

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024588.D
 Acq On : 1 Nov 2016 12:07
 Operator : UM/SJ
 Sample : H5478-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SD-5

Quant Time: Nov 01 13:32:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

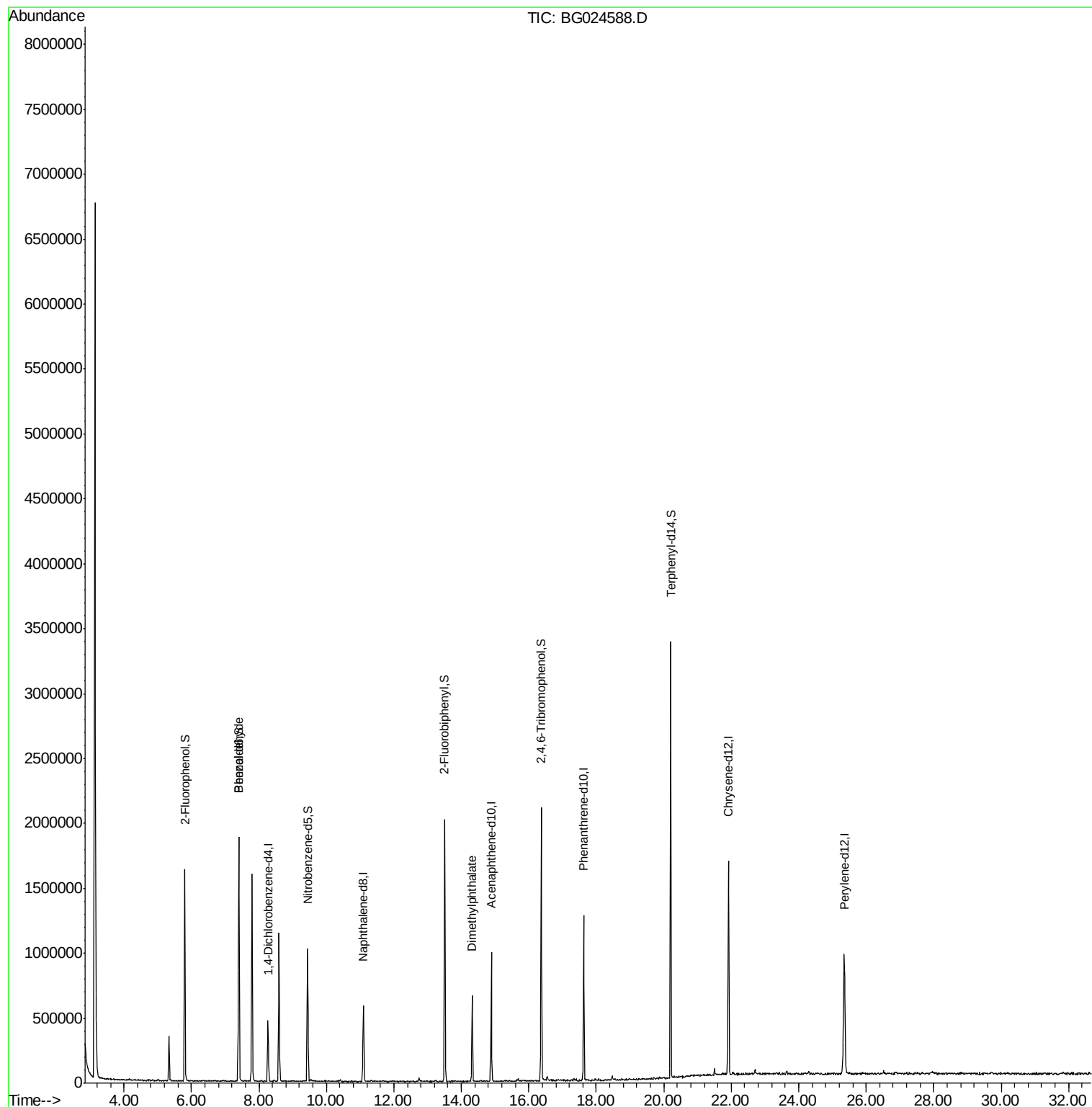
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	126461	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	477025	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	371310	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	798887	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1098192	20.00	ng	0.00
86) Perylene-d12	25.35	264	1120545	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	646900	83.84	ng	0.00
7) Phenol-d6	7.41	99	913927	86.35	ng	0.00
23) Nitrobenzene-d5	9.44	82	644239	61.49	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	437075	78.79	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1056798	47.31	ng	0.00
78) Terphenyl-d14	20.20	244	1490212	40.55	ng	0.00
Target Compounds						
9) Benzaldehyde	7.40	77	84758	12.96	ng	95
49) Dimethylphthalate	14.32	163	406067	15.40	ng	98

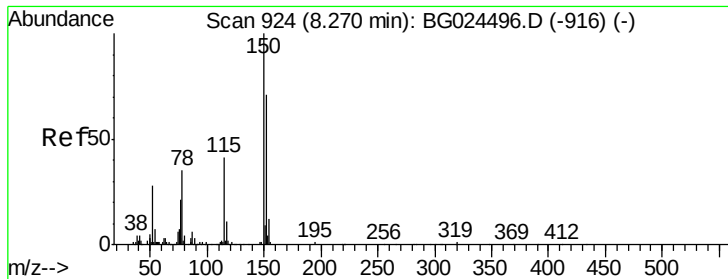
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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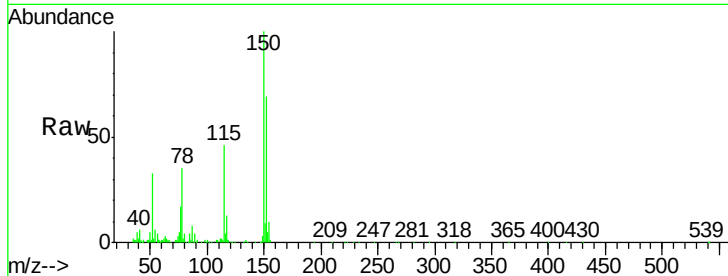


#1

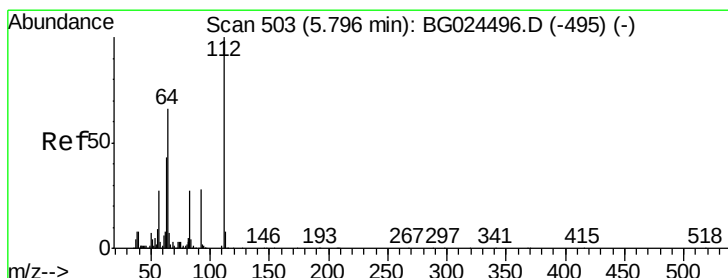
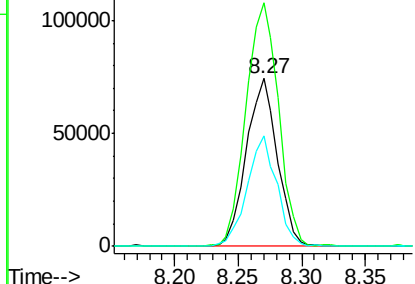
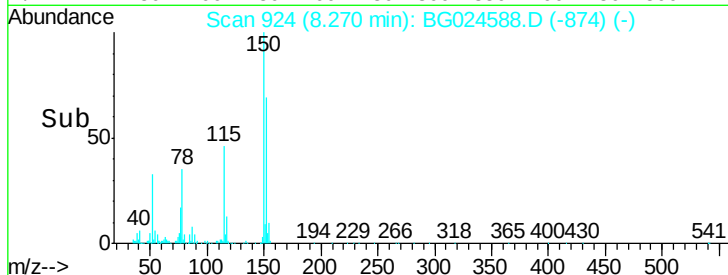
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Instrument :
BNA_G
ClientSampleId :
SD-5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.2	114.0	171.0
115	66.2	48.1	72.1



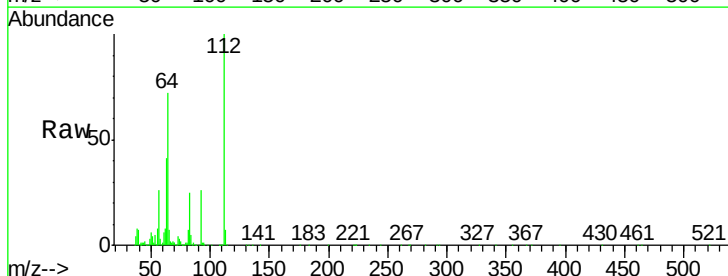
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



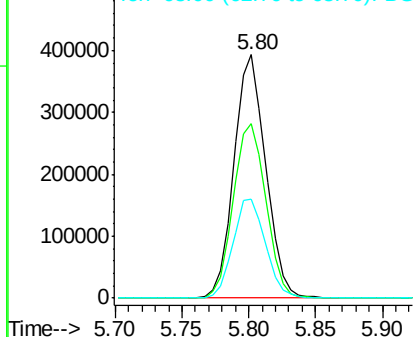
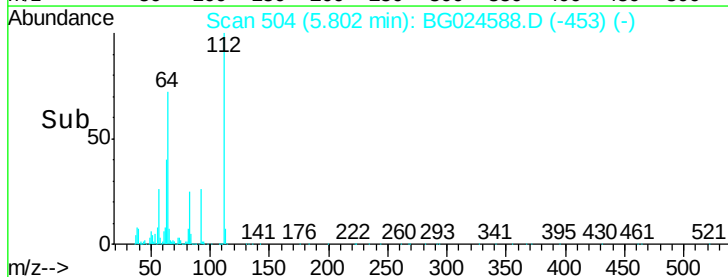
#5

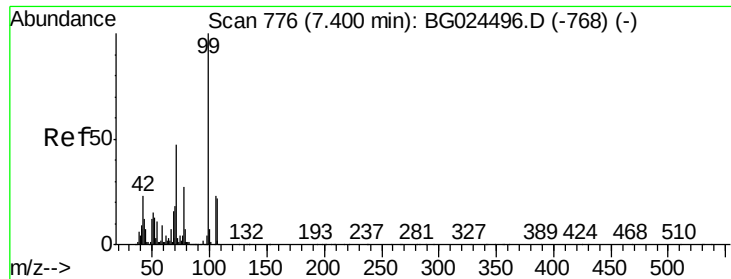
2-Fluorophenol
Concen: 83.84 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	61.8	92.6
63	40.5	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: 86.35 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024588.D

Acq: 1 Nov 2016 12:07

Instrument :

BNA_G

ClientSampleId :

SD-5

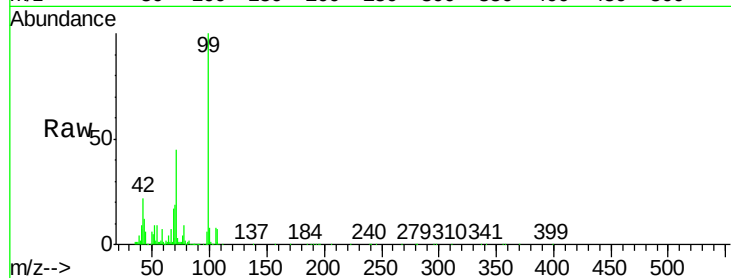
Tgt Ion: 99 Resp: 913927

Ion Ratio Lower Upper

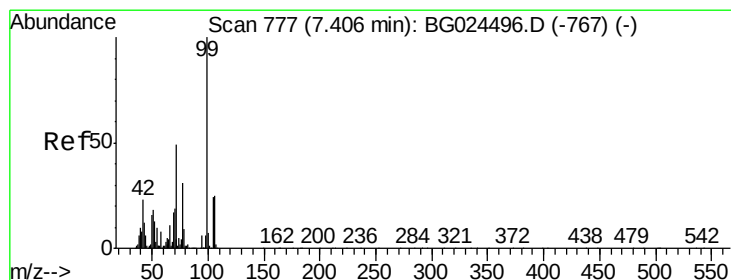
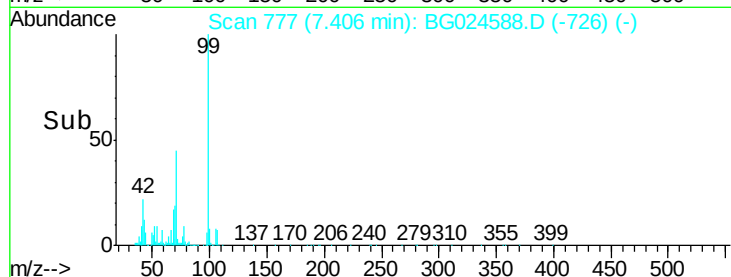
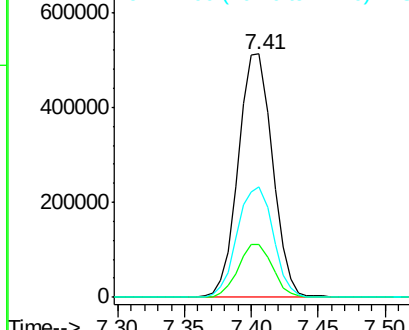
99 100

42 21.5 20.5 30.7

71 45.4 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



#9

Benzaldehyde

Concen: 12.96 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG024588.D

Acq: 1 Nov 2016 12:07

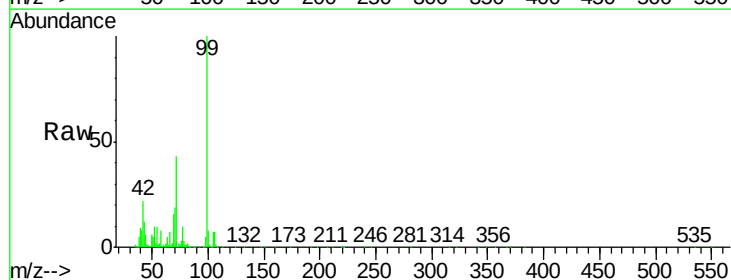
Tgt Ion: 77 Resp: 84758

Ion Ratio Lower Upper

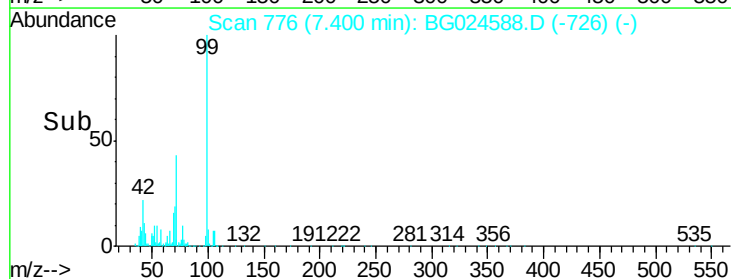
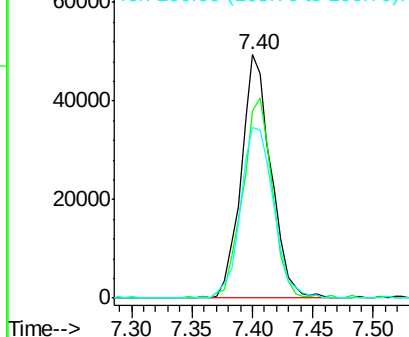
77 100

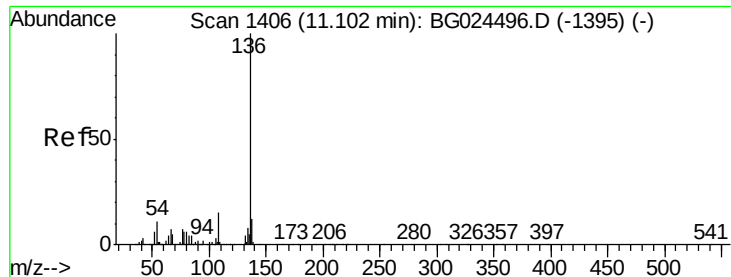
105 77.0 60.9 100.9

106 69.9 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024588.D

Acq: 1 Nov 2016 12:07

Instrument :

BNA_G

ClientSampleId :

SD-5

Tgt Ion: 136 Resp: 477025

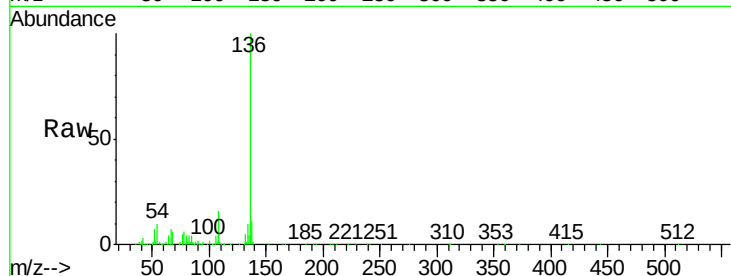
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.9 9.3 13.9

68 6.5 5.1 7.7

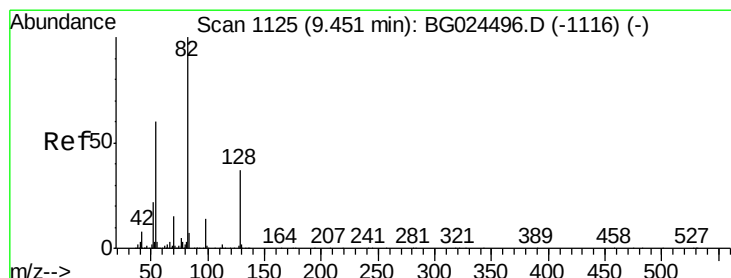
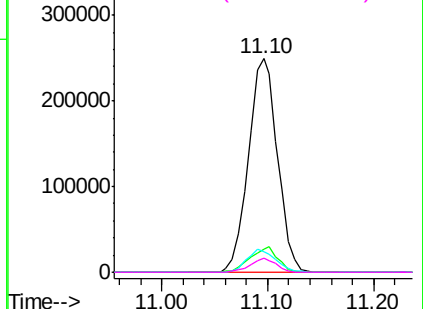
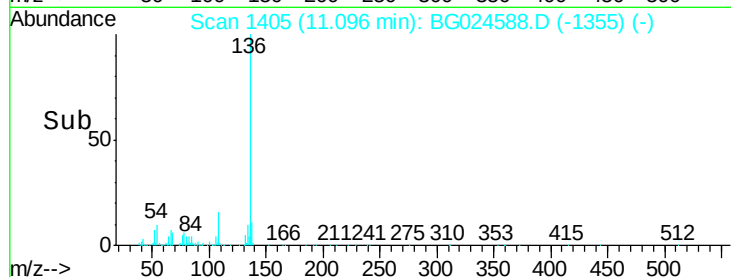


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.49 ng

RT: 9.44 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG024588.D

Acq: 1 Nov 2016 12:07

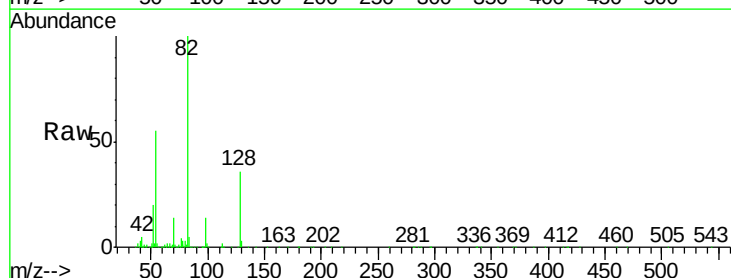
Tgt Ion: 82 Resp: 644239

Ion Ratio Lower Upper

82 100

128 35.7 26.4 39.6

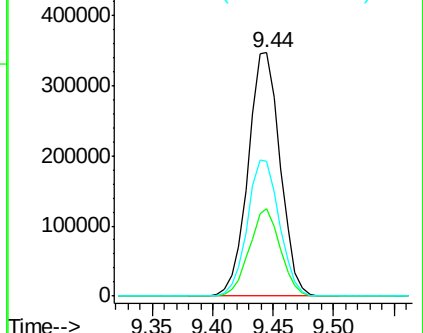
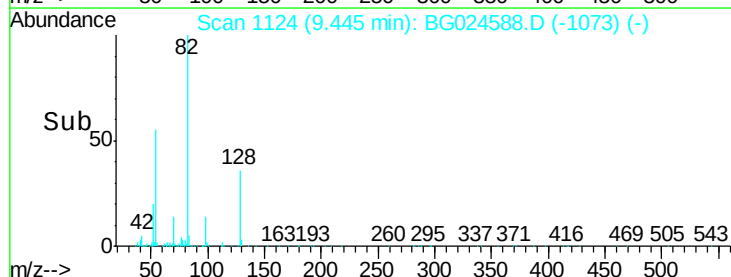
54 55.2 49.4 74.2

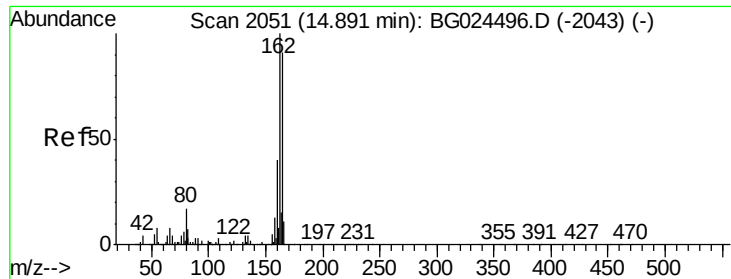


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.89 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG024588.D

Acq: 1 Nov 2016 12:07

Instrument :

BNA_G

ClientSampleId :

SD-5

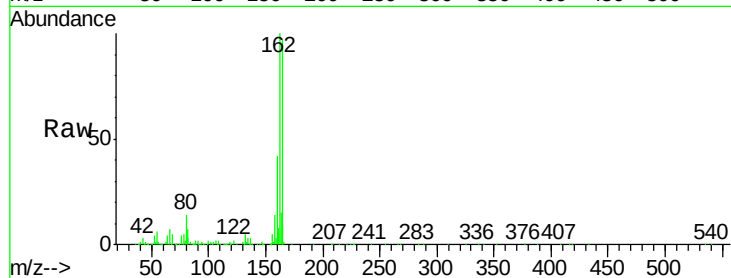
Tgt Ion:164 Resp: 371310

Ion Ratio Lower Upper

164 100

162 102.7 85.1 127.7

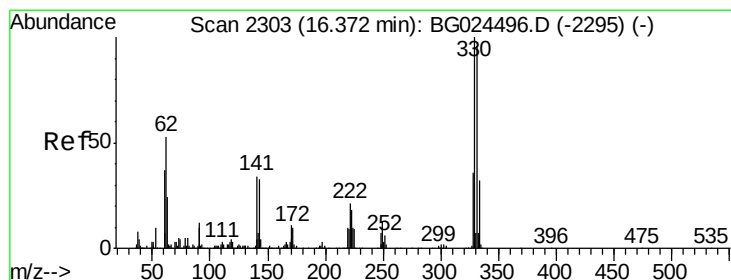
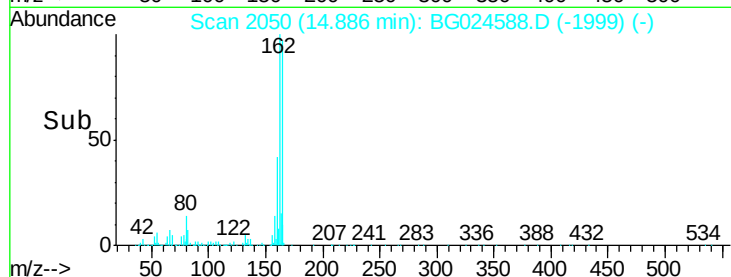
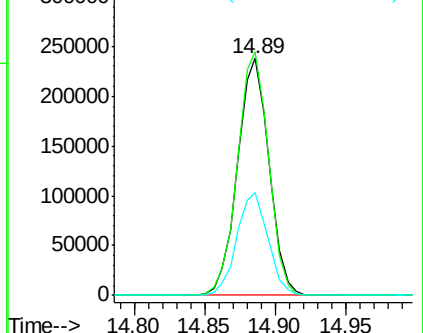
160 43.3 34.7 52.1



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: 78.79 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024588.D

Acq: 1 Nov 2016 12:07

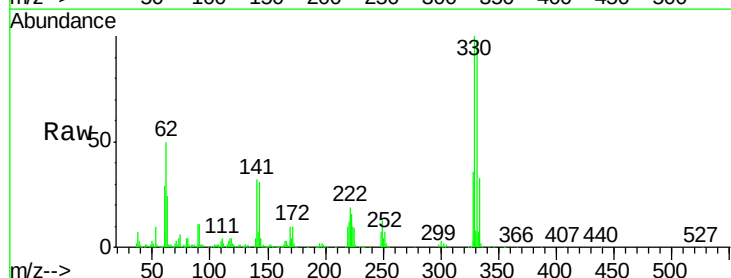
Tgt Ion:330 Resp: 437075

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

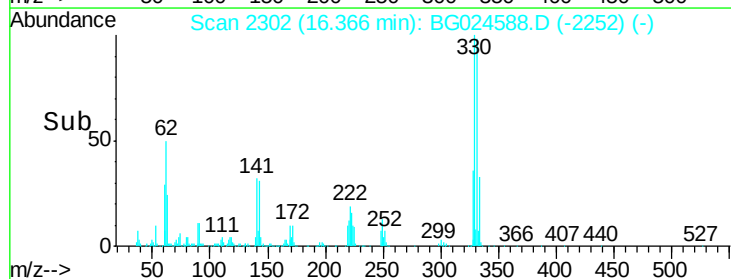
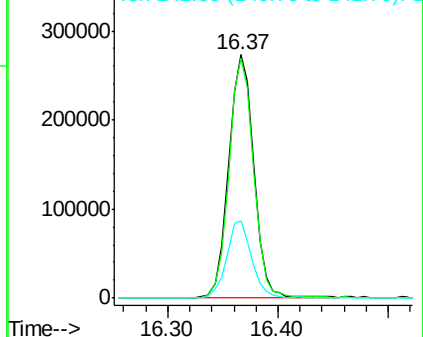
141 31.3 32.1 48.1#

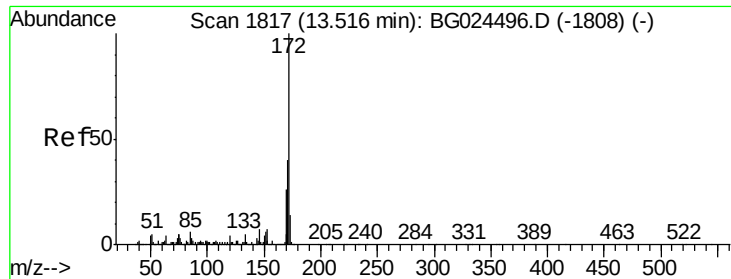


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 47.31 ng

RT: 13.51 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BG024588.D

Acq: 1 Nov 2016 12:07

Instrument :

BNA_G

ClientSampleId :

SD-5

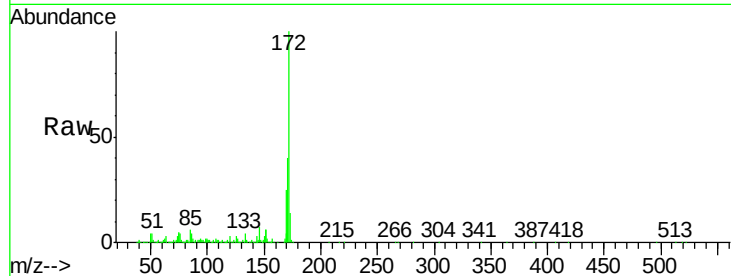
Tgt Ion:172 Resp: 1056798

Ion Ratio Lower Upper

172 100

171 40.3 32.2 48.2

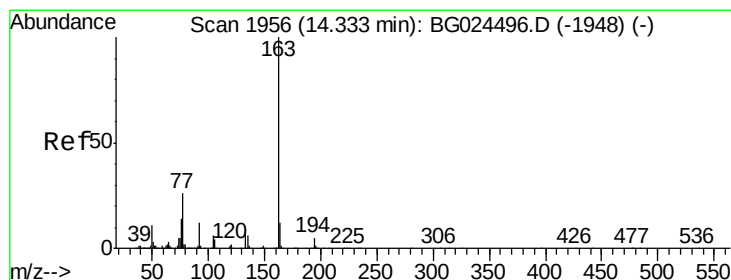
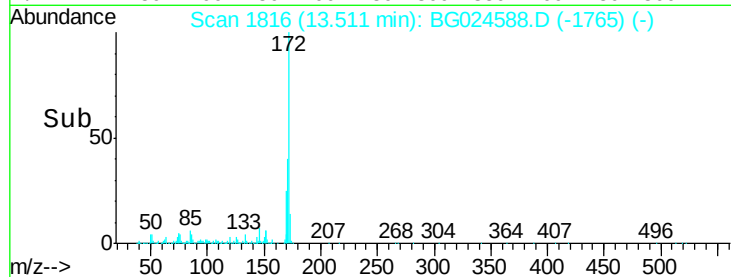
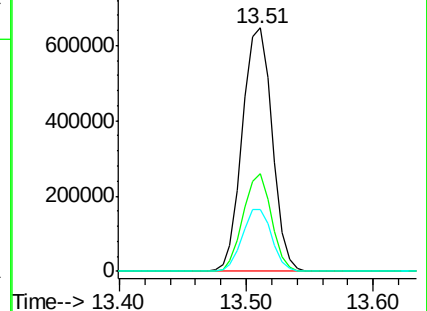
170 25.4 21.8 32.6



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: 15.40 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024588.D

Acq: 1 Nov 2016 12:07

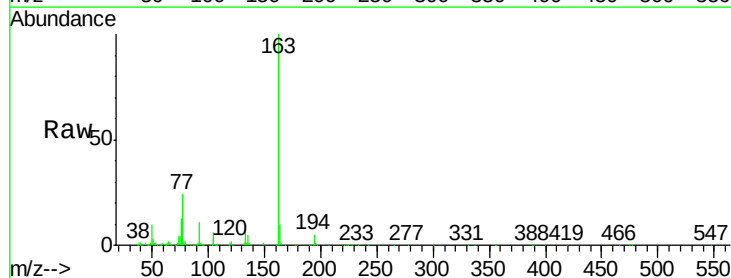
Tgt Ion:163 Resp: 406067

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

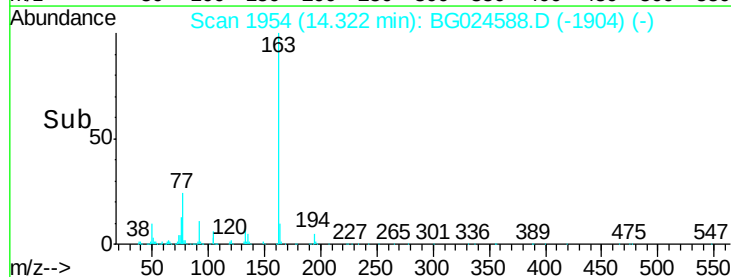
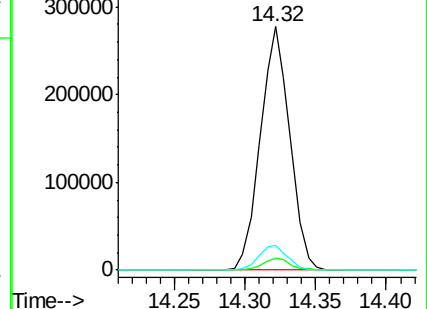
164 10.4 9.3 13.9

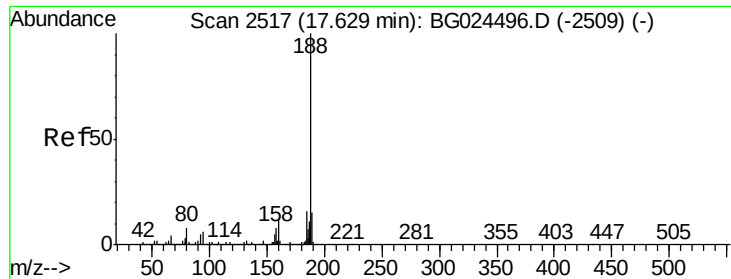


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

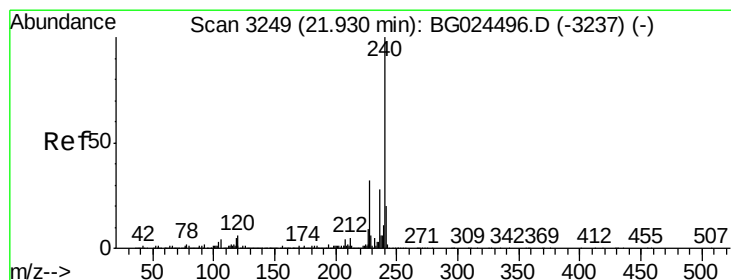
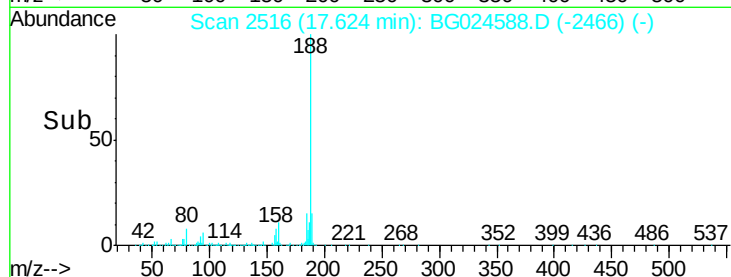
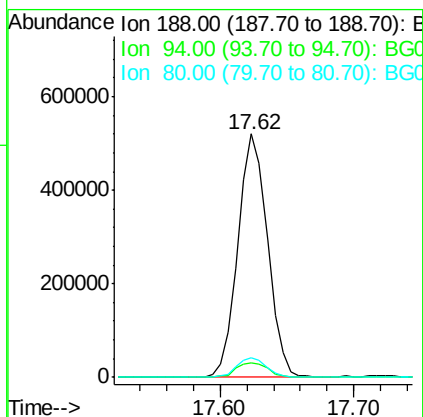
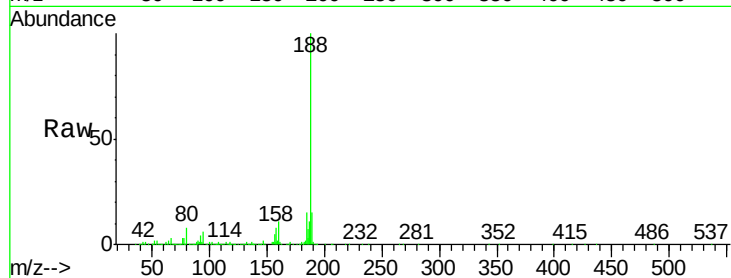




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

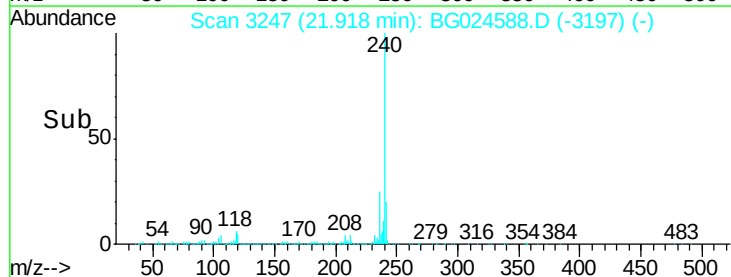
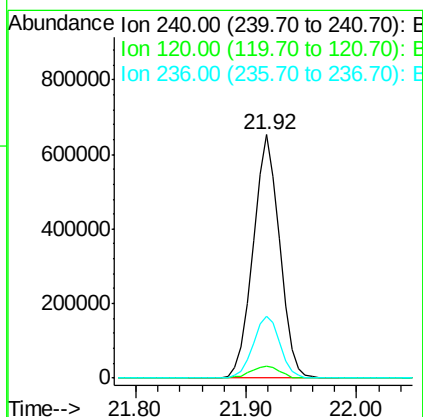
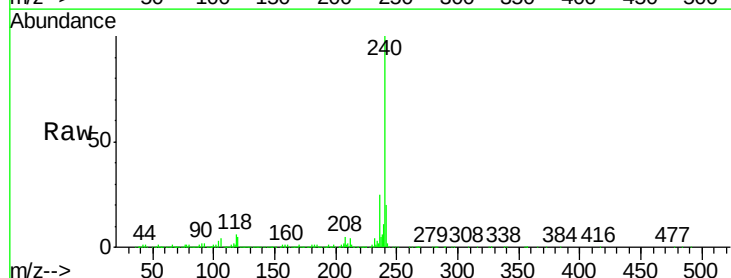
Instrument :
BNA_G
ClientSampleId :
SD-5

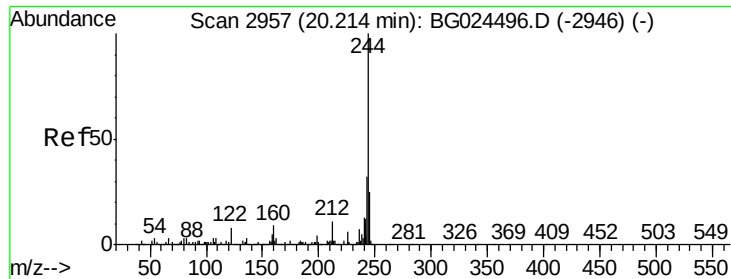
Tgt Ion:188 Resp: 798887
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 8.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Tgt Ion:240 Resp: 1098192
Ion Ratio Lower Upper
240 100
120 5.0 5.7 8.5#
236 25.5 22.2 33.4





#78

Terphenyl-d14

Concen: 40.55 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024588.D

Acq: 1 Nov 2016 12:07

Instrument :

BNA_G

ClientSampled :

SD-5

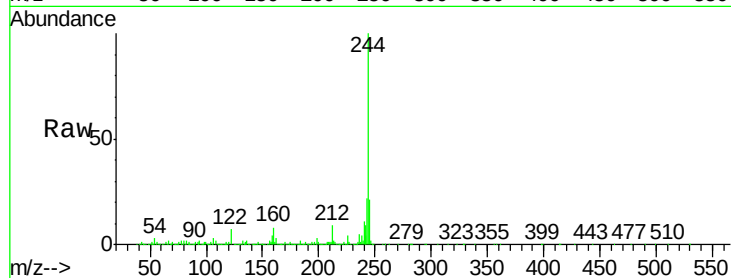
Tgt Ion:244 Resp: 1490212

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

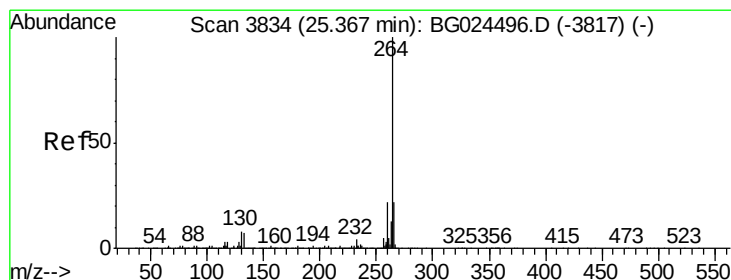
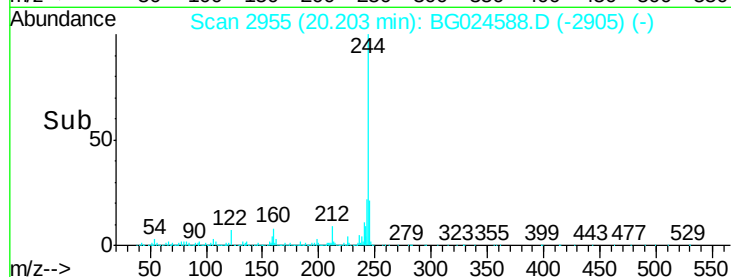
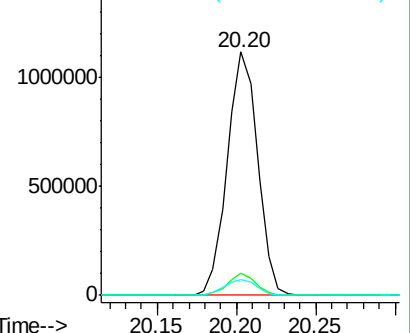
122 6.7 8.6 12.8#



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. -0.01 min

Lab File: BG024588.D

Acq: 1 Nov 2016 12:07

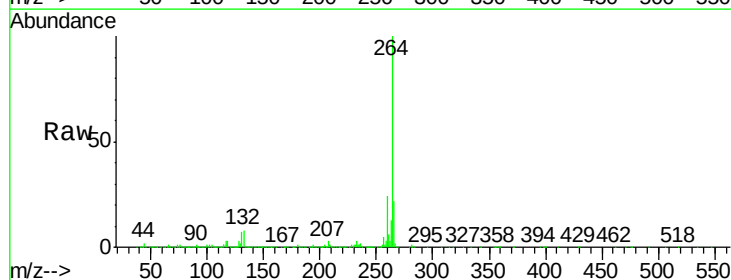
Tgt Ion:264 Resp: 1120545

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 21.9 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

