

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
 Data File : BG024005.D
 Acq On : 16 Sep 2016 22:32
 Operator : UM/SJ
 Sample : H4813-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4

Quant Time: Sep 17 00:11:50 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

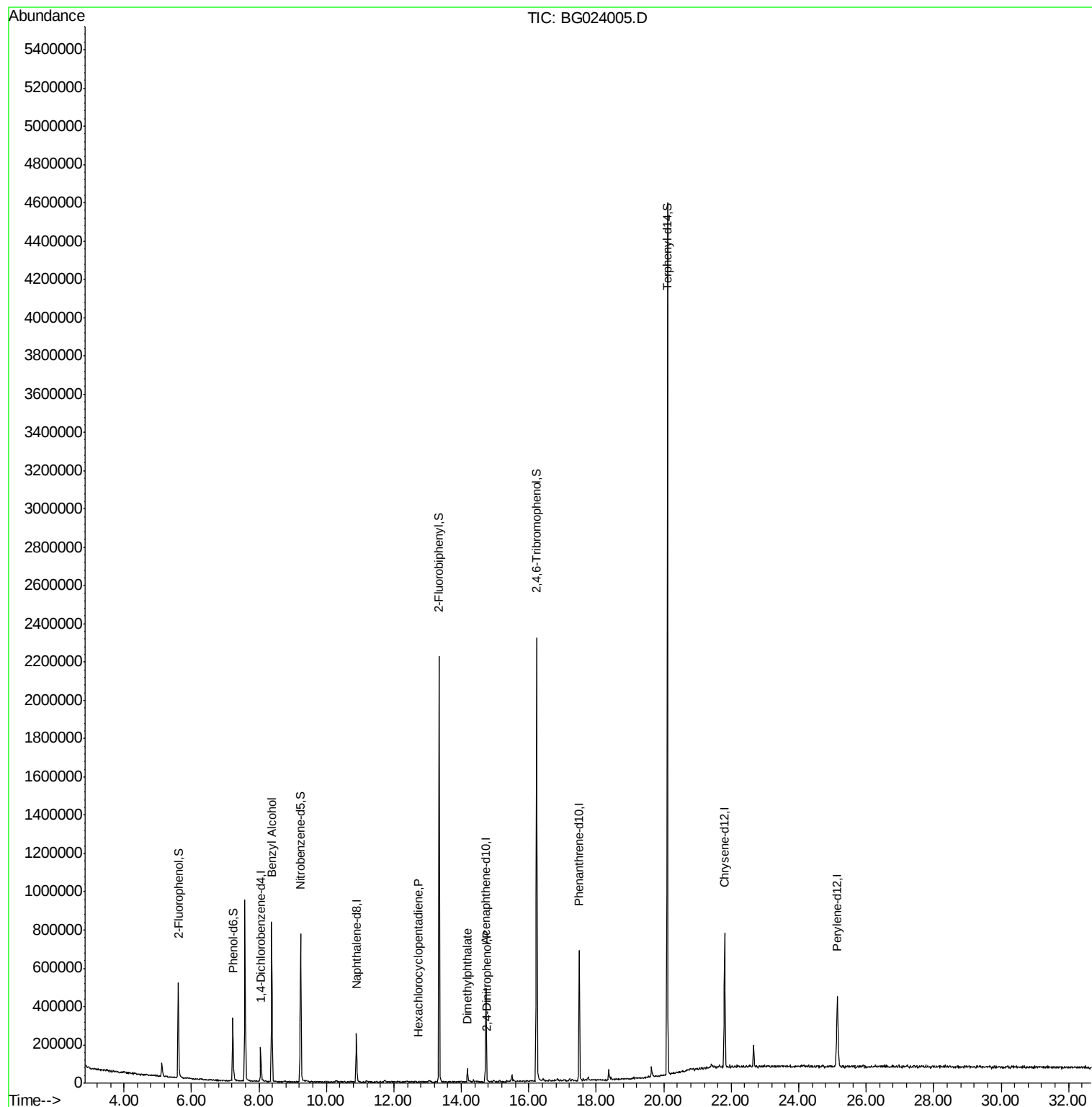
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46134	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	200859	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	178198	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	425181	20.00	ng	-0.04
75) Chrysene-d12	21.80	240	446669	20.00	ng	-0.04
86) Perylene-d12	25.15	264	458624	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	200867	76.44	ng	-0.04
7) Phenol-d6	7.23	99	191028	47.23	ng	-0.05
23) Nitrobenzene-d5	9.24	82	496621	110.38	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	416855	129.84	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	1053431	84.76	ng	-0.04
78) Terphenyl-d14	20.11	244	1825368	93.07	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.38	79	9338	2.62	ng	# 66
40) Hexachlorocyclopentadiene	12.74	237	63	7.10	ng	# 26
49) Dimethylphthalate	14.18	163	42270	2.77	ng	# 98
53) 2,4-Dinitrophenol	14.76	184	57	6.53	ng	# 10

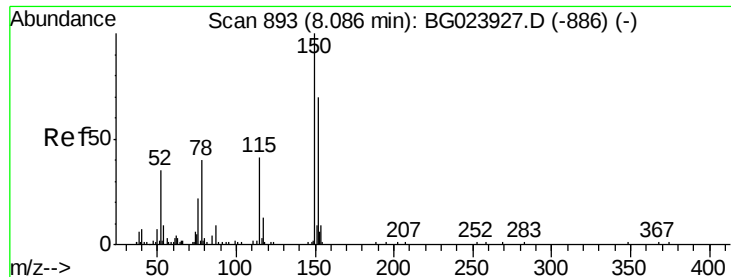
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.05 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

Instrument :

BNA_G

ClientSampleId :

SB-4

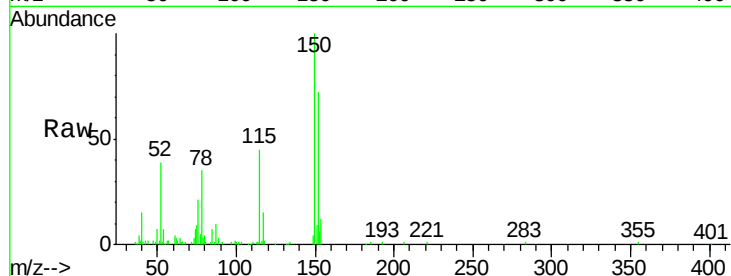
Tgt Ion:152 Resp: 46134

Ion Ratio Lower Upper

152 100

150 138.6 144.7 217.1#

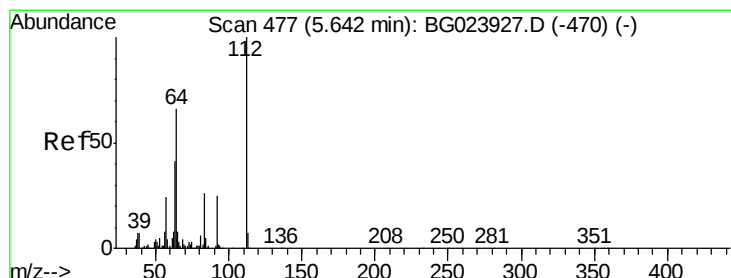
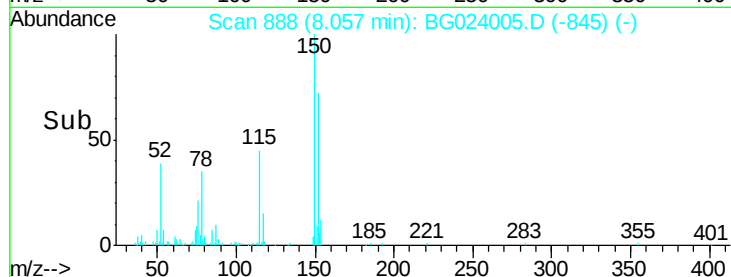
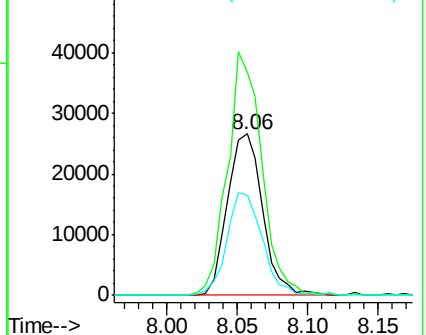
115 62.4 64.0 96.0#



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: 76.44 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

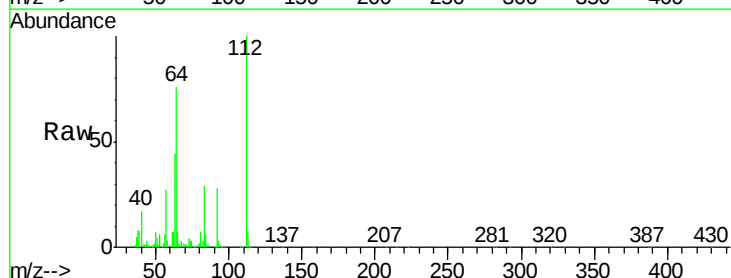
Tgt Ion:112 Resp: 200867

Ion Ratio Lower Upper

112 100

64 76.1 59.0 88.4

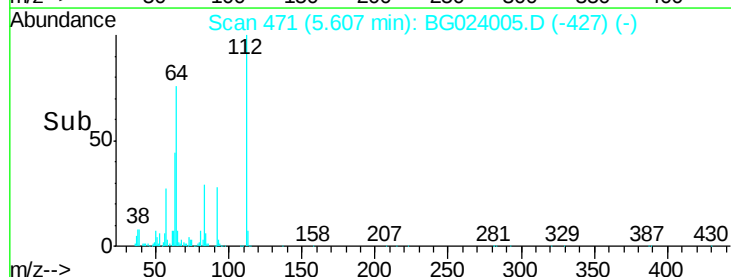
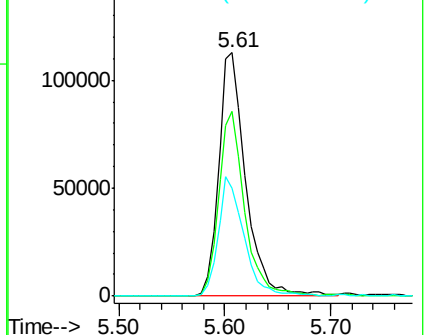
63 44.3 37.8 56.8

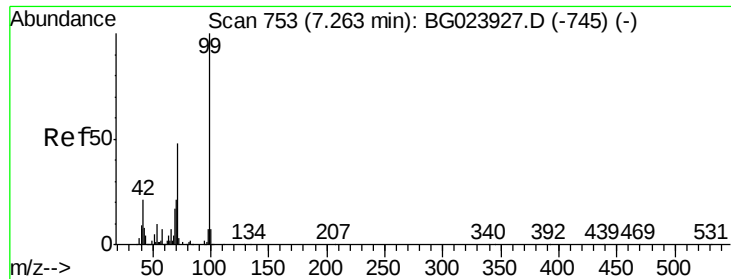


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 47.23 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

Instrument :

BNA_G

ClientSampleId :

SB-4

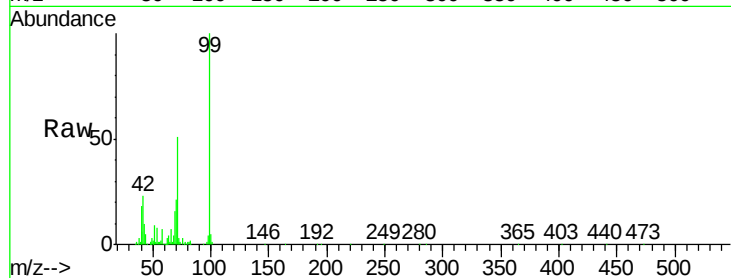
Tgt Ion: 99 Resp: 191028

Ion Ratio Lower Upper

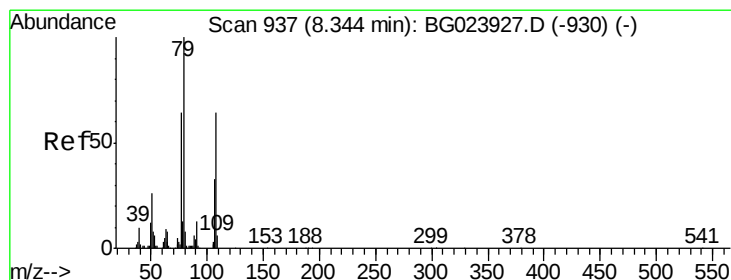
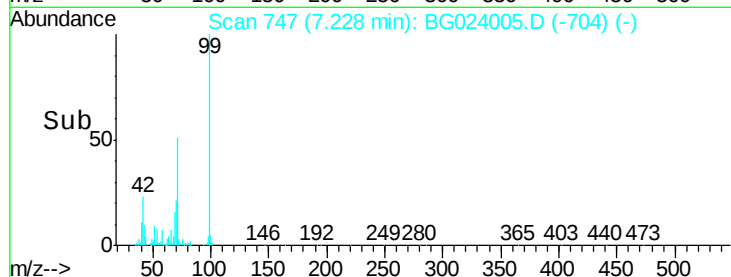
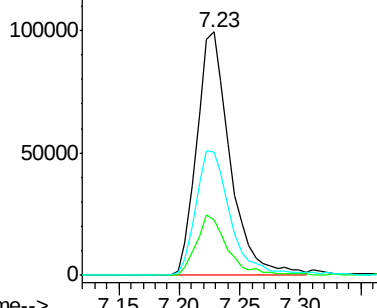
99 100

42 22.6 17.8 26.6

71 50.6 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: 2.62 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.02 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

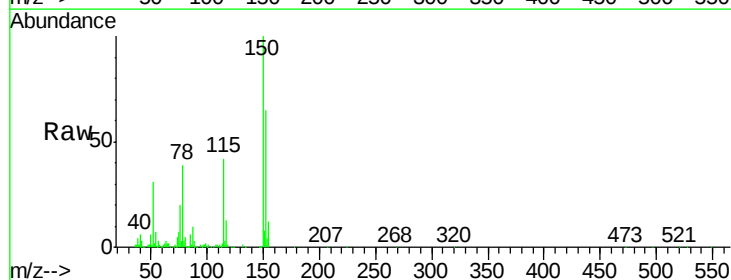
Tgt Ion: 79 Resp: 9338

Ion Ratio Lower Upper

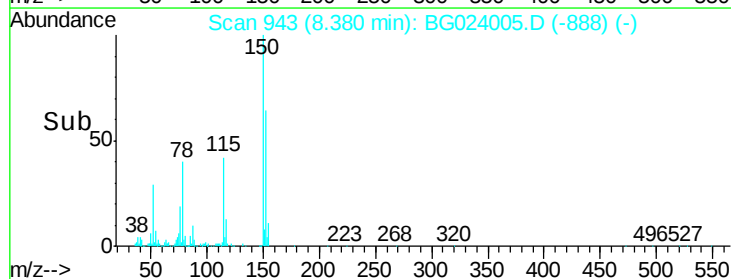
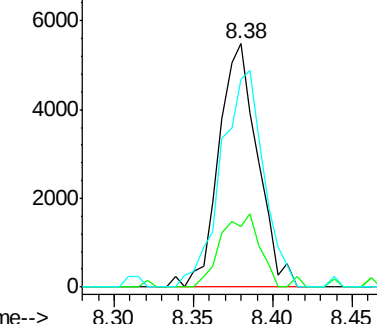
79 100

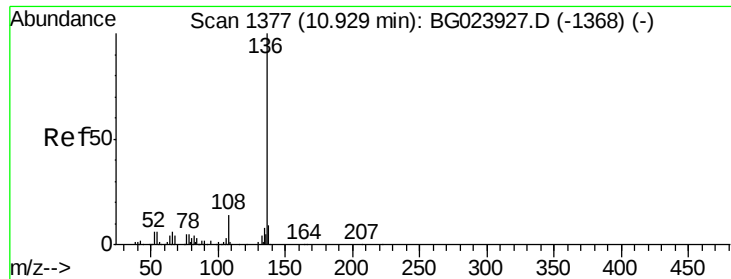
108 25.1 46.5 69.7#

77 85.6 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

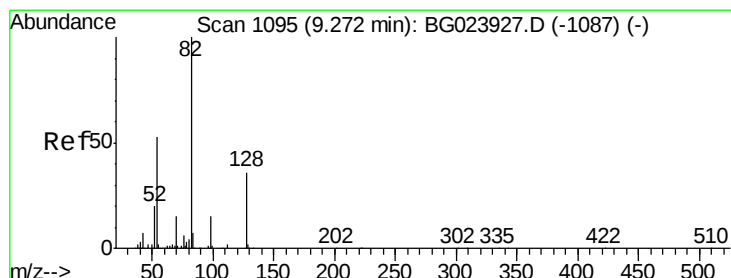
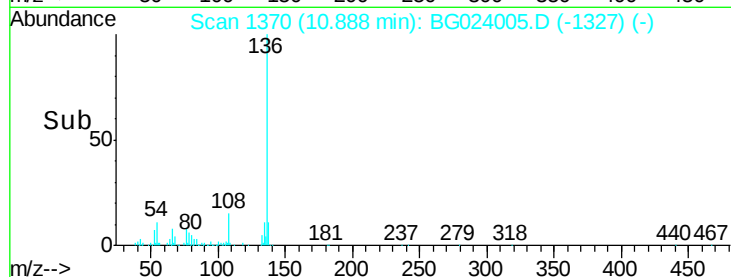
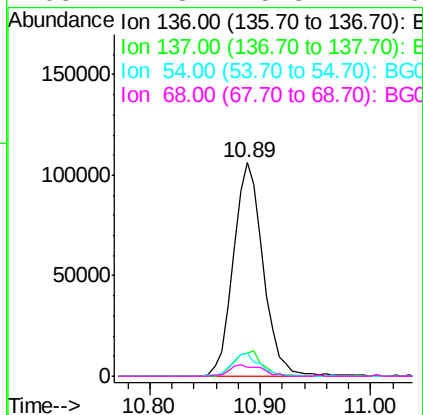
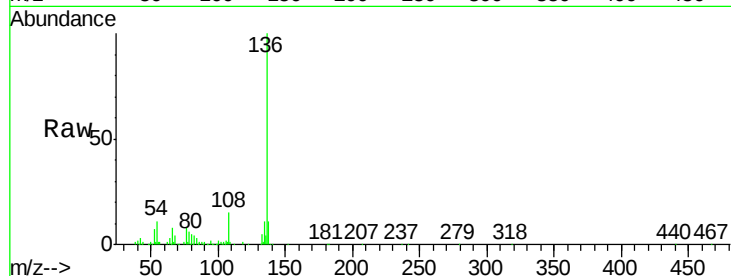




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.05 min
Lab File: BG024005.D
Acq: 16 Sep 2016 22:32

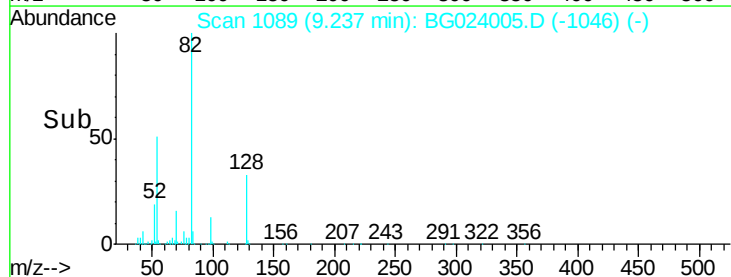
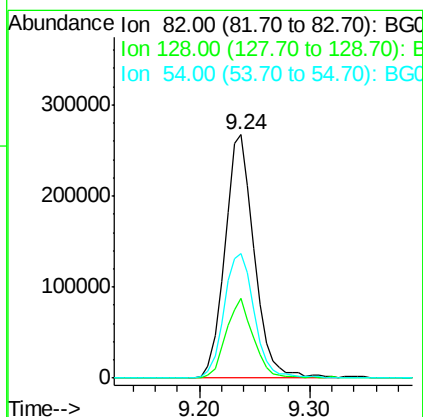
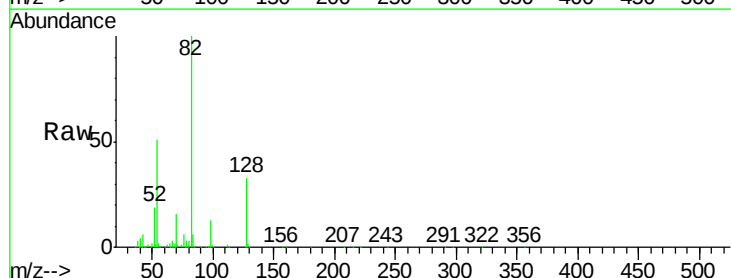
Instrument :
BNA_G
ClientSampleId :
SB-4

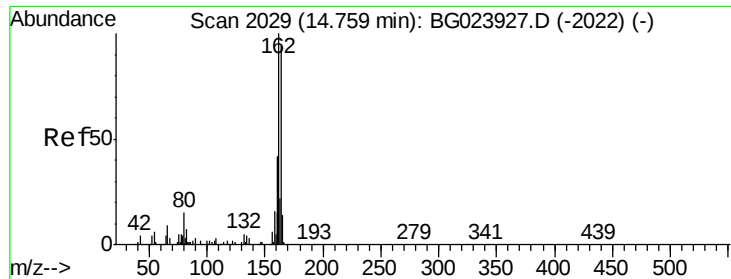
Tgt Ion:	136	Resp:	200859
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	10.9	7.3	10.9
68	4.3	5.3	7.9



#23
Nitrobenzene-d5
Concen: 110.38 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG024005.D
Acq: 16 Sep 2016 22:32

Tgt Ion:	82	Resp:	496621
Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	51.0	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: BG024005.D

Acq: 16 Sep 2016 22:32

Instrument :

BNA_G

ClientSampleId :

SB-4

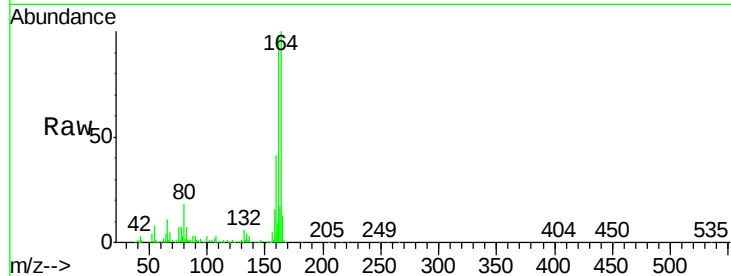
Tgt Ion:164 Resp: 178198

Ion Ratio Lower Upper

164 100

162 98.3 87.7 131.5

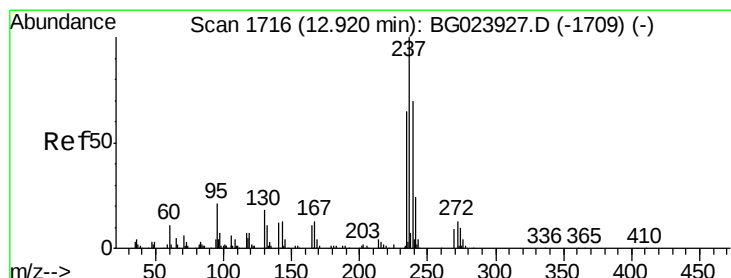
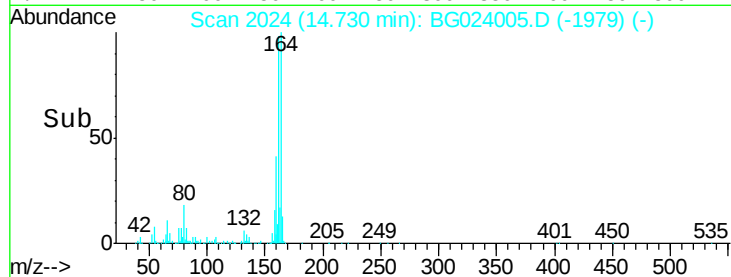
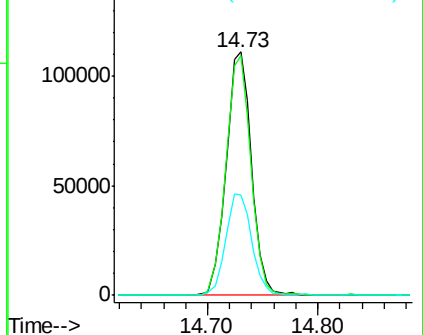
160 41.3 37.2 55.8



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: 12.74 min Scan# 1685

Delta R.T. -0.19 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

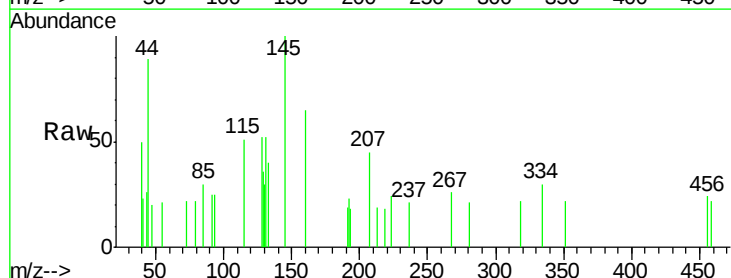
Tgt Ion:237 Resp: 63

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

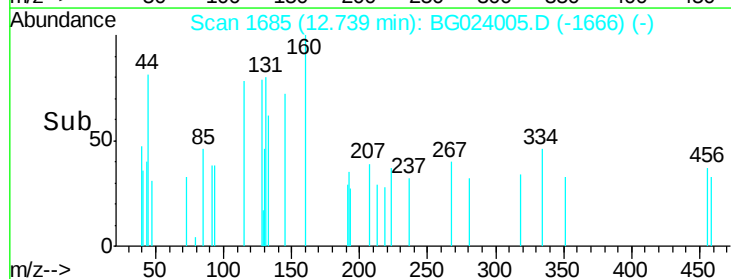
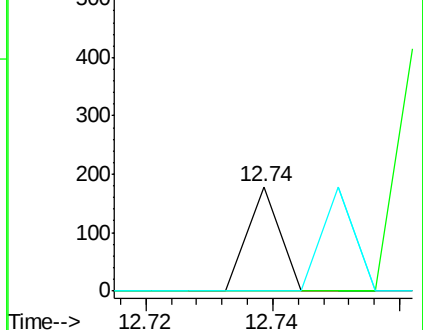
272 0.0 0.0 30.9

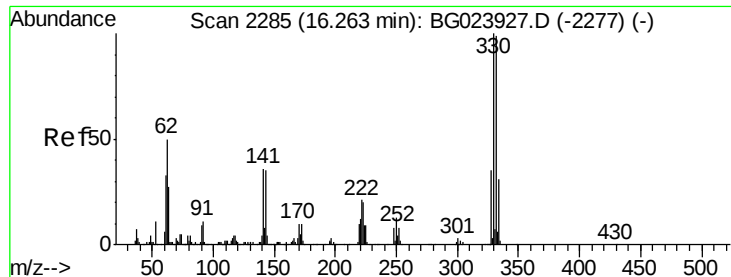


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

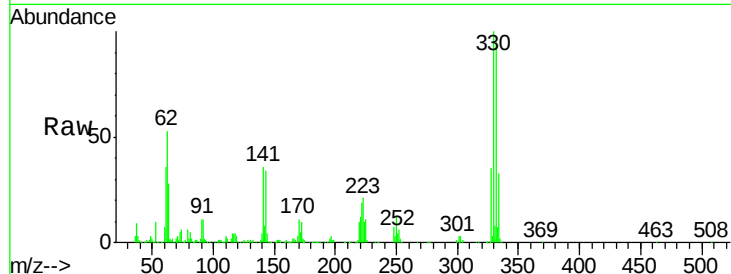




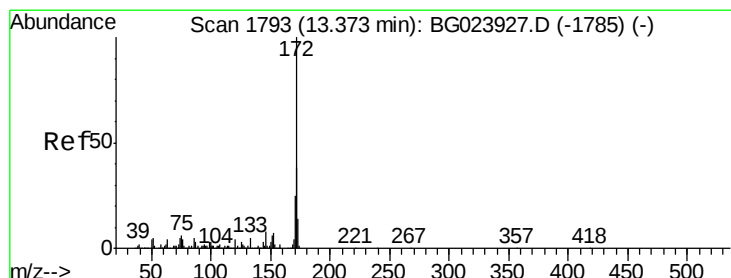
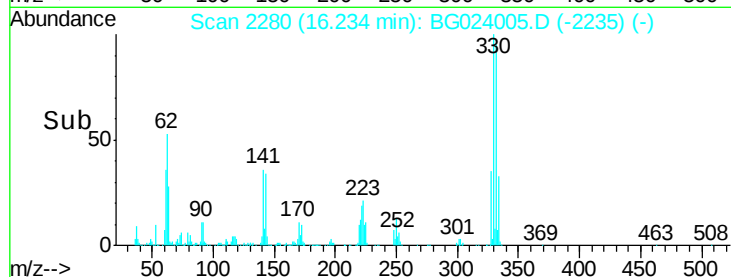
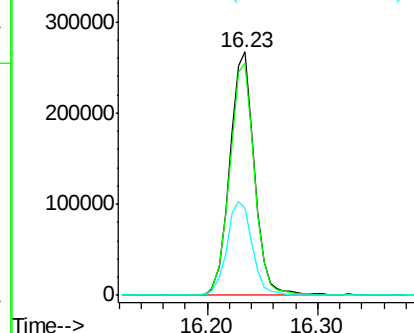
#41
 2,4,6-Tribromophenol
 Concen: 129.84 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG024005.D
 Acq: 16 Sep 2016 22:32

Instrument :
 BNA_G
 ClientSampleId :
 SB-4

Tgt Ion:330 Resp: 416855
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 39.8 31.7 47.5

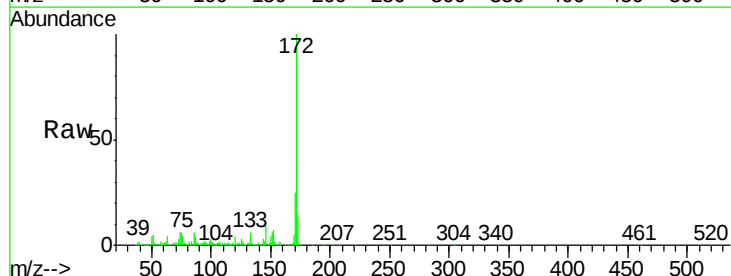


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

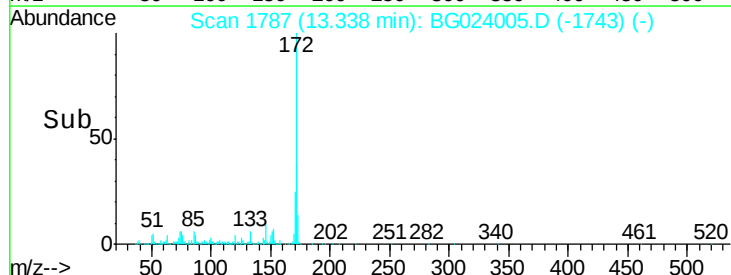
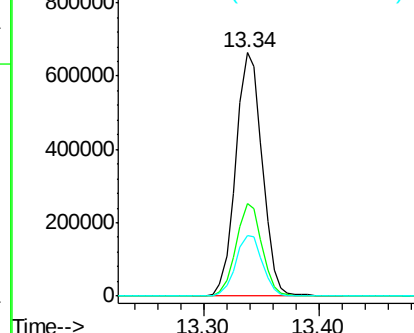


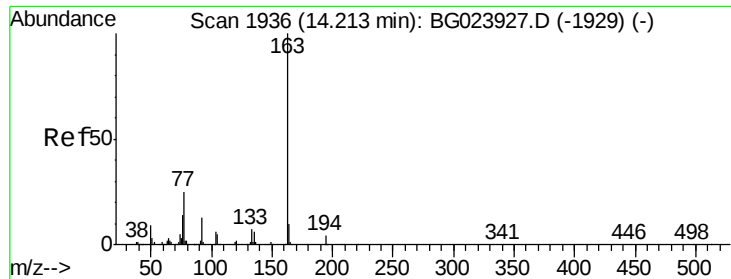
#44
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.04 min
 Lab File: BG024005.D
 Acq: 16 Sep 2016 22:32

Tgt Ion:172 Resp: 1053431
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.6 47.4
 170 25.1 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: 2.77 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

Instrument :

BNA_G

ClientSampleId :

SB-4

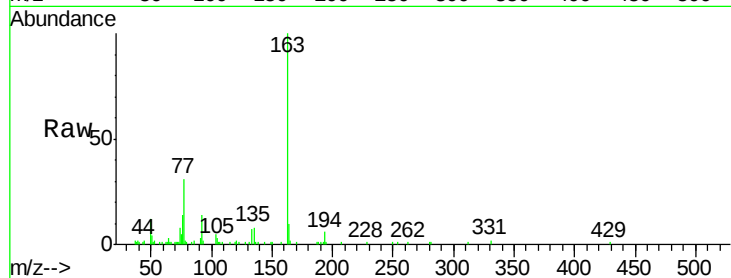
Tgt Ion:163 Resp: 42270

Ion Ratio Lower Upper

163 100

194 5.6 3.6 5.4#

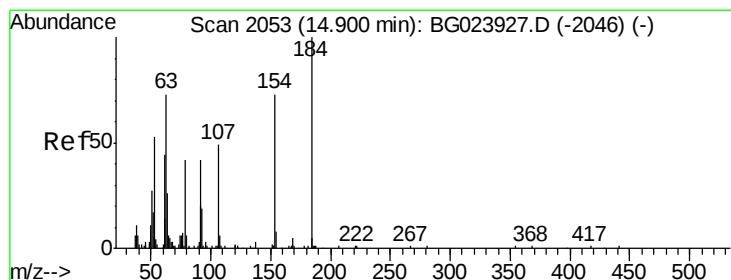
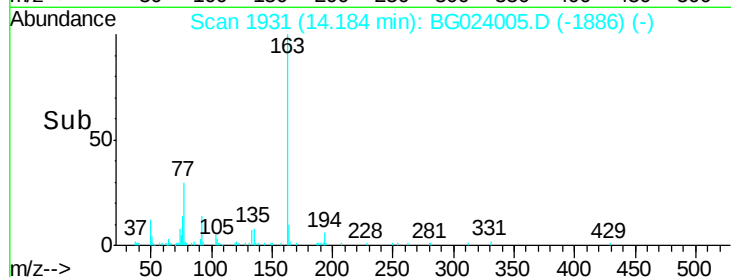
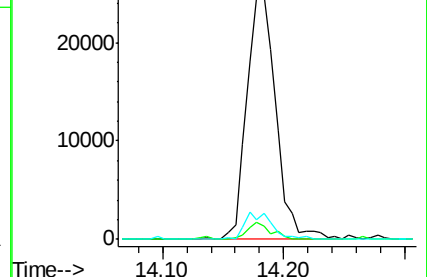
164 10.5 8.1 12.1



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: 6.53 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.15 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

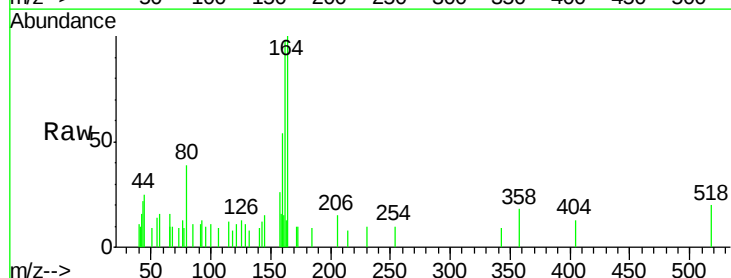
Tgt Ion:184 Resp: 57

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

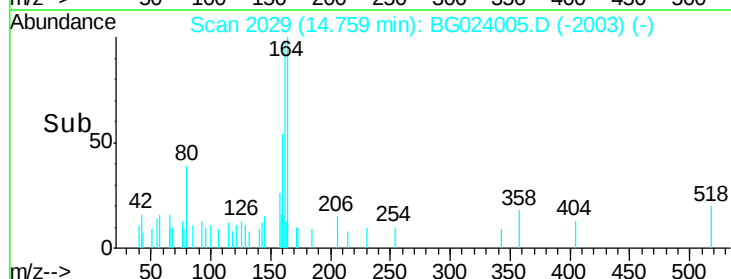
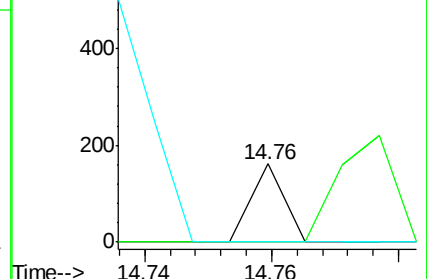
154 0.0 67.4 101.0#

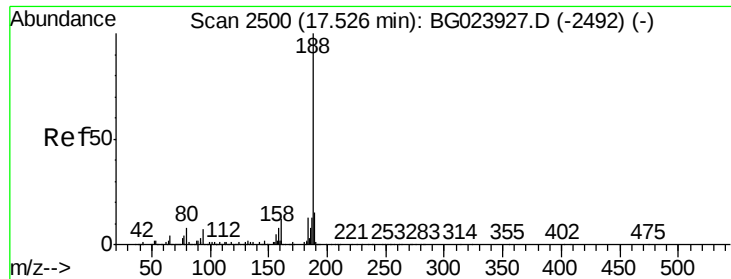


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.04 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

Instrument :

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SB-4

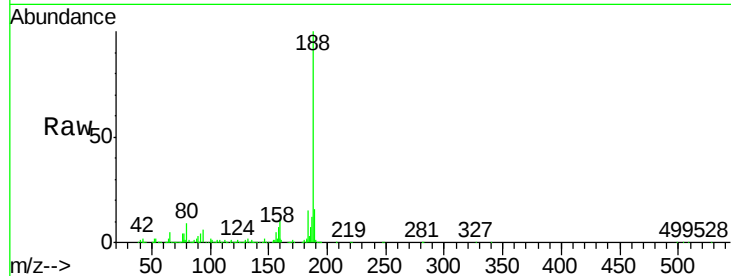
Tgt Ion:188 Resp: 425181

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

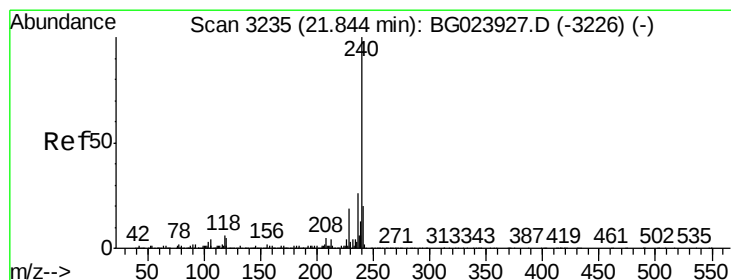
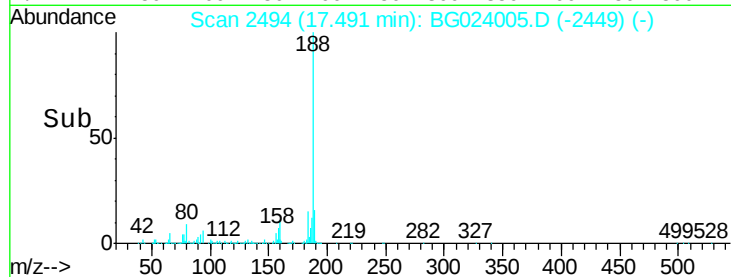
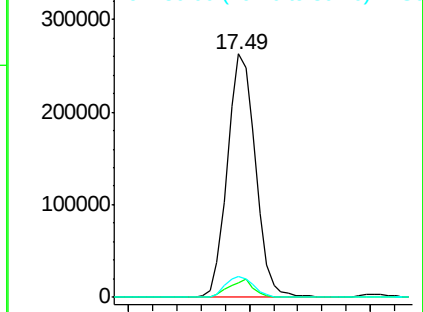
80 8.8 7.2 10.8



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: 21.80 min Scan# 3228

Delta R.T. -0.04 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

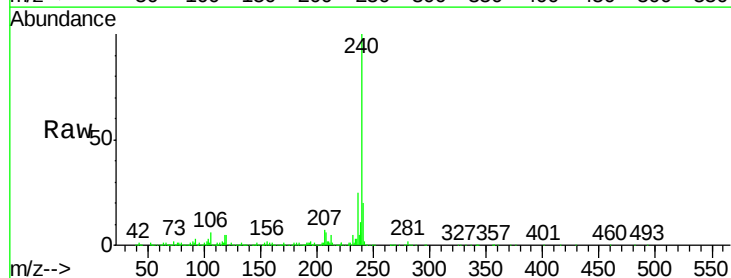
Tgt Ion:240 Resp: 446669

Ion Ratio Lower Upper

240 100

120 4.9 4.1 6.1

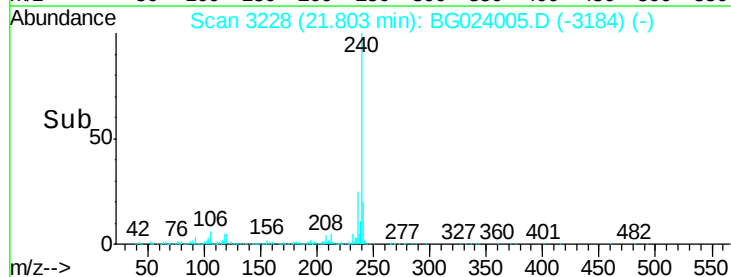
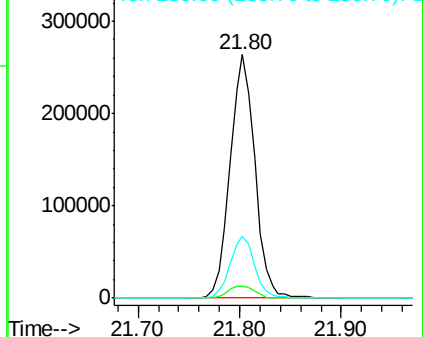
236 25.3 21.1 31.7

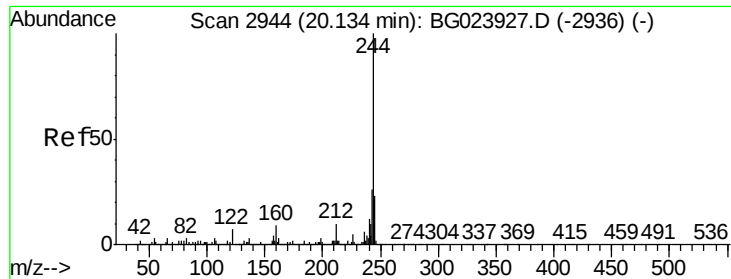


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.07 ng

RT: 20.11 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

Instrument :

BNA_G

ClientSampleId :

SB-4

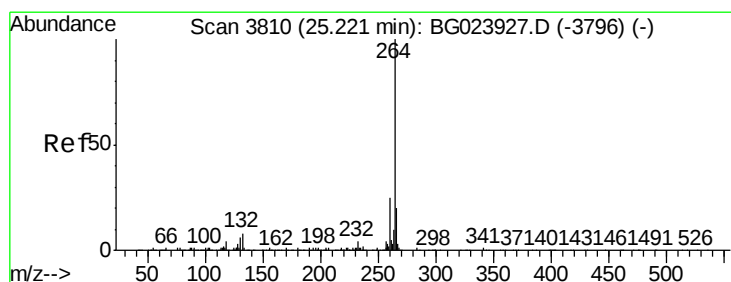
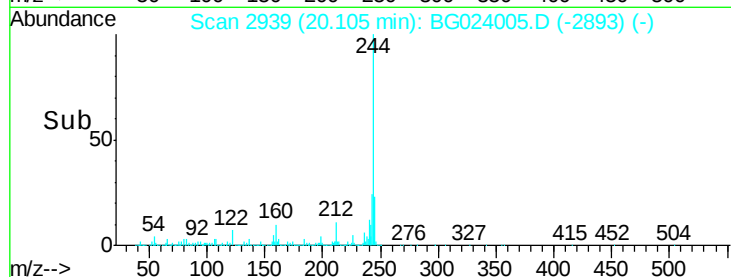
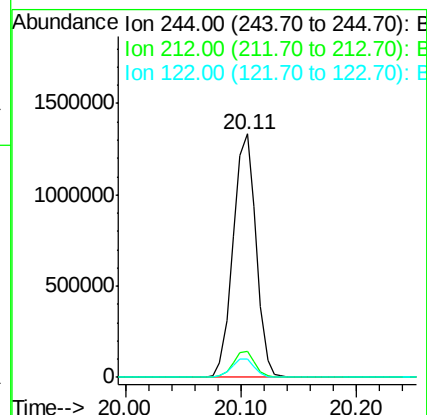
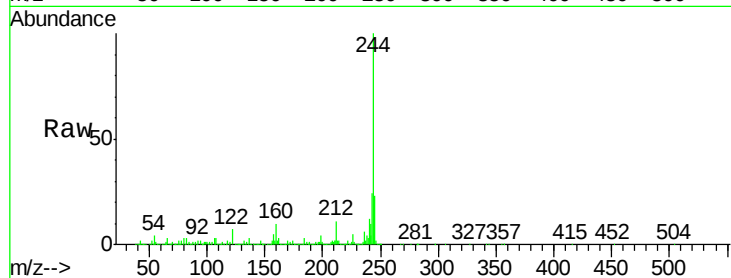
Tgt Ion:244 Resp: 1825368

Ion Ratio Lower Upper

244 100

212 10.9 10.8 16.2

122 7.3 8.0 12.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.15 min Scan# 3798

Delta R.T. -0.06 min

Lab File: BG024005.D

Acq: 16 Sep 2016 22:32

Tgt Ion:264 Resp: 458624

Ion Ratio Lower Upper

264 100

260 19.6 18.4 27.6

265 21.1 18.9 28.3

