

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042672.D
 Acq On : 1 Sep 2019 21:49
 Operator : HP/JU
 Sample : K4554-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 02 07:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

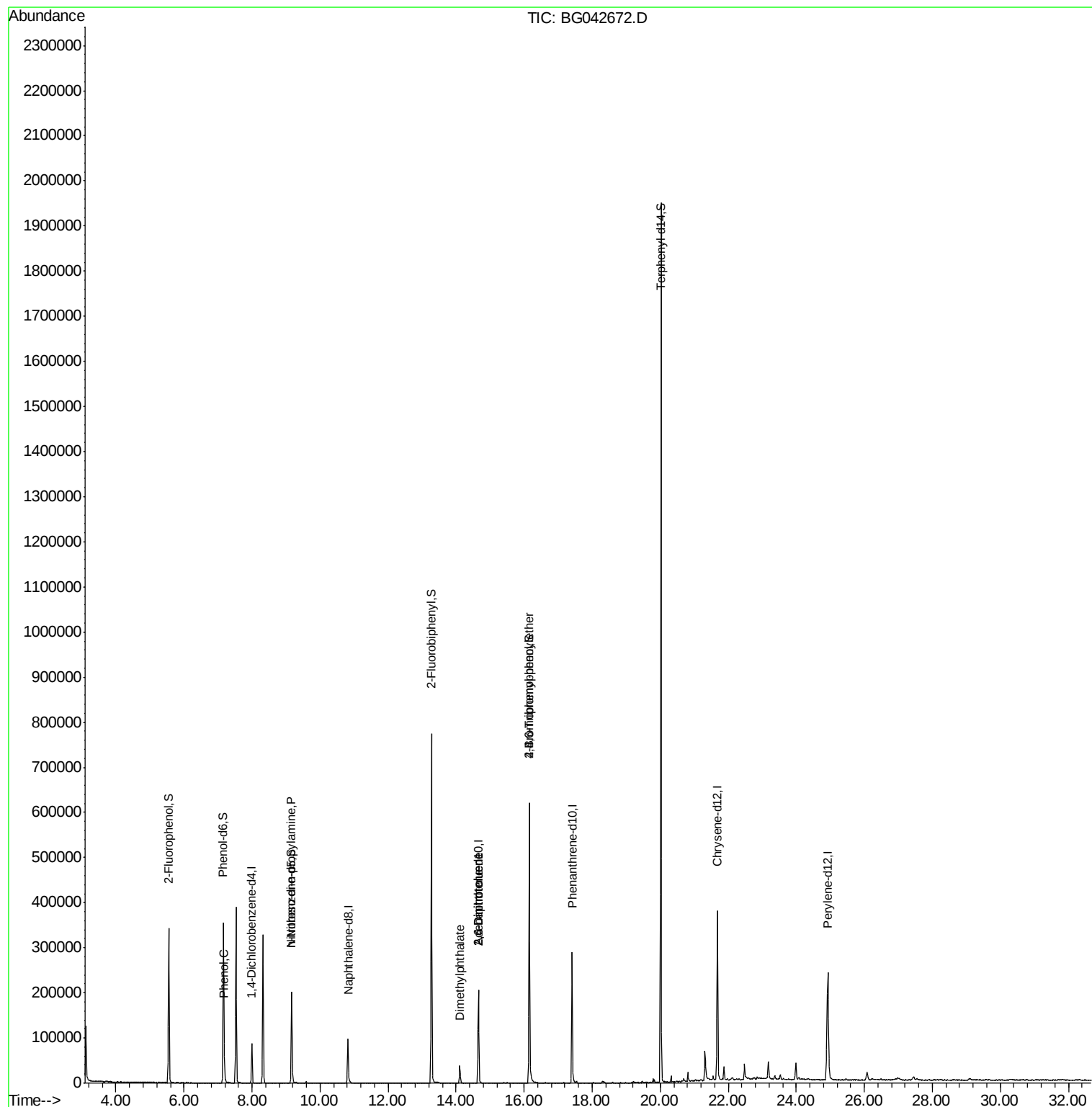
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29834	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	113207	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	88511	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	223252	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	254244	20.00	ng	-0.01
87) Perylene-d12	24.93	264	297937	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	175601	119.21	ng	0.00
7) Phenol-d6	7.16	99	235284	118.25	ng	-0.01
23) Nitrobenzene-d5	9.16	82	136030	83.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	173881	138.22	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	486276	92.92	ng	0.00
79) Terphenyl-d14	20.02	244	1038527	88.31	ng	0.00
Target Compounds						
10) Phenol	7.19	94	21711	10.732	ng	92
19) n-Nitroso-di-n-propylamine	9.16	70	17530	13.599	ng	# 75
50) Dimethylphthalate	14.11	163	43428	6.800	ng	99
51) 2,6-Dinitrotoluene	14.66	165	11659	7.876	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	11659	5.500	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	11255	3.974	ng	# 1

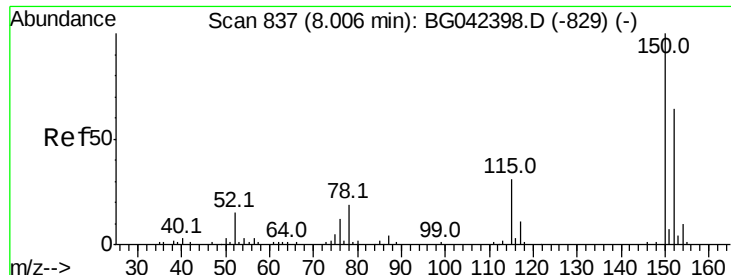
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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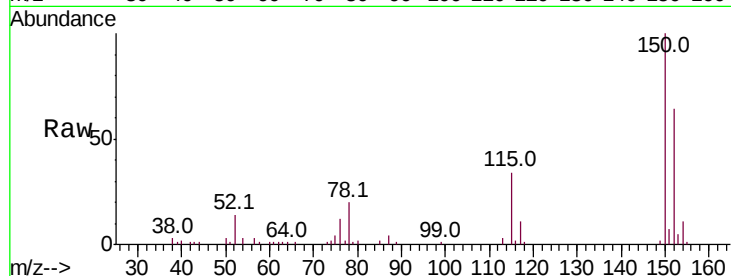


#1

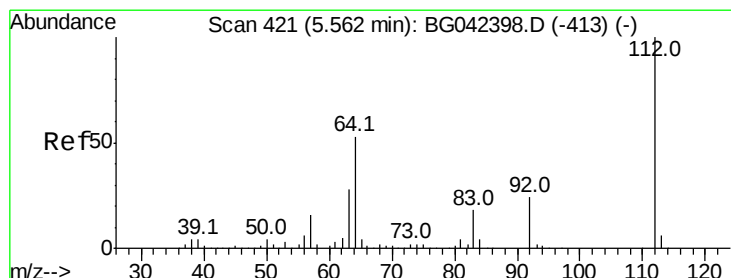
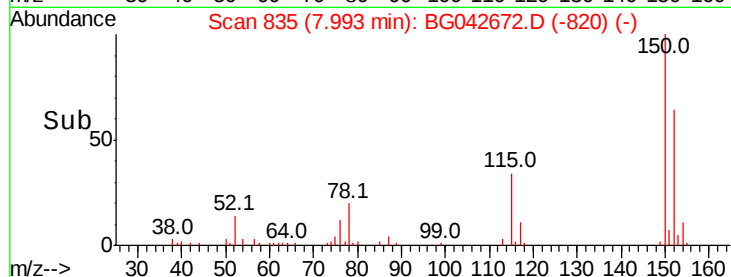
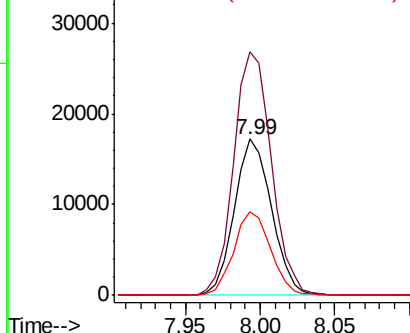
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042672.D
 Acq: 1 Sep 2019 21:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 29834
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.4 188.0
 115 53.5 38.5 57.7



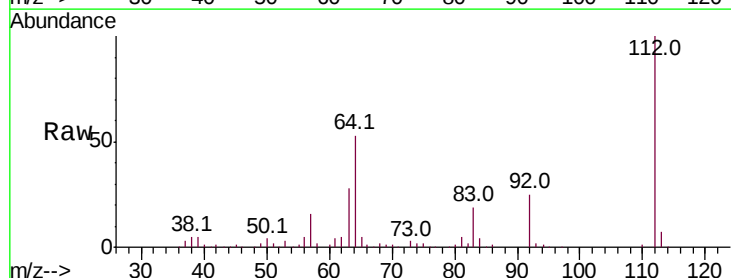
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



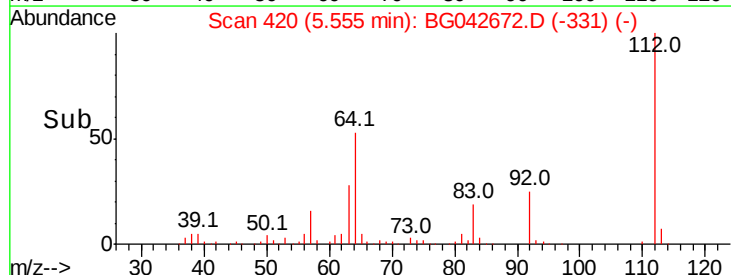
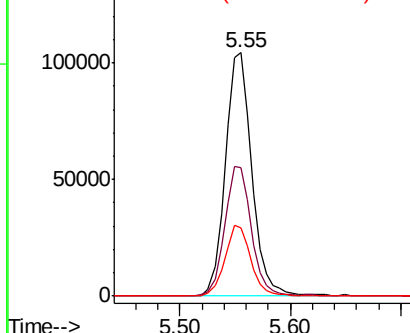
#5

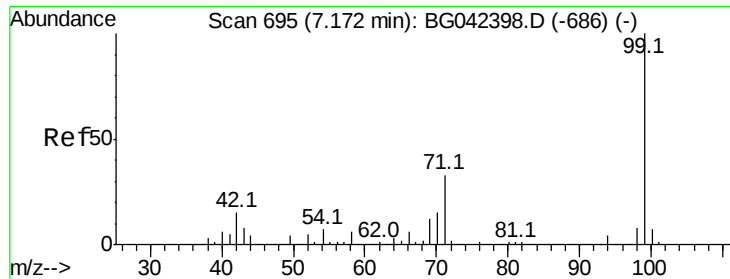
2-Fluorophenol
 Concen: 119.207 ng
 RT: 5.55 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042672.D
 Acq: 1 Sep 2019 21:49

Tgt Ion:112 Resp: 175601
 Ion Ratio Lower Upper
 112 100
 64 52.8 42.8 64.2
 63 28.1 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 118.246 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042672.D

Acq: 1 Sep 2019 21:49

Instrument :

BNA_G

ClientSampleId :

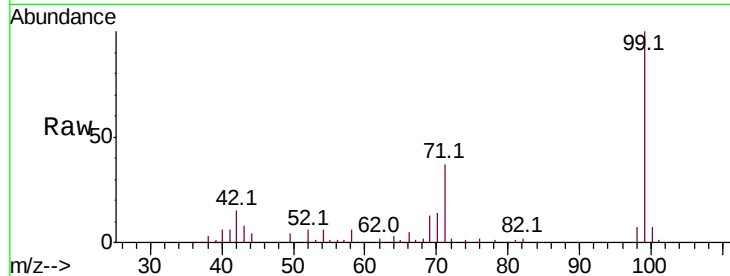
Tot Ion: 99 Resp: 235284

Ion Ratio Lower Upper

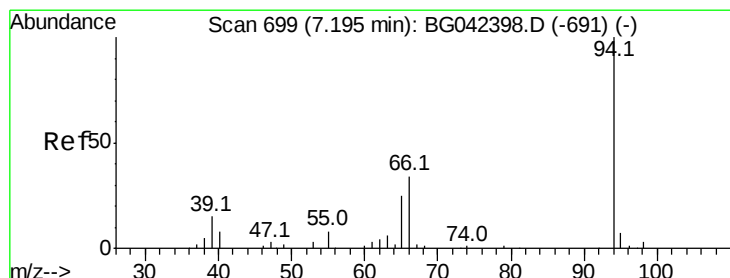
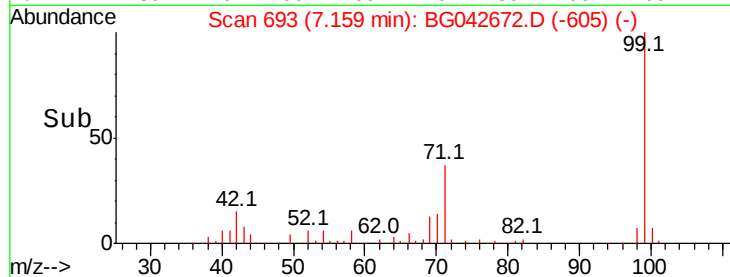
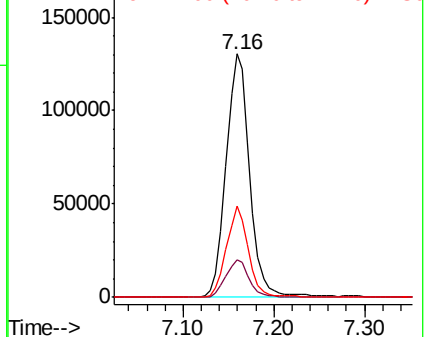
99 100

42 15.4 12.0 18.0

71 37.2 26.3 39.5



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



#10

Phenol

Concen: 10.732 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042672.D

Acq: 1 Sep 2019 21:49

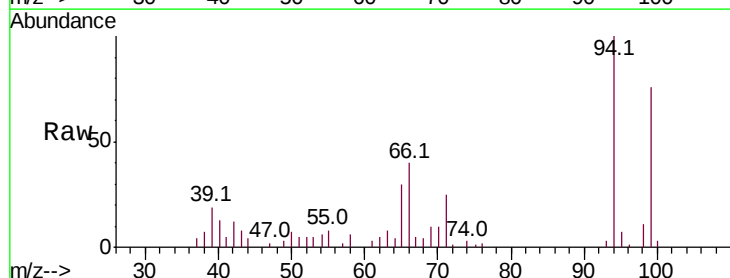
Tgt Ion: 94 Resp: 21711

Ion Ratio Lower Upper

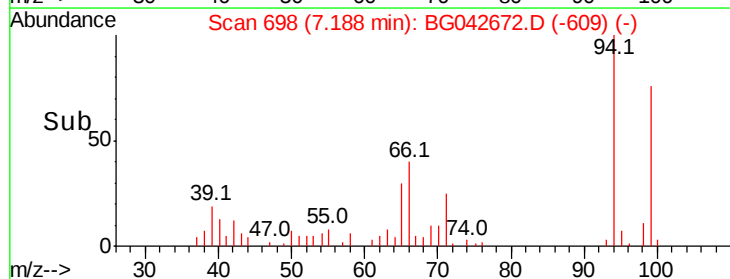
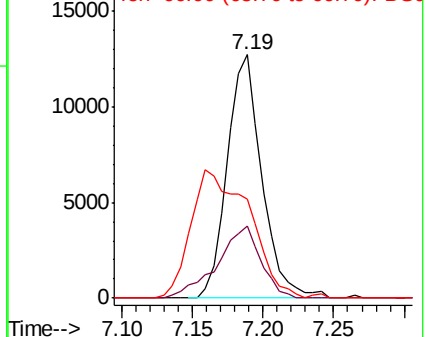
94 100

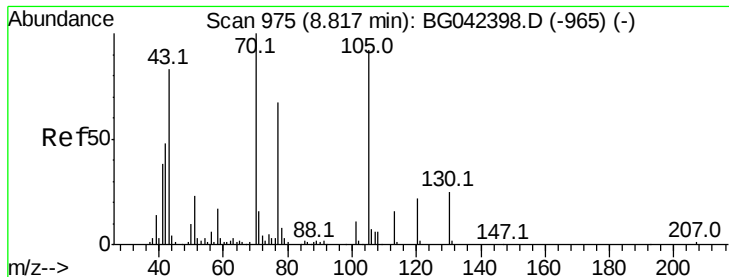
65 29.8 5.6 45.6

66 40.5 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 13.599 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042672.D

Acq: 1 Sep 2019 21:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 17530

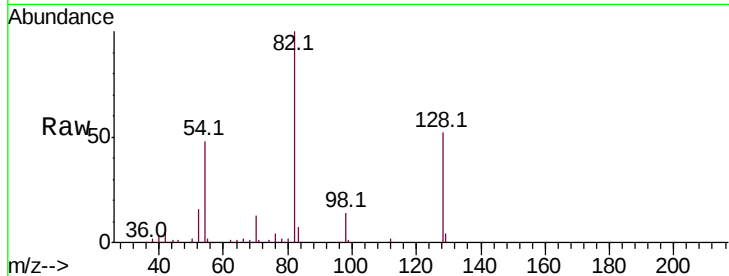
Ion Ratio Lower Upper

70 100

42 41.1 38.8 58.2

101 0.0 9.0 13.6#

130 0.0 20.0 30.0#

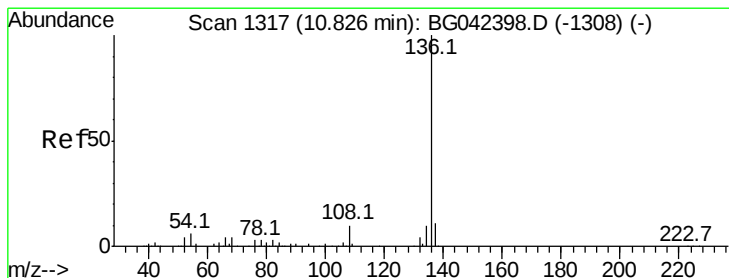
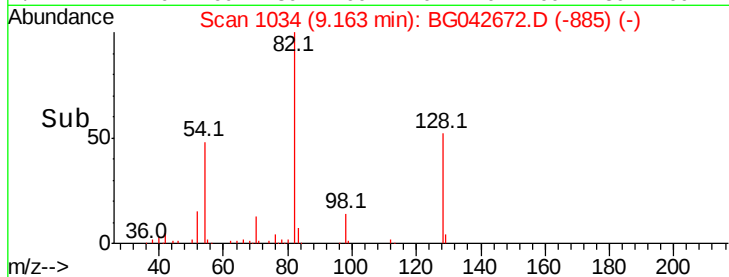
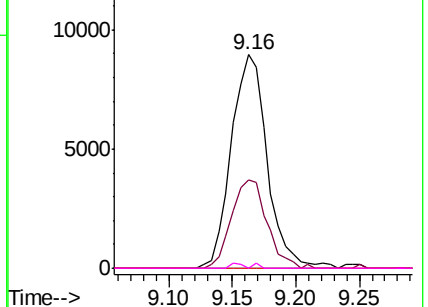


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042672.D

Acq: 1 Sep 2019 21:49

Tgt Ion:136 Resp: 113207

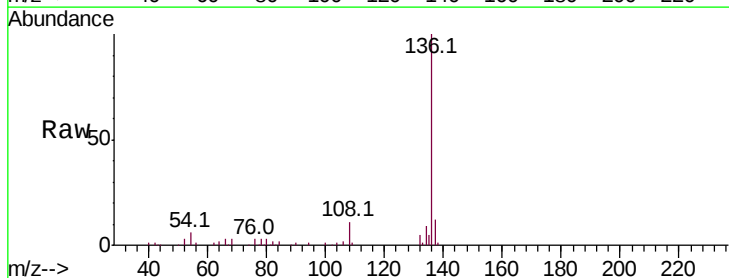
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 6.0 4.9 7.3

68 3.0 3.6 5.4#

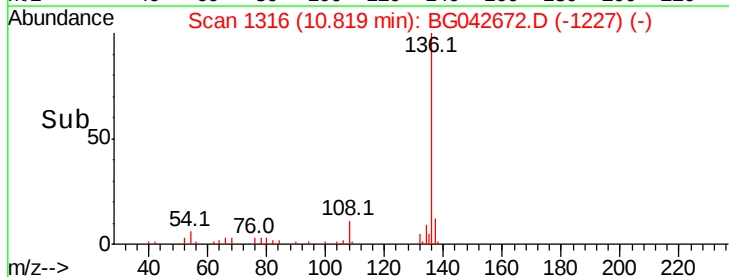
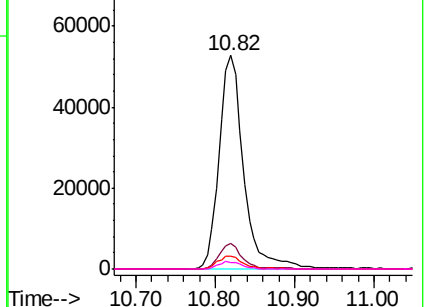


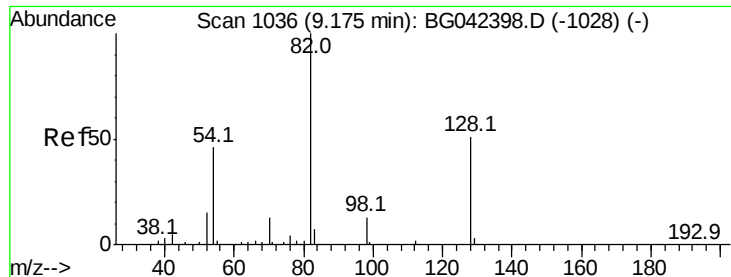
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

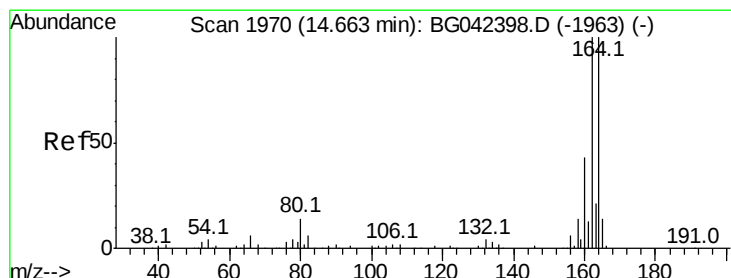
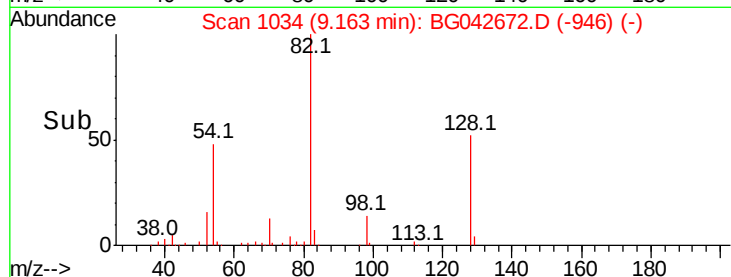
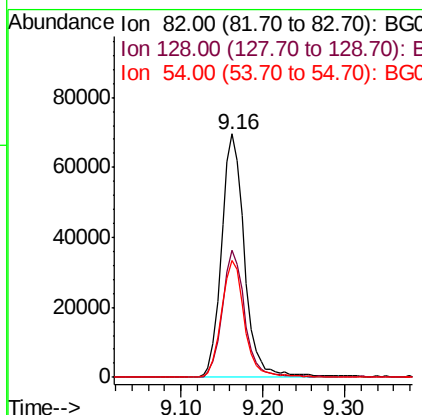
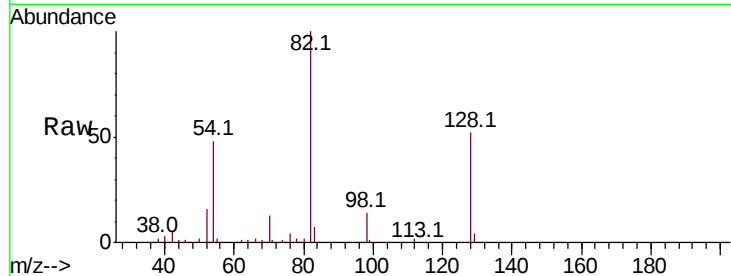




#23
 Nitrobenzene-d5
 Concen: 83.036 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042672.D
 Acq: 1 Sep 2019 21:49

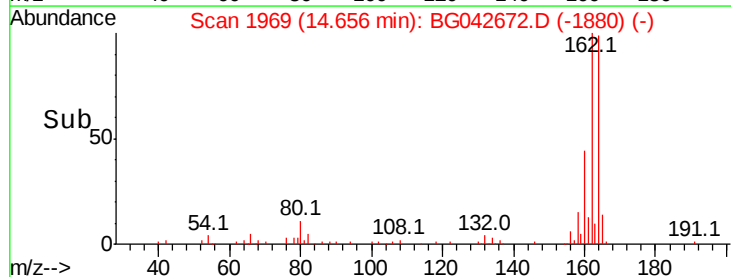
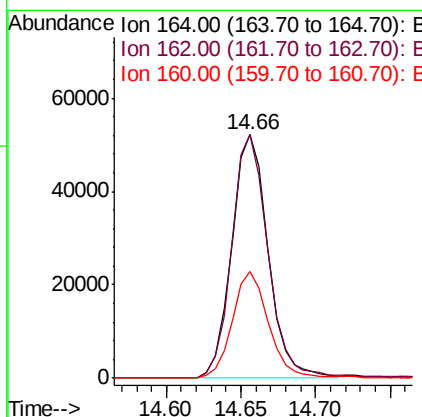
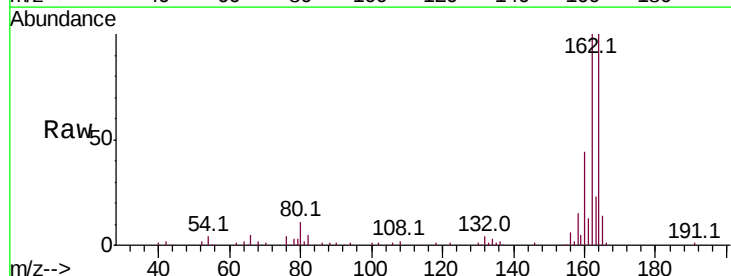
Instrument :
 BNA_G
 ClientSampled :

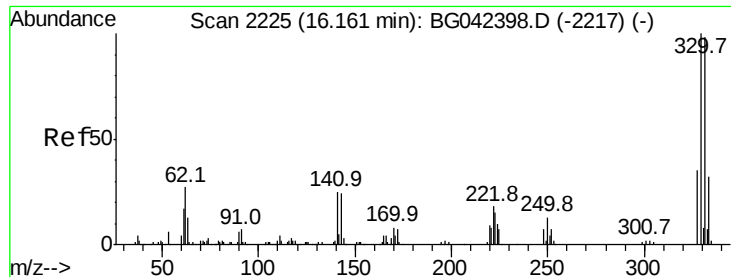
Tot Ion	82	Resp	136030
Ion Ratio	Lower	Upper	
82	100		
128	52.2	40.7	61.1
54	48.2	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042672.D
 Acq: 1 Sep 2019 21:49

Tgt Ion	164	Resp	88511
Ion Ratio	Lower	Upper	
164	100		
162	100.0	79.9	119.9
160	43.6	34.3	51.5

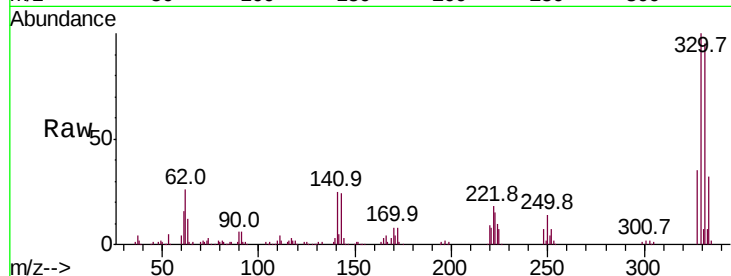




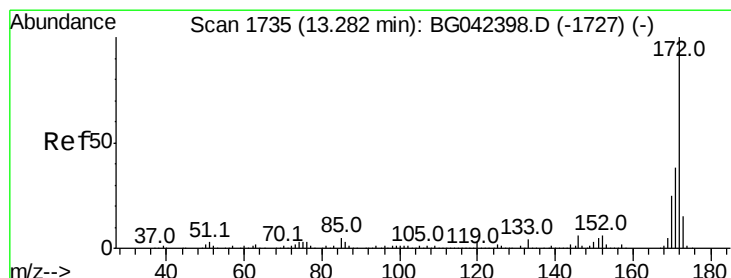
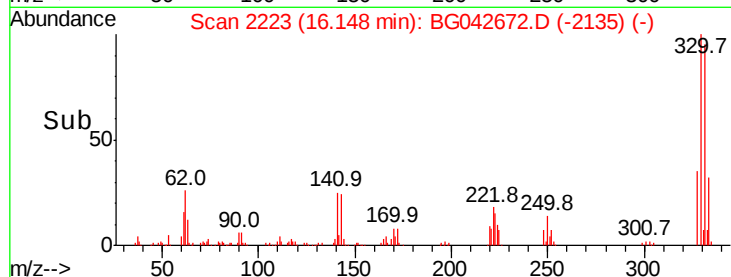
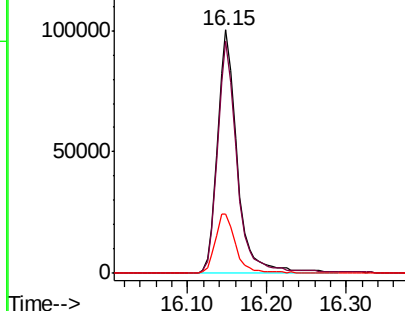
#42
 2,4,6-Tribromophenol
 Concen: 138.216 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042672.D
 Acq: 1 Sep 2019 21:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.0
141	25.8	21.4	32.0

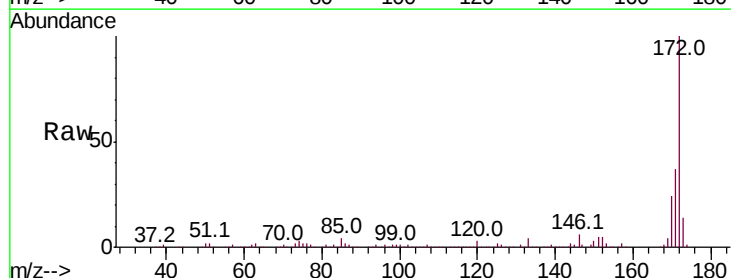


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

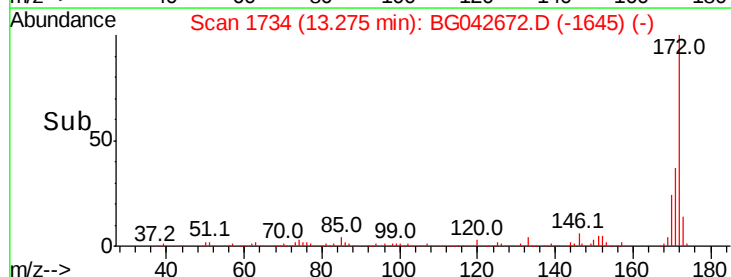
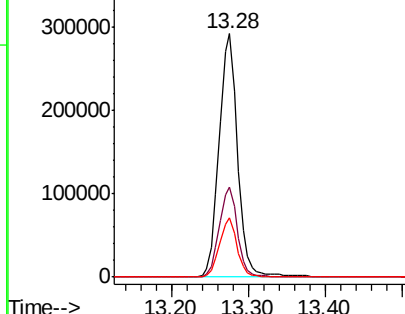


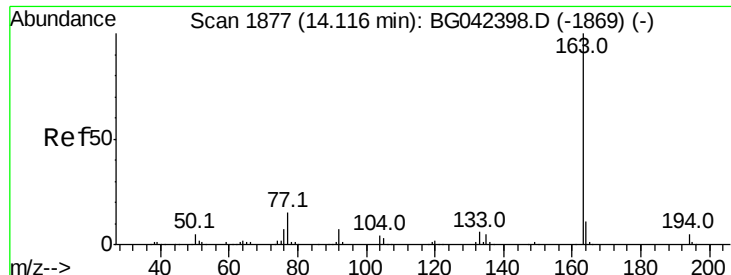
#45
 2-Fluorobiphenyl
 Concen: 92.919 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042672.D
 Acq: 1 Sep 2019 21:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.3	20.2	30.2



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

Dimethylphthalate

Concen: 6.800 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042672.D

Acq: 1 Sep 2019 21:49

Instrument :

BNA_G

ClientSampled :

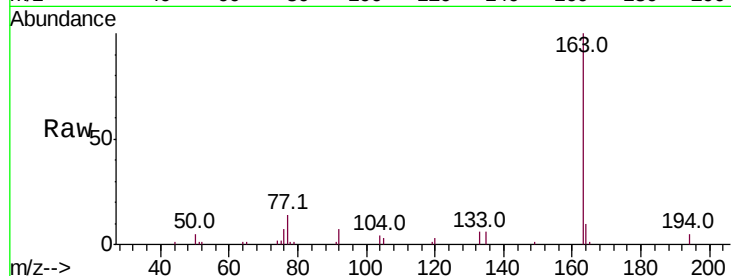
Tot Ion:163 Resp: 43428

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

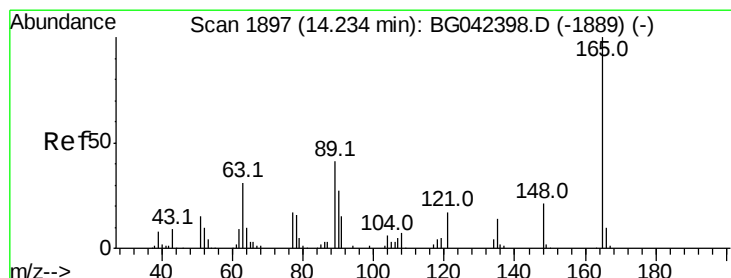
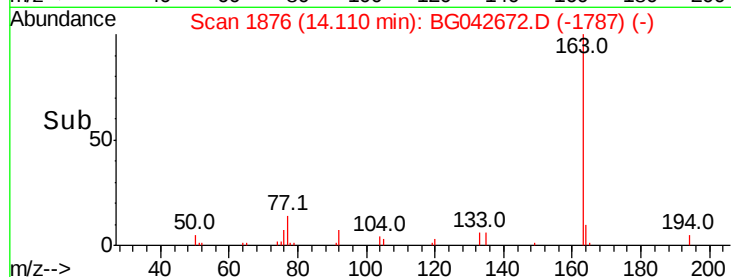
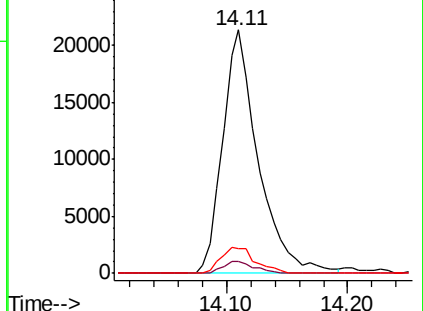
164 10.4 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.876 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.42 min

Lab File: BG042672.D

Acq: 1 Sep 2019 21:49

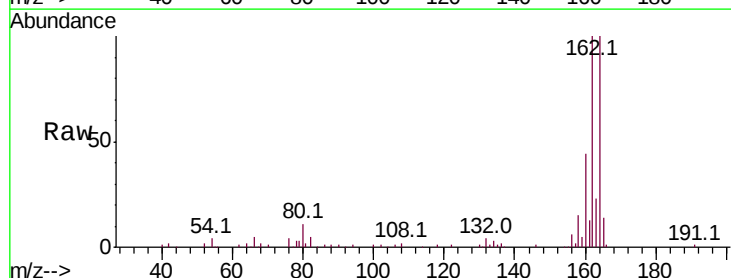
Tgt Ion:165 Resp: 11659

Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

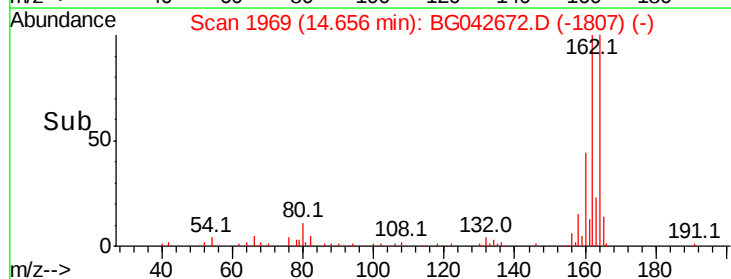
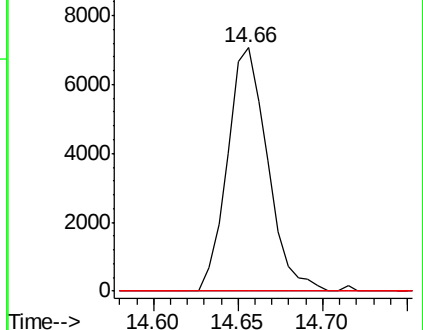
89 0.0 32.6 49.0#

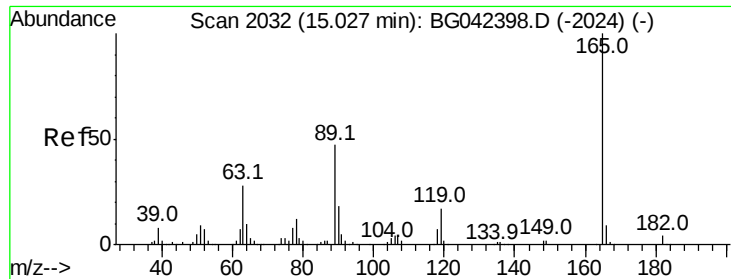


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

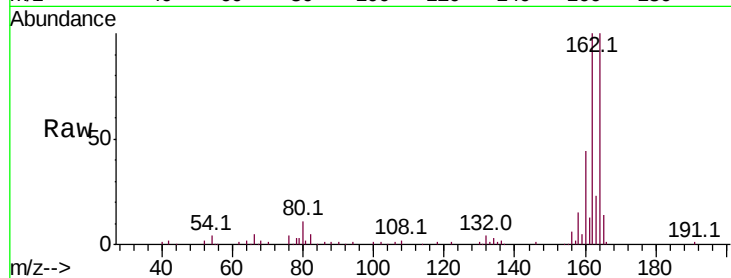




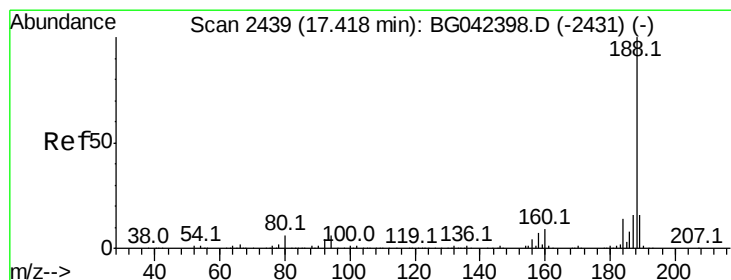
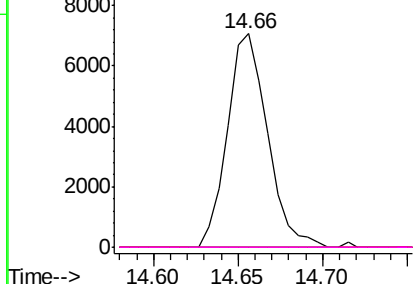
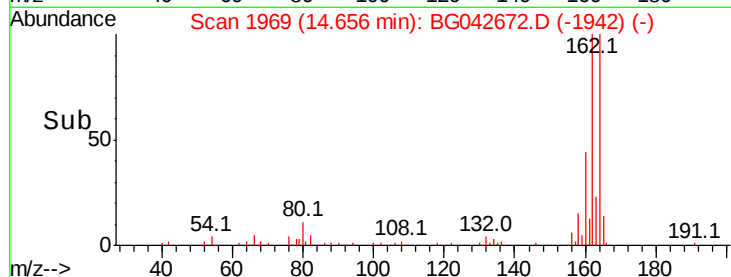
#57
 2,4-Dinitrotoluene
 Concen: 5.500 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042672.D
 Acq: 1 Sep 2019 21:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 11659
 Ion Ratio Lower Upper
 165 100
 63 0.0 22.5 33.7#
 89 0.0 37.8 56.6#
 182 0.0 3.0 4.4#

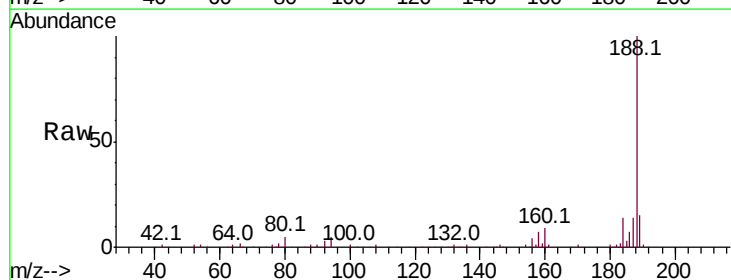


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

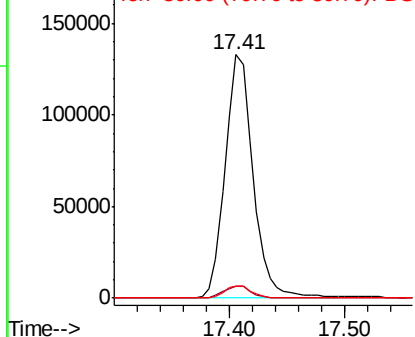
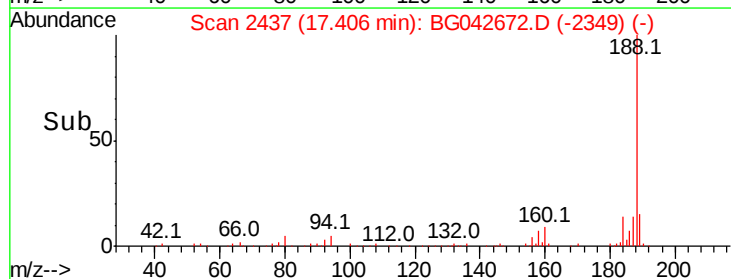


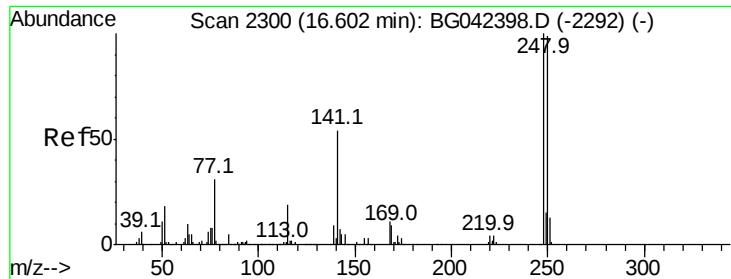
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042672.D
 Acq: 1 Sep 2019 21:49

Tgt Ion:188 Resp: 223252
 Ion Ratio Lower Upper
 188 100
 94 5.1 4.5 6.7
 80 5.0 4.9 7.3



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

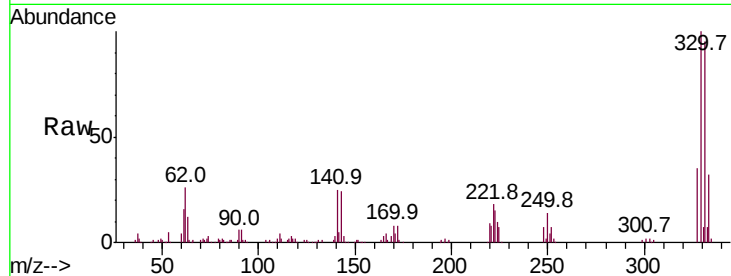




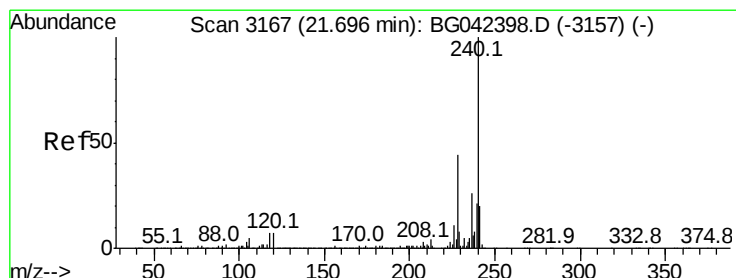
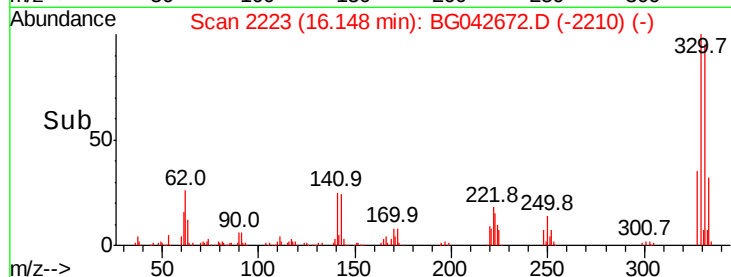
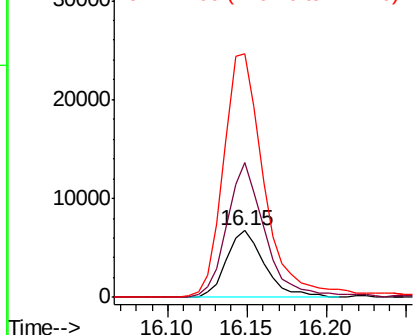
#67
4-Bromophenyl-phenylether
Concen: 3.974 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042672.D
Acq: 1 Sep 2019 21:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 11255
Ion Ratio Lower Upper
248 100
250 203.6 78.9 118.3#
141 366.3 43.3 64.9#

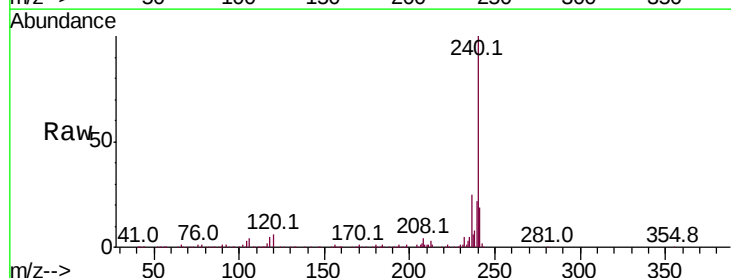


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

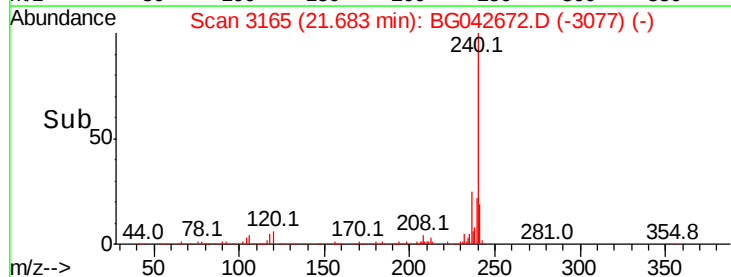
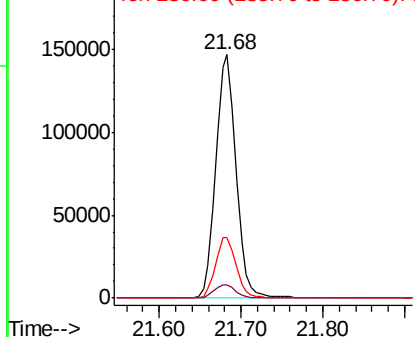


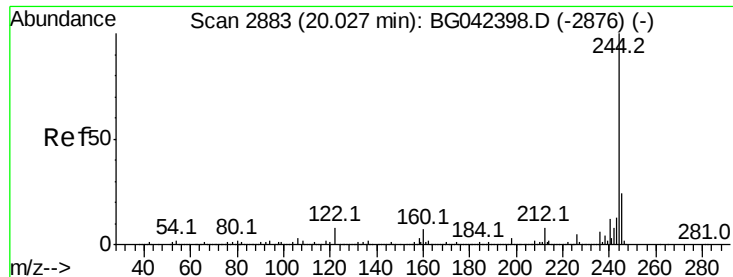
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042672.D
Acq: 1 Sep 2019 21:49

Tgt Ion:240 Resp: 254244
Ion Ratio Lower Upper
240 100
120 5.7 5.7 8.5#
236 25.1 21.0 31.4



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

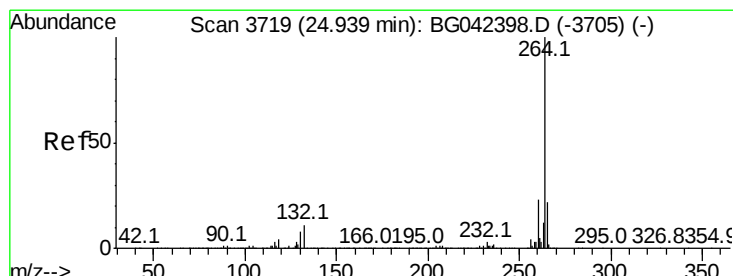
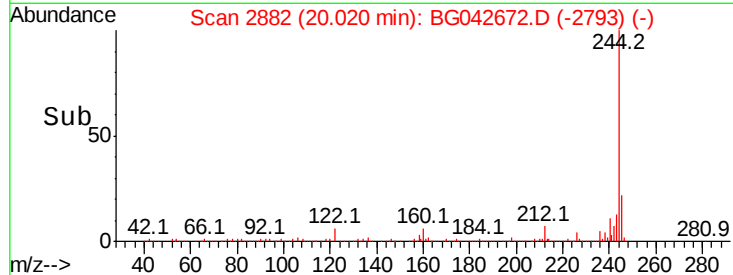
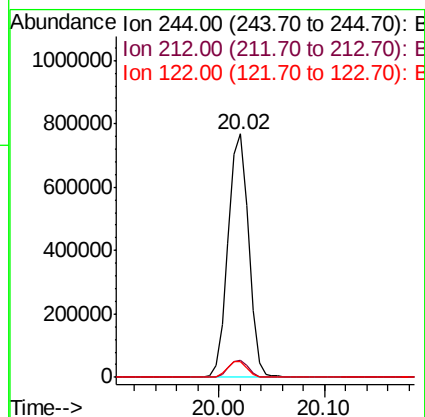
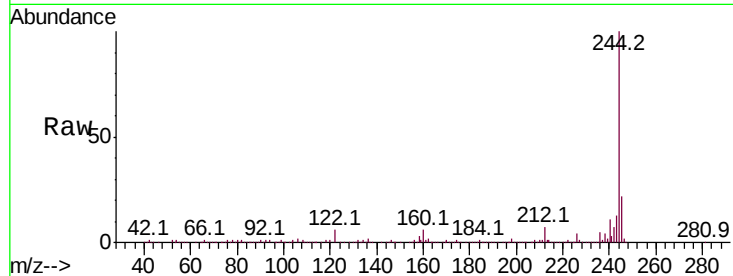




#79
 Terphenyl-d14
 Concen: 88.309 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042672.D
 Acq: 1 Sep 2019 21:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1038527
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 6.3 6.7 10.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042672.D
 Acq: 1 Sep 2019 21:49

Tgt Ion:264 Resp: 297937
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.5 27.7
 265 22.1 17.6 26.4

