

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027642.D
 Acq On : 23 Jun 2017 22:31
 Operator : SJ/JU
 Sample : I3743-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FNDFL-PLUM-061417-COMP

Quant Time: Jun 24 01:27:13 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

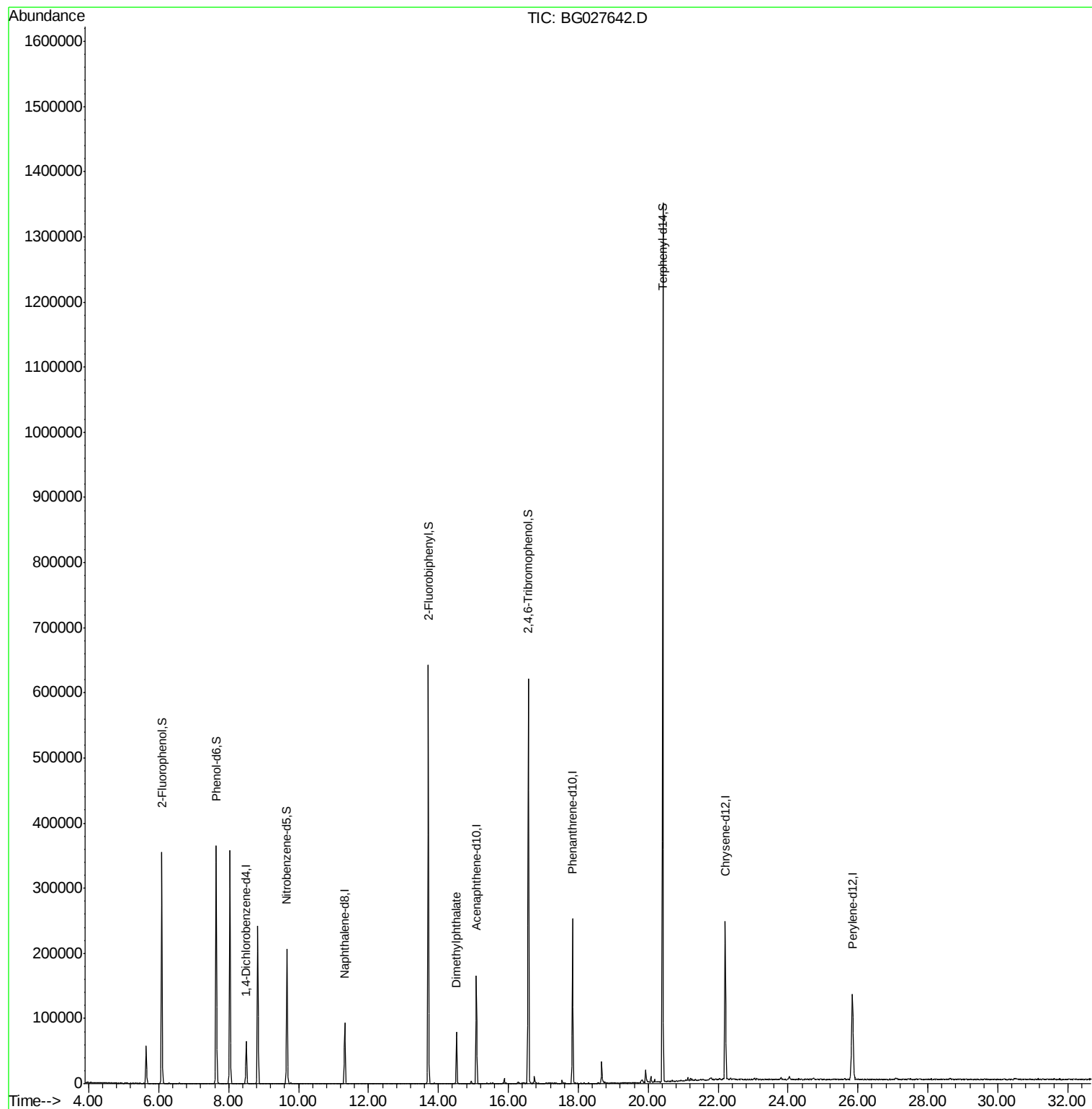
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	17571	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	81434	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	54923	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	157224	20.00	ng	0.00
75) Chrysene-d12	22.20	240	170675	20.00	ng	-0.01
86) Perylene-d12	25.84	264	166260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	143842	116.51	ng	0.00
7) Phenol-d6	7.64	99	207133	113.33	ng	0.00
23) Nitrobenzene-d5	9.66	82	132981	77.27	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	118621	144.87	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	307708	76.53	ng	0.00
78) Terphenyl-d14	20.42	244	611763	84.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.52	163	49759	10.35	ng	Qvalue # 95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG027642.D

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BNA_G

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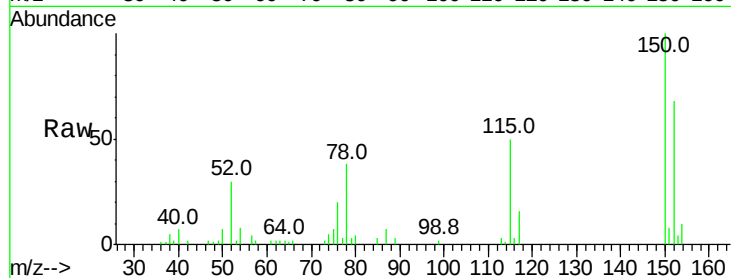
Tot Ion:152 Resp: 17571

Ion Ratio Lower Upper

152 100

150 147.9 114.0 171.0

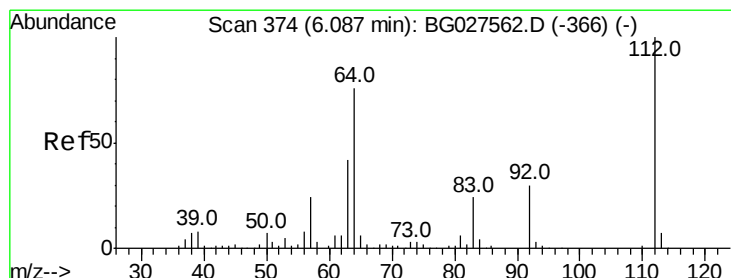
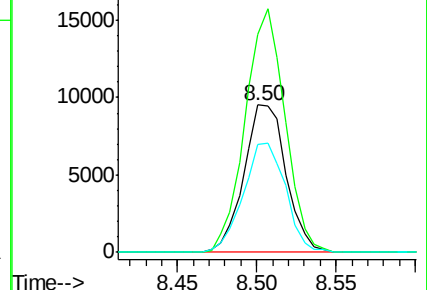
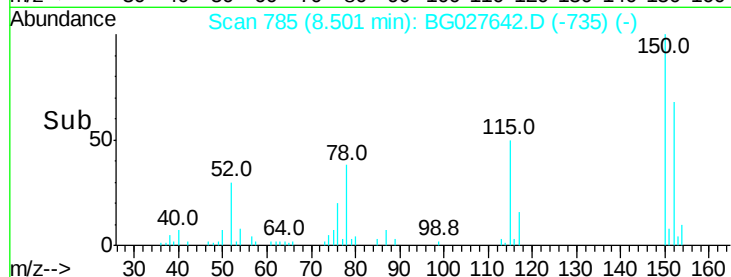
115 73.3 48.1 72.1#



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: 116.51 ng

RT: 6.09 min Scan# 374

Delta R.T. -0.00 min

Lab File: BG027642.D

Acq: 23 Jun 2017 22:31

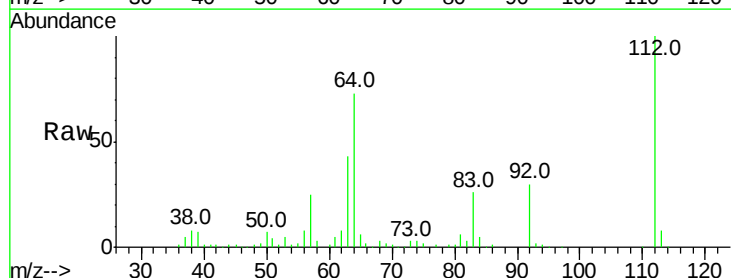
Tgt Ion:112 Resp: 143842

Ion Ratio Lower Upper

112 100

64 73.3 61.8 92.6

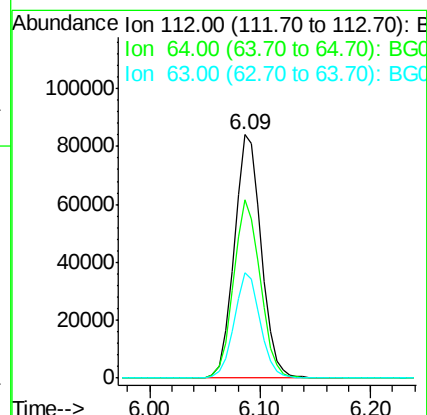
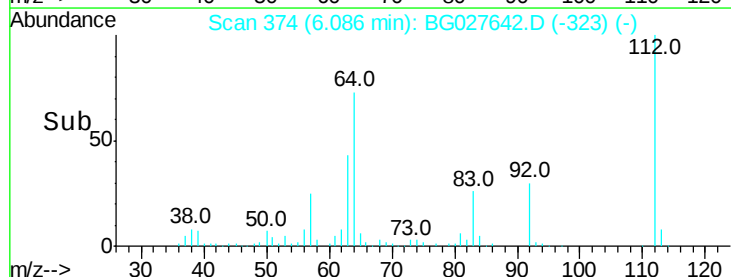
63 43.1 37.2 55.8

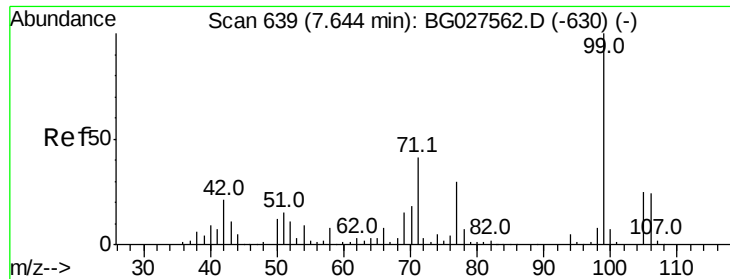


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.33 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027642.D

Acq: 23 Jun 2017 22:31

Instrument :

BNA_G

ClientSampleId :

FNDPL-PLUM-061417-COMP

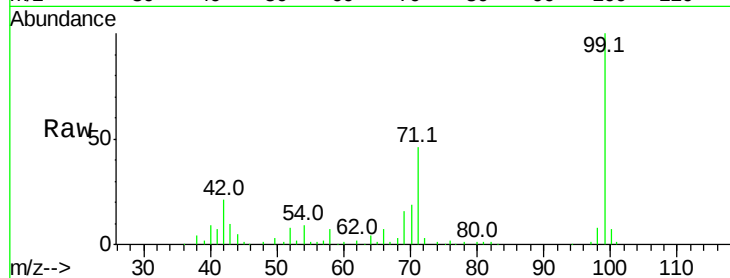
Tot Ion: 99 Resp: 207133

Ion Ratio Lower Upper

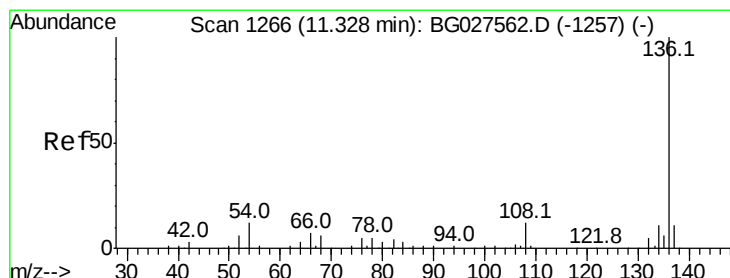
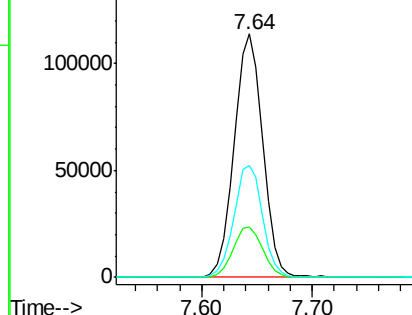
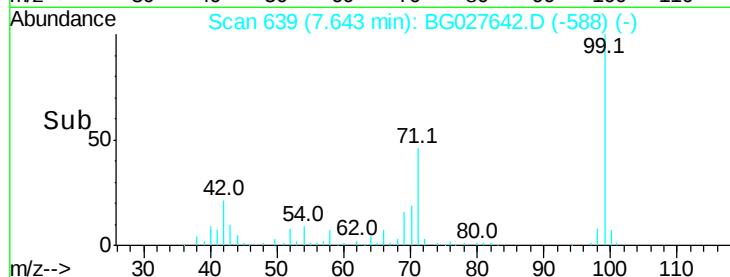
99 100

42 20.6 20.5 30.7

71 46.1 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: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027642.D

Acq: 23 Jun 2017 22:31

Tgt Ion: 136 Resp: 81434

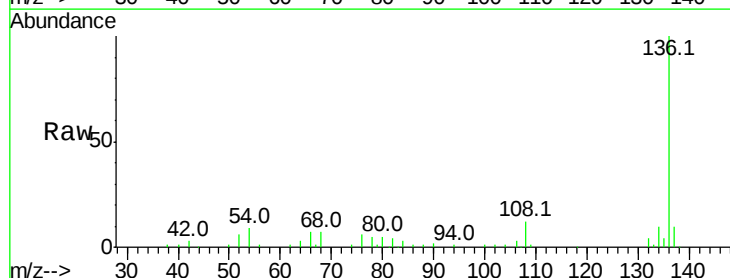
Ion Ratio Lower Upper

136 100

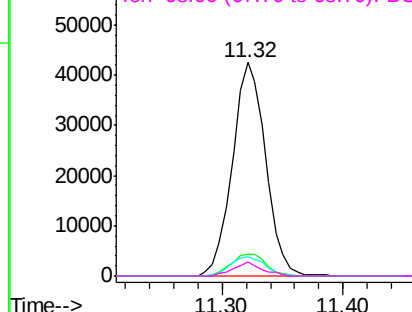
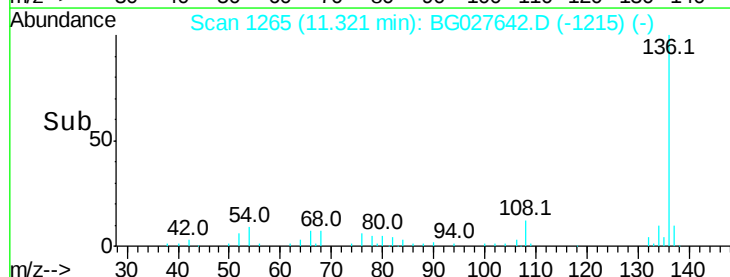
137 10.5 8.9 13.3

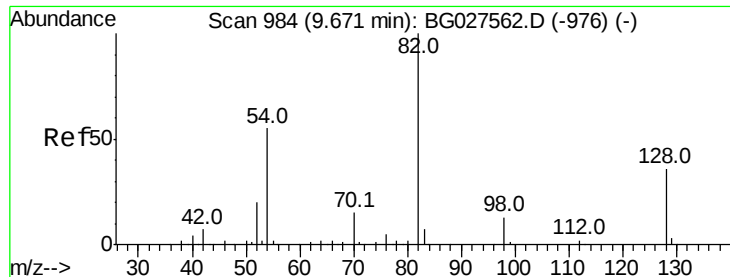
54 9.0 9.3 13.9#

68 6.6 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

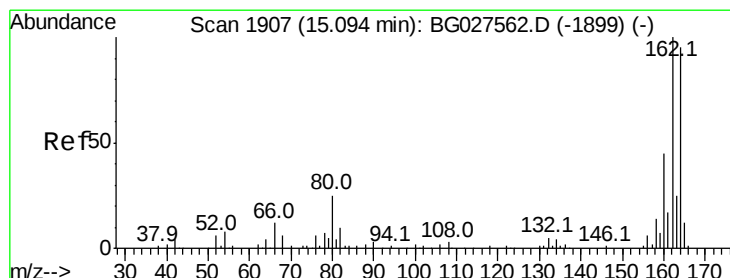
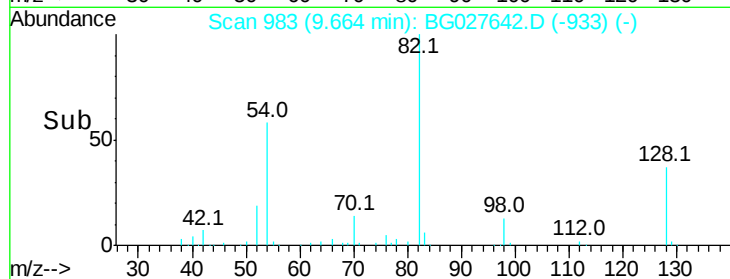
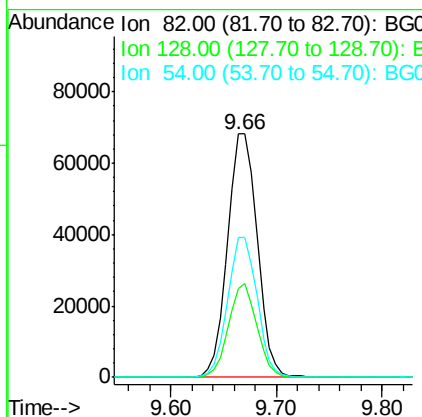
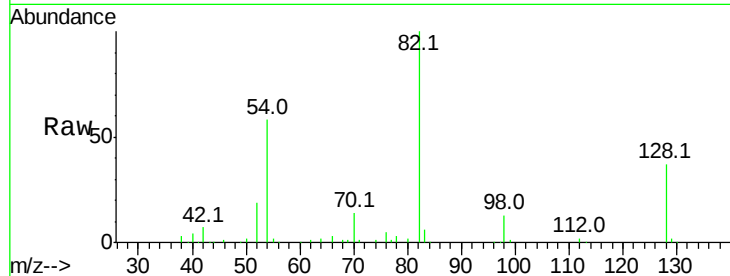




#23
 Nitrobenzene-d5
 Concen: 77.27 ng
 RT: 9.66 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG027642.D
 Acq: 23 Jun 2017 22:31

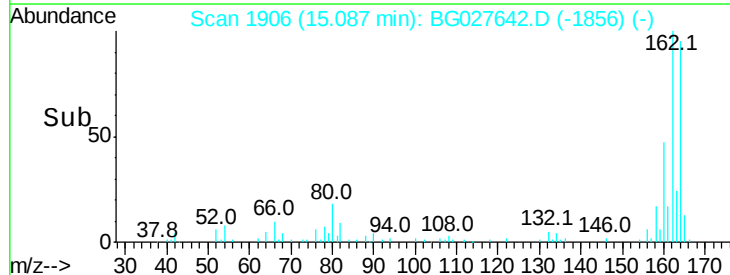
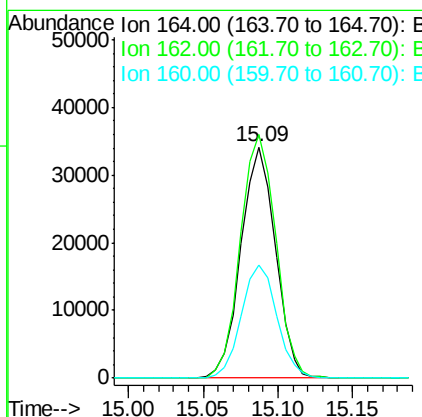
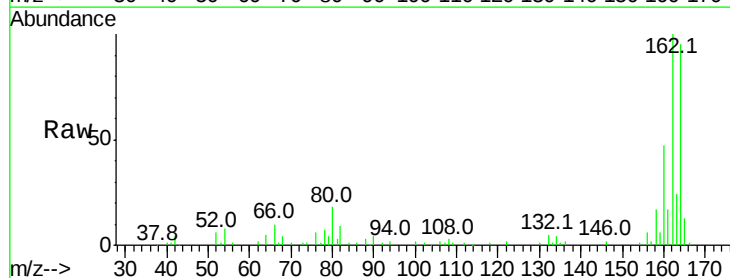
Instrument :
 BNA_G
 ClientSampleId :
 FNDPL-PLUM-061417-COMP

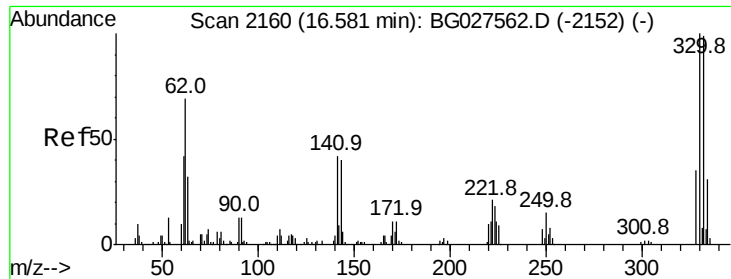
Tot Ion: 82 Resp: 132981
 Ion Ratio Lower Upper
 82 100
 128 36.5 26.4 39.6
 54 57.6 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027642.D
 Acq: 23 Jun 2017 22:31

Tgt Ion:164 Resp: 54923
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.1 127.7
 160 49.1 34.7 52.1

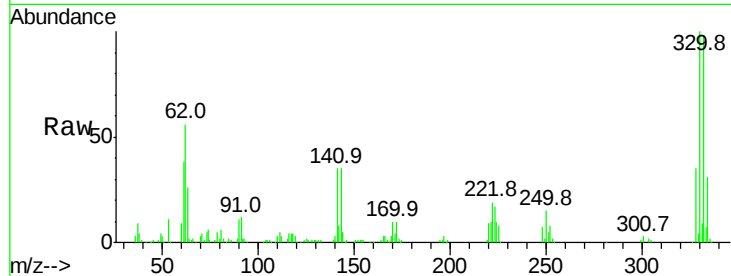




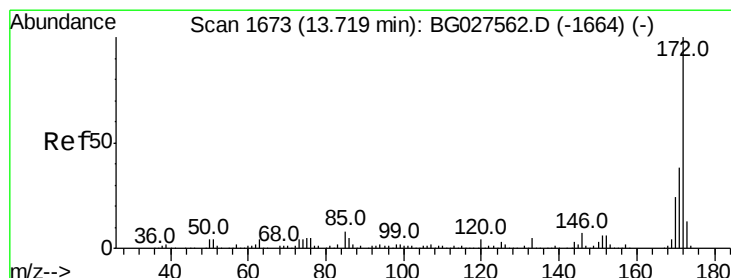
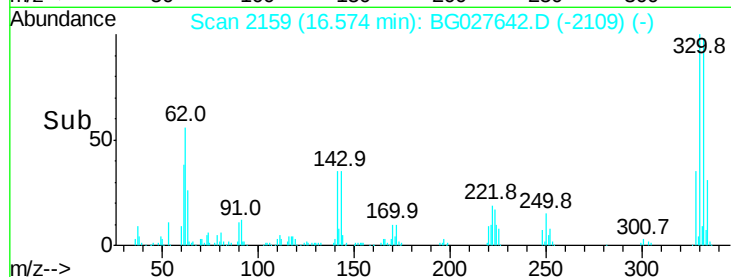
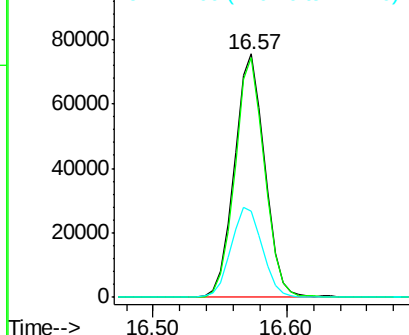
#41
 2,4,6-Tribromophenol
 Concen: 144.87 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027642.D
 Acq: 23 Jun 2017 22:31

Instrument :
 BNA_G
 ClientSampleId :
 FNDPL-PLUM-061417-COMP

Tot Ion:330 Resp: 118621
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 38.4 32.1 48.1

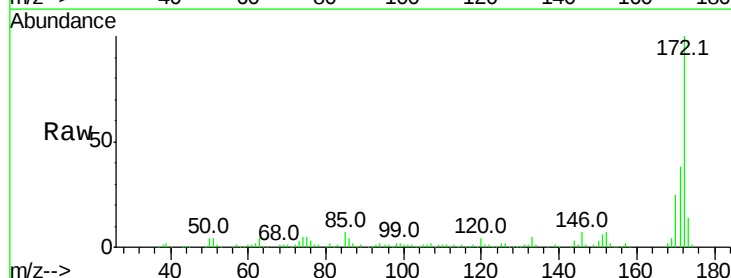


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

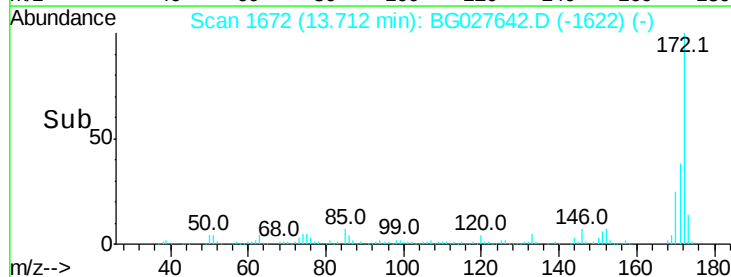
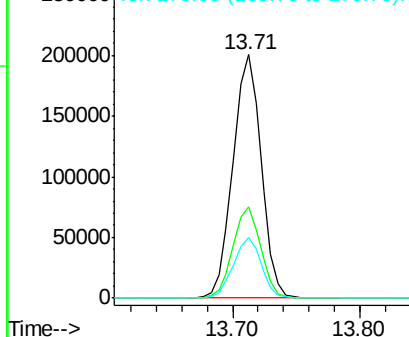


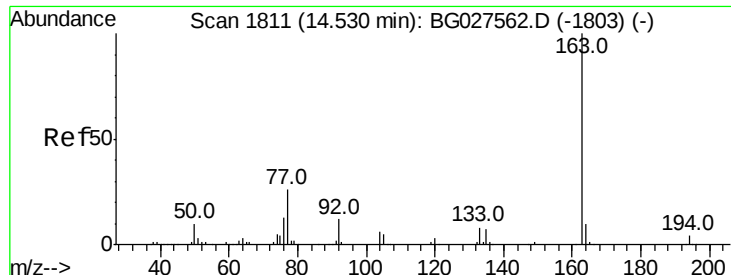
#44
 2-Fluorobiphenyl
 Concen: 76.53 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027642.D
 Acq: 23 Jun 2017 22:31

Tgt Ion:172 Resp: 307708
 Ion Ratio Lower Upper
 172 100
 171 37.5 32.2 48.2
 170 24.8 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





#49

Dimethylphthalate

Concen: 10.35 ng

RT: 14.52 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BG027642.D

Acq: 23 Jun 2017 22:31

Instrument :

BNA_G

ClientSampleId :

FNDPL-PLUM-061417-COMP

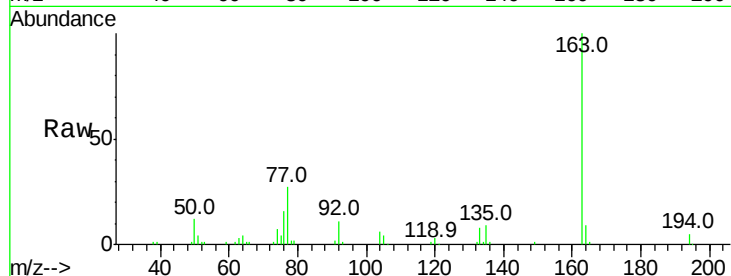
Tot Ion:163 Resp: 49759

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

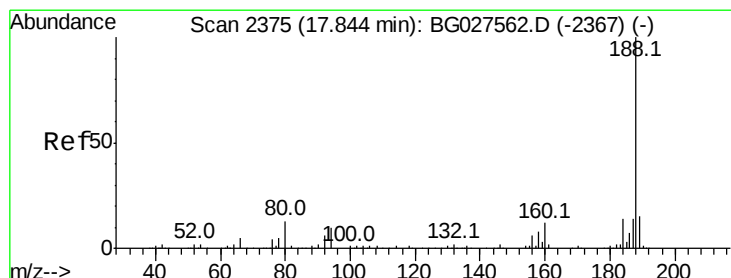
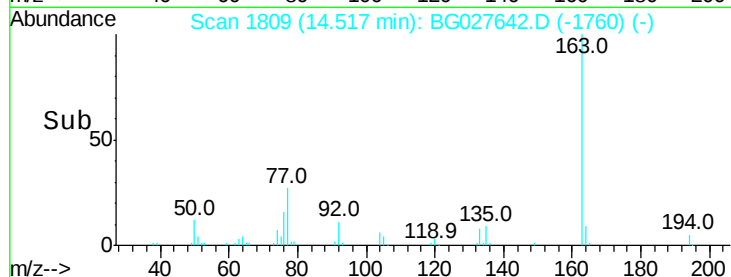
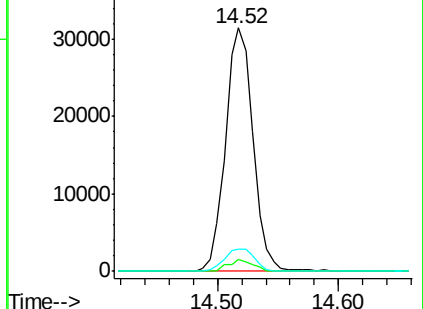
164 9.0 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.84 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG027642.D

Acq: 23 Jun 2017 22:31

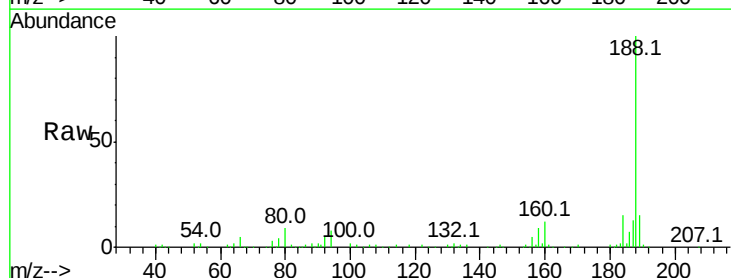
Tgt Ion:188 Resp: 157224

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

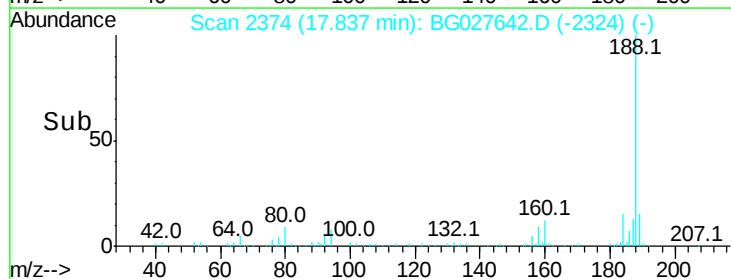
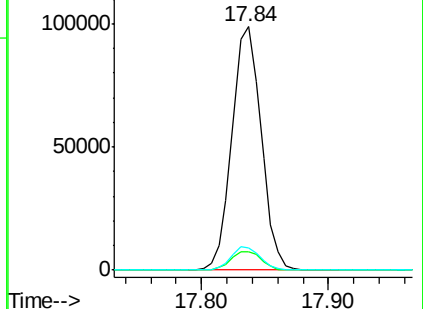
80 9.1 7.5 11.3

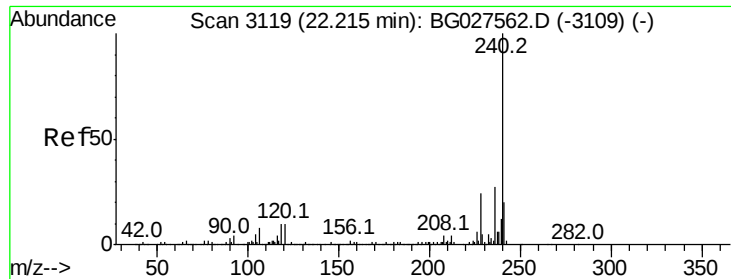


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027642.D

Acq: 23 Jun 2017 22:31

Instrument :

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ClientSampleId :

FNDPL-PLUM-061417-COMP

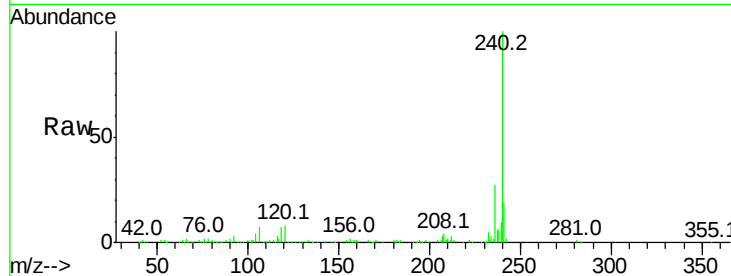
Tot Ion:240 Resp: 170675

Ion Ratio Lower Upper

240 100

120 7.7 5.7 8.5

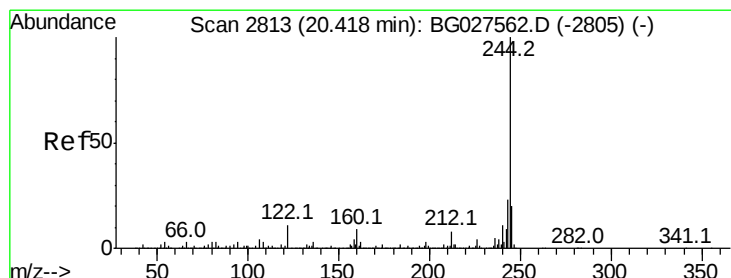
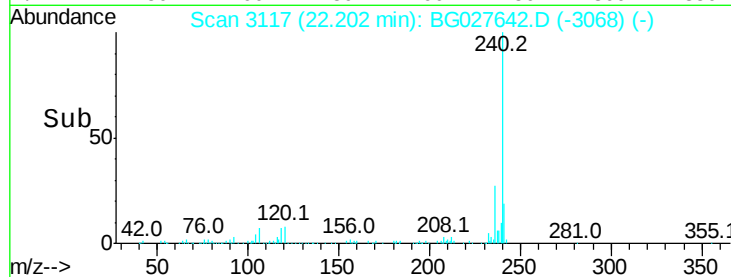
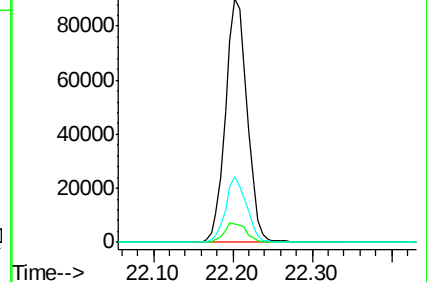
236 27.1 22.2 33.4



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: 84.45 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027642.D

Acq: 23 Jun 2017 22:31

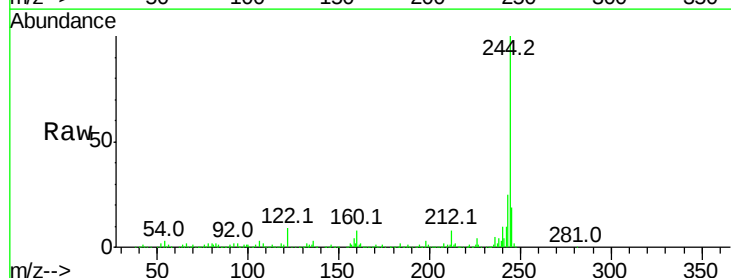
Tgt Ion:244 Resp: 611763

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

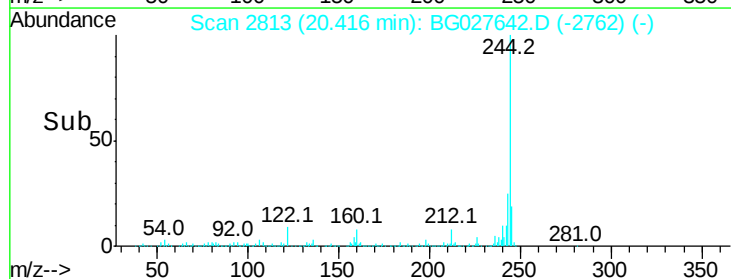
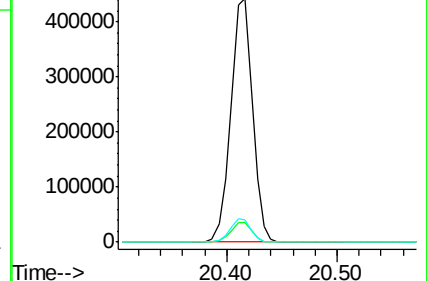
122 8.9 8.6 12.8



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
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027642.D
 Acq: 23 Jun 2017 22:31

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	21.8	32.8
265	21.0	18.2	27.4

