

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036740.D
 Acq On : 15 Sep 2018 14:19
 Operator : JU/SJ
 Sample : J4906-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-1

Quant Time: Sep 17 04:22:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

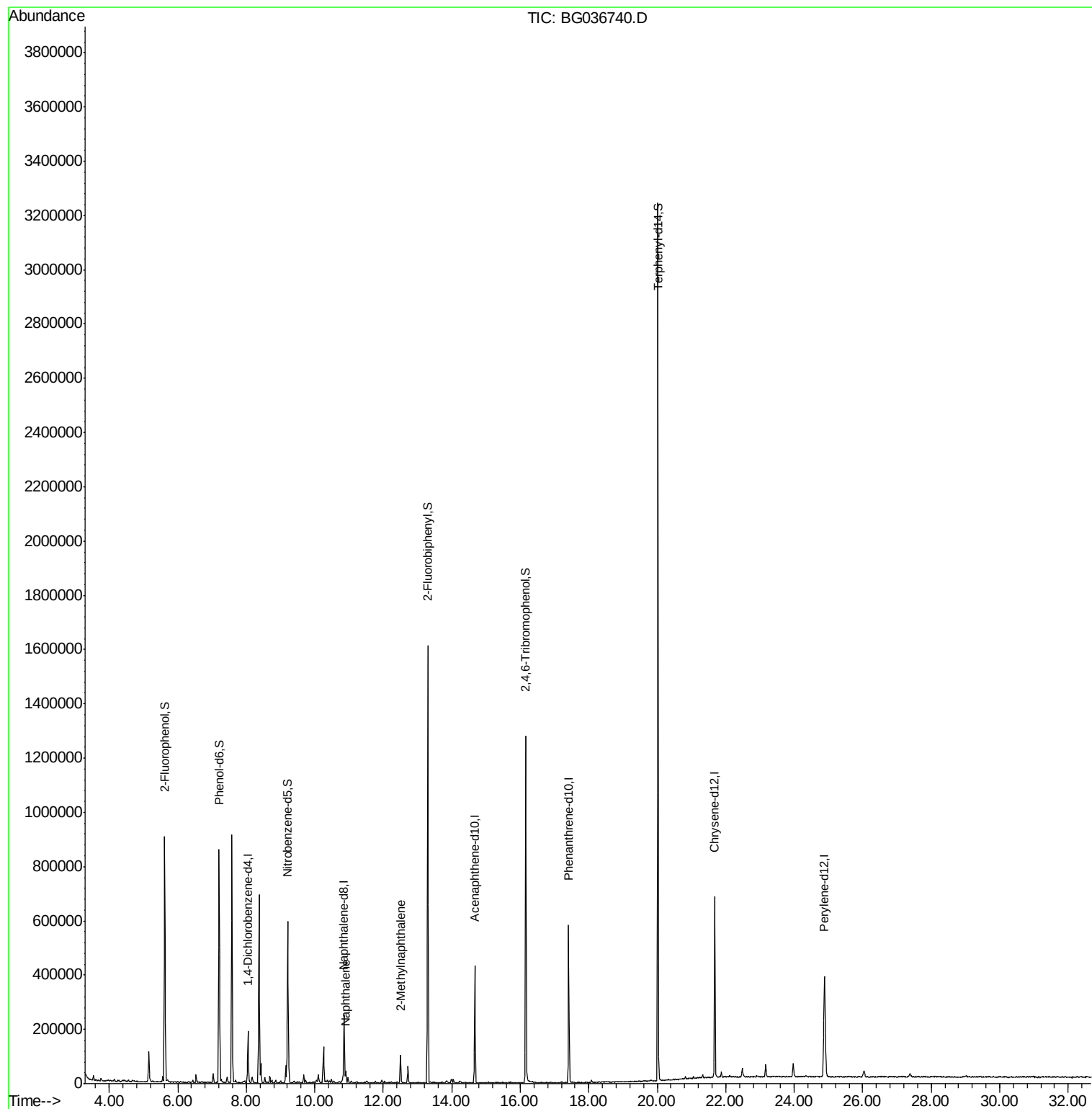
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53991	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	212099	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	144803	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	377963	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	403611	20.00	ng	-0.02
86) Perylene-d12	24.89	264	401621	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	368191	108.18	ng	0.00
7) Phenol-d6	7.21	99	474672	97.41	ng	-0.01
23) Nitrobenzene-d5	9.21	82	355728	91.00	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	245190	141.91	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	828524	81.70	ng	-0.01
78) Terphenyl-d14	20.02	244	1463814	84.77	ng	-0.01
Target Compounds						
31) Naphthalene	10.91	128	26595	2.508	ng	Qvalue # 95
37) 2-Methylnaphthalene	12.51	142	49458	6.375	ng	97

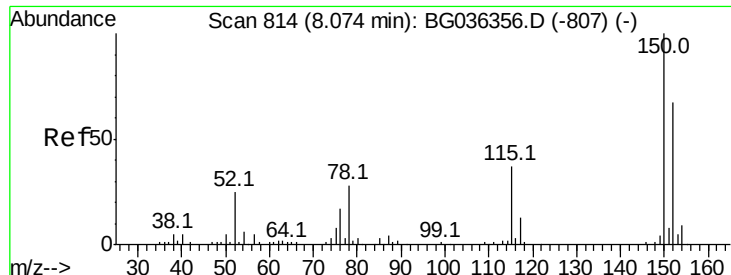
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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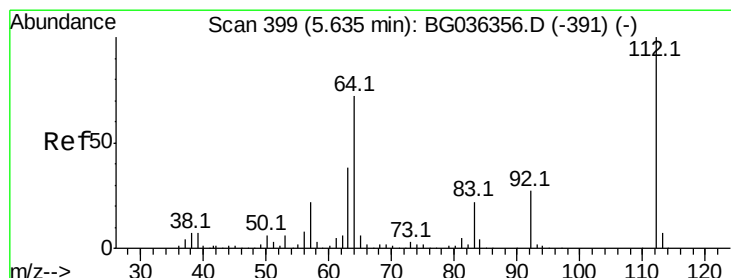
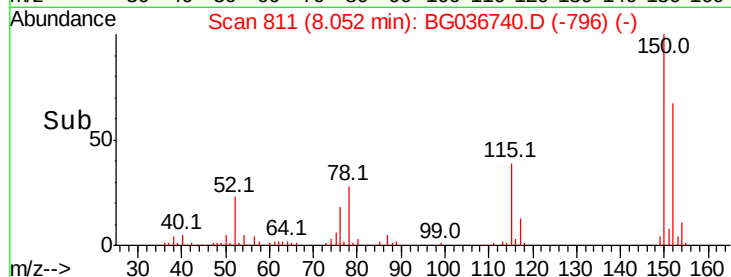
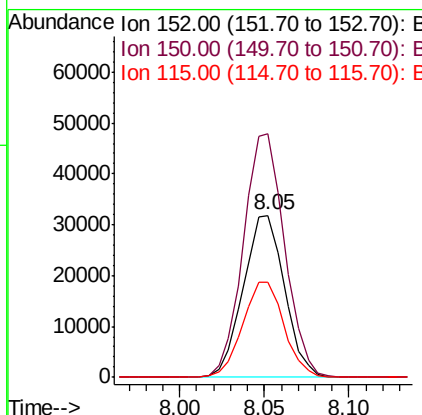
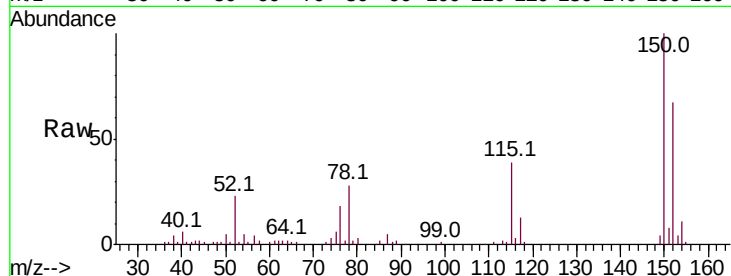




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036740.D
 Acq: 15 Sep 2018 14:19

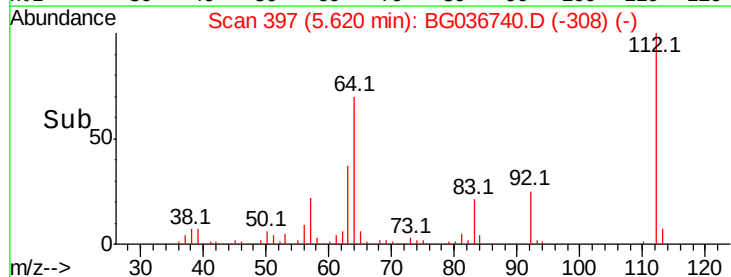
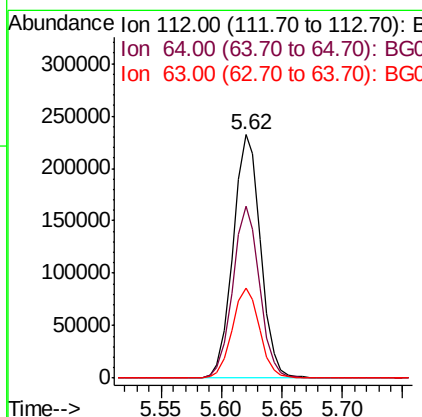
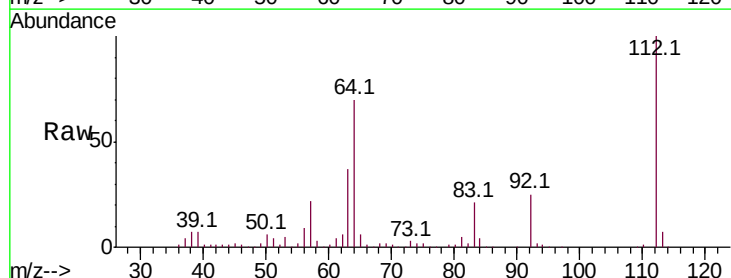
Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-1

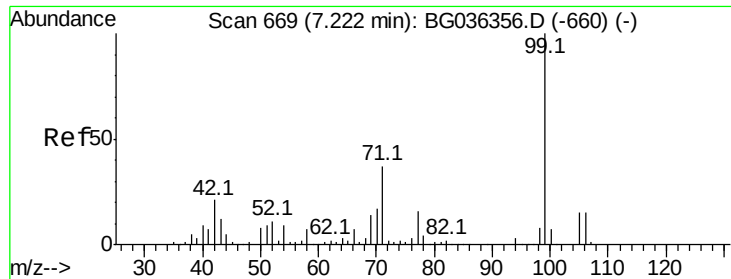
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	119.5	179.3
115	58.9	44.5	66.7



#5
 2-Fluorophenol
 Concen: 108.177 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036740.D
 Acq: 15 Sep 2018 14:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	57.2	85.8
63	36.8	30.8	46.2





#7

Phenol-d6

Concen: 97.407 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036740.D

Acq: 15 Sep 2018 14:19

Instrument :

BNA_G

ClientSampled :

SP-PIT-1

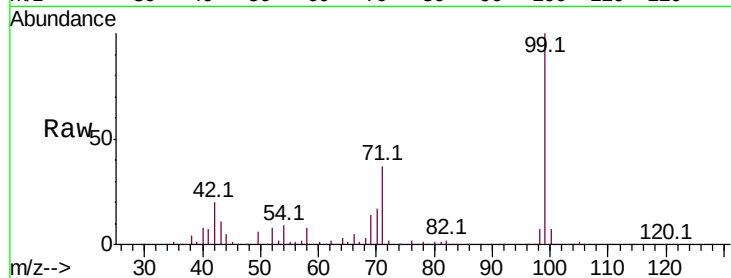
Tot Ion: 99 Resp: 474672

Ion Ratio Lower Upper

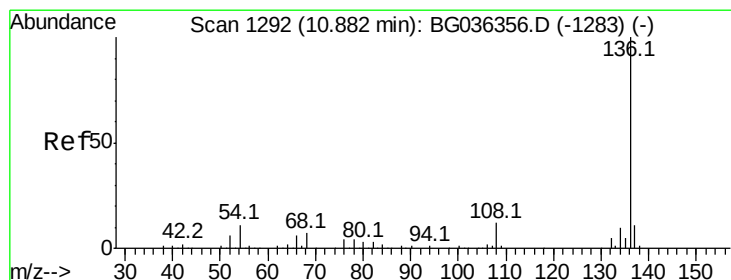
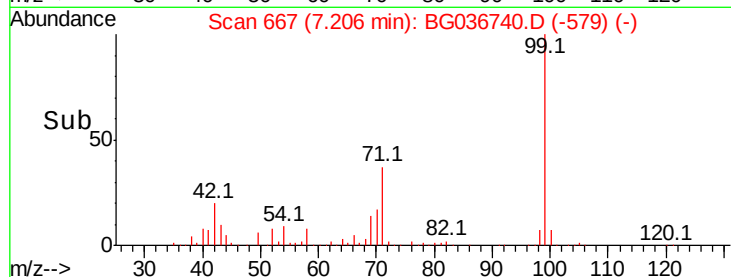
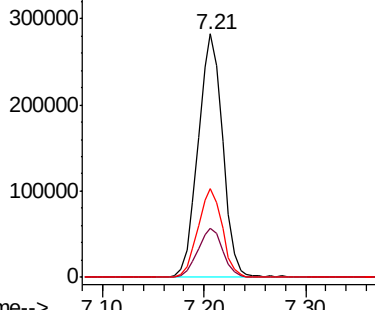
99 100

42 20.3 16.5 24.7

71 36.6 29.4 44.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036740.D

Acq: 15 Sep 2018 14:19

Tgt Ion: 136 Resp: 212099

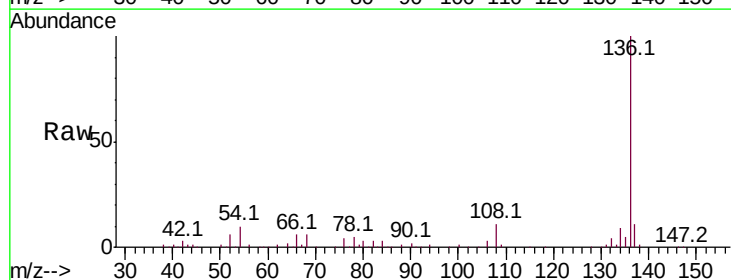
Ion Ratio Lower Upper

136 100

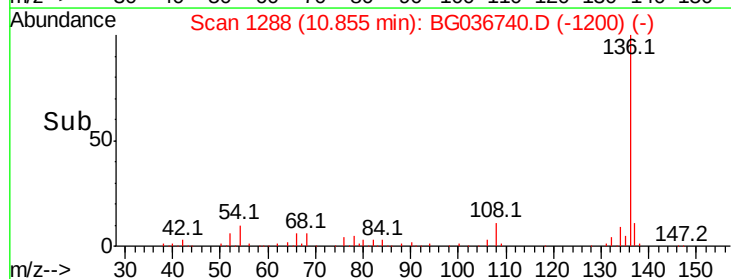
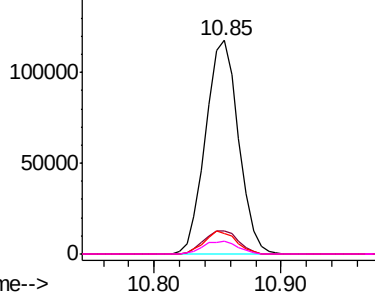
137 10.8 8.8 13.2

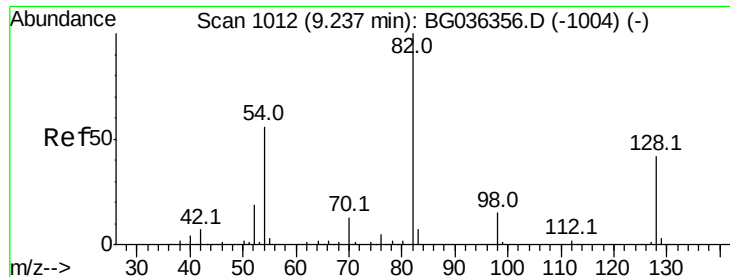
54 9.8 9.2 13.8

68 6.2 5.8 8.6



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: 90.998 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036740.D

Acq: 15 Sep 2018 14:19

Instrument :

BNA_G

ClientSampleId :

SP-PIT-1

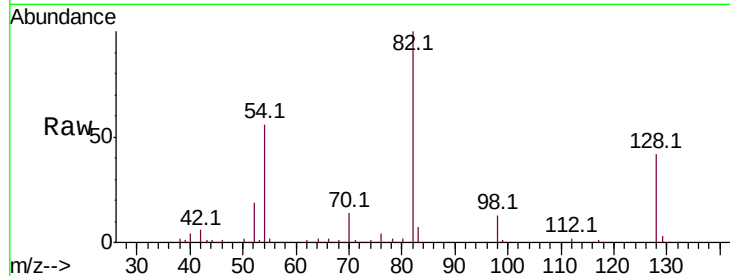
Tot Ion: 82 Resp: 355728

Ion Ratio Lower Upper

82 100

128 42.5 33.3 49.9

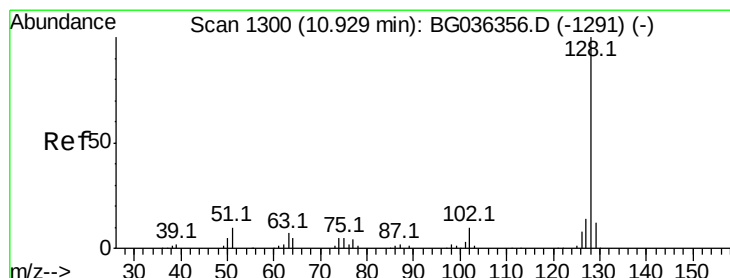
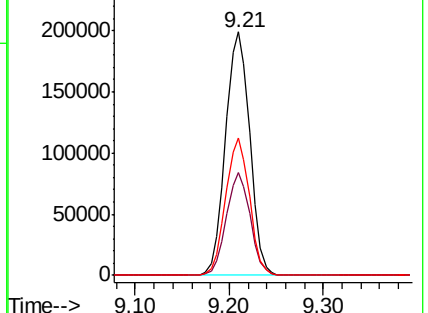
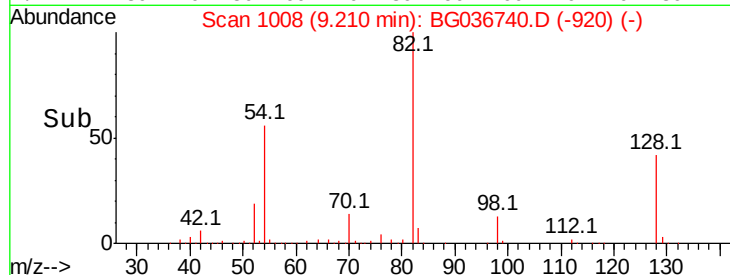
54 56.3 45.1 67.7



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



#31

Naphthalene

Concen: 2.508 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG036740.D

Acq: 15 Sep 2018 14:19

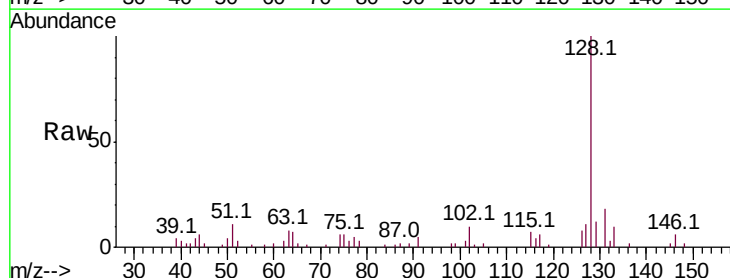
Tgt Ion: 128 Resp: 26595

Ion Ratio Lower Upper

128 100

129 12.5 9.4 14.2

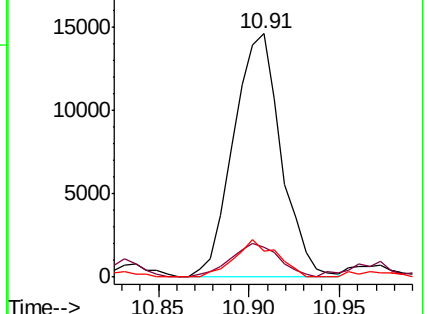
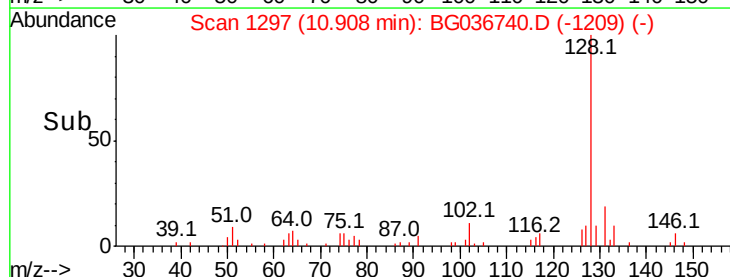
127 10.6 11.0 16.4#

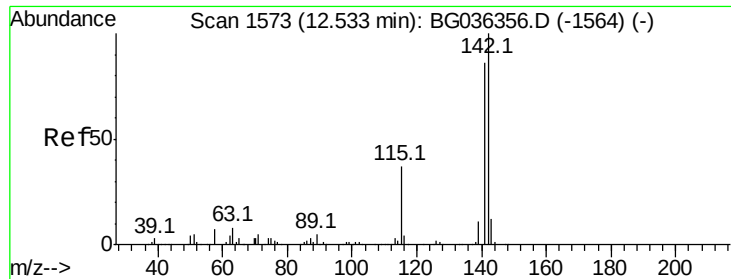


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

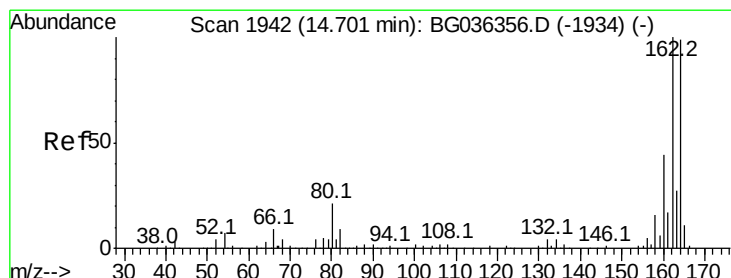
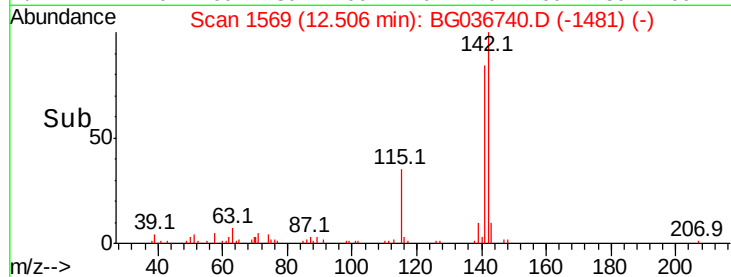
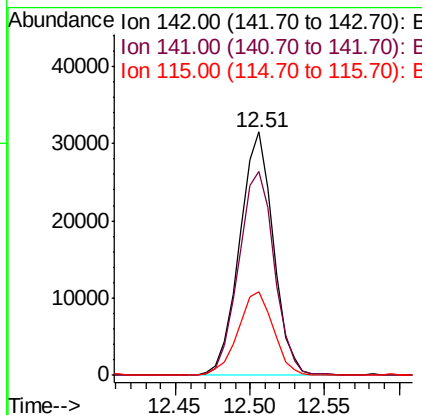
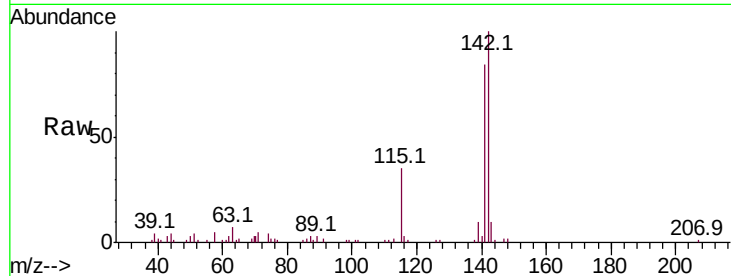




#37
2-Methylnaphthalene
Concen: 6.375 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036740.D
Acq: 15 Sep 2018 14:19

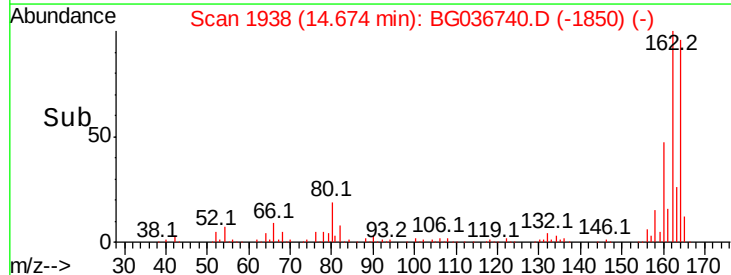
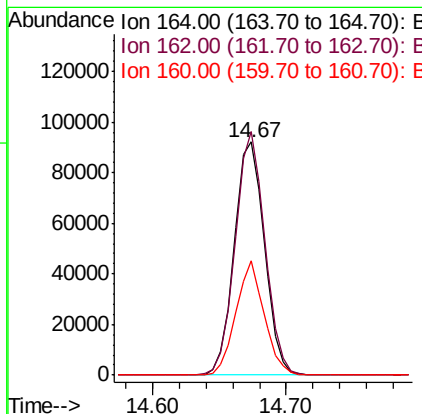
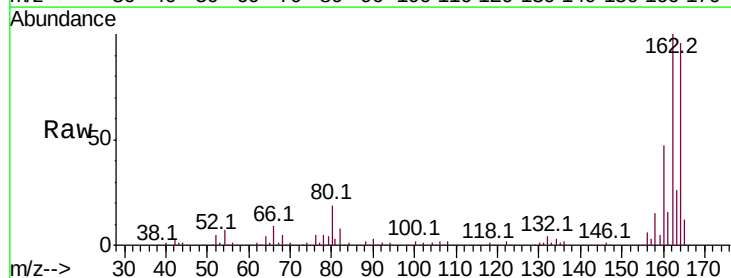
Instrument :
BNA_G
ClientSampleId :
SP-PIT-1

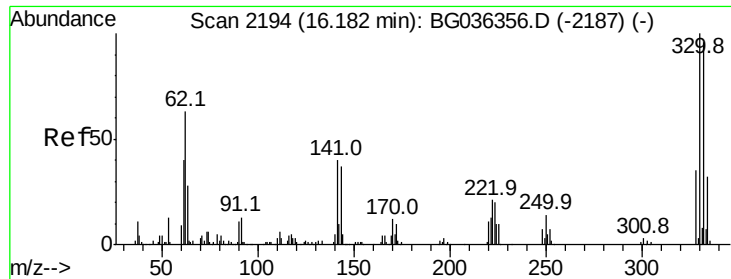
Tot Ion:142 Resp: 49458
Ion Ratio Lower Upper
142 100
141 83.6 68.5 102.7
115 34.6 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036740.D
Acq: 15 Sep 2018 14:19

Tgt Ion:164 Resp: 144803
Ion Ratio Lower Upper
164 100
162 104.6 80.7 121.1
160 48.9 35.3 52.9

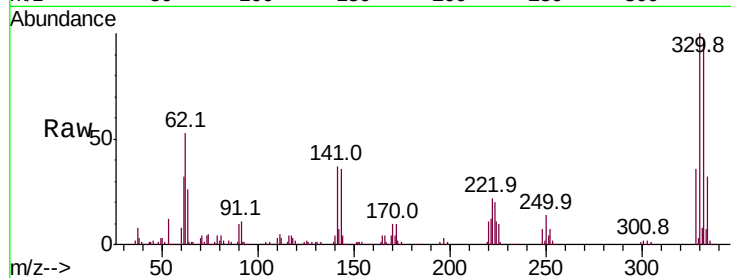




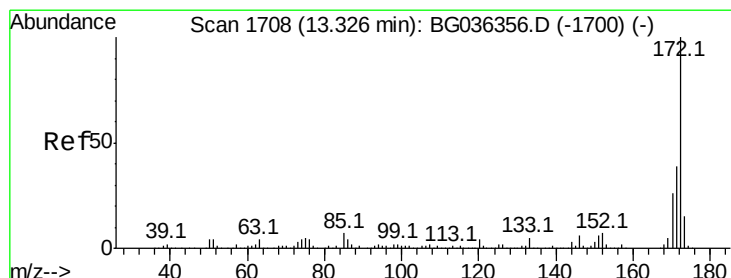
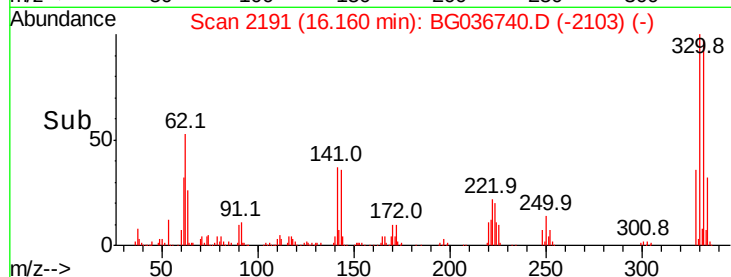
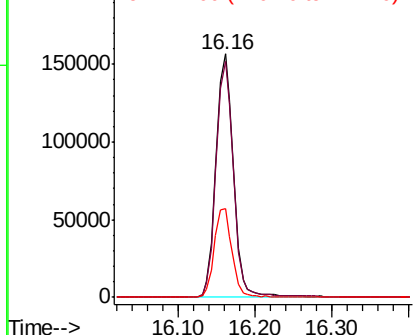
#41
 2,4,6-Tribromophenol
 Concen: 141.907 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036740.D
 Acq: 15 Sep 2018 14:19

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.2
141	36.8	30.7	46.1

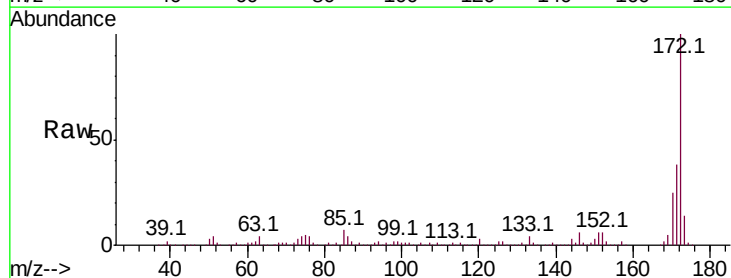


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

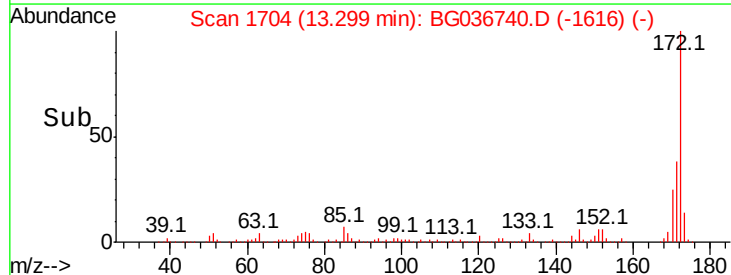
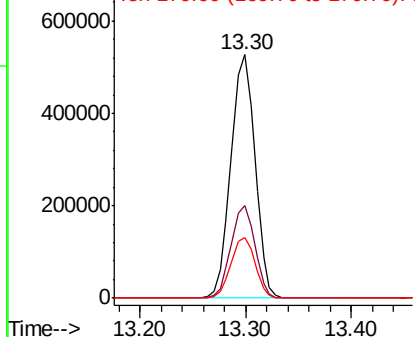


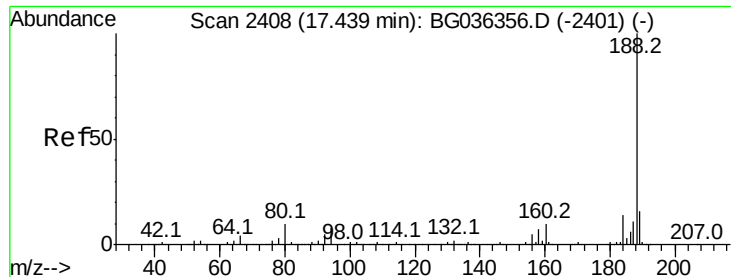
#44
 2-Fluorobiphenyl
 Concen: 81.696 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036740.D
 Acq: 15 Sep 2018 14:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.0	21.0	31.6



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

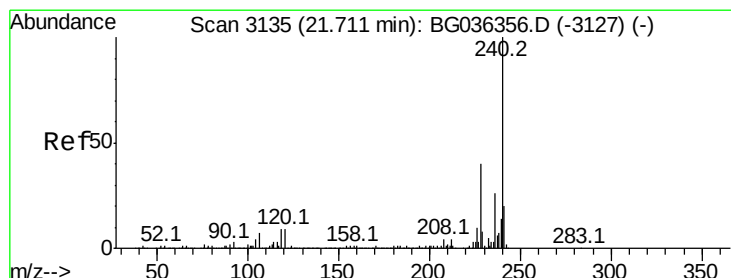
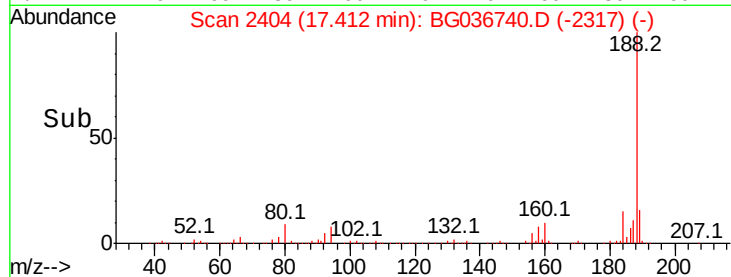
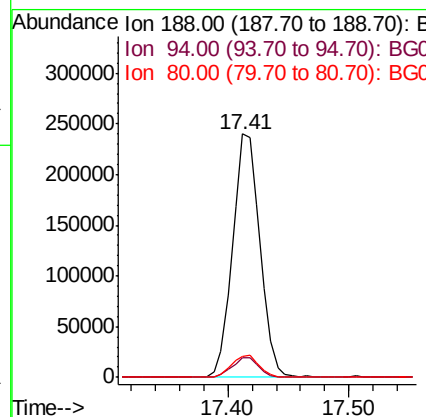
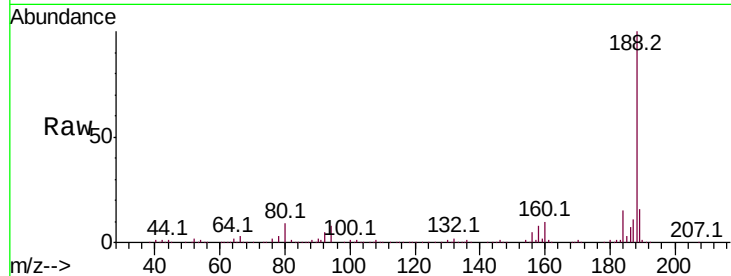




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036740.D
Acq: 15 Sep 2018 14:19

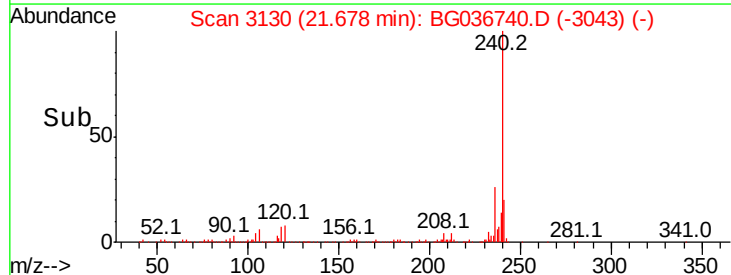
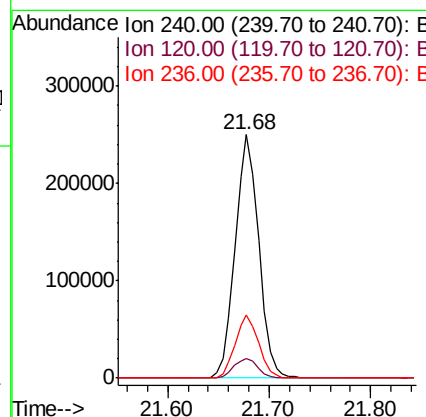
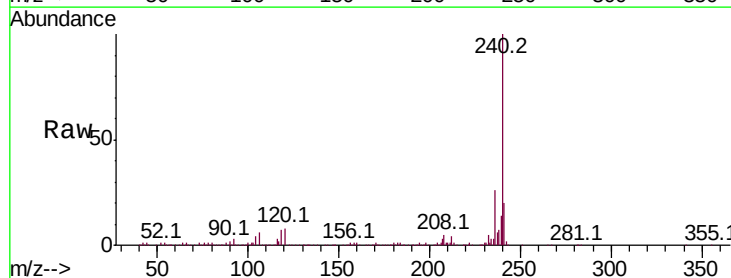
Instrument :
BNA_G
ClientSampleId :
SP-PIT-1

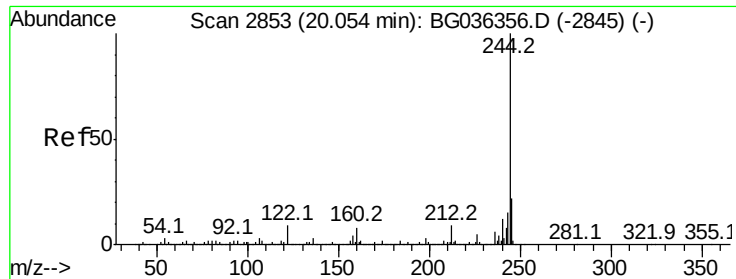
Tot Ion:188 Resp: 377963
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.8 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036740.D
Acq: 15 Sep 2018 14:19

Tgt Ion:240 Resp: 403611
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 25.7 21.2 31.8





#78

Terphenyl-d14

Concen: 84.771 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036740.D

Acq: 15 Sep 2018 14:19

Instrument :

BNA_G

ClientSampled :

SP-PIT-1

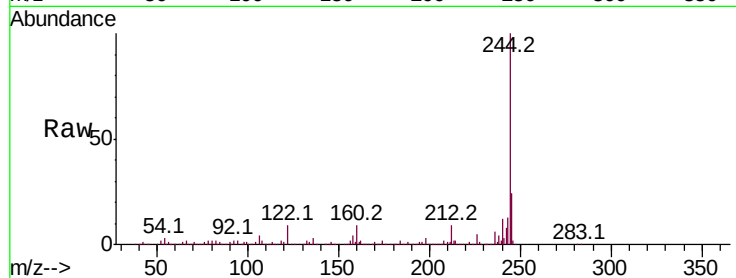
Tot Ion:244 Resp: 1463814

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

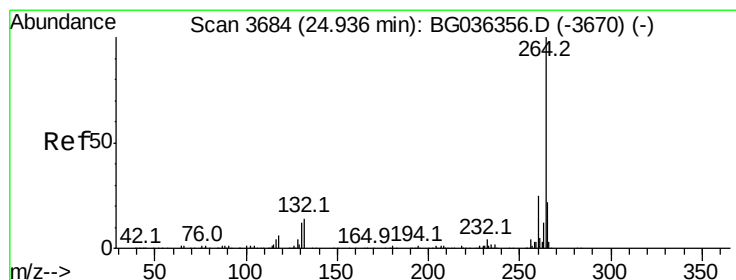
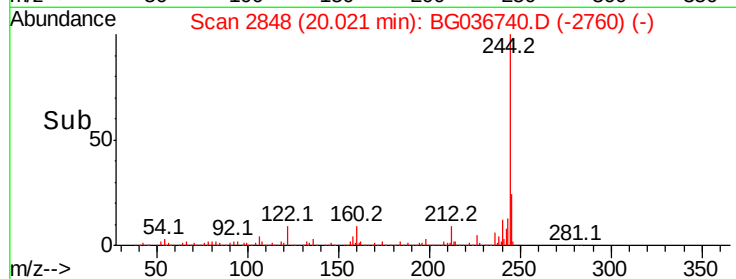
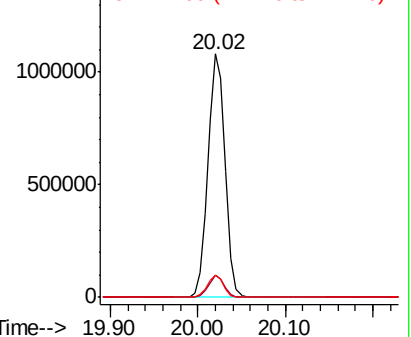
122 9.4 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036740.D

Acq: 15 Sep 2018 14:19

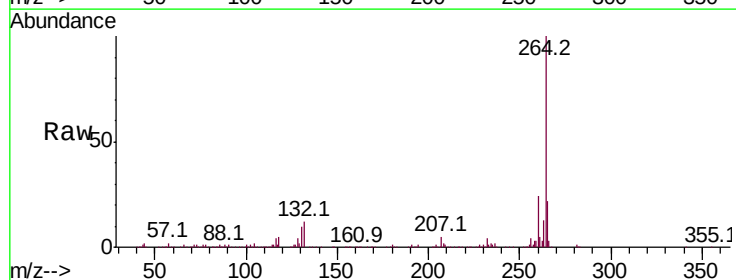
Tgt Ion:264 Resp: 401621

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.6 17.4 26.0



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

