

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083018\
 Data File : BG036485.D
 Acq On : 30 Aug 2018 19:29
 Operator : JU/SJ
 Sample : J4282-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082918-C

Quant Time: Aug 31 01:16:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

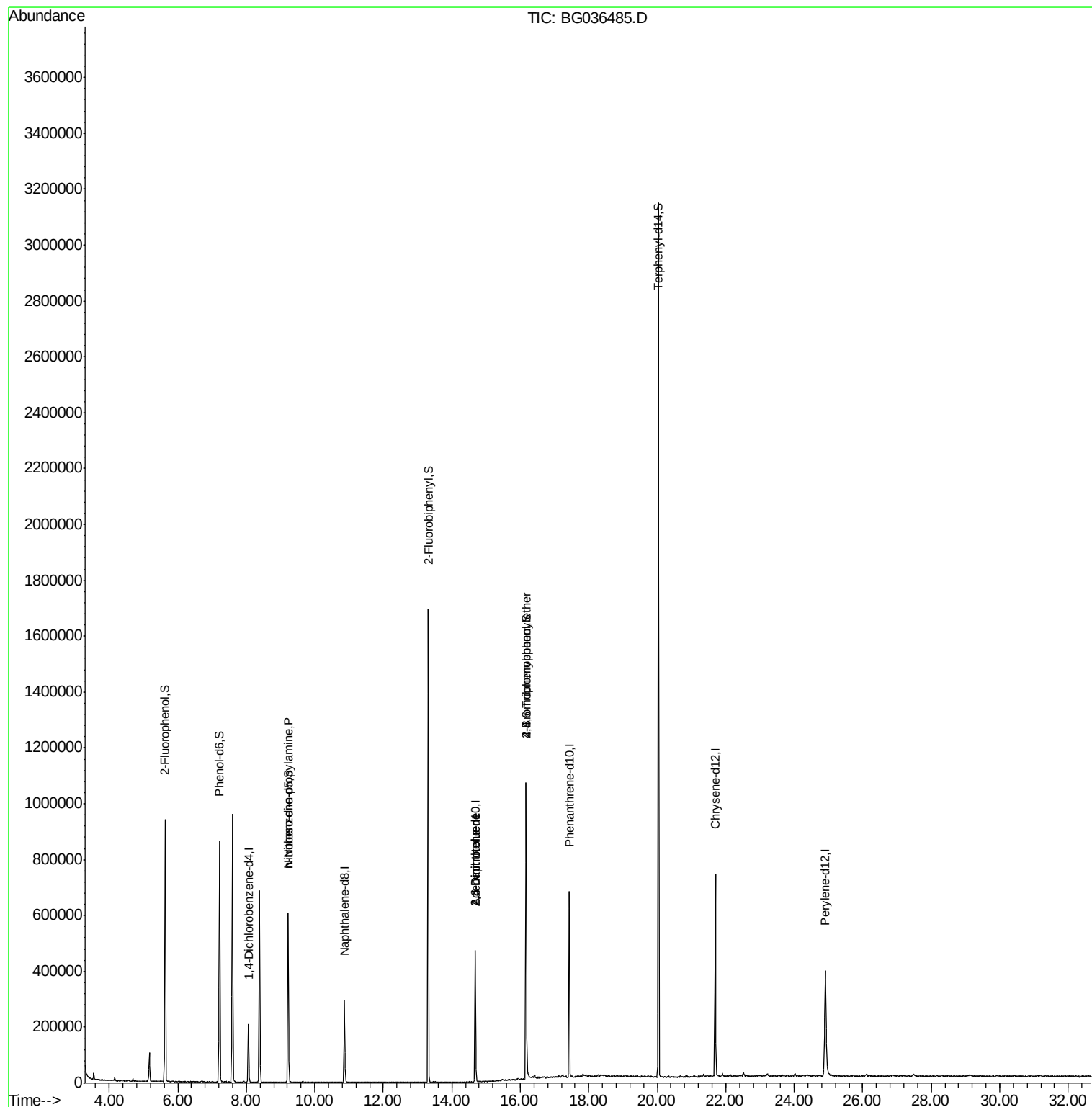
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57802	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	245777	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	162749	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	404571	20.00	ng	0.00
75) Chrysene-d12	21.70	240	457619	20.00	ng	-0.02
86) Perylene-d12	24.91	264	466836	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	386044	105.94	ng	0.00
7) Phenol-d6	7.22	99	496337	95.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	352972	77.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	210116	108.20	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	845090	74.14	ng	-0.02
78) Terphenyl-d14	20.04	244	1455394	74.34	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	47232	12.114	ng	# 70
50) 2,6-Dinitrotoluene	14.69	165	21226	7.762	ng	# 22
56) 2,4-Dinitrotoluene	14.69	165	21226	5.956	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	15181	3.205	ng	# 1

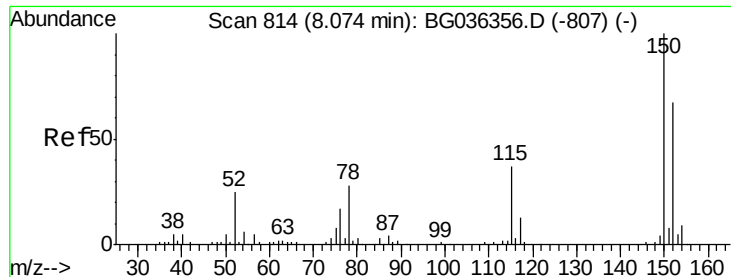
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG083018\
Data File : BG036485.D
Acq On : 30 Aug 2018 19:29
Operator : JU/SJ
Sample : J4282-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-082918-C

Quant Time: Aug 31 01:16:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration



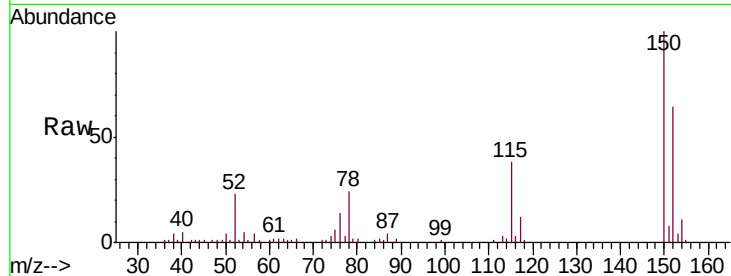


#1

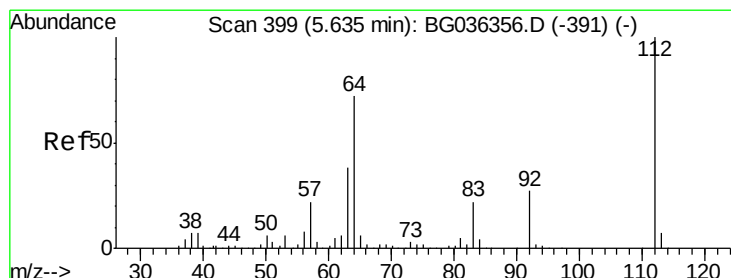
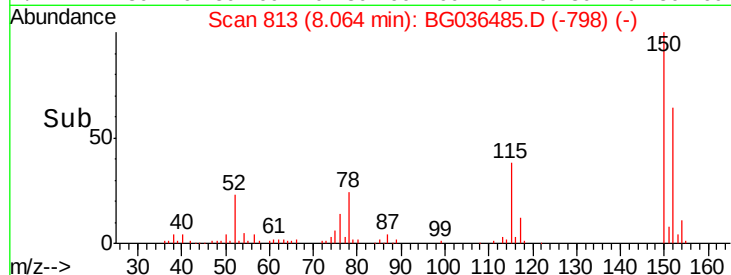
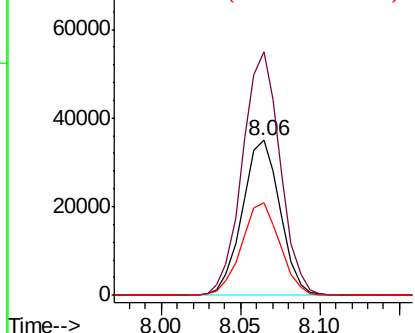
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036485.D
Acq: 30 Aug 2018 19:29

Instrument :
BNA_G
ClientSampleId :
SU-01-082918-C

Tgt Ion:152 Resp: 57802
Ion Ratio Lower Upper
152 100
150 157.2 119.5 179.3
115 59.8 44.5 66.7



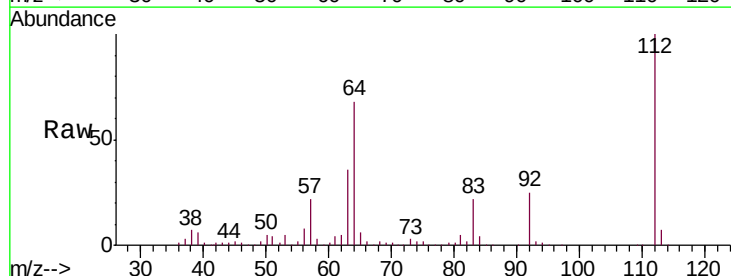
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



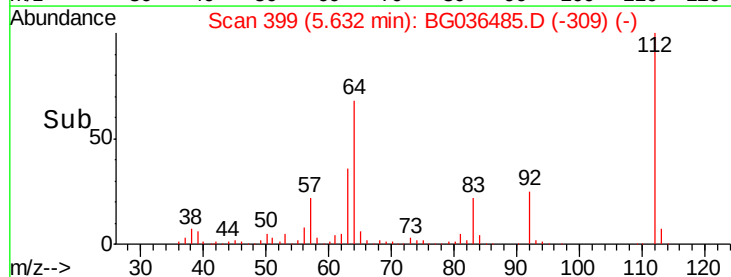
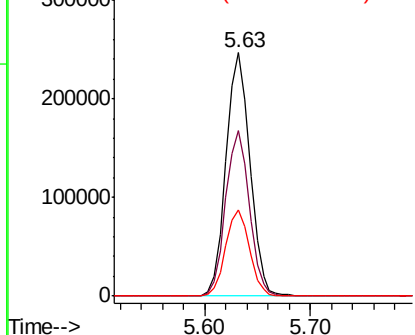
#5

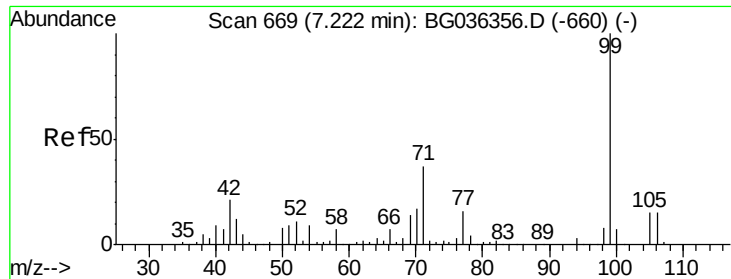
2-Fluorophenol
Concen: 105.944 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036485.D
Acq: 30 Aug 2018 19:29

Tgt Ion:112 Resp: 386044
Ion Ratio Lower Upper
112 100
64 67.7 57.2 85.8
63 35.6 30.8 46.2



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: 95.137 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036485.D

Acq: 30 Aug 2018 19:29

Instrument :

BNA_G

ClientSampleId :

SU-01-082918-C

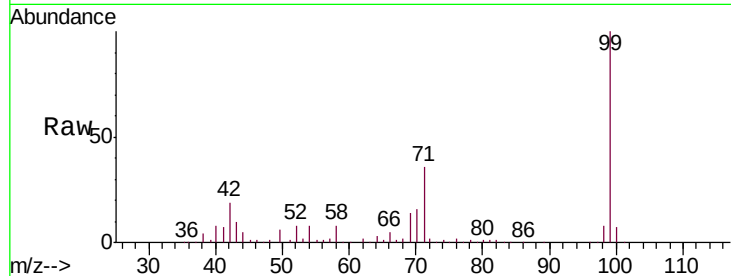
Tgt Ion: 99 Resp: 496337

Ion Ratio Lower Upper

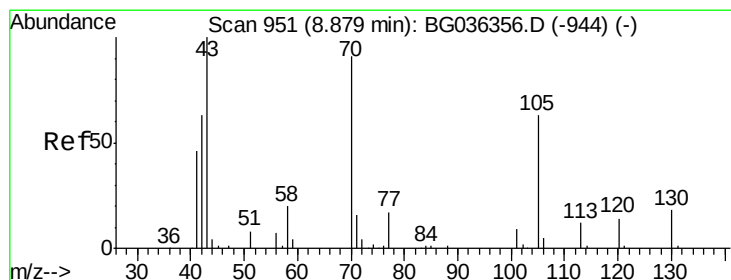
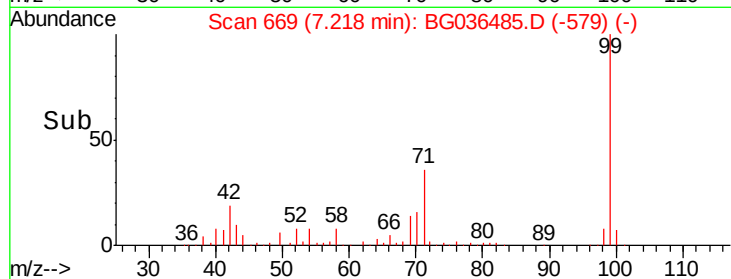
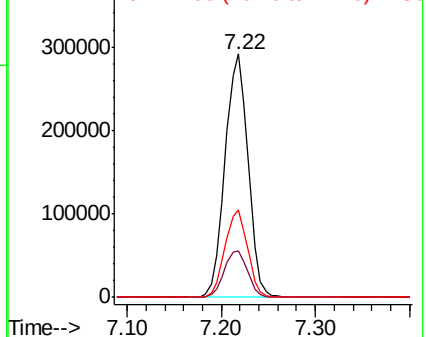
99 100

42 19.3 16.5 24.7

71 35.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.114 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG036485.D

Acq: 30 Aug 2018 19:29

Tgt Ion: 70 Resp: 47232

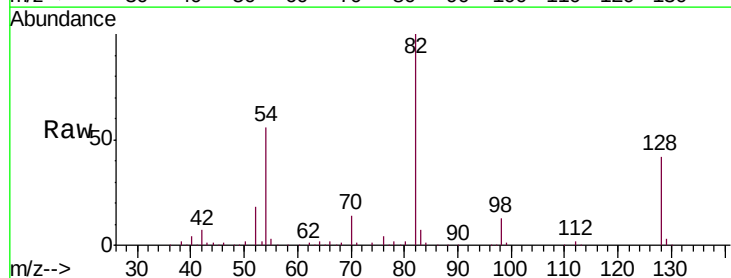
Ion Ratio Lower Upper

70 100

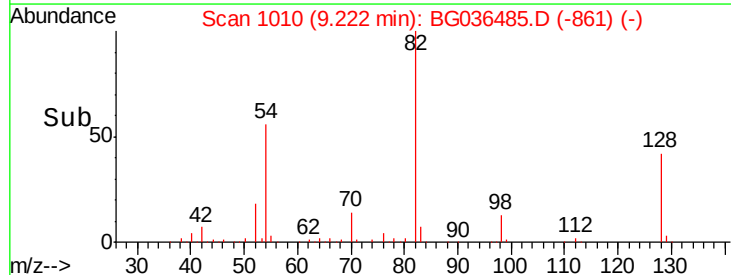
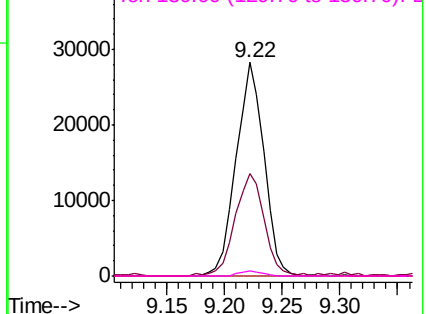
42 47.8 56.2 84.4#

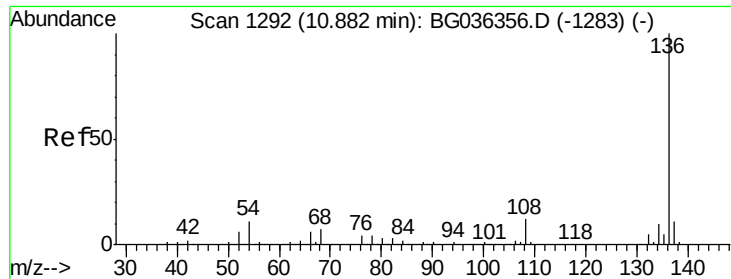
101 0.0 7.8 11.6#

130 2.2 16.2 24.2#



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

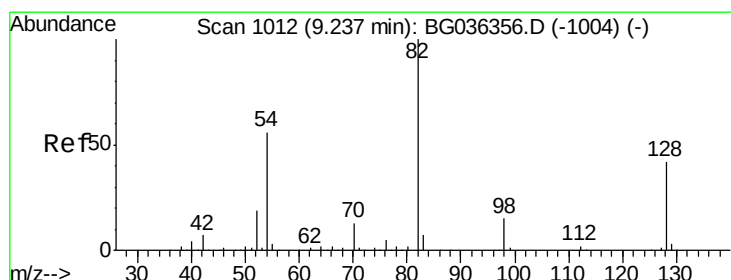
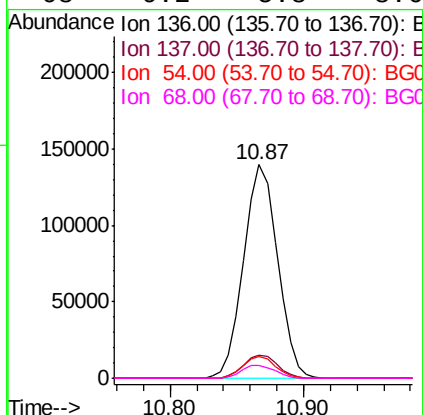
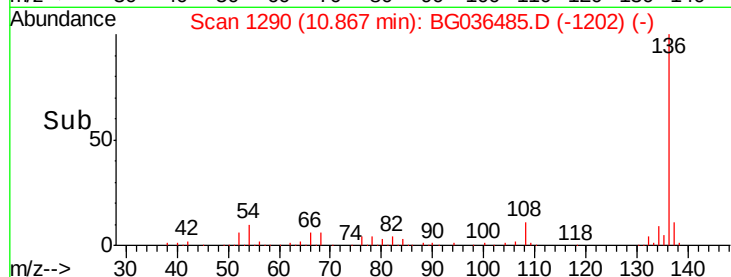
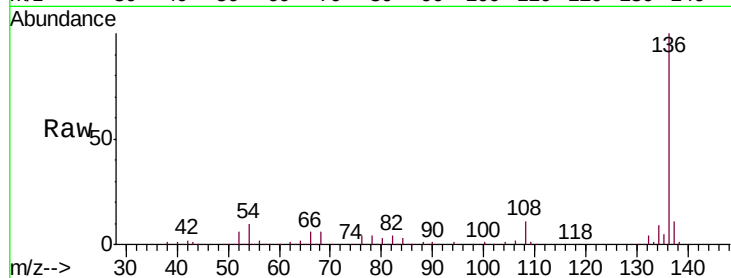




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG036485.D
Acq: 30 Aug 2018 19:29

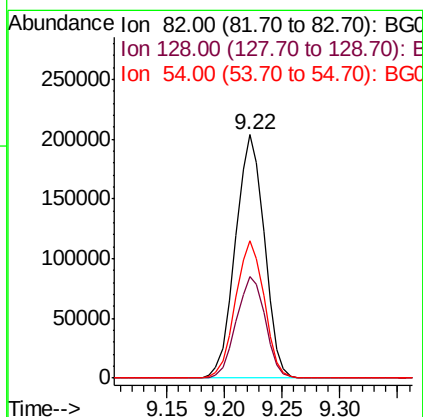
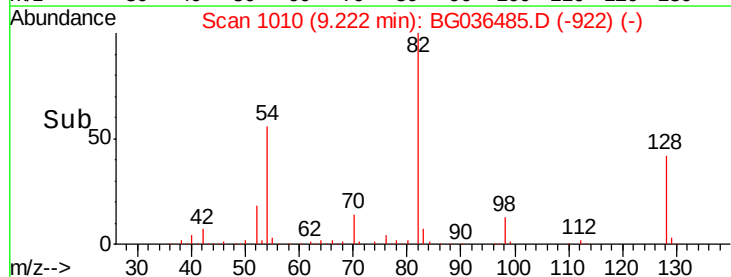
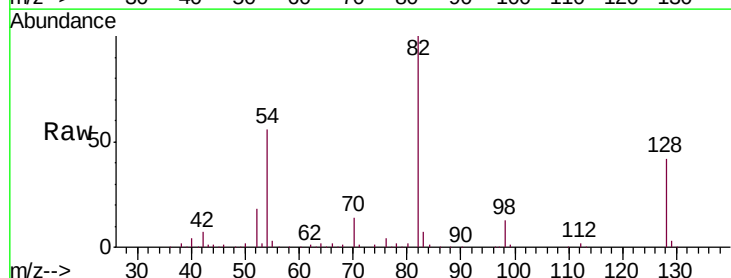
Instrument :
BNA_G
ClientSampleId :
SU-01-082918-C

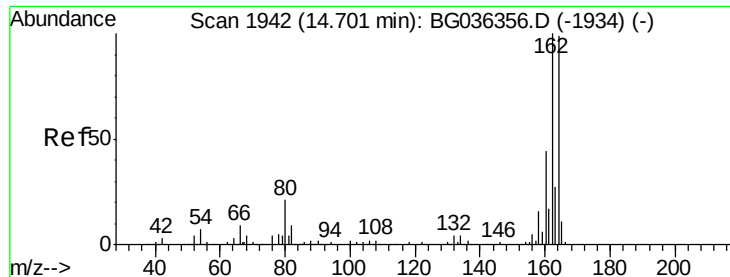
Tgt Ion:	136	Resp:	245777
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.1	9.2	13.8
68	6.2	5.8	8.6



#23
Nitrobenzene-d5
Concen: 77.921 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG036485.D
Acq: 30 Aug 2018 19:29

Tgt Ion:	82	Resp:	352972
Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.3	49.9
54	56.4	45.1	67.7

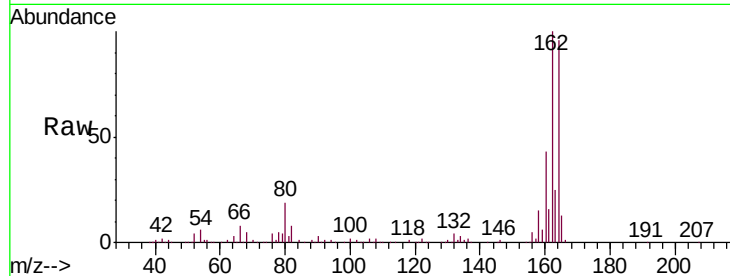




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.02 min
 Lab File: BG036485.D
 Acq: 30 Aug 2018 19:29

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082918-C

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	44.5	35.3	52.9

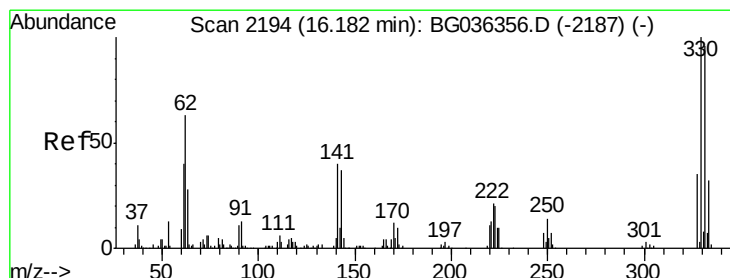
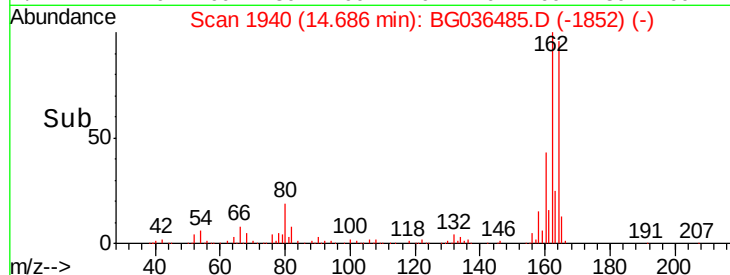
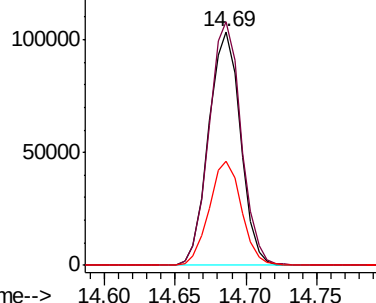


Abundance

Ion 164.00 (163.70 to 164.70): E

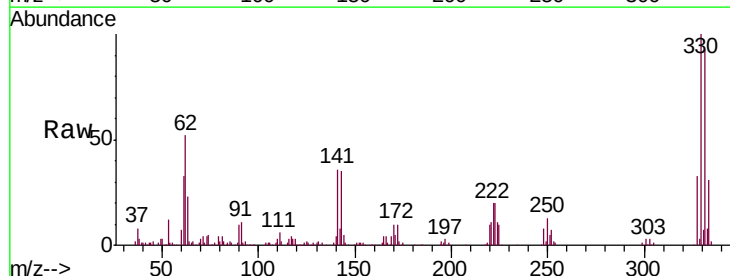
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 108.198 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036485.D
 Acq: 30 Aug 2018 19:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	37.0	30.7	46.1

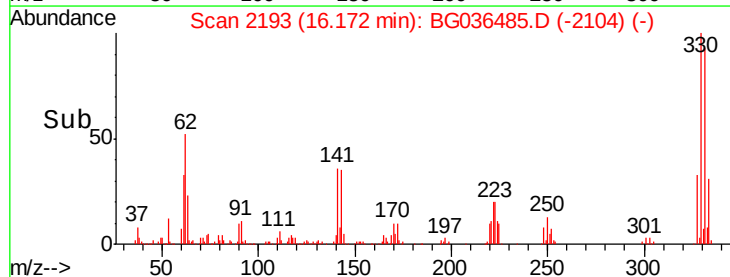
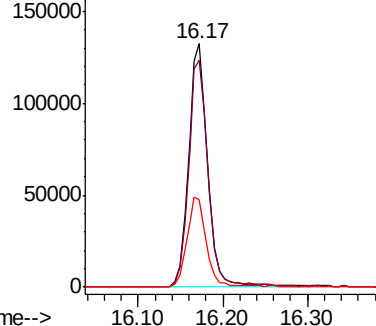


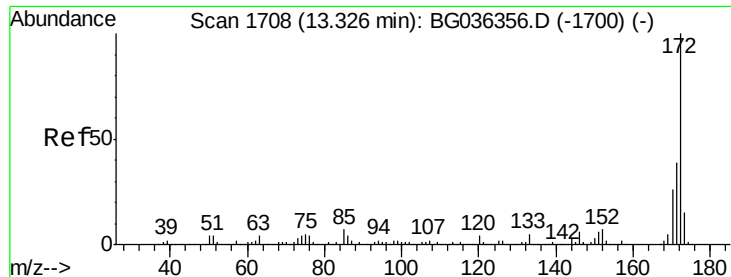
Abundance

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

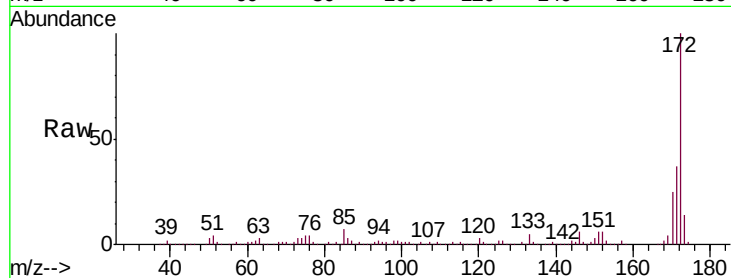




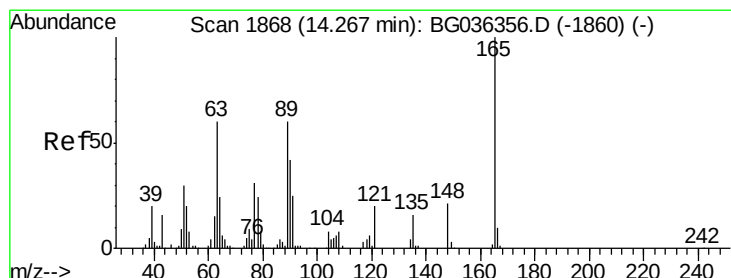
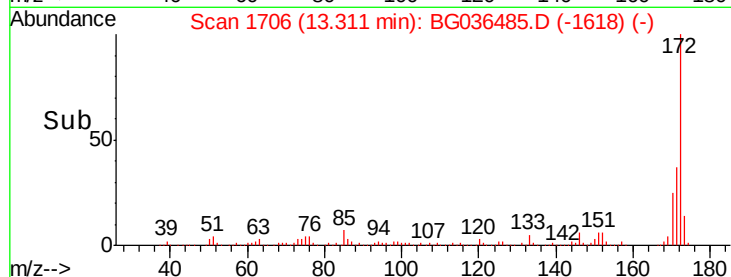
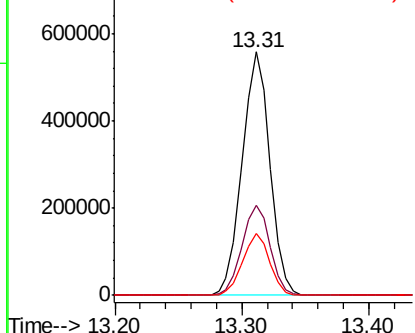
#44
 2-Fluorobiphenyl
 Concen: 74.141 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG036485.D
 Acq: 30 Aug 2018 19:29

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082918-C

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.3	46.9
170	25.2	21.0	31.6

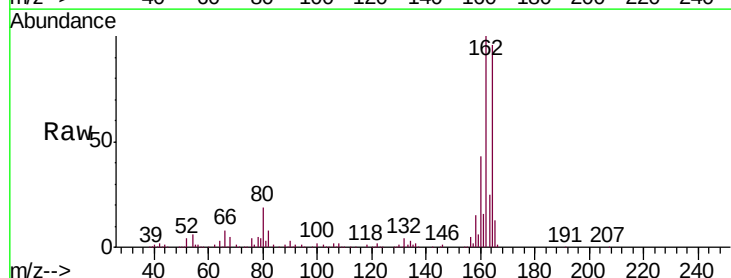


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

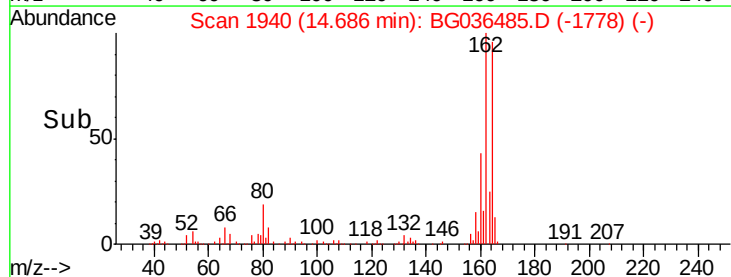
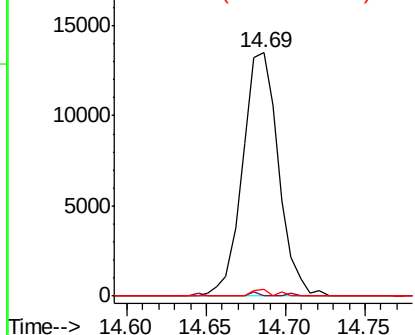


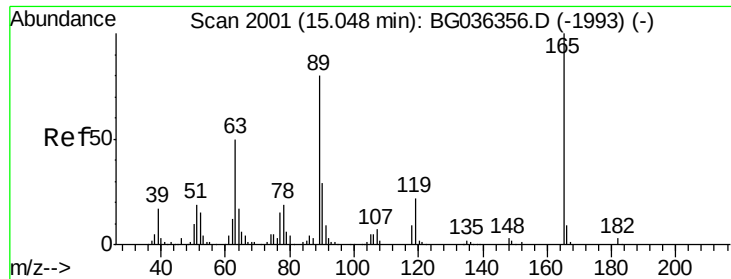
#50
 2,6-Dinitrotoluene
 Concen: 7.762 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036485.D
 Acq: 30 Aug 2018 19:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.7	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

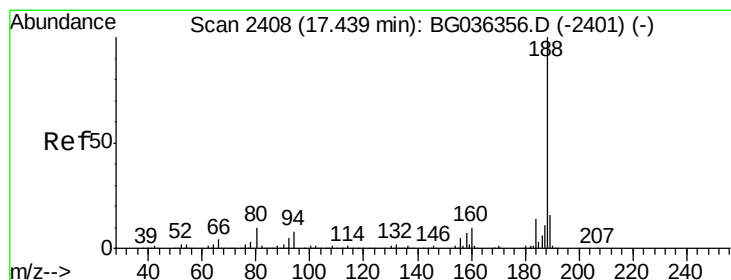
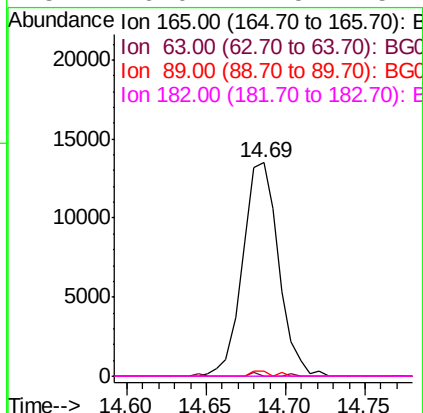
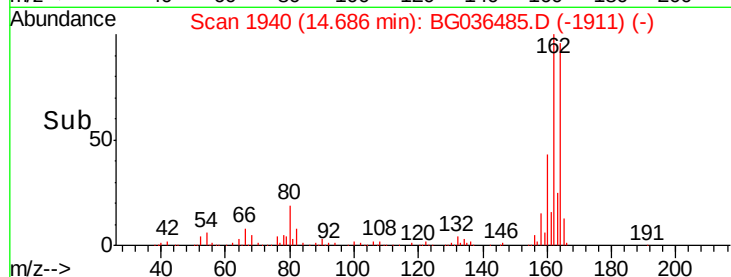
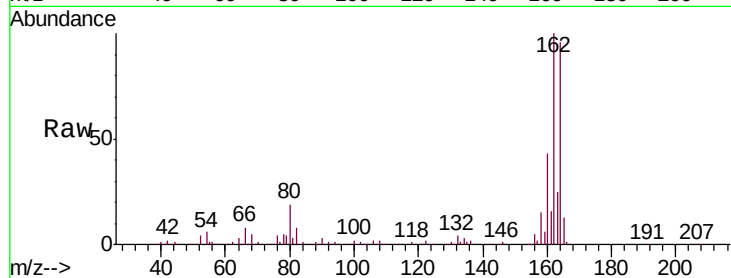




#56
 2,4-Dinitrotoluene
 Concen: 5.956 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036485.D
 Acq: 30 Aug 2018 19:29

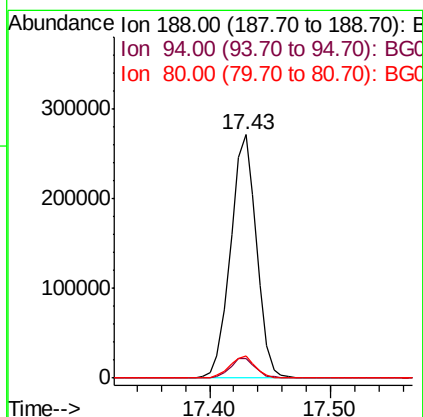
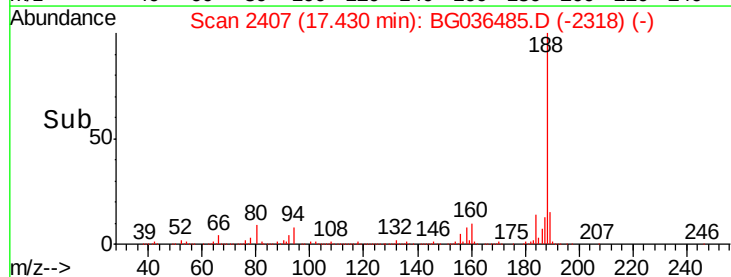
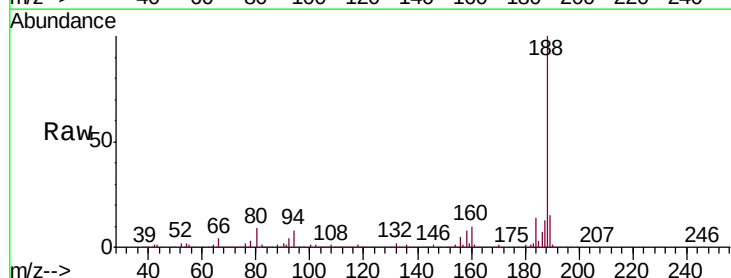
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082918-C

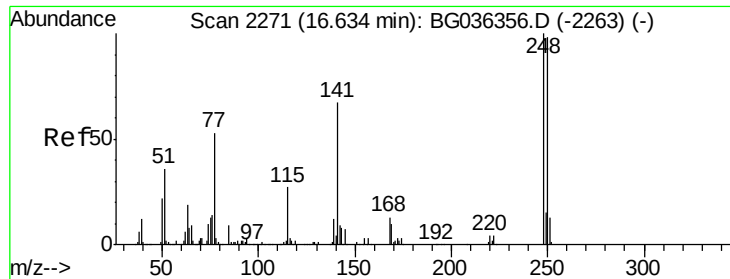
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.7	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BG036485.D
 Acq: 30 Aug 2018 19:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.9	8.1	12.1

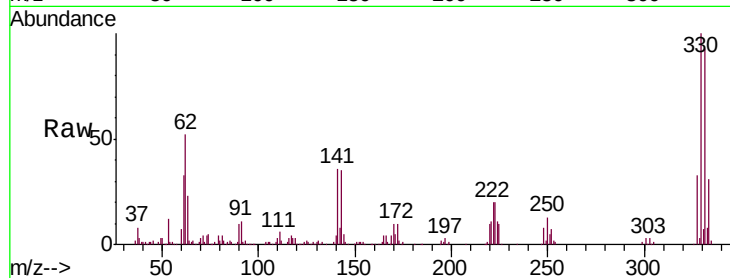




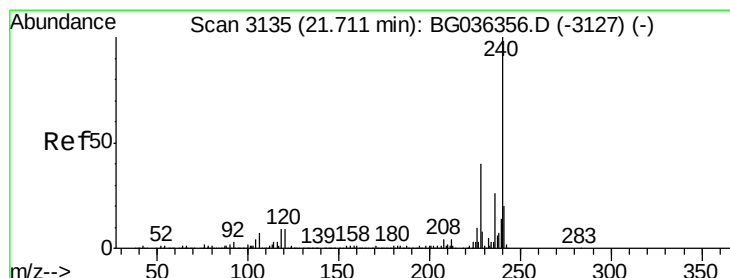
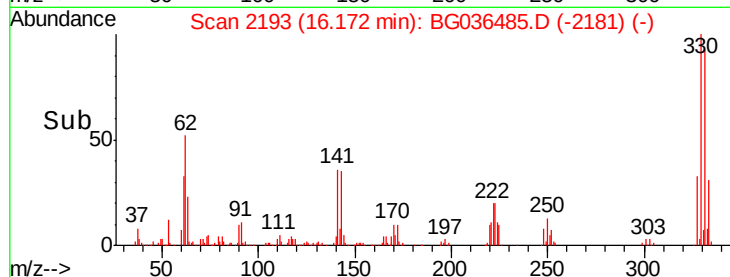
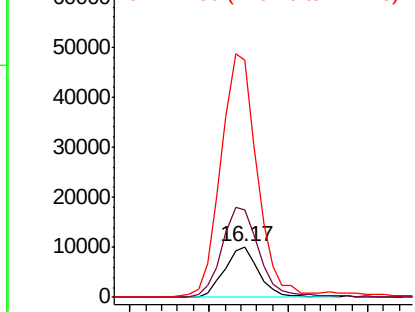
#66
4-Bromophenyl-phenylether
Concen: 3.205 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036485.D
Acq: 30 Aug 2018 19:29

Instrument :
BNA_G
ClientSampleId :
SU-01-082918-C

Tgt Ion:248 Resp: 15181
Ion Ratio Lower Upper
248 100
250 172.9 78.1 117.1#
141 470.4 53.7 80.5#

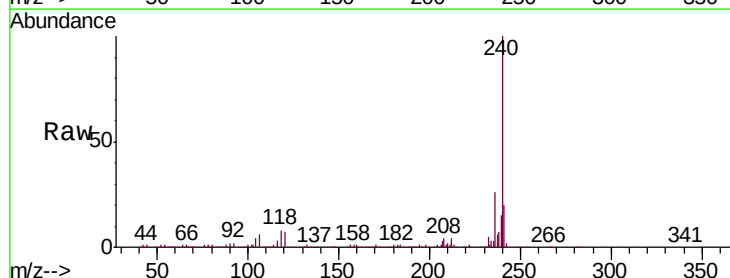


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

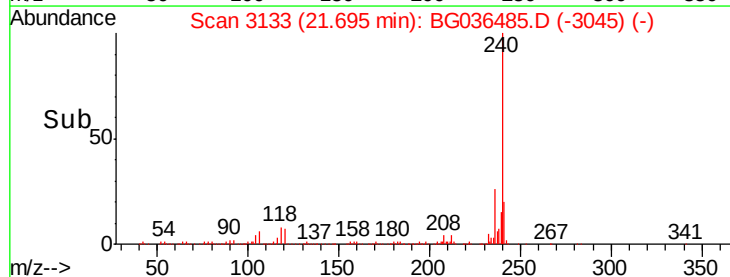
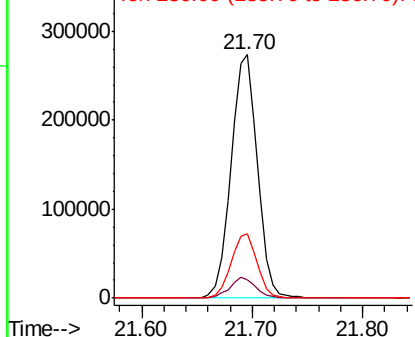


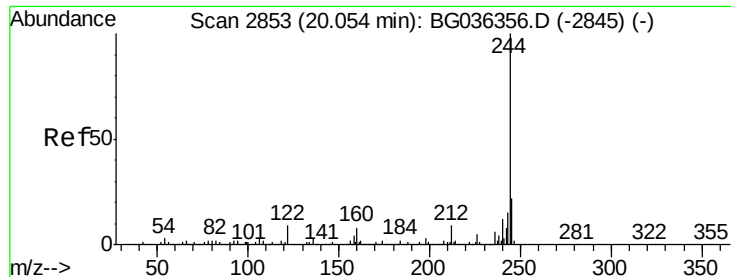
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG036485.D
Acq: 30 Aug 2018 19:29

Tgt Ion:240 Resp: 457619
Ion Ratio Lower Upper
240 100
120 7.4 6.9 10.3
236 26.5 21.2 31.8



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





#78

Terphenyl-d14

Concen: 74.336 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG036485.D

Acq: 30 Aug 2018 19:29

Instrument :

BNA_G

ClientSampleId :

SU-01-082918-C

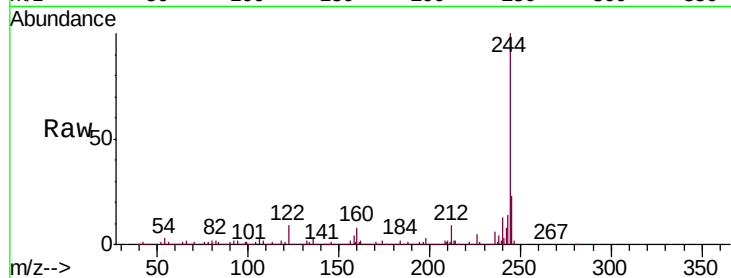
Tgt Ion:244 Resp: 1455394

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

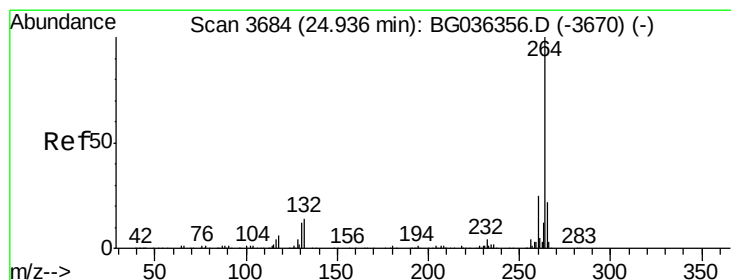
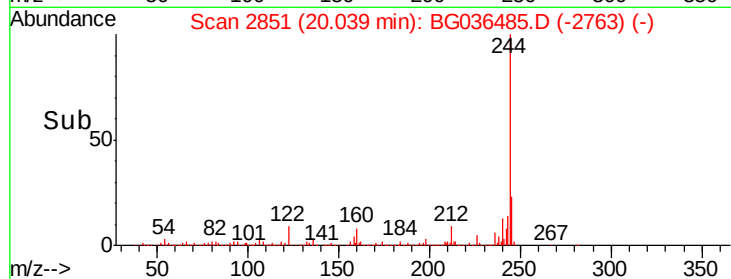
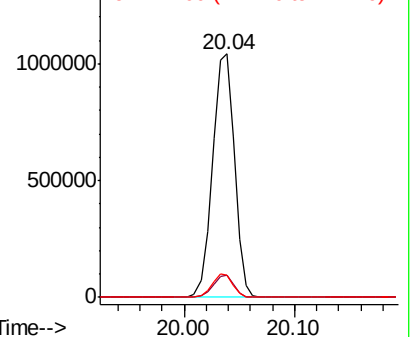
122 9.0 7.1 10.7



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: 24.91 min Scan# 3680

Delta R.T. -0.03 min

Lab File: BG036485.D

Acq: 30 Aug 2018 19:29

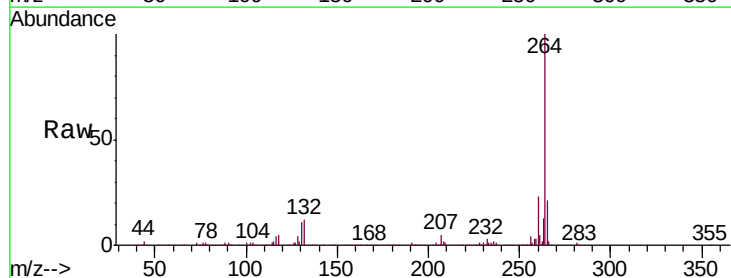
Tgt Ion:264 Resp: 466836

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 20.9 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

