

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024017.D
 Acq On : 17 Sep 2016 6:13
 Operator : UM/SJ
 Sample : PB93419TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 06:51:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 04:50:01 2016
 Response via : Initial Calibration

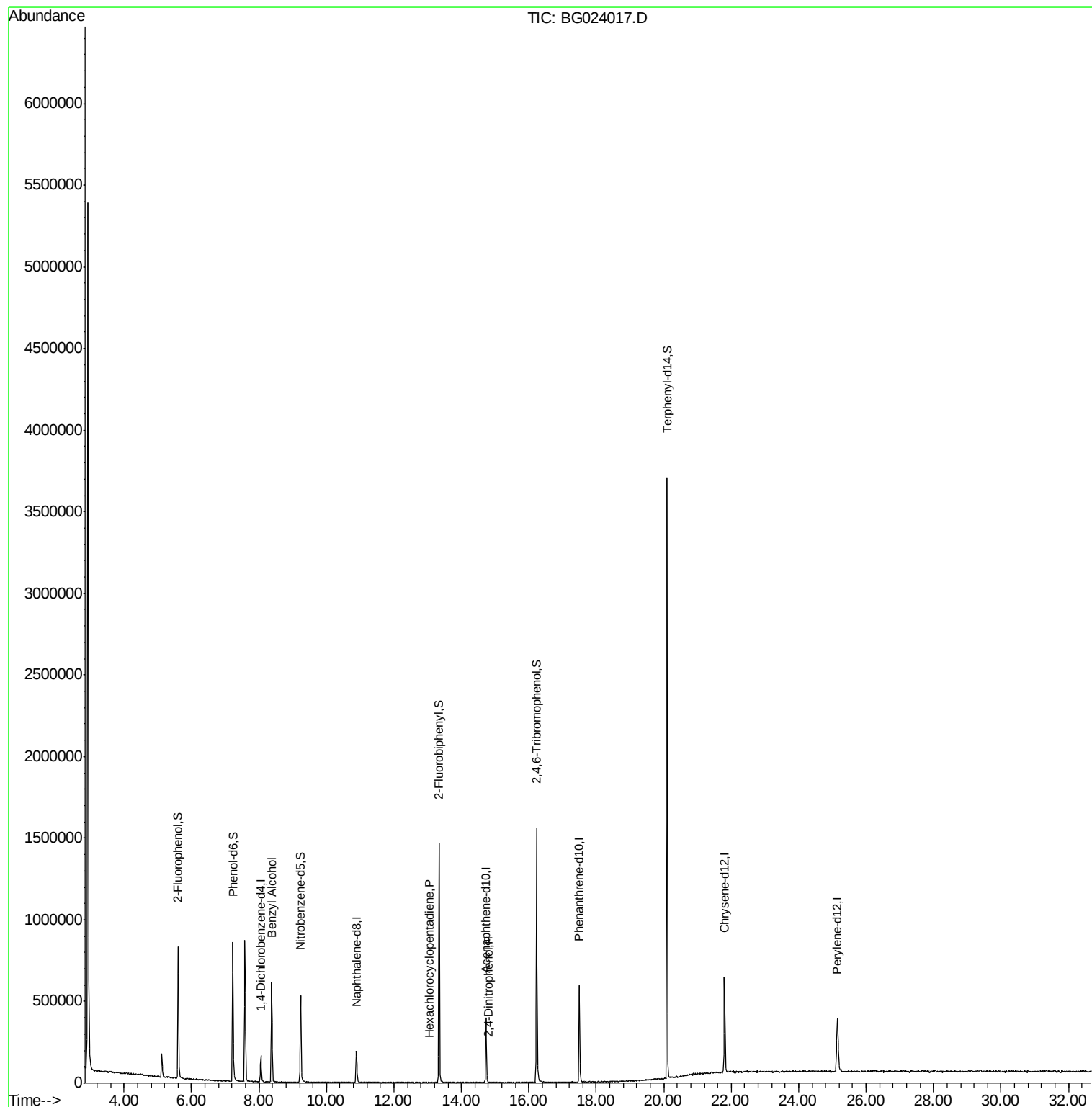
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39642	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	168727	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	153966	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	392228	20.00	ng	0.00
75) Chrysene-d12	21.81	240	428661	20.00	ng	0.00
86) Perylene-d12	25.14	264	414561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	323584	143.31	ng	0.00
7) Phenol-d6	7.22	99	481714	138.59	ng	-0.01
23) Nitrobenzene-d5	9.24	82	354896	93.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	297582	107.28	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	749925	69.83	ng	0.00
78) Terphenyl-d14	20.10	244	1477621	78.50	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	6921	2.26	ng	# 55
40) Hexachlorocyclopentadiene	13.05	237	83	7.11	ng	# 26
53) 2,4-Dinitrophenol	14.79	184	54	6.54	ng	# 10

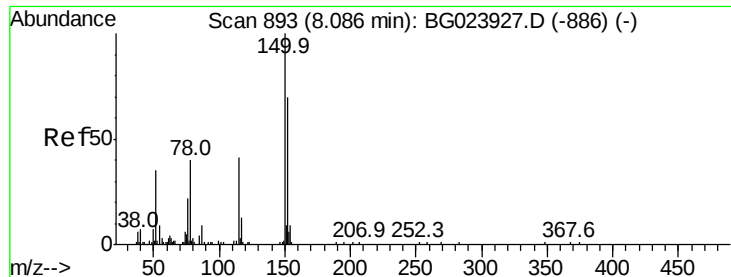
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 17 04:50:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

Instrument :

BNA_G

ClientSampleId :

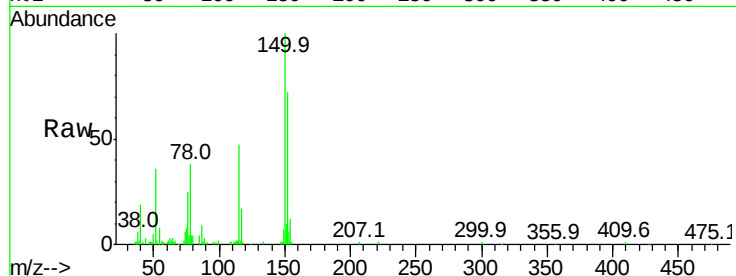
Tot Ion:152 Resp: 39642

Ion Ratio Lower Upper

152 100

150 138.8 144.7 217.1#

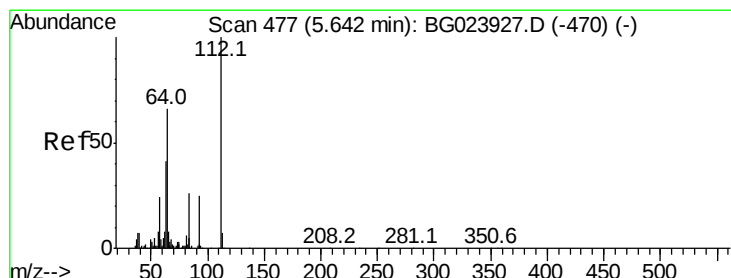
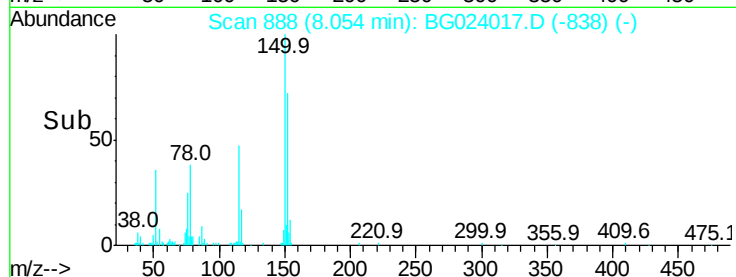
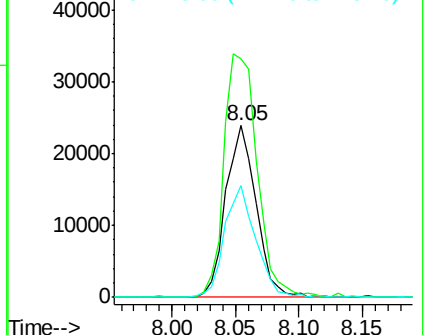
115 65.4 64.0 96.0



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: 143.31 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.01 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

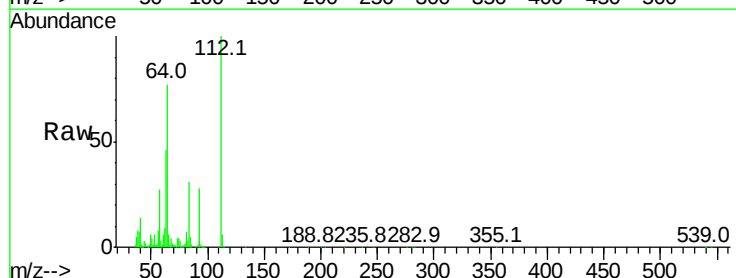
Tgt Ion:112 Resp: 323584

Ion Ratio Lower Upper

112 100

64 76.8 59.0 88.4

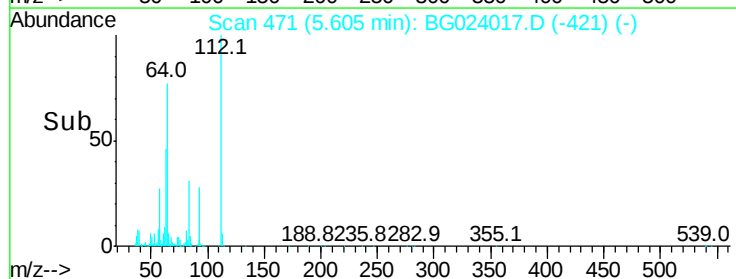
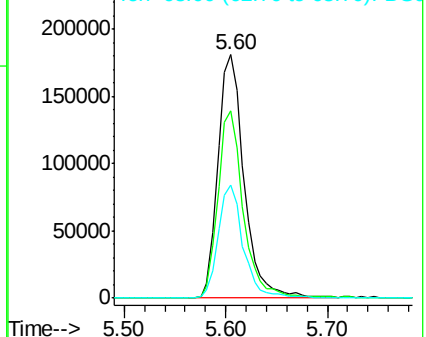
63 46.3 37.8 56.8

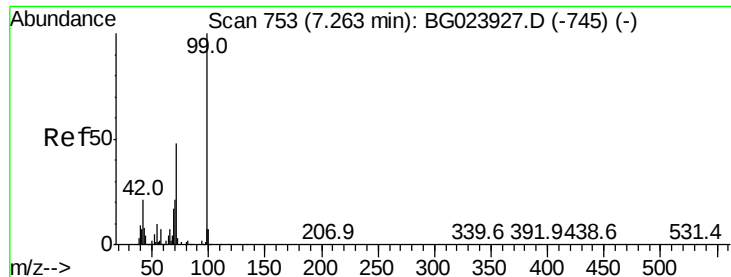


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.59 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

Instrument :

BNA_G

ClientSampleId :

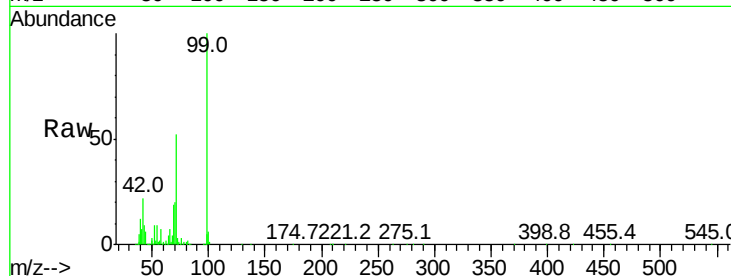
Tot Ion: 99 Resp: 481714

Ion Ratio Lower Upper

99 100

42 22.3 17.8 26.6

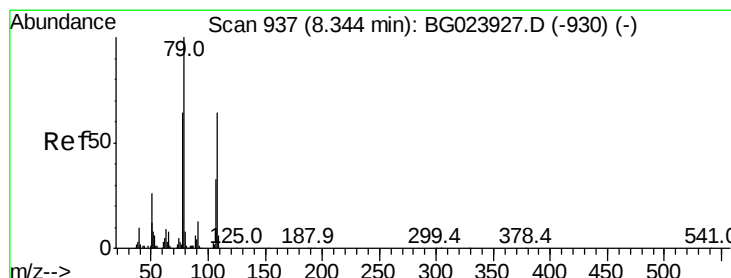
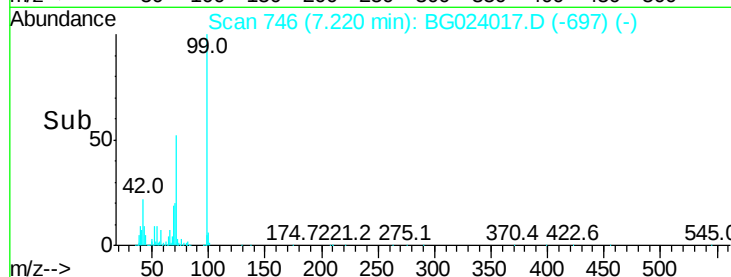
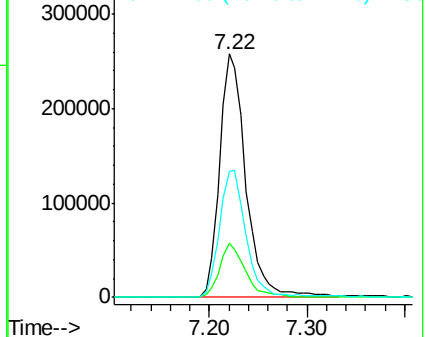
71 51.9 41.5 62.3



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: 2.26 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.07 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

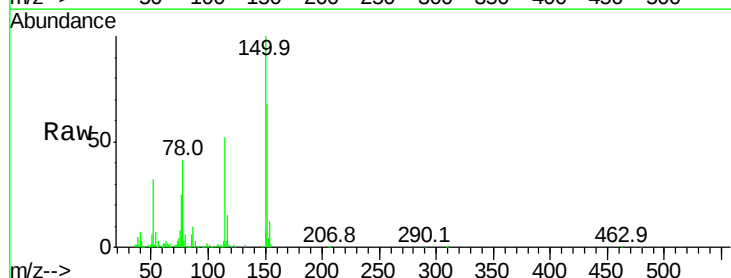
Tgt Ion: 79 Resp: 6921

Ion Ratio Lower Upper

79 100

108 21.3 46.5 69.7#

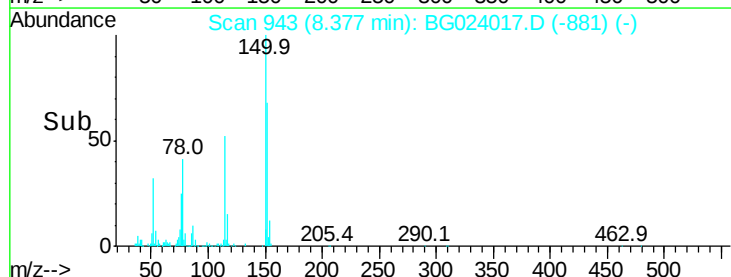
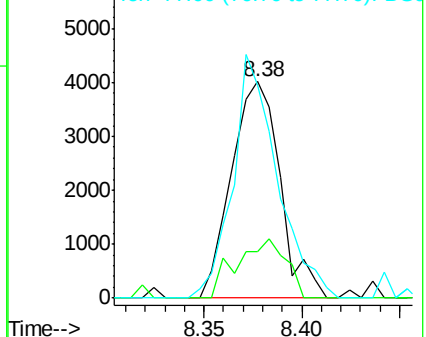
77 98.3 52.3 78.5#

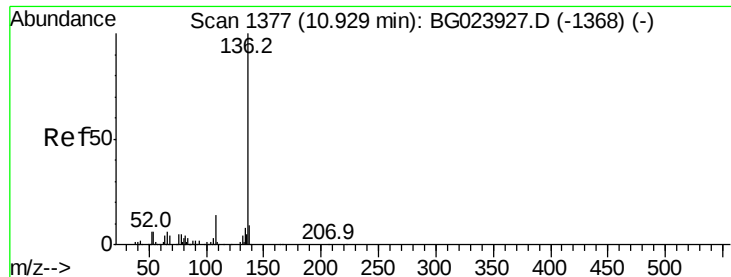


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

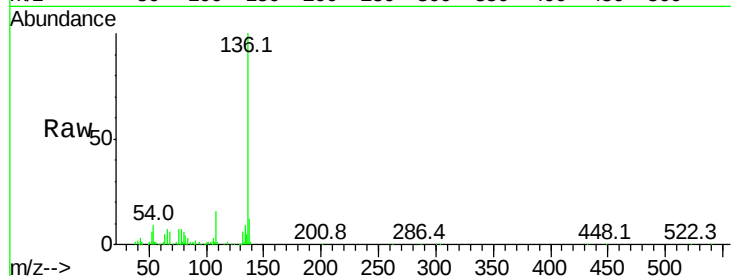




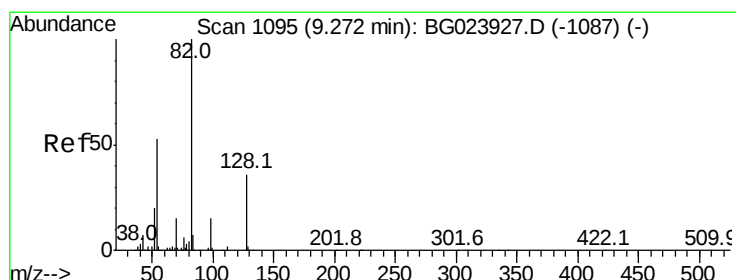
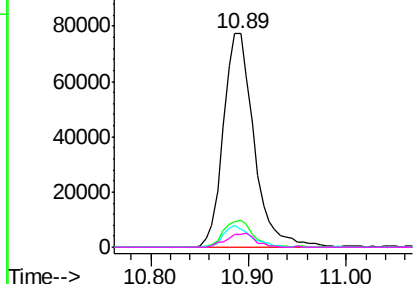
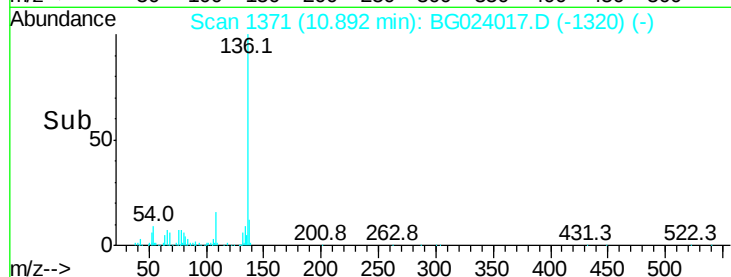
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG024017.D
Acq: 17 Sep 2016 6:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	168727
Ion	Ratio	Lower Upper
136	100	
137	12.4	9.6 14.4
54	8.6	7.3 10.9
68	6.0	5.3 7.9

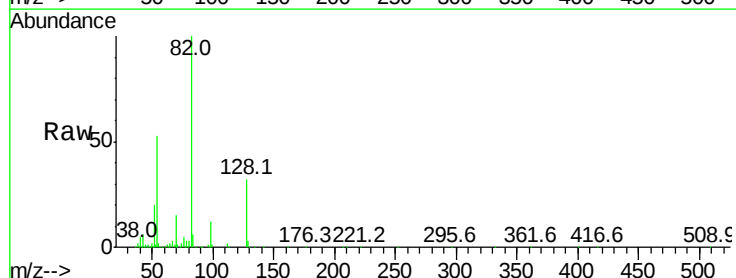


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

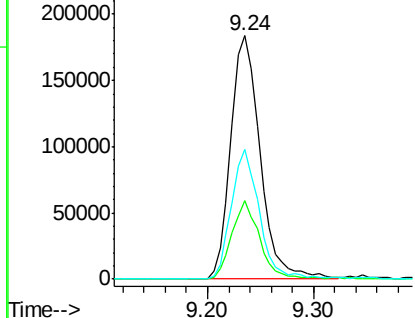
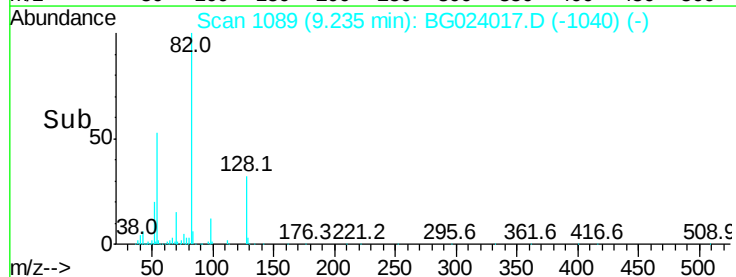


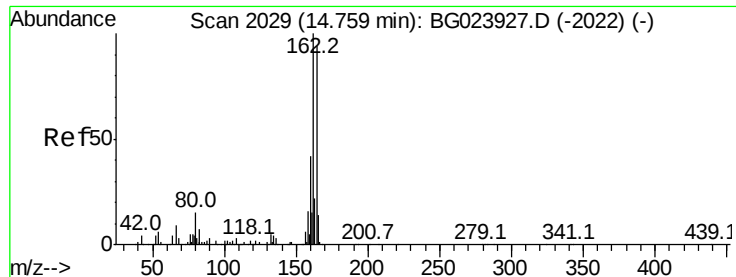
#23
Nitrobenzene-d5
Concen: 93.90 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BG024017.D
Acq: 17 Sep 2016 6:13

Tgt Ion: 82	Resp:	354896
Ion	Ratio	Lower Upper
82	100	
128	32.2	24.4 36.6
54	53.4	41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

Instrument :

BNA_G

ClientSampleId :

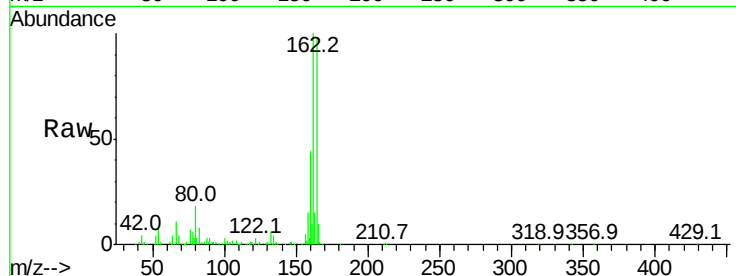
Tot Ion:164 Resp: 153966

Ion Ratio Lower Upper

164 100

162 102.4 87.7 131.5

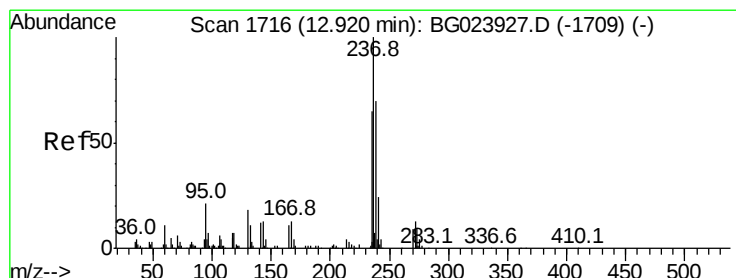
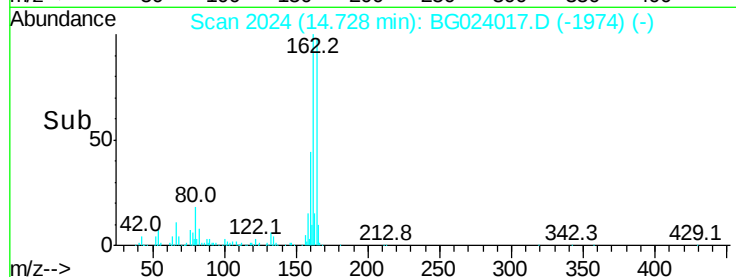
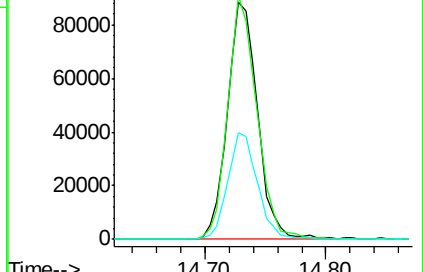
160 44.9 37.2 55.8



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: 7.11 ng

RT: 13.05 min Scan# 1739

Delta R.T. 0.17 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

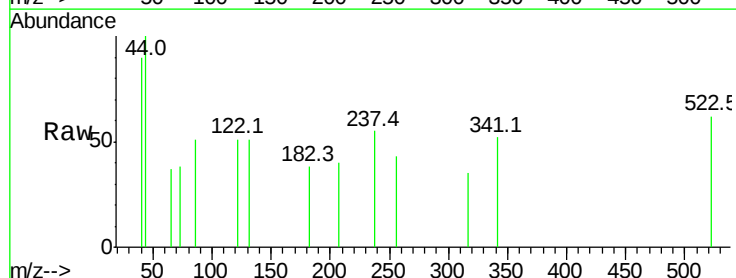
Tgt Ion:237 Resp: 83

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

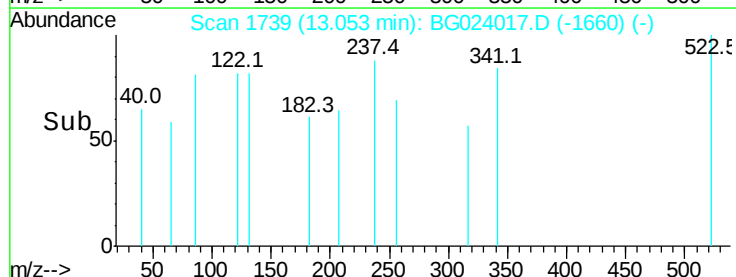
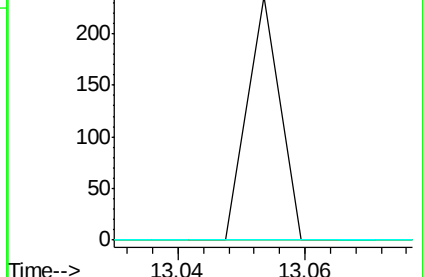
272 0.0 0.0 30.9

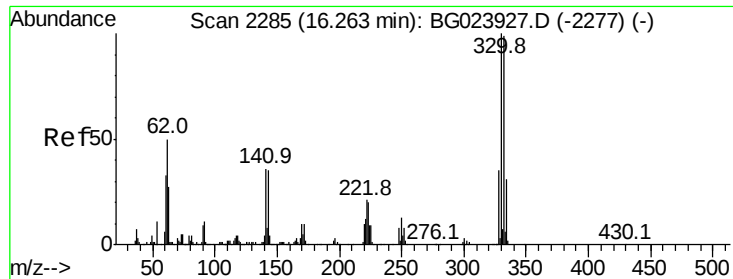


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

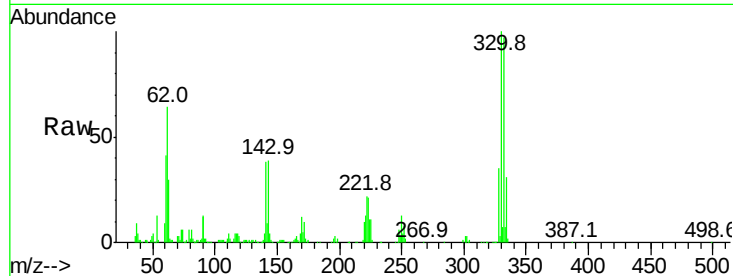




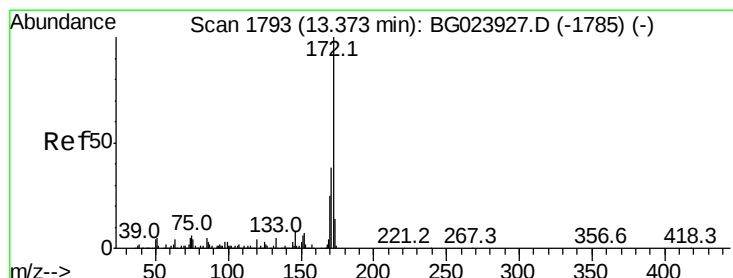
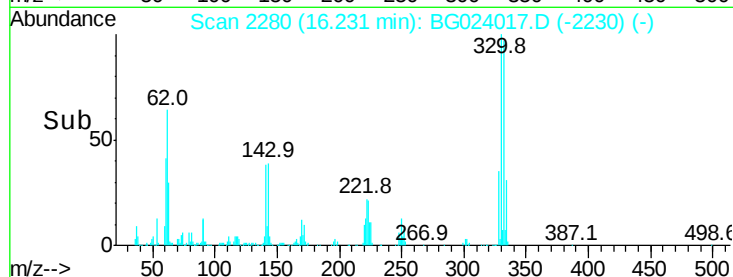
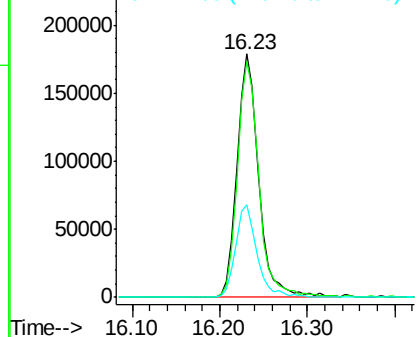
#41
 2,4,6-Tribromophenol
 Concen: 107.28 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG024017.D
 Acq: 17 Sep 2016 6:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	37.8	31.7	47.5

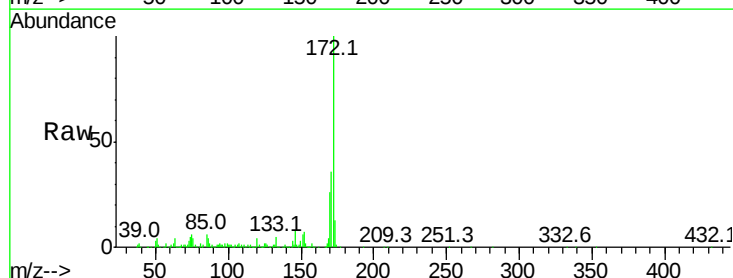


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

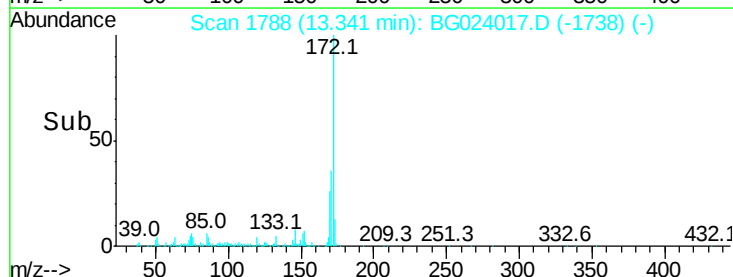
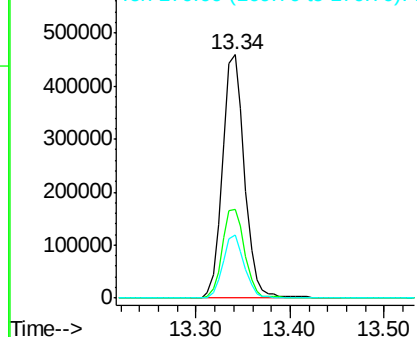


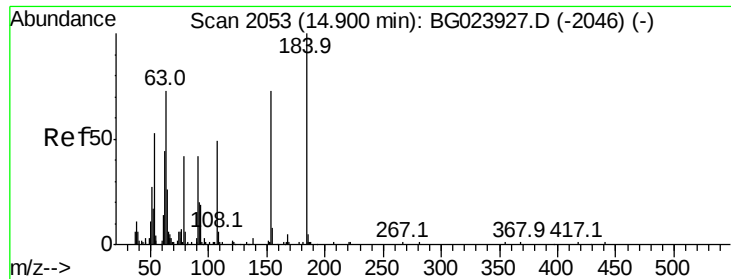
#44
 2-Fluorobiphenyl
 Concen: 69.83 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG024017.D
 Acq: 17 Sep 2016 6:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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





#53

2,4-Dinitrophenol

Concen: 6.54 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.08 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

Instrument :

BNA_G

ClientSampleId :

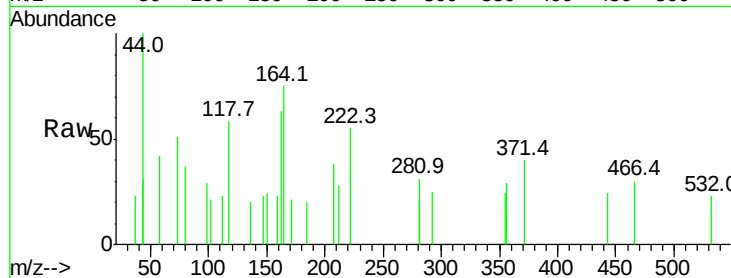
Tot Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

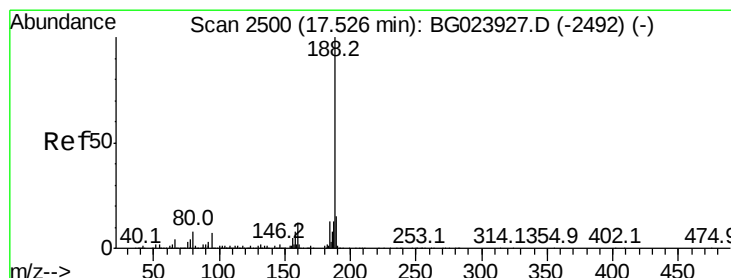
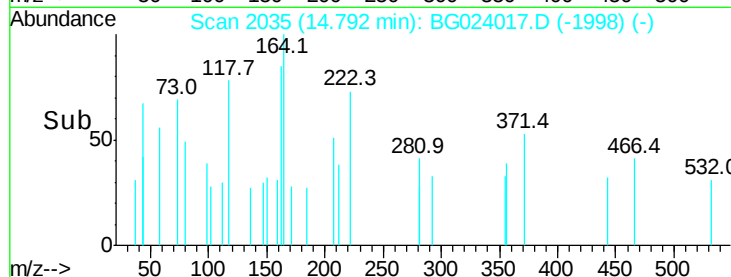
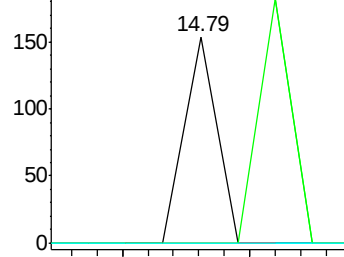
154 0.0 67.4 101.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG023927.D (-2046) (-)

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. 0.00 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

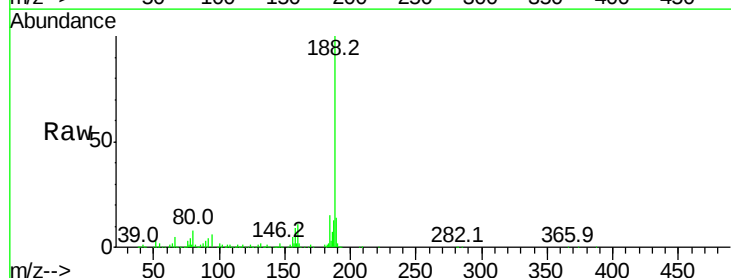
Tgt Ion:188 Resp: 392228

Ion Ratio Lower Upper

188 100

94 6.1 5.2 7.8

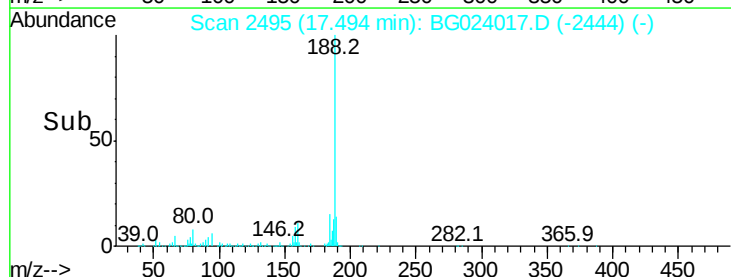
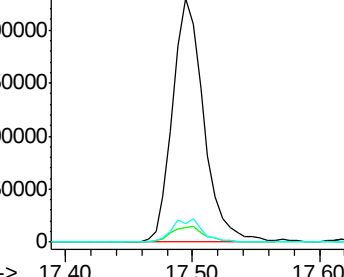
80 7.8 7.2 10.8

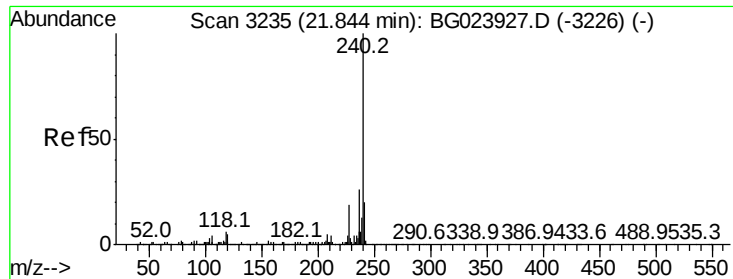


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG023927.D (-2492) (-)

Ion 80.00 (79.70 to 80.70): BG023927.D (-2492) (-)





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.81 min Scan# 3229

Delta R.T. 0.00 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

Instrument :

BNA_G

ClientSampleId :

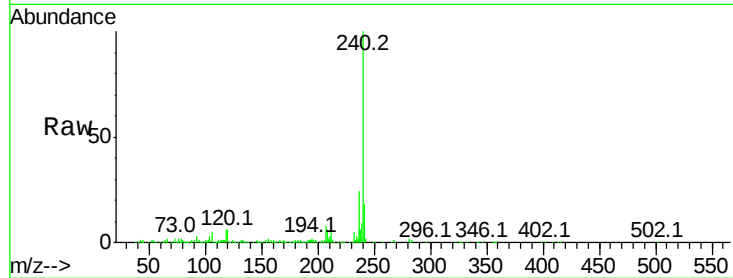
Tot Ion:240 Resp: 428661

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

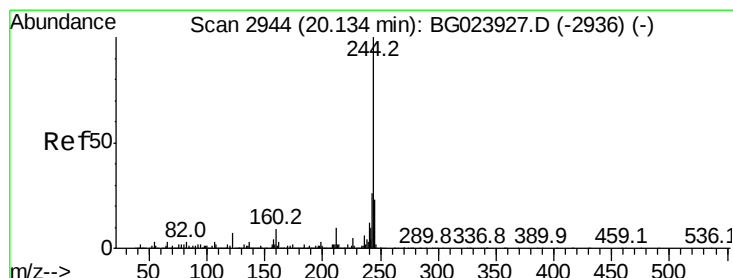
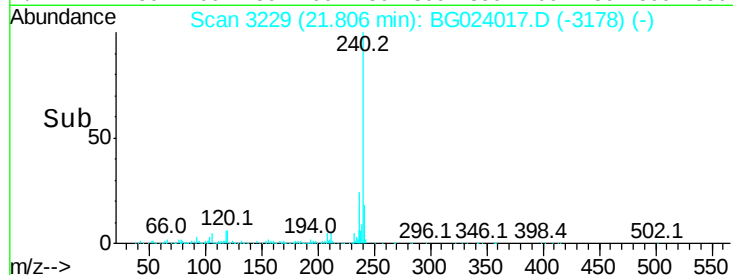
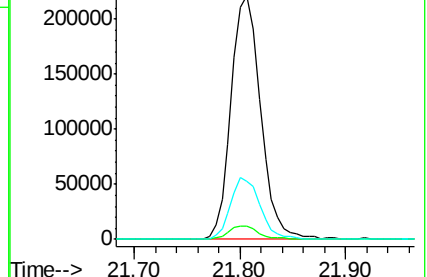
236 23.8 21.1 31.7



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: 78.50 ng

RT: 20.10 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG024017.D

Acq: 17 Sep 2016 6:13

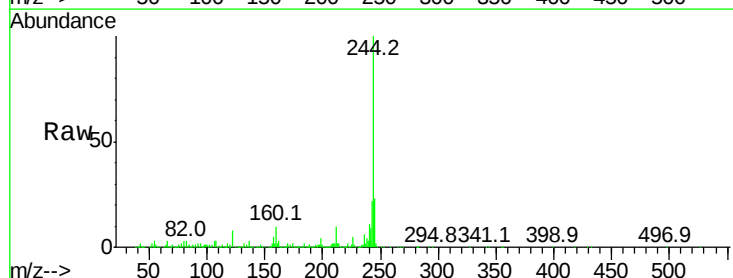
Tgt Ion:244 Resp: 1477621

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

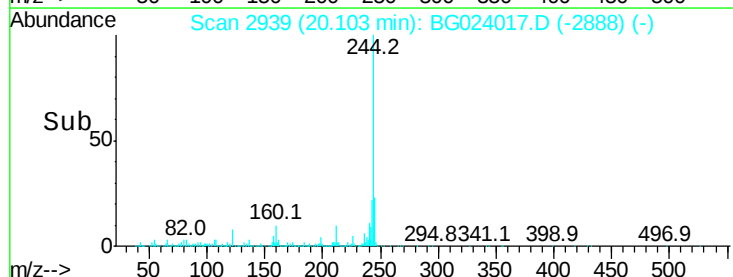
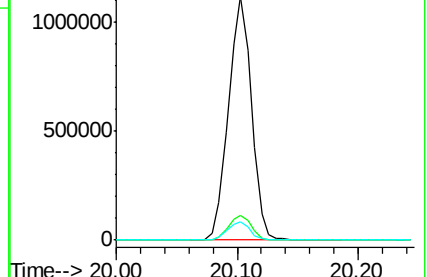
122 7.8 8.0 12.0#

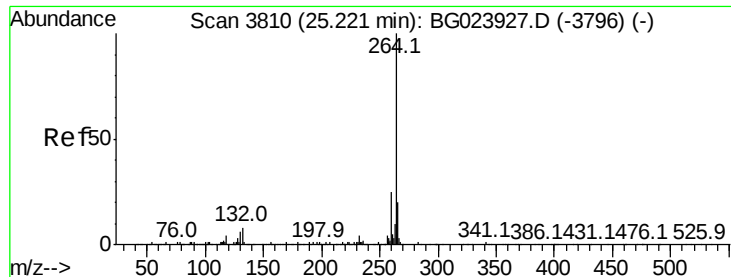


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3797
Delta R.T. -0.01 min
Lab File: BG024017.D
Acq: 17 Sep 2016 6:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.8	18.4	27.6
265	21.1	18.9	28.3

