

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
 Data File : BG023968.D
 Acq On : 8 Sep 2016 16:55
 Operator : UM/SJ
 Sample : H4728-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 08 17:42:36 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

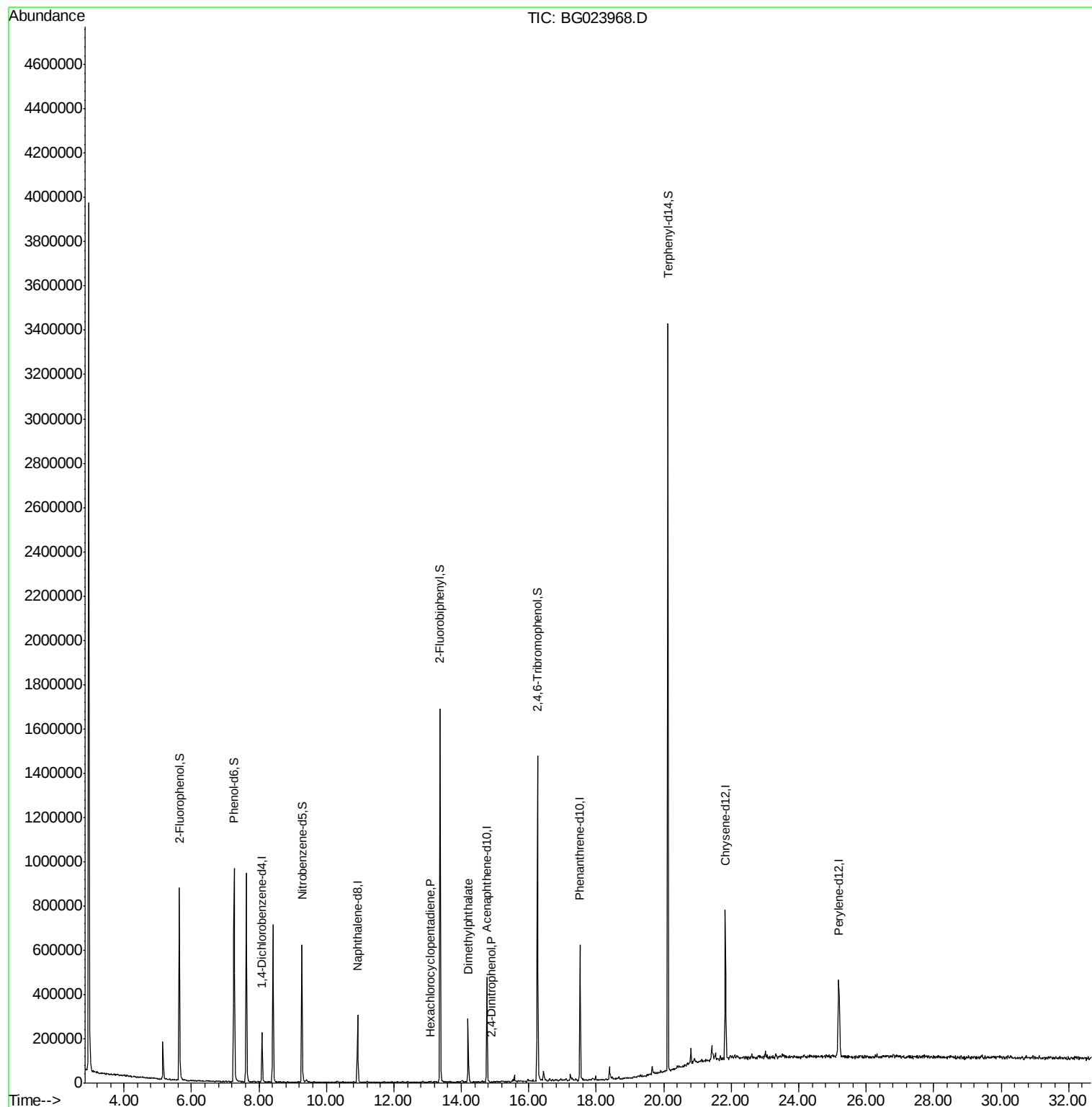
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50196	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	228306	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	159154	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	379731	20.00	ng	0.00
75) Chrysene-d12	21.83	240	423873	20.00	ng	-0.02
86) Perylene-d12	25.19	264	423390	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	342479	119.79	ng	0.00
7) Phenol-d6	7.26	99	516796	117.43	ng	0.00
23) Nitrobenzene-d5	9.27	82	392224	76.70	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	280349	97.77	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	824867	74.31	ng	0.00
78) Terphenyl-d14	20.12	244	1345315	72.28	ng	-0.01
Target Compounds						
40) Hexachlorocyclopentadiene	13.07	237	57	7.10	ng	# 26
49) Dimethylphthalate	14.20	163	175765	12.88	ng	98
53) 2,4-Dinitrophenol	14.88	184	72	6.54	ng	# 10

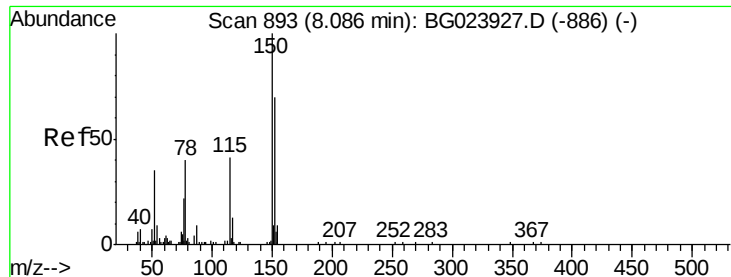
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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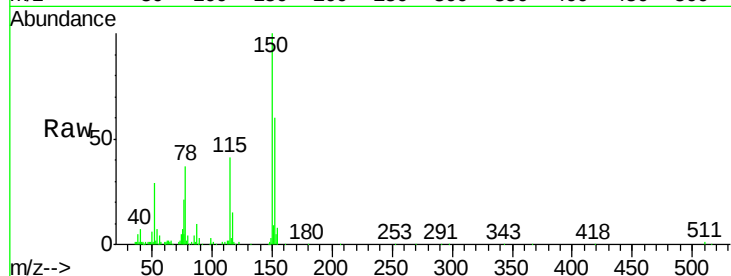


#1

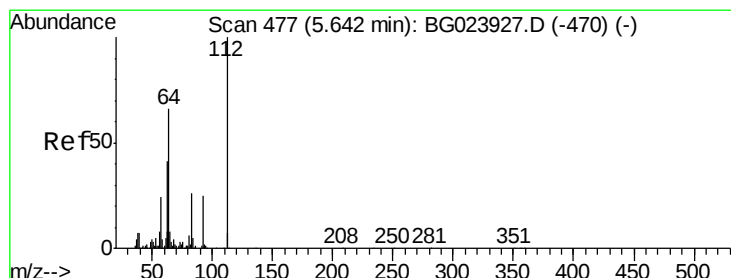
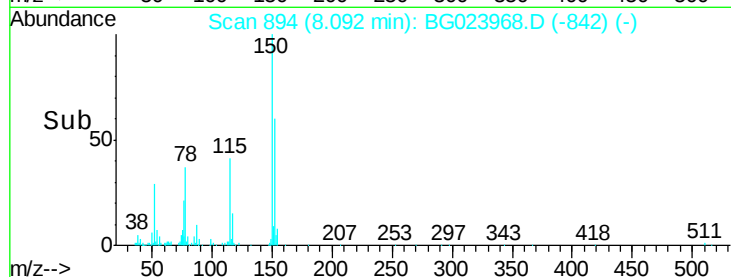
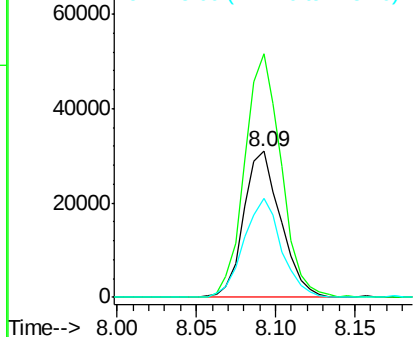
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. 0.01 min
Lab File: BG023968.D
Acq: 8 Sep 2016 16:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50196
Ion Ratio Lower Upper
152 100
150 166.7 144.7 217.1
115 68.2 64.0 96.0



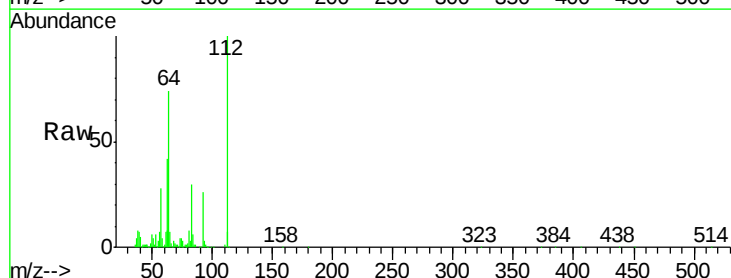
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



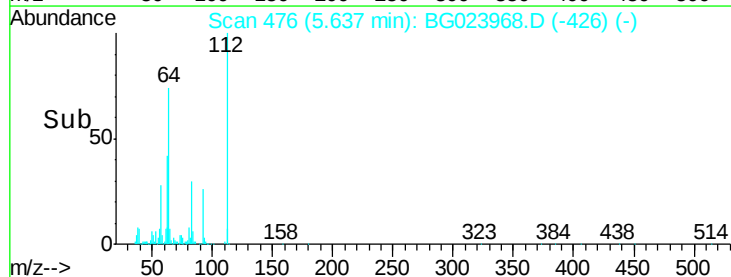
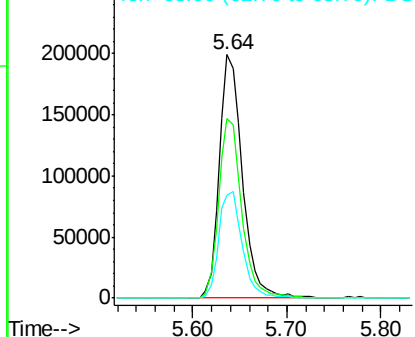
#5

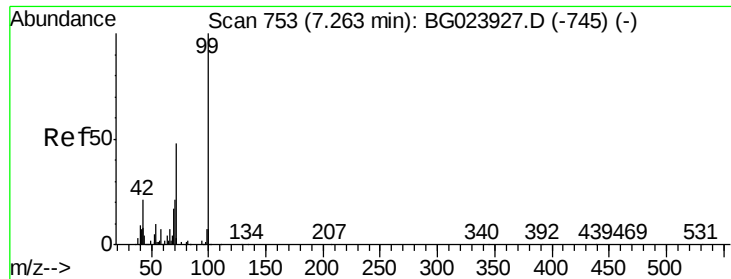
2-Fluorophenol
Concen: 119.79 ng
RT: 5.64 min Scan# 476
Delta R.T. -0.00 min
Lab File: BG023968.D
Acq: 8 Sep 2016 16:55

Tgt Ion:112 Resp: 342479
Ion Ratio Lower Upper
112 100
64 73.6 59.0 88.4
63 42.1 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 117.43 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

Instrument :

BNA_G

ClientSampleId :

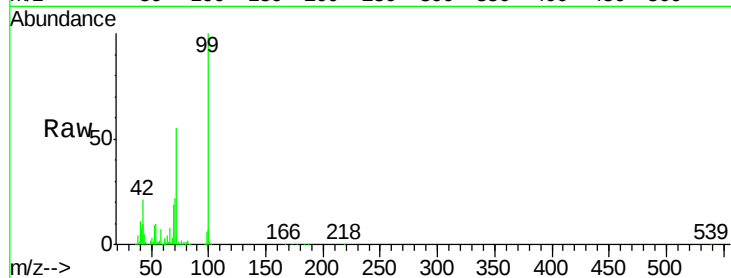
Tgt Ion: 99 Resp: 516796

Ion Ratio Lower Upper

99 100

42 21.5 17.8 26.6

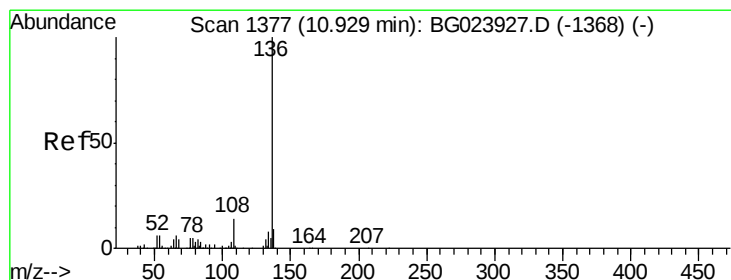
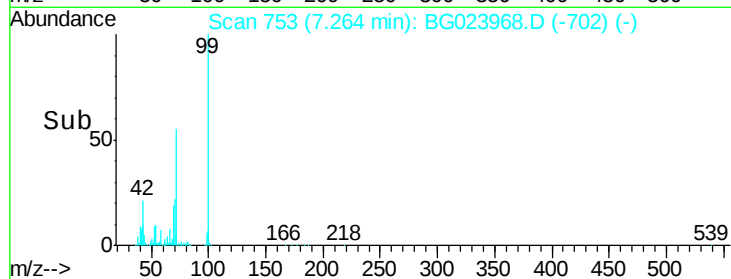
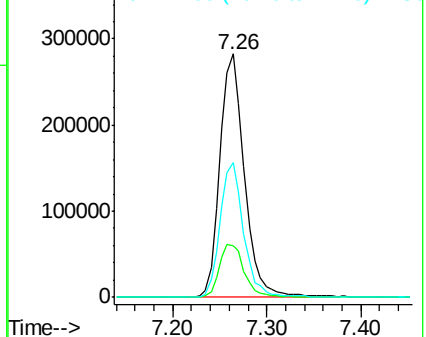
71 55.4 41.5 62.3



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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

Tgt Ion: 136 Resp: 228306

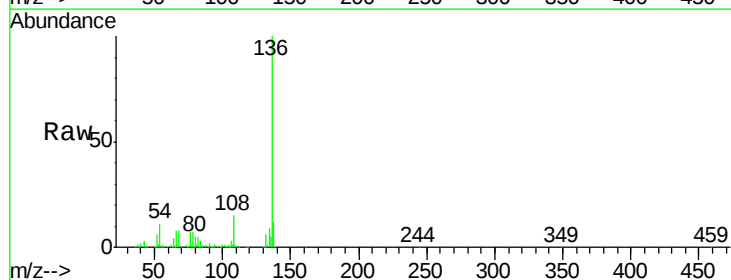
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 11.1 7.3 10.9#

68 8.1 5.3 7.9#

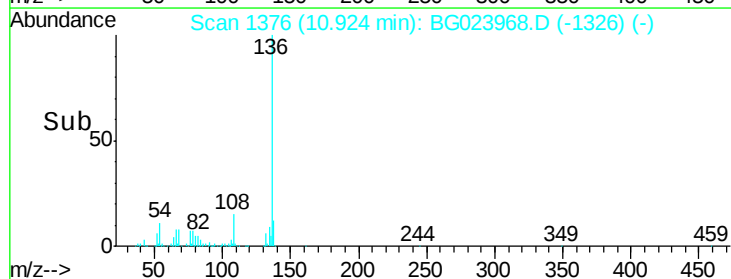
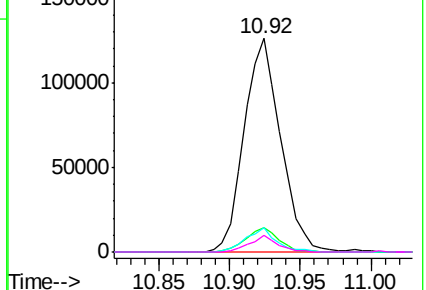


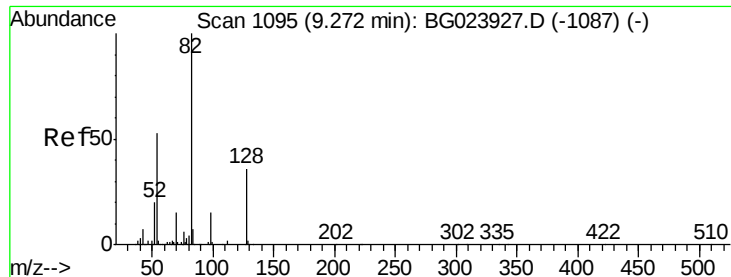
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

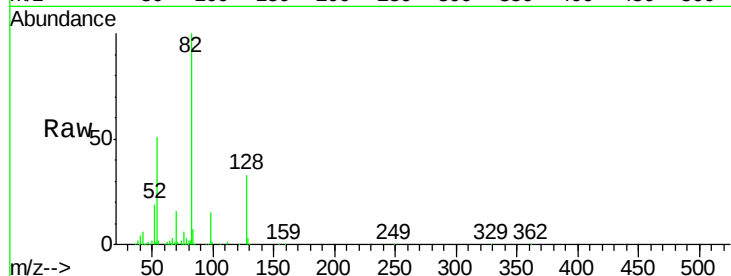




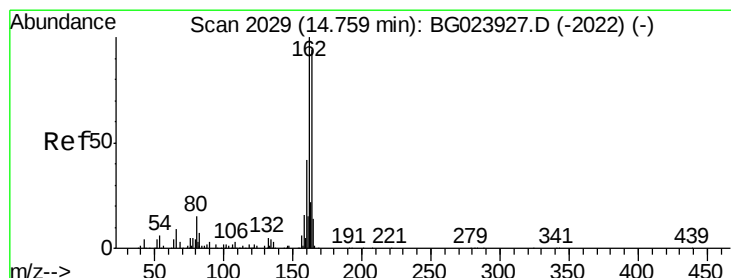
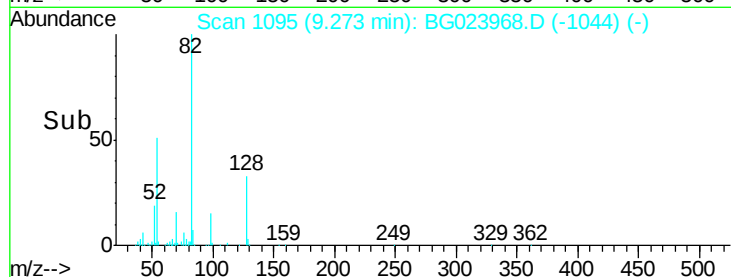
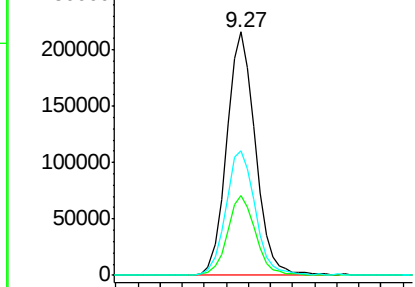
#23
 Nitrobenzene-d5
 Concen: 76.70 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BG023968.D
 Acq: 8 Sep 2016 16:55

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	51.0	41.4	62.0

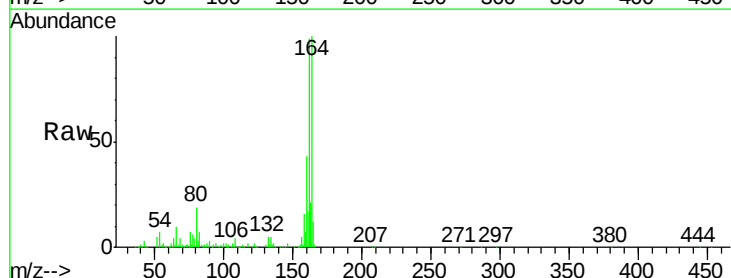


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

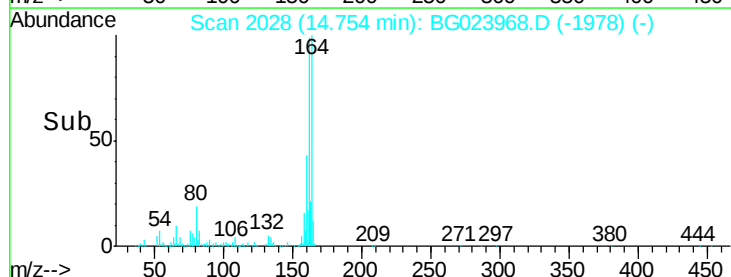
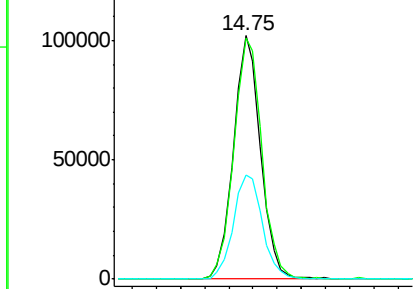


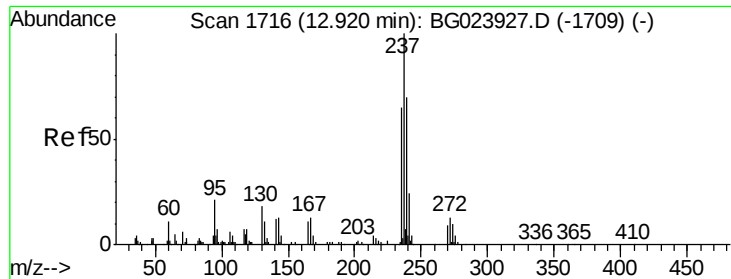
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG023968.D
 Acq: 8 Sep 2016 16:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	87.7	131.5
160	43.0	37.2	55.8



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

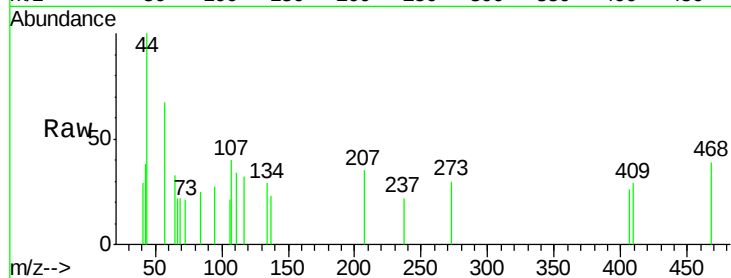




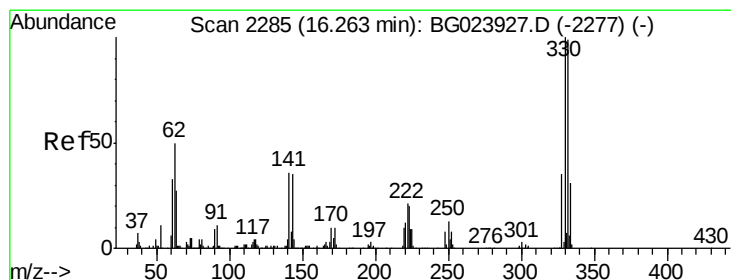
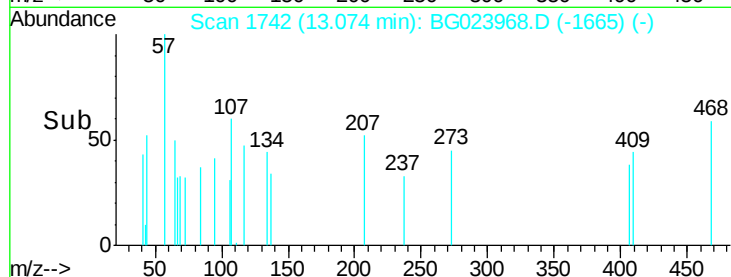
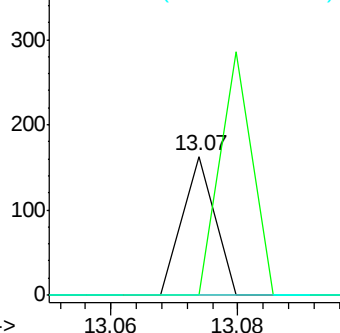
#40
Hexachlorocyclopentadiene
Concen: 7.10 ng
RT: 13.07 min Scan# 1742
Delta R.T. 0.15 min
Lab File: BG023968.D
Acq: 8 Sep 2016 16:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 237 Resp: 57
Ion Ratio Lower Upper
237 100
235 0.0 43.1 83.1#
272 0.0 0.0 30.9

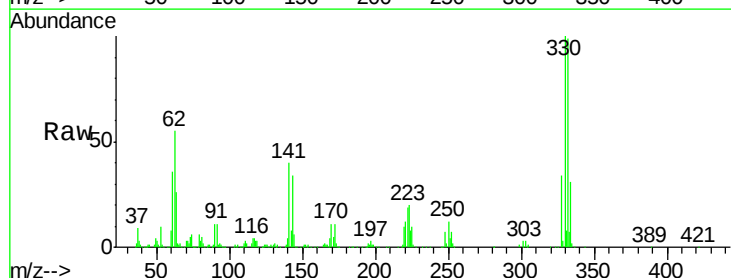


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

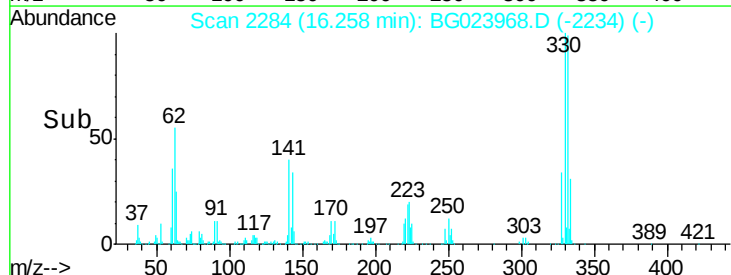
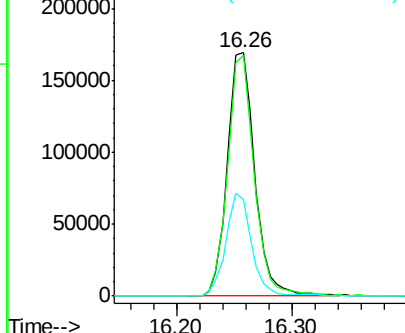


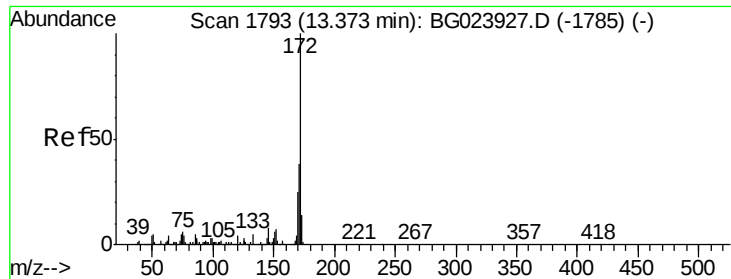
#41
2,4,6-Tribromophenol
Concen: 97.77 ng
RT: 16.26 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG023968.D
Acq: 8 Sep 2016 16:55

Tgt Ion: 330 Resp: 280349
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 39.4 31.7 47.5



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

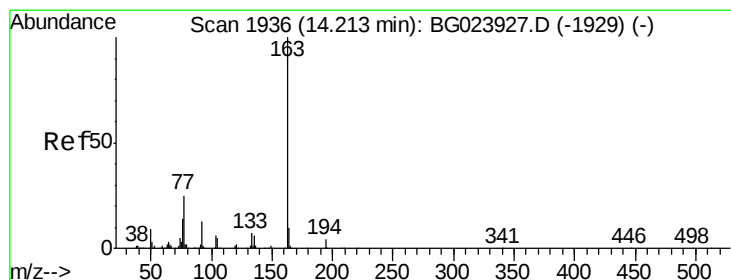
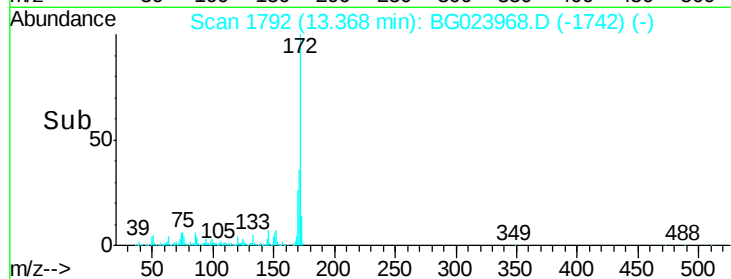
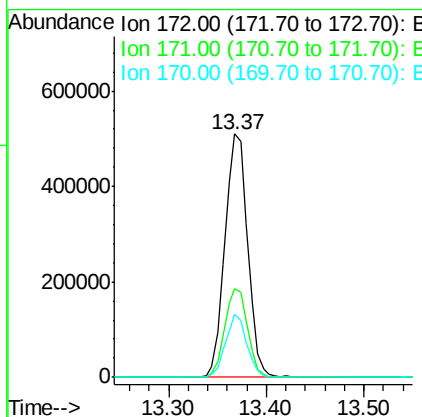
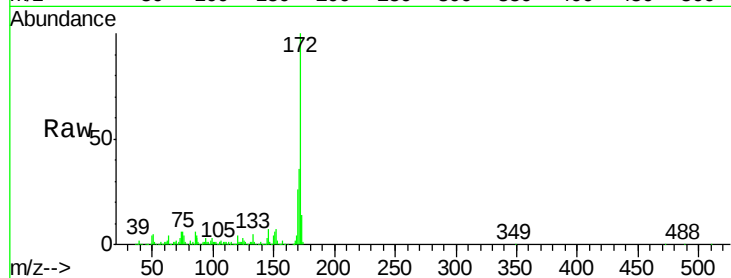




#44
2-Fluorobiphenyl
Concen: 74.31 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG023968.D
Acq: 8 Sep 2016 16:55

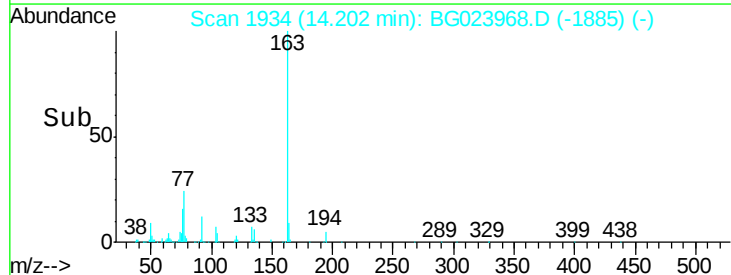
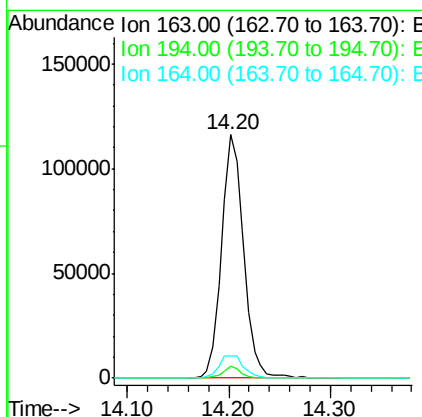
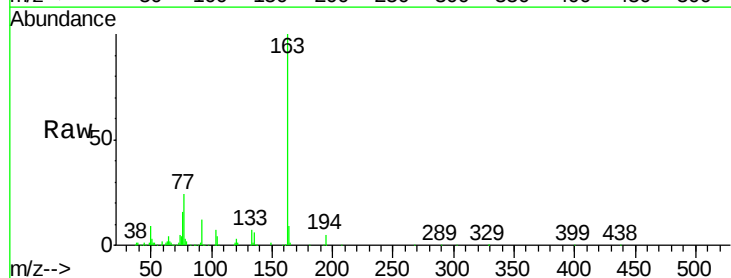
Instrument :
BNA_G
ClientSampleId :

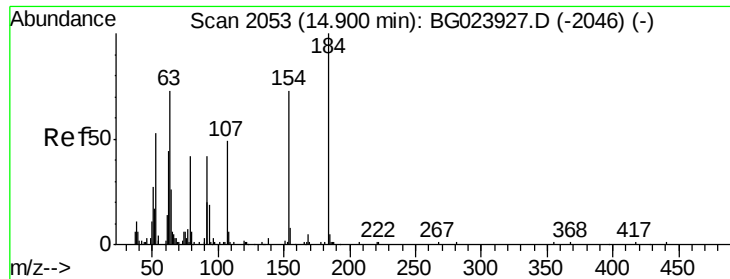
Tgt Ion:172 Resp: 824867
Ion Ratio Lower Upper
172 100
171 36.3 31.6 47.4
170 25.7 21.3 31.9



#49
Dimethylphthalate
Concen: 12.88 ng
RT: 14.20 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG023968.D
Acq: 8 Sep 2016 16:55

Tgt Ion:163 Resp: 175765
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 9.1 8.1 12.1





#53

2,4-Dinitrophenol

Concen: 6.54 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

Instrument :

BNA_G

ClientSampled :

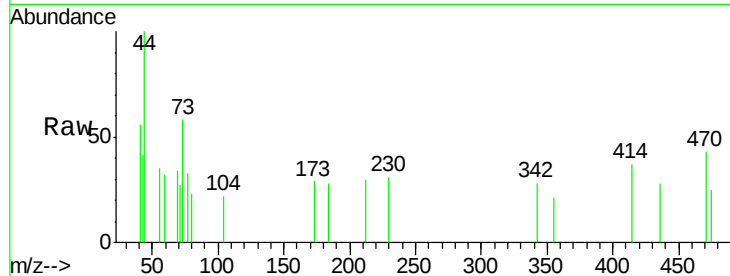
Tgt Ion:184 Resp: 72

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

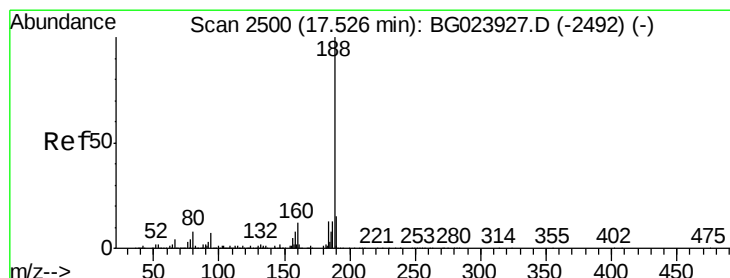
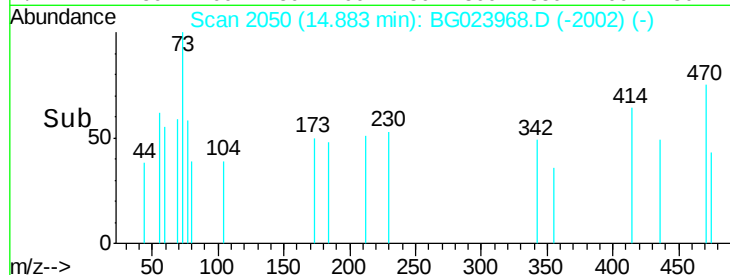
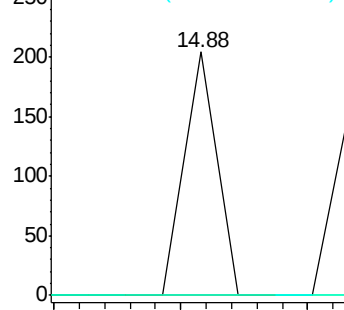
154 0.0 67.4 101.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

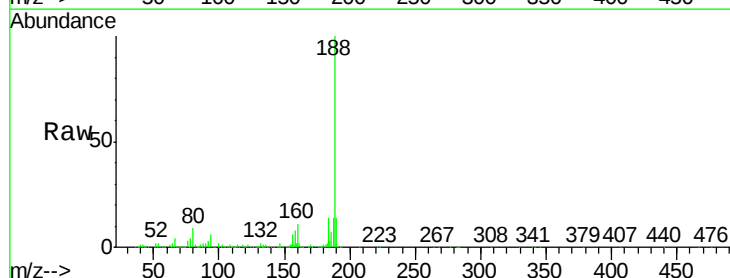
Tgt Ion:188 Resp: 379731

Ion Ratio Lower Upper

188 100

94 5.7 5.2 7.8

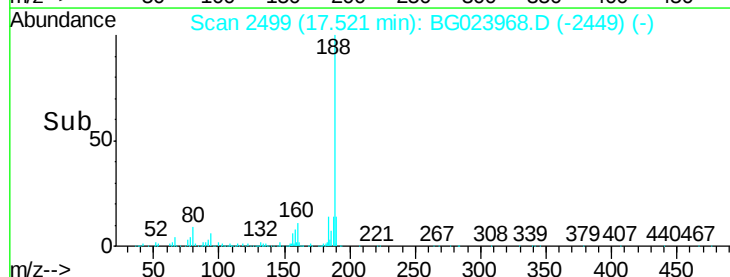
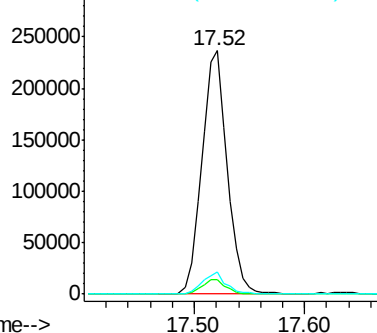
80 9.0 7.2 10.8

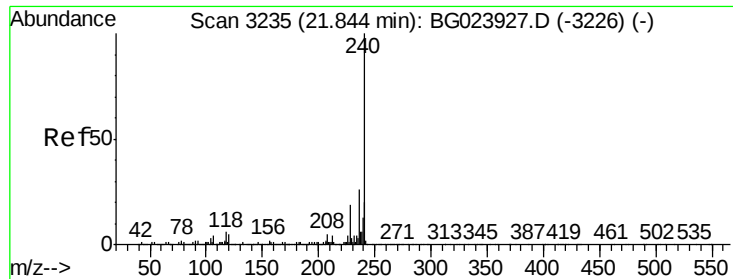


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.02 min

Lab File: BG023968.D

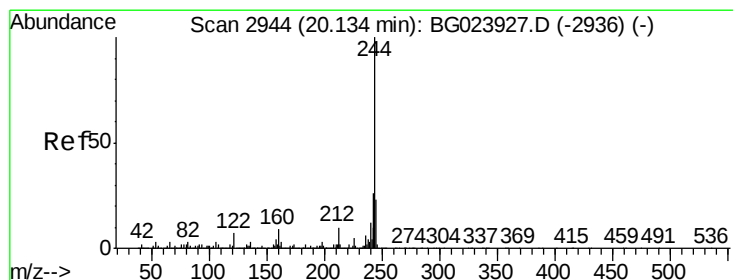
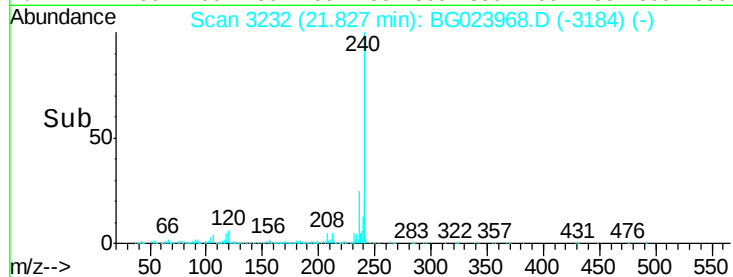
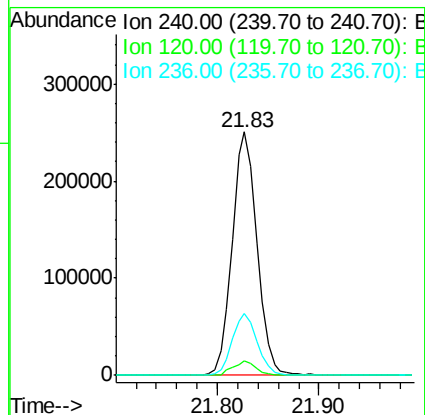
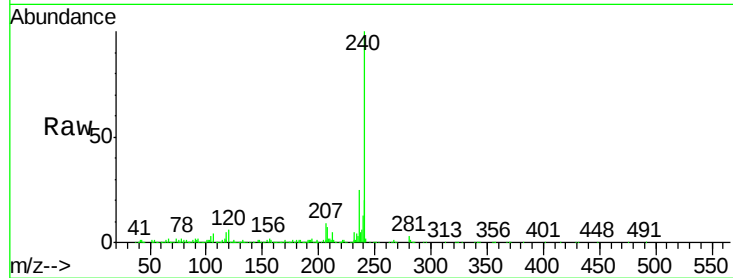
Acq: 8 Sep 2016 16:55

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	240	Resp:	423873
Ion Ratio	Lower	Upper	
240	100		
120	5.9	4.1	6.1
236	25.2	21.1	31.7



#78

Terphenyl-d14

Concen: 72.28 ng

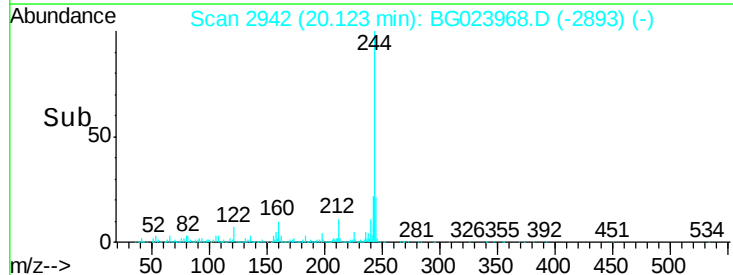
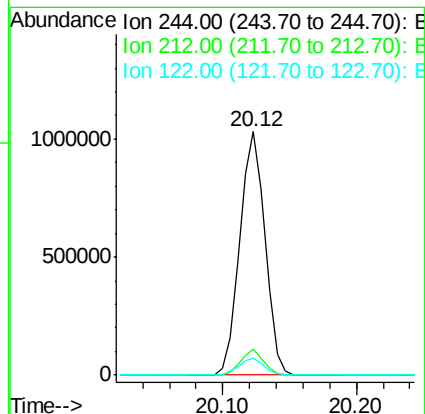
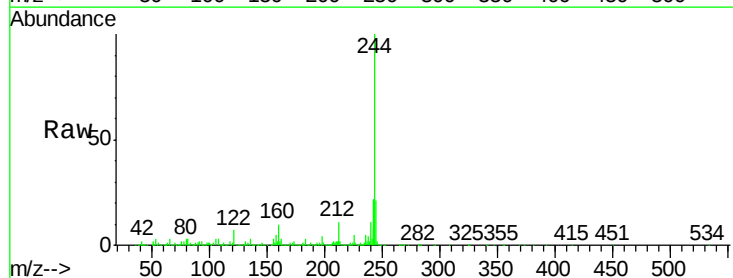
RT: 20.12 min Scan# 2942

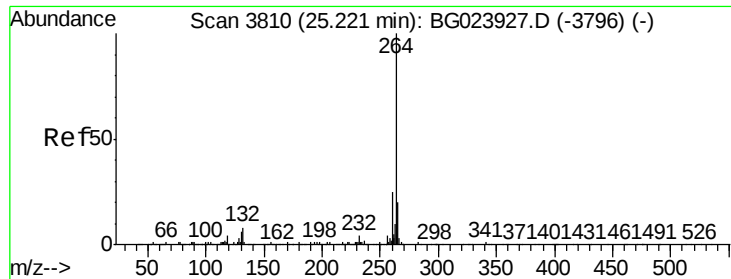
Delta R.T. -0.01 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

Tgt Ion:	244	Resp:	1345315
Ion Ratio	Lower	Upper	
244	100		
212	10.7	10.8	16.2#
122	7.2	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3805
Delta R.T. -0.03 min
Lab File: BG023968.D
Acq: 8 Sep 2016 16:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	264	Resp:	423390
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	20.9	18.9	28.3

