

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091718\
 Data File : BG036774.D
 Acq On : 18 Sep 2018 5:21
 Operator : JU/SJ
 Sample : J4775-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-B

Quant Time: Sep 18 07:12:26 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

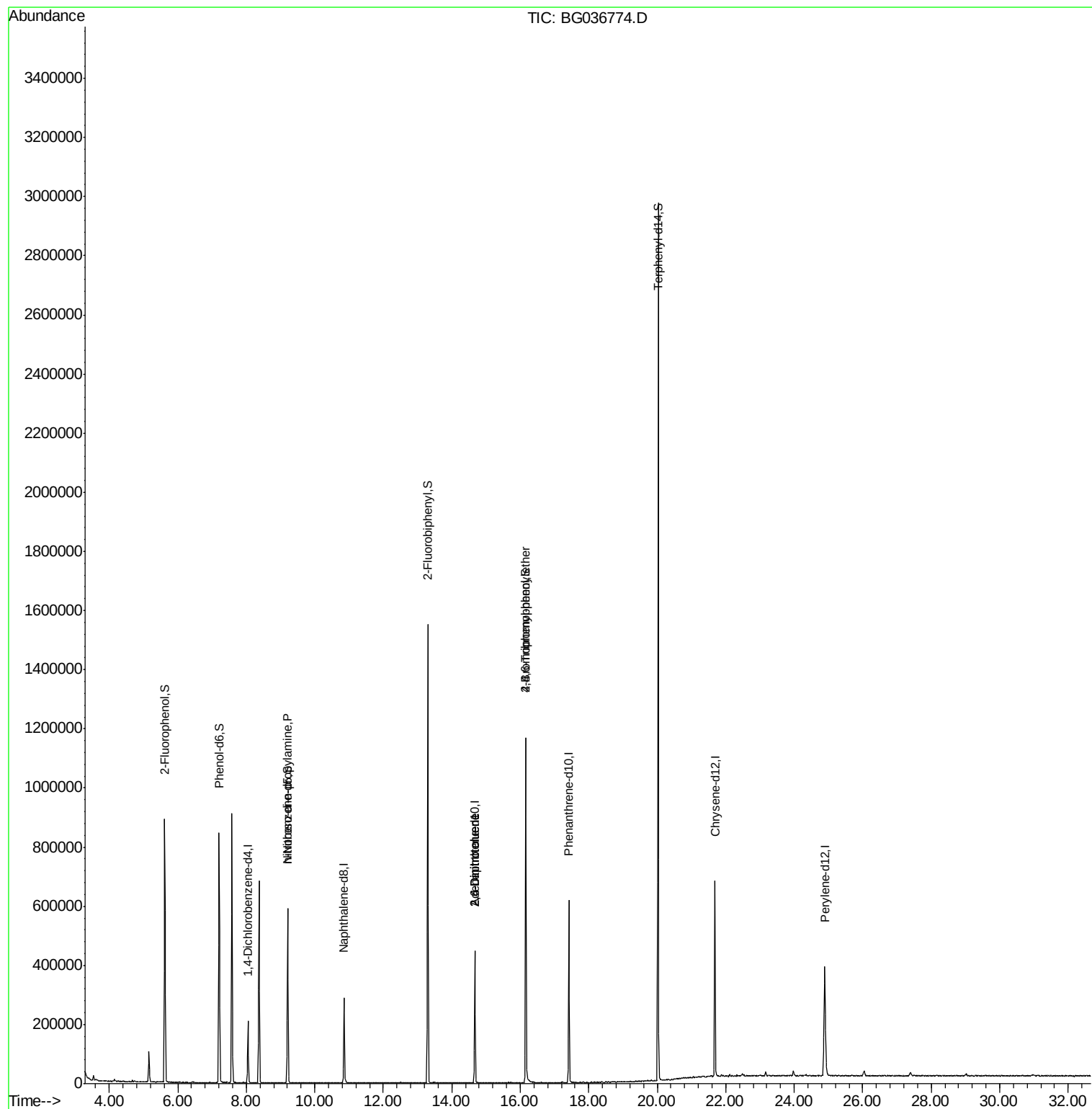
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59337	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	241206	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	153431	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	390992	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	411145	20.00	ng	-0.01
86) Perylene-d12	24.89	264	403314	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	368615	98.54	ng	0.00
7) Phenol-d6	7.21	99	473605	88.43	ng	-0.01
23) Nitrobenzene-d5	9.21	82	358685	80.68	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	221083	120.76	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	800862	74.53	ng	-0.01
78) Terphenyl-d14	20.03	244	1390195	79.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	47631	11.900	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	19941	7.735	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	19941	5.935	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	15465	3.378	ng	# 1

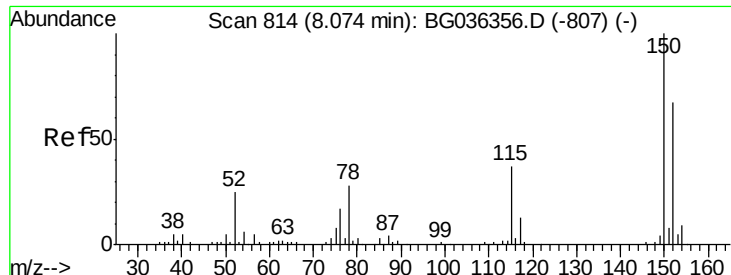
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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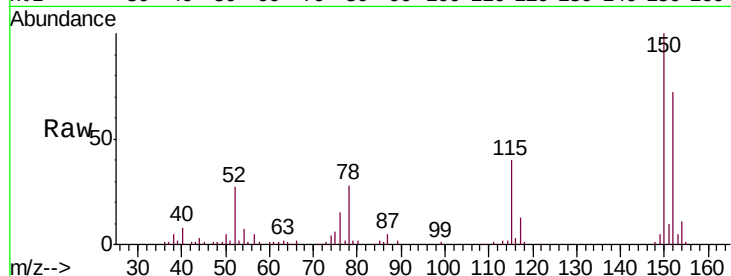


#1

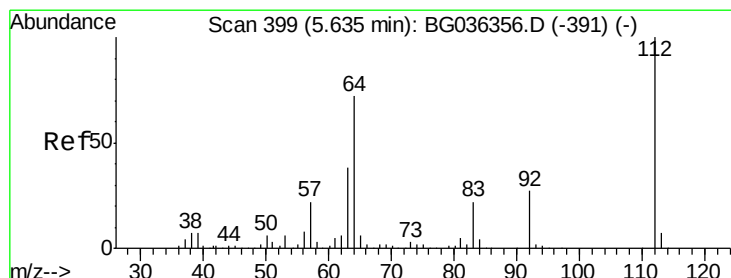
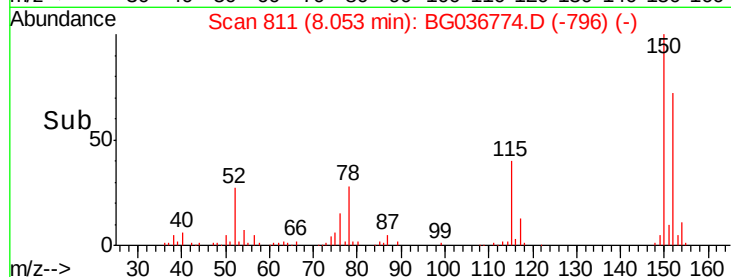
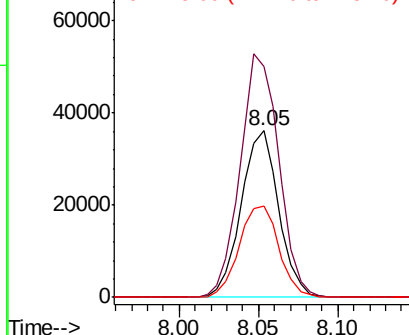
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	138.5	119.5	179.3
115	55.0	44.5	66.7



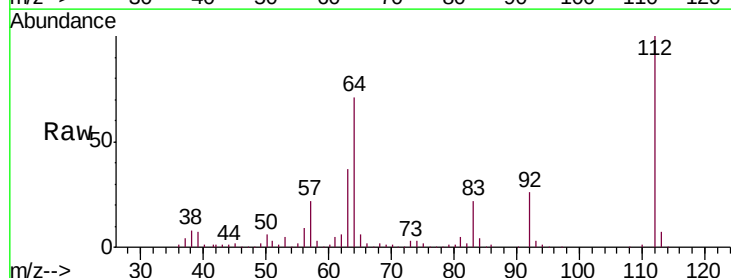
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



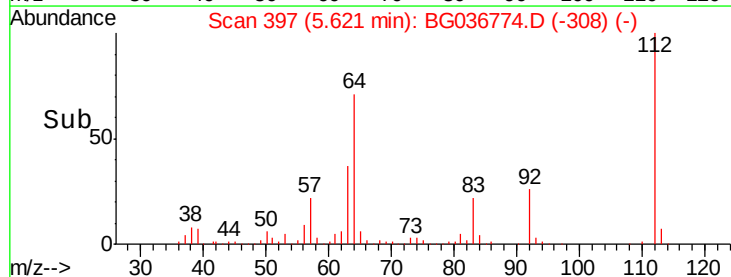
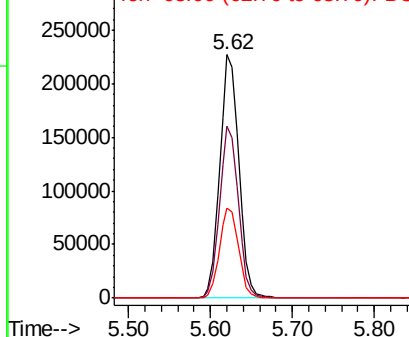
#5

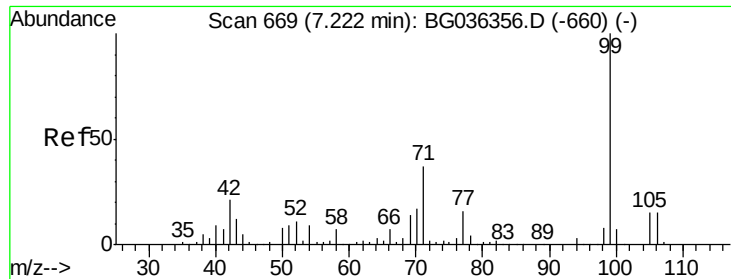
2-Fluorophenol
 Concen: 98.544 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	57.2	85.8
63	37.2	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: 88.431 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036774.D

Acq: 18 Sep 2018 5:21

Instrument :

BNA_G

ClientSampleId :

OR-03-091418-B

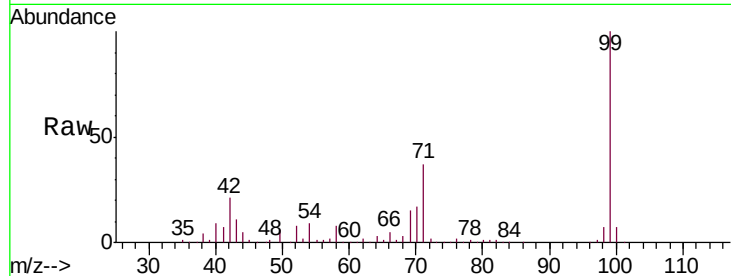
Tgt Ion: 99 Resp: 473605

Ion Ratio Lower Upper

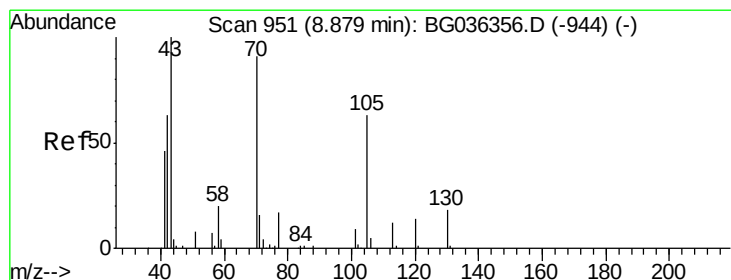
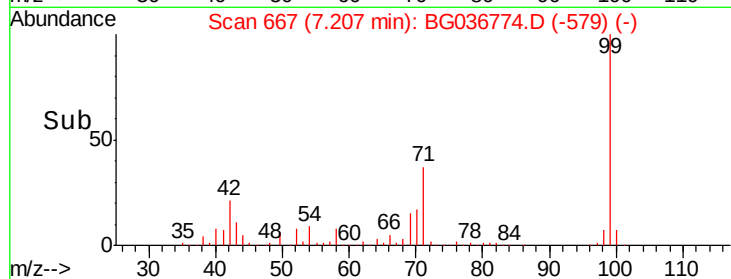
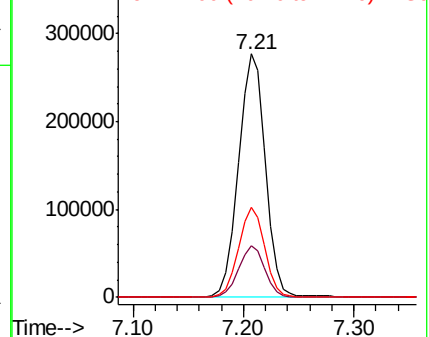
99 100

42 21.0 16.5 24.7

71 36.9 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: 11.900 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036774.D

Acq: 18 Sep 2018 5:21

Tgt Ion: 70 Resp: 47631

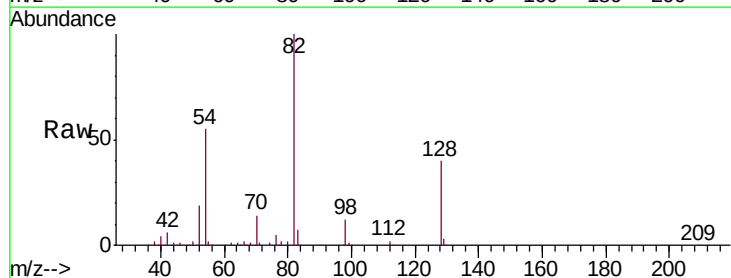
Ion Ratio Lower Upper

70 100

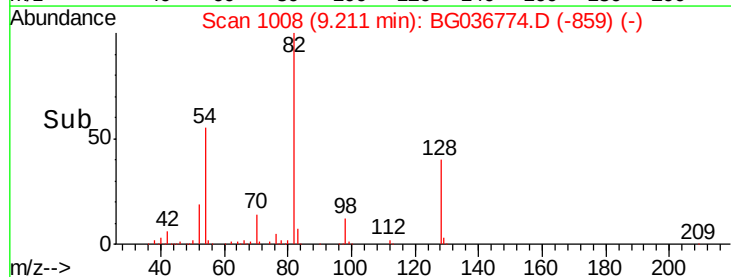
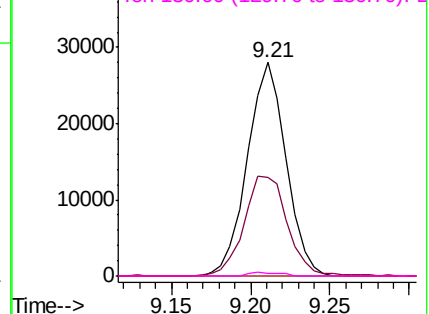
42 46.3 56.2 84.4#

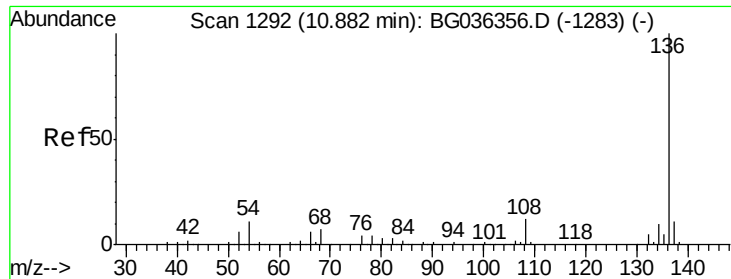
101 0.0 7.8 11.6#

130 0.9 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

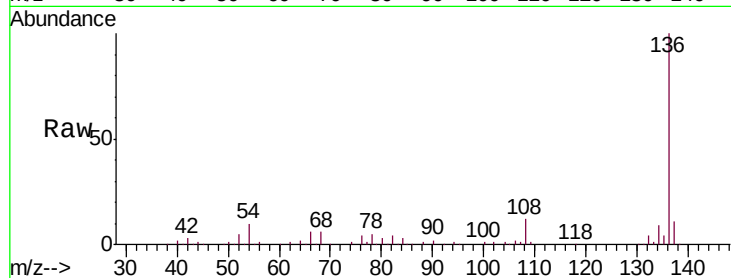




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036774.D
Acq: 18 Sep 2018 5:21

Instrument :
BNA_G
ClientSampleId :
OR-03-091418-B

Tgt Ion:	136	Resp:	241206
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.7	9.2	13.8
68	6.0	5.8	8.6



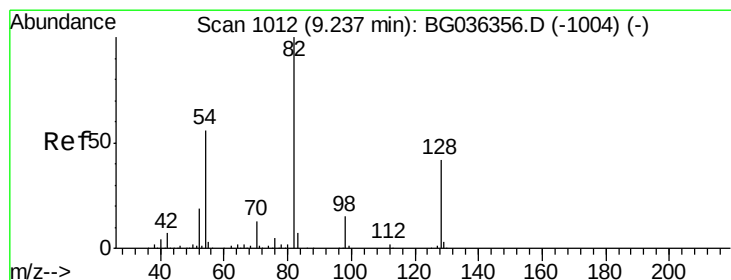
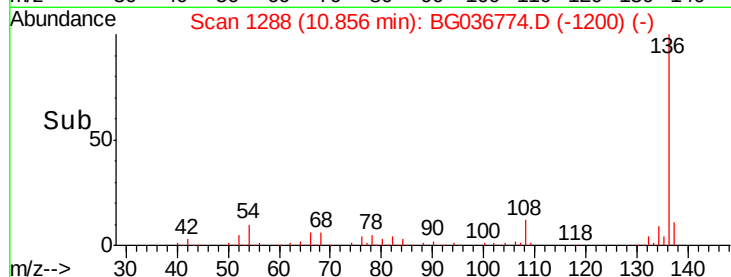
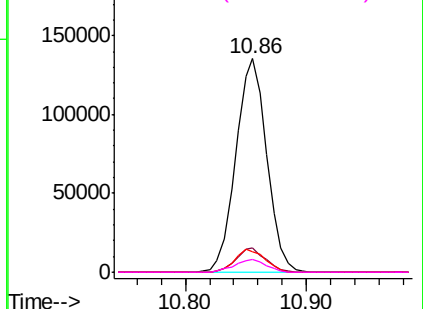
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

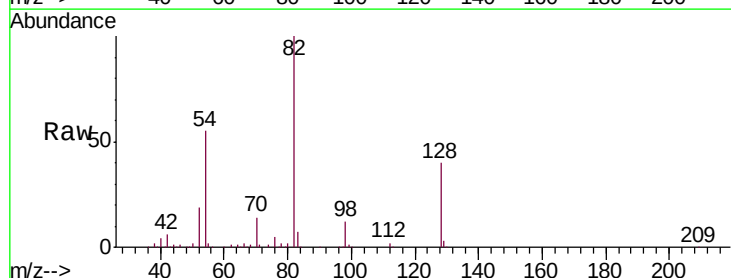
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 80.682 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036774.D
Acq: 18 Sep 2018 5:21

Tgt Ion:	82	Resp:	358685
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.3	49.9
54	55.3	45.1	67.7

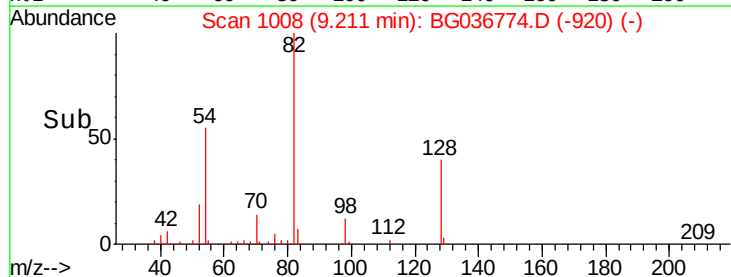
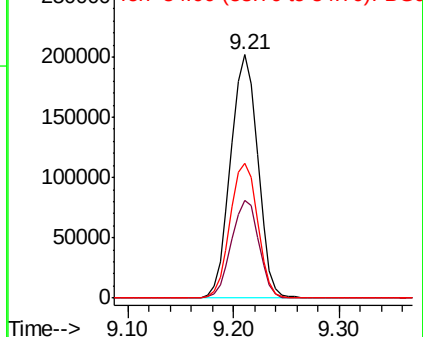


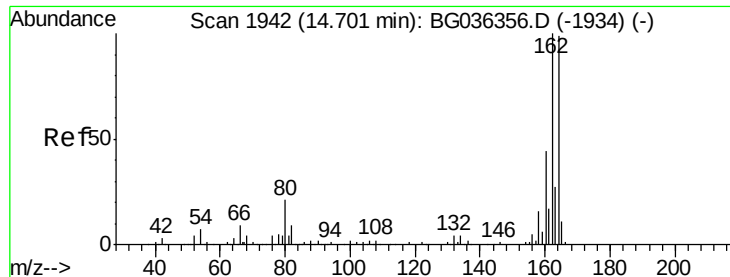
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

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: BG036774.D

Acq: 18 Sep 2018 5:21

Instrument :

BNA_G

ClientSampleId :

OR-03-091418-B

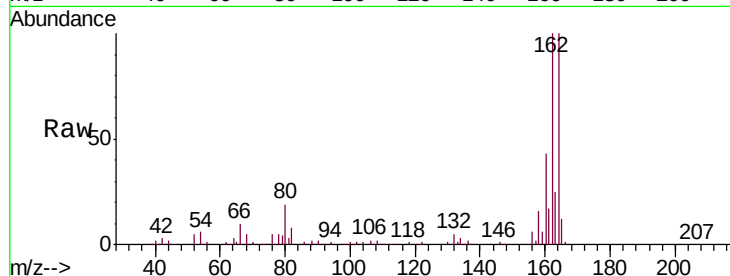
Tgt Ion:164 Resp: 153431

Ion Ratio Lower Upper

164 100

162 100.1 80.7 121.1

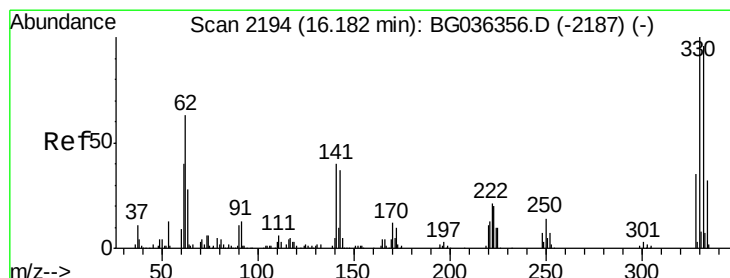
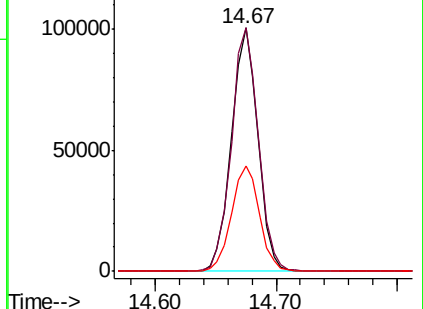
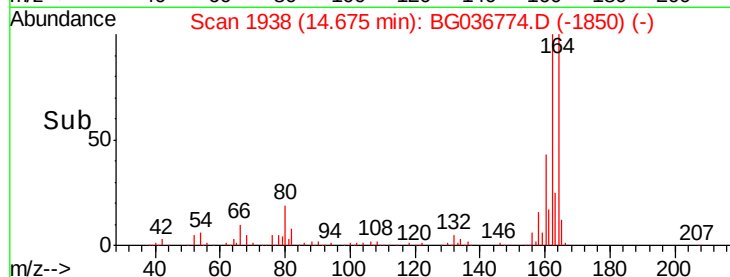
160 43.4 35.3 52.9



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: 120.759 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036774.D

Acq: 18 Sep 2018 5:21

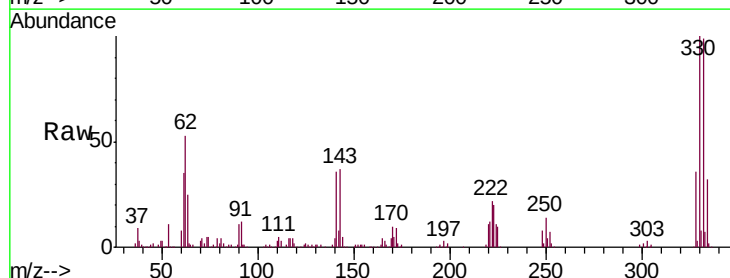
Tgt Ion:330 Resp: 221083

Ion Ratio Lower Upper

330 100

332 96.6 75.4 113.2

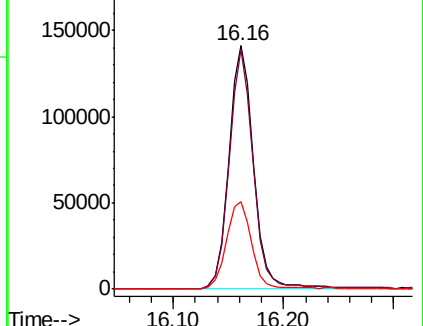
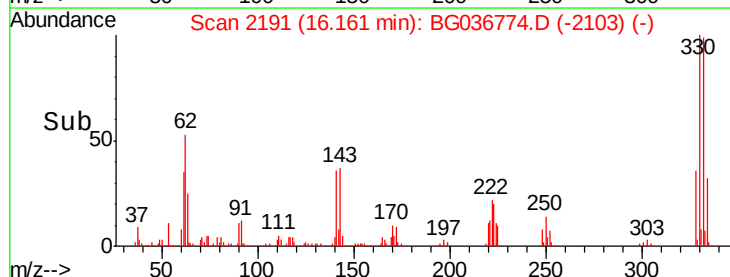
141 37.4 30.7 46.1

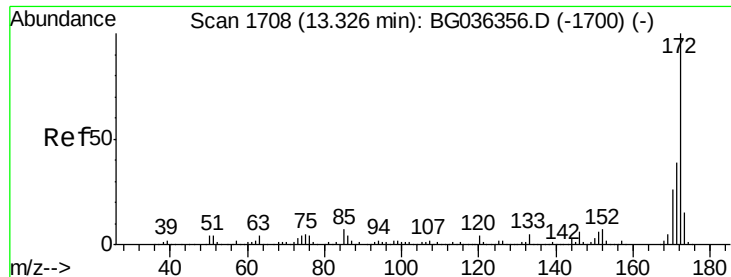


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

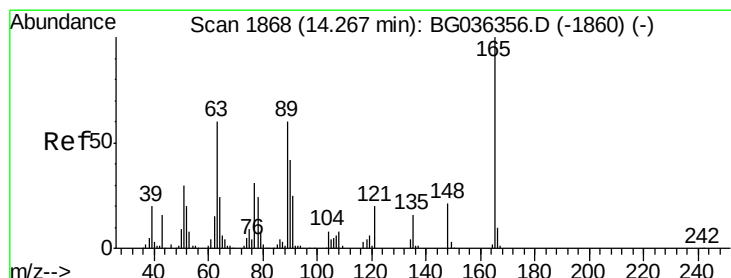
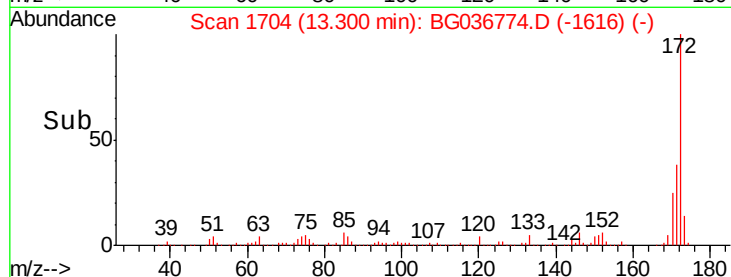
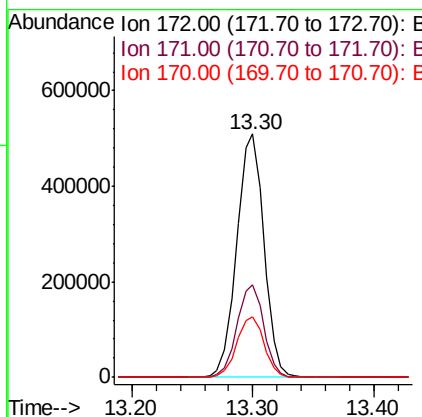
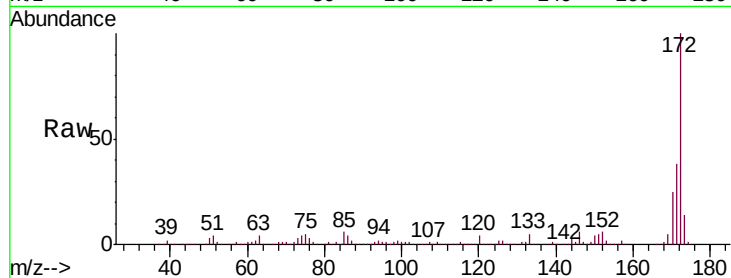




#44
 2-Fluorobiphenyl
 Concen: 74.528 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

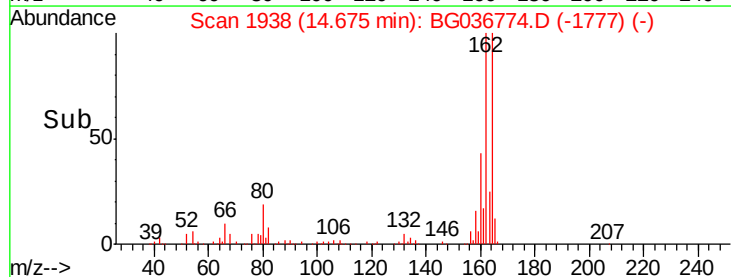
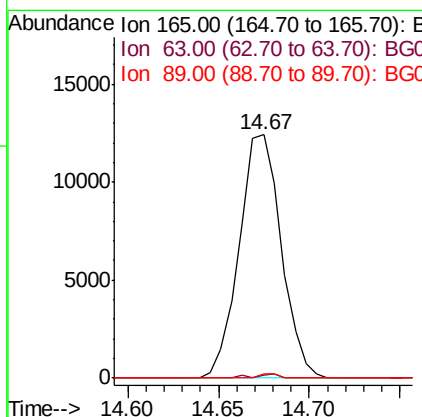
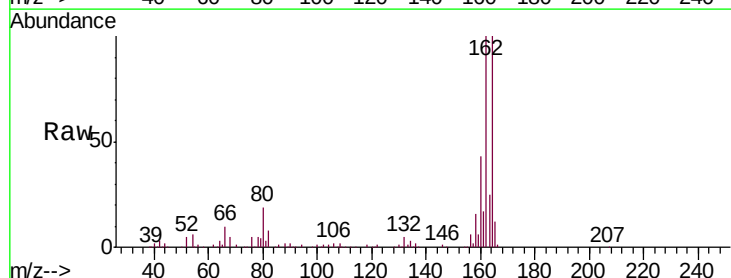
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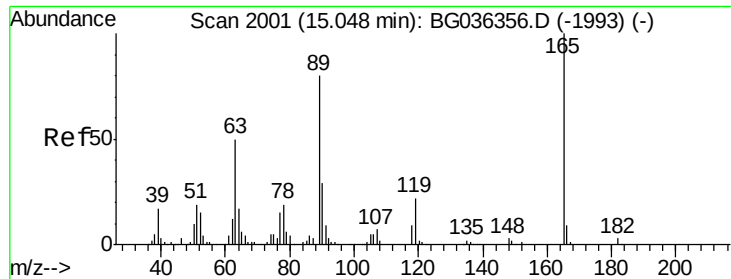
Tgt Ion:172 Resp: 800862
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.1 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.735 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

Tgt Ion:165 Resp: 19941
 Ion Ratio Lower Upper
 165 100
 63 1.4 50.1 75.1#
 89 2.0 47.8 71.6#

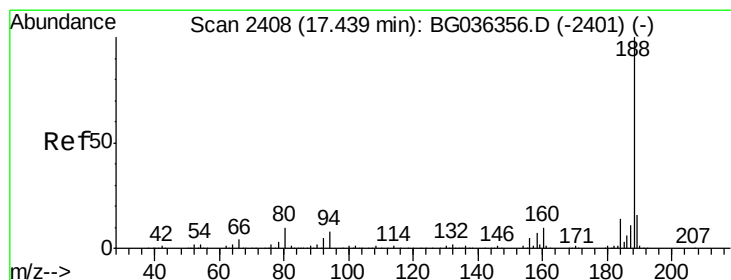
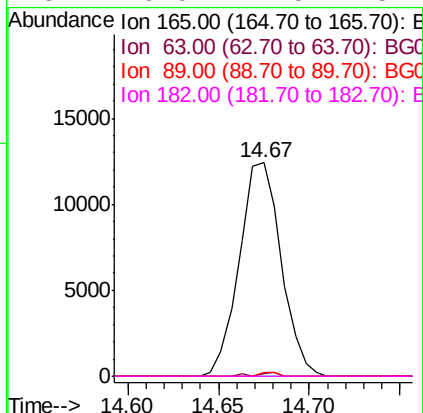
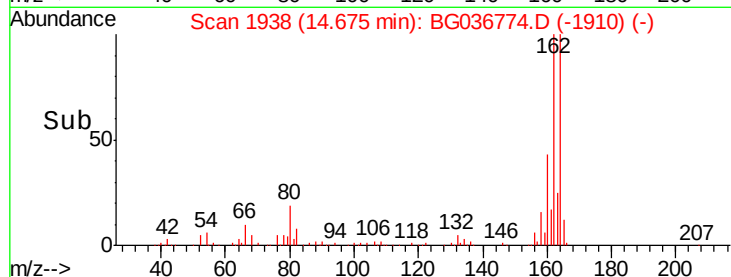
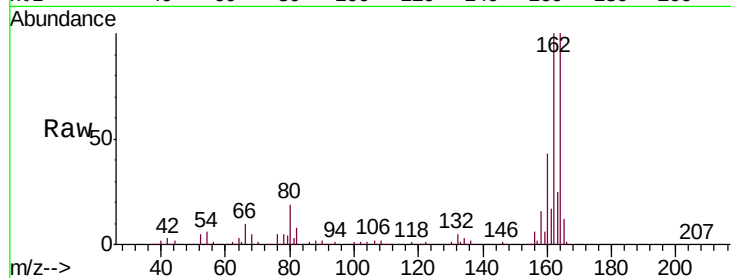




#56
 2,4-Dinitrotoluene
 Concen: 5.935 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

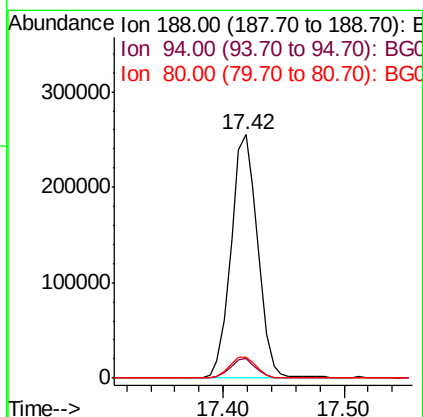
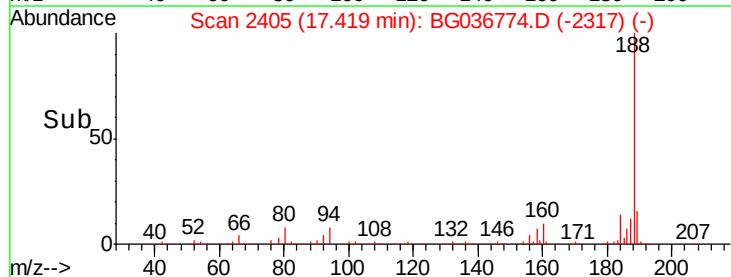
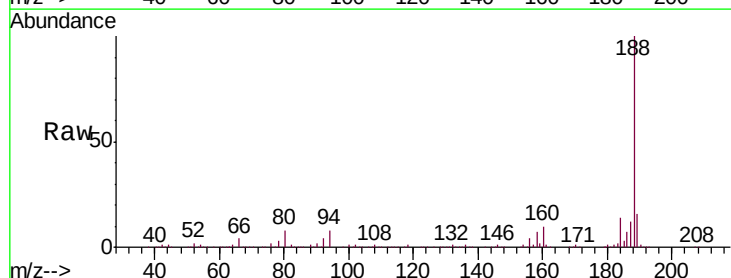
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-B

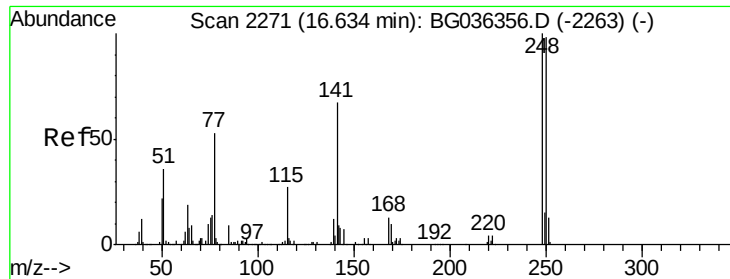
Tgt Ion:	165	Resp:	19941
Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

Tgt Ion:	188	Resp:	390992
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	8.4	8.1	12.1

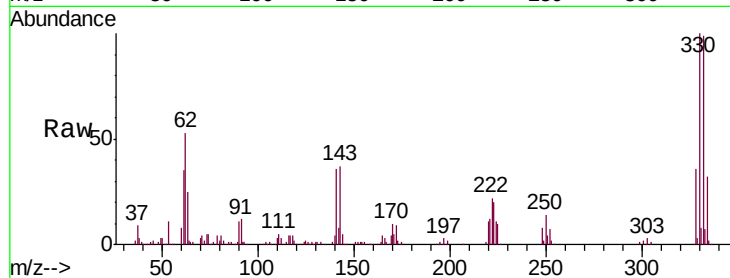




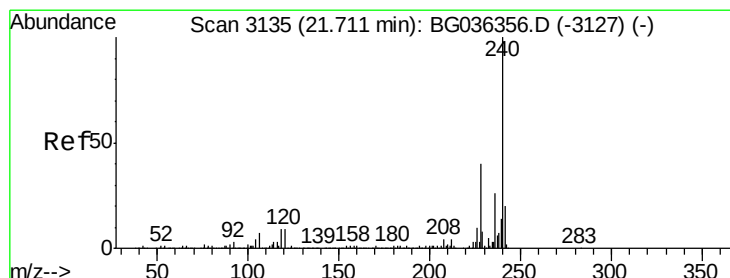
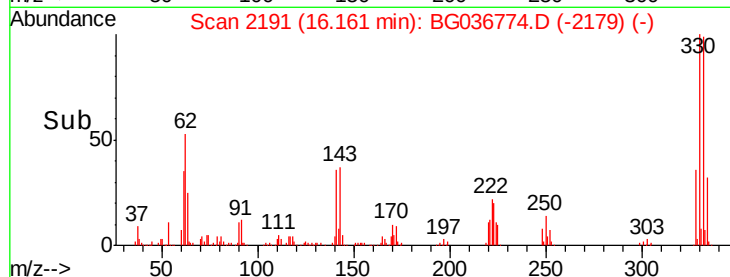
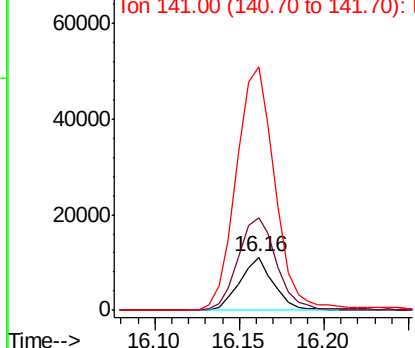
#66
4-Bromophenyl-phenylether
Concen: 3.378 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036774.D
Acq: 18 Sep 2018 5:21

Instrument :
BNA_G
ClientSampleId :
OR-03-091418-B

Tgt Ion:248 Resp: 15465
Ion Ratio Lower Upper
248 100
250 174.3 78.1 117.1#
141 458.4 53.7 80.5#

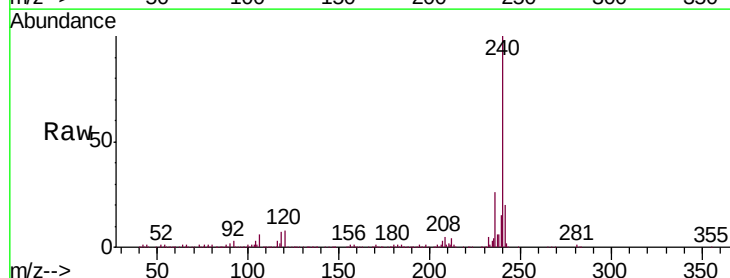


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

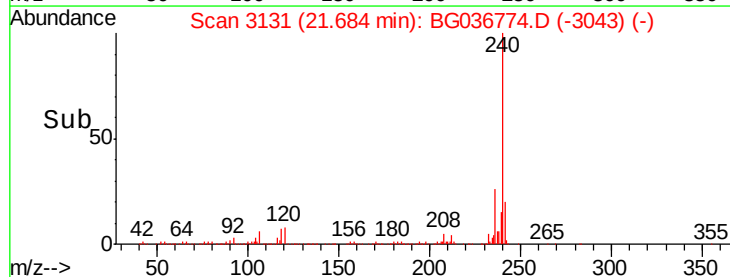
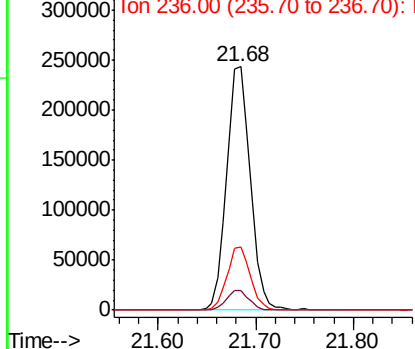


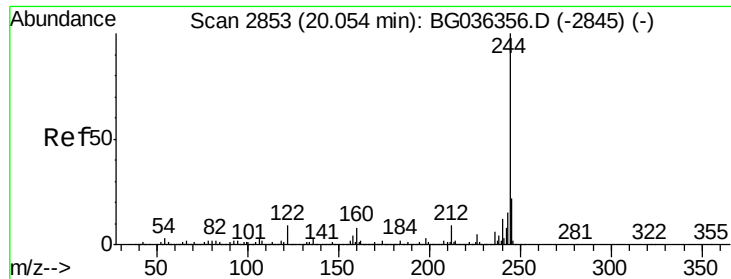
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036774.D
Acq: 18 Sep 2018 5:21

Tgt Ion:240 Resp: 411145
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.0 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

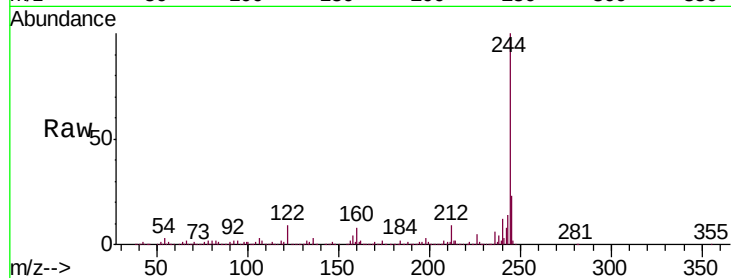




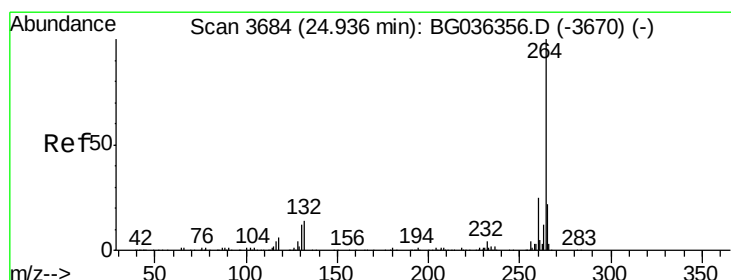
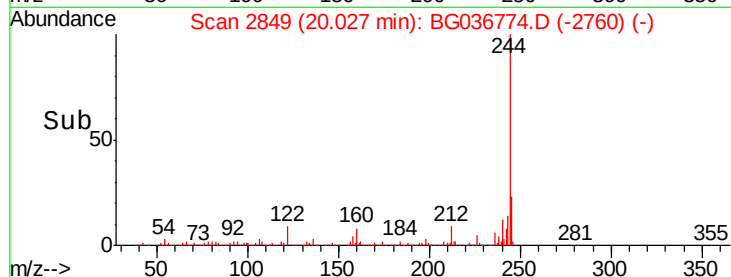
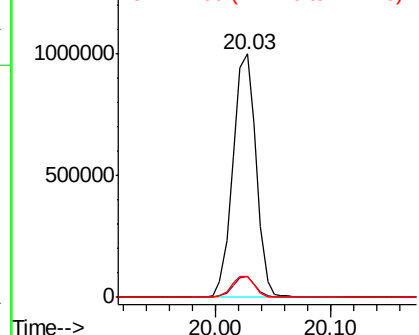
#78
 Terphenyl-d14
 Concen: 79.032 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-091418-B

Tgt Ion:244 Resp: 1390195
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 8.7 7.1 10.7

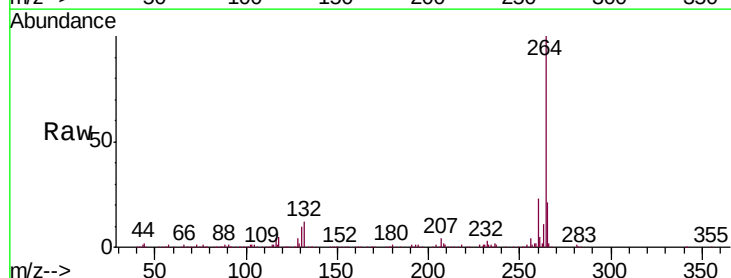


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036774.D
 Acq: 18 Sep 2018 5:21

Tgt Ion:264 Resp: 403314
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 20.8 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

