

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024620.D
 Acq On : 2 Nov 2016 9:35
 Operator : UM/SJ
 Sample : H5480-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 14B(1-4)-COMP

Quant Time: Nov 02 13:15:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

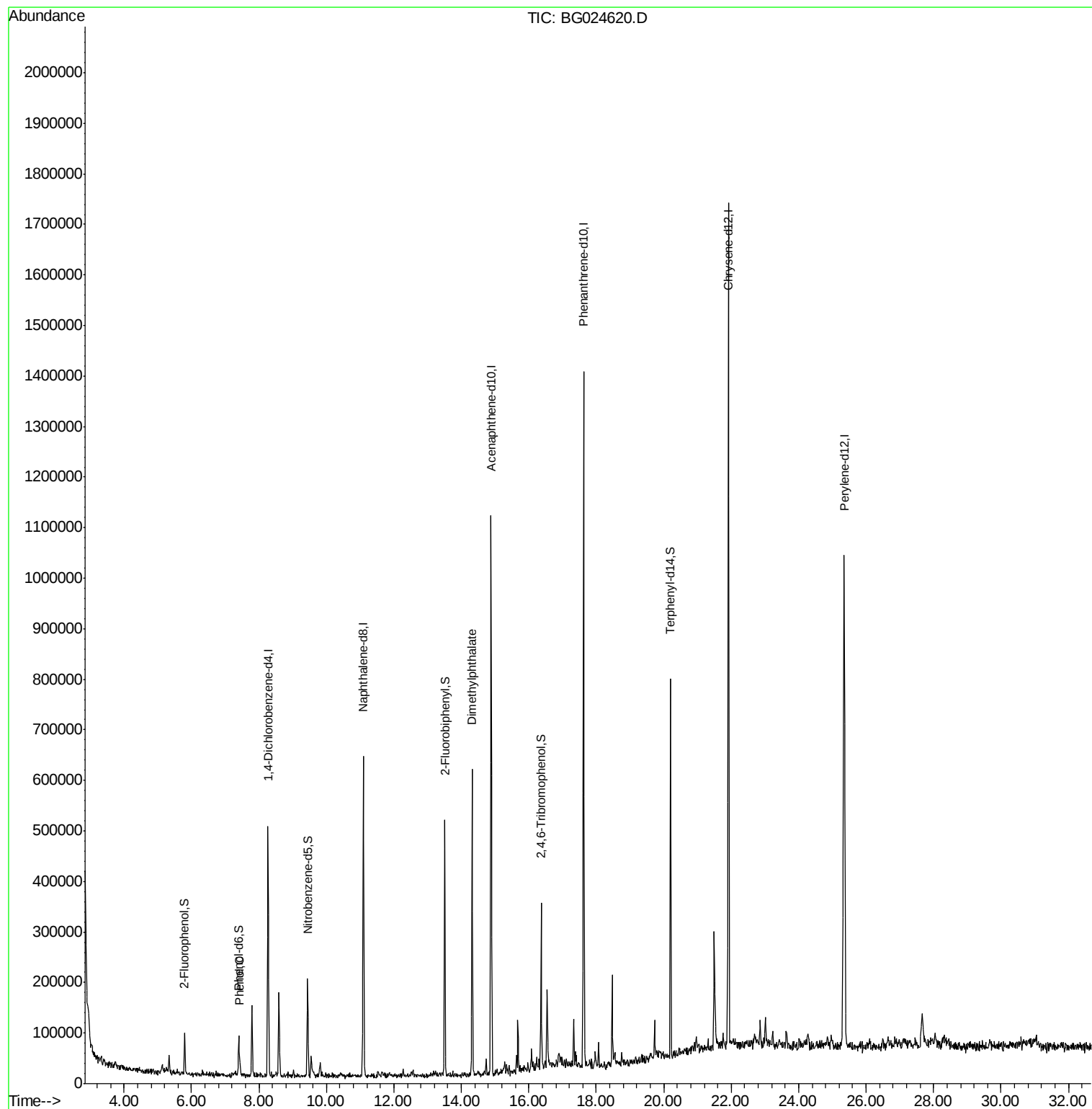
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	131953	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	533809	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	416570	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	877070	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1128528	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1192821	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	34066	4.23	ng	0.00
7) Phenol-d6	7.40	99	38180	3.46	ng	0.00
23) Nitrobenzene-d5	9.44	82	121026	10.32	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	68119	10.95	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	264531	10.55	ng	0.00
78) Terphenyl-d14	20.20	244	339471	8.99	ng	-0.01
Target Compounds						
10) Phenol	7.43	94	23572	2.07	ng	Qvalue # 72
49) Dimethylphthalate	14.32	163	391263	13.23	ng	96

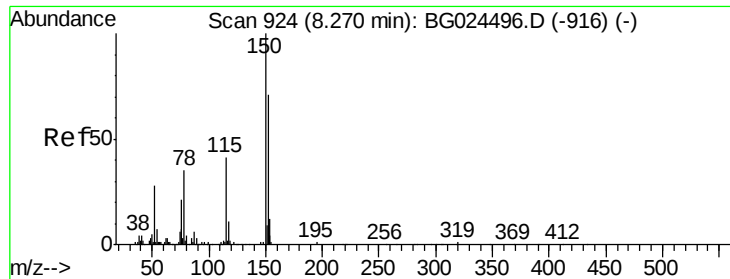
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024620.D

Acq: 2 Nov 2016 9:35

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

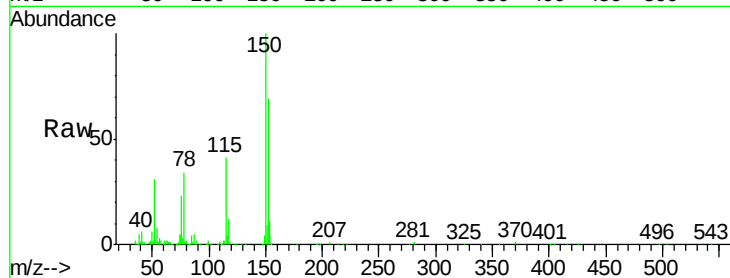
Tot Ion:152 Resp: 131953

Ion Ratio Lower Upper

152 100

150 145.5 114.0 171.0

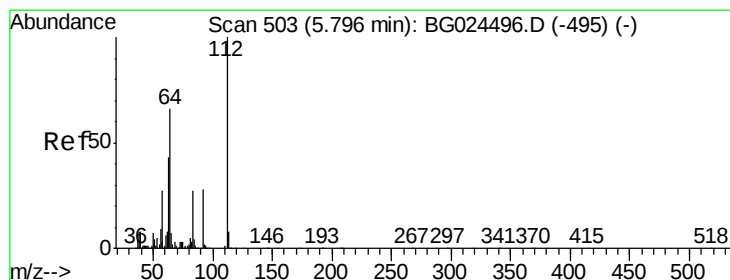
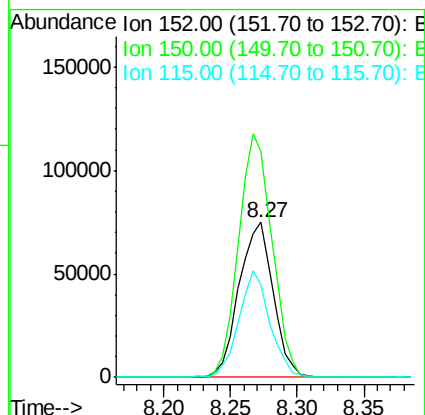
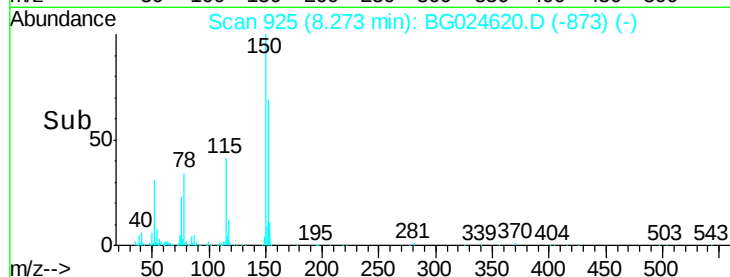
115 59.8 48.1 72.1



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: 4.23 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024620.D

Acq: 2 Nov 2016 9:35

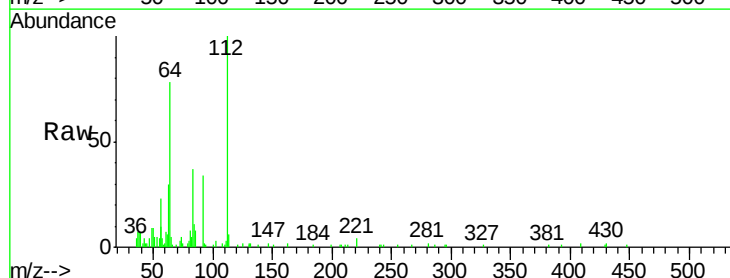
Tgt Ion:112 Resp: 34066

Ion Ratio Lower Upper

112 100

64 77.5 61.8 92.6

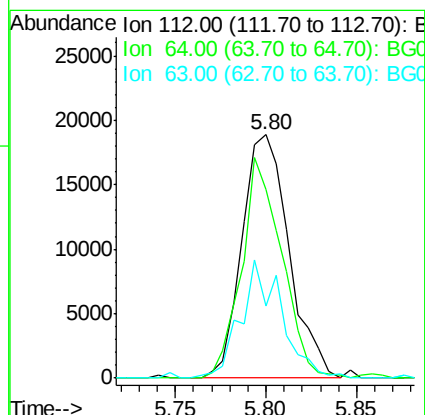
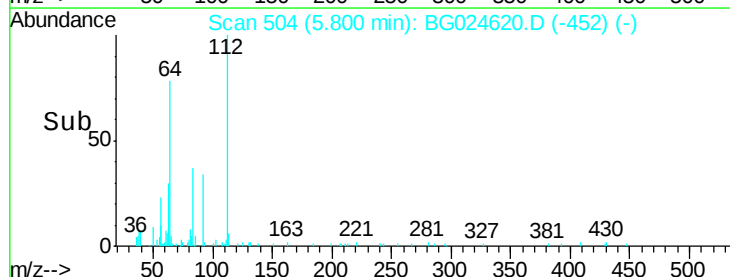
63 29.6 37.2 55.8#

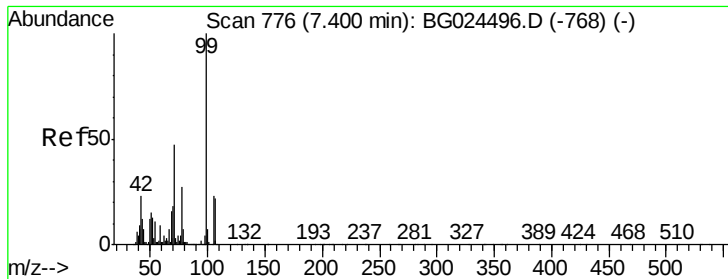


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 3.46 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024620.D

Acq: 2 Nov 2016 9:35

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

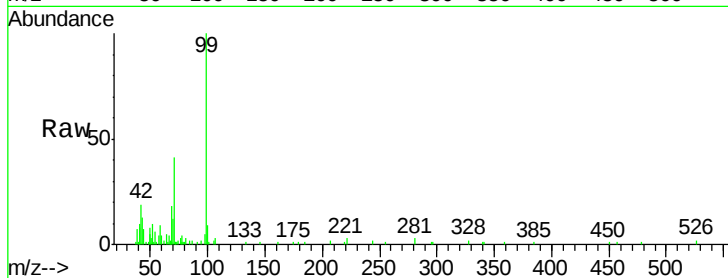
Tot Ion: 99 Resp: 38180

Ion Ratio Lower Upper

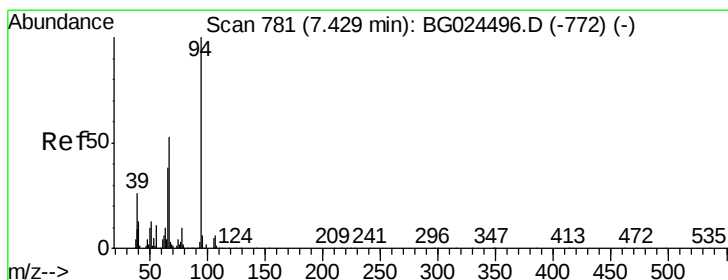
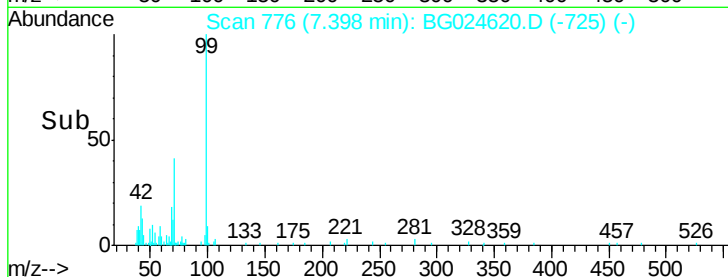
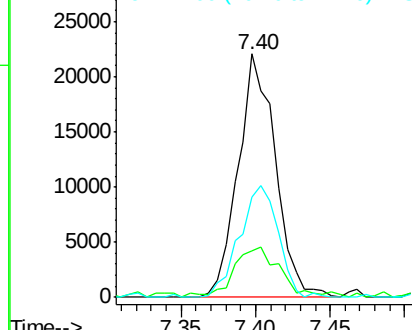
99 100

42 19.2 20.5 30.7#

71 41.2 37.6 56.4



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



#10

Phenol

Concen: 2.07 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024620.D

Acq: 2 Nov 2016 9:35

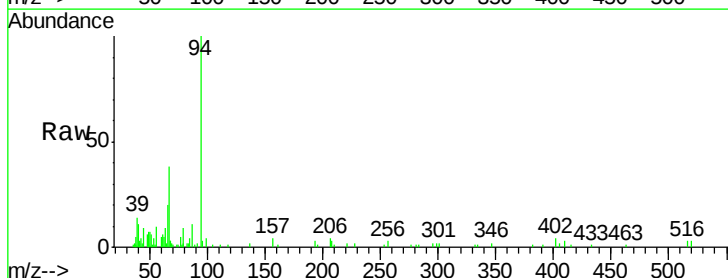
Tgt Ion: 94 Resp: 23572

Ion Ratio Lower Upper

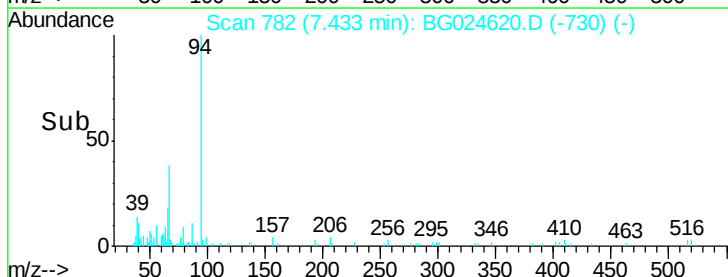
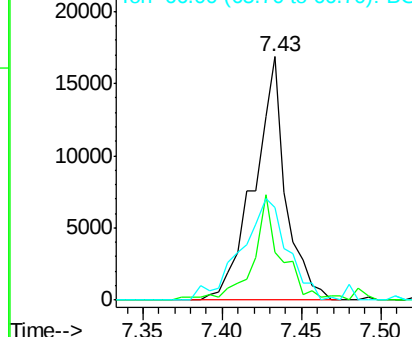
94 100

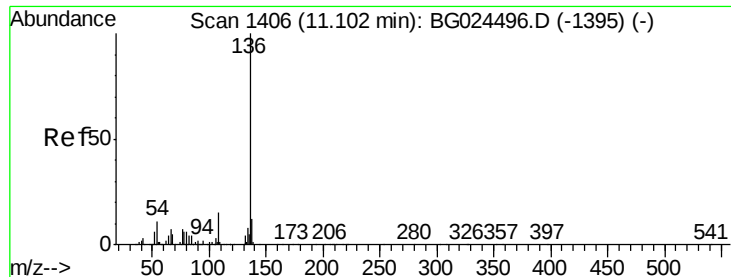
65 19.8 20.6 60.6#

66 38.0 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

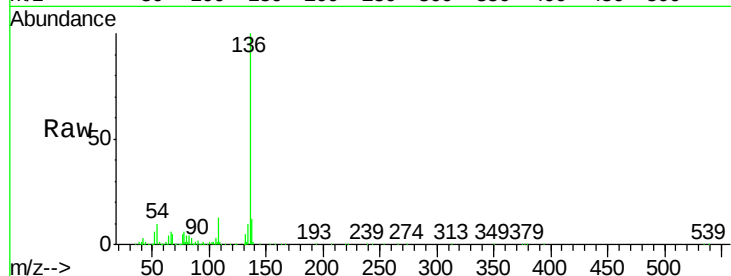




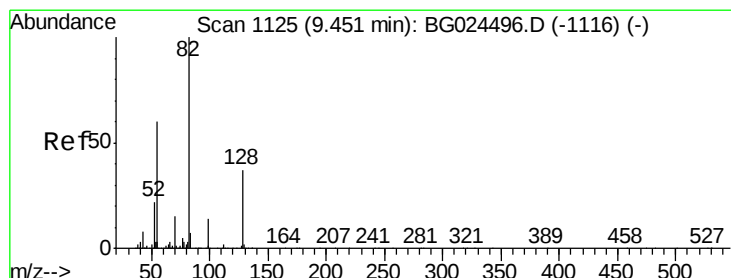
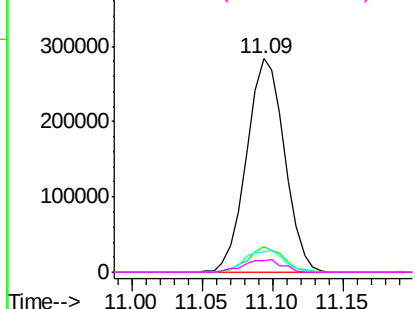
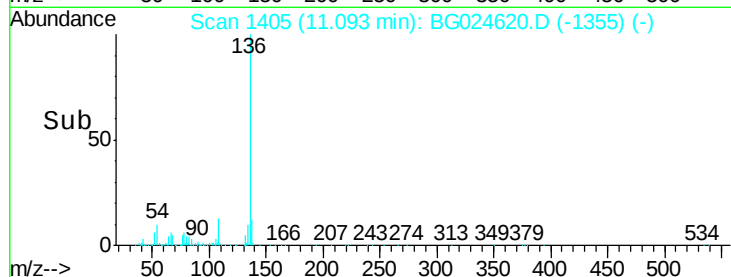
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024620.D
Acq: 2 Nov 2016 9:35

Instrument :
BNA_G
ClientSampleId :
14B(1-4)-COMP

Tot Ion:136	Resp:	533809
Ion	Ratio	Lower Upper
136	100	
137	11.9	8.9 13.3
54	9.8	9.3 13.9
68	5.2	5.1 7.7

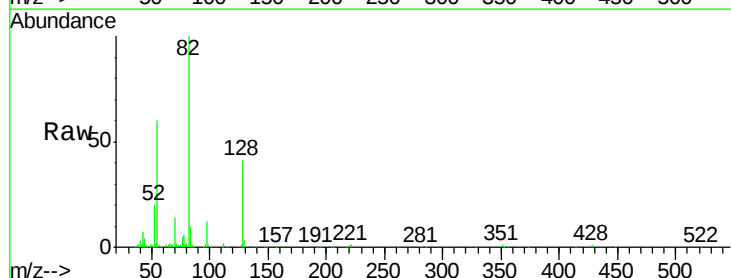


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

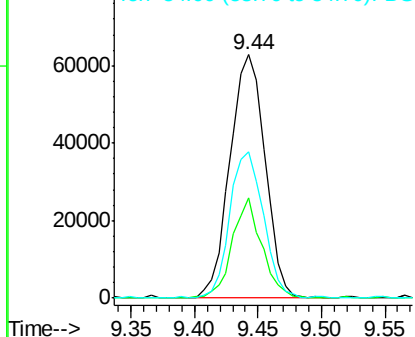
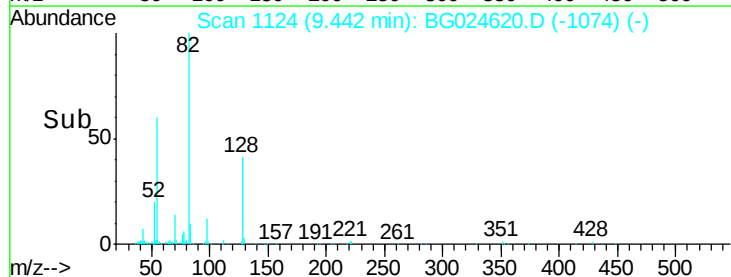


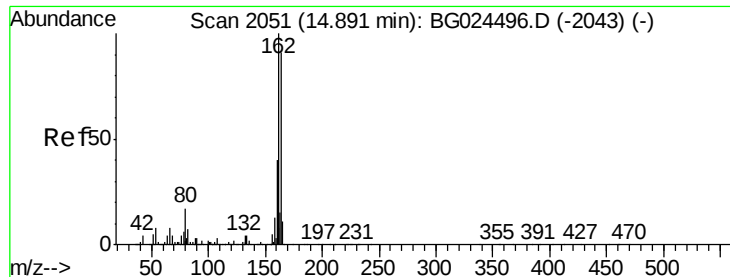
#23
Nitrobenzene-d5
Concen: 10.32 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024620.D
Acq: 2 Nov 2016 9:35

Tgt Ion: 82	Resp:	121026
Ion	Ratio	Lower Upper
82	100	
128	41.4	26.4 39.6#
54	59.9	49.4 74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024620.D

Acq: 2 Nov 2016 9:35

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

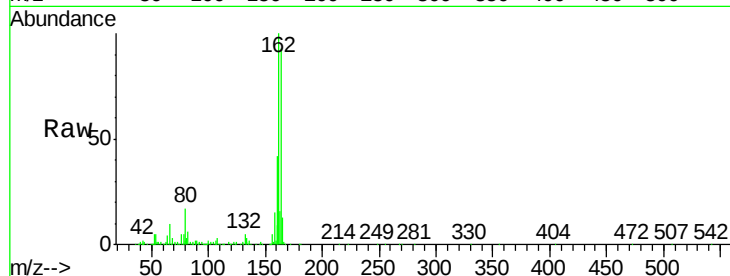
Tot Ion:164 Resp: 416570

Ion Ratio Lower Upper

164 100

162 107.5 85.1 127.7

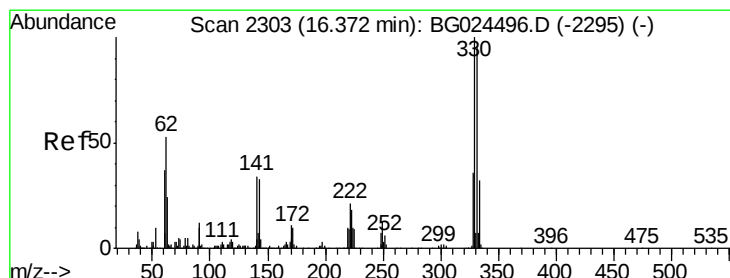
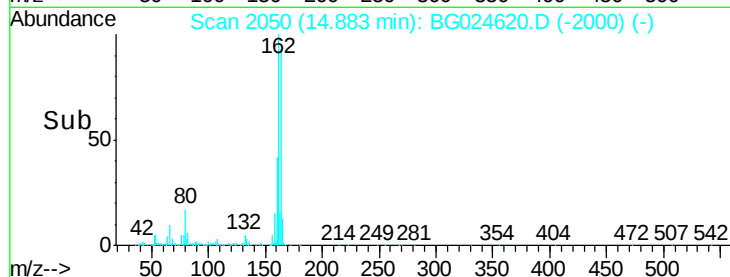
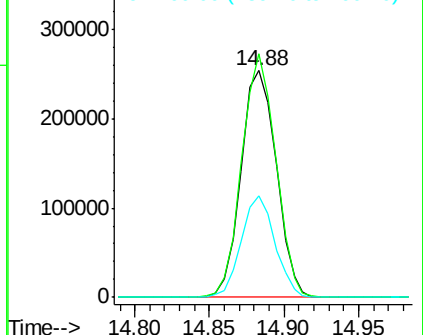
160 44.7 34.7 52.1



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: 10.95 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024620.D

Acq: 2 Nov 2016 9:35

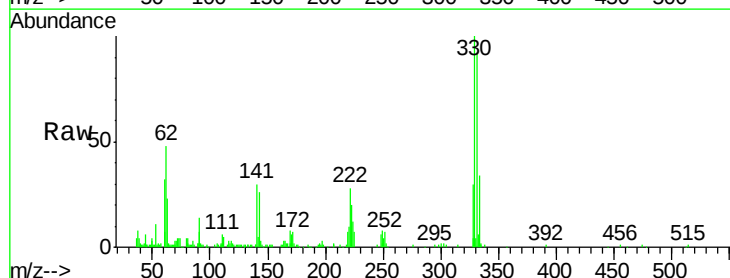
Tgt Ion:330 Resp: 68119

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

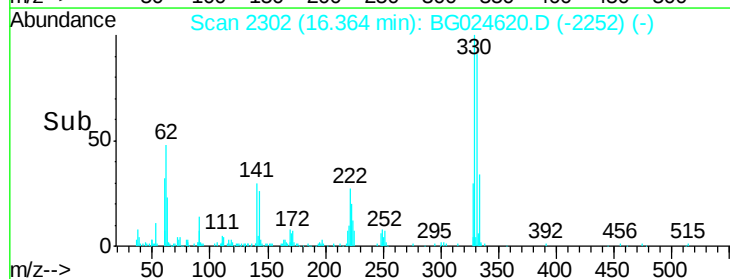
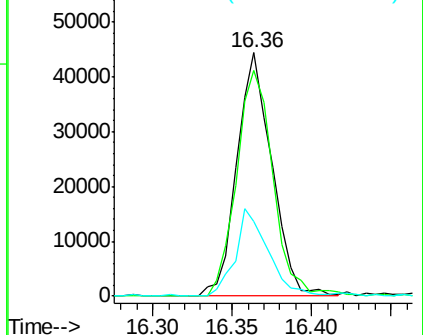
141 33.1 32.1 48.1

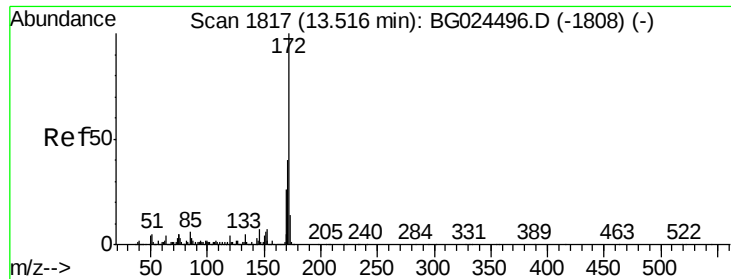


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

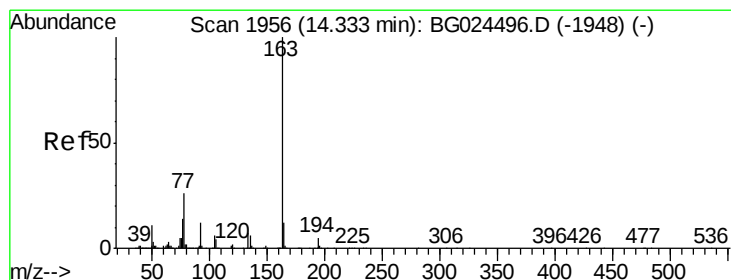
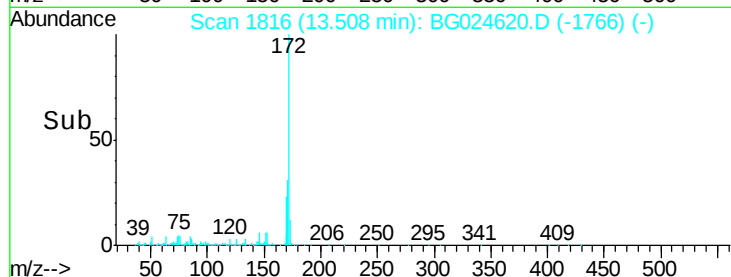
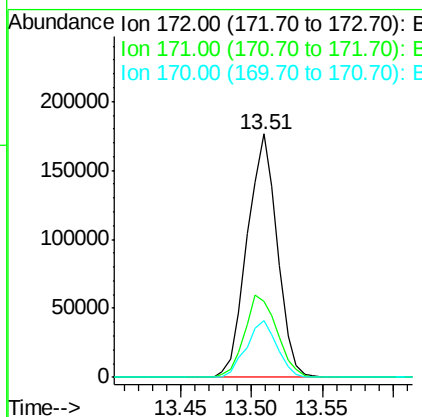
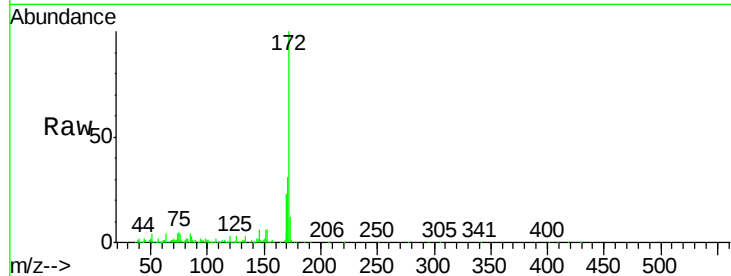




#44
2-Fluorobiphenyl
Concen: 10.55 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024620.D
Acq: 2 Nov 2016 9:35

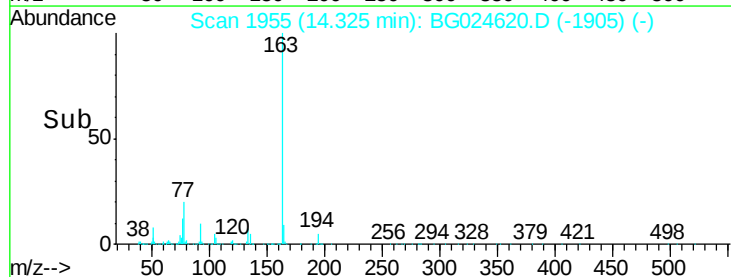
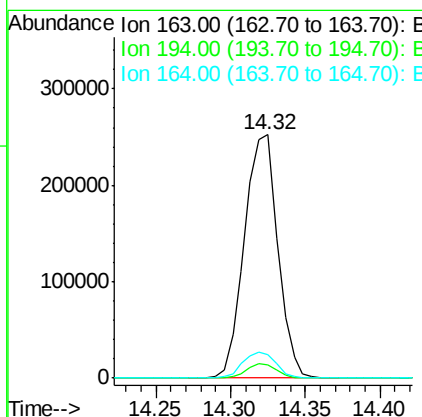
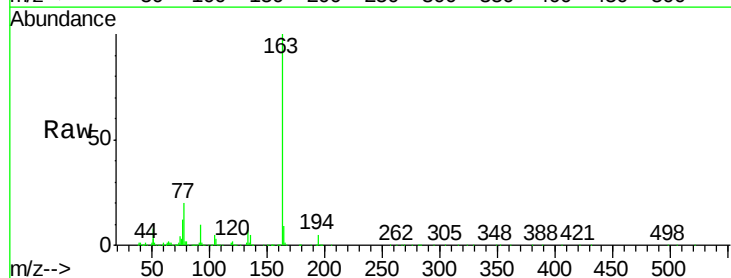
Instrument :
BNA_G
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14B(1-4)-COMP

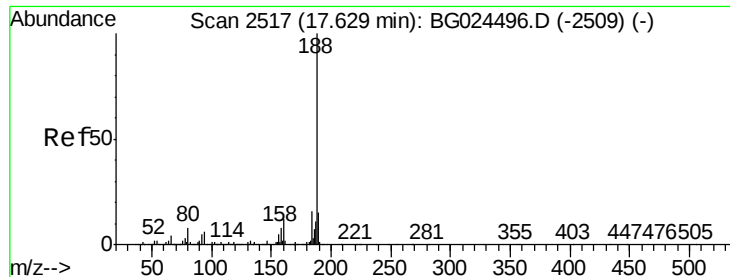
Tot Ion:172 Resp: 264531
Ion Ratio Lower Upper
172 100
171 31.2 32.2 48.2#
170 23.1 21.8 32.6



#49
Dimethylphthalate
Concen: 13.23 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024620.D
Acq: 2 Nov 2016 9:35

Tgt Ion:163 Resp: 391263
Ion Ratio Lower Upper
163 100
194 5.2 3.8 5.6
164 9.4 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024620.D

Acq: 2 Nov 2016 9:35

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

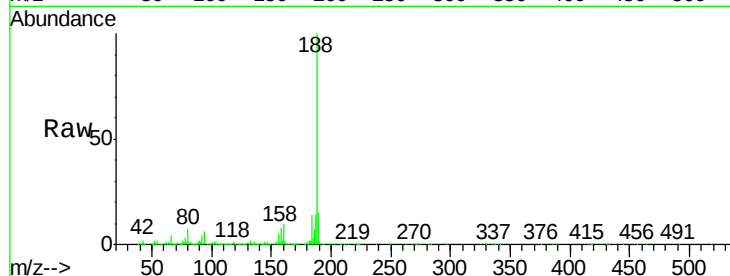
Tot Ion:188 Resp: 877070

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.8

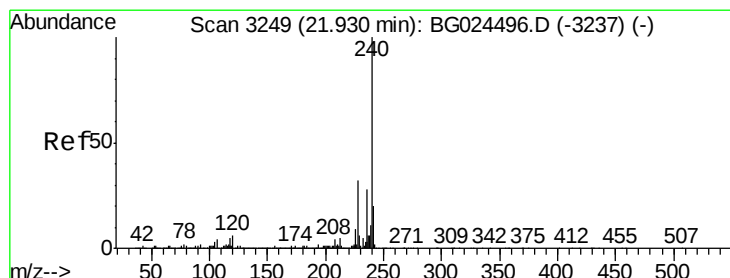
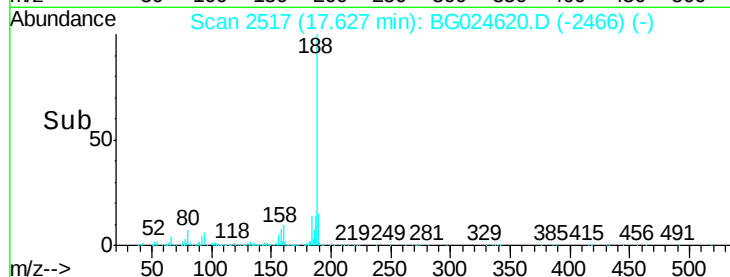
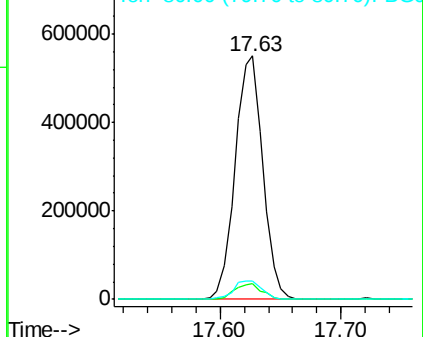
80 7.4 7.5 11.3#



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: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024620.D

Acq: 2 Nov 2016 9:35

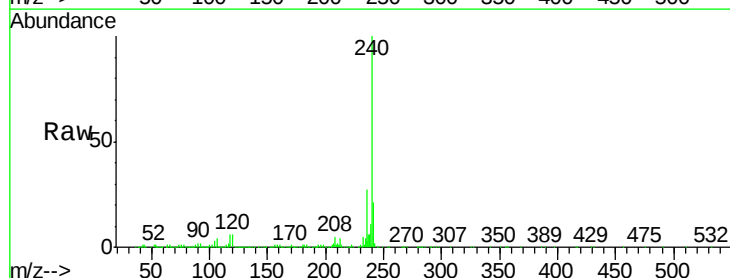
Tgt Ion:240 Resp: 1128528

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

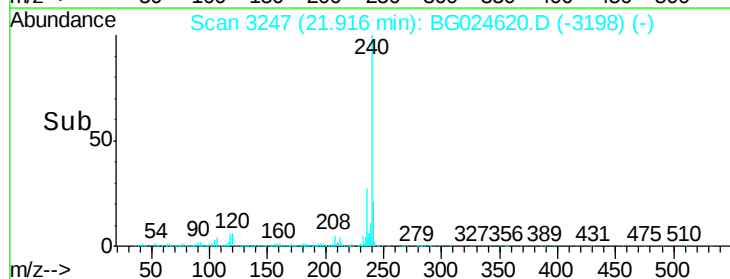
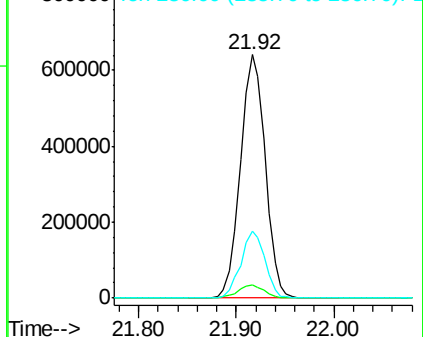
236 27.4 22.2 33.4

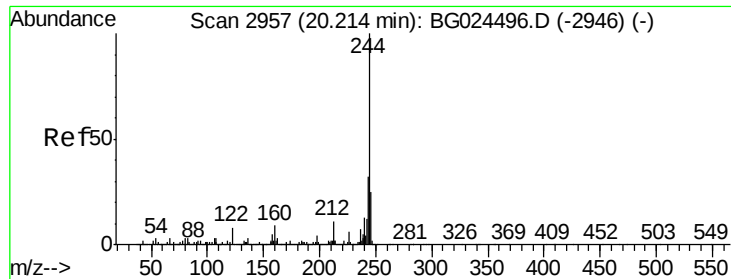


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 8.99 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024620.D

Acq: 2 Nov 2016 9:35

Instrument :

BNA_G

ClientSampleId :

14B(1-4)-COMP

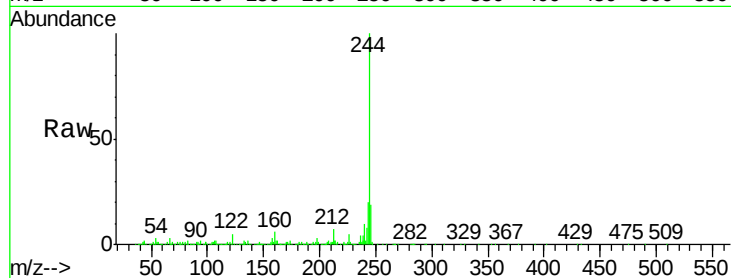
Tot Ion:244 Resp: 339471

Ion Ratio Lower Upper

244 100

212 7.0 10.0 15.0#

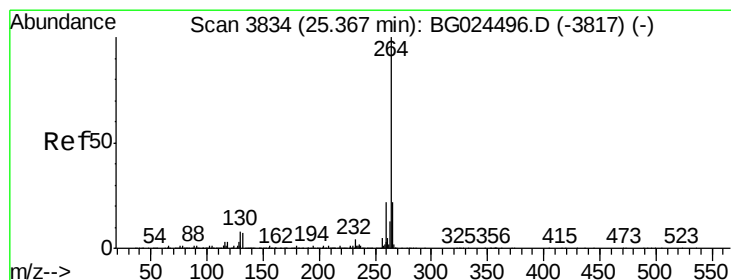
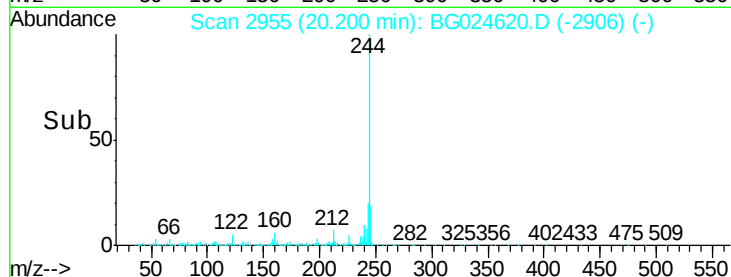
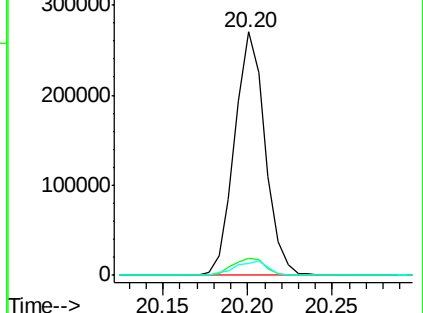
122 4.7 8.6 12.8#



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: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024620.D

Acq: 2 Nov 2016 9:35

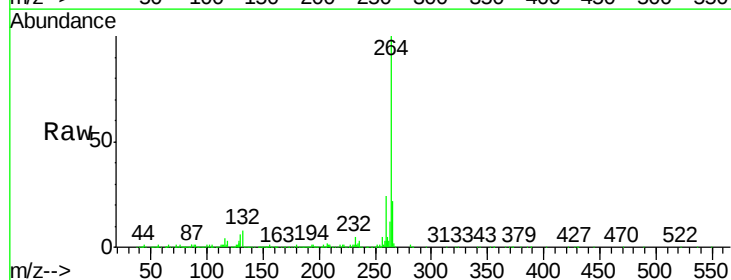
Tgt Ion:264 Resp: 1192821

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 22.4 18.2 27.4



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

