

Data File : BG036743.D
Acq On : 15 Sep 2018 16:16
Operator : JU/SJ
Sample : J4906-20
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Quant Time: Sep 17 03:50:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

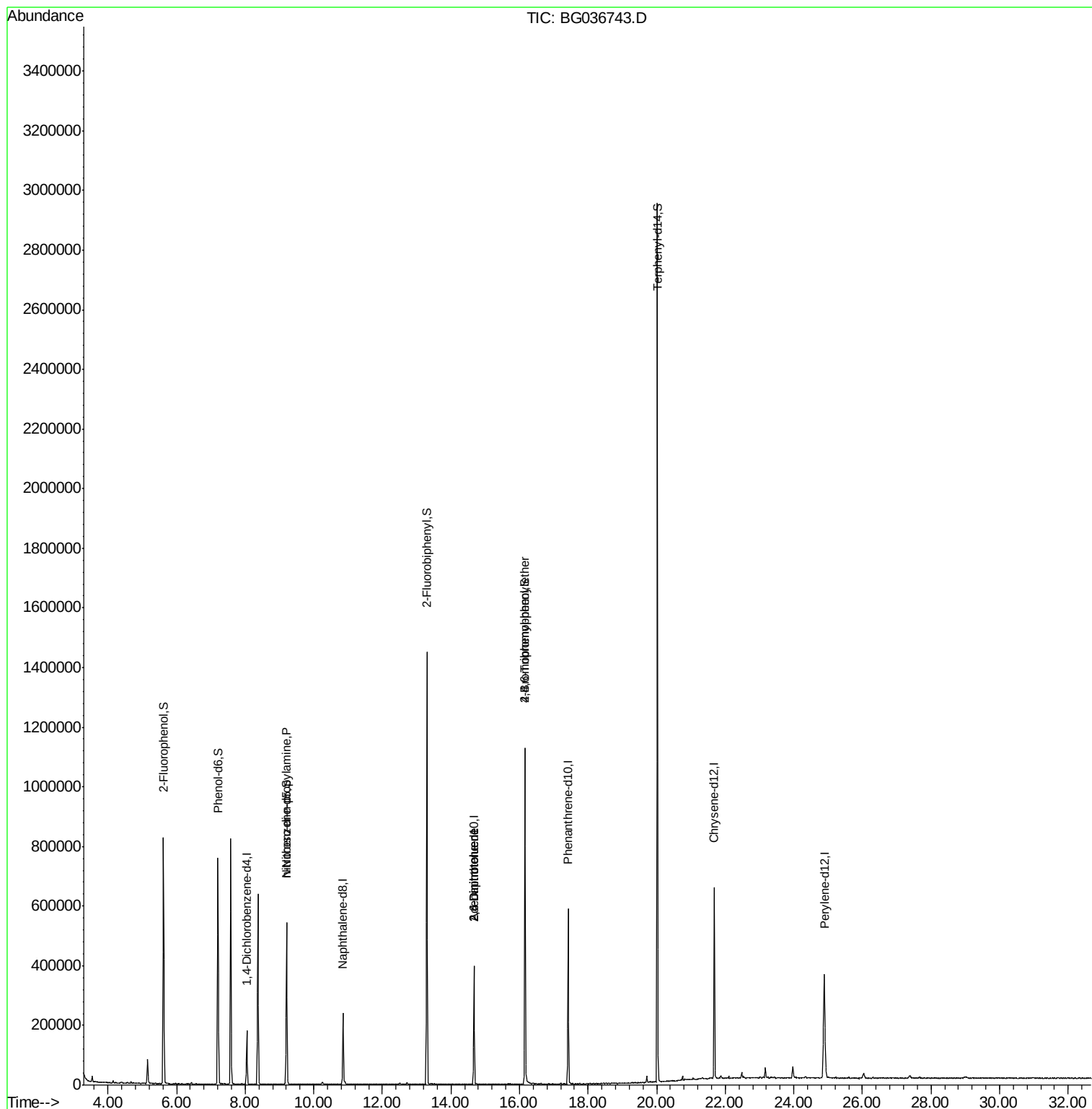
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51209	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	203854	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	136103	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	370042	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	389589	20.00	ng	-0.02
86) Perylene-d12	24.89	264	383207	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	337423	104.52	ng	0.00
7) Phenol-d6	7.21	99	425547	92.07	ng	-0.01
23) Nitrobenzene-d5	9.21	82	328793	87.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	212670	130.95	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	753306	79.03	ng	-0.01
78) Terphenyl-d14	20.02	244	1385852	83.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	44679	12.934	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	17757	7.765	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	17757	5.958	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	15351	3.543	ng	# 1

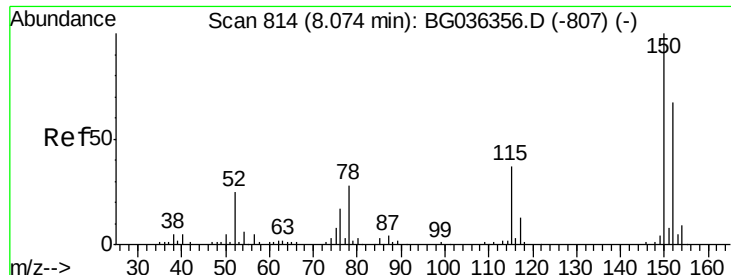
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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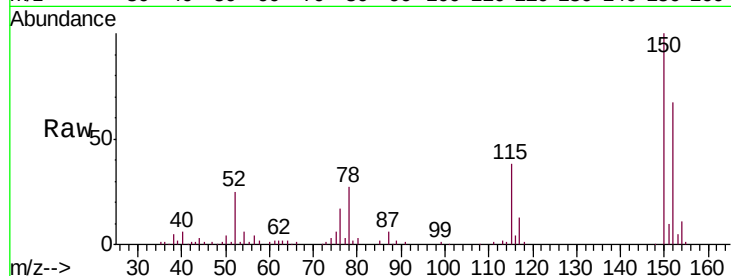




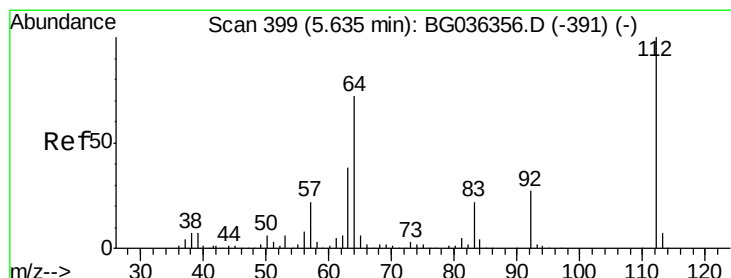
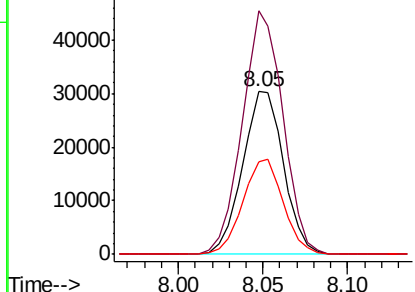
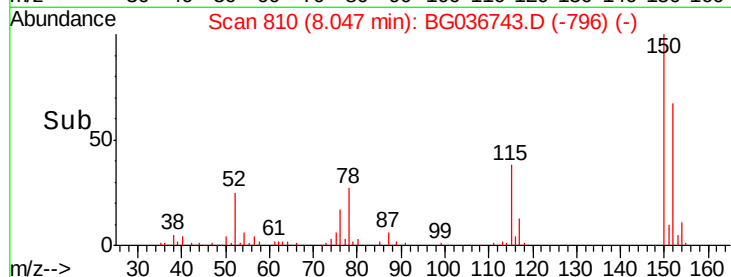
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-9

Tgt Ion:152 Resp: 51209
 Ion Ratio Lower Upper
 152 100
 150 149.8 119.5 179.3
 115 57.2 44.5 66.7

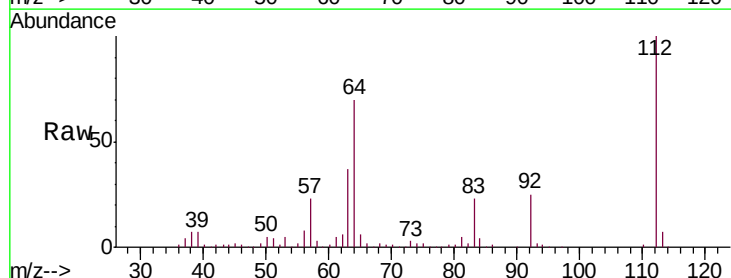


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

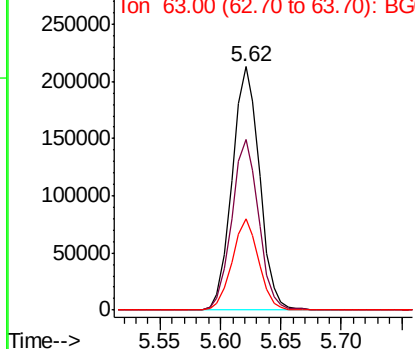
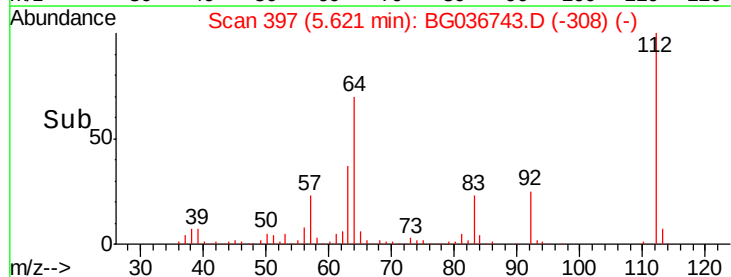


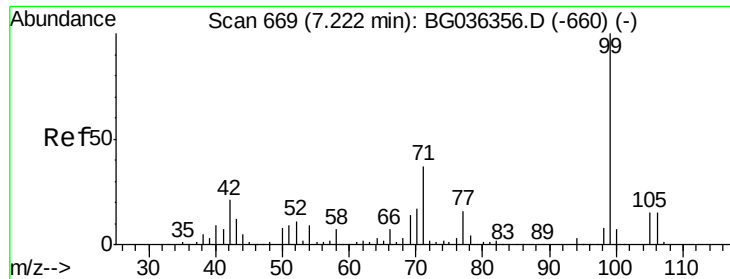
#5
 2-Fluorophenol
 Concen: 104.523 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

Tgt Ion:112 Resp: 337423
 Ion Ratio Lower Upper
 112 100
 64 69.8 57.2 85.8
 63 37.4 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: 92.070 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036743.D

Acq: 15 Sep 2018 16:16

Instrument :

BNA_G

ClientSampleId :

SP-PIT-9

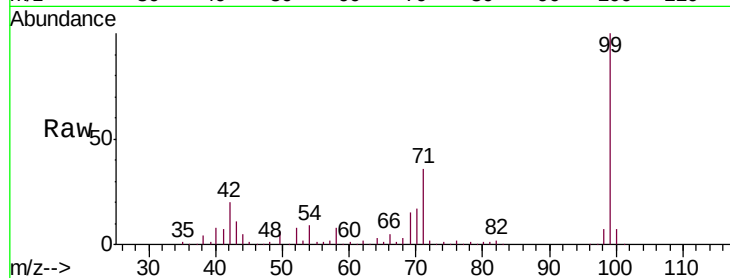
Tgt Ion: 99 Resp: 425547

Ion Ratio Lower Upper

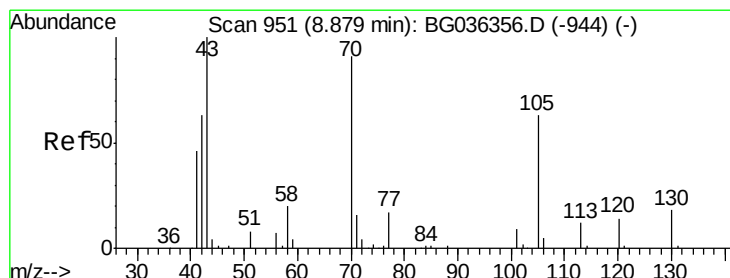
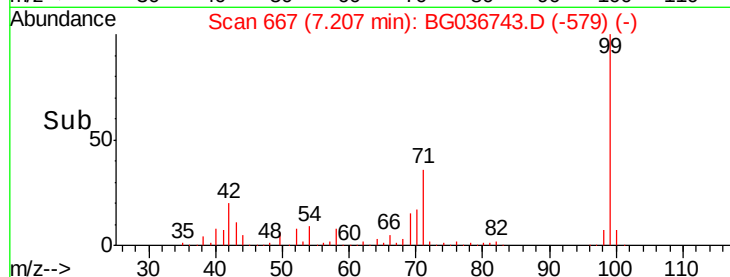
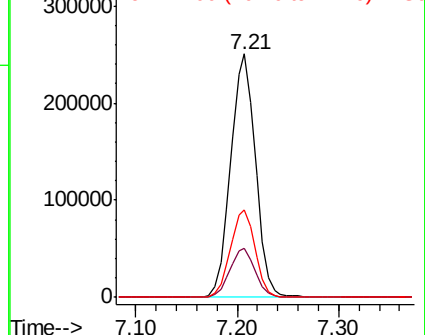
99 100

42 20.1 16.5 24.7

71 36.0 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: 12.934 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036743.D

Acq: 15 Sep 2018 16:16

Tgt Ion: 70 Resp: 44679

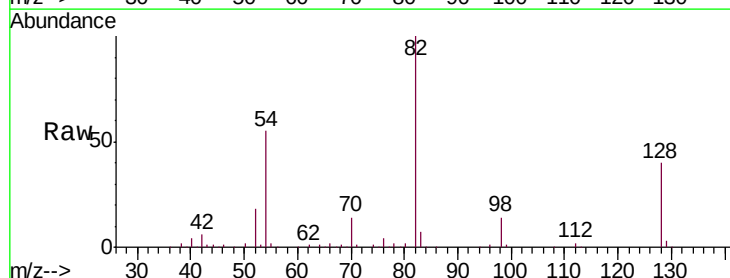
Ion Ratio Lower Upper

70 100

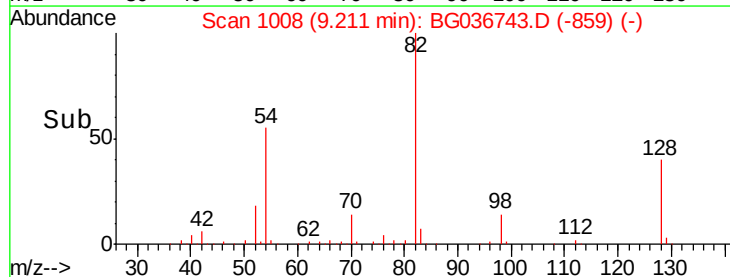
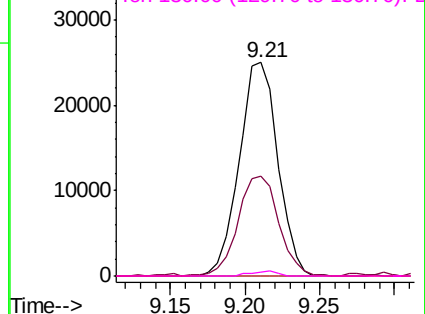
42 46.6 56.2 84.4#

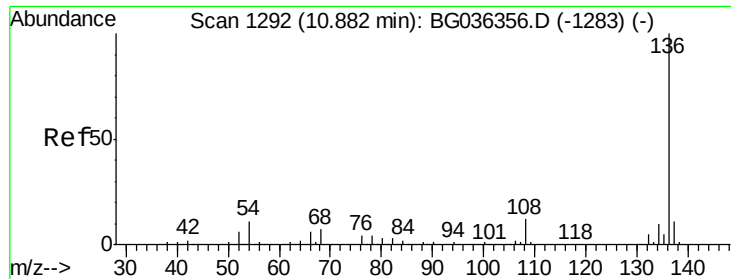
101 0.0 7.8 11.6#

130 1.8 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

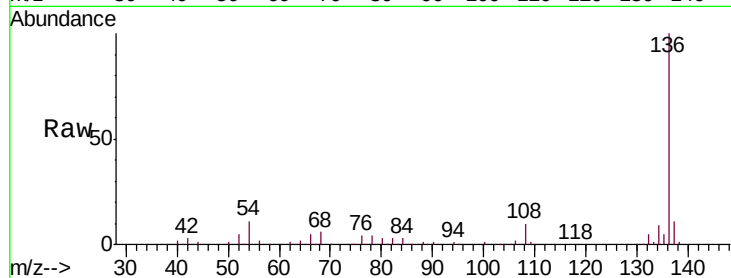




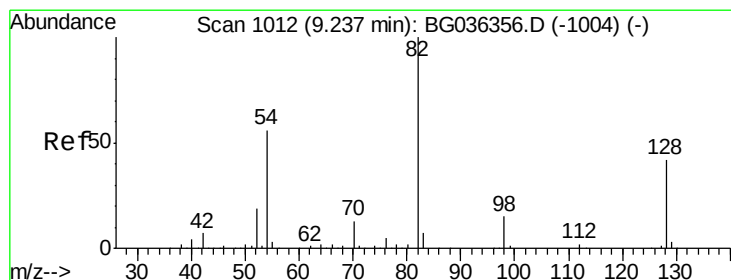
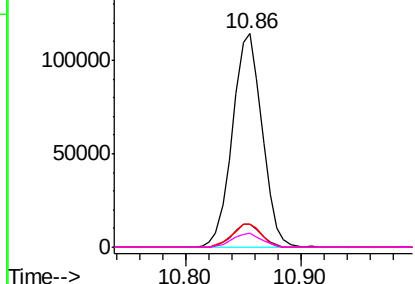
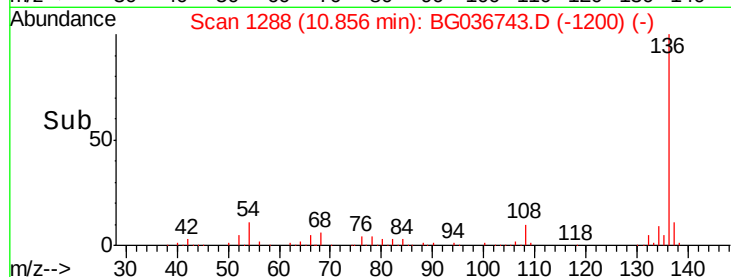
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036743.D
Acq: 15 Sep 2018 16:16

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Tgt Ion:	136	Resp:	203854
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.6	9.2	13.8
68	6.4	5.8	8.6

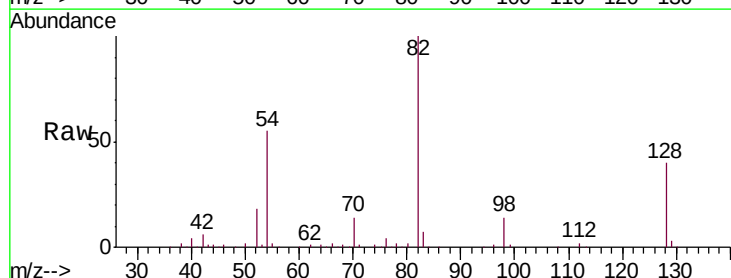


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

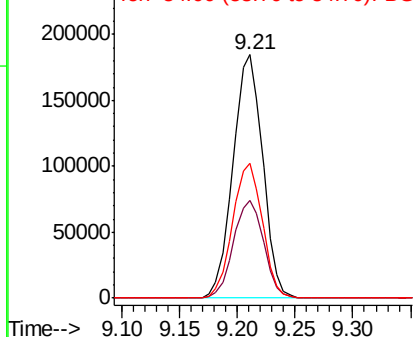
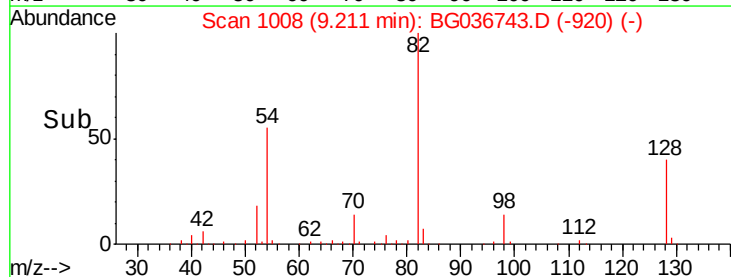


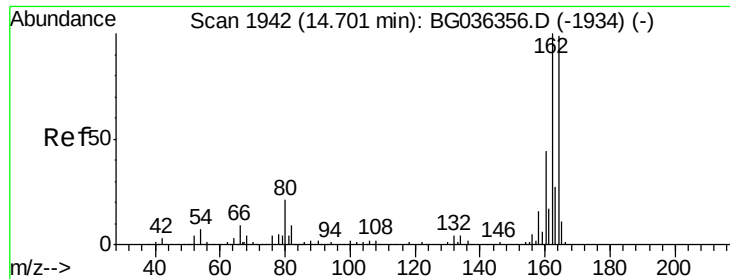
#23
Nitrobenzene-d5
Concen: 87.510 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036743.D
Acq: 15 Sep 2018 16:16

Tgt Ion:	82	Resp:	328793
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	55.4	45.1	67.7



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

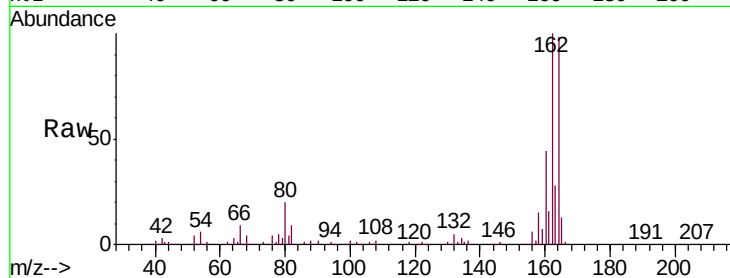




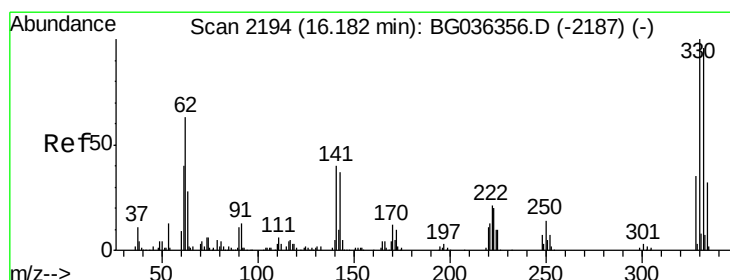
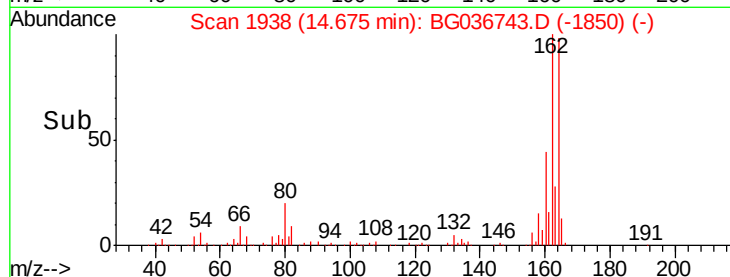
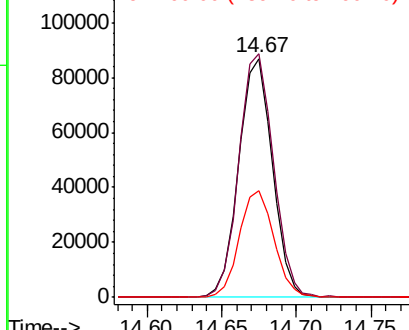
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036743.D
Acq: 15 Sep 2018 16:16

Instrument :
BNA_G
ClientSampleId :
SP-PIT-9

Tgt Ion:164 Resp: 136103
Ion Ratio Lower Upper
164 100
162 102.0 80.7 121.1
160 44.5 35.3 52.9

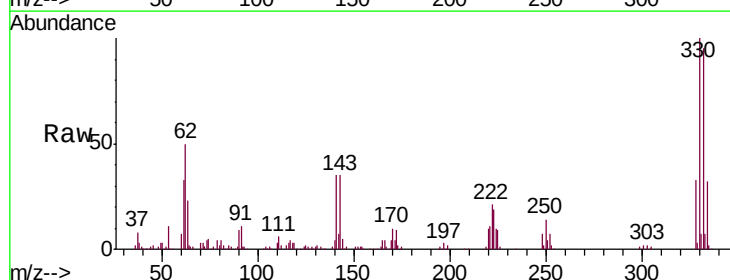


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

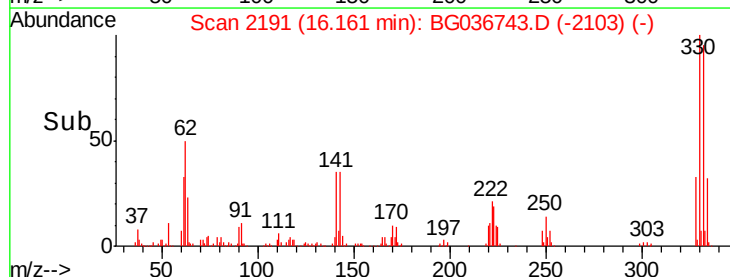
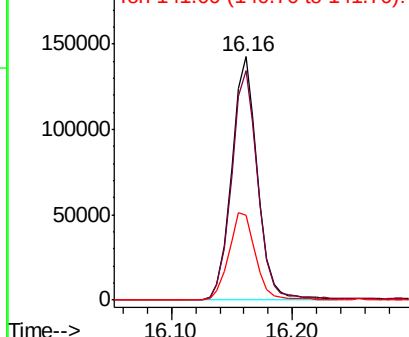


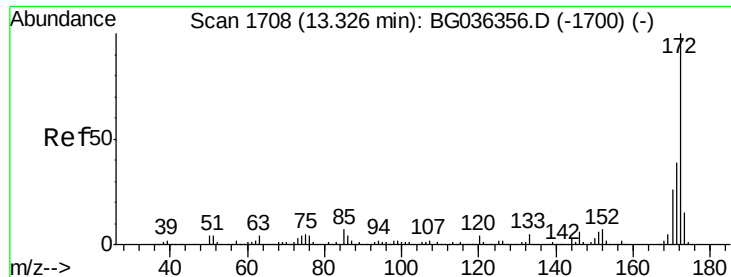
#41
2,4,6-Tribromophenol
Concen: 130.953 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036743.D
Acq: 15 Sep 2018 16:16

Tgt Ion:330 Resp: 212670
Ion Ratio Lower Upper
330 100
332 96.8 75.4 113.2
141 37.2 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

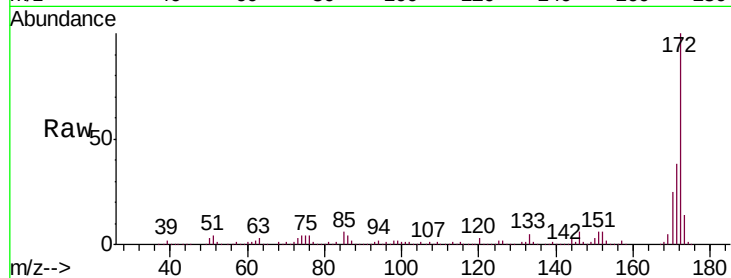




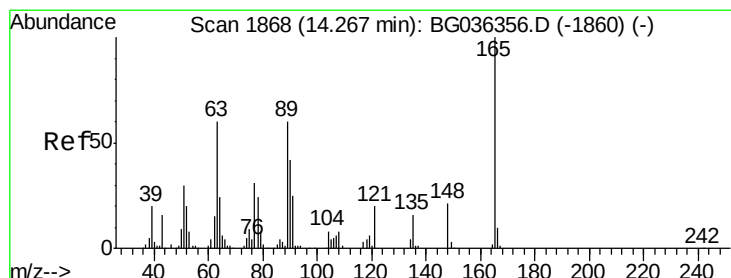
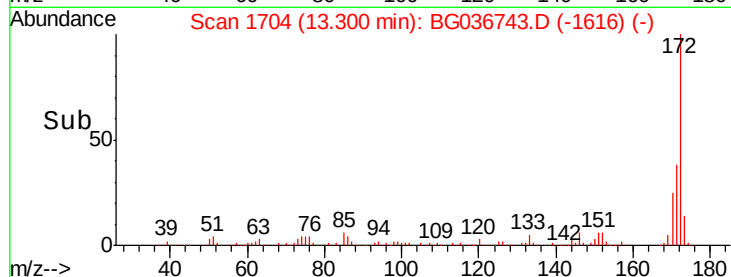
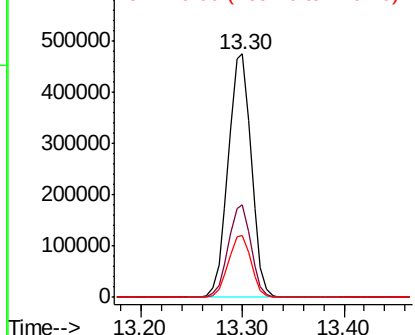
#44
 2-Fluorobiphenyl
 Concen: 79.027 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

Instrument :
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 ClientSampleId :
 SP-PIT-9

Tgt Ion:172 Resp: 753306
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 25.2 21.0 31.6

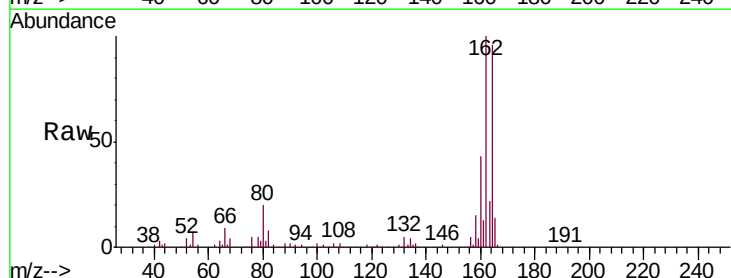


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

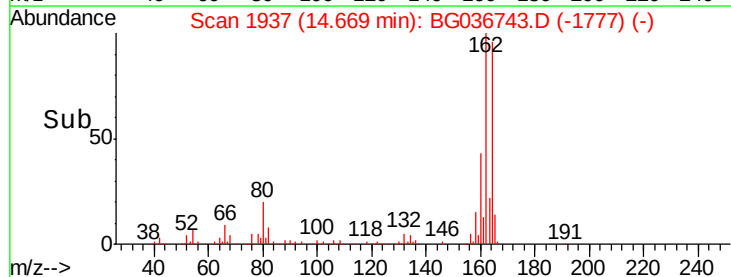
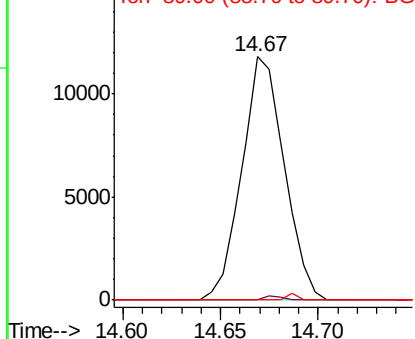


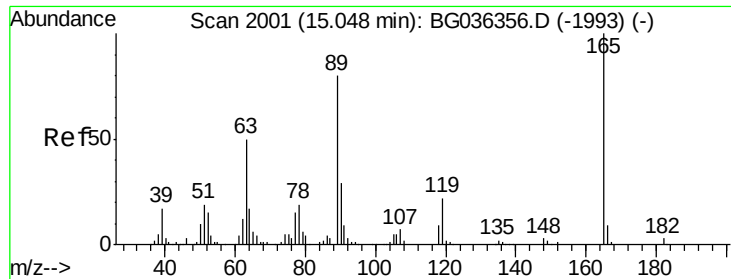
#50
 2,6-Dinitrotoluene
 Concen: 7.765 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

Tgt Ion:165 Resp: 17757
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#



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

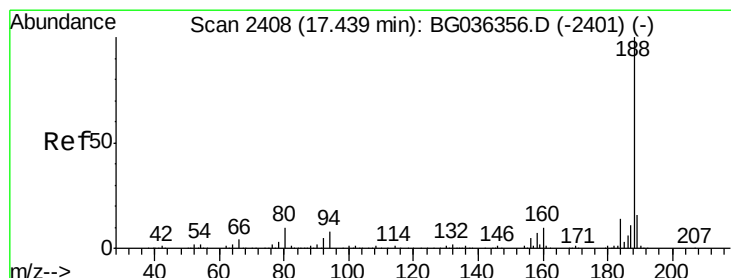
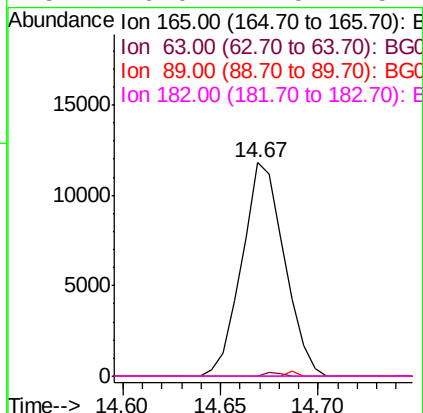
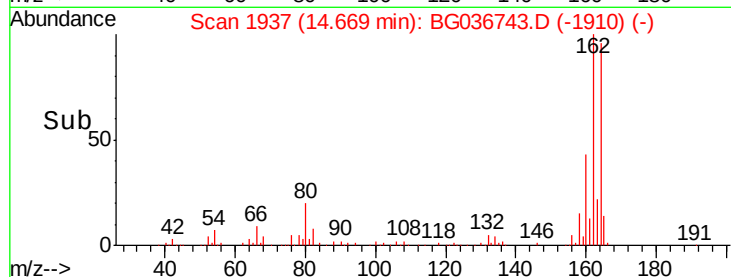
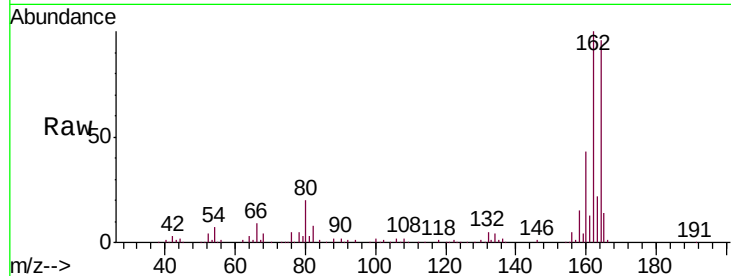




#56
 2,4-Dinitrotoluene
 Concen: 5.958 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

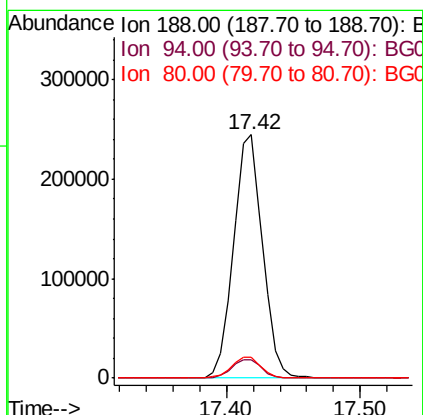
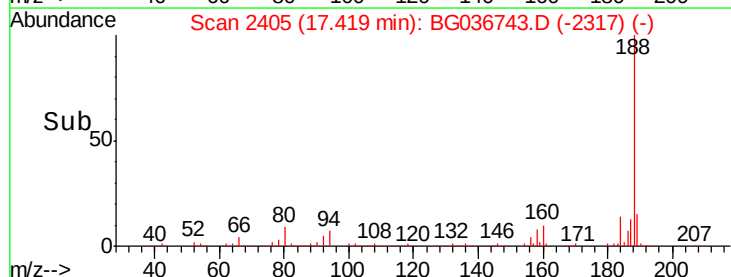
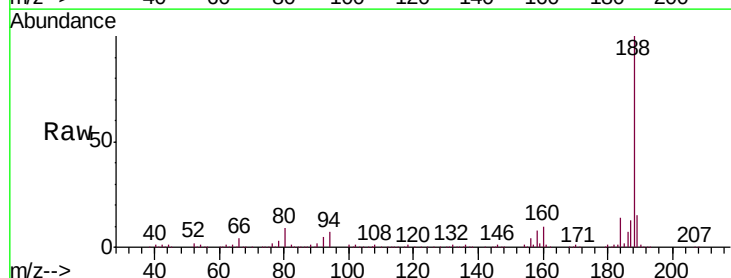
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 SP-PIT-9

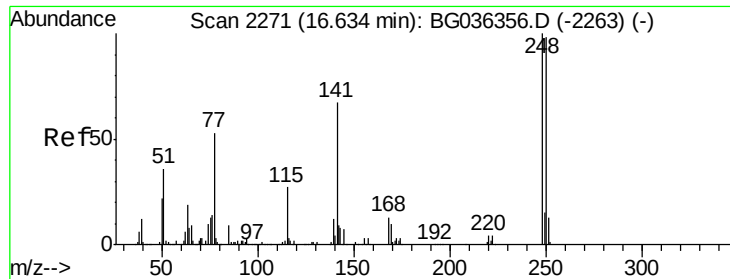
Tgt Ion:	165	Resp:	17757
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

Tgt Ion:	188	Resp:	370042
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	8.7	8.1	12.1

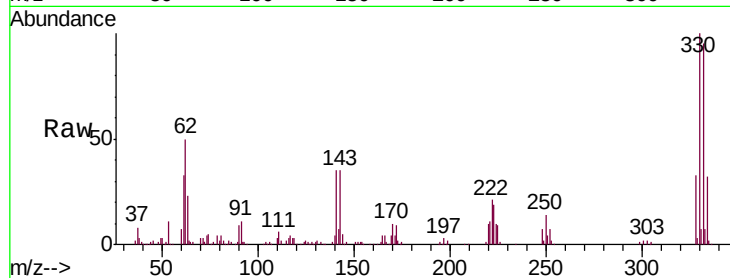




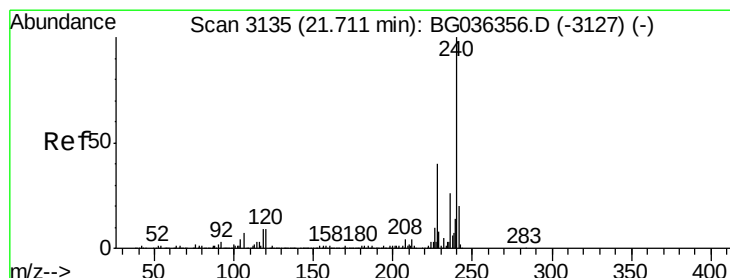
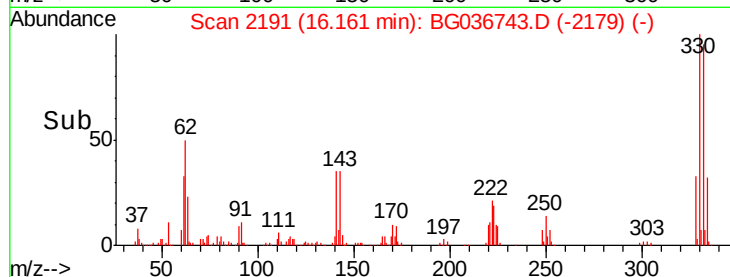
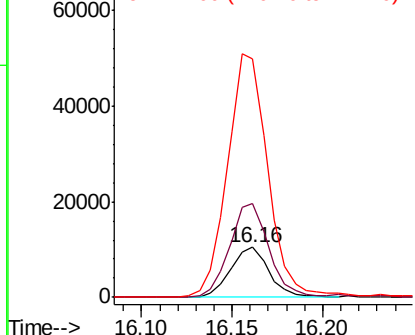
#66
 4-Bromophenyl-phenylether
 Concen: 3.543 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-9

Tgt Ion:248 Resp: 15351
 Ion Ratio Lower Upper
 248 100
 250 187.3 78.1 117.1#
 141 476.6 53.7 80.5#

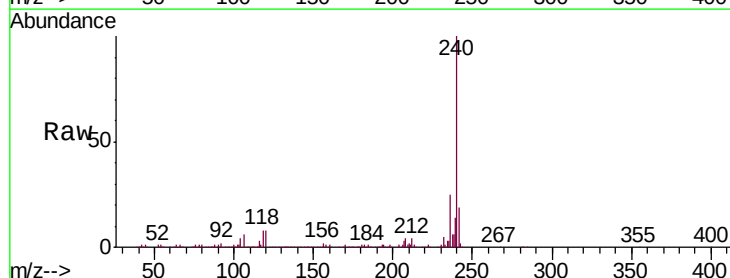


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

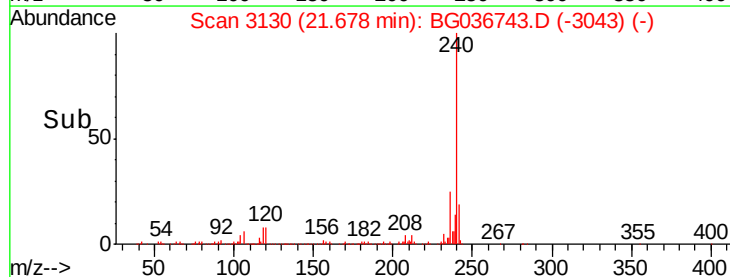
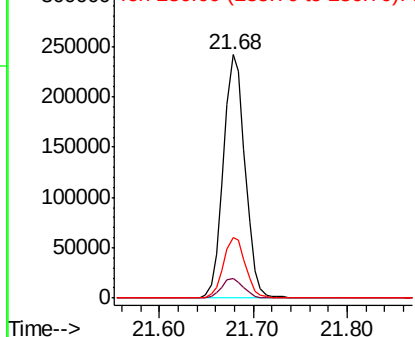


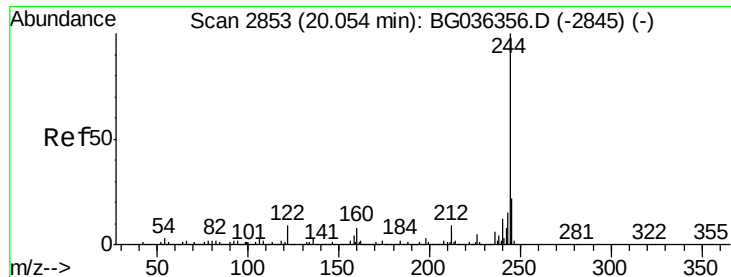
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036743.D
 Acq: 15 Sep 2018 16:16

Tgt Ion:240 Resp: 389589
 Ion Ratio Lower Upper
 240 100
 120 7.8 6.9 10.3
 236 25.1 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: 83.144 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036743.D

Acq: 15 Sep 2018 16:16

Instrument :

BNA_G

ClientSampleId :

SP-PIT-9

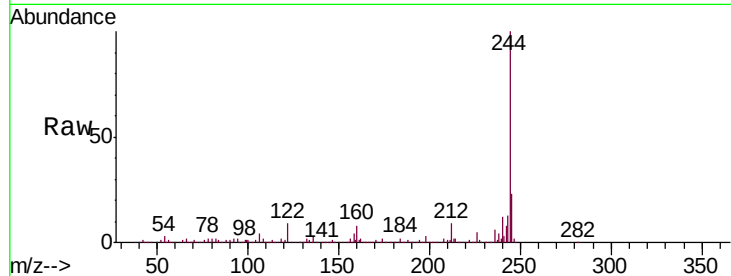
Tgt Ion:244 Resp: 1385852

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

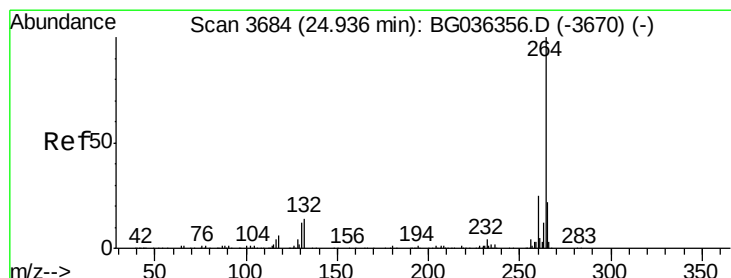
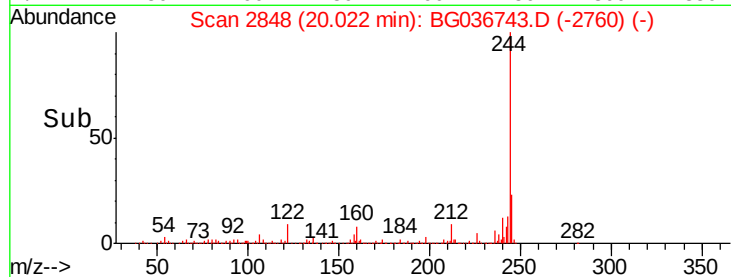
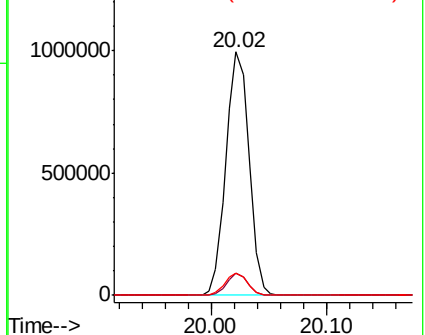
122 9.1 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036743.D

Acq: 15 Sep 2018 16:16

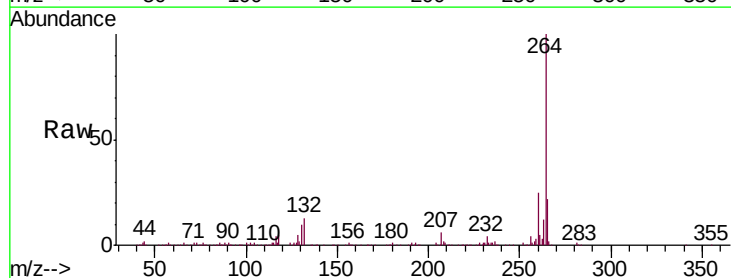
Tgt Ion:264 Resp: 383207

Ion Ratio Lower Upper

264 100

260 25.3 19.6 29.4

265 21.6 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

