

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036280.D
 Acq On : 10 Aug 2018 23:20
 Operator : JU/SJ
 Sample : J4272-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-080918-K

Quant Time: Aug 11 04:37:08 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

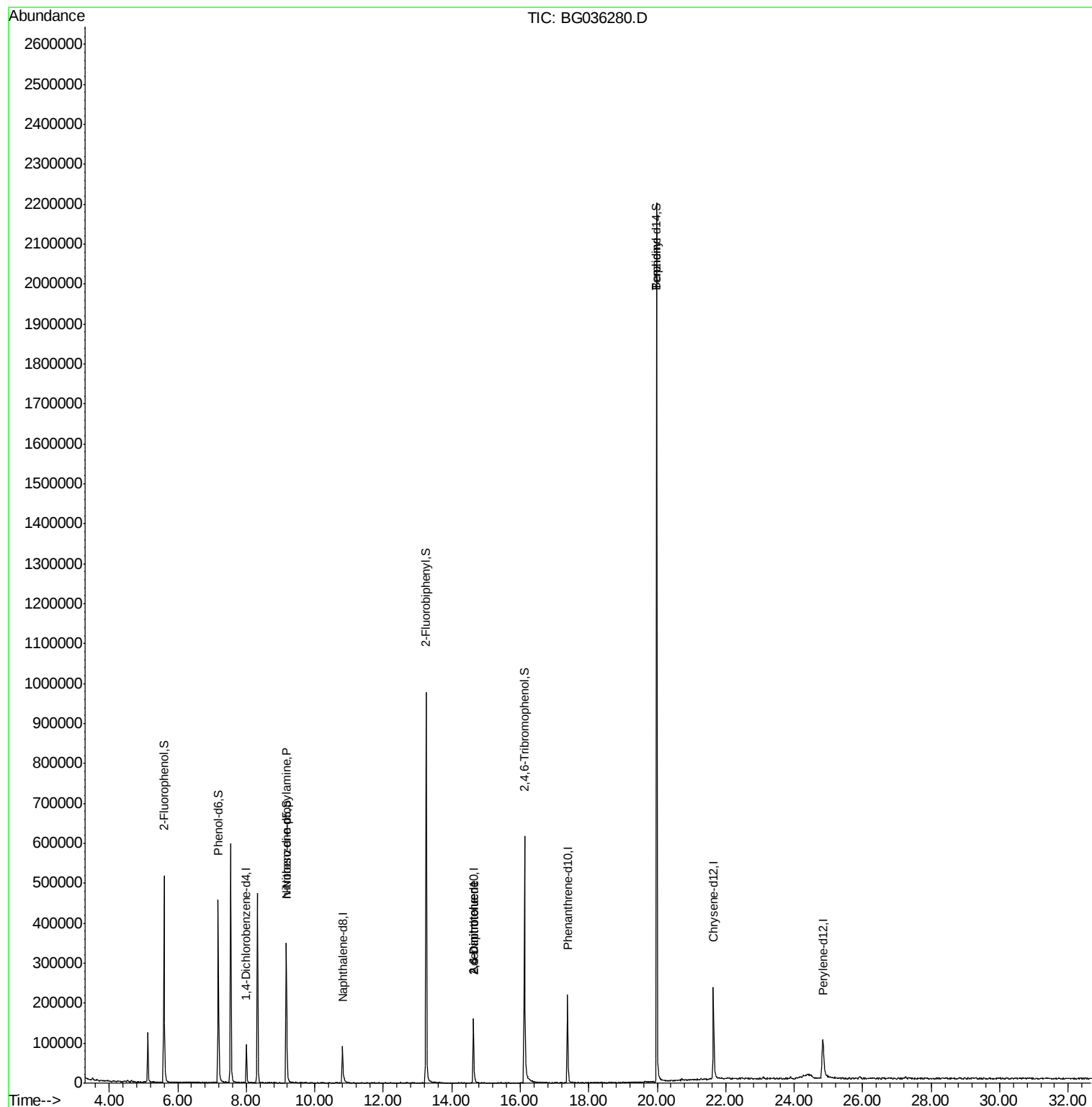
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27153	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	94560	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	65339	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	179480	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	193498	20.00	ng	-0.02
86) Perylene-d12	24.84	264	167092	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	229194	140.14	ng	0.00
7) Phenol-d6	7.18	99	288825	118.36	ng	-0.01
23) Nitrobenzene-d5	9.17	82	256993	113.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	142165	165.08	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	592236	121.43	ng	-0.02
78) Terphenyl-d14	19.98	244	1095654	124.82	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	35916	17.479	ng	# 64
50) 2,6-Dinitrotoluene	14.63	165	9049	7.762	ng	# 21
56) 2,4-Dinitrotoluene	14.63	165	9049	5.411	ng	# 19
76) Benzidine	19.98	184	19154	3.765	ng	# 87

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

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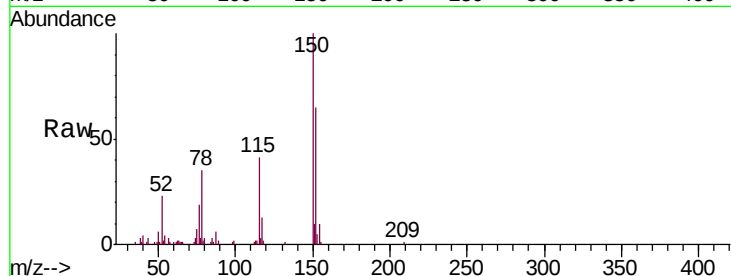


#1

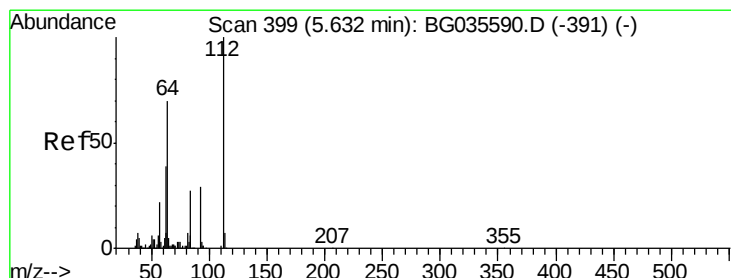
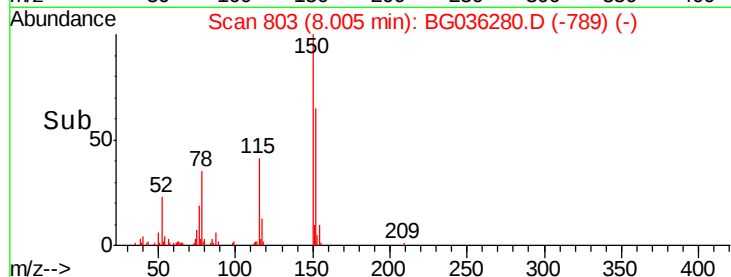
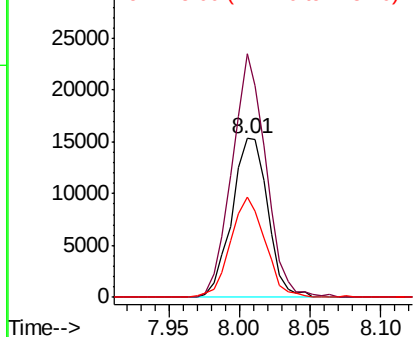
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036280.D
Acq: 10 Aug 2018 23:20

Instrument :
BNA_G
ClientSampleId :
JC-03-080918-K

Tgt Ion:152 Resp: 27153
Ion Ratio Lower Upper
152 100
150 153.2 126.6 189.8
115 63.0 53.0 79.4



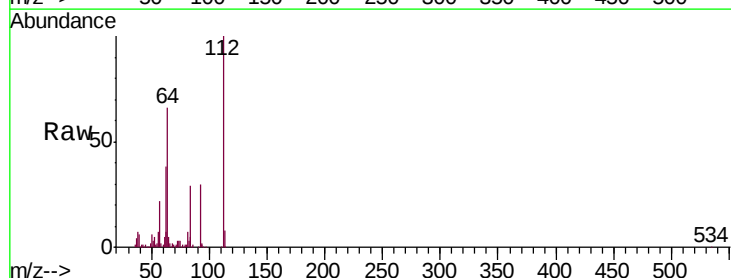
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



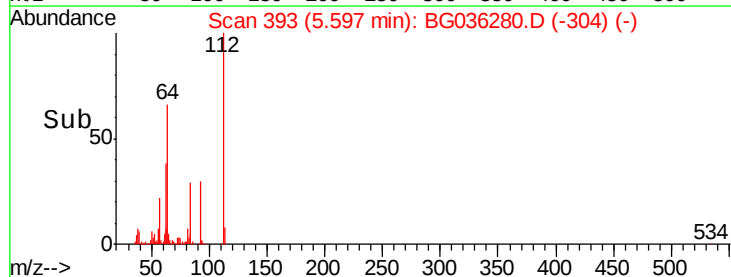
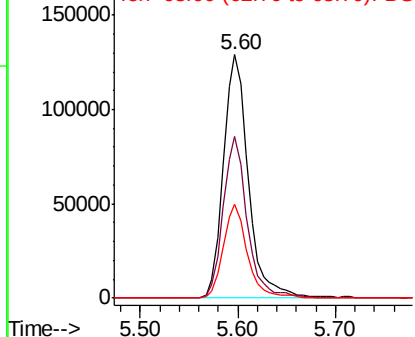
#5

2-Fluorophenol
Concen: 140.138 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036280.D
Acq: 10 Aug 2018 23:20

Tgt Ion:112 Resp: 229194
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 38.4 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: 118.364 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036280.D

Acq: 10 Aug 2018 23:20

Instrument :

BNA_G

ClientSampleId :

JC-03-080918-K

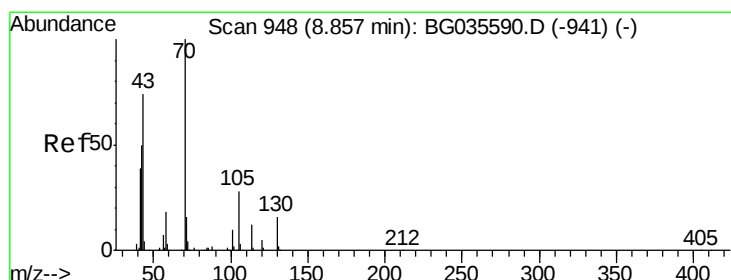
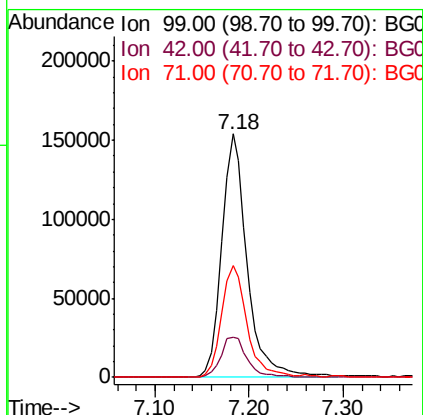
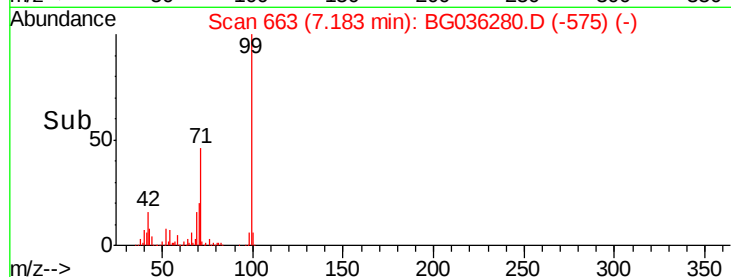
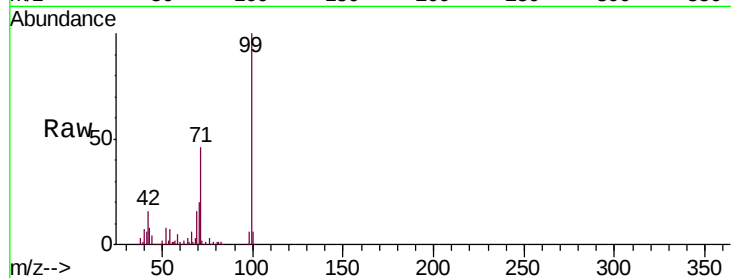
Tgt Ion: 99 Resp: 288825

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 46.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 17.479 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036280.D

Acq: 10 Aug 2018 23:20

Tgt Ion: 70 Resp: 35916

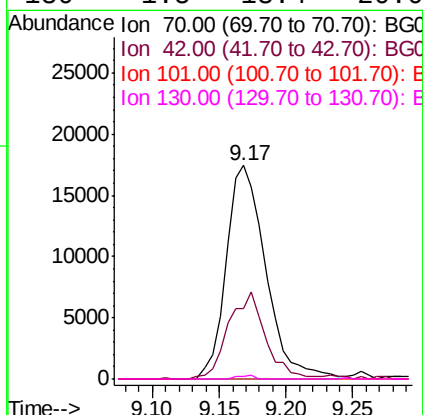
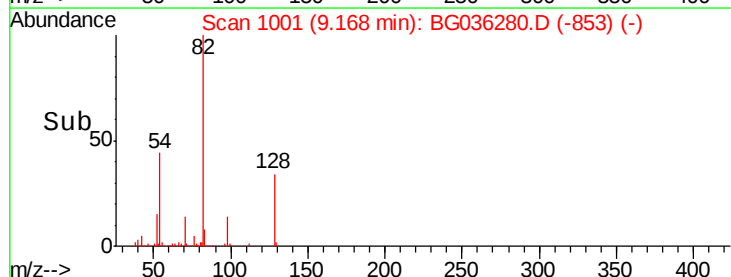
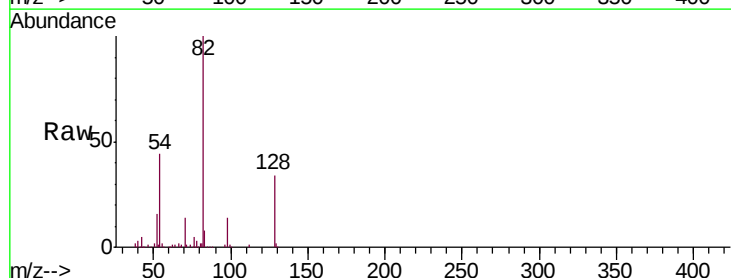
Ion Ratio Lower Upper

70 100

42 33.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#

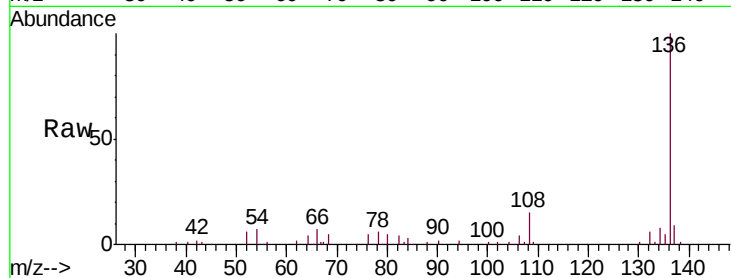




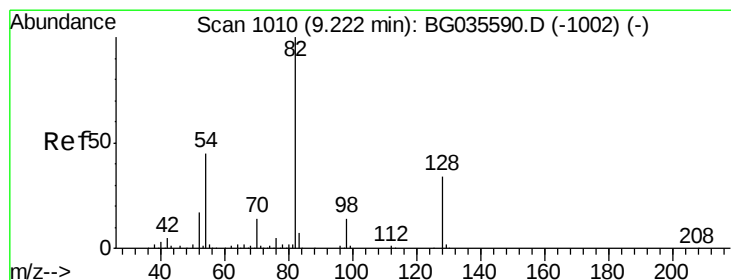
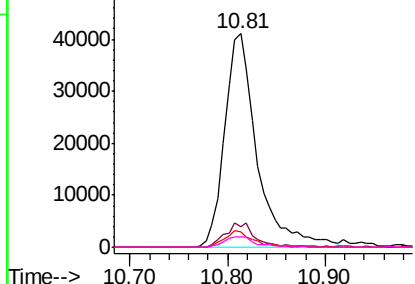
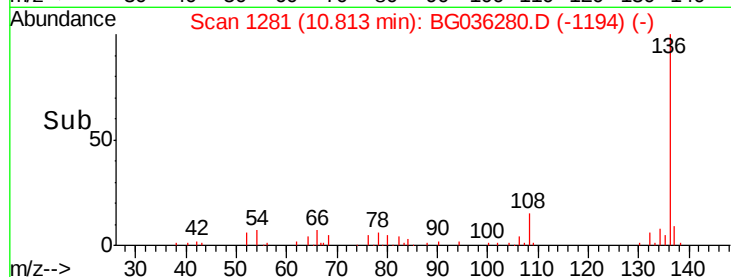
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036280.D
Acq: 10 Aug 2018 23:20

Instrument :
BNA_G
ClientSampleId :
JC-03-080918-K

Tgt Ion:	136	Resp:	94560
Ion	Ratio	Lower	Upper
136	100		
137	9.3	9.2	13.8
54	7.4	10.3	15.5
68	5.1	4.5	6.7

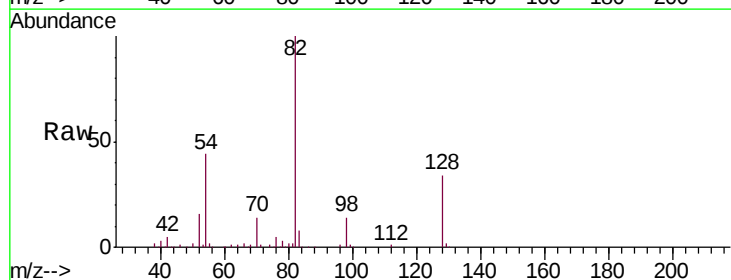


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

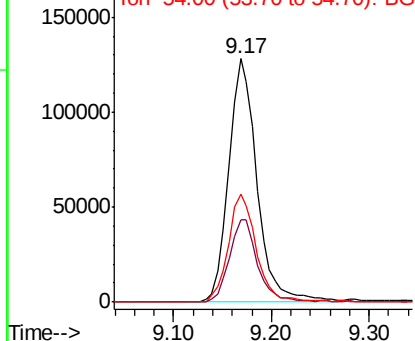
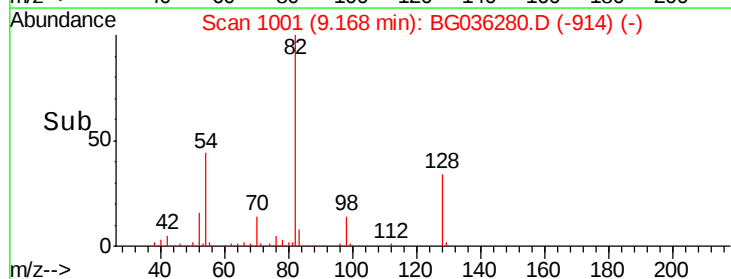


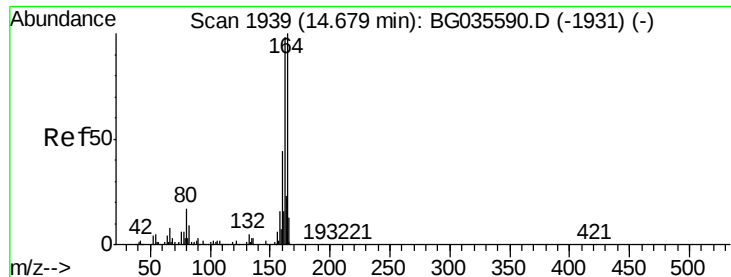
#23
Nitrobenzene-d5
Concen: 113.534 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036280.D
Acq: 10 Aug 2018 23:20

Tgt Ion:	82	Resp:	256993
Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.7	44.5
54	44.2	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: BG036280.D

Acq: 10 Aug 2018 23:20

Instrument :

BNA_G

ClientSampleId :

JC-03-080918-K

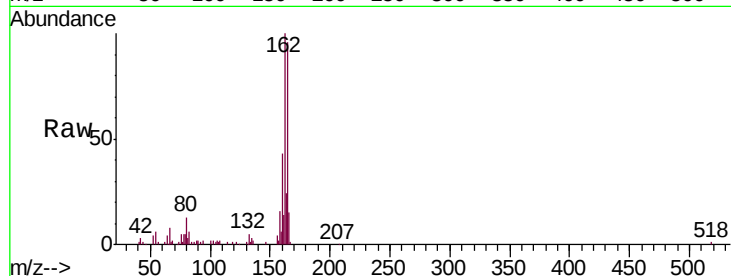
Tgt Ion:164 Resp: 65339

Ion Ratio Lower Upper

164 100

162 103.7 78.8 118.2

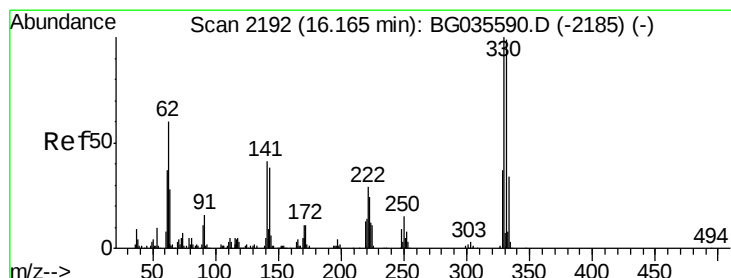
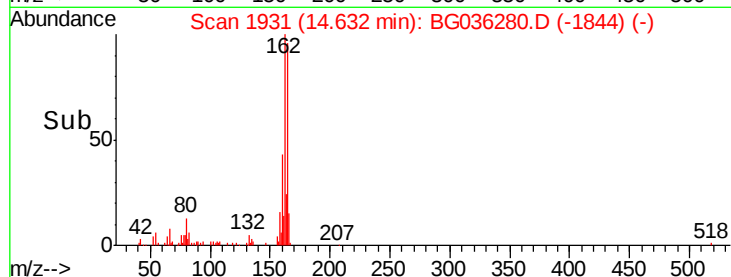
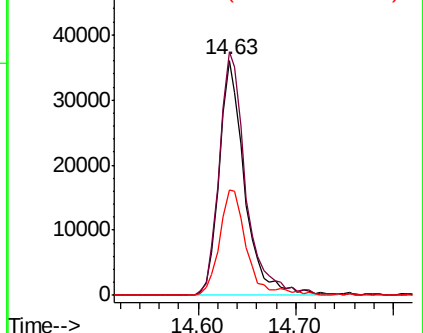
160 44.6 35.4 53.0



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: 165.076 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036280.D

Acq: 10 Aug 2018 23:20

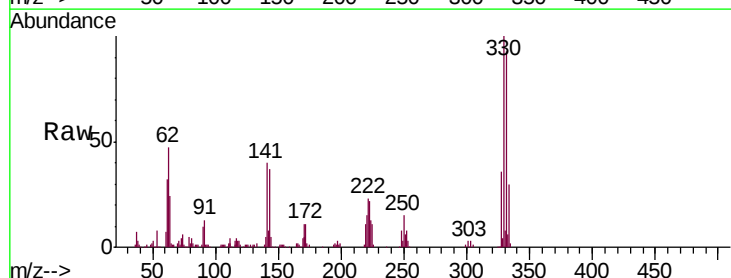
Tgt Ion:330 Resp: 142165

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

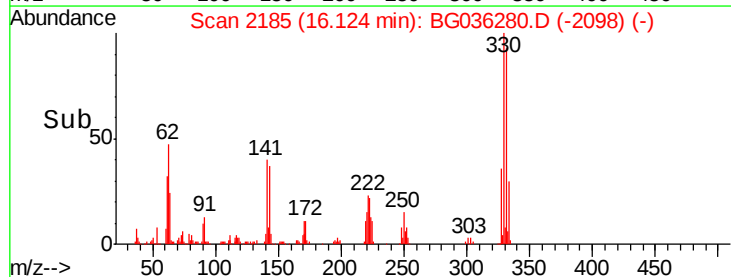
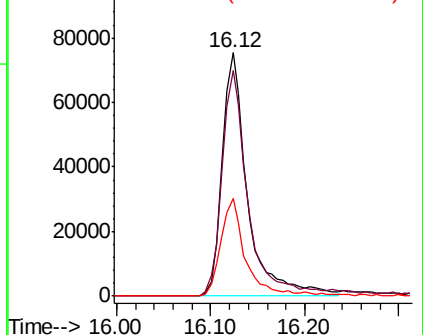
141 39.5 25.2 37.8#

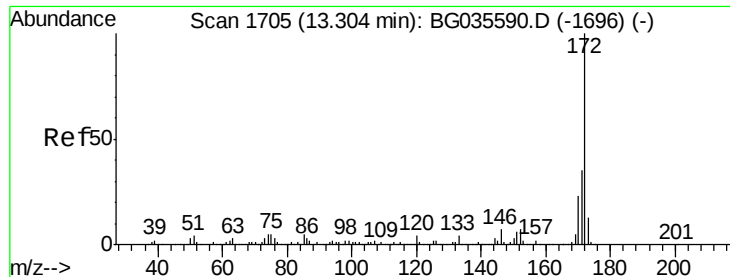


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

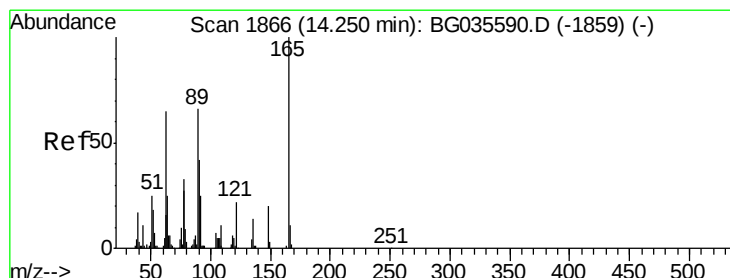
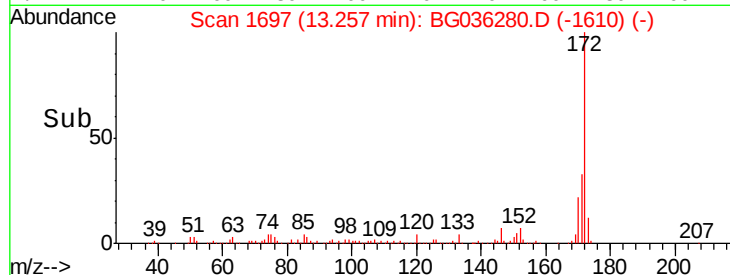
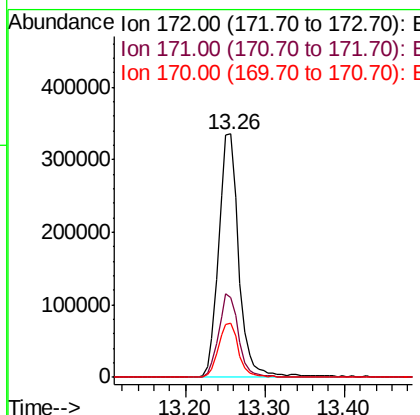
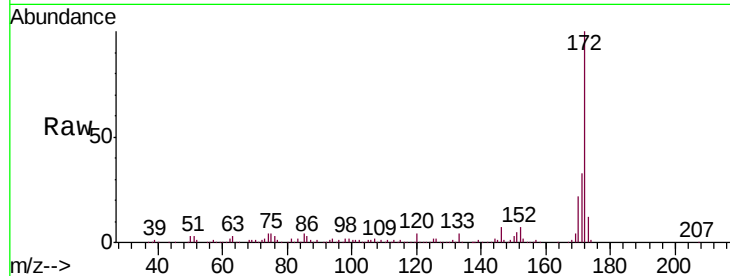




#44
 2-Fluorobiphenyl
 Concen: 121.435 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036280.D
 Acq: 10 Aug 2018 23:20

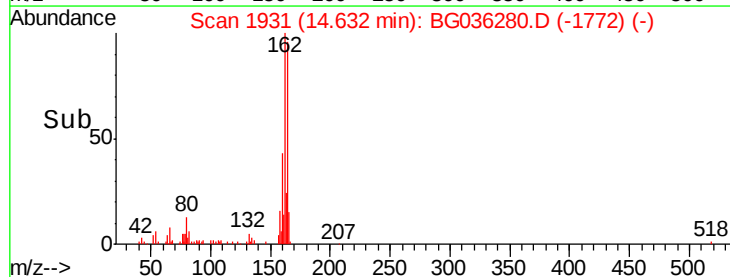
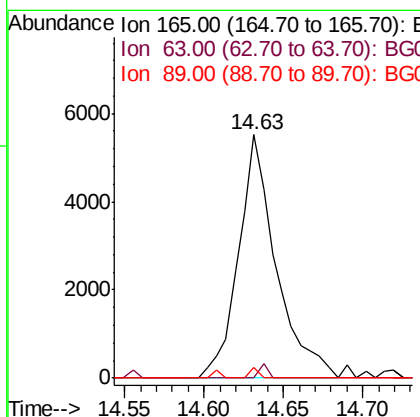
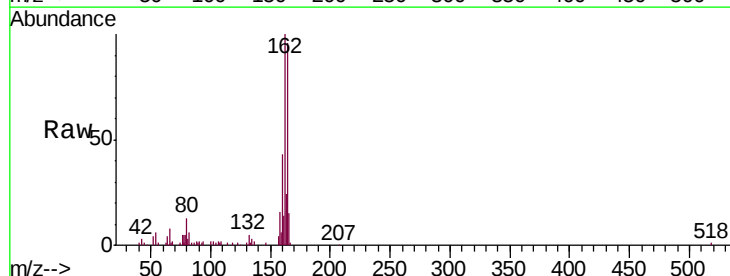
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-080918-K

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.8	30.0	45.0
170	22.0	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.762 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.40 min
 Lab File: BG036280.D
 Acq: 10 Aug 2018 23:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	4.2	49.2	73.8#





#56

2,4-Dinitrotoluene

Concen: 5.411 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.38 min

Lab File: BG036280.D

Acq: 10 Aug 2018 23:20

Instrument :

BNA_G

ClientSampleId :

JC-03-080918-K

Tgt Ion:165 Resp: 9049

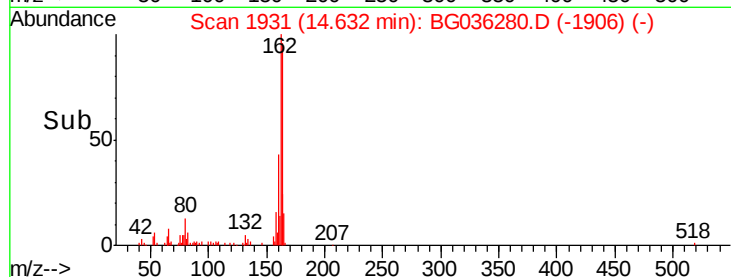
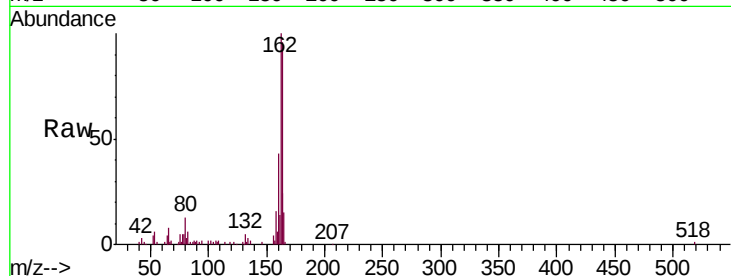
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 4.2 66.9 100.3#

182 0.0 2.6 3.8#

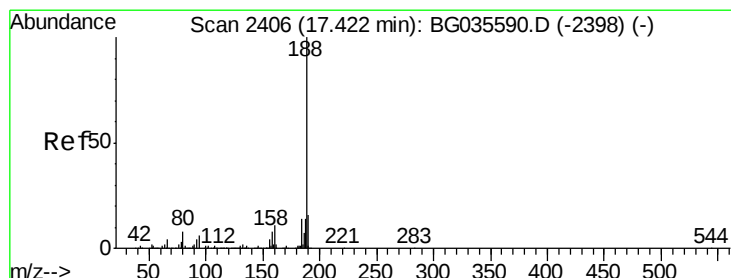
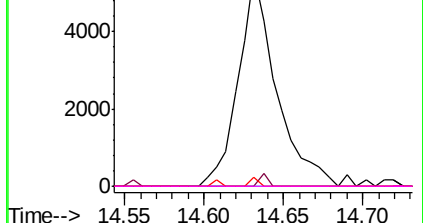


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036280.D

Acq: 10 Aug 2018 23:20

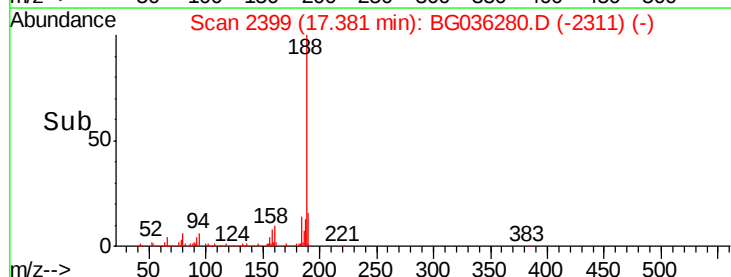
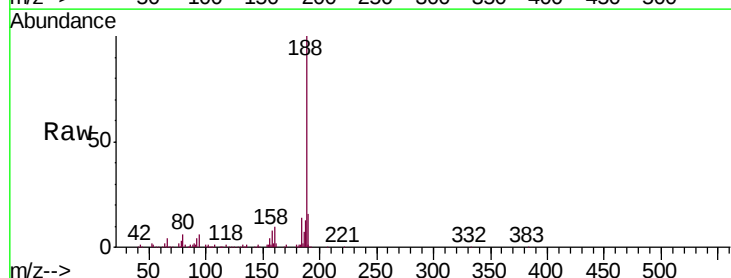
Tgt Ion:188 Resp: 179480

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

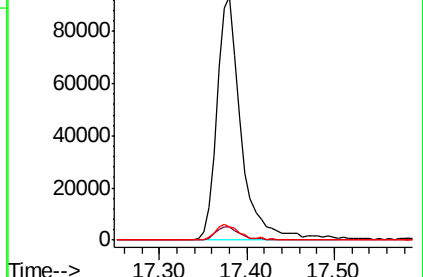
80 5.6 7.7 11.5#

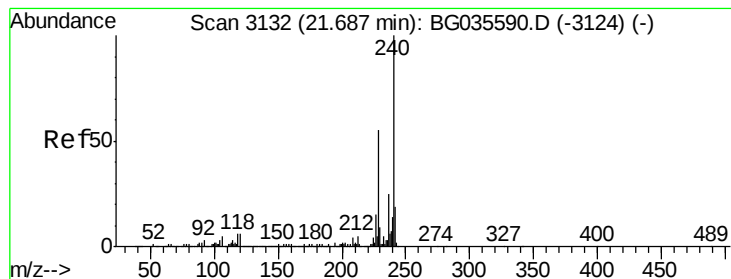


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036280.D

Acq: 10 Aug 2018 23:20

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JC-03-080918-K

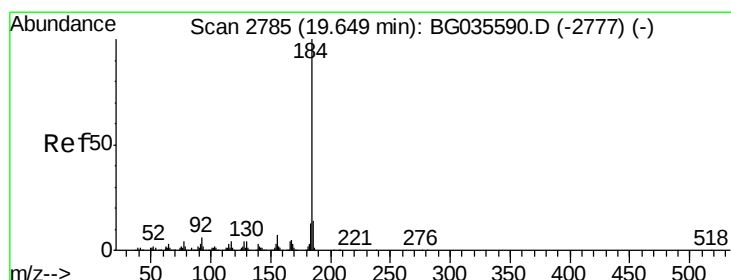
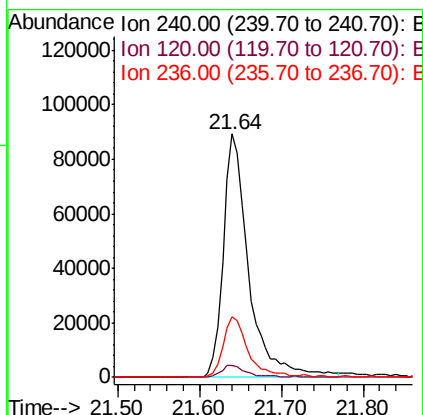
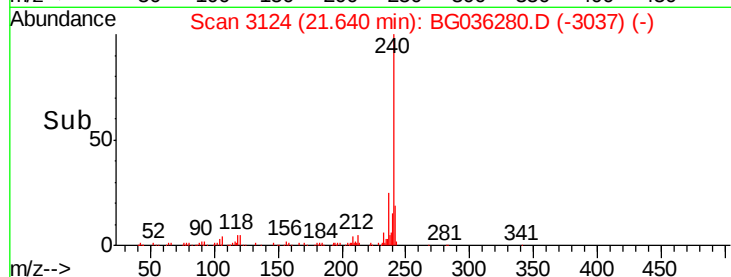
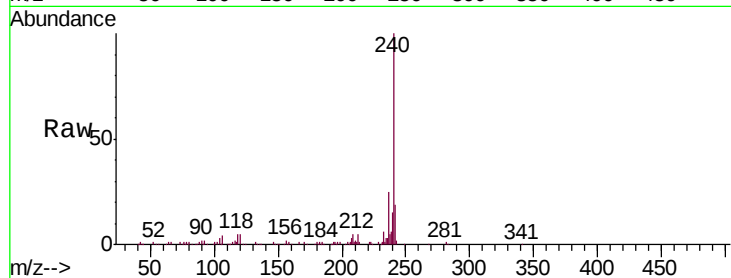
Tgt Ion:240 Resp: 193498

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

236 25.1 20.9 31.3



#76

Benzidine

Concen: 3.765 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036280.D

Acq: 10 Aug 2018 23:20

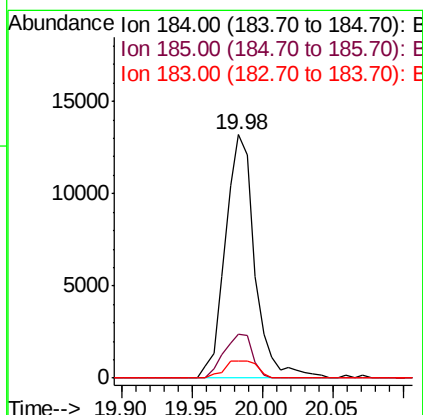
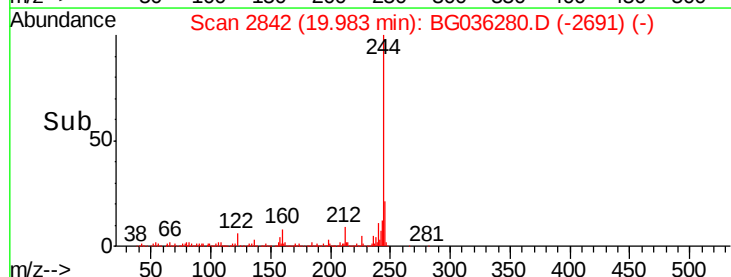
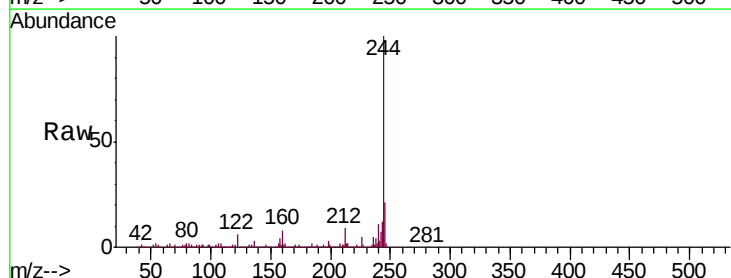
Tgt Ion:184 Resp: 19154

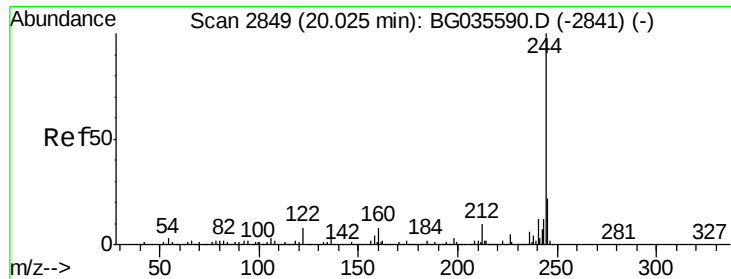
Ion Ratio Lower Upper

184 100

185 17.8 11.1 16.7#

183 6.9 10.6 16.0#





#78

Terphenyl-d14

Concen: 124.815 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036280.D

Acq: 10 Aug 2018 23:20

Instrument :

BNA_G

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JC-03-080918-K

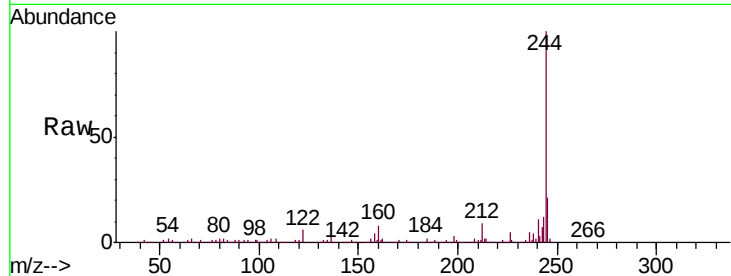
Tgt Ion:244 Resp: 1095654

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

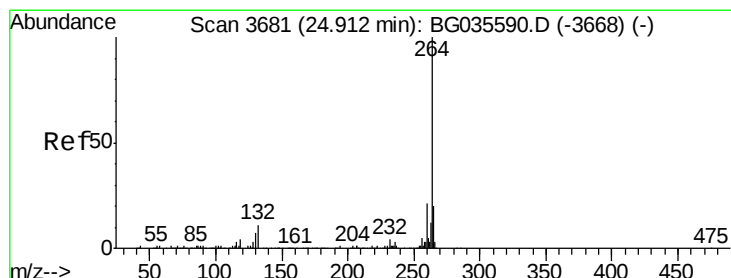
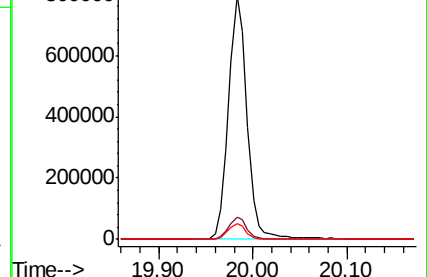
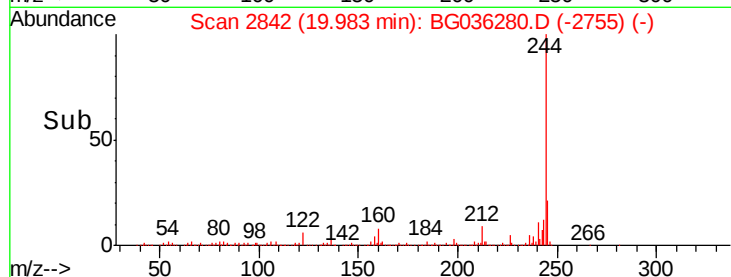
122 6.4 7.0 10.4#



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: 24.84 min Scan# 3669

Delta R.T. -0.02 min

Lab File: BG036280.D

Acq: 10 Aug 2018 23:20

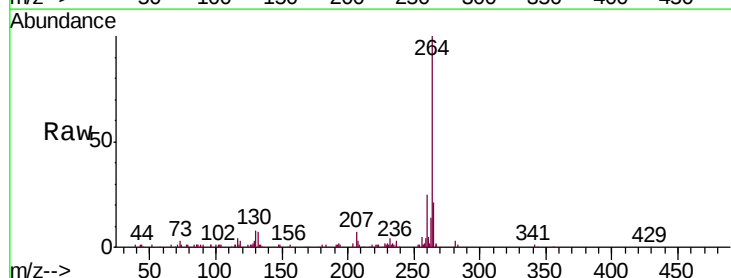
Tgt Ion:264 Resp: 167092

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 21.1 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

