

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080316\
 Data File : BG023434.D
 Acq On : 3 Aug 2016 20:42
 Operator : UM/SJ
 Sample : H4287-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-60-7.0-8.0

Quant Time: Aug 04 02:33:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

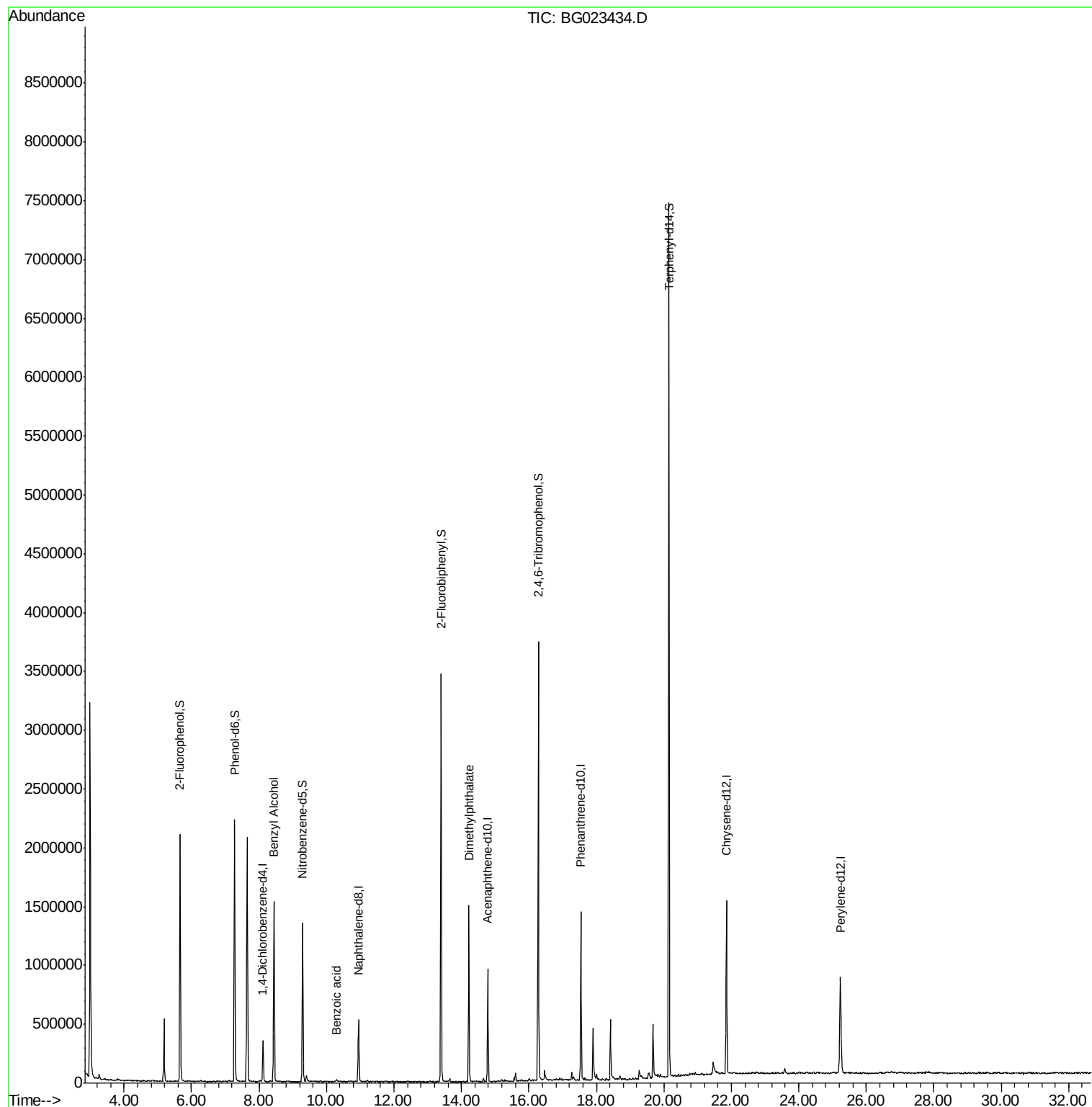
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	98607	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	424214	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	320765	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	868526	20.00	ng	0.00
75) Chrysene-d12	21.85	240	930256	20.00	ng	0.00
86) Perylene-d12	25.23	264	891840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	875799	149.50	ng	0.00
7) Phenol-d6	7.27	99	1312000	143.79	ng	0.00
23) Nitrobenzene-d5	9.29	82	868953	101.84	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	686544	146.33	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1765434	92.83	ng	0.00
78) Terphenyl-d14	20.15	244	2725131	93.61	ng	0.00
Target Compounds						
9) Benzaldehyde	7.23	77	199	Below Cal	#	8
15) Benzyl Alcohol	8.44	79	14628	2.12 ng	#	52
32) Benzoic acid	10.29	122	57	6.45 ng	#	1
49) Dimethylphthalate	14.22	163	939584	38.18 ng		100
73) Di-n-butylphthalate	18.49	149	6023	Below Cal	#	89
74) Fluoranthene	19.60	202	79	Below Cal	#	1
77) Pyrene	20.16	202	14610	Below Cal	#	88

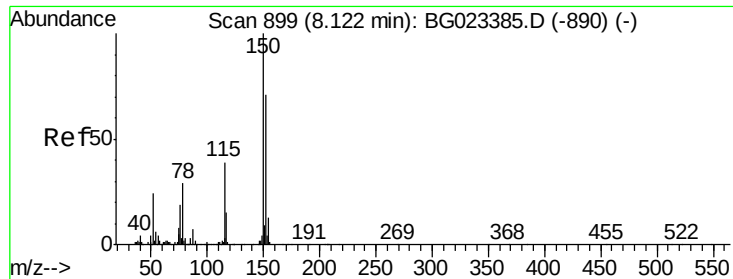
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-60-7.0-8.0

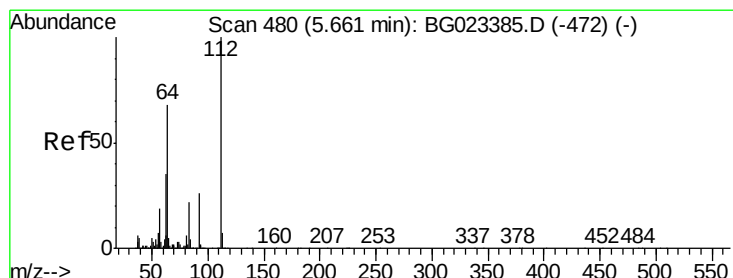
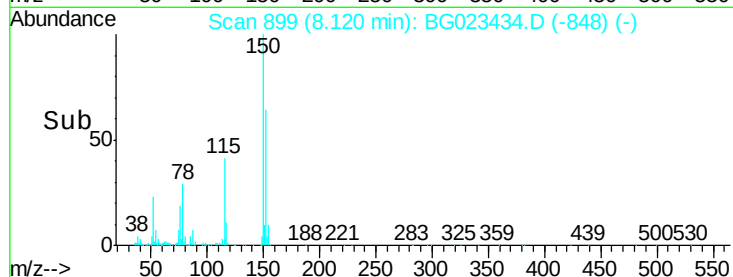
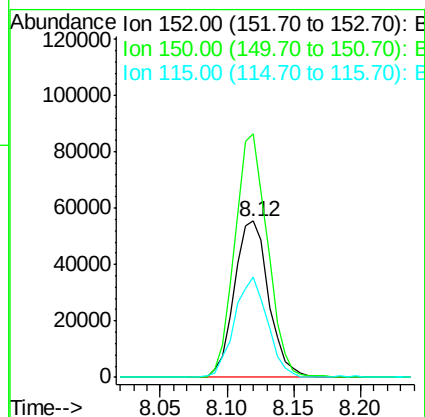
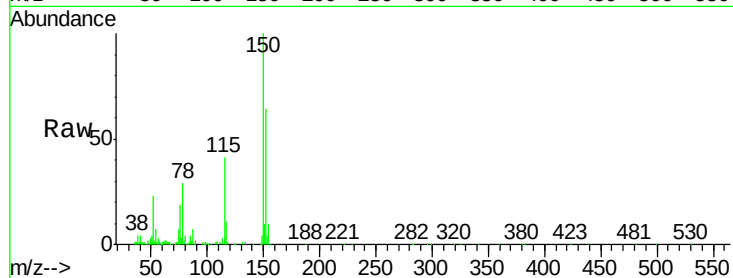
Tgt Ion:152 Resp: 98607

Ion Ratio Lower Upper

152 100

150 155.6 144.7 217.1

115 63.8 64.0 96.0#



#5

2-Fluorophenol

Concen: 149.50 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

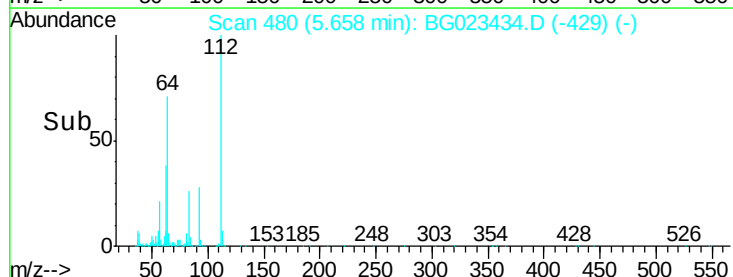
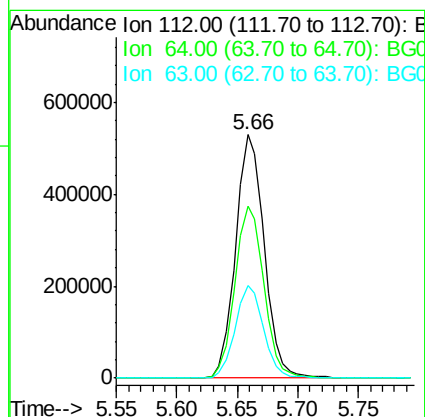
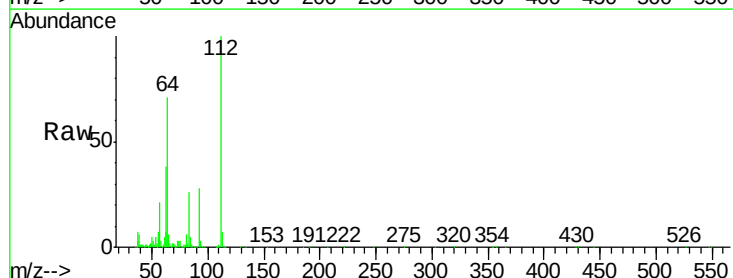
Tgt Ion:112 Resp: 875799

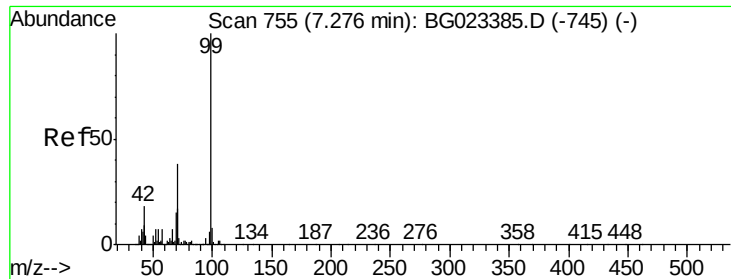
Ion Ratio Lower Upper

112 100

64 70.7 59.0 88.4

63 37.9 37.8 56.8





#7

Phenol-d6

Concen: 143.79 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-60-7.0-8.0

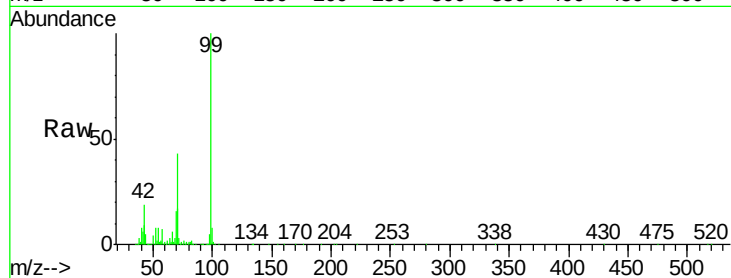
Tgt Ion: 99 Resp: 1312000

Ion Ratio Lower Upper

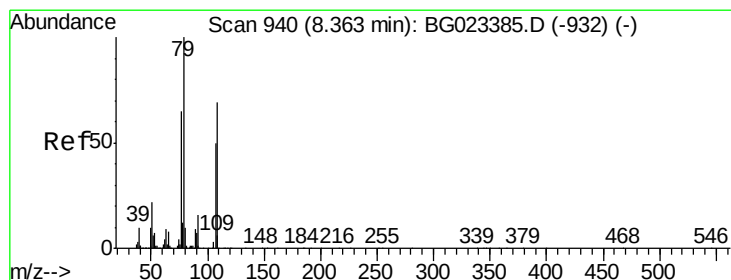
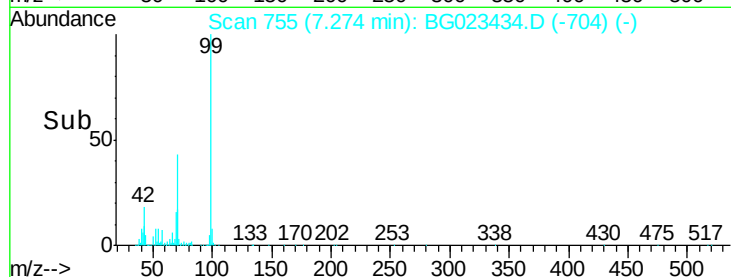
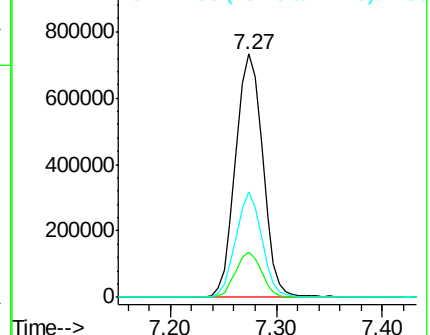
99 100

42 18.5 17.8 26.6

71 43.4 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



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 8.44 min Scan# 953

Delta R.T. 0.07 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

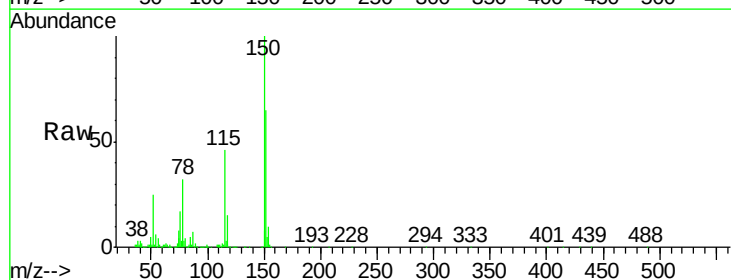
Tgt Ion: 79 Resp: 14628

Ion Ratio Lower Upper

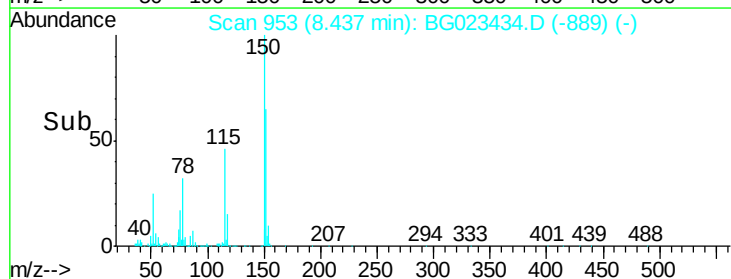
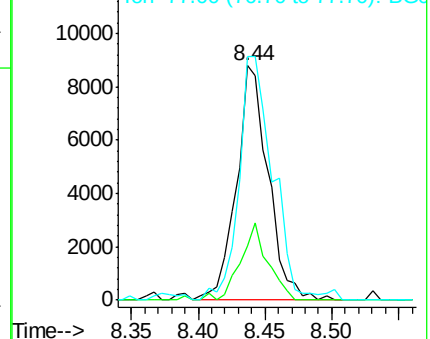
79 100

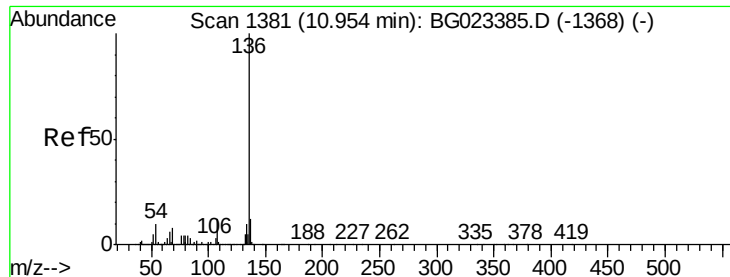
108 23.3 46.5 69.7#

77 103.9 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

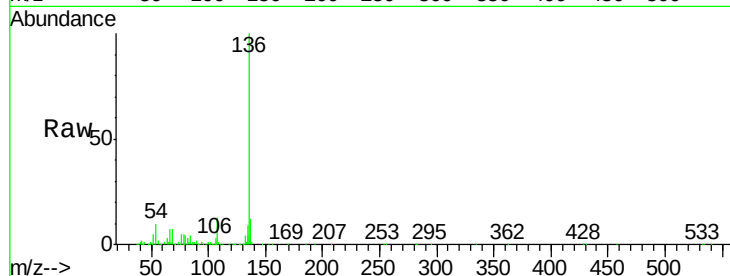




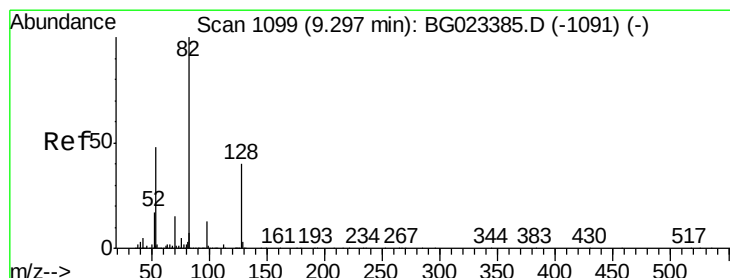
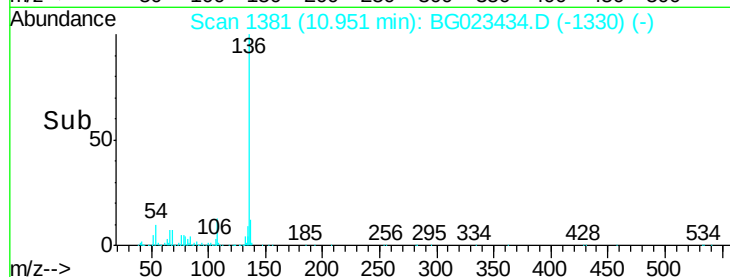
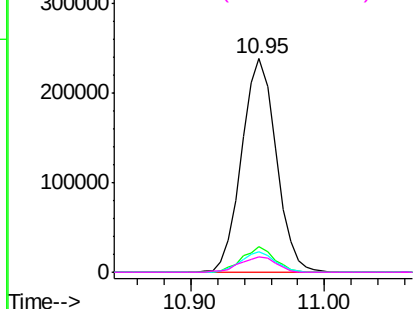
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023434.D
Acq: 3 Aug 2016 20:42

Instrument :
BNA_G
ClientSampleId :
SB-60-7.0-8.0

Tgt Ion:	136	Resp:	424214
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	9.6	7.3	10.9
68	7.5	5.3	7.9

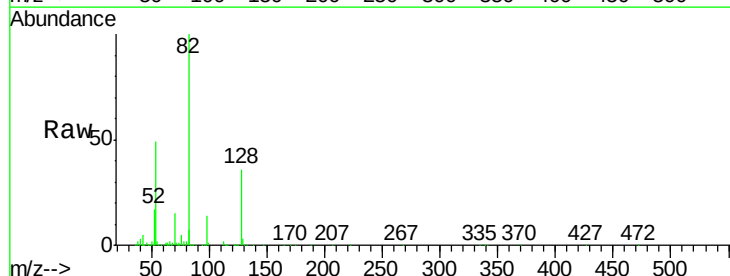


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

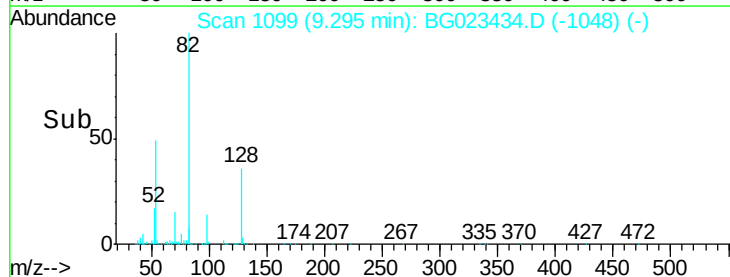
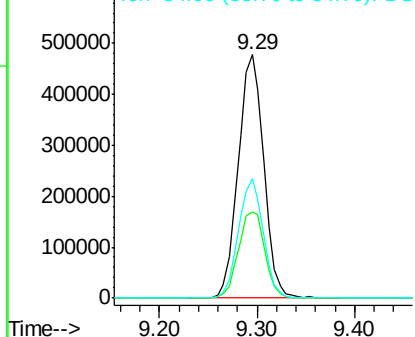


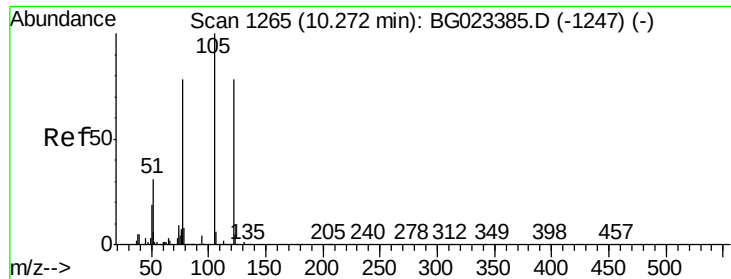
#23
Nitrobenzene-d5
Concen: 101.84 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023434.D
Acq: 3 Aug 2016 20:42

Tgt Ion:	82	Resp:	868953
Ion	Ratio	Lower	Upper
82	100		
128	35.6	24.4	36.6
54	49.3	41.4	62.0



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

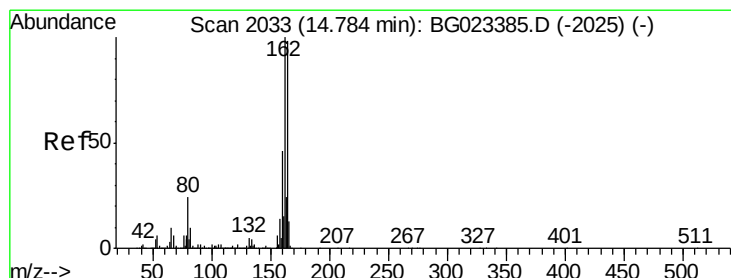
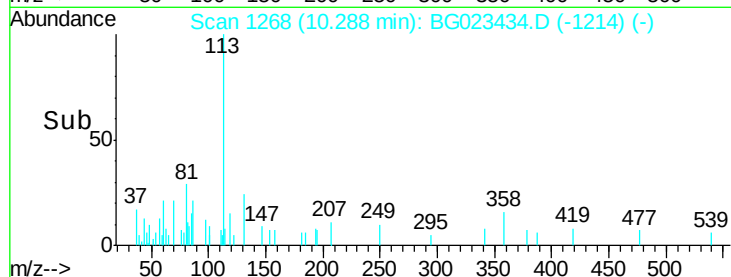
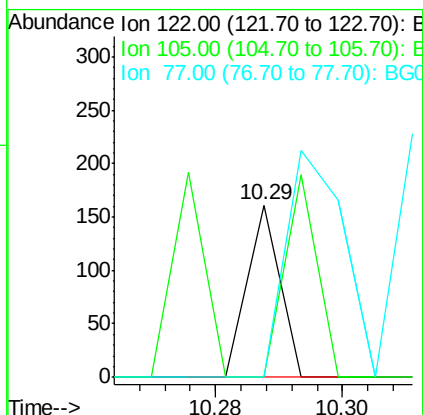
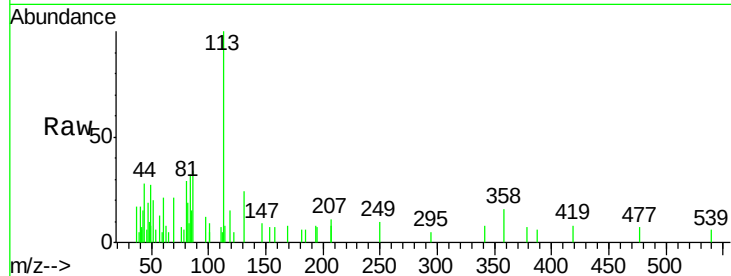




#32
Benzoic acid
Concen: 6.45 ng
RT: 10.29 min Scan# 1268
Delta R.T. 0.02 min
Lab File: BG023434.D
Acq: 3 Aug 2016 20:42

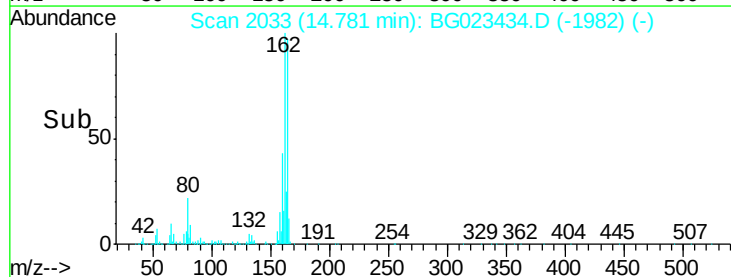
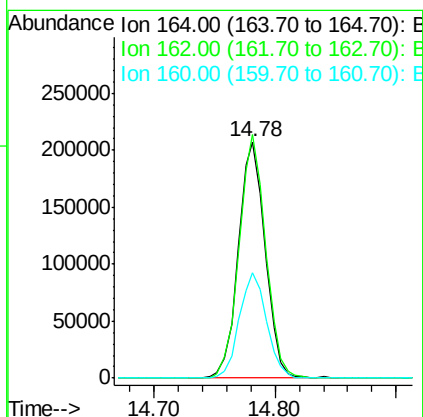
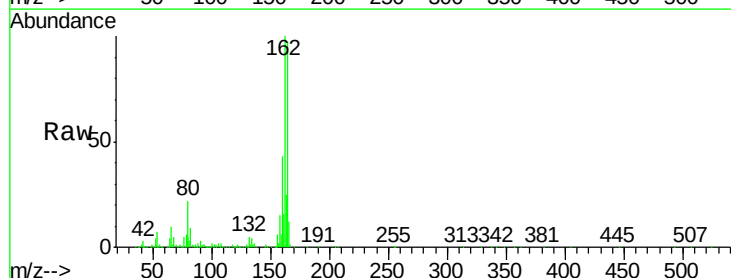
Instrument :
BNA_G
ClientSampleId :
SB-60-7.0-8.0

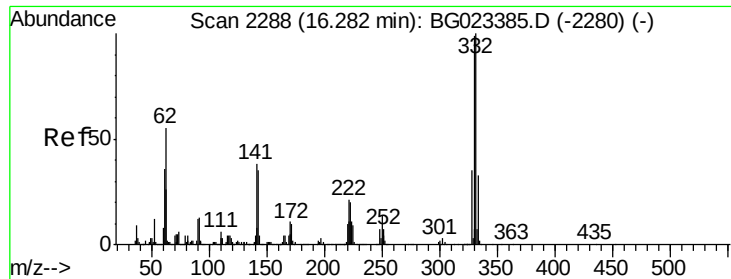
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023434.D
Acq: 3 Aug 2016 20:42

Tgt Ion:164 Resp: 320765
Ion Ratio Lower Upper
164 100
162 103.1 87.7 131.5
160 44.6 37.2 55.8

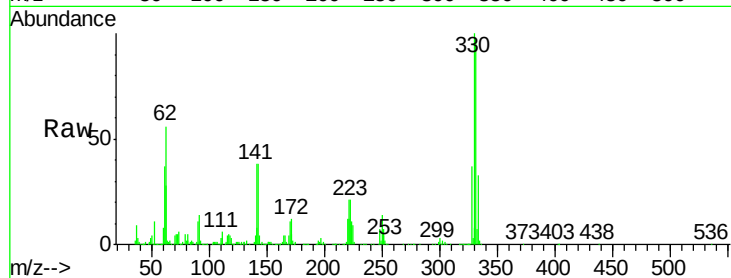




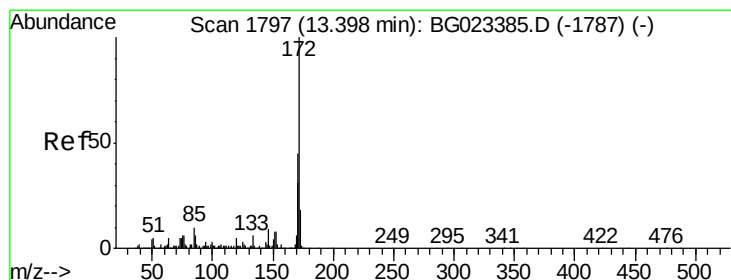
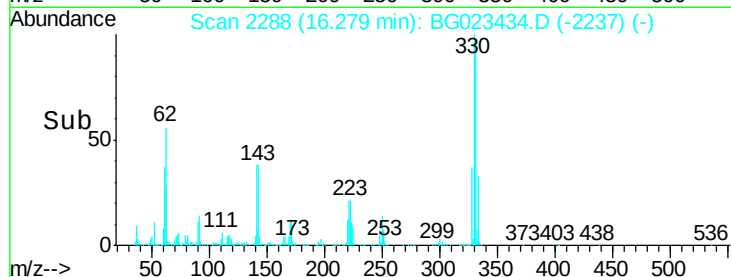
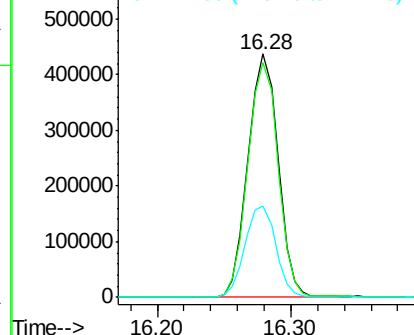
#41
 2,4,6-Tribromophenol
 Concen: 146.33 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG023434.D
 Acq: 3 Aug 2016 20:42

Instrument :
 BNA_G
 ClientSampleId :
 SB-60-7.0-8.0

Tgt Ion:330 Resp: 686544
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 38.5 31.7 47.5

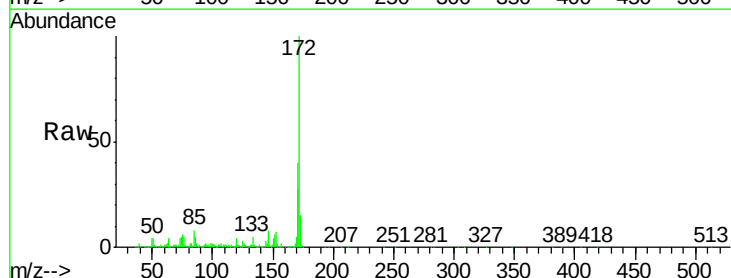


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

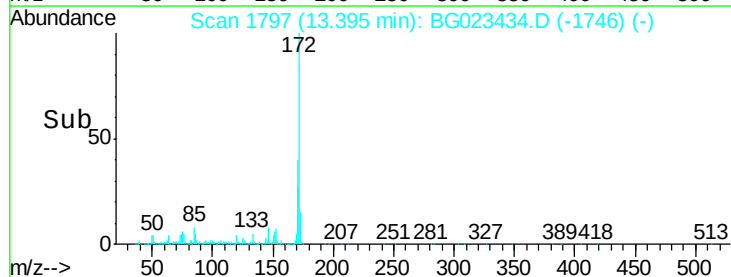
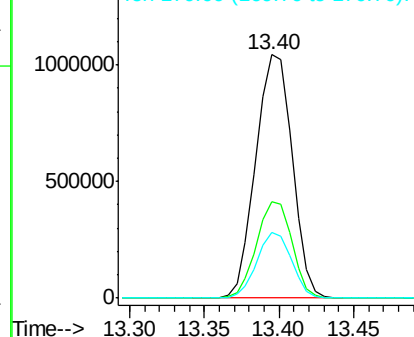


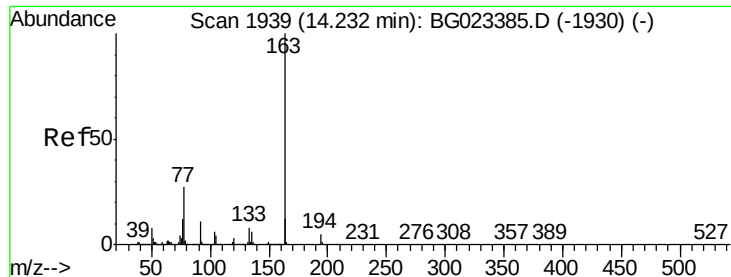
#44
 2-Fluorobiphenyl
 Concen: 92.83 ng
 RT: 13.40 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023434.D
 Acq: 3 Aug 2016 20:42

Tgt Ion:172 Resp: 1765434
 Ion Ratio Lower Upper
 172 100
 171 39.7 31.6 47.4
 170 26.8 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: 38.18 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

Instrument :

BNA_G

ClientSampleId :

SB-60-7.0-8.0

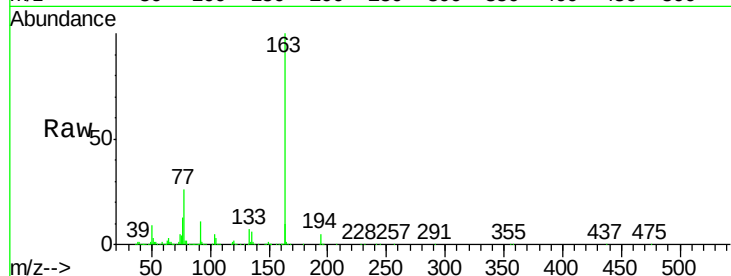
Tgt Ion:163 Resp: 939584

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

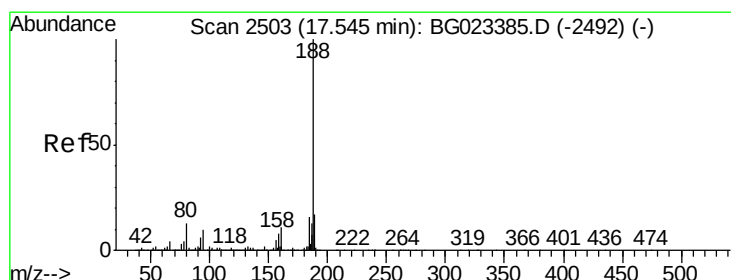
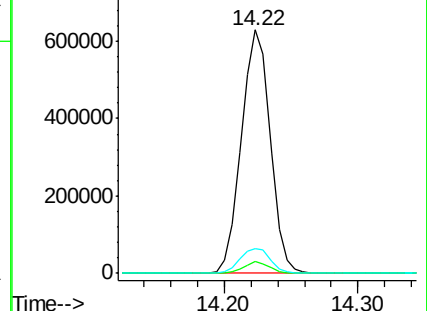
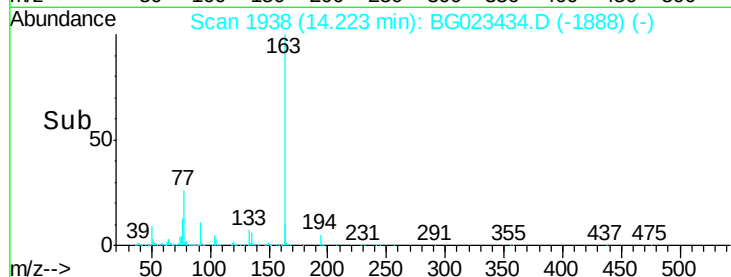
164 10.2 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

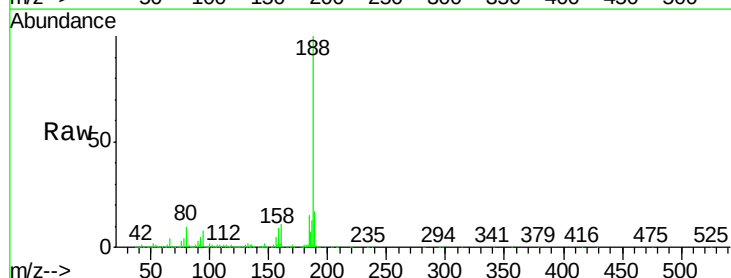
Tgt Ion:188 Resp: 868526

Ion Ratio Lower Upper

188 100

94 7.9 5.2 7.8#

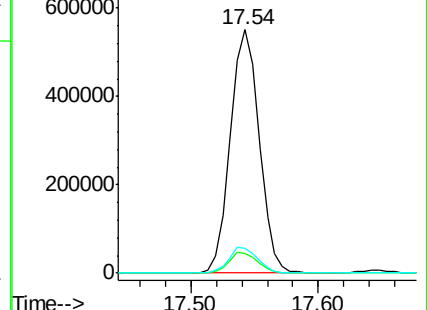
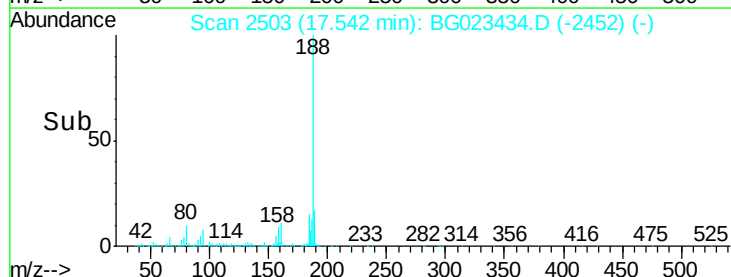
80 10.4 7.2 10.8

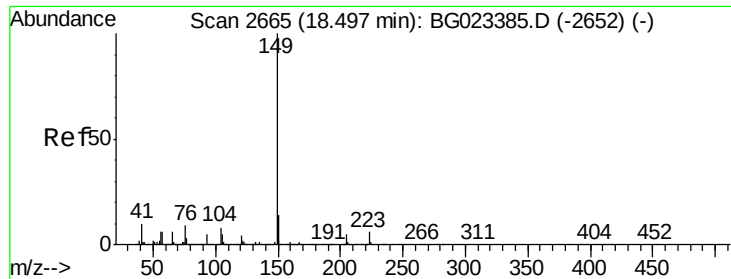


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.49 min Scan# 2664

Delta R.T. -0.01 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

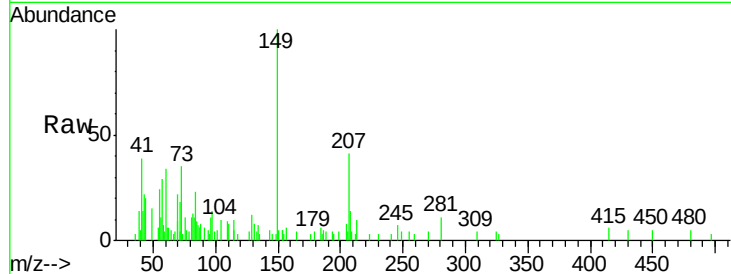
Instrument :

BNA_G

ClientSampleId :

SB-60-7.0-8.0

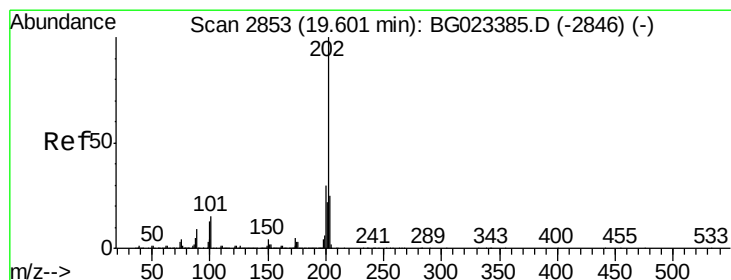
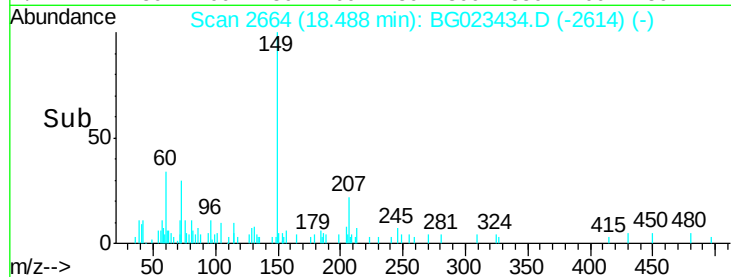
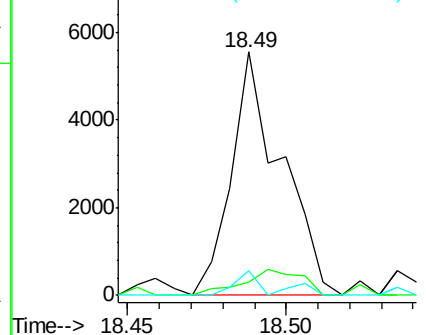
Tgt Ion:	149	Resp:	6023
Ion Ratio		Lower	Upper
149	100		
150	5.3	9.1	13.7#
104	10.0	6.9	10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

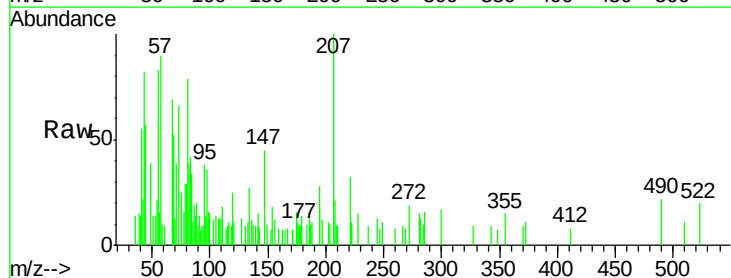
RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023434.D

Acq: 3 Aug 2016 20:42

Tgt Ion:	202	Resp:	79
Ion Ratio		Lower	Upper
202	100		
101	0.0	0.0	27.4
203	90.6	1.7	41.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

