

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042735.D
 Acq On : 6 Sep 2019 00:30
 Operator : HP/JU
 Sample : K4683-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 06:48:02 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

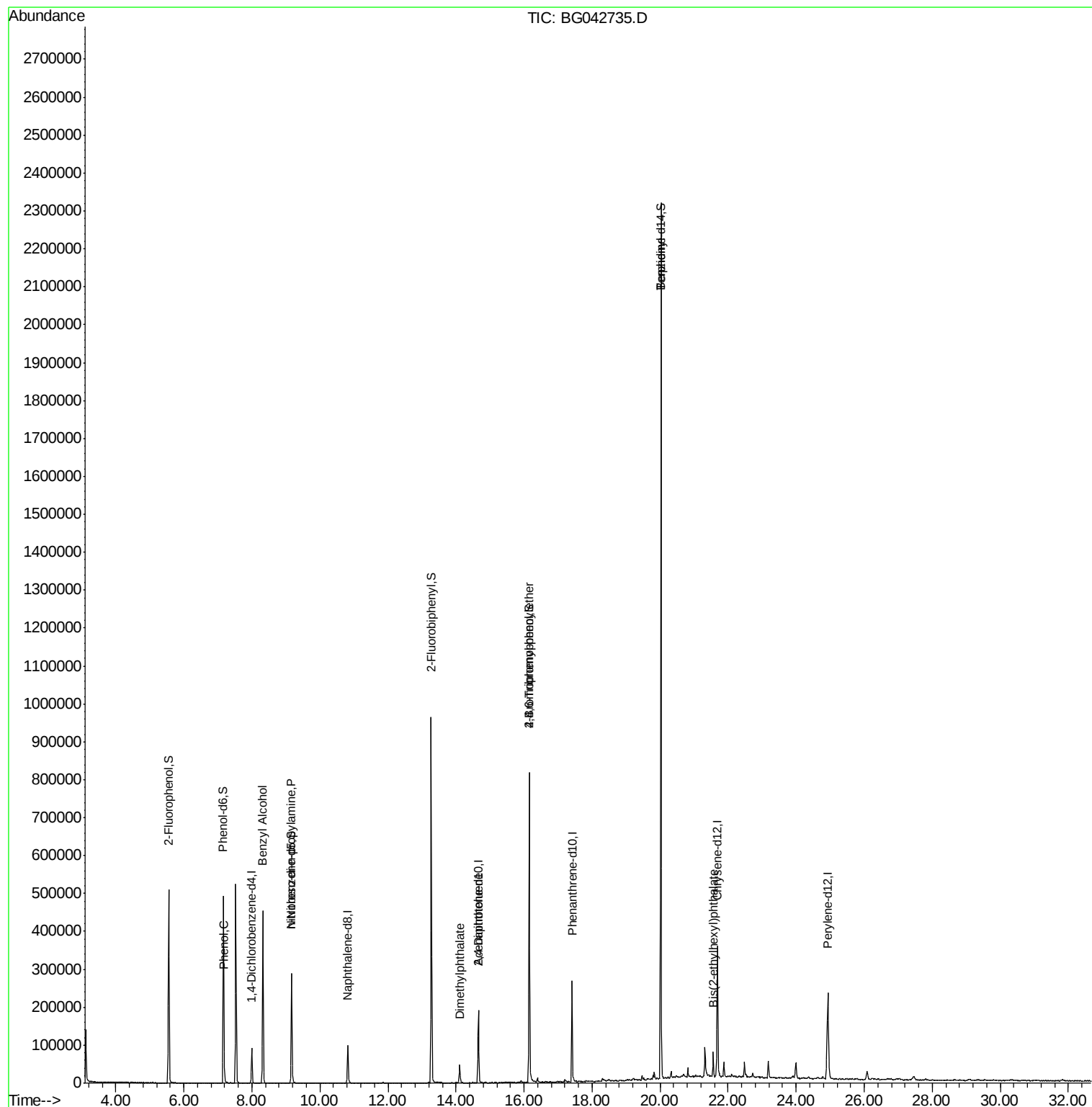
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30631	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	111014	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	79880	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	190448	20.00	ng	0.00
76) Chrysene-d12	21.69	240	226532	20.00	ng	0.00
87) Perylene-d12	24.93	264	267717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	250402	165.56	ng	0.00
7) Phenol-d6	7.16	99	323920	158.56	ng	0.00
23) Nitrobenzene-d5	9.17	82	182939	113.88	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	213462	188.01	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	609429	129.03	ng	0.00
79) Terphenyl-d14	20.02	244	1185930	113.18	ng	0.00
Target Compounds						
10) Phenol	7.19	94	6789	3.268	ng	# 67
15) Benzyl Alcohol	8.32	79	2970	2.021	ng	# 38
19) n-Nitroso-di-n-propylamine	9.17	70	24045	18.167	ng	# 75
50) Dimethylphthalate	14.11	163	49306	8.555	ng	97
57) 2,4-Dinitrotoluene	14.66	165	10535	5.507	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	14275	5.909	ng	# 1
77) Benzidine	20.02	184	15349	2.363	ng	# 91
84) Bis(2-ethylhexyl)phthalate	21.56	149	31260	4.122	ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042735.D
Acq On : 6 Sep 2019 00:30
Operator : HP/JU
Sample : K4683-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 06 06:48:02 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



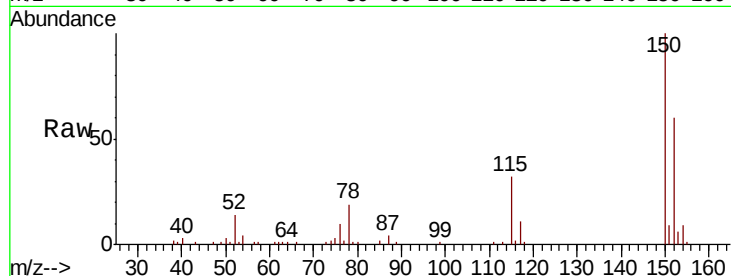


#1

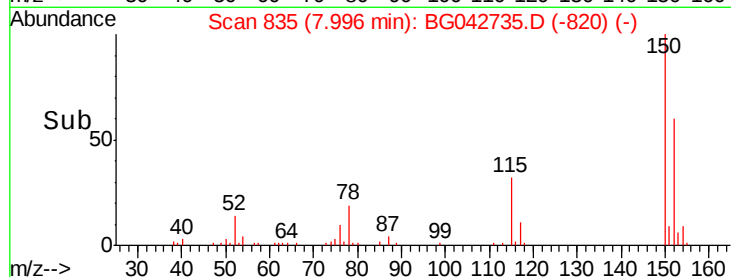
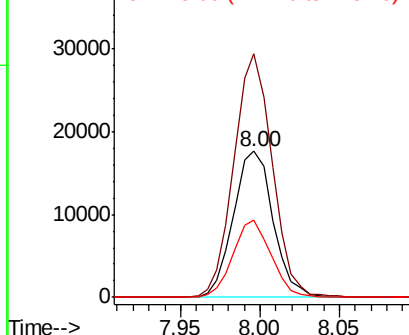
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30631
Ion Ratio Lower Upper
152 100
150 166.5 125.4 188.0
115 53.2 38.5 57.7



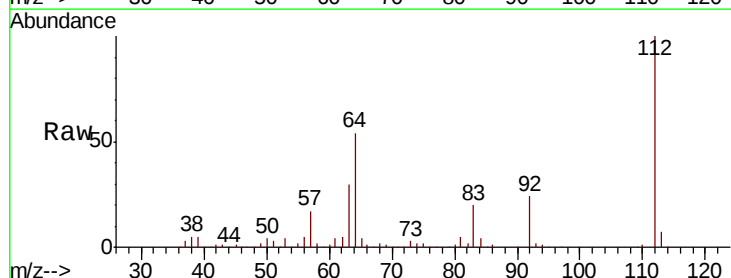
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



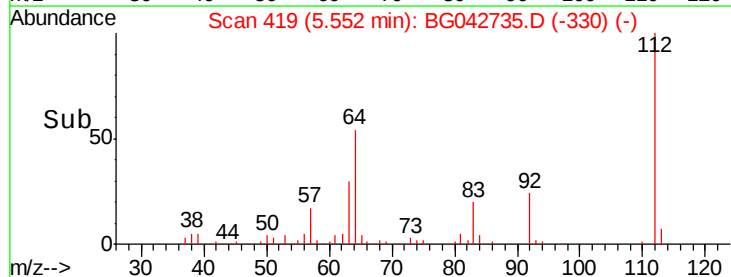
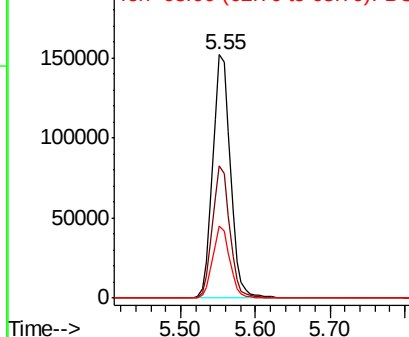
#5

2-Fluorophenol
Concen: 165.563 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Tgt Ion:112 Resp: 250402
Ion Ratio Lower Upper
112 100
64 54.2 42.8 64.2
63 29.9 22.7 34.1



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: 158.556 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042735.D

Acq: 6 Sep 2019 00:30

Instrument :

BNA_G

ClientSampled :

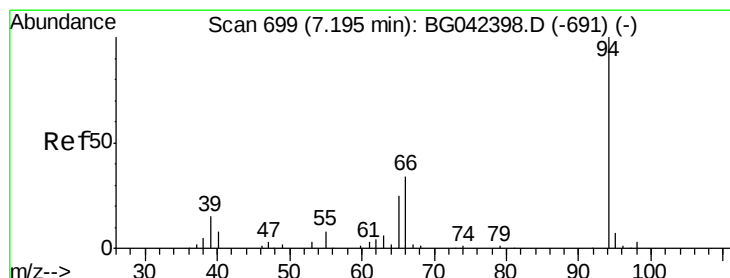
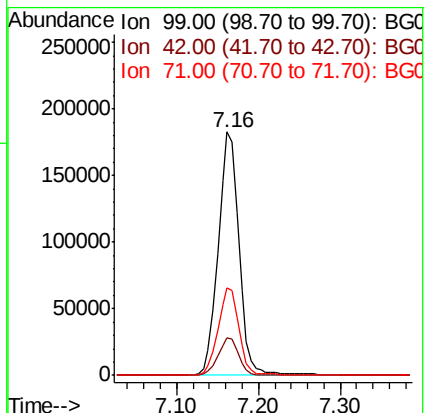
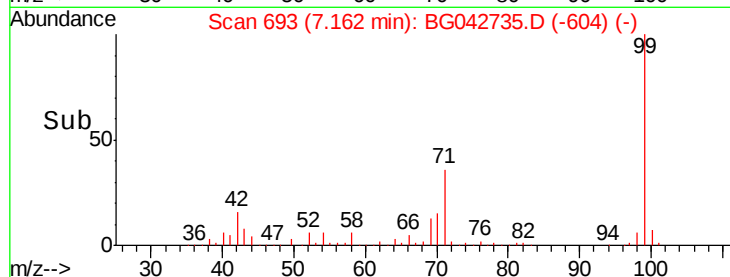
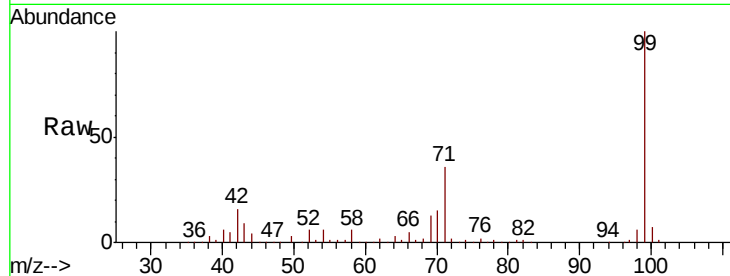
Tot Ion: 99 Resp: 323920

Ion Ratio Lower Upper

99 100

42 15.5 12.0 18.0

71 36.0 26.3 39.5



#10

Phenol

Concen: 3.268 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042735.D

Acq: 6 Sep 2019 00:30

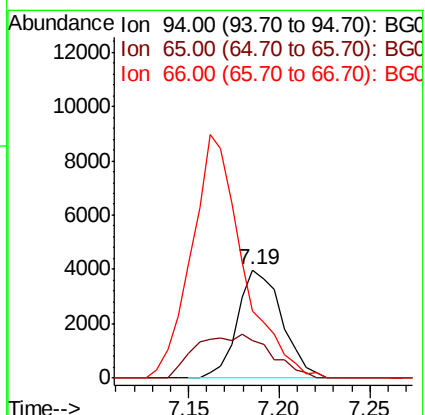
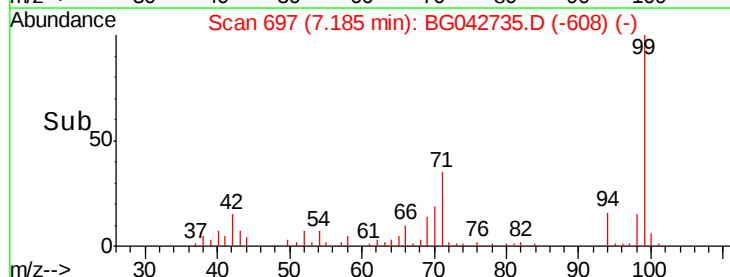
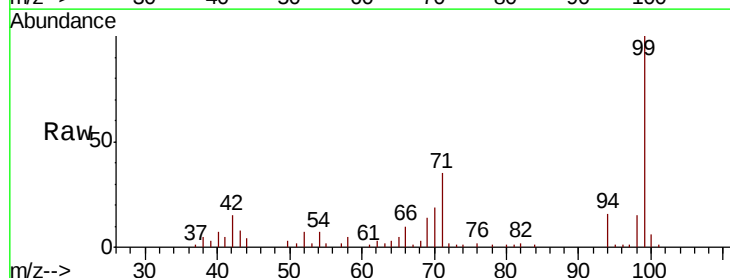
Tgt Ion: 94 Resp: 6789

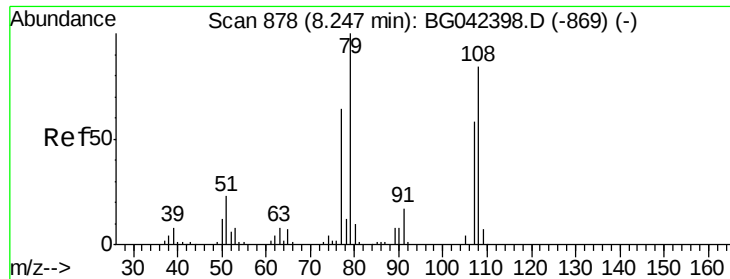
Ion Ratio Lower Upper

94 100

65 34.5 5.6 45.6

66 61.8 16.0 56.0#





#15

Benzyl Alcohol

Concen: 2.021 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.07 min

Lab File: BG042735.D

Acq: 6 Sep 2019 00:30

Instrument :

BNA_G

ClientSampled :

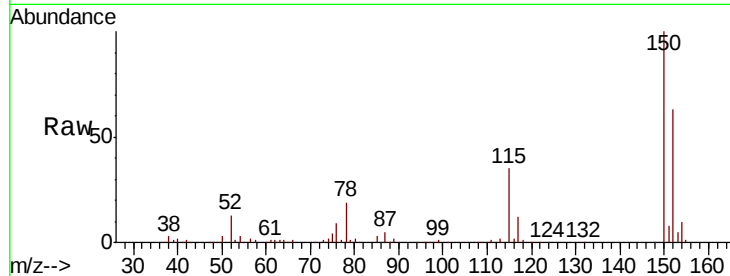
Tot Ion: 79 Resp: 2970

Ion Ratio Lower Upper

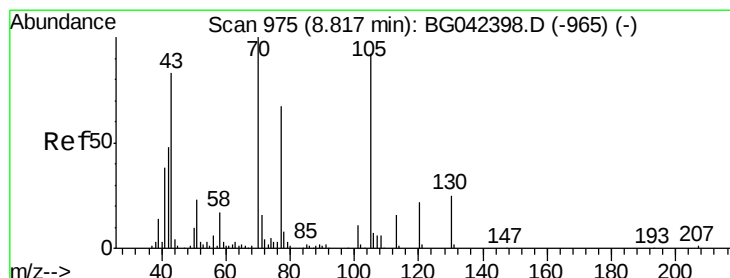
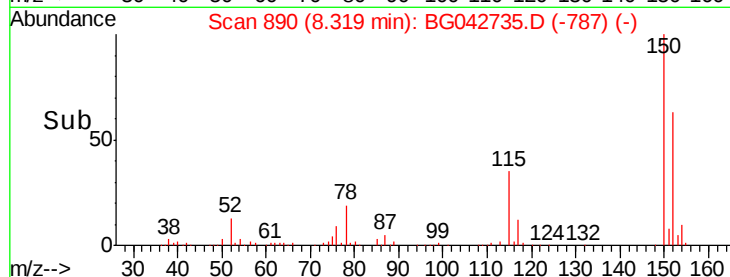
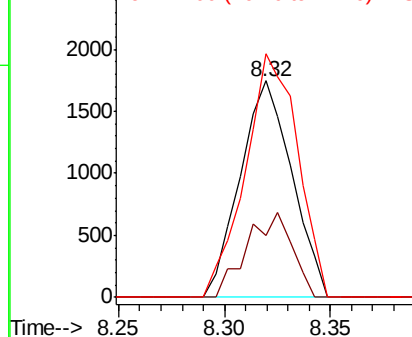
79 100

108 28.8 67.4 101.2#

77 112.6 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 18.167 ng

RT: 9.17 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042735.D

Acq: 6 Sep 2019 00:30

Tgt Ion: 70 Resp: 24045

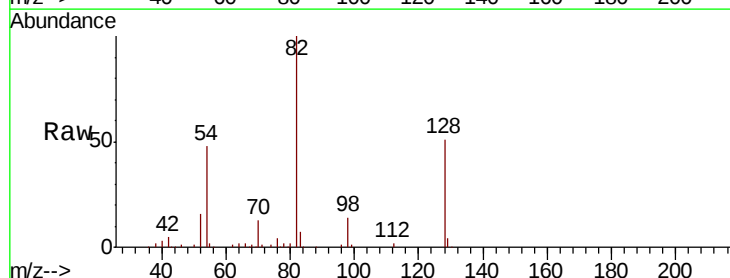
Ion Ratio Lower Upper

70 100

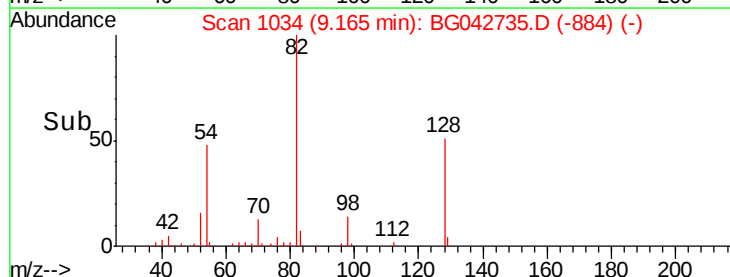
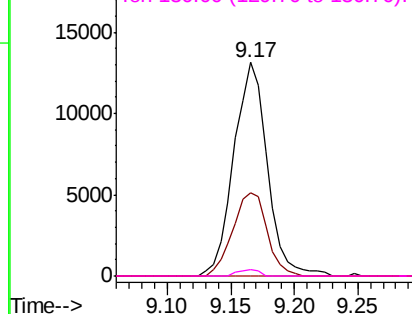
42 38.9 38.8 58.2

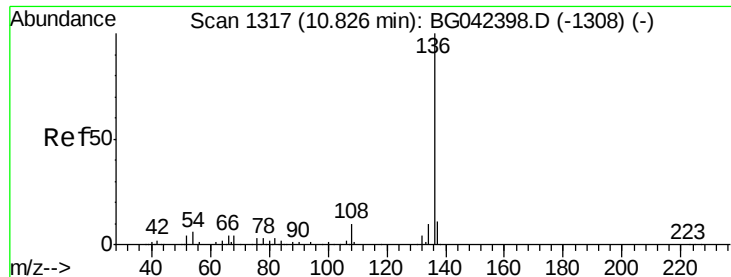
101 0.0 9.0 13.6#

130 2.9 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

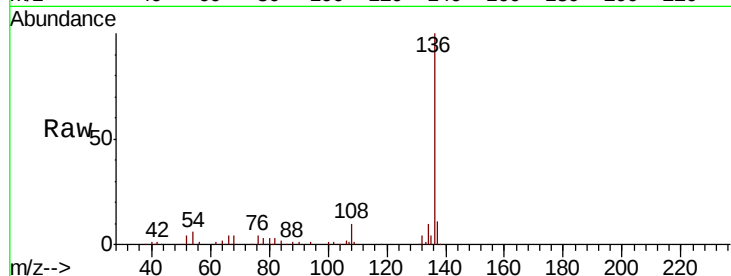




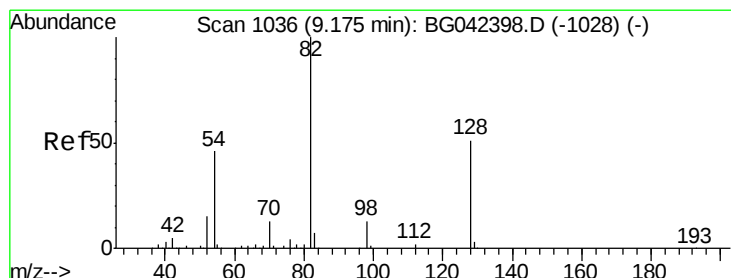
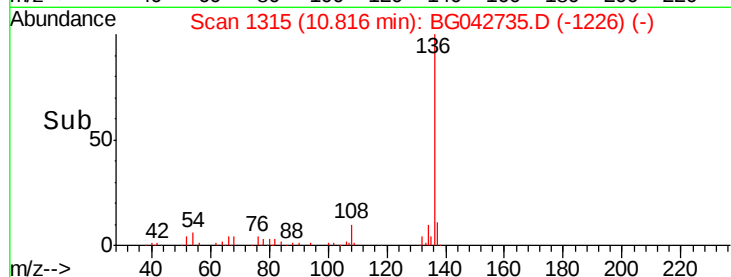
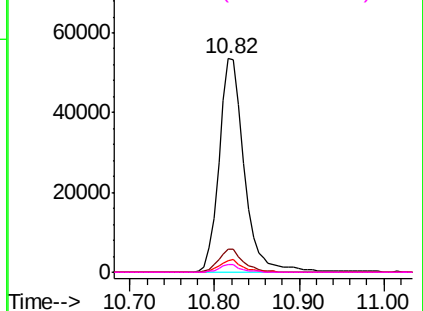
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	111014
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 5.5	4.9	7.3
68 3.7	3.6	5.4

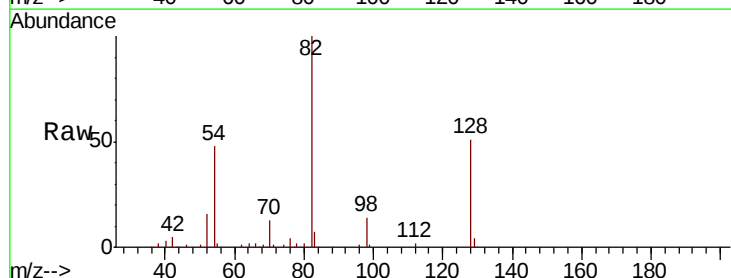


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

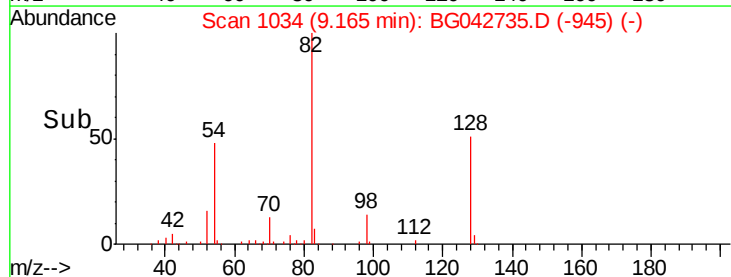
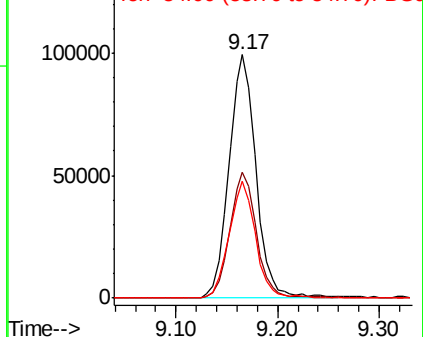


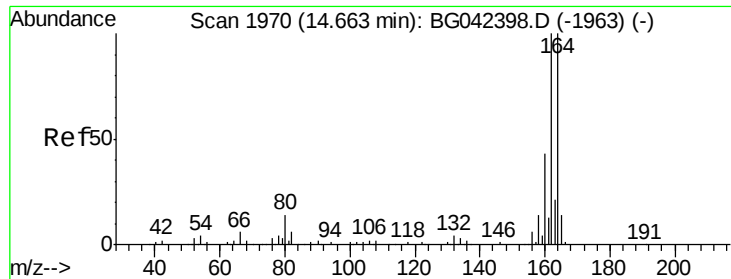
#23
Nitrobenzene-d5
Concen: 113.876 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Tgt	Ion: 82	Resp:	182939
Ion	Ratio	Lower	Upper
82	100		
128	51.5	40.7	61.1
54	48.2	36.3	54.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042735.D

Acq: 6 Sep 2019 00:30

Instrument :

BNA_G

ClientSampleId :

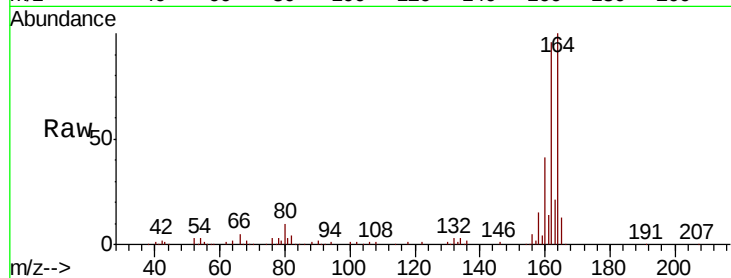
Tot Ion:164 Resp: 79880

Ion Ratio Lower Upper

164 100

162 95.7 79.9 119.9

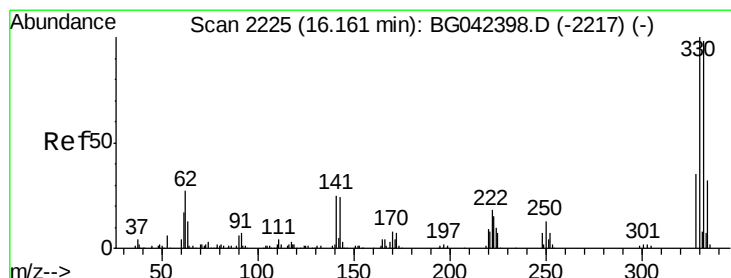
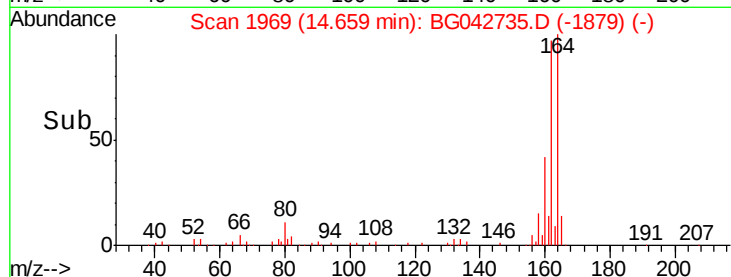
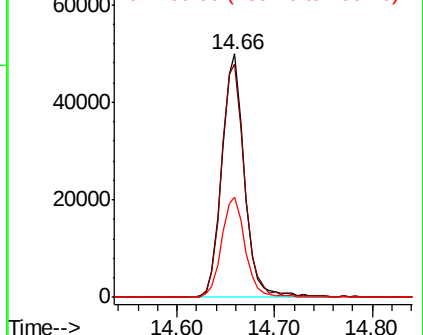
160 41.3 34.3 51.5



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: 188.012 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042735.D

Acq: 6 Sep 2019 00:30

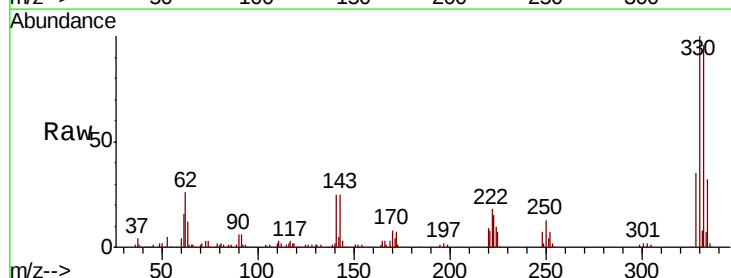
Tgt Ion:330 Resp: 213462

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

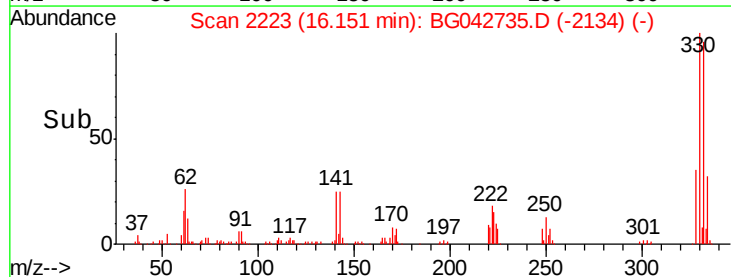
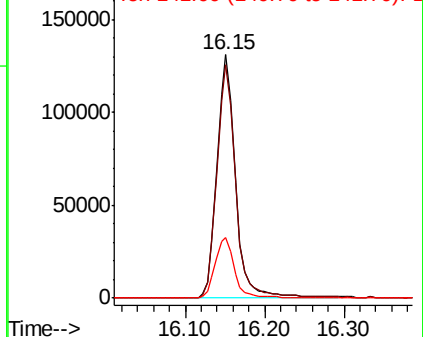
141 26.2 21.4 32.0

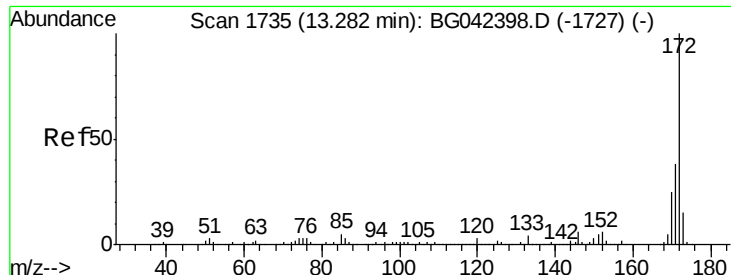


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

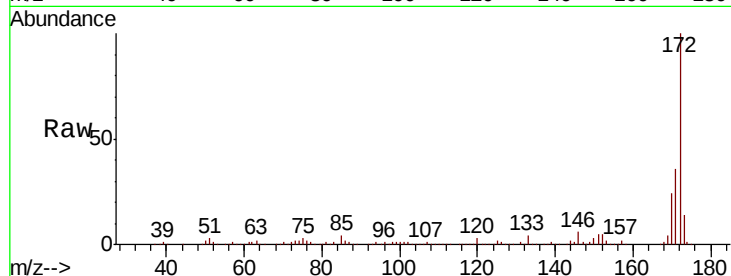




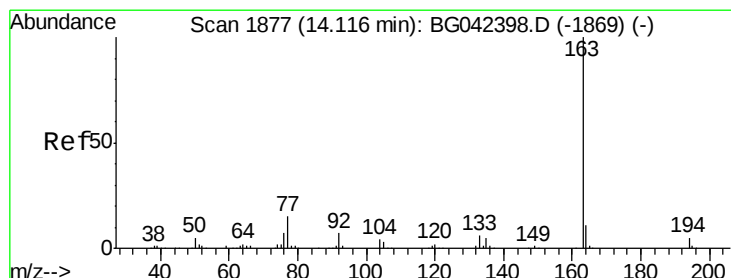
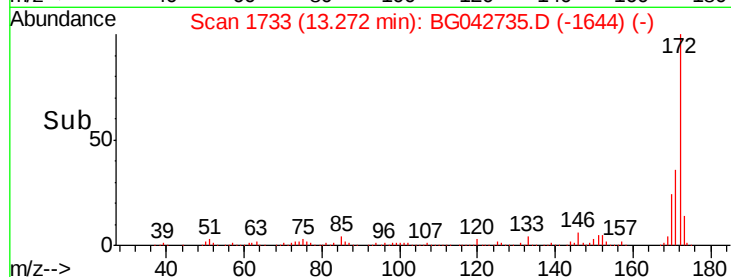
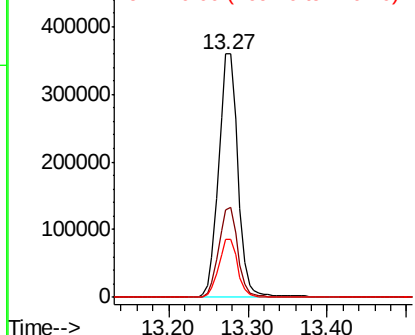
#45
2-Fluorobiphenyl
Concen: 129.033 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 609429
Ion Ratio Lower Upper
172 100
171 35.9 30.5 45.7
170 24.0 20.2 30.2

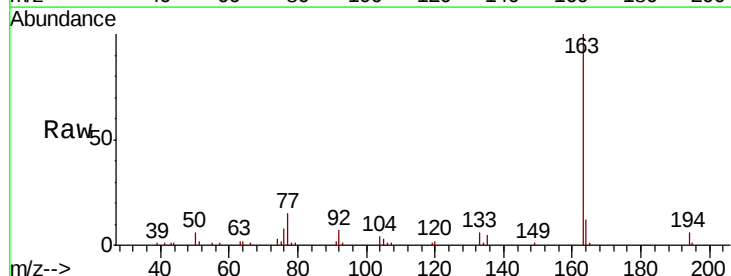


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

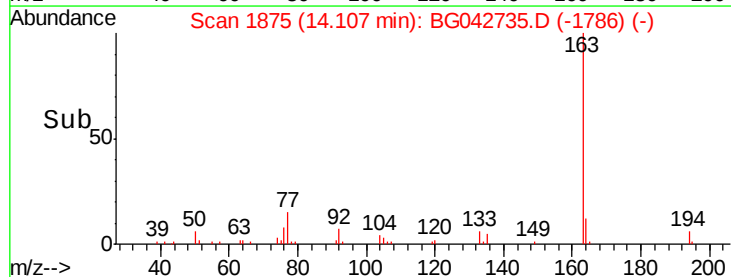
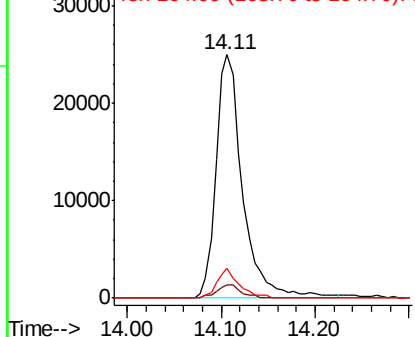


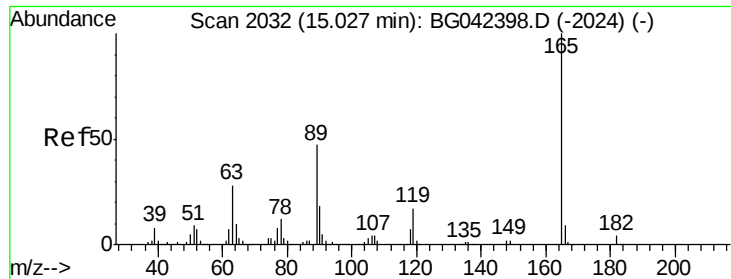
#50
Dimethylphthalate
Concen: 8.555 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042735.D
Acq: 6 Sep 2019 00:30

Tgt Ion:163 Resp: 49306
Ion Ratio Lower Upper
163 100
194 5.7 4.2 6.2
164 12.1 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

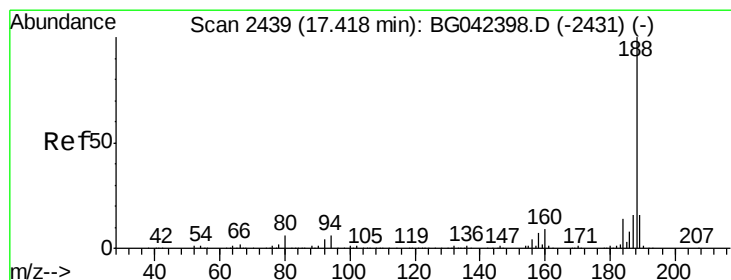
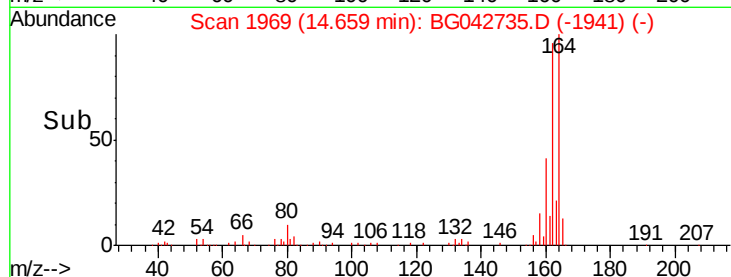
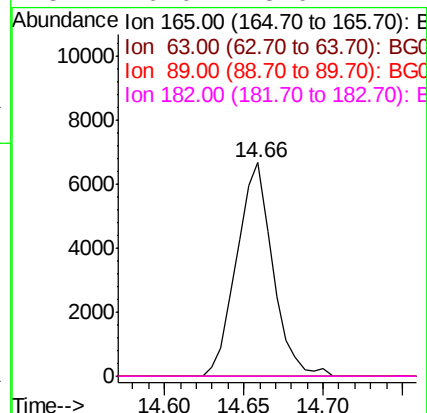
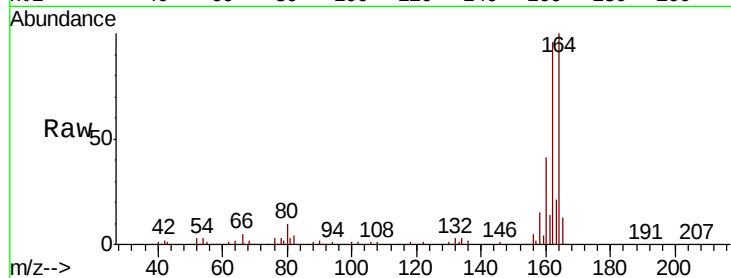




#57
 2,4-Dinitrotoluene
 Concen: 5.507 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042735.D
 Acq: 6 Sep 2019 00:30

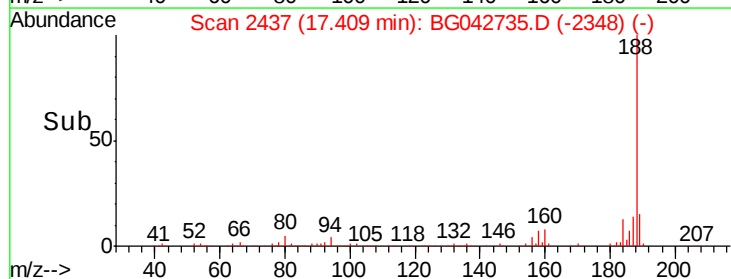
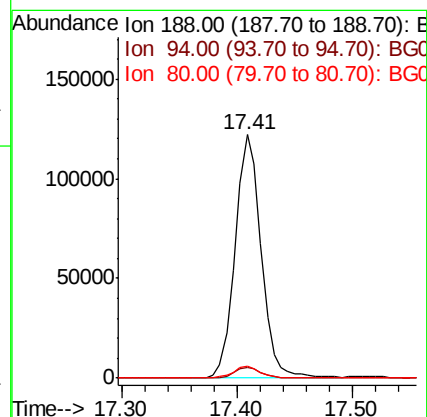
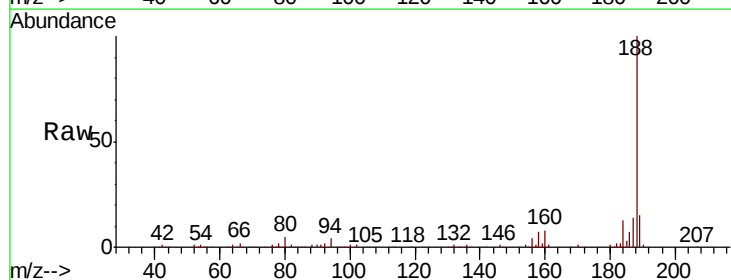
Instrument :
 BNA_G
 ClientSampleId :

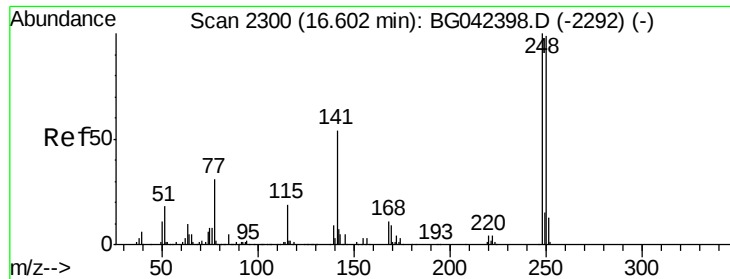
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042735.D
 Acq: 6 Sep 2019 00:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.5	6.7
80	4.8	4.9	7.3#

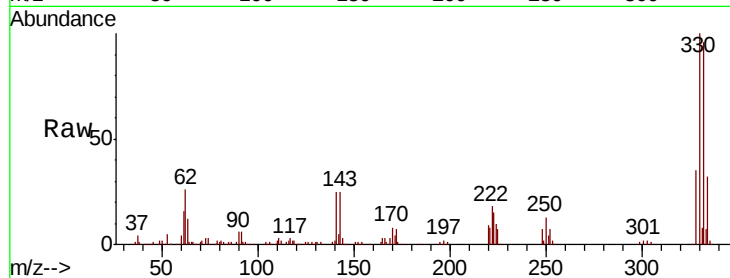




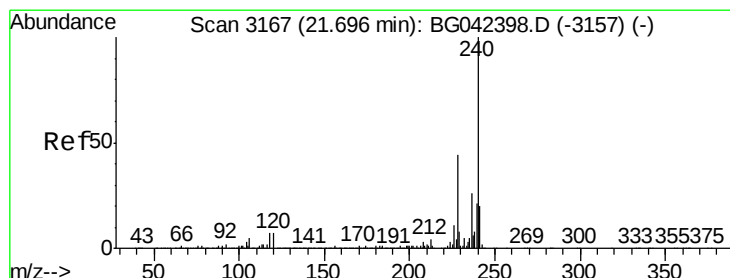
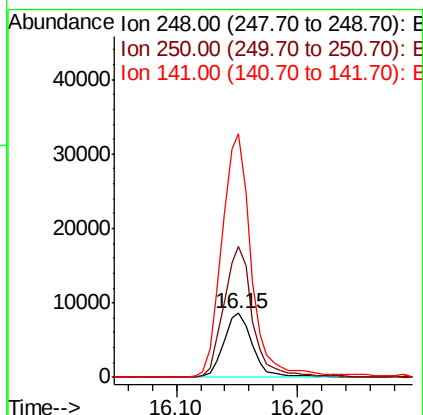
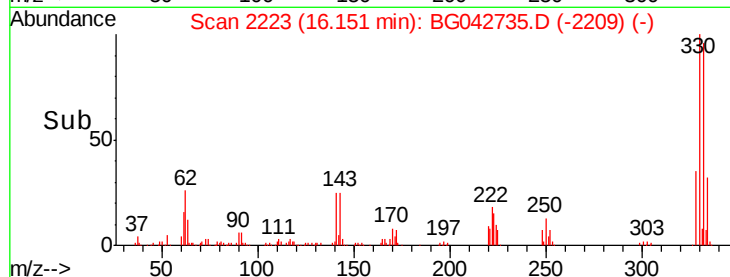
#67
 4-Bromophenyl-phenylether
 Concen: 5.909 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042735.D
 Acq: 6 Sep 2019 00:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 14275
 Ion Ratio Lower Upper
 248 100
 250 205.0 78.9 118.3#
 141 381.7 43.3 64.9#

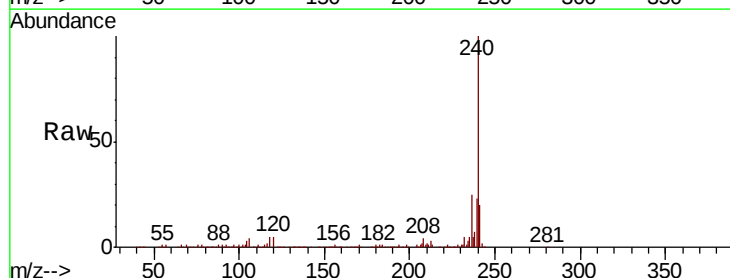


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

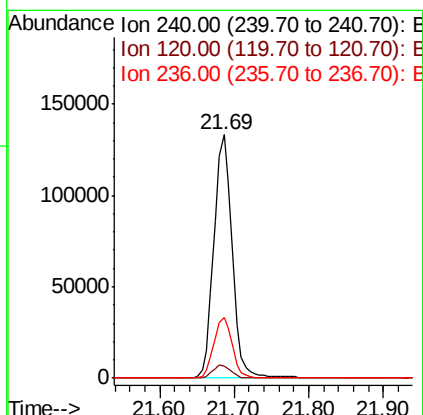
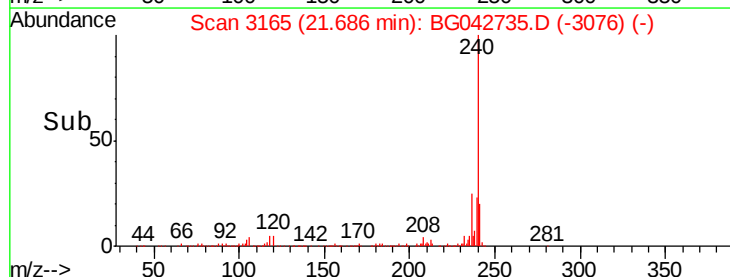


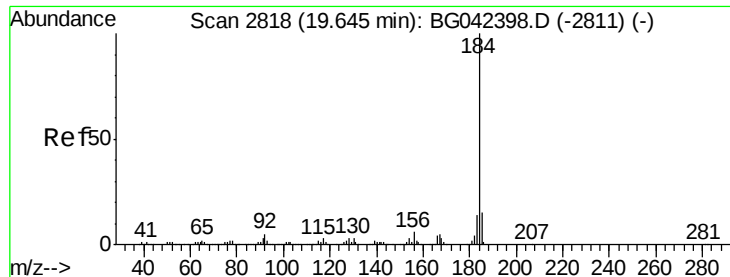
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042735.D
 Acq: 6 Sep 2019 00:30

Tgt Ion:240 Resp: 226532
 Ion Ratio Lower Upper
 240 100
 120 5.1 5.7 8.5#
 236 24.9 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





#77

Benzidine

Concen: 2.363 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.38 min

Lab File: BG042735.D

Acq: 6 Sep 2019 00:30

Instrument :

BNA_G

ClientSampleId :

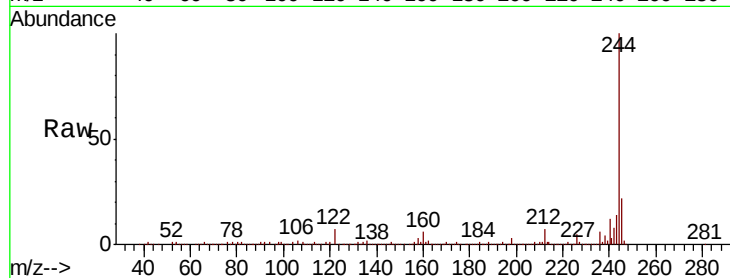
Tot Ion:184 Resp: 15349

Ion Ratio Lower Upper

184 100

185 18.7 12.2 18.4#

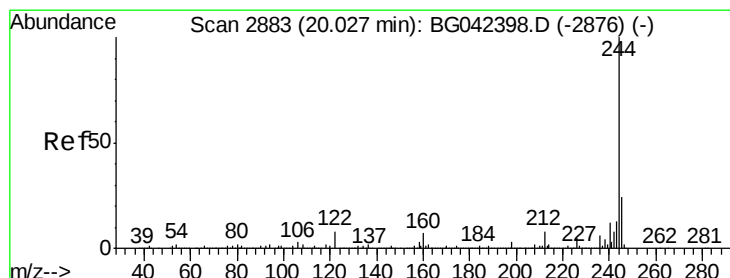
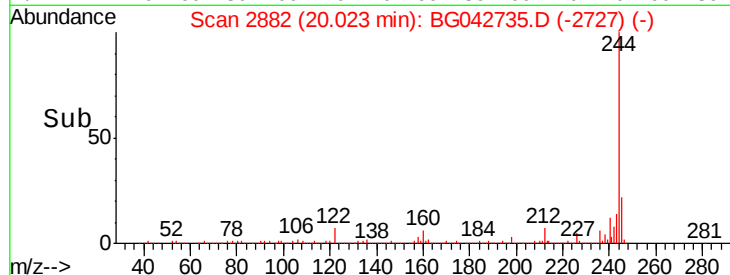
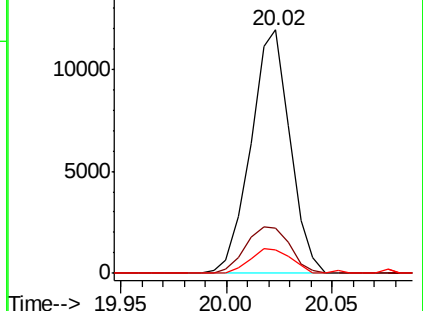
183 9.8 10.8 16.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 113.180 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042735.D

Acq: 6 Sep 2019 00:30

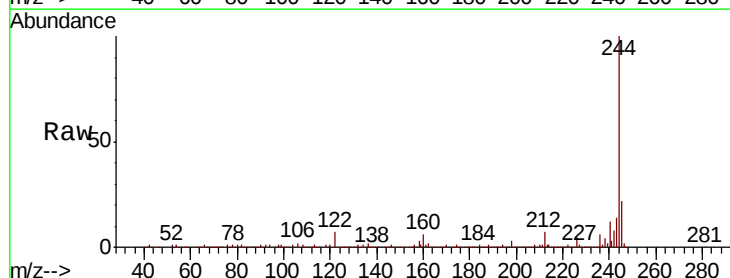
Tgt Ion:244 Resp: 1185930

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

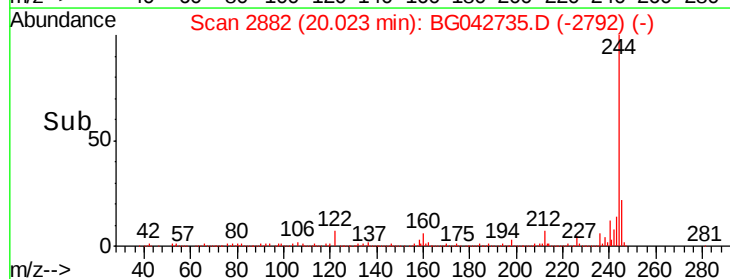
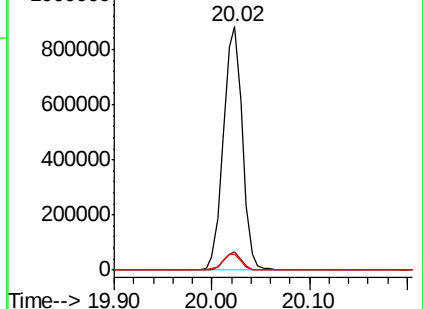
122 6.7 6.7 10.1#

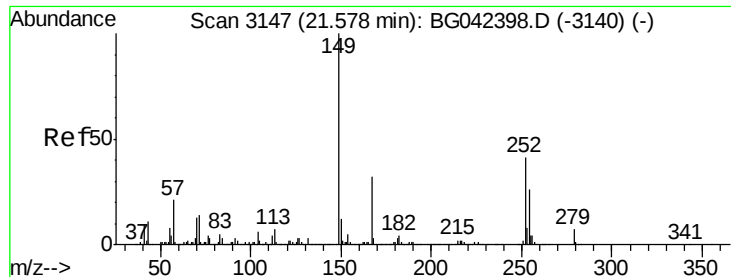


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.122 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG042735.D

Acq: 6 Sep 2019 00:30

Instrument :

BNA_G

ClientSampleId :

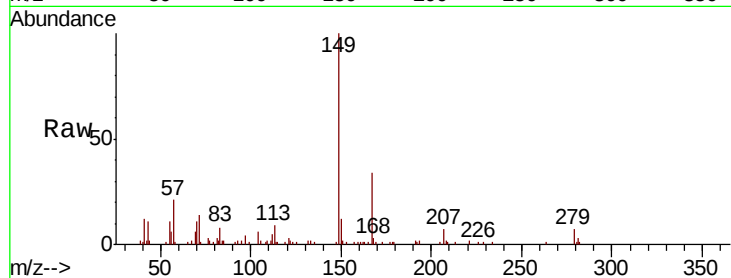
Tot Ion:149 Resp: 31260

Ion Ratio Lower Upper

149 100

167 34.2 26.0 39.0

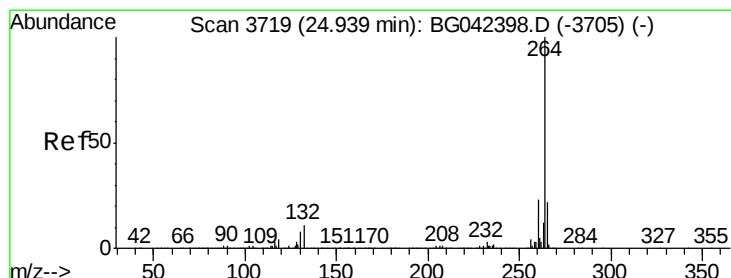
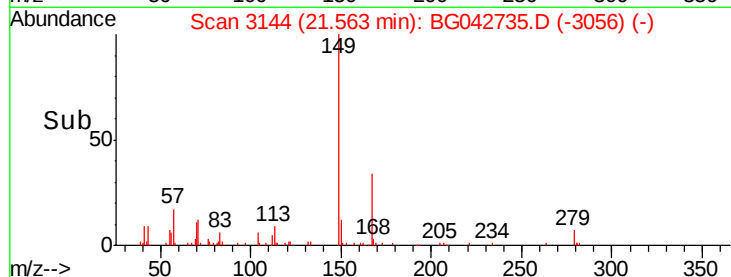
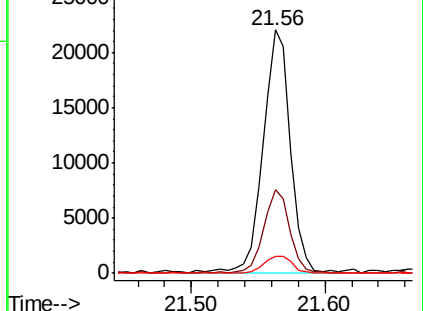
279 6.9 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042735.D

Acq: 6 Sep 2019 00:30

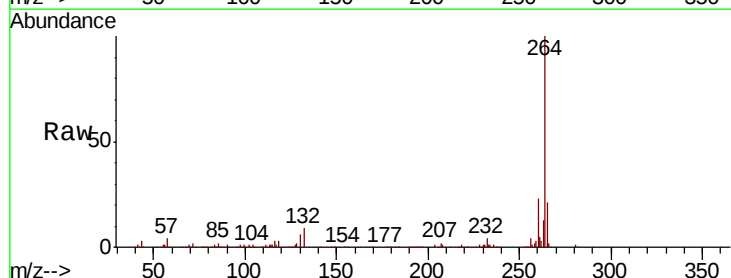
Tgt Ion:264 Resp: 267717

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.3 17.6 26.4



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

