

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036526.D
 Acq On : 4 Sep 2018 11:20
 Operator : JU/SJ
 Sample : J4692-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 11:58:22 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

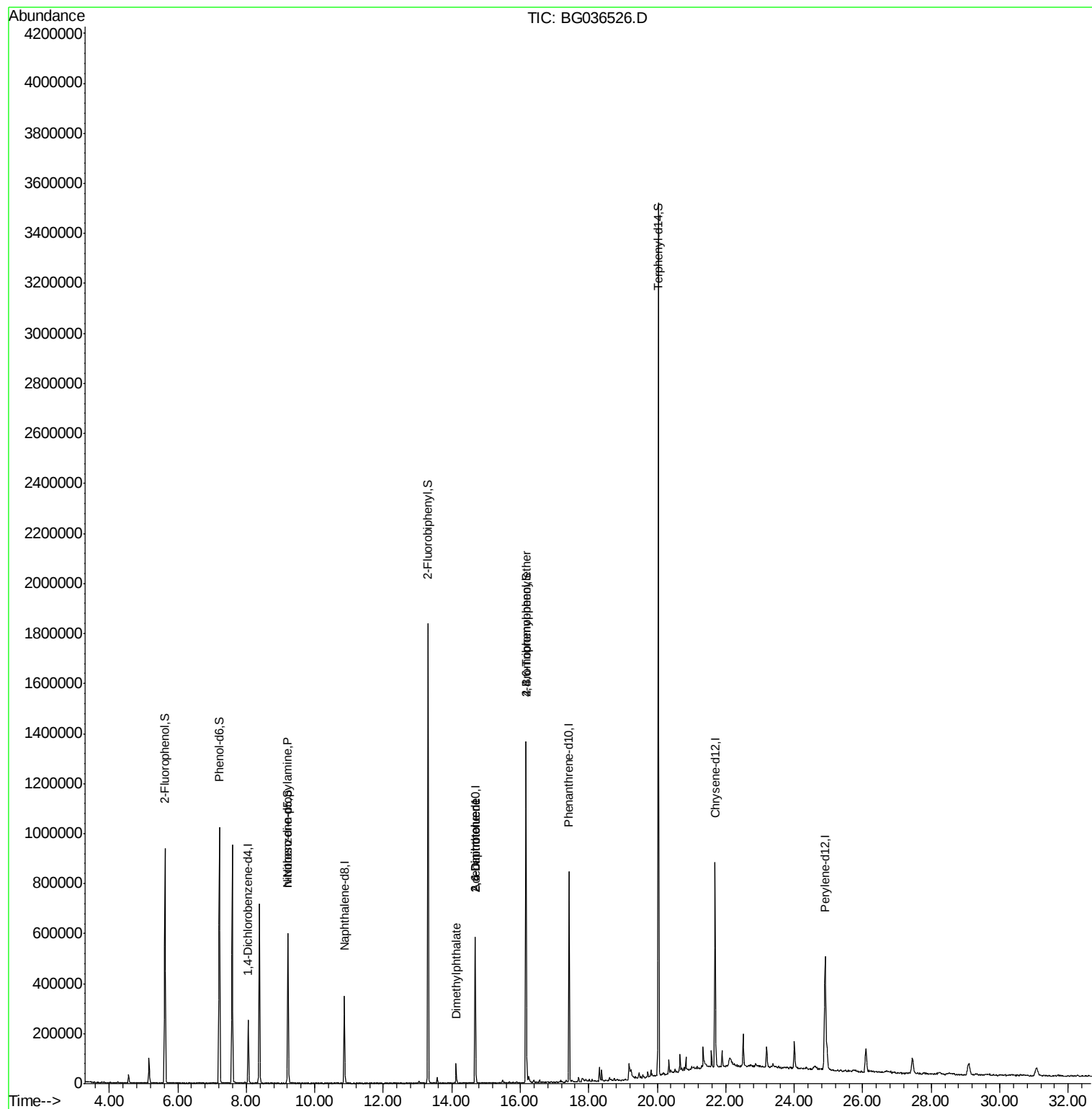
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	69742	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	303015	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	204241	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	515801	20.00	ng	0.00
75) Chrysene-d12	21.69	240	508863	20.00	ng	0.00
86) Perylene-d12	24.90	264	520715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	397269	90.36	ng	0.00
7) Phenol-d6	7.21	99	604457	96.03	ng	0.00
23) Nitrobenzene-d5	9.22	82	355197	63.60	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	245719	100.83	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	955061	66.77	ng	0.00
78) Terphenyl-d14	20.03	244	1552721	71.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	45771	9.729	ng	# 69
49) Dimethylphthalate	14.13	163	51189	3.069	ng	# 97
50) 2,6-Dinitrotoluene	14.68	165	26458	7.710	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	26458	5.916	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	17593	2.913	ng	# 1

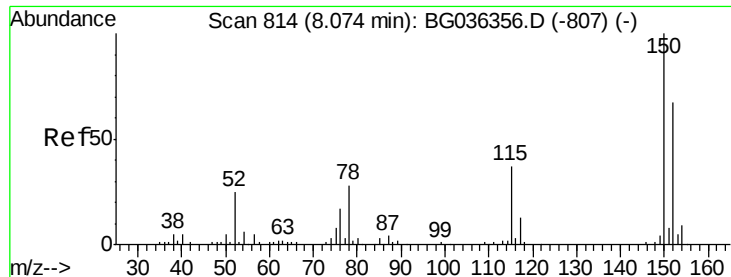
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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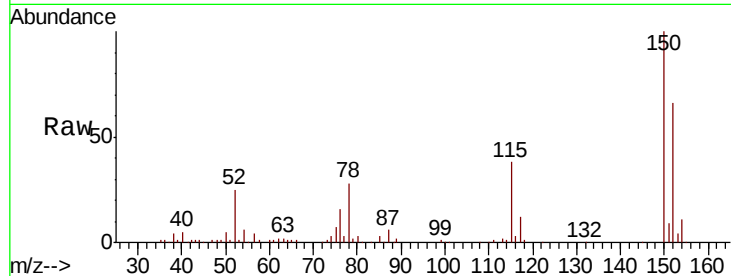




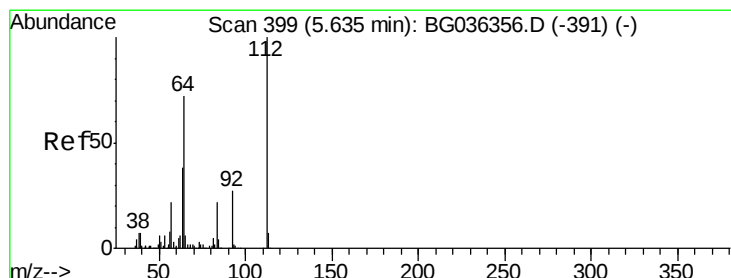
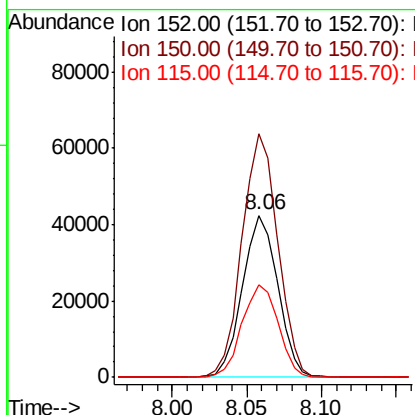
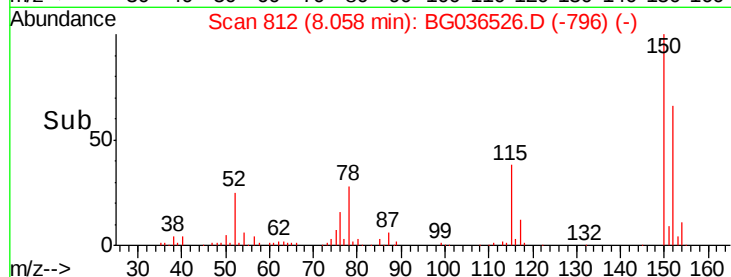
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036526.D
 Acq: 4 Sep 2018 11:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 69742
 Ion Ratio Lower Upper
 152 100
 150 150.4 119.5 179.3
 115 57.6 44.5 66.7

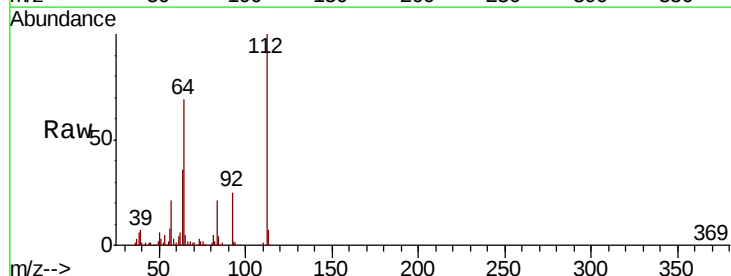


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

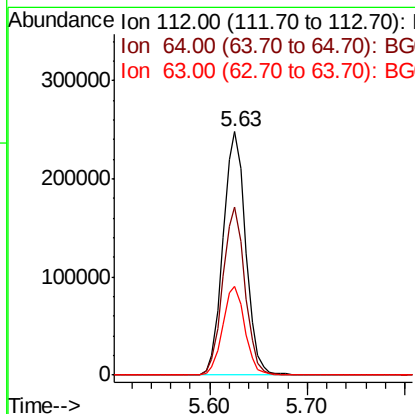
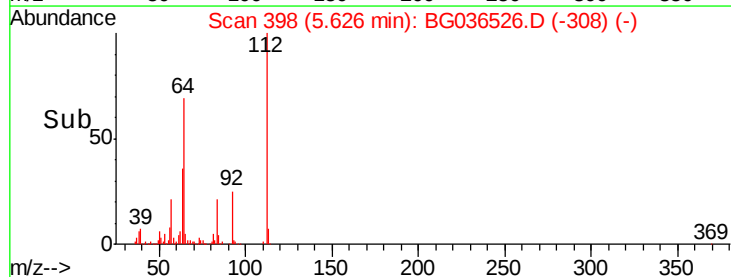


#5
 2-Fluorophenol
 Concen: 90.360 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036526.D
 Acq: 4 Sep 2018 11:20

Tgt Ion:112 Resp: 397269
 Ion Ratio Lower Upper
 112 100
 64 69.0 57.2 85.8
 63 36.2 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: 96.026 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036526.D

Acq: 4 Sep 2018 11:20

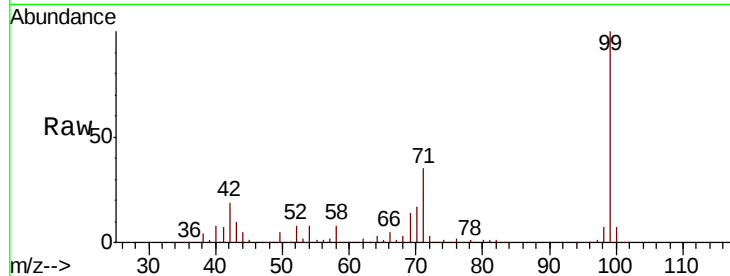
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 604457

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.5	24.7
71	35.2	29.4	44.2

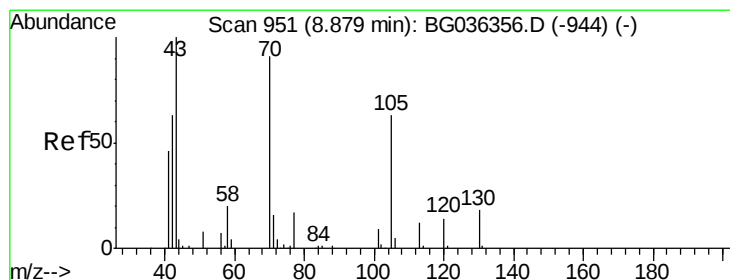
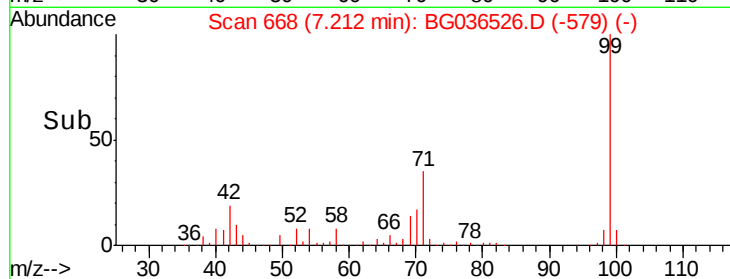
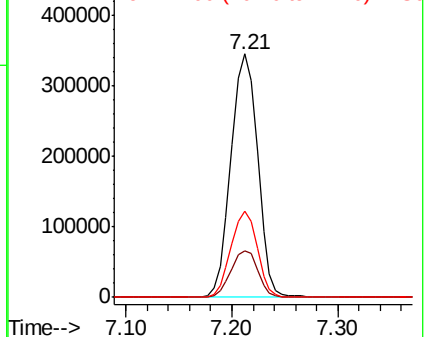


Abundance

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: 9.729 ng

RT: 9.22 min Scan# 1009

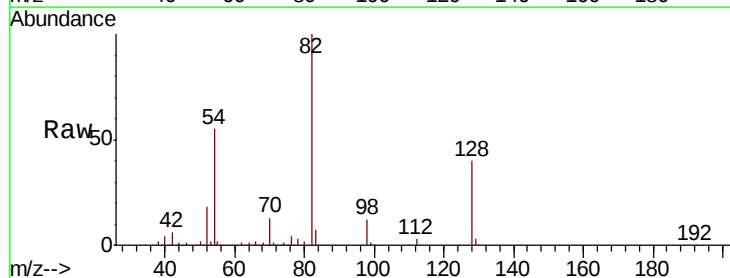
Delta R.T. 0.35 min

Lab File: BG036526.D

Acq: 4 Sep 2018 11:20

Tgt Ion: 70 Resp: 45771

Ion	Ratio	Lower	Upper
70	100		
42	47.3	56.2	84.4#
101	0.0	7.8	11.6#
130	1.2	16.2	24.2#



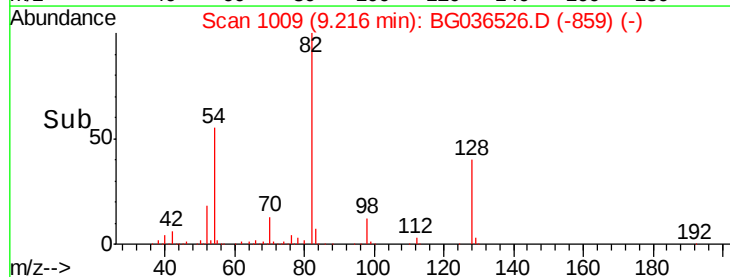
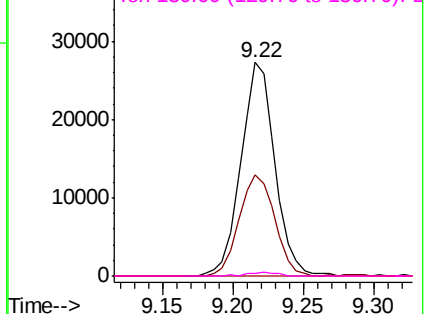
Abundance

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

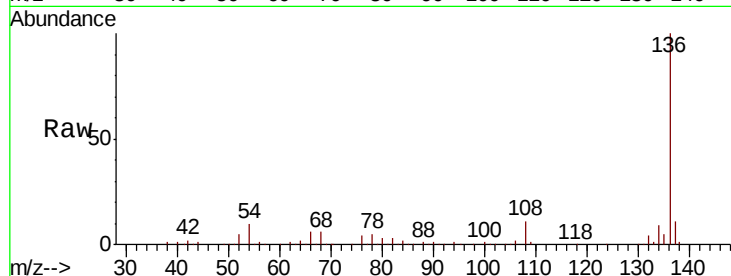




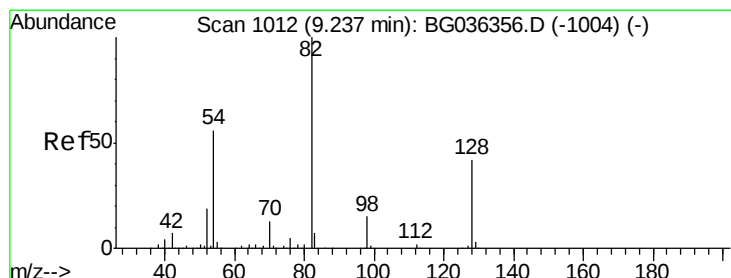
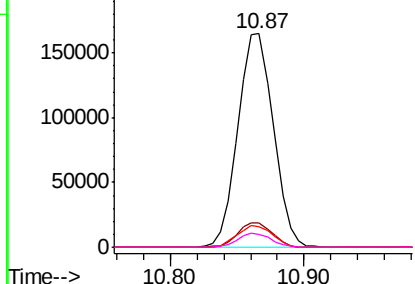
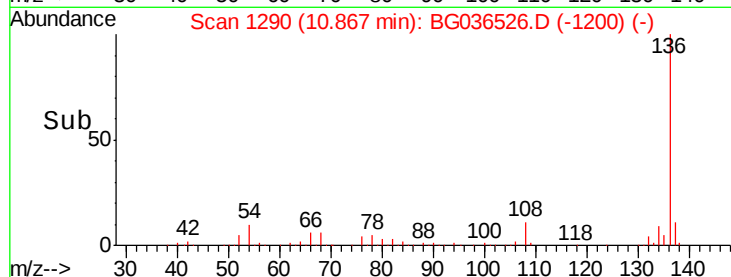
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036526.D
Acq: 4 Sep 2018 11:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	303015
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.9	9.2 13.8
68	6.2	5.8 8.6

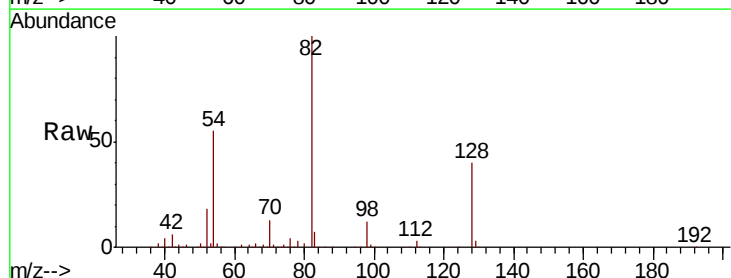


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

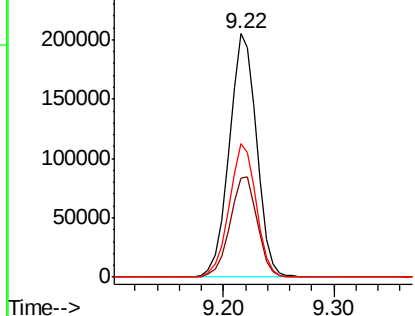
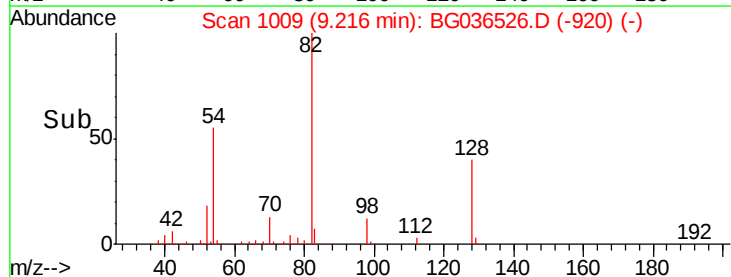


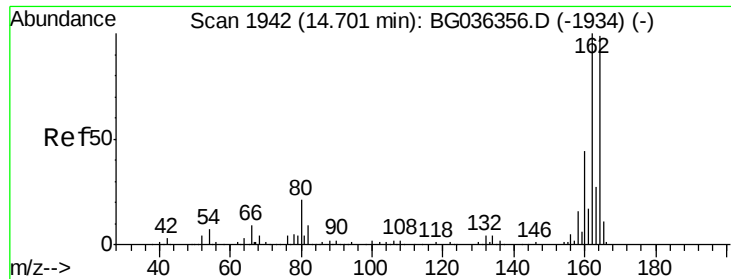
#23
Nitrobenzene-d5
Concen: 63.600 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036526.D
Acq: 4 Sep 2018 11:20

Tgt Ion: 82	Resp:	355197
Ion Ratio	Lower	Upper
82	100	
128	40.5	33.3 49.9
54	54.9	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

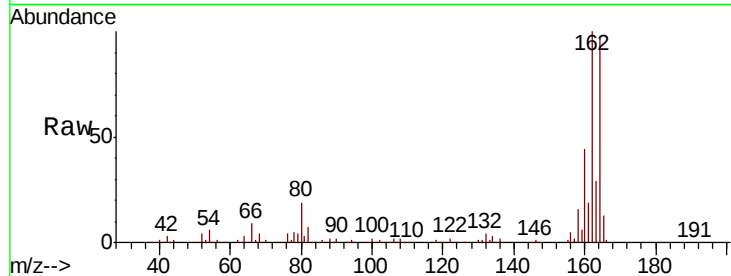




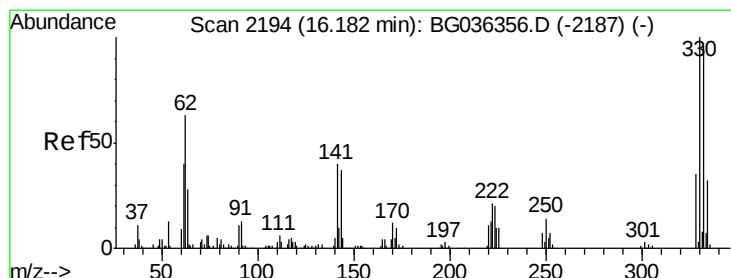
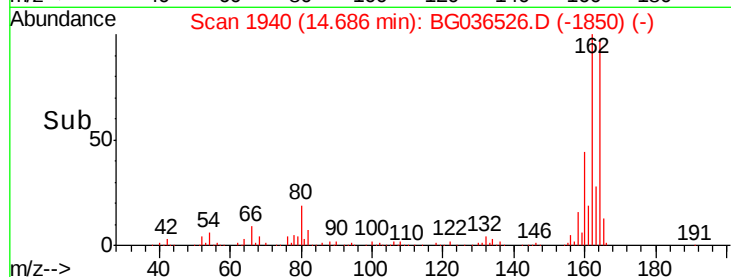
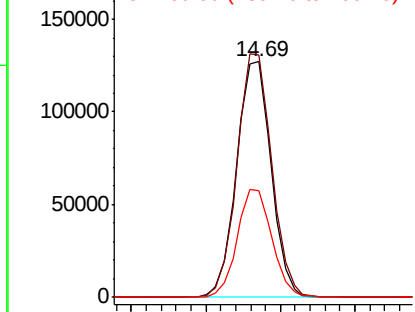
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: BG036526.D
 Acq: 4 Sep 2018 11:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 204241
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.7 121.1
 160 45.5 35.3 52.9

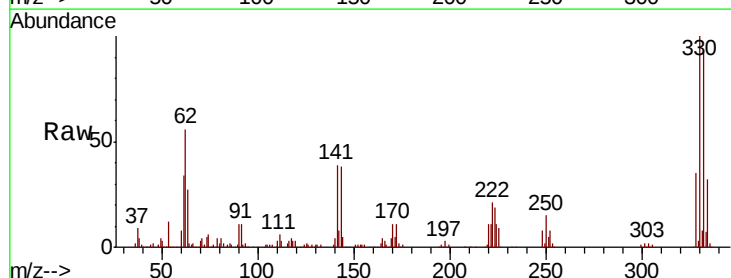


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

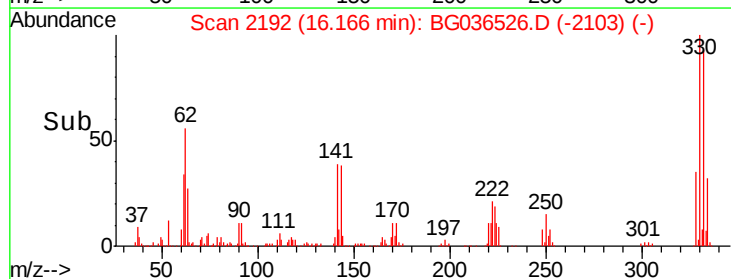
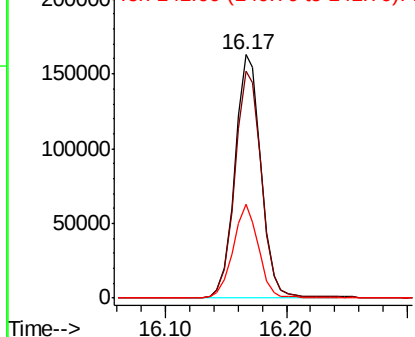


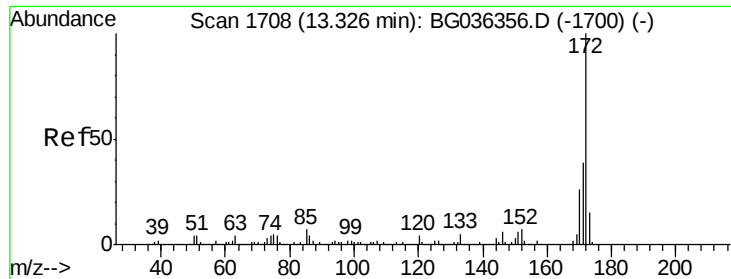
#41
 2,4,6-Tribromophenol
 Concen: 100.826 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036526.D
 Acq: 4 Sep 2018 11:20

Tgt Ion:330 Resp: 245719
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.4 113.2
 141 37.3 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

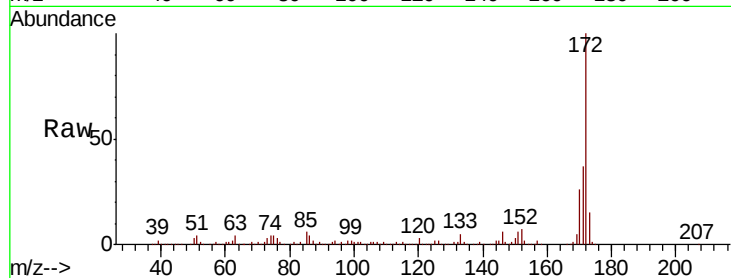




#44
2-Fluorobiphenyl
Concen: 66.767 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG036526.D
Acq: 4 Sep 2018 11:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	25.9	21.0	31.6

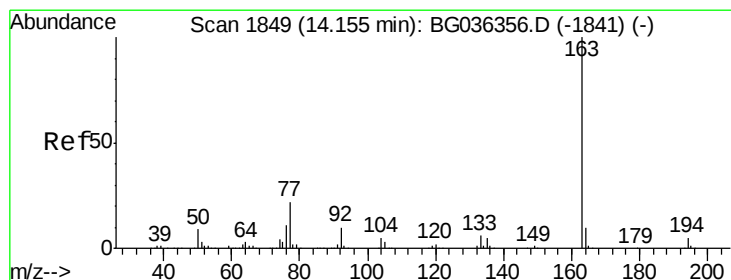
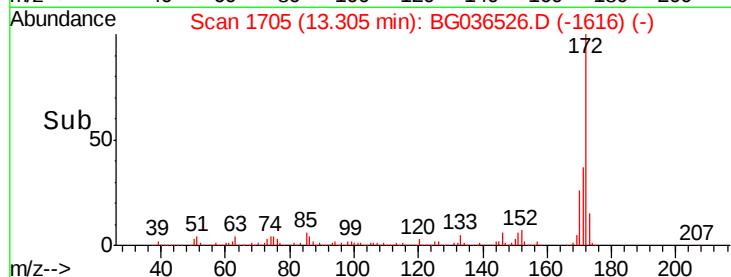
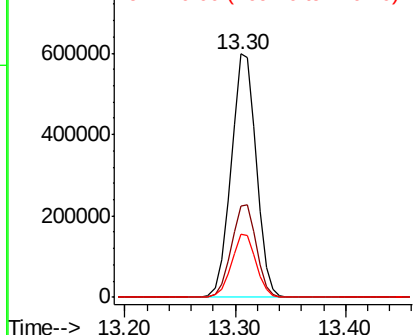


Abundance

Ion 172.00 (171.70 to 172.70): E

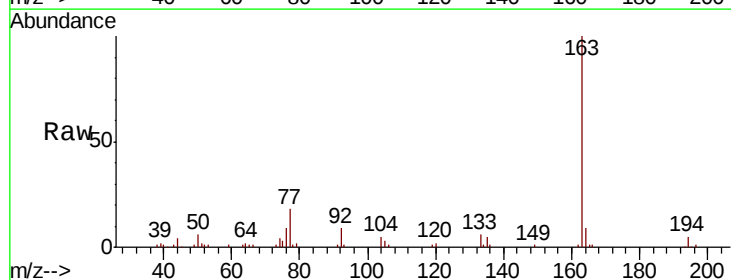
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 3.069 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BG036526.D
Acq: 4 Sep 2018 11:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.0	6.0
164	8.7	8.1	12.1

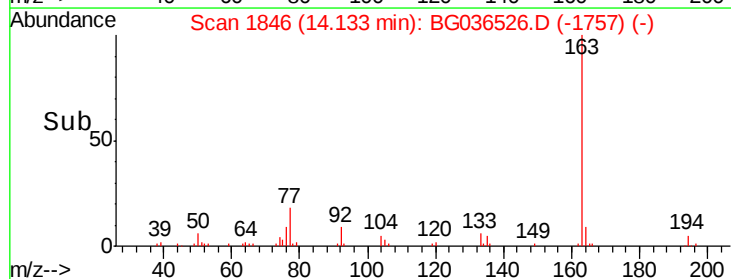
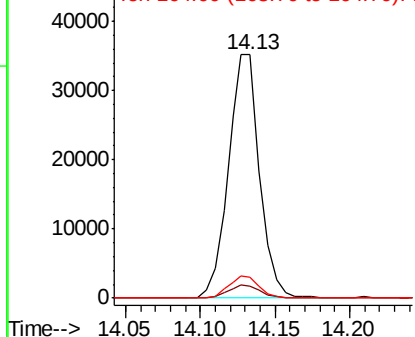


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

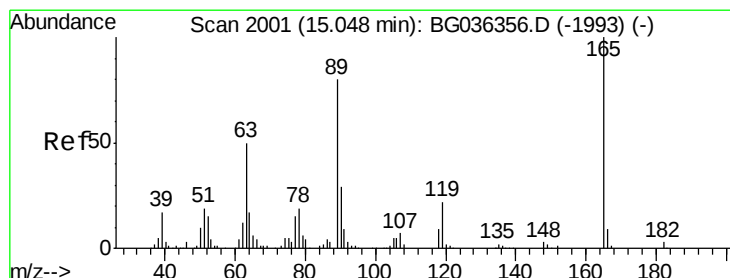
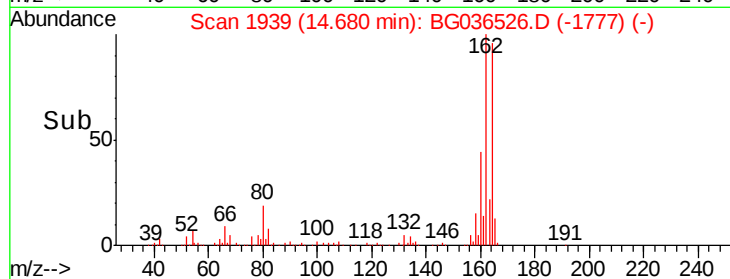
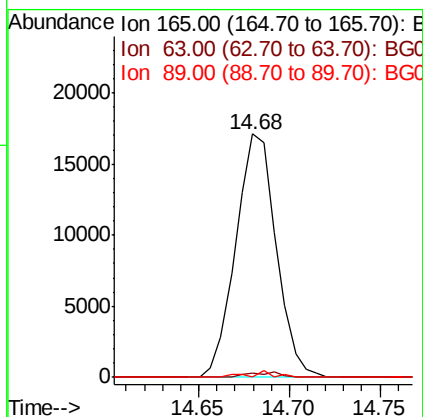
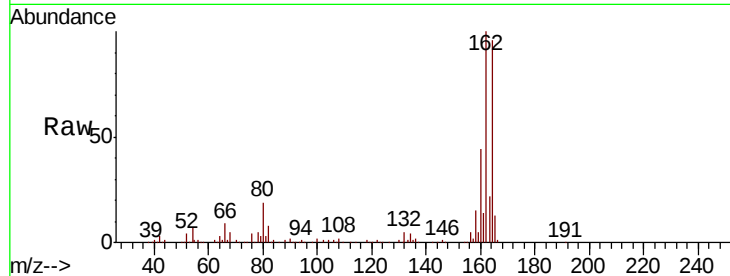




#50
 2,6-Dinitrotoluene
 Concen: 7.710 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036526.D
 Acq: 4 Sep 2018 11:20

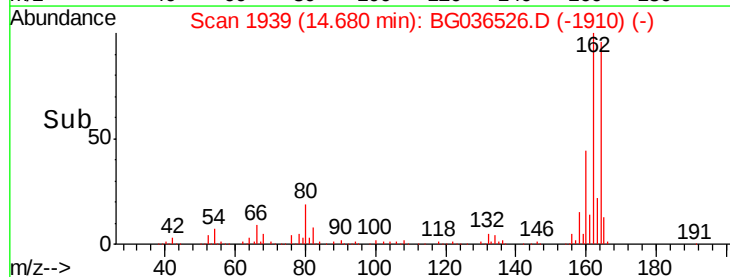
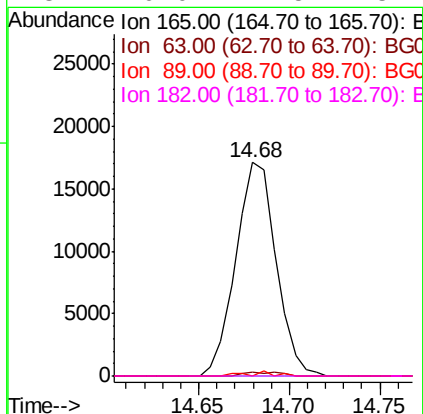
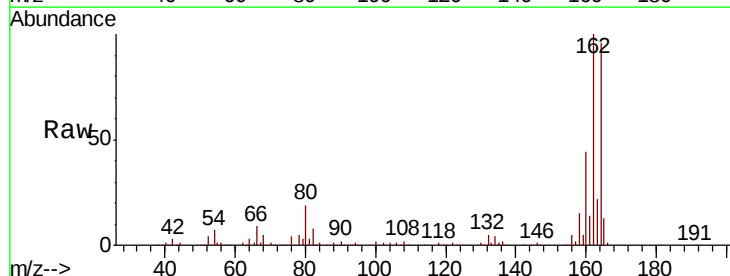
Instrument :
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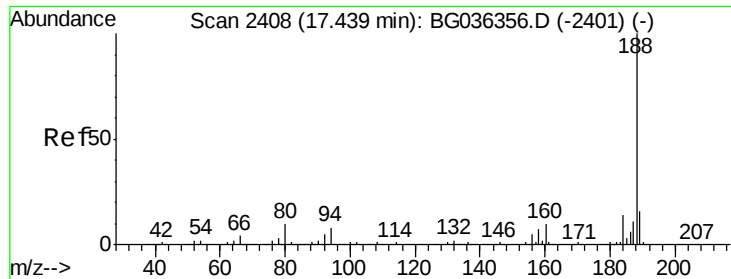
Tot Ion:165 Resp: 26458
 Ion Ratio Lower Upper
 165 100
 63 1.7 50.1 75.1#
 89 0.0 47.8 71.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.916 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036526.D
 Acq: 4 Sep 2018 11:20

Tgt Ion:165 Resp: 26458
 Ion Ratio Lower Upper
 165 100
 63 1.7 40.1 60.1#
 89 0.0 63.7 95.5#
 182 0.0 2.5 3.7#

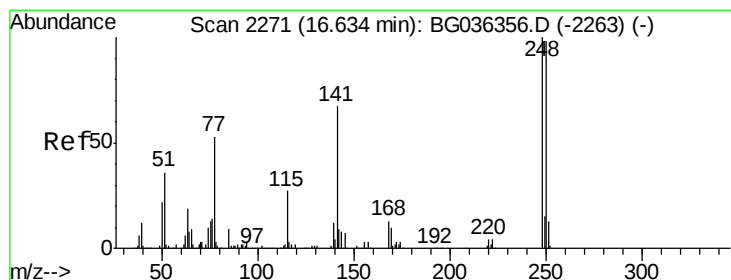
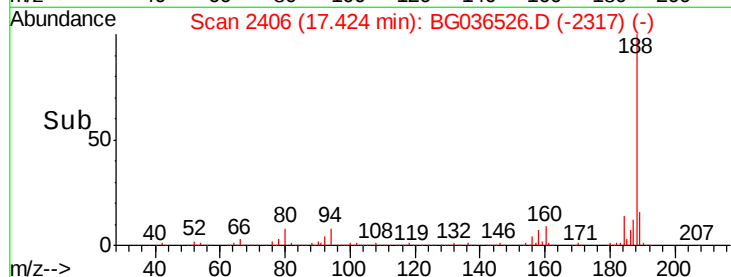
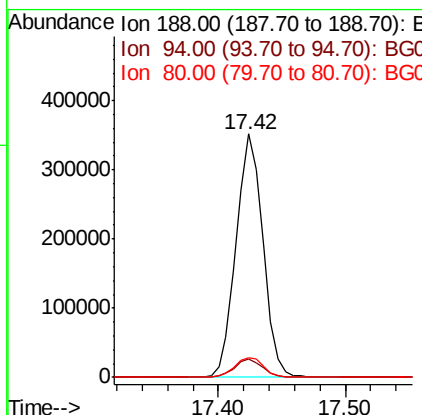
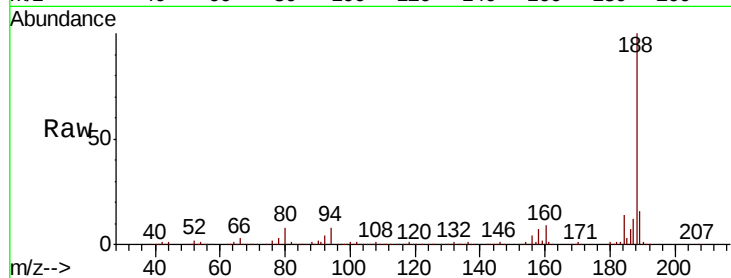




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036526.D
 Acq: 4 Sep 2018 11:20

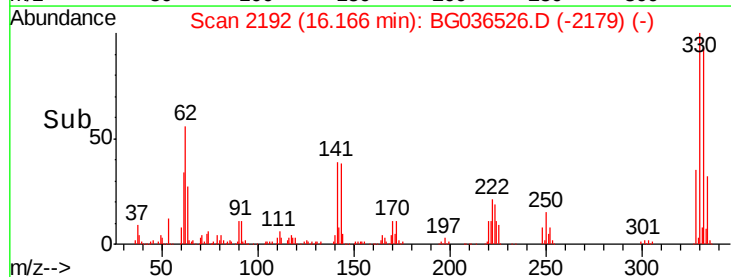
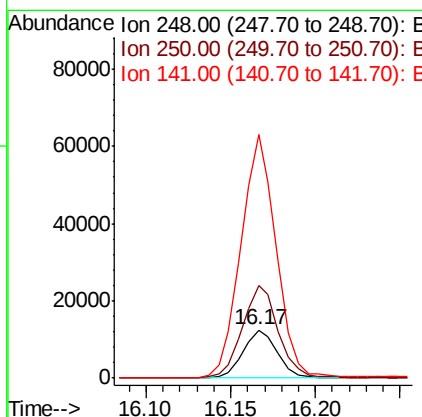
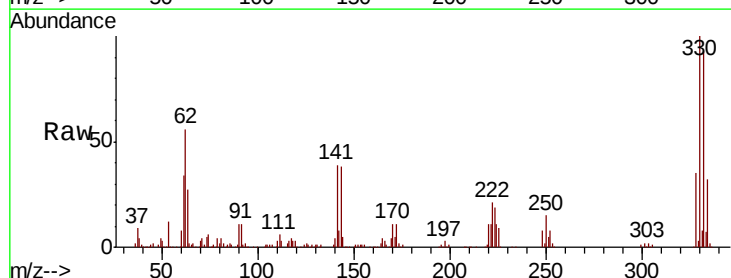
Instrument :
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 ClientSampleId :

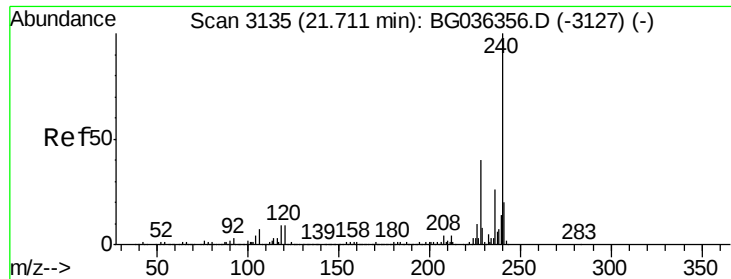
Tot Ion:188 Resp: 515801
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.7 10.1
 80 8.3 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 2.913 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036526.D
 Acq: 4 Sep 2018 11:20

Tgt Ion:248 Resp: 17593
 Ion Ratio Lower Upper
 248 100
 250 193.3 78.1 117.1#
 141 506.9 53.7 80.5#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036526.D

Acq: 4 Sep 2018 11:20

Instrument :

BNA_G

ClientSampleId :

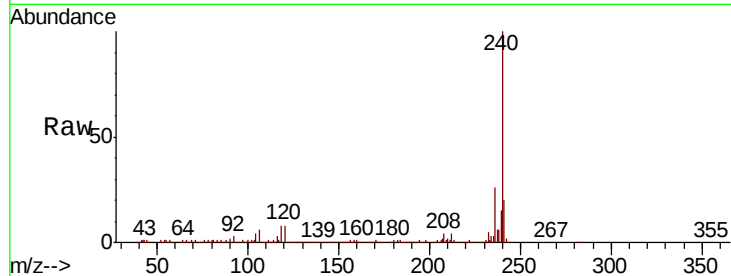
Tot Ion:240 Resp: 508863

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

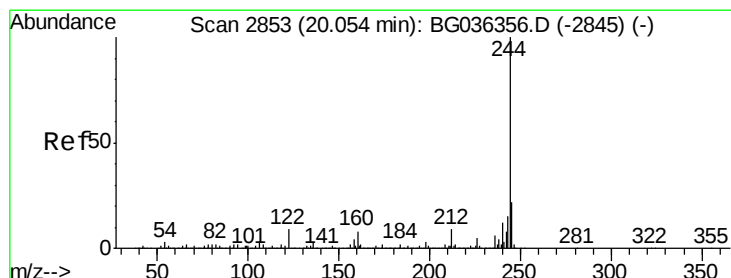
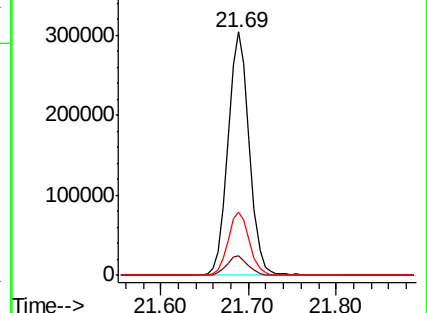
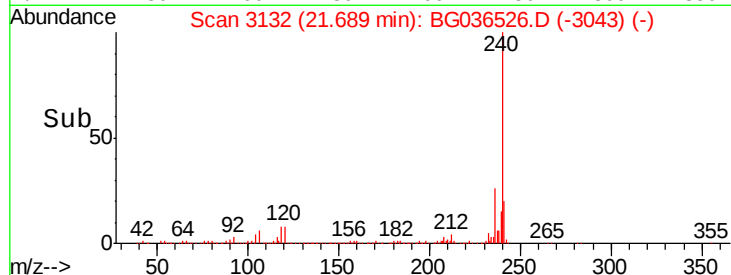
236 25.9 21.2 31.8



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: 71.321 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036526.D

Acq: 4 Sep 2018 11:20

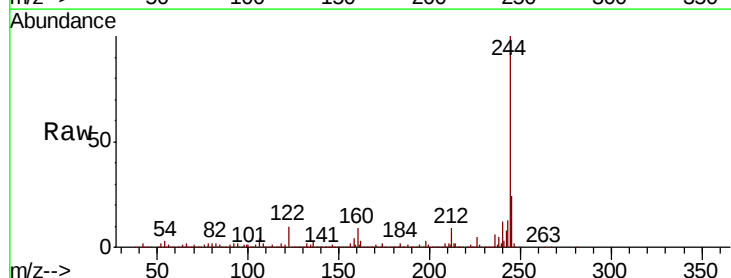
Tgt Ion:244 Resp: 1552721

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

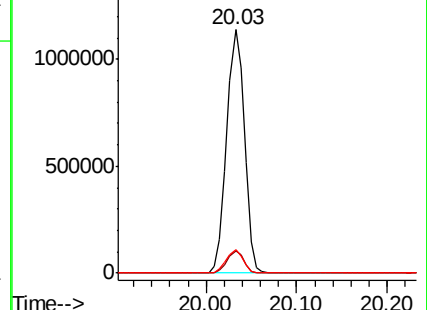
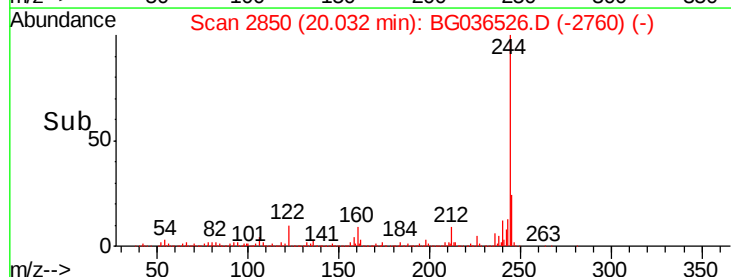
122 9.6 7.1 10.7

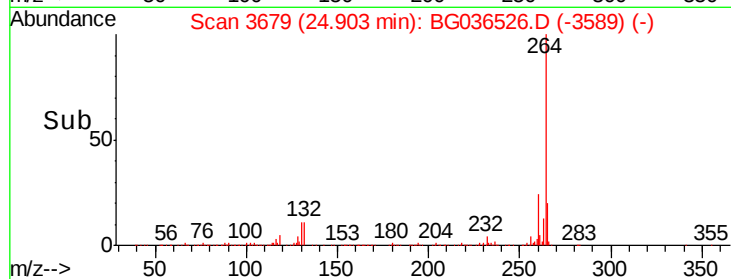
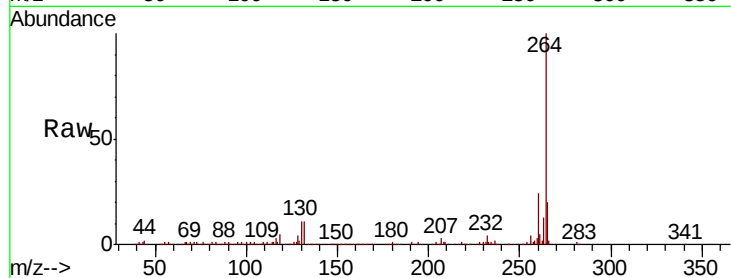
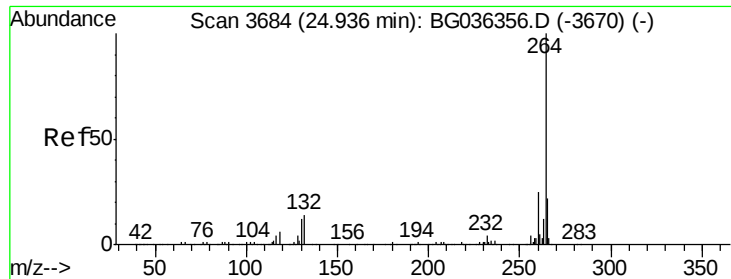


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG036526.D
 Acq: 4 Sep 2018 11:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	20.3	17.4	26.0

