

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
 Data File : BG023973.D
 Acq On : 9 Sep 2016 11:56
 Operator : UM/SJ
 Sample : H4728-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TILCON-MH-SF-006

Quant Time: Sep 09 12:52:18 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 12:43:30 2016
 Response via : Initial Calibration

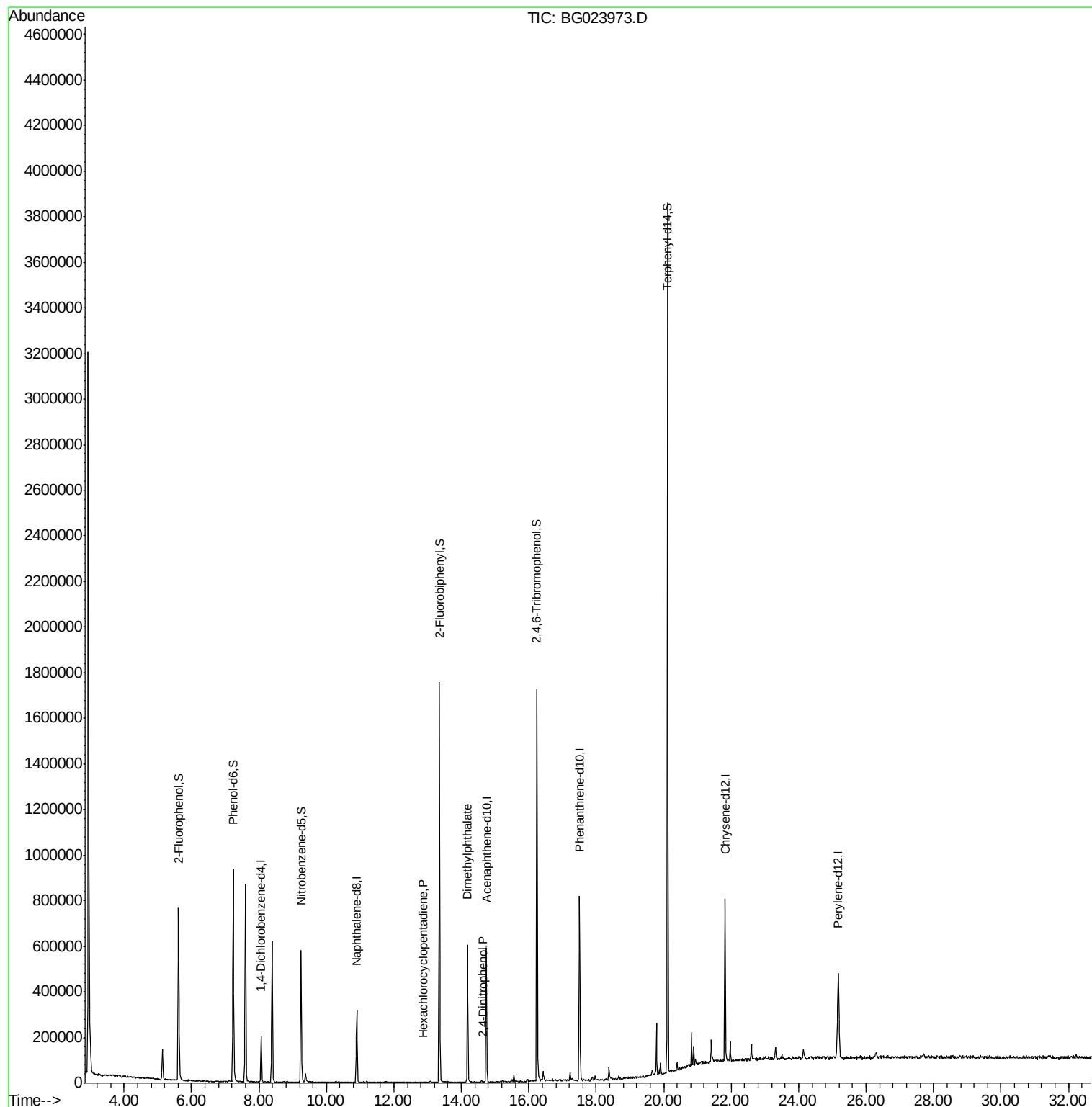
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	51072	20.00	ng	-0.04
21) Naphthalene-d8	10.90	136	239044	20.00	ng	-0.04
38) Acenaphthene-d10	14.74	164	191784	20.00	ng	-0.03
63) Phenanthrene-d10	17.50	188	497213	20.00	ng	-0.03
75) Chrysene-d12	21.82	240	444641	20.00	ng	-0.03
86) Perylene-d12	25.18	264	435446	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	299777	103.05	ng	-0.03
7) Phenol-d6	7.23	99	490051	109.44	ng	-0.04
23) Nitrobenzene-d5	9.24	82	369678	69.04	ng	-0.04
41) 2,4,6-Tribromophenol	16.24	330	320889	92.87	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	852064	63.70	ng	-0.03
78) Terphenyl-d14	20.12	244	1548834	79.33	ng	-0.02
Target Compounds						
40) Hexachlorocyclopentadiene	12.87	237	58	7.10	ng	# 26
49) Dimethylphthalate	14.18	163	362172	22.02	ng	98
53) 2,4-Dinitrophenol	14.64	184	54	6.53	ng	# 10

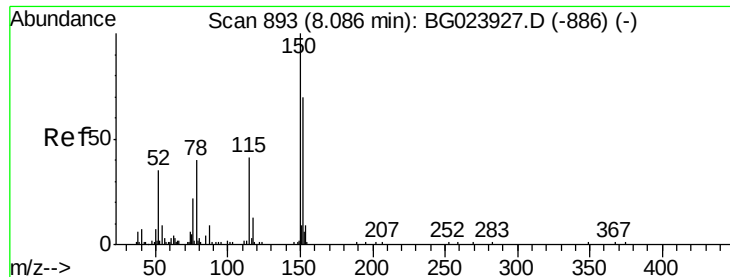
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.04 min

Lab File: BG023973.D

Acq: 9 Sep 2016 11:56

Instrument :

BNA_G

ClientSampleId :

TILCON-MH-SF-006

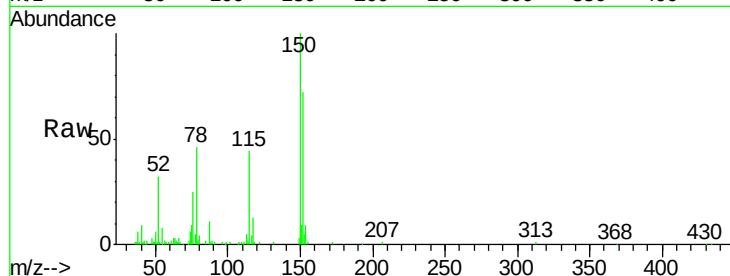
Tgt Ion:152 Resp: 51072

Ion Ratio Lower Upper

152 100

150 139.4 144.7 217.1#

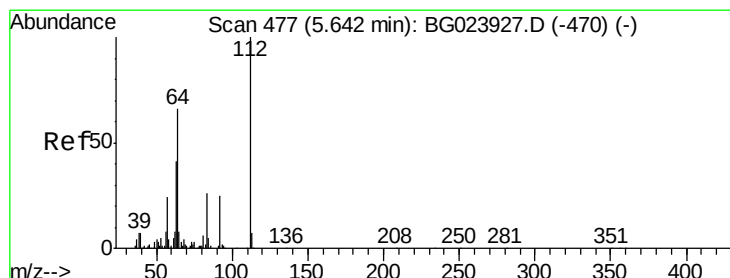
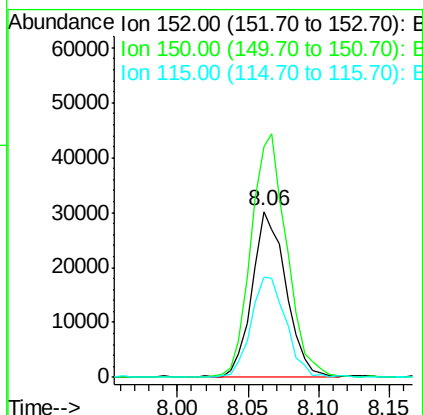
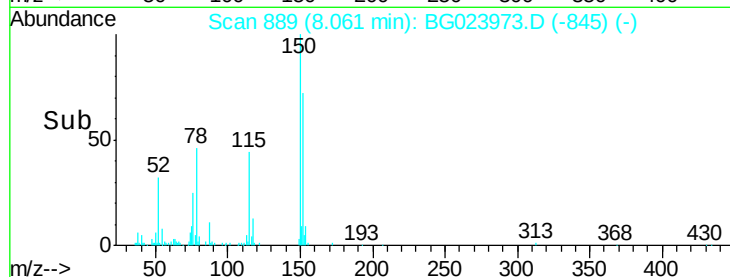
115 60.9 64.0 96.0#



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: 103.05 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.03 min

Lab File: BG023973.D

Acq: 9 Sep 2016 11:56

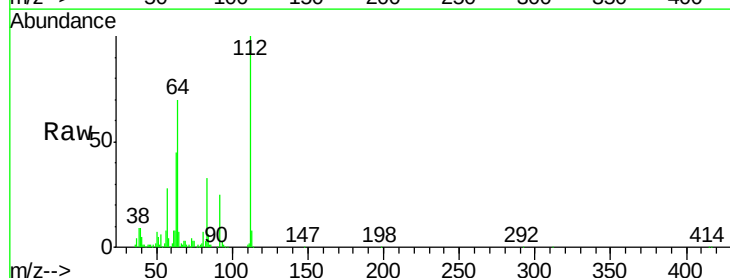
Tgt Ion:112 Resp: 299777

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

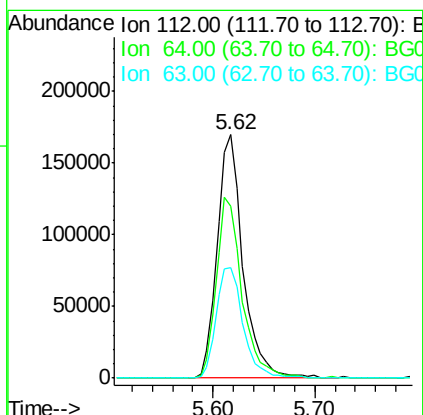
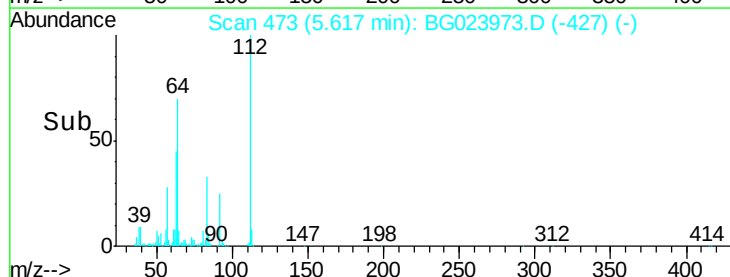
63 45.4 37.8 56.8

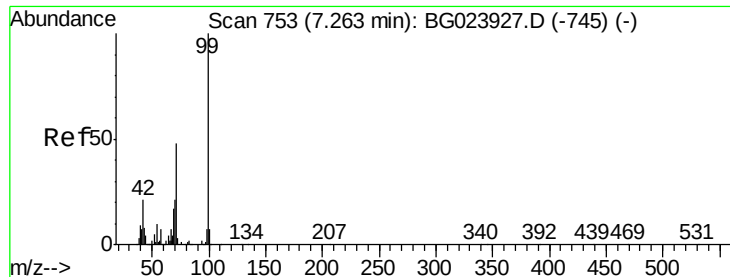


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.44 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.04 min

Lab File: BG023973.D

Acq: 9 Sep 2016 11:56

Instrument :

BNA_G

ClientSampleId :

TILCON-MH-SF-006

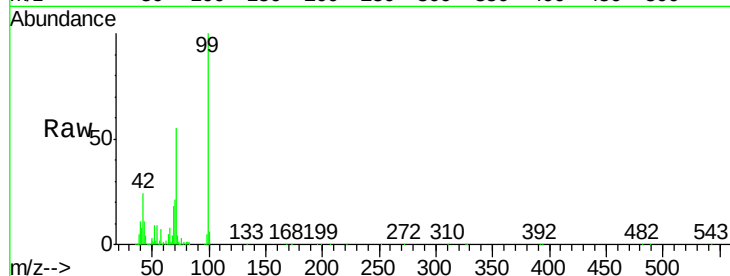
Tgt Ion: 99 Resp: 490051

Ion Ratio Lower Upper

99 100

42 23.9 17.8 26.6

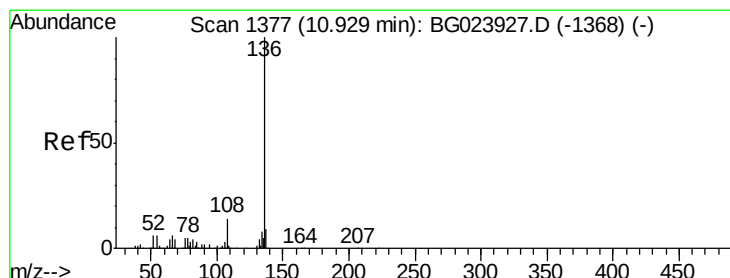
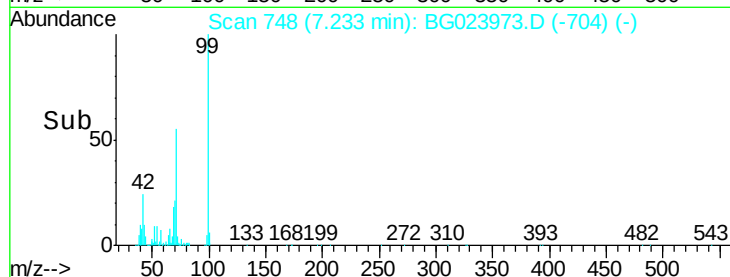
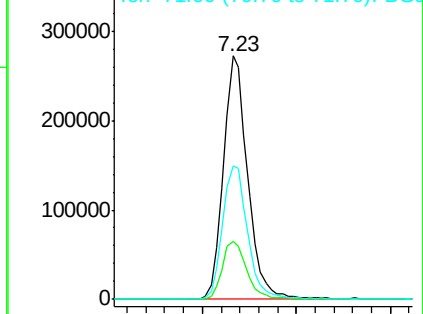
71 54.7 41.5 62.3



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: 10.90 min Scan# 1372

Delta R.T. -0.04 min

Lab File: BG023973.D

Acq: 9 Sep 2016 11:56

Tgt Ion: 136 Resp: 239044

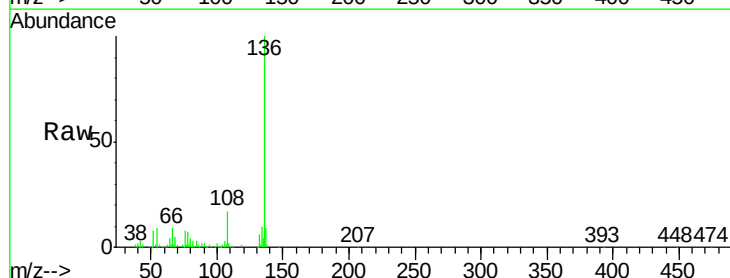
Ion Ratio Lower Upper

136 100

137 9.1 9.6 14.4#

54 9.1 7.3 10.9

68 4.9 5.3 7.9#

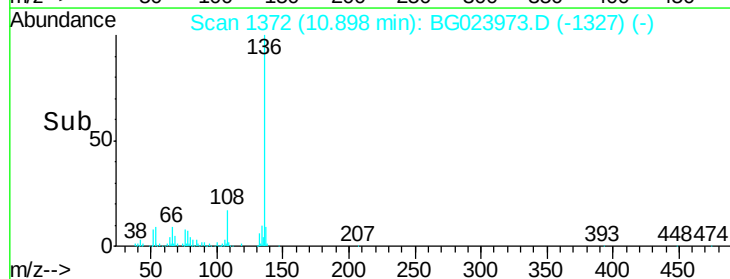
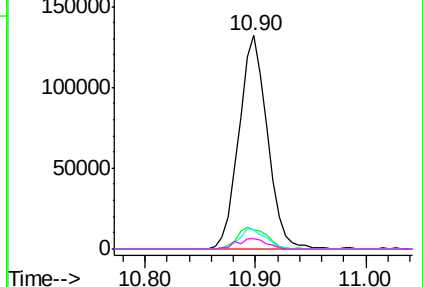


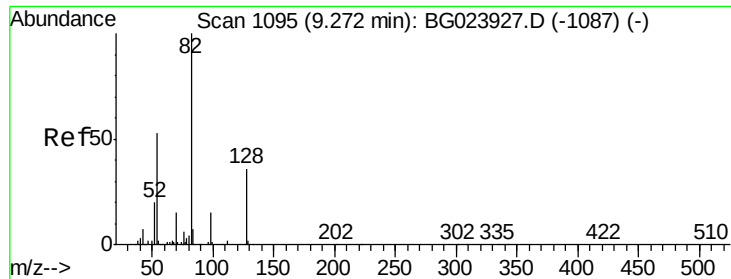
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

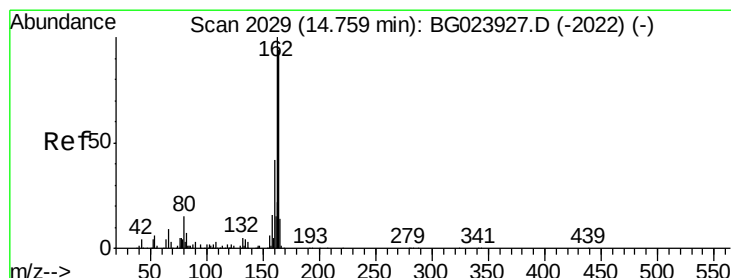
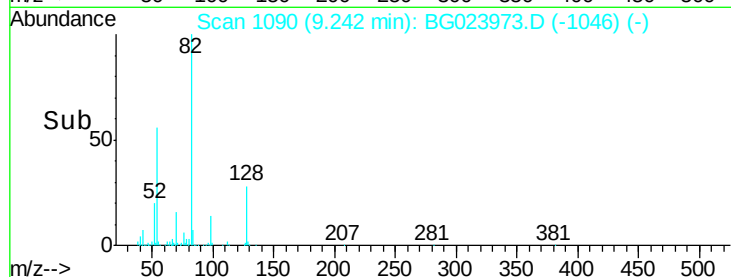
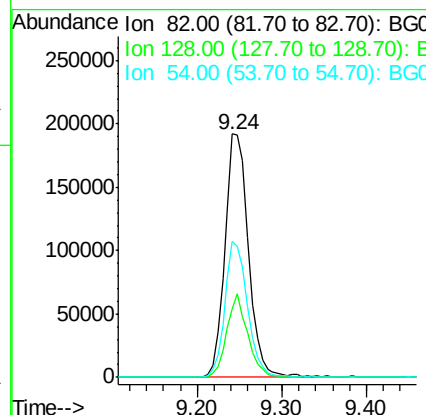
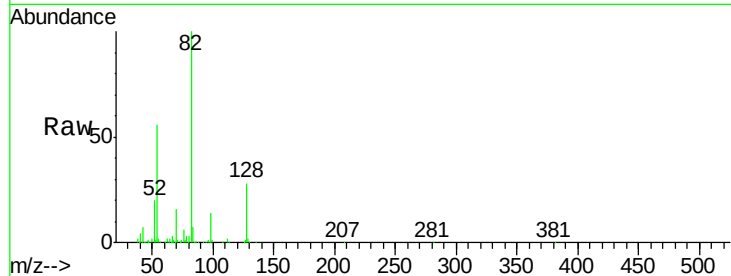




#23
 Nitrobenzene-d5
 Concen: 69.04 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.04 min
 Lab File: BG023973.D
 Acq: 9 Sep 2016 11:56

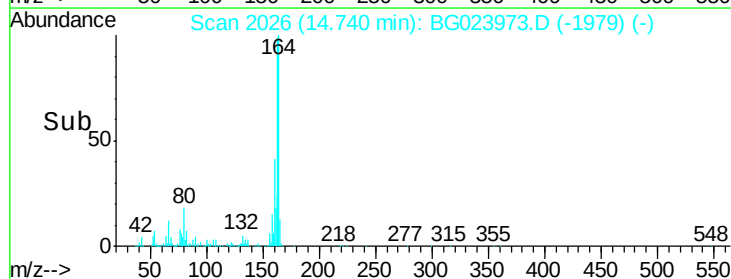
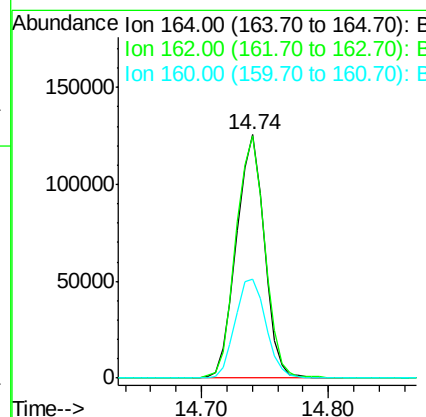
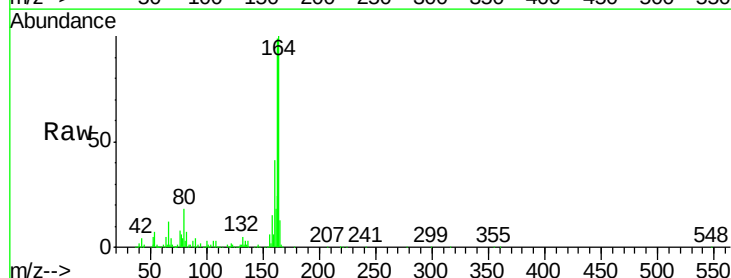
Instrument :
 BNA_G
 ClientSampleId :
 TILCON-MH-SF-006

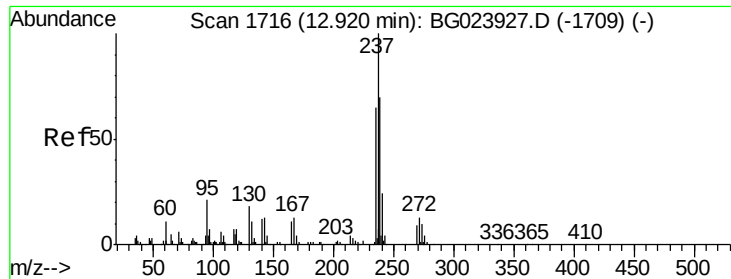
Tgt Ion	Ratio	Lower	Upper
82	100		
128	28.2	24.4	36.6
54	55.9	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BG023973.D
 Acq: 9 Sep 2016 11:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	87.7	131.5
160	40.9	37.2	55.8





#40

Hexachlorocyclopentadiene

Concen: 7.10 ng

RT: 12.87 min Scan# 1707

Delta R.T. -0.06 min

Lab File: BG023973.D

Acq: 9 Sep 2016 11:56

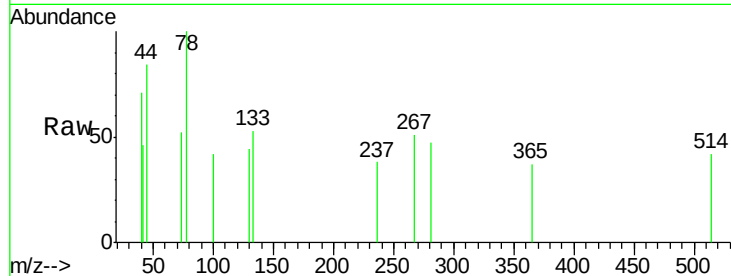
Instrument :

BNA_G

ClientSampleId :

TILCON-MH-SF-006

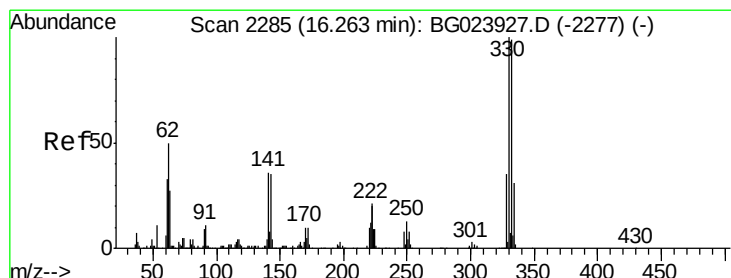
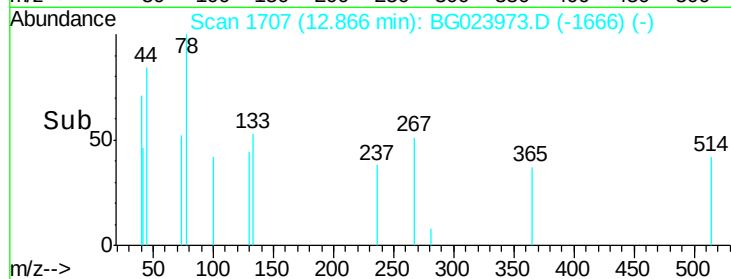
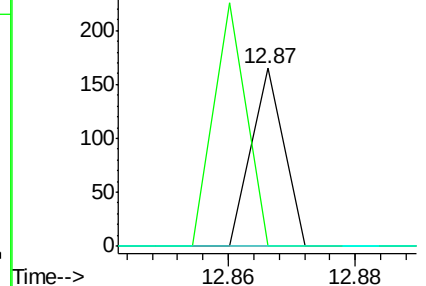
Tgt Ion:	237	Resp:	58
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



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: 92.87 ng

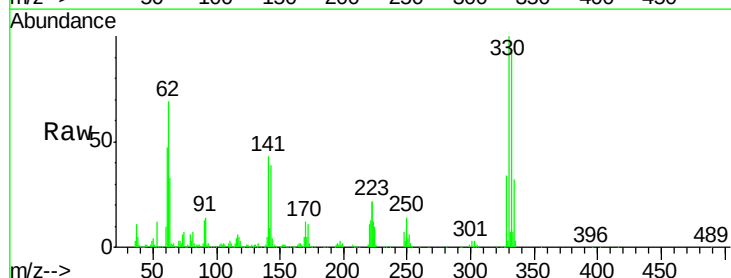
RT: 16.24 min Scan# 2281

Delta R.T. -0.03 min

Lab File: BG023973.D

Acq: 9 Sep 2016 11:56

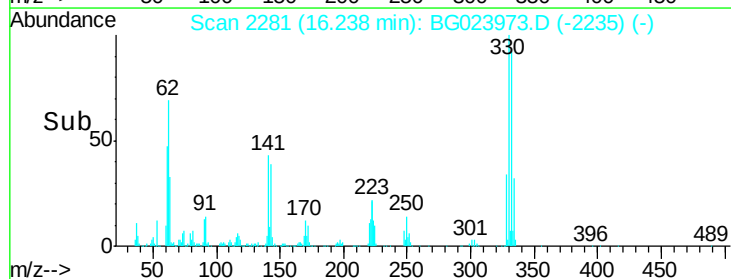
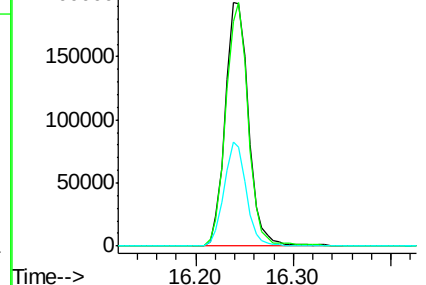
Tgt Ion:	330	Resp:	320889
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	40.9	31.7	47.5

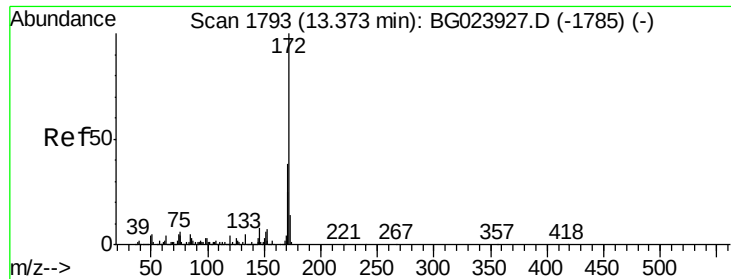


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

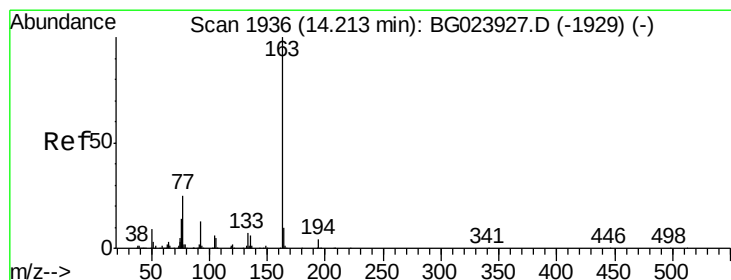
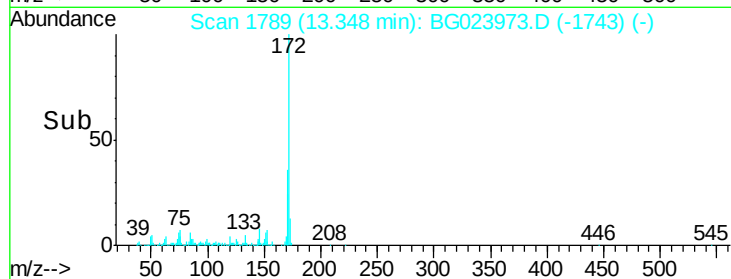
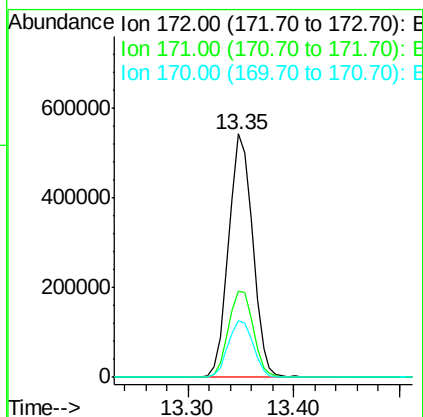
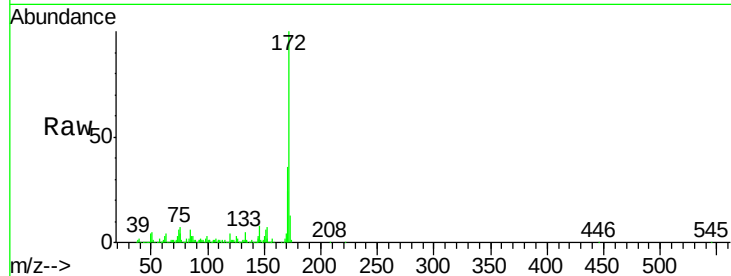




#44
2-Fluorobiphenyl
Concen: 63.70 ng
RT: 13.35 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

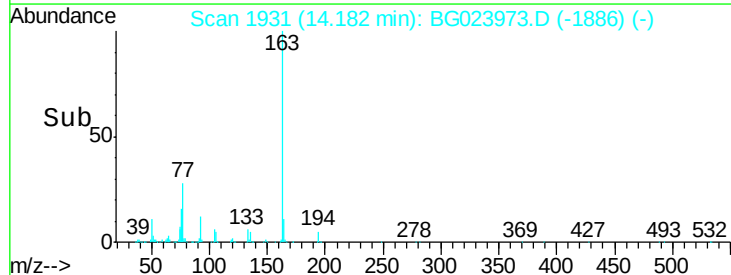
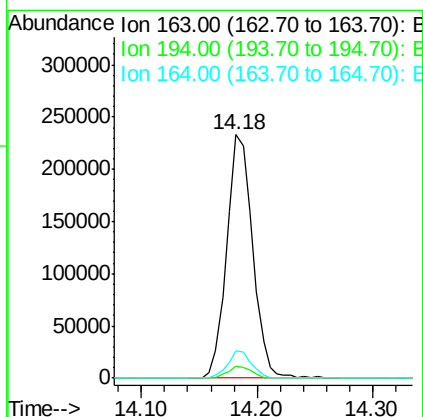
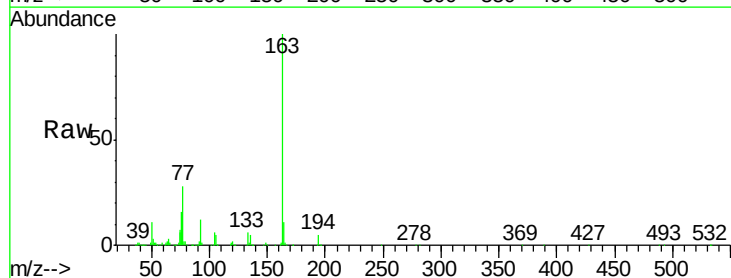
Instrument :
BNA_G
ClientSampleId :
TILCON-MH-SF-006

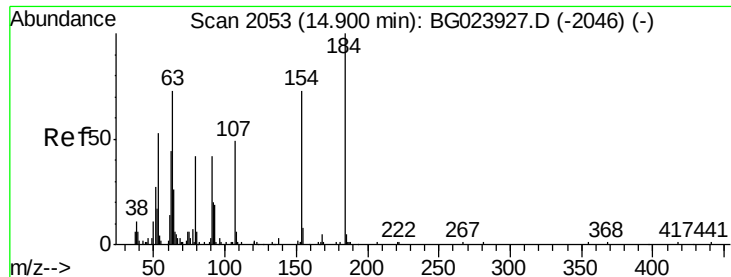
Tgt Ion:172 Resp: 852064
Ion Ratio Lower Upper
172 100
171 35.6 31.6 47.4
170 23.5 21.3 31.9



#49
Dimethylphthalate
Concen: 22.02 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.04 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Tgt Ion:163 Resp: 362172
Ion Ratio Lower Upper
163 100
194 5.1 3.6 5.4
164 11.1 8.1 12.1

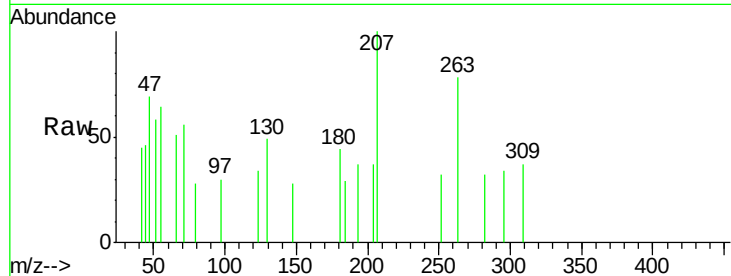




#53
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.64 min Scan# 2009
Delta R.T. -0.27 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-SF-006

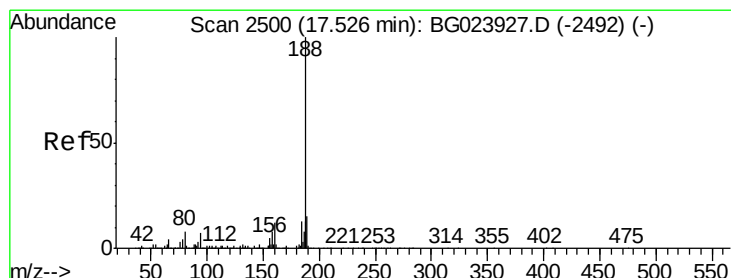
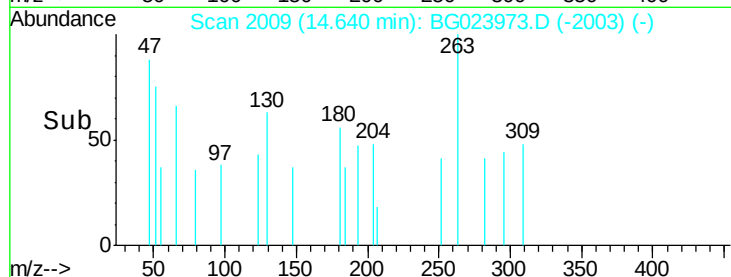
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#



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

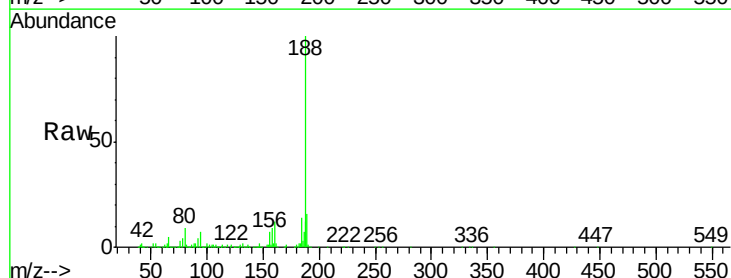
14.64

Time--> 14.62 14.64



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.03 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

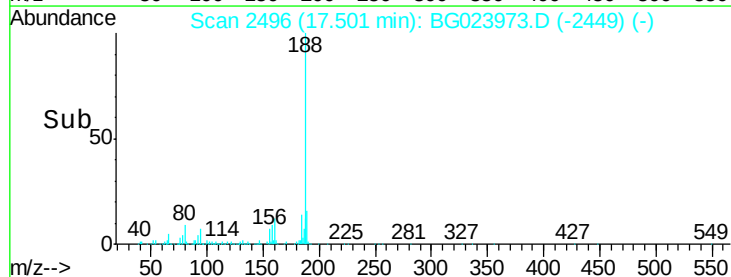
Tgt Ion:188 Resp: 497213
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 9.0 7.2 10.8

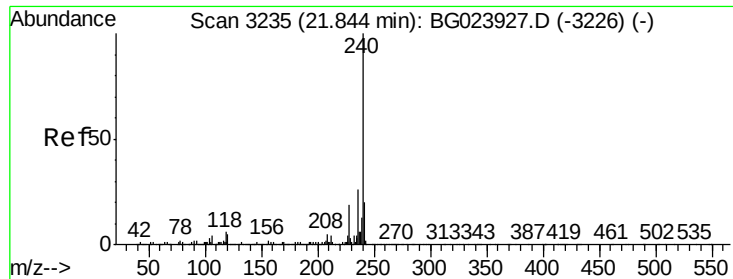


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

17.50

Time--> 17.40 17.50 17.60





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.03 min

Lab File: BG023973.D

Acq: 9 Sep 2016 11:56

Instrument :

BNA_G

ClientSampleId :

TILCON-MH-SF-006

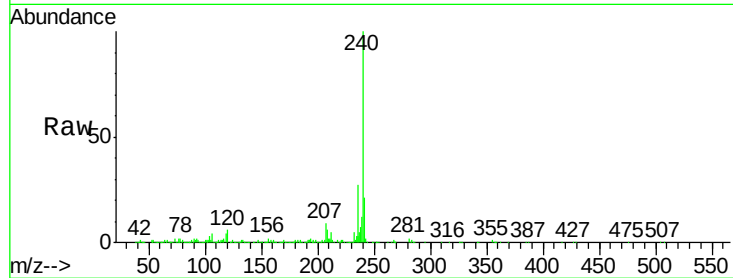
Tgt Ion:240 Resp: 444641

Ion Ratio Lower Upper

240 100

120 5.6 4.1 6.1

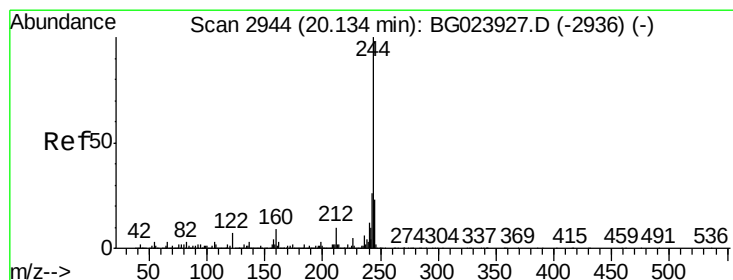
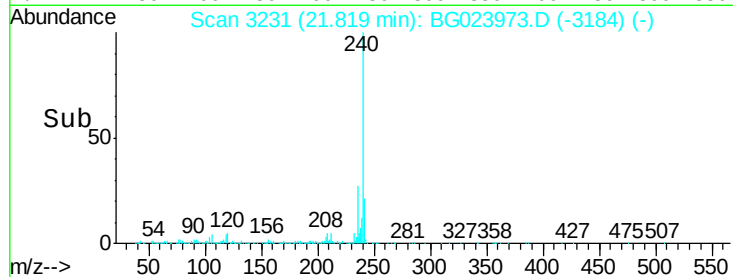
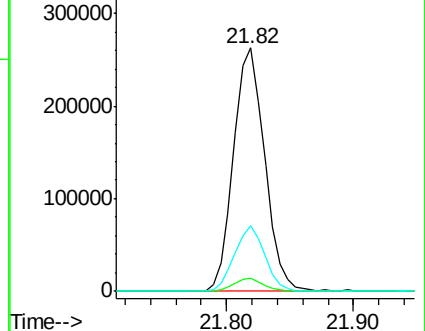
236 26.9 21.1 31.7



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: 79.33 ng

RT: 20.12 min Scan# 2941

Delta R.T. -0.02 min

Lab File: BG023973.D

Acq: 9 Sep 2016 11:56

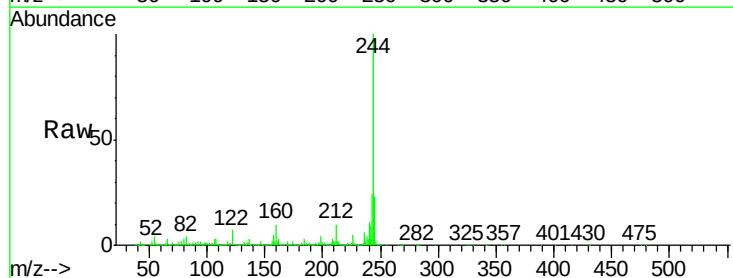
Tgt Ion:244 Resp: 1548834

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

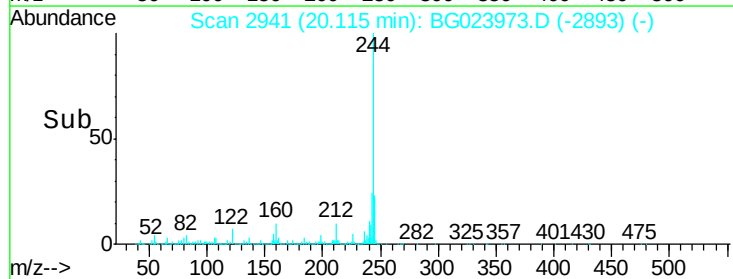
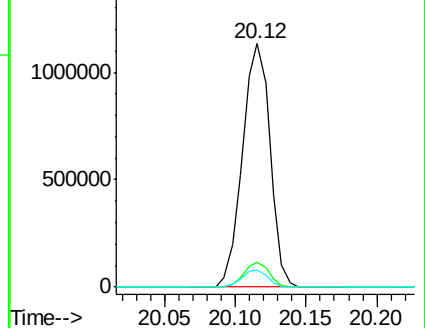
122 7.2 8.0 12.0#

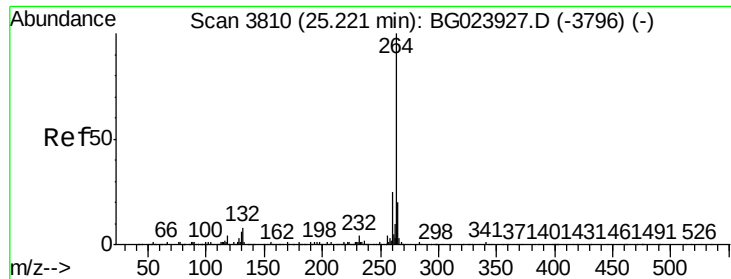


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

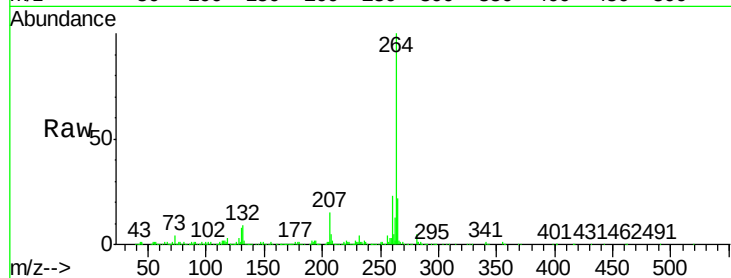




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.18 min Scan# 3803
Delta R.T. -0.03 min
Lab File: BG023973.D
Acq: 9 Sep 2016 11:56

Instrument :
BNA_G
ClientSampleId :
TILCON-MH-SF-006

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	22.4	18.9	28.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

