

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036281.D
 Acq On : 10 Aug 2018 23:59
 Operator : JU/SJ
 Sample : J4282-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-080918-A

Quant Time: Aug 11 04:37:16 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

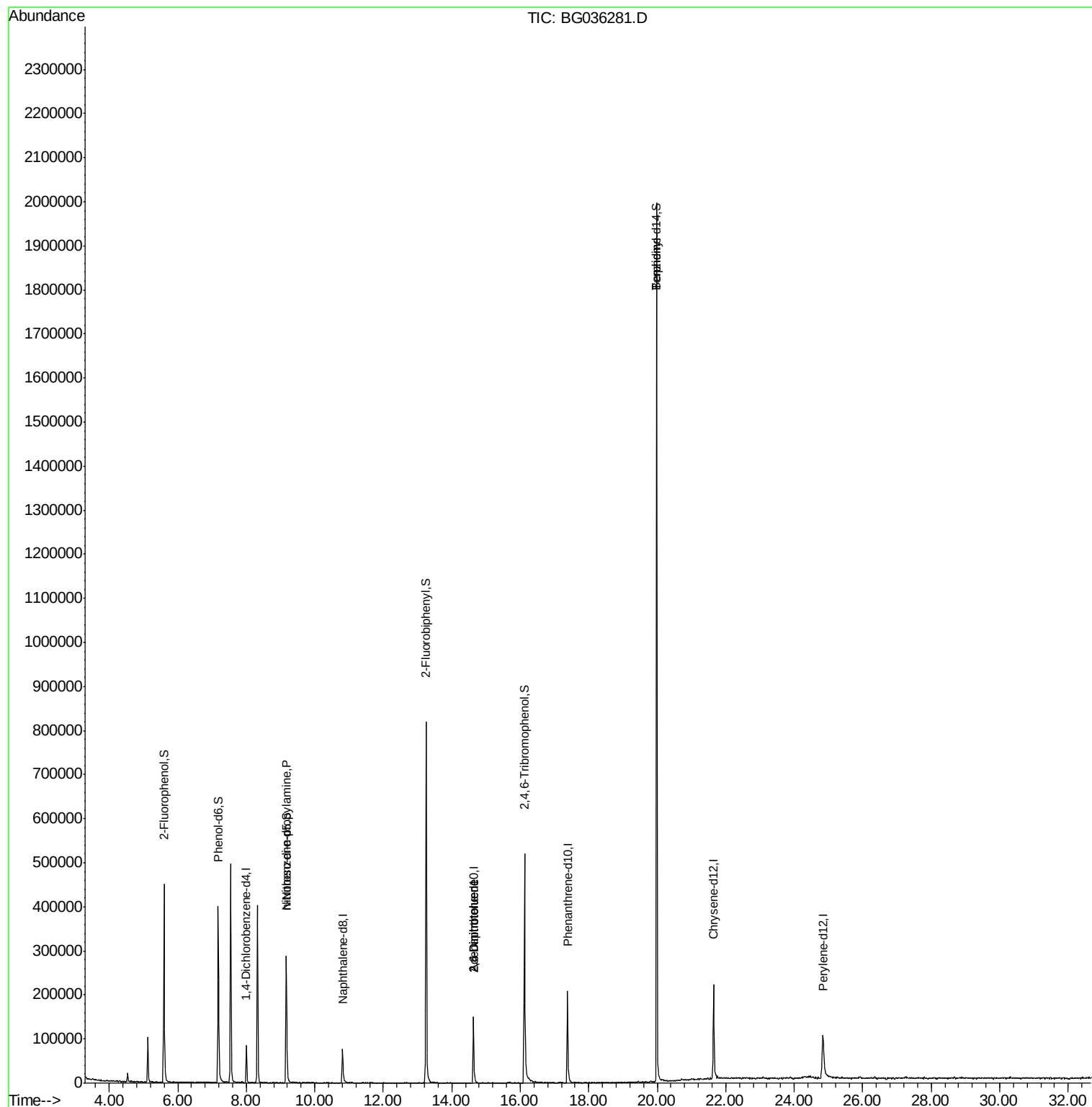
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	24173	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	84202	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	61061	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	165871	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	184719	20.00	ng	-0.02
86) Perylene-d12	24.84	264	163712	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	199705	137.16	ng	0.00
7) Phenol-d6	7.18	99	259375	119.40	ng	-0.01
23) Nitrobenzene-d5	9.17	82	219643	108.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	124764	155.02	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	501985	110.14	ng	-0.02
78) Terphenyl-d14	19.98	244	991370	118.30	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	29923	16.358	ng	# 73
50) 2,6-Dinitrotoluene	14.63	165	7718	7.084	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	7718	4.938	ng	# 16
76) Benzidine	19.98	184	17816	3.669	ng	# 91

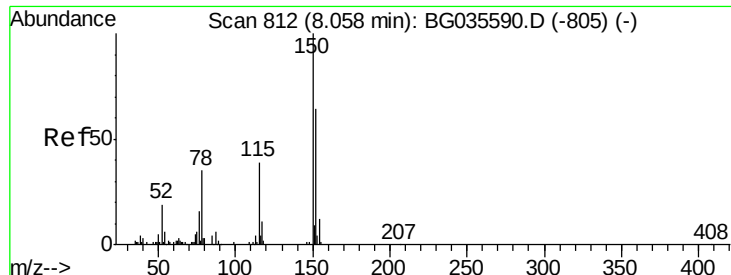
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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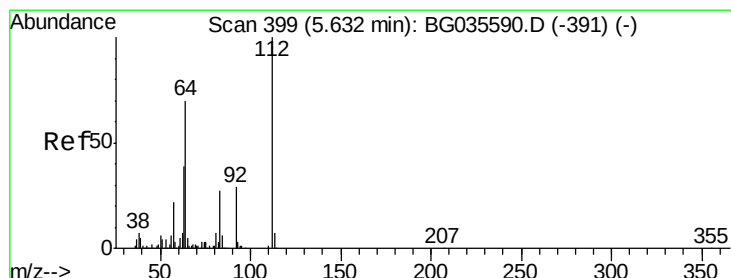
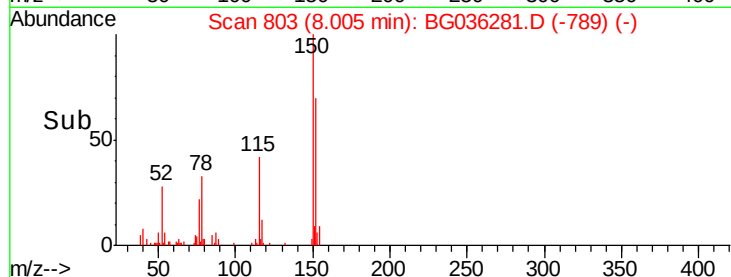
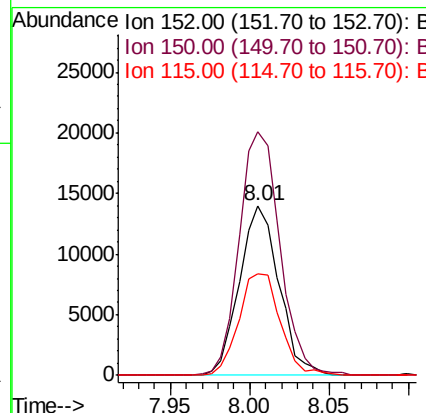
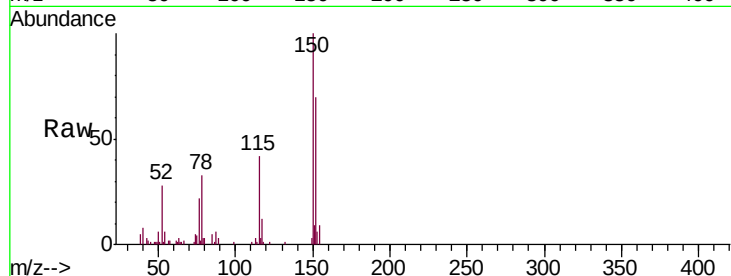


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036281.D
Acq: 10 Aug 2018 23:59

Instrument :
BNA_G
ClientSampleId :
SU-02-080918-A

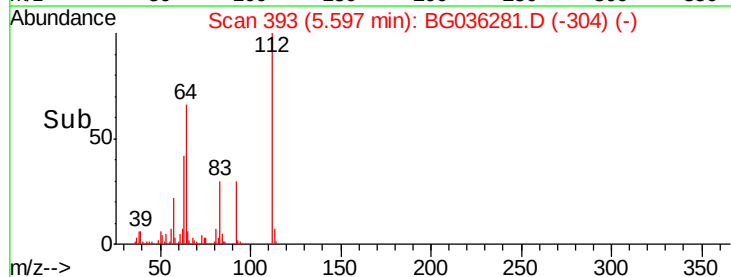
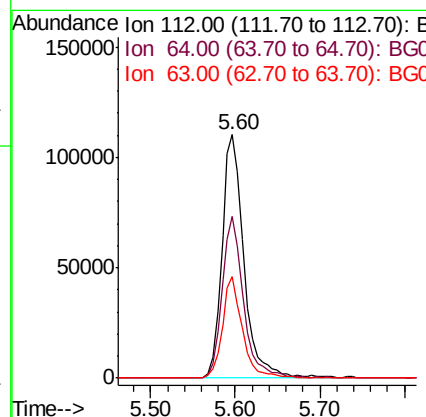
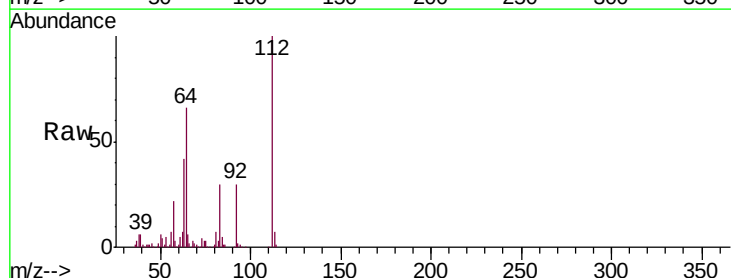
Tgt Ion:152 Resp: 24173
Ion Ratio Lower Upper
152 100
150 143.5 126.6 189.8
115 59.7 53.0 79.4

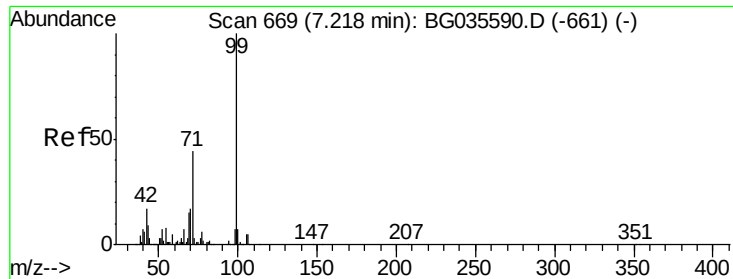


#5

2-Fluorophenol
Concen: 137.160 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036281.D
Acq: 10 Aug 2018 23:59

Tgt Ion:112 Resp: 199705
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 41.9 30.1 45.1





#7

Phenol-d6

Concen: 119.399 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

Instrument :

BNA_G

ClientSampleId :

SU-02-080918-A

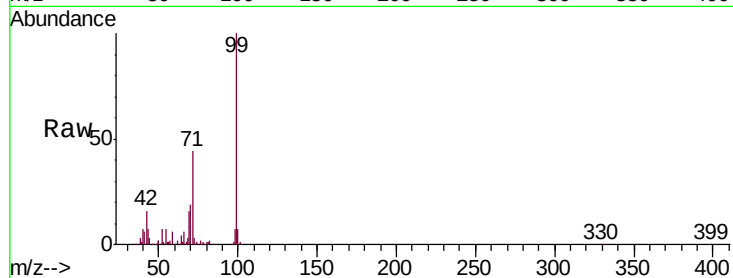
Tgt Ion: 99 Resp: 259375

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

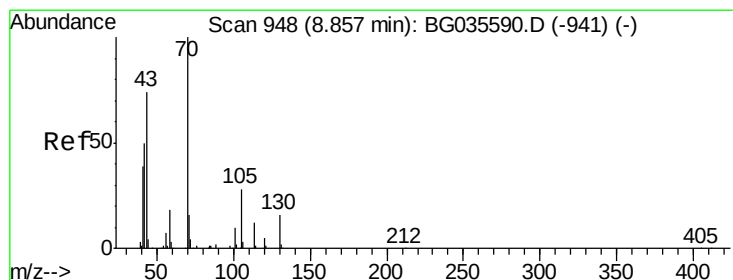
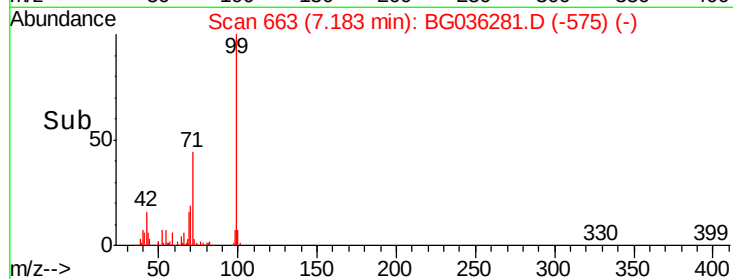
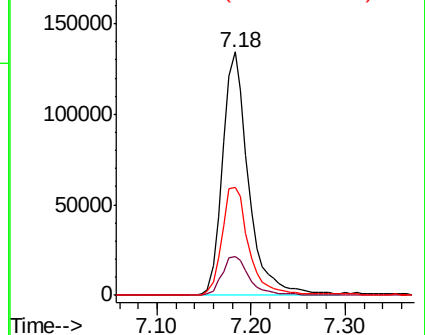
71 44.4 26.1 39.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.358 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

Tgt Ion: 70 Resp: 29923

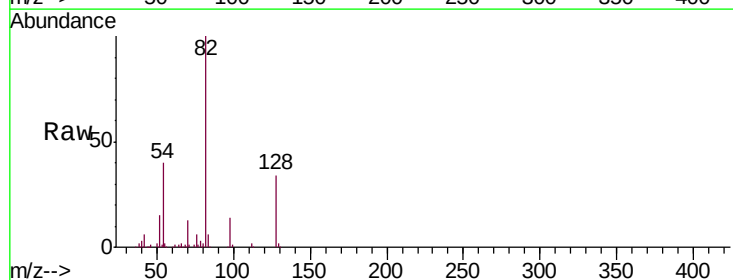
Ion Ratio Lower Upper

70 100

42 42.5 49.1 73.7#

101 0.0 8.5 12.7#

130 3.0 13.4 20.0#

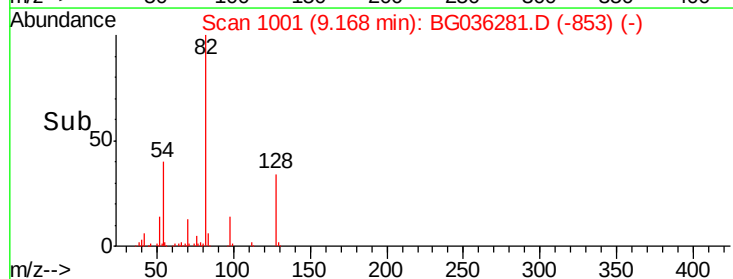
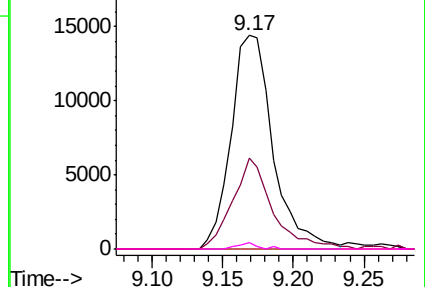


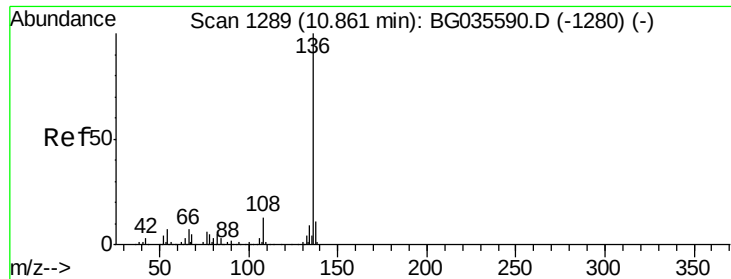
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

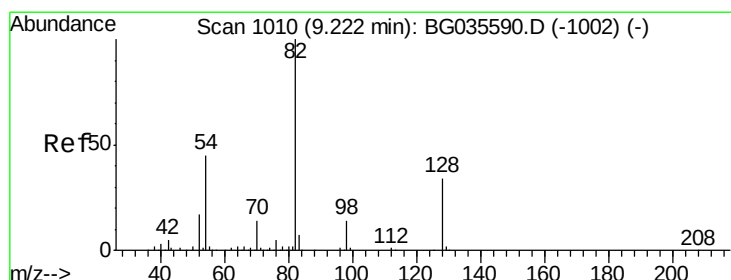
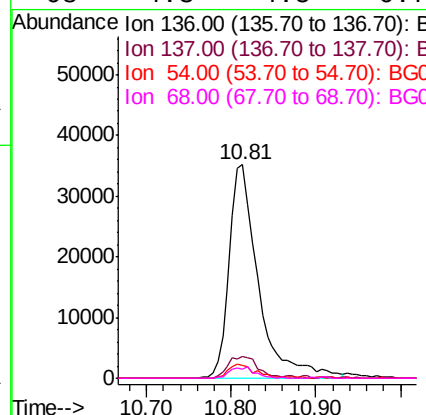
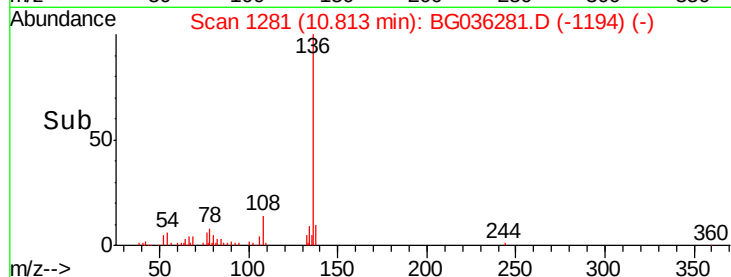
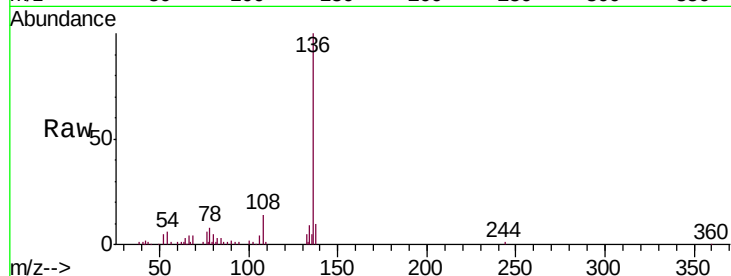




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036281.D
Acq: 10 Aug 2018 23:59

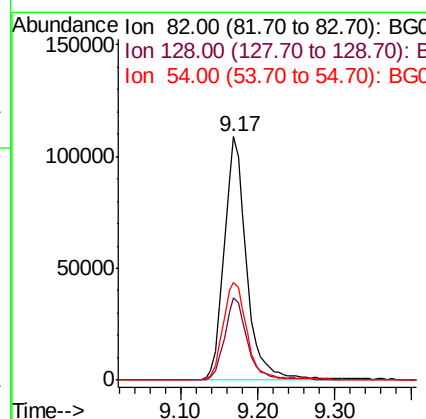
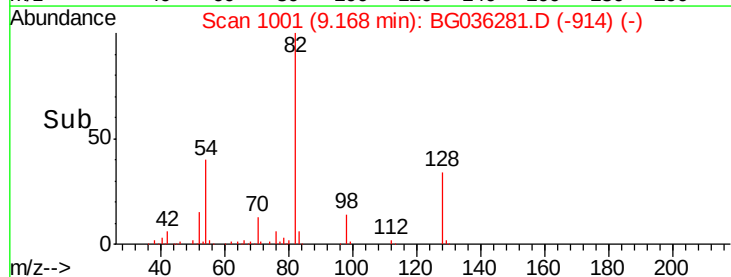
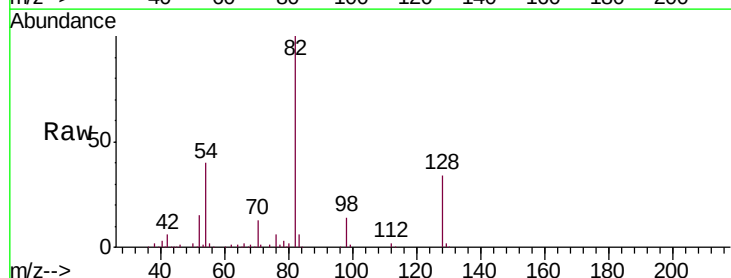
Instrument :
BNA_G
ClientSampleId :
SU-02-080918-A

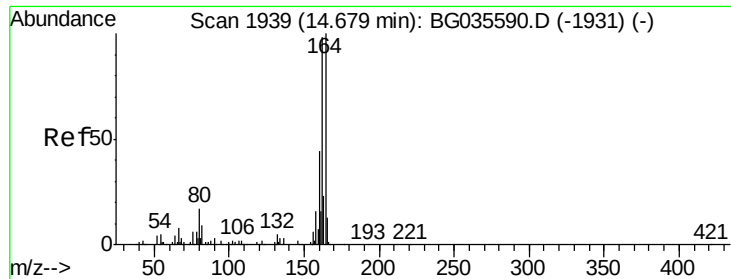
Tgt Ion:	136	Resp:	84202
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	6.1	10.3	15.5#
68	4.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 108.970 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036281.D
Acq: 10 Aug 2018 23:59

Tgt Ion:	82	Resp:	219643
Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	39.9	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

Instrument :

BNA_G

ClientSampleId :

SU-02-080918-A

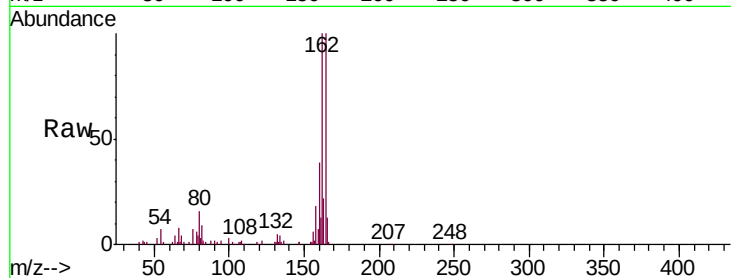
Tgt Ion:164 Resp: 61061

Ion Ratio Lower Upper

164 100

162 100.4 78.8 118.2

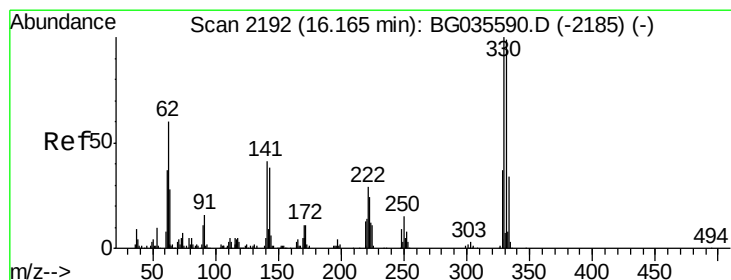
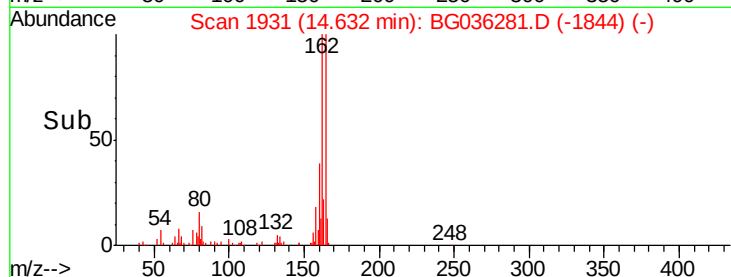
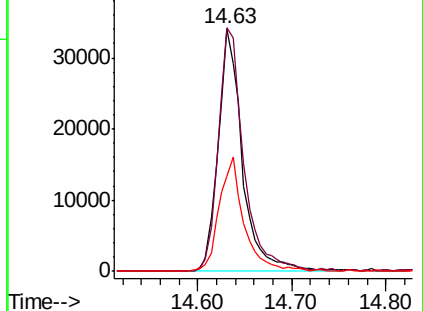
160 39.5 35.4 53.0



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: 155.020 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

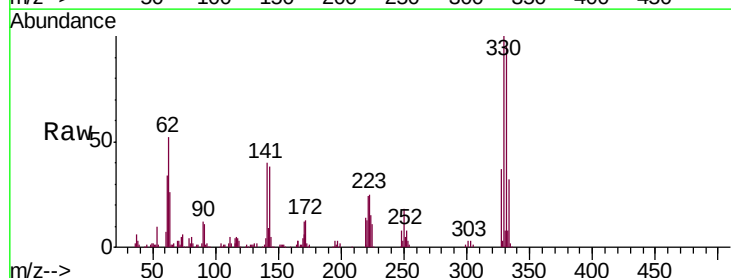
Tgt Ion:330 Resp: 124764

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

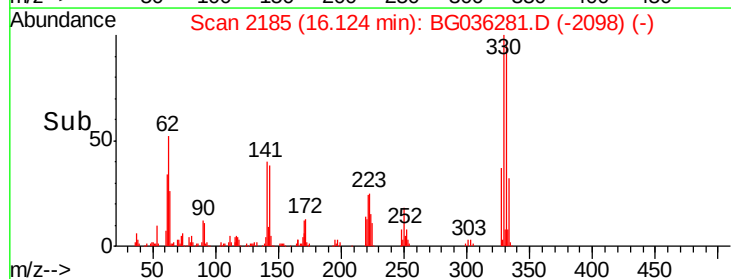
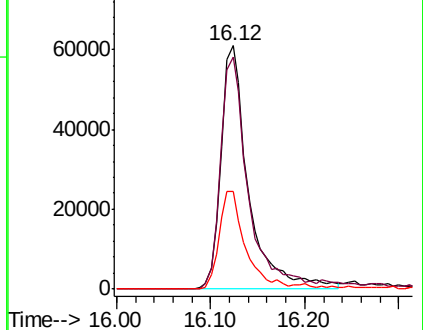
141 38.3 25.2 37.8#

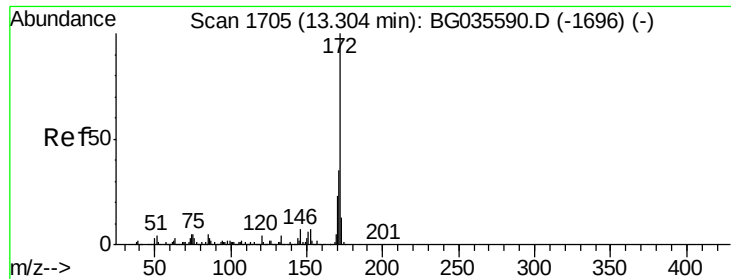


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 110.141 ng

RT: 13.25 min Scan# 1696

Delta R.T. -0.02 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

Instrument :

BNA_G

ClientSampleId :

SU-02-080918-A

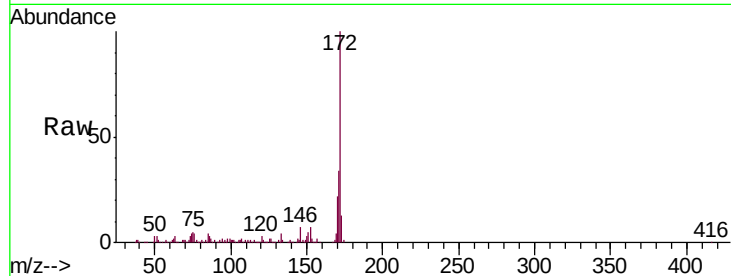
Tgt Ion:172 Resp: 501985

Ion Ratio Lower Upper

172 100

171 34.0 30.0 45.0

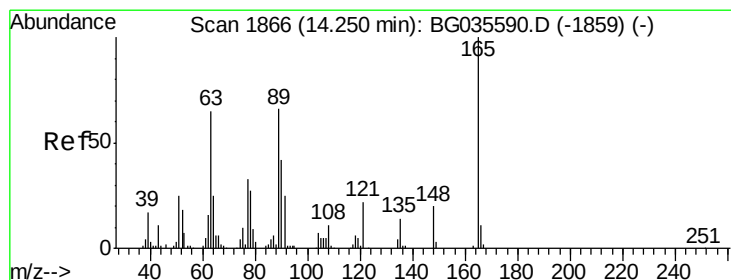
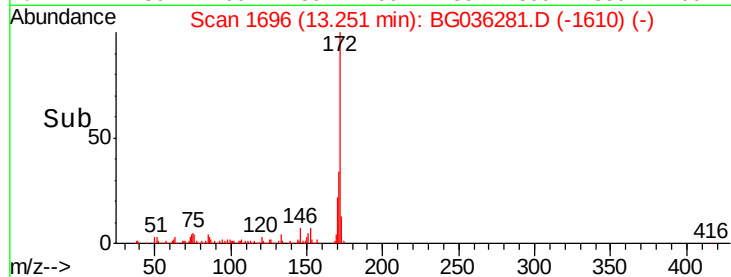
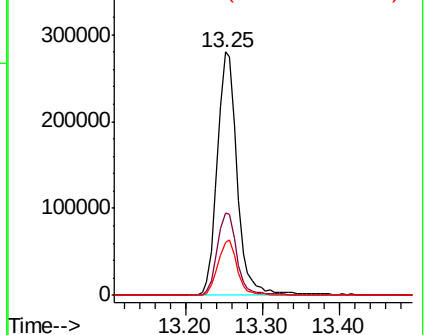
170 21.8 19.5 29.3



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



#50

2,6-Dinitrotoluene

Concen: 7.084 ng

RT: 14.63 min Scan# 1931

Delta R.T. 0.40 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

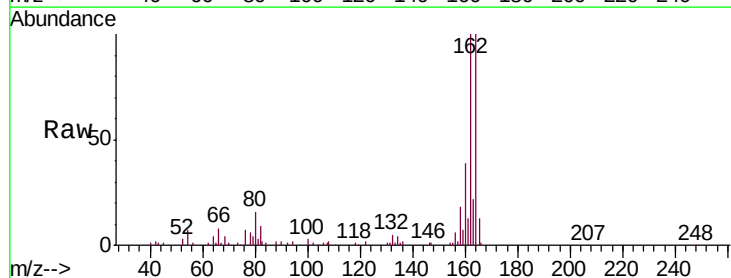
Tgt Ion:165 Resp: 7718

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

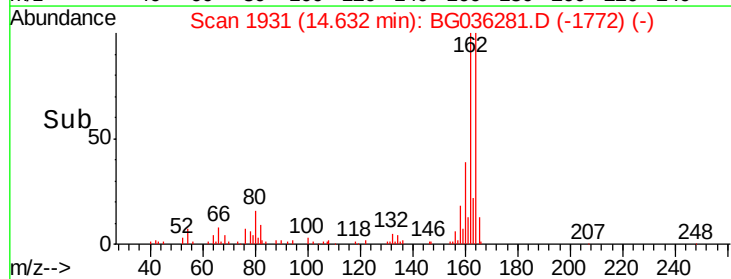
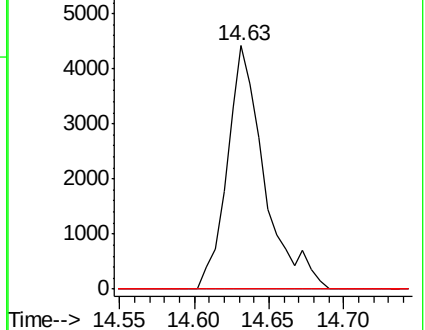
89 0.0 49.2 73.8#

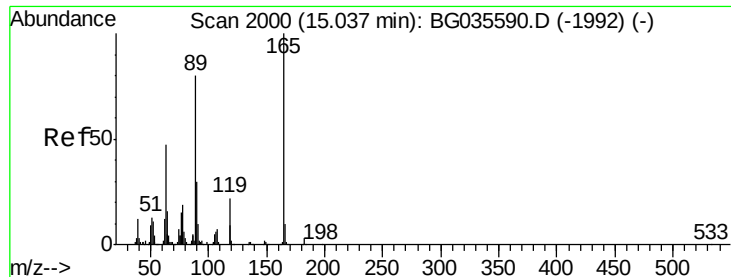


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

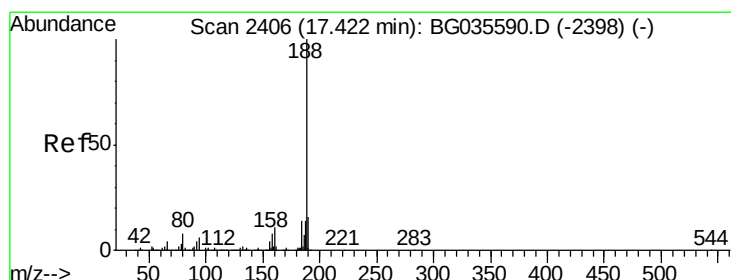
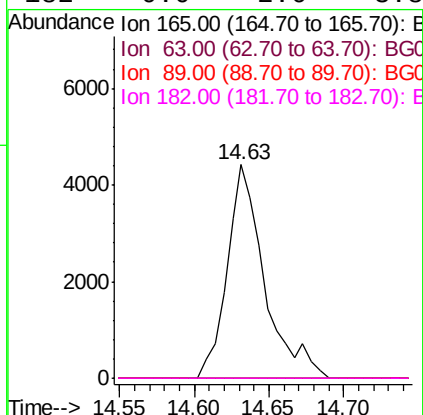
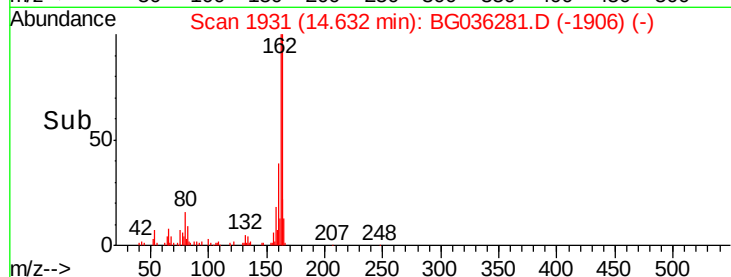
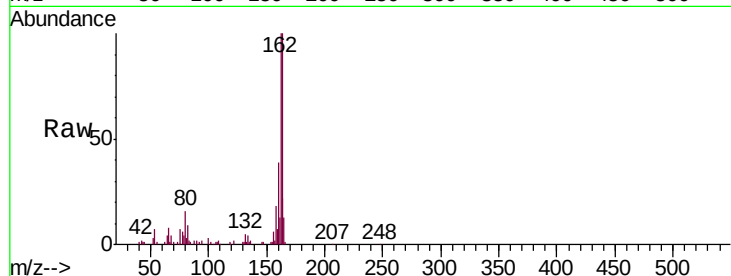




#56
 2,4-Dinitrotoluene
 Concen: 4.938 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036281.D
 Acq: 10 Aug 2018 23:59

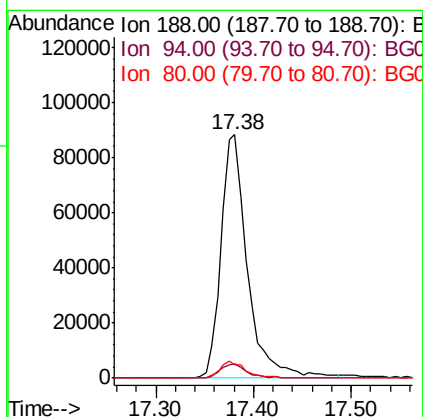
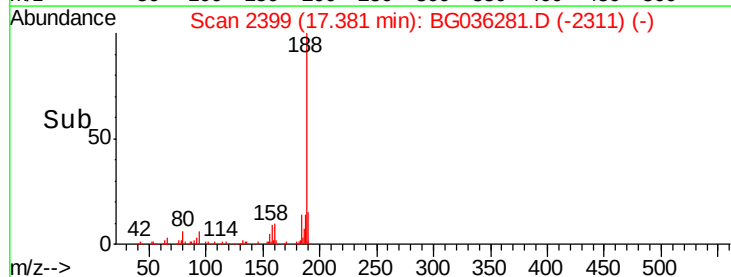
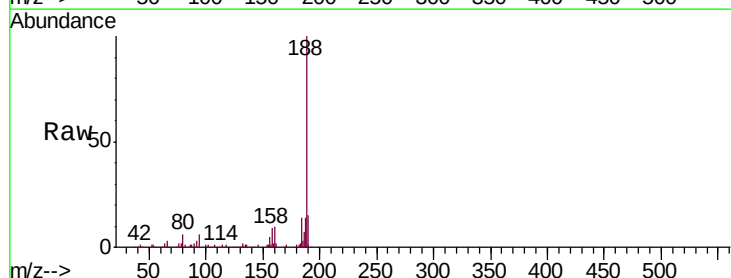
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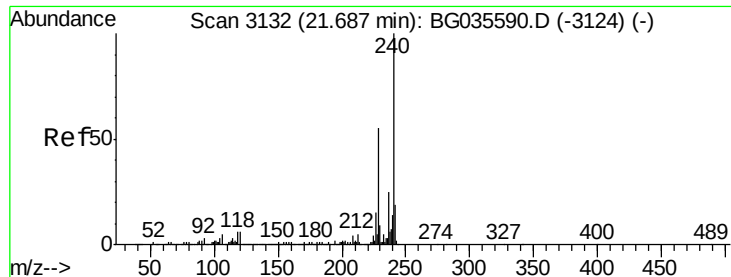
Tgt Ion:165 Resp: 7718
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036281.D
 Acq: 10 Aug 2018 23:59

Tgt Ion:188 Resp: 165871
 Ion Ratio Lower Upper
 188 100
 94 5.7 6.9 10.3#
 80 5.6 7.7 11.5#

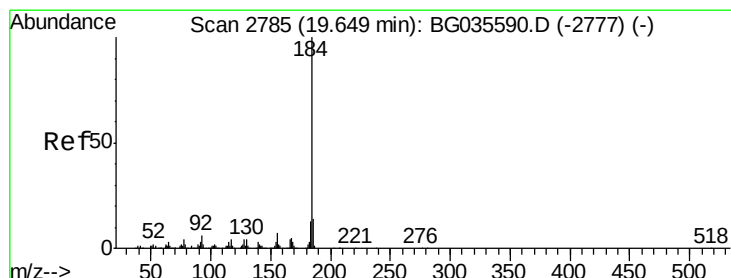
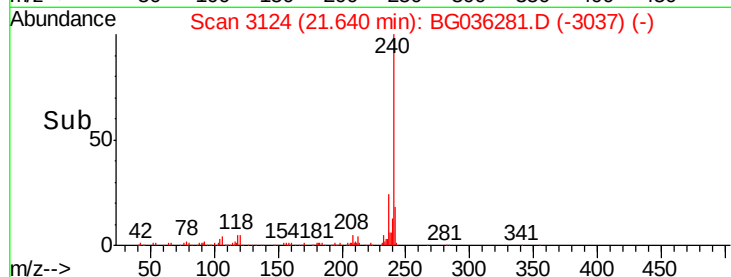
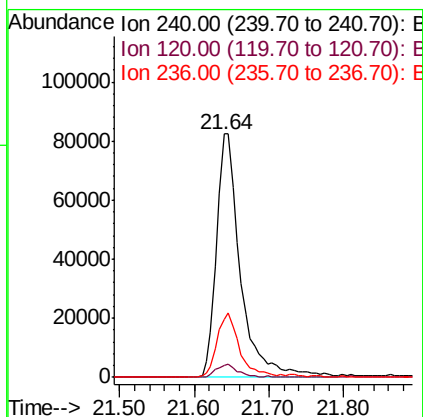
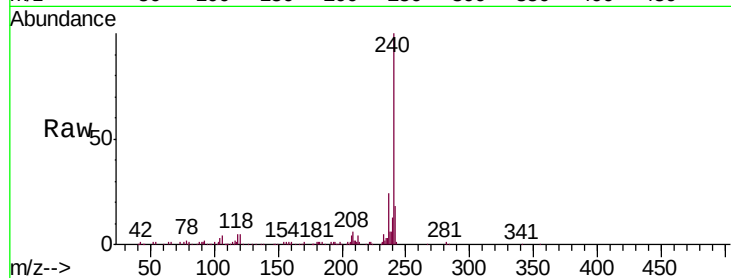




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036281.D
Acq: 10 Aug 2018 23:59

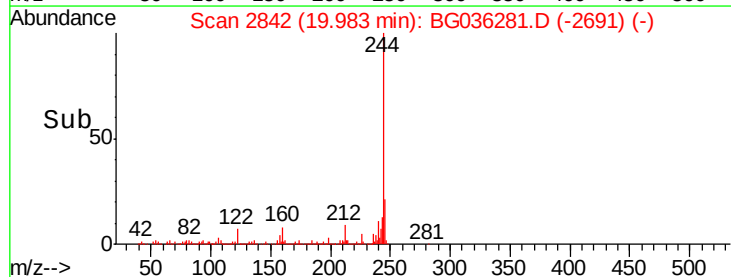
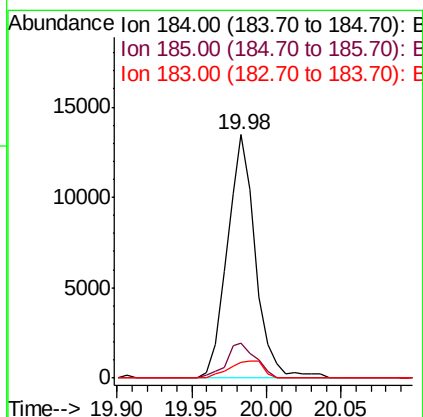
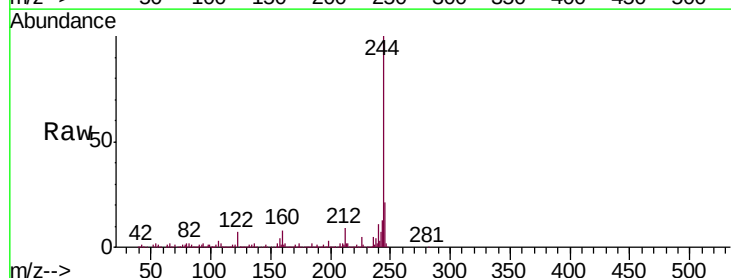
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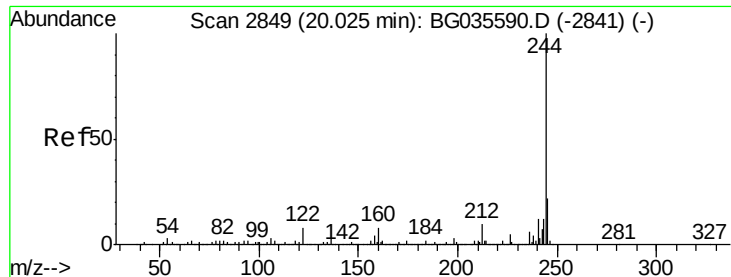
Tgt Ion:240 Resp: 184719
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 23.9 20.9 31.3



#76
Benzidine
Concen: 3.669 ng
RT: 19.98 min Scan# 2842
Delta R.T. 0.36 min
Lab File: BG036281.D
Acq: 10 Aug 2018 23:59

Tgt Ion:184 Resp: 17816
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 6.3 10.6 16.0#





#78

Terphenyl-d14

Concen: 118.303 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

Instrument :

BNA_G

ClientSampleId :

SU-02-080918-A

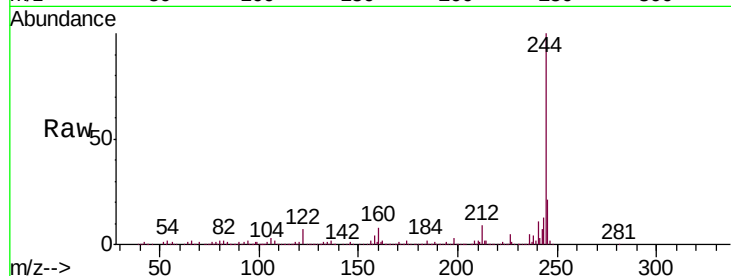
Tgt Ion:244 Resp: 991370

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

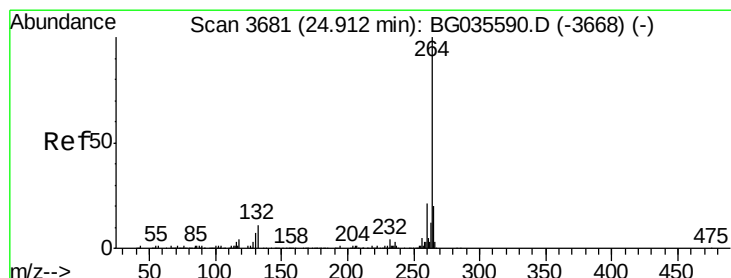
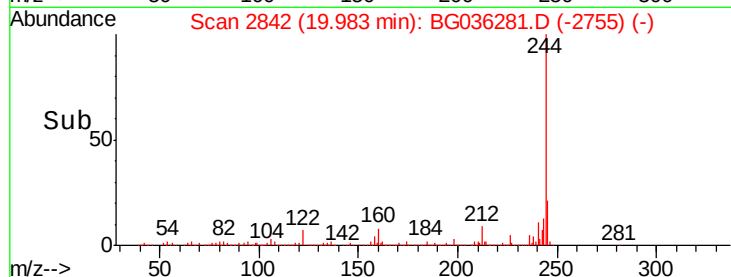
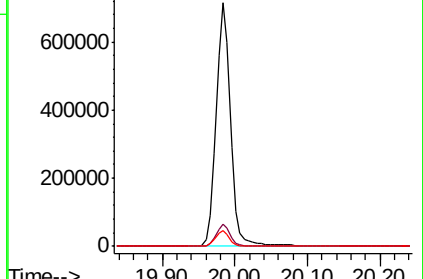
122 6.6 7.0 10.4#



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# 3668

Delta R.T. -0.02 min

Lab File: BG036281.D

Acq: 10 Aug 2018 23:59

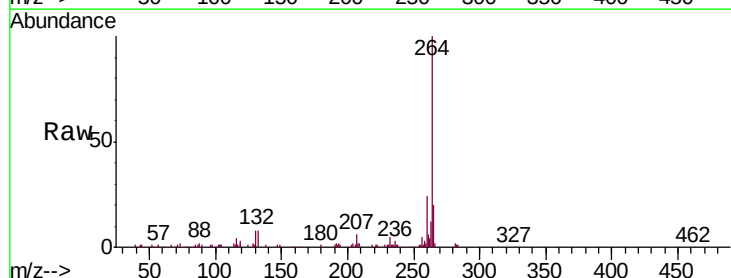
Tgt Ion:264 Resp: 163712

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.2 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

