

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036472.D
 Acq On : 29 Aug 2018 00:12
 Operator : JU/SJ
 Sample : J4280-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-B

Quant Time: Aug 29 01:08:22 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

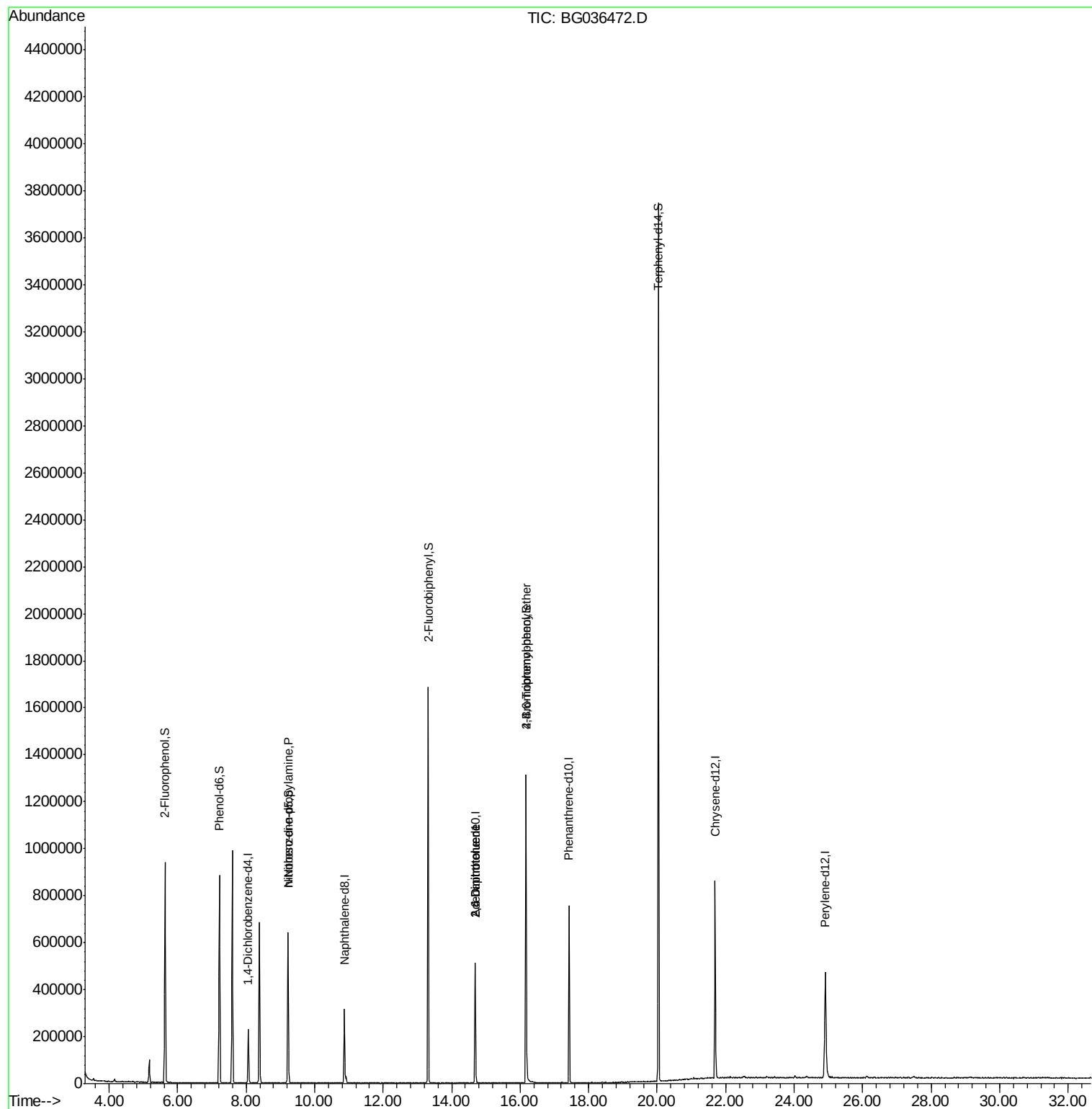
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	65357	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	268382	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	182795	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	483779	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	521849	20.00	ng	-0.02
86) Perylene-d12	24.91	264	521543	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	397984	96.60	ng	0.00
7) Phenol-d6	7.22	99	510347	86.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	385195	77.87	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	252023	115.55	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	886667	69.26	ng	-0.01
78) Terphenyl-d14	20.04	244	1647029	73.77	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	49964	11.333	ng	# 69
50) 2,6-Dinitrotoluene	14.69	165	23566	7.673	ng	# 23
56) 2,4-Dinitrotoluene	14.69	165	23566	5.887	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	18449	3.257	ng	# 1

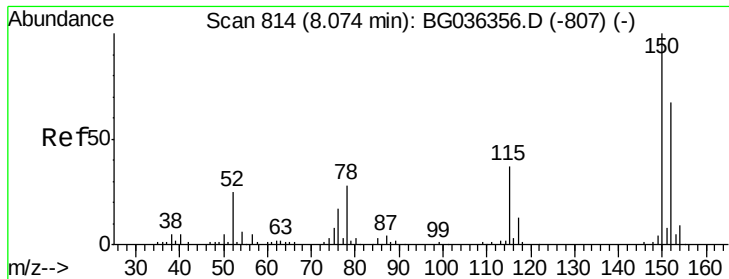
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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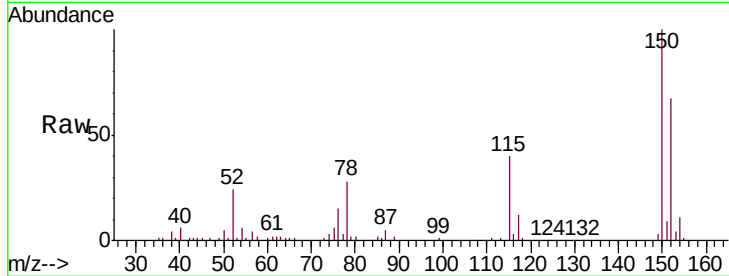


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG036472.D
 Acq: 29 Aug 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.5	179.3
115	60.0	44.5	66.7

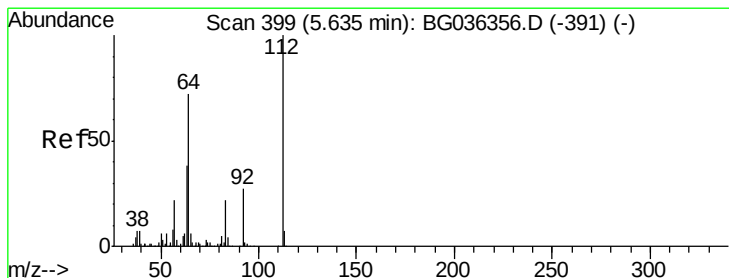
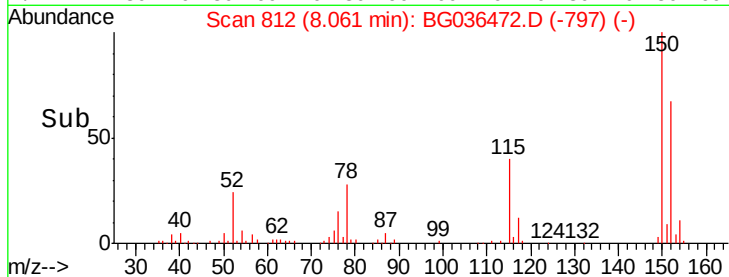
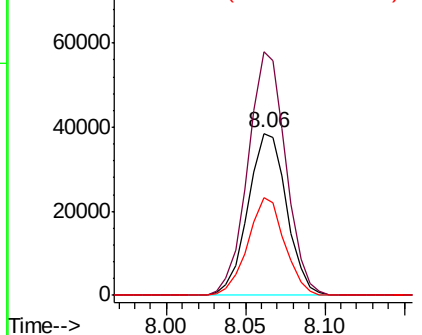


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

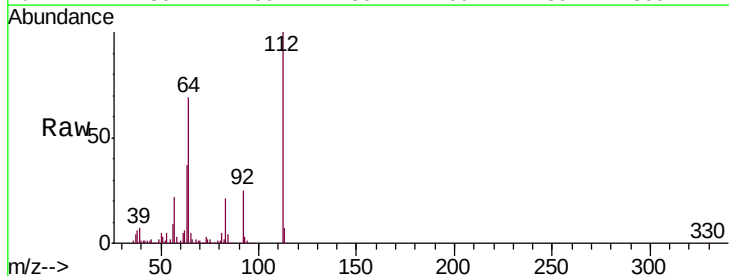
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 96.596 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG036472.D
 Acq: 29 Aug 2018 00:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.2	85.8
63	37.3	30.8	46.2

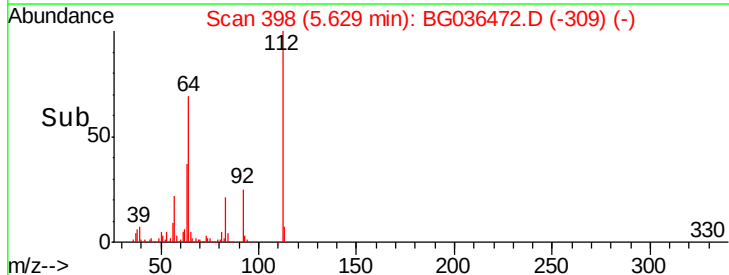
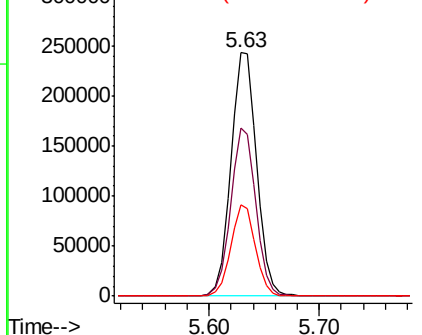


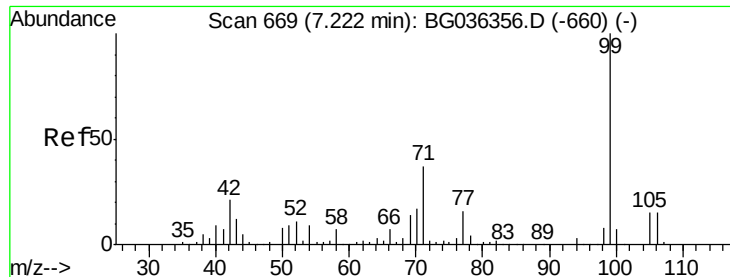
Abundance

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: 86.515 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036472.D

Acq: 29 Aug 2018 00:12

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-B

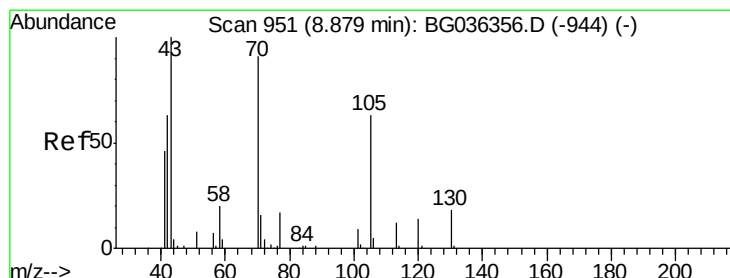
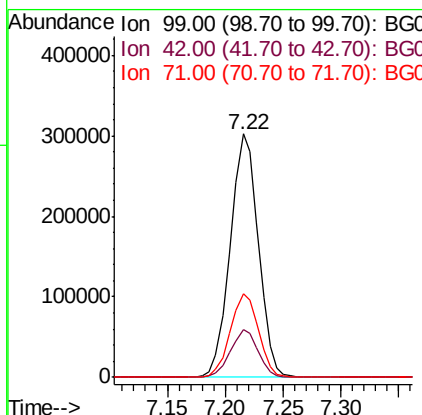
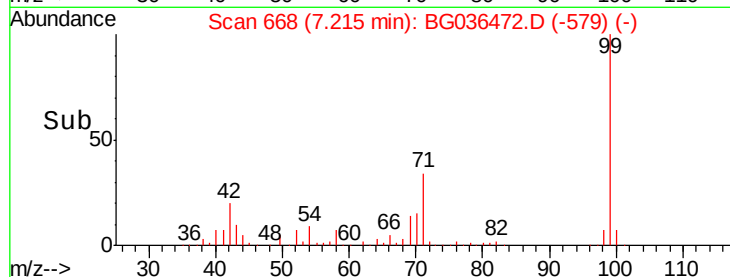
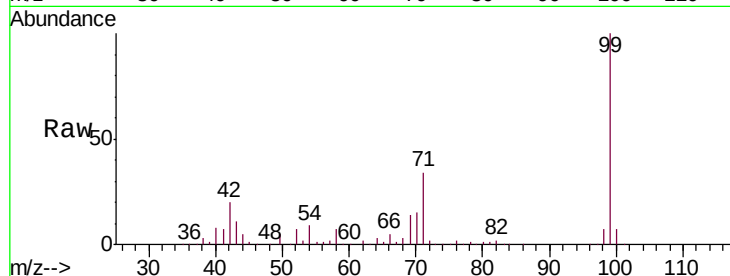
Tgt Ion: 99 Resp: 510347

Ion Ratio Lower Upper

99 100

42 19.6 16.5 24.7

71 34.2 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.333 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036472.D

Acq: 29 Aug 2018 00:12

Tgt Ion: 70 Resp: 49964

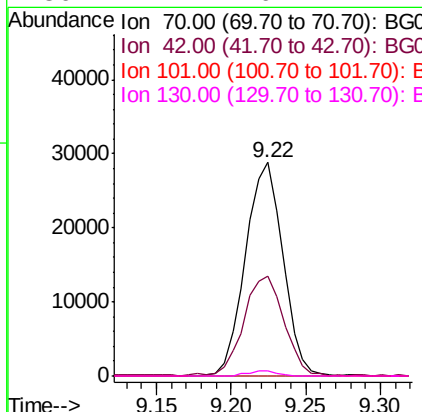
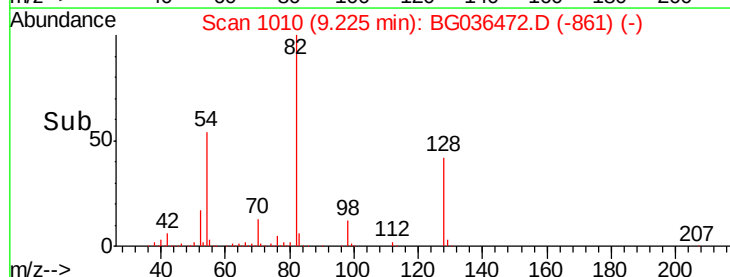
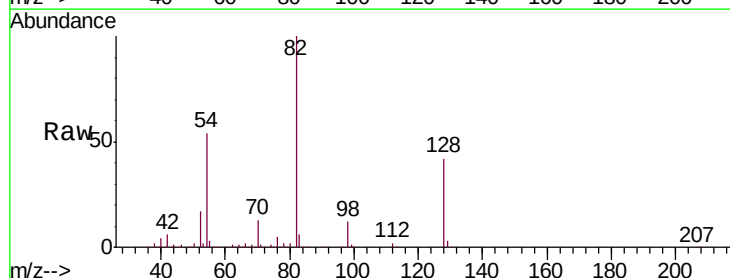
Ion Ratio Lower Upper

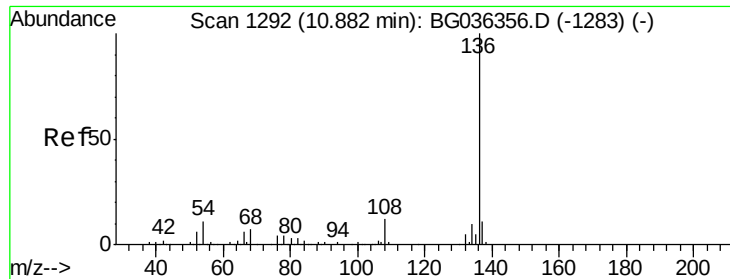
70 100

42 46.7 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 16.2 24.2#

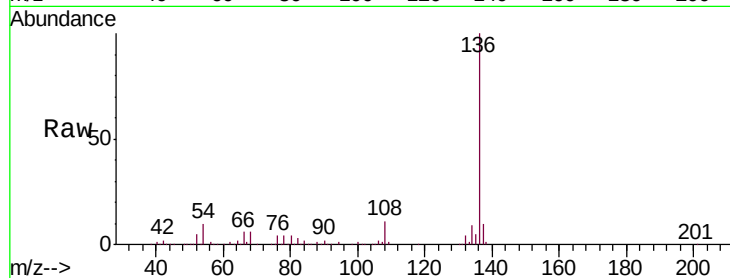




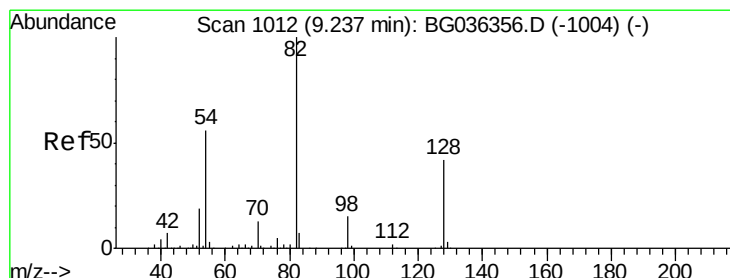
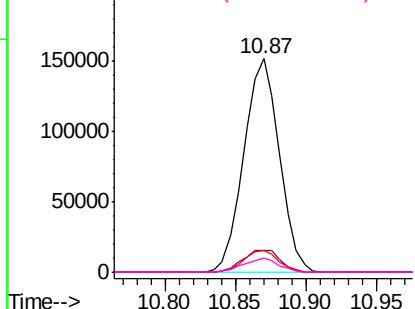
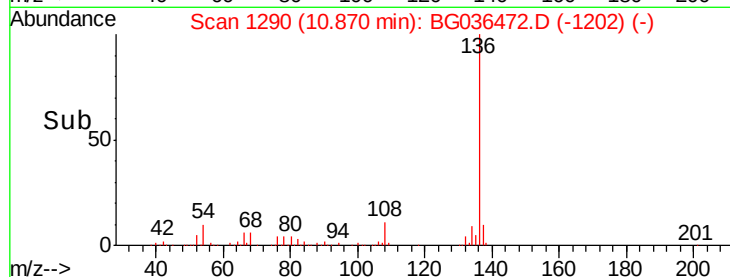
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036472.D
Acq: 29 Aug 2018 00:12

Instrument :
BNA_G
ClientSampleId :
PL-05-082418-B

Tgt Ion:	136	Resp:	268382
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	10.2	9.2	13.8
68	6.3	5.8	8.6

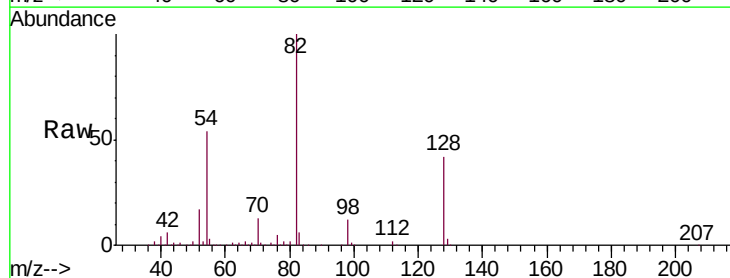


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

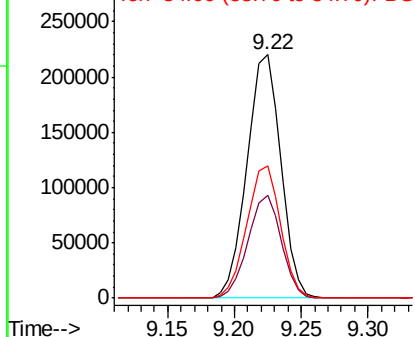
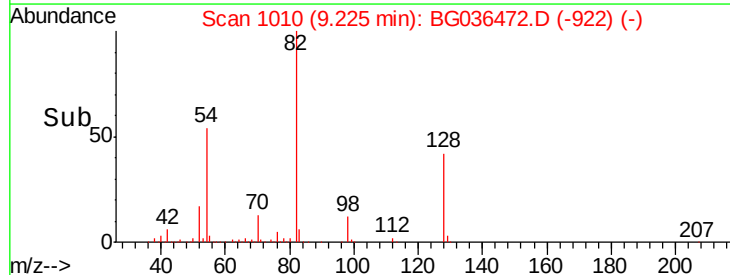


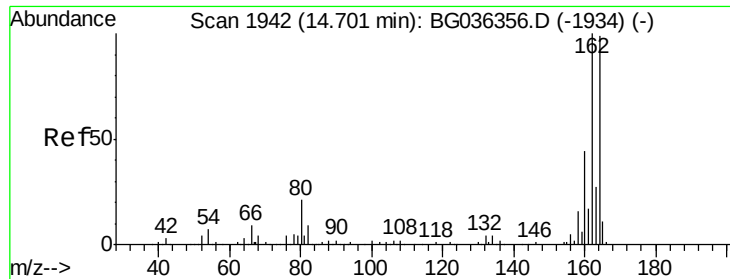
#23
Nitrobenzene-d5
Concen: 77.872 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036472.D
Acq: 29 Aug 2018 00:12

Tgt Ion:	82	Resp:	385195
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.3	49.9
54	54.2	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG036472.D

Acq: 29 Aug 2018 00:12

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-B

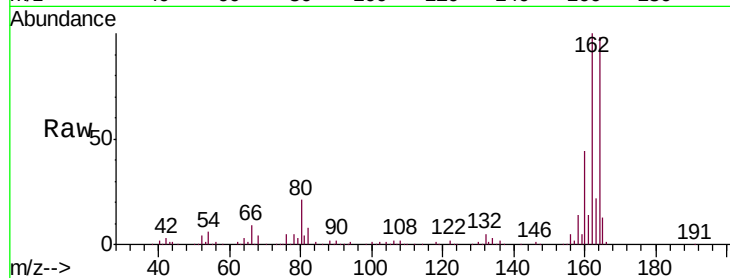
Tgt Ion:164 Resp: 182795

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

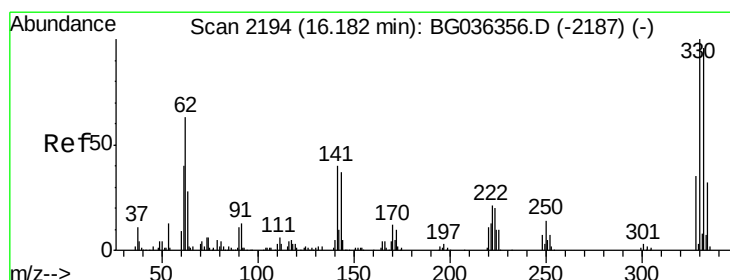
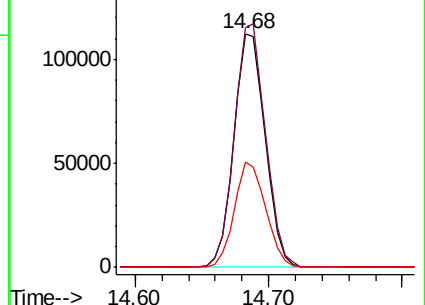
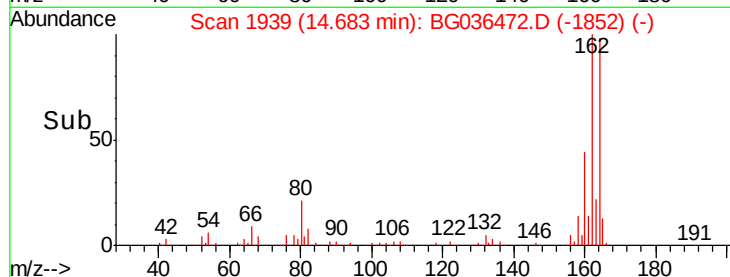
160 45.0 35.3 52.9



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: 115.546 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036472.D

Acq: 29 Aug 2018 00:12

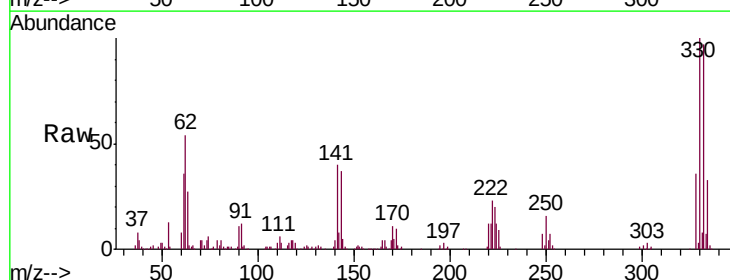
Tgt Ion:330 Resp: 252023

Ion Ratio Lower Upper

330 100

332 98.9 75.4 113.2

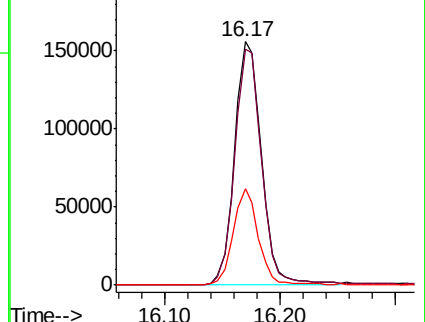
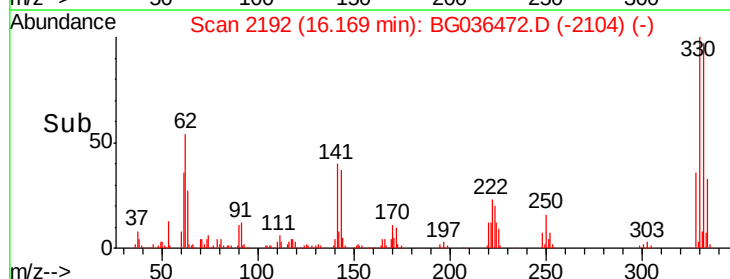
141 37.1 30.7 46.1

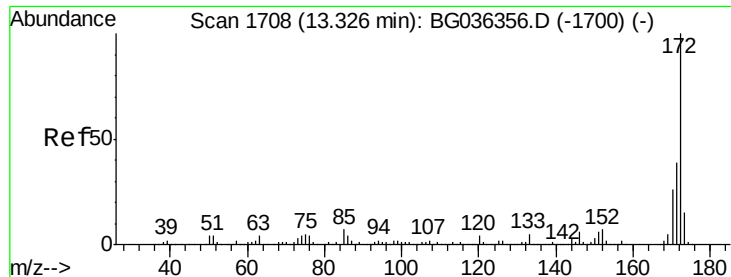


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

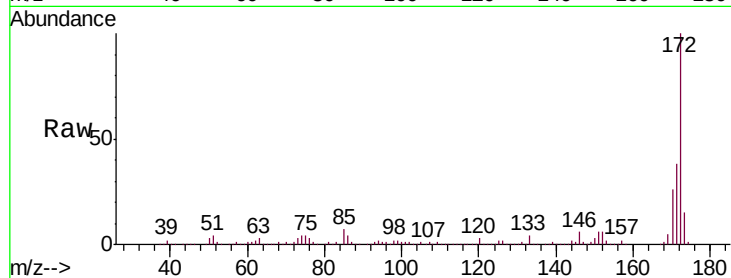




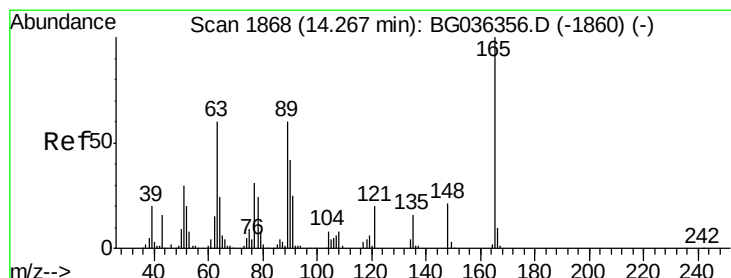
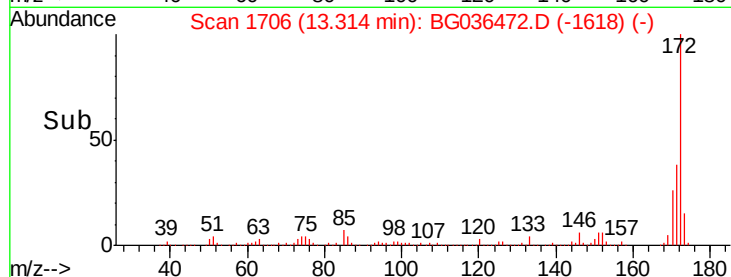
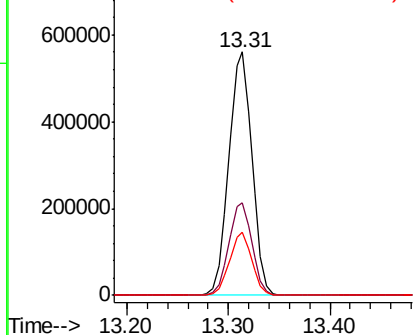
#44
 2-Fluorobiphenyl
 Concen: 69.258 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036472.D
 Acq: 29 Aug 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-B

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.8	21.0	31.6

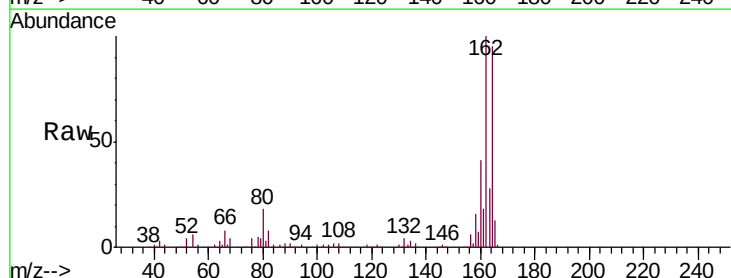


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

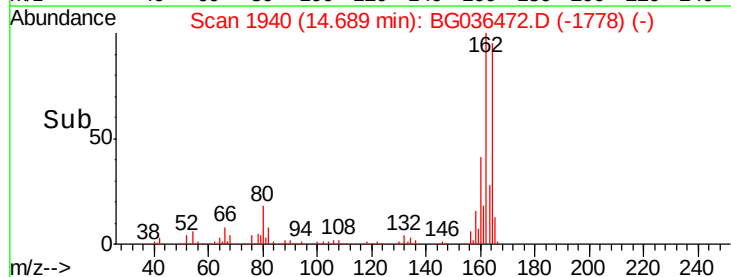
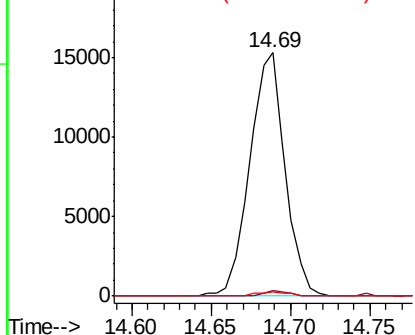


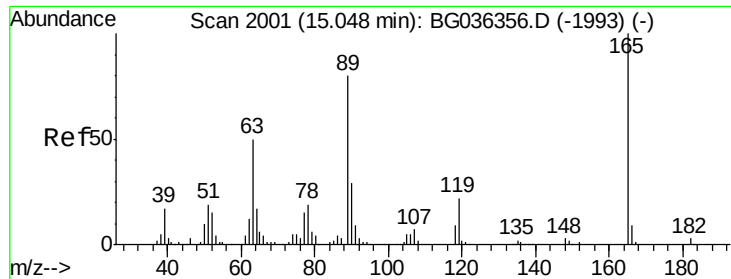
#50
 2,6-Dinitrotoluene
 Concen: 7.673 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036472.D
 Acq: 29 Aug 2018 00:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	50.1	75.1#
89	2.0	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

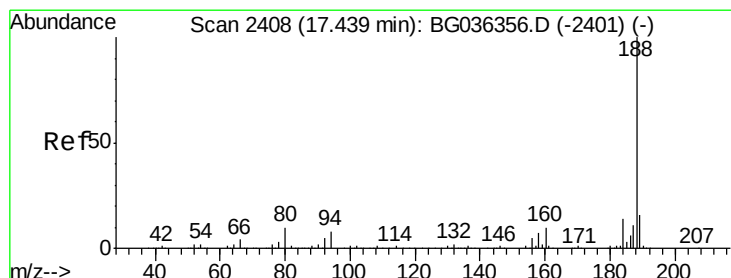
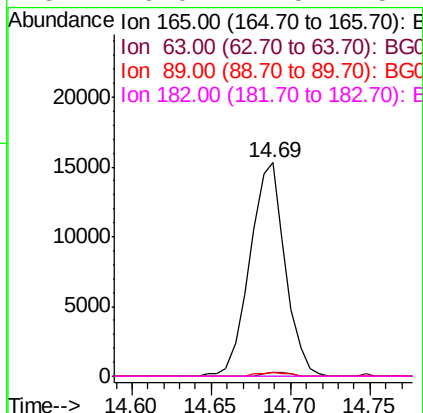
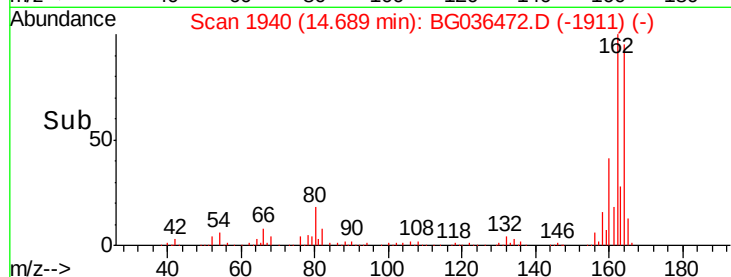
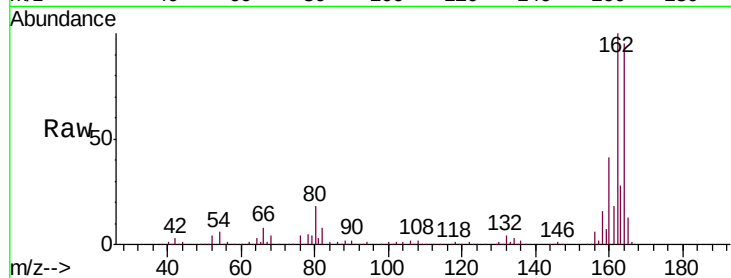




#56
 2,4-Dinitrotoluene
 Concen: 5.887 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036472.D
 Acq: 29 Aug 2018 00:12

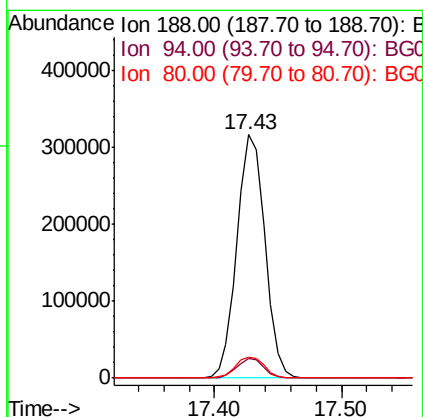
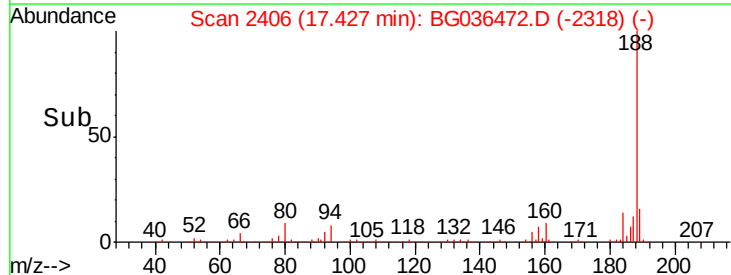
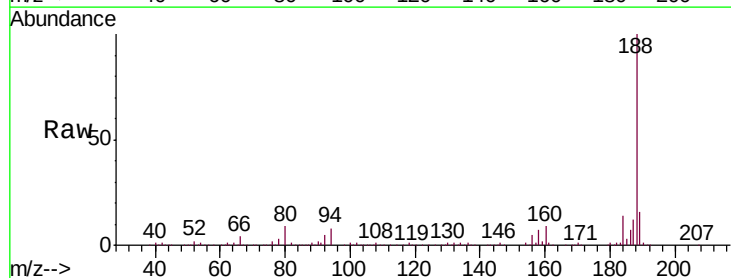
Instrument :
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 PL-05-082418-B

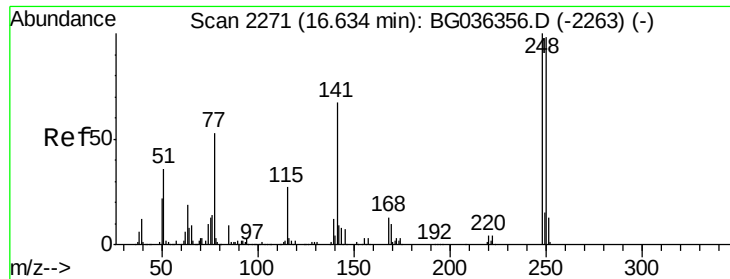
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036472.D
 Acq: 29 Aug 2018 00:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.8	8.1	12.1

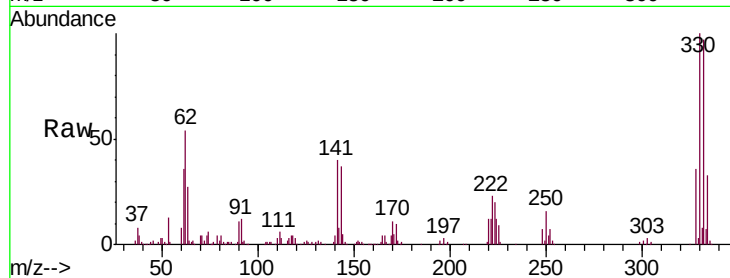




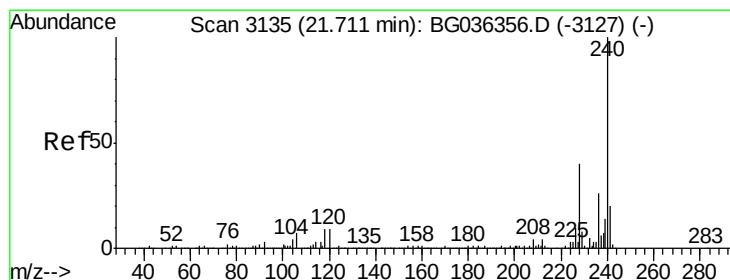
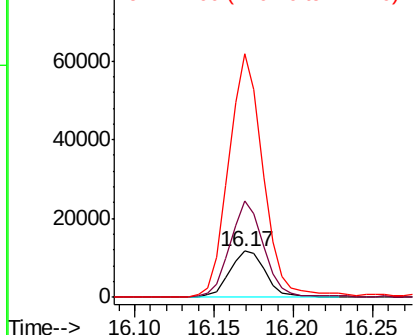
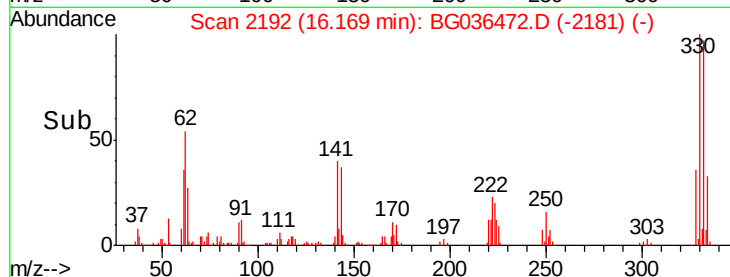
#66
 4-Bromophenyl-phenylether
 Concen: 3.257 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.46 min
 Lab File: BG036472.D
 Acq: 29 Aug 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-B

Tgt Ion:248 Resp: 18449
 Ion Ratio Lower Upper
 248 100
 250 209.8 78.1 117.1#
 141 528.7 53.7 80.5#

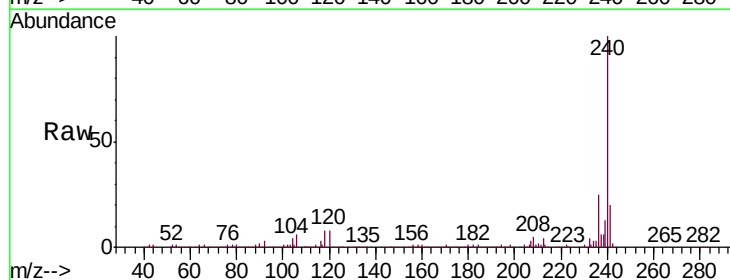


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

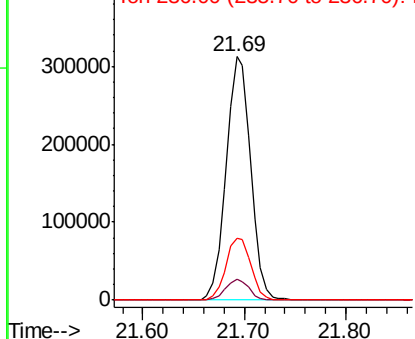
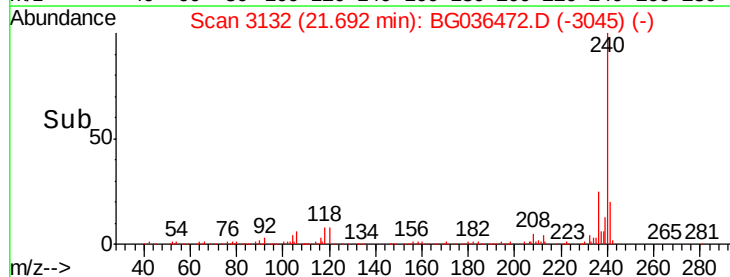


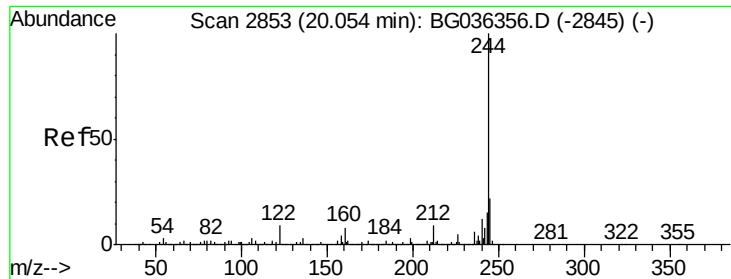
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036472.D
 Acq: 29 Aug 2018 00:12

Tgt Ion:240 Resp: 521849
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 25.5 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: 73.770 ng

RT: 20.04 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG036472.D

Acq: 29 Aug 2018 00:12

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-B

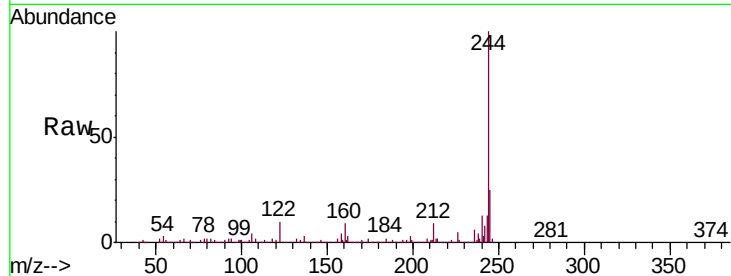
Tgt Ion:244 Resp: 1647029

Ion Ratio Lower Upper

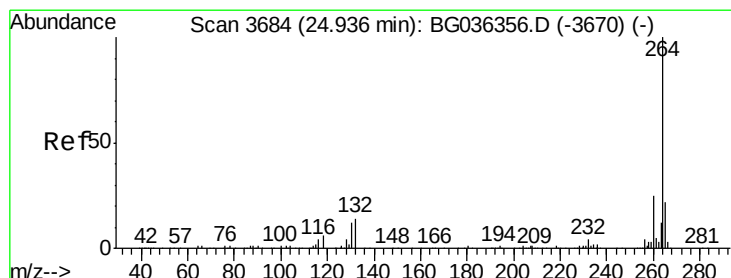
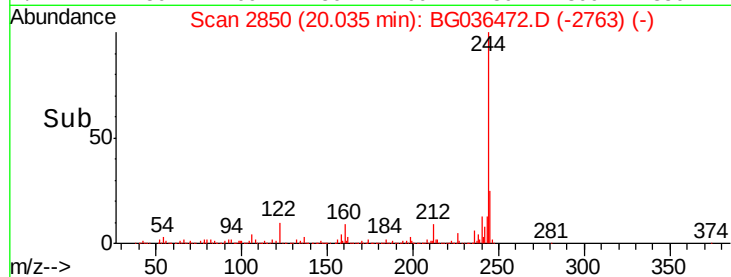
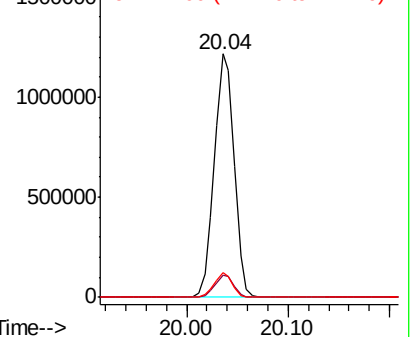
244 100

212 9.3 7.0 10.6

122 10.0 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: 24.91 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG036472.D

Acq: 29 Aug 2018 00:12

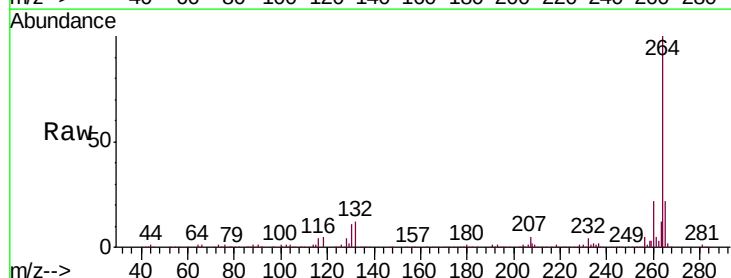
Tgt Ion:264 Resp: 521543

Ion Ratio Lower Upper

264 100

260 22.4 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

