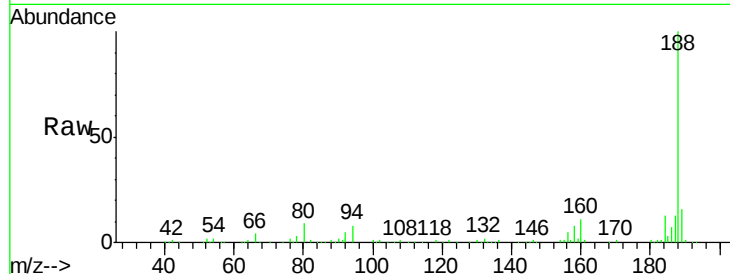




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027821.D
Acq: 2 Jul 2017 16:33

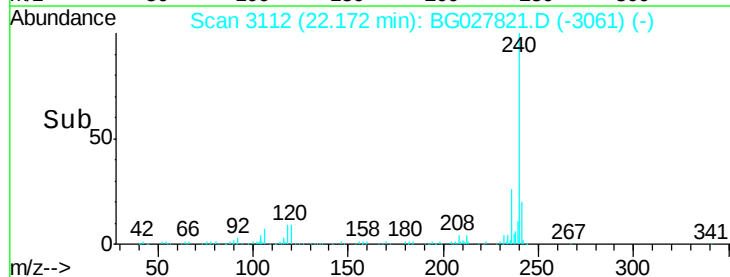
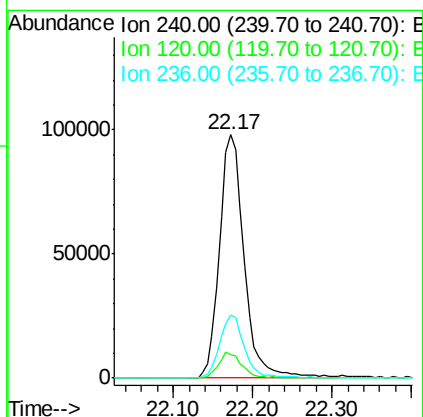
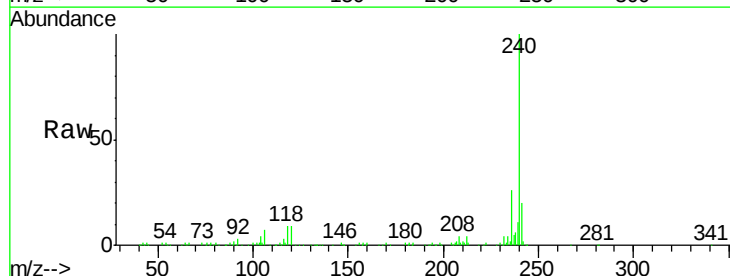
Instrument :
BNA_G
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OK-04-062817

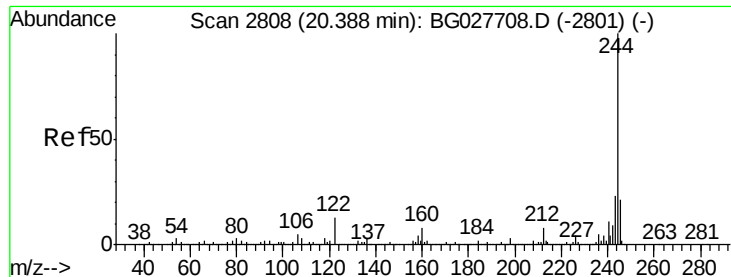
Tgt Ion:188 Resp: 208773
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.8
80 8.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027821.D
Acq: 2 Jul 2017 16:33

Tgt Ion:240 Resp: 211402
Ion Ratio Lower Upper
240 100
120 9.4 5.7 8.5#
236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 106.499 ng

RT: 20.39 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG027821.D

Acq: 2 Jul 2017 16:33

Instrument :

BNA_G

ClientSampleId :

OK-04-062817

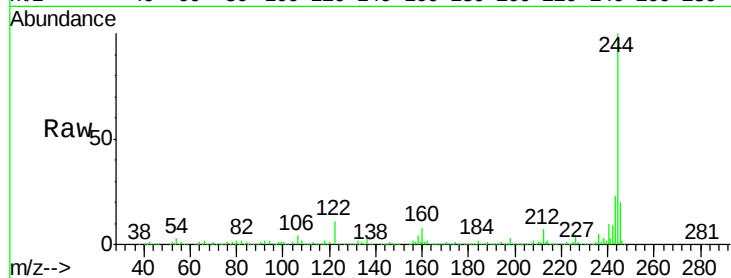
Tgt Ion:244 Resp: 960347

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

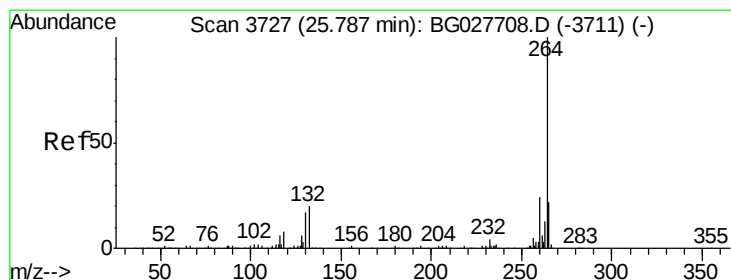
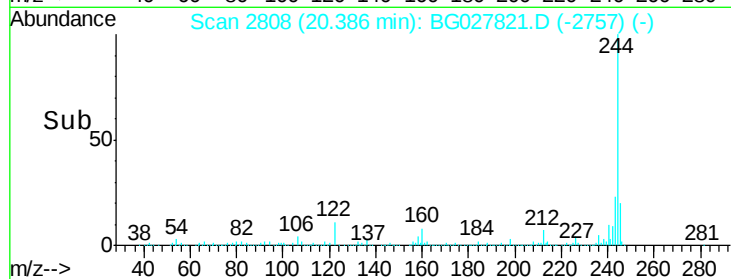
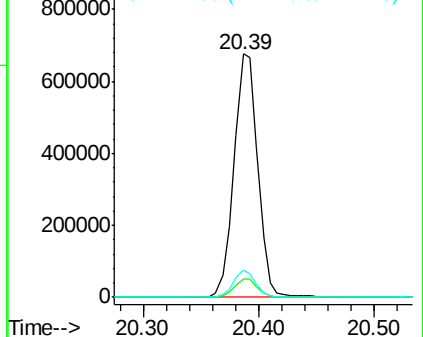
122 11.0 8.6 12.8



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: 20.000 ng

RT: 25.80 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG027821.D

Acq: 2 Jul 2017 16:33

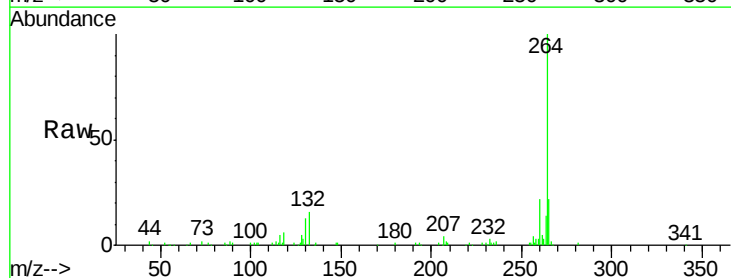
Tgt Ion:264 Resp: 172217

Ion Ratio Lower Upper

264 100

260 22.2 21.8 32.8

265 22.4 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

