

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091416\
 Data File : BG023988.D
 Acq On : 14 Sep 2016 19:03
 Operator : UM/SJ
 Sample : H4764-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216

Quant Time: Sep 15 00:35:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

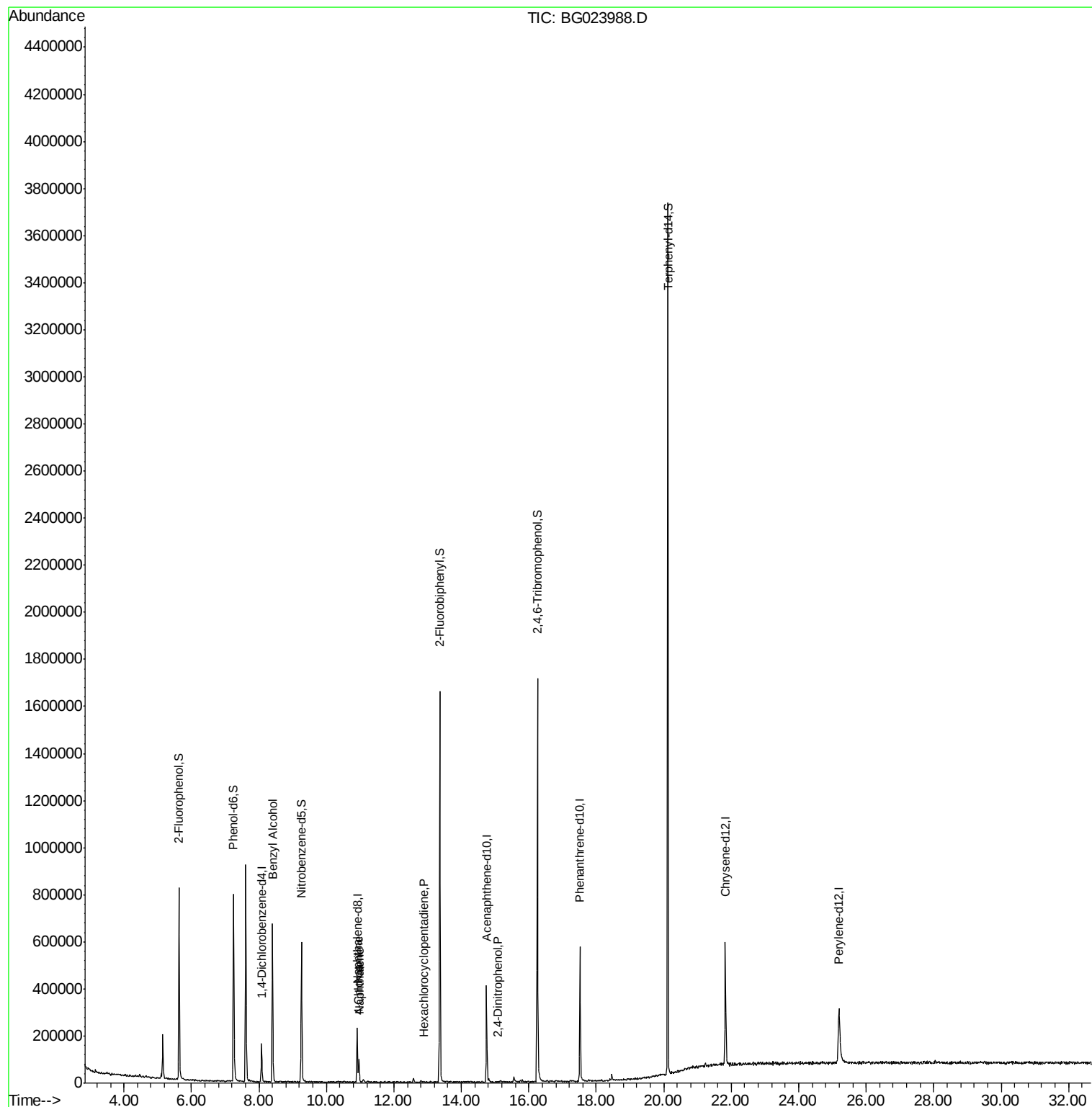
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39884	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	170522	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	150703	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	354589	20.00	ng	-0.01
75) Chrysene-d12	21.83	240	382260	20.00	ng	-0.02
86) Perylene-d12	25.20	264	348963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	313476	137.99	ng	-0.02
7) Phenol-d6	7.25	99	417636	119.43	ng	-0.03
23) Nitrobenzene-d5	9.26	82	388037	101.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	330754	121.82	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	836079	79.54	ng	-0.02
78) Terphenyl-d14	20.12	244	1532329	91.29	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.40	79	7792	2.53	ng	# 84
31) Naphthalene	10.96	128	81020	9.22	ng	# 95
33) 4-Chloroaniline	10.95	127	12148	3.31	ng	# 45
40) Hexachlorocyclopentadiene	12.89	237	58	7.10	ng	# 26
53) 2,4-Dinitrophenol	15.08	184	57	6.54	ng	# 10

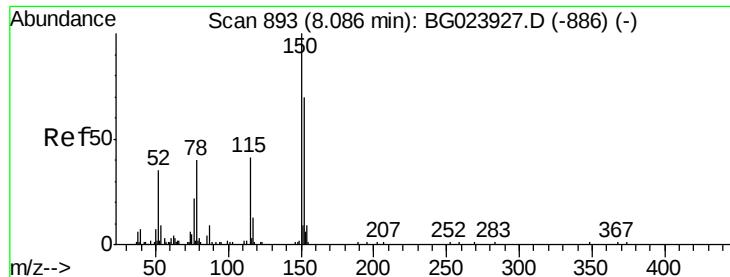
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091416\
Data File : BG023988.D
Acq On : 14 Sep 2016 19:03
Operator : UM/SJ
Sample : H4764-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Quant Time: Sep 15 00:35:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 892

Delta R.T. -0.02 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

Instrument :

BNA_G

ClientSampleId :

HSR-WC-69-091216

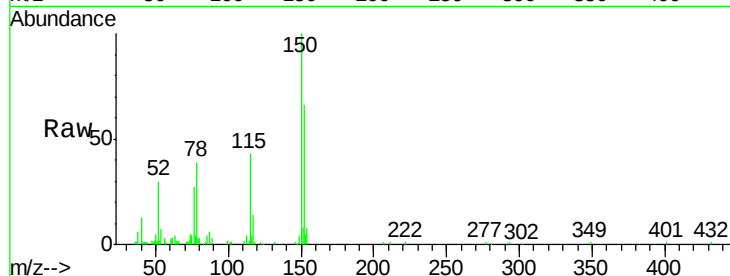
Tgt Ion:152 Resp: 39884

Ion Ratio Lower Upper

152 100

150 151.5 144.7 217.1

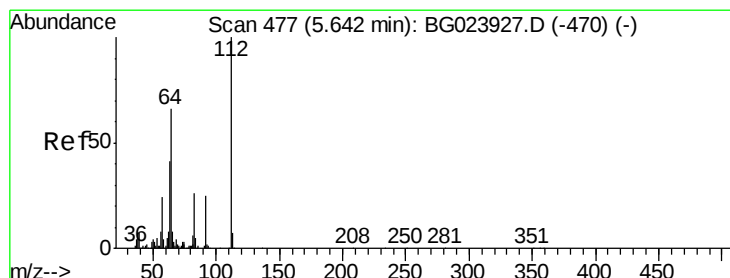
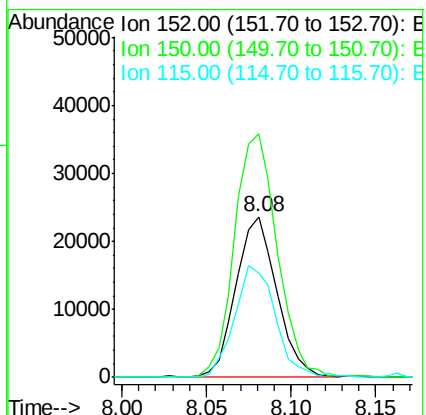
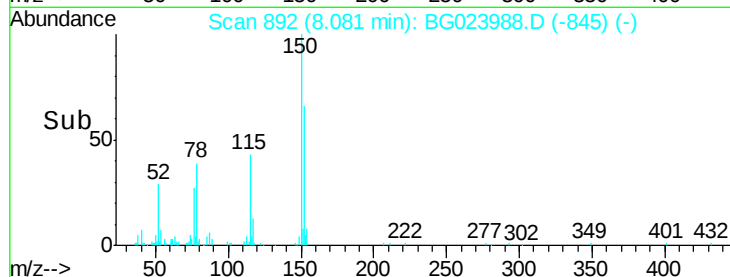
115 64.6 64.0 96.0



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: 137.99 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.02 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

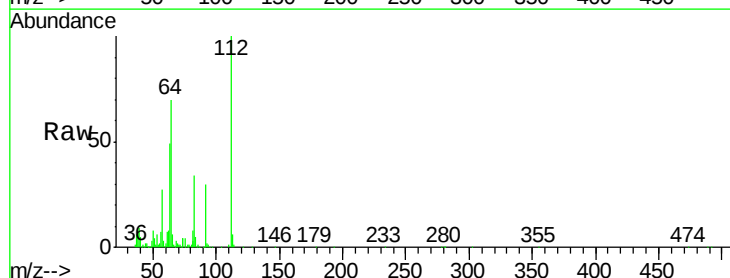
Tgt Ion:112 Resp: 313476

Ion Ratio Lower Upper

112 100

64 70.2 59.0 88.4

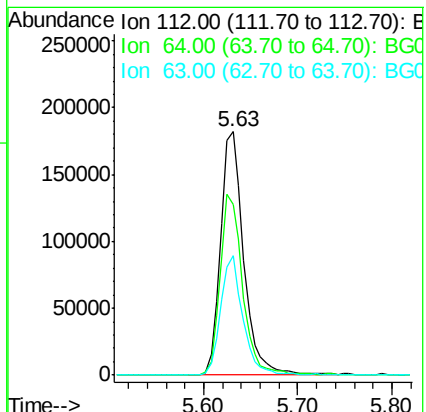
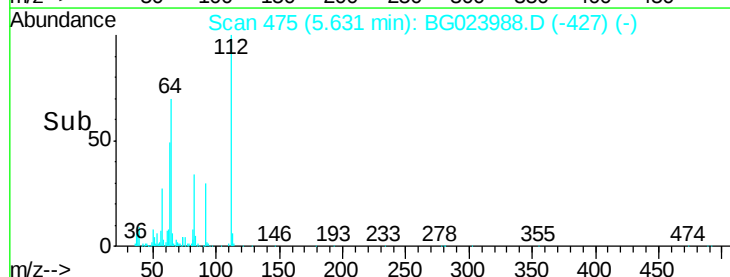
63 49.2 37.8 56.8

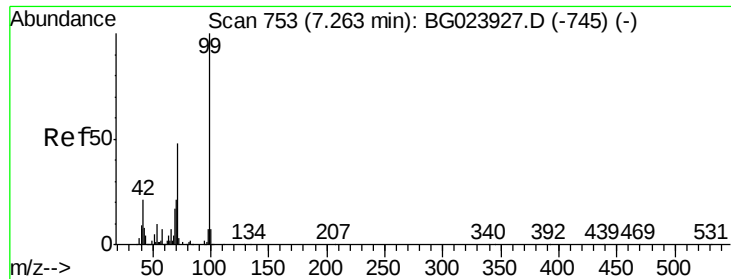


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.43 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

Instrument :

BNA_G

ClientSampleId :

HSR-WC-69-091216

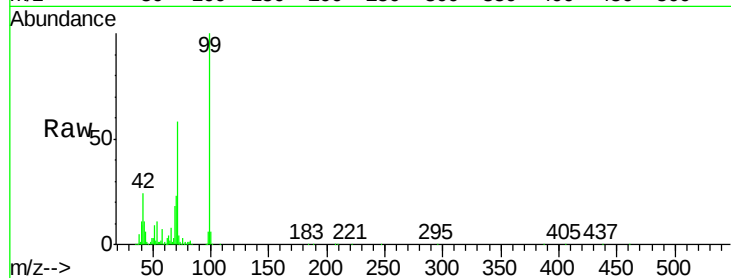
Tgt Ion: 99 Resp: 417636

Ion Ratio Lower Upper

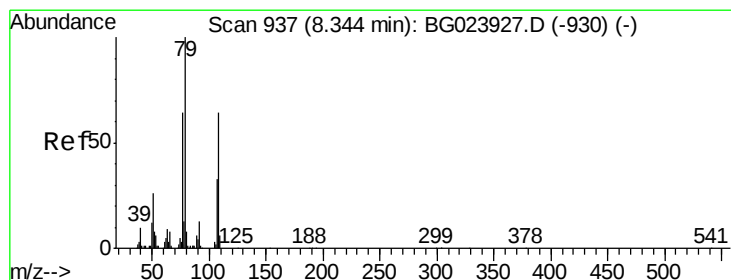
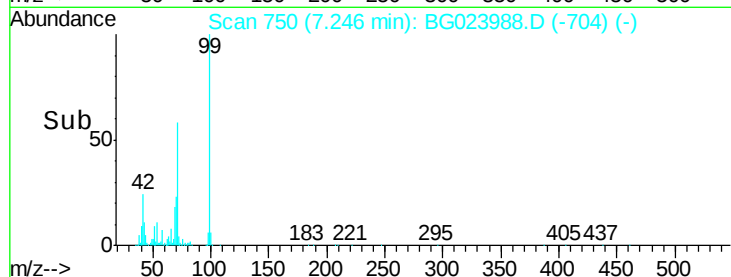
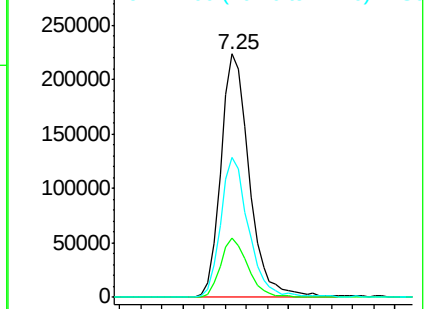
99 100

42 24.3 17.8 26.6

71 57.6 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



#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 8.40 min Scan# 947

Delta R.T. 0.05 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

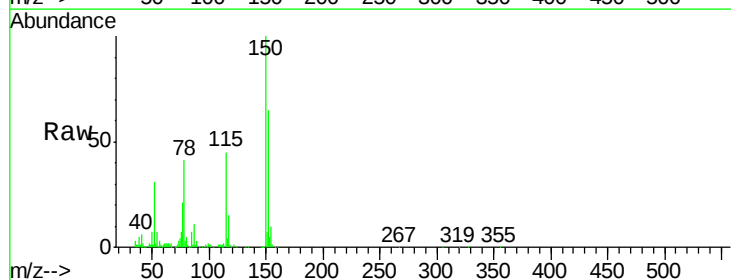
Tgt Ion: 79 Resp: 7792

Ion Ratio Lower Upper

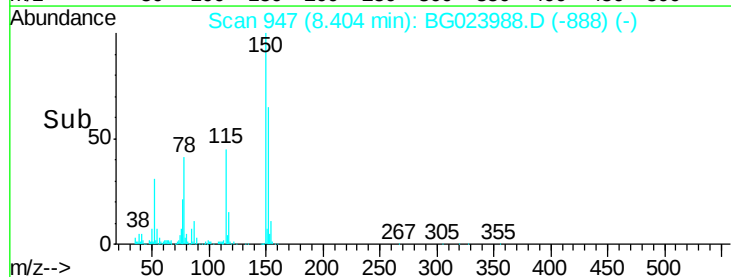
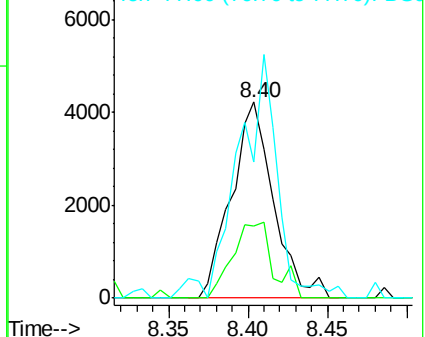
79 100

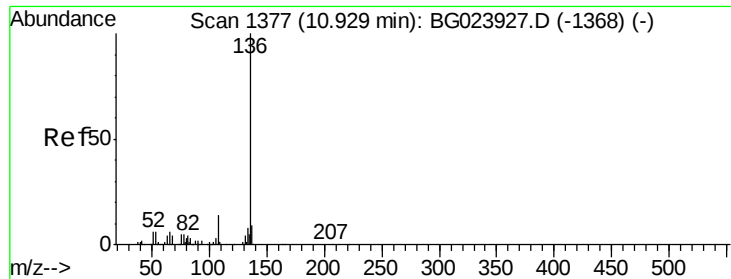
108 36.7 46.5 69.7#

77 69.5 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

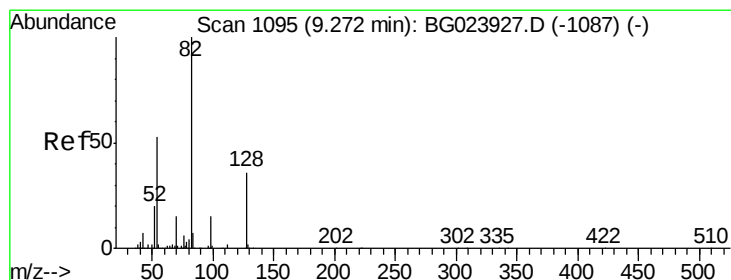
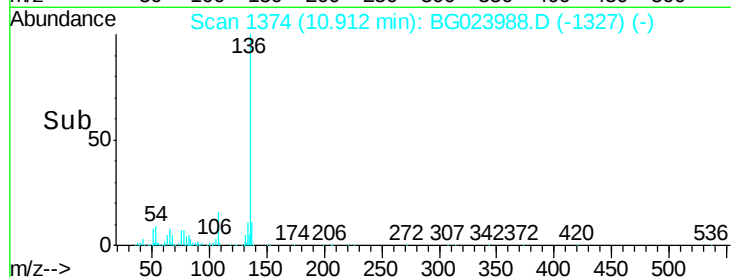
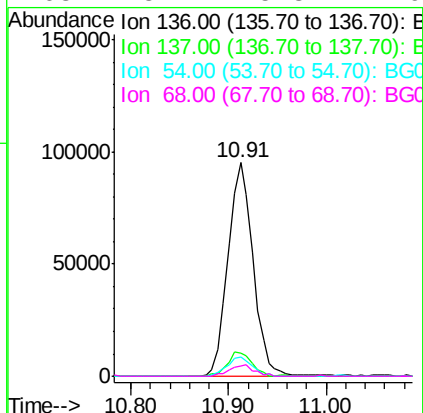
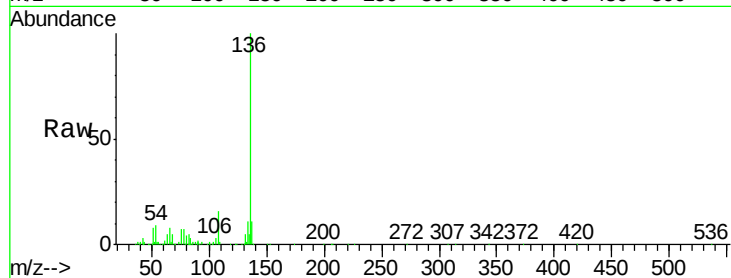




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

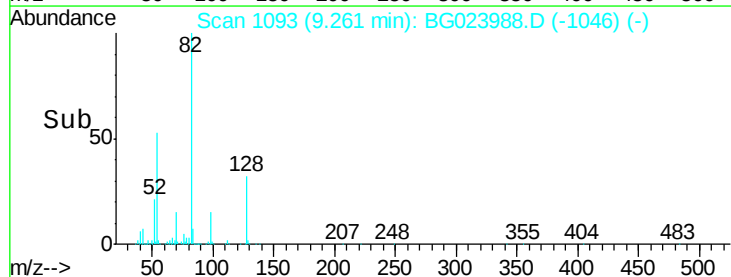
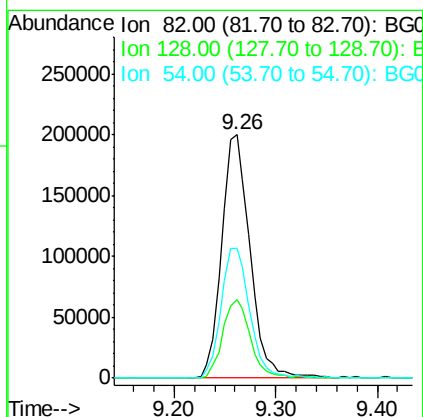
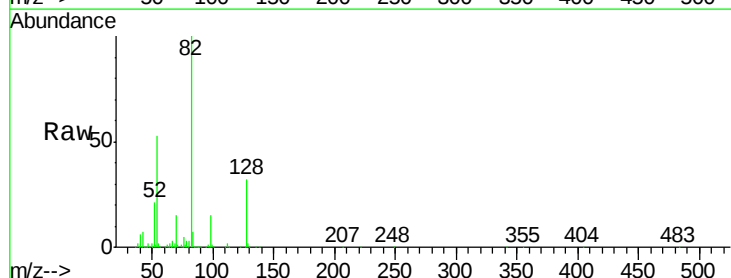
Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

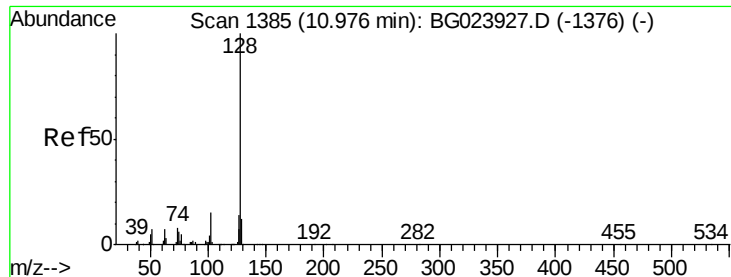
Tgt Ion:	136	Resp:	170522
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	9.2	7.3	10.9
68	5.1	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 101.59 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Tgt Ion:	82	Resp:	388037
Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	53.3	41.4	62.0





#31

Naphthalene

Concen: 9.22 ng

RT: 10.96 min Scan# 1383

Delta R.T. -0.02 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

Instrument :

BNA_G

ClientSampleId :

HSR-WC-69-091216

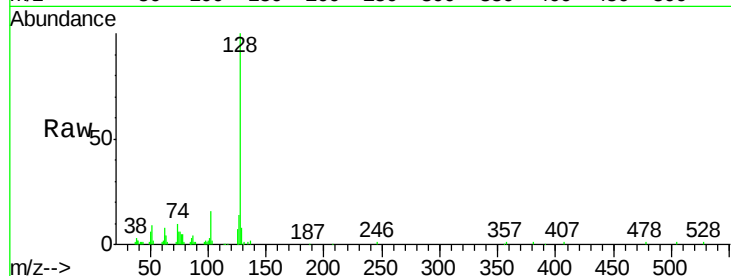
Tgt Ion:128 Resp: 81020

Ion Ratio Lower Upper

128 100

129 7.6 9.4 14.0#

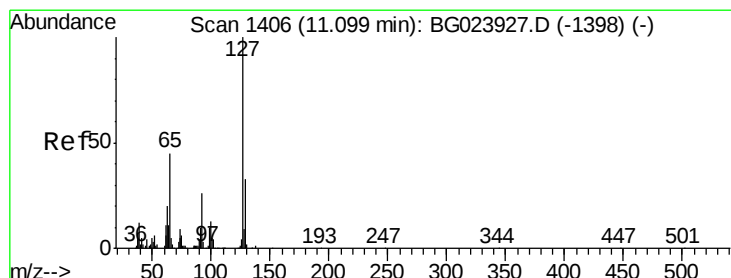
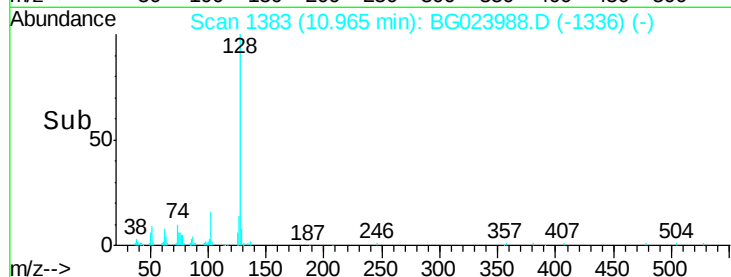
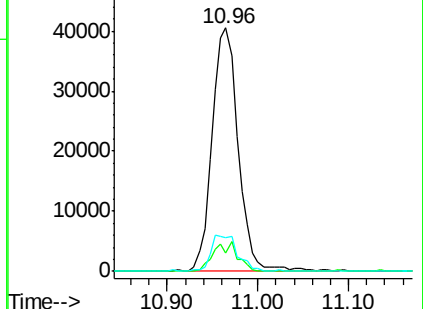
127 14.1 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 3.31 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.15 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

Tgt Ion:127 Resp: 12148

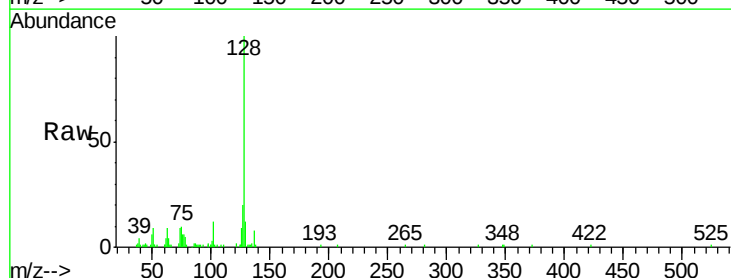
Ion Ratio Lower Upper

127 100

129 62.3 27.9 41.9#

65 3.9 36.8 55.2#

92 0.0 21.0 31.6#

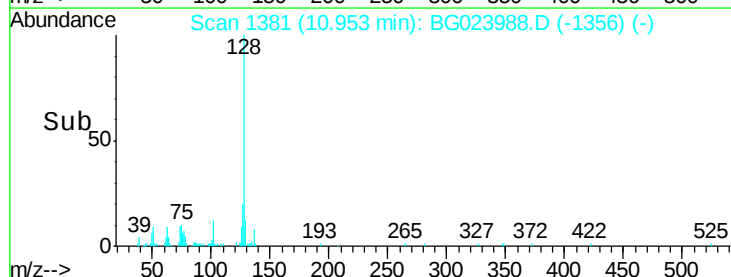
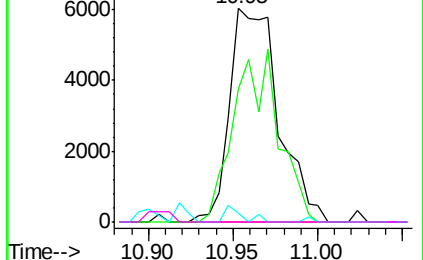


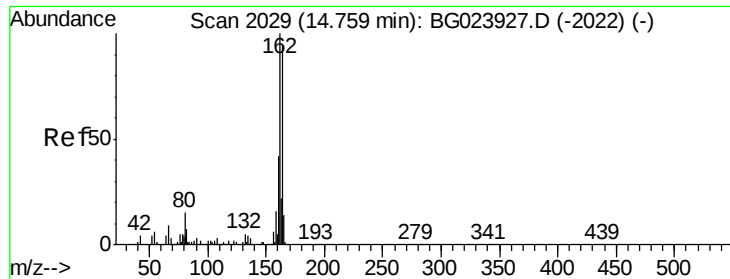
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

Instrument :

BNA_G

ClientSampleId :

HSR-WC-69-091216

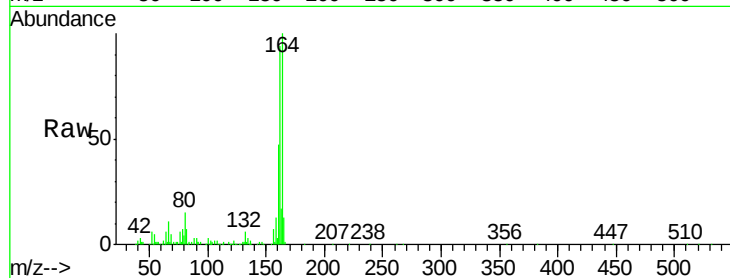
Tgt Ion:164 Resp: 150703

Ion Ratio Lower Upper

164 100

162 94.3 87.7 131.5

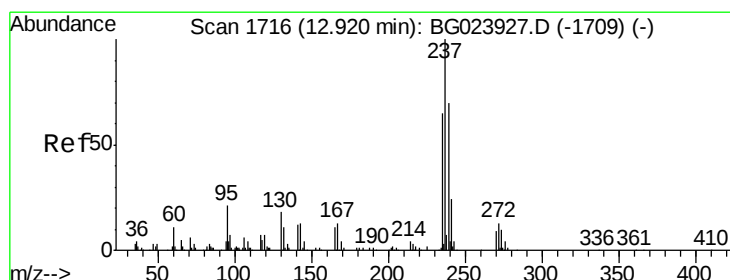
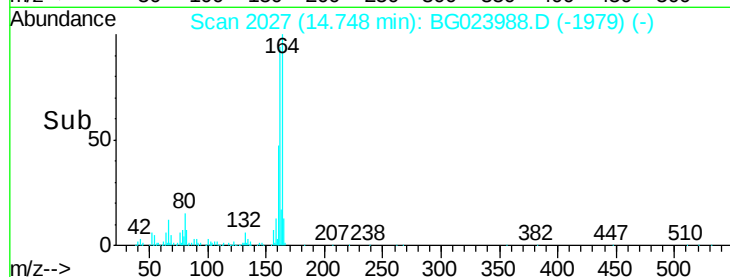
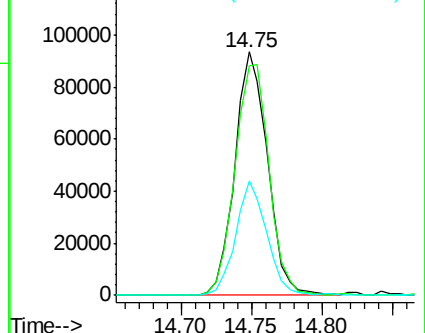
160 47.0 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.10 ng

RT: 12.89 min Scan# 1711

Delta R.T. -0.03 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

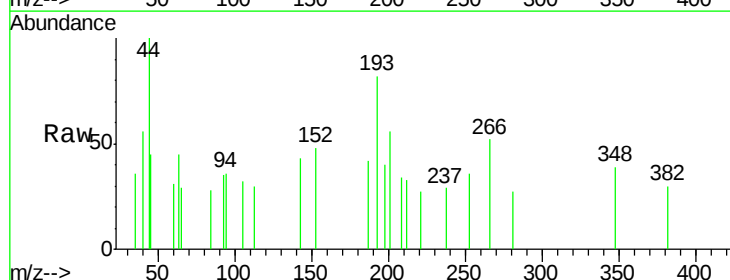
Tgt Ion:237 Resp: 58

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

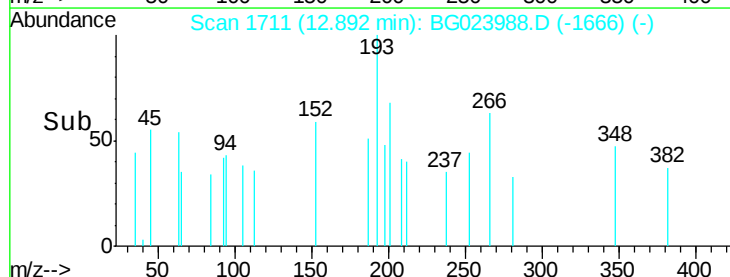
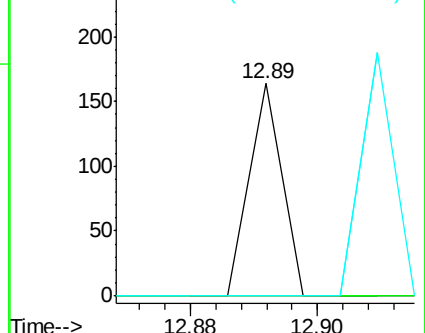
272 0.0 0.0 30.9

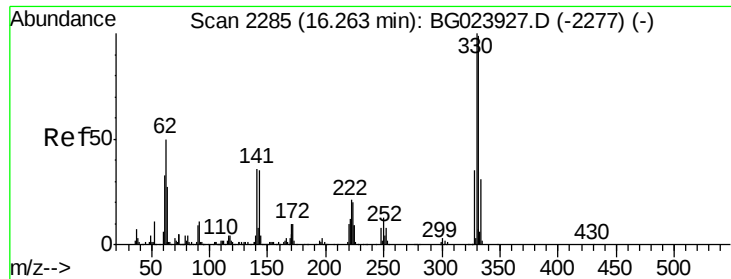


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

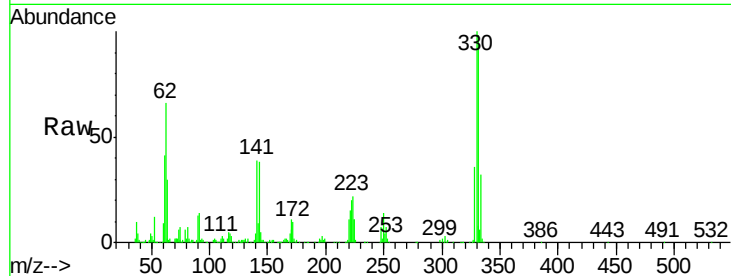




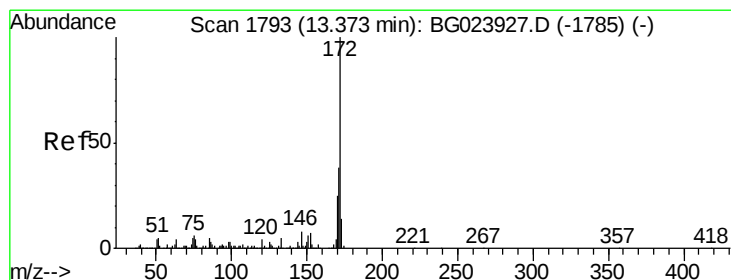
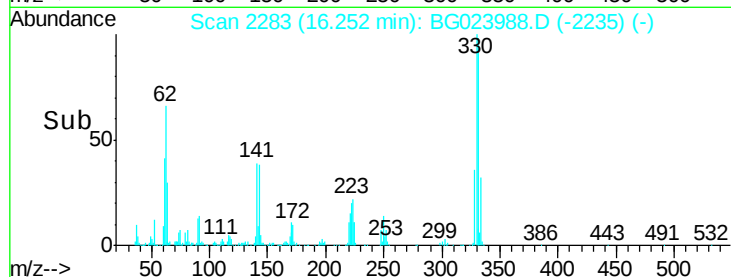
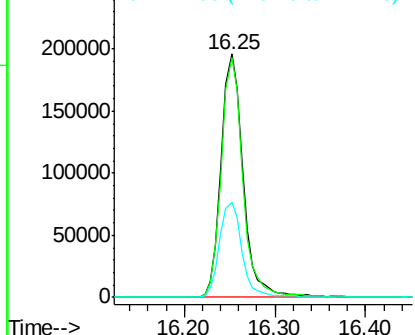
#41
 2,4,6-Tribromophenol
 Concen: 121.82 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BG023988.D
 Acq: 14 Sep 2016 19:03

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216

Tgt Ion:330 Resp: 330754
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 39.4 31.7 47.5

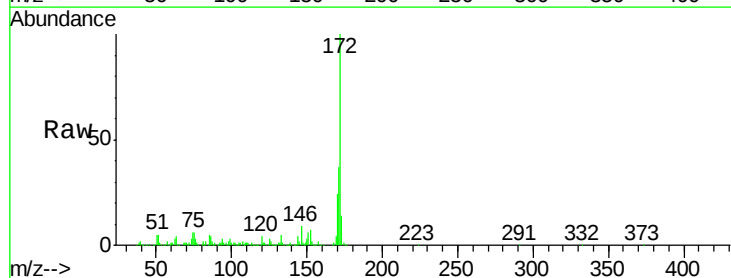


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

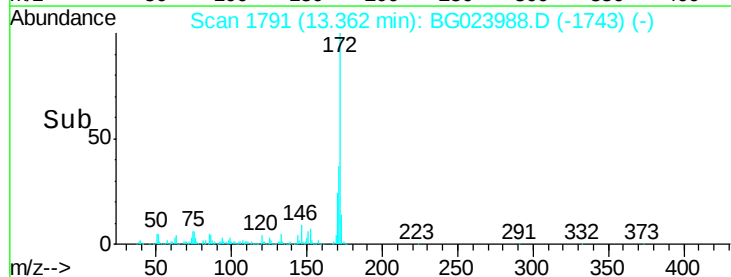
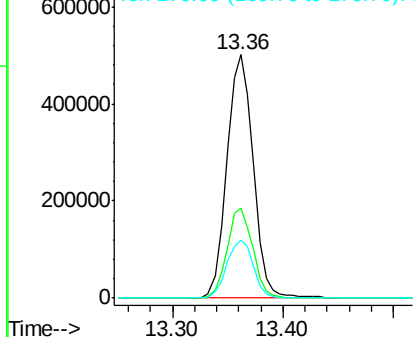


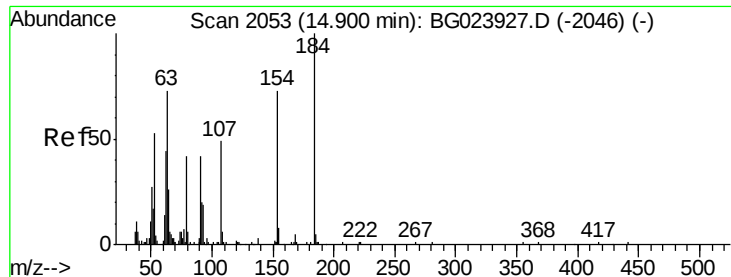
#44
 2-Fluorobiphenyl
 Concen: 79.54 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG023988.D
 Acq: 14 Sep 2016 19:03

Tgt Ion:172 Resp: 836079
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.6 47.4
 170 24.0 21.3 31.9



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

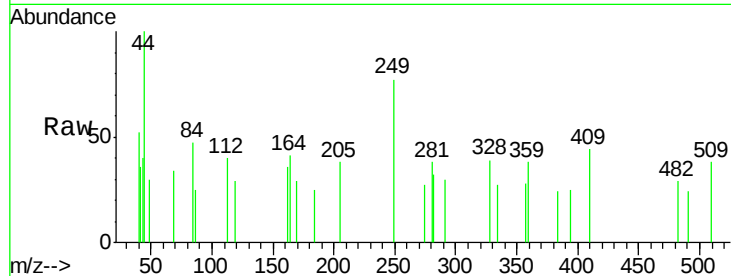




#53
 2,4-Dinitrophenol
 Concen: 6.54 ng
 RT: 15.08 min Scan# 2083
 Delta R.T. 0.17 min
 Lab File: BG023988.D
 Acq: 14 Sep 2016 19:03

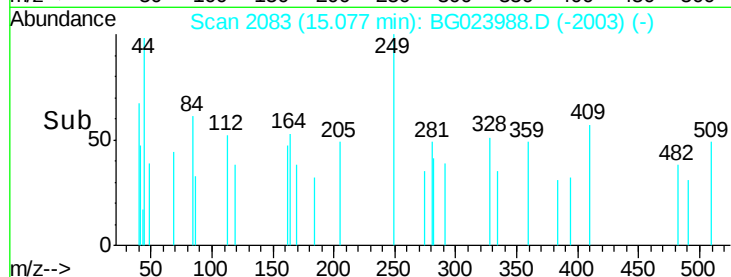
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-69-091216

Tgt Ion:184 Resp: 57
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 0.0 67.4 101.0#

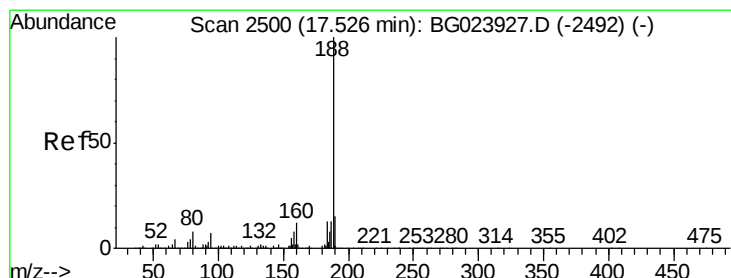


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

15.08

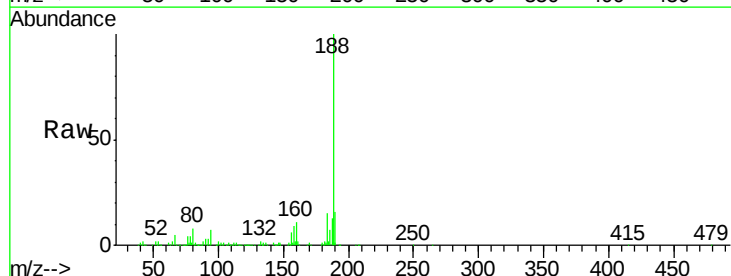


Time-->



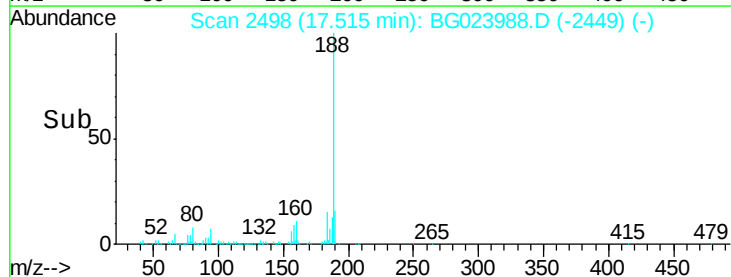
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.51 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG023988.D
 Acq: 14 Sep 2016 19:03

Tgt Ion:188 Resp: 354589
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.2 7.8
 80 8.1 7.2 10.8

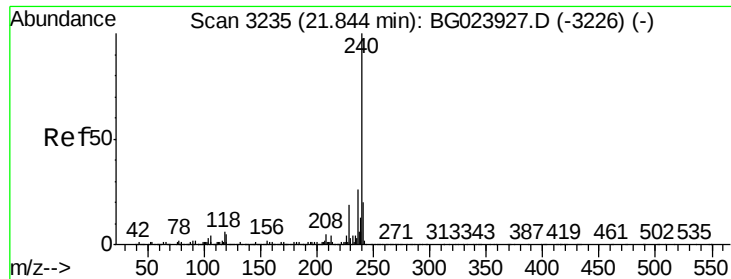


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

17.51



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.02 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

Instrument :

BNA_G

ClientSampleId :

HSR-WC-69-091216

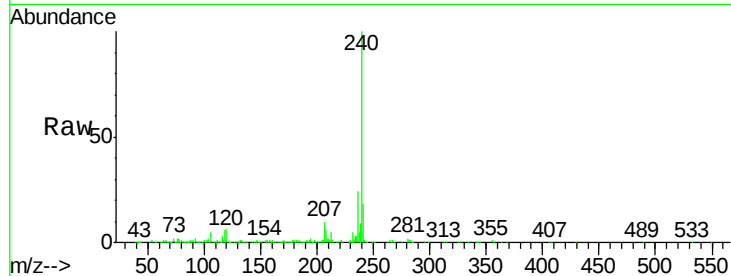
Tgt Ion:240 Resp: 382260

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

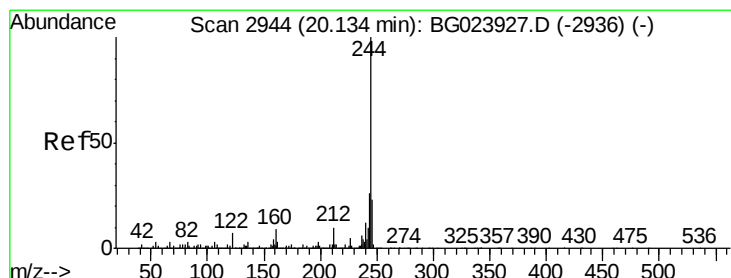
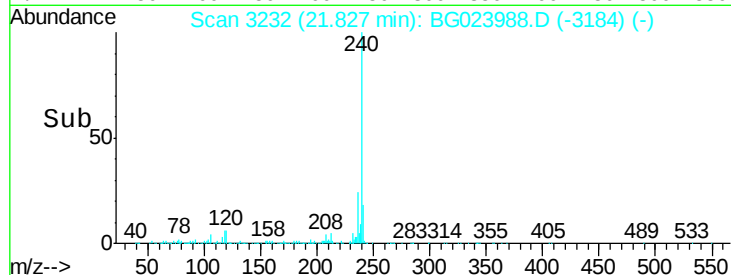
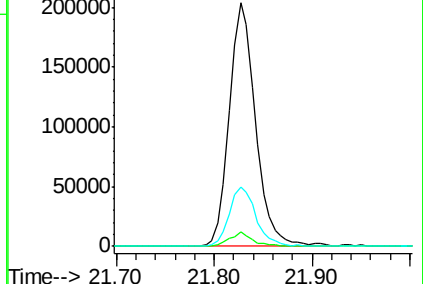
236 24.5 21.1 31.7



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: 91.29 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG023988.D

Acq: 14 Sep 2016 19:03

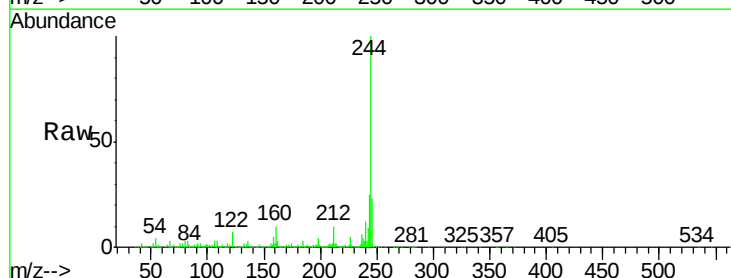
Tgt Ion:244 Resp: 1532329

Ion Ratio Lower Upper

244 100

212 10.0 10.8 16.2#

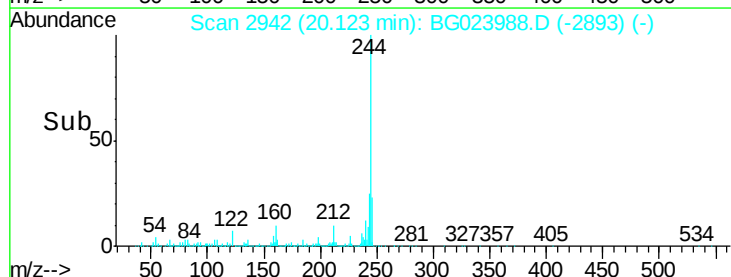
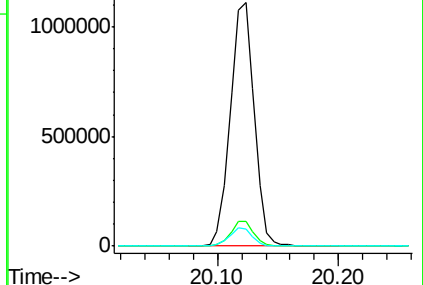
122 7.1 8.0 12.0#

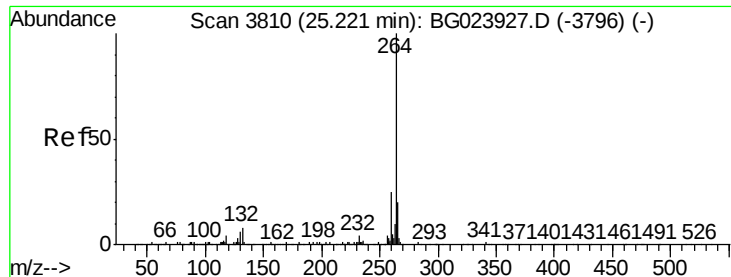


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.20 min Scan# 3806
Delta R.T. -0.01 min
Lab File: BG023988.D
Acq: 14 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216

Tgt Ion:	264	Resp:	348963
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	23.4	18.9	28.3

