

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042699.D
 Acq On : 3 Sep 2019 21:40
 Operator : HP/JU
 Sample : K4554-25
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 04:08:36 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

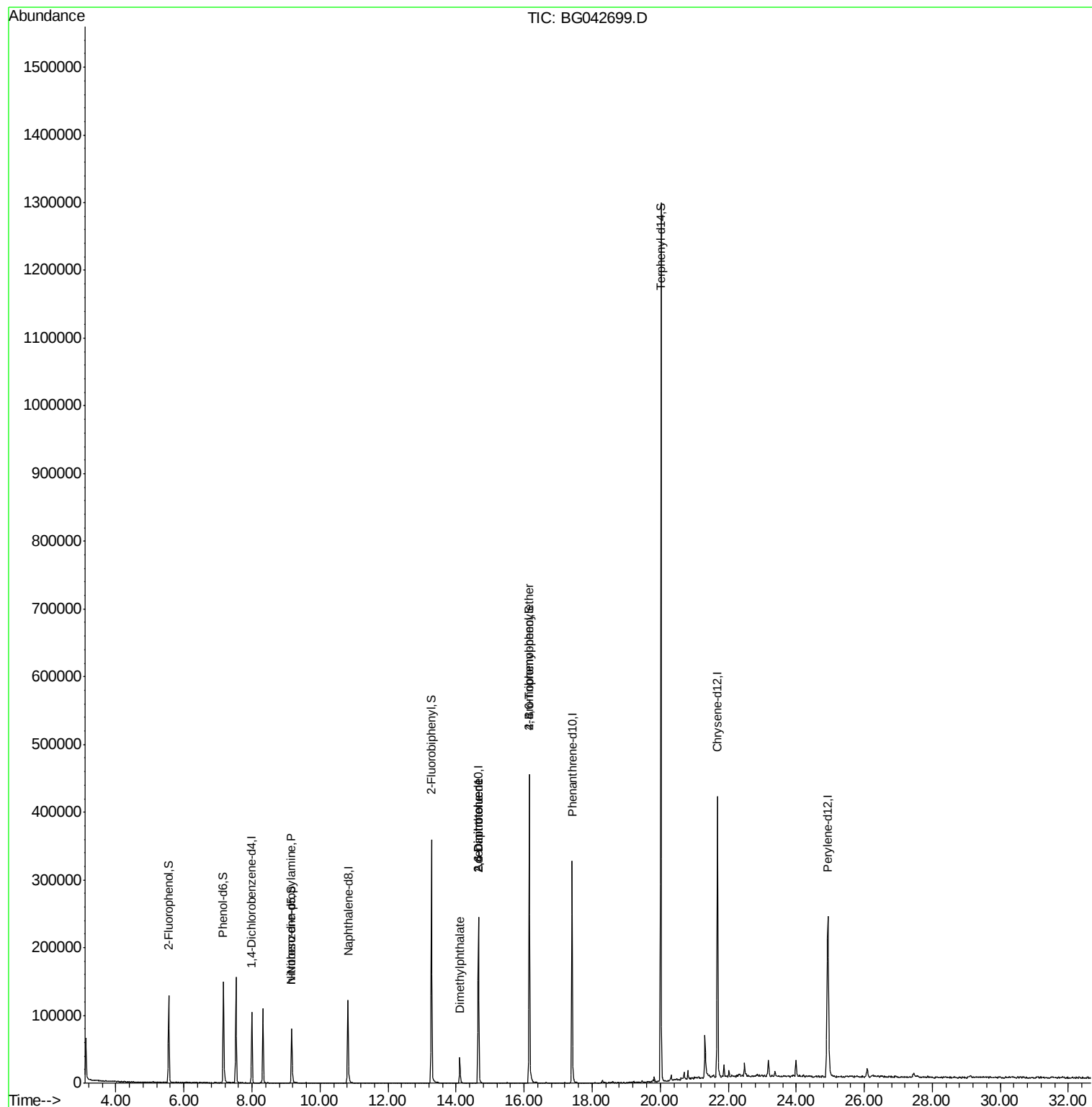
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35185	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	139477	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	105290	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	242565	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	265314	20.00	ng	-0.01
87) Perylene-d12	24.93	264	315879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	66700	38.39	ng	-0.01
7) Phenol-d6	7.16	99	106523	45.39	ng	-0.01
23) Nitrobenzene-d5	9.16	82	57681	28.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	125812	84.07	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	245986	39.51	ng	0.00
79) Terphenyl-d14	20.02	244	718829	58.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.16	70	7586	4.990	ng	# 70
50) Dimethylphthalate	14.11	163	40364	5.313	ng	# 98
51) 2,6-Dinitrotoluene	14.66	165	13752	7.809	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	13752	5.454	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	8313	2.702	ng	# 1

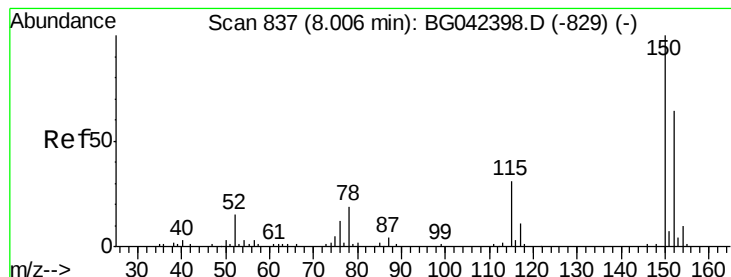
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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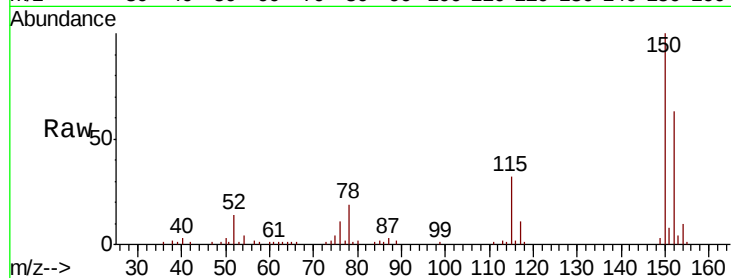


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.4	188.0
115	50.4	38.5	57.7

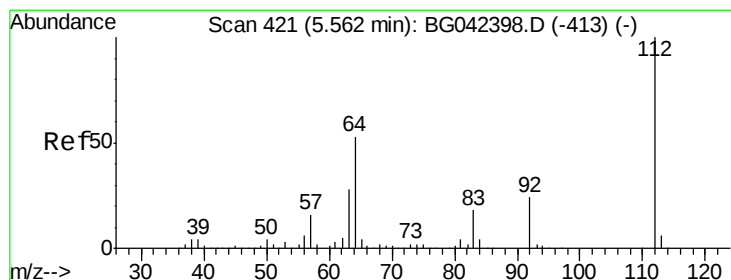
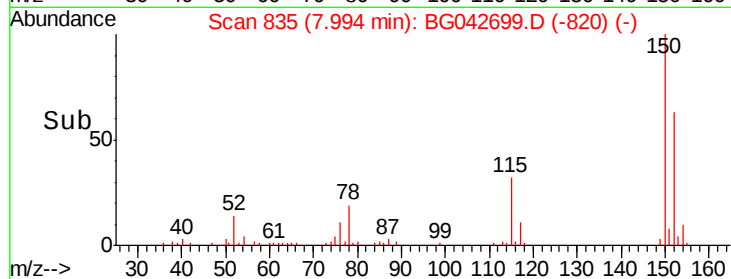
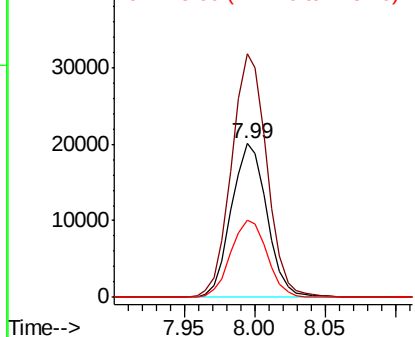


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

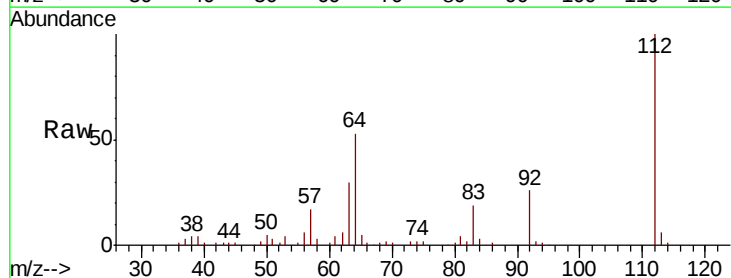
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.393 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.8	64.2
63	29.6	22.7	34.1

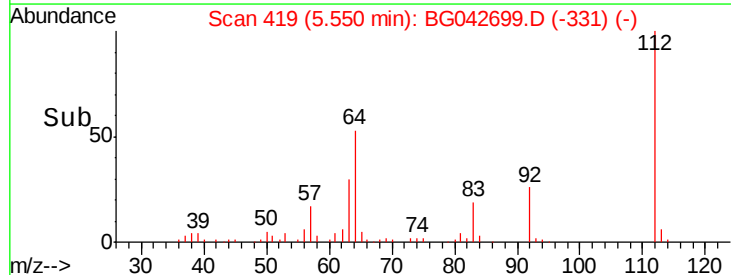
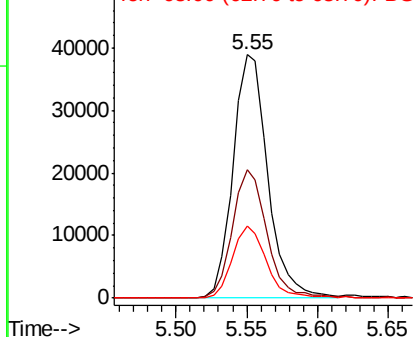


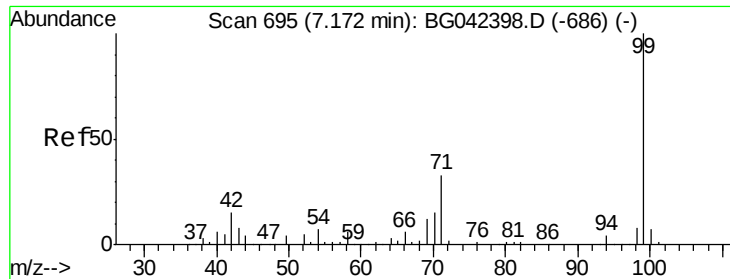
Abundance

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: 45.393 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042699.D

Acq: 3 Sep 2019 21:40

Instrument :

BNA_G

ClientSampleId :

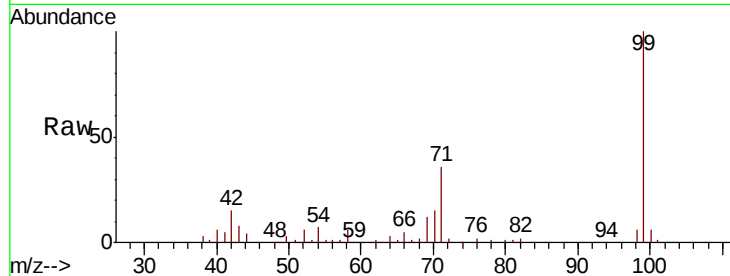
Tot Ion: 99 Resp: 106523

Ion Ratio Lower Upper

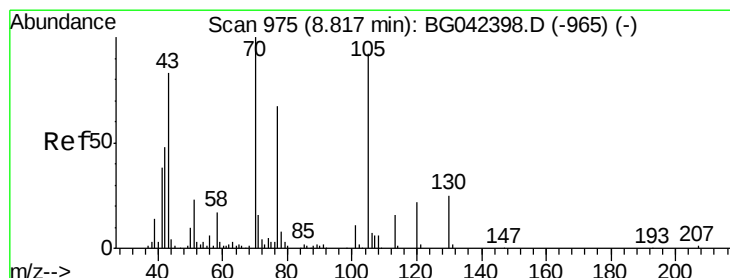
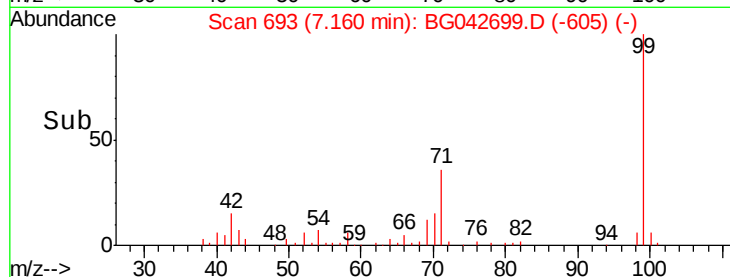
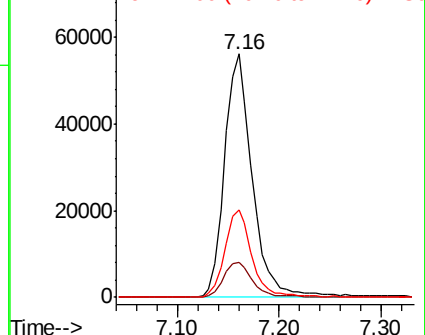
99 100

42 14.5 12.0 18.0

71 36.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 4.990 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042699.D

Acq: 3 Sep 2019 21:40

Tgt Ion: 70 Resp: 7586

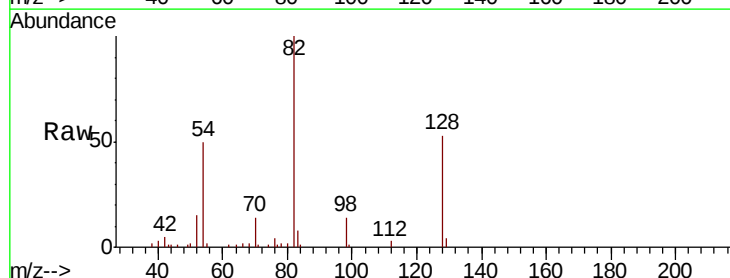
Ion Ratio Lower Upper

70 100

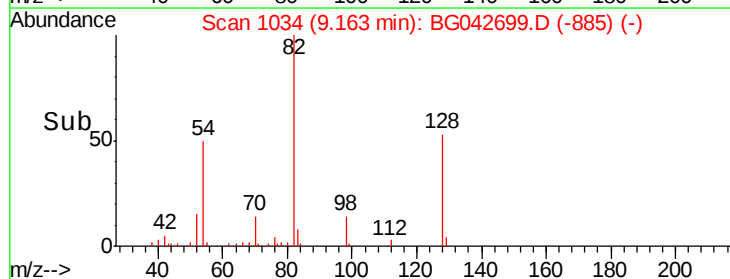
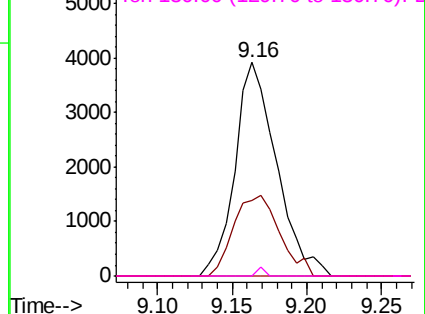
42 35.1 38.8 58.2#

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

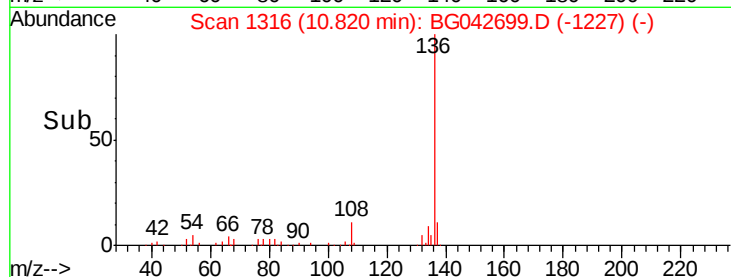
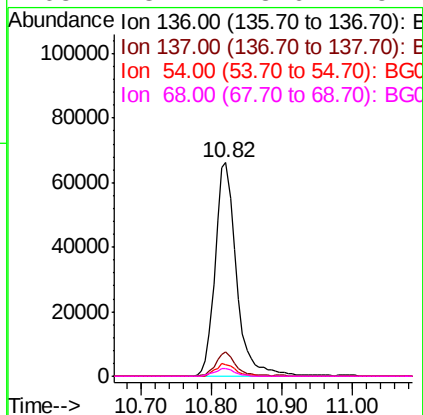
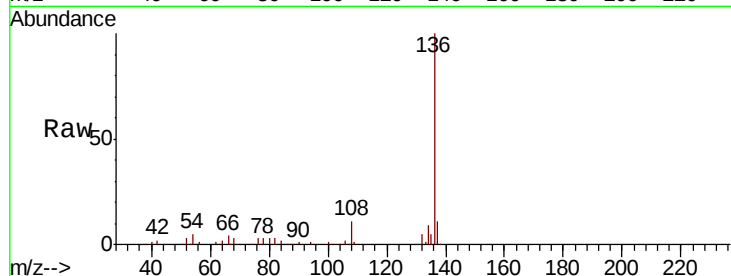




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

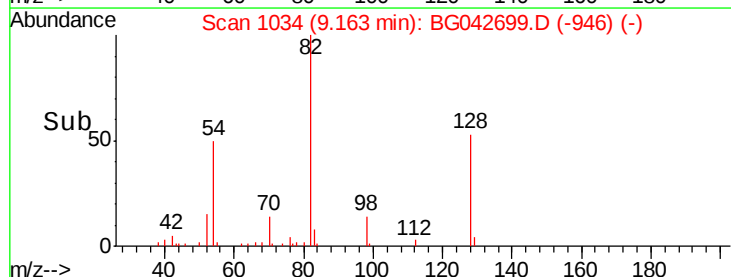
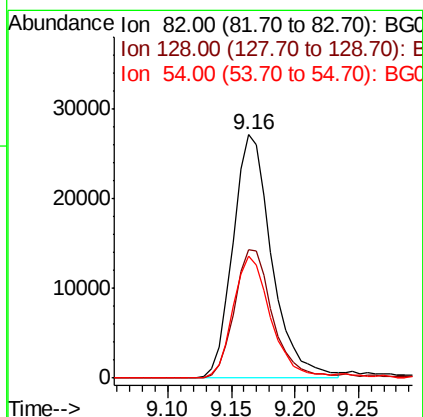
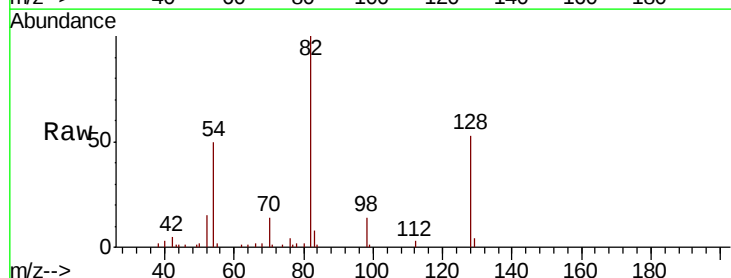
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	139477
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.7 13.1
54	5.4	4.9 7.3
68	3.4	3.6 5.4



#23
Nitrobenzene-d5
Concen: 28.578 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

Tgt Ion: 82	Resp:	57681
Ion	Ratio	Lower Upper
82	100	
128	52.8	40.7 61.1
54	50.2	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: BG042699.D

Acq: 3 Sep 2019 21:40

Instrument :

BNA_G

ClientSampleId :

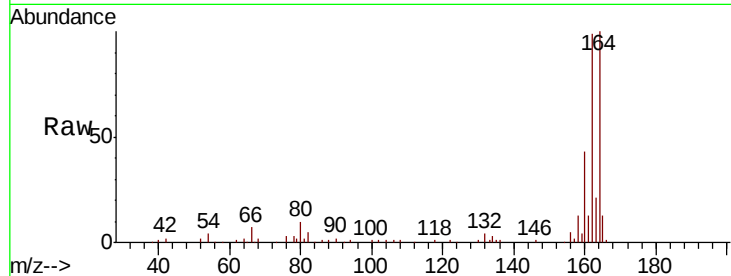
Tot Ion:164 Resp: 105290

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

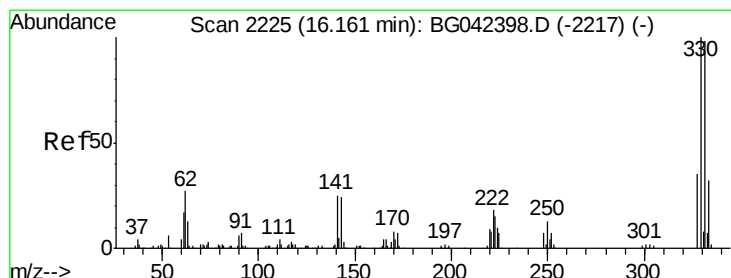
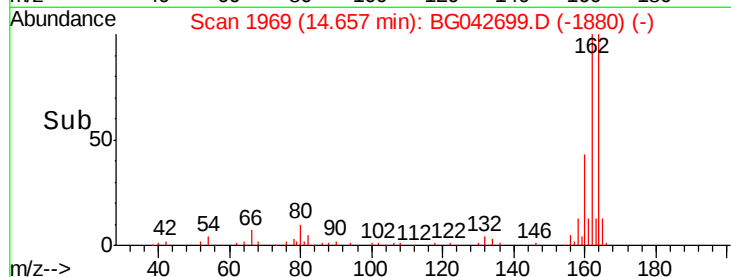
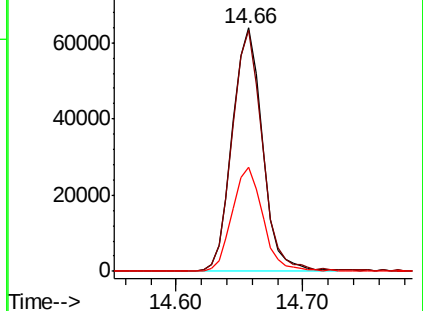
160 42.7 34.3 51.5



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: 84.069 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042699.D

Acq: 3 Sep 2019 21:40

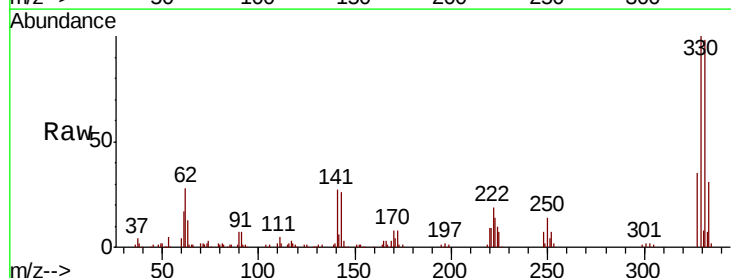
Tgt Ion:330 Resp: 125812

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

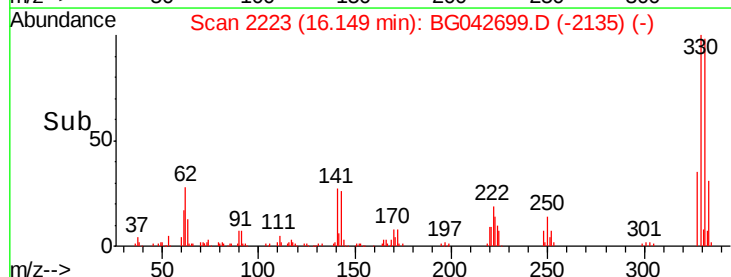
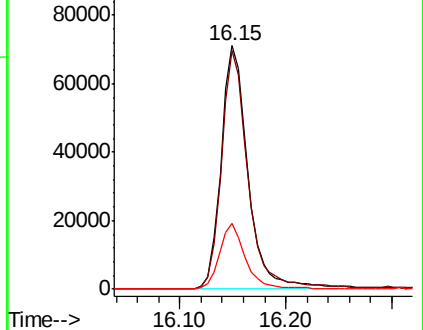
141 26.2 21.4 32.0

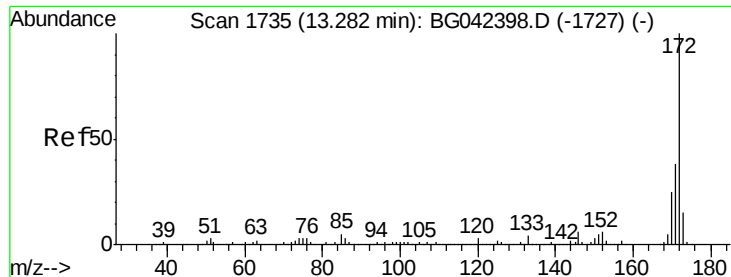


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

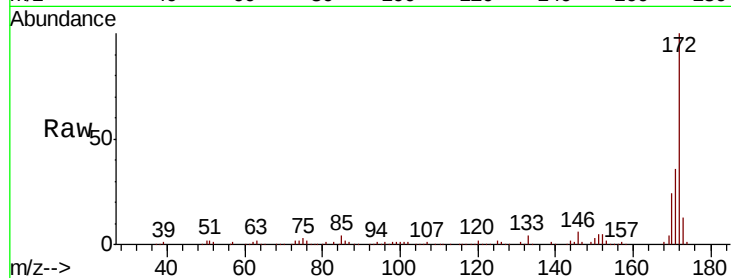




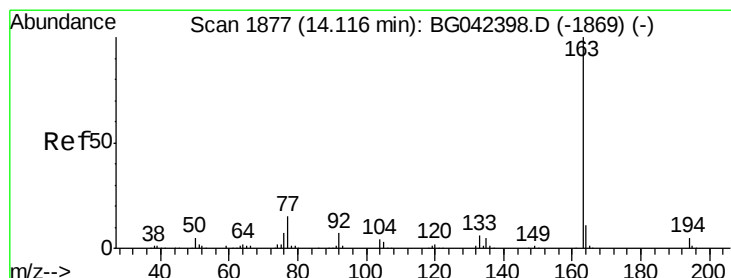
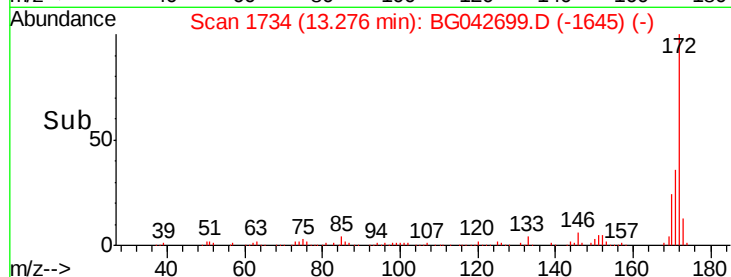
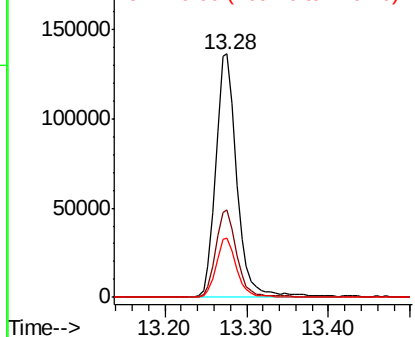
#45
2-Fluorobiphenyl
Concen: 39.513 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 245986
Ion Ratio Lower Upper
172 100
171 35.8 30.5 45.7
170 24.3 20.2 30.2

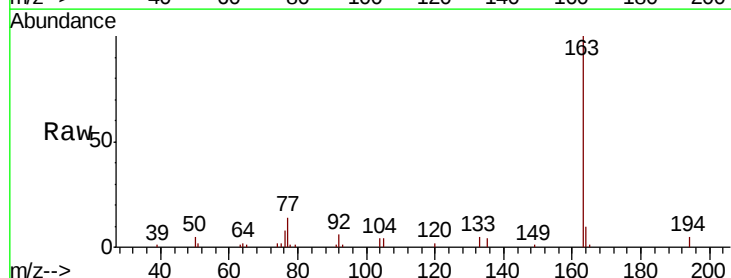


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

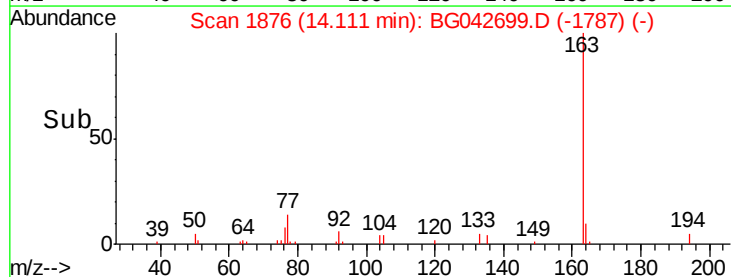
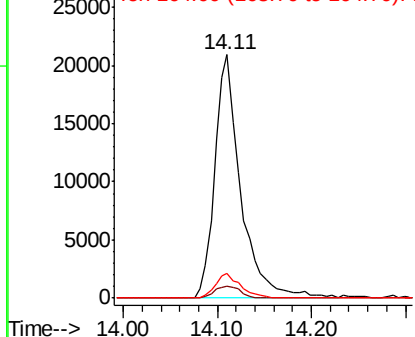


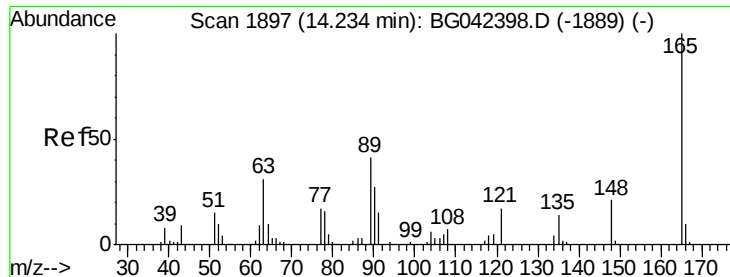
#50
Dimethylphthalate
Concen: 5.313 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

Tgt Ion:163 Resp: 40364
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.2
164 10.1 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

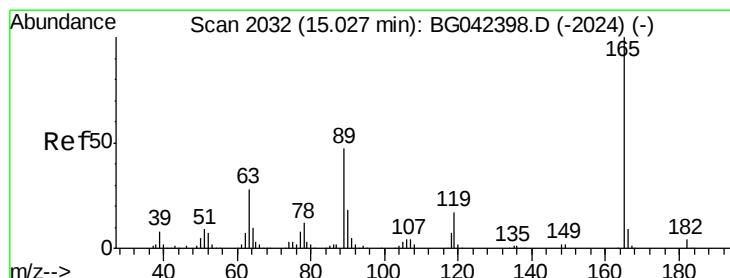
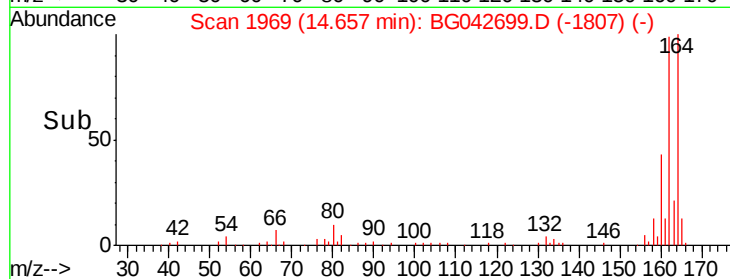
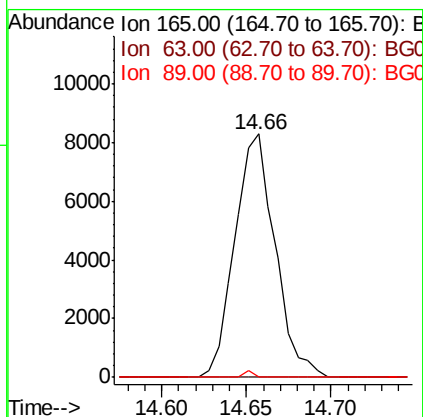
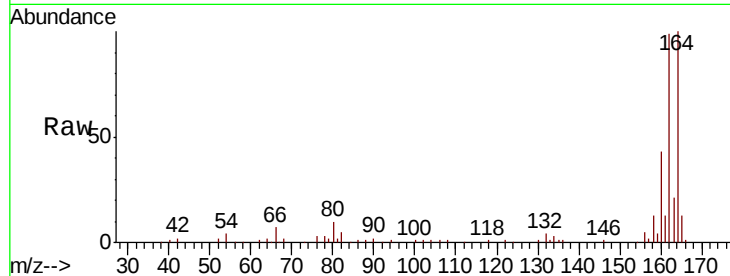




#51
 2,6-Dinitrotoluene
 Concen: 7.809 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.42 min
 Lab File: BG042699.D
 Acq: 3 Sep 2019 21:40

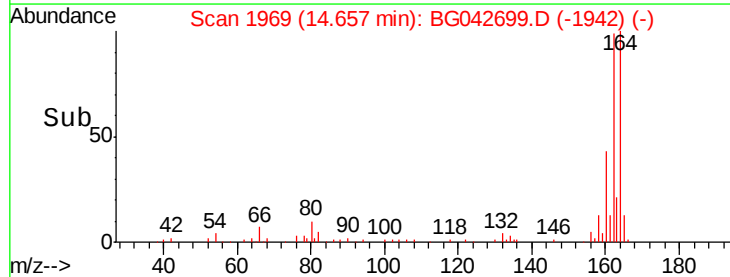
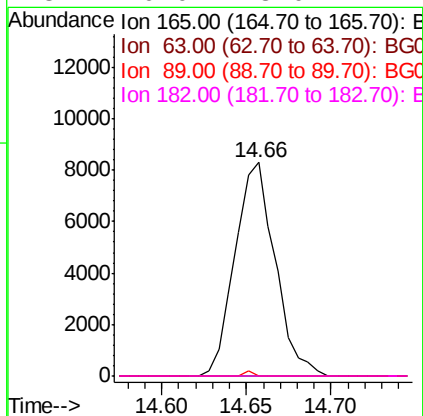
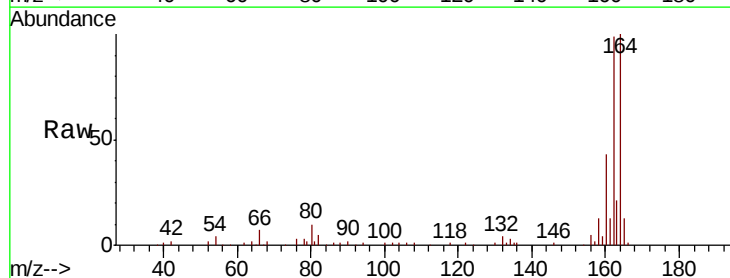
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.454 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042699.D
 Acq: 3 Sep 2019 21:40

Tgt 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: BG042699.D

Acq: 3 Sep 2019 21:40

Instrument :

BNA_G

ClientSampleId :

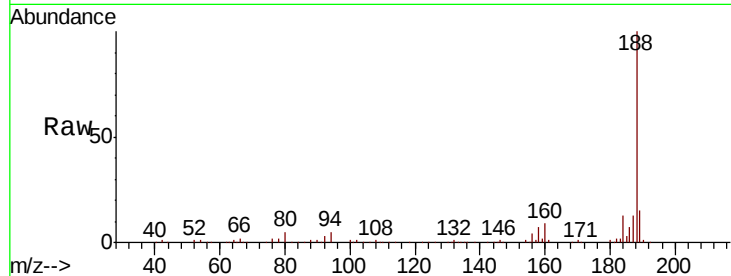
Tot Ion:188 Resp: 242565

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

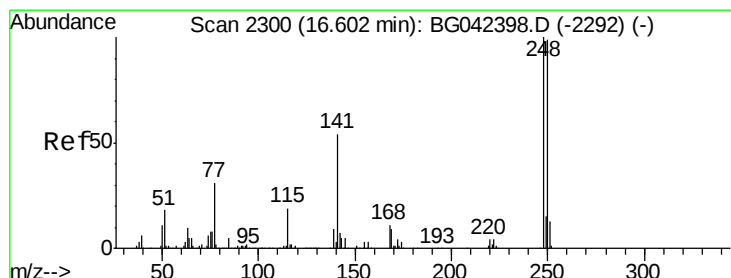
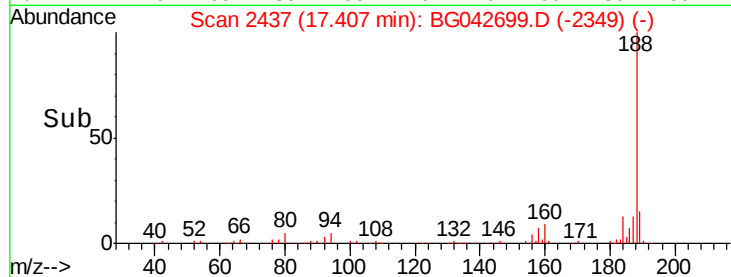
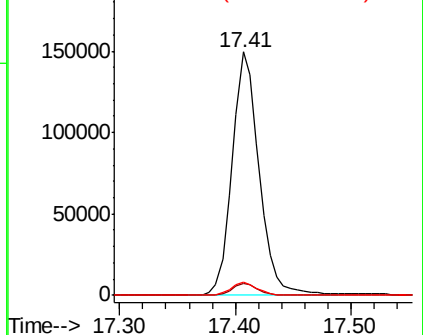
80 5.5 4.9 7.3



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: 2.702 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042699.D

Acq: 3 Sep 2019 21:40

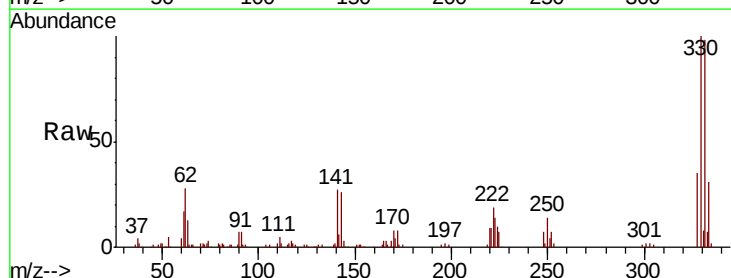
Tgt Ion:248 Resp: 8313

Ion Ratio Lower Upper

248 100

250 145.0 78.9 118.3#

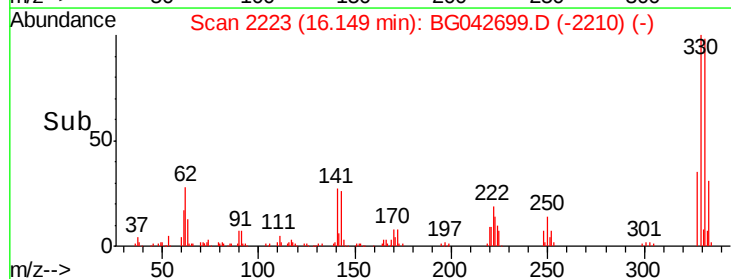
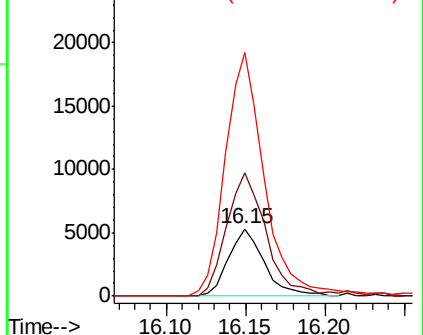
141 287.7 43.3 64.9#



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

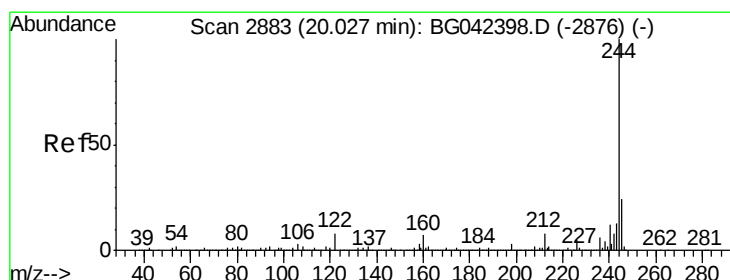
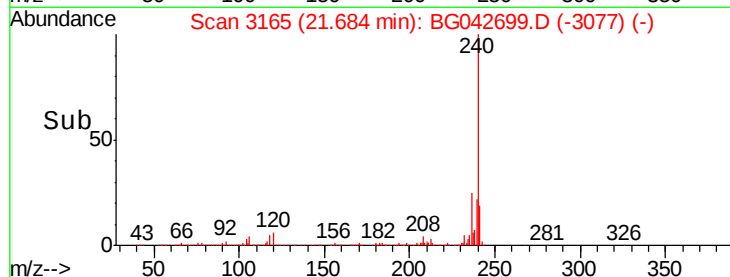
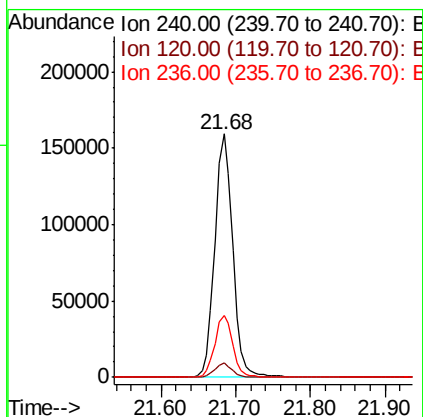
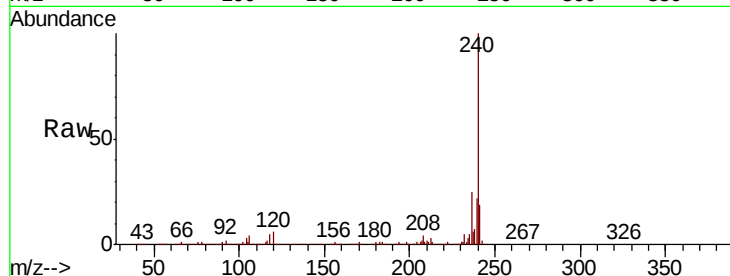




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042699.D
 Acq: 3 Sep 2019 21:40

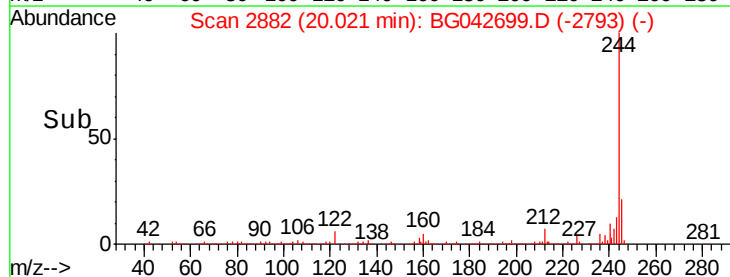
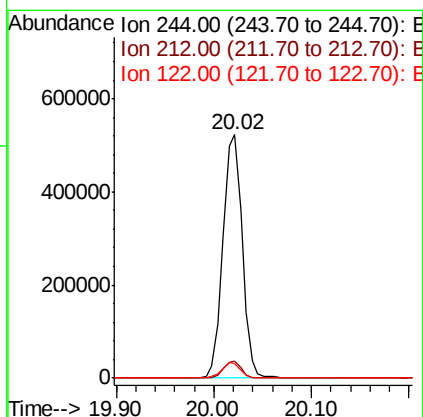
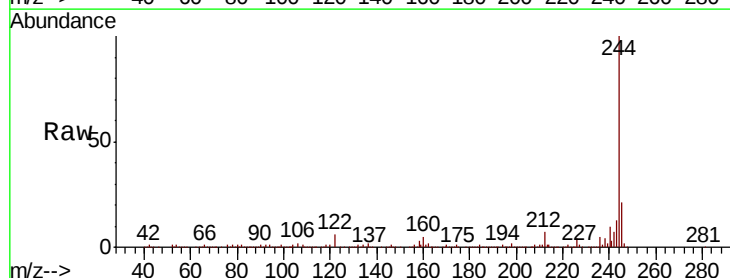
Instrument :
 BNA_G
 ClientSampleId :

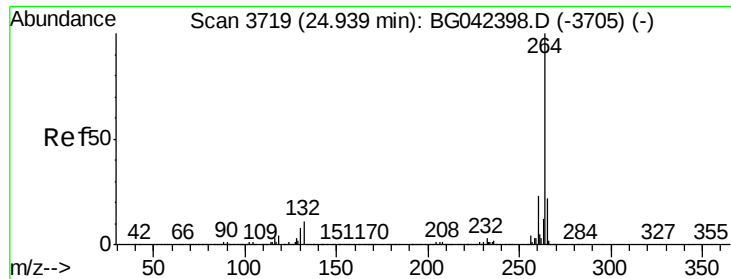
Tot Ion:240 Resp: 265314
 Ion Ratio Lower Upper
 240 100
 120 5.7 5.7 8.5
 236 25.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 58.574 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042699.D
 Acq: 3 Sep 2019 21:40

Tgt Ion:244 Resp: 718829
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 6.2 6.7 10.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.5	27.7
265	21.8	17.6	26.4

