

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
 Data File : BG036428.D
 Acq On : 27 Aug 2018 12:49
 Operator : JU/SJ
 Sample : J4612-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 27 14:05:48 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

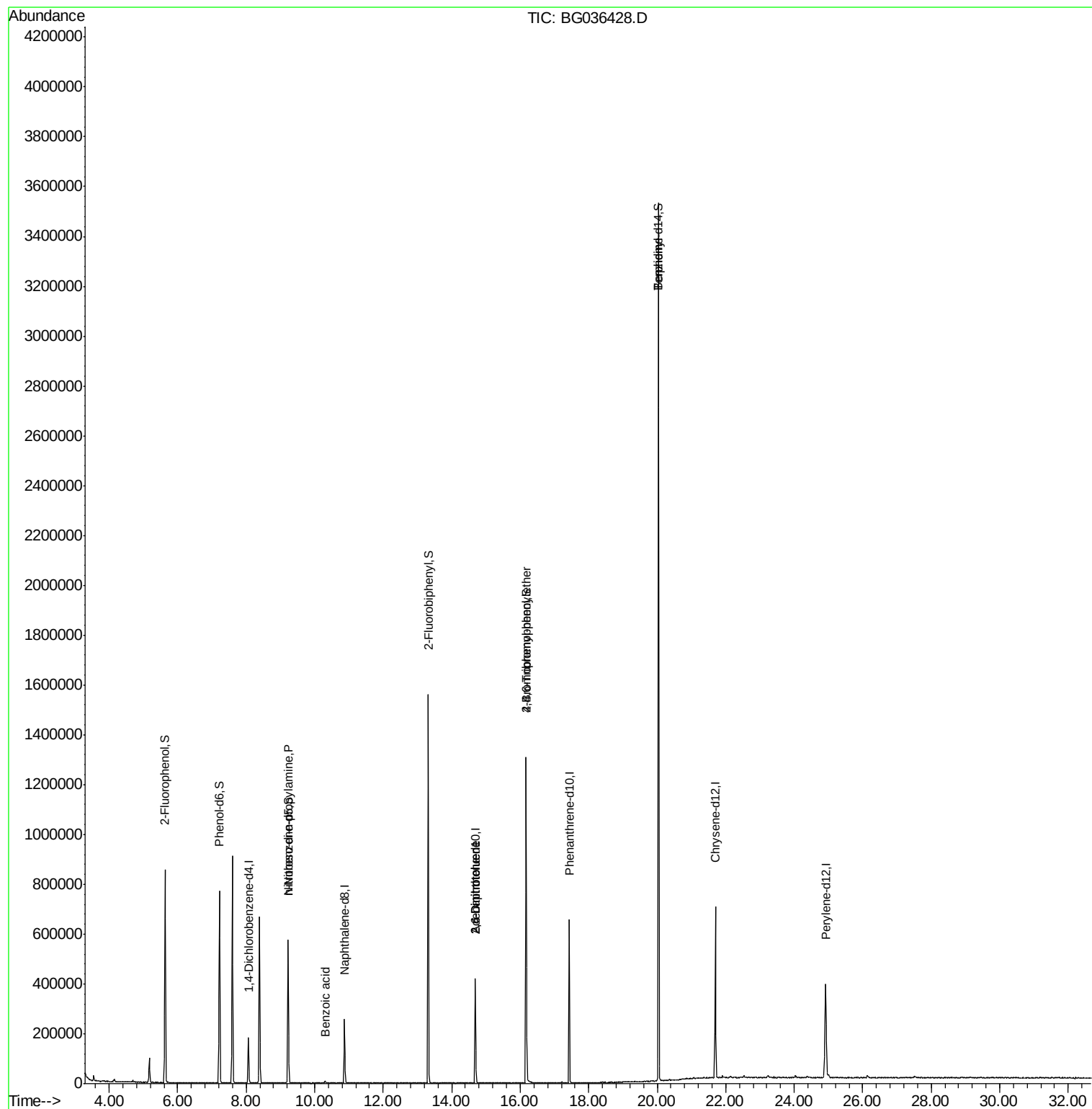
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51920	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	210932	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	147302	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	395789	20.00	ng	0.00
75) Chrysene-d12	21.70	240	419498	20.00	ng	-0.01
86) Perylene-d12	24.92	264	424246	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	355368	108.57	ng	0.00
7) Phenol-d6	7.21	99	440237	93.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	332074	85.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	235027	133.72	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	809804	78.50	ng	-0.01
78) Terphenyl-d14	20.04	244	1528334	85.16	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	42721	12.198	ng	# 72
32) Benzoic acid	10.30	122	2273	5.383	ng	# 16
50) 2,6-Dinitrotoluene	14.69	165	18072	7.302	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	18072	5.602	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	17259	3.725	ng	# 1
76) Benzidine	20.04	184	27626	2.064	ng	# 91

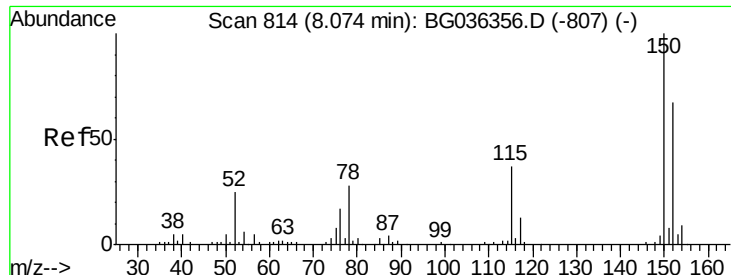
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 27 14:05:48 2018
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Response via : Initial Calibration

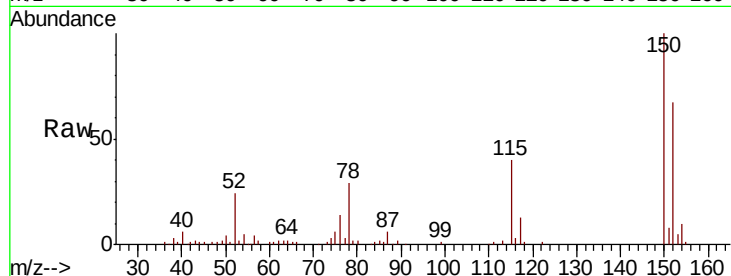




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036428.D
 Acq: 27 Aug 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	119.5	179.3
115	59.3	44.5	66.7

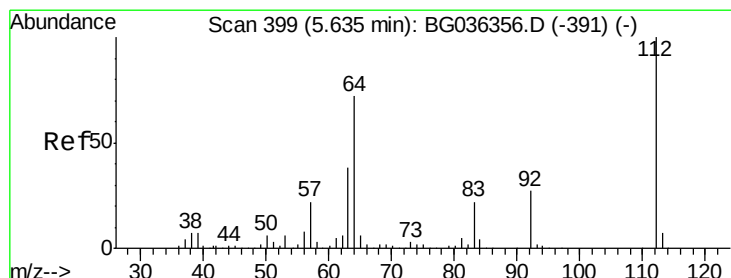
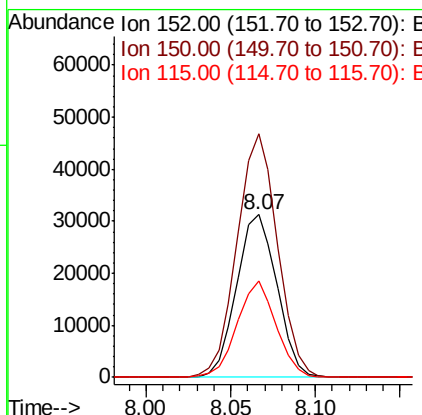
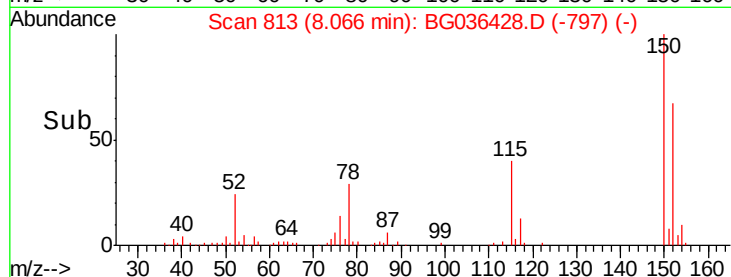


Abundance

Ion 152.00 (151.70 to 152.70): E

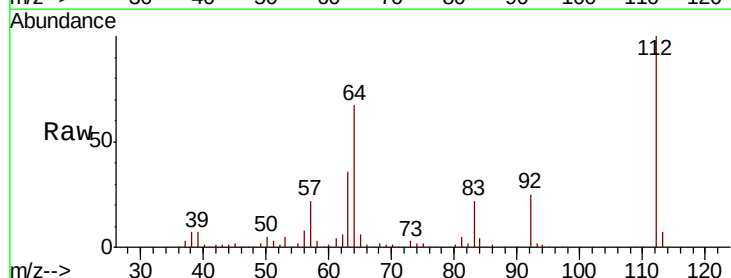
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 108.574 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BG036428.D
 Acq: 27 Aug 2018 12:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.2	85.8
63	36.1	30.8	46.2

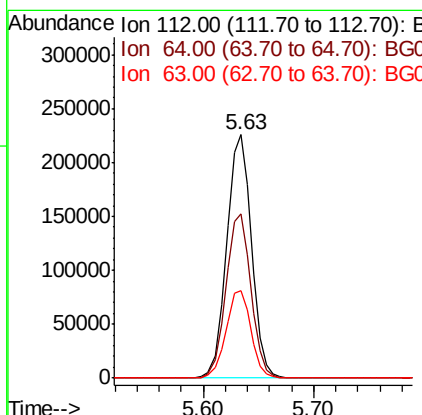
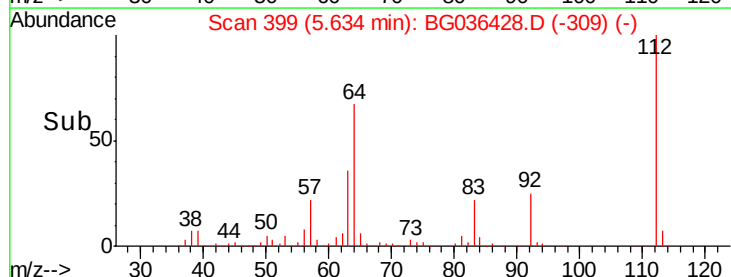


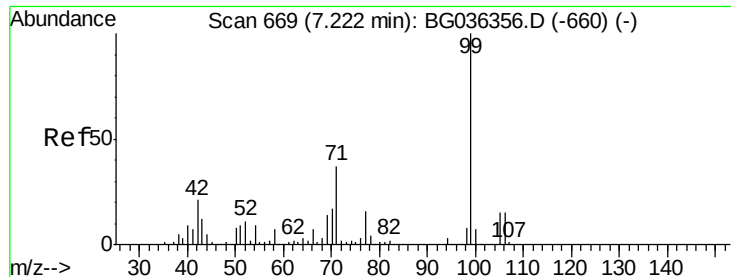
Abundance

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: 93.944 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036428.D

Acq: 27 Aug 2018 12:49

Instrument :

BNA_G

ClientSampleId :

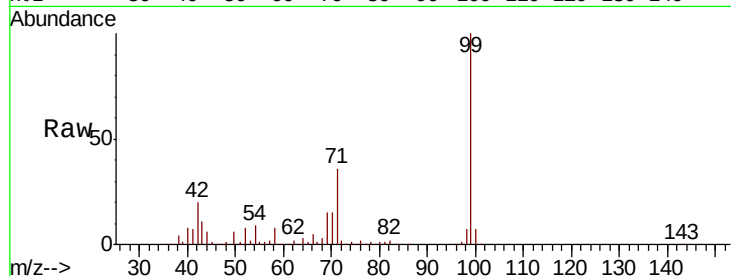
Tot Ion: 99 Resp: 440237

Ion Ratio Lower Upper

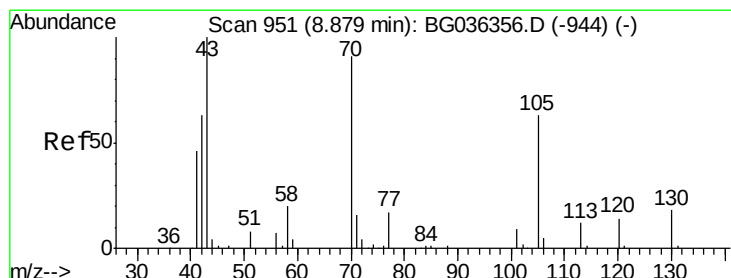
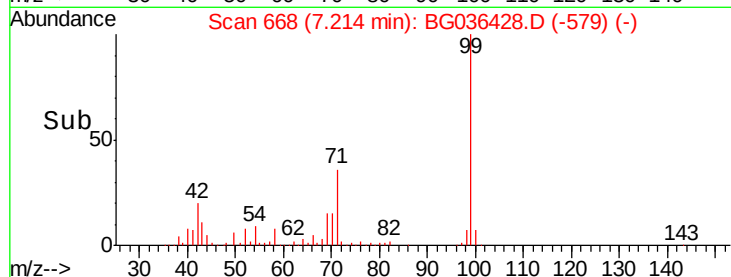
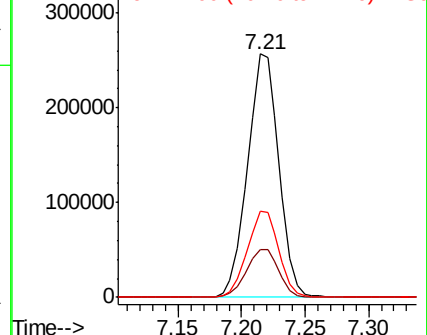
99 100

42 19.8 16.5 24.7

71 35.6 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: 12.198 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036428.D

Acq: 27 Aug 2018 12:49

Tgt Ion: 70 Resp: 42721

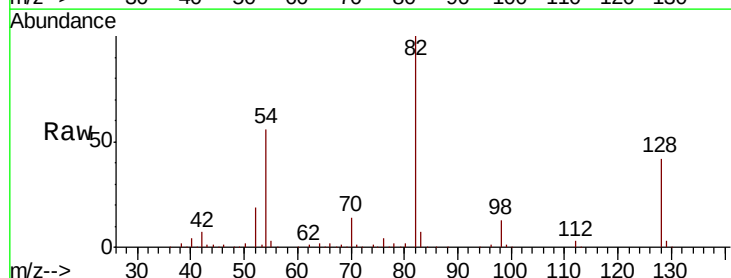
Ion Ratio Lower Upper

70 100

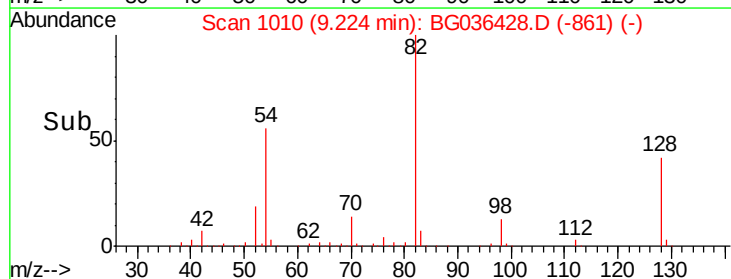
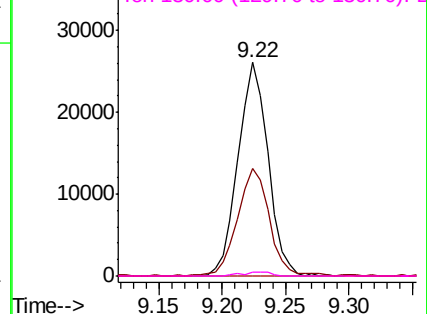
42 50.3 56.2 84.4#

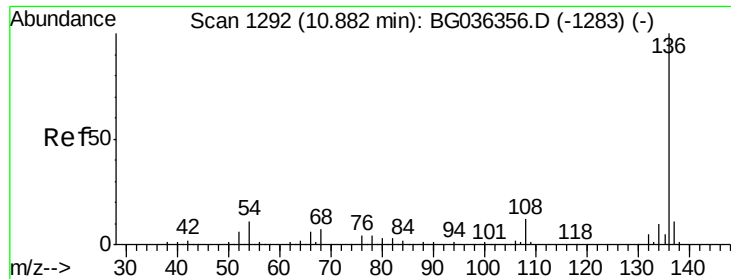
101 0.0 7.8 11.6#

130 1.6 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

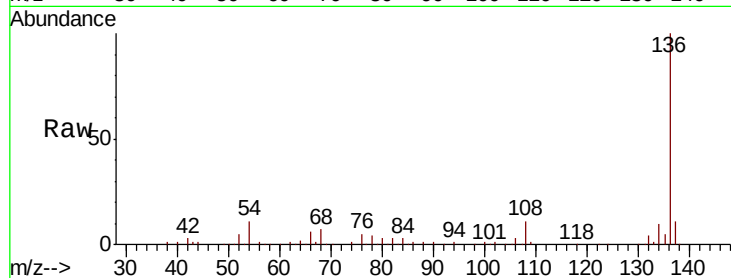




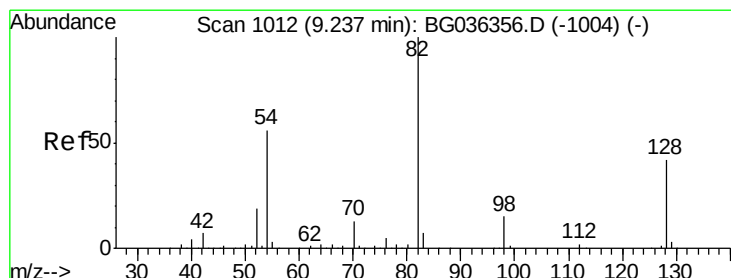
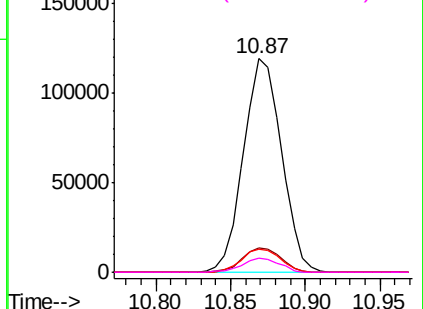
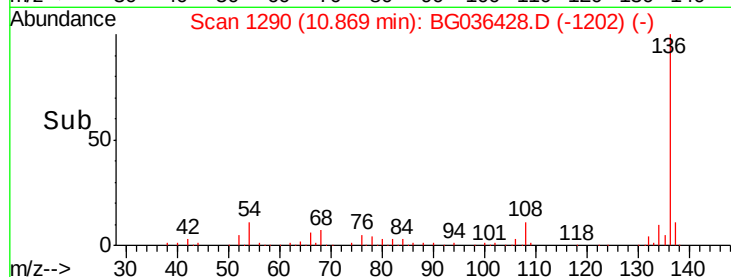
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036428.D
Acq: 27 Aug 2018 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	210932
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	10.8	9.2 13.8
68	6.9	5.8 8.6

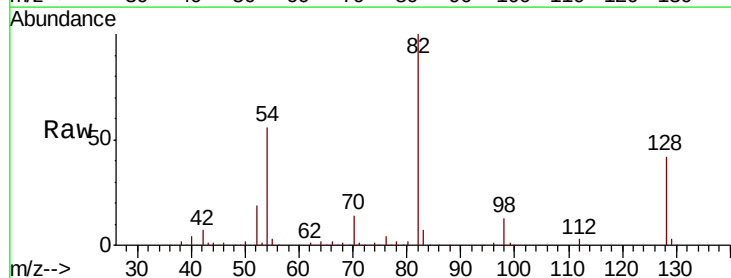


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

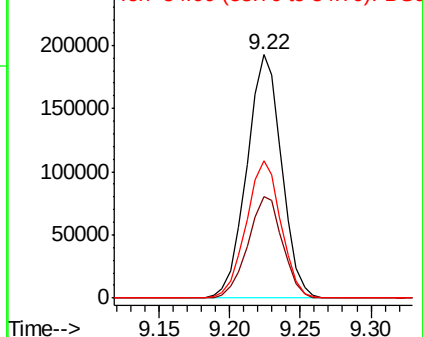
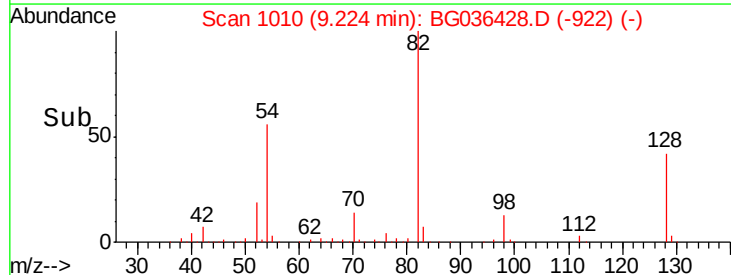


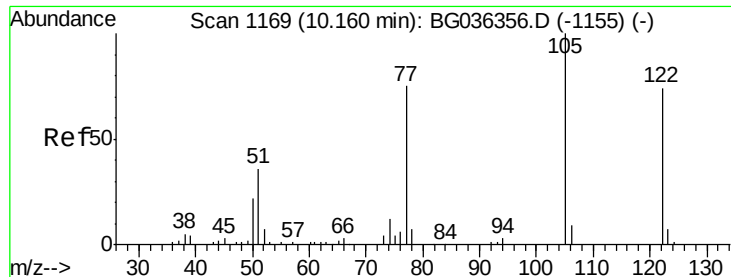
#23
Nitrobenzene-d5
Concen: 85.417 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036428.D
Acq: 27 Aug 2018 12:49

Tgt Ion: 82	Resp:	332074
Ion Ratio	Lower	Upper
82	100	
128	41.7	33.3 49.9
54	56.2	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

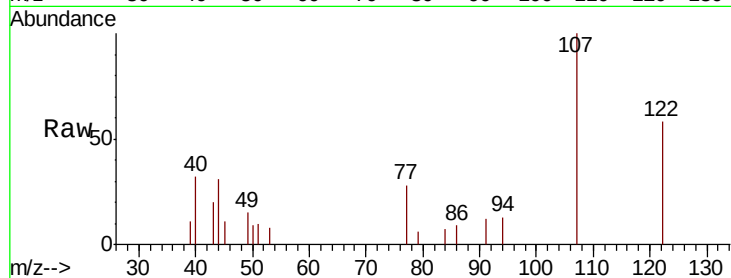




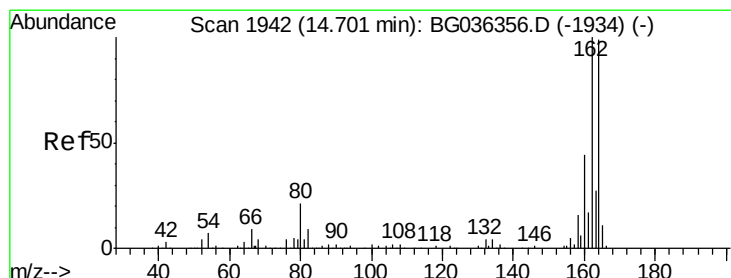
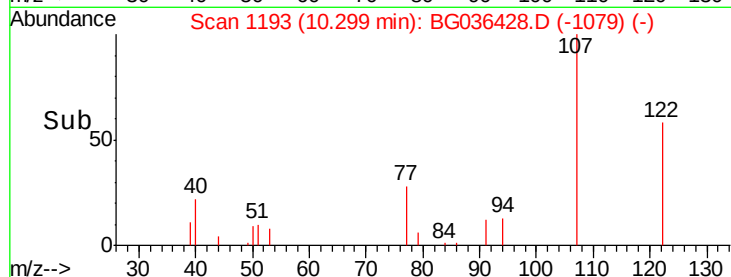
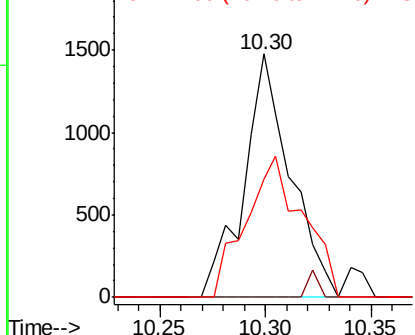
#32
Benzoic acid
Concen: 5.383 ng
RT: 10.30 min Scan# 1193
Delta R.T. 0.14 min
Lab File: BG036428.D
Acq: 27 Aug 2018 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 2273
Ion Ratio Lower Upper
122 100
105 0.0 108.1 148.1#
77 48.6 76.3 116.3#

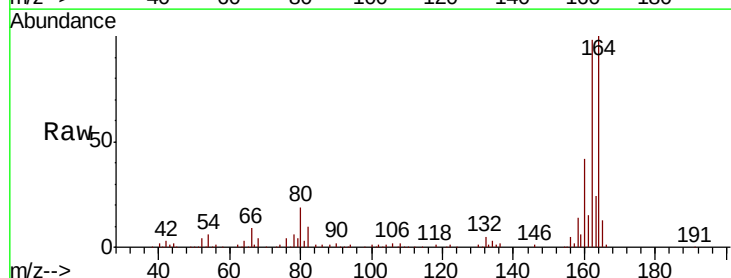


Abundance Ion 122.00 (121.70 to 122.70): E
2000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

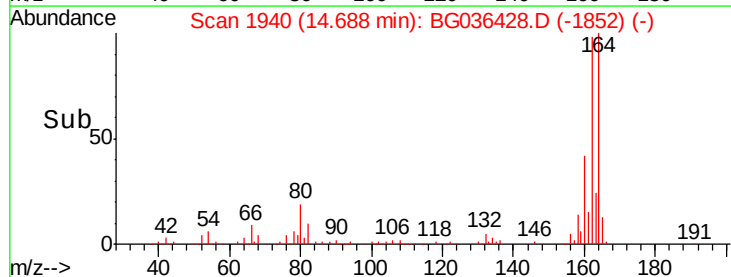
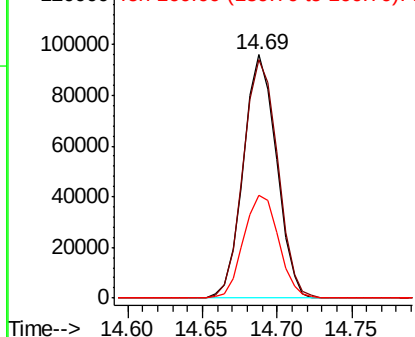


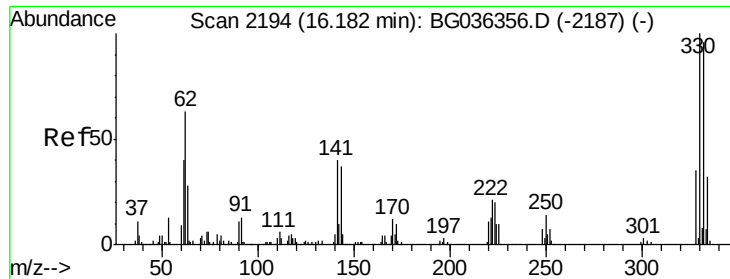
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG036428.D
Acq: 27 Aug 2018 12:49

Tgt Ion:164 Resp: 147302
Ion Ratio Lower Upper
164 100
162 98.0 80.7 121.1
160 42.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
120000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

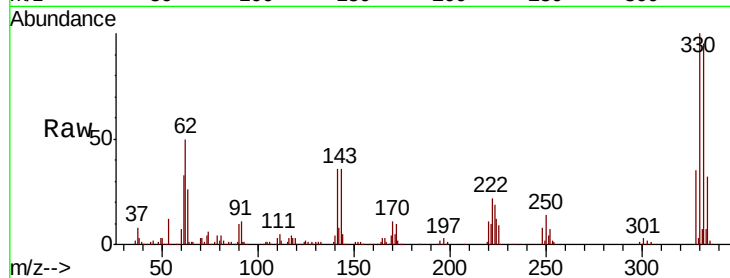




#41
 2,4,6-Tribromophenol
 Concen: 133.717 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036428.D
 Acq: 27 Aug 2018 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	37.0	30.7	46.1

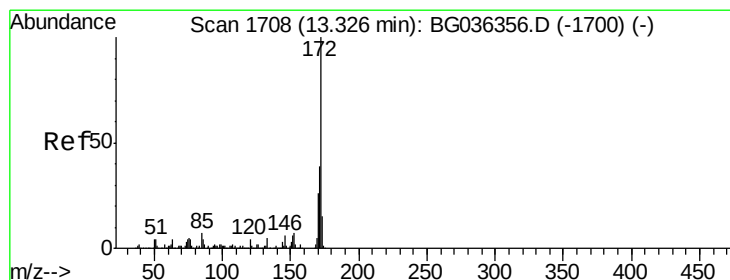
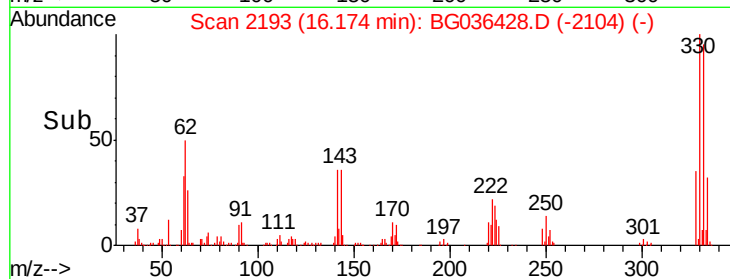
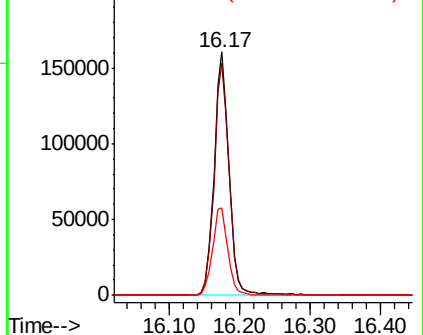


Abundance

Ion 329.80 (329.50 to 330.50): E

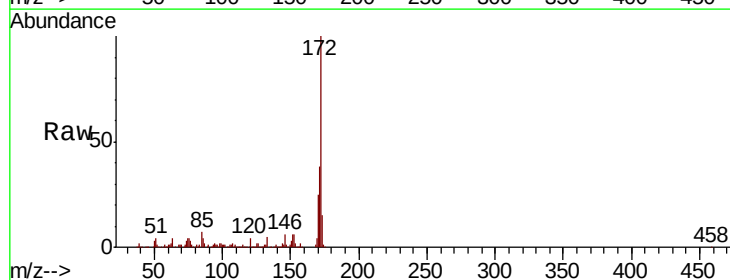
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.495 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036428.D
 Acq: 27 Aug 2018 12:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	24.9	21.0	31.6

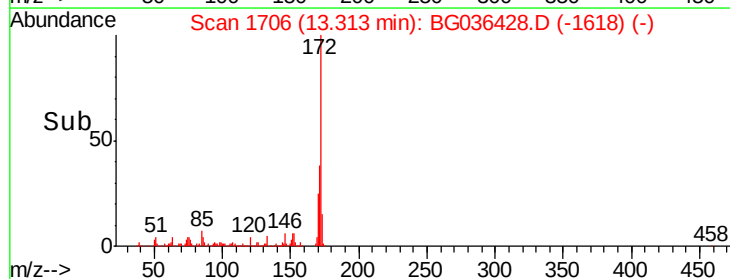
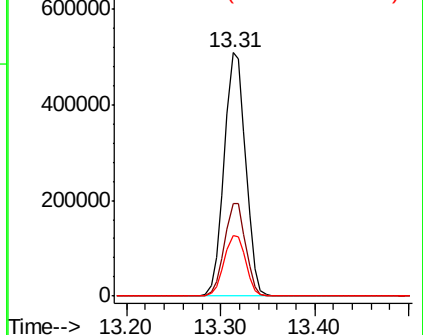


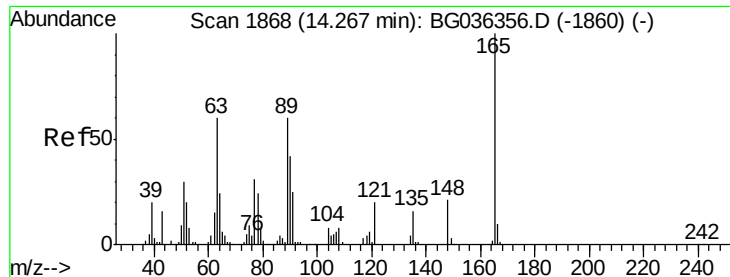
Abundance

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

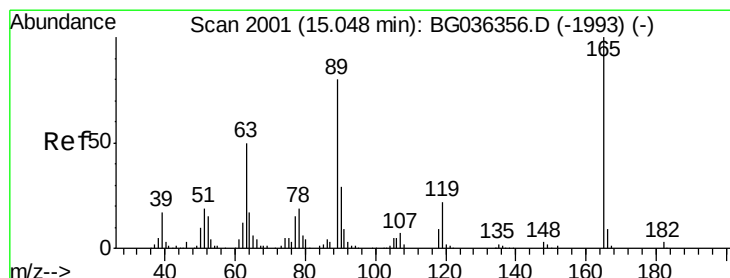
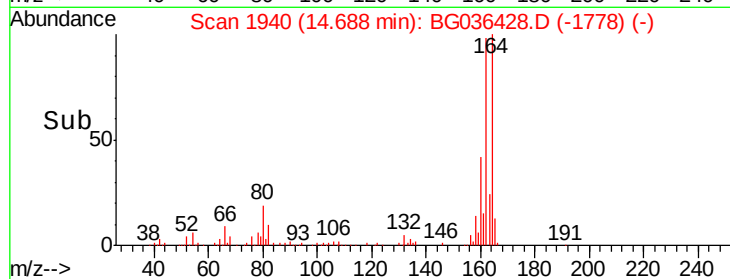
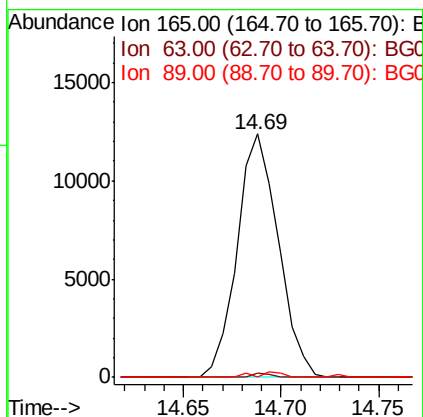
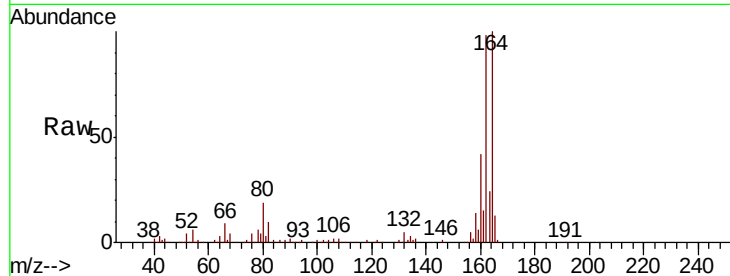




#50
2,6-Dinitrotoluene
Concen: 7.302 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG036428.D
Acq: 27 Aug 2018 12:49

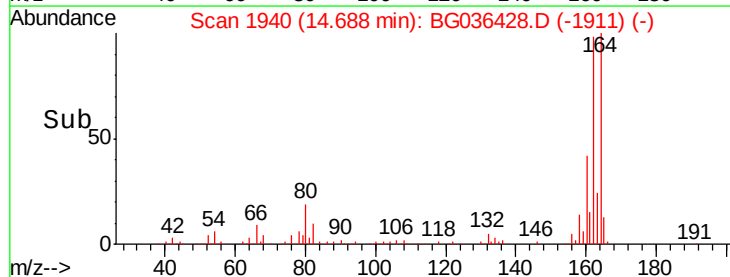
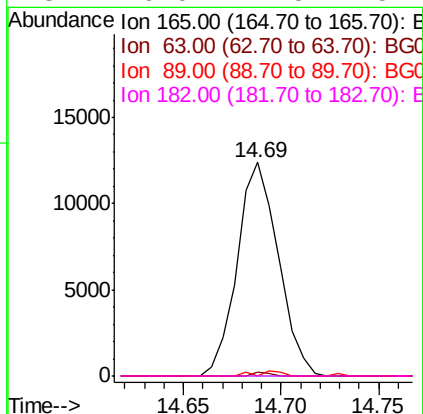
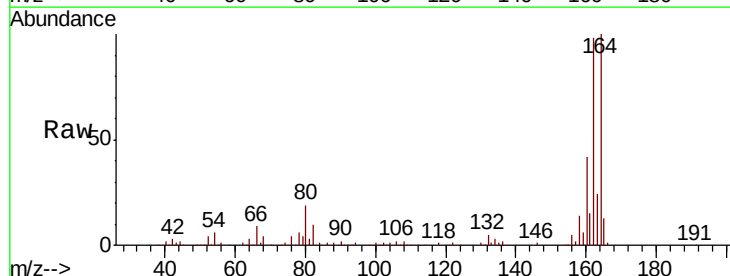
Instrument :
BNA_G
ClientSampleId :

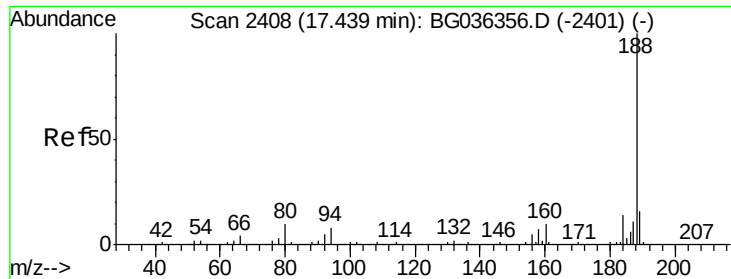
Tot Ion:165 Resp: 18072
Ion Ratio Lower Upper
165 100
63 1.6 50.1 75.1#
89 0.0 47.8 71.6#



#56
2,4-Dinitrotoluene
Concen: 5.602 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG036428.D
Acq: 27 Aug 2018 12:49

Tgt Ion:165 Resp: 18072
Ion Ratio Lower Upper
165 100
63 1.6 40.1 60.1#
89 0.0 63.7 95.5#
182 0.0 2.5 3.7#

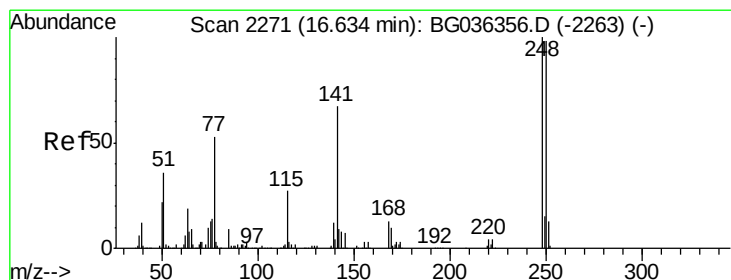
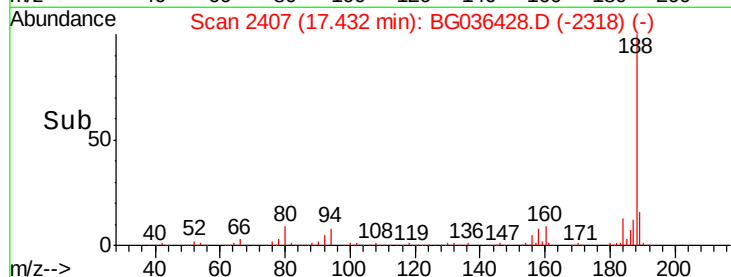
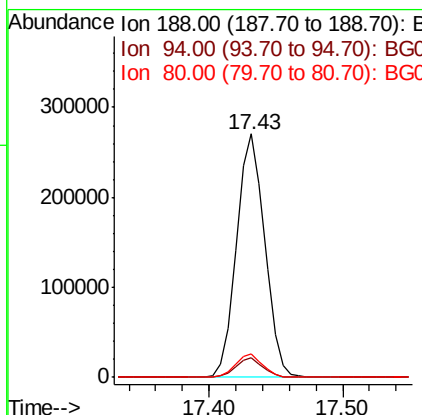
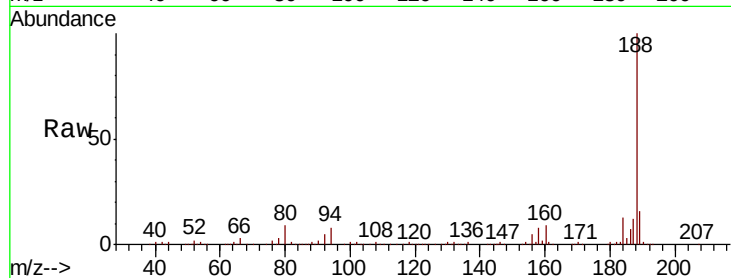




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036428.D
Acq: 27 Aug 2018 12:49

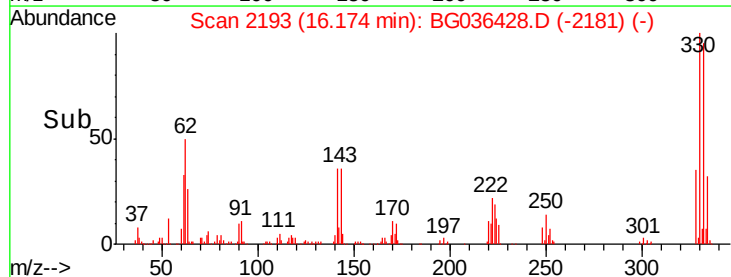
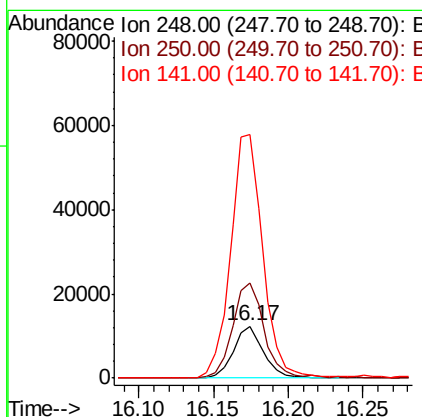
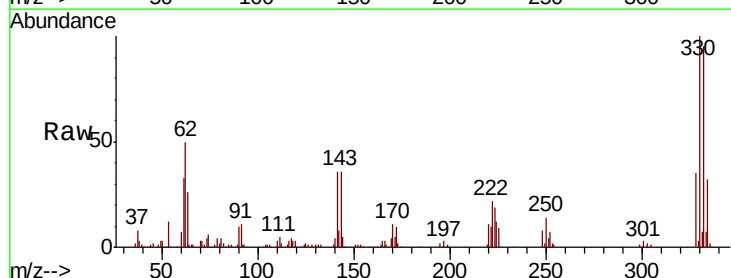
Instrument :
BNA_G
ClientSampleId :

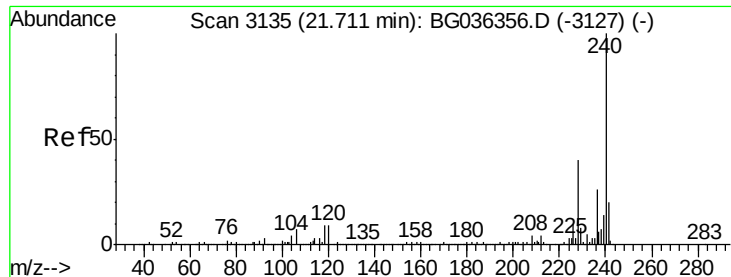
Tot Ion:188 Resp: 395789
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.4 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.725 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG036428.D
Acq: 27 Aug 2018 12:49

Tgt Ion:248 Resp: 17259
Ion Ratio Lower Upper
248 100
250 183.6 78.1 117.1#
141 468.6 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG036428.D

Acq: 27 Aug 2018 12:49

Instrument :

BNA_G

ClientSampleId :

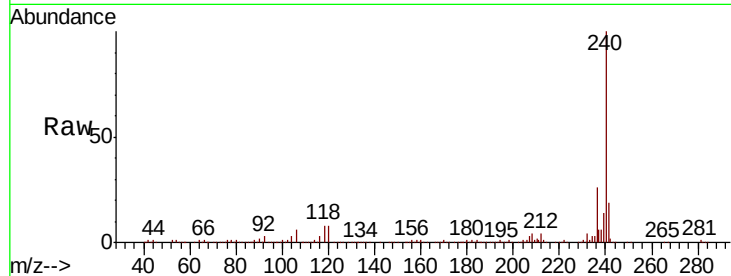
Tot Ion:240 Resp: 419498

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

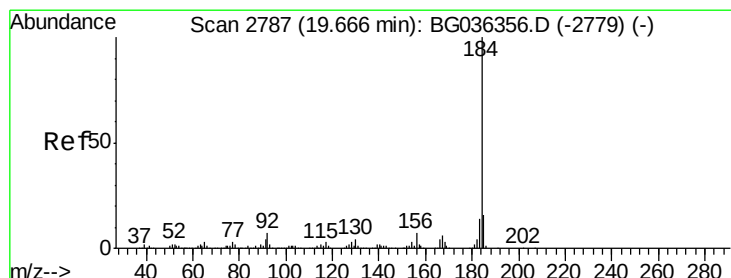
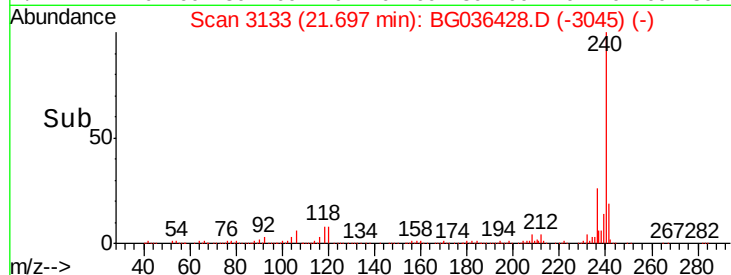
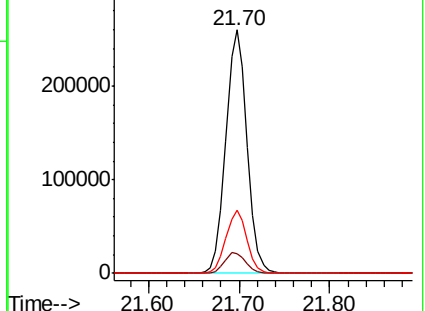
236 26.1 21.2 31.8



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



#76

Benzidine

Concen: 2.064 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.37 min

Lab File: BG036428.D

Acq: 27 Aug 2018 12:49

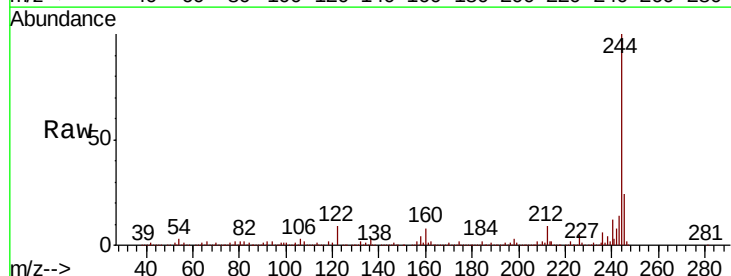
Tgt Ion:184 Resp: 27626

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

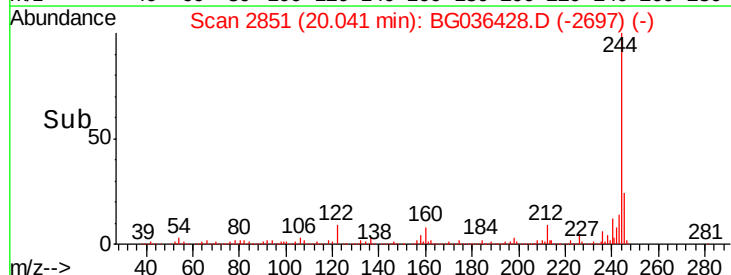
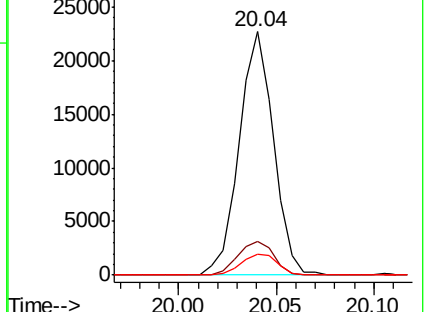
183 8.4 10.9 16.3#

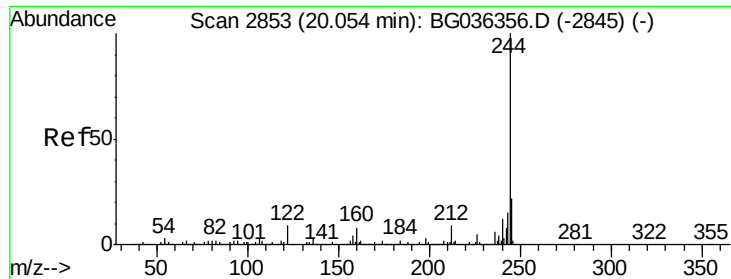


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 85.155 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036428.D

Acq: 27 Aug 2018 12:49

Instrument :

BNA_G

ClientSampleId :

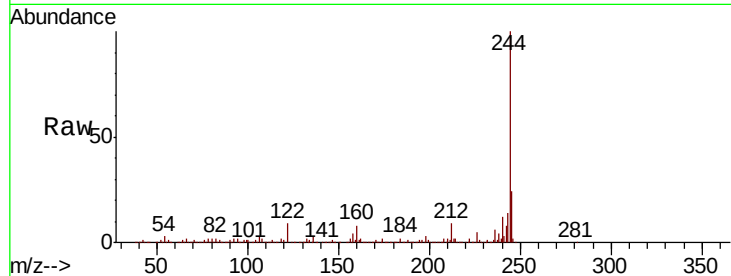
Tot Ion:244 Resp: 1528334

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.3	7.1	10.7

244 100

212 9.0 7.0 10.6

122 9.3 7.1 10.7

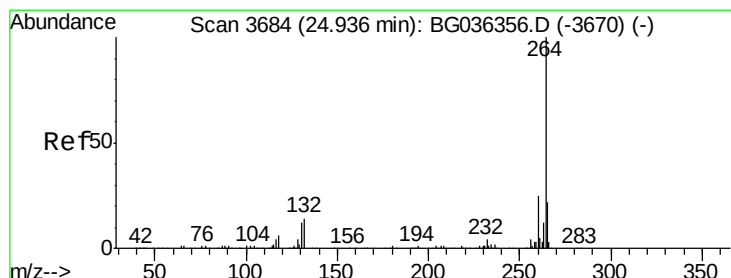
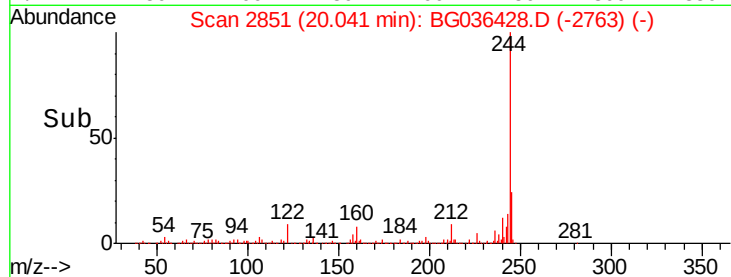
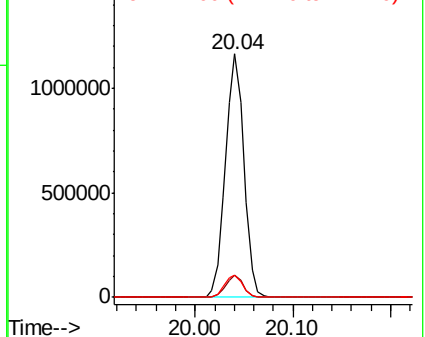


Abundance

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: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036428.D

Acq: 27 Aug 2018 12:49

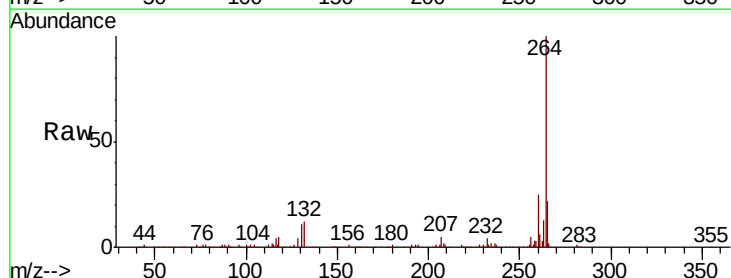
Tgt Ion:264 Resp: 424246

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.7	17.4	26.0

264 100

260 24.6 19.6 29.4

265 21.7 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

