

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
 Data File : BG023962.D
 Acq On : 7 Sep 2016 20:58
 Operator : UM/SJ
 Sample : H4720-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DI-END-NORTH

Quant Time: Sep 08 09:20:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

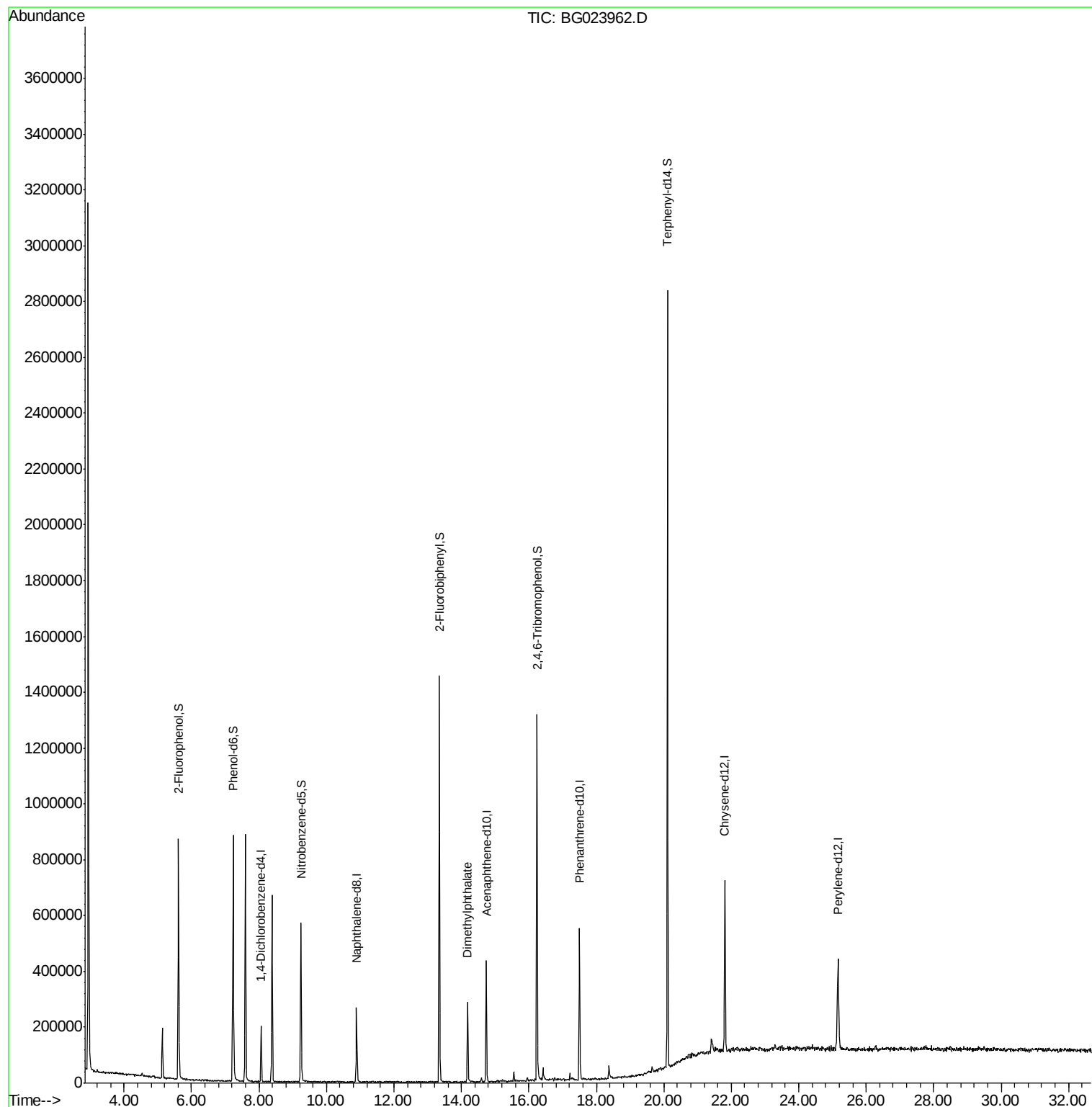
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49004	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	208254	20.00	ng	-0.04
38) Acenaphthene-d10	14.74	164	144136	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	350619	20.00	ng	-0.02
75) Chrysene-d12	21.81	240	392257	20.00	ng	-0.04
86) Perylene-d12	25.17	264	383305	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	324399	116.22	ng	-0.03
7) Phenol-d6	7.23	99	467541	108.82	ng	-0.03
23) Nitrobenzene-d5	9.24	82	358921	76.94	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	246462	94.91	ng	-0.02
44) 2-Fluorobiphenyl	13.35	172	709895	70.61	ng	-0.02
78) Terphenyl-d14	20.11	244	1159578	67.32	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.18	163	176237	14.26	ng	Qvalue # 94

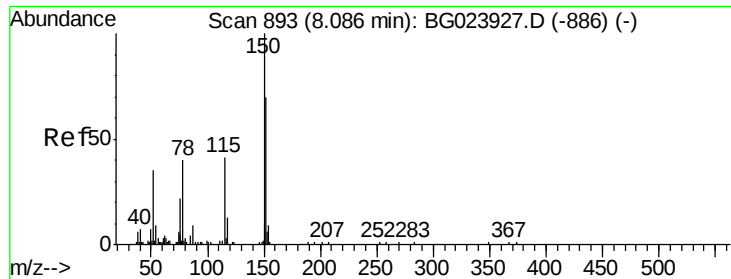
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.02 min

Lab File: BG023962.D

Acq: 7 Sep 2016 20:58

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BNA_G

ClientSampleId :

DI-END-NORTH

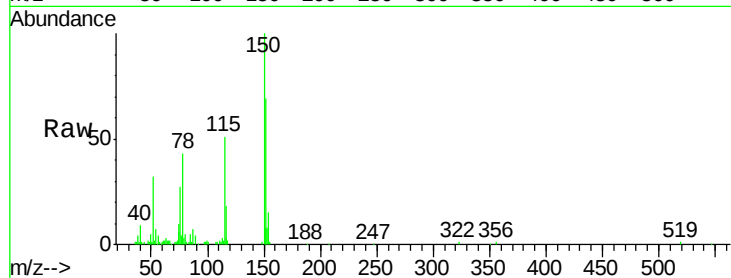
Tgt Ion:152 Resp: 49004

Ion Ratio Lower Upper

152 100

150 145.5 144.7 217.1

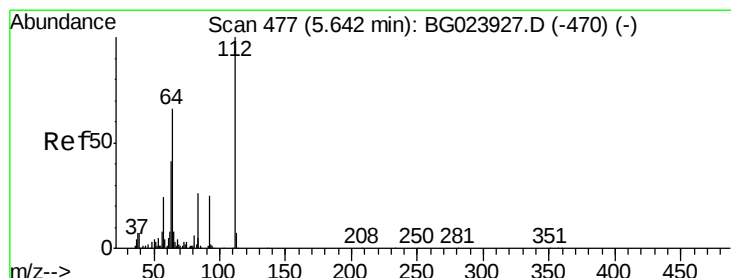
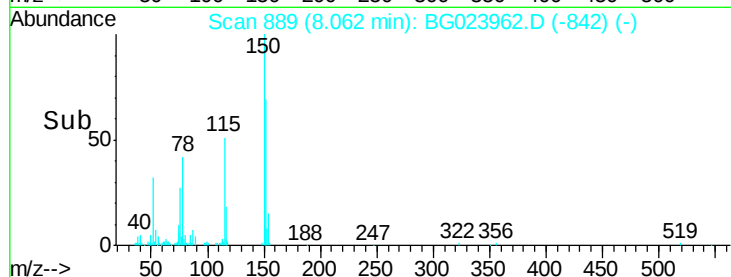
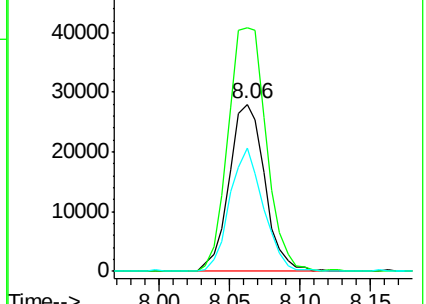
115 73.9 64.0 96.0



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: 116.22 ng

RT: 5.61 min Scan# 472

Delta R.T. -0.03 min

Lab File: BG023962.D

Acq: 7 Sep 2016 20:58

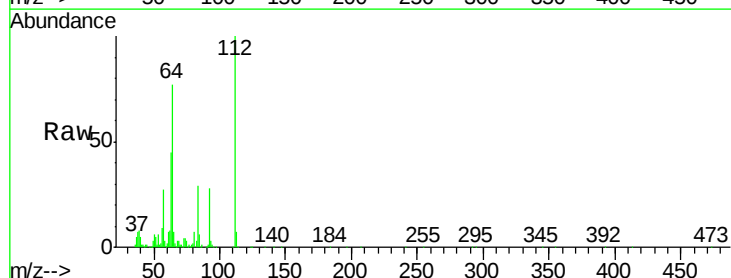
Tgt Ion:112 Resp: 324399

Ion Ratio Lower Upper

112 100

64 76.9 59.0 88.4

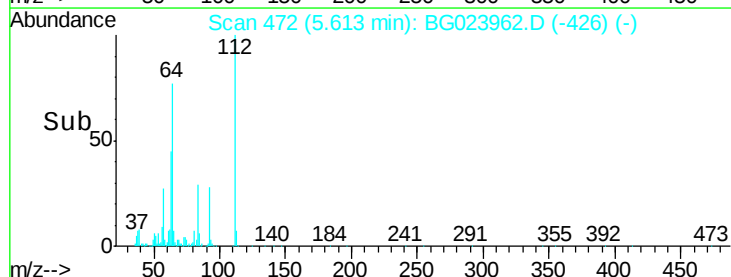
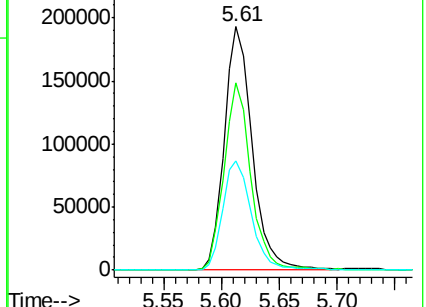
63 44.8 37.8 56.8

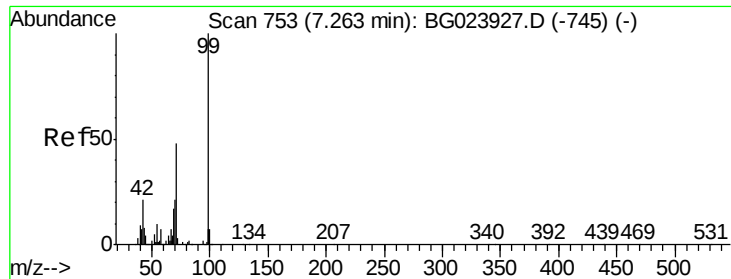


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.82 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.03 min

Lab File: BG023962.D

Acq: 7 Sep 2016 20:58

Instrument :

BNA_G

ClientSampleId :

DI-END-NORTH

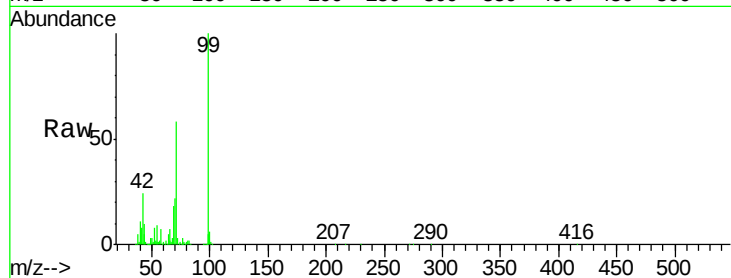
Tgt Ion: 99 Resp: 467541

Ion Ratio Lower Upper

99 100

42 23.5 17.8 26.6

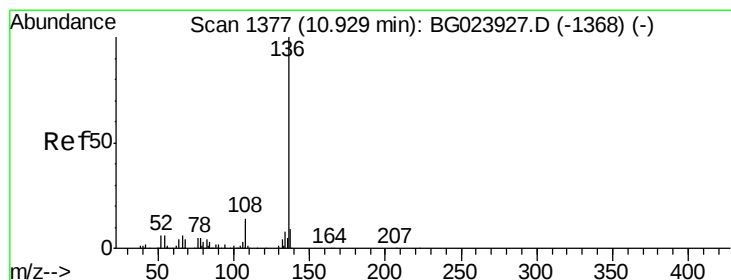
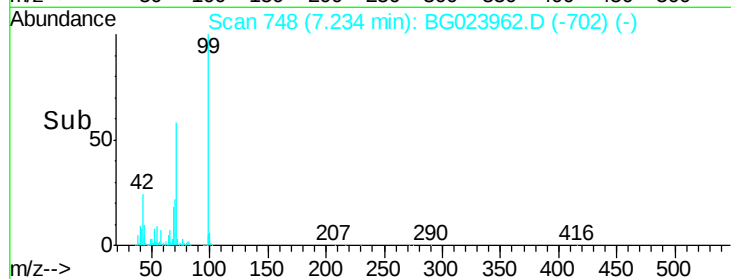
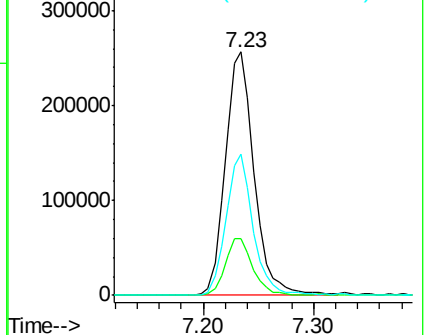
71 57.8 41.5 62.3



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: 10.89 min Scan# 1371

Delta R.T. -0.04 min

Lab File: BG023962.D

Acq: 7 Sep 2016 20:58

Tgt Ion: 136 Resp: 208254

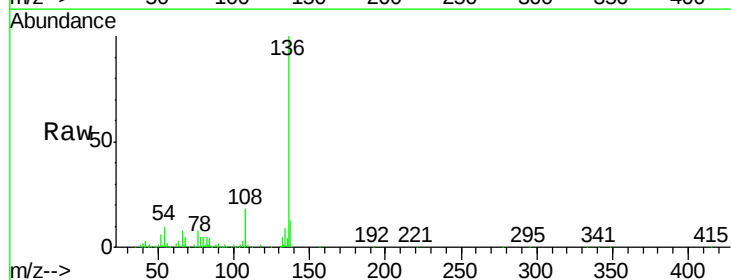
Ion Ratio Lower Upper

136 100

137 13.3 9.6 14.4

54 10.2 7.3 10.9

68 4.7 5.3 7.9#

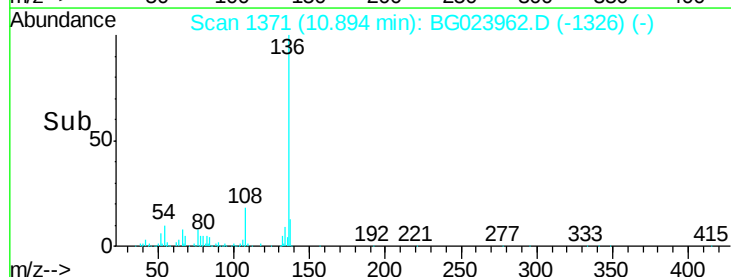
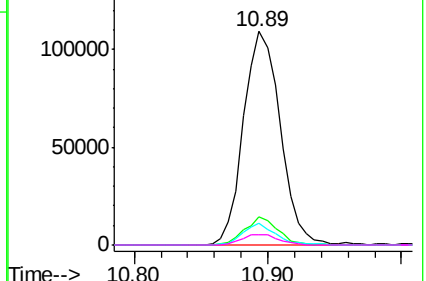


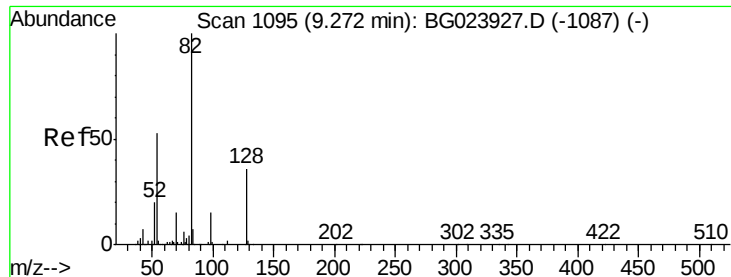
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

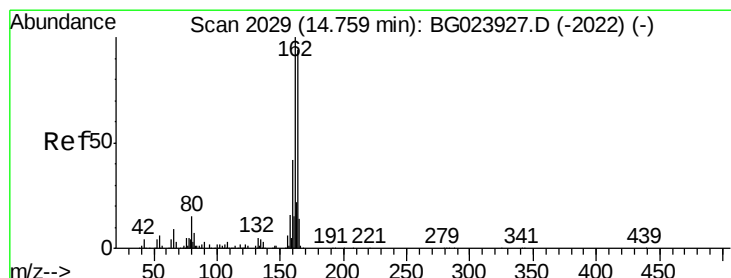
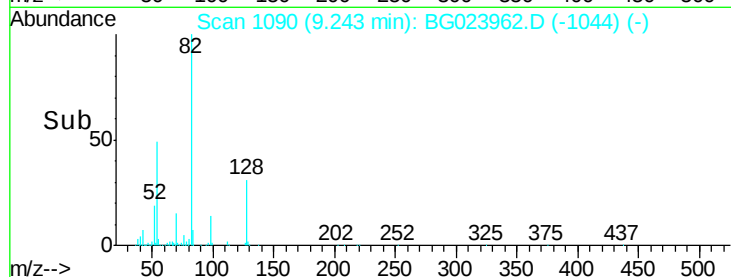
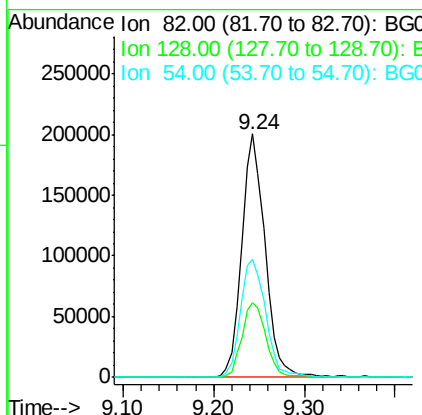
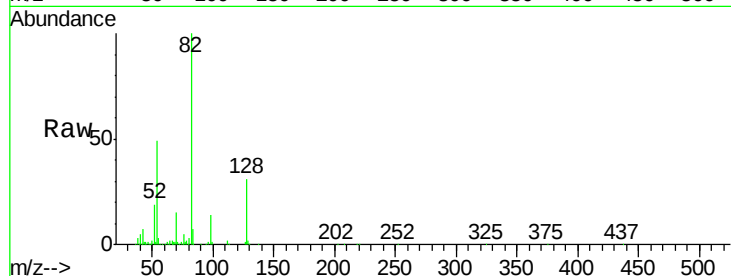




#23
 Nitrobenzene-d5
 Concen: 76.94 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.03 min
 Lab File: BG023962.D
 Acq: 7 Sep 2016 20:58

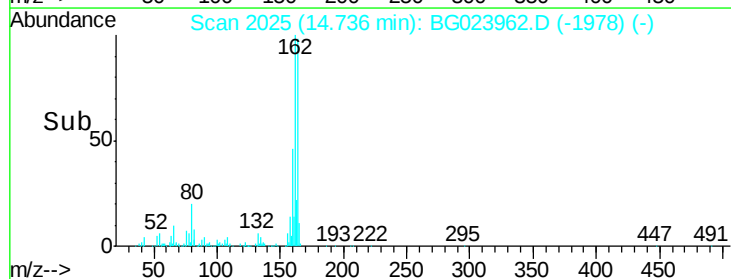
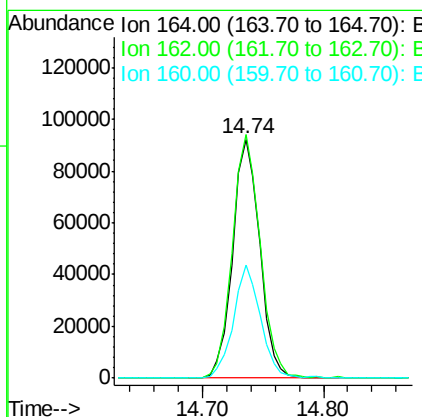
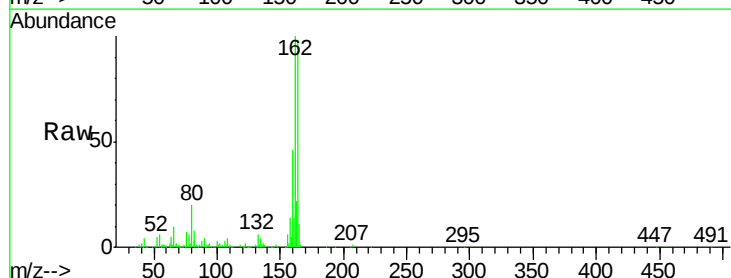
Instrument :
 BNA_G
 ClientSampleId :
 DI-END-NORTH

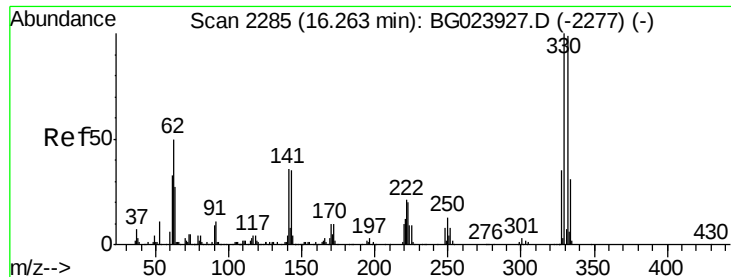
Tgt Ion: 82 Resp: 358921
 Ion Ratio Lower Upper
 82 100
 128 30.5 24.4 36.6
 54 48.8 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BG023962.D
 Acq: 7 Sep 2016 20:58

Tgt Ion: 164 Resp: 144136
 Ion Ratio Lower Upper
 164 100
 162 101.9 87.7 131.5
 160 47.3 37.2 55.8

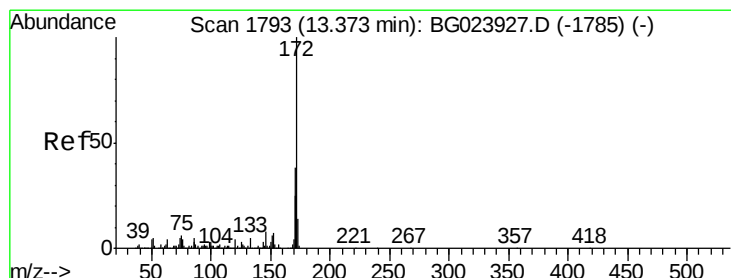
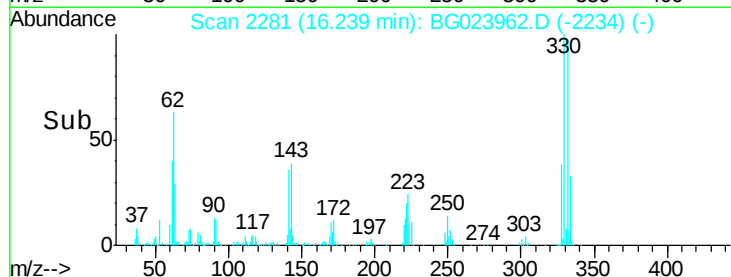
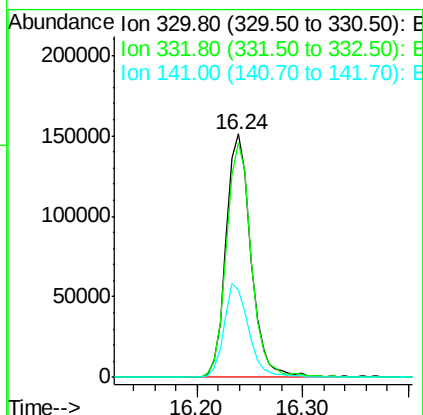
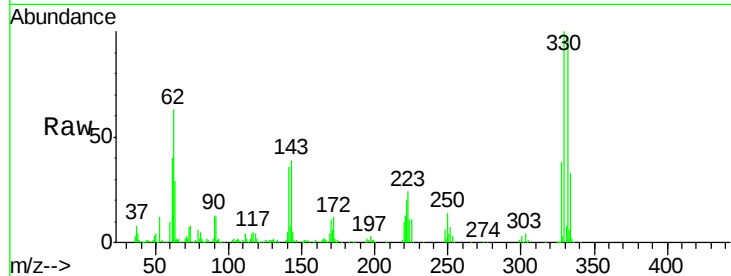




#41
 2,4,6-Tribromophenol
 Concen: 94.91 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BG023962.D
 Acq: 7 Sep 2016 20:58

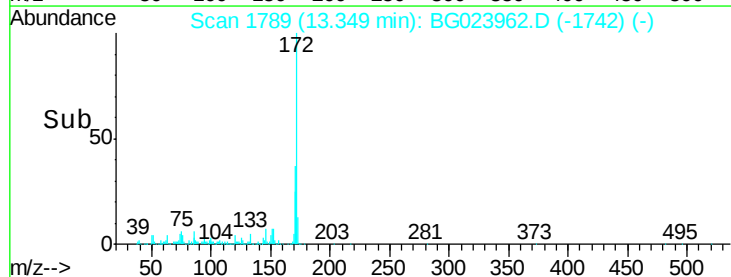
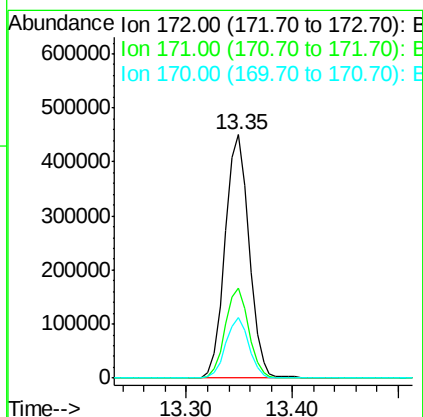
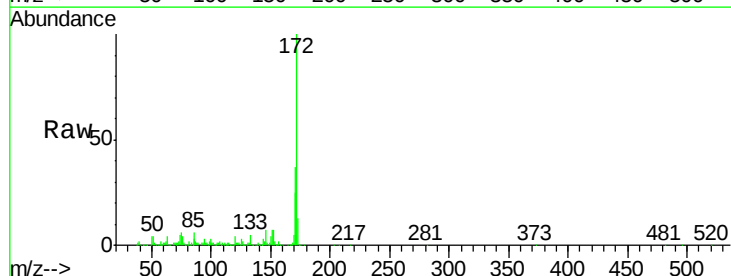
Instrument :
 BNA_G
 ClientSampleId :
 DI-END-NORTH

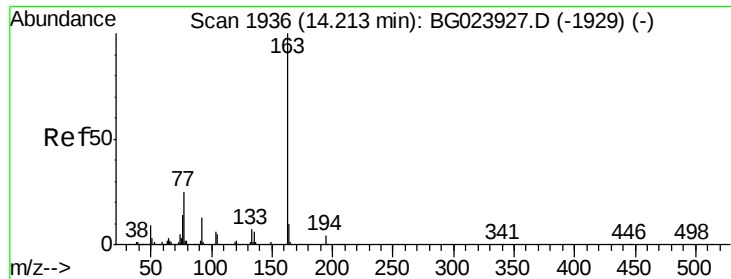
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	37.8	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 70.61 ng
 RT: 13.35 min Scan# 1789
 Delta R.T. -0.02 min
 Lab File: BG023962.D
 Acq: 7 Sep 2016 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.6	47.4
170	24.7	21.3	31.9





#49

Dimethylphthalate

Concen: 14.26 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.03 min

Lab File: BG023962.D

Acq: 7 Sep 2016 20:58

Instrument :

BNA_G

ClientSampleId :

DI-END-NORTH

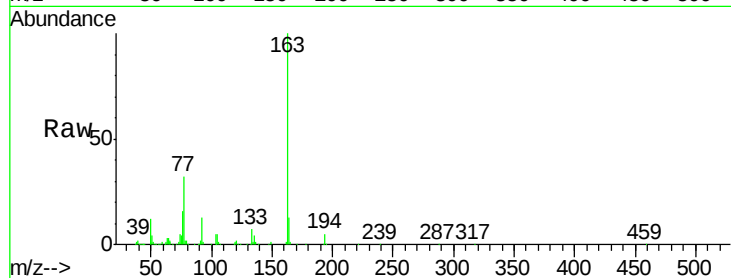
Tgt Ion:163 Resp: 176237

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

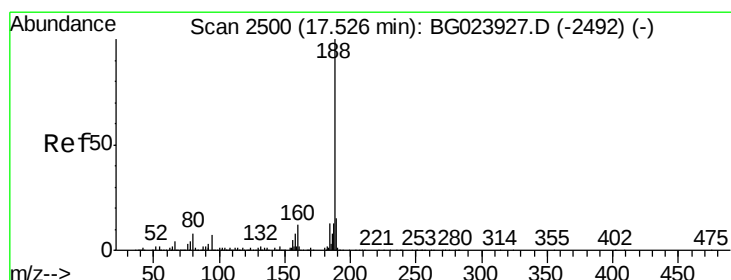
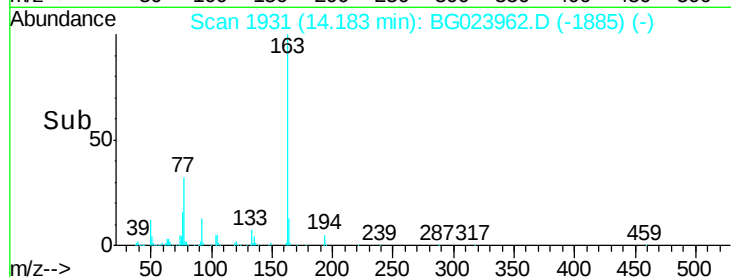
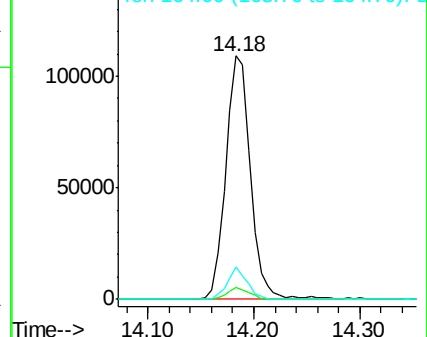
164 13.3 8.1 12.1#



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: 17.50 min Scan# 2496

Delta R.T. -0.02 min

Lab File: BG023962.D

Acq: 7 Sep 2016 20:58

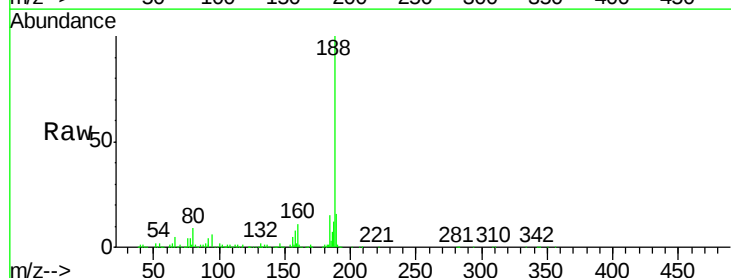
Tgt Ion:188 Resp: 350619

Ion Ratio Lower Upper

188 100

94 6.3 5.2 7.8

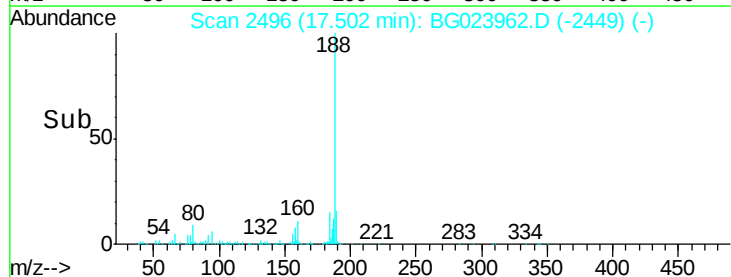
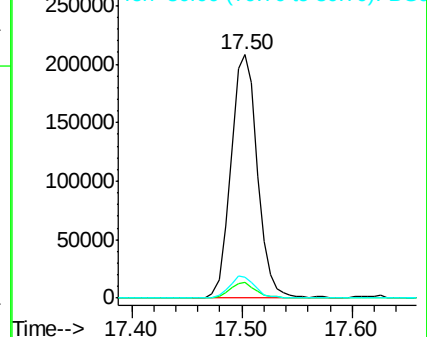
80 8.6 7.2 10.8

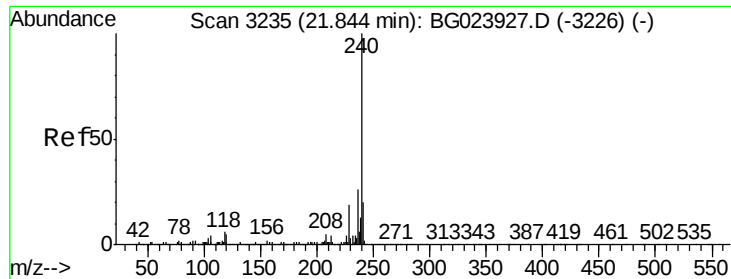


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.81 min Scan# 3229

Delta R.T. -0.04 min

Lab File: BG023962.D

Acq: 7 Sep 2016 20:58

Instrument :

BNA_G

ClientSampleId :

DI-END-NORTH

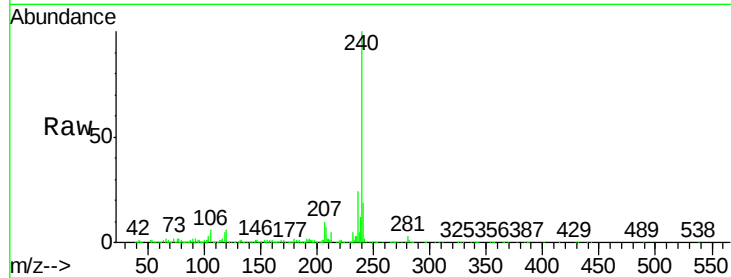
Tgt Ion:240 Resp: 392257

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

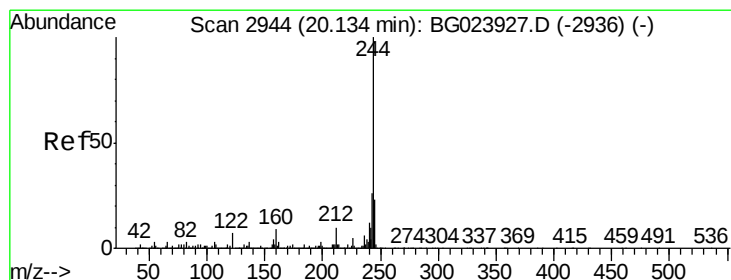
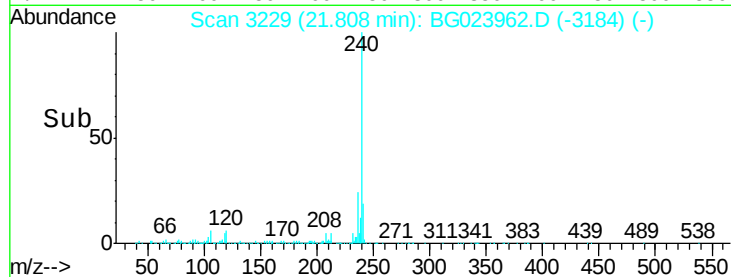
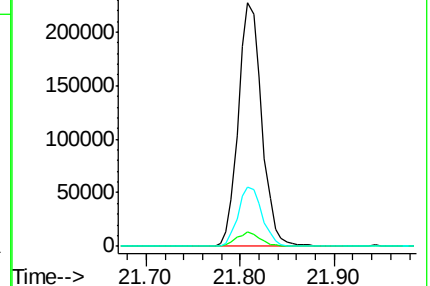
236 24.3 21.1 31.7



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: 67.32 ng

RT: 20.11 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BG023962.D

Acq: 7 Sep 2016 20:58

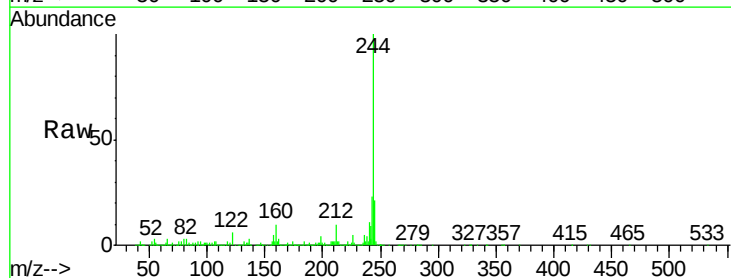
Tgt Ion:244 Resp: 1159578

Ion Ratio Lower Upper

244 100

212 10.0 10.8 16.2#

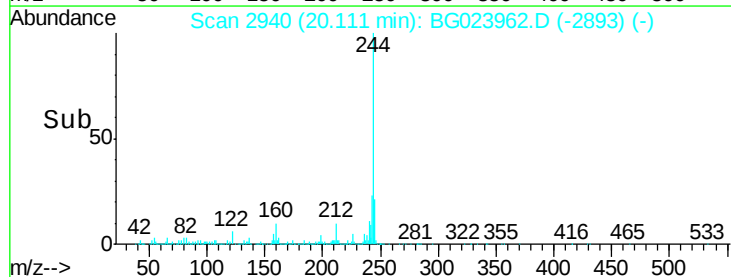
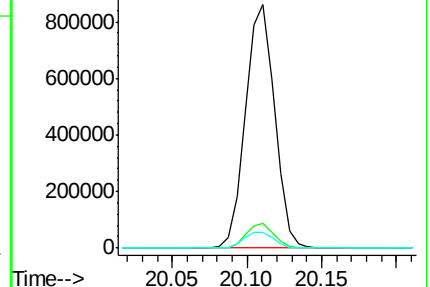
122 6.3 8.0 12.0#

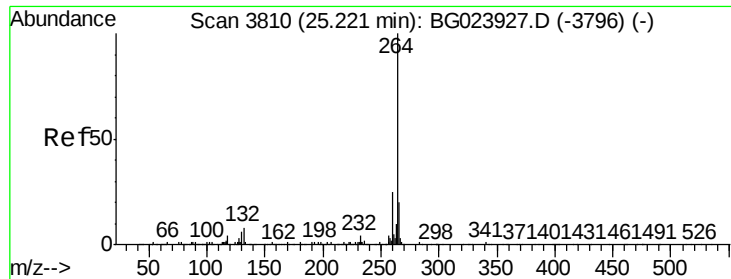


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.17 min Scan# 3801
Delta R.T. -0.05 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Instrument :
BNA_G
ClientSampleId :
DI-END-NORTH

Tgt Ion:	264	Resp:	383305
Ion Ratio		Lower	Upper
264	100		
260	21.6	18.4	27.6
265	21.1	18.9	28.3

