

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036074.D
 Acq On : 3 Aug 2018 1:19
 Operator : JU/SJ
 Sample : J4278-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-080118-A

Quant Time: Aug 03 07:09:28 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

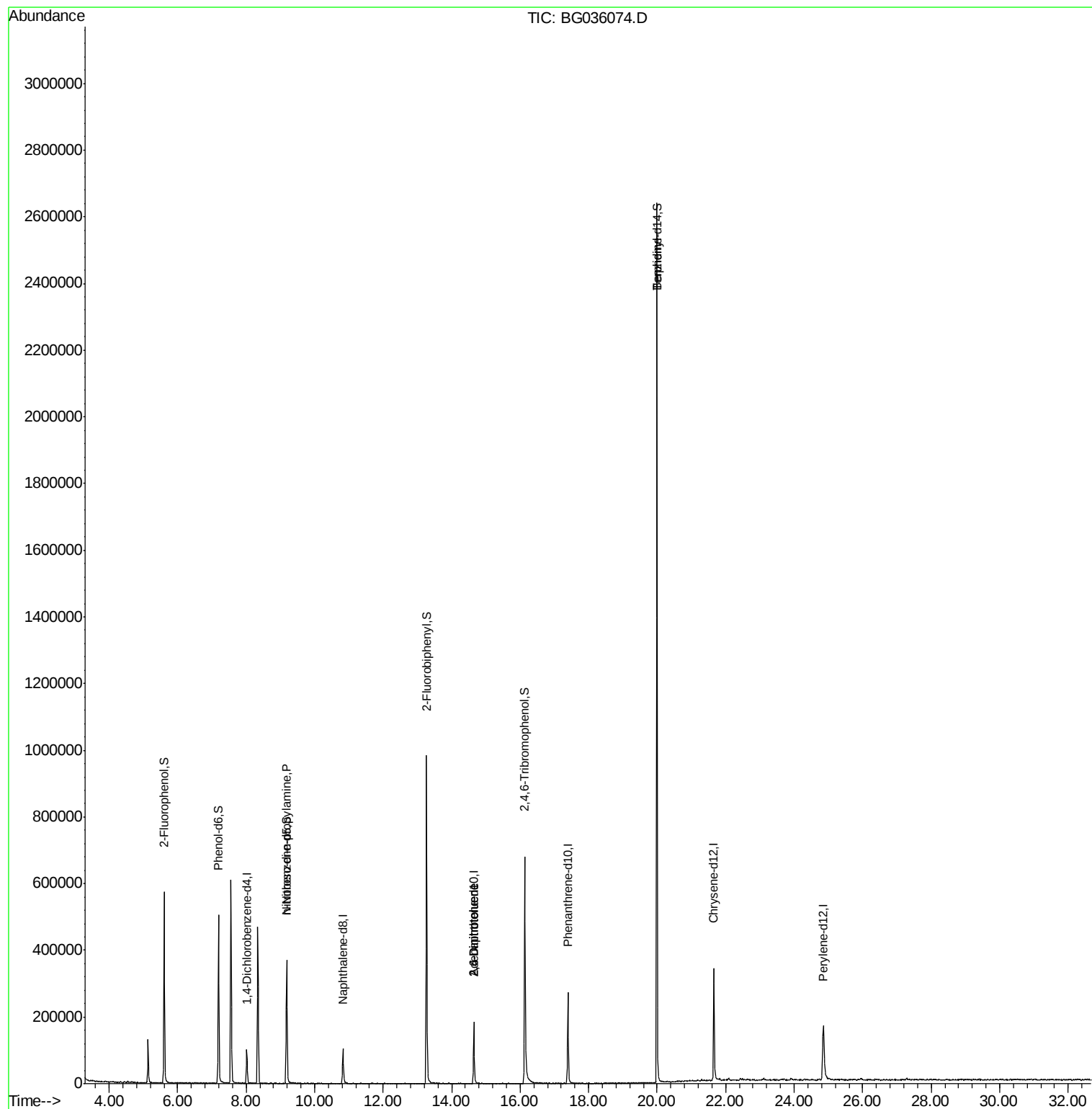
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28928	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	102522	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	74044	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	217698	20.00	ng	0.00
75) Chrysene-d12	21.65	240	251577	20.00	ng	0.00
86) Perylene-d12	24.85	264	227178	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	244622	140.39	ng	0.00
7) Phenol-d6	7.19	99	320282	123.20	ng	0.00
23) Nitrobenzene-d5	9.18	82	256300	104.43	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	169164	173.33	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	583958	105.66	ng	-0.01
78) Terphenyl-d14	20.00	244	1279883	112.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	36903	16.857	ng	# 69
50) 2,6-Dinitrotoluene	14.65	165	10185	7.710	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	10185	5.374	ng	# 16
76) Benzidine	20.00	184	23067	3.488	ng	# 92

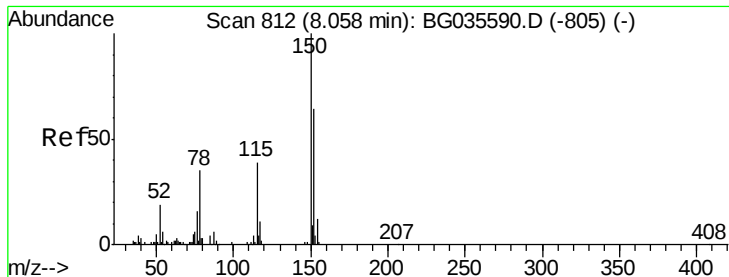
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
Data File : BG036074.D
Acq On : 3 Aug 2018 1:19
Operator : JU/SJ
Sample : J4278-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-A

Quant Time: Aug 03 07:09:28 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



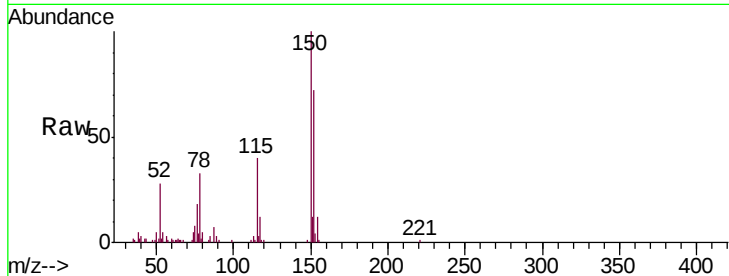


#1

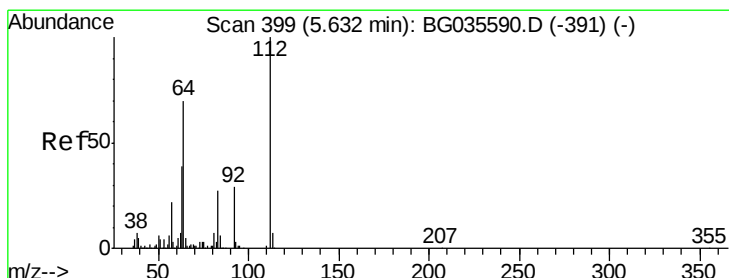
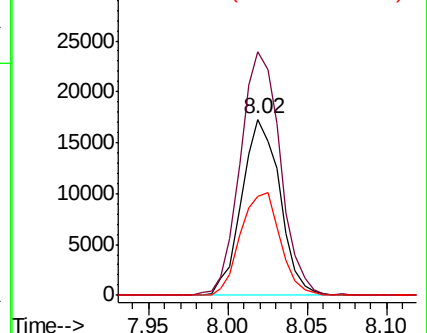
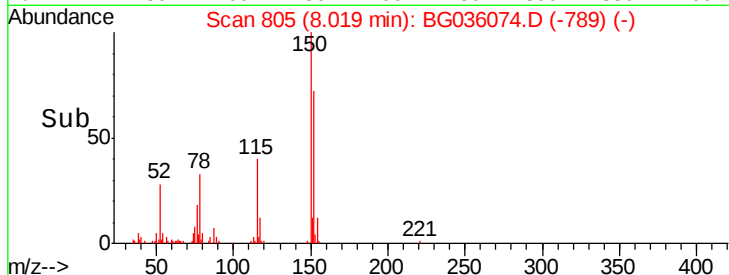
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036074.D
Acq: 3 Aug 2018 1:19

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-A

Tgt Ion:152 Resp: 28928
Ion Ratio Lower Upper
152 100
150 138.2 126.6 189.8
115 55.8 53.0 79.4



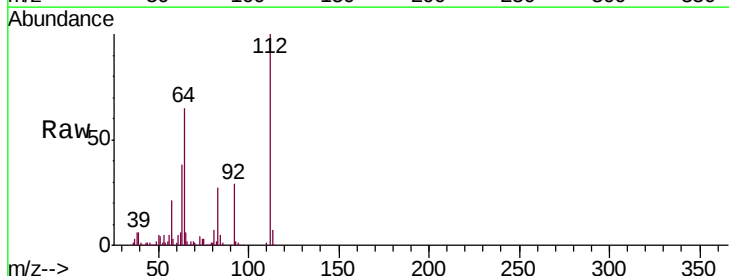
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



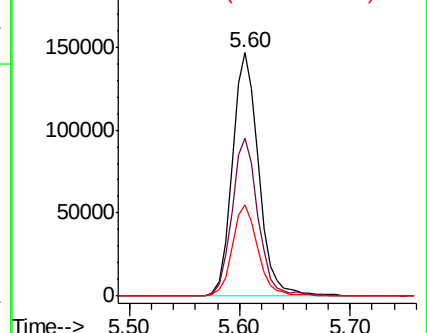
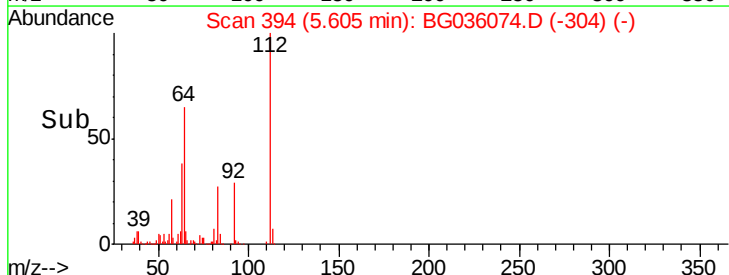
#5

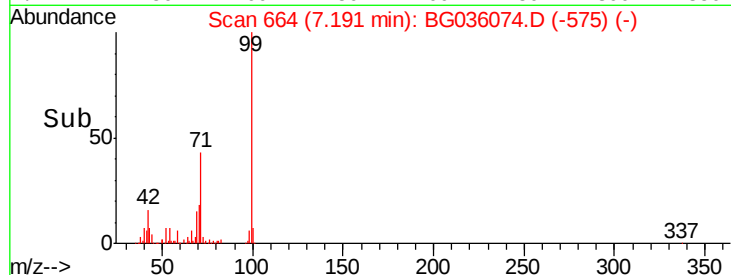
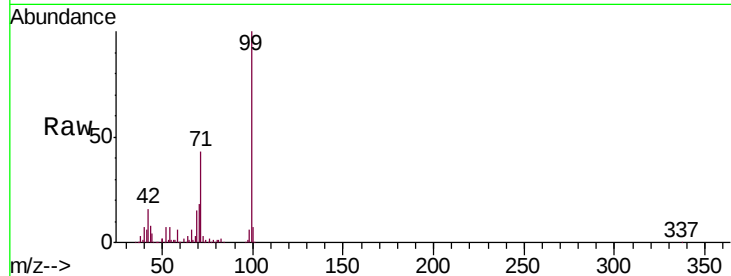
2-Fluorophenol
Concen: 140.393 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036074.D
Acq: 3 Aug 2018 1:19

Tgt Ion:112 Resp: 244622
Ion Ratio Lower Upper
112 100
64 64.8 56.3 84.5
63 37.7 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: 123.202 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-A

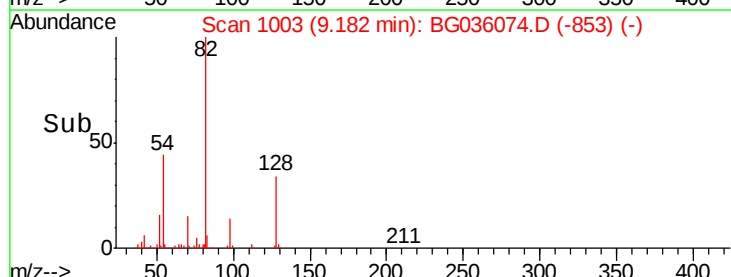
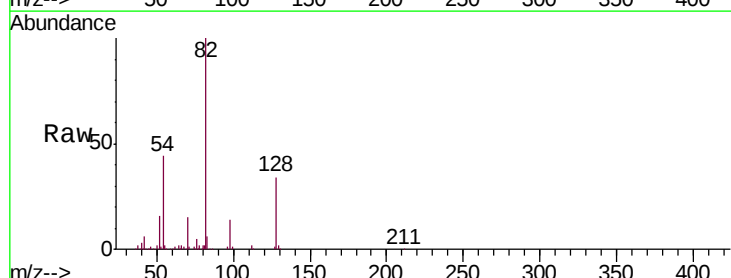
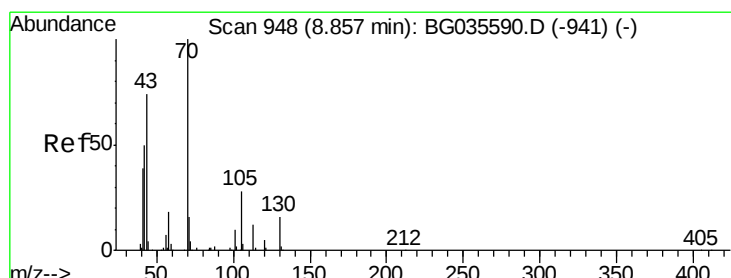
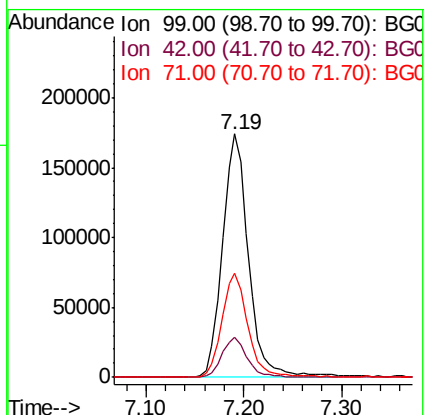
Tgt Ion: 99 Resp: 320282

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 43.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.857 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

Tgt Ion: 70 Resp: 36903

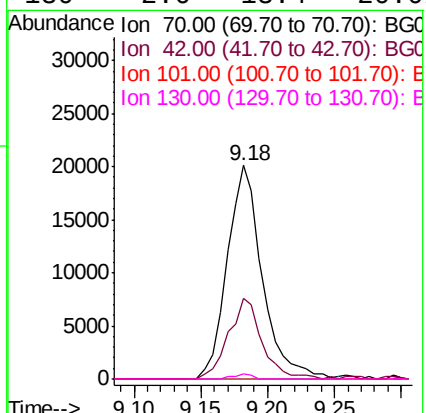
Ion Ratio Lower Upper

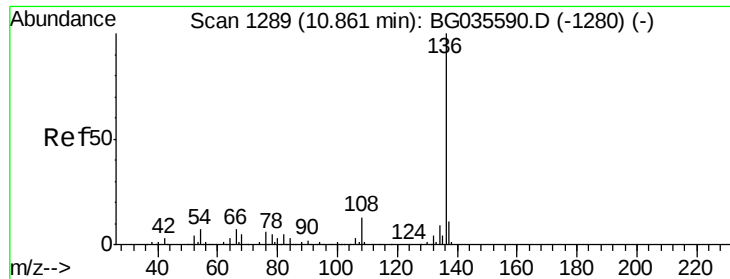
70 100

42 37.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.6 13.4 20.0#

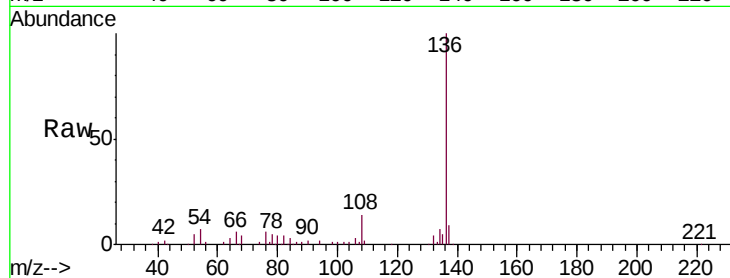




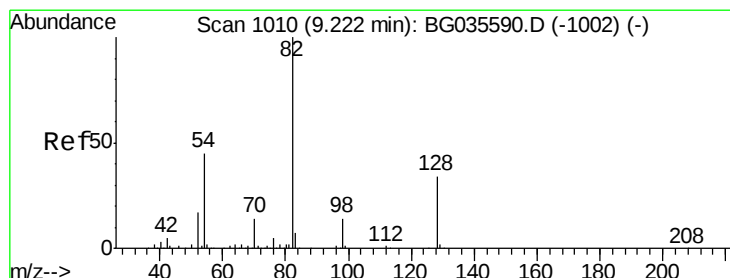
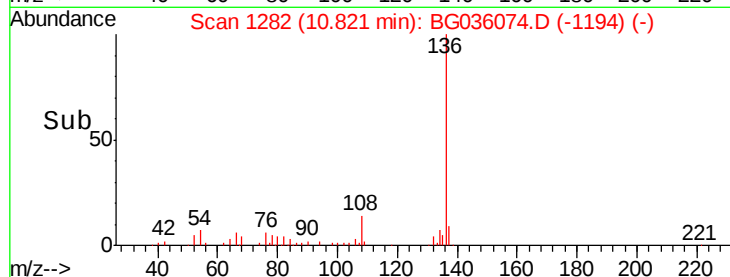
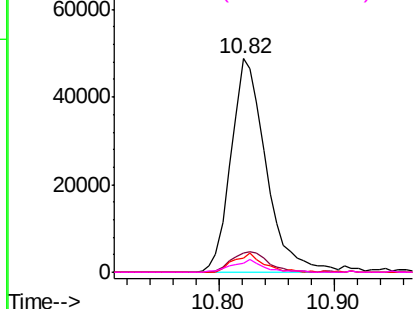
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036074.D
Acq: 3 Aug 2018 1:19

Instrument :
BNA_G
ClientSampleId :
EO-03-080118-A

Tgt Ion:	136	Resp:	102522
Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.2	13.8#
54	6.5	10.3	15.5#
68	4.3	4.5	6.7#

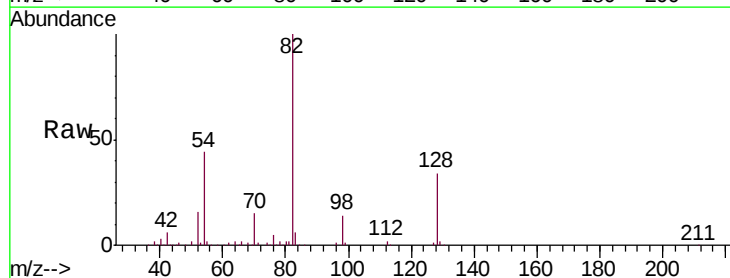


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

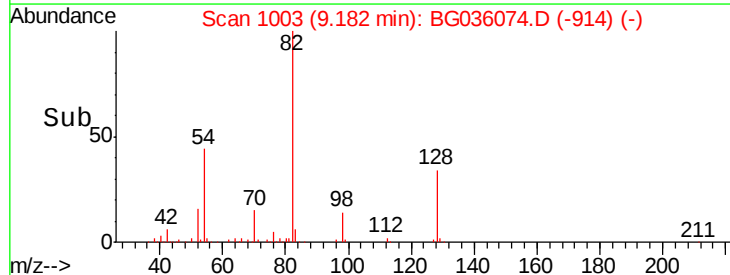
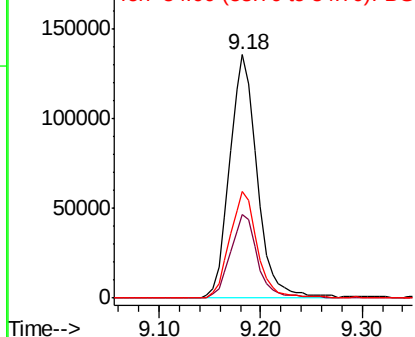


#23
Nitrobenzene-d5
Concen: 104.435 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036074.D
Acq: 3 Aug 2018 1:19

Tgt Ion:	82	Resp:	256300
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	43.9	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-A

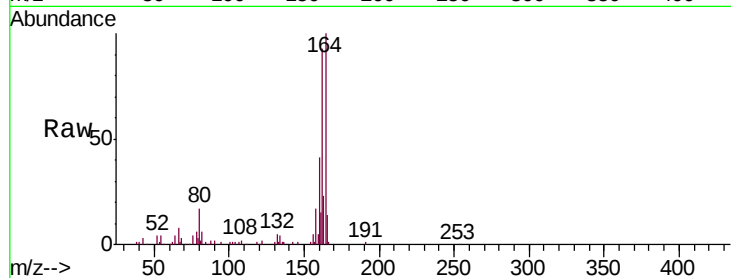
Tgt Ion:164 Resp: 74044

Ion Ratio Lower Upper

164 100

162 93.2 78.8 118.2

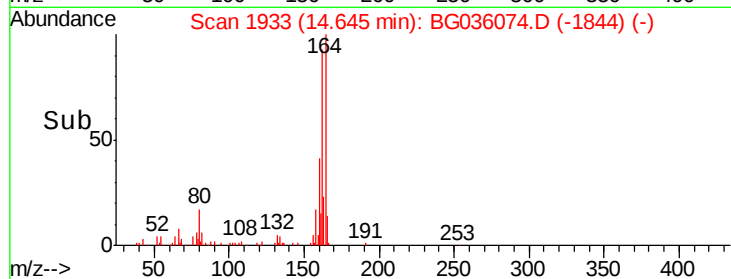
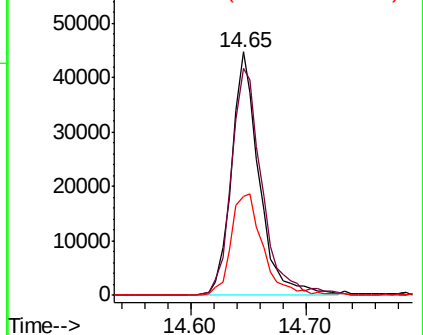
160 40.6 35.4 53.0



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: 173.333 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

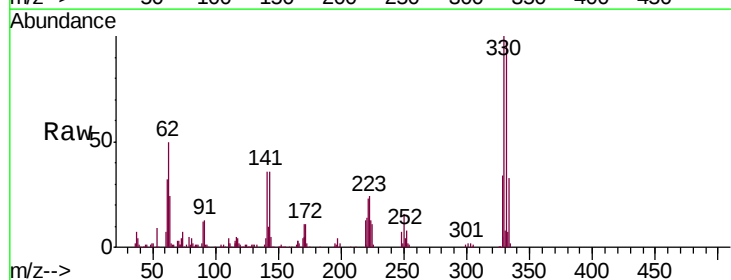
Tgt Ion:330 Resp: 169164

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

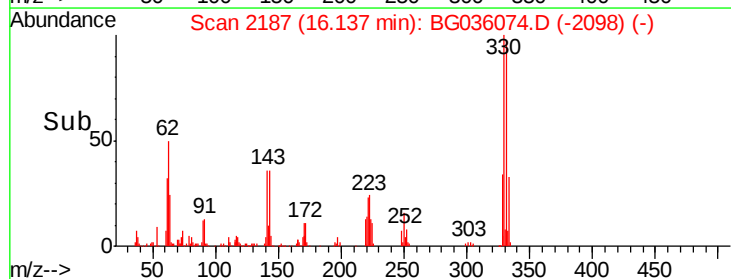
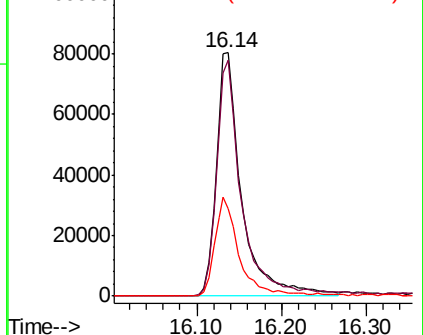
141 38.7 25.2 37.8#

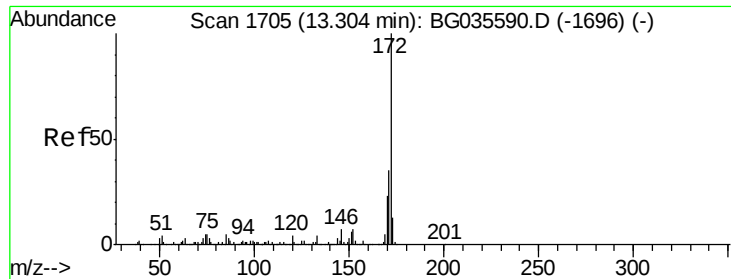


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

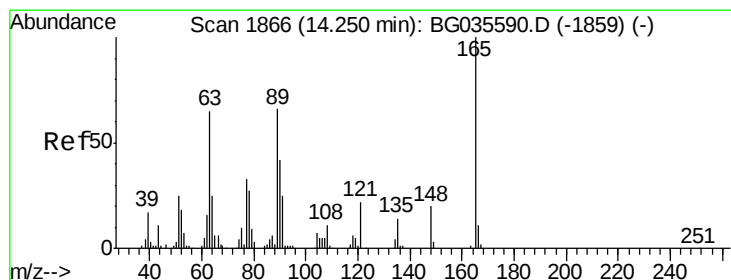
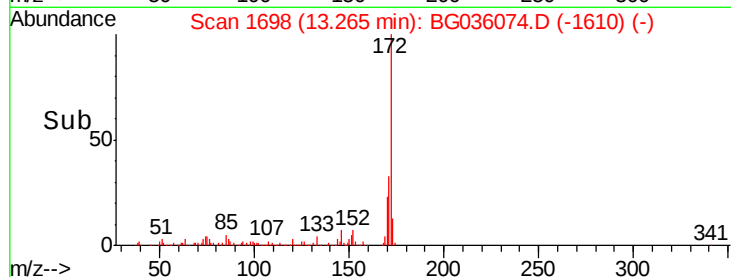
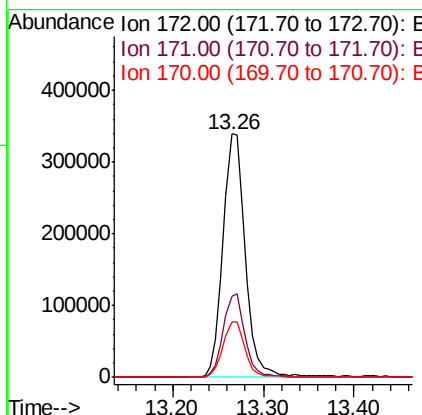
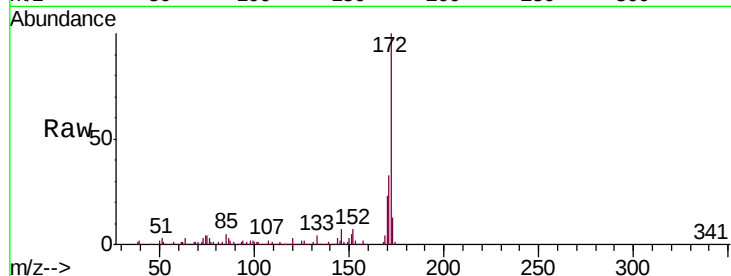




#44
 2-Fluorobiphenyl
 Concen: 105.660 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036074.D
 Acq: 3 Aug 2018 1:19

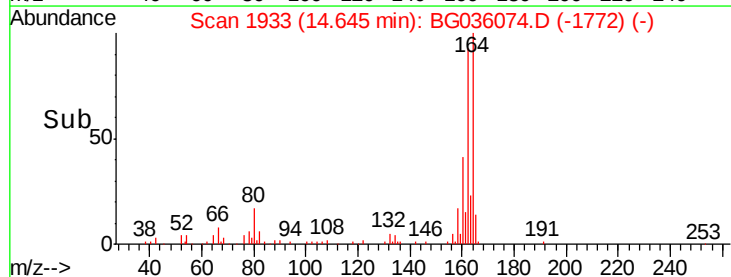
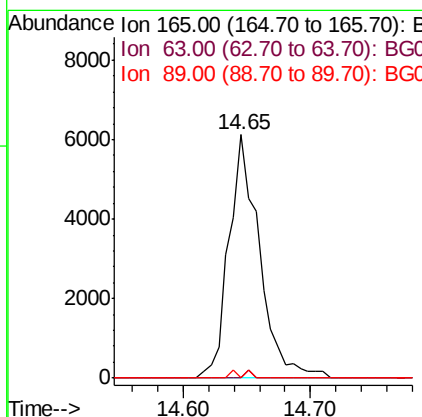
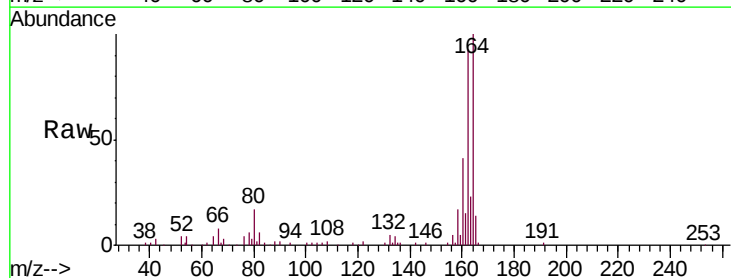
Instrument :
 BNA_G
 ClientSampleId :
 EO-03-080118-A

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	22.9	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.710 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG036074.D
 Acq: 3 Aug 2018 1:19

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





#56

2,4-Dinitrotoluene

Concen: 5.374 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.37 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

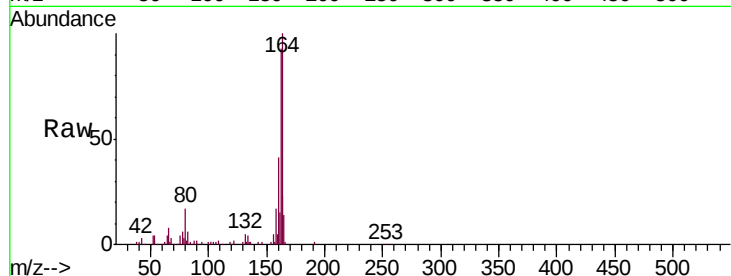
Instrument :

BNA_G

ClientSampleId :

EO-03-080118-A

Tgt Ion:	165	Resp:	10185
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#

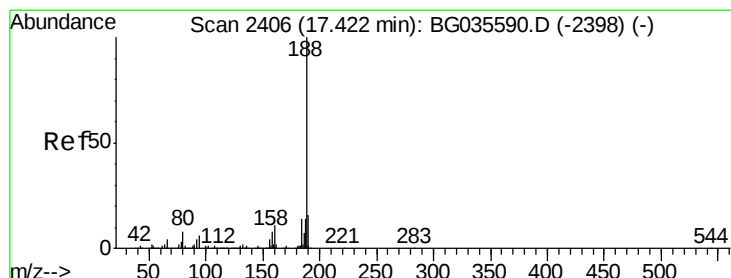
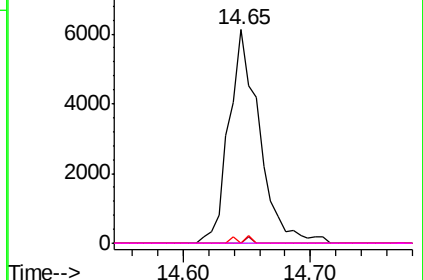
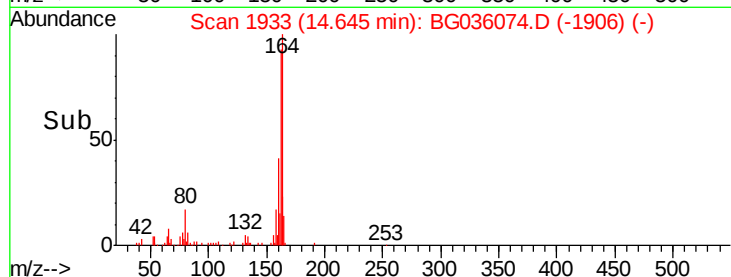


Abundance Ion 165.00 (164.70 to 165.70): E

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

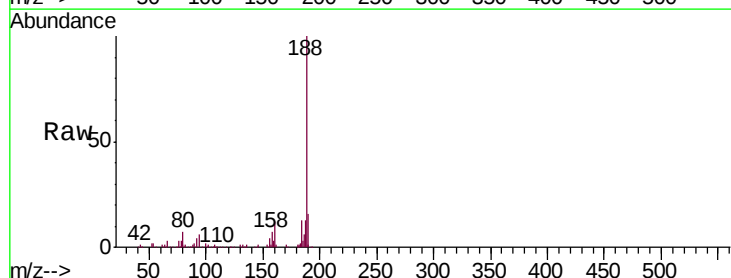
RT: 17.39 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

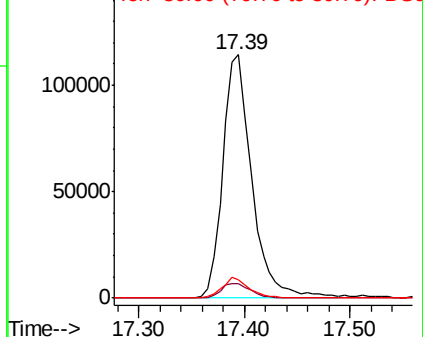
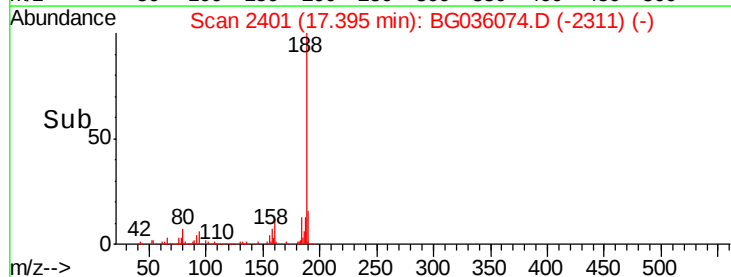
Tgt Ion:	188	Resp:	217698
Ion Ratio	Lower	Upper	
188	100		
94	6.0	6.9	10.3#
80	7.5	7.7	11.5#

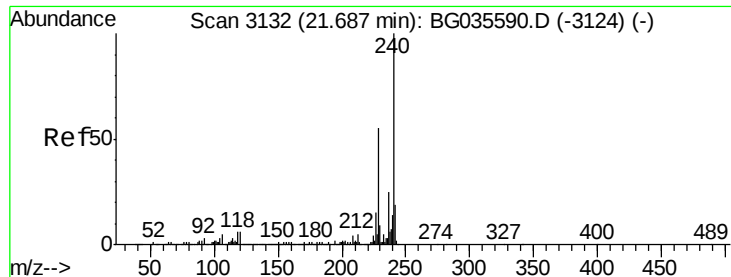


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-A

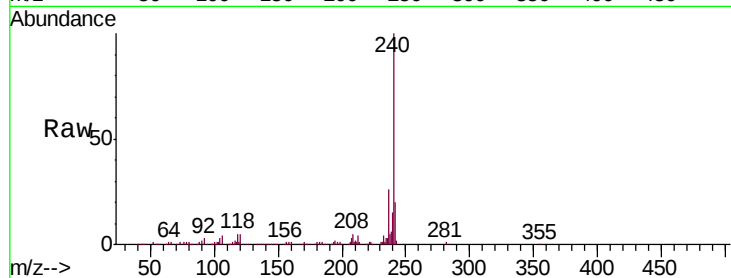
Tgt Ion:240 Resp: 251577

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

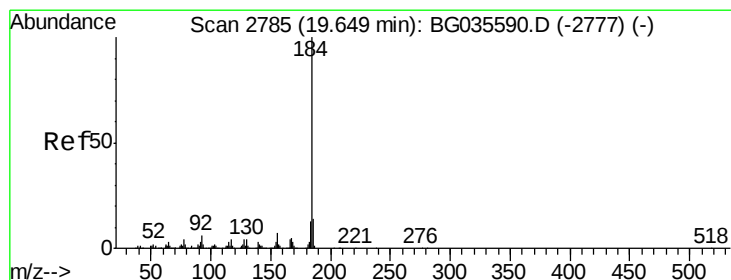
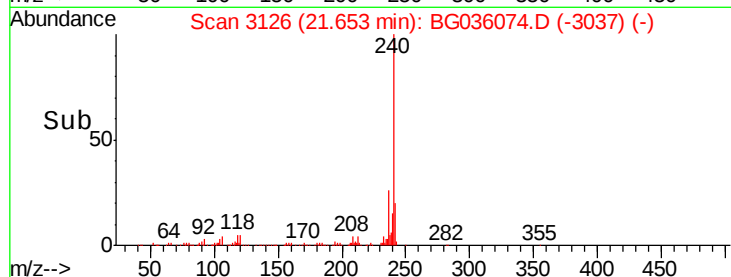
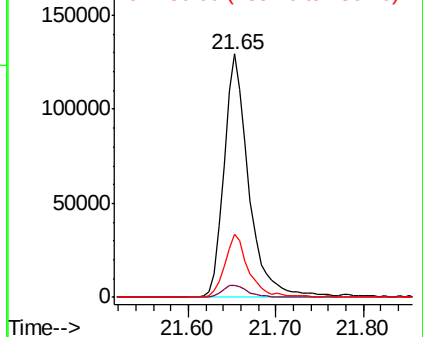
236 26.2 20.9 31.3



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



#76

Benzidine

Concen: 3.488 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

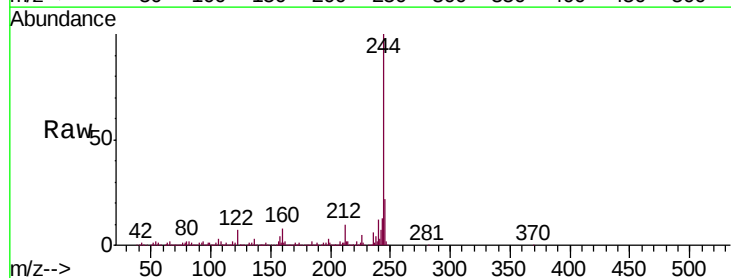
Tgt Ion:184 Resp: 23067

Ion Ratio Lower Upper

184 100

185 13.5 11.1 16.7

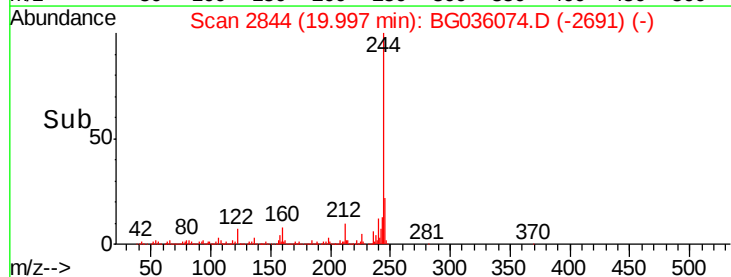
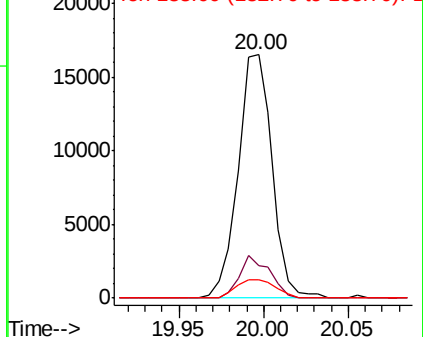
183 7.4 10.6 16.0#

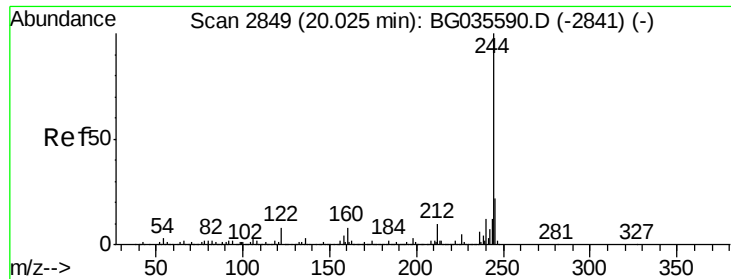


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 112.142 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

Instrument :

BNA_G

ClientSampleId :

EO-03-080118-A

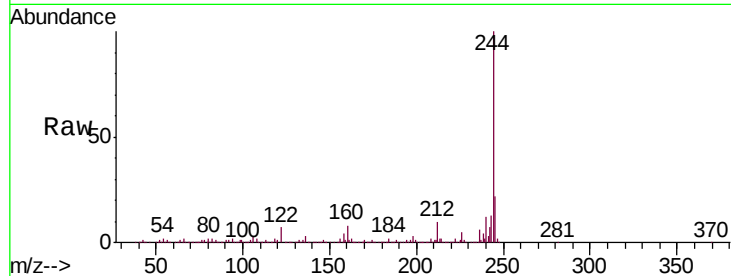
Tgt Ion:244 Resp: 1279883

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

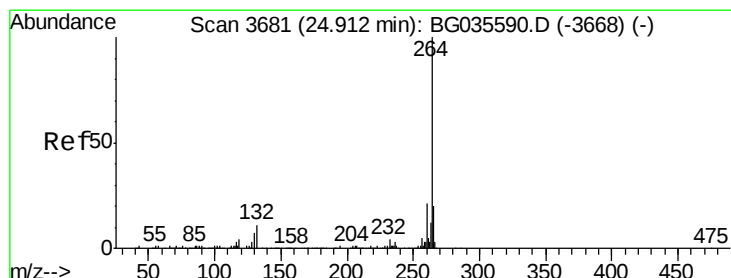
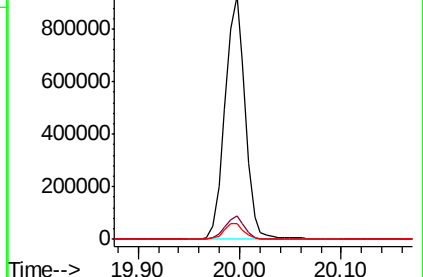
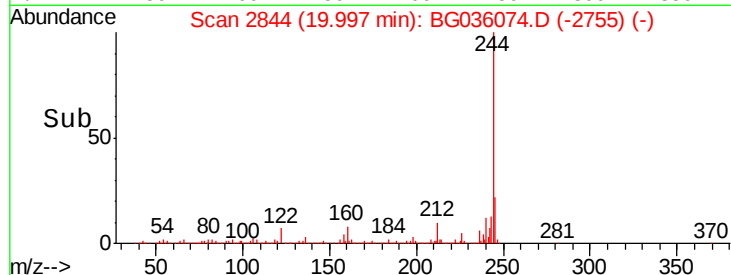
122 6.6 7.0 10.4#



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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036074.D

Acq: 3 Aug 2018 1:19

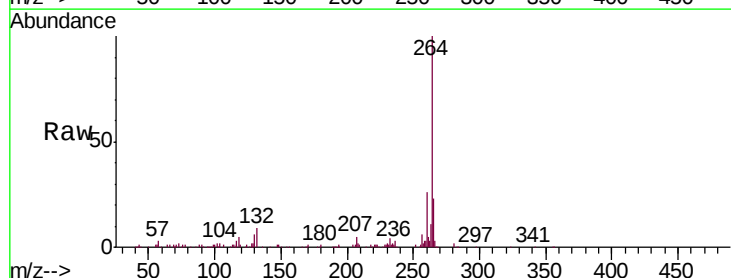
Tgt Ion:264 Resp: 227178

Ion Ratio Lower Upper

264 100

260 26.2 17.4 26.0#

265 23.2 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

