

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027687.D
 Acq On : 26 Jun 2017 23:06
 Operator : SJ/JU
 Sample : I3912-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062317

Quant Time: Jun 27 02:12:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	13426	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	59224	20.00	ng	-0.03
38) Acenaphthene-d10	15.07	164	39464	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	128630	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	147020	20.00	ng	-0.03
86) Perylene-d12	25.80	264	140846	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	124558	132.04	ng	-0.01
7) Phenol-d6	7.63	99	146022	104.56	ng	-0.01
23) Nitrobenzene-d5	9.65	82	124577	99.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	121110	205.85	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	292563	101.27	ng	-0.02
78) Terphenyl-d14	20.40	244	716082	114.76	ng	-0.02

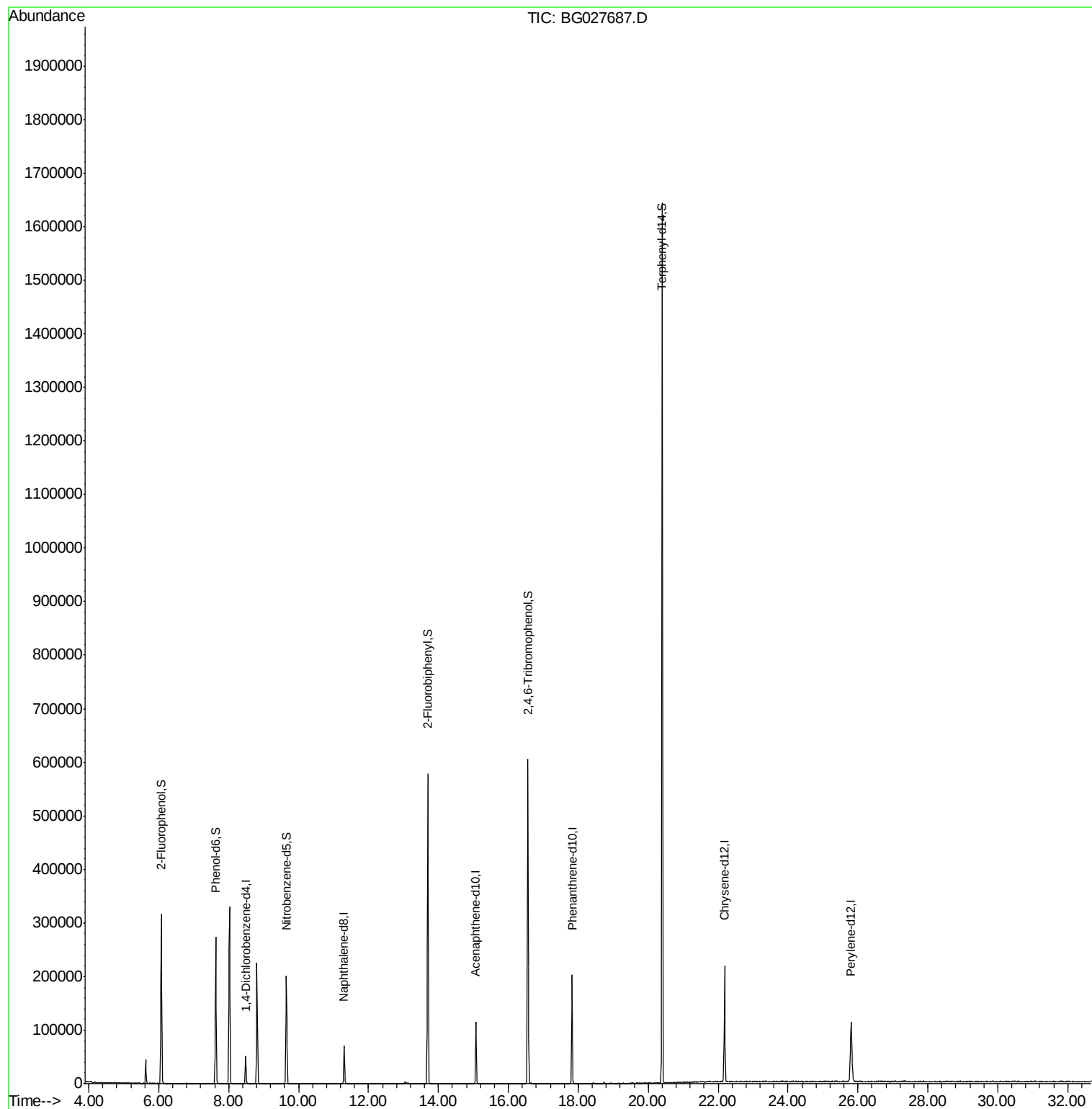
Target Compounds Qvalue

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

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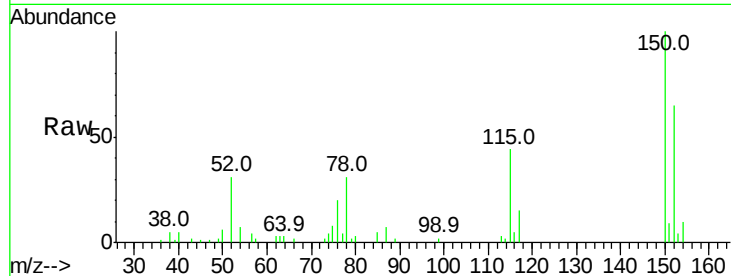


#1

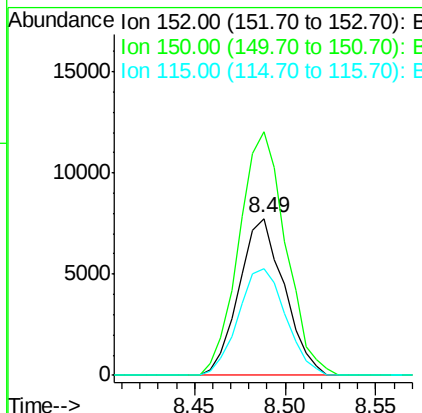
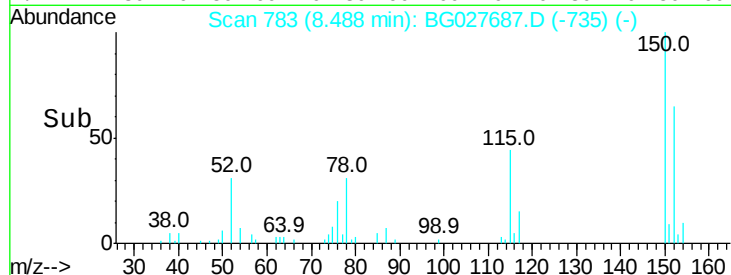
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BG027687.D
 Acq: 26 Jun 2017 23:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062317

Tot Ion:152 Resp: 13426
 Ion Ratio Lower Upper
 152 100
 150 154.9 114.0 171.0
 115 67.6 48.1 72.1



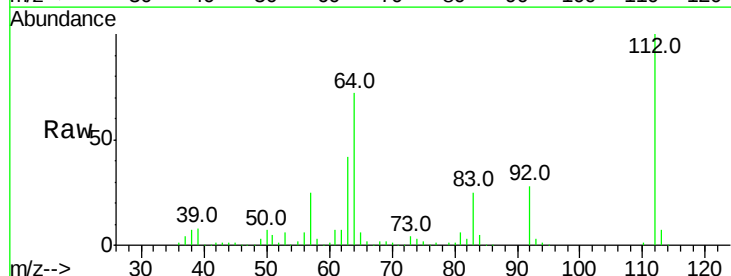
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



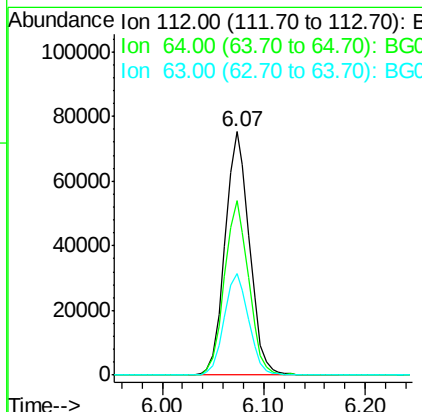
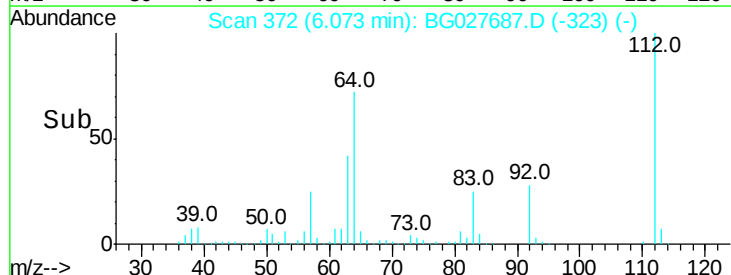
#5

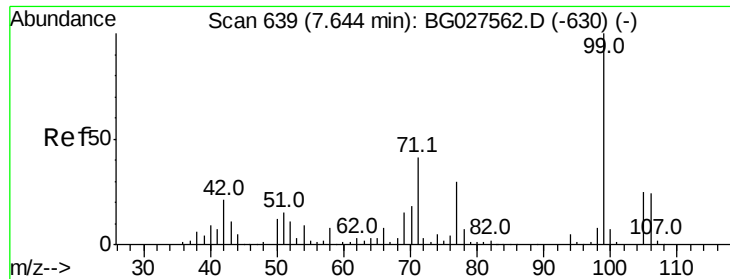
2-Fluorophenol
 Concen: 132.04 ng
 RT: 6.07 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: BG027687.D
 Acq: 26 Jun 2017 23:06

Tgt Ion:112 Resp: 124558
 Ion Ratio Lower Upper
 112 100
 64 71.6 61.8 92.6
 63 41.7 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: 104.56 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

Instrument :

BNA_G

ClientSampleId :

OK-03-062317

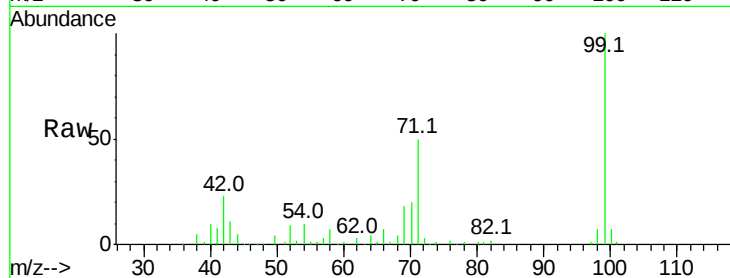
Tot Ion: 99 Resp: 146022

Ion Ratio Lower Upper

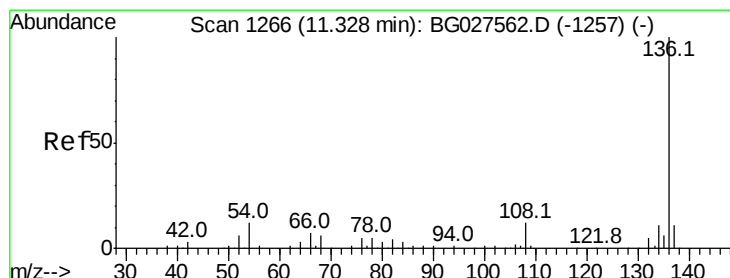
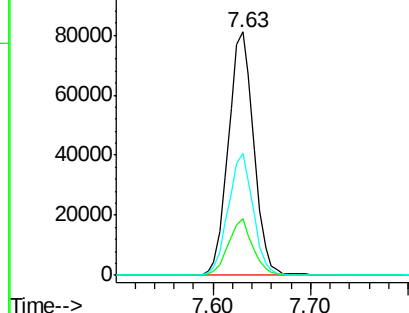
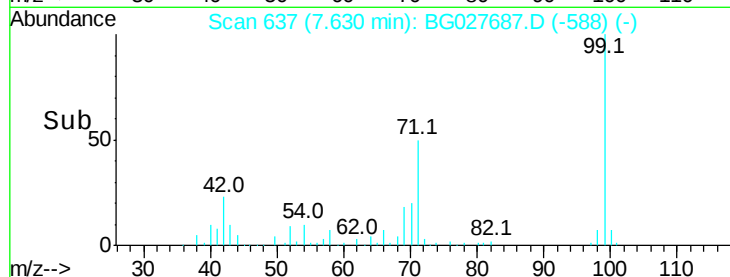
99 100

42 23.1 20.5 30.7

71 50.1 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: 11.30 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

Tgt Ion: 136 Resp: 59224

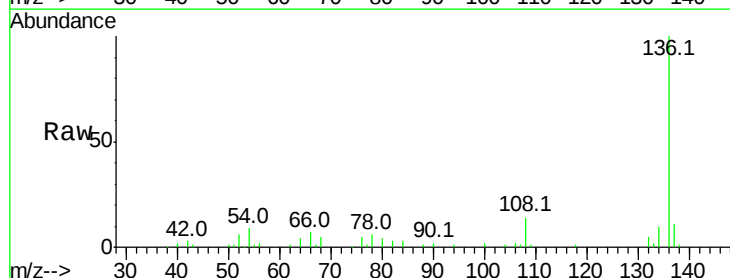
Ion Ratio Lower Upper

136 100

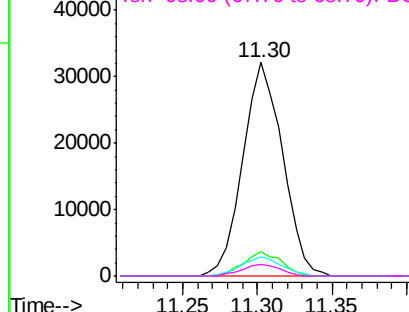
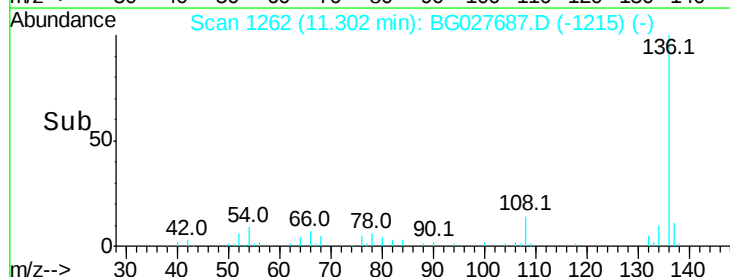
137 11.2 8.9 13.3

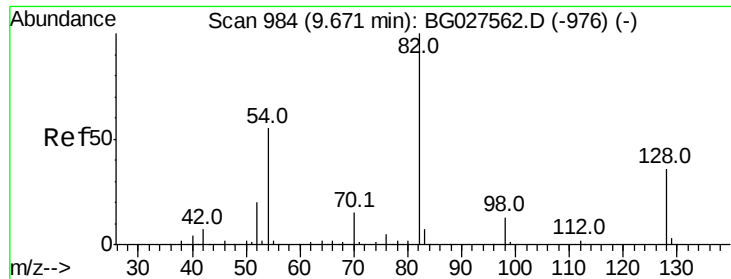
54 8.8 9.3 13.9#

68 5.3 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

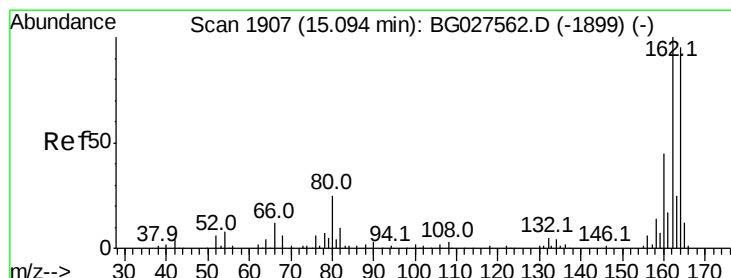
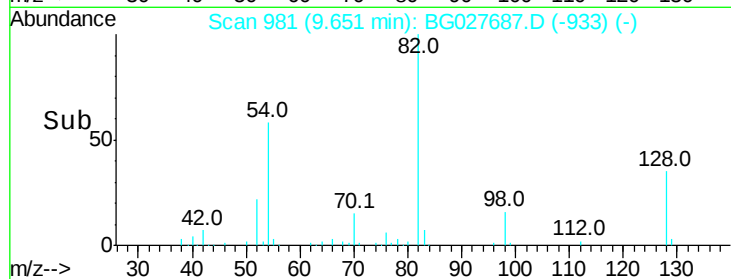
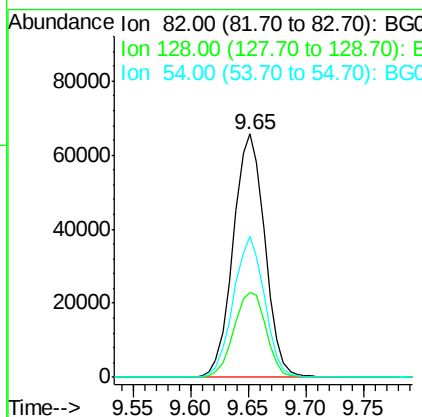
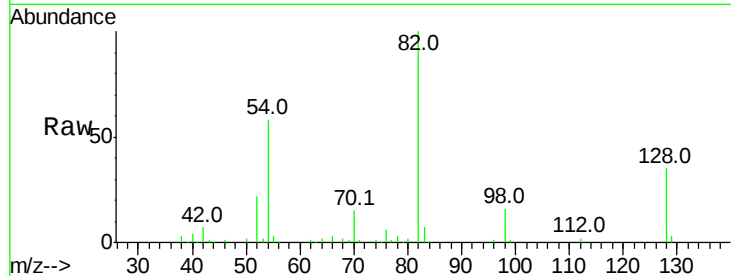




#23
 Nitrobenzene-d5
 Concen: 99.53 ng
 RT: 9.65 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG027687.D
 Acq: 26 Jun 2017 23:06

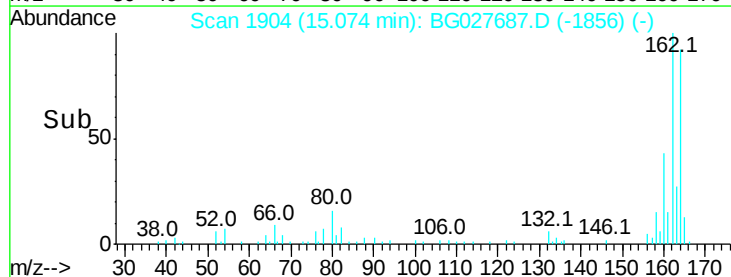
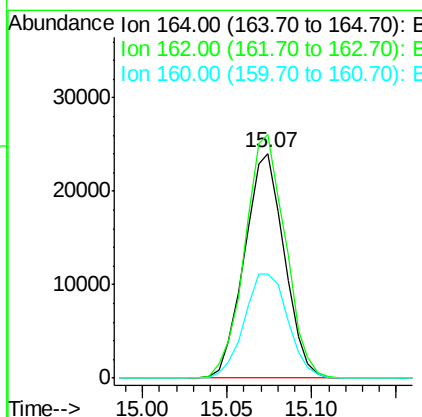
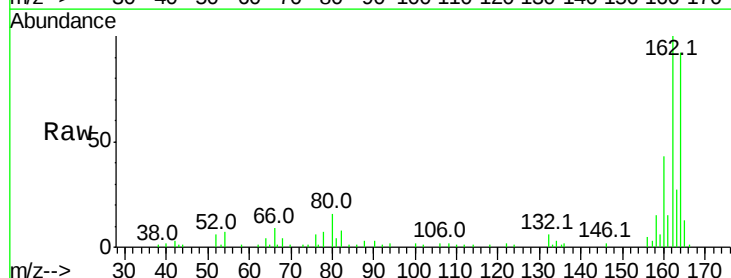
Instrument :
 BNA_G
 ClientSampleId :
 OK-03-062317

Tot Ion	82	Resp	124577
Ion	Ratio	Lower	Upper
82	100		
128	35.1	26.4	39.6
54	58.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BG027687.D
 Acq: 26 Jun 2017 23:06

Tgt Ion	164	Resp	39464
Ion	Ratio	Lower	Upper
164	100		
162	108.5	85.1	127.7
160	46.6	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 205.85 ng

RT: 16.56 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

Instrument :

BNA_G

ClientSampleId :

OK-03-062317

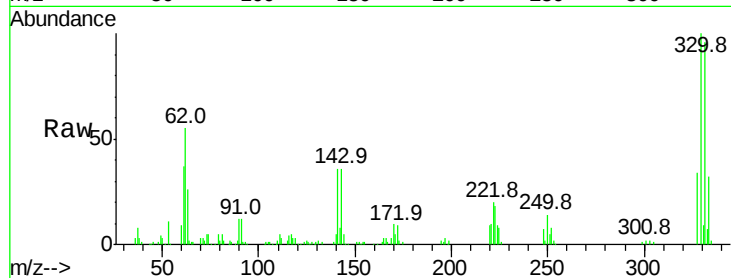
Tot Ion:330 Resp: 121110

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

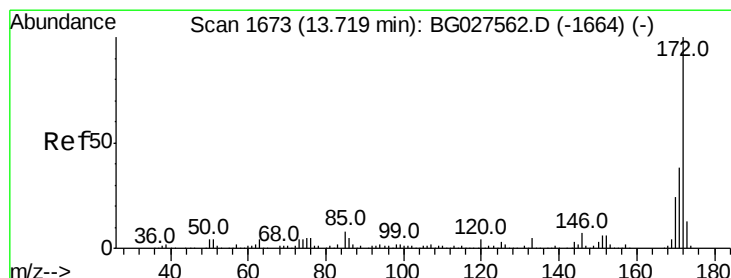
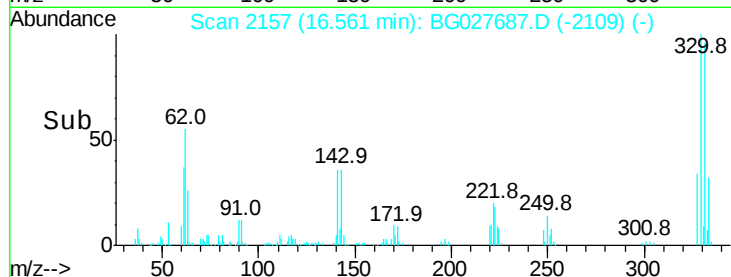
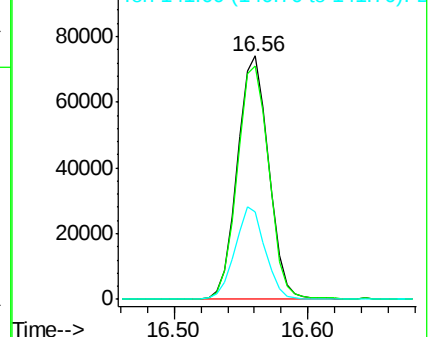
141 36.8 32.1 48.1



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: 101.27 ng

RT: 13.70 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

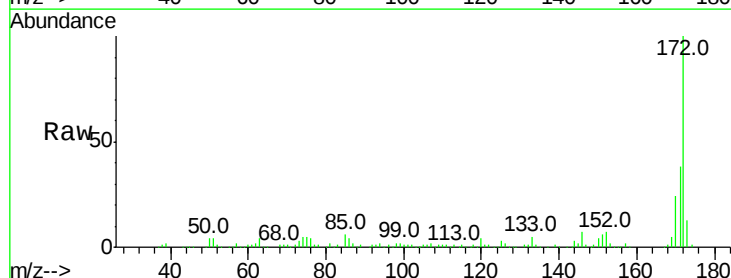
Tgt Ion:172 Resp: 292563

Ion Ratio Lower Upper

172 100

171 37.5 32.2 48.2

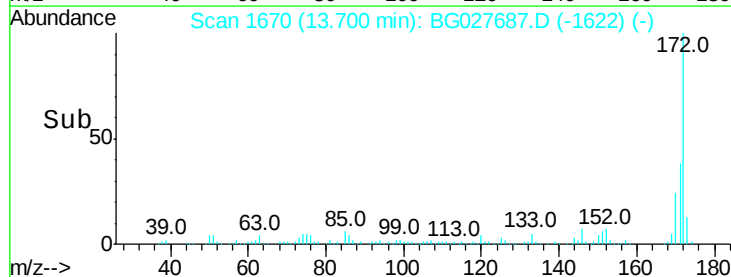
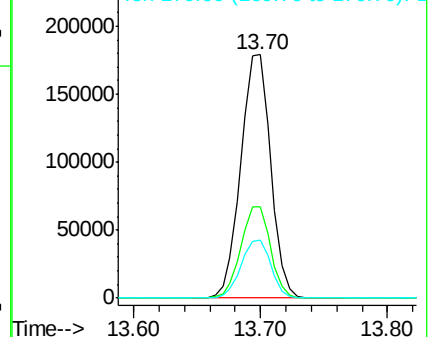
170 23.6 21.8 32.6

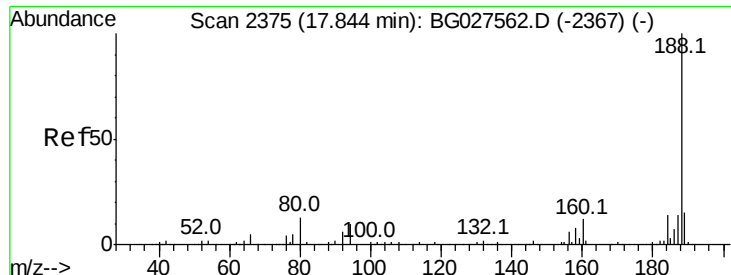


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.82 min Scan# 2372

Delta R.T. -0.02 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

Instrument :

BNA_G

ClientSampleId :

OK-03-062317

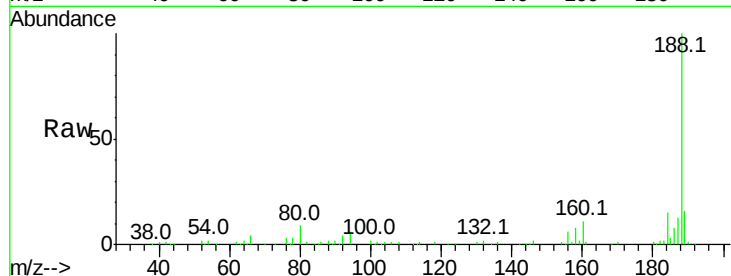
Tot Ion:188 Resp: 128630

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

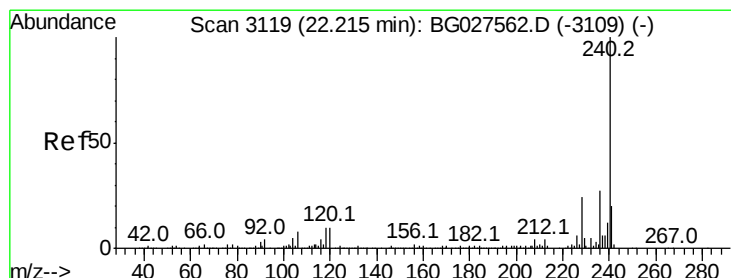
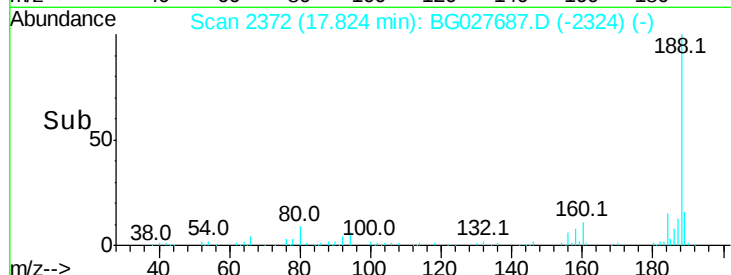
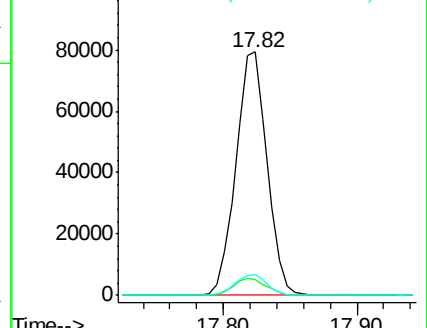
80 8.7 7.5 11.3



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: 20.00 ng

RT: 22.18 min Scan# 3114

Delta R.T. -0.03 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

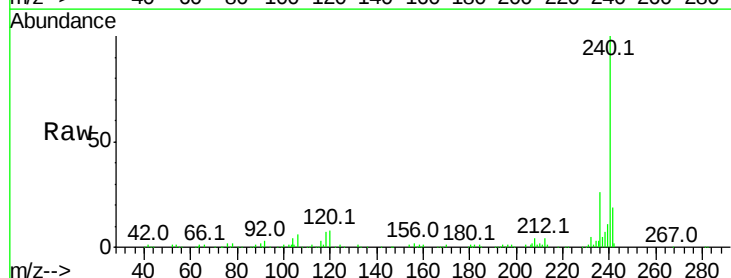
Tgt Ion:240 Resp: 147020

Ion Ratio Lower Upper

240 100

120 7.9 5.7 8.5

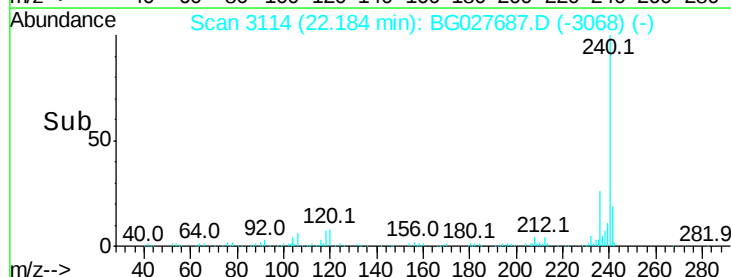
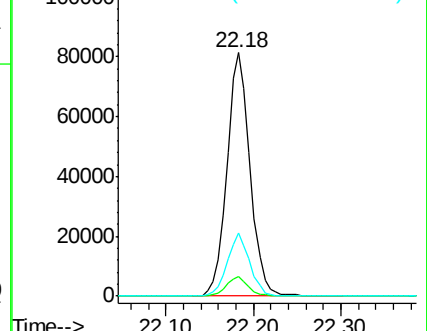
236 25.9 22.2 33.4

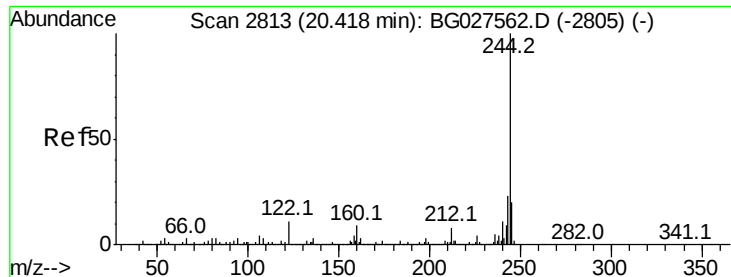


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 114.76 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

Instrument :

BNA_G

ClientSampleId :

OK-03-062317

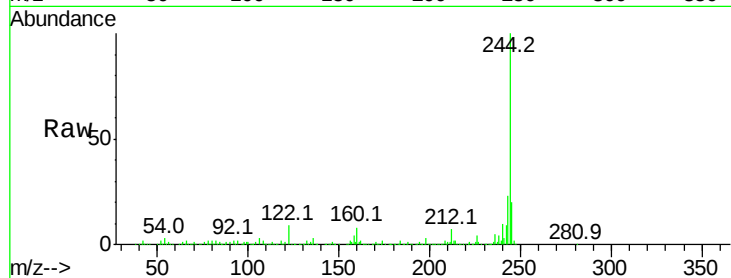
Tot Ion:244 Resp: 716082

Ion Ratio Lower Upper

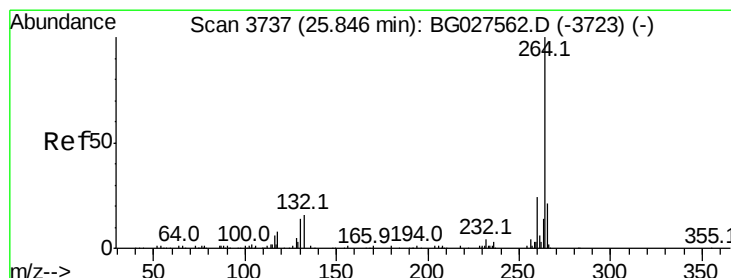
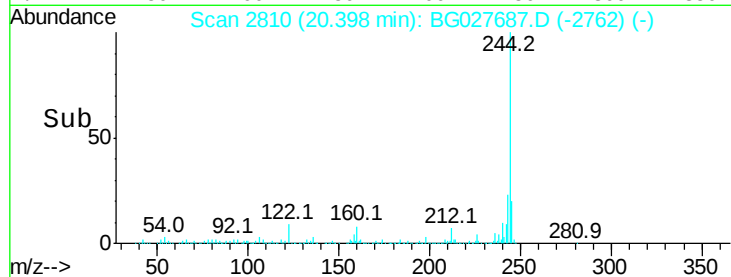
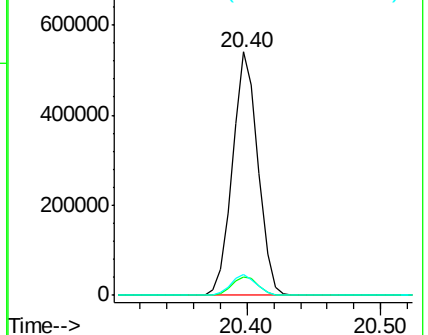
244 100

212 7.5 10.0 15.0#

122 8.7 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: 20.00 ng

RT: 25.80 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG027687.D

Acq: 26 Jun 2017 23:06

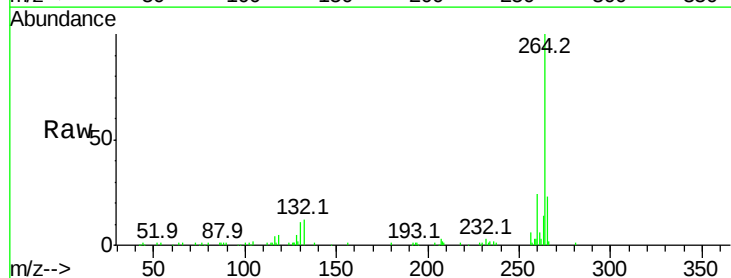
Tgt Ion:264 Resp: 140846

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 23.5 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

