

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036290.D
 Acq On : 11 Aug 2018 6:33
 Operator : JU/SJ
 Sample : J4412-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080718-TIPC-E-D-M

Quant Time: Aug 13 00:53:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

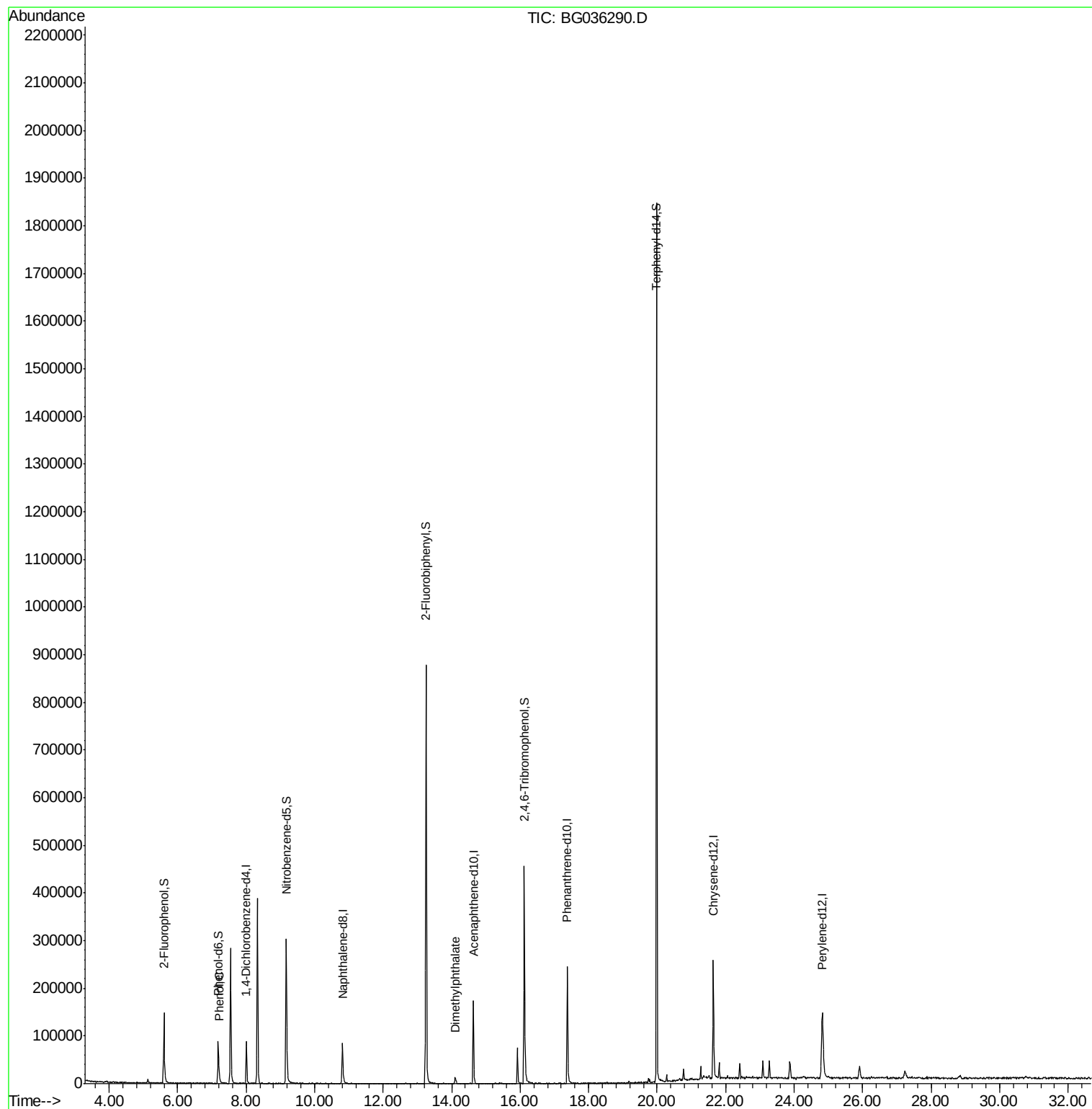
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	24759	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	85694	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	64225	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	182233	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	185036	20.00	ng	-0.02
86) Perylene-d12	24.83	264	175593	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	73204	49.09	ng	0.00
7) Phenol-d6	7.18	99	66043	29.68	ng	-0.01
23) Nitrobenzene-d5	9.17	82	229114	111.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	100285	118.47	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	504938	105.33	ng	-0.02
78) Terphenyl-d14	19.98	244	913872	108.87	ng	-0.02
Target Compounds						
10) Phenol	7.21	94	5430	2.416	ng	96
49) Dimethylphthalate	14.10	163	15754	2.800	ng	# 92

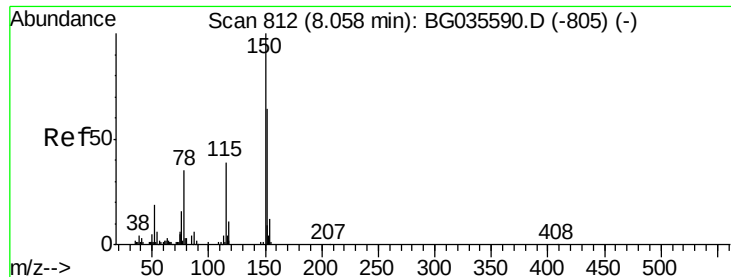
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.02 min

Lab File: BG036290.D

Acq: 11 Aug 2018 6:33

Instrument :

BNA_G

ClientSampleId :

080718-TIPC-E-D-M

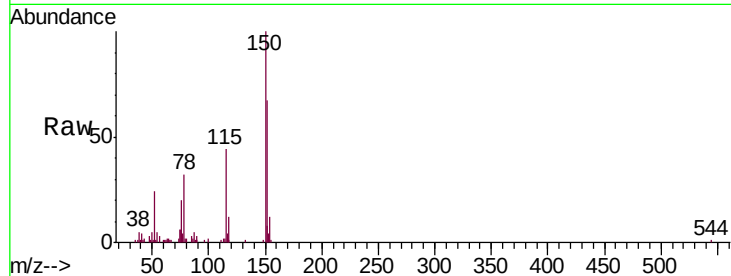
Tgt Ion:152 Resp: 24759

Ion Ratio Lower Upper

152 100

150 150.3 126.6 189.8

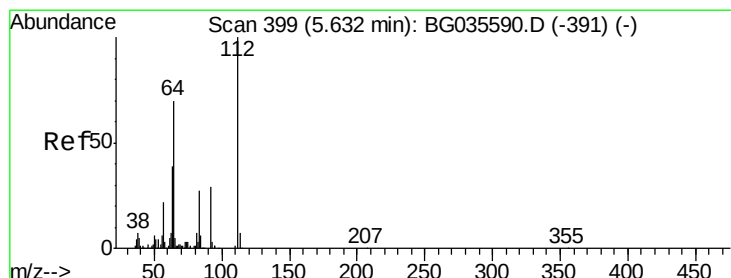
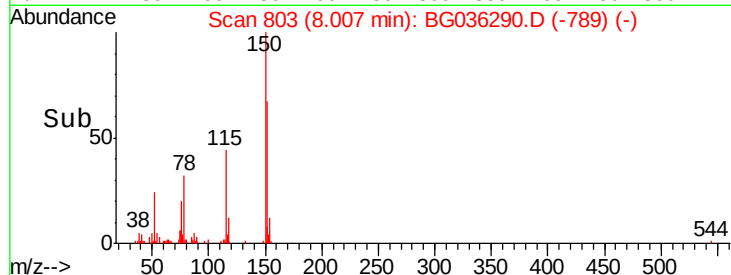
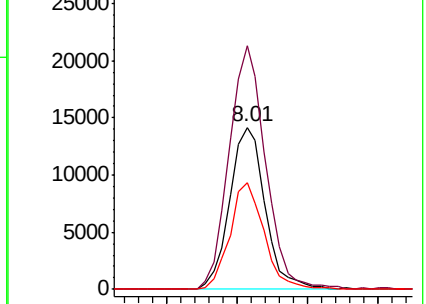
115 66.0 53.0 79.4



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: 49.088 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036290.D

Acq: 11 Aug 2018 6:33

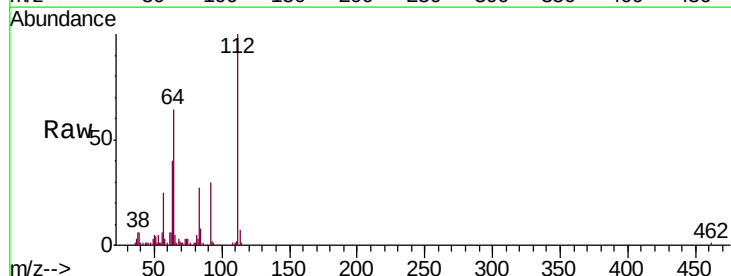
Tgt Ion:112 Resp: 73204

Ion Ratio Lower Upper

112 100

64 64.4 56.3 84.5

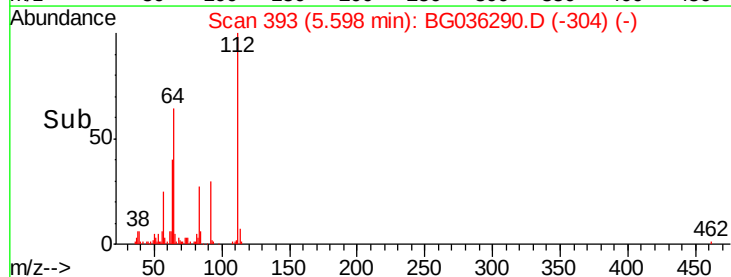
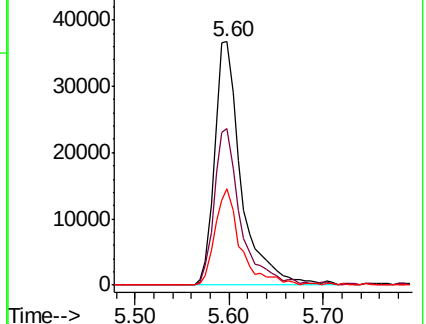
63 39.8 30.1 45.1

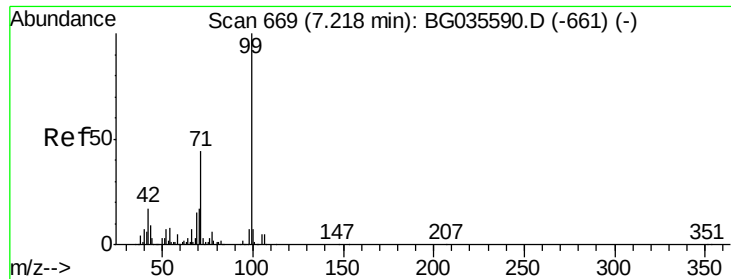


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 29.682 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036290.D

Acq: 11 Aug 2018 6:33

Instrument :

BNA_G

ClientSampleId :

080718-TIPC-E-D-M

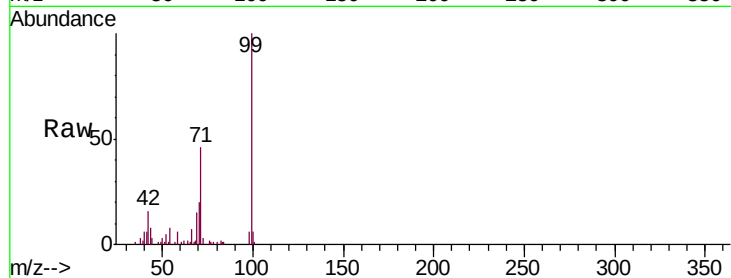
Tgt Ion: 99 Resp: 66043

Ion Ratio Lower Upper

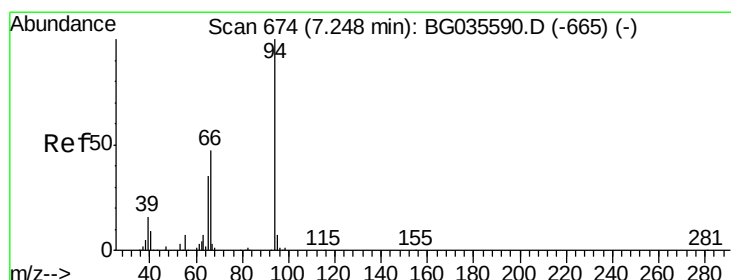
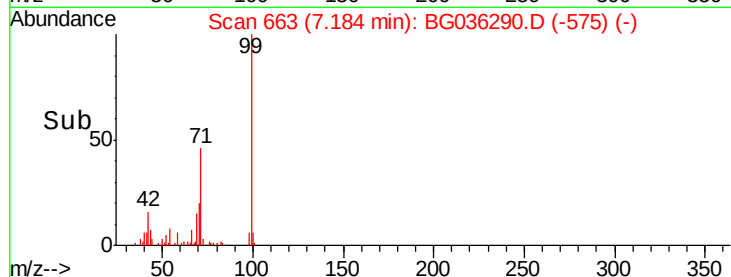
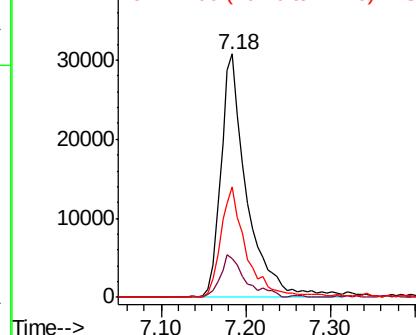
99 100

42 16.2 14.1 21.1

71 45.5 26.1 39.1#



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: 2.416 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036290.D

Acq: 11 Aug 2018 6:33

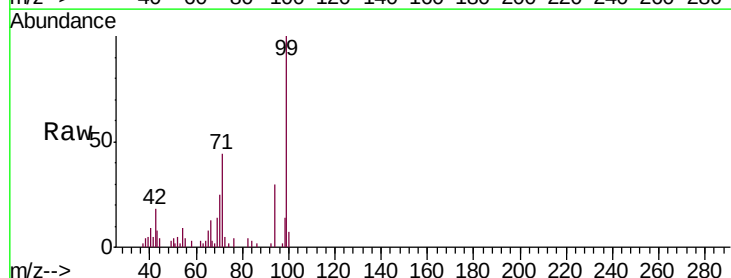
Tgt Ion: 94 Resp: 5430

Ion Ratio Lower Upper

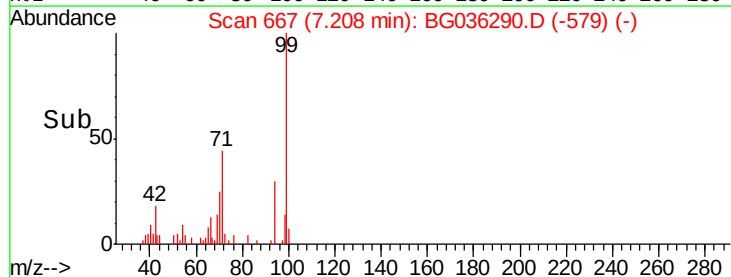
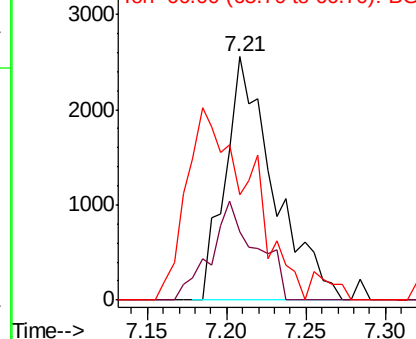
94 100

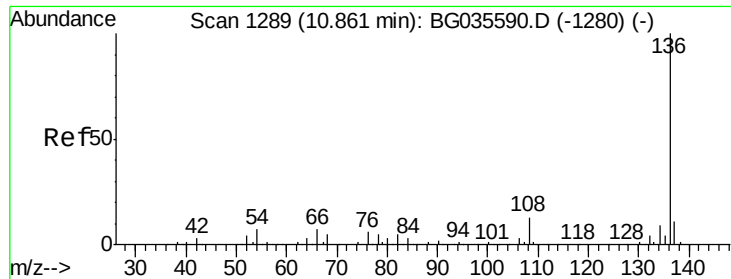
65 28.2 11.9 51.9

66 43.5 22.2 62.2



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

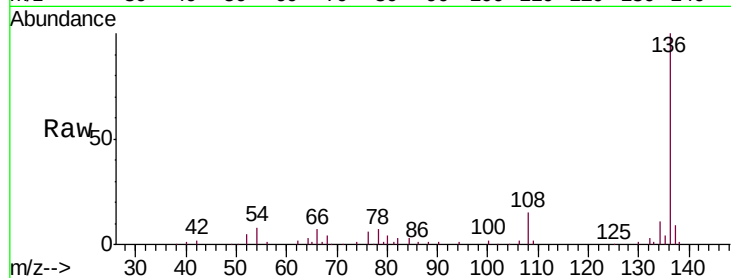




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036290.D
Acq: 11 Aug 2018 6:33

Instrument :
BNA_G
ClientSampleId :
080718-TIPC-E-D-M

Tgt Ion:	136	Resp:	85694
Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.2	13.8
54	8.1	10.3	15.5#
68	4.1	4.5	6.7#



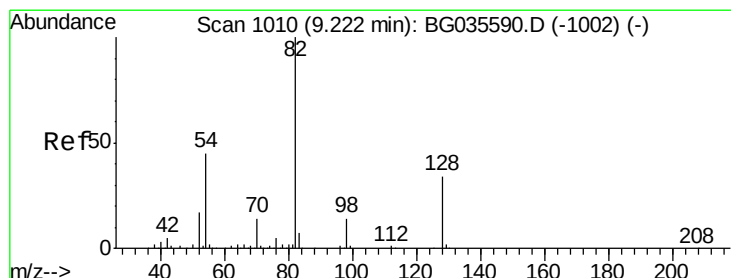
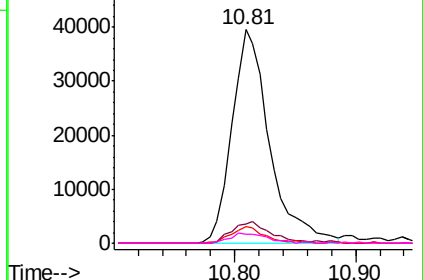
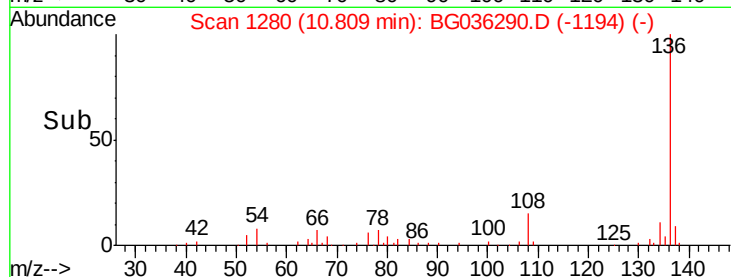
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

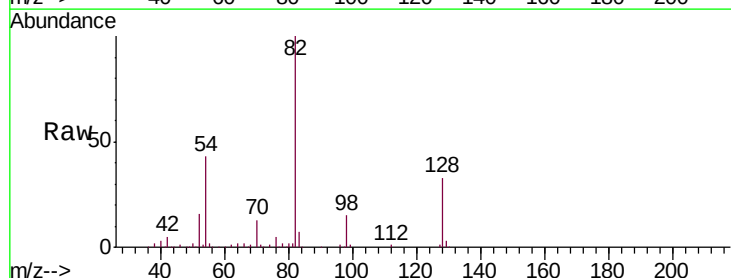
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23
Nitrobenzene-d5
Concen: 111.690 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036290.D
Acq: 11 Aug 2018 6:33

Tgt Ion:	82	Resp:	229114
Ion	Ratio	Lower	Upper
82	100		
128	33.2	29.7	44.5
54	43.2	43.1	64.7

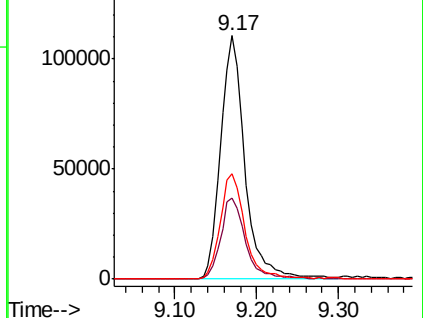
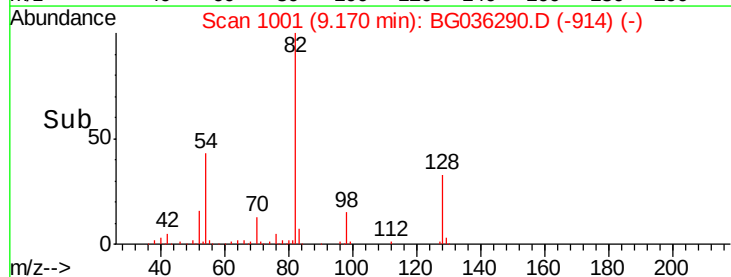


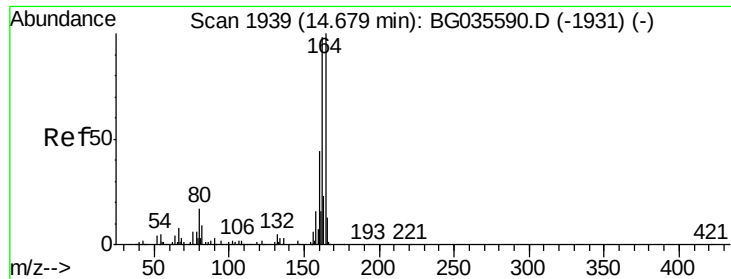
Abundance

Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036290.D

Acq: 11 Aug 2018 6:33

Instrument :

BNA_G

ClientSampleId :

080718-TIPC-E-D-M

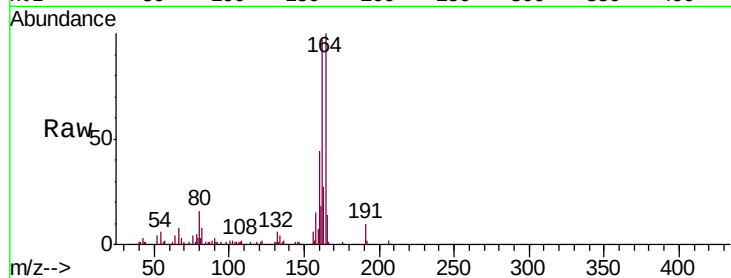
Tgt Ion:164 Resp: 64225

Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

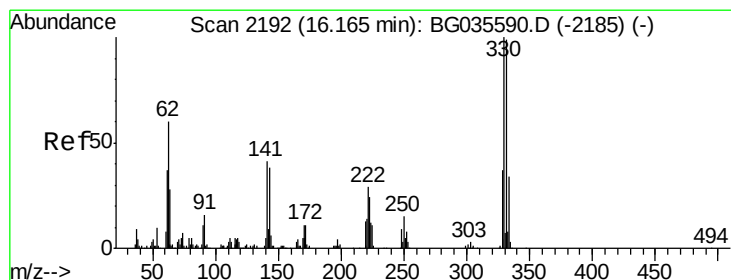
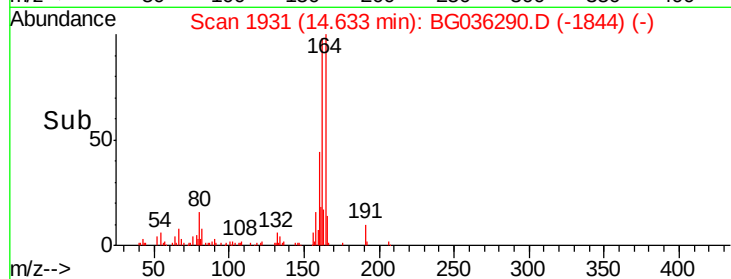
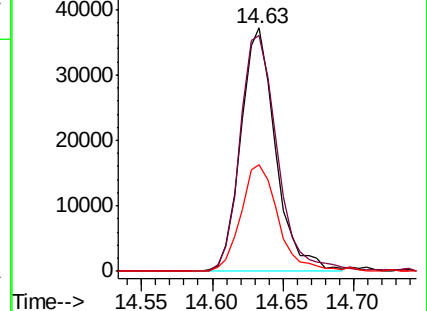
160 43.8 35.4 53.0



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: 118.466 ng

RT: 16.13 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036290.D

Acq: 11 Aug 2018 6:33

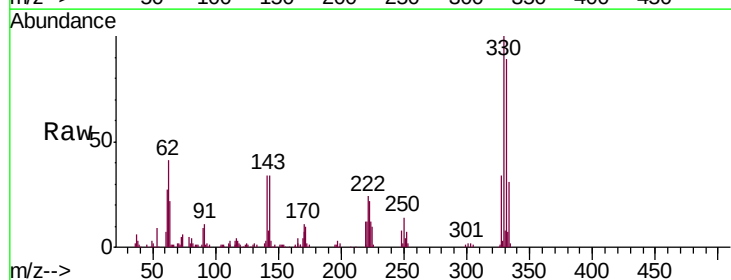
Tgt Ion:330 Resp: 100285

Ion Ratio Lower Upper

330 100

332 92.7 77.0 115.6

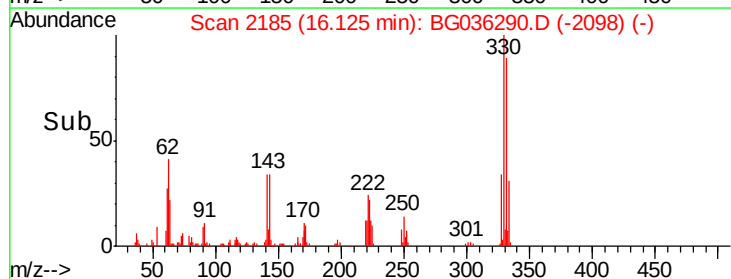
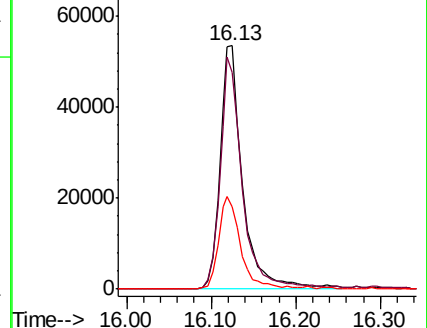
141 37.3 25.2 37.8

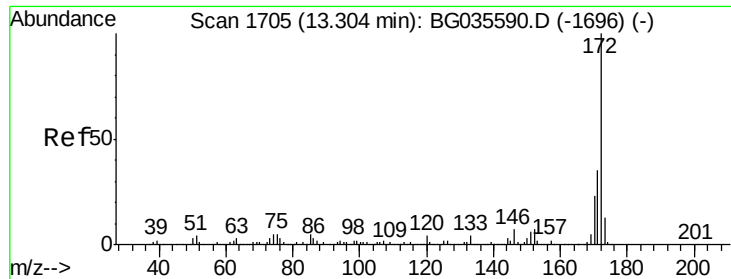


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

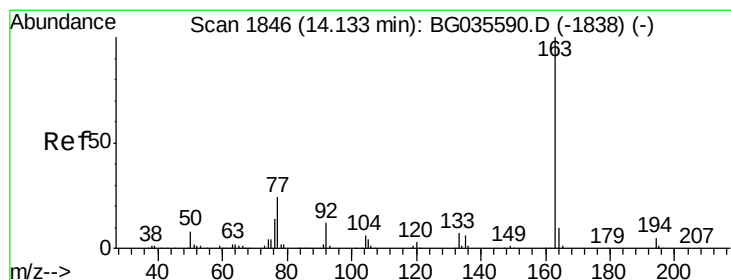
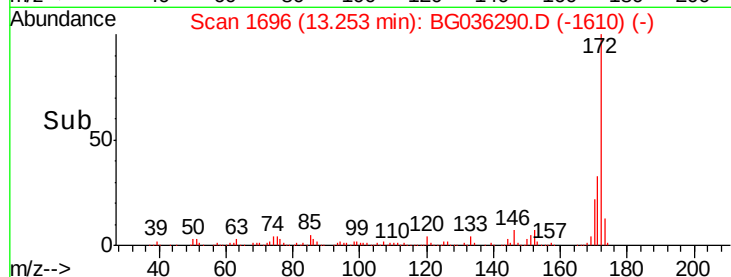
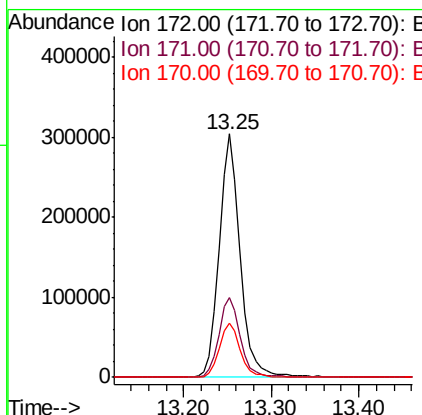
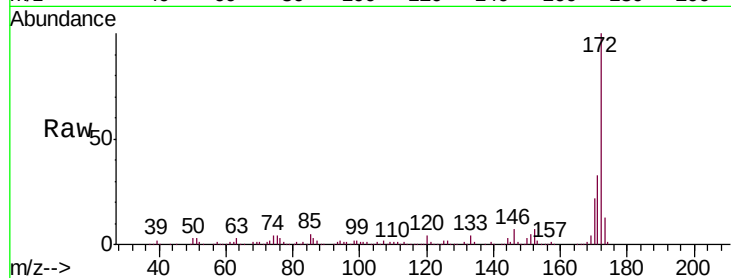




#44
2-Fluorobiphenyl
Concen: 105.331 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036290.D
Acq: 11 Aug 2018 6:33

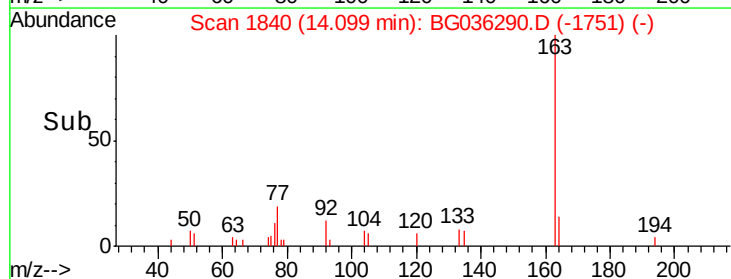
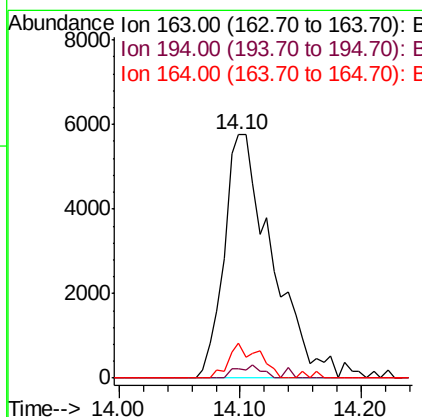
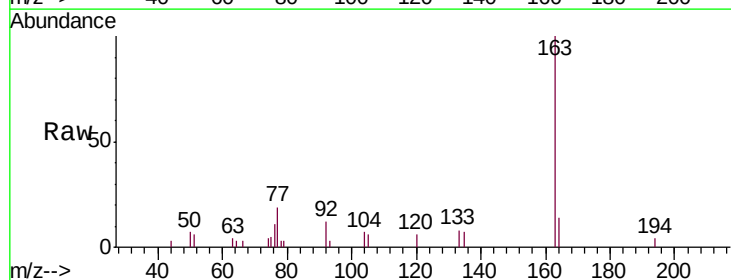
Instrument :
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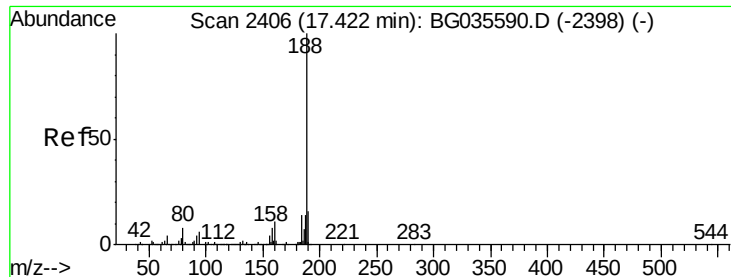
Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.7	30.0	45.0
170	22.4	19.5	29.3



#49
Dimethylphthalate
Concen: 2.800 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG036290.D
Acq: 11 Aug 2018 6:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	14.2	8.2	12.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036290.D

Acq: 11 Aug 2018 6:33

Instrument :

BNA_G

ClientSampleId :

080718-TIPC-E-D-M

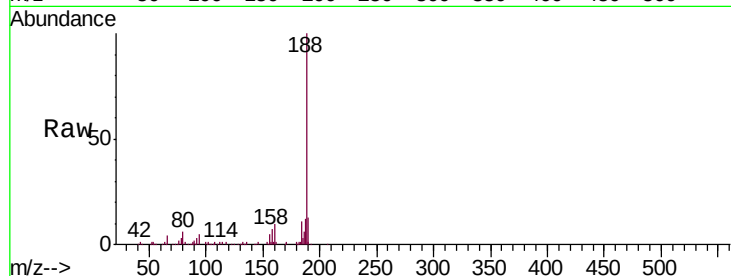
Tgt Ion:188 Resp: 182233

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

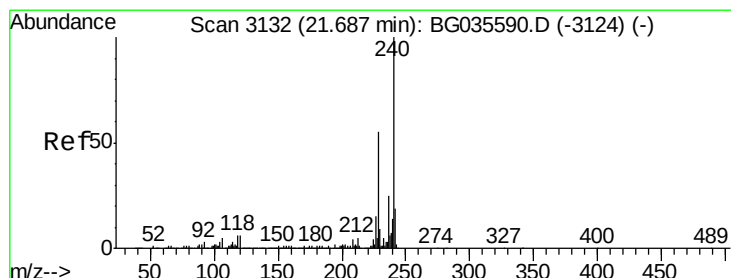
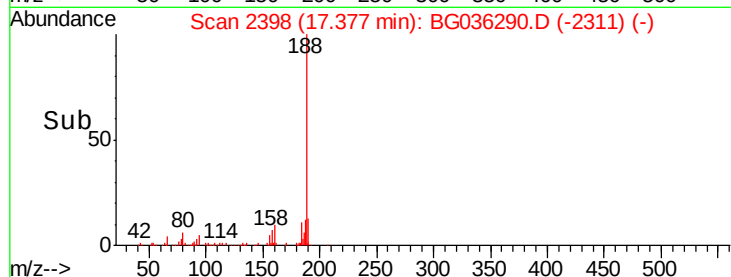
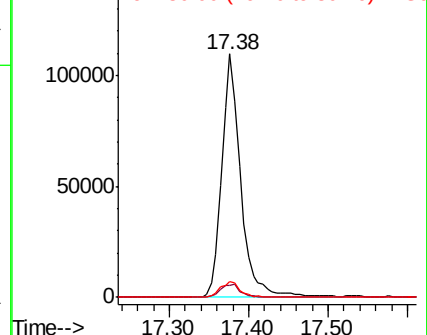
80 6.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.02 min

Lab File: BG036290.D

Acq: 11 Aug 2018 6:33

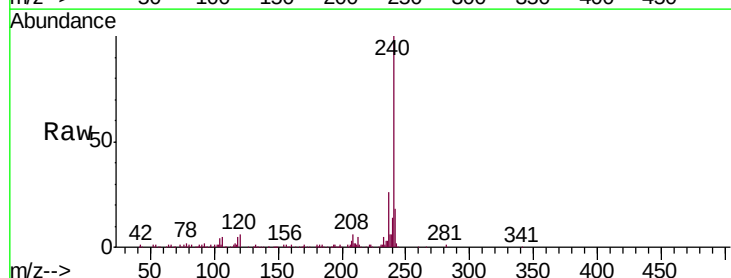
Tgt Ion:240 Resp: 185036

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

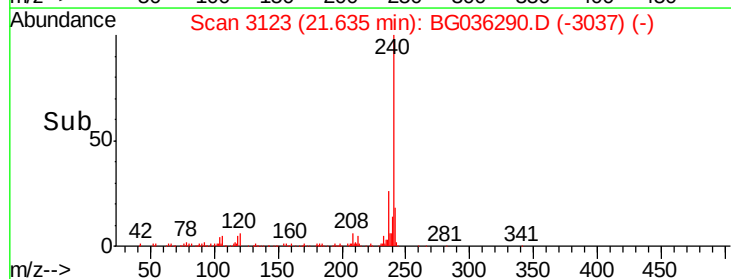
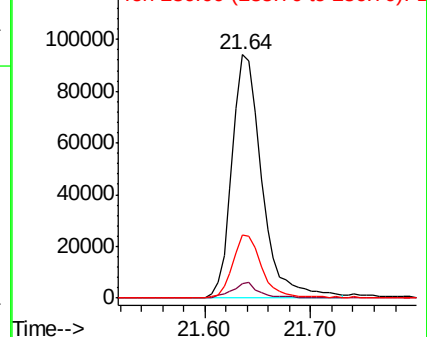
236 26.0 20.9 31.3

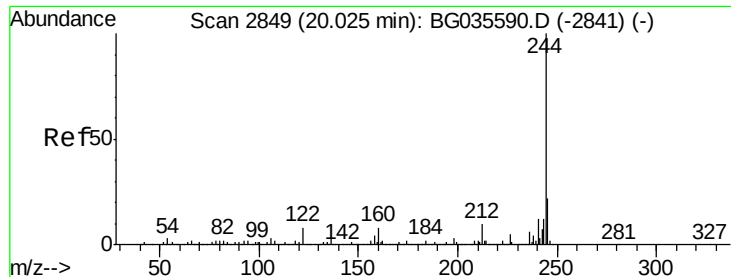


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.868 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036290.D

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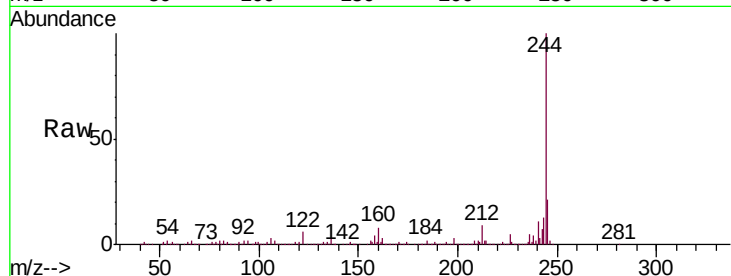
Tgt Ion:244 Resp: 913872

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

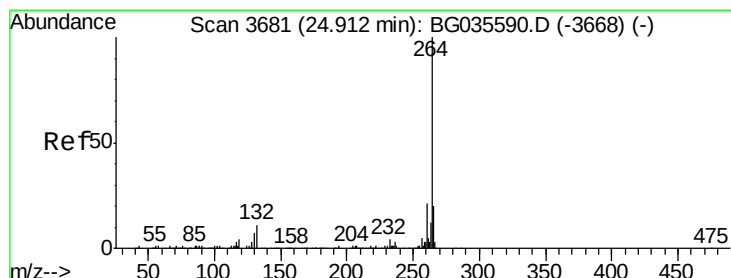
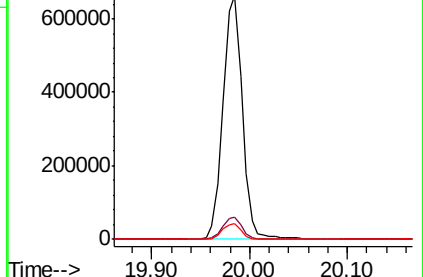
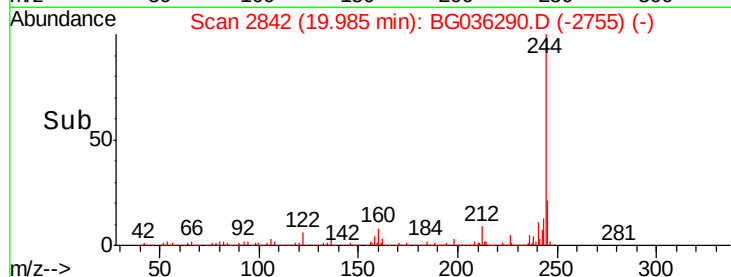
122 6.2 7.0 10.4#



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: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036290.D

Acq: 11 Aug 2018 6:33

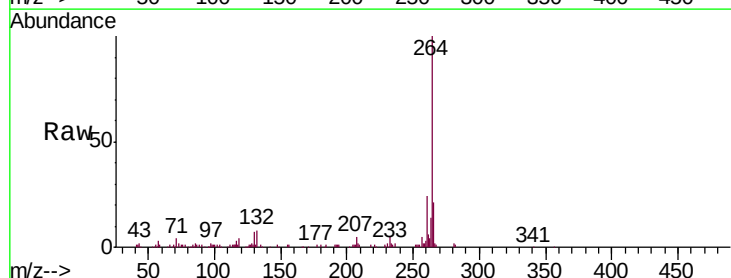
Tgt Ion:264 Resp: 175593

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 20.9 17.7 26.5



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

