

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041586.D
 Acq On : 3 Jul 2019 12:01
 Operator : HP/JU
 Sample : K3160-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 13:08:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

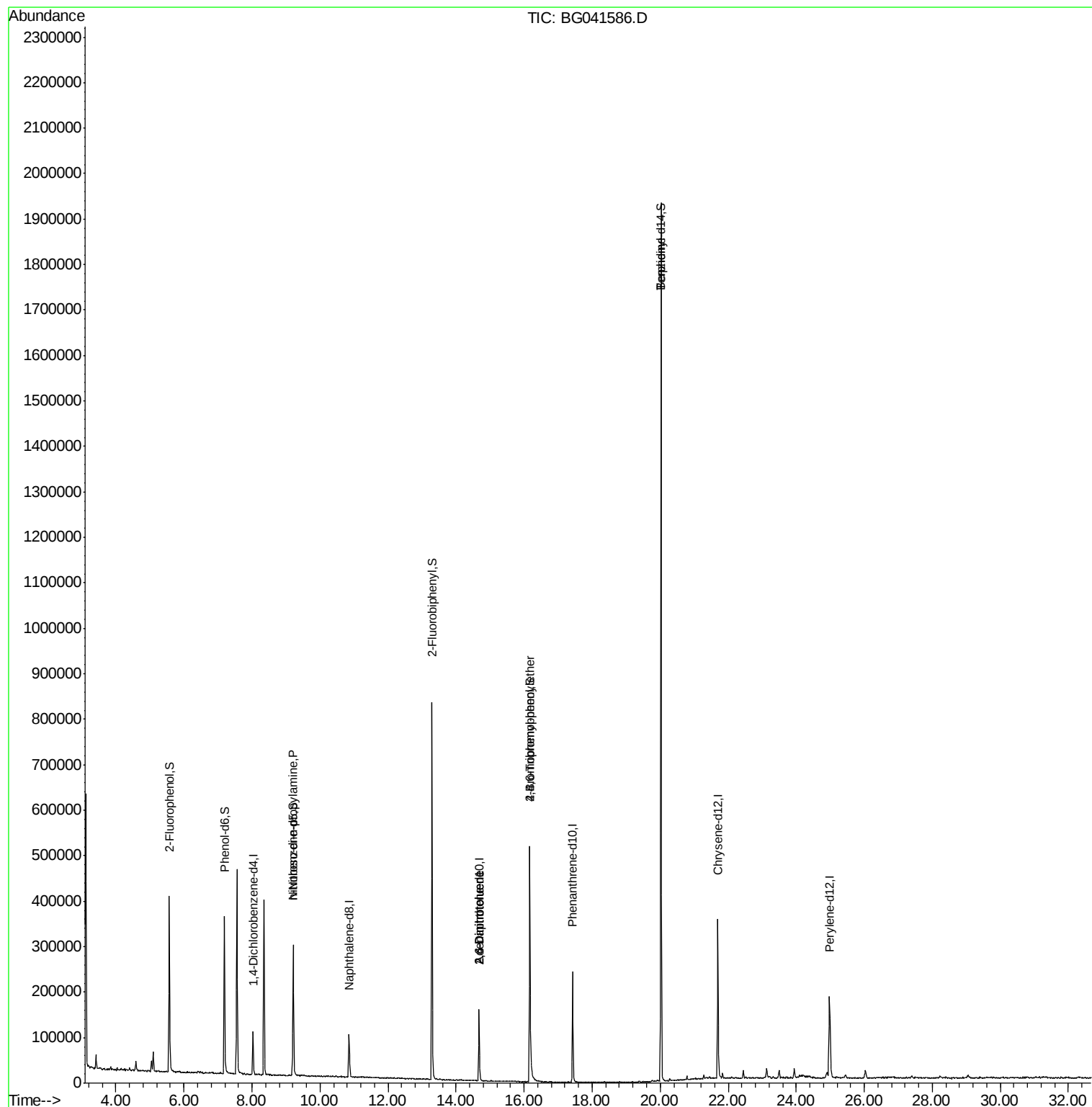
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	26111	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	86435	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	59697	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	167665	20.00	ng	0.00
76) Chrysene-d12	21.70	240	219047	20.00	ng	0.00
87) Perylene-d12	24.98	264	233223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	160280	109.44	ng	0.00
7) Phenol-d6	7.19	99	191045	92.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	182536	88.08	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	125401	123.03	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	413731	88.94	ng	0.00
79) Terphenyl-d14	20.03	244	1001452	97.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	25484	16.571	ng	# 77
51) 2,6-Dinitrotoluene	14.67	165	8002	6.941	ng	# 17
57) 2,4-Dinitrotoluene	14.67	165	8002	4.784	ng	# 23
67) 4-Bromophenyl-phenylether	16.17	248	7838	3.421	ng	# 1
77) Benzidine	20.02	184	16616	3.419	ng	# 94

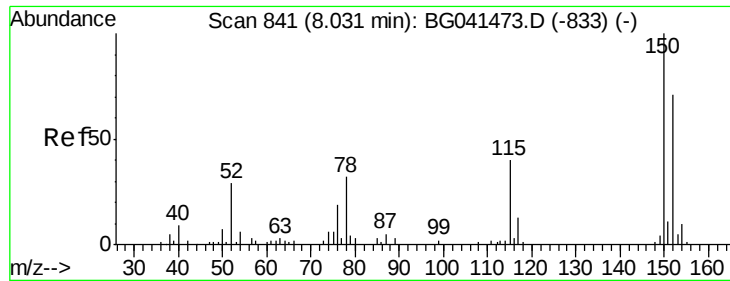
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041586.D
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Sample : K3160-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 03 13:08:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration



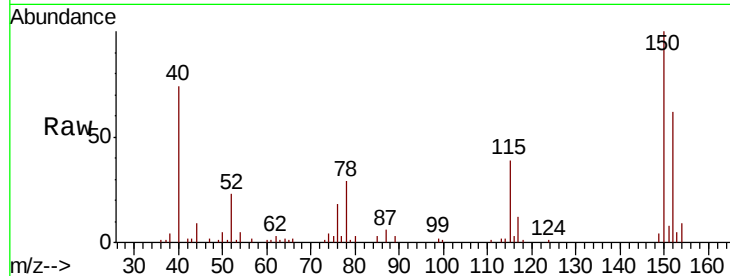


#1

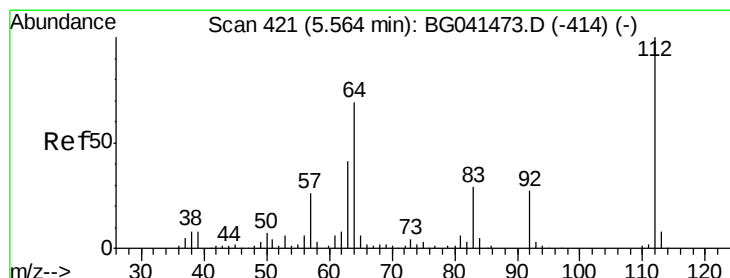
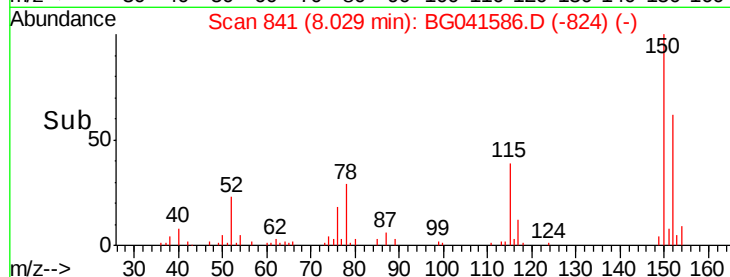
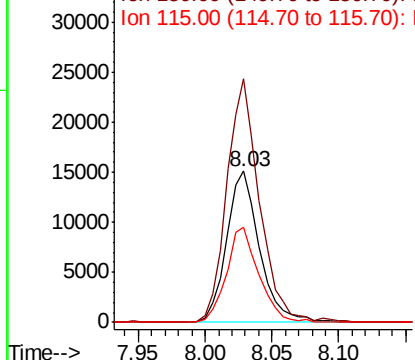
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041586.D
Acq: 3 Jul 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26111
Ion Ratio Lower Upper
152 100
150 161.0 112.4 168.6
115 62.9 44.6 66.8



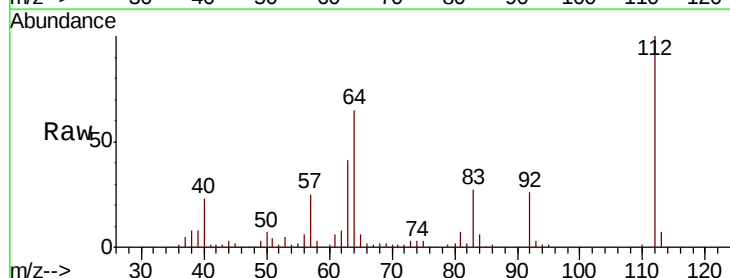
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



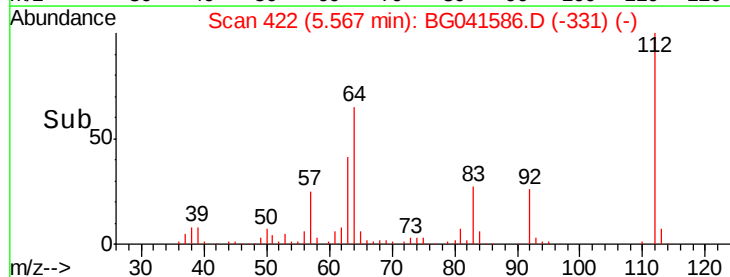
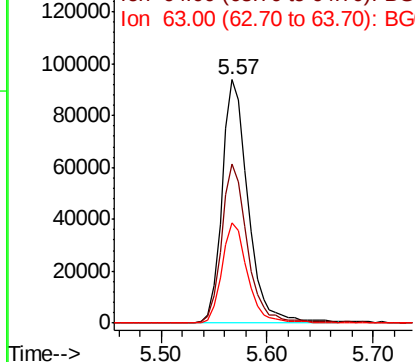
#5

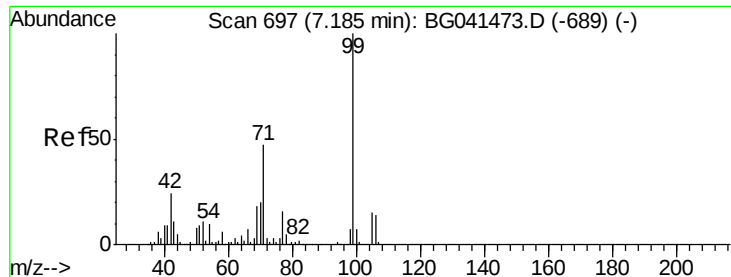
2-Fluorophenol
Concen: 109.439 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041586.D
Acq: 3 Jul 2019 12:01

Tgt Ion:112 Resp: 160280
Ion Ratio Lower Upper
112 100
64 65.4 55.1 82.7
63 41.2 32.4 48.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 92.663 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

Instrument :

BNA_G

ClientSampled :

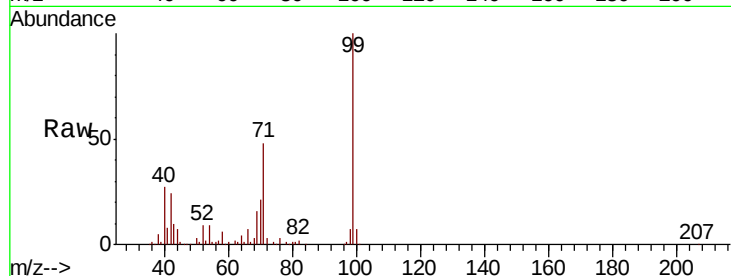
Tot Ion: 99 Resp: 191045

Ion Ratio Lower Upper

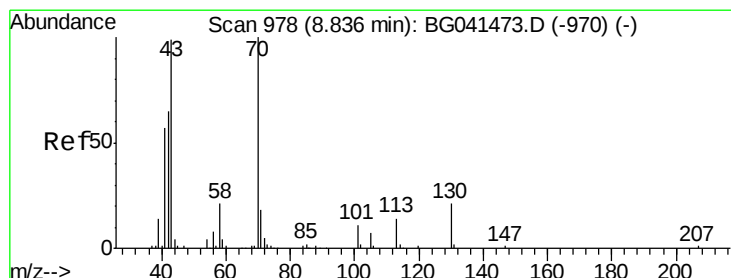
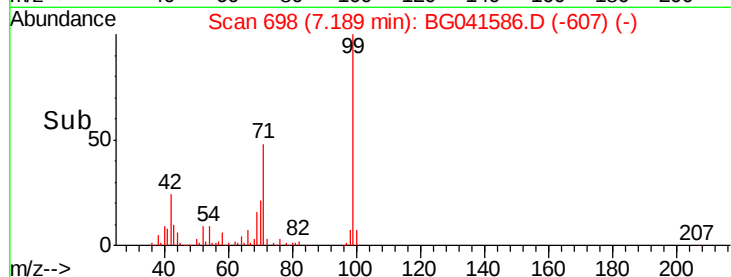
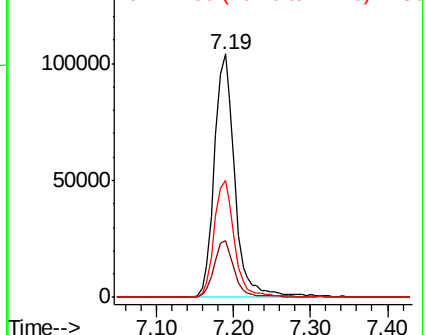
99 100

42 23.6 19.0 28.6

71 48.1 37.4 56.2



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: 16.571 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.37 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

Tgt Ion: 70 Resp: 25484

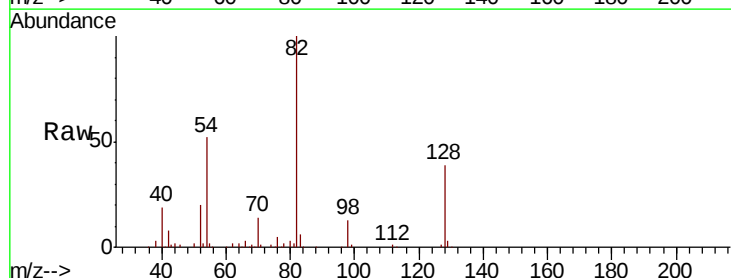
Ion Ratio Lower Upper

70 100

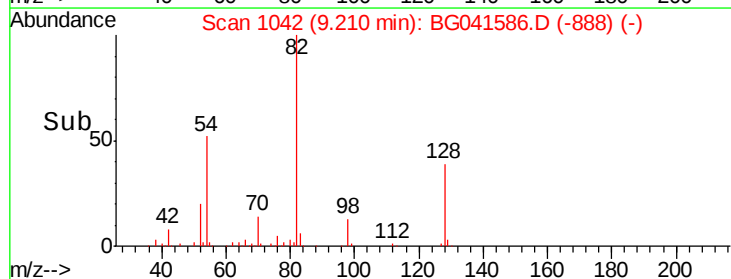
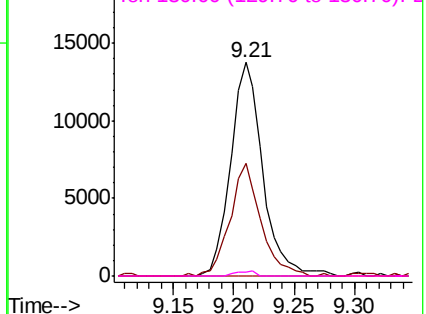
42 52.6 52.6 78.8

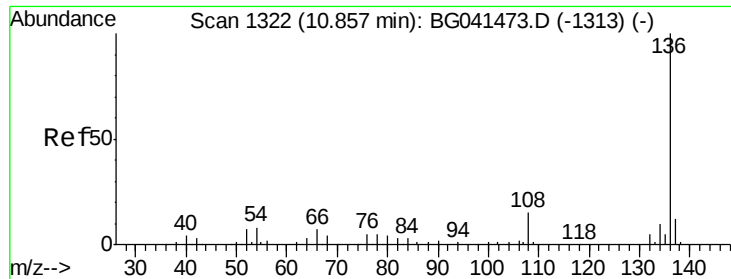
101 0.0 8.6 13.0#

130 2.0 16.6 25.0#



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

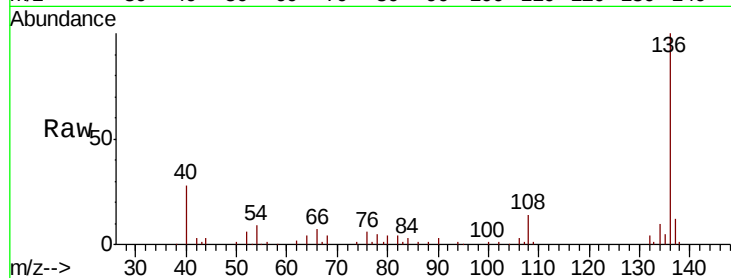




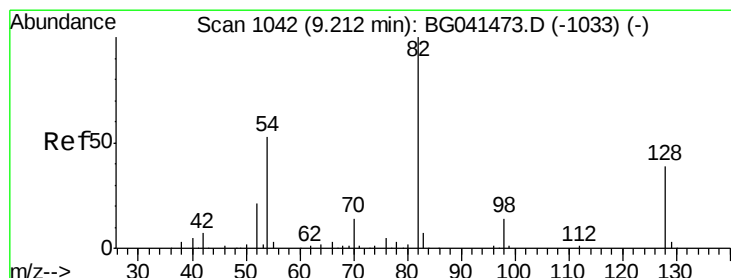
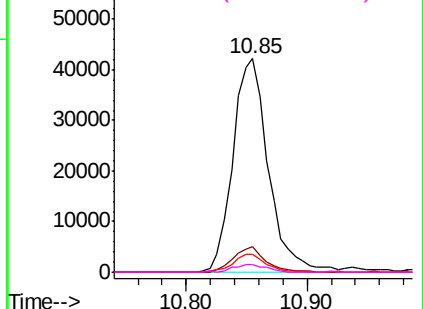
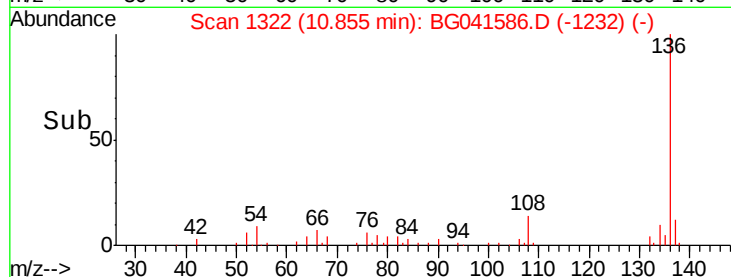
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041586.D
Acq: 3 Jul 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	86435
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.3 13.9
54	8.6	7.1 10.7
68	3.6	3.3 4.9

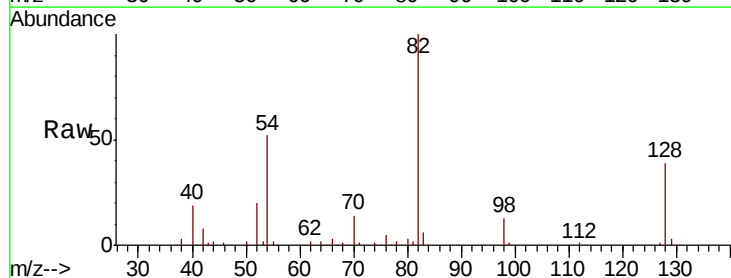


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

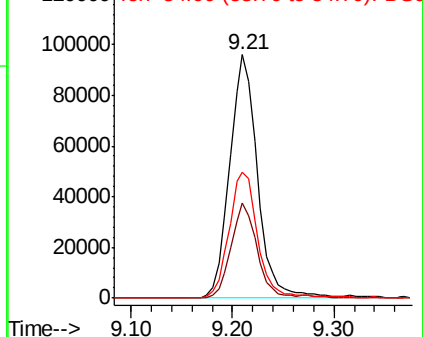
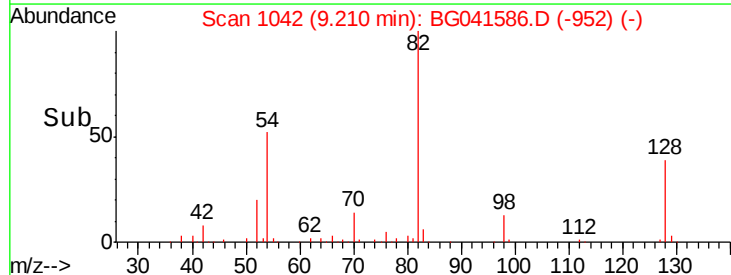


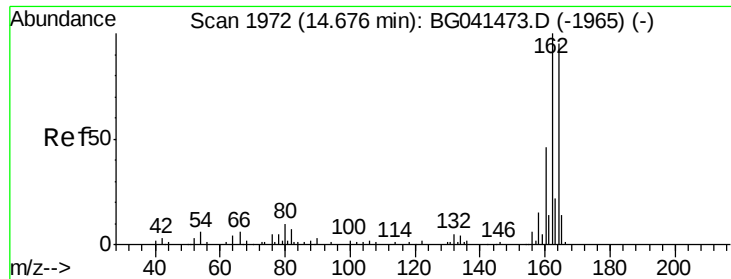
#23
Nitrobenzene-d5
Concen: 88.078 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041586.D
Acq: 3 Jul 2019 12:01

Tgt Ion: 82	Resp:	182536
Ion Ratio	Lower	Upper
82	100	
128	38.9	30.9 46.3
54	51.6	42.2 63.2



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

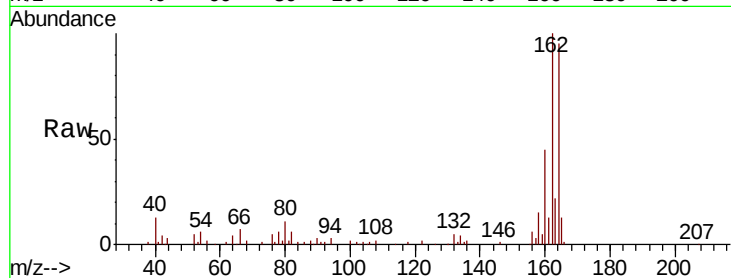




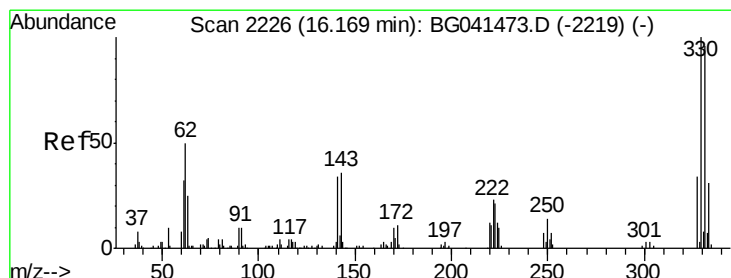
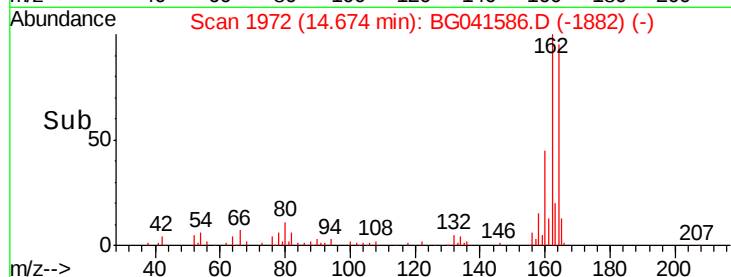
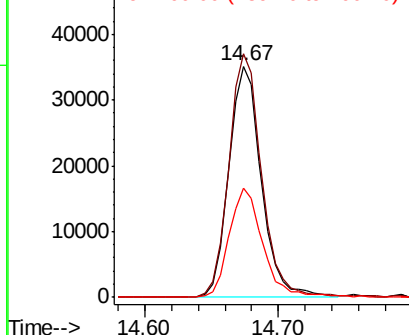
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041586.D
Acq: 3 Jul 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 59697
Ion Ratio Lower Upper
164 100
162 105.3 84.4 126.6
160 47.1 38.8 58.2

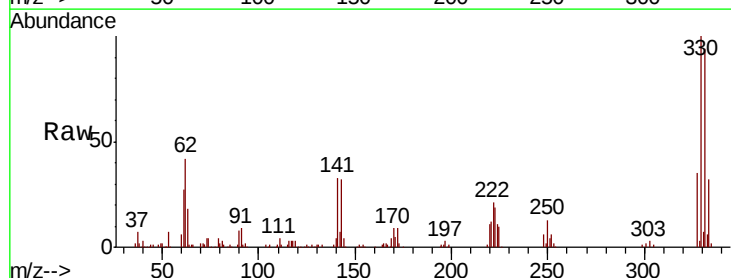


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

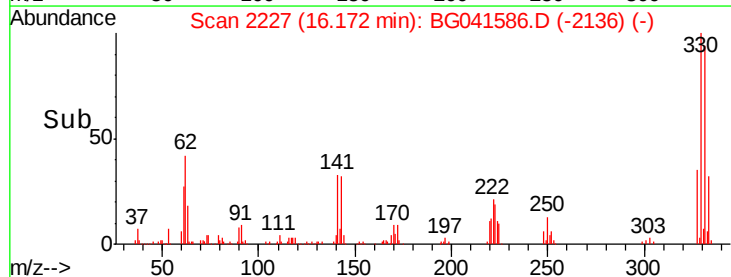
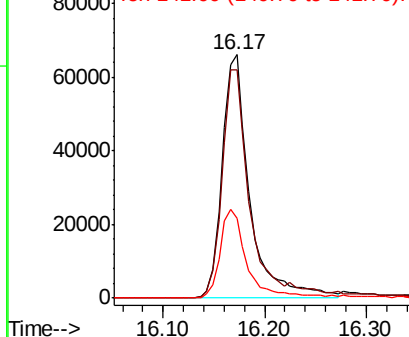


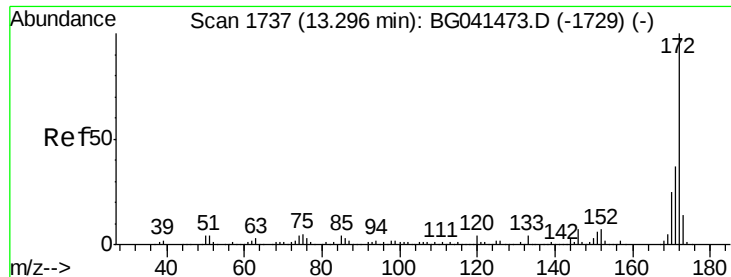
#42
2,4,6-Tribromophenol
Concen: 123.028 ng
RT: 16.17 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG041586.D
Acq: 3 Jul 2019 12:01

Tgt Ion:330 Resp: 125401
Ion Ratio Lower Upper
330 100
332 98.8 75.5 113.3
141 35.0 27.8 41.6



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

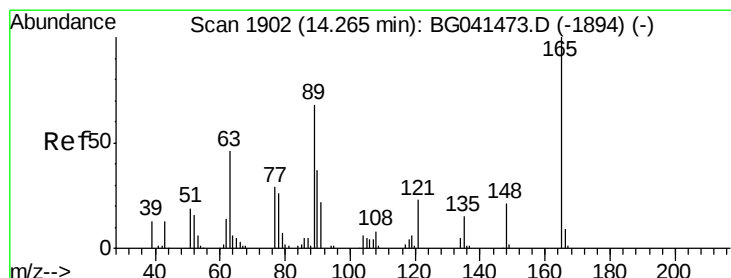
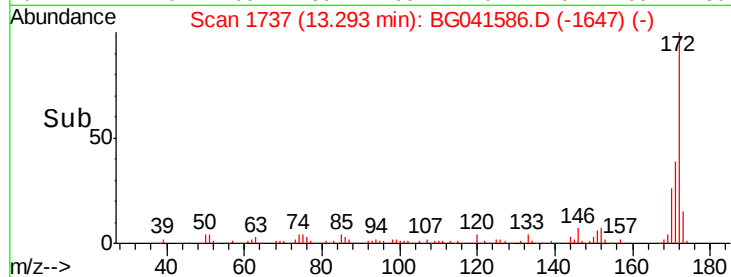
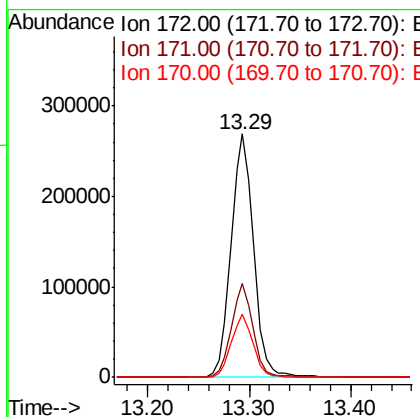
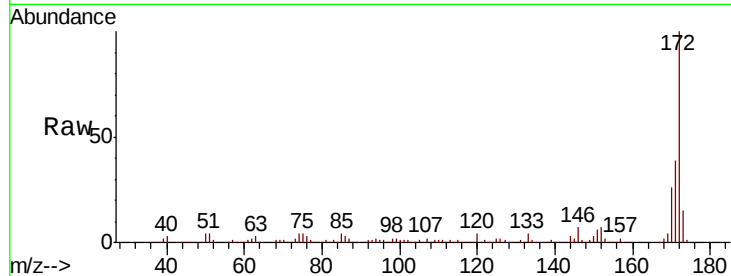




#45
 2-Fluorobiphenyl
 Concen: 88.936 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041586.D
 Acq: 3 Jul 2019 12:01

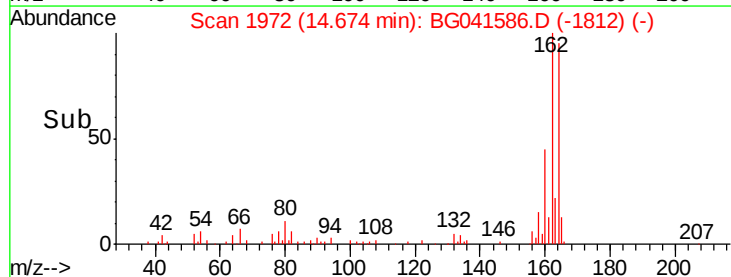
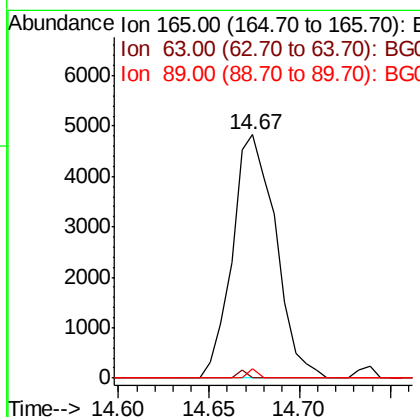
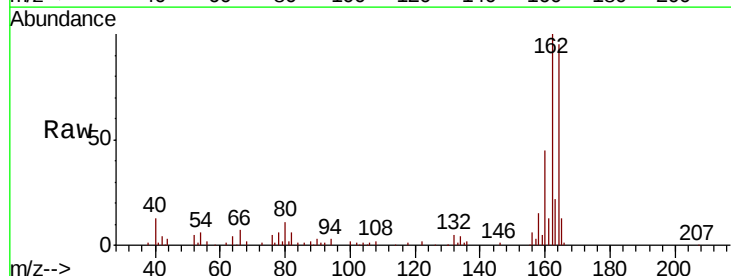
Instrument :
 BNA_G
 ClientSampleId :

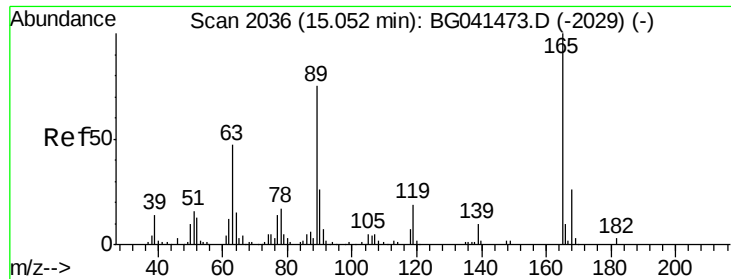
Tot Ion:172 Resp: 413731
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.6 44.4
 170 25.7 20.0 30.0



#51
 2,6-Dinitrotoluene
 Concen: 6.941 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.41 min
 Lab File: BG041586.D
 Acq: 3 Jul 2019 12:01

Tgt Ion:165 Resp: 8002
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.4 84.6#
 89 3.7 54.6 81.8#

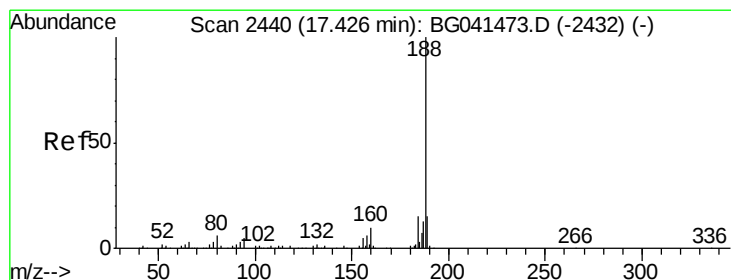
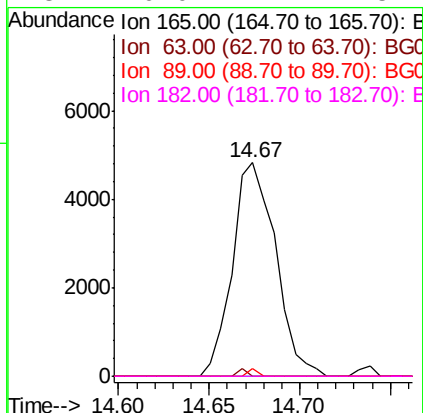
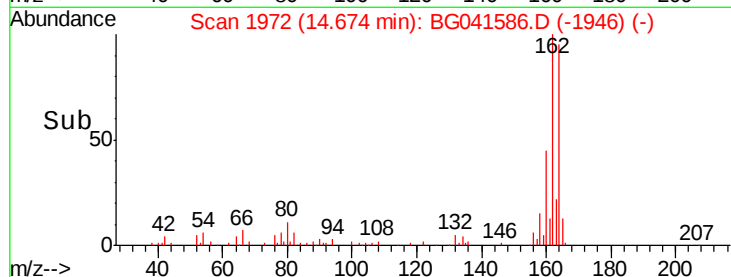
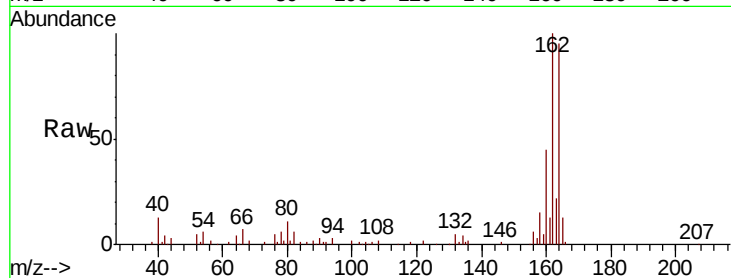




#57
 2,4-Dinitrotoluene
 Concen: 4.784 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041586.D
 Acq: 3 Jul 2019 12:01

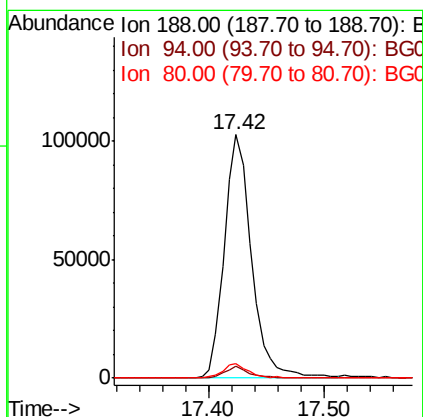
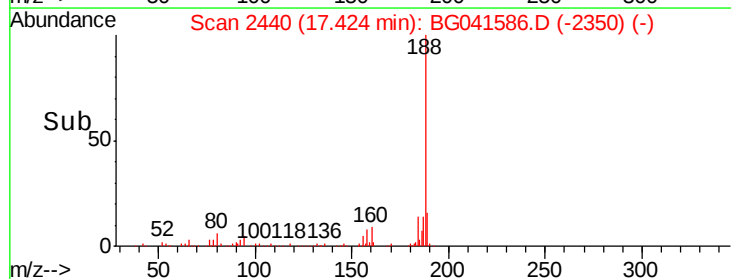
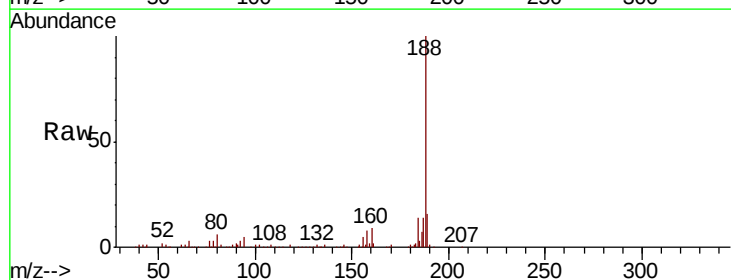
Instrument :
 BNA_G
 ClientSampleId :

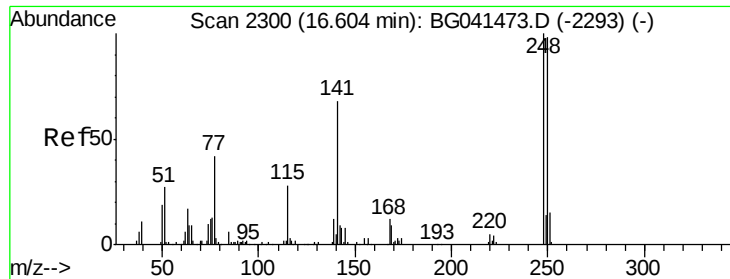
Tot Ion:165	Resp: 8002
Ion Ratio	Lower Upper
165 100	
63 0.0	38.8 58.2#
89 3.7	60.1 90.1#
182 0.0	2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG041586.D
 Acq: 3 Jul 2019 12:01

Tgt	Ion:188	Resp:	167665
Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.8	5.8
80	6.0	4.8	7.2

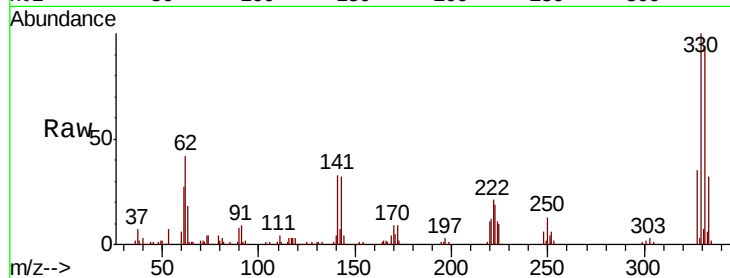




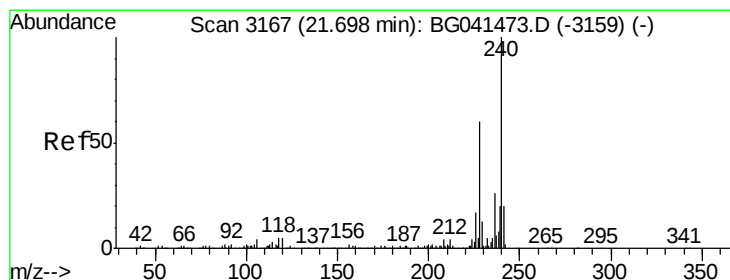
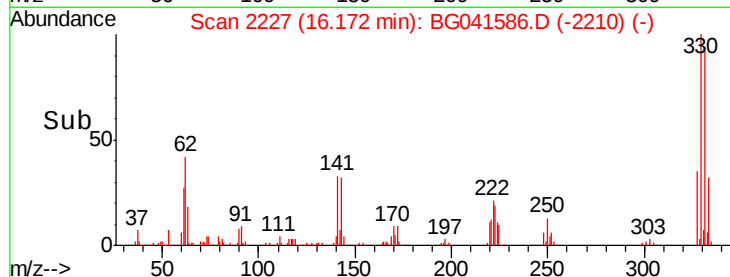
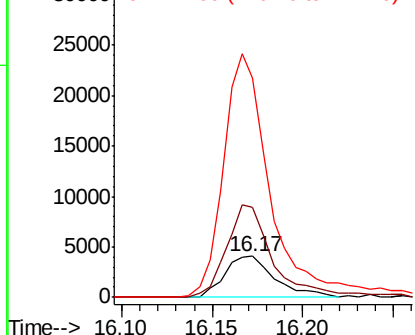
#67
 4-Bromophenyl-phenylether
 Concen: 3.421 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.43 min
 Lab File: BG041586.D
 Acq: 3 Jul 2019 12:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 7838
 Ion Ratio Lower Upper
 248 100
 250 217.7 78.1 117.1#
 141 532.5 54.1 81.1#

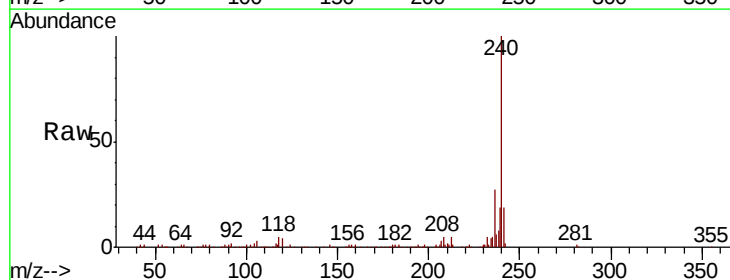


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

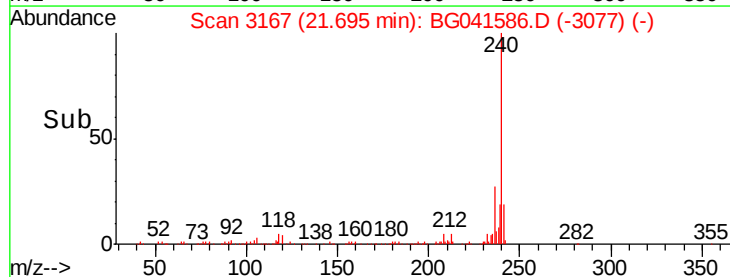
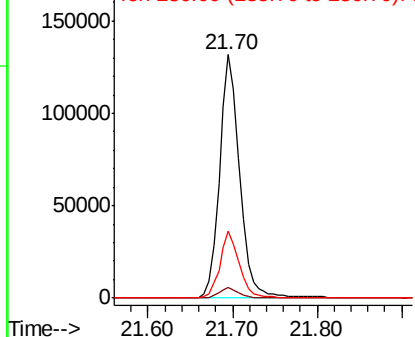


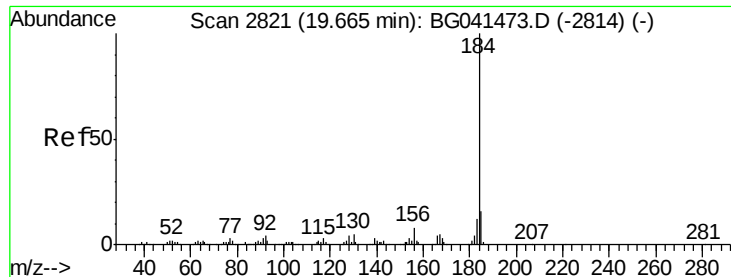
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041586.D
 Acq: 3 Jul 2019 12:01

Tgt Ion:240 Resp: 219047
 Ion Ratio Lower Upper
 240 100
 120 4.3 3.7 5.5
 236 27.3 20.8 31.2



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





#77

Benzidine

Concen: 3.419 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.36 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

Instrument :

BNA_G

ClientSampleId :

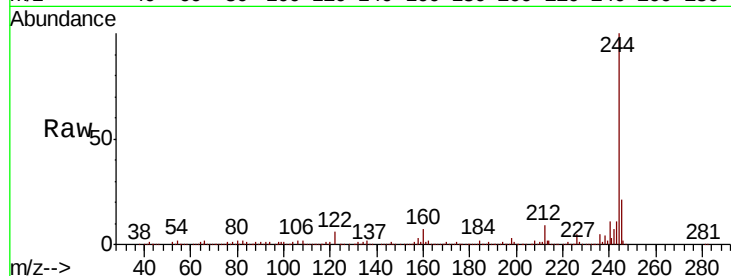
Tot Ion:184 Resp: 16616

Ion Ratio Lower Upper

184 100

185 17.7 12.7 19.1

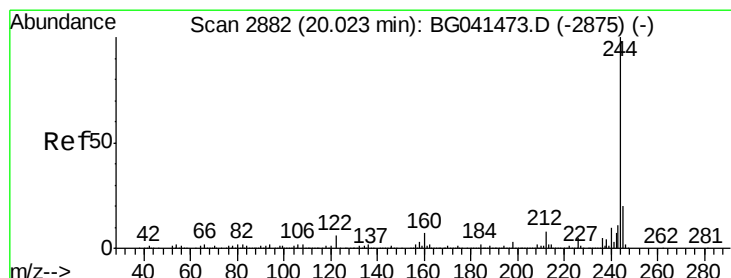
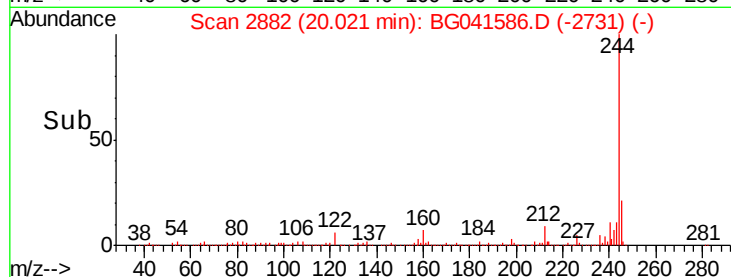
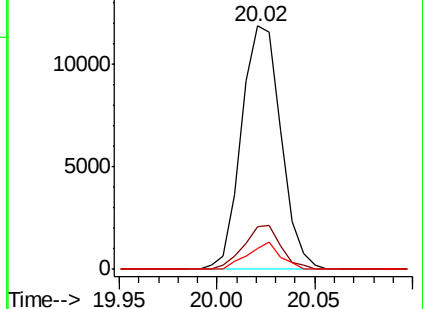
183 8.6 9.4 14.2#



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



#79

Terphenyl-d14

Concen: 97.156 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041586.D

Acq: 3 Jul 2019 12:01

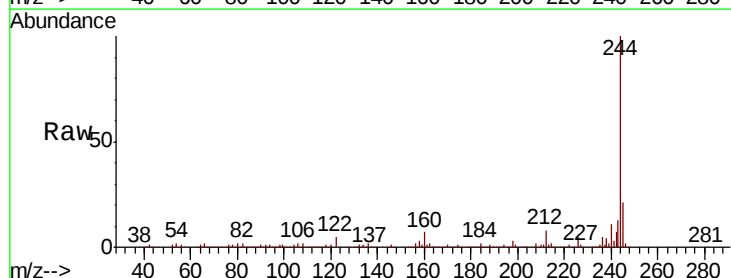
Tgt Ion:244 Resp: 1001452

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

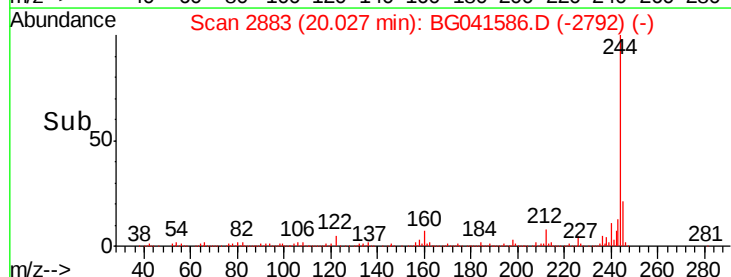
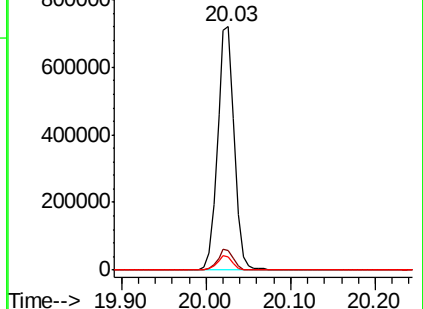
122 5.3 4.8 7.2

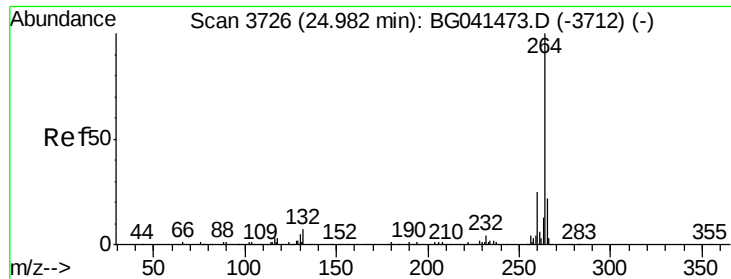


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041586.D
Acq: 3 Jul 2019 12:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.2	17.4	26.2

