

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041816\
 Data File : BG021724.D
 Acq On : 18 Apr 2016 4:32
 Operator : UM/SJ
 Sample : H2513-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ACF-EW-1

Quant Time: Apr 18 07:13:52 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

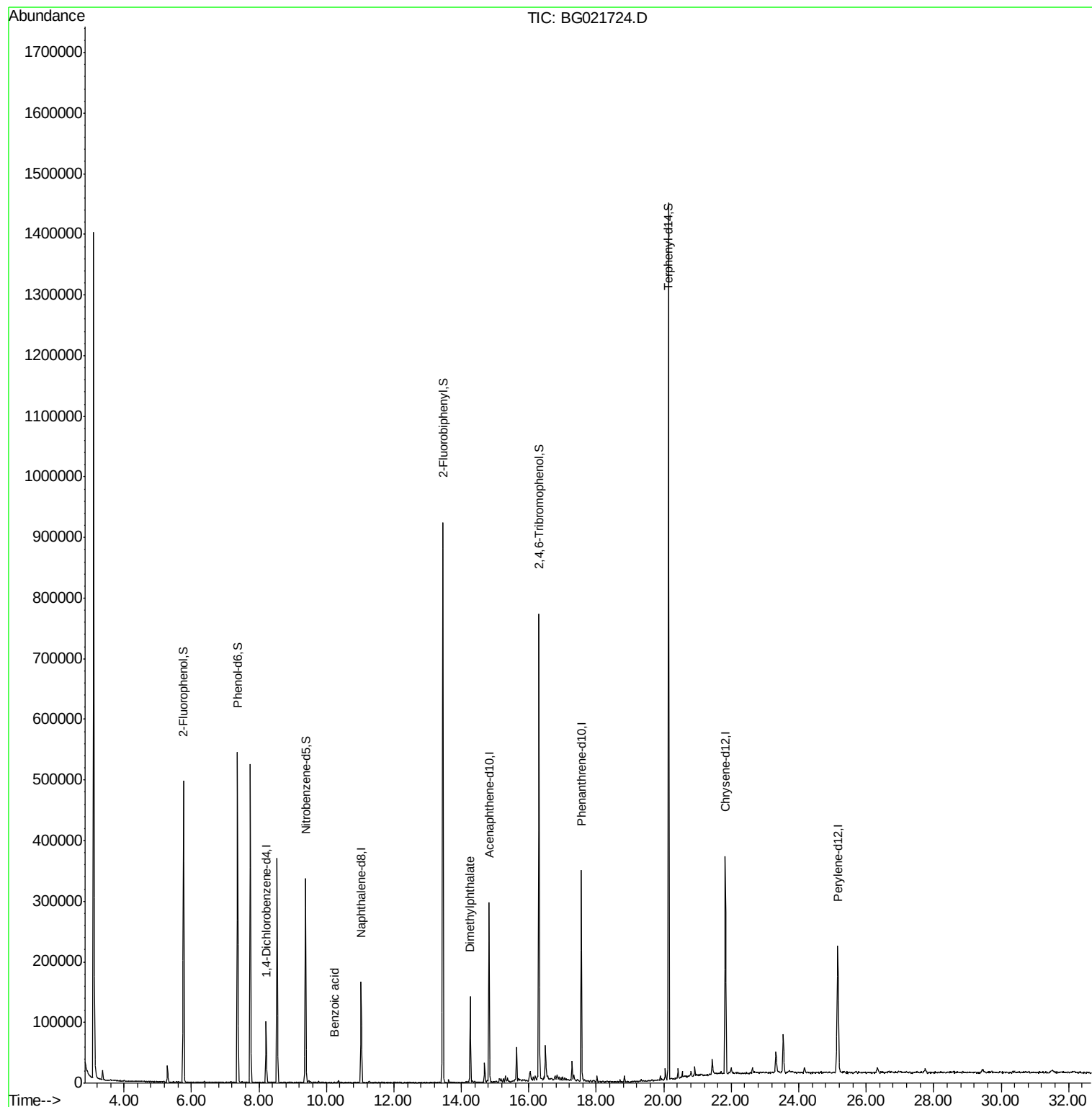
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	28916	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	141415	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	100870	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	212544	20.00	ng	0.00
75) Chrysene-d12	21.83	240	230307	20.00	ng	0.00
86) Perylene-d12	25.16	264	222569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	223526	128.73	ng	0.00
7) Phenol-d6	7.37	99	336738	129.83	ng	0.01
23) Nitrobenzene-d5	9.38	82	210181	76.39	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	142469	131.05	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	486472	70.66	ng	0.00
78) Terphenyl-d14	20.14	244	648947	70.31	ng	-0.01
Target Compounds						
32) Benzoic acid	10.23	122	113	4.35	ng	Qvalue # 36
49) Dimethylphthalate	14.26	163	95547	10.96	ng	100

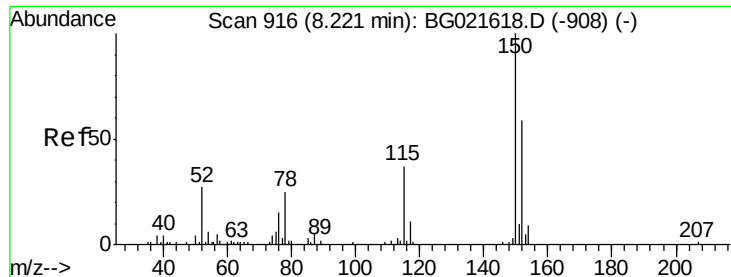
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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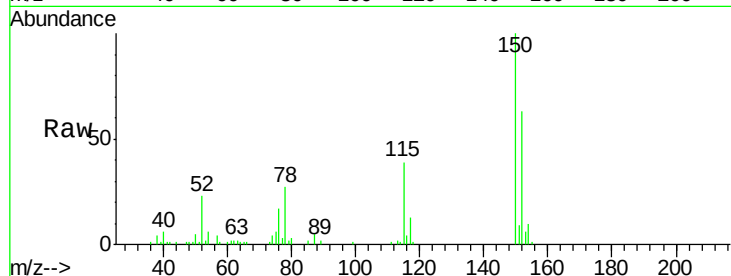


#1

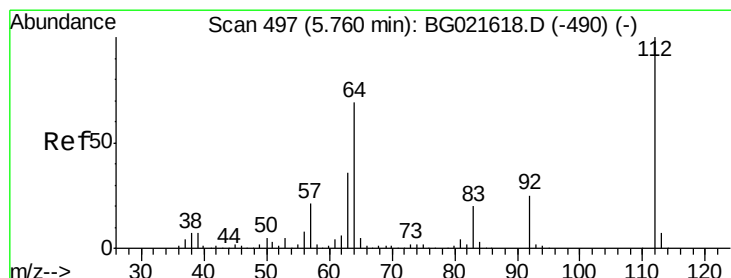
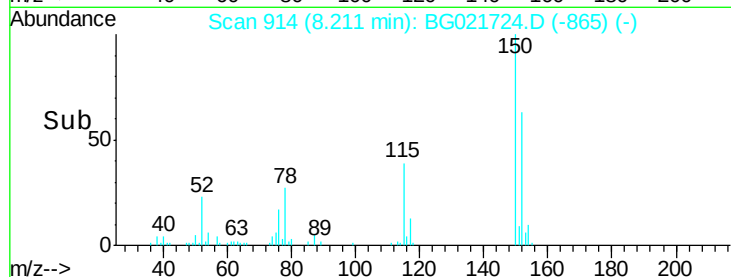
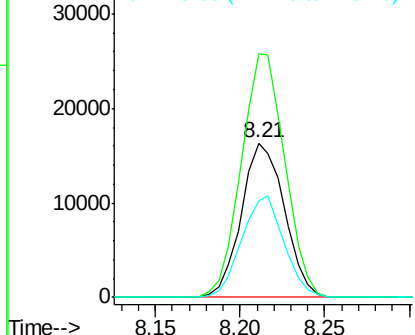
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG021724.D
Acq: 18 Apr 2016 4:32

Instrument :
BNA_G
ClientSampleId :
ACF-EW-1

Tgt Ion:152 Resp: 28916
Ion Ratio Lower Upper
152 100
150 157.7 130.1 195.1
115 62.2 62.2 93.2



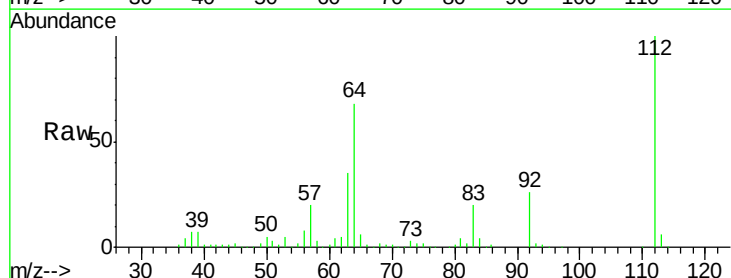
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



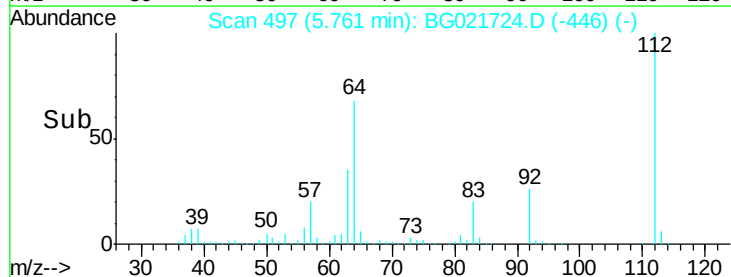
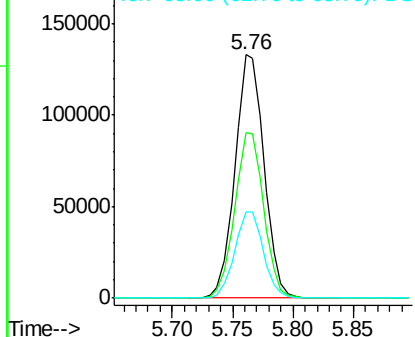
#5

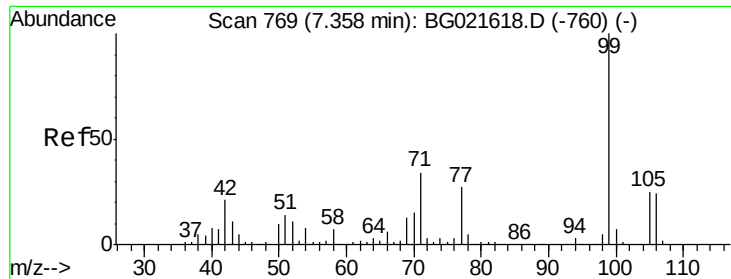
2-Fluorophenol
Concen: 128.73 ng
RT: 5.76 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG021724.D
Acq: 18 Apr 2016 4:32

Tgt Ion:112 Resp: 223526
Ion Ratio Lower Upper
112 100
64 67.9 51.1 76.7
63 35.3 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: 129.83 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021724.D

Acq: 18 Apr 2016 4:32

Instrument :

BNA_G

ClientSampleId :

ACF-EW-1

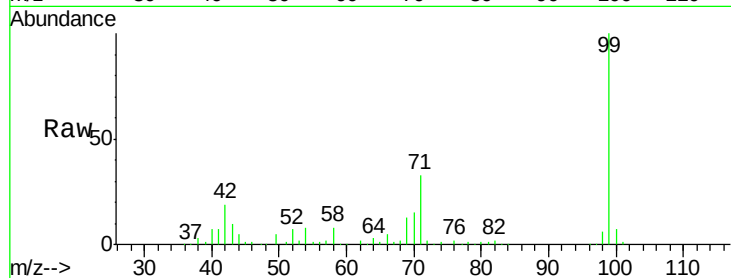
Tgt Ion: 99 Resp: 336738

Ion Ratio Lower Upper

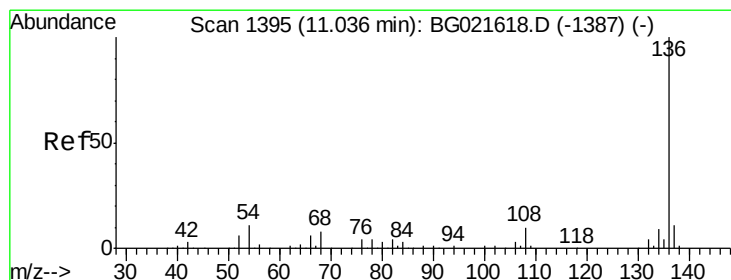
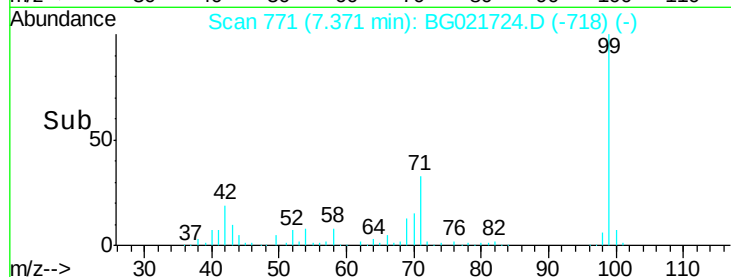
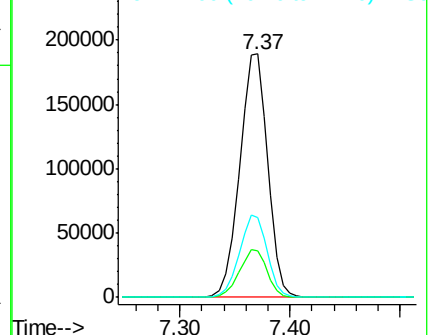
99 100

42 19.4 16.4 24.6

71 32.9 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. -0.00 min

Lab File: BG021724.D

Acq: 18 Apr 2016 4:32

Tgt Ion: 136 Resp: 141415

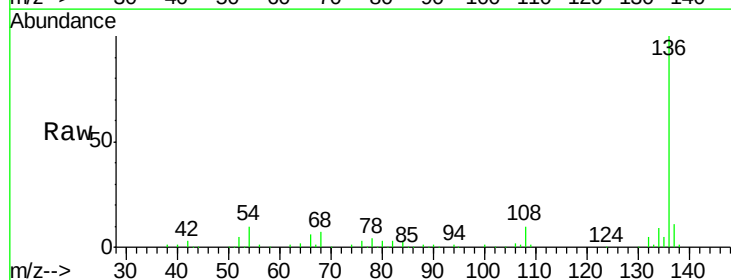
Ion Ratio Lower Upper

136 100

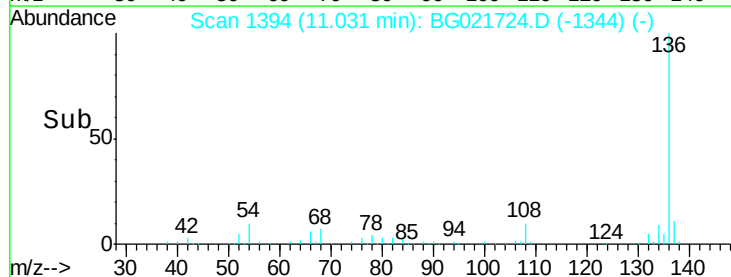
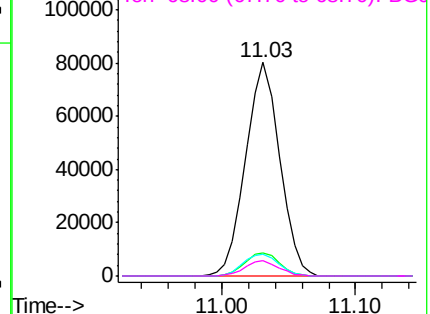
137 10.7 9.0 13.4

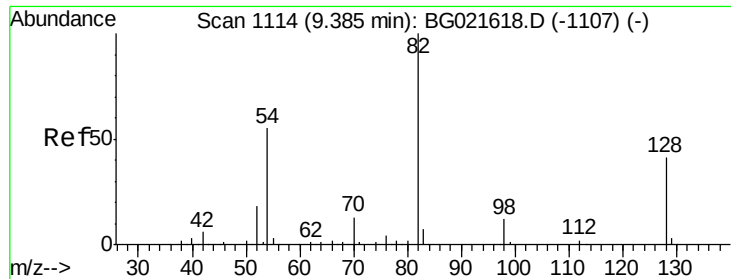
54 10.2 9.6 14.4

68 7.2 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

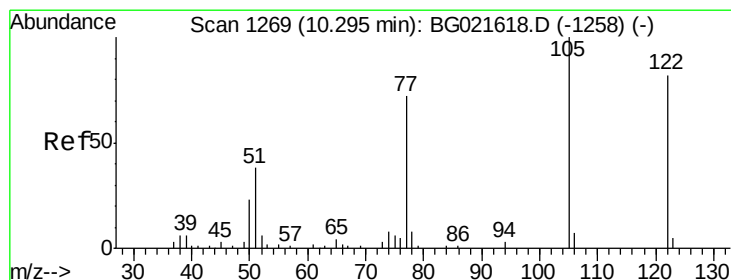
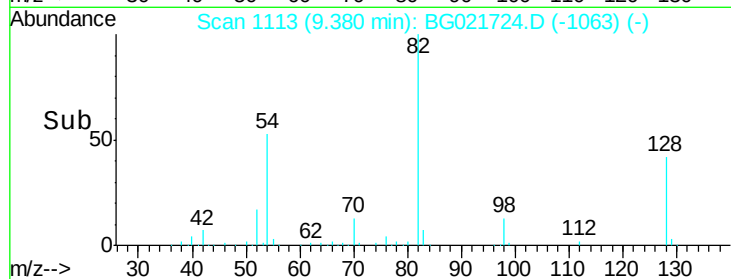
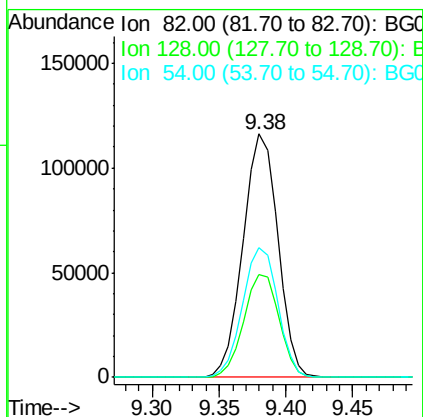
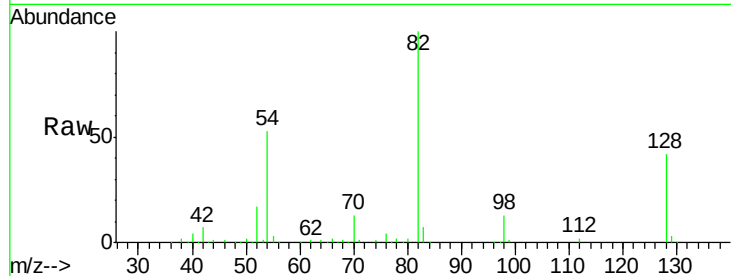




#23
 Nitrobenzene-d5
 Concen: 76.39 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BG021724.D
 Acq: 18 Apr 2016 4:32

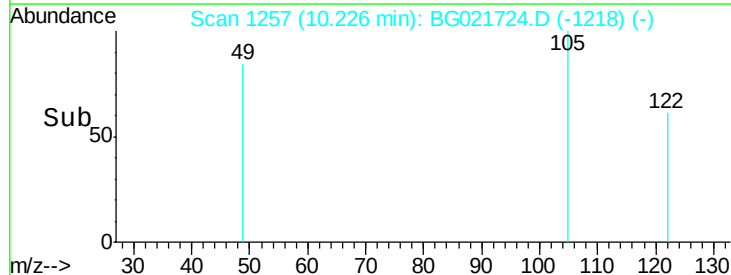
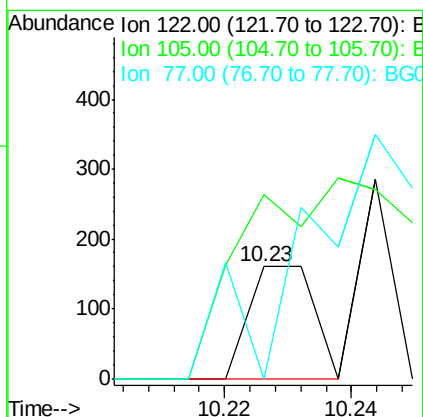
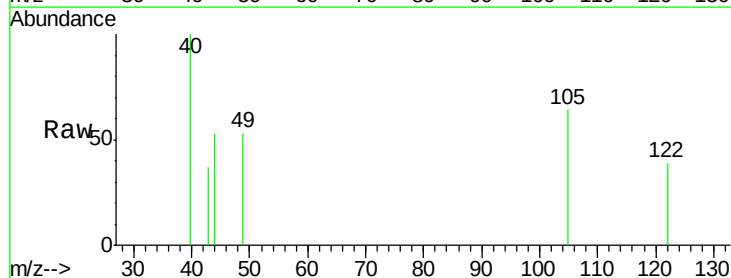
Instrument :
 BNA_G
 ClientSampleId :
 ACF-EW-1

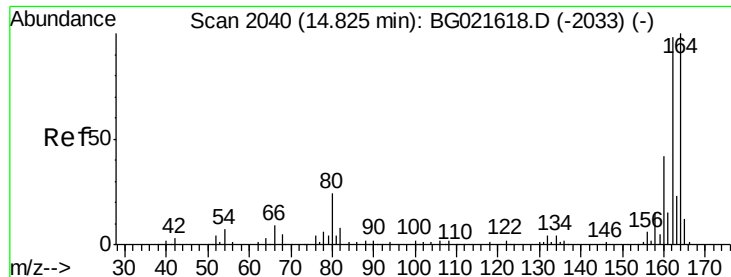
Tgt Ion: 82 Resp: 210181
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.4 50.0
 54 53.1 46.1 69.1



#32
 Benzoic acid
 Concen: 4.35 ng
 RT: 10.23 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BG021724.D
 Acq: 18 Apr 2016 4:32

Tgt Ion: 122 Resp: 113
 Ion Ratio Lower Upper
 122 100
 105 164.4 104.5 144.5#
 77 0.0 79.9 119.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BG021724.D

Acq: 18 Apr 2016 4:32

Instrument :

BNA_G

ClientSampleId :

ACF-EW-1

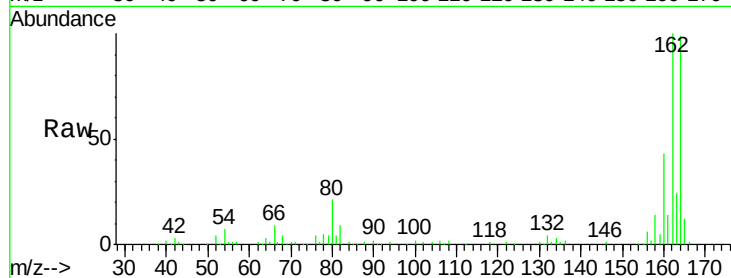
Tgt Ion:164 Resp: 100870

Ion Ratio Lower Upper

164 100

162 101.5 78.0 117.0

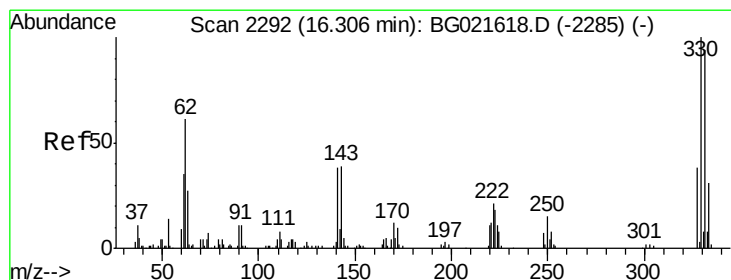
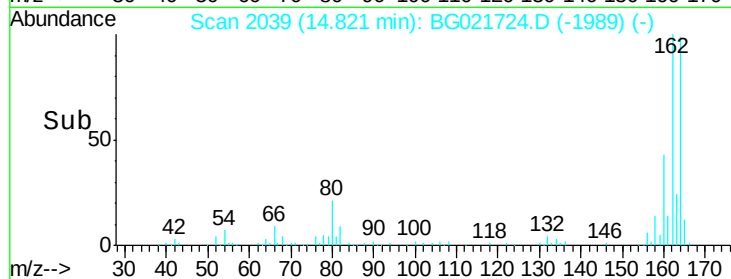
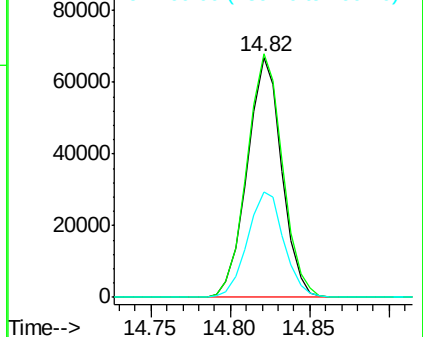
160 43.8 32.9 49.3



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: 131.05 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BG021724.D

Acq: 18 Apr 2016 4:32

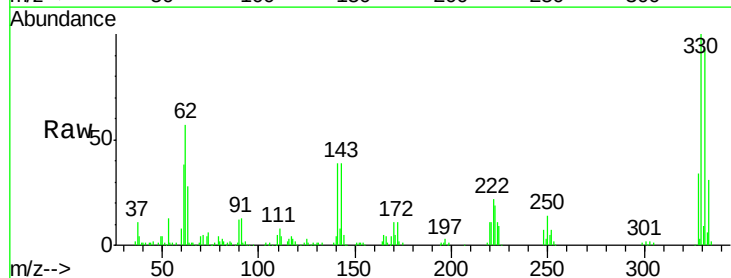
Tgt Ion:330 Resp: 142469

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

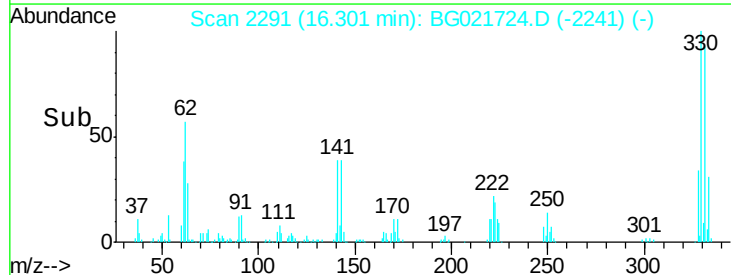
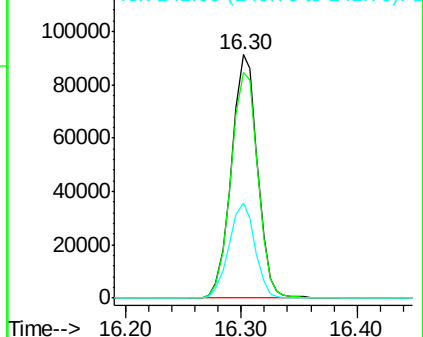
141 38.8 33.8 50.8

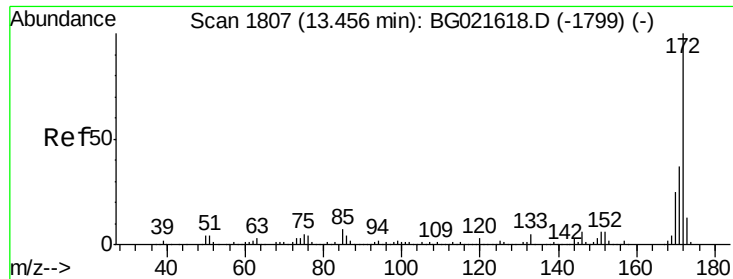


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

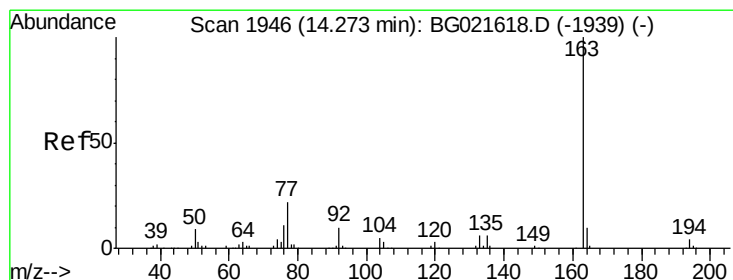
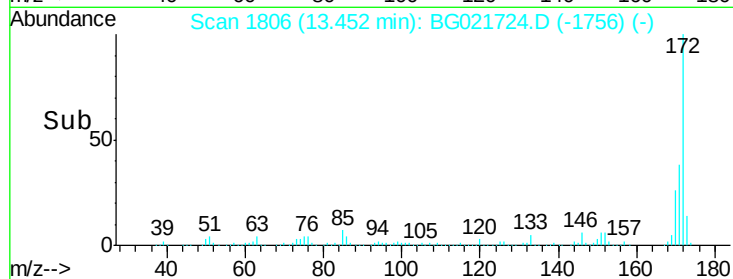
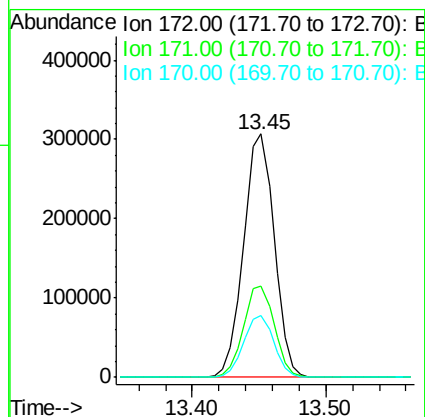
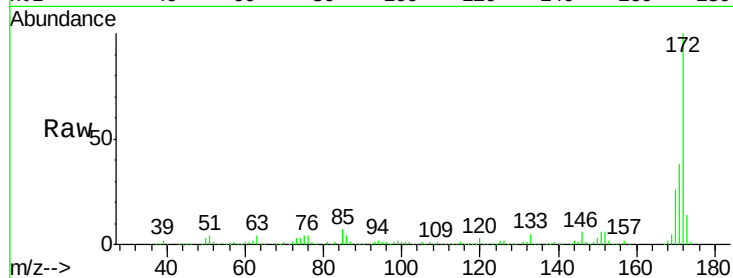




#44
 2-Fluorobiphenyl
 Concen: 70.66 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021724.D
 Acq: 18 Apr 2016 4:32

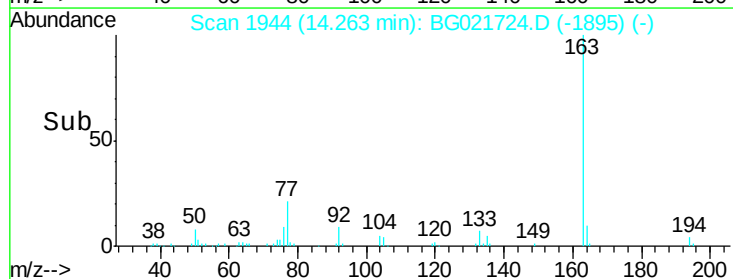
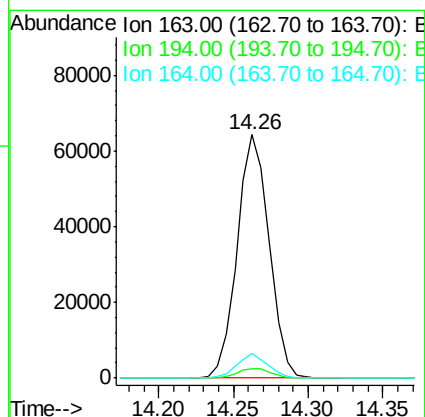
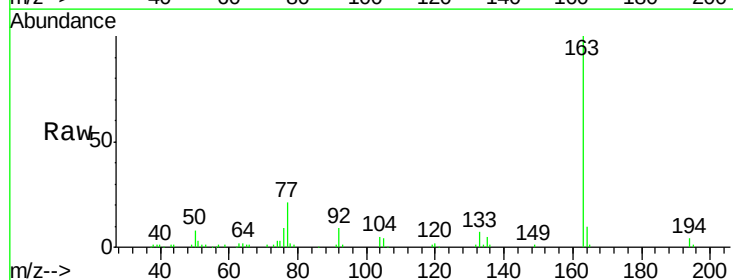
Instrument :
 BNA_G
 ClientSampleId :
 ACF-EW-1

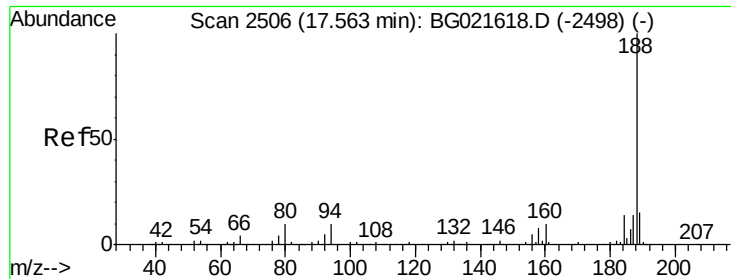
Tgt Ion:172 Resp: 486472
 Ion Ratio Lower Upper
 172 100
 171 37.7 27.8 41.6
 170 25.6 19.6 29.4



#49
 Dimethylphthalate
 Concen: 10.96 ng
 RT: 14.26 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG021724.D
 Acq: 18 Apr 2016 4:32

Tgt Ion:163 Resp: 95547
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.0 4.6
 164 10.1 8.1 12.1

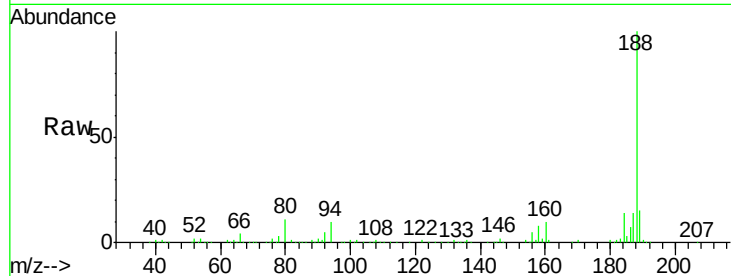




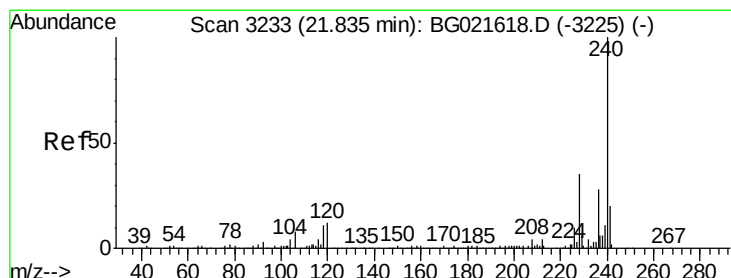
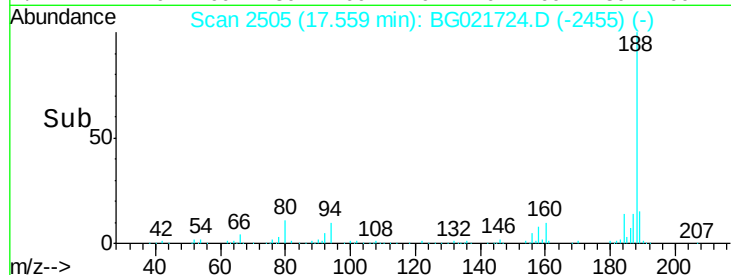
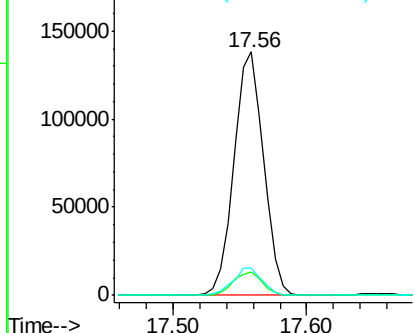
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG021724.D
Acq: 18 Apr 2016 4:32

Instrument :
BNA_G
ClientSampleId :
ACF-EW-1

Tgt Ion:188 Resp: 212544
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 11.3 8.6 13.0

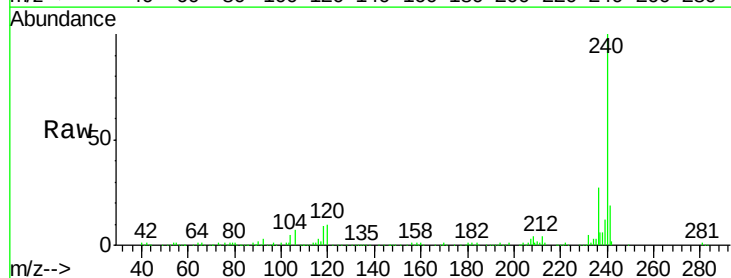


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

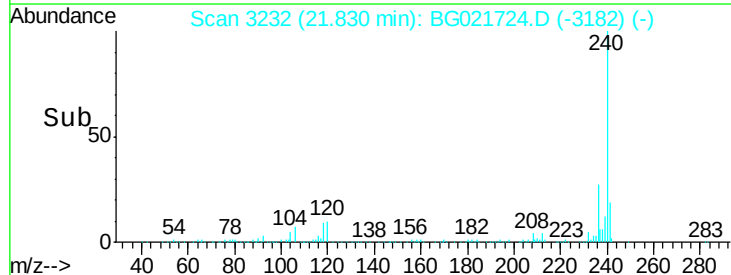
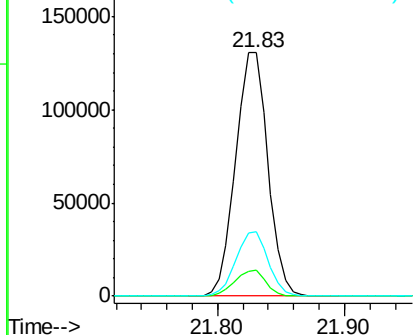


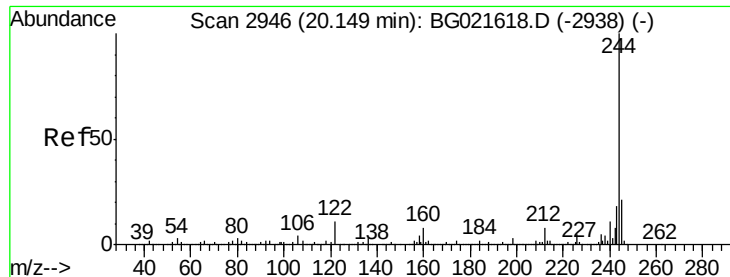
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BG021724.D
Acq: 18 Apr 2016 4:32

Tgt Ion:240 Resp: 230307
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 26.7 19.6 29.4



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: 70.31 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BG021724.D

Acq: 18 Apr 2016 4:32

Instrument :

BNA_G

ClientSampleId :

ACF-EW-1

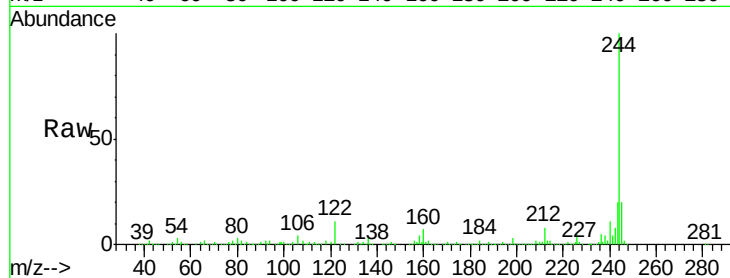
Tgt Ion:244 Resp: 648947

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

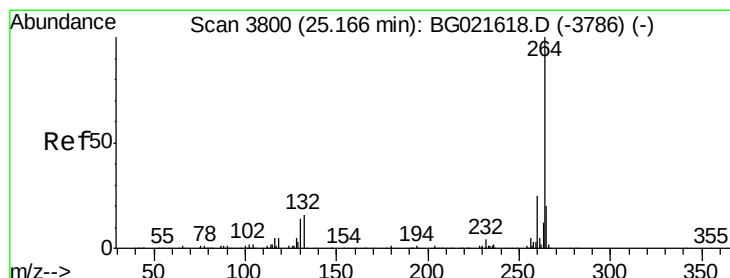
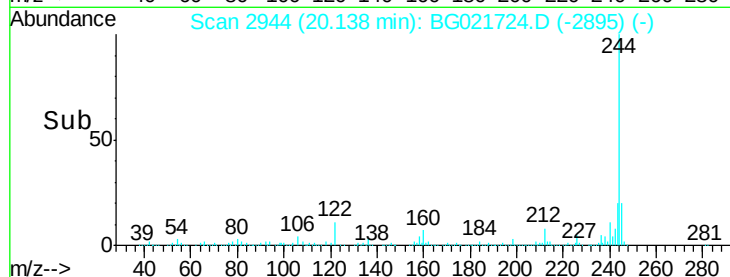
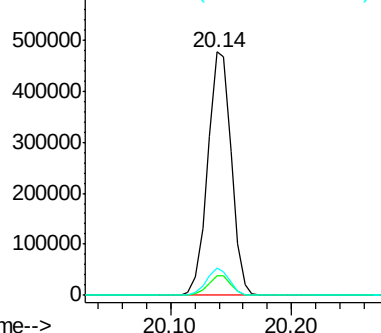
122 11.0 8.6 12.8



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# 3798

Delta R.T. -0.01 min

Lab File: BG021724.D

Acq: 18 Apr 2016 4:32

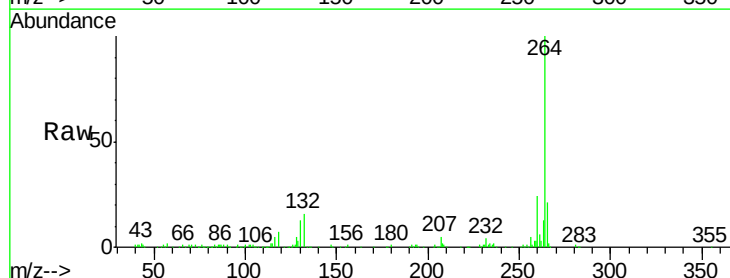
Tgt Ion:264 Resp: 222569

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.4

265 21.0 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

