

Data File : BG036616.D
Acq On : 8 Sep 2018 4:05
Operator : JU/SJ
Sample : J4809-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MS-DRUM-1-STONE

Quant Time: Sep 08 04:38:19 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	57341	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	239663	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	161371	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	408100	20.00	ng	0.00
75) Chrysene-d12	21.69	240	427849	20.00	ng	0.00
86) Perylene-d12	24.90	264	397817	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	371999	102.91	ng	0.00
7) Phenol-d6	7.21	99	466262	90.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	372622	84.36	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	242144	125.76	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	857440	75.87	ng	0.00
78) Terphenyl-d14	20.03	244	1478392	80.76	ng	0.00

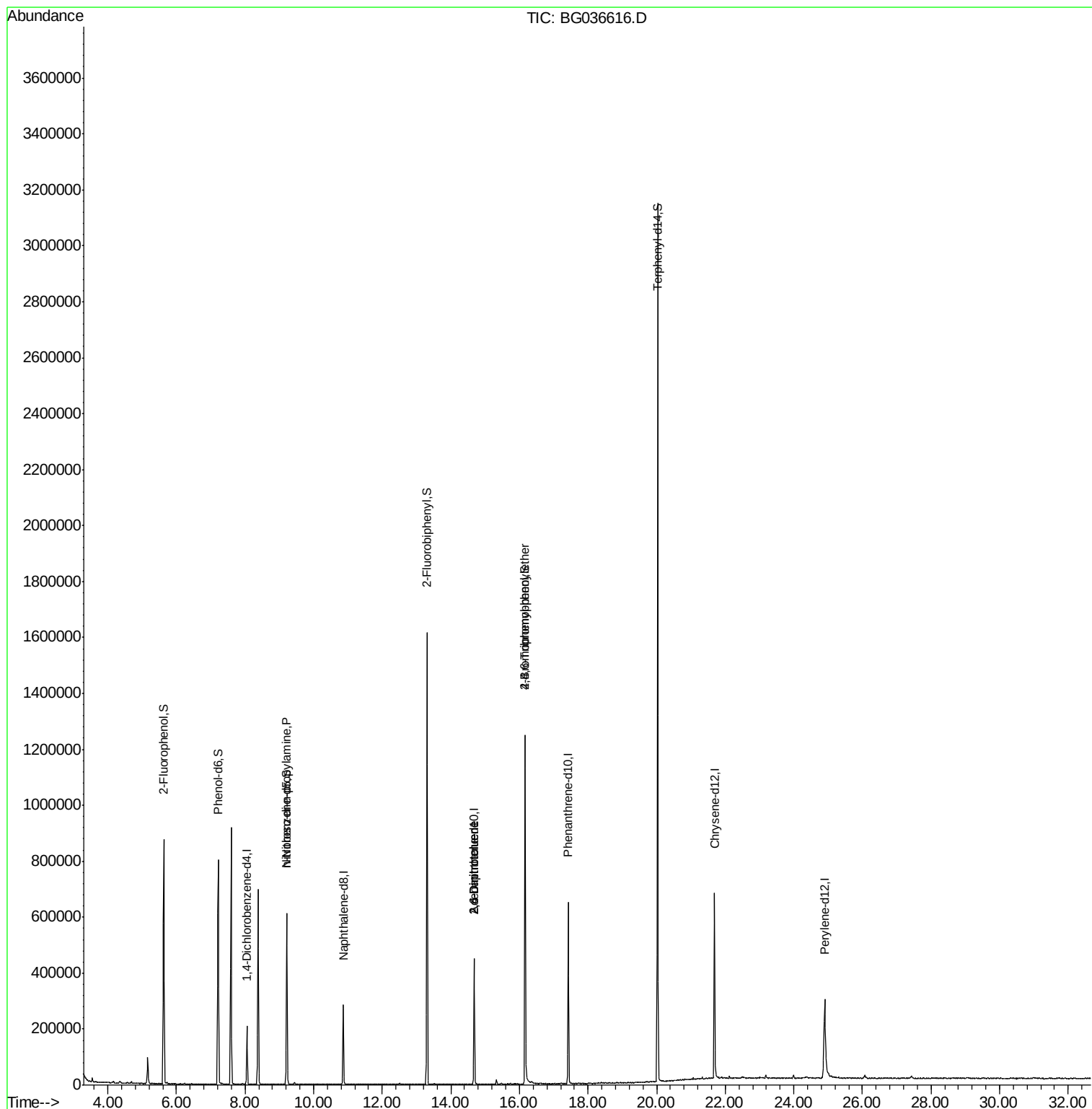
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	9.22	70	48563	12.555	ng	# 75
50) 2,6-Dinitrotoluene	14.68	165	21126	7.791	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	21126	5.978	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	17294	3.619	ng	# 1

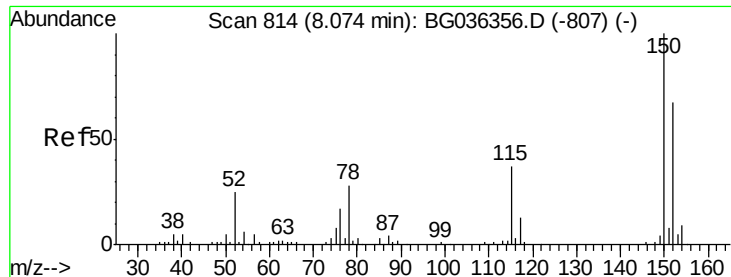
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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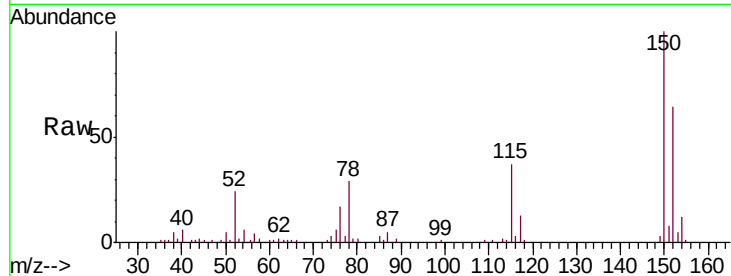


#1

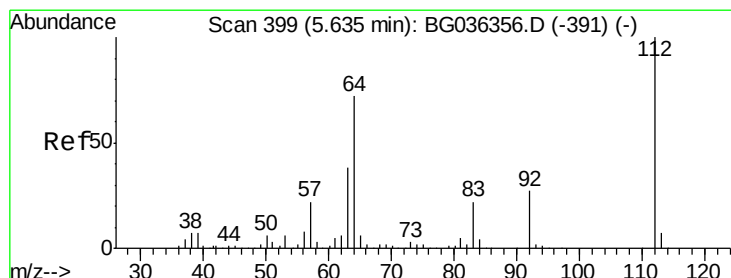
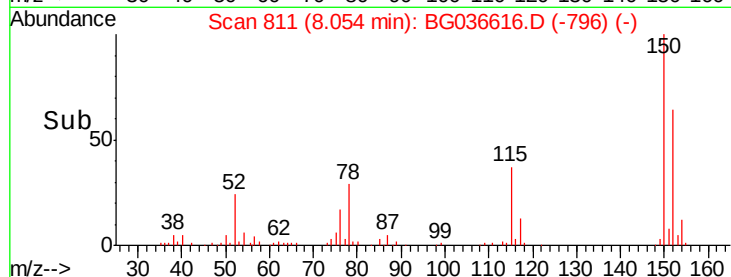
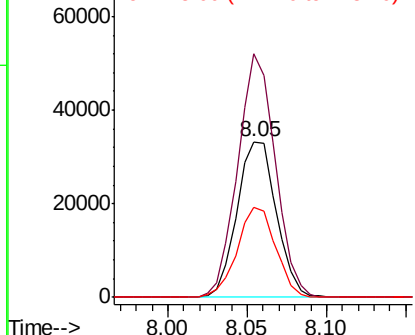
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036616.D
Acq: 8 Sep 2018 4:05

Instrument :
BNA_G
ClientSampleId :
MS-DRUM-1-STONE

Tgt Ion:152 Resp: 57341
Ion Ratio Lower Upper
152 100
150 156.8 119.5 179.3
115 58.1 44.5 66.7



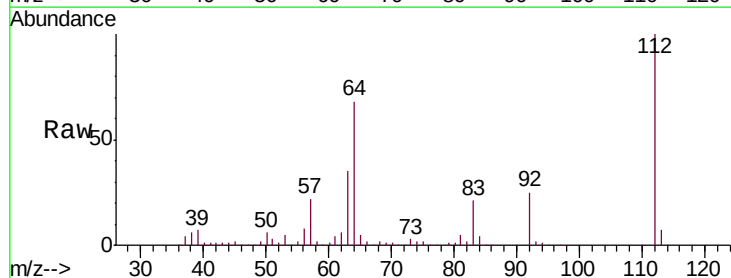
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



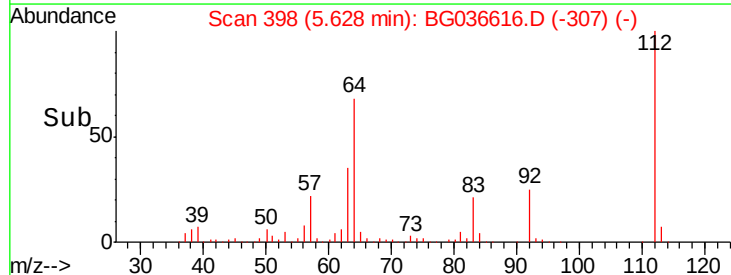
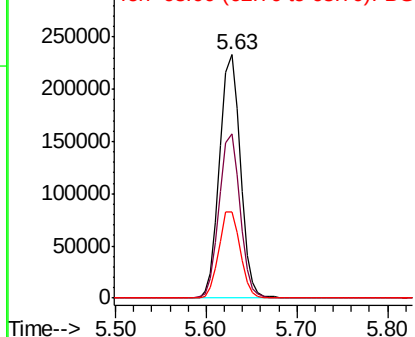
#5

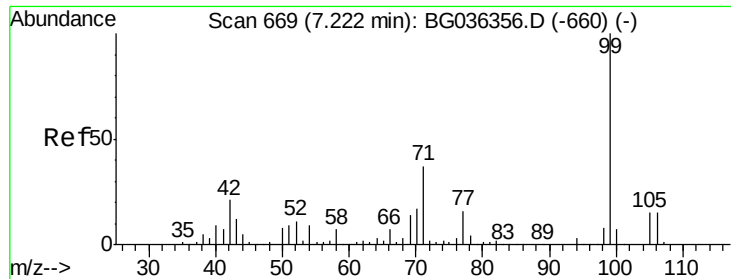
2-Fluorophenol
Concen: 102.911 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036616.D
Acq: 8 Sep 2018 4:05

Tgt Ion:112 Resp: 371999
Ion Ratio Lower Upper
112 100
64 67.7 57.2 85.8
63 35.2 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 90.091 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036616.D

Acq: 8 Sep 2018 4:05

Instrument :

BNA_G

ClientSampleId :

MS-DRUM-1-STONE

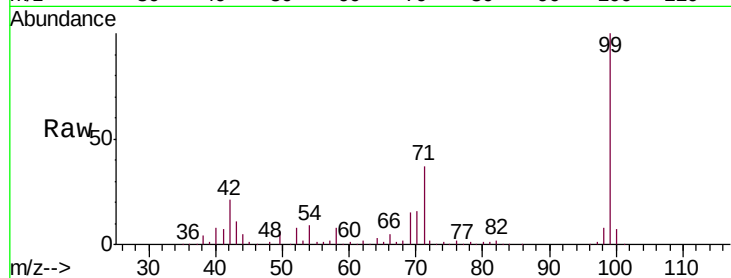
Tgt Ion: 99 Resp: 466262

Ion Ratio Lower Upper

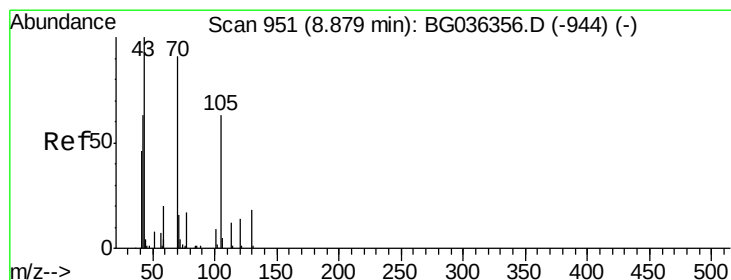
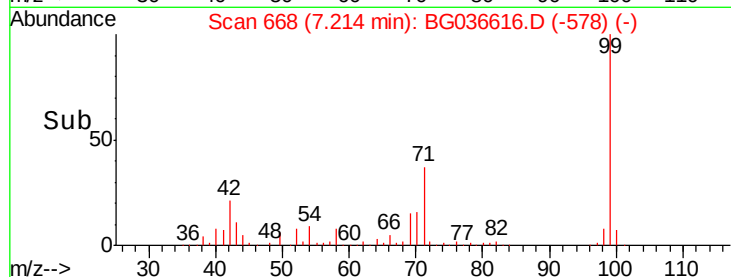
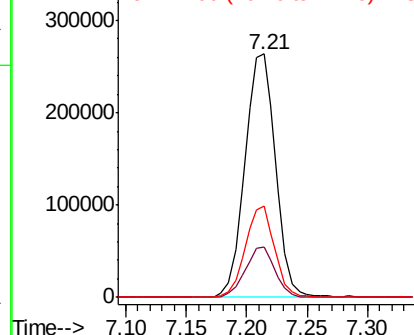
99 100

42 20.6 16.5 24.7

71 37.3 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: 12.555 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036616.D

Acq: 8 Sep 2018 4:05

Tgt Ion: 70 Resp: 48563

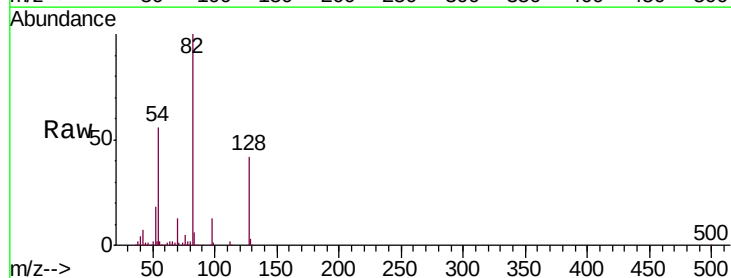
Ion Ratio Lower Upper

70 100

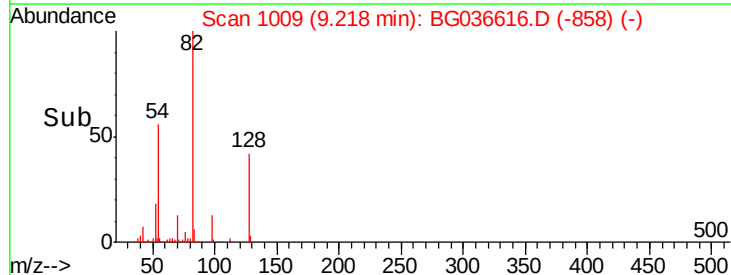
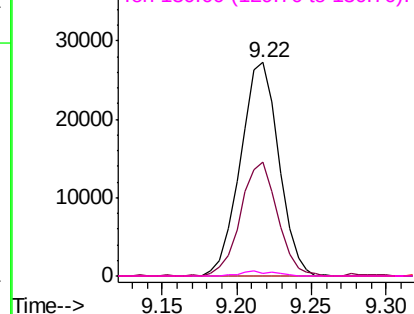
42 53.4 56.2 84.4#

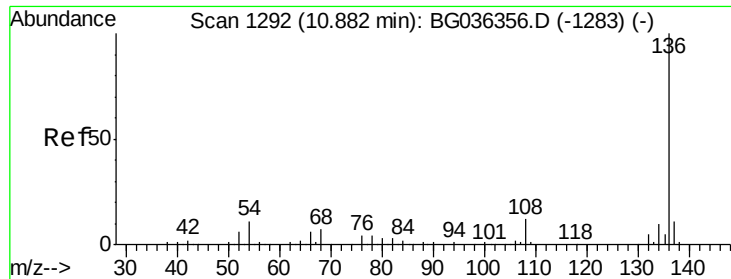
101 0.0 7.8 11.6#

130 1.4 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

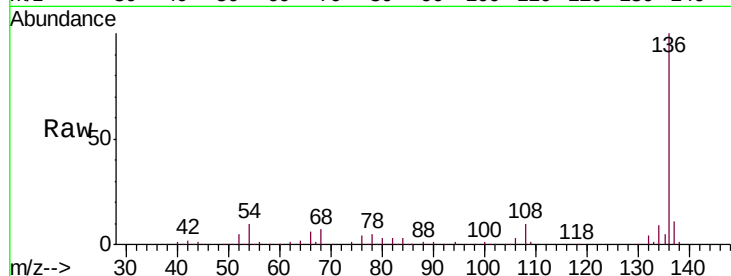




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036616.D
Acq: 8 Sep 2018 4:05

Instrument :
BNA_G
ClientSampleId :
MS-DRUM-1-STONE

Tgt Ion:	136	Resp:	239663
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.3	9.2	13.8
68	6.7	5.8	8.6



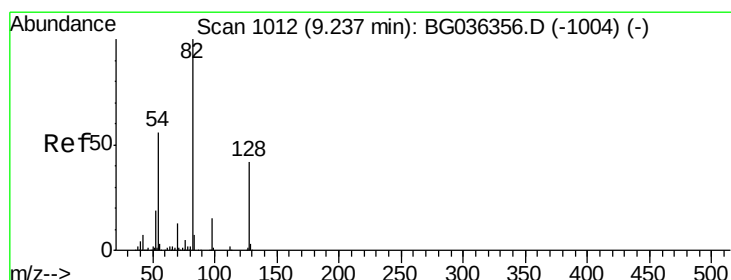
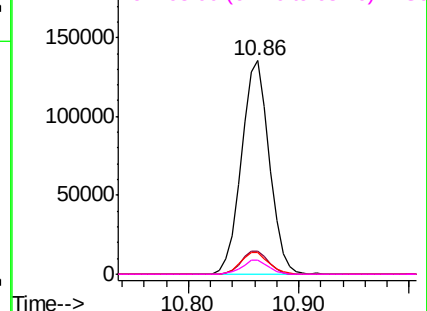
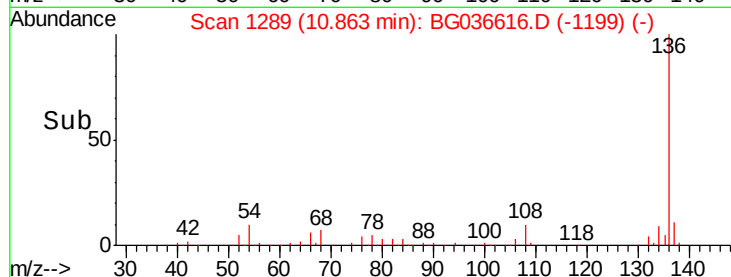
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

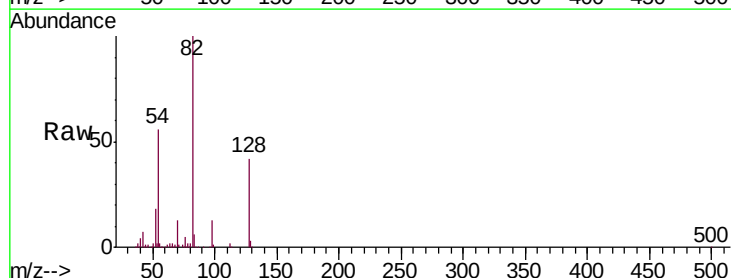
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 84.357 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036616.D
Acq: 8 Sep 2018 4:05

Tgt Ion:	82	Resp:	372622
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	56.0	45.1	67.7

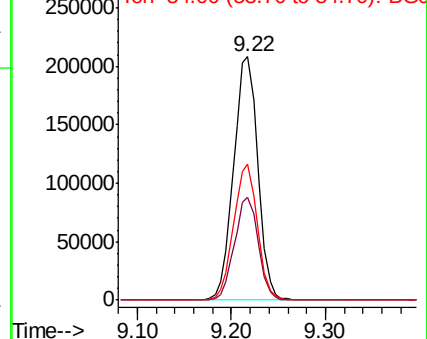
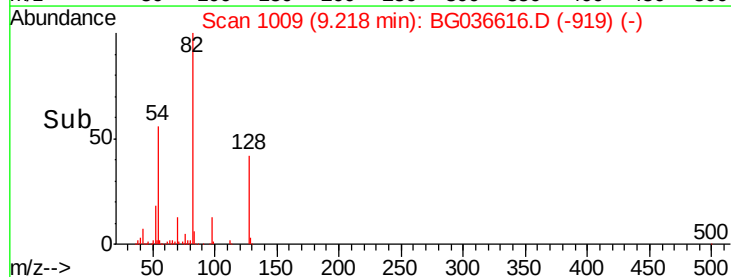


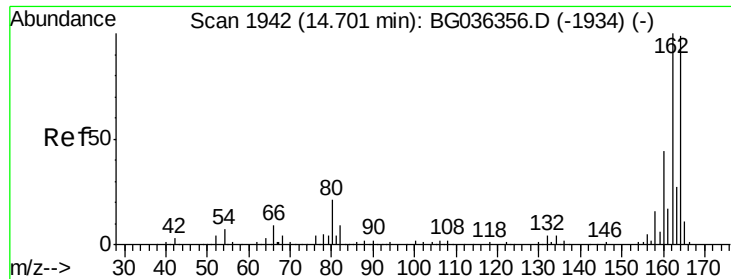
Abundance

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. -0.00 min

Lab File: BG036616.D

Acq: 8 Sep 2018 4:05

Instrument :

BNA_G

ClientSampleId :

MS-DRUM-1-STONE

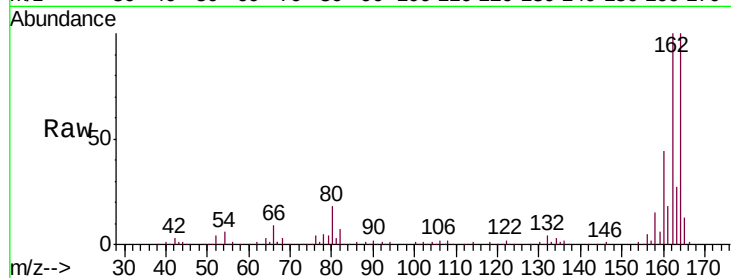
Tgt Ion:164 Resp: 161371

Ion Ratio Lower Upper

164 100

162 100.0 80.7 121.1

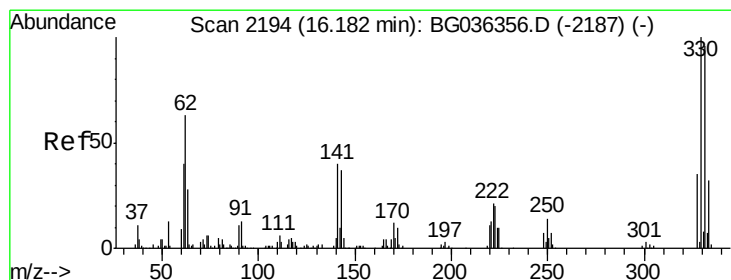
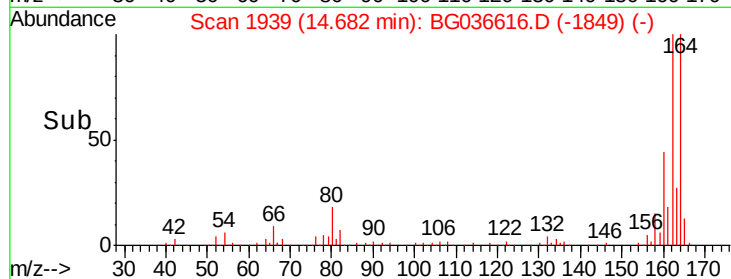
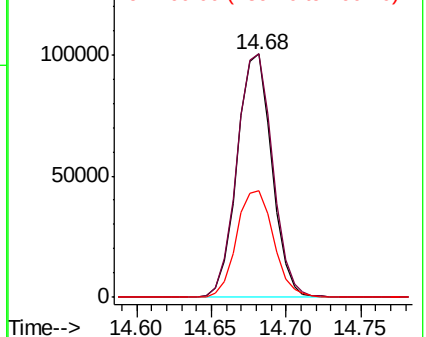
160 43.8 35.3 52.9



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: 125.755 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036616.D

Acq: 8 Sep 2018 4:05

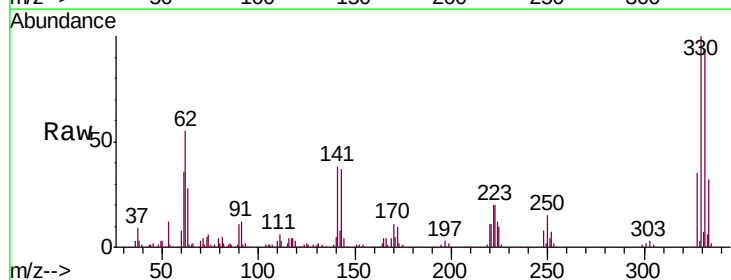
Tgt Ion:330 Resp: 242144

Ion Ratio Lower Upper

330 100

332 95.2 75.4 113.2

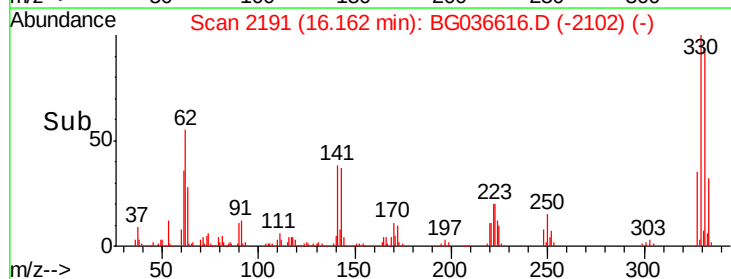
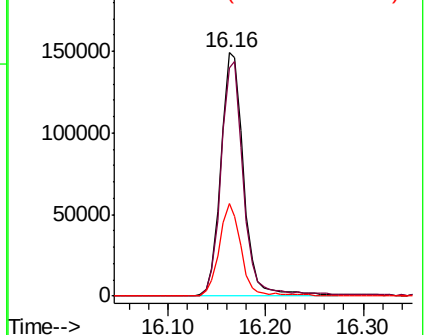
141 36.6 30.7 46.1

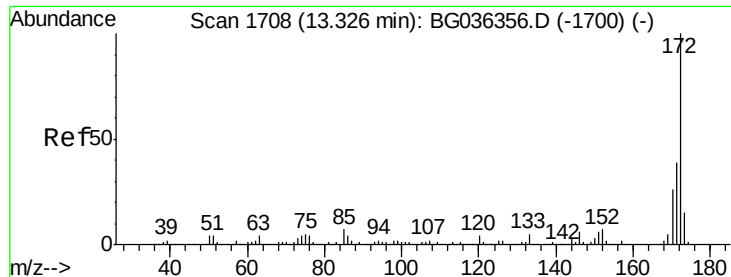


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

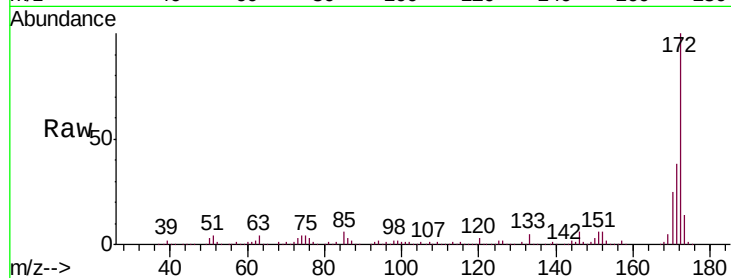




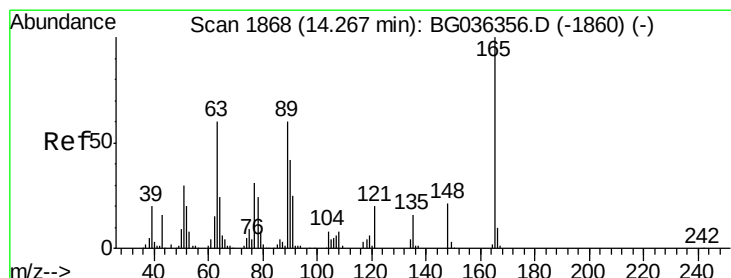
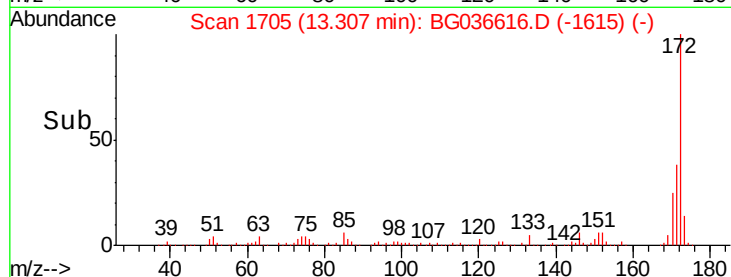
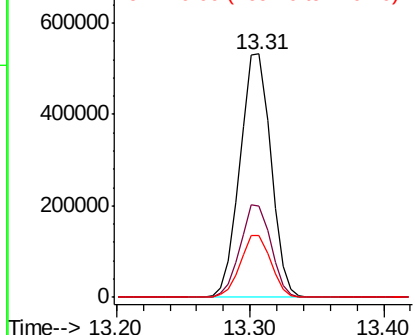
#44
 2-Fluorobiphenyl
 Concen: 75.867 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036616.D
 Acq: 8 Sep 2018 4:05

Instrument :
 BNA_G
 ClientSampleId :
 MS-DRUM-1-STONE

Tgt Ion:172 Resp: 857440
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.3 46.9
 170 25.3 21.0 31.6

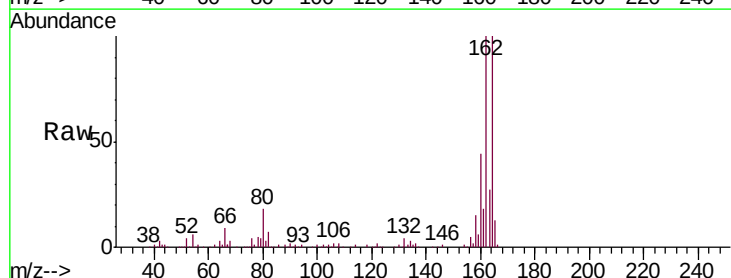


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

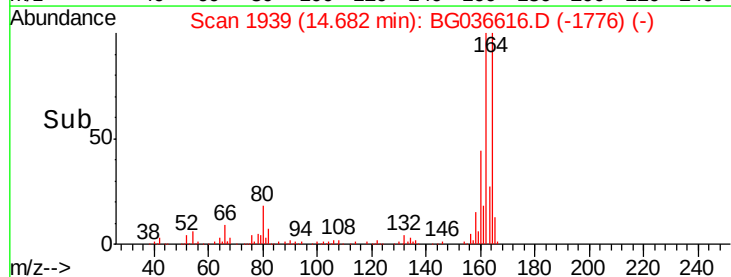
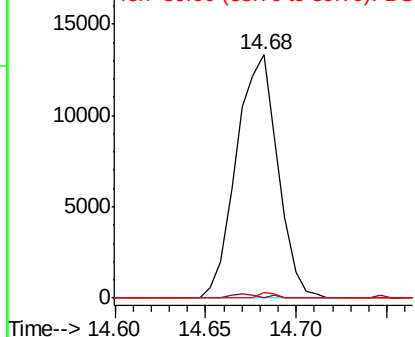


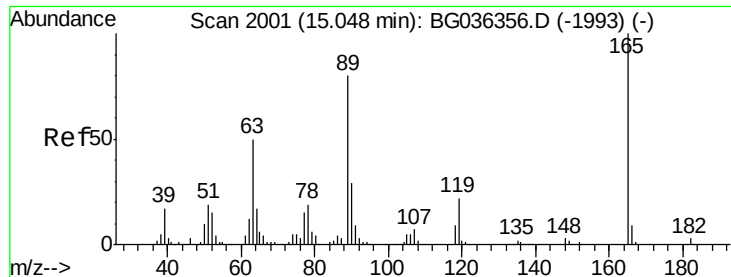
#50
 2,6-Dinitrotoluene
 Concen: 7.791 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.43 min
 Lab File: BG036616.D
 Acq: 8 Sep 2018 4:05

Tgt Ion:165 Resp: 21126
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 2.3 47.8 71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

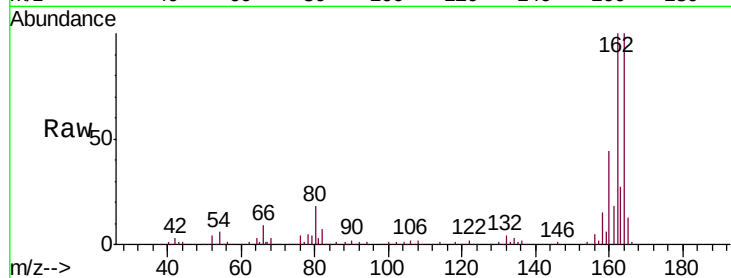




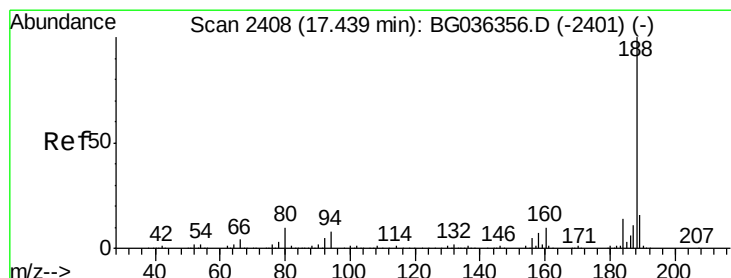
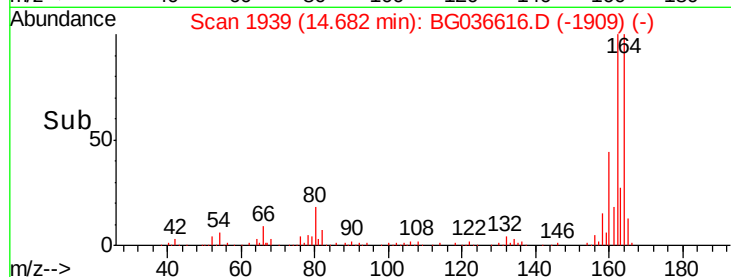
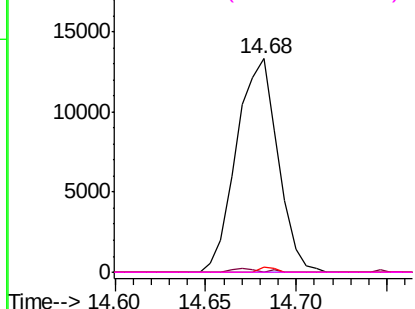
#56
 2,4-Dinitrotoluene
 Concen: 5.978 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036616.D
 Acq: 8 Sep 2018 4:05

Instrument :
 BNA_G
 ClientSampleId :
 MS-DRUM-1-STONE

Tgt Ion:	165	Resp:	21126
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.3	63.7	95.5#
182	0.0	2.5	3.7#

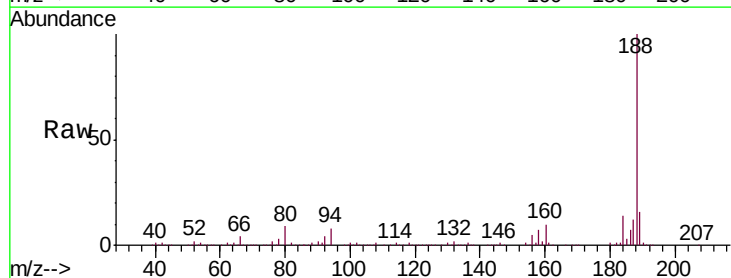


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

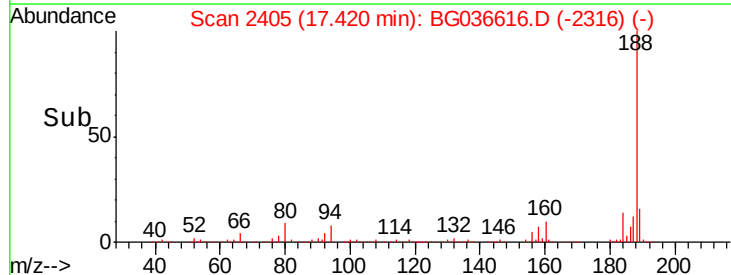
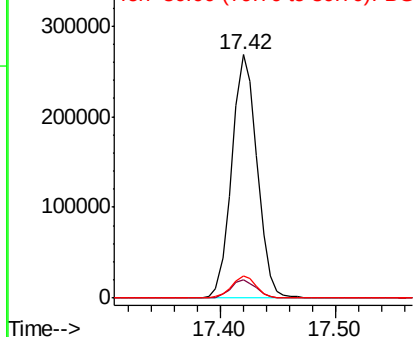


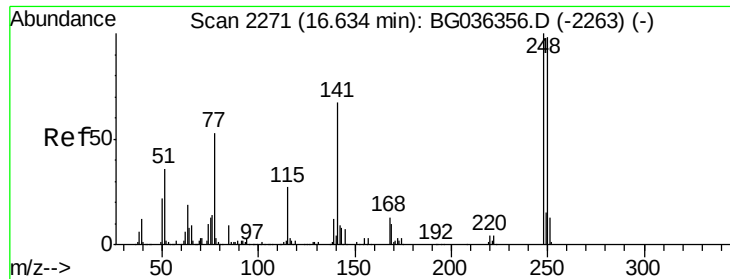
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036616.D
 Acq: 8 Sep 2018 4:05

Tgt Ion:	188	Resp:	408100
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.1	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

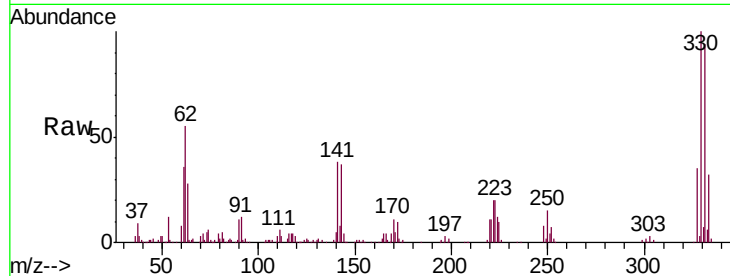




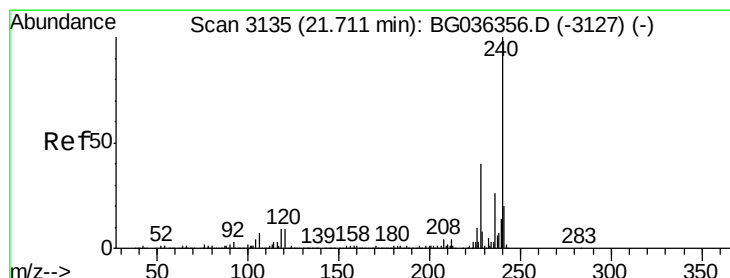
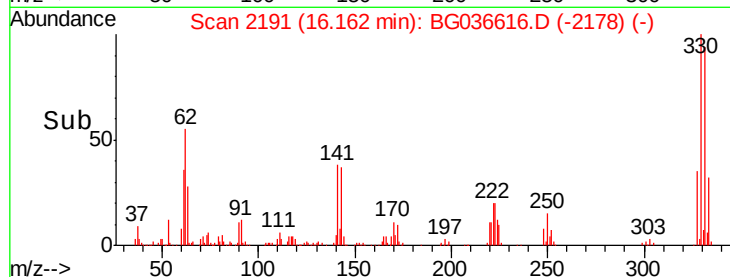
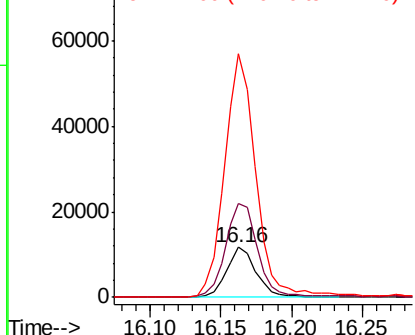
#66
 4-Bromophenyl-phenylether
 Concen: 3.619 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036616.D
 Acq: 8 Sep 2018 4:05

Instrument :
 BNA_G
 ClientSampleId :
 MS-DRUM-1-STONE

Tgt Ion: 248 Resp: 17294
 Ion Ratio Lower Upper
 248 100
 250 188.2 78.1 117.1#
 141 486.1 53.7 80.5#

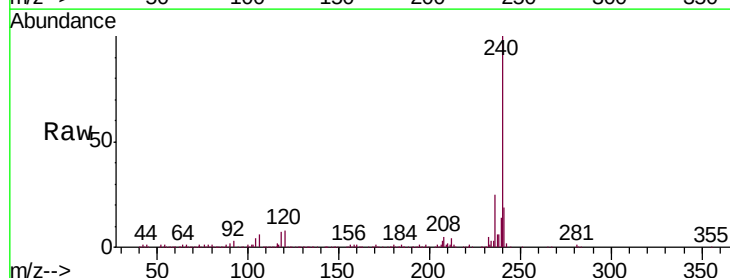


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

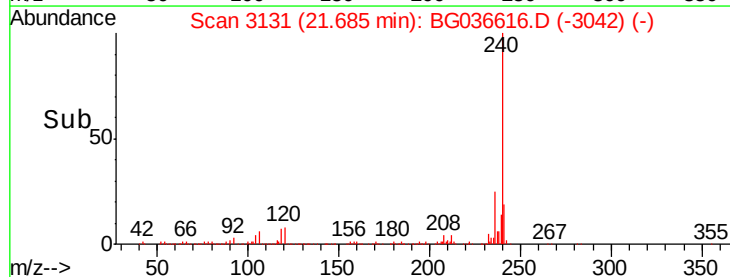
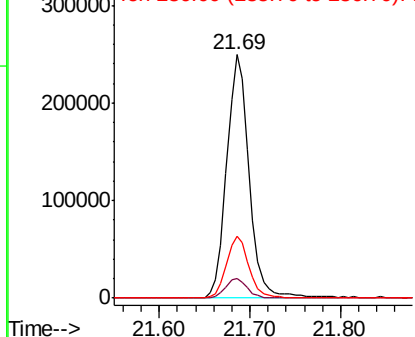


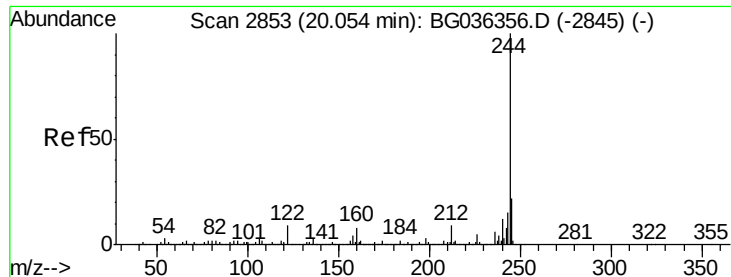
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036616.D
 Acq: 8 Sep 2018 4:05

Tgt Ion: 240 Resp: 427849
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.9 10.3
 236 25.2 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: 80.765 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036616.D

Acq: 8 Sep 2018 4:05

Instrument :

BNA_G

ClientSampleId :

MS-DRUM-1-STONE

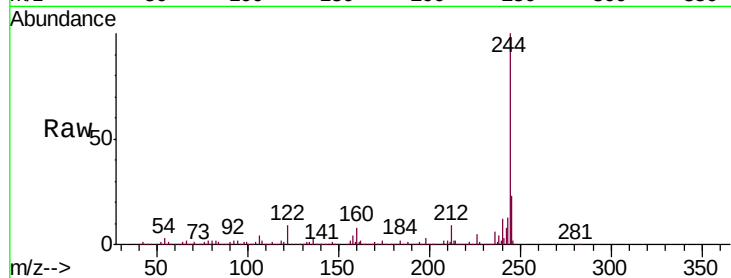
Tgt Ion:244 Resp: 1478392

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

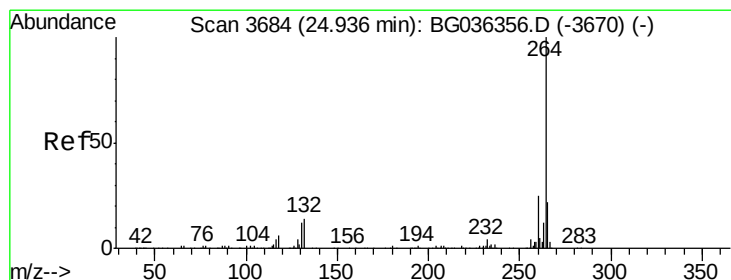
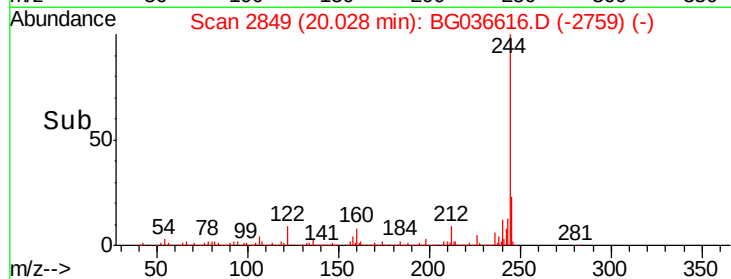
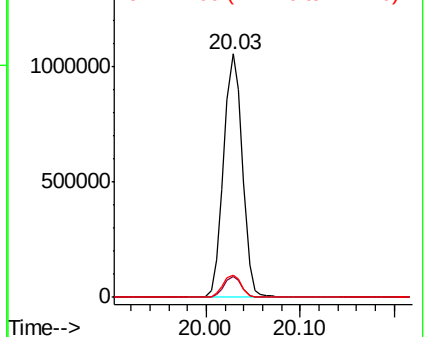
122 9.3 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036616.D

Acq: 8 Sep 2018 4:05

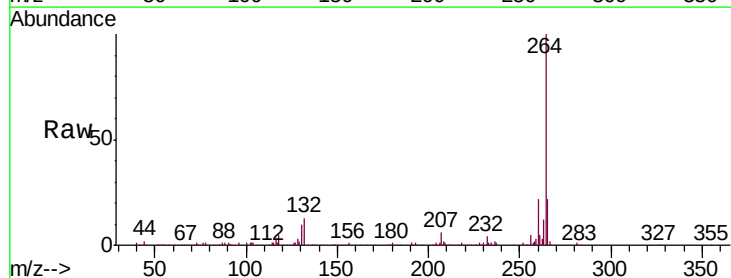
Tgt Ion:264 Resp: 397817

Ion Ratio Lower Upper

264 100

260 22.3 19.6 29.4

265 22.3 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

