

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091117\
 Data File : BG028663.D
 Acq On : 12 Sep 2017 6:20
 Operator : SJ/JU
 Sample : I5123-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-28

Quant Time: Sep 12 06:59:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

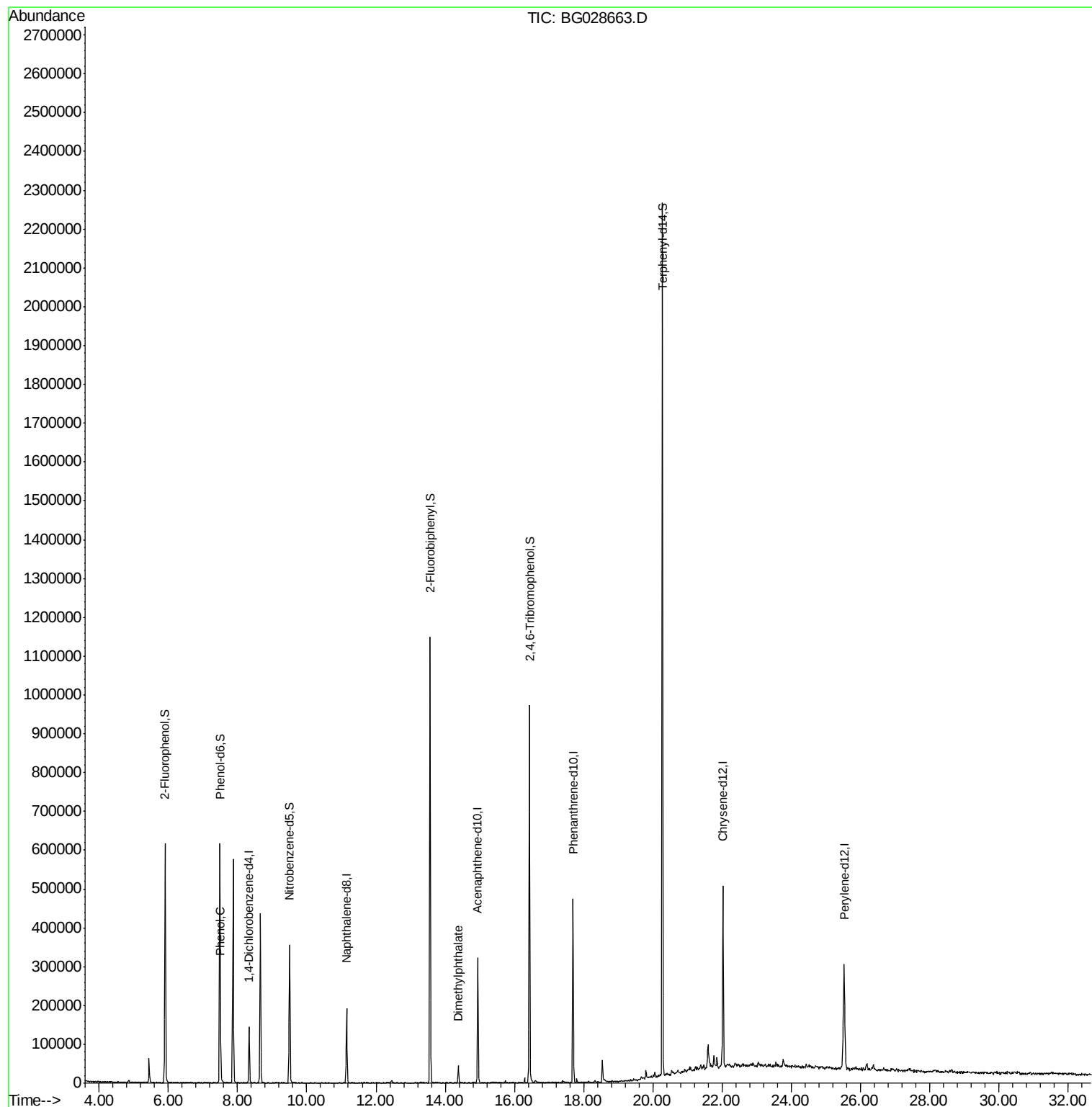
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	38572	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	157944	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	116721	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	303061	20.00	ng	0.00
75) Chrysene-d12	22.03	240	320565	20.00	ng	0.00
86) Perylene-d12	25.53	264	328993	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	256831	112.11	ng	0.00
7) Phenol-d6	7.49	99	363794	109.48	ng	0.00
23) Nitrobenzene-d5	9.50	82	230811	67.10	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	208949	117.78	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	607688	68.11	ng	0.00
78) Terphenyl-d14	20.28	244	1032513	69.40	ng	0.00
Target Compounds						
10) Phenol	7.51	94	11861	3.295	ng	88
49) Dimethylphthalate	14.38	163	28196	2.932	ng	98

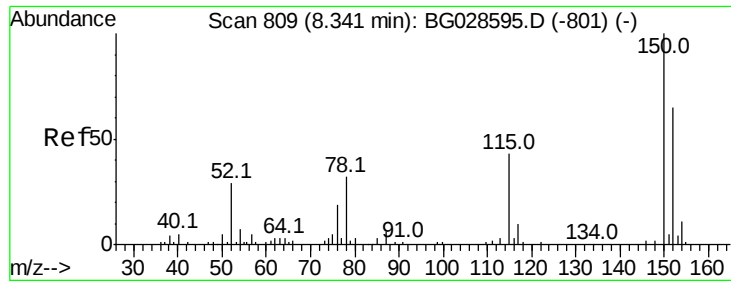
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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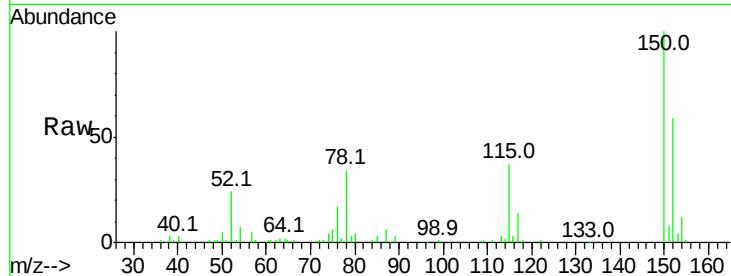


#1

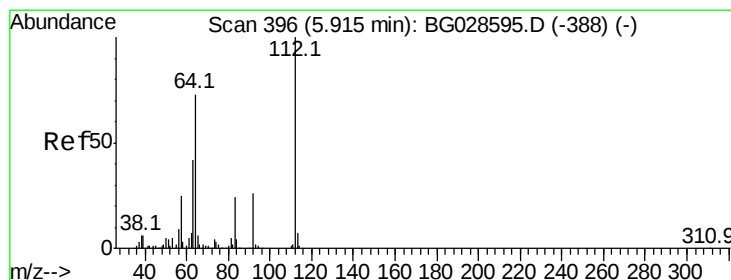
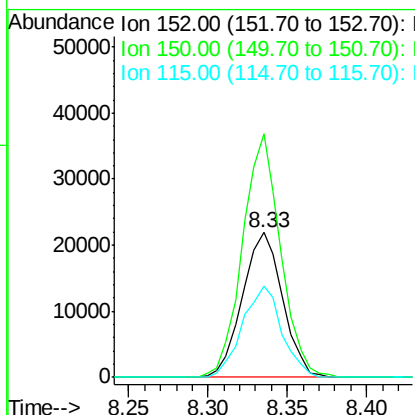
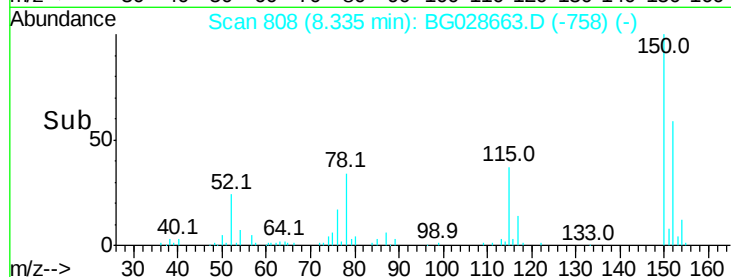
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028663.D
Acq: 12 Sep 2017 6:20

Instrument :
BNA_G
ClientSampled :
EP-28

Tot Ion:152 Resp: 38572
Ion Ratio Lower Upper
152 100
150 168.1 114.0 171.0
115 62.6 48.1 72.1



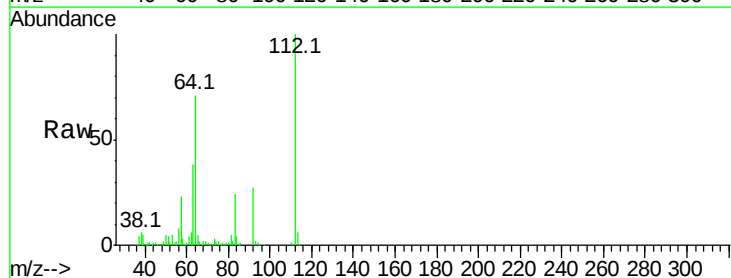
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



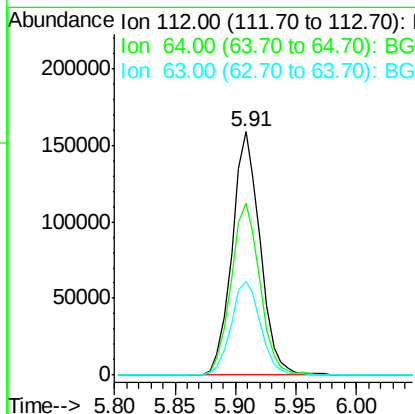
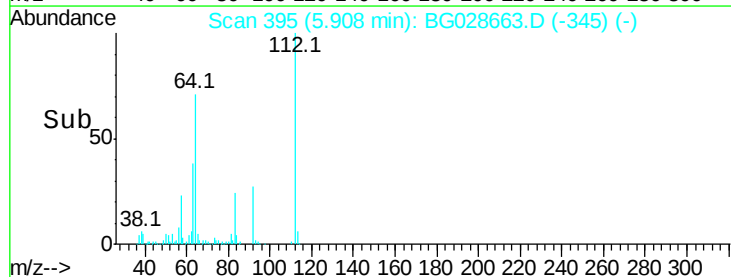
#5

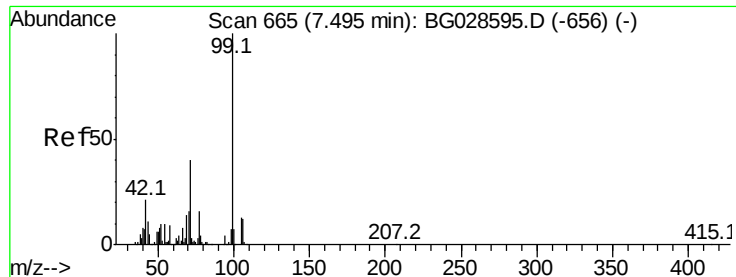
2-Fluorophenol
Concen: 112.111 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG028663.D
Acq: 12 Sep 2017 6:20

Tgt Ion:112 Resp: 256831
Ion Ratio Lower Upper
112 100
64 70.5 61.8 92.6
63 38.3 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: 109.483 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG028663.D

Acq: 12 Sep 2017 6:20

Instrument :

BNA_G

ClientSampleId :

EP-28

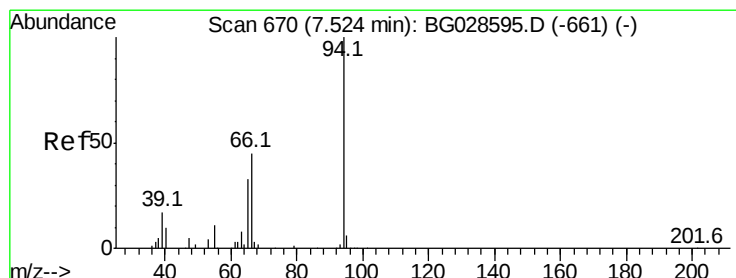
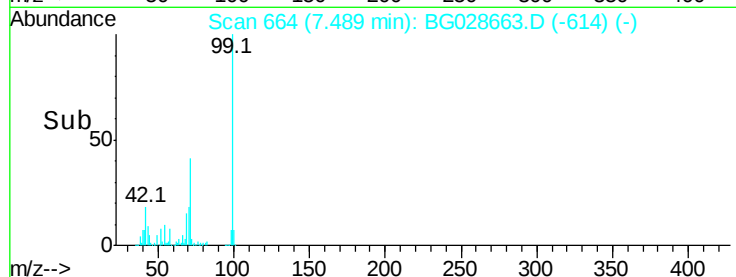
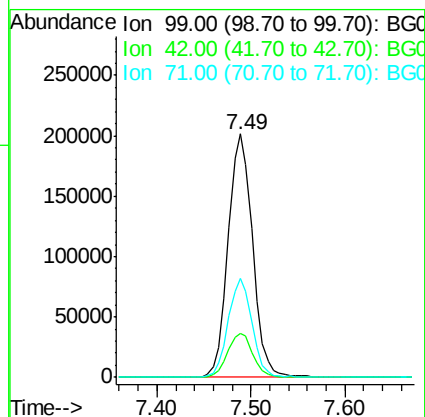
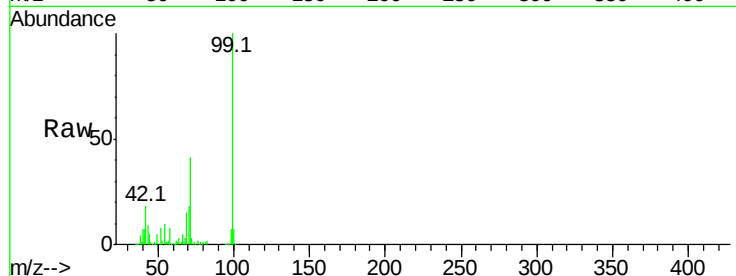
Tot Ion: 99 Resp: 363794

Ion Ratio Lower Upper

99 100

42 18.1 20.5 30.7#

71 40.9 37.6 56.4



#10

Phenol

Concen: 3.295 ng

RT: 7.51 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG028663.D

Acq: 12 Sep 2017 6:20

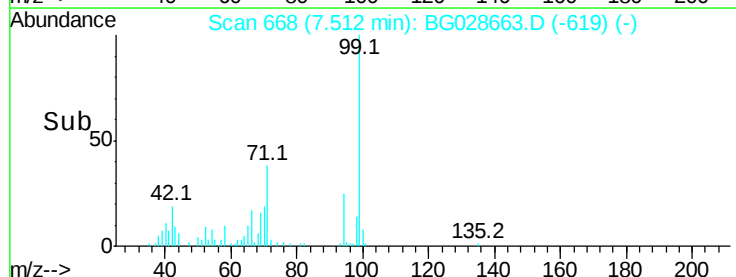
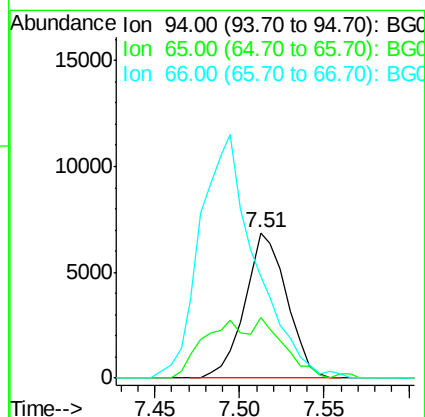
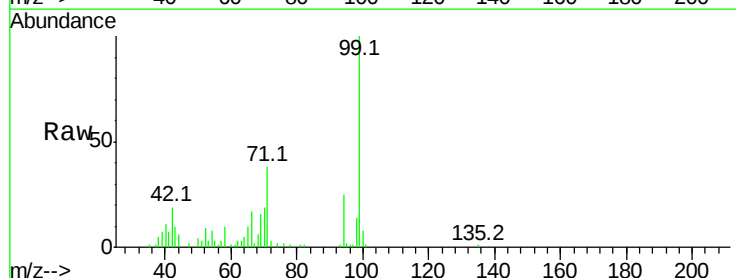
Tgt Ion: 94 Resp: 11861

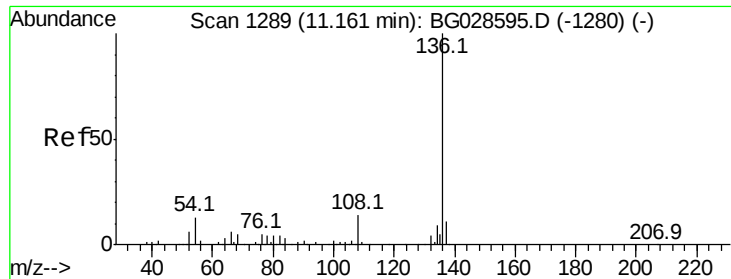
Ion Ratio Lower Upper

94 100

65 41.9 20.6 60.6

66 69.5 35.5 75.5

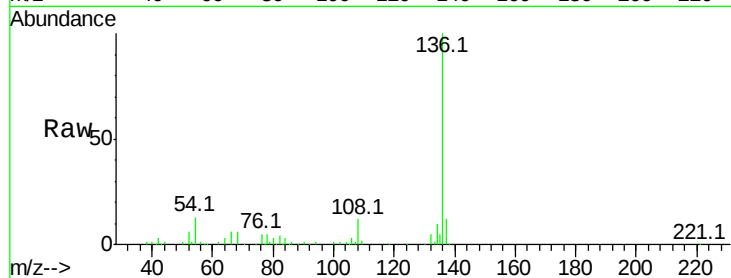




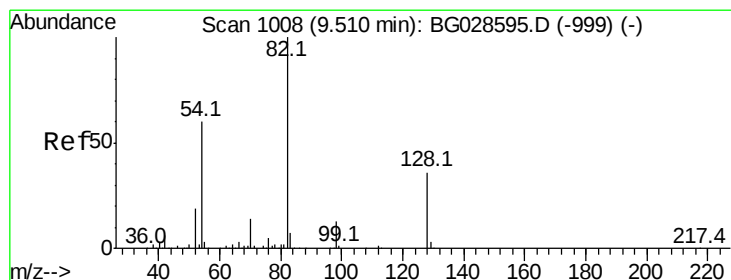
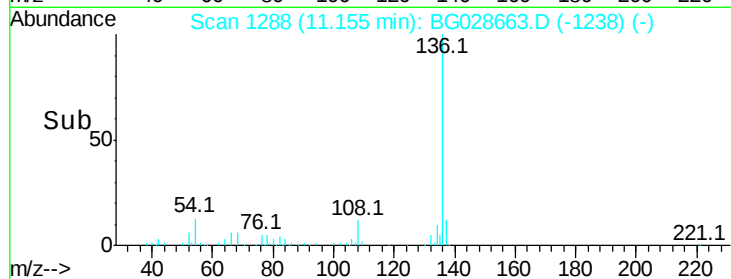
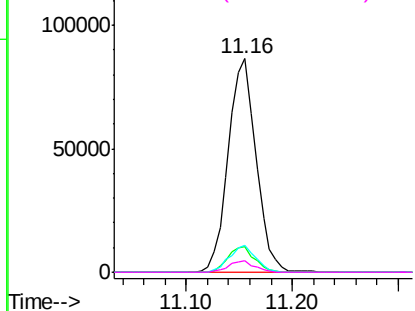
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.16 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG028663.D
Acq: 12 Sep 2017 6:20

Instrument :
BNA_G
ClientSampleId :
EP-28

Tot Ion:136	Resp:	157944
Ion Ratio	Lower	Upper
136	100	
137	12.2	8.9 13.3
54	12.5	9.3 13.9
68	5.6	5.1 7.7

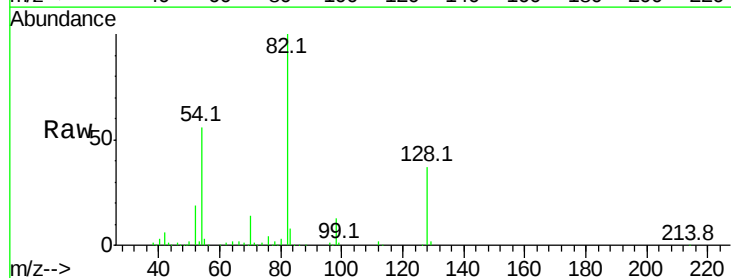


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

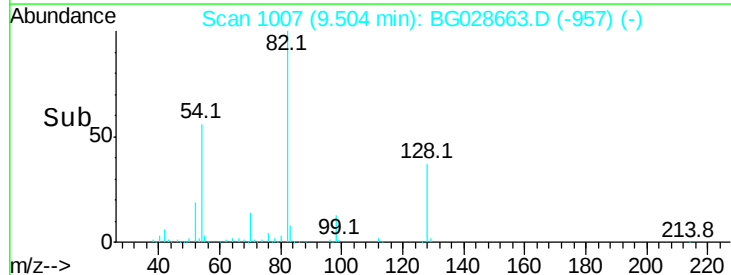
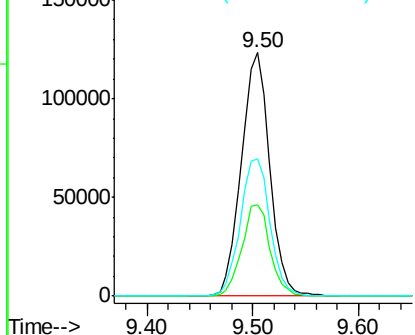


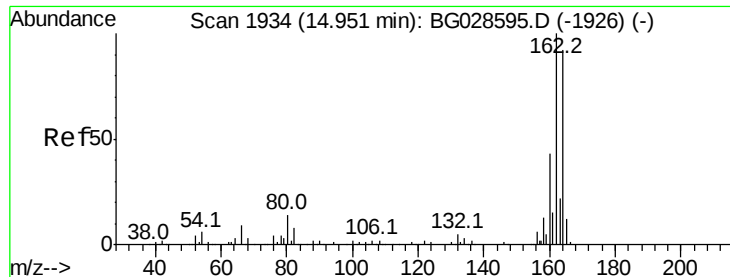
#23
Nitrobenzene-d5
Concen: 67.102 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG028663.D
Acq: 12 Sep 2017 6:20

Tgt Ion: 82	Resp:	230811
Ion Ratio	Lower	Upper
82	100	
128	37.5	26.4 39.6
54	56.4	49.4 74.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG028663.D

Acq: 12 Sep 2017 6:20

Instrument :

BNA_G

ClientSampleId :

EP-28

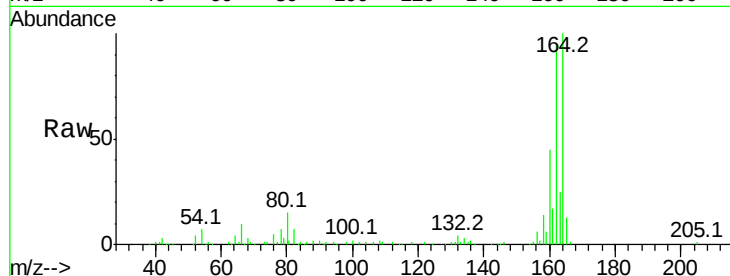
Tot Ion:164 Resp: 116721

Ion Ratio Lower Upper

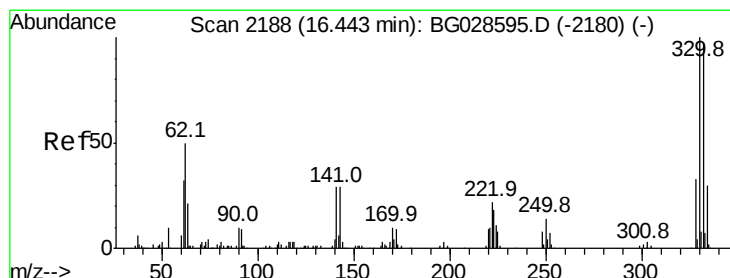
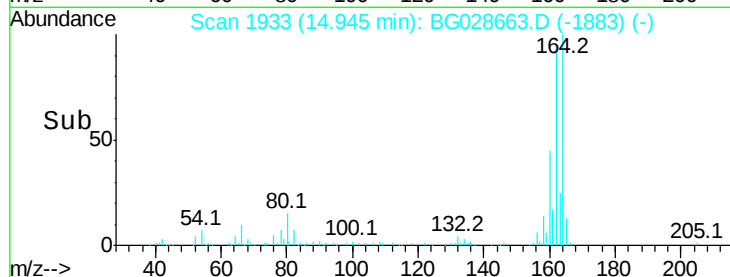
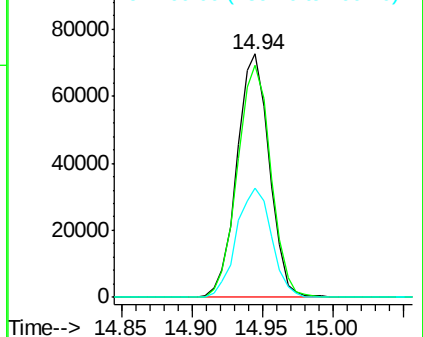
164 100

162 95.3 85.1 127.7

160 45.0 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: 117.781 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG028663.D

Acq: 12 Sep 2017 6:20

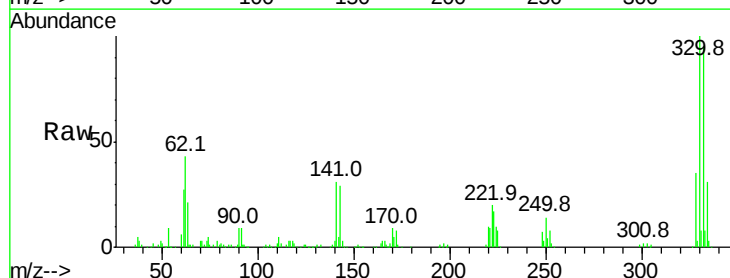
Tgt Ion:330 Resp: 208949

Ion Ratio Lower Upper

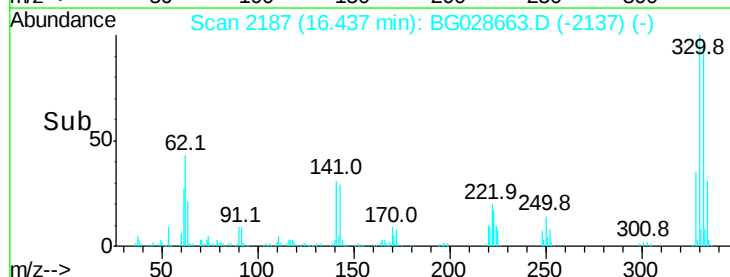
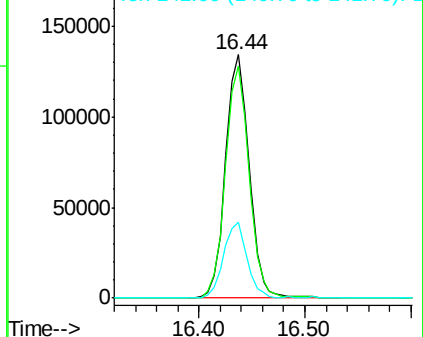
330 100

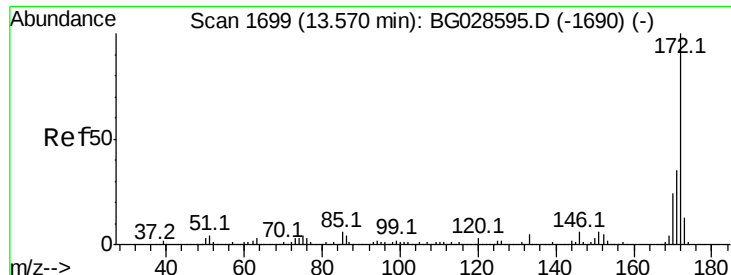
332 95.6 77.3 115.9

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

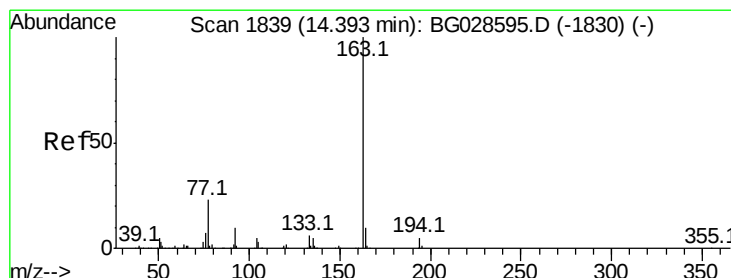
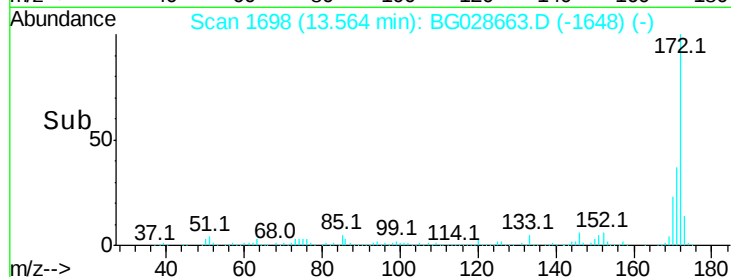
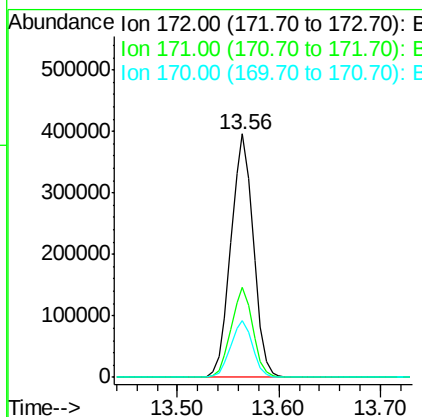
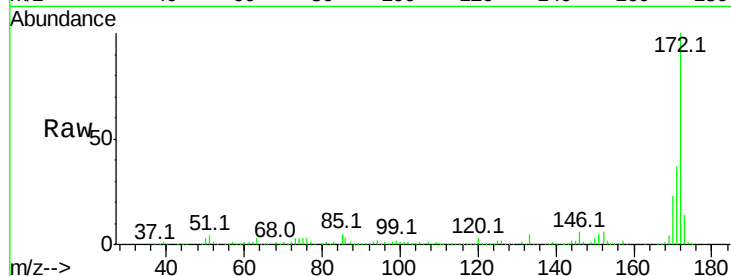




#44
 2-Fluorobiphenyl
 Concen: 68.111 ng
 RT: 13.56 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG028663.D
 Acq: 12 Sep 2017 6:20

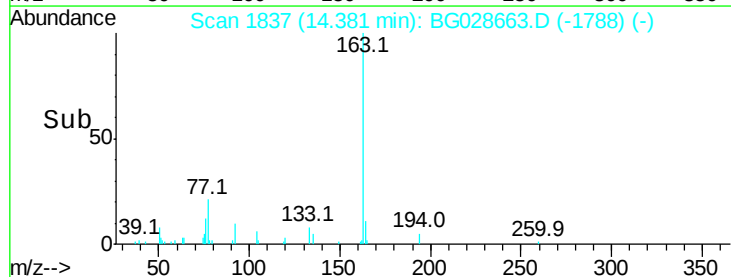
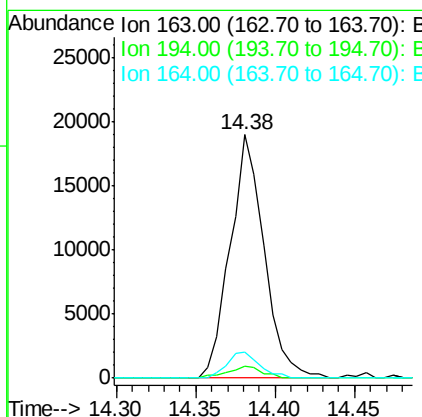
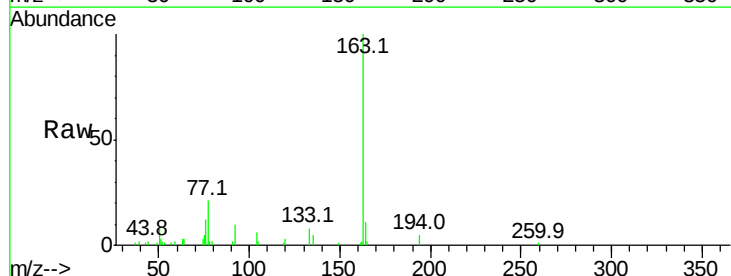
Instrument :
 BNA_G
 ClientSampled :
 EP-28

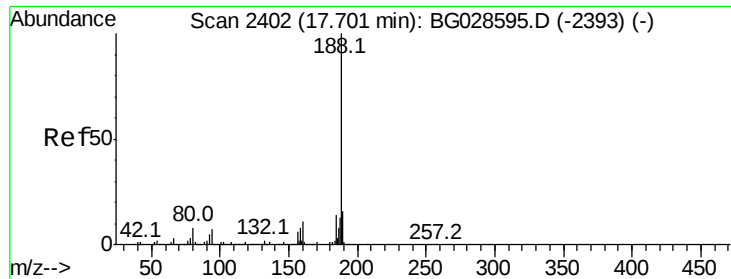
Tot Ion:172 Resp: 607688
 Ion Ratio Lower Upper
 172 100
 171 37.0 32.2 48.2
 170 23.4 21.8 32.6



#49
 Dimethylphthalate
 Concen: 2.932 ng
 RT: 14.38 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG028663.D
 Acq: 12 Sep 2017 6:20

Tgt Ion:163 Resp: 28196
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.8 5.6
 164 10.8 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BG028663.D

Acq: 12 Sep 2017 6:20

Instrument :

BNA_G

ClientSampleId :

EP-28

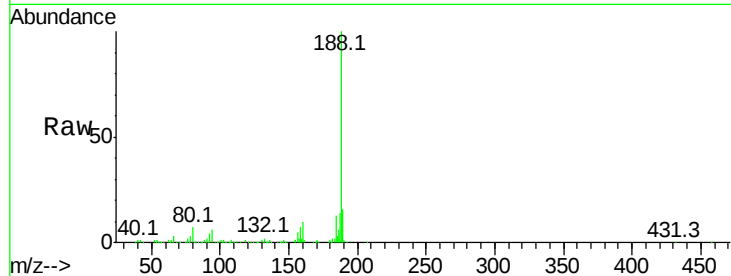
Tot Ion:188 Resp: 303061

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

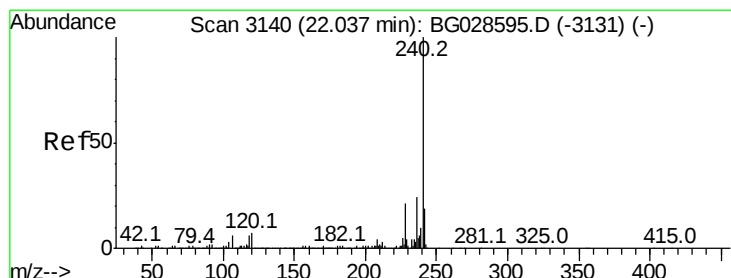
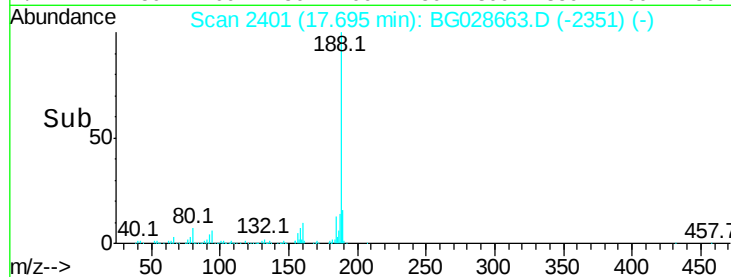
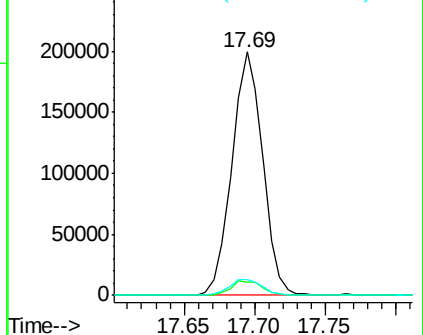
80 6.7 7.5 11.3#



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: 20.000 ng

RT: 22.03 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG028663.D

Acq: 12 Sep 2017 6:20

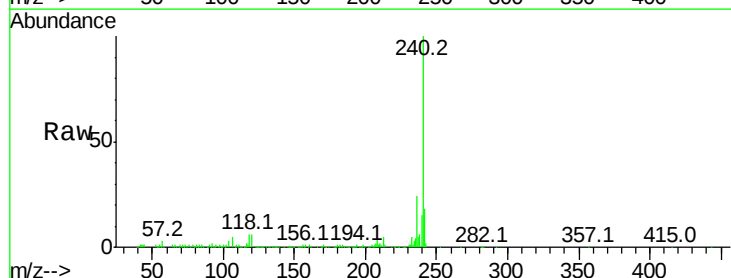
Tgt Ion:240 Resp: 320565

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

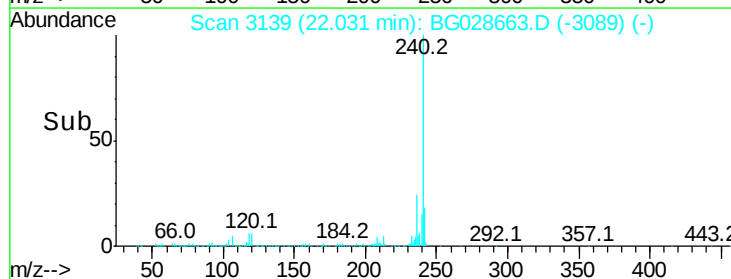
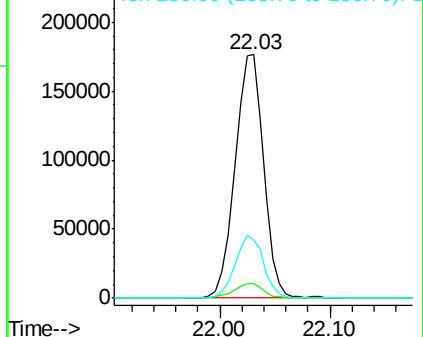
236 24.1 22.2 33.4

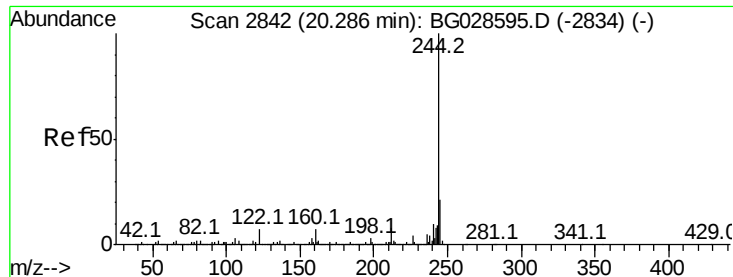


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.395 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG028663.D

Acq: 12 Sep 2017 6:20

Instrument :

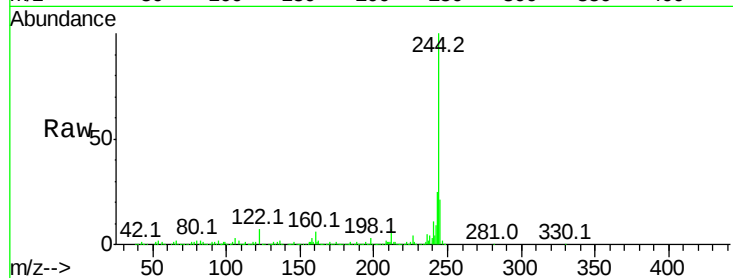
BNA_G

ClientSampleId :

EP-28

Tot Ion:244 Resp: 1032513

Ion	Ratio	Lower	Upper
244	100		
212	7.4	10.0	15.0#
122	6.9	8.6	12.8#

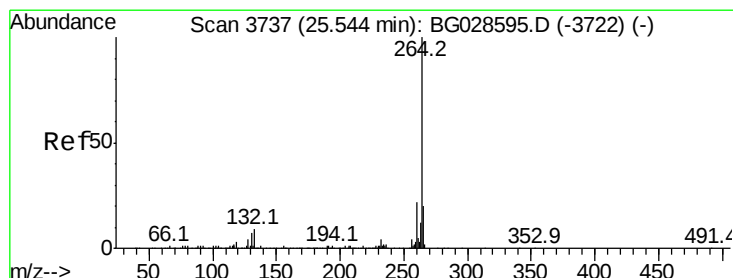
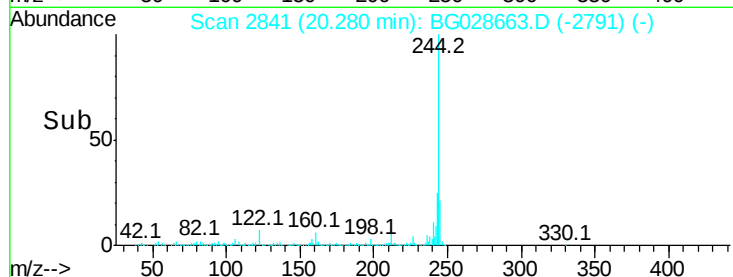
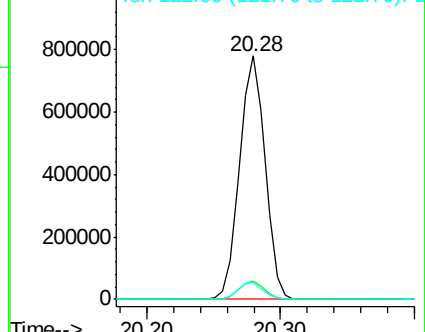


Abundance

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: 20.000 ng

RT: 25.53 min Scan# 3734

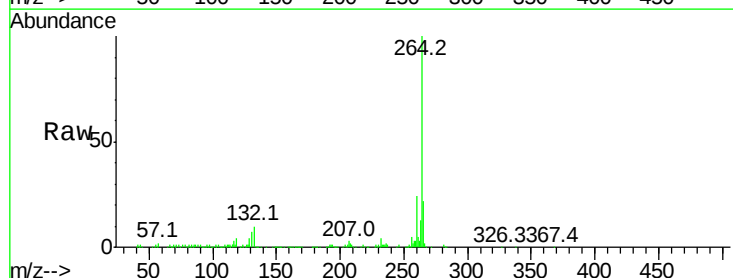
Delta R.T. -0.02 min

Lab File: BG028663.D

Acq: 12 Sep 2017 6:20

Tgt Ion:264 Resp: 328993

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.7	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

