

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
 Data File : BG024003.D
 Acq On : 16 Sep 2016 21:15
 Operator : UM/SJ
 Sample : H4813-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: Sep 17 00:11:24 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

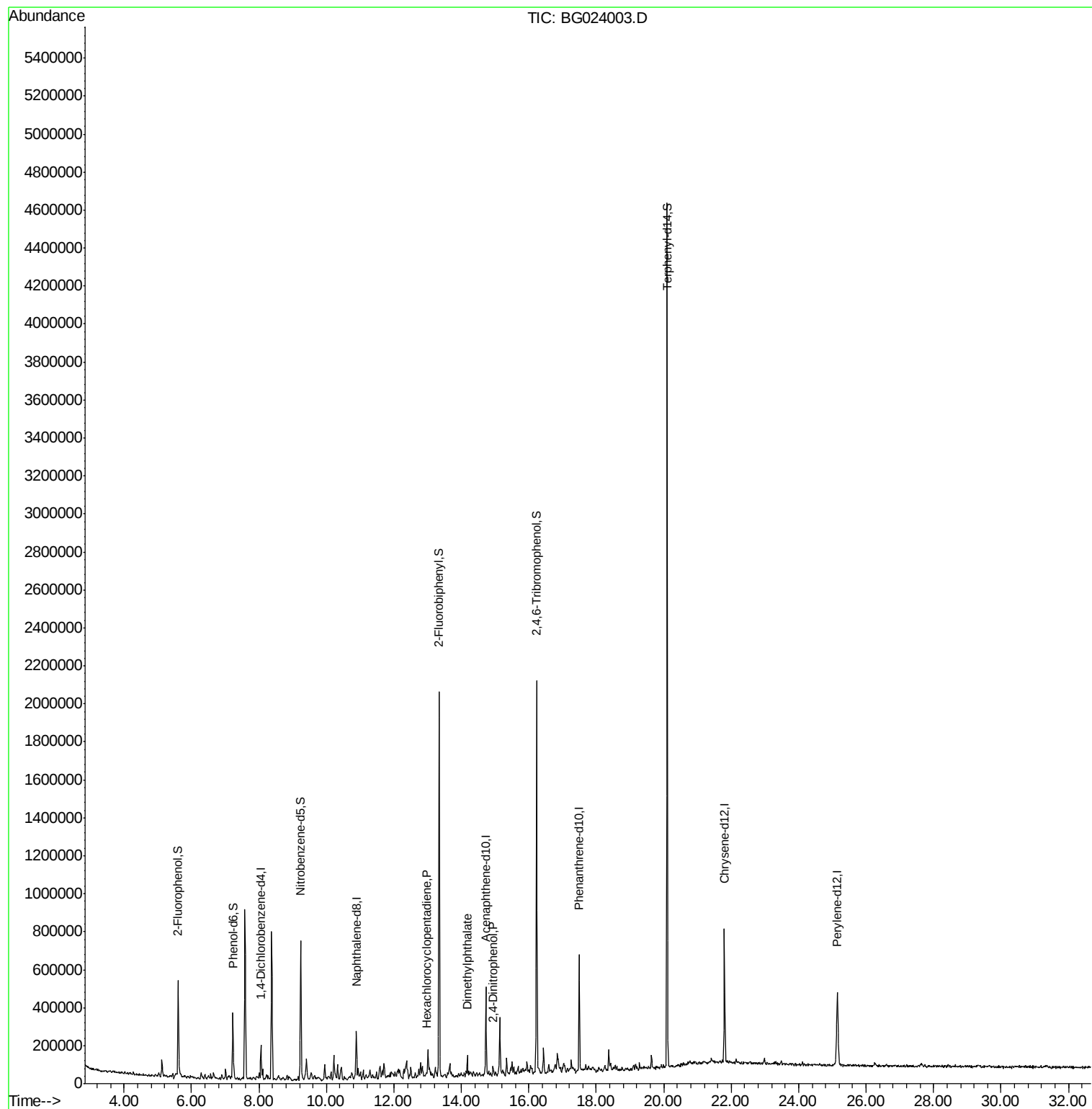
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42675	20.00	ng	-0.05
21) Naphthalene-d8	10.88	136	190064	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	154954	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	359568	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	463402	20.00	ng	-0.04
86) Perylene-d12	25.15	264	469298	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	197083	81.08	ng	-0.04
7) Phenol-d6	7.23	99	195777	52.32	ng	-0.05
23) Nitrobenzene-d5	9.23	82	458393	107.67	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	357013	127.88	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	952210	88.10	ng	-0.04
78) Terphenyl-d14	20.10	244	1789336	87.94	ng	-0.03
Target Compounds						
40) Hexachlorocyclopentadiene	12.97	237	53	7.10	ng	# 26
49) Dimethylphthalate	14.18	163	26750	2.01	ng	97
53) 2,4-Dinitrophenol	14.95	184	64	6.54	ng	# 1

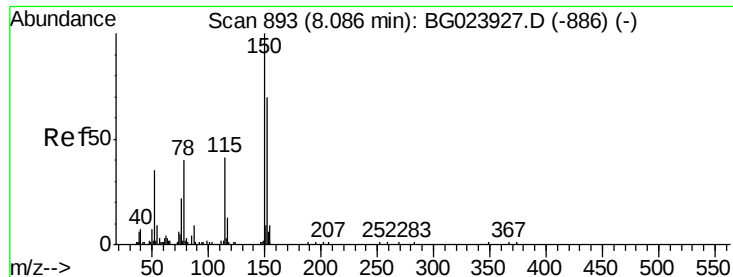
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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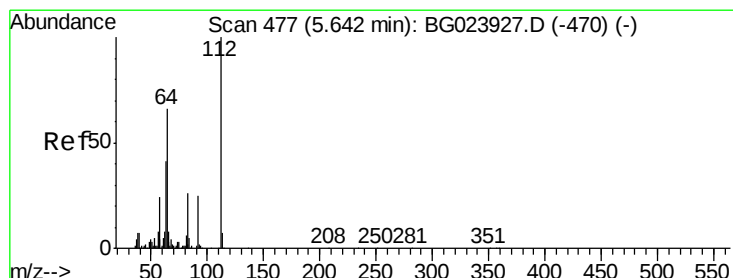
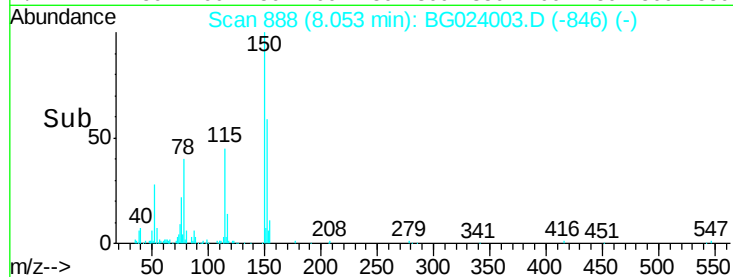
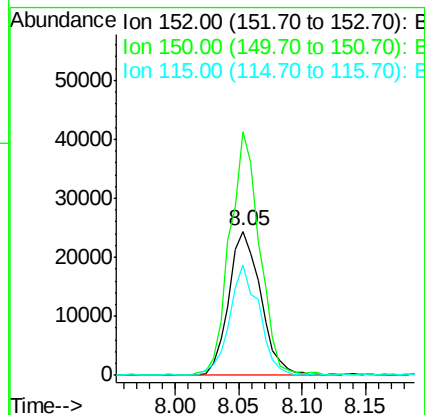
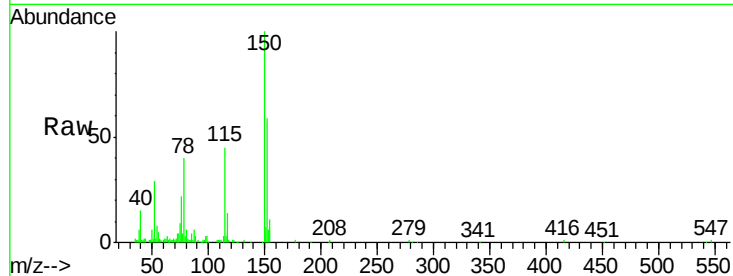


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.05 min
Lab File: BG024003.D
Acq: 16 Sep 2016 21:15

Instrument :
BNA_G
ClientSampleId :
SB-2

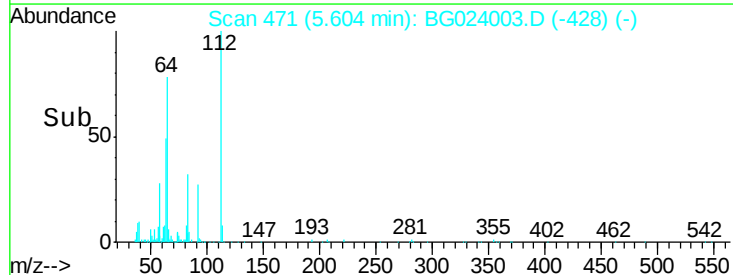
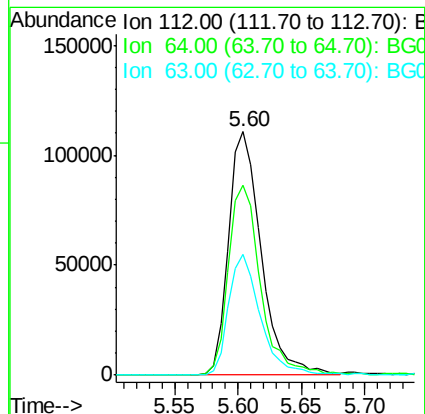
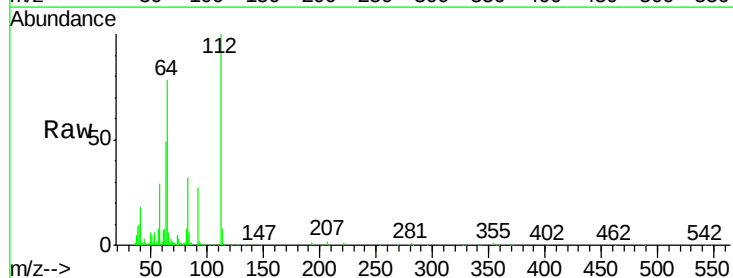
Tgt Ion:152 Resp: 42675
Ion Ratio Lower Upper
152 100
150 169.2 144.7 217.1
115 76.4 64.0 96.0

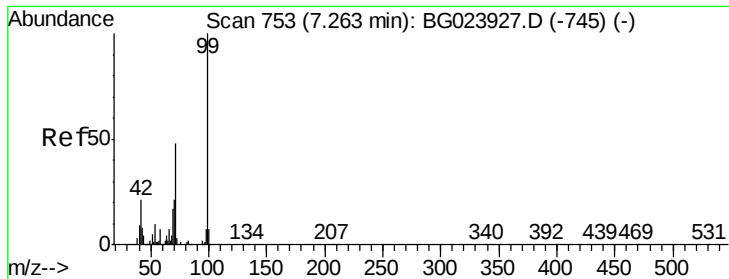


#5

2-Fluorophenol
Concen: 81.08 ng
RT: 5.60 min Scan# 471
Delta R.T. -0.04 min
Lab File: BG024003.D
Acq: 16 Sep 2016 21:15

Tgt Ion:112 Resp: 197083
Ion Ratio Lower Upper
112 100
64 78.1 59.0 88.4
63 49.4 37.8 56.8





#7

Phenol-d6

Concen: 52.32 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

Instrument :

BNA_G

ClientSampleId :

SB-2

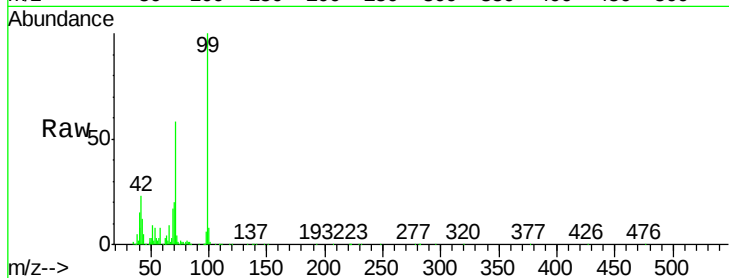
Tgt Ion: 99 Resp: 195777

Ion Ratio Lower Upper

99 100

42 23.2 17.8 26.6

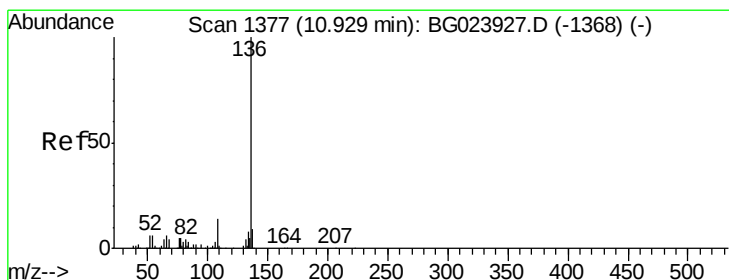
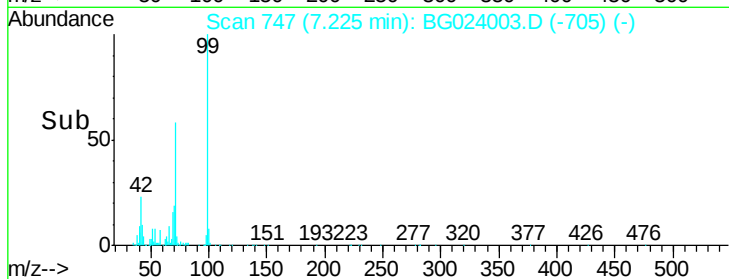
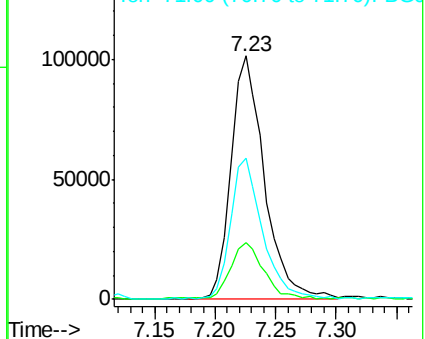
71 57.8 41.5 62.3



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: 10.88 min Scan# 1370

Delta R.T. -0.05 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

Tgt Ion: 136 Resp: 190064

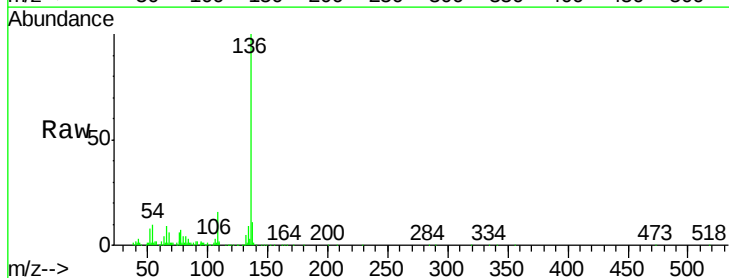
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 9.5 7.3 10.9

68 5.6 5.3 7.9

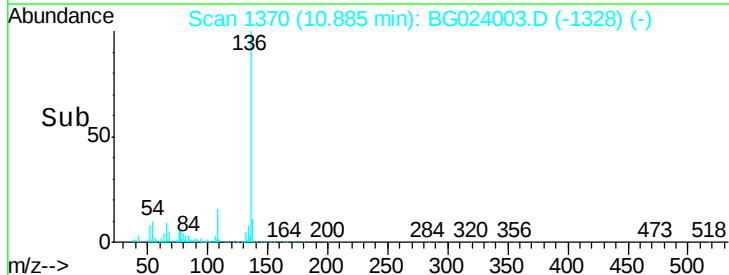
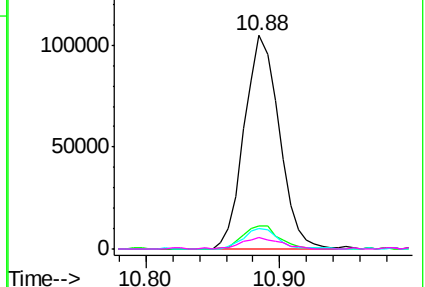


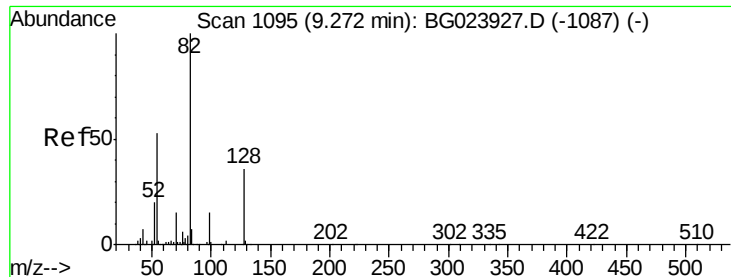
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

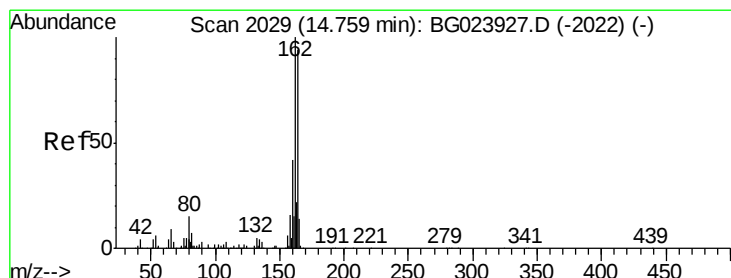
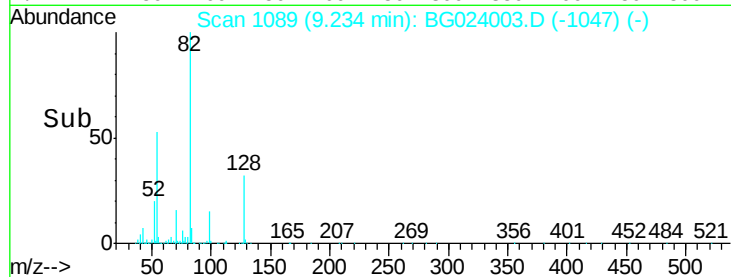
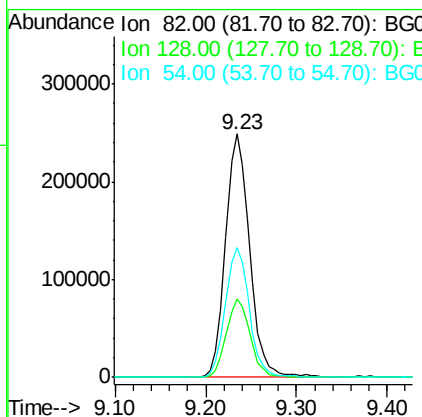
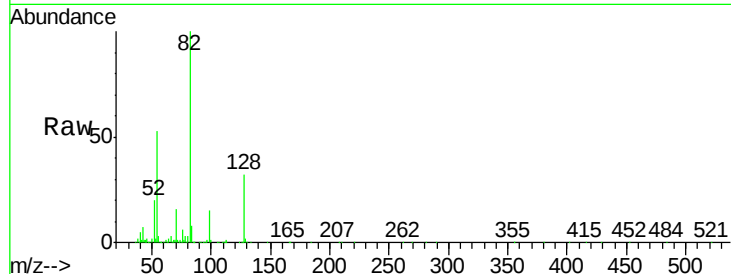




#23
 Nitrobenzene-d5
 Concen: 107.67 ng
 RT: 9.23 min Scan# 1089
 Delta R.T. -0.05 min
 Lab File: BG024003.D
 Acq: 16 Sep 2016 21:15

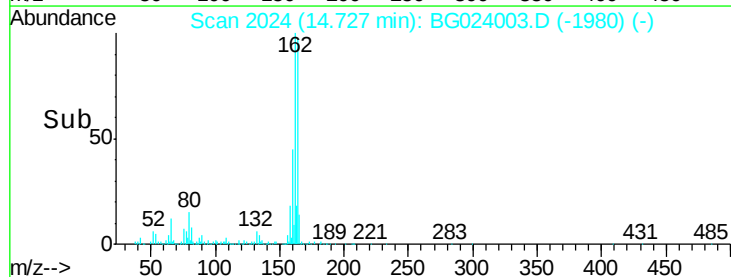
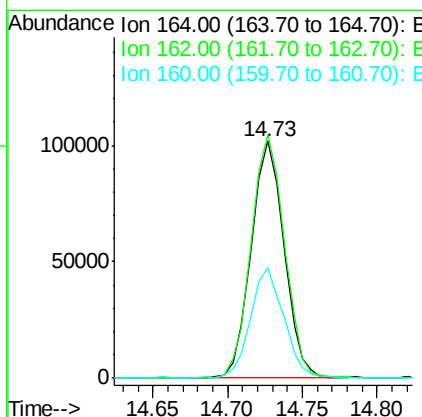
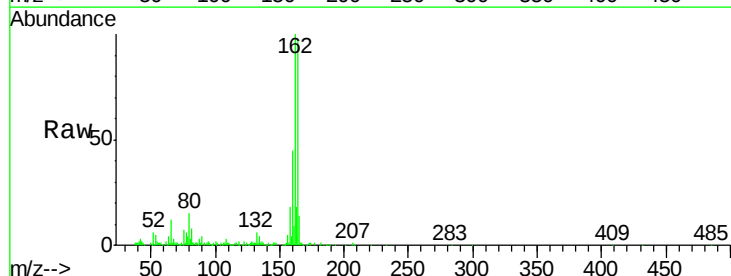
Instrument :
 BNA_G
 ClientSampleId :
 SB-2

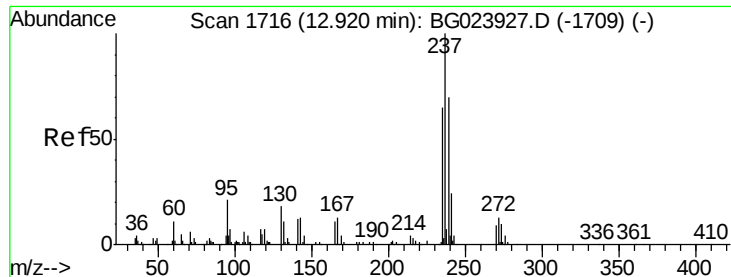
Tgt Ion: 82 Resp: 458393
 Ion Ratio Lower Upper
 82 100
 128 32.1 24.4 36.6
 54 53.1 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.04 min
 Lab File: BG024003.D
 Acq: 16 Sep 2016 21:15

Tgt Ion: 164 Resp: 154954
 Ion Ratio Lower Upper
 164 100
 162 102.7 87.7 131.5
 160 46.7 37.2 55.8

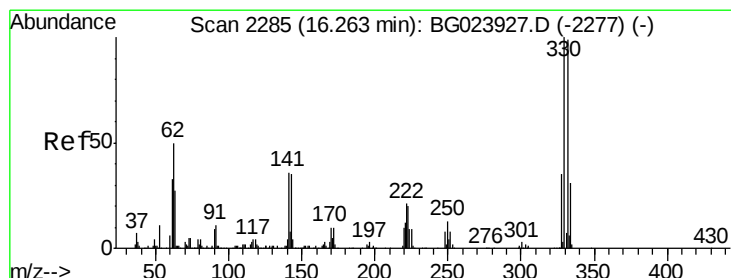
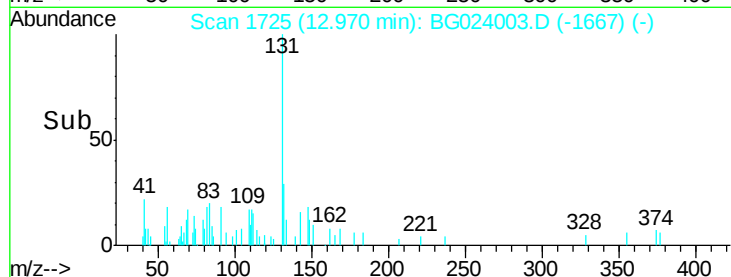
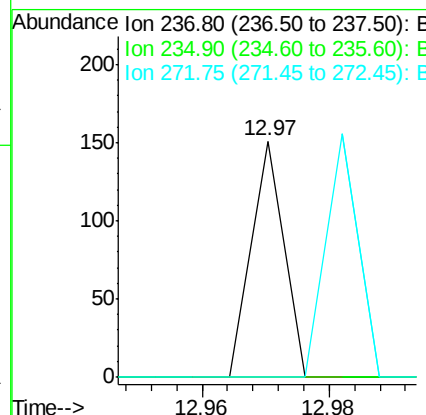
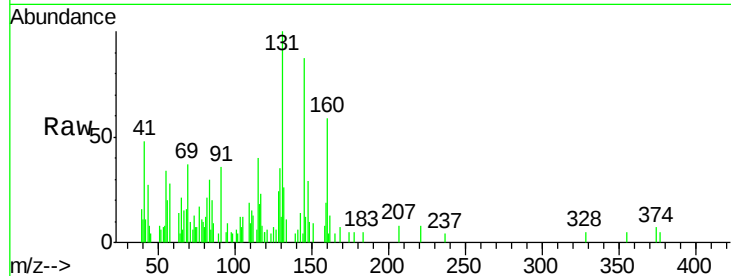




#40
Hexachlorocyclopentadiene
Concen: 7.10 ng
RT: 12.97 min Scan# 1725
Delta R.T. 0.04 min
Lab File: BG024003.D
Acq: 16 Sep 2016 21:15

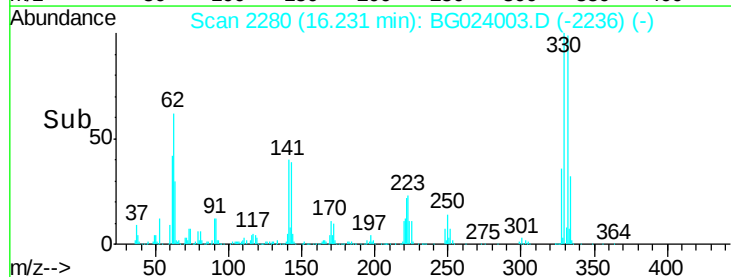
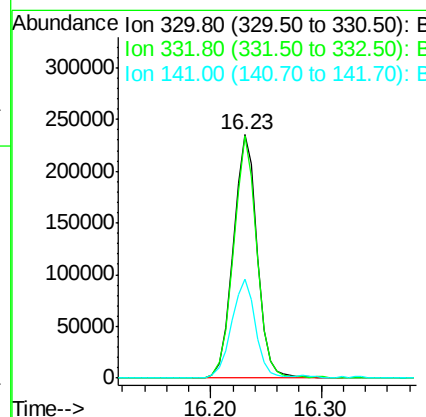
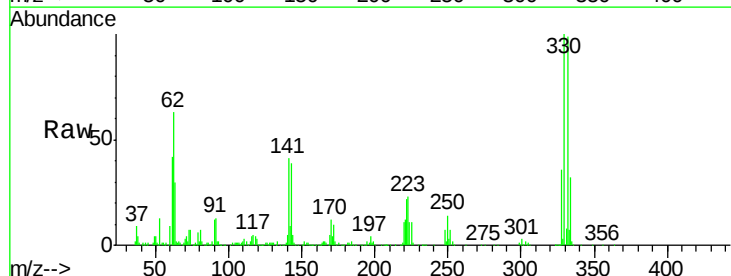
Instrument :
BNA_G
ClientSampleId :
SB-2

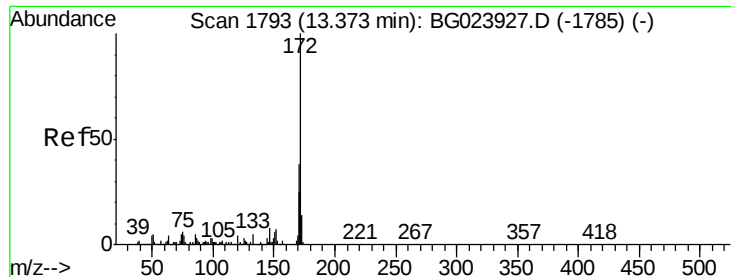
Tgt Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



#41
2,4,6-Tribromophenol
Concen: 127.88 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.04 min
Lab File: BG024003.D
Acq: 16 Sep 2016 21:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	40.5	31.7	47.5





#44

2-Fluorobiphenyl

Concen: 88.10 ng

RT: 13.34 min Scan# 1788

Delta R.T. -0.04 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

Instrument :

BNA_G

ClientSampleId :

SB-2

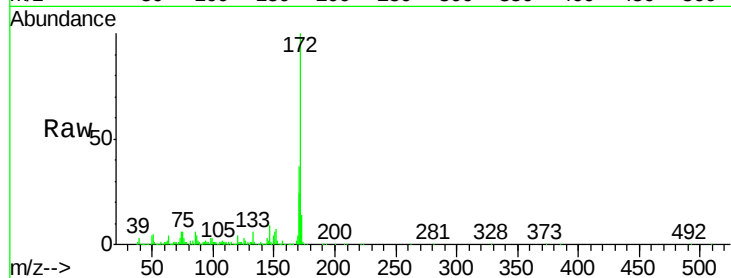
Tgt Ion:172 Resp: 952210

Ion Ratio Lower Upper

172 100

171 37.3 31.6 47.4

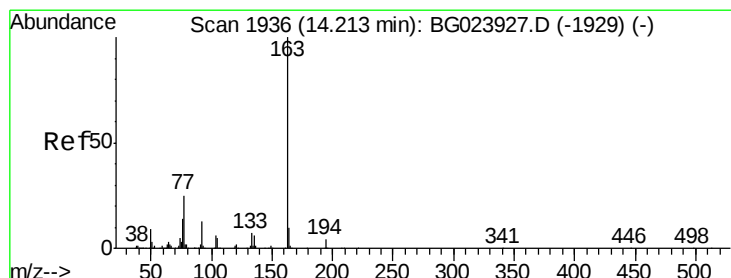
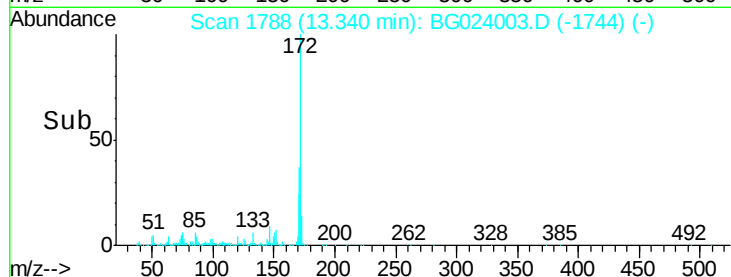
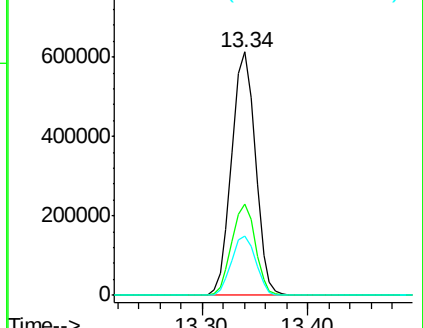
170 24.3 21.3 31.9



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



#49

Dimethylphthalate

Concen: 2.01 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

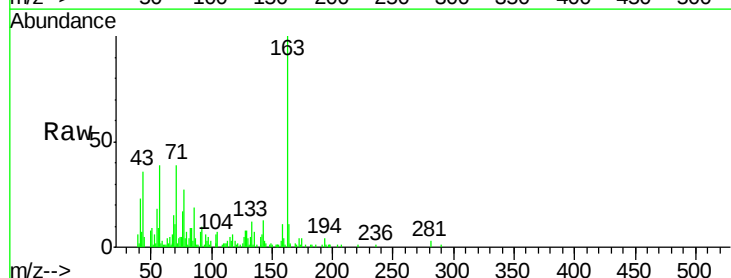
Tgt Ion:163 Resp: 26750

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

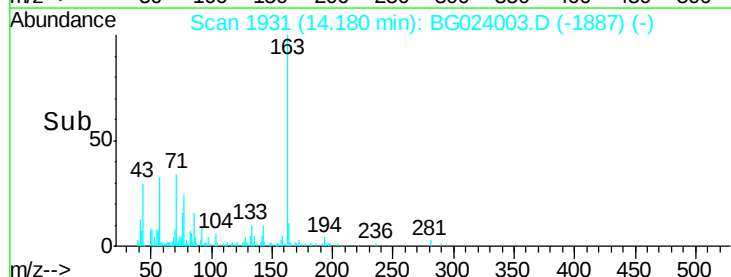
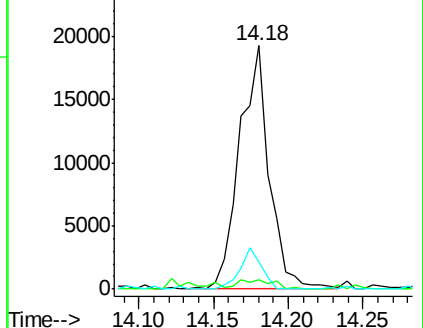
164 11.2 8.1 12.1

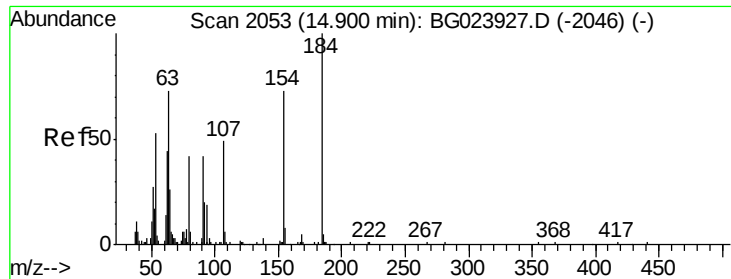


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

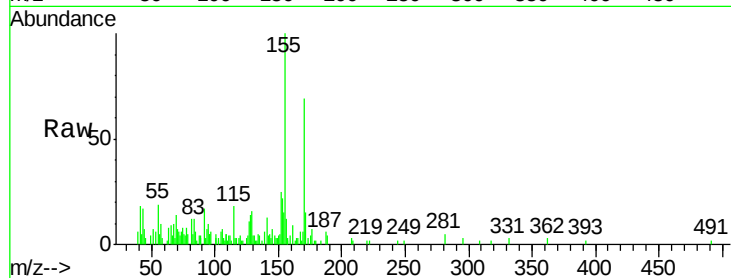




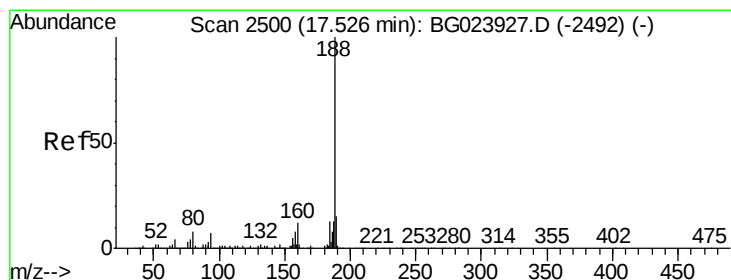
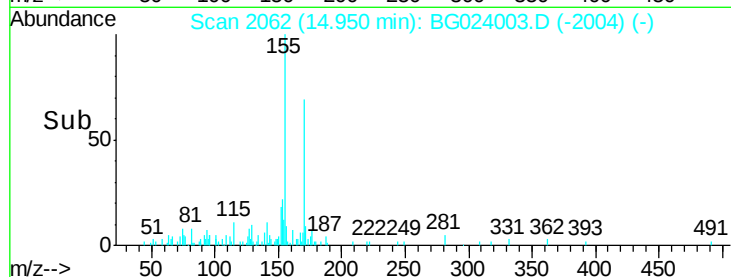
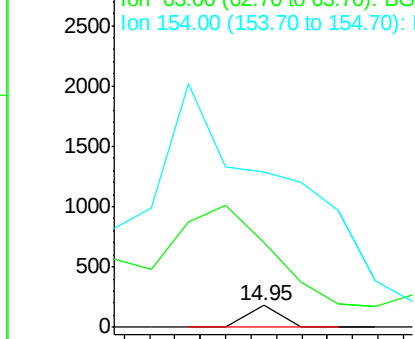
#53
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.95 min Scan# 2062
Delta R.T. 0.04 min
Lab File: BG024003.D
Acq: 16 Sep 2016 21:15

Instrument :
BNA_G
ClientSampleId :
SB-2

Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 385.6 59.6 89.4#
154 712.7 67.4 101.0#

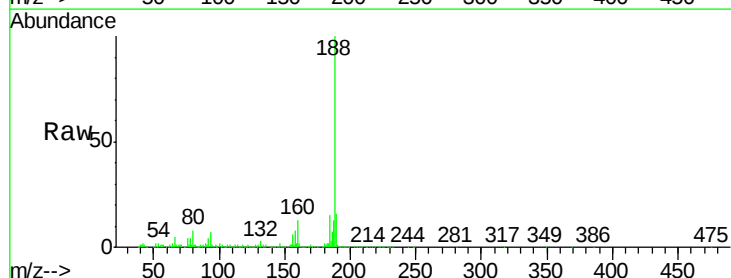


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

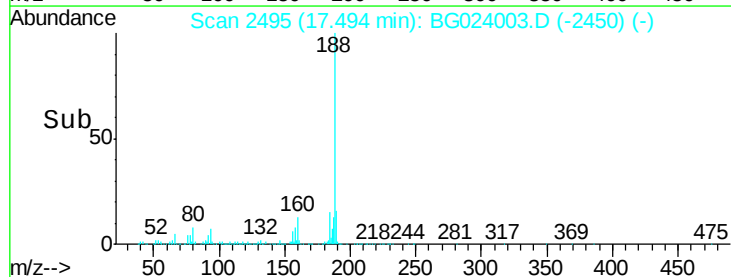
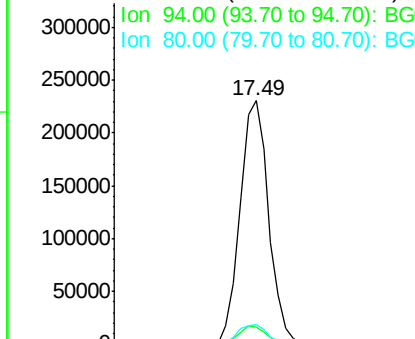


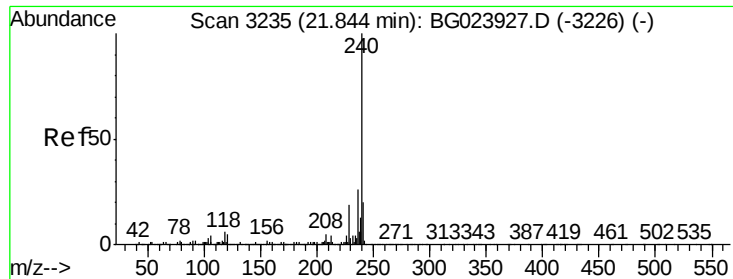
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2495
Delta R.T. -0.03 min
Lab File: BG024003.D
Acq: 16 Sep 2016 21:15

Tgt Ion:188 Resp: 359568
Ion Ratio Lower Upper
188 100
94 7.1 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.04 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

Instrument :

BNA_G

ClientSampleId :

SB-2

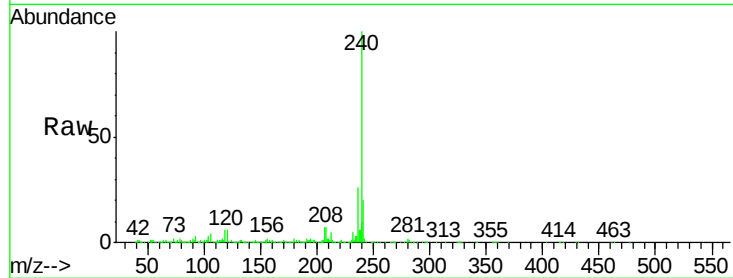
Tgt Ion:240 Resp: 463402

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

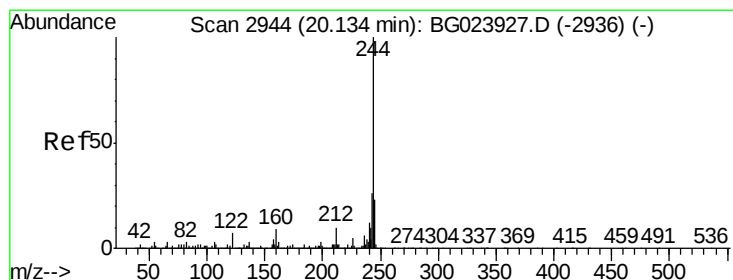
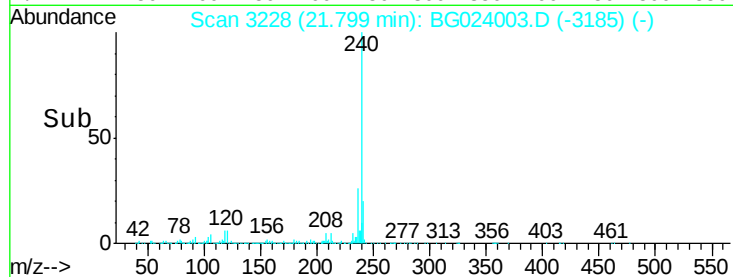
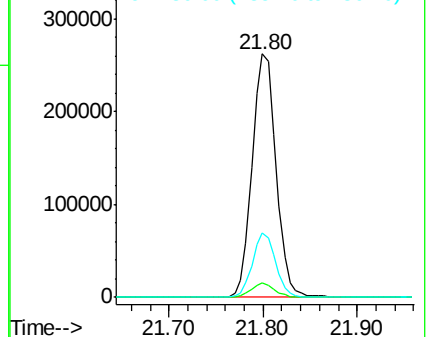
236 26.2 21.1 31.7



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: 87.94 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

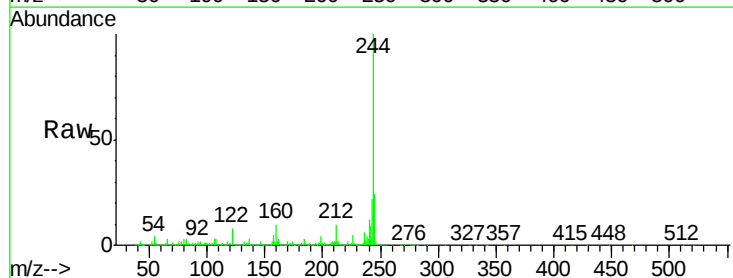
Tgt Ion:244 Resp: 1789336

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

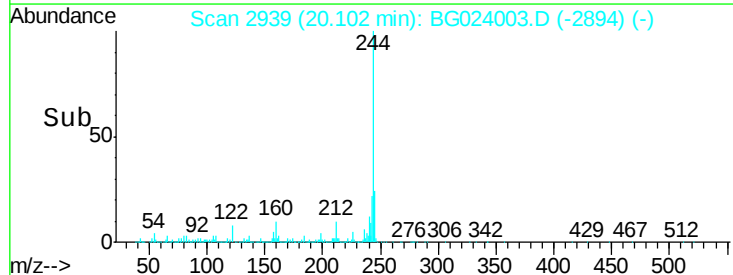
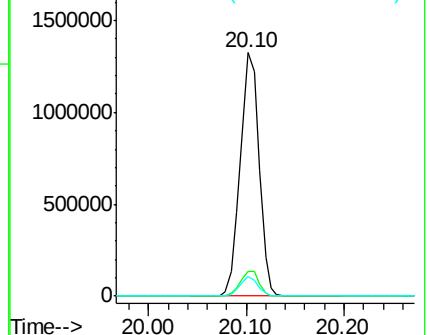
122 8.0 8.0 12.0

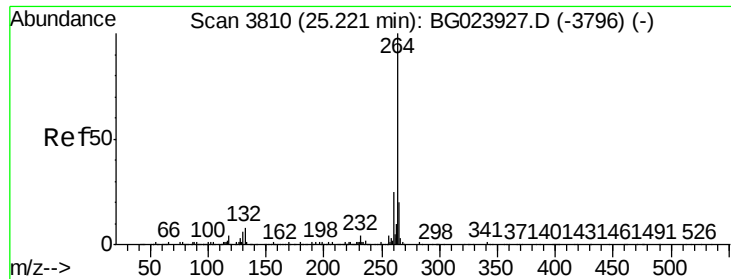


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.15 min Scan# 3798

Delta R.T. -0.06 min

Lab File: BG024003.D

Acq: 16 Sep 2016 21:15

Instrument :

BNA_G

ClientSampleId :

SB-2

Tgt Ion: 264 Resp: 469298

Ion Ratio Lower Upper

264 100

260 21.6 18.4 27.6

265 21.1 18.9 28.3

