

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
 Data File : BG036040.D
 Acq On : 1 Aug 2018 19:12
 Operator : JU/SJ
 Sample : J4256-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-A27

Quant Time: Aug 02 08:35:48 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

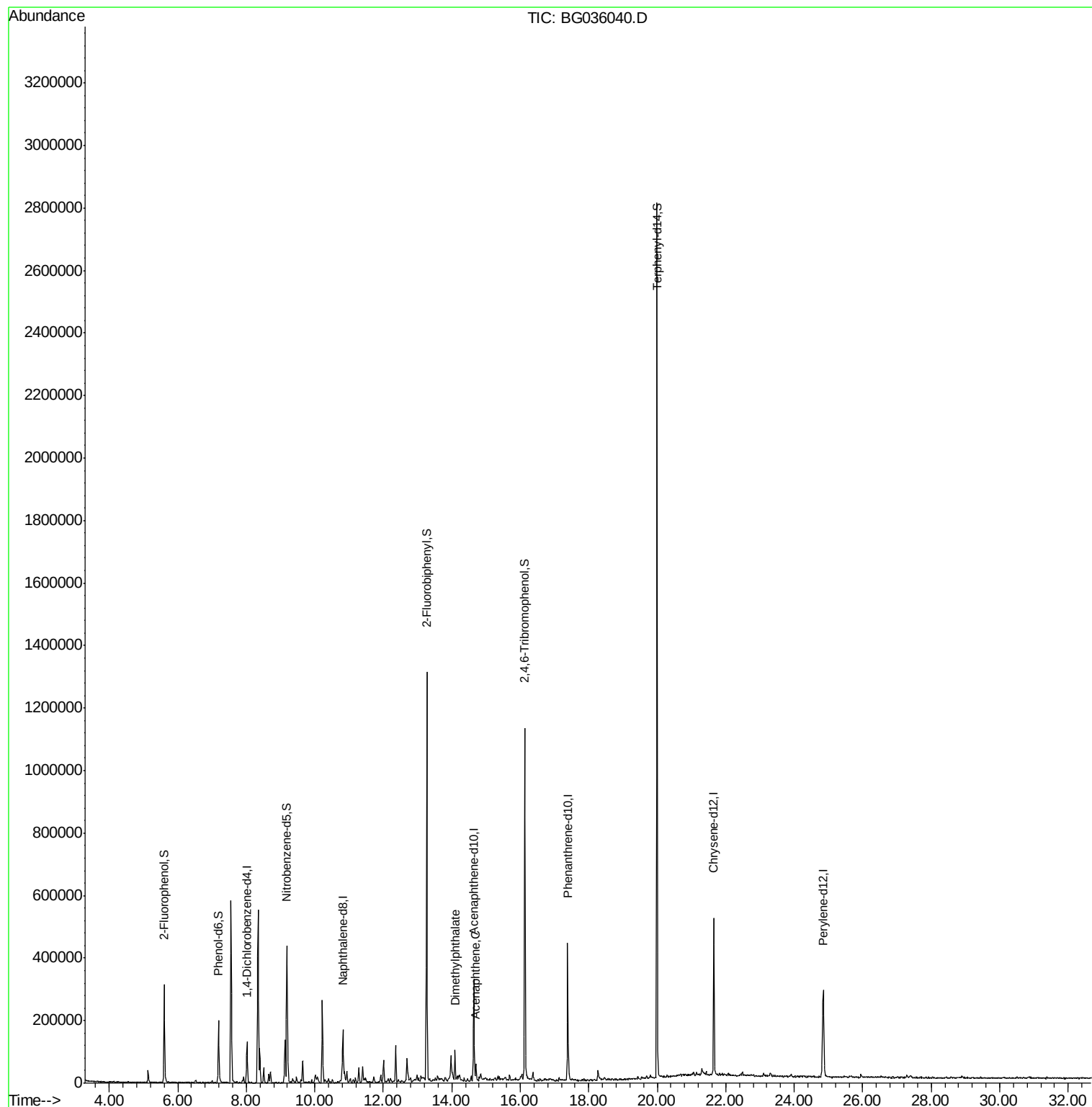
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36871	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	135825	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	106752	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	276149	20.00	ng	0.00
75) Chrysene-d12	21.65	240	313793	20.00	ng	0.00
86) Perylene-d12	24.85	264	306074	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	142460	64.15	ng	0.00
7) Phenol-d6	7.19	99	129485	39.08	ng	0.00
23) Nitrobenzene-d5	9.18	82	303765	93.43	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	218307	155.15	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	699574	87.80	ng	0.00
78) Terphenyl-d14	20.00	244	1332717	93.62	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.09	163	67093	7.173	ng	98
51) Acenaphthene	14.71	154	18950	2.821	ng	93

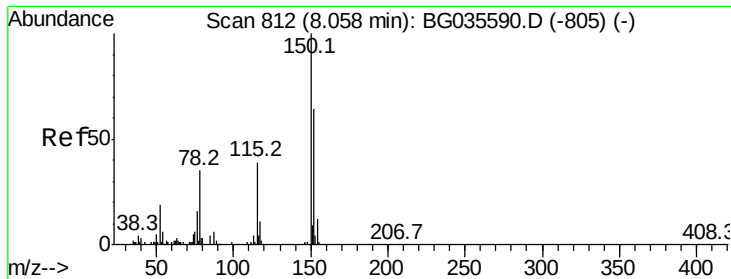
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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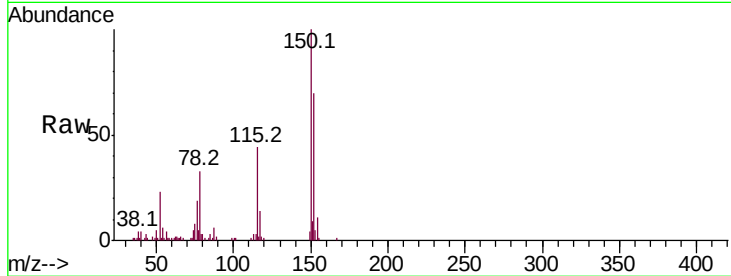


#1

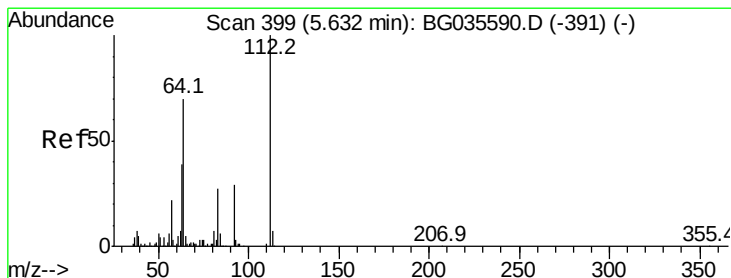
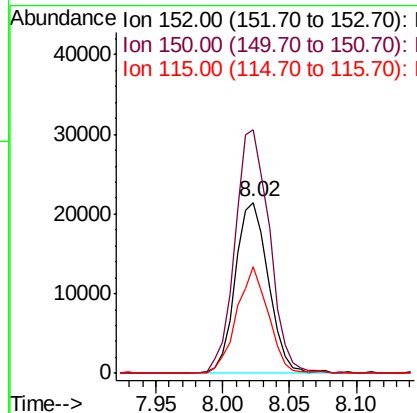
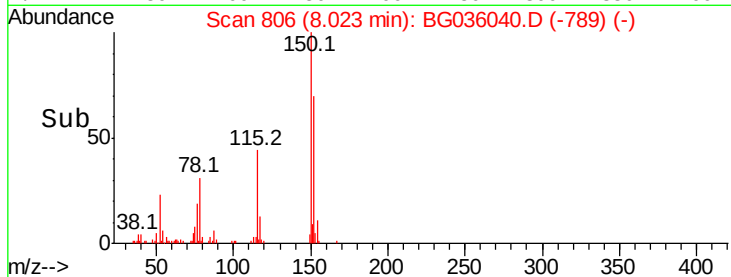
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Instrument :
BNA_G
ClientSampleId :
MW-A27

Tot Ion:152 Resp: 36871
Ion Ratio Lower Upper
152 100
150 142.2 126.6 189.8
115 62.2 53.0 79.4



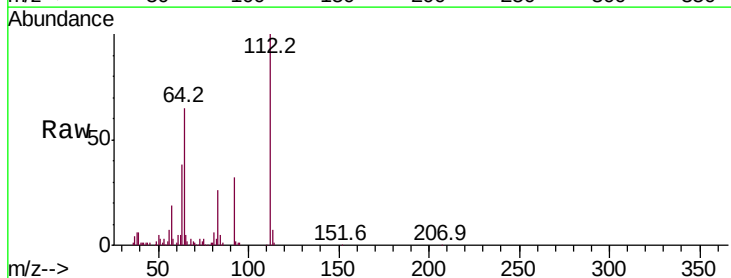
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



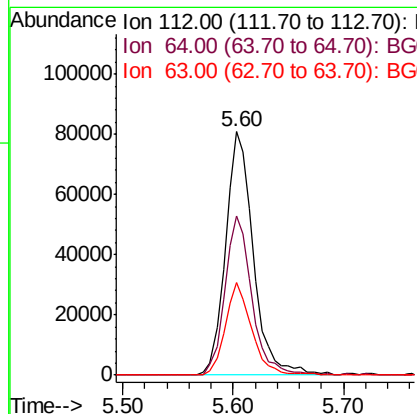
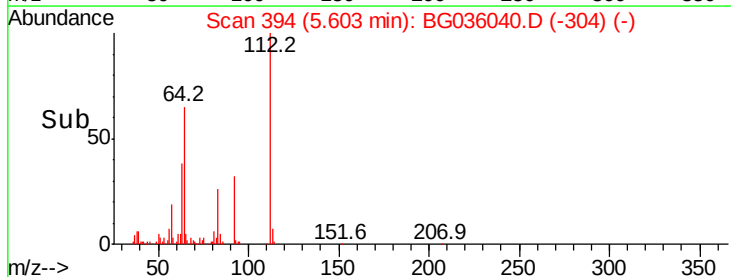
#5

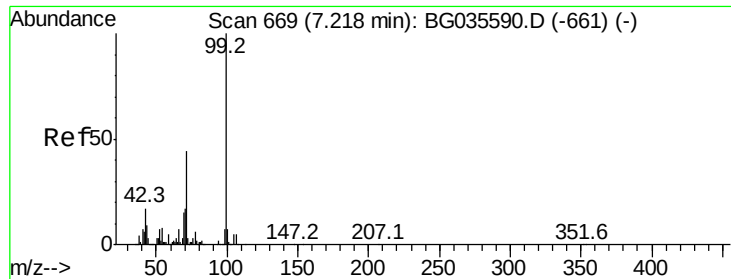
2-Fluorophenol
Concen: 64.147 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion:112 Resp: 142460
Ion Ratio Lower Upper
112 100
64 65.1 56.3 84.5
63 37.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 39.079 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036040.D

Acq: 1 Aug 2018 19:12

Instrument :

BNA_G

ClientSampleId :

MW-A27

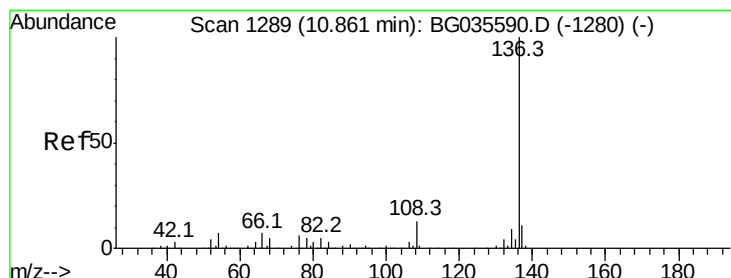
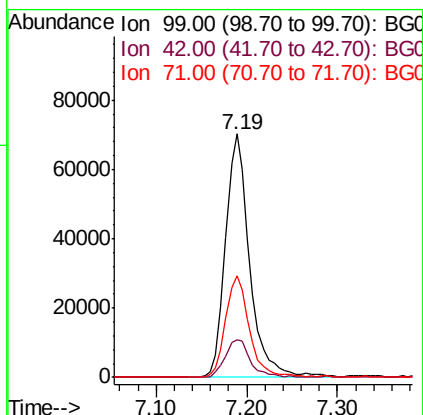
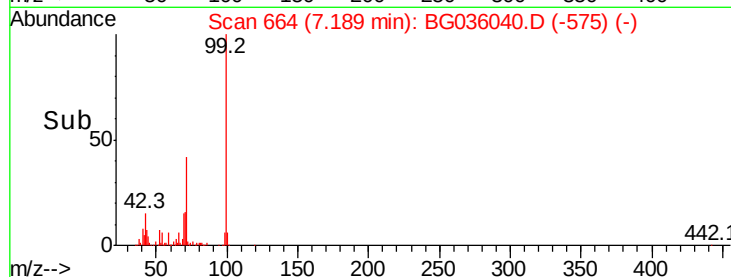
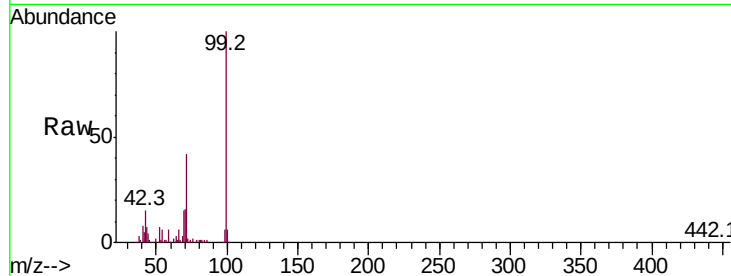
Tot Ion: 99 Resp: 129485

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 41.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036040.D

Acq: 1 Aug 2018 19:12

Tgt Ion: 136 Resp: 135825

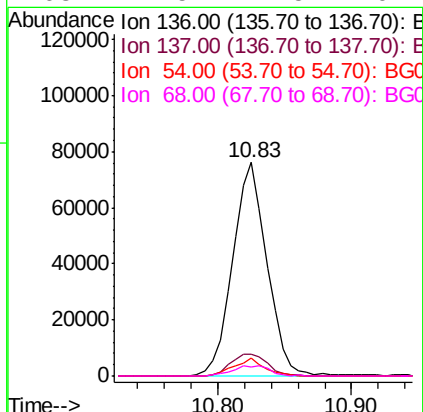
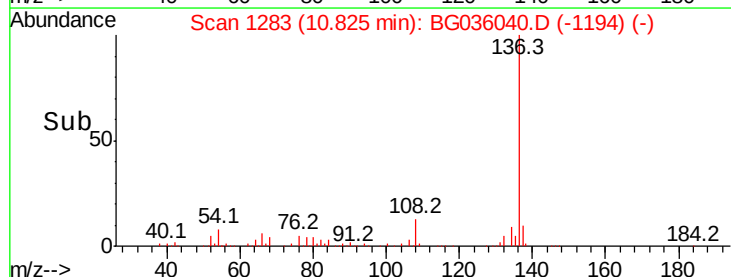
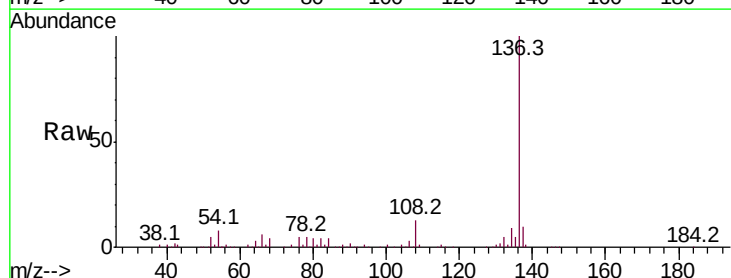
Ion Ratio Lower Upper

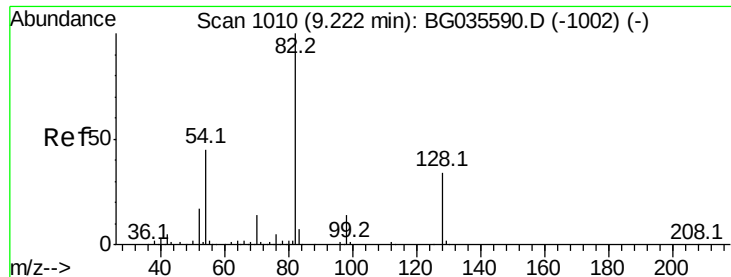
136 100

137 10.2 9.2 13.8

54 8.2 10.3 15.5#

68 4.5 4.5 6.7#

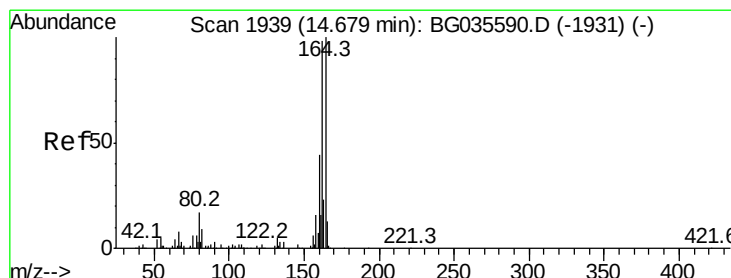
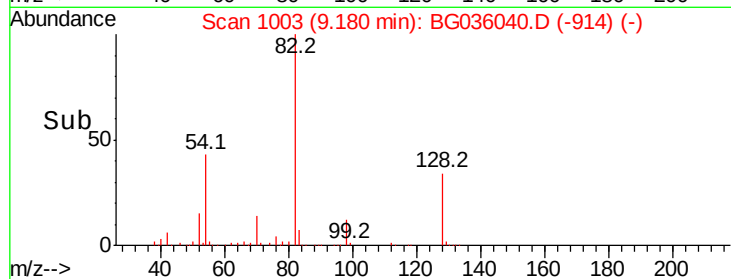
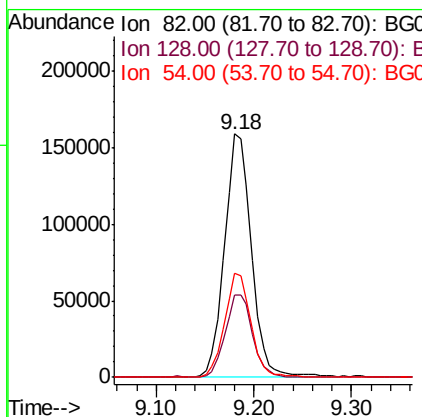
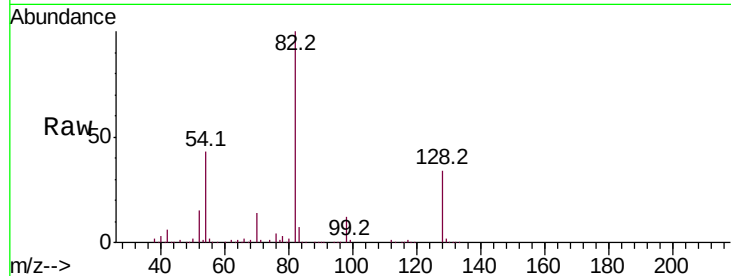




#23
 Nitrobenzene-d5
 Concen: 93.427 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036040.D
 Acq: 1 Aug 2018 19:12

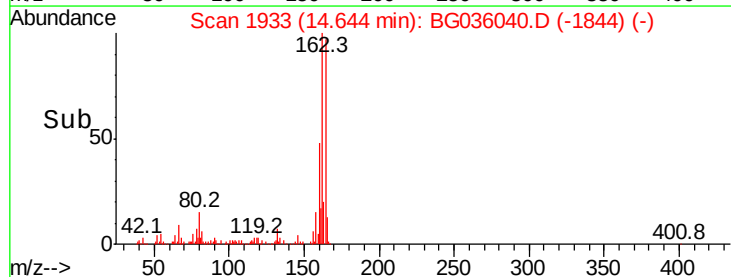
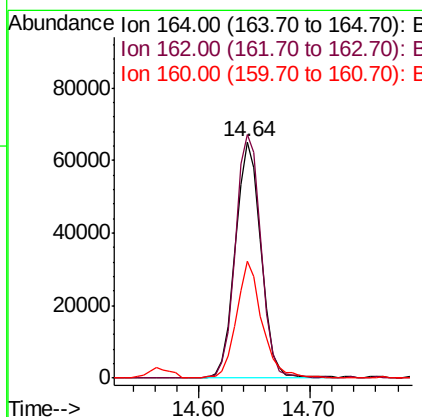
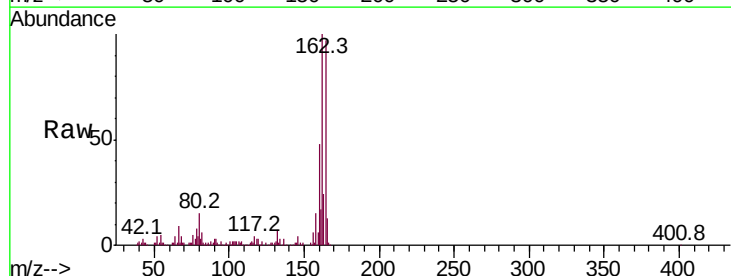
Instrument :
 BNA_G
 ClientSampleId :
 MW-A27

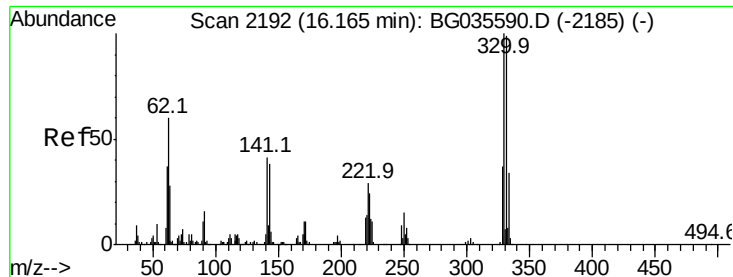
Tot Ion	82	Resp	303765
Ion Ratio	100	Lower	Upper
128	33.8	29.7	44.5
54	42.9	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036040.D
 Acq: 1 Aug 2018 19:12

Tgt Ion	164	Resp	106752
Ion Ratio	100	Lower	Upper
162	103.1	78.8	118.2
160	49.6	35.4	53.0

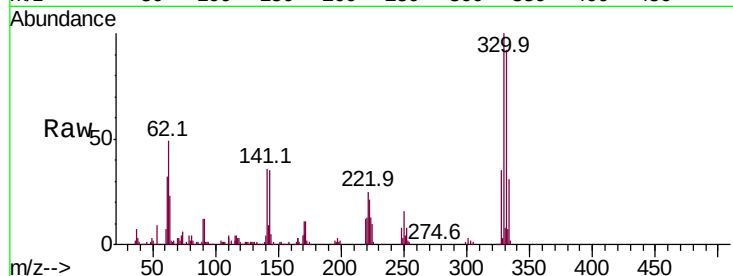




#41
 2,4,6-Tribromophenol
 Concen: 155.151 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036040.D
 Acq: 1 Aug 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 MW-A27

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.0	115.6
141	38.7	25.2	37.8#

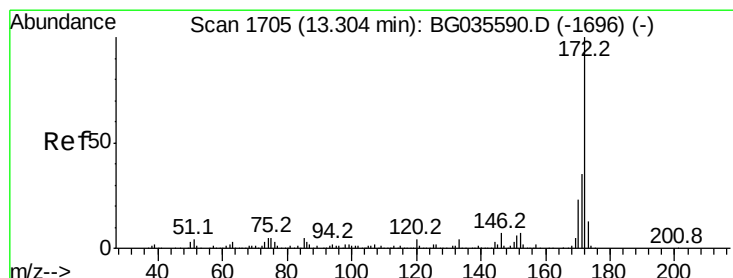
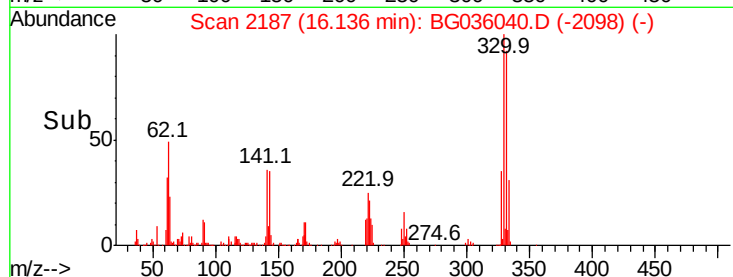
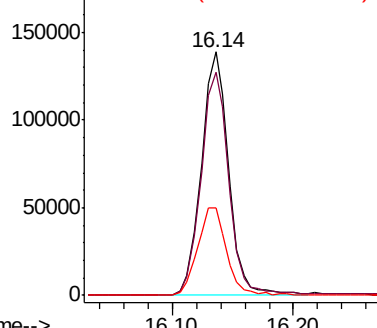


Abundance

Ion 329.80 (329.50 to 330.50): E

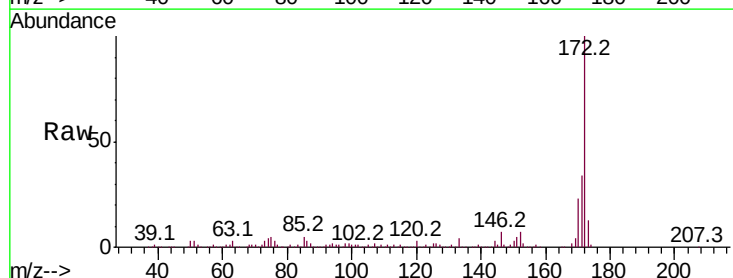
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.797 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036040.D
 Acq: 1 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.9	19.5	29.3

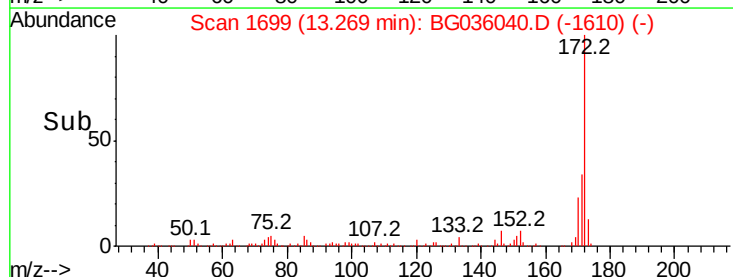
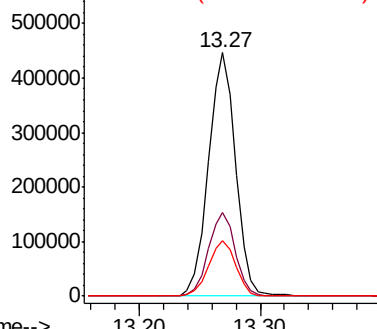


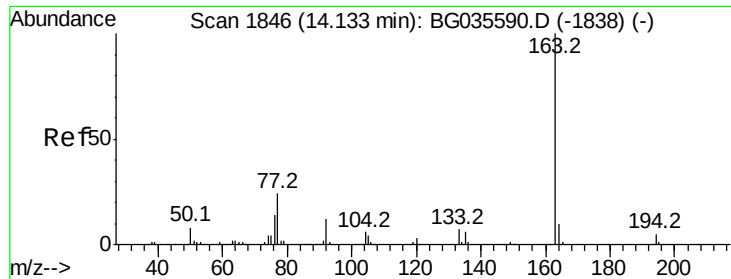
Abundance

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: 7.173 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG036040.D

Acq: 1 Aug 2018 19:12

Instrument :

BNA_G

ClientSampleId :

MW-A27

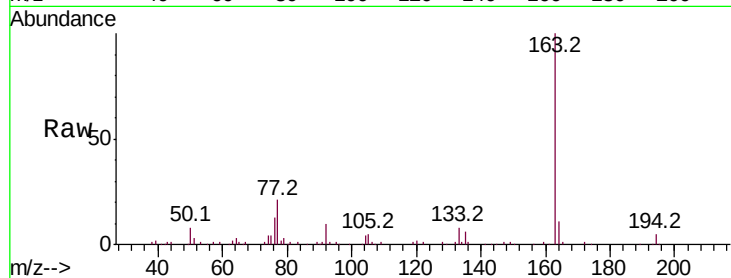
Tot Ion:163 Resp: 67093

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

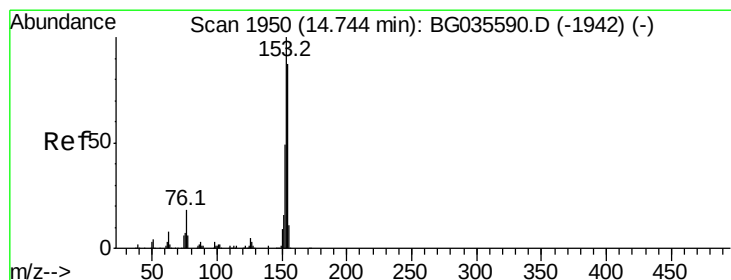
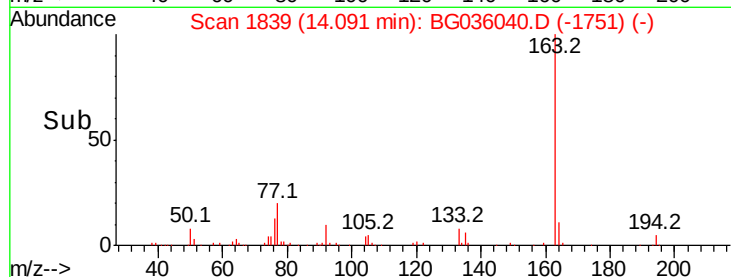
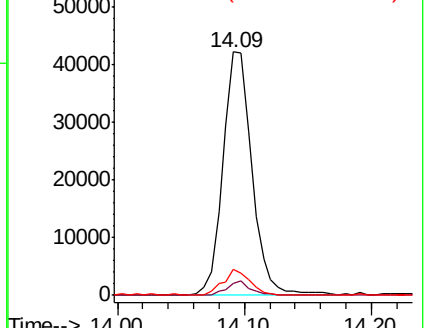
164 10.8 8.2 12.4



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



#51

Acenaphthene

Concen: 2.821 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG036040.D

Acq: 1 Aug 2018 19:12

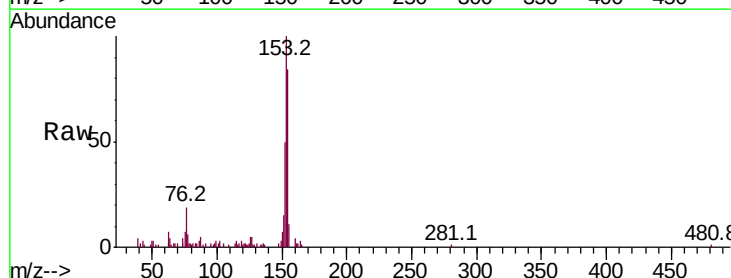
Tgt Ion:154 Resp: 18950

Ion Ratio Lower Upper

154 100

153 119.0 90.4 135.6

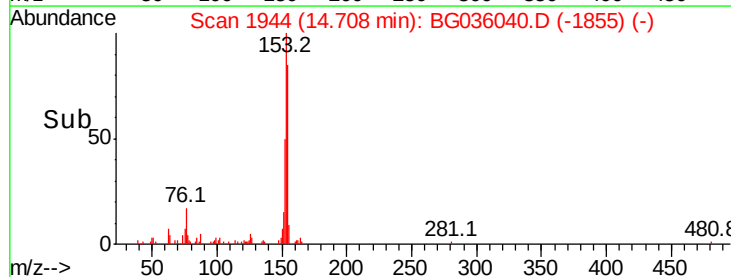
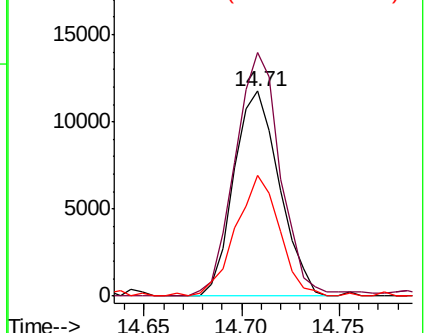
152 59.1 41.6 62.4

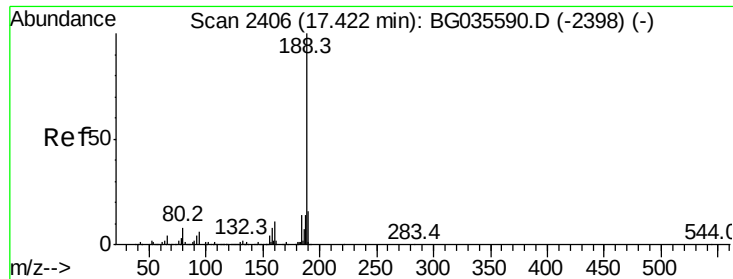


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

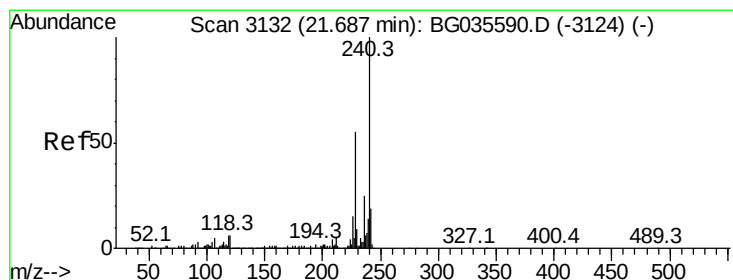
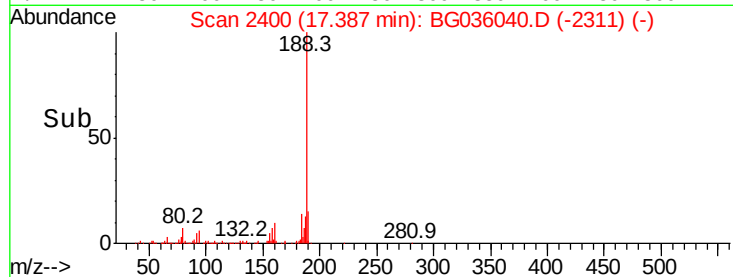
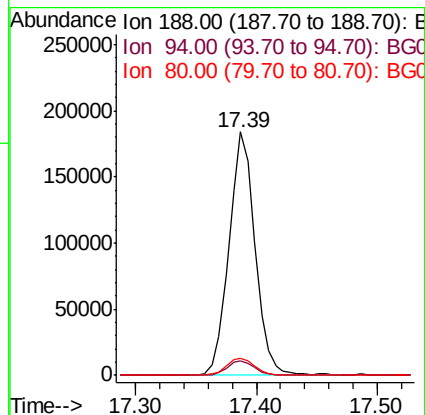
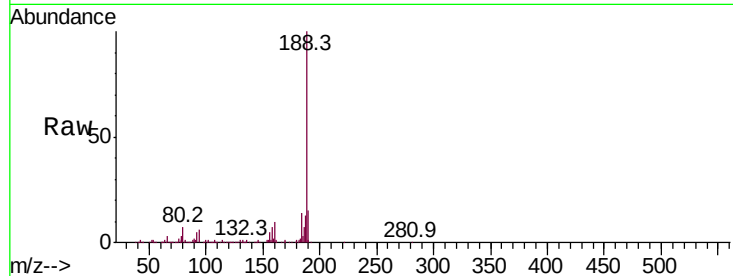




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

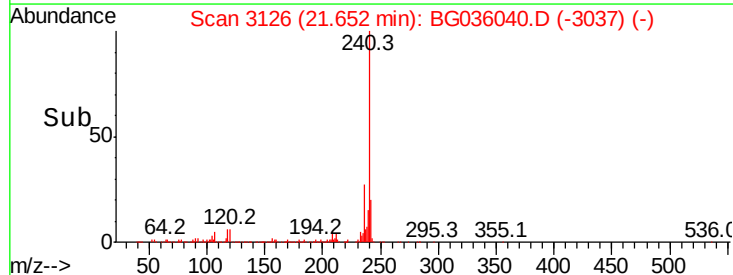
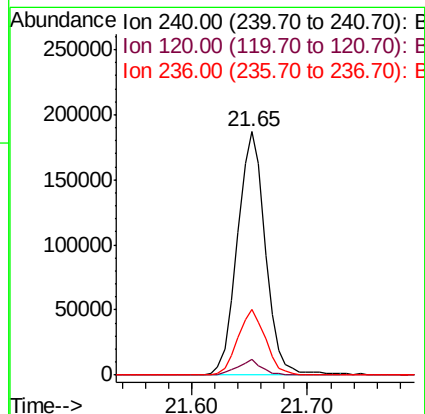
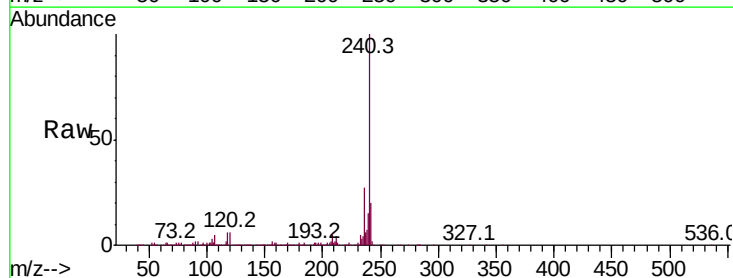
Instrument :
BNA_G
ClientSampleId :
MW-A27

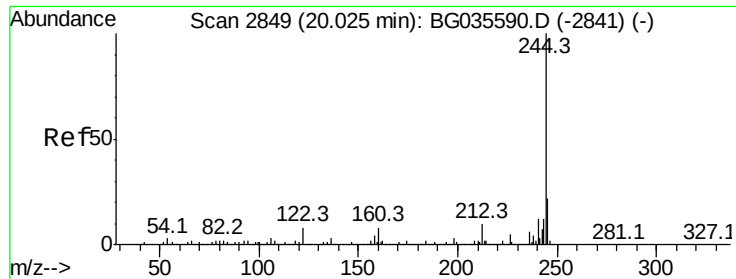
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.8	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036040.D
Acq: 1 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	27.2	20.9	31.3





#78

Terphenyl-d14

Concen: 93.619 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036040.D

Acq: 1 Aug 2018 19:12

Instrument :

BNA_G

ClientSampleId :

MW-A27

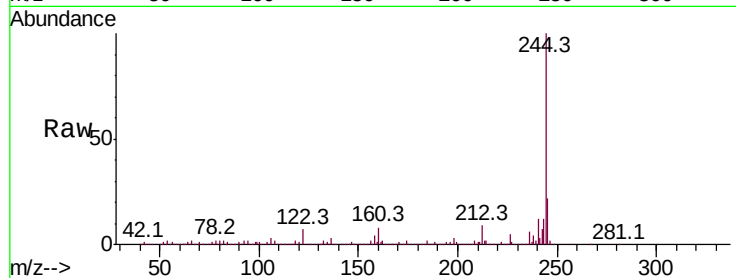
Tot Ion:244 Resp: 1332717

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

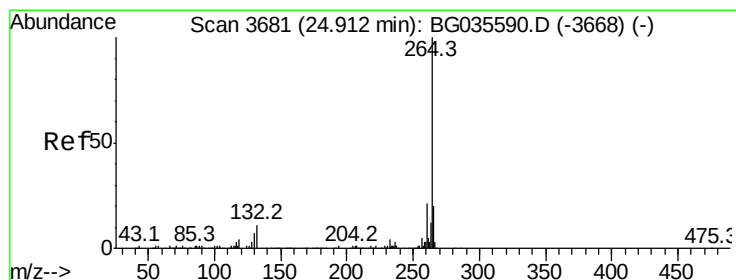
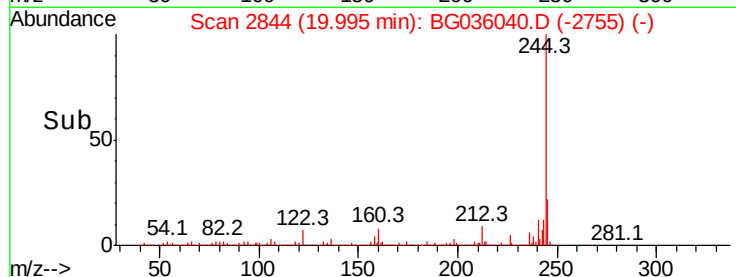
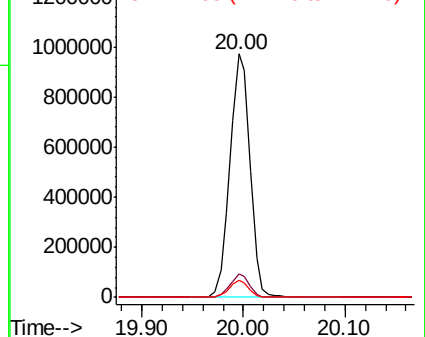
122 7.0 7.0 10.4



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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036040.D

Acq: 1 Aug 2018 19:12

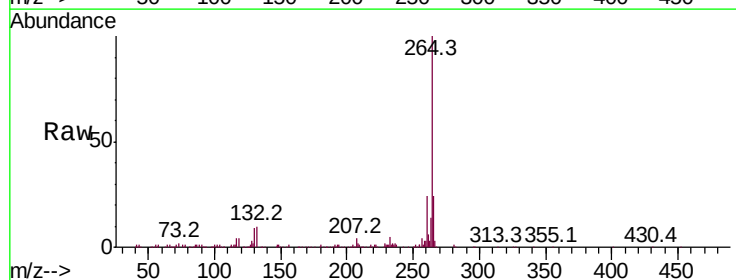
Tgt Ion:264 Resp: 306074

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 24.0 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

