

Data File : BG025948.D
Acq On : 25 Feb 2017 1:40
Operator : SJ/MA
Sample : I1973-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2-Y6E-SW

Quant Time: Feb 25 02:29:26 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	88315	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	421463	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	288946	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	781540	20.00	ng	0.00
75) Chrysene-d12	21.66	240	818421	20.00	ng	-0.02
86) Perylene-d12	24.87	264	801778	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	883302	174.13	ng	0.00
7) Phenol-d6	7.24	99	1275338	169.90	ng	0.00
23) Nitrobenzene-d5	9.24	82	679726	101.78	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	600499	224.94	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1722558	104.17	ng	0.00
78) Terphenyl-d14	20.01	244	2450606	72.83	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	81691	10.01	ng	77
49) Dimethylphthalate	14.13	163	600844	30.31	ng	97

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

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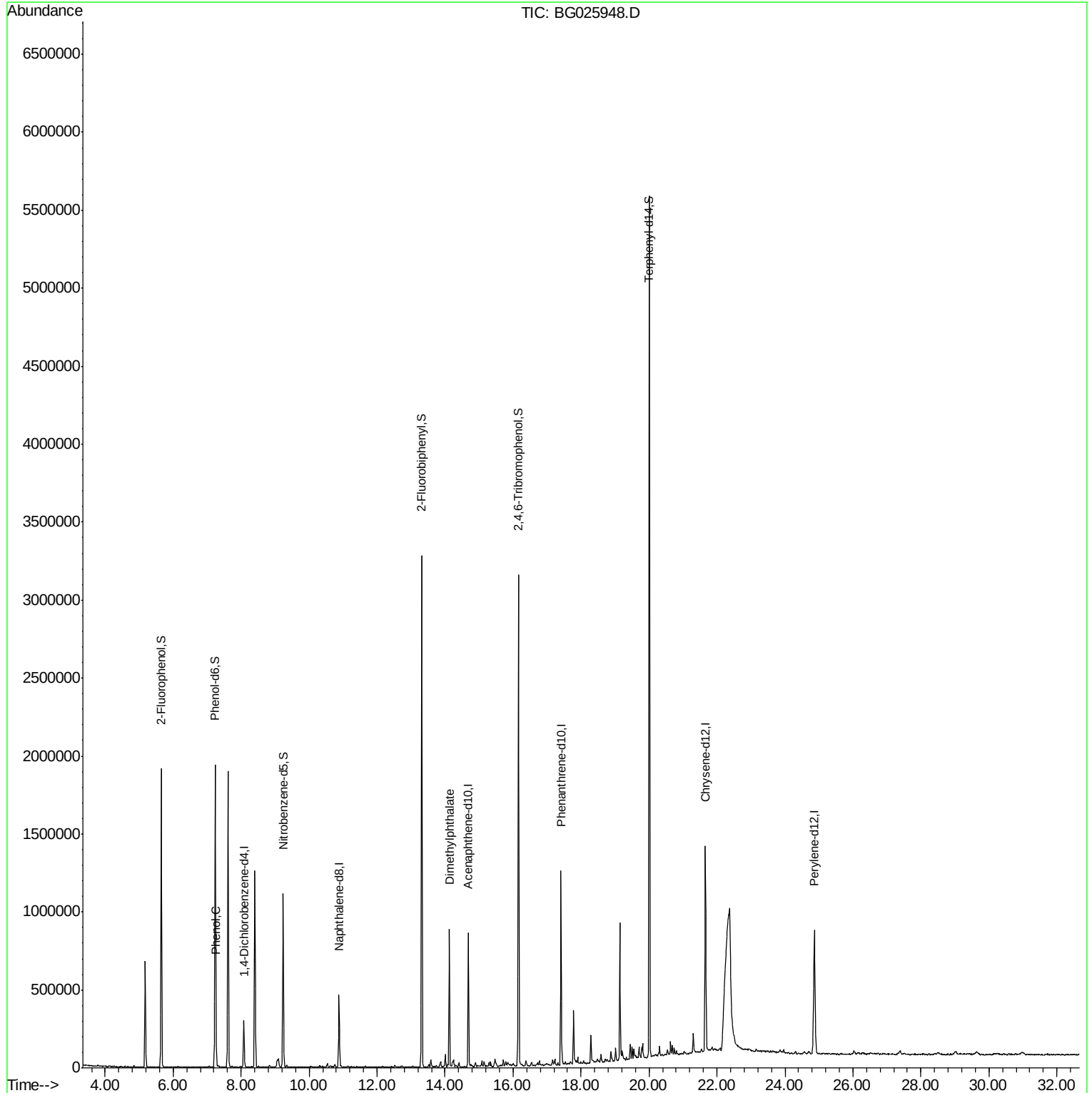
Quant Time: Feb 25 02:29:26 2017

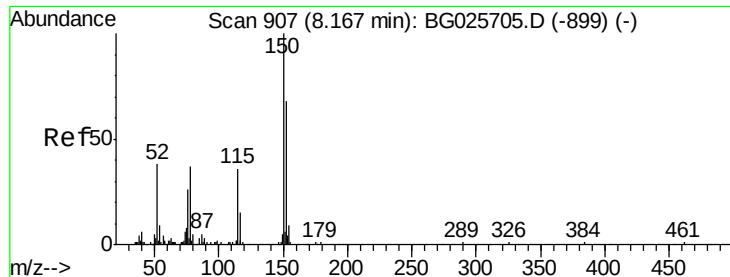
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 15:48:21 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

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Instrument :

BNA_G

ClientSampleId :

E2-Y6E-SW

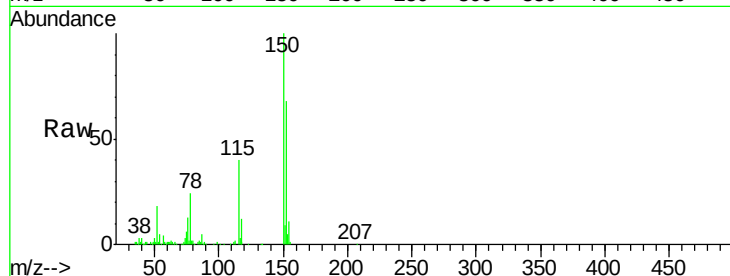
Tgt Ion:152 Resp: 88315

Ion Ratio Lower Upper

152 100

150 147.8 114.0 171.0

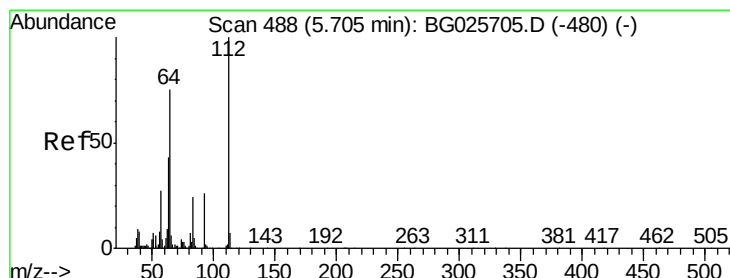
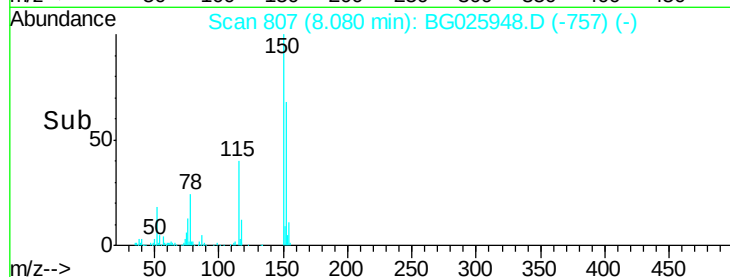
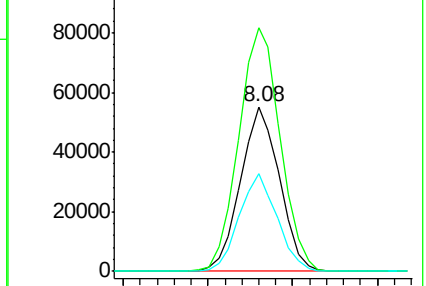
115 59.7 48.1 72.1



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: 174.13 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

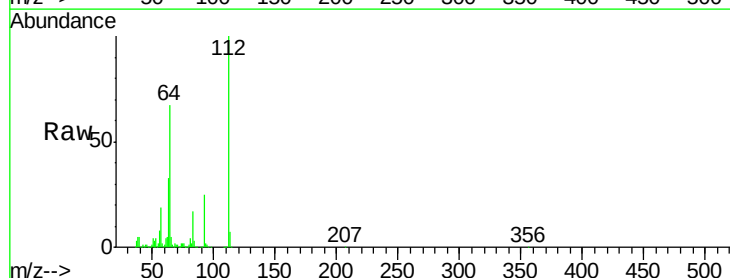
Tgt Ion:112 Resp: 883302

Ion Ratio Lower Upper

112 100

64 67.2 61.8 92.6

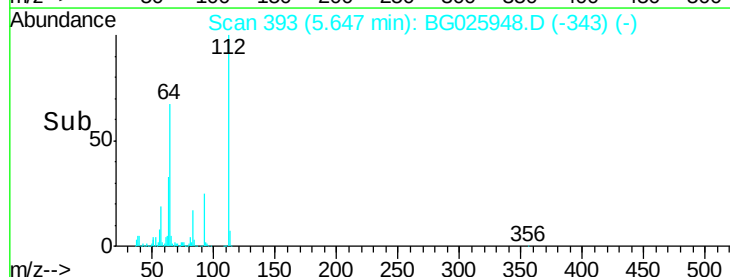
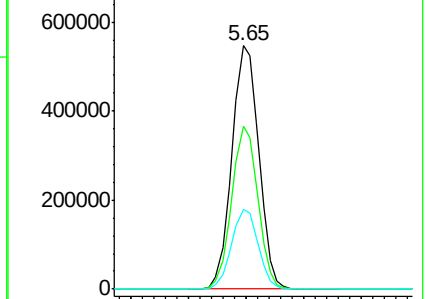
63 32.5 37.2 55.8#

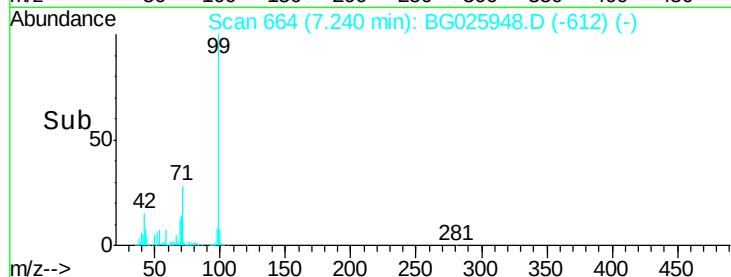
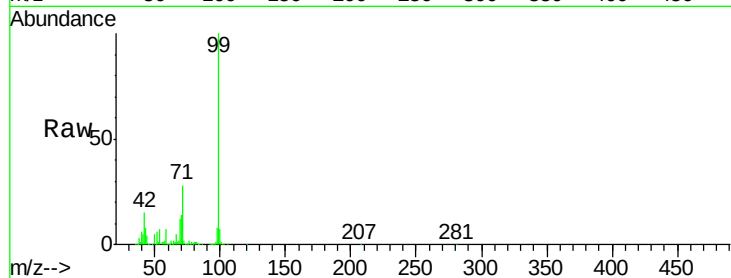
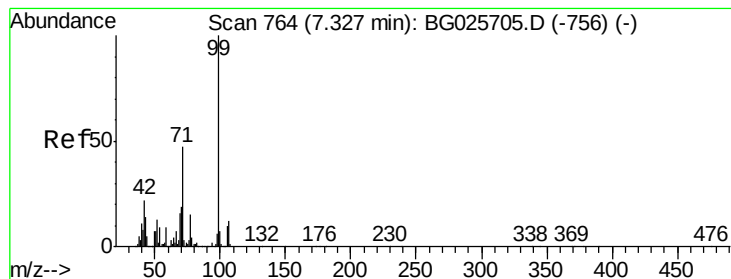


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 169.90 ng

RT: 7.24 min Scan# 664

Delta R.T. 0.00 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6E-SW

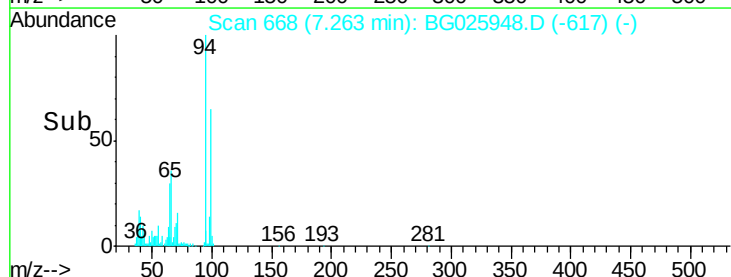
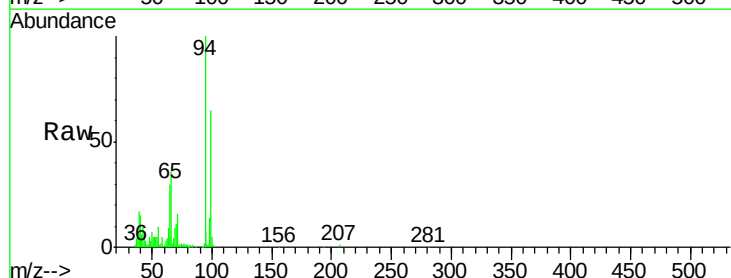
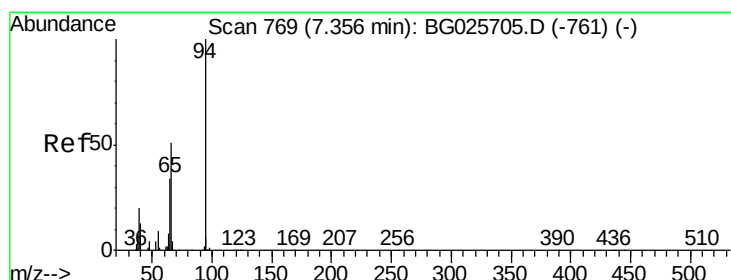
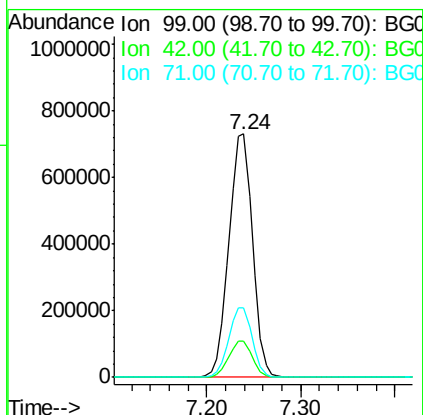
Tgt Ion: 99 Resp: 1275338

Ion Ratio Lower Upper

99 100

42 14.9 20.5 30.7#

71 28.5 37.6 56.4#



#10

Phenol

Concen: 10.01 ng

RT: 7.26 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

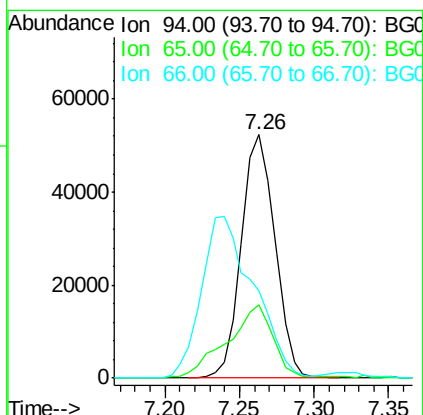
Tgt Ion: 94 Resp: 81691

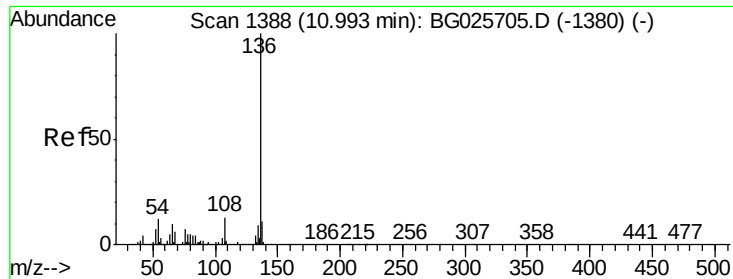
Ion Ratio Lower Upper

94 100

65 30.0 20.6 60.6

66 35.8 35.5 75.5

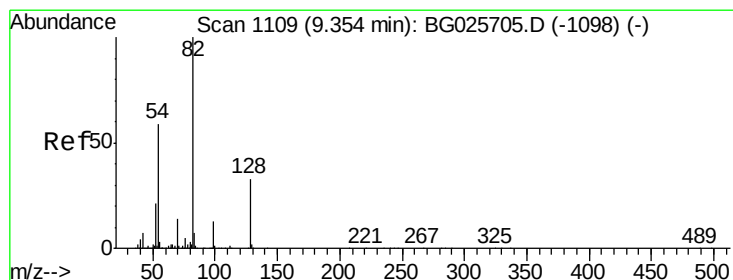
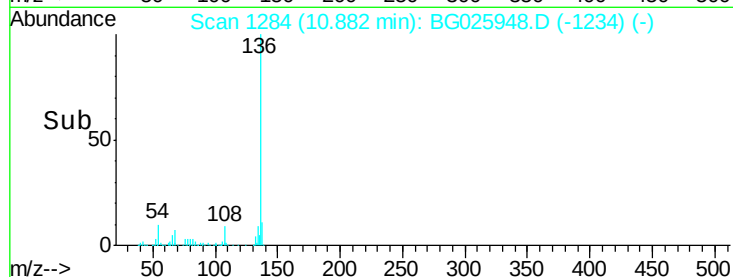
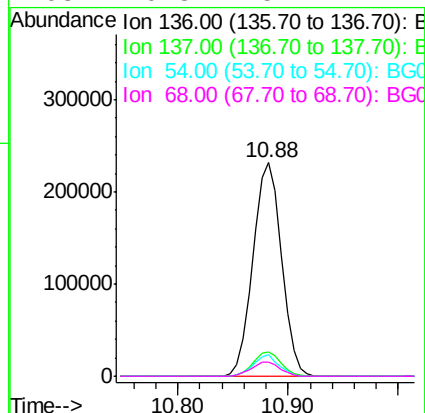
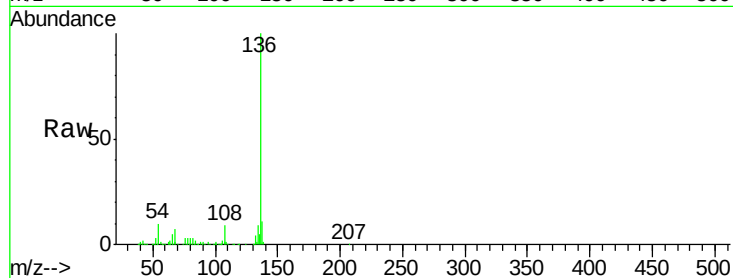




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025948.D
Acq: 25 Feb 2017 1:40

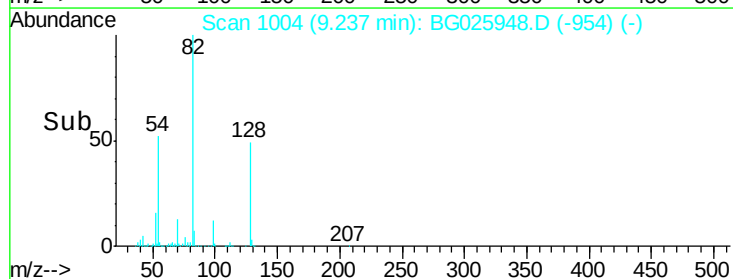
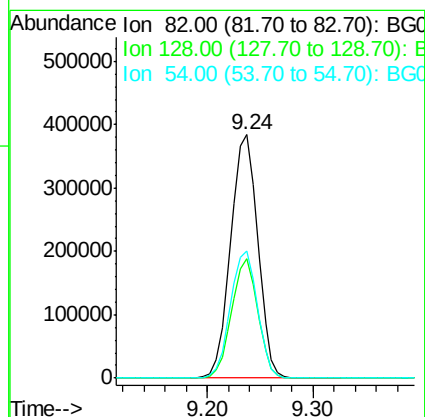
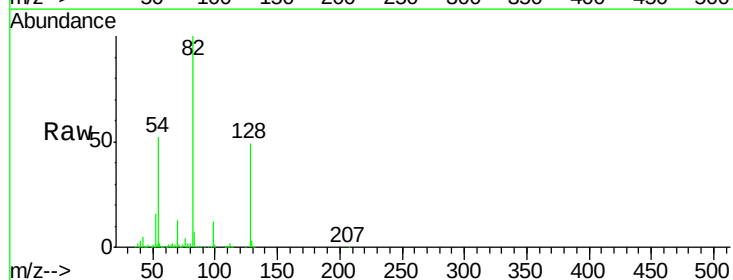
Instrument :
BNA_G
ClientSampleId :
E2-Y6E-SW

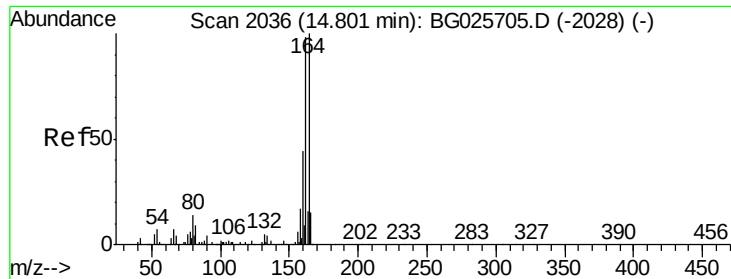
Tgt Ion:	136	Resp:	421463
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	9.3	13.9
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 101.78 ng
RT: 9.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG025948.D
Acq: 25 Feb 2017 1:40

Tgt Ion:	82	Resp:	679726
Ion	Ratio	Lower	Upper
82	100		
128	49.1	26.4	39.6#
54	52.1	49.4	74.2

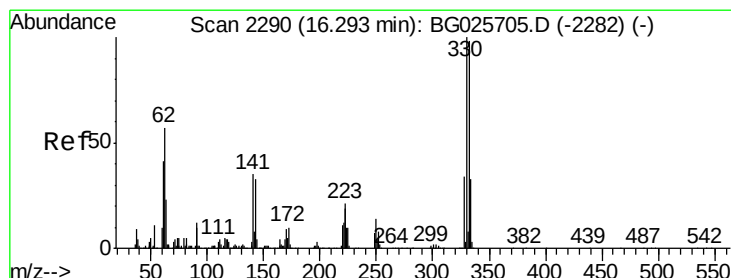
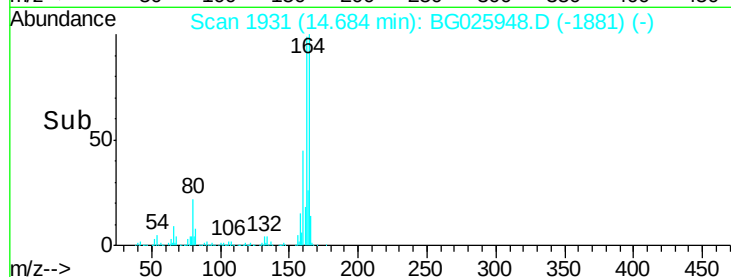
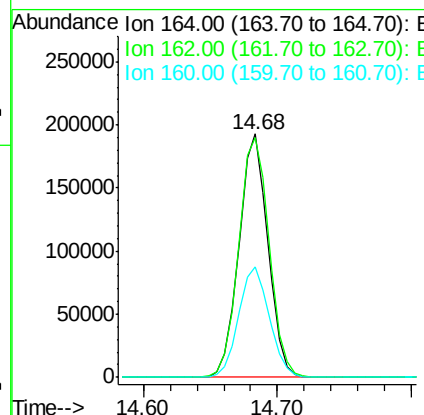
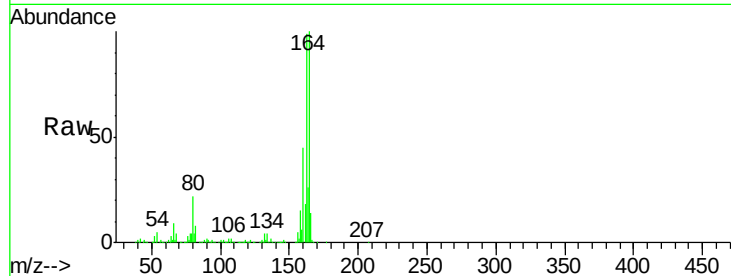




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG025948.D
 Acq: 25 Feb 2017 1:40

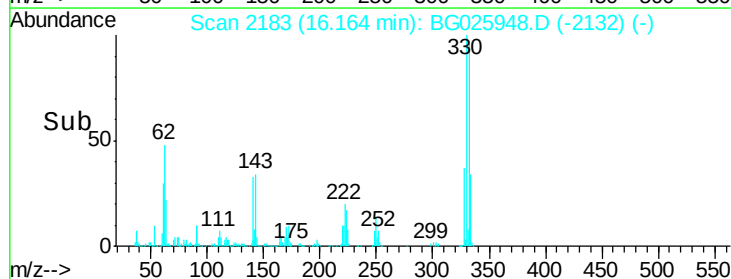
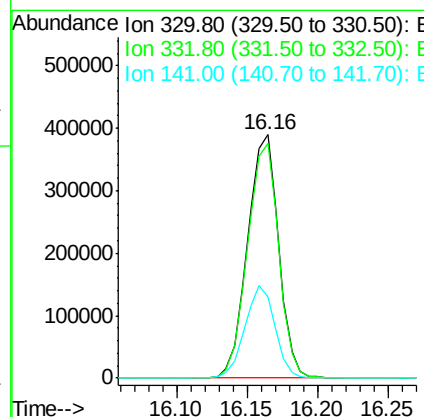
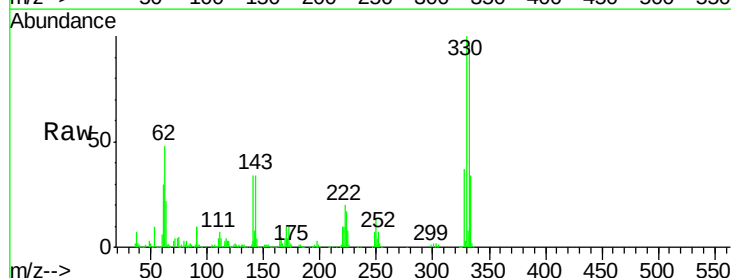
Instrument :
 BNA_G
 ClientSampleId :
 E2-Y6E-SW

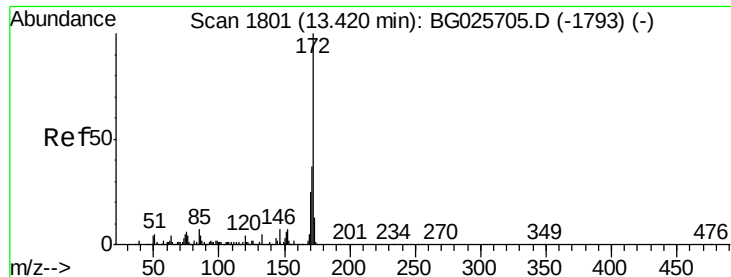
Tgt Ion:164 Resp: 288946
 Ion Ratio Lower Upper
 164 100
 162 98.6 85.1 127.7
 160 45.1 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 224.94 ng
 RT: 16.16 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BG025948.D
 Acq: 25 Feb 2017 1:40

Tgt Ion:330 Resp: 600499
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 36.9 32.1 48.1





#44

2-Fluorobiphenyl

Concen: 104.17 ng

RT: 13.31 min Scan# 1698

Delta R.T. -0.01 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6E-SW

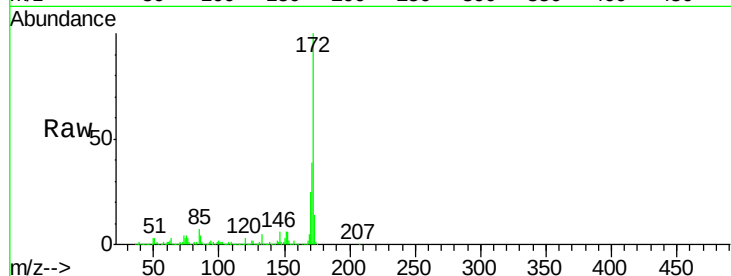
Tgt Ion:172 Resp: 1722558

Ion Ratio Lower Upper

172 100

171 39.3 32.2 48.2

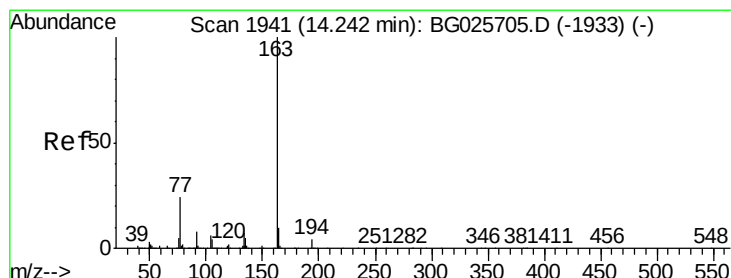
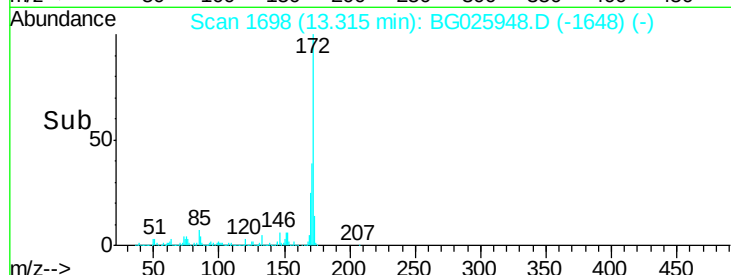
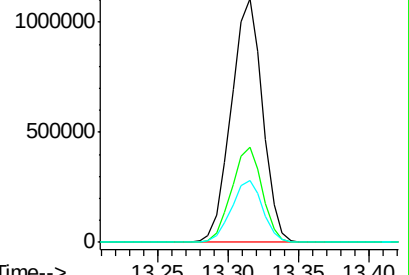
170 25.3 21.8 32.6



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: 30.31 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

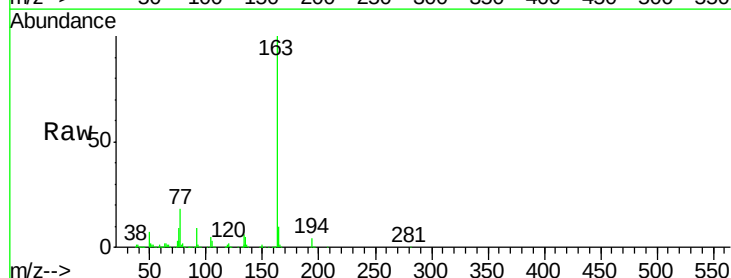
Tgt Ion:163 Resp: 600844

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

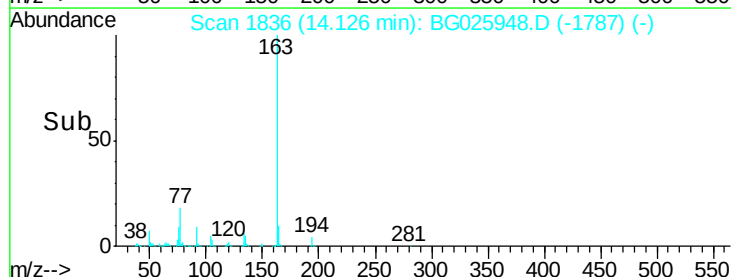
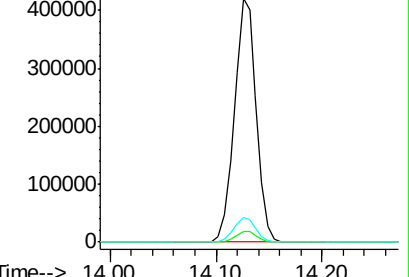
164 10.3 9.3 13.9

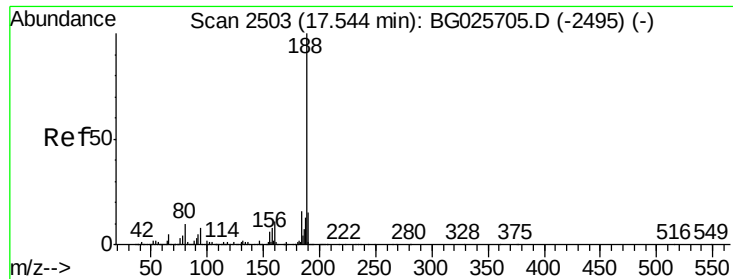


Abundance Ion 163.00 (162.70 to 163.70): E

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: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

Instrument :

BNA_G

ClientSampleId :

E2-Y6E-SW

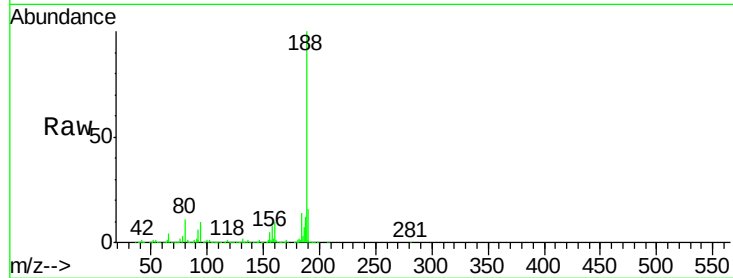
Tgt Ion:188 Resp: 781540

Ion Ratio Lower Upper

188 100

94 10.1 5.8 8.8#

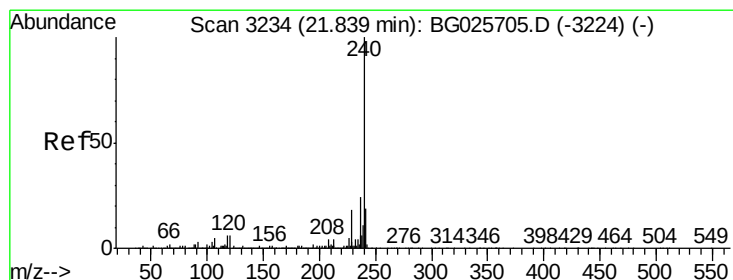
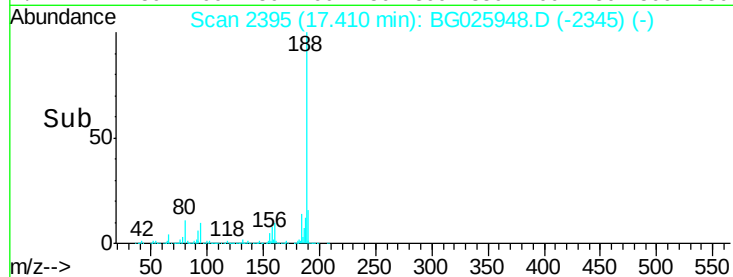
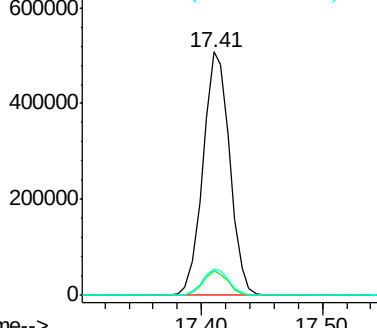
80 10.6 7.5 11.3



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: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

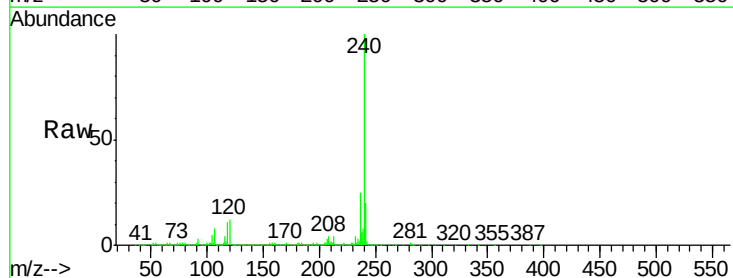
Tgt Ion:240 Resp: 818421

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

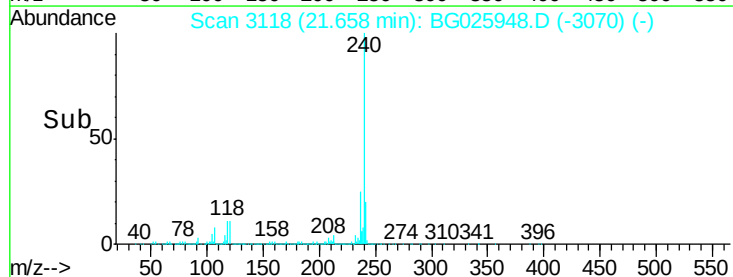
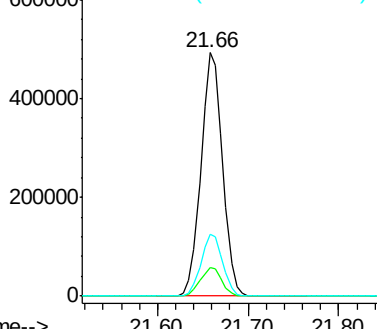
236 25.4 22.2 33.4

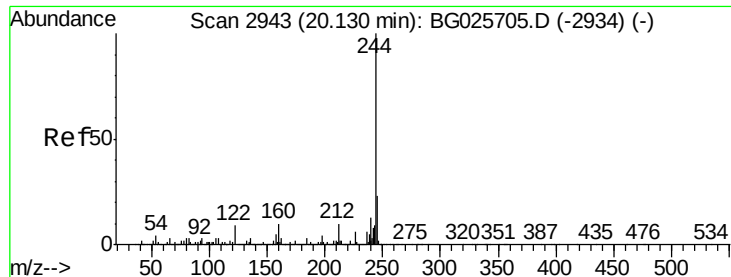


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.83 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025948.D

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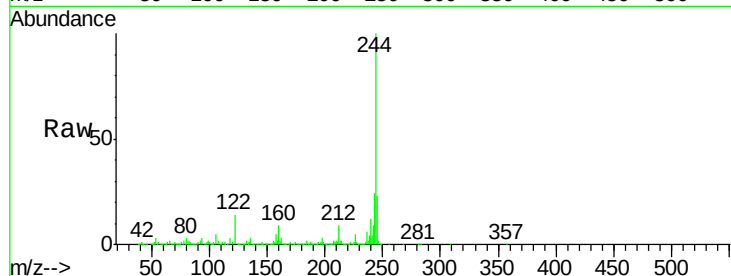
Tgt Ion:244 Resp: 2450606

Ion Ratio Lower Upper

244 100

212 8.7 10.0 15.0#

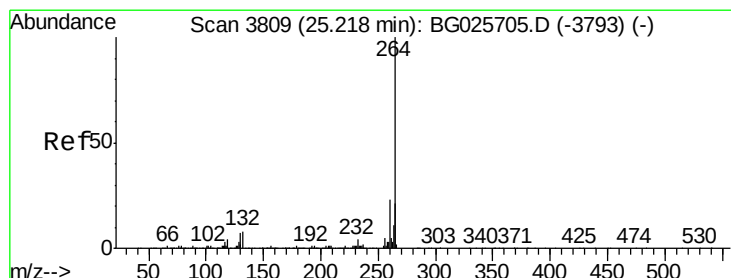
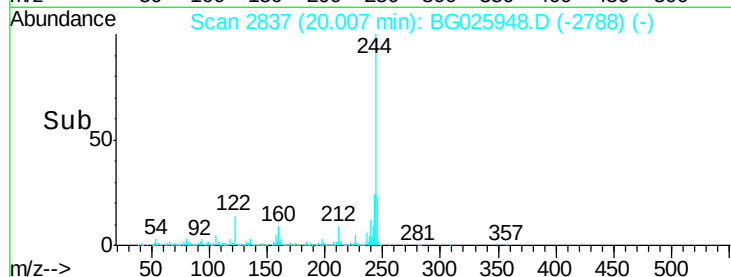
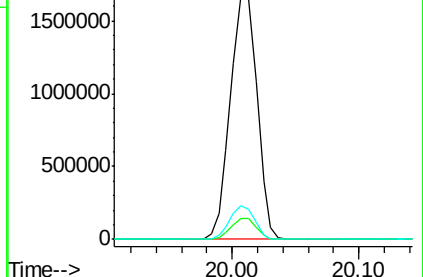
122 14.1 8.6 12.8#



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: 24.87 min Scan# 3664

Delta R.T. -0.02 min

Lab File: BG025948.D

Acq: 25 Feb 2017 1:40

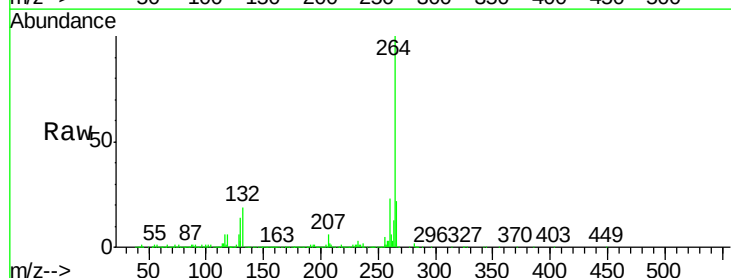
Tgt Ion:264 Resp: 801778

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.6 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

