

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
 Data File : BG023041.D
 Acq On : 12 Jul 2016 18:04
 Operator : UM/SJ
 Sample : H3937-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-2A-7-9

Quant Time: Jul 13 01:06:37 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

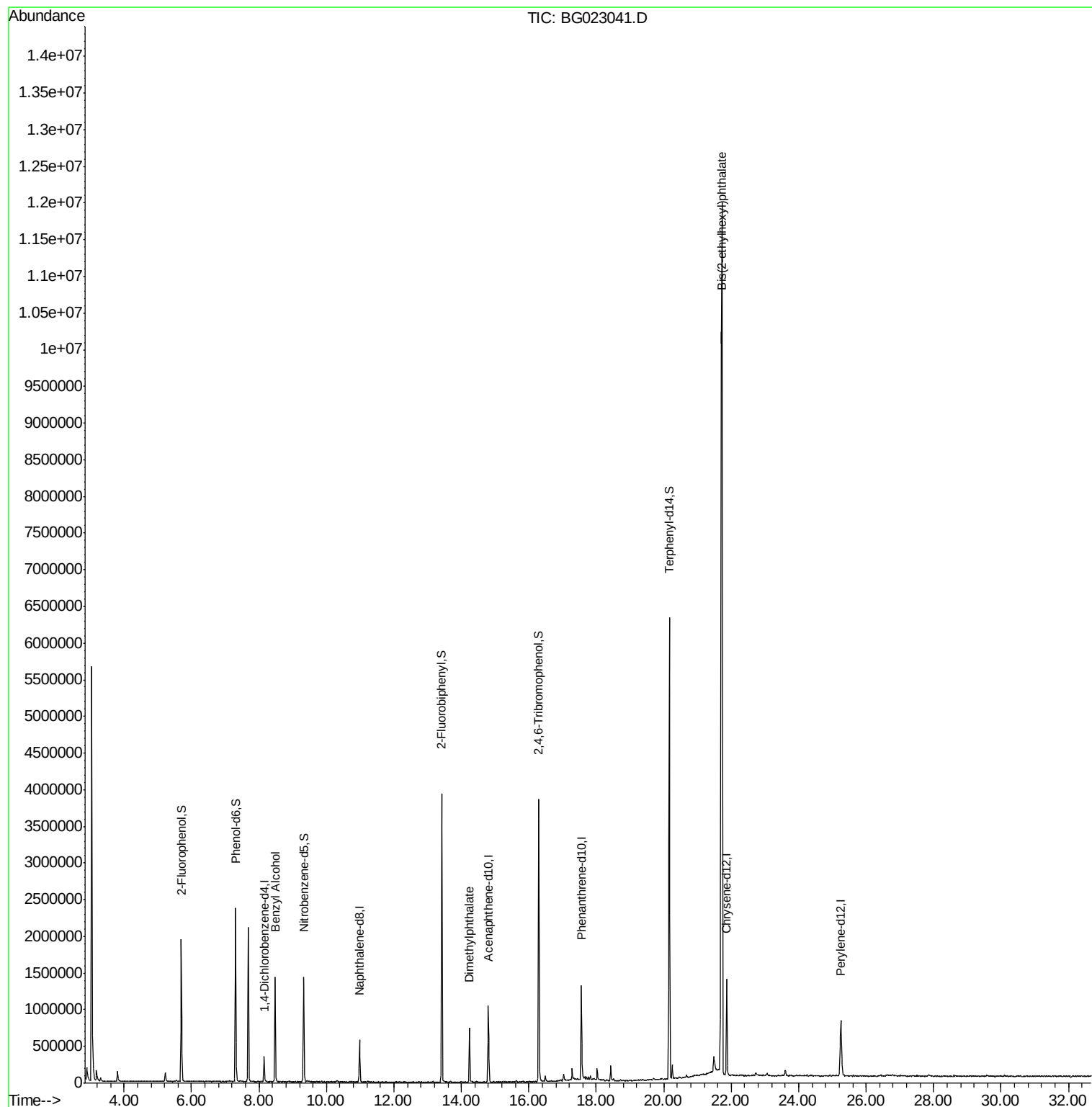
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	87207	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	443848	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	356377	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	790348	20.00	ng	0.00
75) Chrysene-d12	21.86	240	884165	20.00	ng	0.02
86) Perylene-d12	25.25	264	889344	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	787824	147.75	ng	0.00
7) Phenol-d6	7.31	99	1291114	154.60	ng	0.00
23) Nitrobenzene-d5	9.32	82	938739	90.56	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	705044	110.08	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1898019	83.89	ng	0.00
78) Terphenyl-d14	20.16	244	2470989	91.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	16771	2.19	ng	# 58
49) Dimethylphthalate	14.24	163	453571	15.58	ng	99
83) Bis(2-ethylhexyl)phthalate	21.73	149	7862089	287.70	ng	# 48

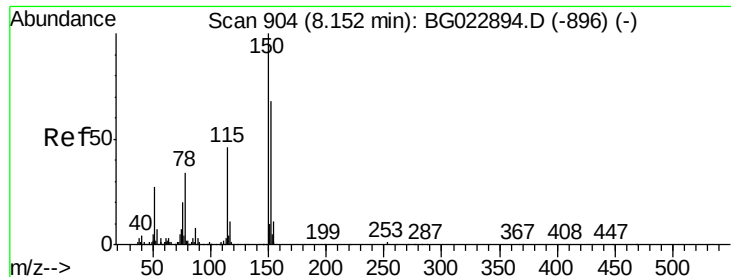
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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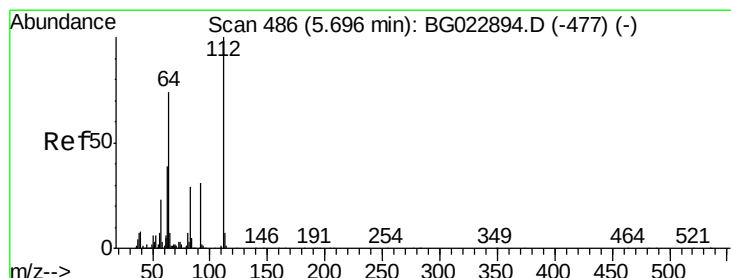
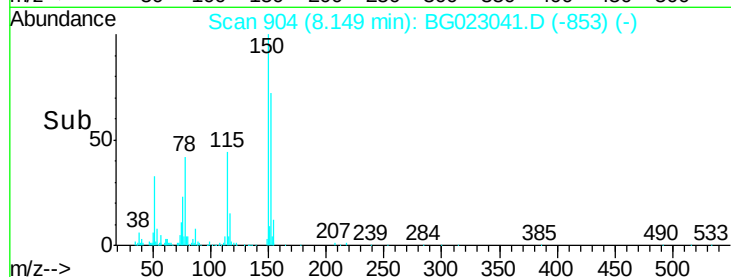
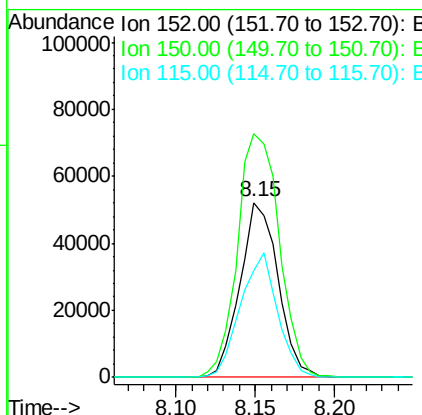
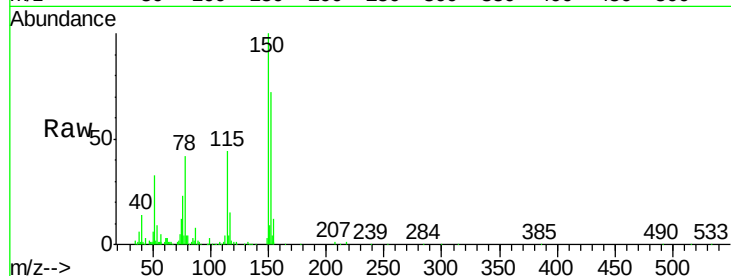


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023041.D
Acq: 12 Jul 2016 18:04

Instrument :
BNA_G
ClientSampleId :
LOCATION-2A-7-9

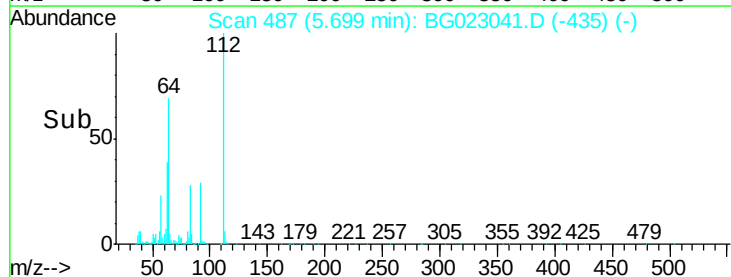
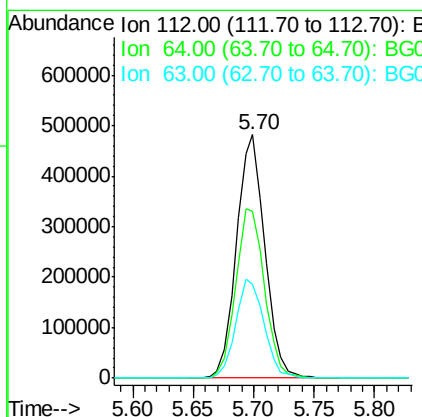
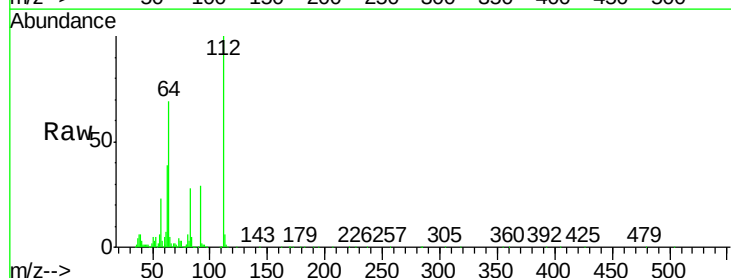
Tgt Ion:152 Resp: 87207
Ion Ratio Lower Upper
152 100
150 139.5 144.7 217.1#
115 61.3 64.0 96.0#

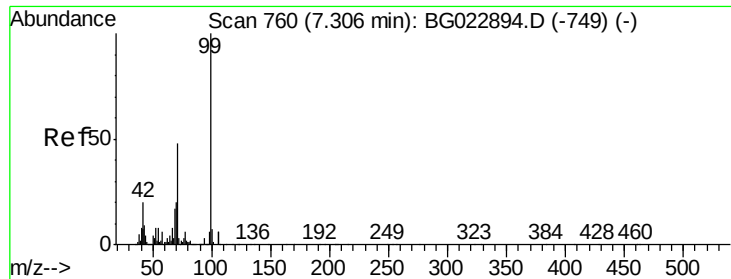


#5

2-Fluorophenol
Concen: 147.75 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023041.D
Acq: 12 Jul 2016 18:04

Tgt Ion:112 Resp: 787824
Ion Ratio Lower Upper
112 100
64 68.7 59.0 88.4
63 38.7 37.8 56.8





#7

Phenol-d6

Concen: 154.60 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

Instrument :

BNA_G

ClientSampleId :

LOCATION-2A-7-9

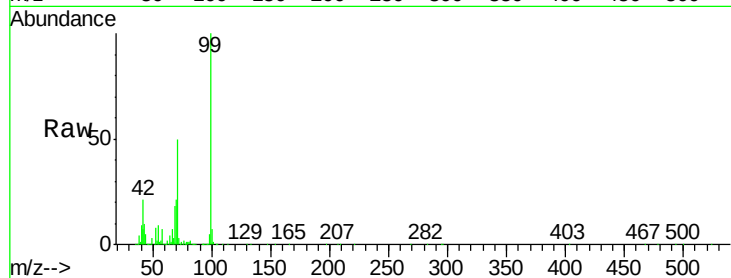
Tgt Ion: 99 Resp: 1291114

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

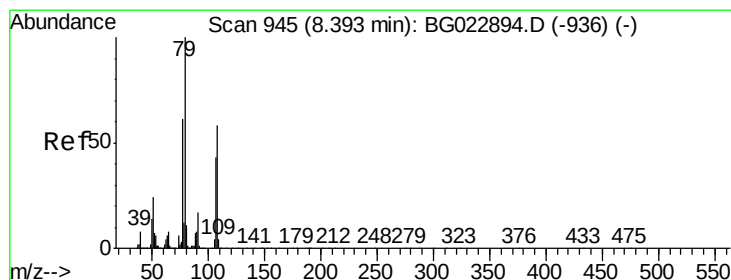
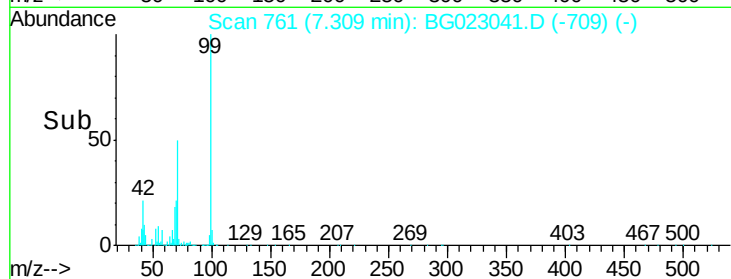
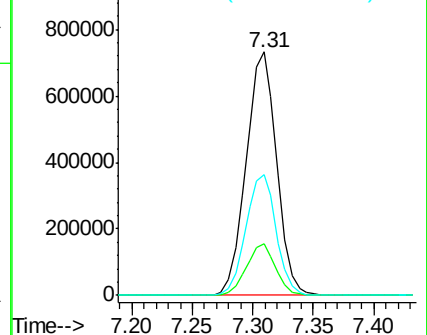
71 49.8 41.5 62.3



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: 2.19 ng

RT: 8.48 min Scan# 961

Delta R.T. 0.09 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

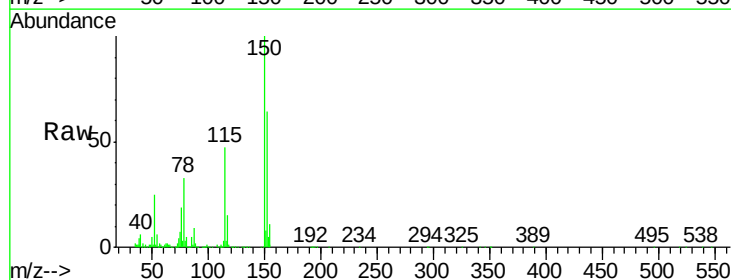
Tgt Ion: 79 Resp: 16771

Ion Ratio Lower Upper

79 100

108 22.8 46.5 69.7#

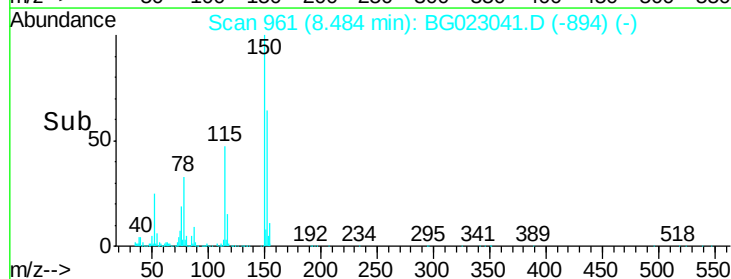
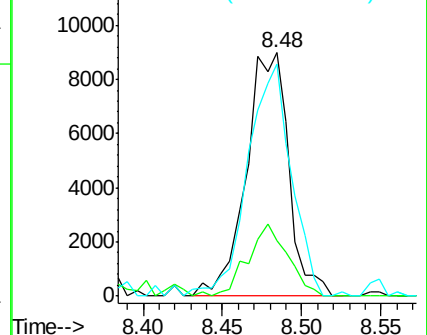
77 95.1 52.3 78.5#

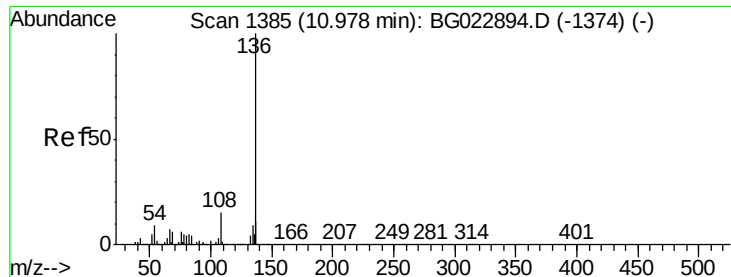


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

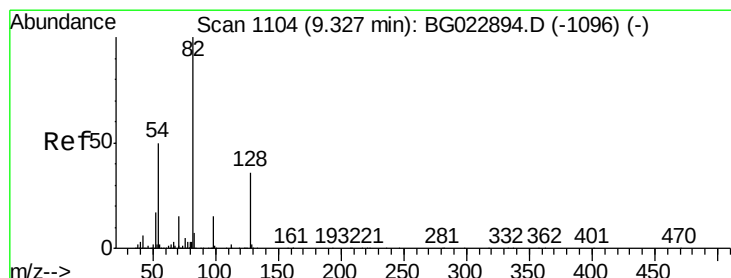
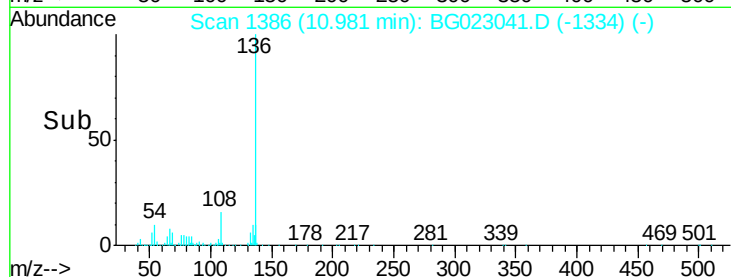
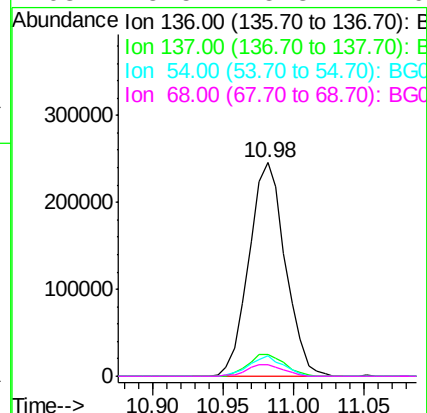
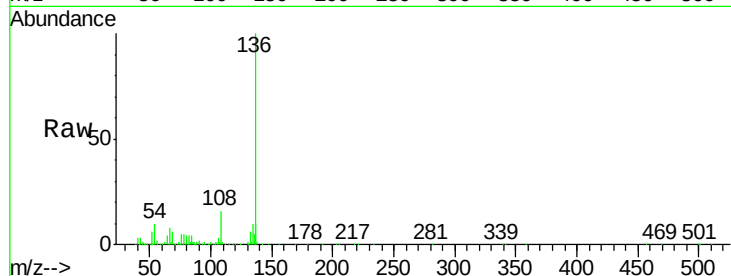




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023041.D
Acq: 12 Jul 2016 18:04

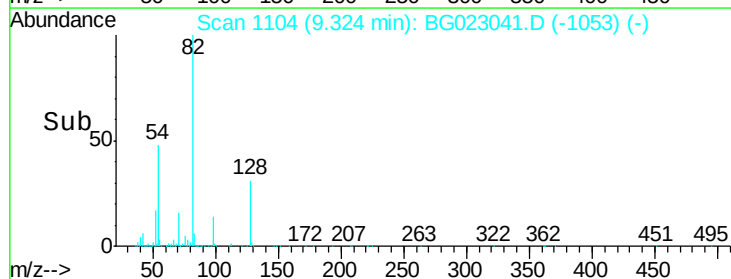
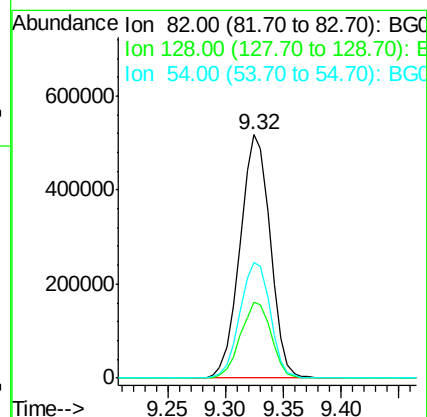
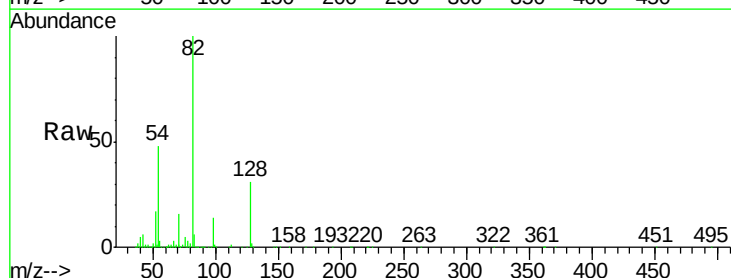
Instrument :
BNA_G
ClientSampleId :
LOCATION-2A-7-9

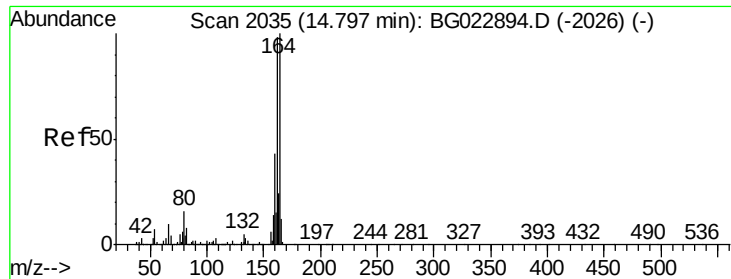
Tgt Ion:	136	Resp:	443848
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	9.7	7.3	10.9
68	5.5	5.3	7.9



#23
Nitrobenzene-d5
Concen: 90.56 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG023041.D
Acq: 12 Jul 2016 18:04

Tgt Ion:	82	Resp:	938739
Ion	Ratio	Lower	Upper
82	100		
128	30.9	24.4	36.6
54	47.5	41.4	62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

Instrument :

BNA_G

ClientSampleId :

LOCATION-2A-7-9

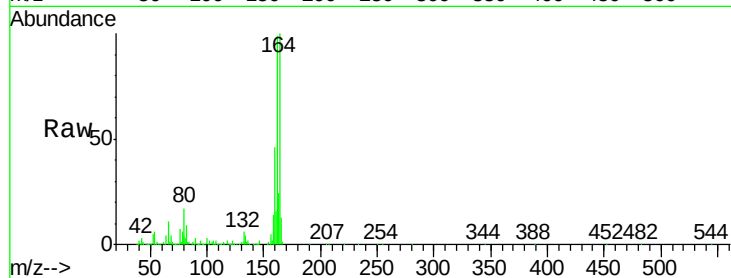
Tgt Ion:164 Resp: 356377

Ion Ratio Lower Upper

164 100

162 99.4 87.7 131.5

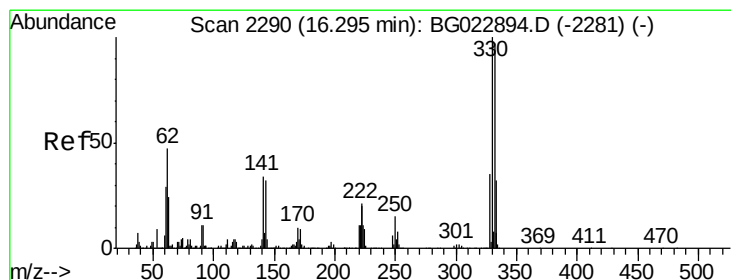
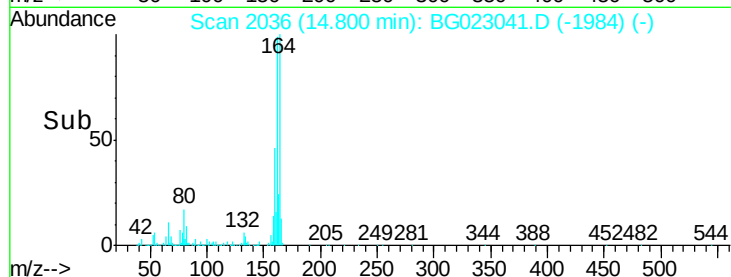
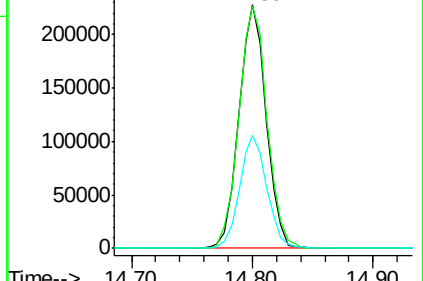
160 46.4 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 110.08 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

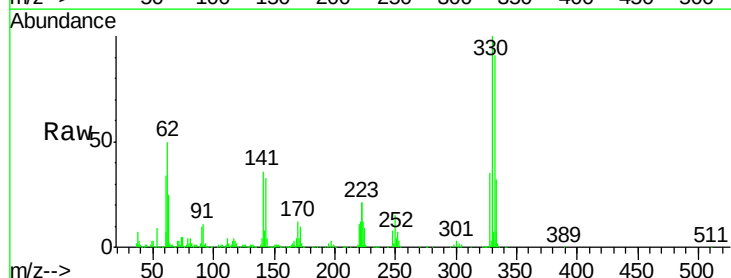
Tgt Ion:330 Resp: 705044

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

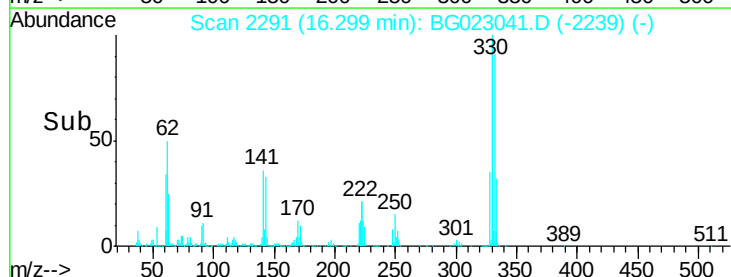
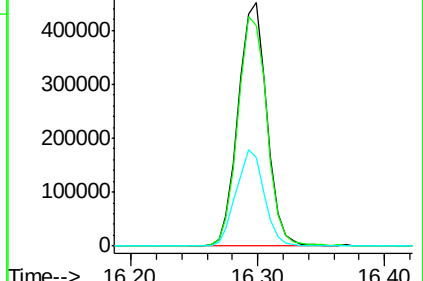
141 39.1 31.7 47.5

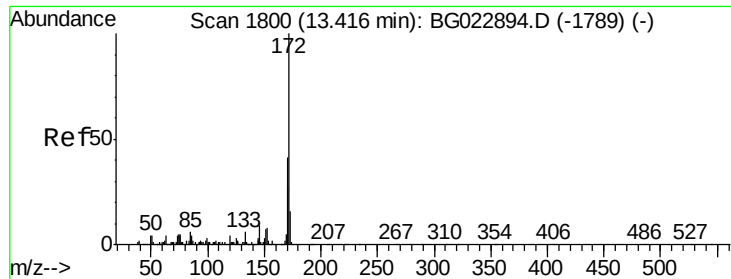


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

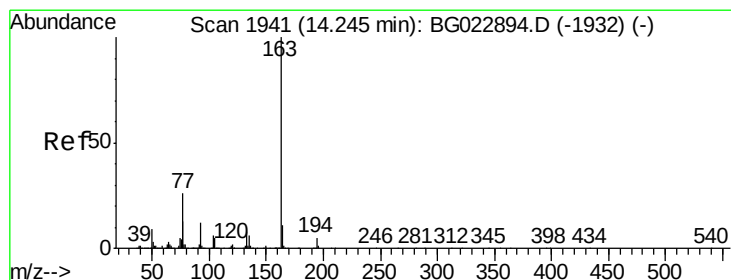
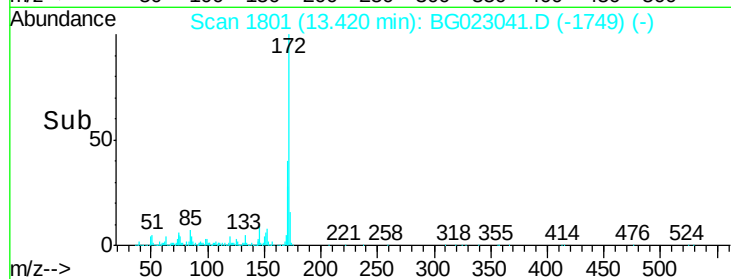
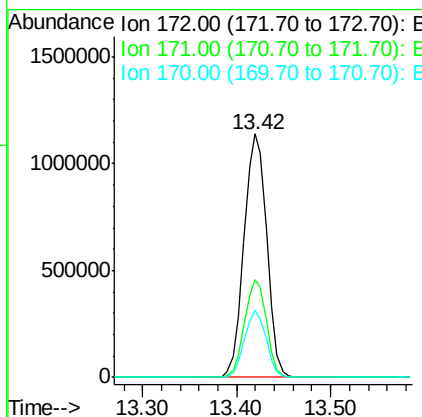
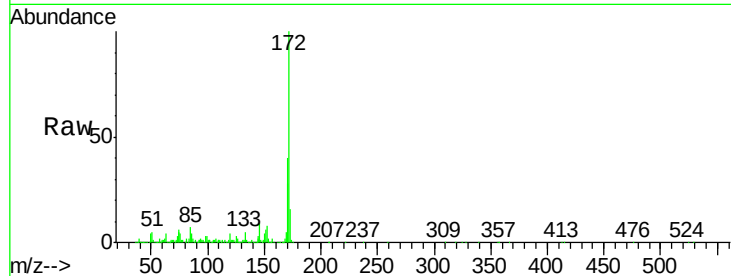




#44
 2-Fluorobiphenyl
 Concen: 83.89 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023041.D
 Acq: 12 Jul 2016 18:04

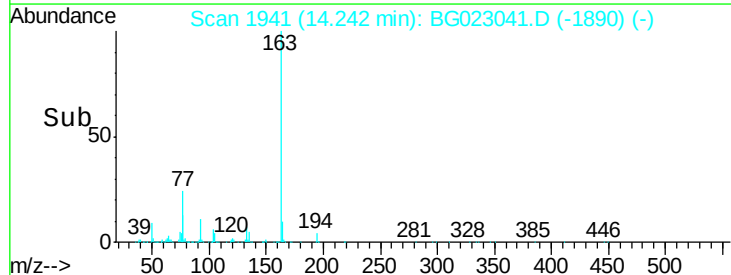
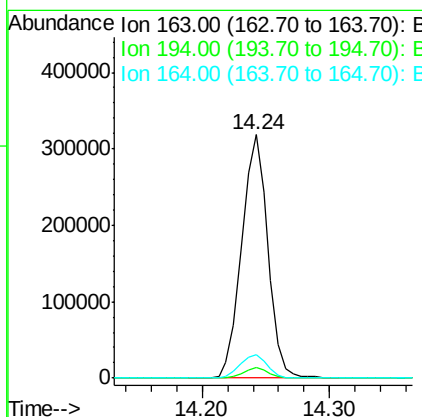
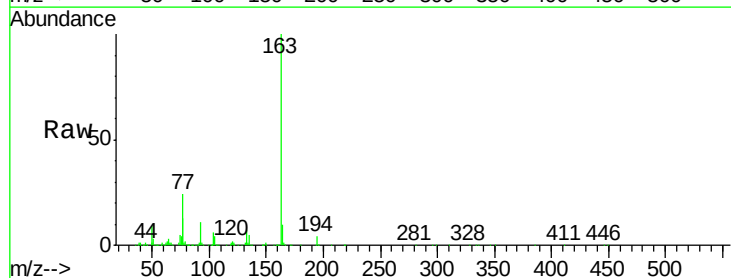
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-2A-7-9

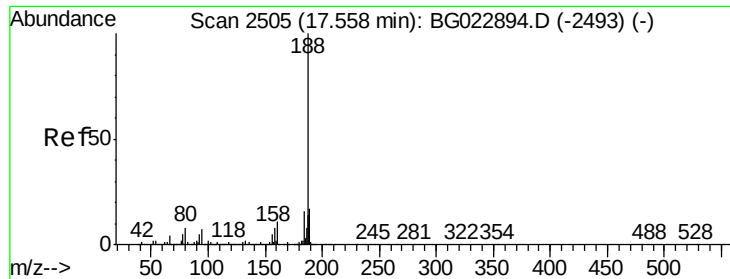
Tgt Ion:172 Resp: 1898019
 Ion Ratio Lower Upper
 172 100
 171 39.9 31.6 47.4
 170 27.7 21.3 31.9



#49
 Dimethylphthalate
 Concen: 15.58 ng
 RT: 14.24 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: BG023041.D
 Acq: 12 Jul 2016 18:04

Tgt Ion:163 Resp: 453571
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.6 5.4
 164 9.6 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

Instrument :

BNA_G

ClientSampleId :

LOCATION-2A-7-9

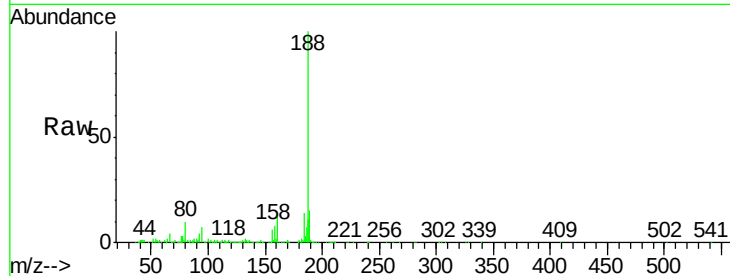
Tgt Ion:188 Resp: 790348

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

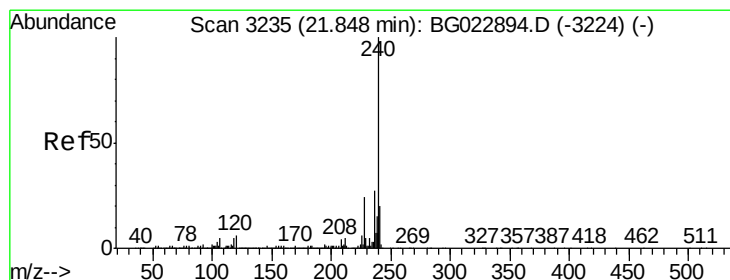
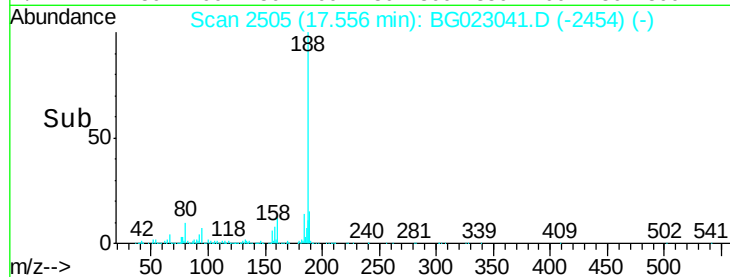
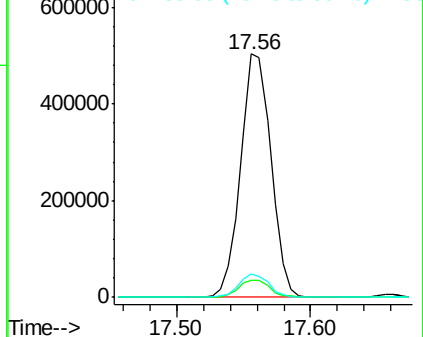
80 9.7 7.2 10.8



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: 21.86 min Scan# 3238

Delta R.T. 0.02 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

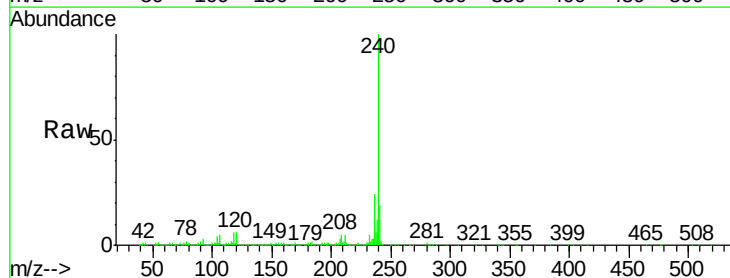
Tgt Ion:240 Resp: 884165

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

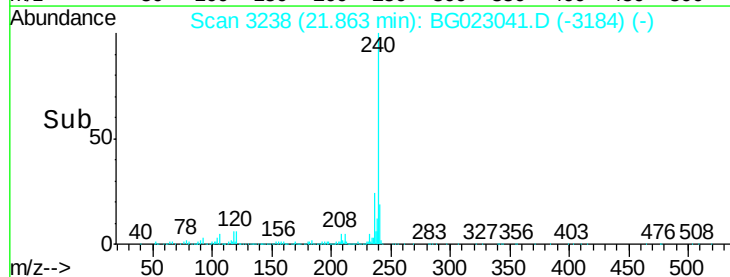
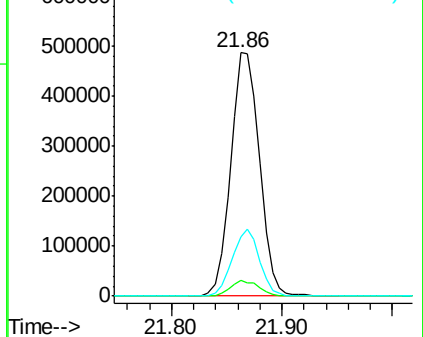
236 24.4 21.1 31.7

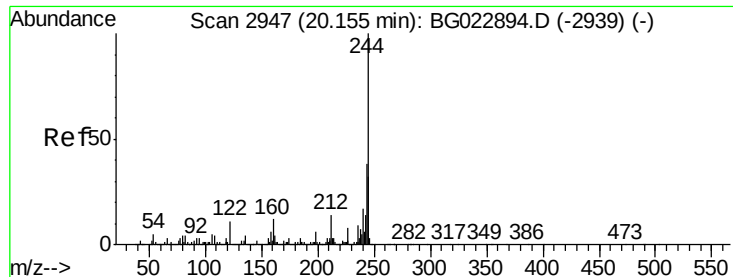


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.08 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

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LOCATION-2A-7-9

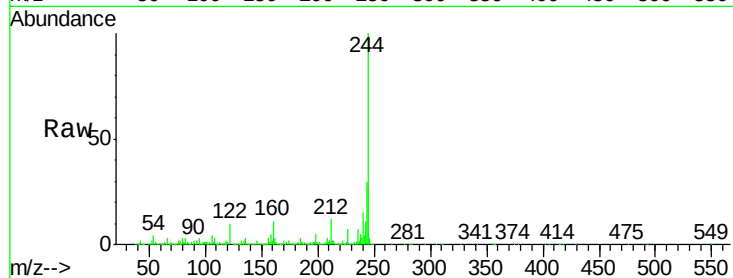
Tgt Ion:244 Resp: 2470989

Ion Ratio Lower Upper

244 100

212 12.2 10.8 16.2

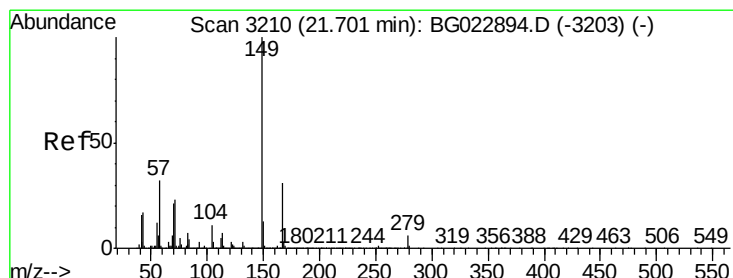
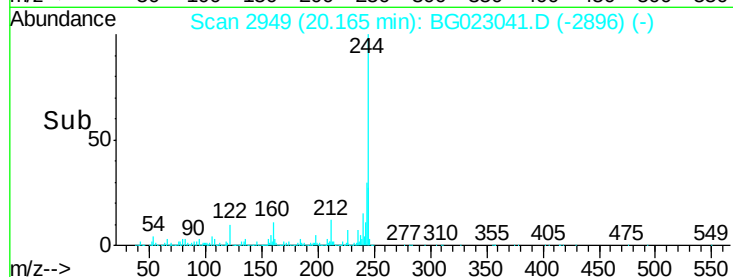
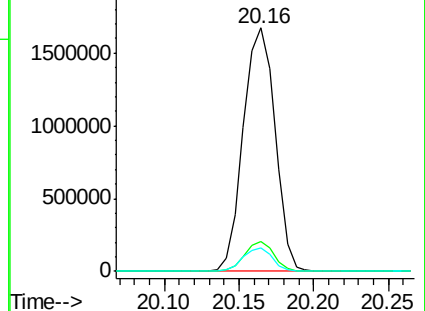
122 9.6 8.0 12.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 287.70 ng

RT: 21.73 min Scan# 3215

Delta R.T. 0.03 min

Lab File: BG023041.D

Acq: 12 Jul 2016 18:04

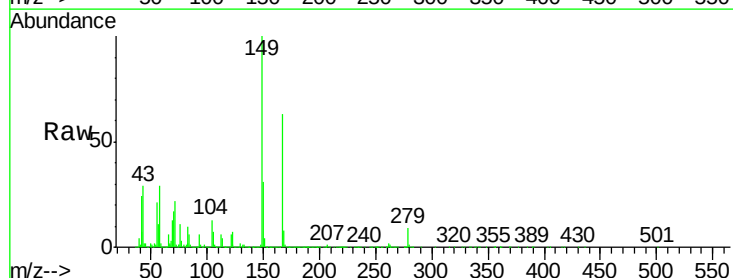
Tgt Ion:149 Resp: 7862089

Ion Ratio Lower Upper

149 100

167 62.9 24.0 36.0#

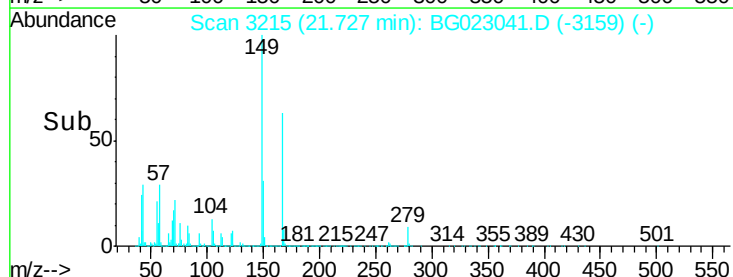
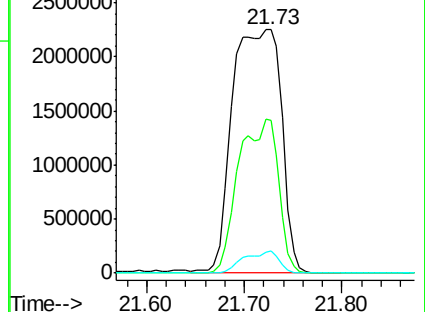
279 9.1 4.8 7.2#

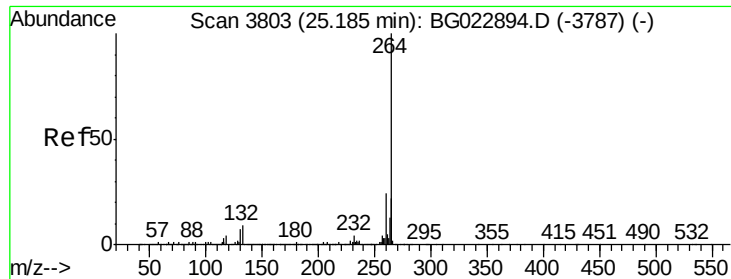


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. 0.07 min

Lab File: BG023041.D

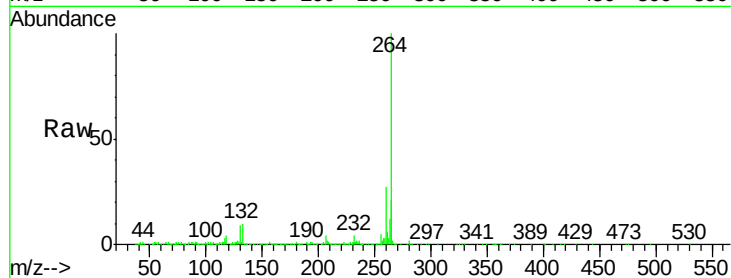
Acq: 12 Jul 2016 18:04

Instrument :

BNA_G

ClientSampleId :

LOCATION-2A-7-9



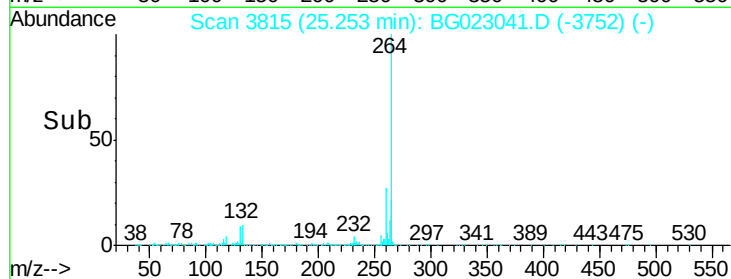
Tgt Ion: 264 Resp: 889344

Ion Ratio Lower Upper

264 100

260 26.9 18.4 27.6

265 20.7 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

