

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041672.D
 Acq On : 16 Jul 2019 17:38
 Operator : HP/JU
 Sample : K3623-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 17 01:39:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

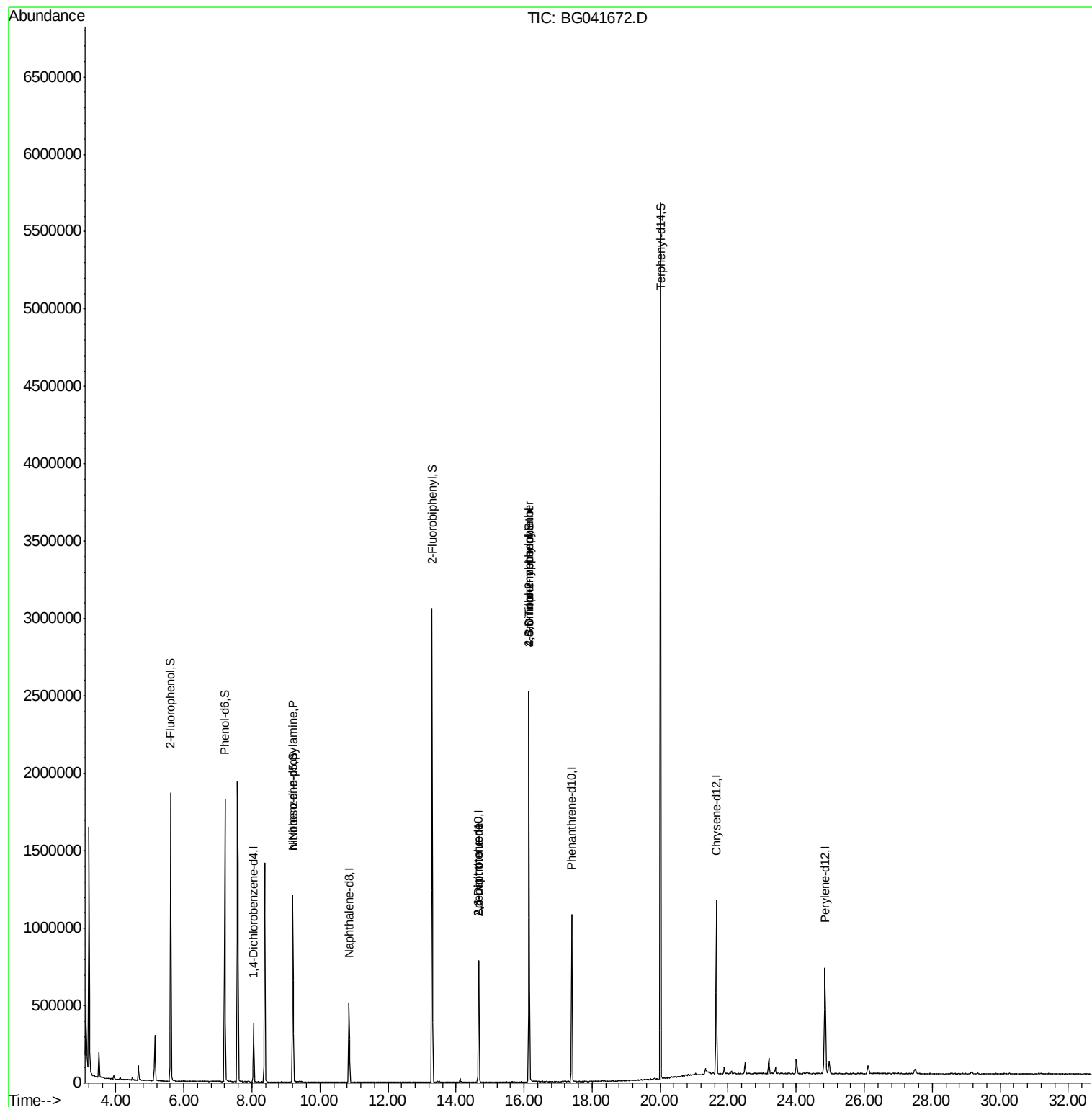
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	107595	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	453862	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	279633	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	670522	20.00	ng	0.00
76) Chrysene-d12	21.65	240	641689	20.00	ng	-0.01
87) Perylene-d12	24.85	264	720675	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	780460	118.58	ng	0.00
7) Phenol-d6	7.20	99	1020781	115.31	ng	0.00
23) Nitrobenzene-d5	9.21	82	698367	93.58	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	439894	139.59	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1599776	88.59	ng	0.00
79) Terphenyl-d14	20.01	244	2408177	87.70	ng	0.00
Target Compounds						
9) Benzaldehyde	7.20	77	1812	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	95857	14.814 ng	#	3
51) 2,6-Dinitrotoluene	14.66	165	35502	7.621 ng	#	74
57) 2,4-Dinitrotoluene	14.66	165	35502	5.765 ng	#	26
65) 4,6-Dinitro-2-methylphenol	16.14	198	1552	7.094 ng	#	28
67) 4-Bromophenyl-phenylether	16.15	248	35016	4.389 ng	#	1

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

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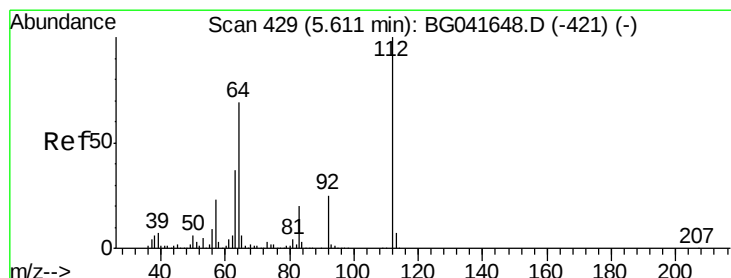
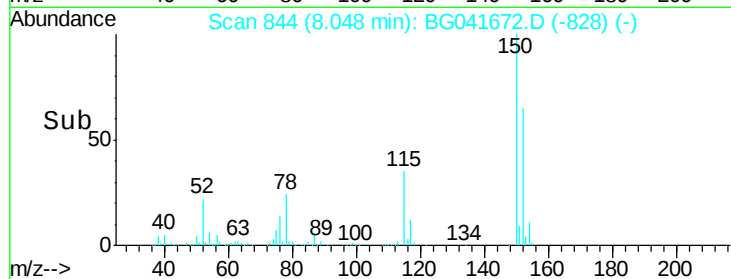
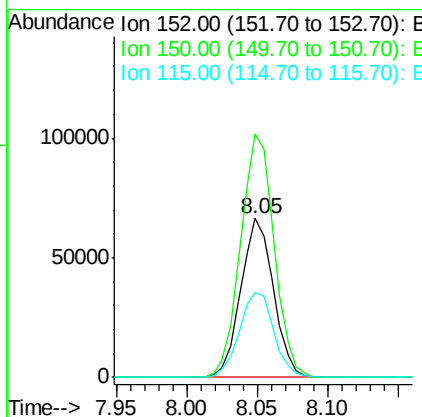
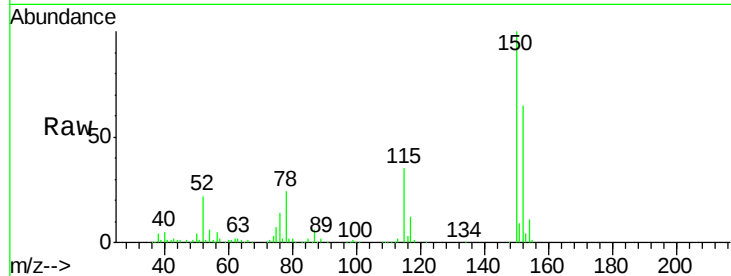


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

Instrument :
BNA_G
ClientSampleId :

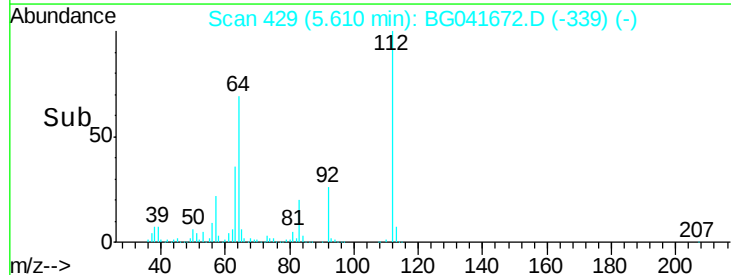
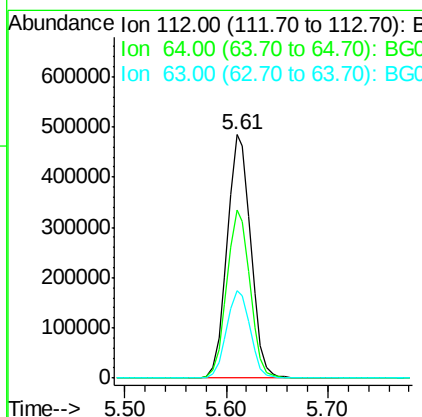
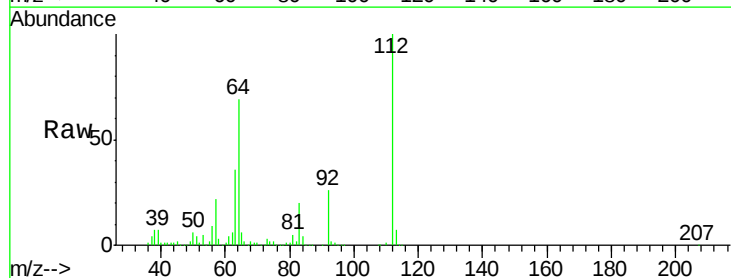
Tot Ion	152	Resp	107595
Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.9	190.3
115	53.2	45.0	67.6

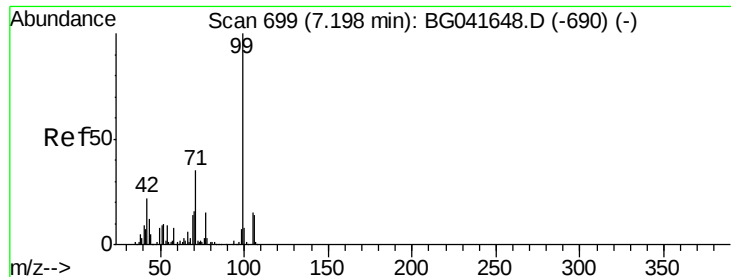


#5

2-Fluorophenol
Concen: 118.579 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

Tgt Ion	112	Resp	780460
Ion	Ratio	Lower	Upper
112	100		
64	68.9	55.4	83.2
63	36.2	29.1	43.7





#7

Phenol-d6

Concen: 115.307 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041672.D

Acq: 16 Jul 2019 17:38

Instrument :

BNA_G

ClientSampleId :

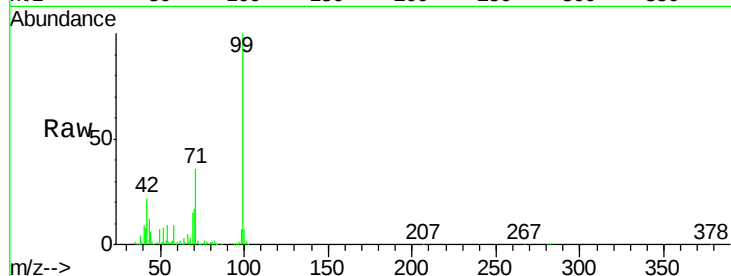
Tot Ion: 99 Resp: 1020781

Ion Ratio Lower Upper

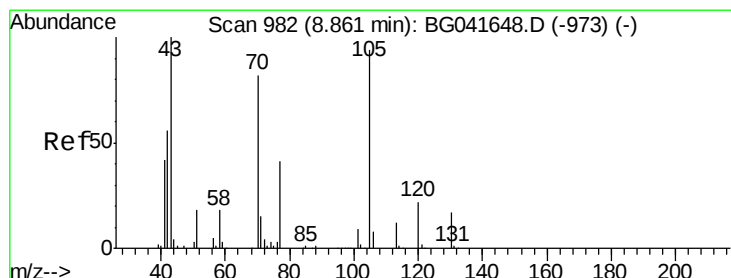
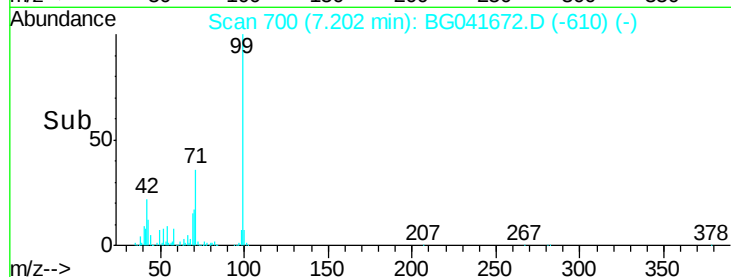
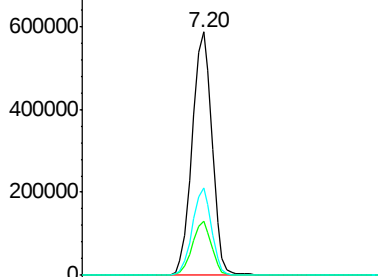
99 100

42 22.2 17.6 26.4

71 35.8 27.8 41.6



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: 14.814 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.34 min

Lab File: BG041672.D

Acq: 16 Jul 2019 17:38

Tgt Ion: 70 Resp: 95857

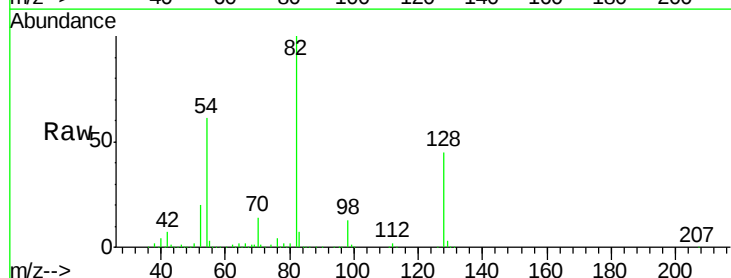
Ion Ratio Lower Upper

70 100

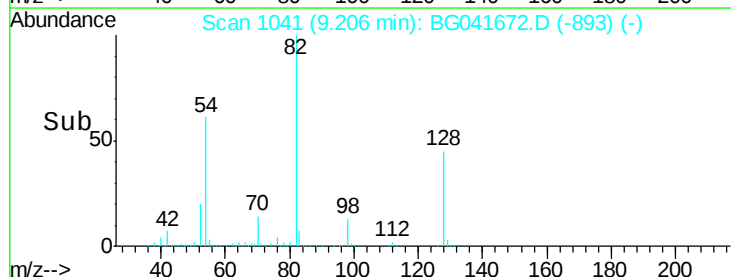
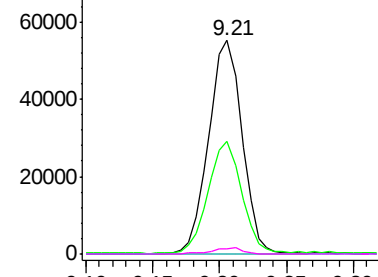
42 52.7 55.8 83.6#

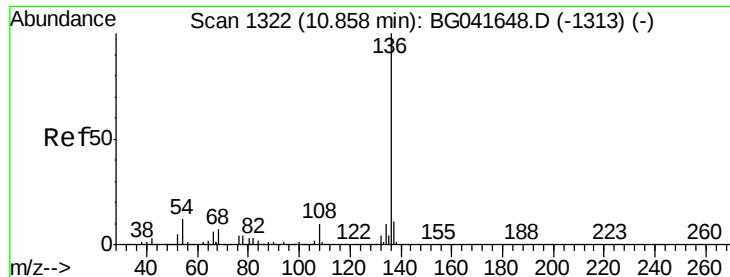
101 0.0 8.1 12.1#

130 2.1 17.3 25.9#



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

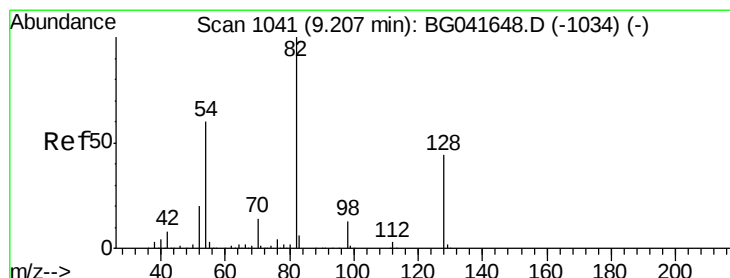
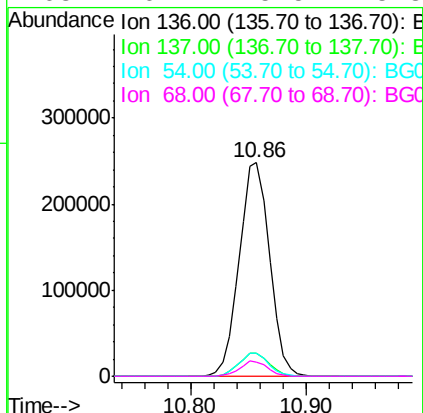
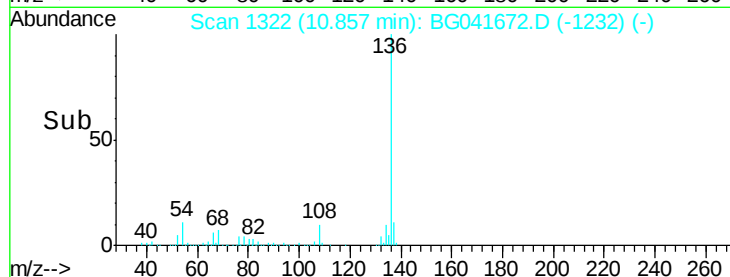
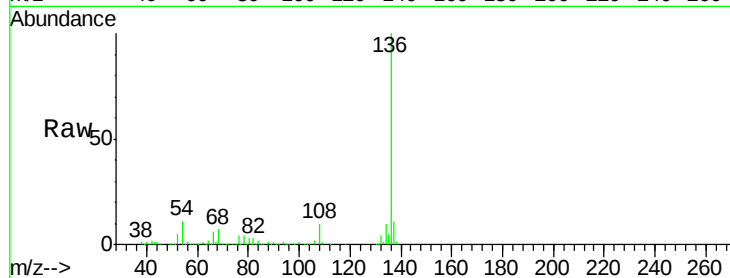




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

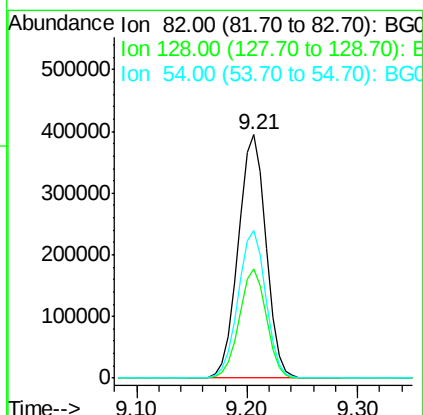
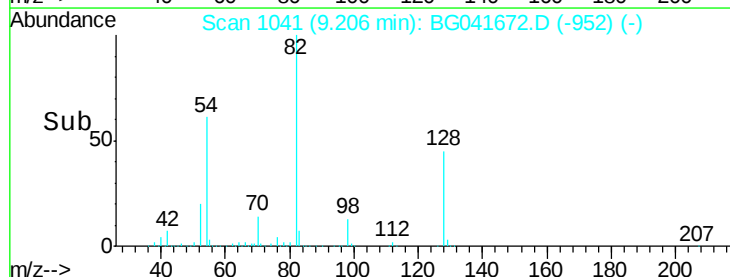
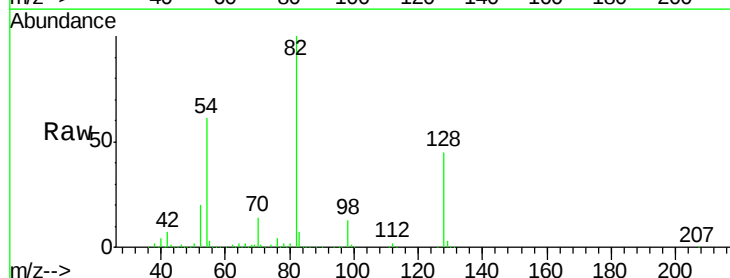
Instrument :
BNA_G
ClientSampleId :

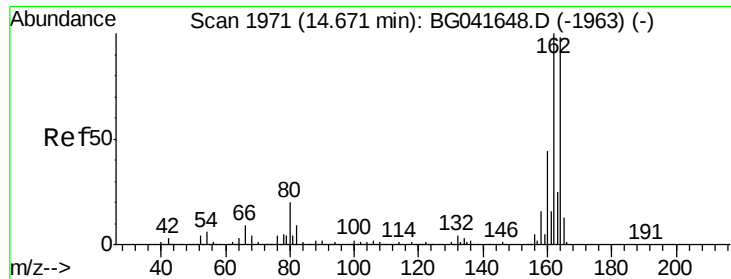
Tot Ion:136	Resp:	453862
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.2 13.8
54	11.1	8.7 13.1
68	6.7	5.5 8.3



#23
Nitrobenzene-d5
Concen: 93.577 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

Tgt Ion: 82	Resp:	698367
Ion	Ratio	Lower Upper
82	100	
128	44.7	35.1 52.7
54	60.7	48.7 73.1

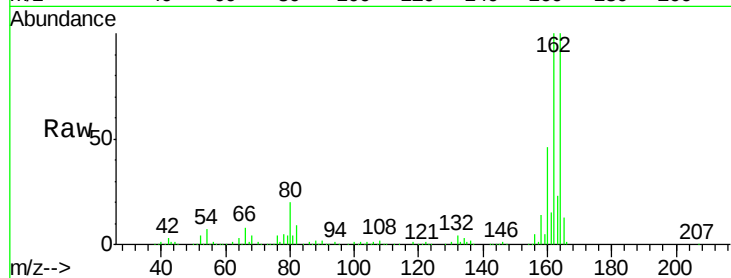




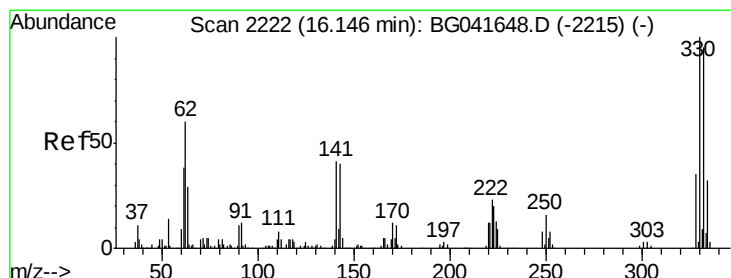
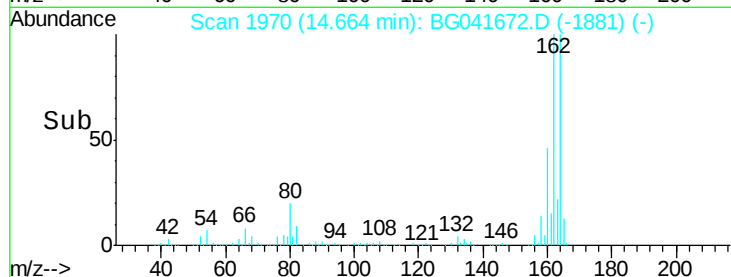
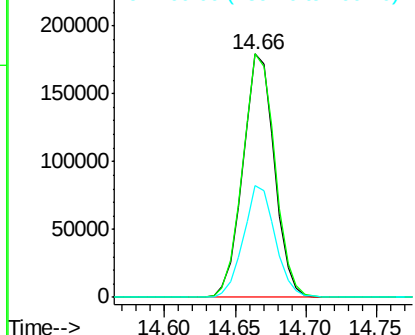
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 279633
Ion Ratio Lower Upper
164 100
162 100.0 79.6 119.4
160 46.0 35.4 53.0

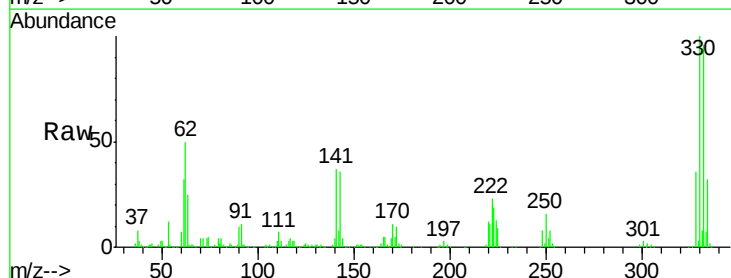


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

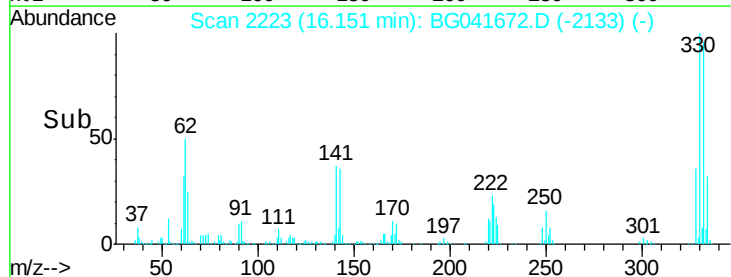
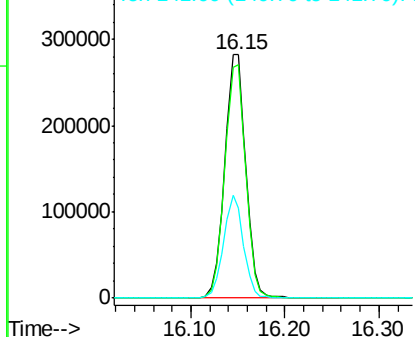


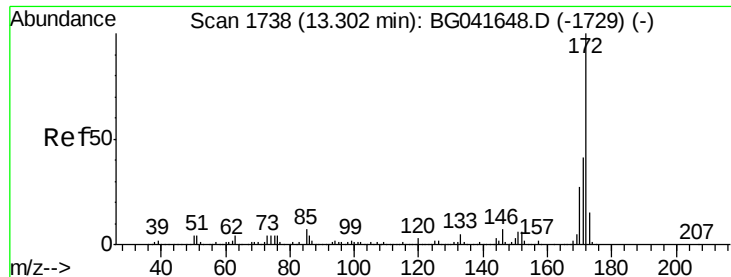
#42
2,4,6-Tribromophenol
Concen: 139.586 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

Tgt Ion:330 Resp: 439894
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 39.8 31.9 47.9



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

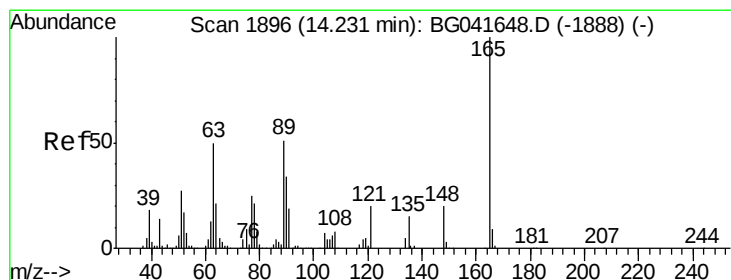
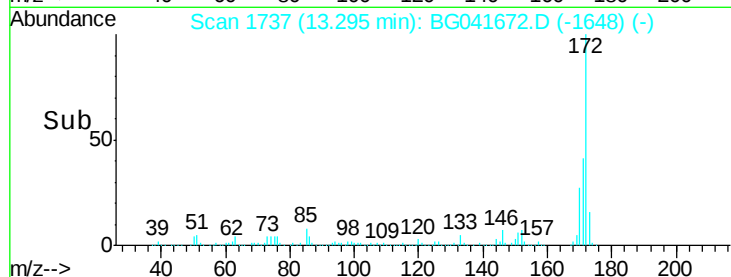
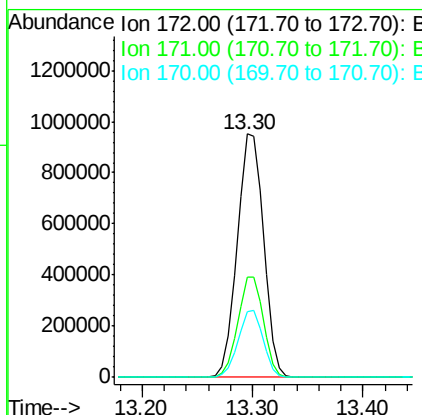
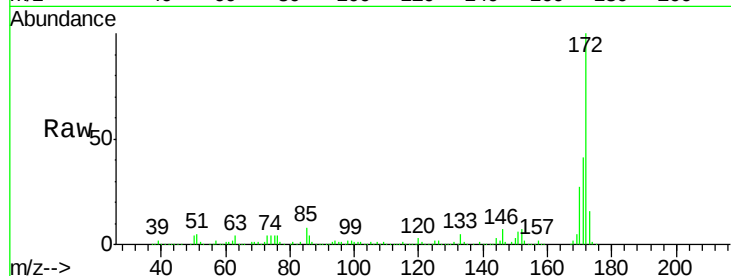




#45
2-Fluorobiphenyl
Concen: 88.589 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

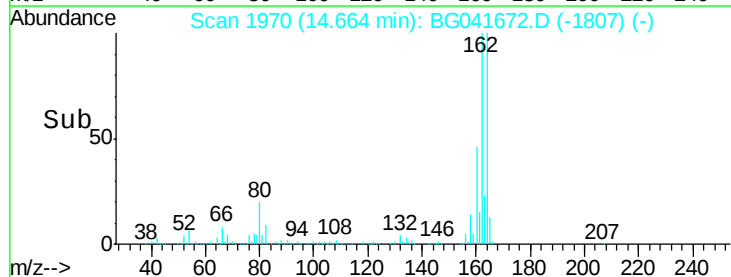
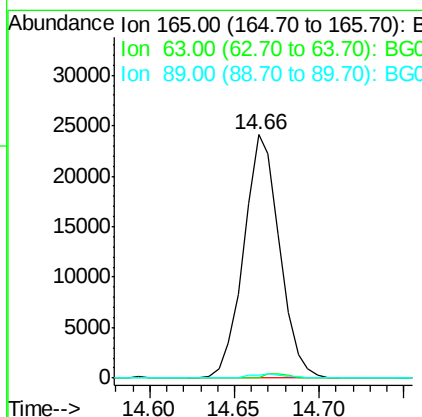
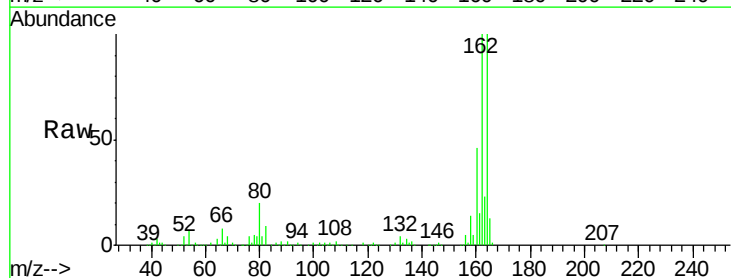
Instrument :
BNA_G
ClientSampleId :

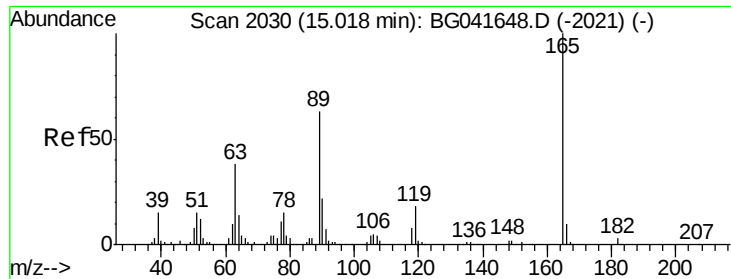
Tot Ion:172 Resp: 1599776
Ion Ratio Lower Upper
172 100
171 41.0 35.0 52.4
170 26.9 23.5 35.3



#51
2,6-Dinitrotoluene
Concen: 7.621 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.43 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

Tgt Ion:165 Resp: 35502
Ion Ratio Lower Upper
165 100
63 0.0 42.4 63.6#
89 1.1 42.1 63.1#

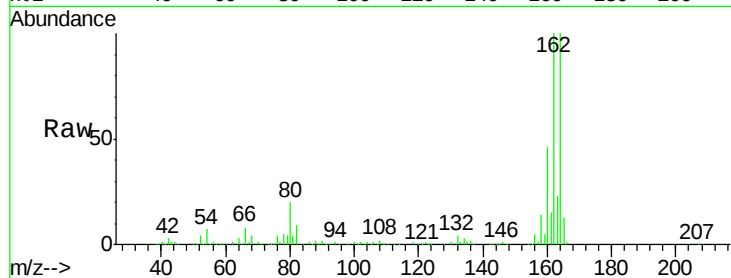




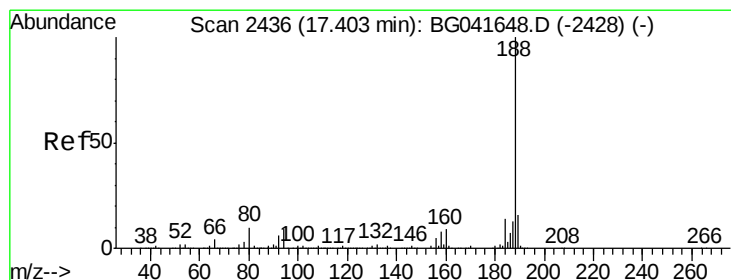
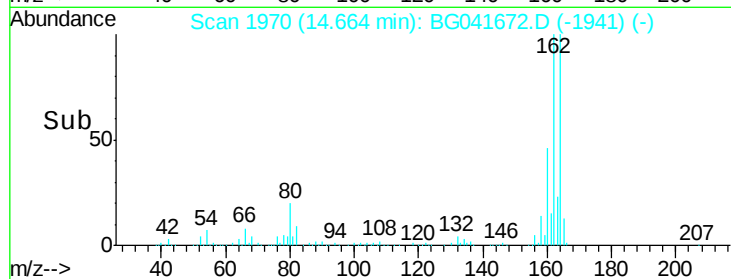
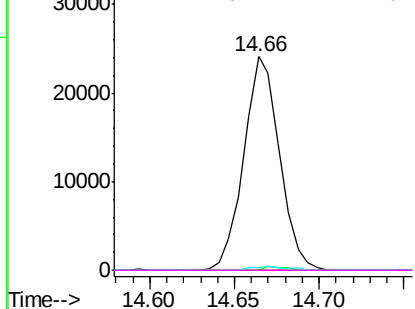
#57
 2,4-Dinitrotoluene
 Concen: 5.765 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG041672.D
 Acq: 16 Jul 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 35502
 Ion Ratio Lower Upper
 165 100
 63 0.0 31.7 47.5#
 89 1.1 50.2 75.4#
 182 0.0 2.6 4.0#

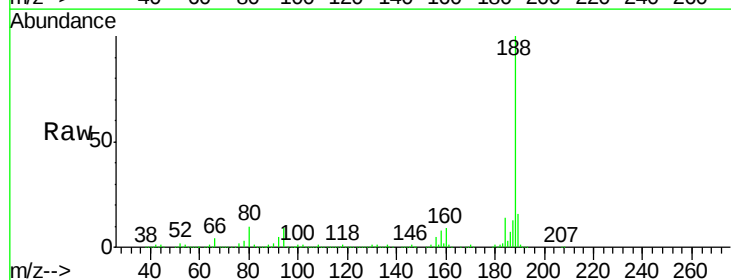


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

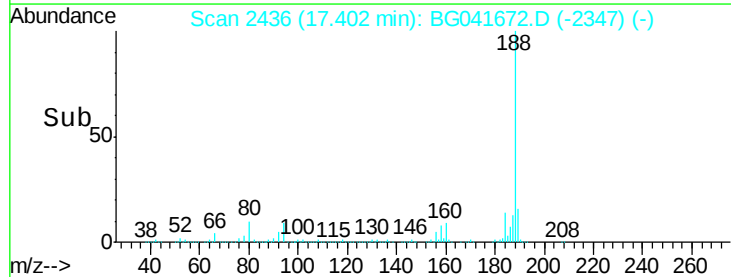
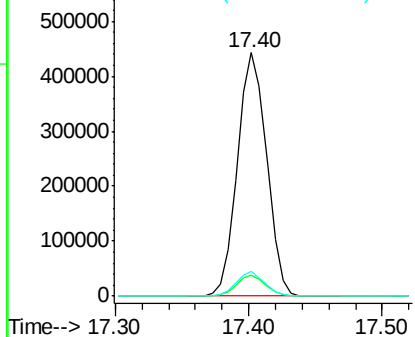


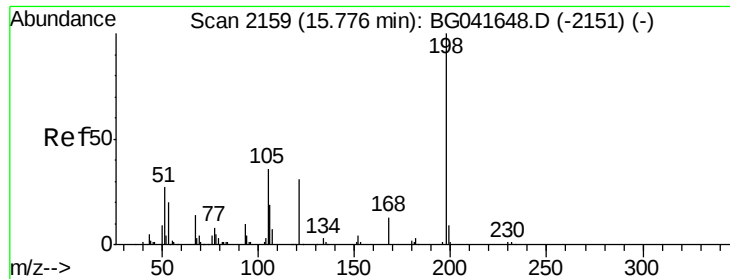
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG041672.D
 Acq: 16 Jul 2019 17:38

Tgt Ion:188 Resp: 670522
 Ion Ratio Lower Upper
 188 100
 94 8.6 6.9 10.3
 80 10.0 8.0 12.0



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

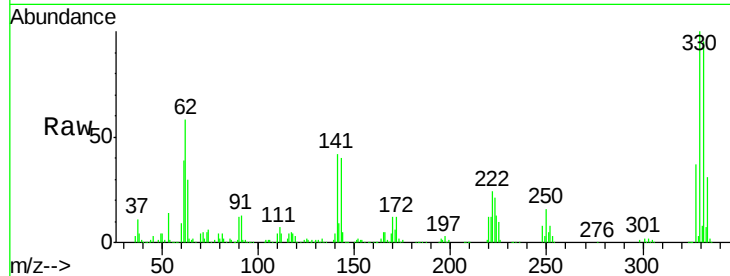




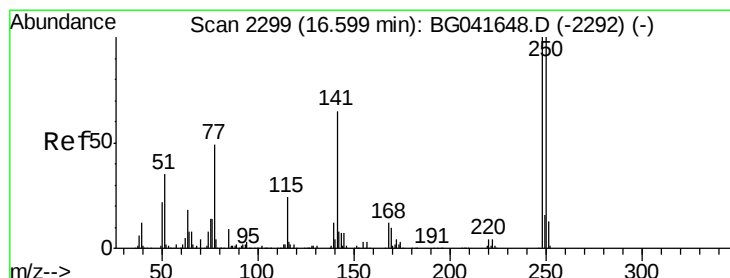
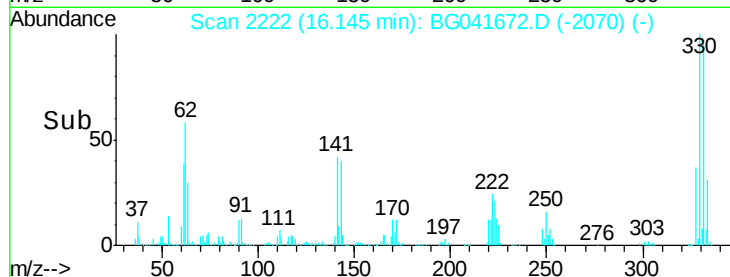
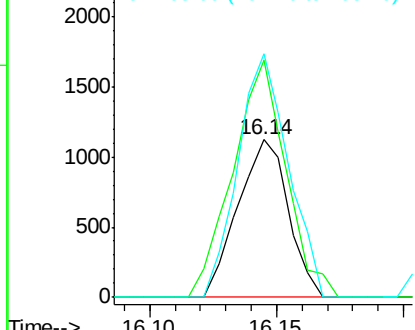
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.094 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. 0.36 min
 Lab File: BG041672.D
 Acq: 16 Jul 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 1552
 Ion Ratio Lower Upper
 198 100
 51 150.8 22.3 62.3#
 105 154.6 18.0 58.0#

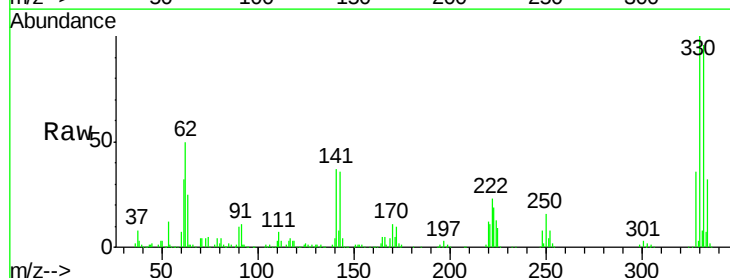


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

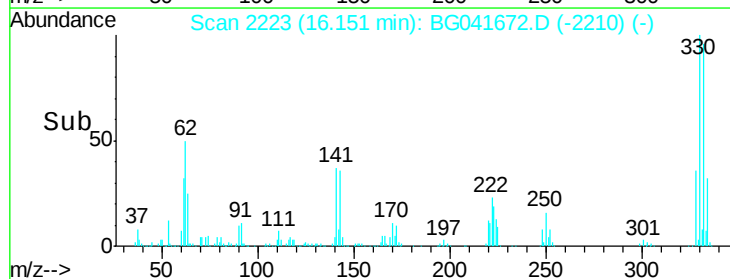
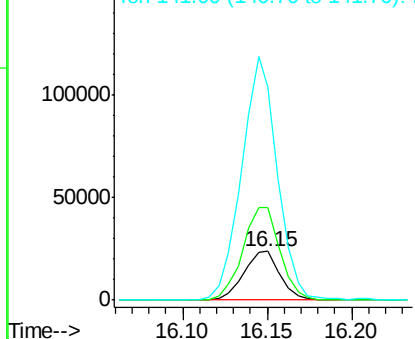


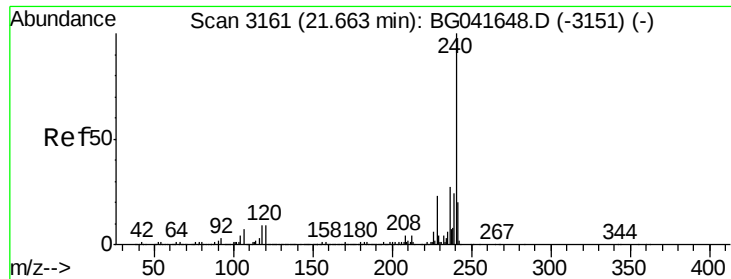
#67
 4-Bromophenyl-phenylether
 Concen: 4.389 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG041672.D
 Acq: 16 Jul 2019 17:38

Tgt Ion:248 Resp: 35016
 Ion Ratio Lower Upper
 248 100
 250 191.4 78.1 117.1#
 141 439.2 49.6 74.4#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041672.D

Acq: 16 Jul 2019 17:38

Instrument :

BNA_G

ClientSampleId :

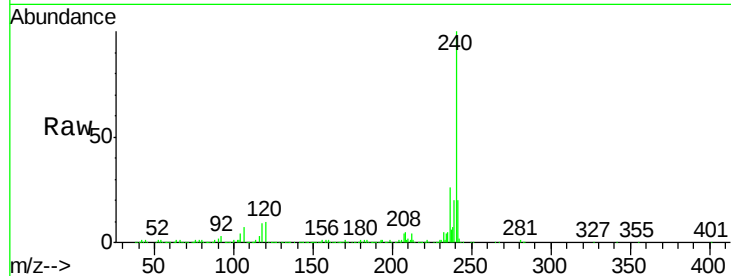
Tot Ion:240 Resp: 641689

Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

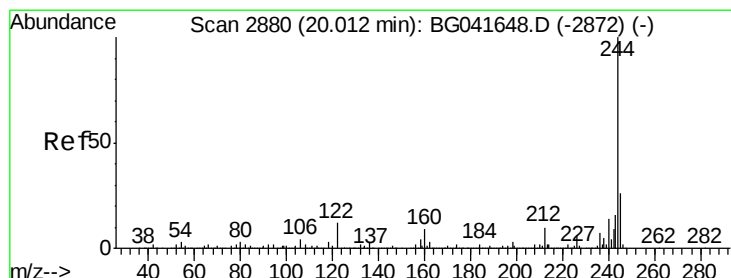
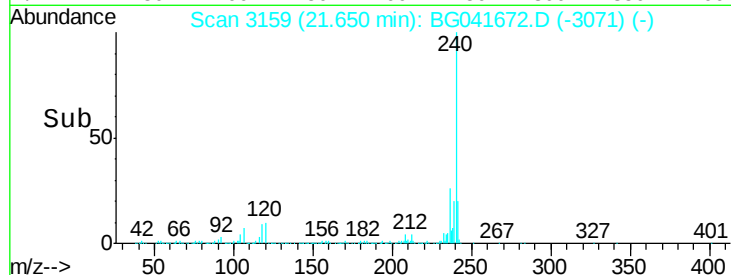
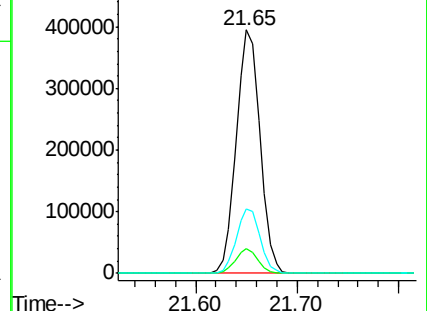
236 26.5 22.6 33.8



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



#79

Terphenyl-d14

Concen: 87.700 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041672.D

Acq: 16 Jul 2019 17:38

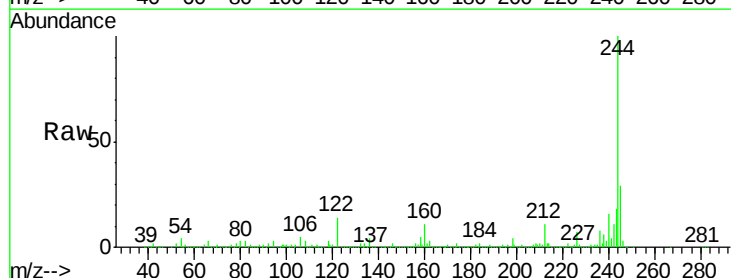
Tgt Ion:244 Resp: 2408177

Ion Ratio Lower Upper

244 100

212 11.2 9.7 14.5

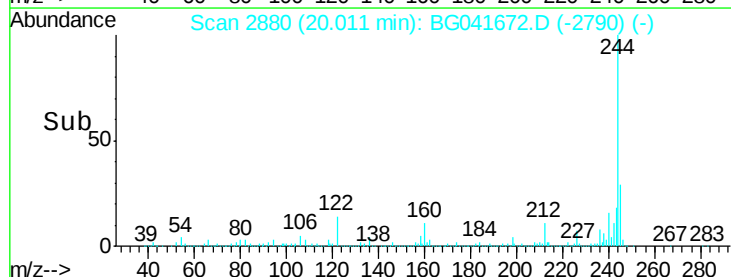
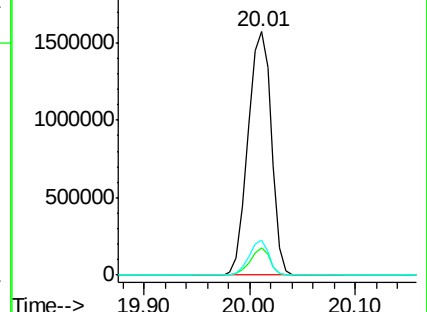
122 14.2 12.5 18.7

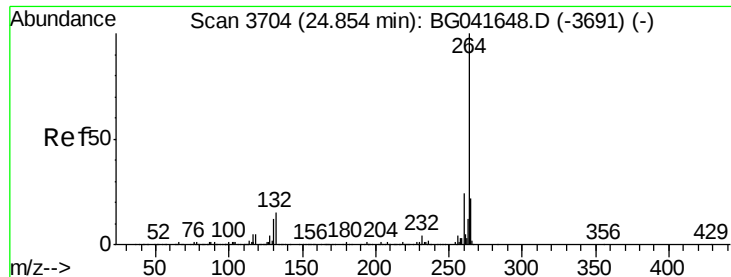


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

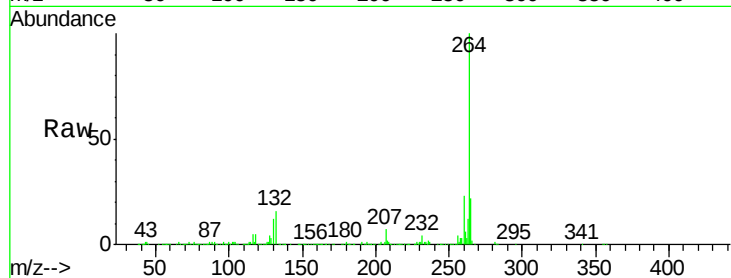




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041672.D
Acq: 16 Jul 2019 17:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.9	18.0	27.0



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

