

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
 Data File : BG024006.D
 Acq On : 16 Sep 2016 23:10
 Operator : UM/SJ
 Sample : H4813-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5

Quant Time: Sep 17 00:12:02 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

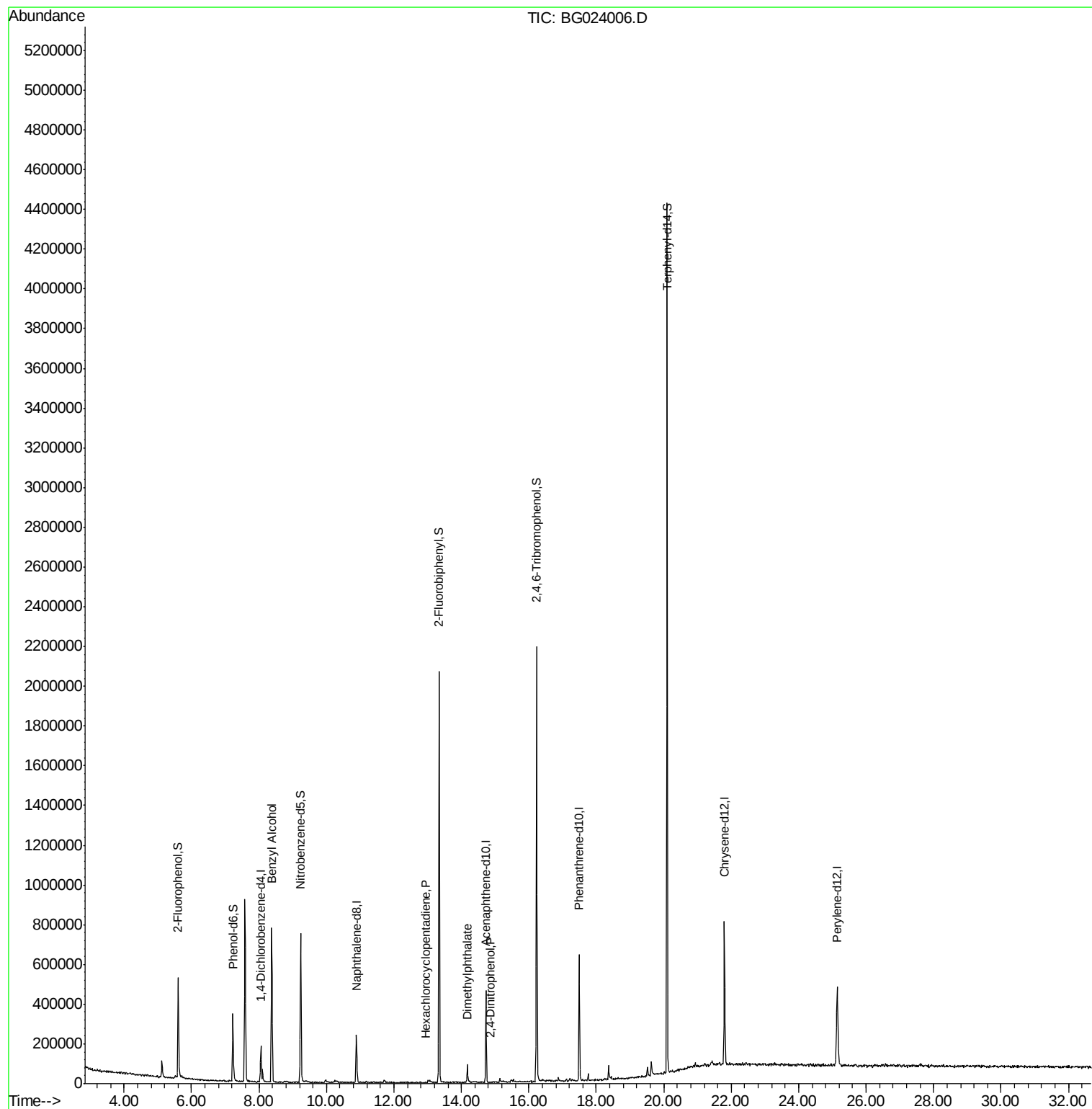
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	41278	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	190953	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	161865	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	380490	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	450958	20.00	ng	-0.04
86) Perylene-d12	25.14	264	458430	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	204207	86.85	ng	-0.04
7) Phenol-d6	7.23	99	191980	53.05	ng	-0.05
23) Nitrobenzene-d5	9.23	82	476265	111.35	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	381543	130.83	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	972936	86.18	ng	-0.04
78) Terphenyl-d14	20.10	244	1717270	86.72	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.37	79	8431	2.64	ng	# 67
40) Hexachlorocyclopentadiene	12.95	237	73	7.10	ng	# 26
49) Dimethylphthalate	14.18	163	53266	3.84	ng	99
53) 2,4-Dinitrophenol	14.86	184	63	6.54	ng	# 10

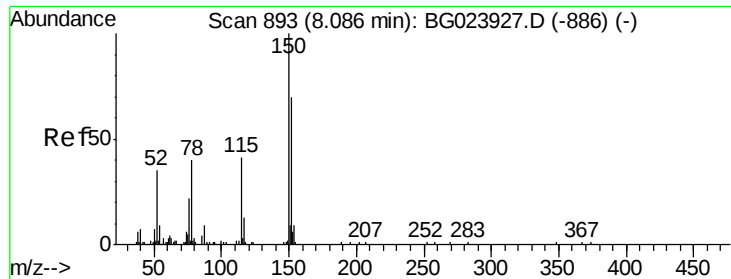
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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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: BG024006.D

Acq: 16 Sep 2016 23:10

Instrument :

BNA_G

ClientSampleId :

SB-5

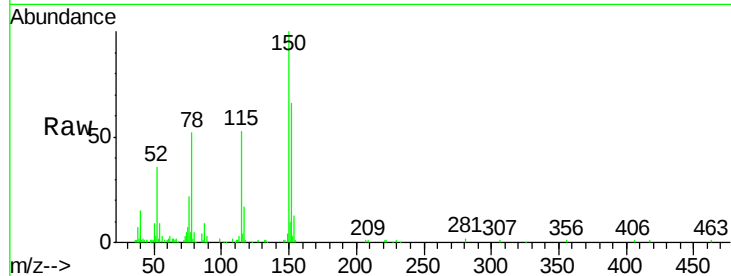
Tgt Ion:152 Resp: 41278

Ion Ratio Lower Upper

152 100

150 152.6 144.7 217.1

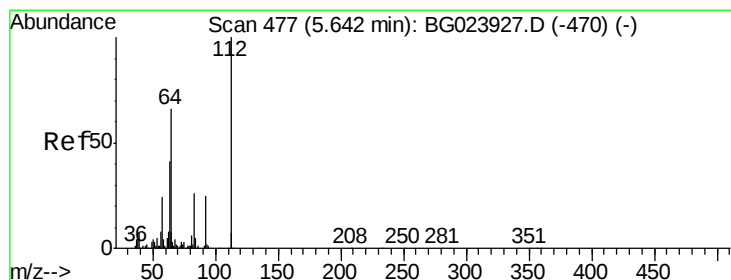
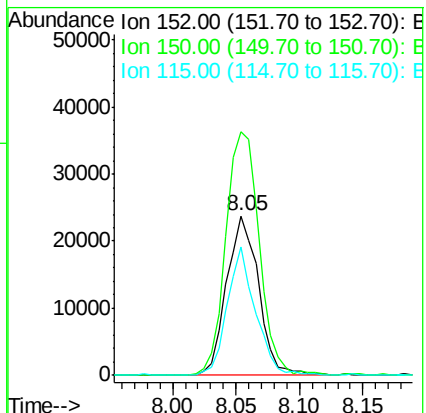
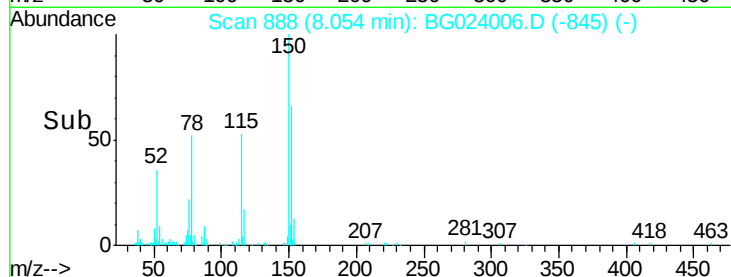
115 80.3 64.0 96.0



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: 86.85 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG024006.D

Acq: 16 Sep 2016 23:10

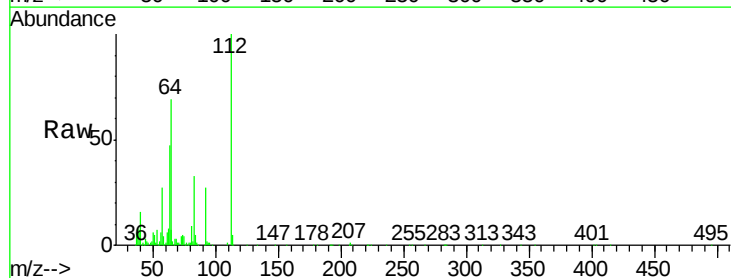
Tgt Ion:112 Resp: 204207

Ion Ratio Lower Upper

112 100

64 69.3 59.0 88.4

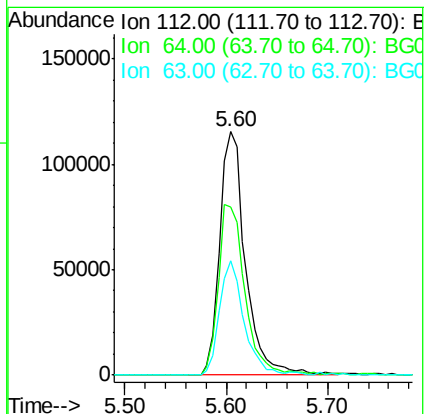
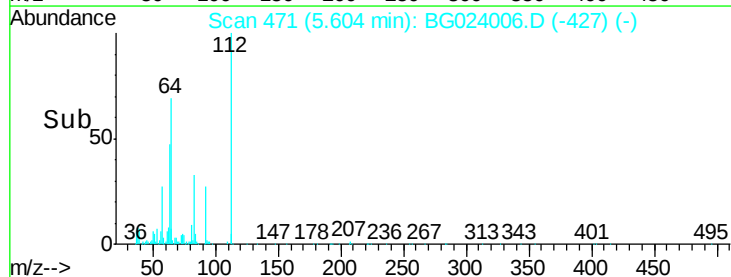
63 47.2 37.8 56.8

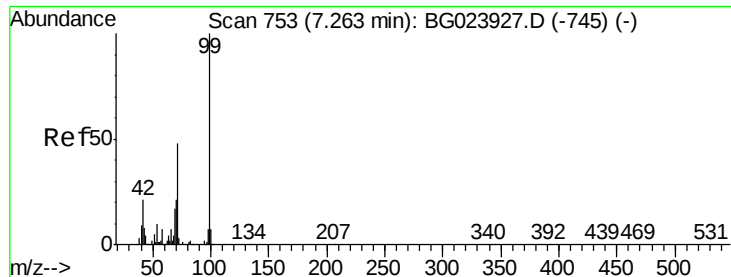


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 53.05 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG024006.D

Acq: 16 Sep 2016 23:10

Instrument :

BNA_G

ClientSampled :

SB-5

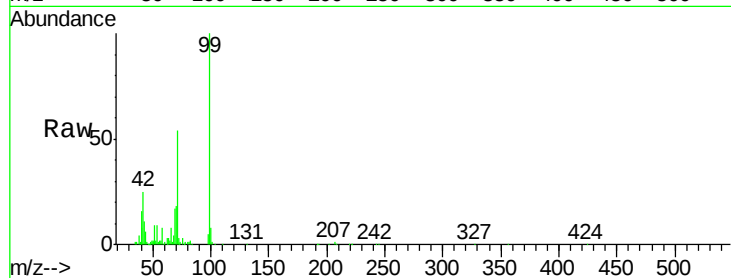
Tgt Ion: 99 Resp: 191980

Ion Ratio Lower Upper

99 100

42 25.3 17.8 26.6

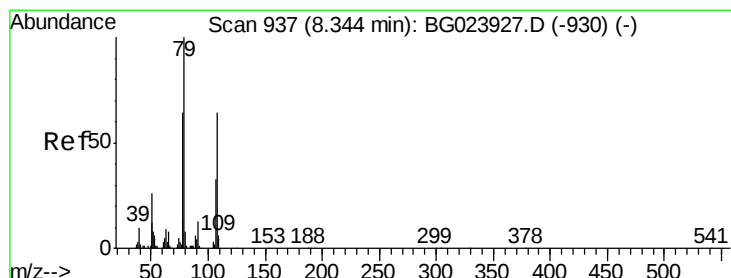
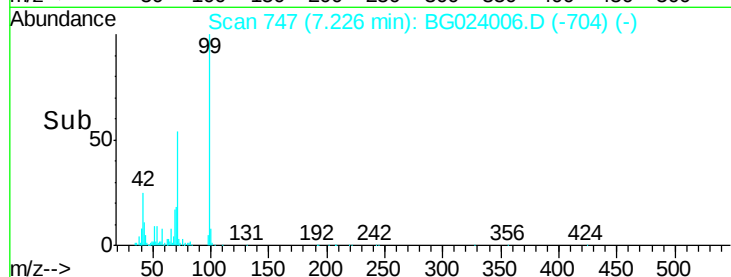
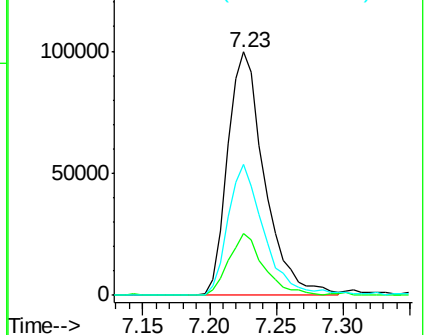
71 54.0 41.5 62.3



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: 2.64 ng

RT: 8.37 min Scan# 942

Delta R.T. 0.01 min

Lab File: BG024006.D

Acq: 16 Sep 2016 23:10

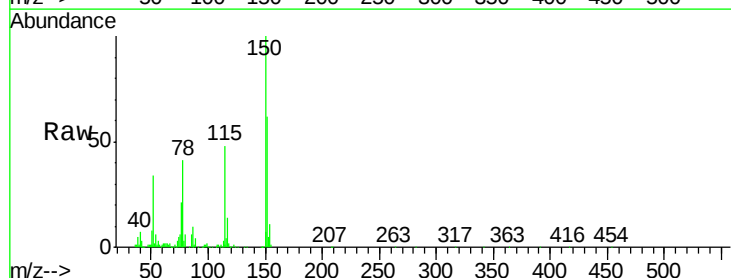
Tgt Ion: 79 Resp: 8431

Ion Ratio Lower Upper

79 100

108 35.0 46.5 69.7#

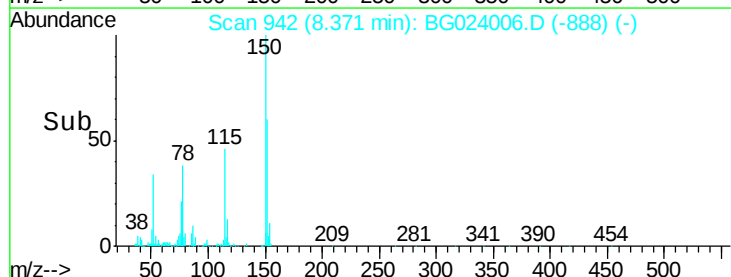
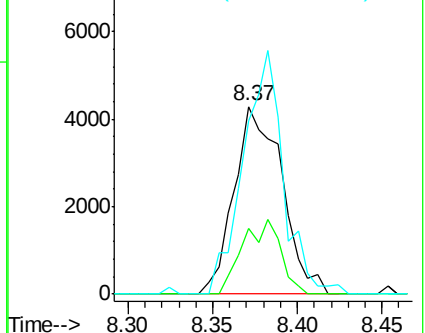
77 92.6 52.3 78.5#

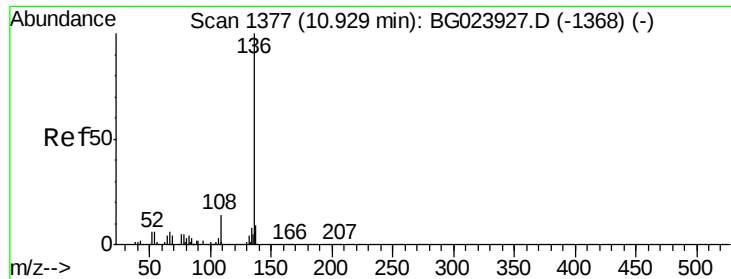


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

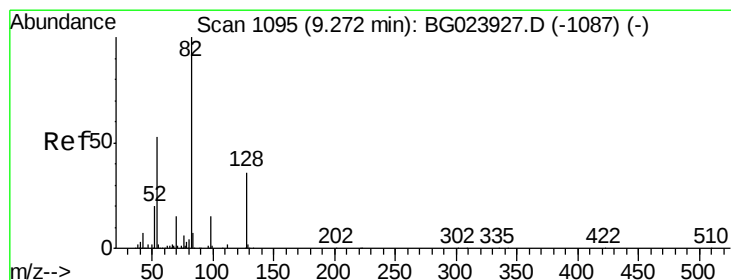
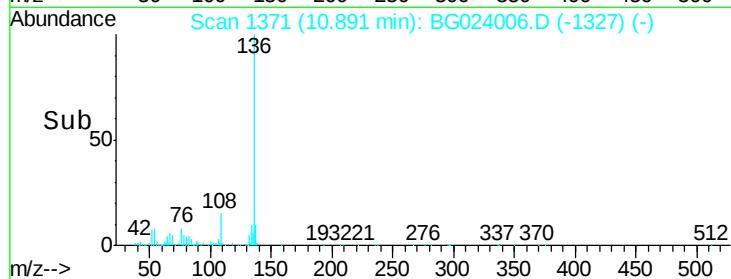
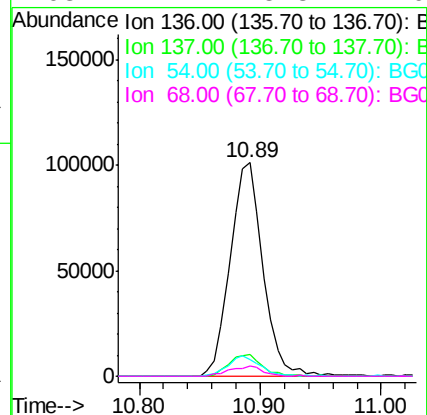
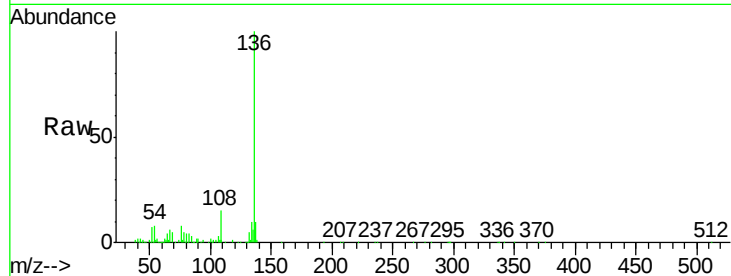




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.04 min
Lab File: BG024006.D
Acq: 16 Sep 2016 23:10

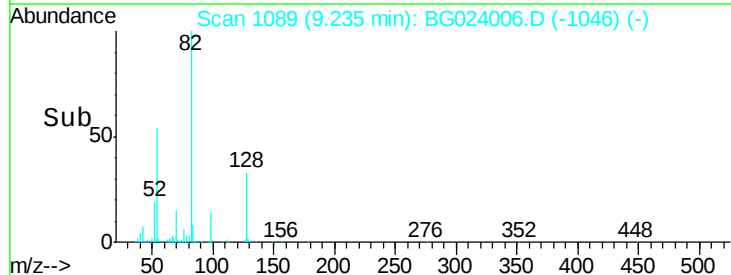
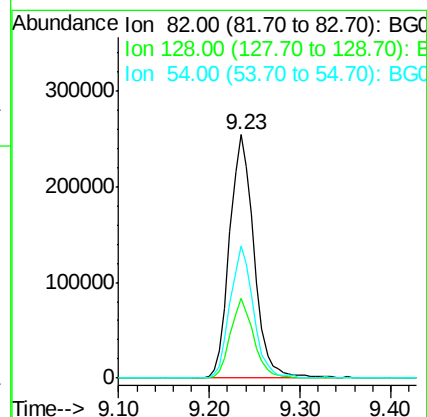
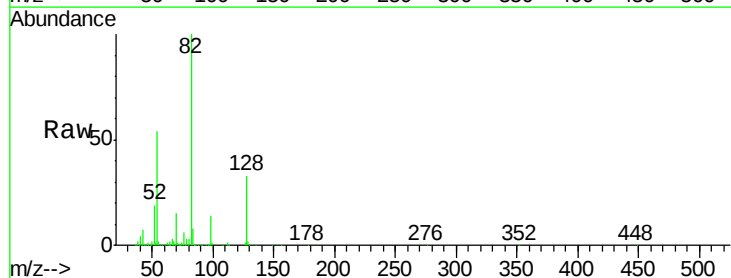
Instrument :
BNA_G
ClientSampleId :
SB-5

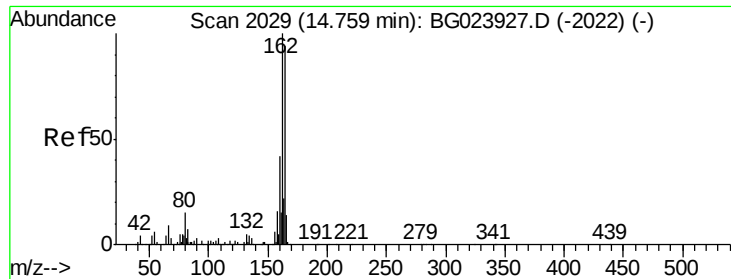
Tgt Ion:	136	Resp:	190953
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	7.9	7.3	10.9
68	4.7	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 111.35 ng
RT: 9.23 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG024006.D
Acq: 16 Sep 2016 23:10

Tgt Ion:	82	Resp:	476265
Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	54.4	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: BG024006.D

Acq: 16 Sep 2016 23:10

Instrument :

BNA_G

ClientSampleId :

SB-5

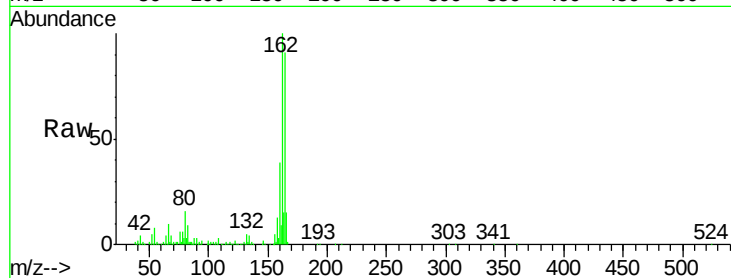
Tgt Ion:164 Resp: 161865

Ion Ratio Lower Upper

164 100

162 109.3 87.7 131.5

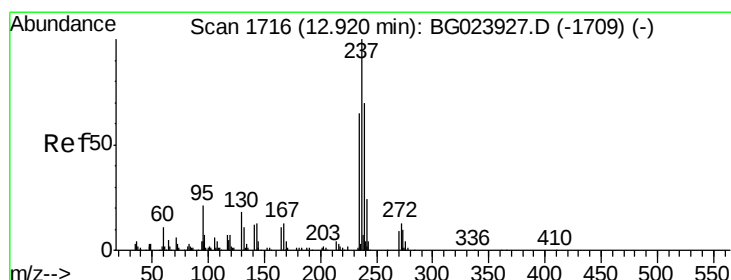
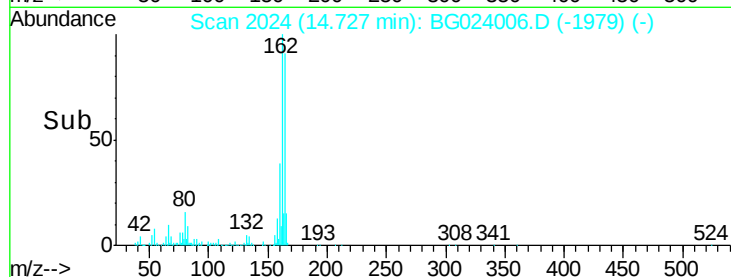
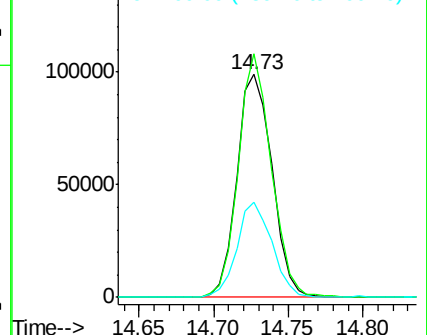
160 42.5 37.2 55.8



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: 12.95 min Scan# 1721

Delta R.T. 0.02 min

Lab File: BG024006.D

Acq: 16 Sep 2016 23:10

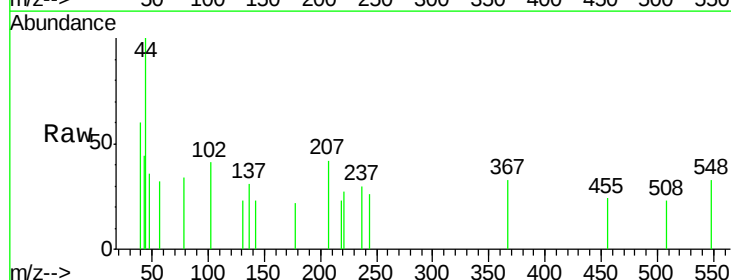
Tgt Ion:237 Resp: 73

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

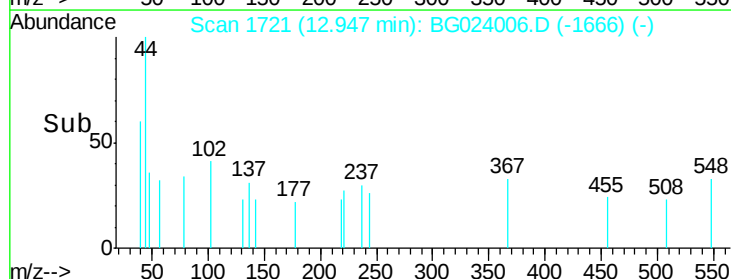
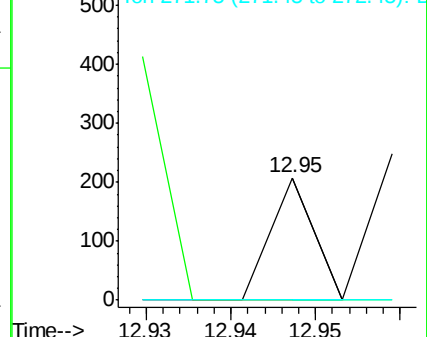
272 0.0 0.0 30.9

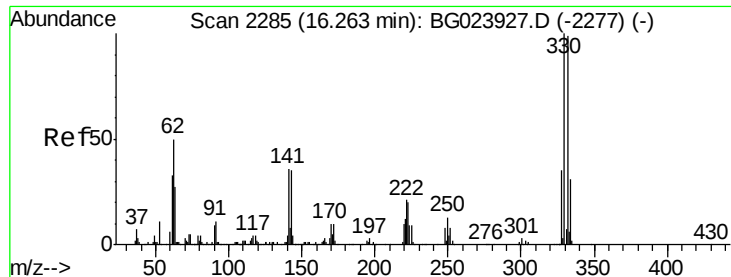


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

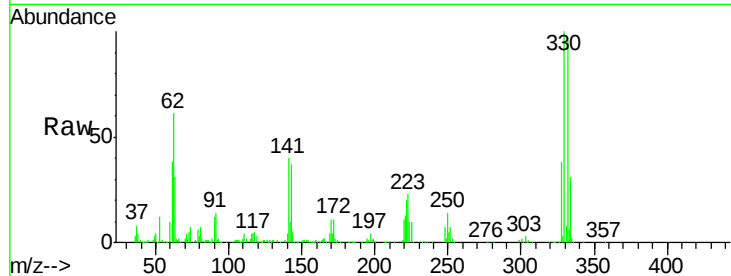




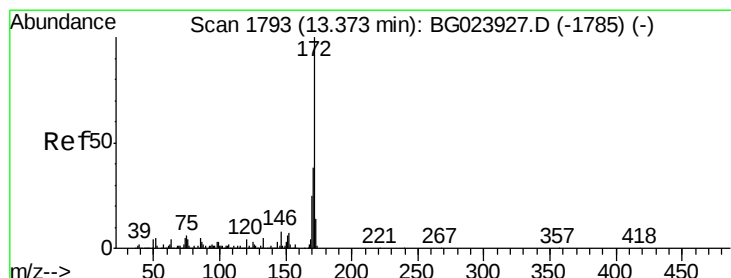
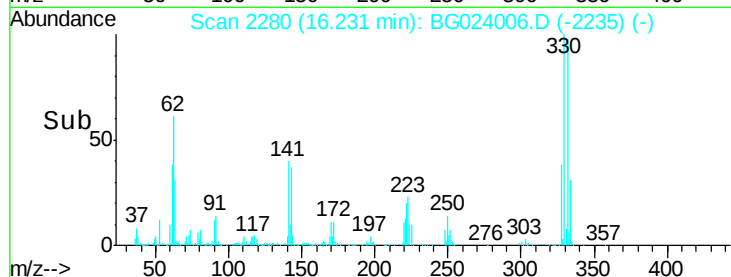
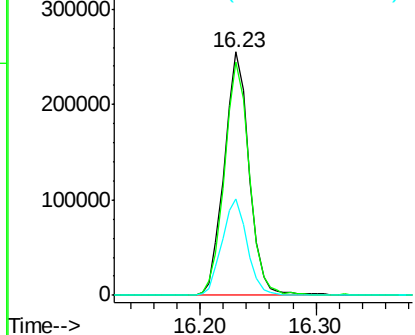
#41
 2,4,6-Tribromophenol
 Concen: 130.83 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG024006.D
 Acq: 16 Sep 2016 23:10

Instrument :
 BNA_G
 ClientSampleId :
 SB-5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	40.0	31.7	47.5

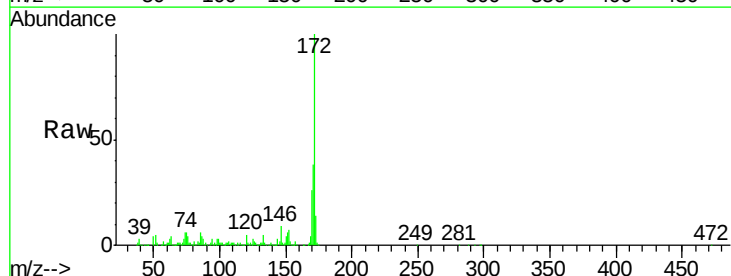


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

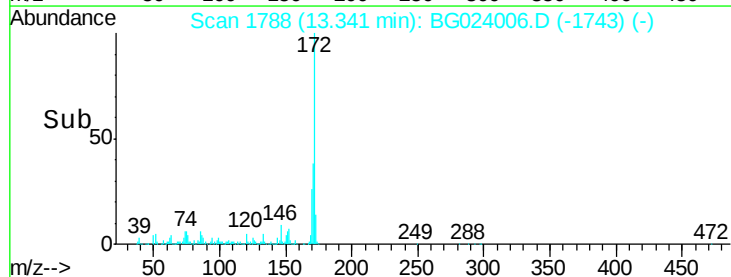
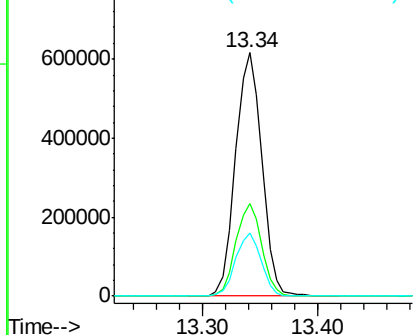


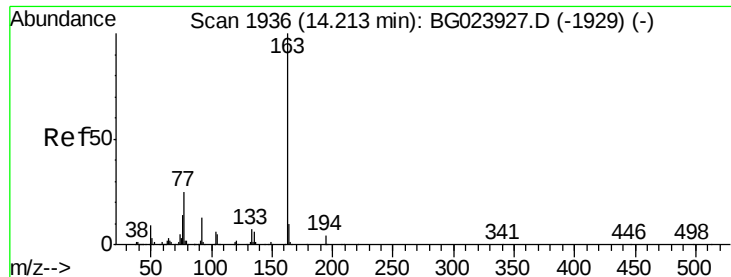
#44
 2-Fluorobiphenyl
 Concen: 86.18 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.04 min
 Lab File: BG024006.D
 Acq: 16 Sep 2016 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.6	47.4
170	25.8	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: 3.84 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.04 min

Lab File: BG024006.D

Acq: 16 Sep 2016 23:10

Instrument :

BNA_G

ClientSampleId :

SB-5

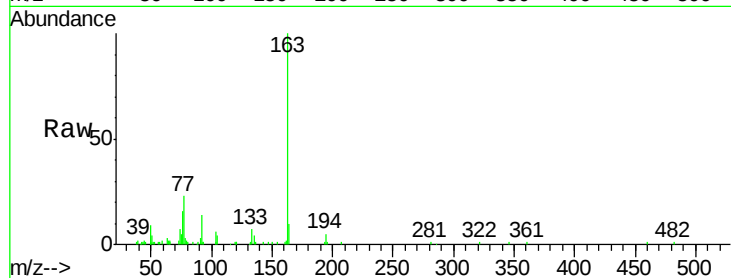
Tgt Ion:163 Resp: 53266

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

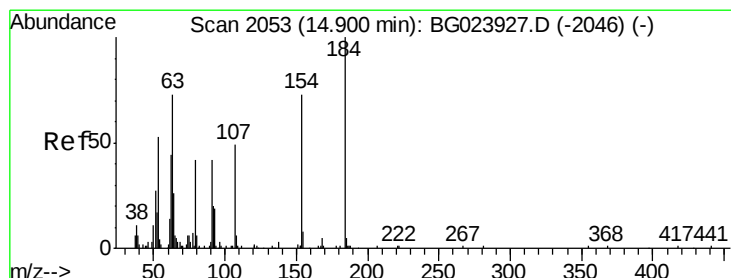
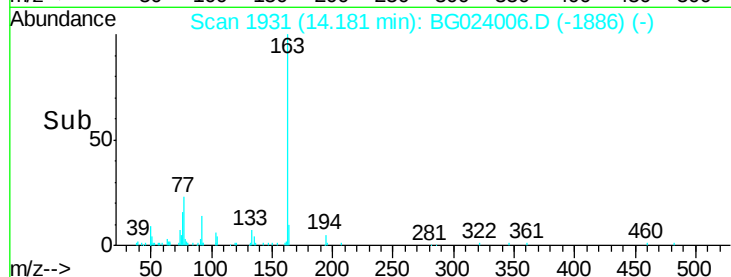
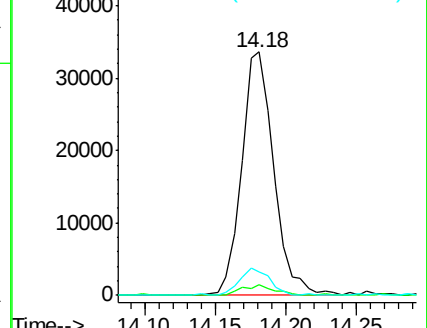
164 9.7 8.1 12.1



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: 14.86 min Scan# 2046

Delta R.T. -0.05 min

Lab File: BG024006.D

Acq: 16 Sep 2016 23:10

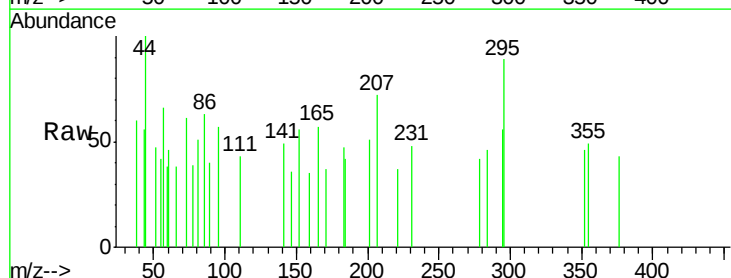
Tgt Ion:184 Resp: 63

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

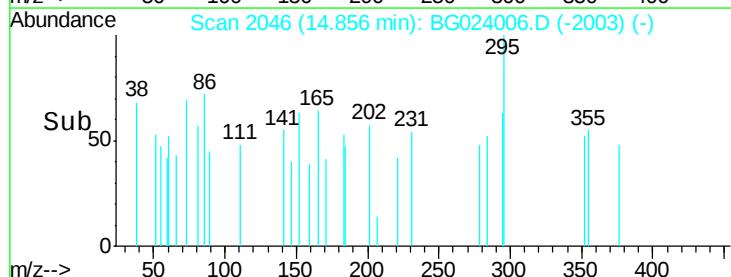
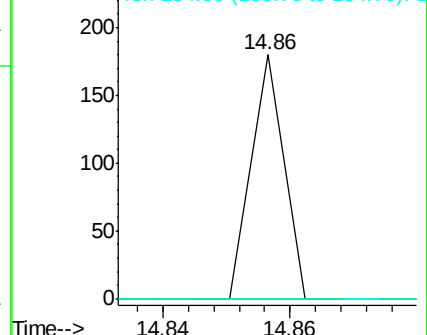
154 0.0 67.4 101.0#

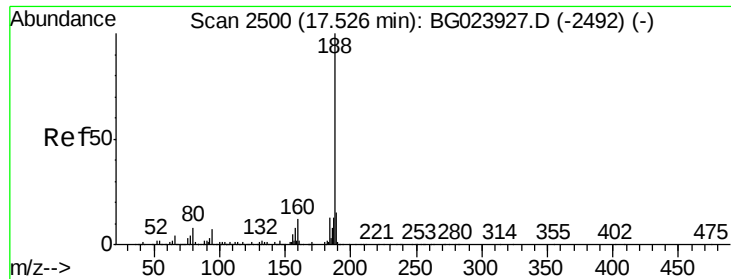


Abundance Ion 184.00 (183.70 to 184.70): E

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: 17.49 min Scan# 2495

Delta R.T. -0.03 min

Lab File: BG024006.D

Acq: 16 Sep 2016 23:10

Instrument :

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ClientSampleId :

SB-5

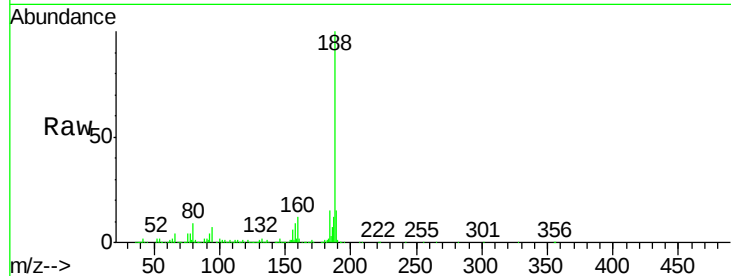
Tgt Ion:188 Resp: 380490

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

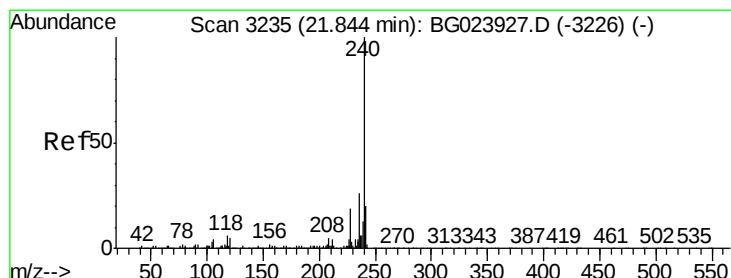
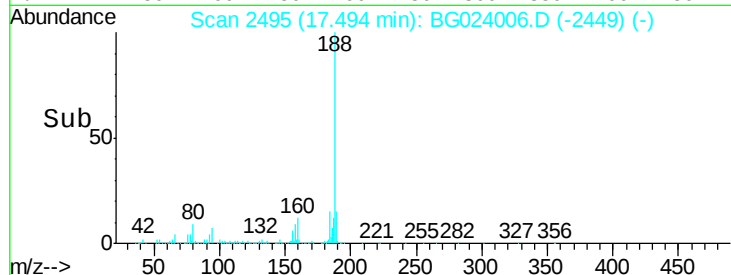
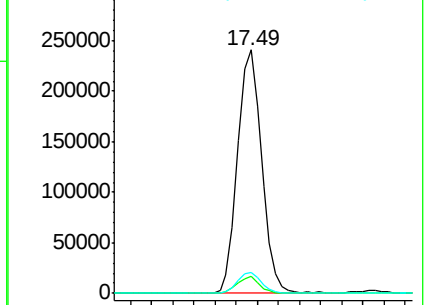
80 8.8 7.2 10.8



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: BG024006.D

Acq: 16 Sep 2016 23:10

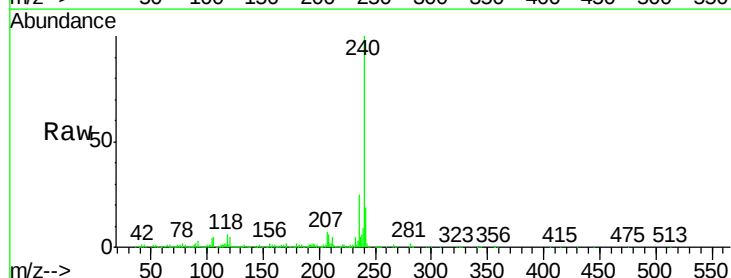
Tgt Ion:240 Resp: 450958

Ion Ratio Lower Upper

240 100

120 4.7 4.1 6.1

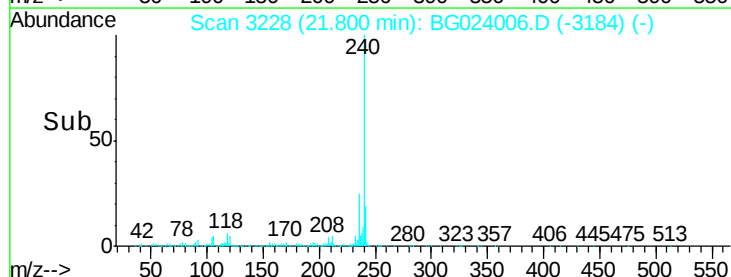
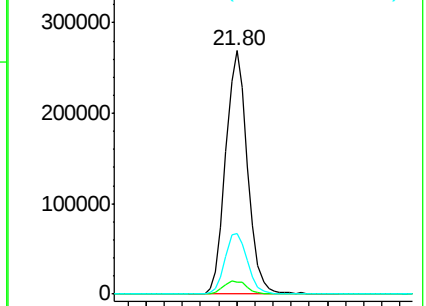
236 24.9 21.1 31.7

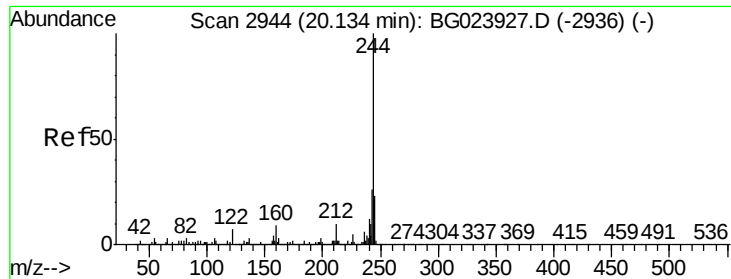


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.72 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG024006.D

Acq: 16 Sep 2016 23:10

Instrument :

BNA_G

ClientSampleId :

SB-5

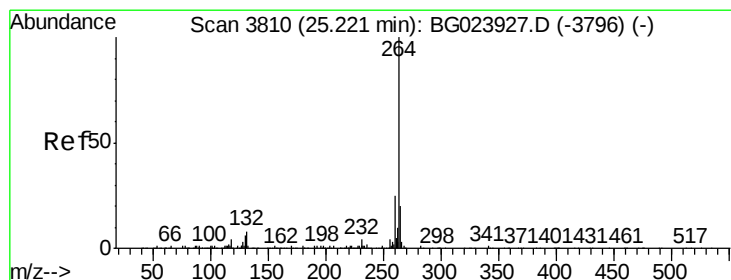
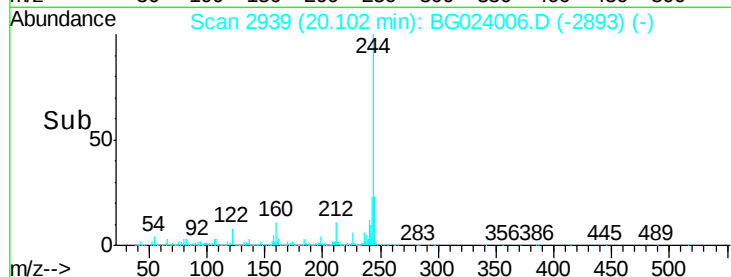
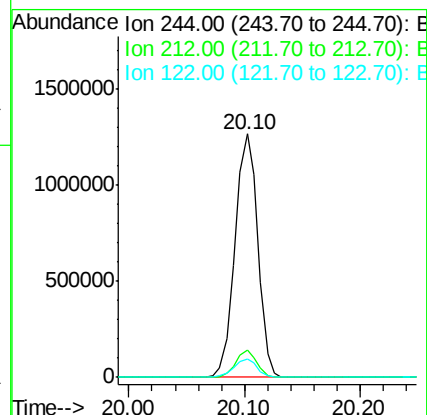
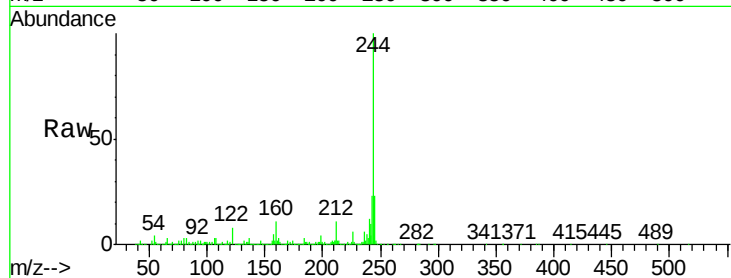
Tgt Ion:244 Resp: 1717270

Ion Ratio Lower Upper

244 100

212 11.0 10.8 16.2

122 7.6 8.0 12.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.14 min Scan# 3797

Delta R.T. -0.07 min

Lab File: BG024006.D

Acq: 16 Sep 2016 23:10

Tgt Ion:264 Resp: 458430

Ion Ratio Lower Upper

264 100

260 22.1 18.4 27.6

265 23.4 18.9 28.3

