

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
 Data File : BG023968.D
 Acq On : 8 Sep 2016 16:55
 Operator : UM/SJ
 Sample : H4728-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TILCON-MH-3-8-STONE-003

Quant Time: Sep 08 17:41:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

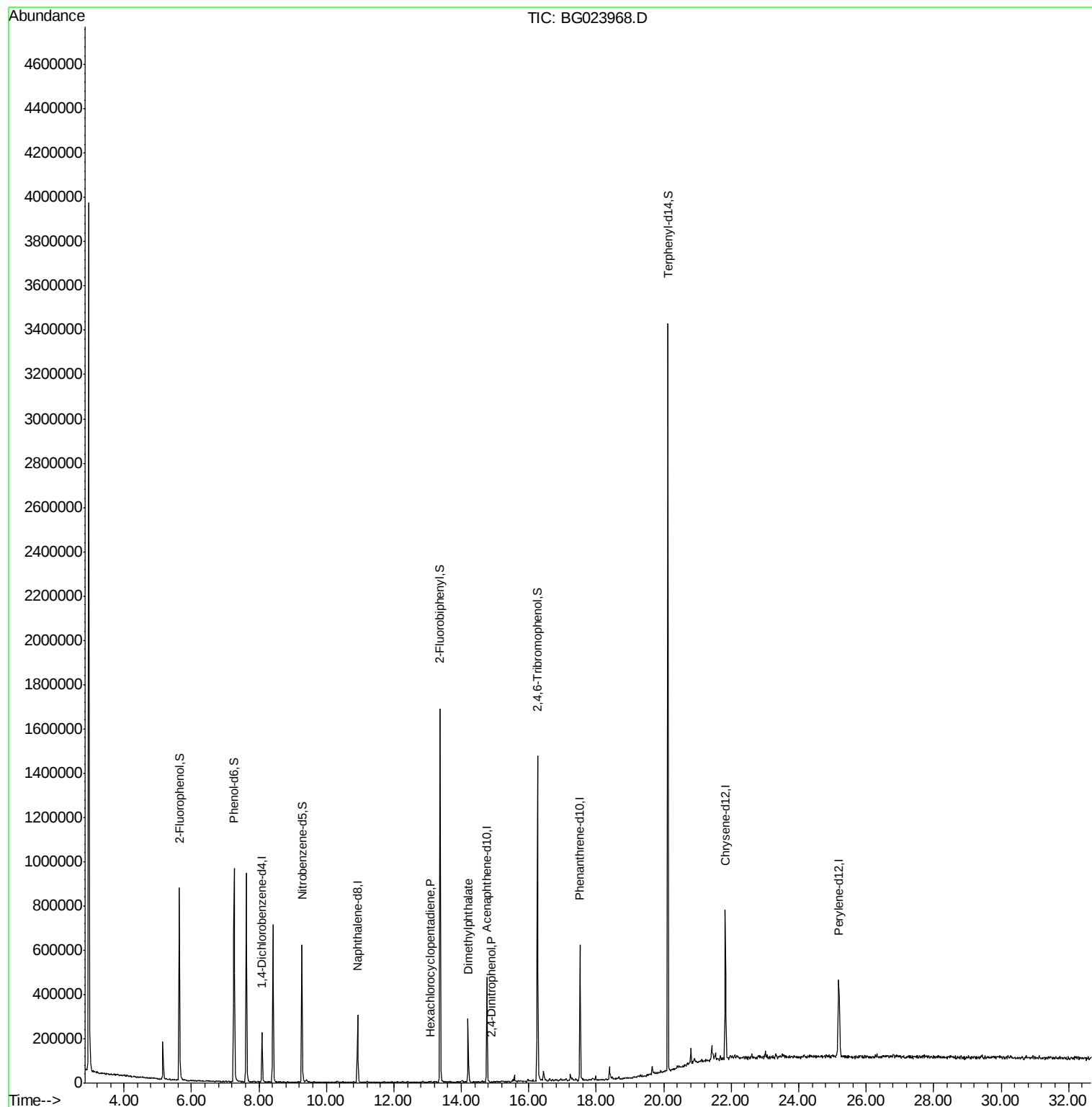
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50196	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	228306	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	159154	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	379731	20.00	ng	0.00
75) Chrysene-d12	21.83	240	423873	20.00	ng	-0.02
86) Perylene-d12	25.19	264	423390	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	342479	119.79	ng	0.00
7) Phenol-d6	7.26	99	516796	117.43	ng	0.00
23) Nitrobenzene-d5	9.27	82	392224	76.70	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	280349	97.77	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	824867	74.31	ng	0.00
78) Terphenyl-d14	20.12	244	1345315	72.28	ng	-0.01
Target Compounds						
40) Hexachlorocyclopentadiene	13.07	237	57	7.10	ng	# 26
49) Dimethylphthalate	14.20	163	175765	12.88	ng	98
53) 2,4-Dinitrophenol	14.88	184	72	6.54	ng	# 10

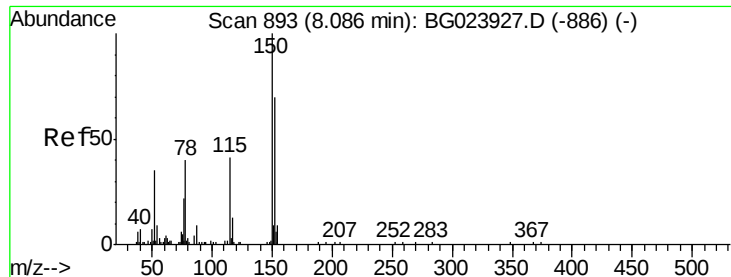
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. 0.01 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

Instrument :

BNA_G

ClientSampleId :

TILCON-MH-3-8-STONE-003

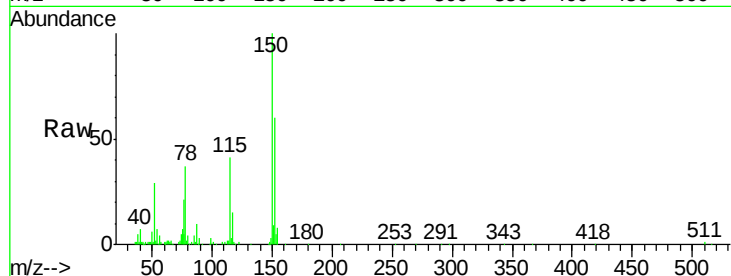
Tgt Ion:152 Resp: 50196

Ion Ratio Lower Upper

152 100

150 166.7 144.7 217.1

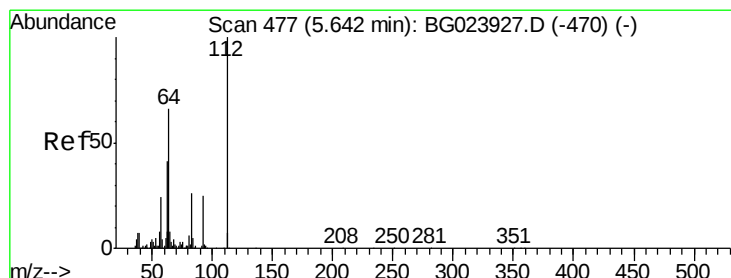
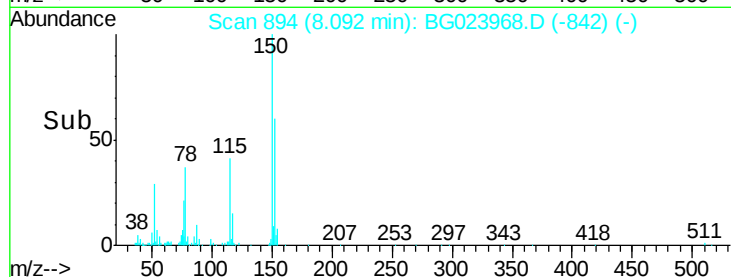
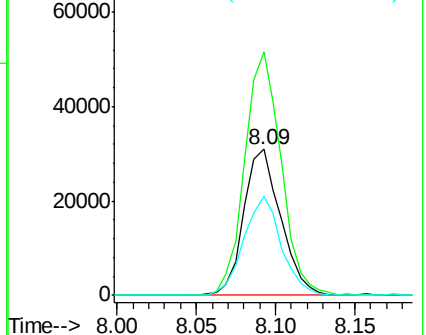
115 68.2 64.0 96.0



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: 119.79 ng

RT: 5.64 min Scan# 476

Delta R.T. -0.00 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

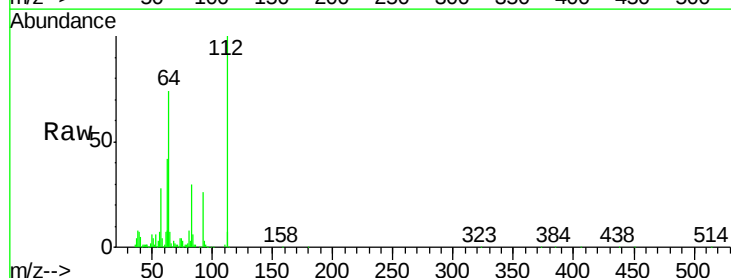
Tgt Ion:112 Resp: 342479

Ion Ratio Lower Upper

112 100

64 73.6 59.0 88.4

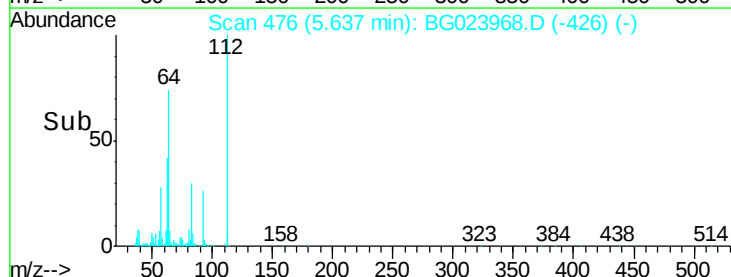
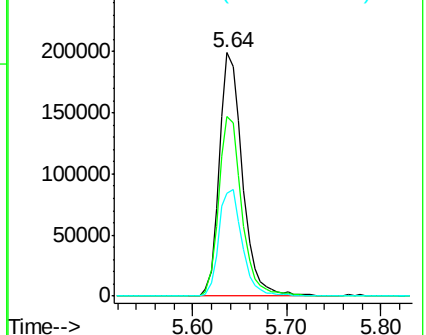
63 42.1 37.8 56.8

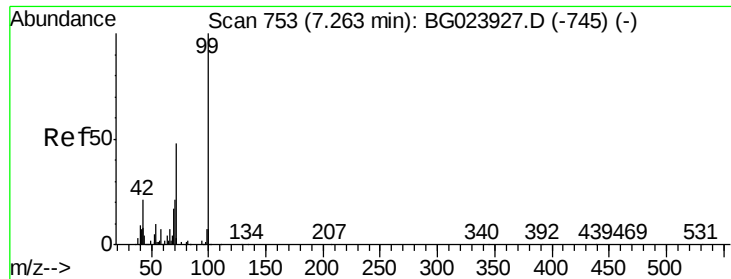


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.43 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.00 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

Instrument :

BNA_G

ClientSampleId :

TILCON-MH-3-8-STONE-003

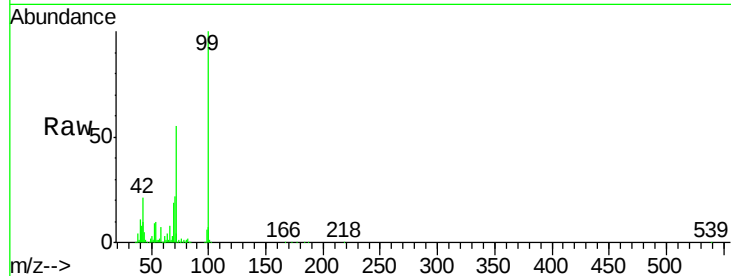
Tgt Ion: 99 Resp: 516796

Ion Ratio Lower Upper

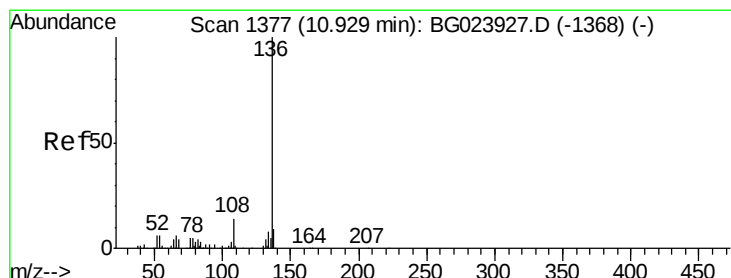
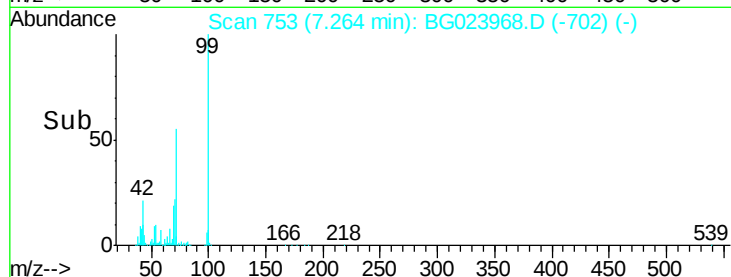
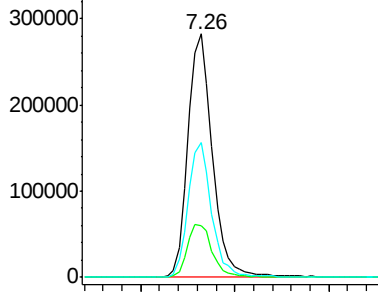
99 100

42 21.5 17.8 26.6

71 55.4 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: 10.92 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

Tgt Ion: 136 Resp: 228306

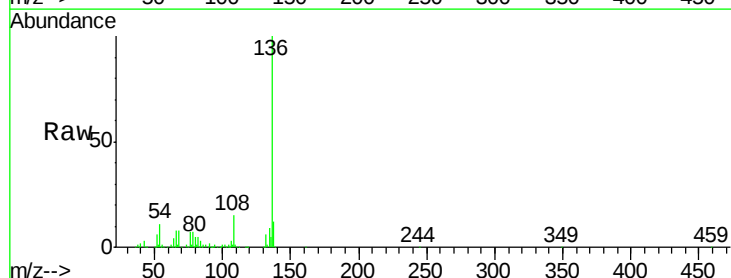
Ion Ratio Lower Upper

136 100

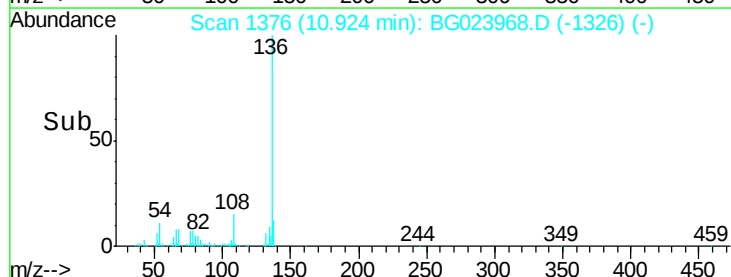
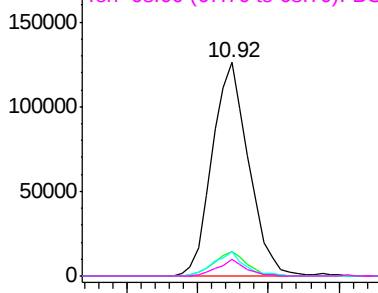
137 11.5 9.6 14.4

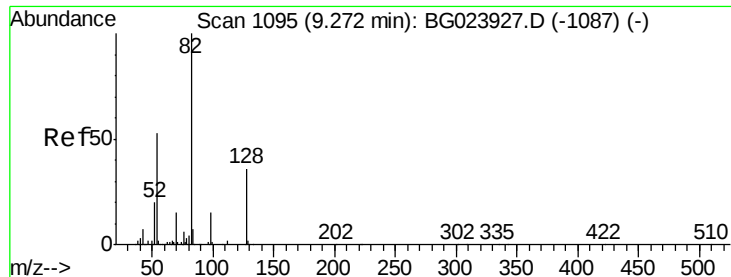
54 11.1 7.3 10.9#

68 8.1 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

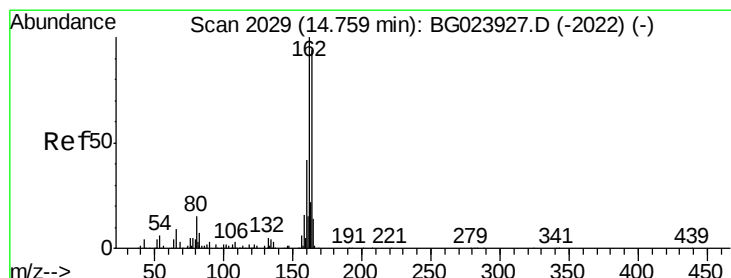
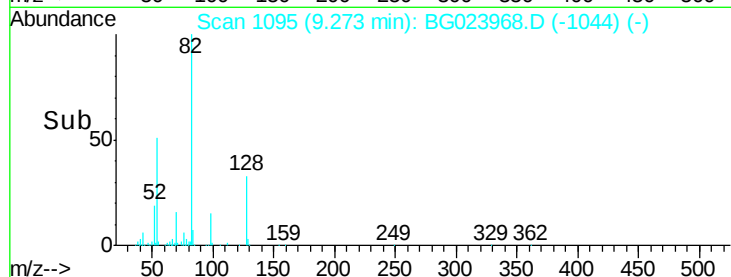
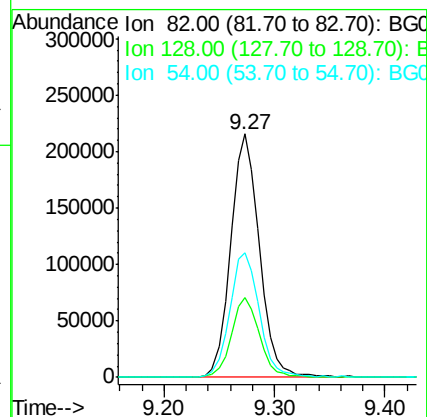
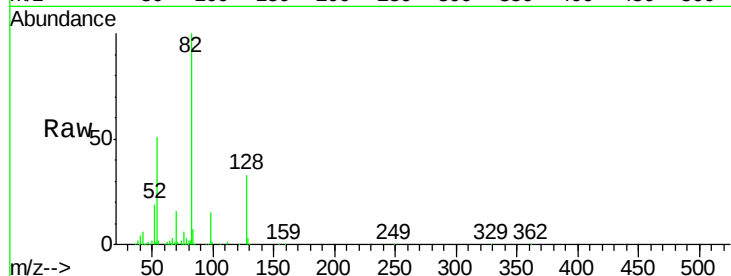




#23
 Nitrobenzene-d5
 Concen: 76.70 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BG023968.D
 Acq: 8 Sep 2016 16:55

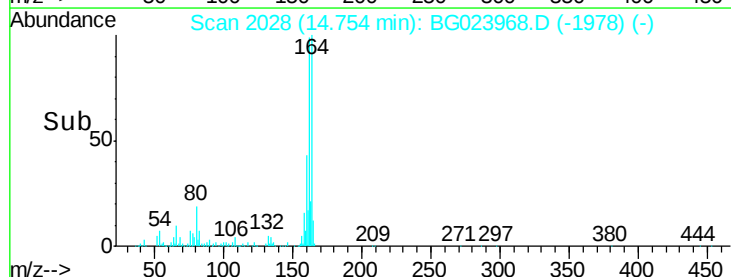
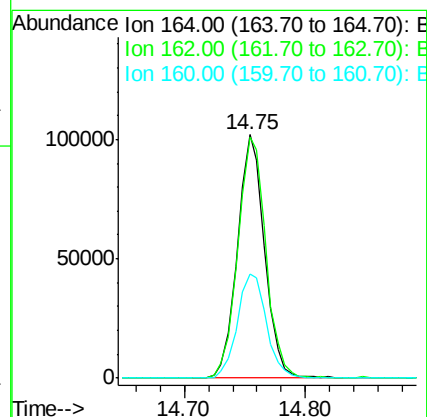
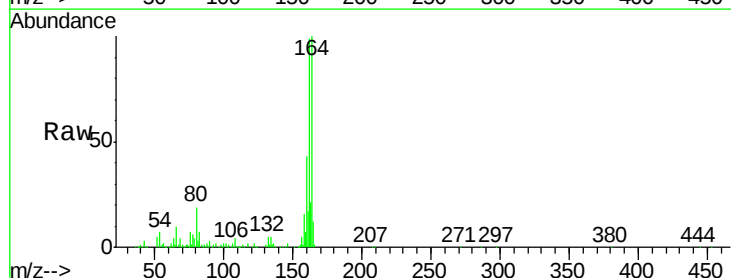
Instrument :
 BNA_G
 ClientSampleId :
 TILCON-MH-3-8-STONE-003

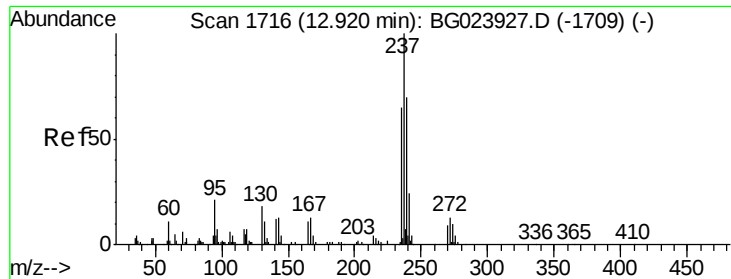
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	51.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG023968.D
 Acq: 8 Sep 2016 16:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	87.7	131.5
160	43.0	37.2	55.8





#40

Hexachlorocyclopentadiene

Concen: 7.10 ng

RT: 13.07 min Scan# 1742

Delta R.T. 0.15 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

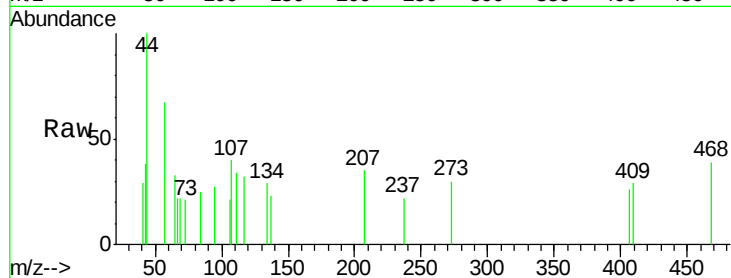
Instrument :

BNA_G

ClientSampleId :

TILCON-MH-3-8-STONE-003

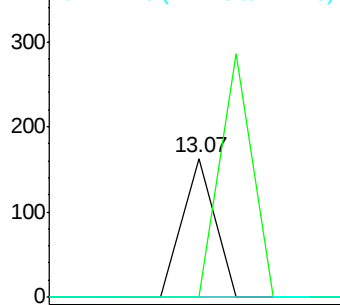
Tgt Ion:	237	Resp:	57
Ion Ratio	Lower	Upper	
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



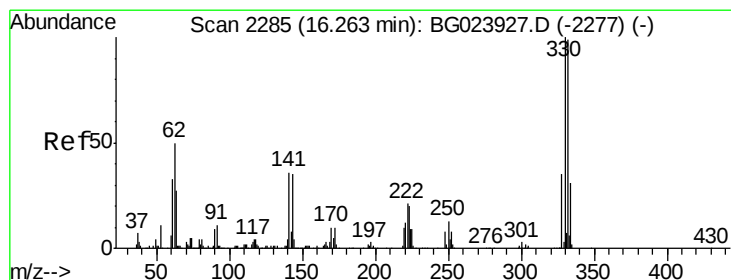
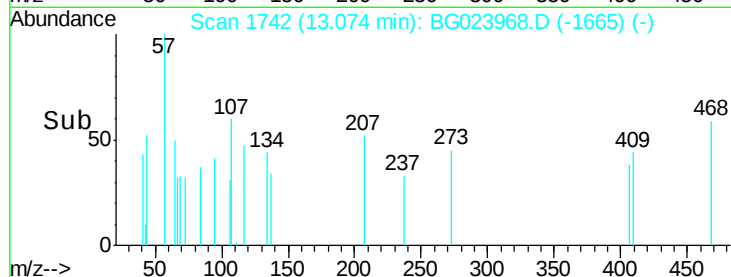
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 97.77 ng

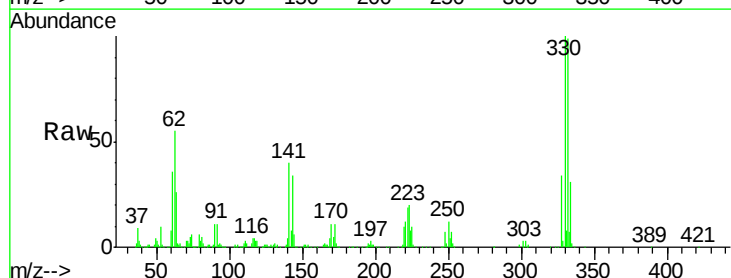
RT: 16.26 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

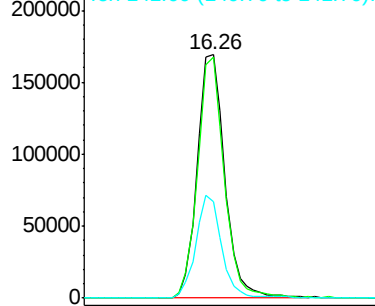
Tgt Ion:	330	Resp:	280349
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.4	116.2
141	39.4	31.7	47.5



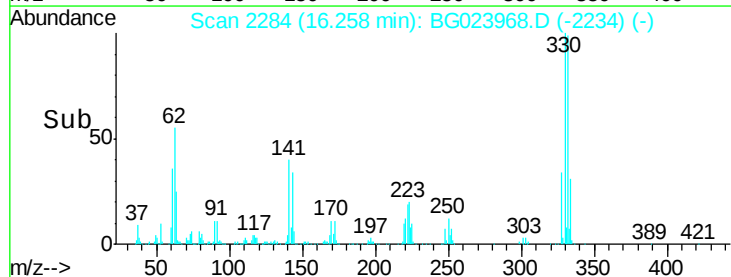
Abundance Ion 329.80 (329.50 to 330.50): E

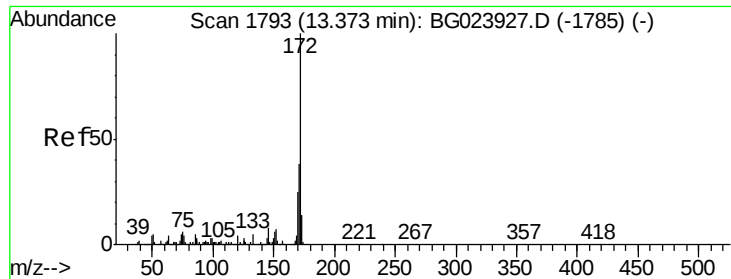
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

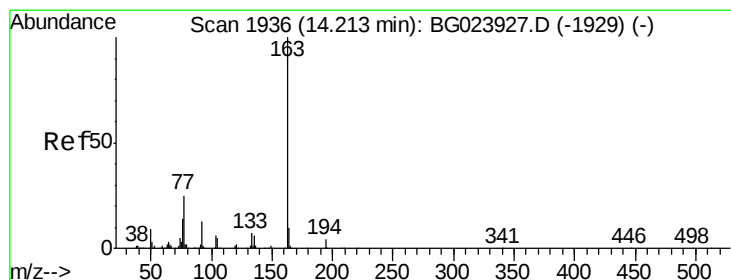
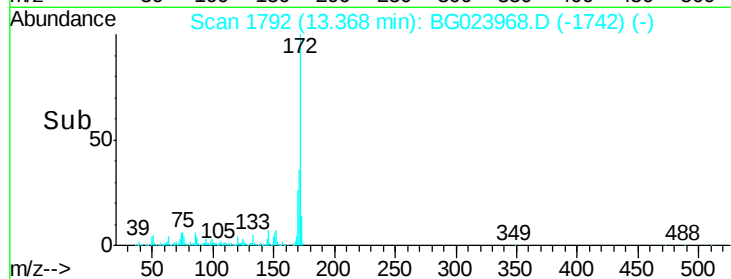
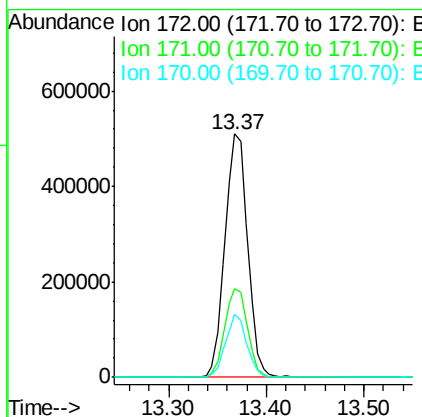
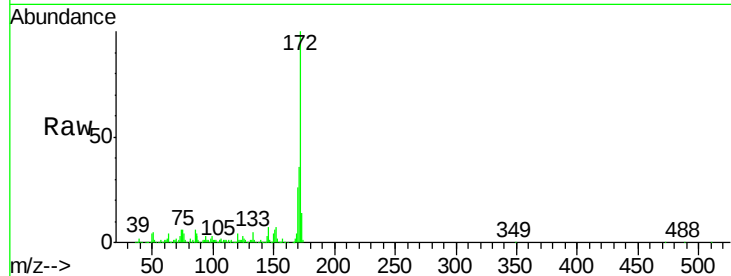




#44
 2-Fluorobiphenyl
 Concen: 74.31 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG023968.D
 Acq: 8 Sep 2016 16:55

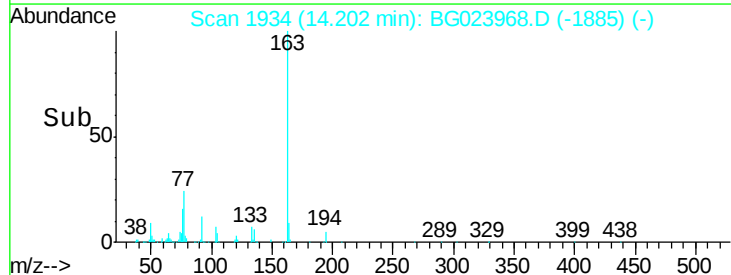
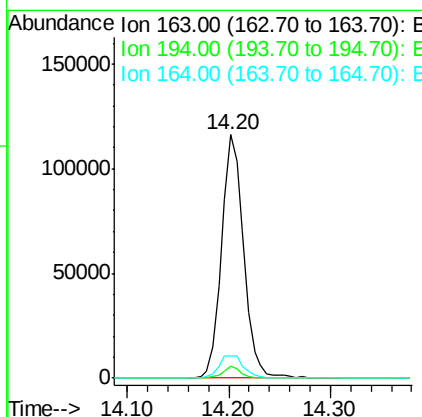
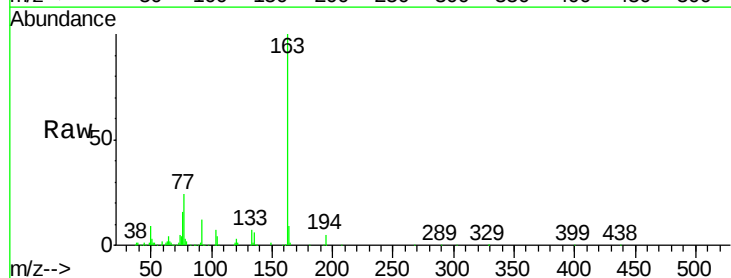
Instrument :
 BNA_G
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 TILCON-MH-3-8-STONE-003

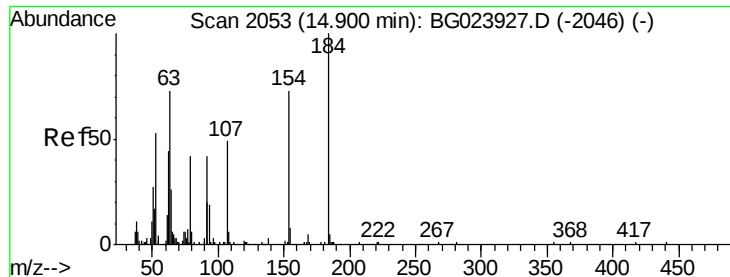
Tgt Ion:172 Resp: 824867
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.6 47.4
 170 25.7 21.3 31.9



#49
 Dimethylphthalate
 Concen: 12.88 ng
 RT: 14.20 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BG023968.D
 Acq: 8 Sep 2016 16:55

Tgt Ion:163 Resp: 175765
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.6 5.4
 164 9.1 8.1 12.1

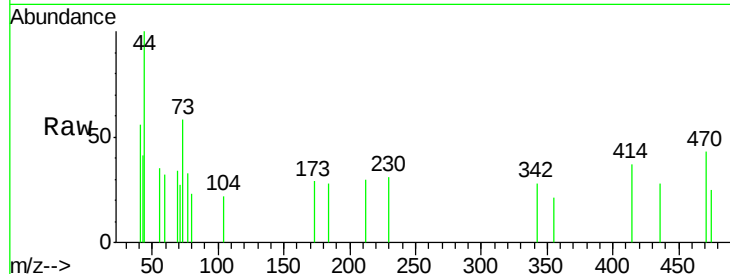




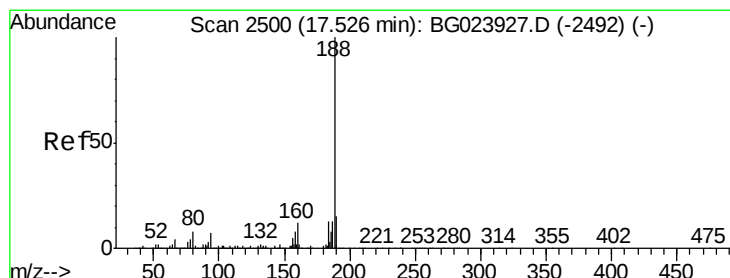
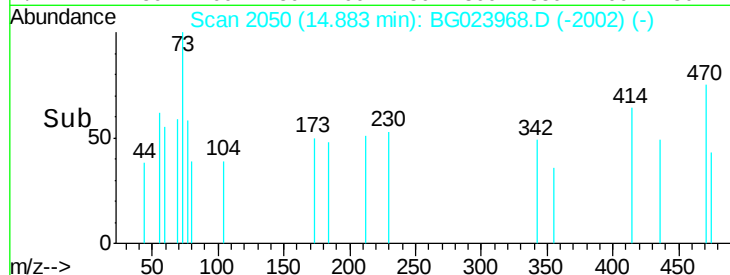
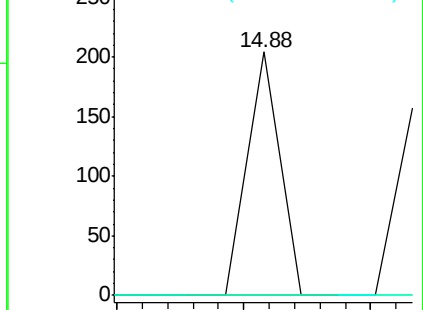
#53
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG023968.D
Acq: 8 Sep 2016 16:55

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#

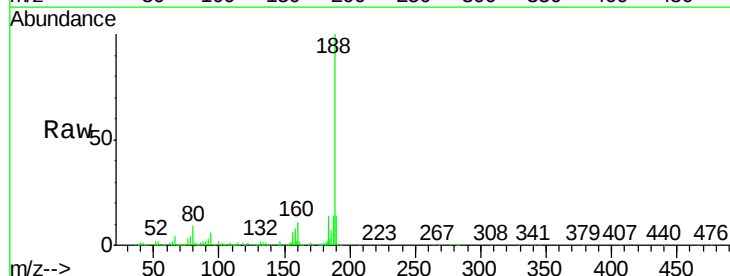


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

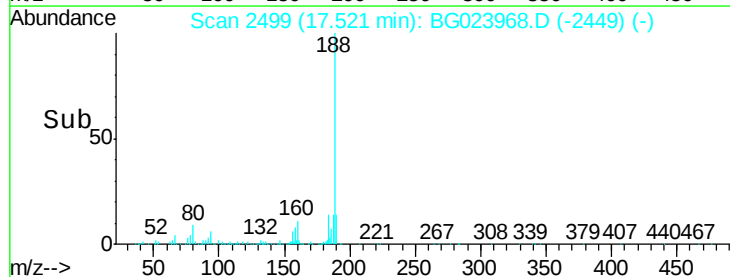
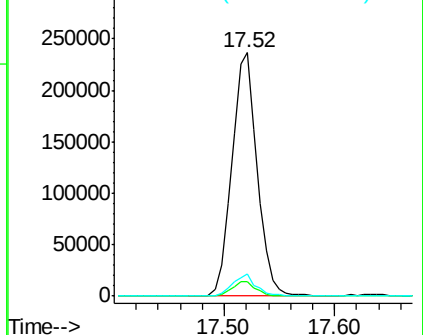


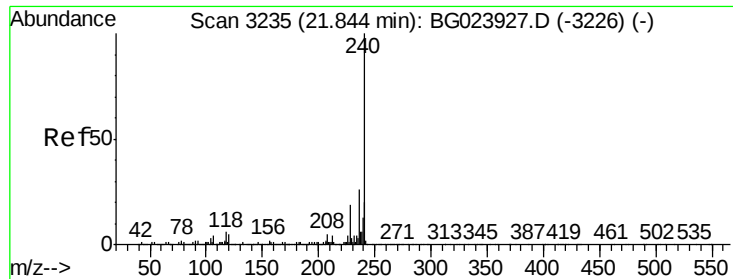
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2499
Delta R.T. -0.01 min
Lab File: BG023968.D
Acq: 8 Sep 2016 16:55

Tgt Ion:188 Resp: 379731
Ion Ratio Lower Upper
188 100
94 5.7 5.2 7.8
80 9.0 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: 21.83 min Scan# 3232

Delta R.T. -0.02 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

Instrument :

BNA_G

ClientSampleId :

TILCON-MH-3-8-STONE-003

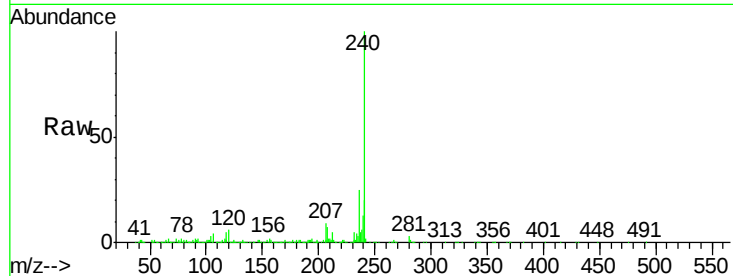
Tgt Ion:240 Resp: 423873

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

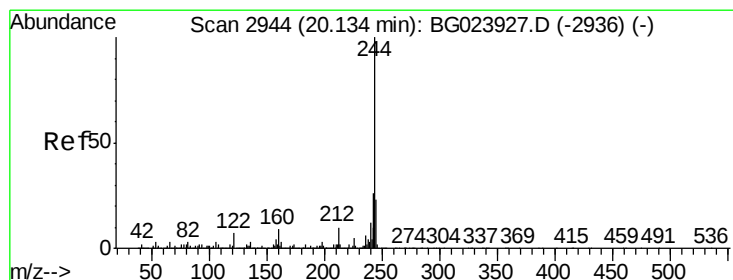
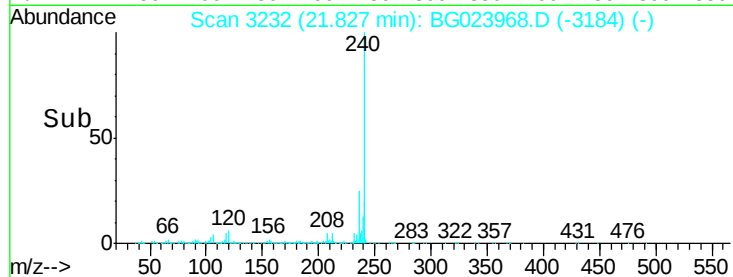
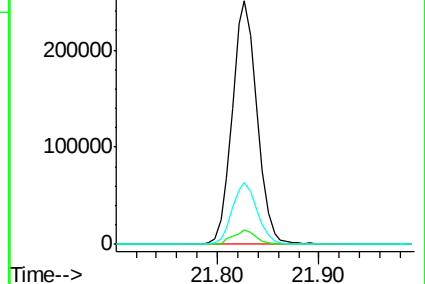
236 25.2 21.1 31.7



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: 72.28 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG023968.D

Acq: 8 Sep 2016 16:55

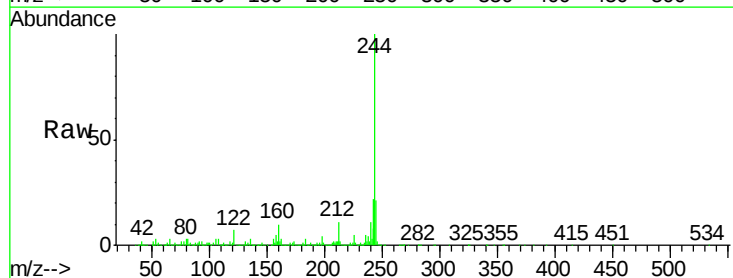
Tgt Ion:244 Resp: 1345315

Ion Ratio Lower Upper

244 100

212 10.7 10.8 16.2#

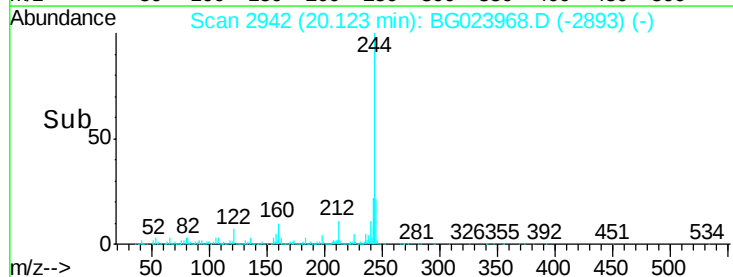
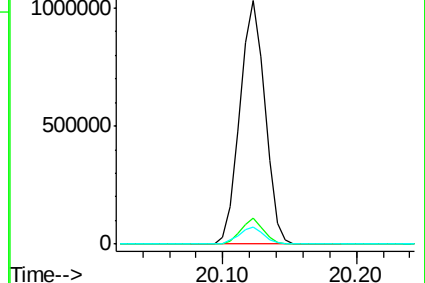
122 7.2 8.0 12.0#

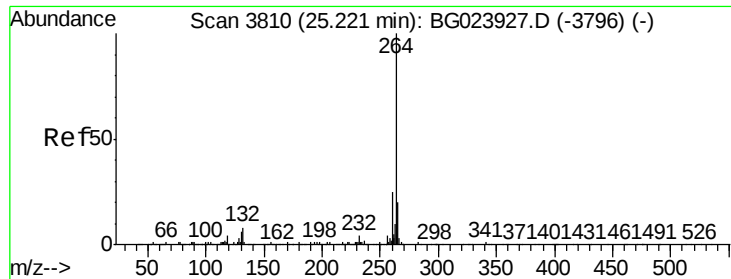


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.19 min Scan# 3805
Delta R.T. -0.03 min
Lab File: BG023968.D
Acq: 8 Sep 2016 16:55

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-3-8-STONE-003

Tgt Ion:	264	Resp:	423390
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	20.9	18.9	28.3

