

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081719\
 Data File : BG042301.D
 Acq On : 18 Aug 2019 00:26
 Operator : HP/JU
 Sample : K4265-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-R2-(0-4.3)

Quant Time: Aug 19 06:02:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

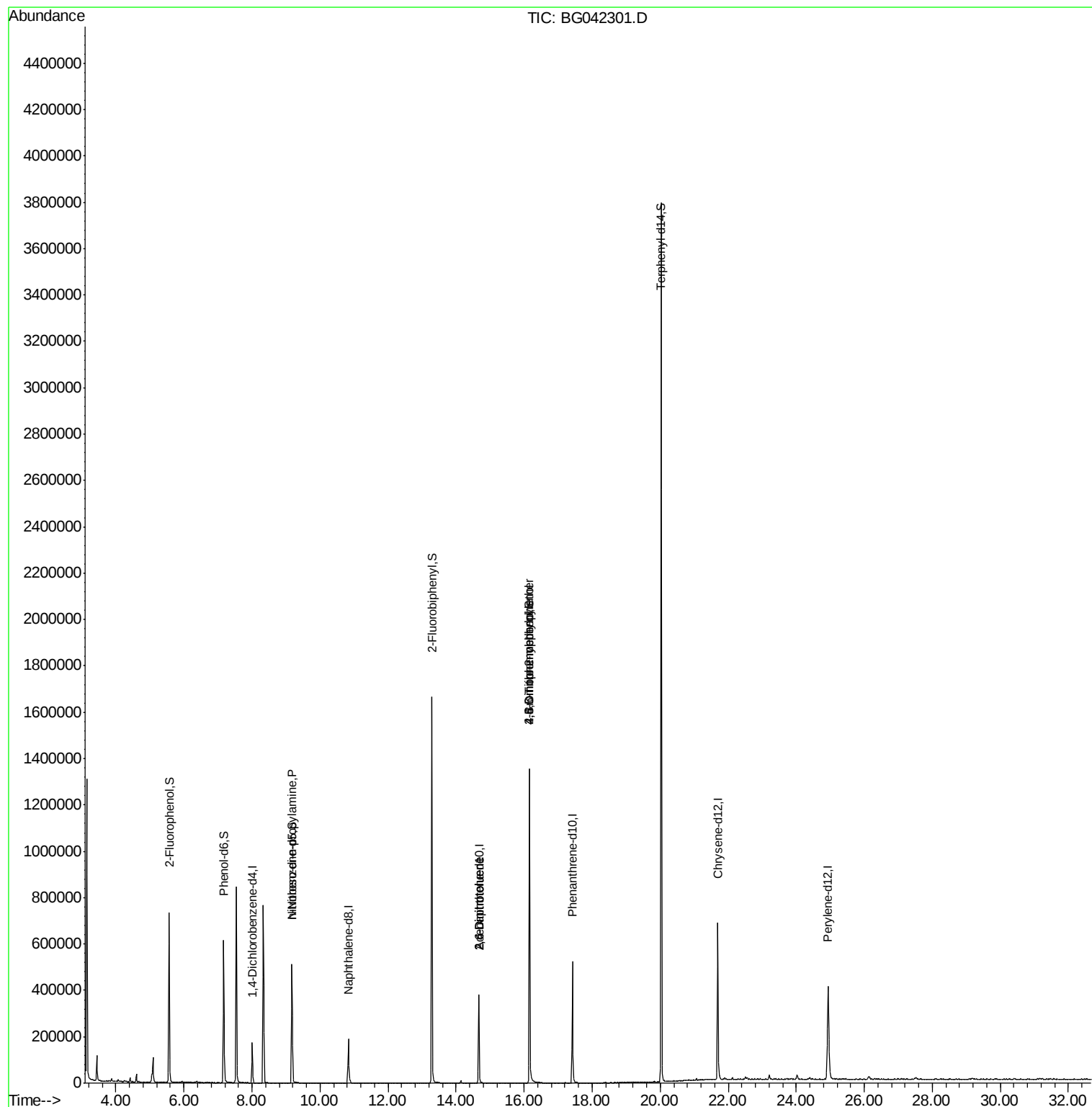
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	58114	20.00	ng	-0.04
21) Naphthalene-d8	10.83	136	218365	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	159857	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	387774	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	446716	20.00	ng	-0.04
87) Perylene-d12	24.94	264	500593	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	373031	124.89	ng	-0.03
7) Phenol-d6	7.17	99	437622	108.68	ng	-0.03
23) Nitrobenzene-d5	9.18	82	330493	104.15	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	340405	187.47	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	1005583	110.95	ng	-0.04
79) Terphenyl-d14	20.03	244	2007622	102.84	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	41843	14.313	ng	# 63
51) 2,6-Dinitrotoluene	14.67	165	20116	8.812	ng	# 27
57) 2,4-Dinitrotoluene	14.67	165	20116	6.407	ng	# 29
65) 4,6-Dinitro-2-methylphenol	16.16	198	696	7.167	ng	# 1
67) 4-Bromophenyl-phenylether	16.16	248	23422	4.903	ng	# 1

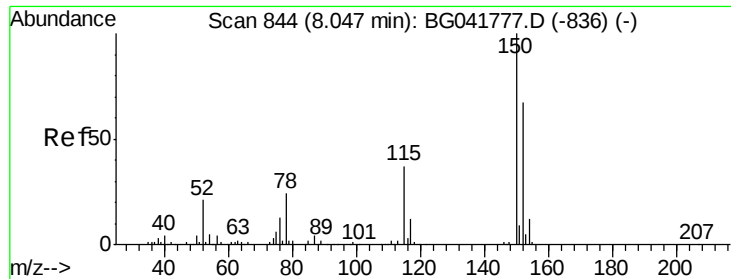
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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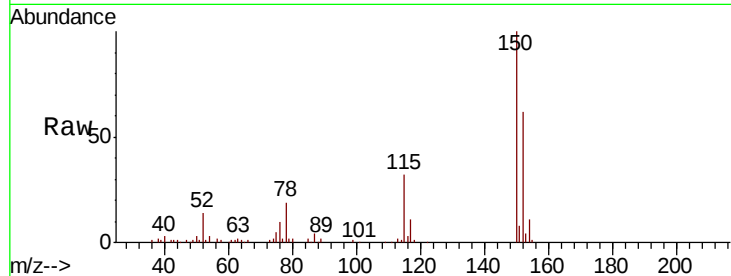


#1

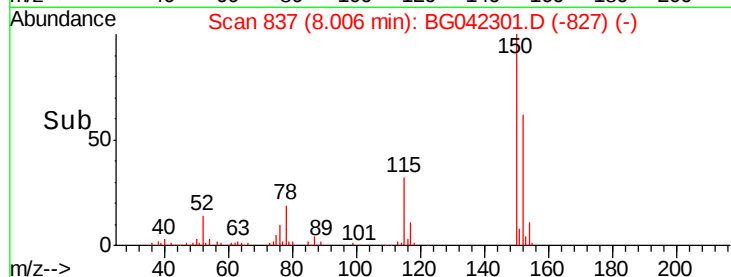
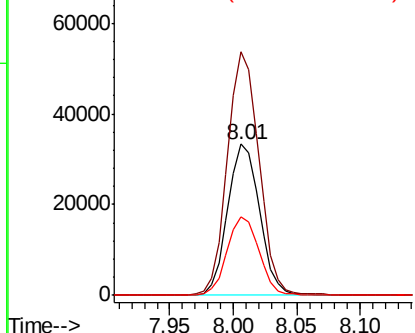
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.04 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Instrument :
BNA_G
ClientSampleId :
R1-R2-(0-4.3)

Tgt Ion:152 Resp: 58114
Ion Ratio Lower Upper
152 100
150 160.8 126.9 190.3
115 52.2 45.0 67.6



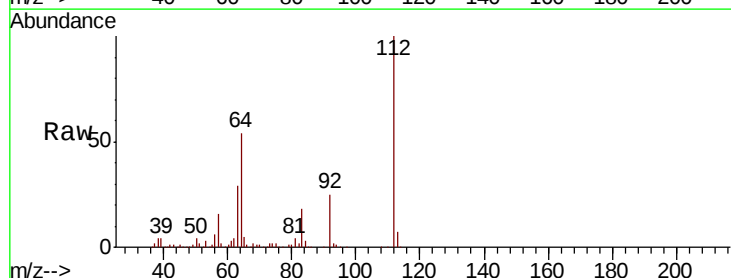
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



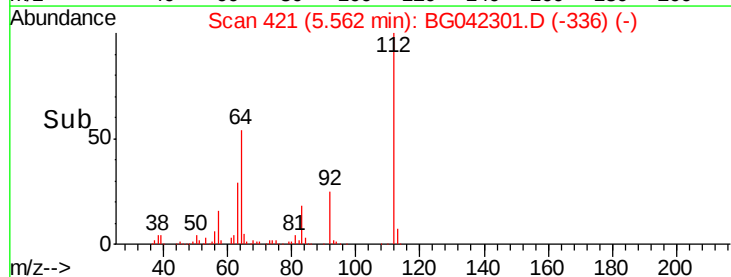
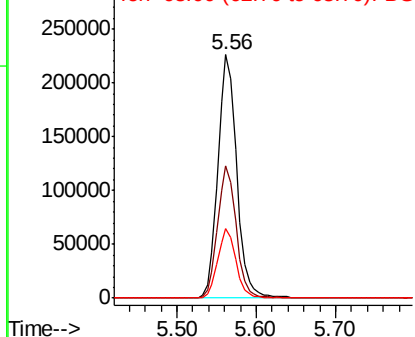
#5

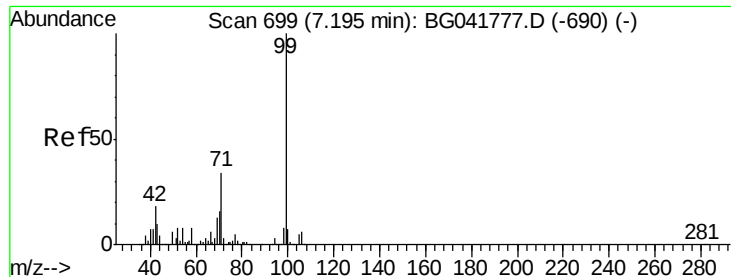
2-Fluorophenol
Concen: 124.888 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.03 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Tgt Ion:112 Resp: 373031
Ion Ratio Lower Upper
112 100
64 54.4 55.4 83.2#
63 28.6 29.1 43.7#



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: 108.676 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BG042301.D

Acq: 18 Aug 2019 00:26

Instrument :

BNA_G

ClientSampleId :

R1-R2-(0-4.3)

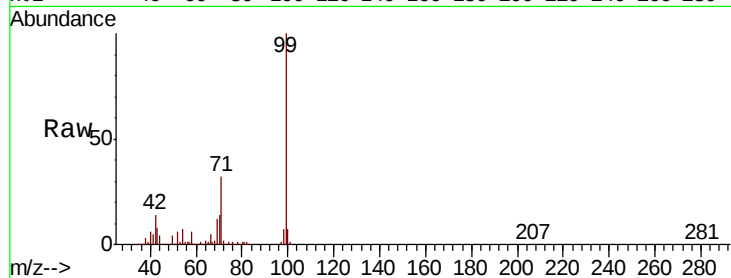
Tgt Ion: 99 Resp: 437622

Ion Ratio Lower Upper

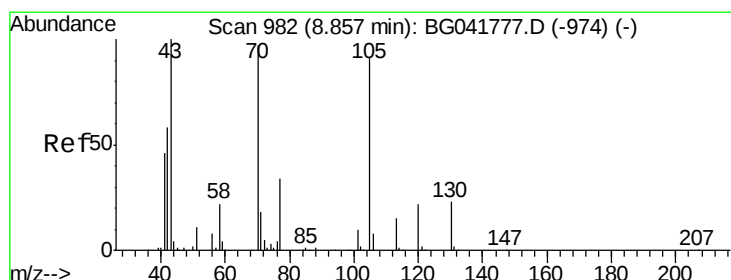
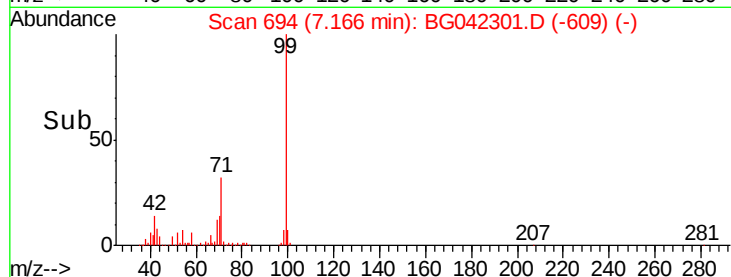
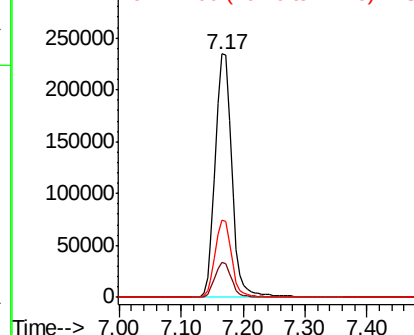
99 100

42 14.3 17.6 26.4#

71 31.9 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: 14.313 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.32 min

Lab File: BG042301.D

Acq: 18 Aug 2019 00:26

Tgt Ion: 70 Resp: 41843

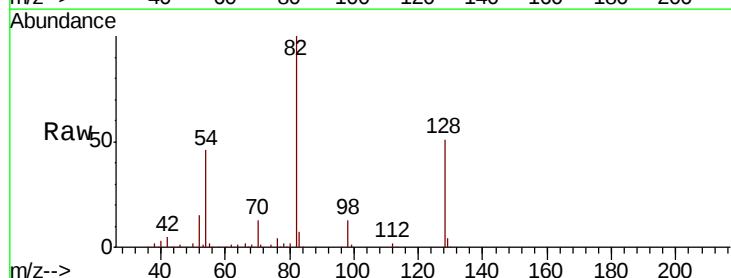
Ion Ratio Lower Upper

70 100

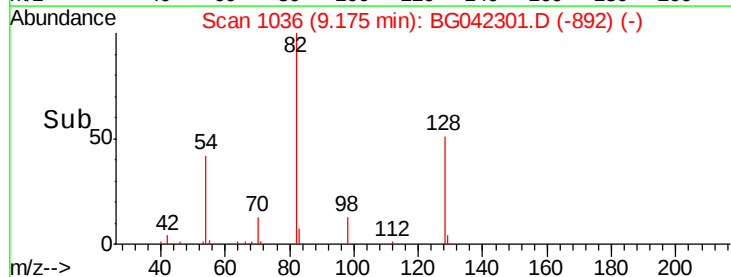
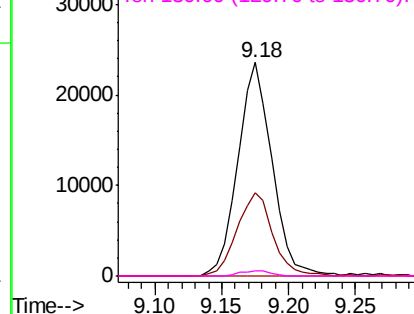
42 39.0 55.8 83.6#

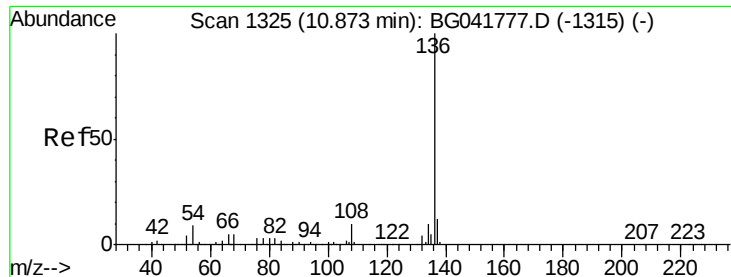
101 0.0 8.1 12.1#

130 2.7 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

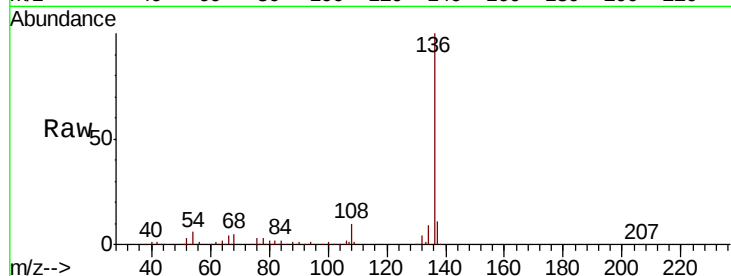




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.04 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Instrument :
BNA_G
ClientSampleId :
R1-R2-(0-4.3)

Tgt Ion:	136	Resp:	218365
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.3	8.7	13.1#
68	5.1	5.5	8.3#



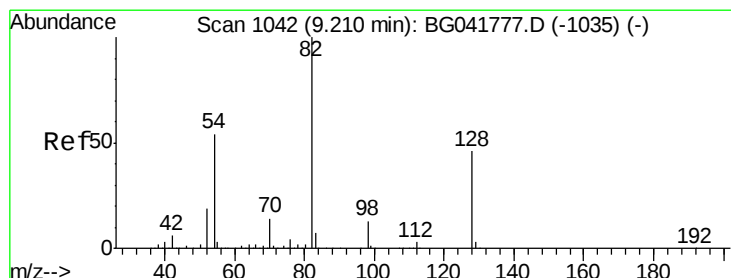
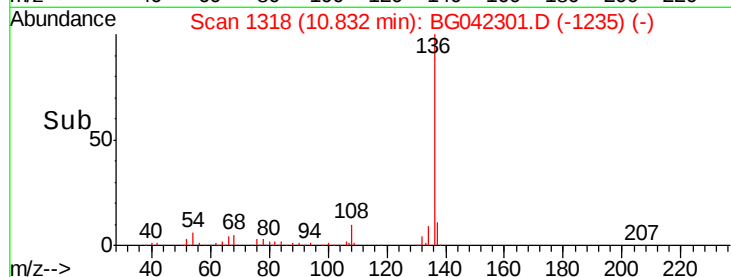
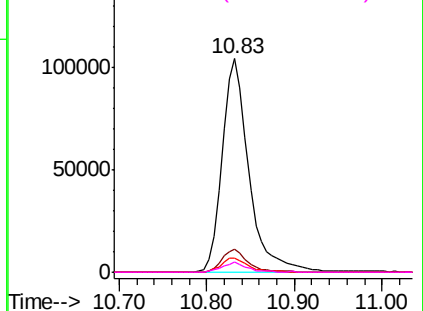
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

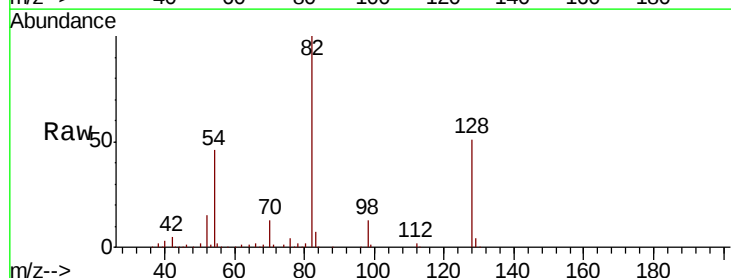
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 104.153 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Tgt Ion:	82	Resp:	330493
Ion	Ratio	Lower	Upper
82	100		
128	51.1	35.1	52.7
54	45.7	48.7	73.1#

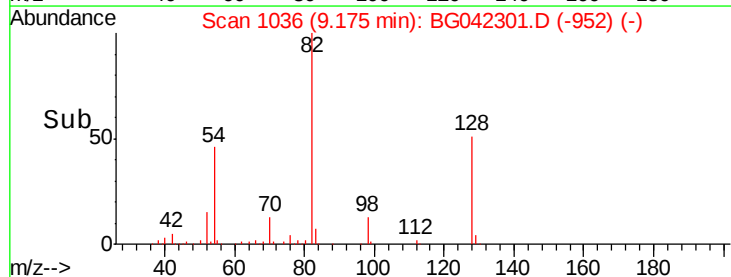
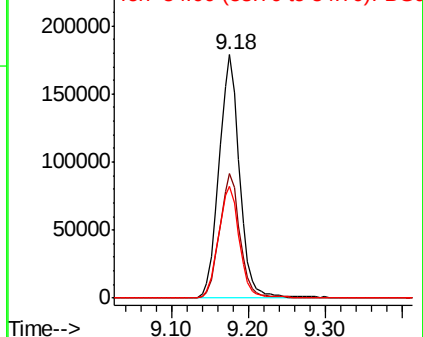


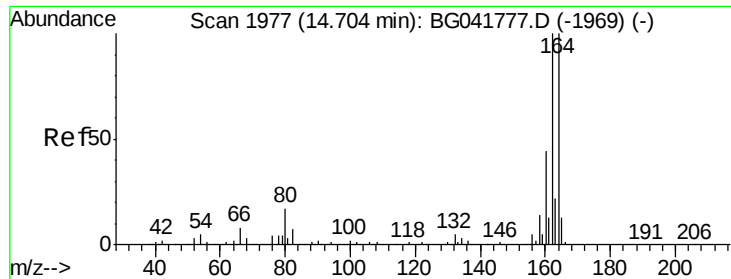
Abundance

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

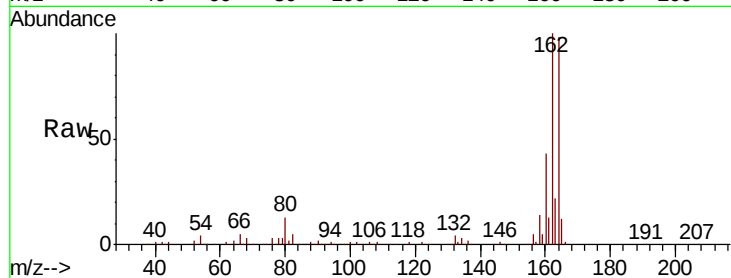




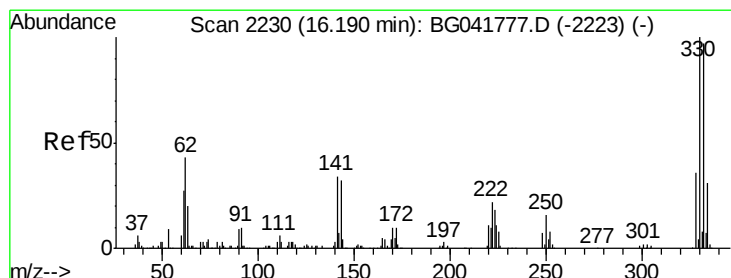
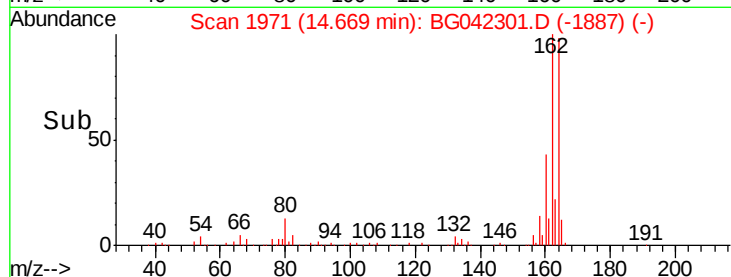
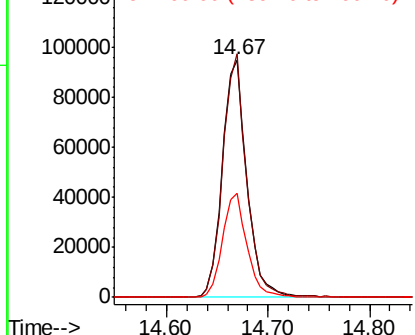
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.03 min
 Lab File: BG042301.D
 Acq: 18 Aug 2019 00:26

Instrument :
 BNA_G
 ClientSampleId :
 R1-R2-(0-4.3)

Tgt Ion:164 Resp: 159857
 Ion Ratio Lower Upper
 164 100
 162 102.4 79.6 119.4
 160 43.7 35.4 53.0

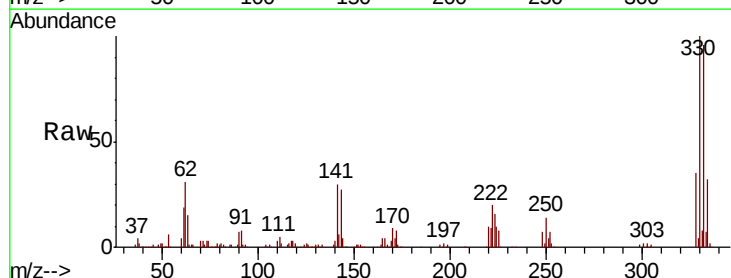


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

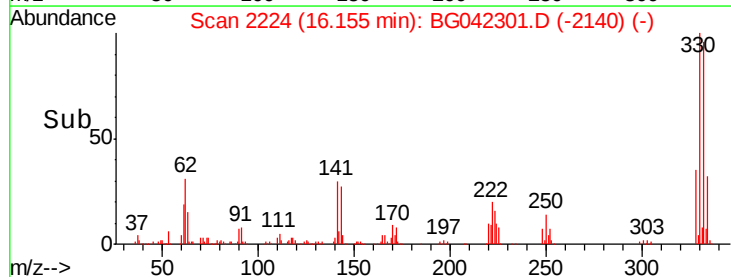
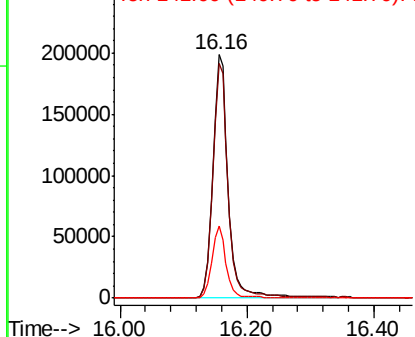


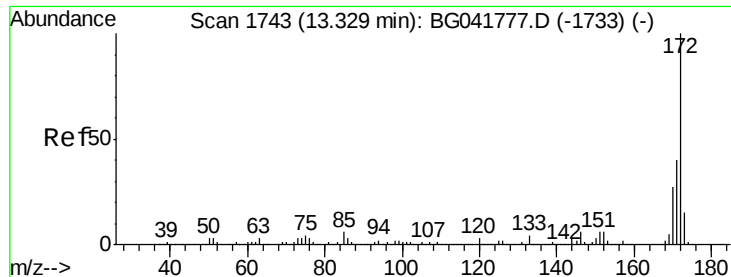
#42
 2,4,6-Tribromophenol
 Concen: 187.473 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.03 min
 Lab File: BG042301.D
 Acq: 18 Aug 2019 00:26

Tgt Ion:330 Resp: 340405
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.0
 141 27.8 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

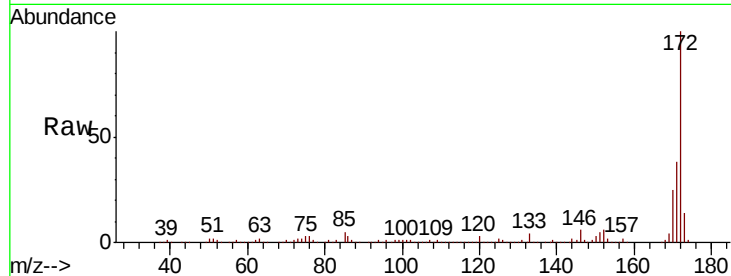




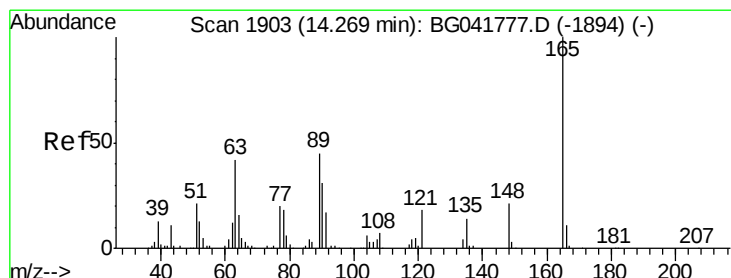
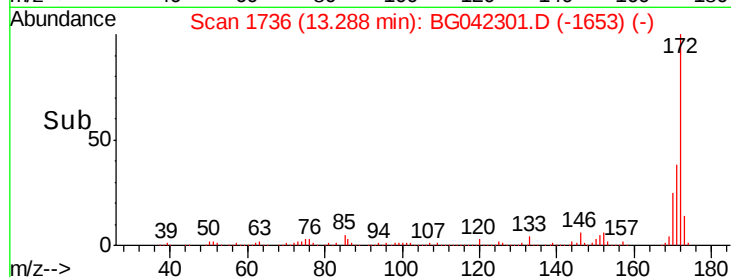
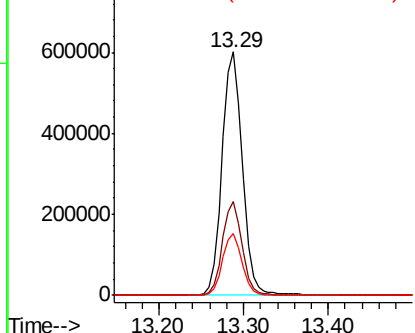
#45
 2-Fluorobiphenyl
 Concen: 110.947 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.04 min
 Lab File: BG042301.D
 Acq: 18 Aug 2019 00:26

Instrument :
 BNA_G
 ClientSampleId :
 R1-R2-(0-4.3)

Tgt Ion:172 Resp: 1005583
 Ion Ratio Lower Upper
 172 100
 171 38.4 35.0 52.4
 170 25.2 23.5 35.3

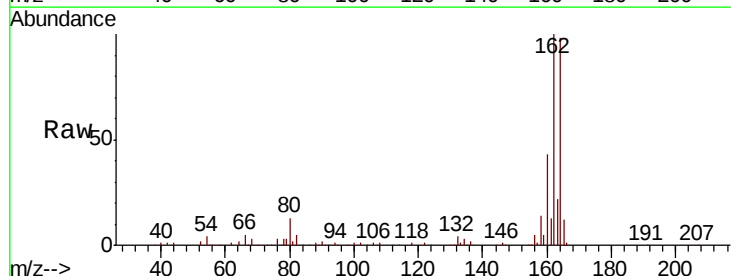


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

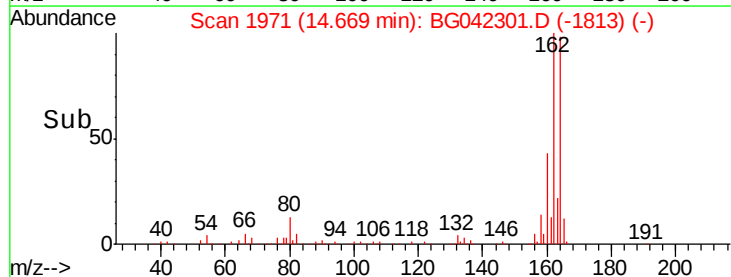
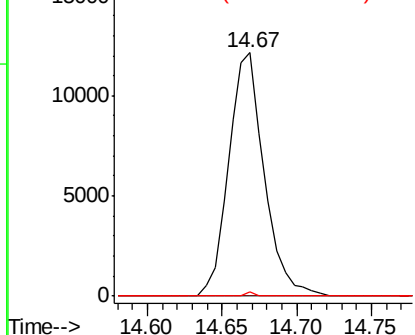


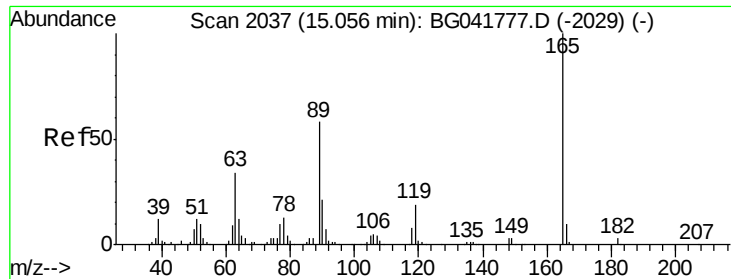
#51
 2,6-Dinitrotoluene
 Concen: 8.812 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.40 min
 Lab File: BG042301.D
 Acq: 18 Aug 2019 00:26

Tgt Ion:165 Resp: 20116
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.4 63.6#
 89 2.0 42.1 63.1#



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

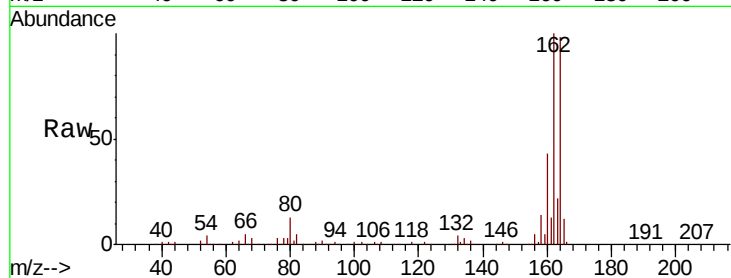




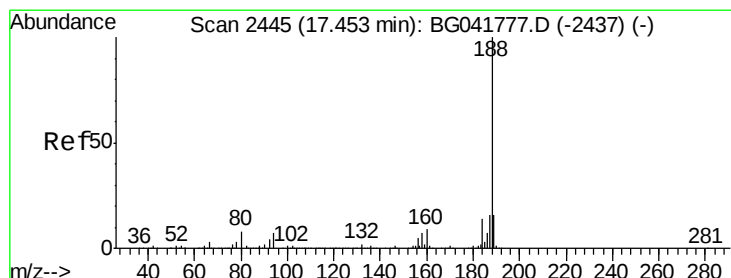
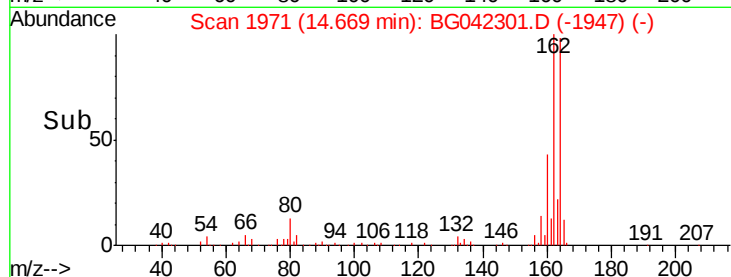
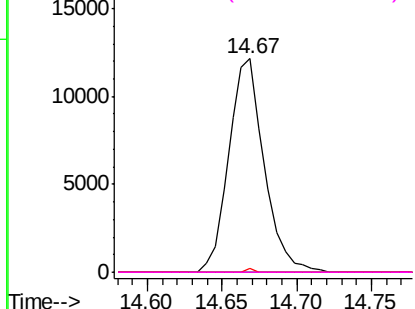
#57
 2,4-Dinitrotoluene
 Concen: 6.407 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.39 min
 Lab File: BG042301.D
 Acq: 18 Aug 2019 00:26

Instrument :
 BNA_G
 ClientSampleId :
 R1-R2-(0-4.3)

Tgt Ion:	165	Resp:	20116
Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.7	47.5#
89	2.0	50.2	75.4#
182	0.0	2.6	4.0#

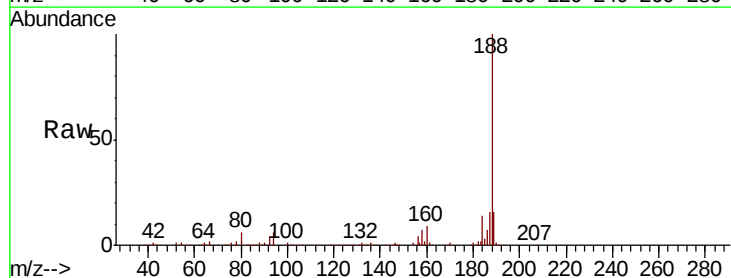


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

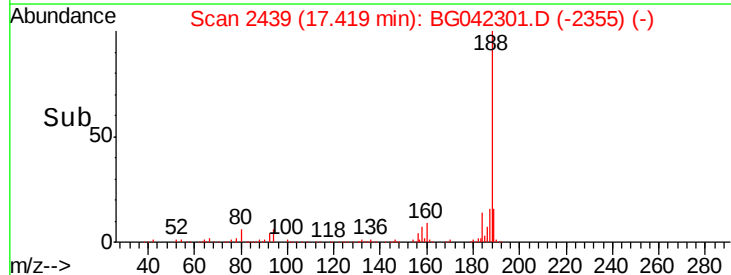
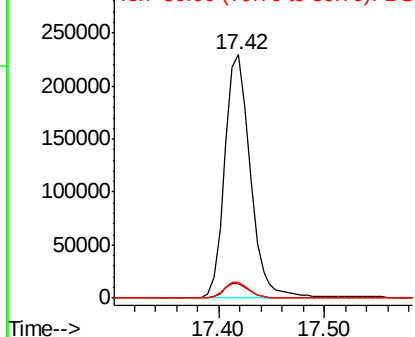


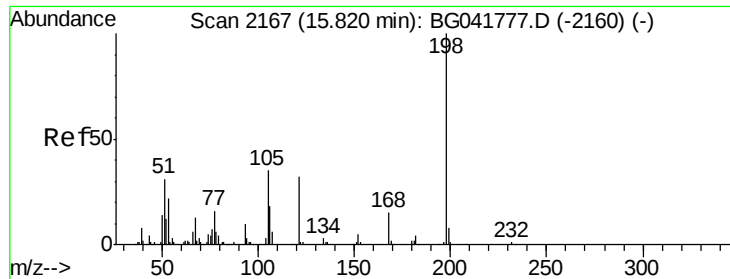
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG042301.D
 Acq: 18 Aug 2019 00:26

Tgt Ion:	188	Resp:	387774
Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	6.4	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

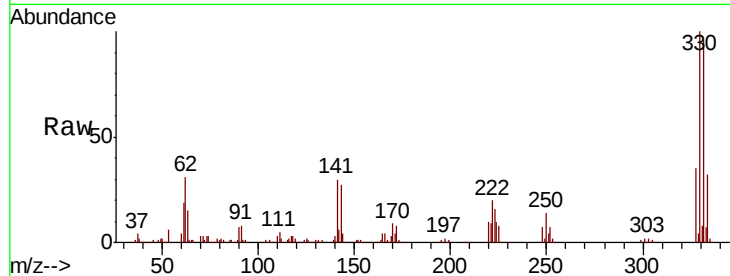




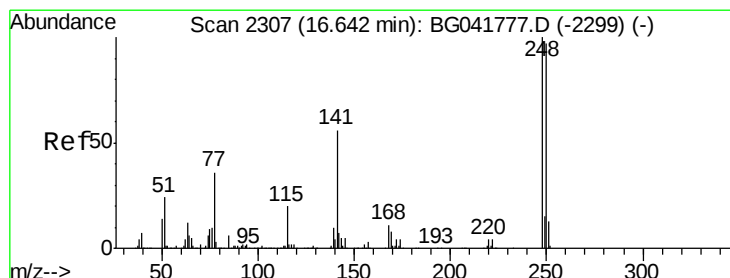
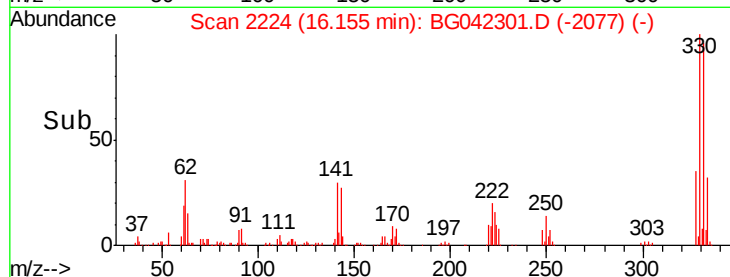
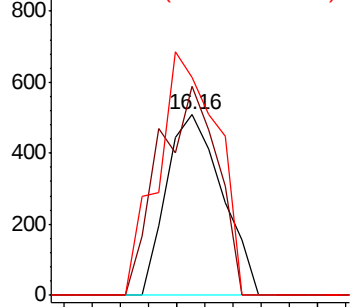
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.167 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. 0.34 min
 Lab File: BG042301.D
 Acq: 18 Aug 2019 00:26

Instrument :
 BNA_G
 ClientSampleId :
 R1-R2-(0-4.3)

Tgt Ion:198 Resp: 696
 Ion Ratio Lower Upper
 198 100
 51 116.1 22.3 62.3#
 105 120.9 18.0 58.0#

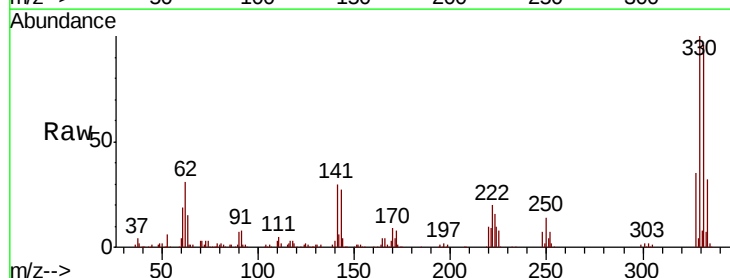


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

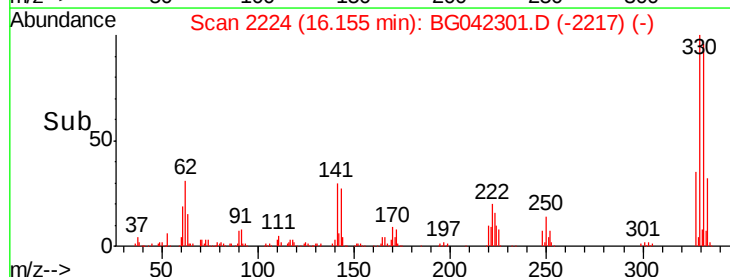
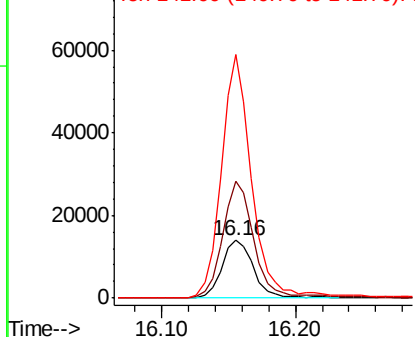


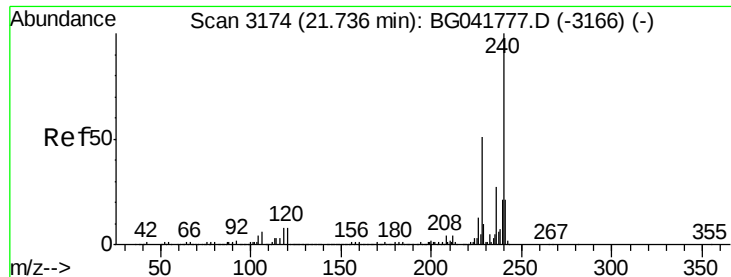
#67
 4-Bromophenyl-phenylether
 Concen: 4.903 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.49 min
 Lab File: BG042301.D
 Acq: 18 Aug 2019 00:26

Tgt Ion:248 Resp: 23422
 Ion Ratio Lower Upper
 248 100
 250 203.2 78.1 117.1#
 141 421.0 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

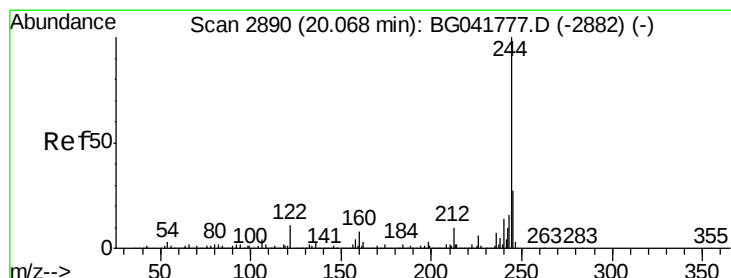
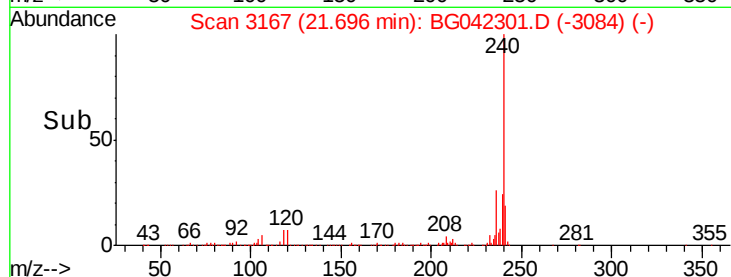
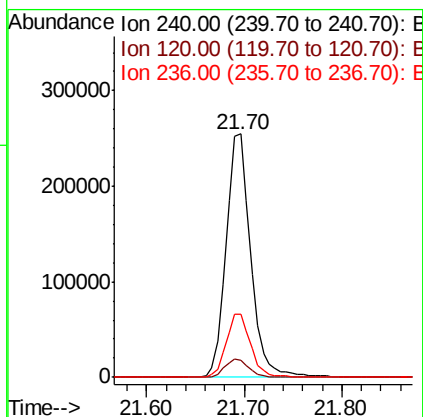
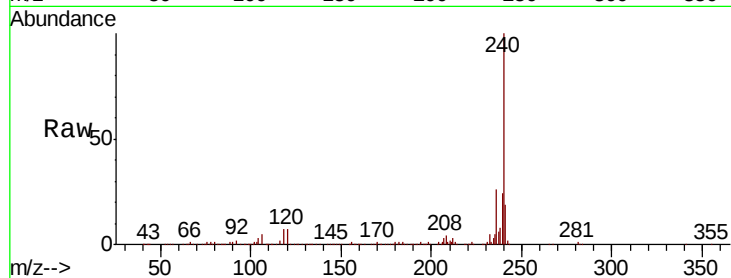




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.04 min
 Lab File: BG042301.D
 Acq: 18 Aug 2019 00:26

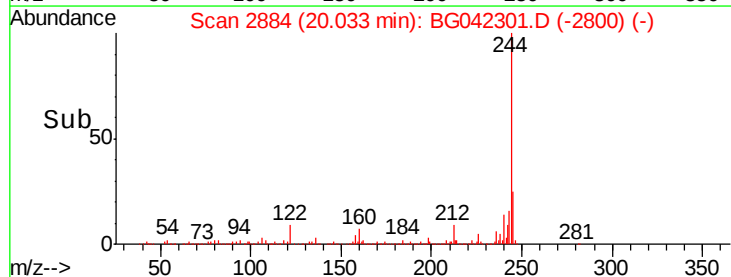
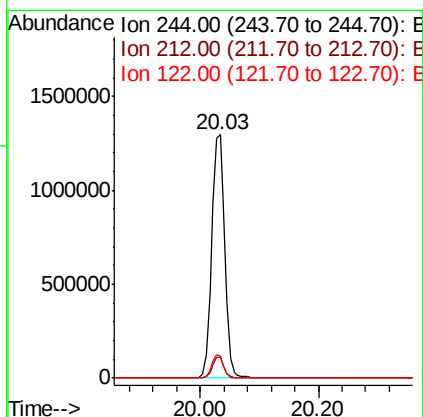
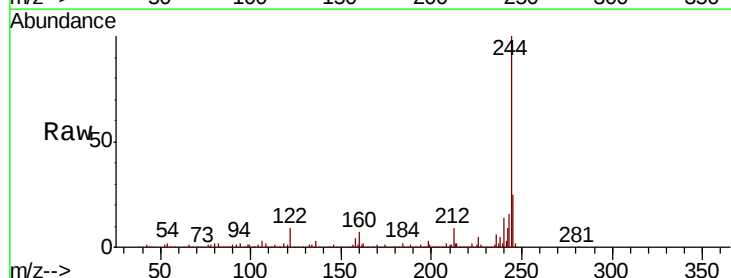
Instrument :
 BNA_G
 ClientSampleId :
 R1-R2-(0-4.3)

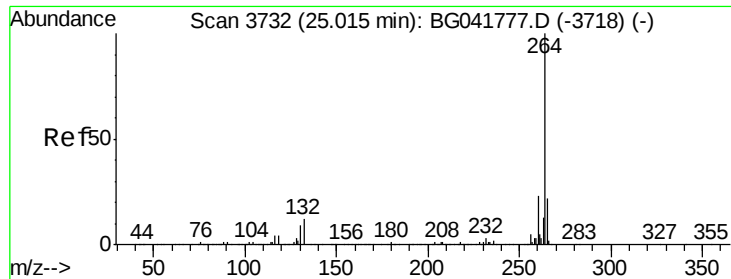
Tgt Ion:240 Resp: 446716
 Ion Ratio Lower Upper
 240 100
 120 7.2 8.0 12.0#
 236 25.8 22.6 33.8



#79
 Terphenyl-d14
 Concen: 102.839 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.03 min
 Lab File: BG042301.D
 Acq: 18 Aug 2019 00:26

Tgt Ion:244 Resp: 2007622
 Ion Ratio Lower Upper
 244 100
 212 8.8 9.7 14.5#
 122 9.3 12.5 18.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.08 min
Lab File: BG042301.D
Acq: 18 Aug 2019 00:26

Instrument :
BNA_G
ClientSampleId :
R1-R2-(0-4.3)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.0	18.0	27.0

