

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042016\
 Data File : BG021770.D
 Acq On : 20 Apr 2016 00:56
 Operator : UM/SJ
 Sample : H2569-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LCF-EW1

Quant Time: Apr 20 03:28:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

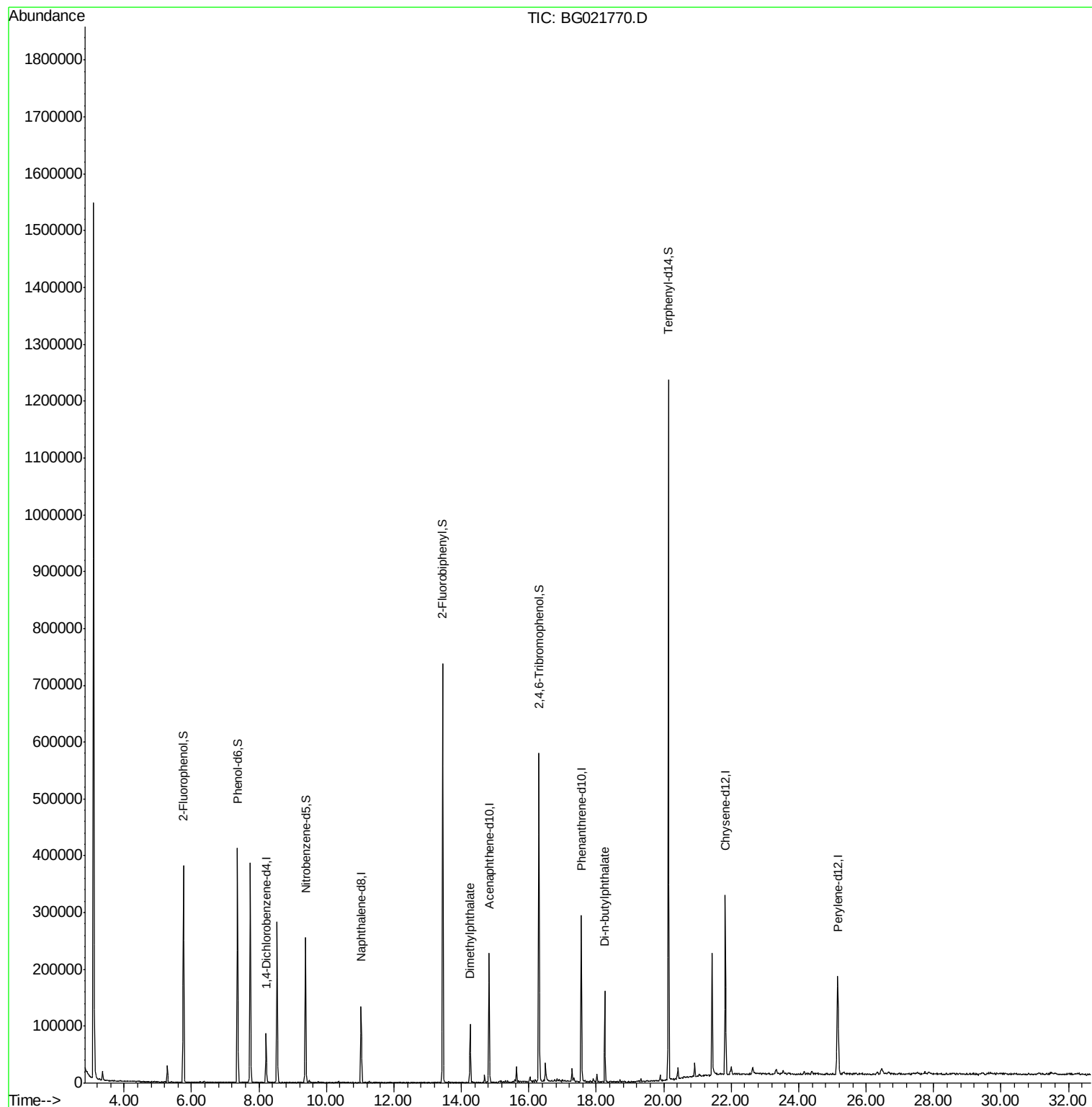
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	24451	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	115927	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	79980	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	180410	20.00	ng	0.00
75) Chrysene-d12	21.83	240	194209	20.00	ng	0.00
86) Perylene-d12	25.16	264	190839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	169123	115.18	ng	0.00
7) Phenol-d6	7.36	99	256048	116.74	ng	0.00
23) Nitrobenzene-d5	9.38	82	157519	69.84	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	107508	124.72	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	383975	70.34	ng	0.00
78) Terphenyl-d14	20.14	244	519838	66.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	70651	10.22	ng	Qvalue 99
73) Di-n-butylphthalate	18.25	149	50973	4.25	ng	# 35

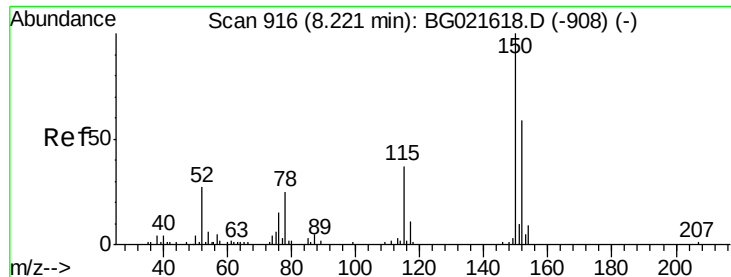
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 13 15:48:13 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021770.D

Acq: 20 Apr 2016 00:56

Instrument :

BNA_G

ClientSampleId :

LCF-EW1

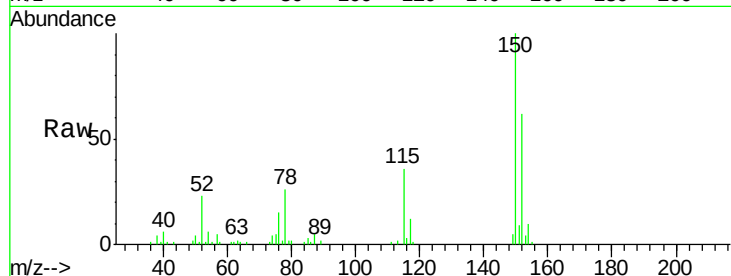
Tgt Ion:152 Resp: 24451

Ion Ratio Lower Upper

152 100

150 160.7 130.1 195.1

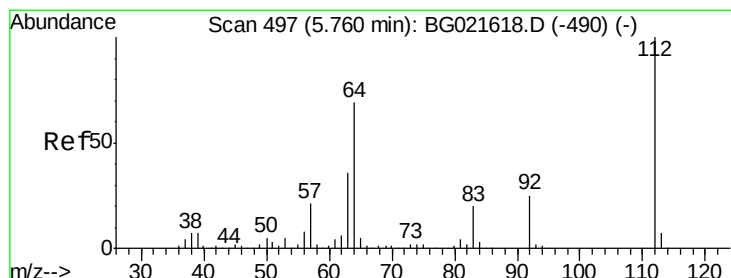
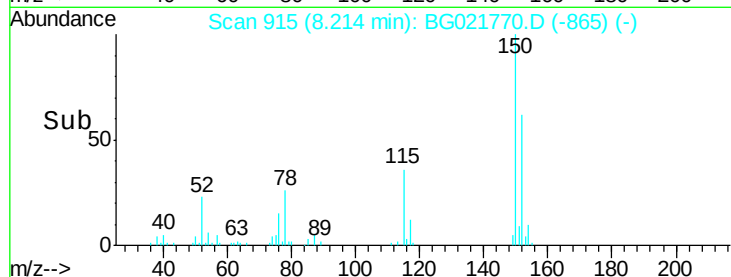
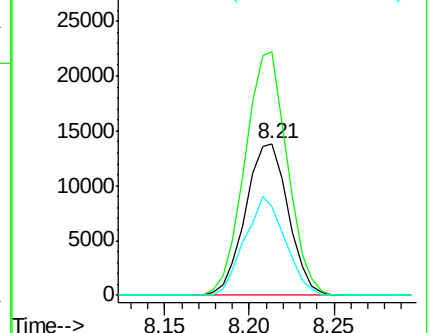
115 58.3 62.2 93.2#



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: 115.18 ng

RT: 5.76 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG021770.D

Acq: 20 Apr 2016 00:56

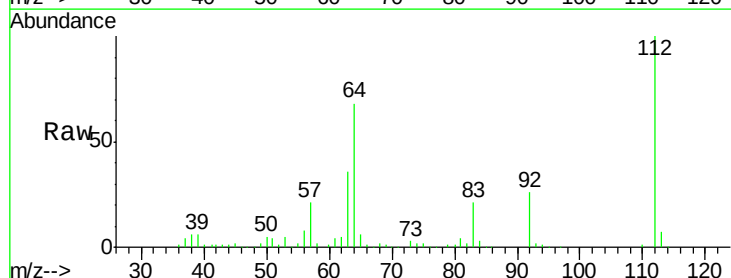
Tgt Ion:112 Resp: 169123

Ion Ratio Lower Upper

112 100

64 68.3 51.1 76.7

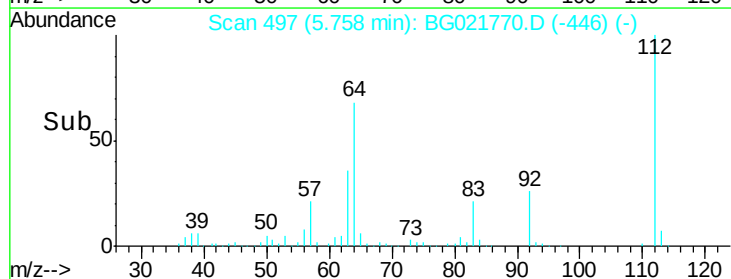
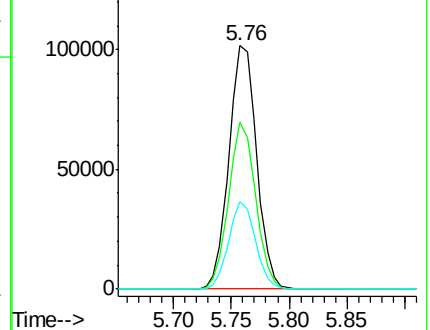
63 35.8 24.6 37.0

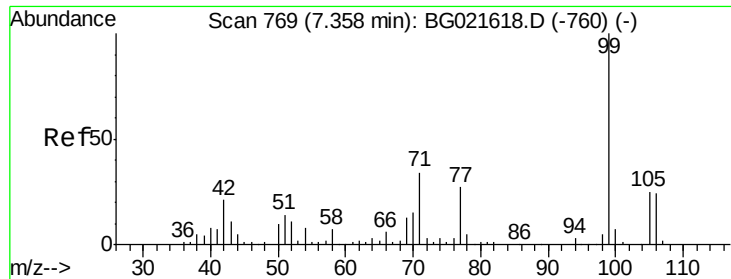


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.74 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021770.D

Acq: 20 Apr 2016 00:56

Instrument :

BNA_G

ClientSampleId :

LCF-EW1

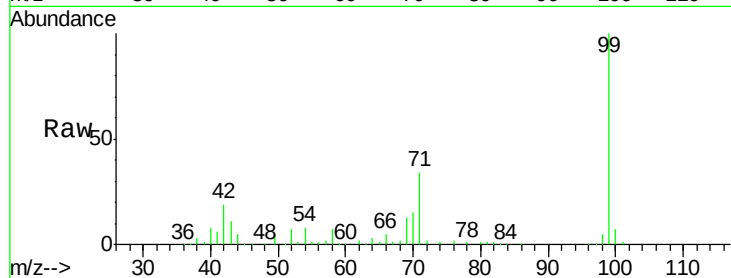
Tgt Ion: 99 Resp: 256048

Ion Ratio Lower Upper

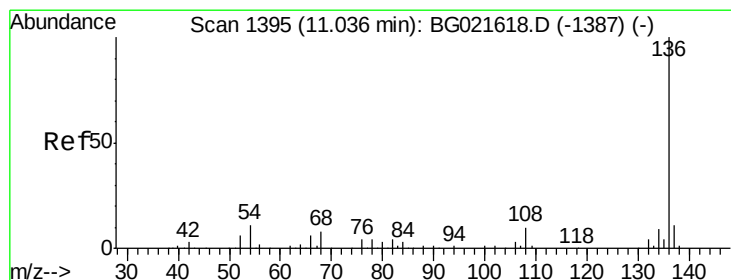
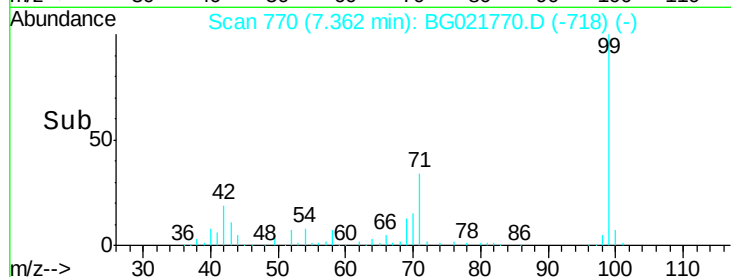
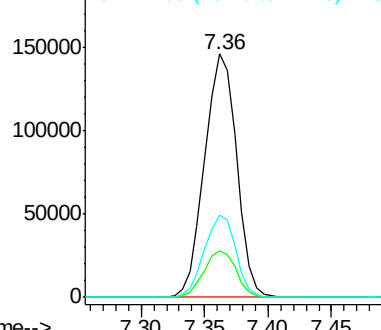
99 100

42 19.0 16.4 24.6

71 33.6 25.0 37.4



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: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021770.D

Acq: 20 Apr 2016 00:56

Tgt Ion: 136 Resp: 115927

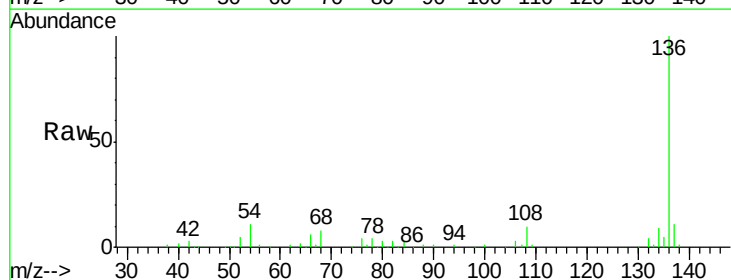
Ion Ratio Lower Upper

136 100

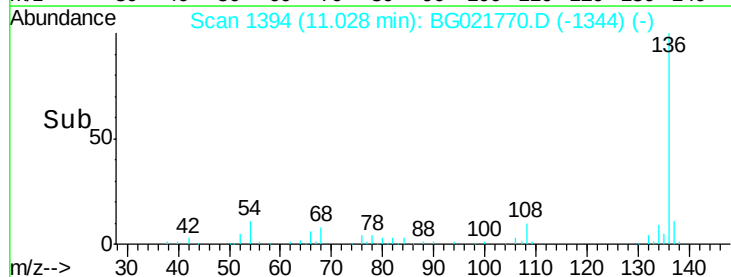
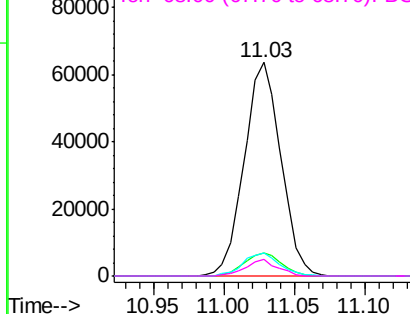
137 10.8 9.0 13.4

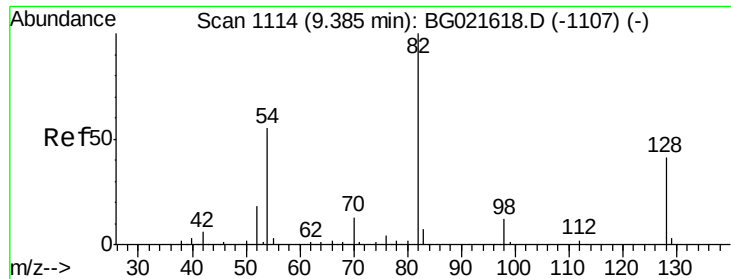
54 10.6 9.6 14.4

68 7.8 6.4 9.6



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

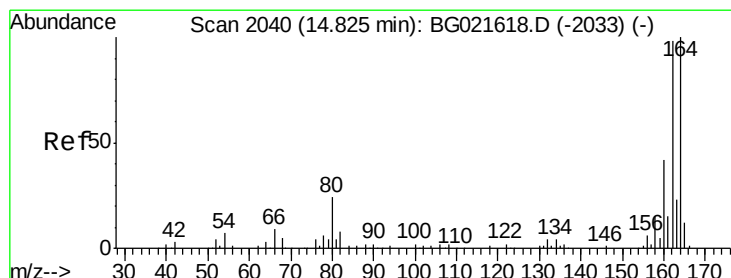
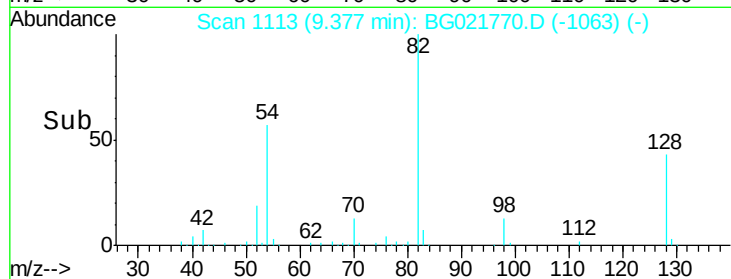
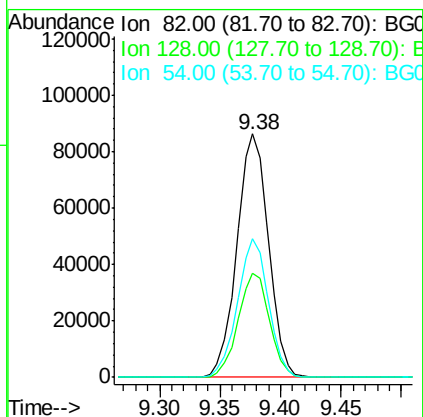
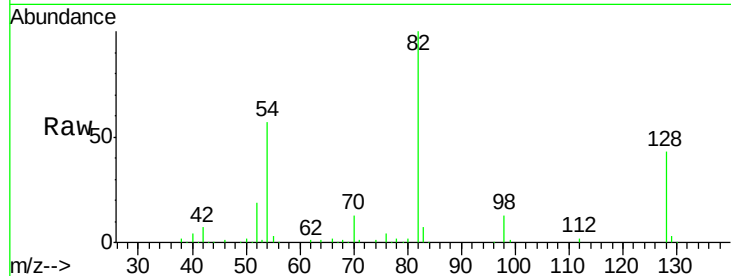




#23
 Nitrobenzene-d5
 Concen: 69.84 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021770.D
 Acq: 20 Apr 2016 00:56

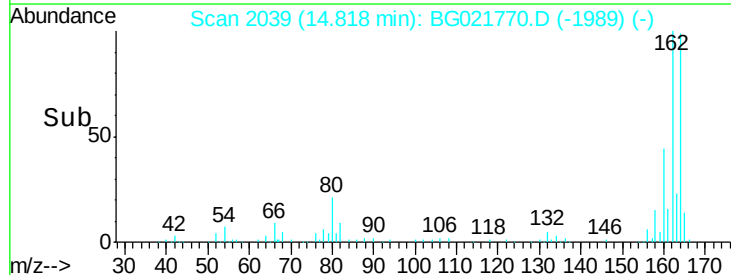
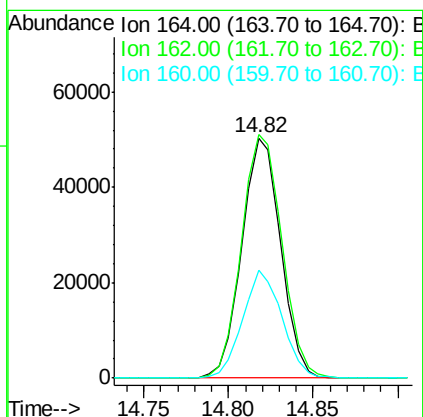
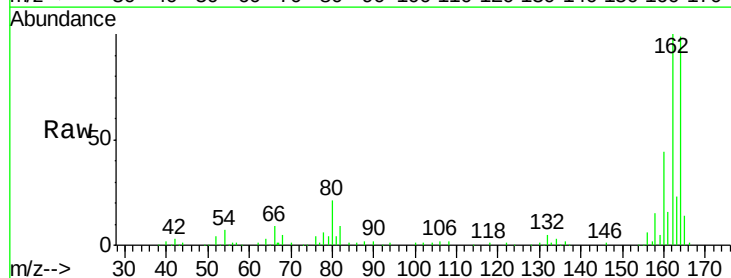
Instrument :
 BNA_G
 ClientSampleId :
 LCF-EW1

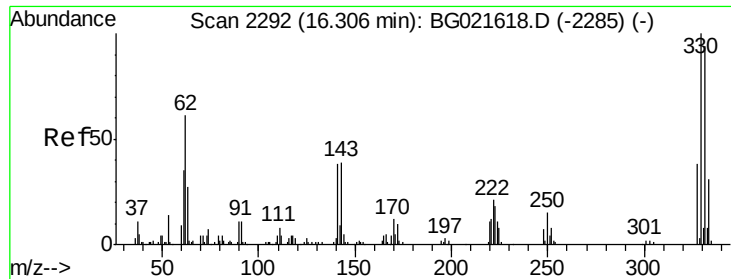
Tgt Ion: 82 Resp: 157519
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.4 50.0
 54 57.1 46.1 69.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021770.D
 Acq: 20 Apr 2016 00:56

Tgt Ion: 164 Resp: 79980
 Ion Ratio Lower Upper
 164 100
 162 101.4 78.0 117.0
 160 44.8 32.9 49.3

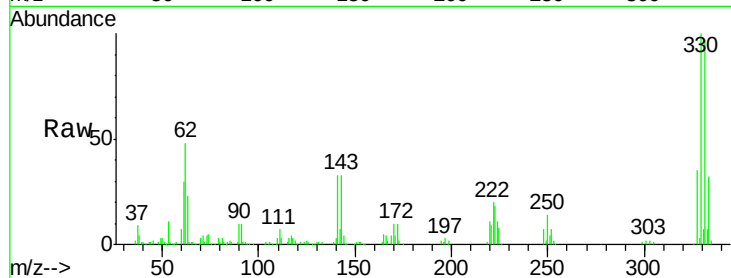




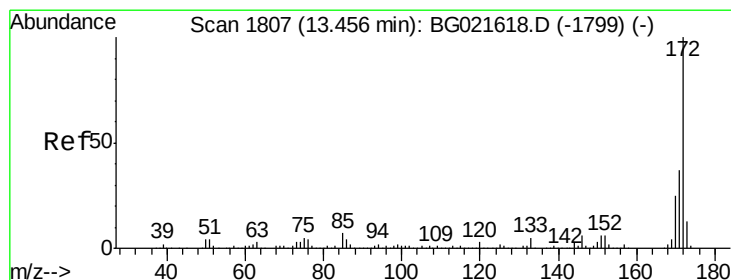
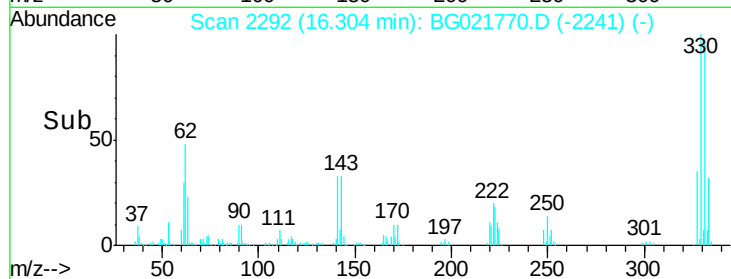
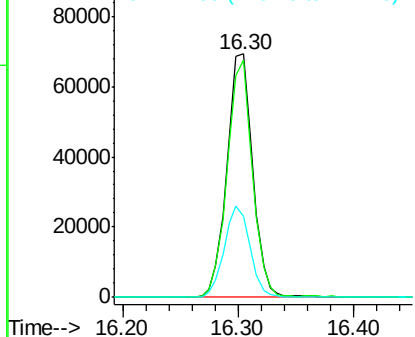
#41
 2,4,6-Tribromophenol
 Concen: 124.72 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021770.D
 Acq: 20 Apr 2016 00:56

Instrument :
 BNA_G
 ClientSampleId :
 LCF-EW1

Tgt Ion:330 Resp: 107508
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.0 117.0
 141 37.3 33.8 50.8

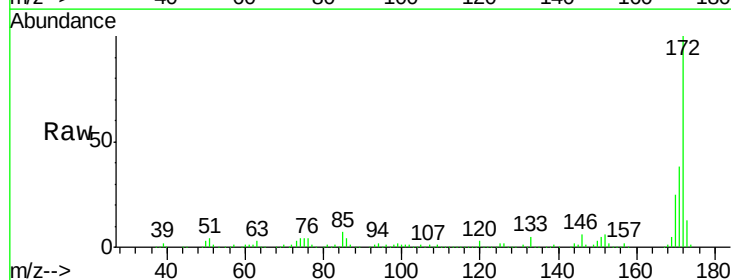


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

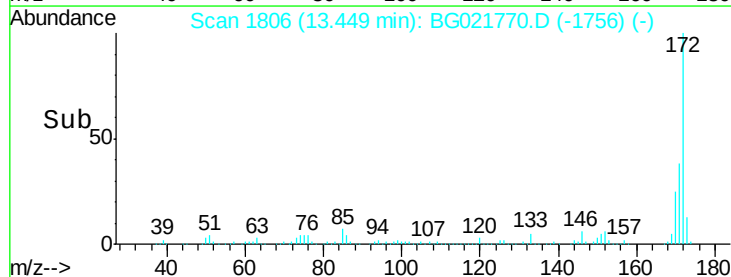
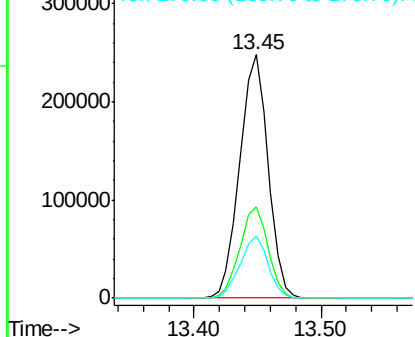


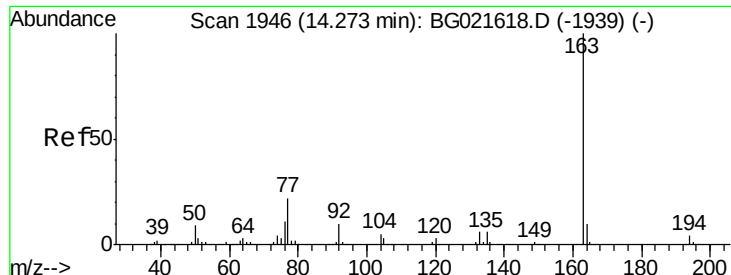
#44
 2-Fluorobiphenyl
 Concen: 70.34 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021770.D
 Acq: 20 Apr 2016 00:56

Tgt Ion:172 Resp: 383975
 Ion Ratio Lower Upper
 172 100
 171 37.7 27.8 41.6
 170 25.2 19.6 29.4



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: 10.22 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021770.D

Acq: 20 Apr 2016 00:56

Instrument :

BNA_G

ClientSampleId :

LCF-EW1

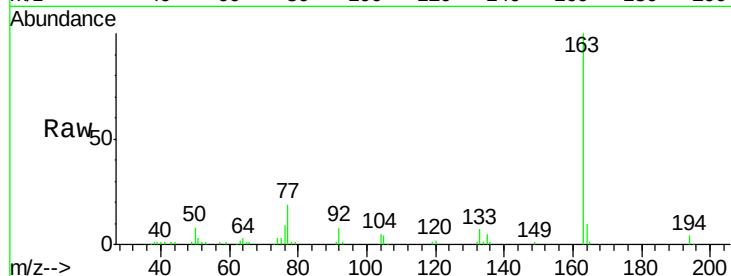
Tgt Ion:163 Resp: 70651

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.6

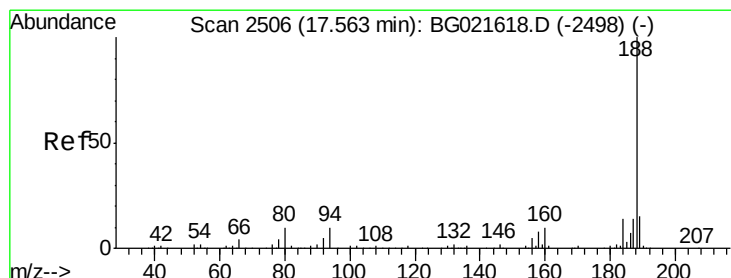
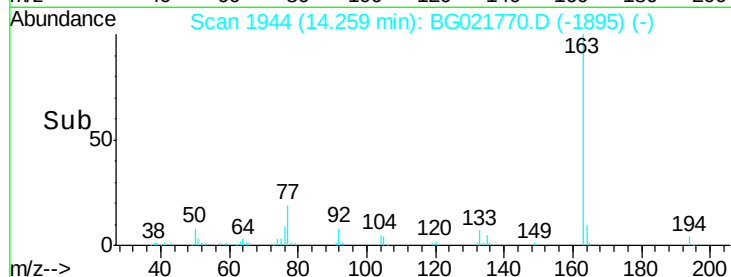
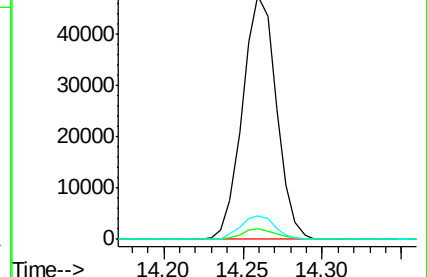
164 9.6 8.1 12.1



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: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021770.D

Acq: 20 Apr 2016 00:56

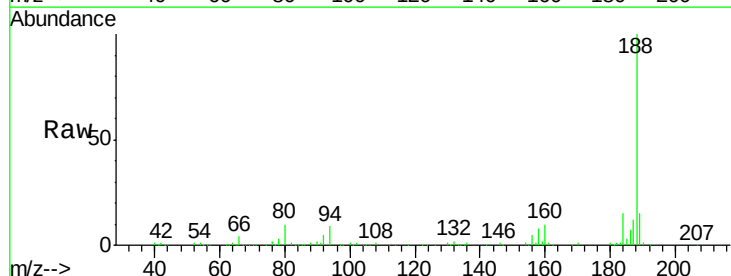
Tgt Ion:188 Resp: 180410

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

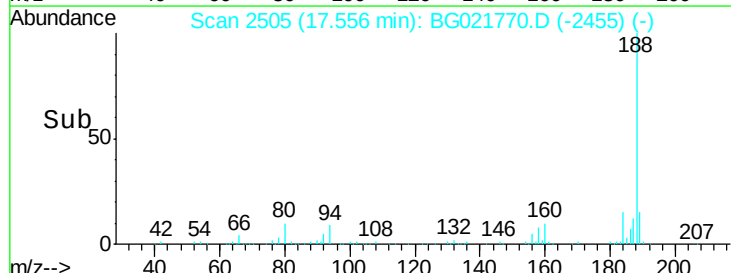
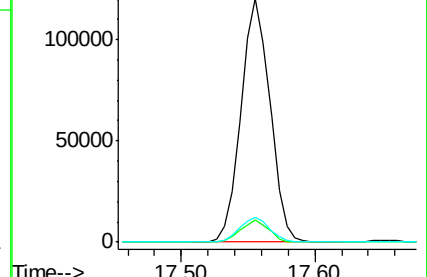
80 10.3 8.6 13.0

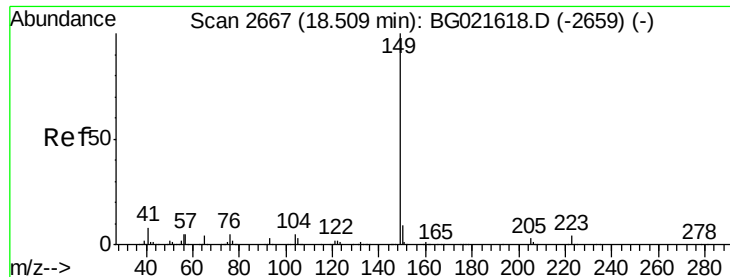


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

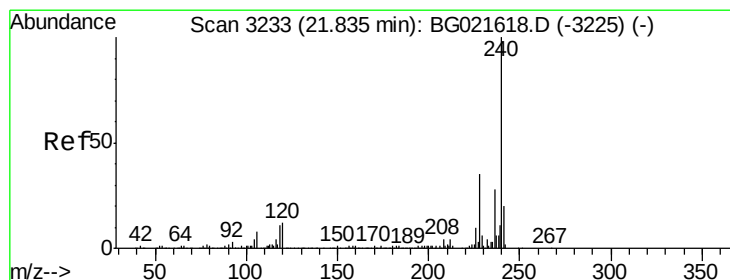
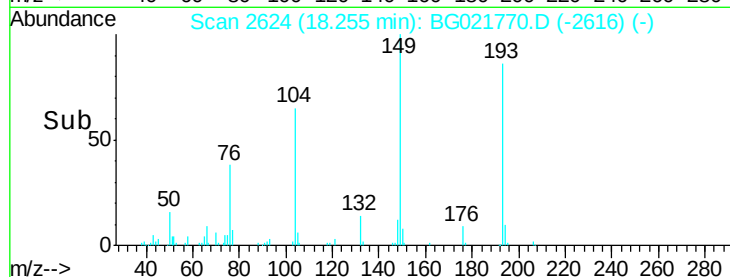
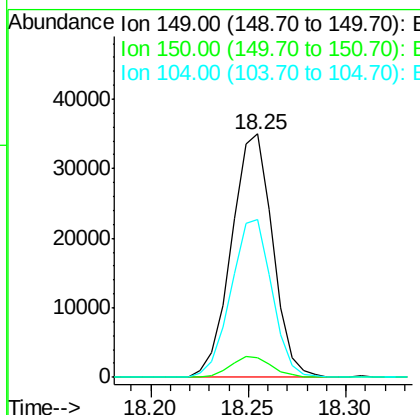
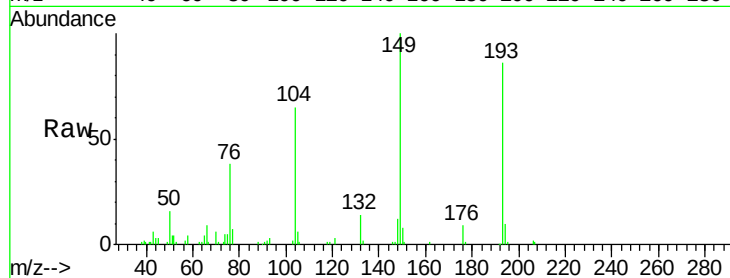




#73
Di-n-butylphthalate
Concen: 4.25 ng
RT: 18.25 min Scan# 2624
Delta R.T. -0.25 min
Lab File: BG021770.D
Acq: 20 Apr 2016 00:56

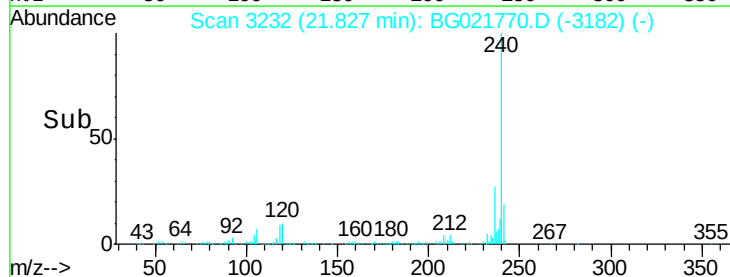
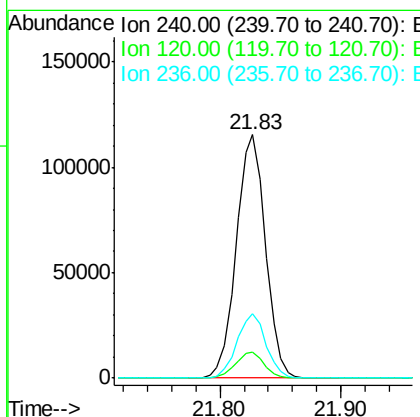
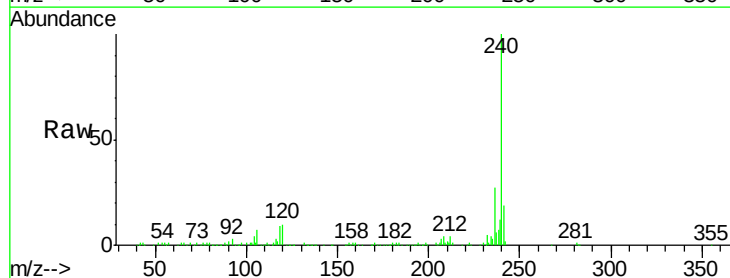
Instrument :
BNA_G
ClientSampleId :
LCF-EW1

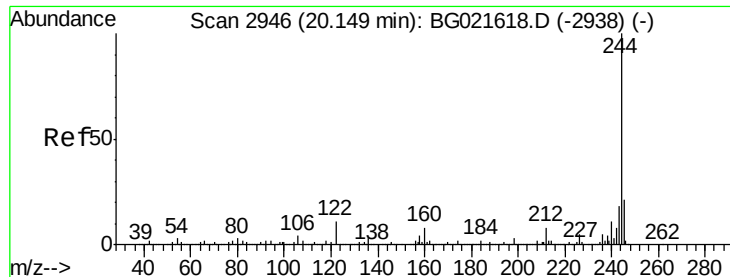
Tgt Ion:149 Resp: 50973
Ion Ratio Lower Upper
149 100
150 8.3 7.4 11.0
104 64.9 4.0 6.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021770.D
Acq: 20 Apr 2016 00:56

Tgt Ion:240 Resp: 194209
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 26.5 19.6 29.4





#78

Terphenyl-d14

Concen: 66.79 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021770.D

Acq: 20 Apr 2016 00:56

Instrument :

BNA_G

ClientSampleId :

LCF-EW1

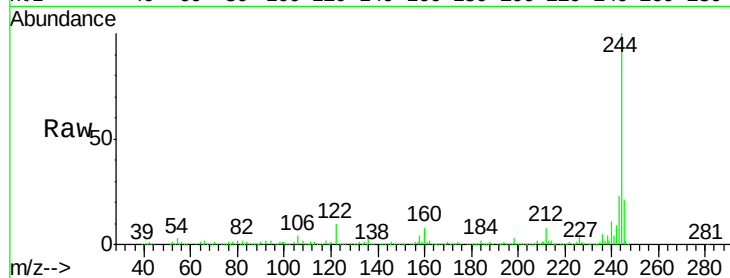
Tgt Ion:244 Resp: 519838

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

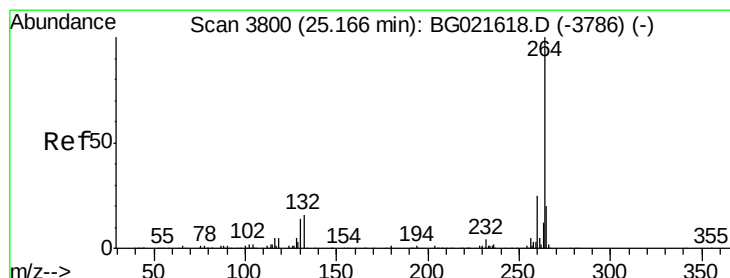
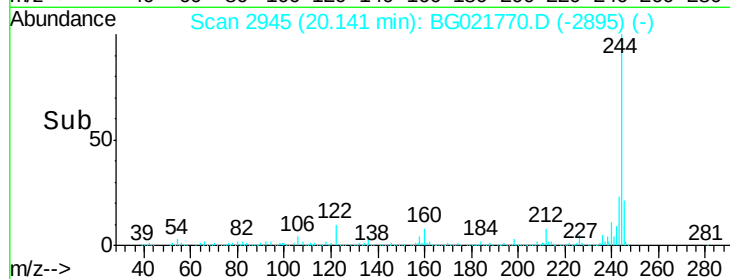
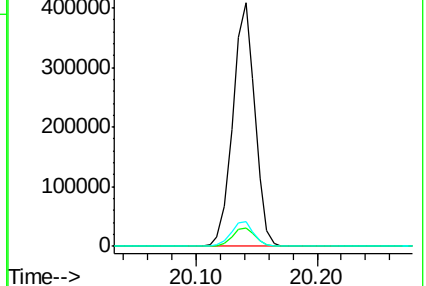
122 9.9 8.6 12.8



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: 25.16 min Scan# 3799

Delta R.T. -0.01 min

Lab File: BG021770.D

Acq: 20 Apr 2016 00:56

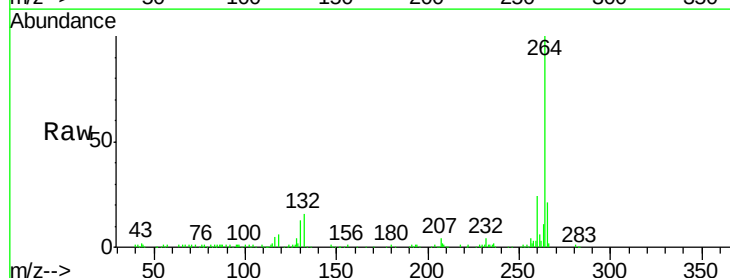
Tgt Ion:264 Resp: 190839

Ion Ratio Lower Upper

264 100

260 23.7 20.2 30.4

265 21.4 17.8 26.8



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

