

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042636.D
 Acq On : 31 Aug 2019 15:51
 Operator : HP/JU
 Sample : K4592-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 18:13:27 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

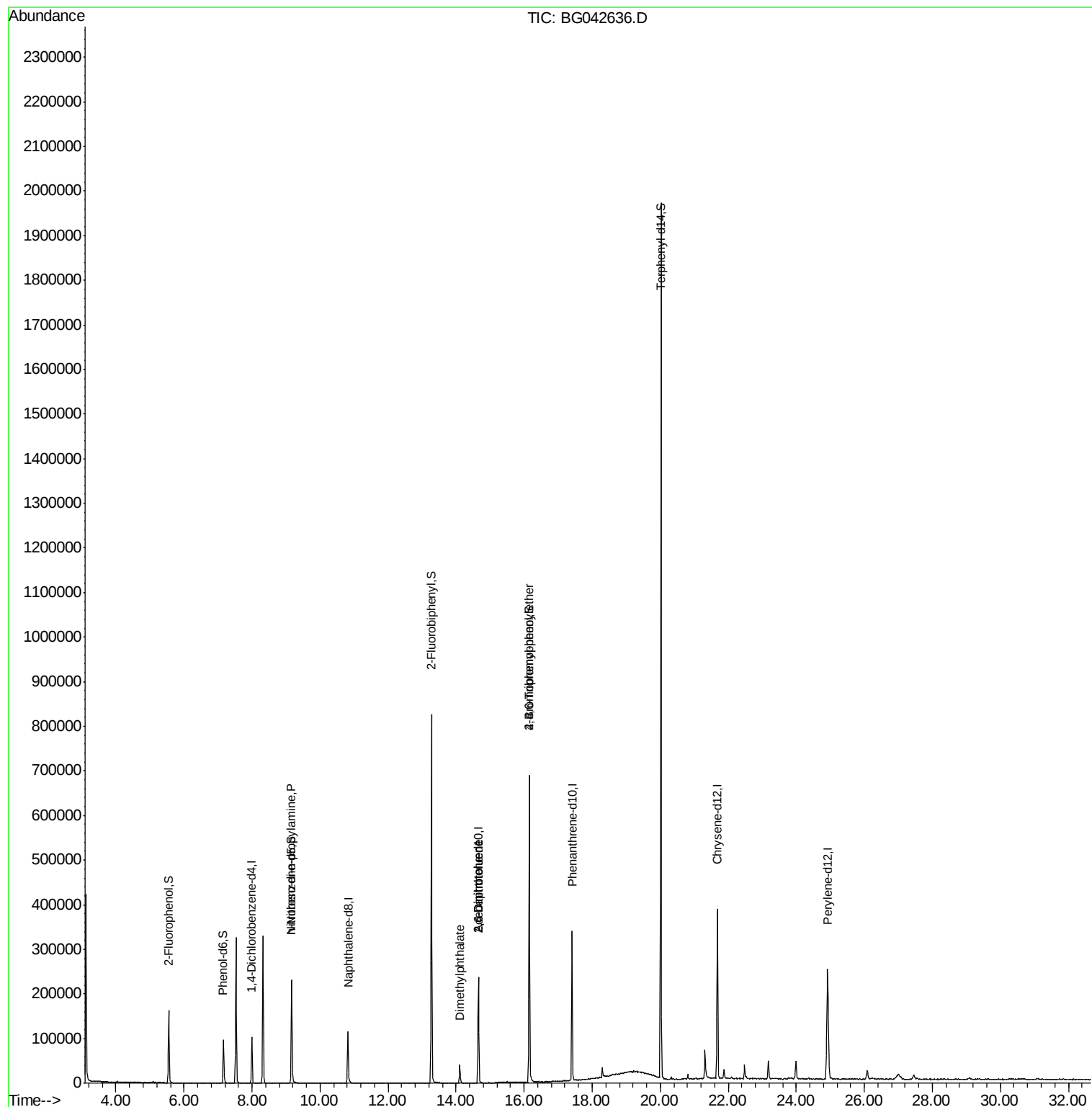
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	34597	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	133285	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	99853	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	235538	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	254562	20.00	ng	-0.01
87) Perylene-d12	24.92	264	298865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	85361	49.97	ng	-0.01
7) Phenol-d6	7.16	99	68675	29.76	ng	-0.01
23) Nitrobenzene-d5	9.16	82	152252	78.94	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	179655	126.58	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	500124	84.71	ng	0.00
79) Terphenyl-d14	20.02	244	1048461	89.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.16	70	19725	13.195	ng	# 75
50) Dimethylphthalate	14.11	163	42892	5.953	ng	# 99
51) 2,6-Dinitrotoluene	14.66	165	12753	7.637	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	12753	5.333	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	12536	4.196	ng	# 1

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

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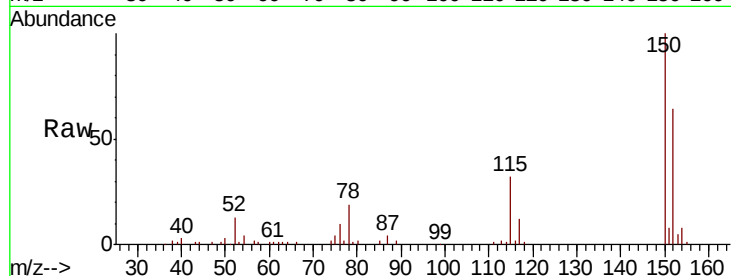


#1

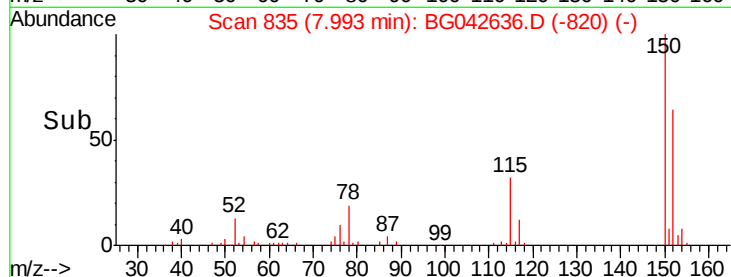
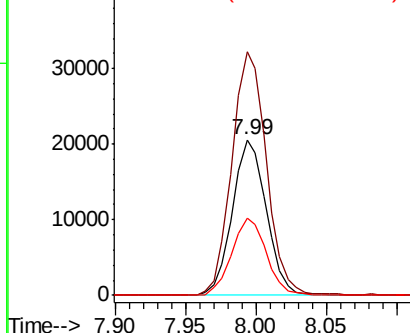
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 34597
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.4 188.0
 115 50.1 38.5 57.7



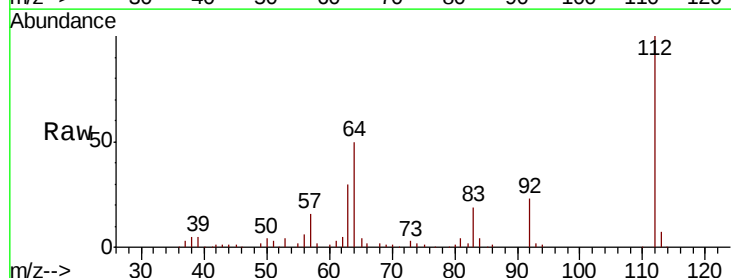
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



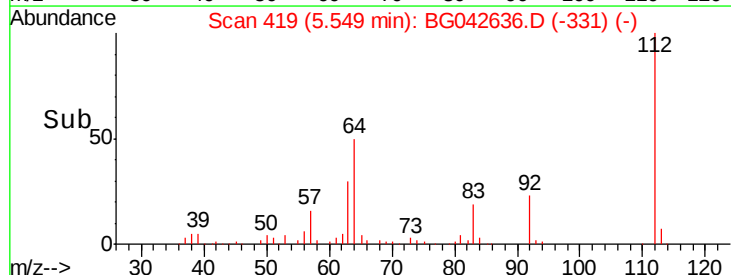
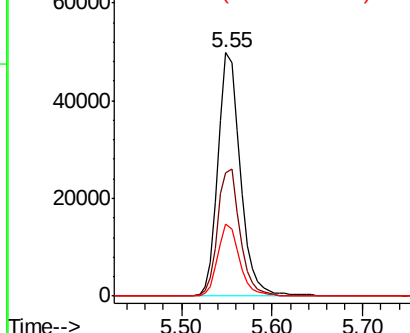
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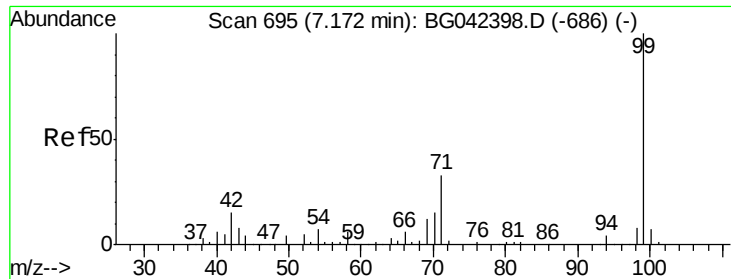
2-Fluorophenol
 Concen: 49.970 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Tgt Ion:112 Resp: 85361
 Ion Ratio Lower Upper
 112 100
 64 50.5 42.8 64.2
 63 29.8 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: 29.762 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042636.D

Acq: 31 Aug 2019 15:51

Instrument :

BNA_G

ClientSampleId :

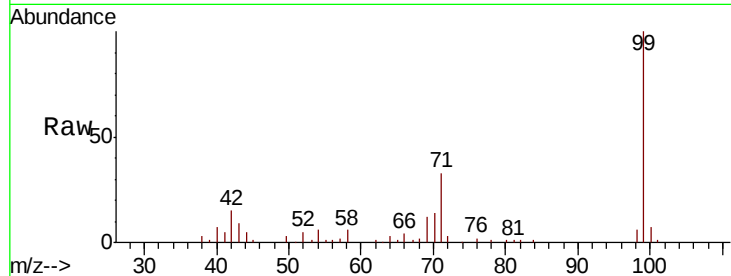
Tot Ion: 99 Resp: 68675

Ion Ratio Lower Upper

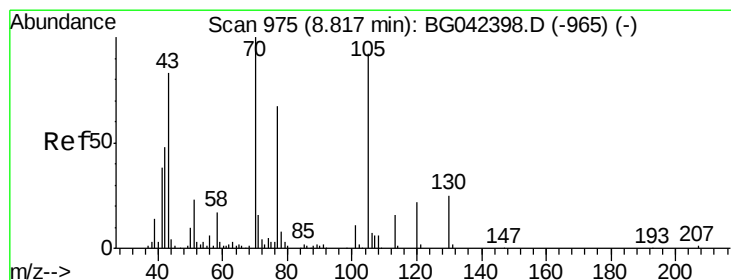
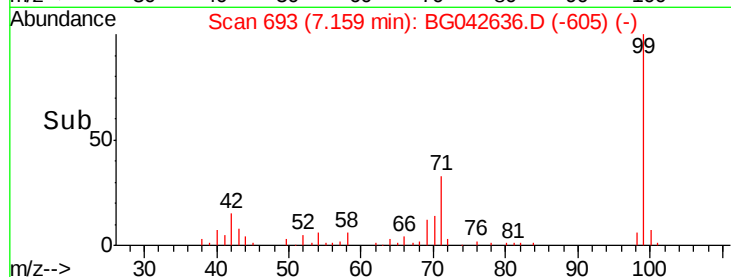
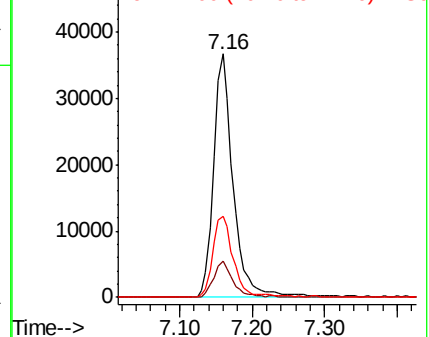
99 100

42 14.7 12.0 18.0

71 33.3 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: 13.195 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042636.D

Acq: 31 Aug 2019 15:51

Tgt Ion: 70 Resp: 19725

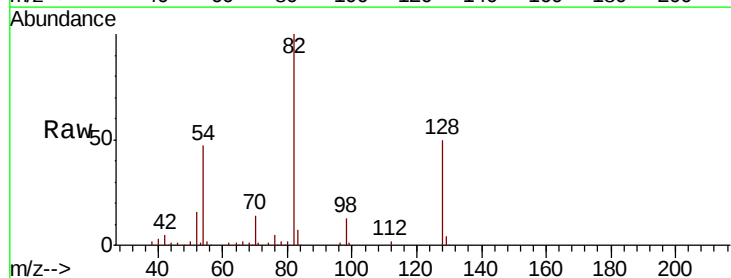
Ion Ratio Lower Upper

70 100

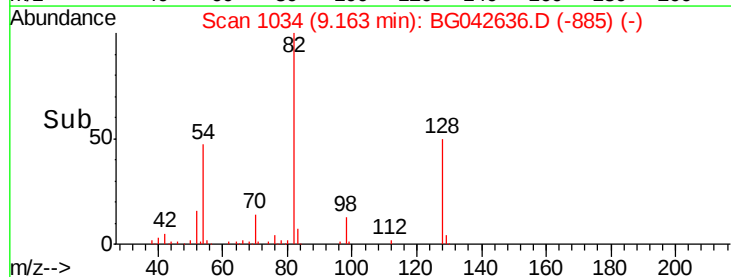
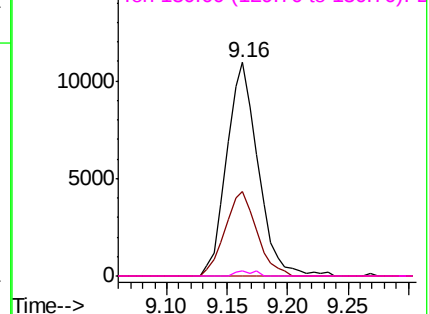
42 39.6 38.8 58.2

101 0.0 9.0 13.6#

130 2.6 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

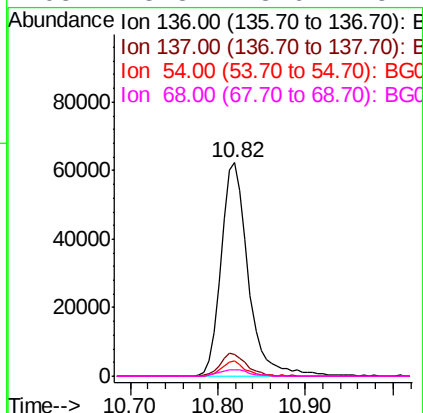
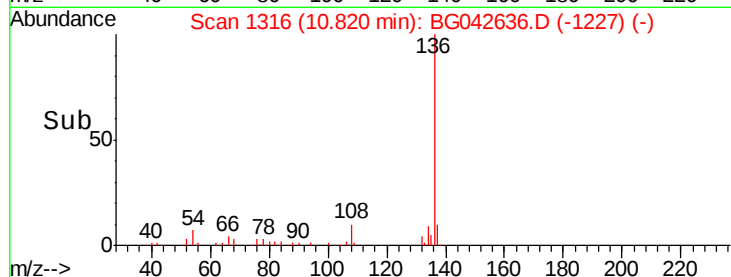
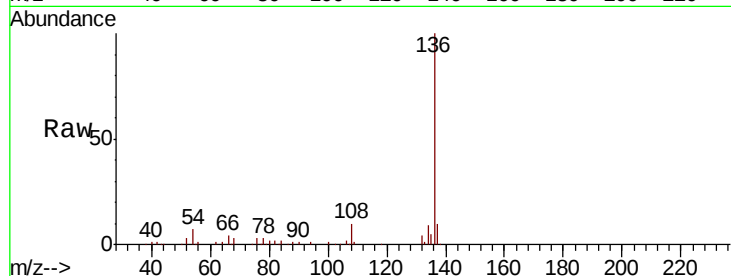




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042636.D
Acq: 31 Aug 2019 15:51

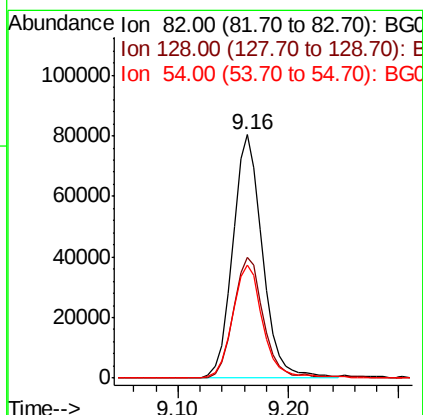
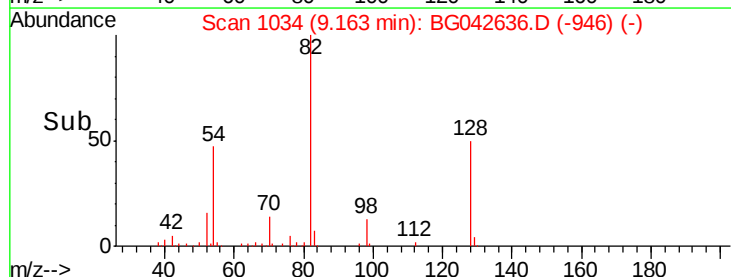
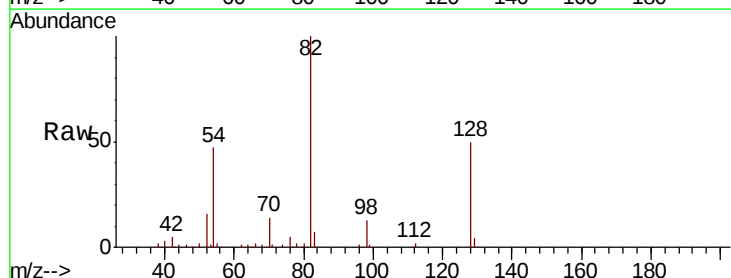
Instrument :
BNA_G
ClientSampleId :

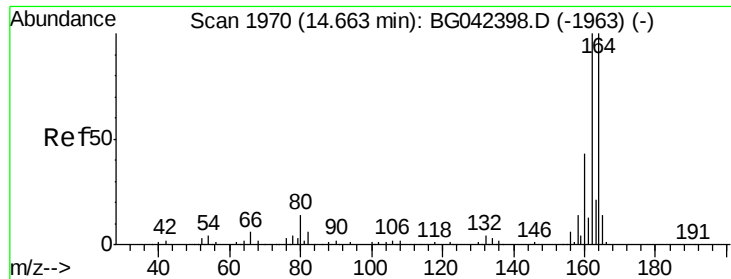
Tot Ion:136	Resp:	133285
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.7 13.1
54	7.0	4.9 7.3
68	3.3	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 78.938 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042636.D
Acq: 31 Aug 2019 15:51

Tgt Ion: 82	Resp:	152252
Ion Ratio	Lower	Upper
82	100	
128	49.7	40.7 61.1
54	46.6	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: BG042636.D

Acq: 31 Aug 2019 15:51

Instrument :

BNA_G

ClientSampleId :

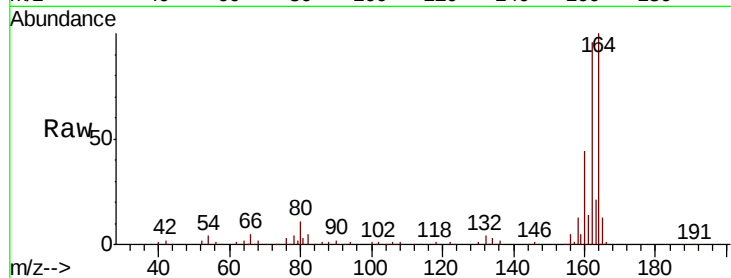
Tot Ion:164 Resp: 99853

Ion Ratio Lower Upper

164 100

162 96.3 79.9 119.9

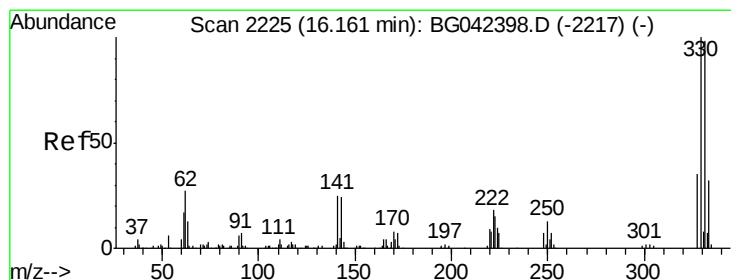
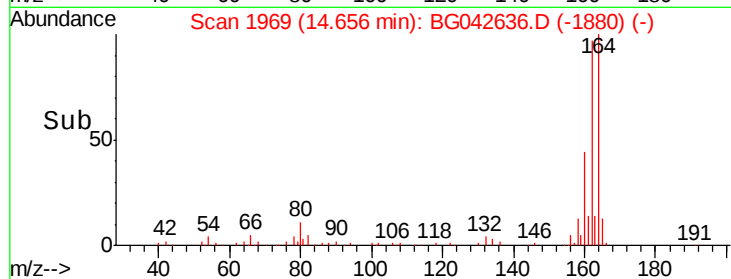
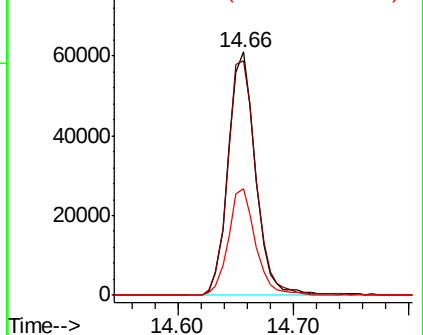
160 43.8 34.3 51.5



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: 126.585 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042636.D

Acq: 31 Aug 2019 15:51

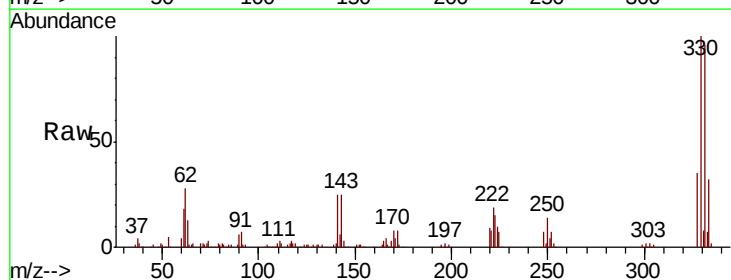
Tgt Ion:330 Resp: 179655

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

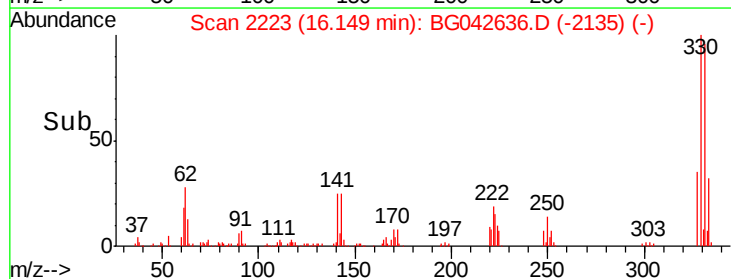
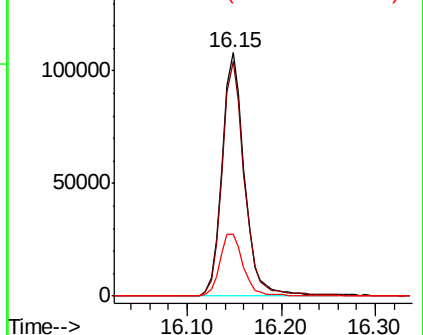
141 26.9 21.4 32.0

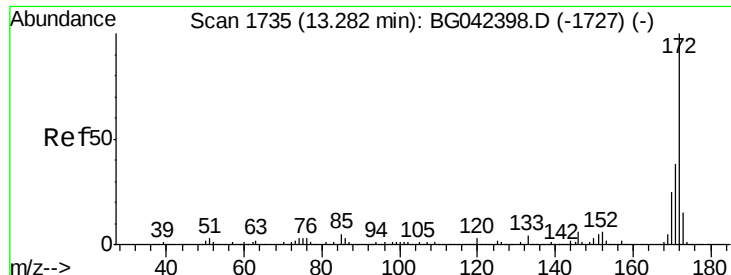


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

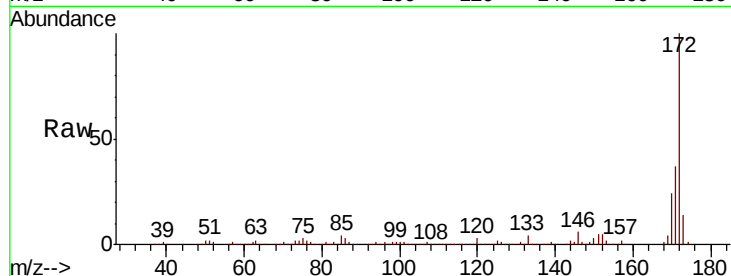




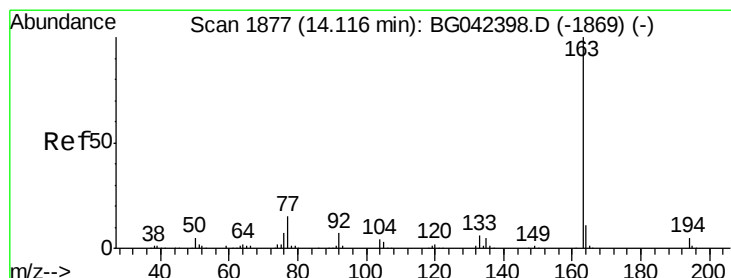
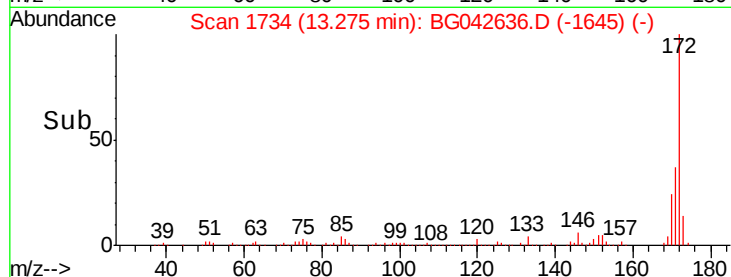
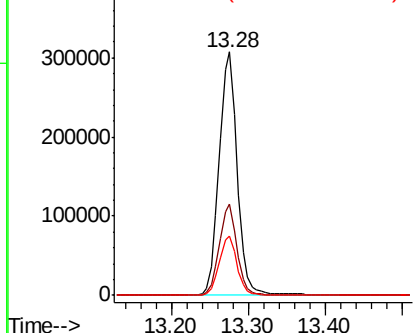
#45
 2-Fluorobiphenyl
 Concen: 84.710 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 500124
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 24.4 20.2 30.2

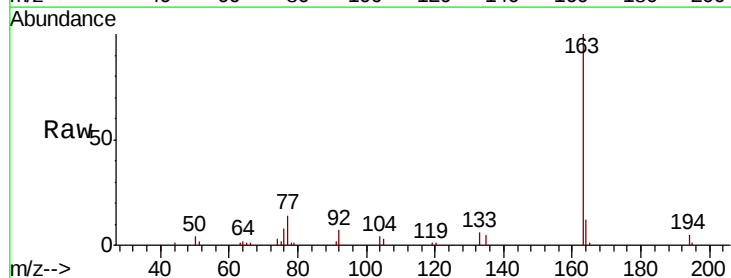


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

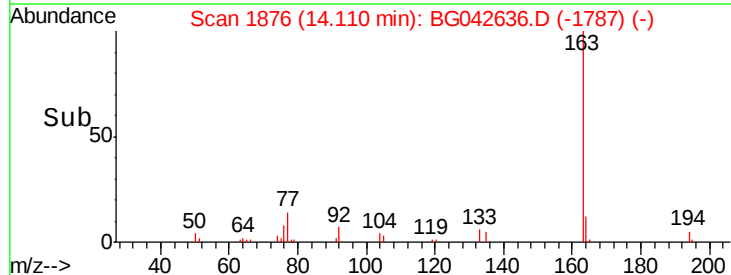
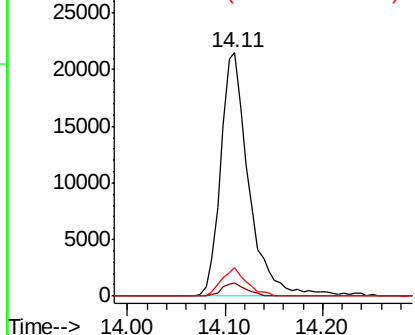


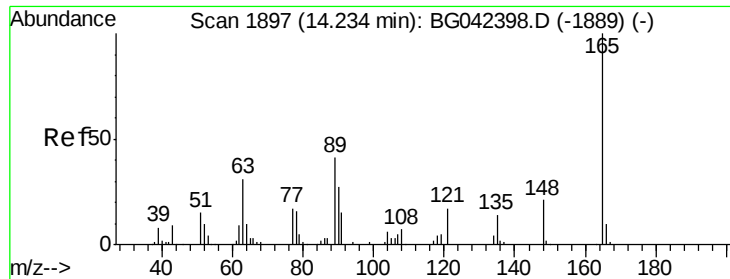
#50
 Dimethylphthalate
 Concen: 5.953 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Tgt Ion:163 Resp: 42892
 Ion Ratio Lower Upper
 163 100
 194 5.4 4.2 6.2
 164 11.5 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

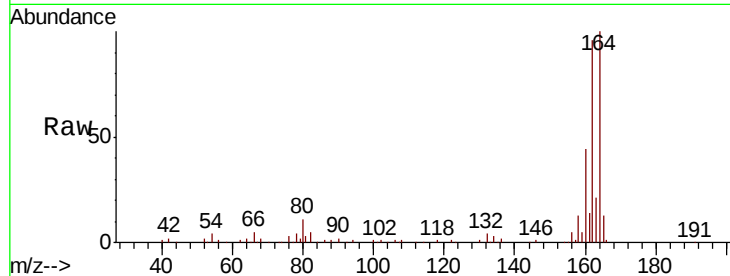




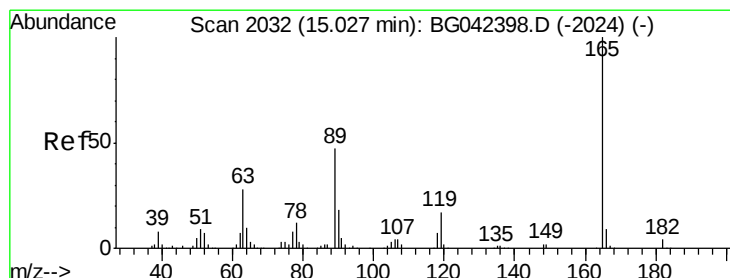
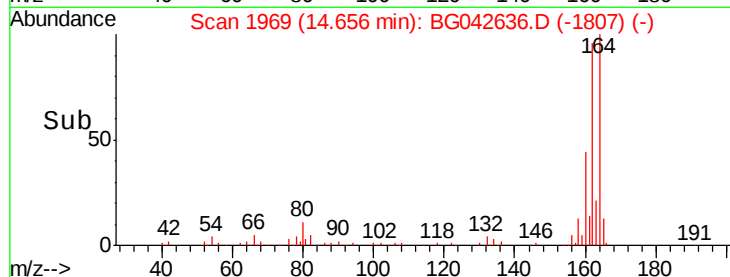
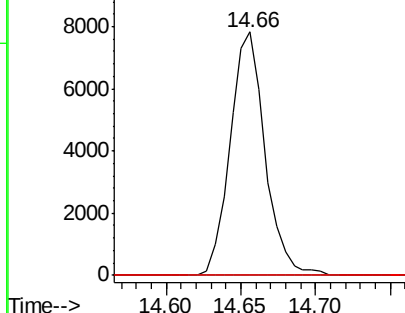
#51
 2,6-Dinitrotoluene
 Concen: 7.637 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.42 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

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#



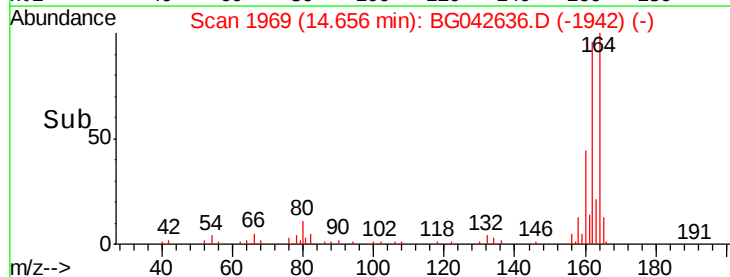
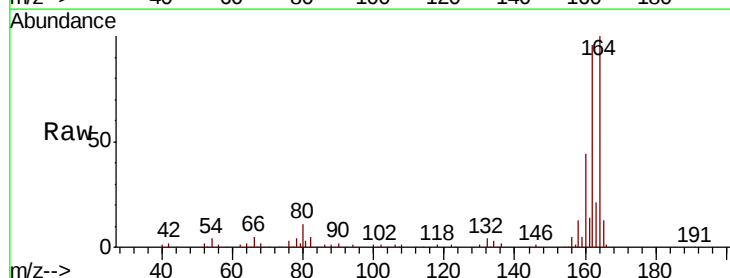
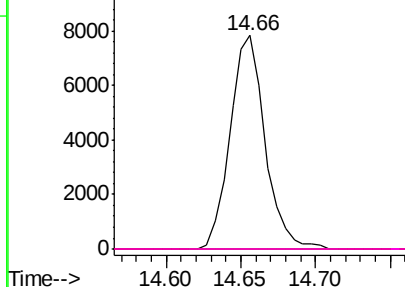
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.333 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

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#

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

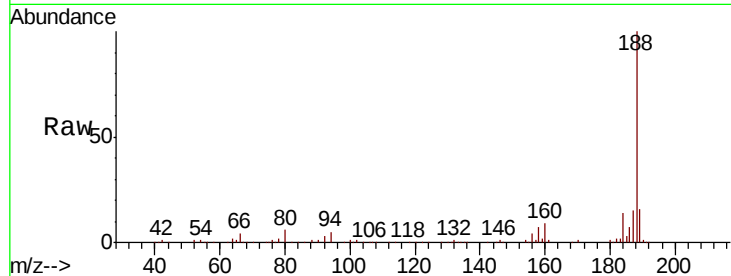




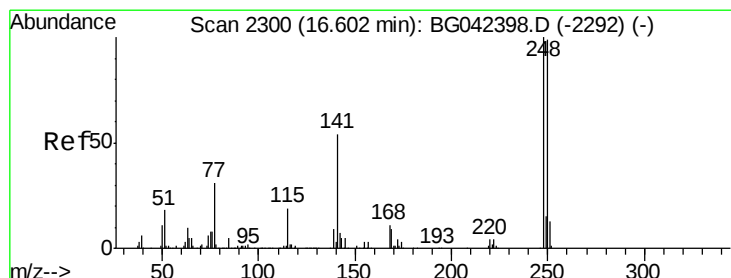
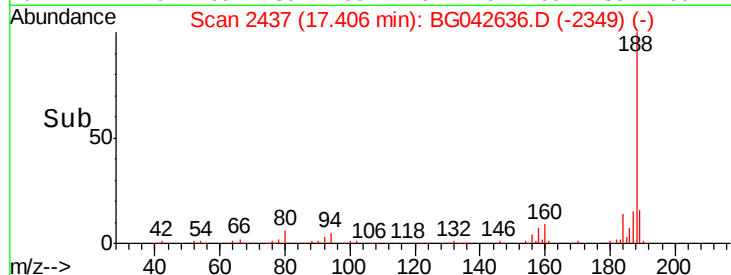
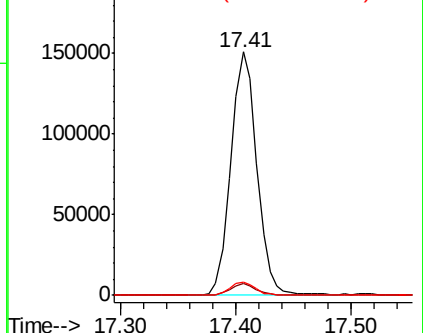
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 235538
 Ion Ratio Lower Upper
 188 100
 94 4.8 4.5 6.7
 80 5.5 4.9 7.3

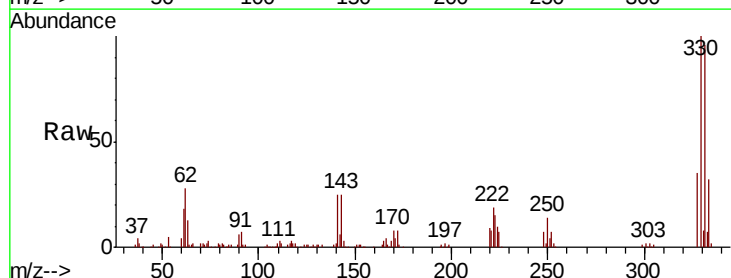


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

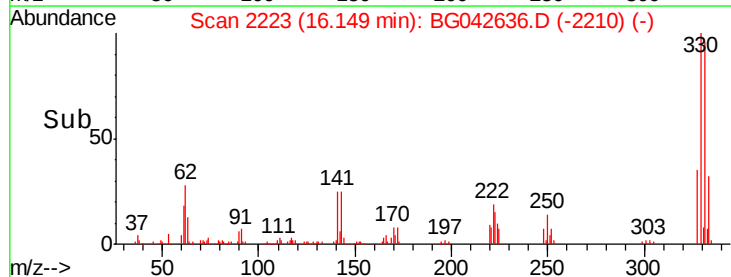
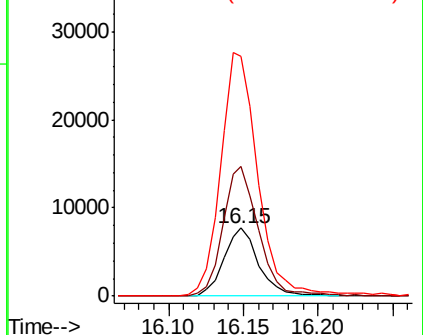


#67
 4-Bromophenyl-phenylether
 Concen: 4.196 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Tgt Ion:248 Resp: 12536
 Ion Ratio Lower Upper
 248 100
 250 190.1 78.9 118.3#
 141 351.7 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

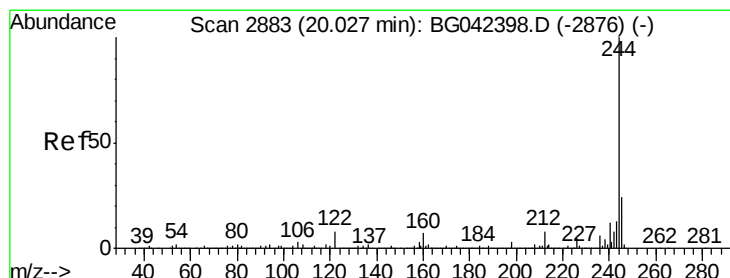
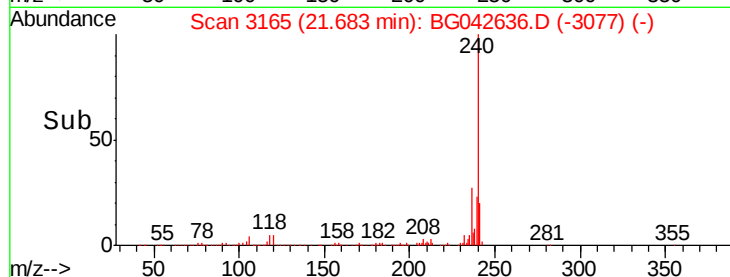
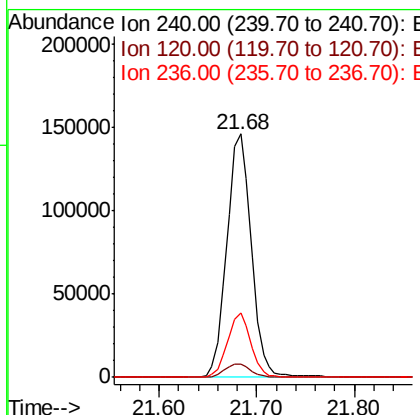
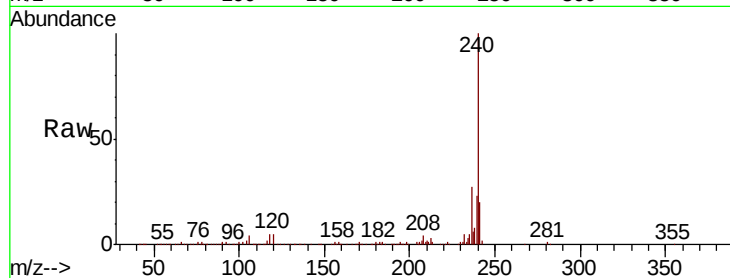




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

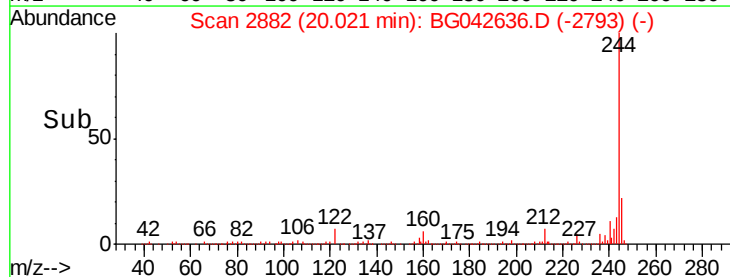
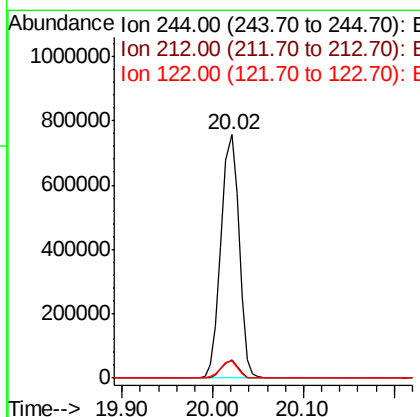
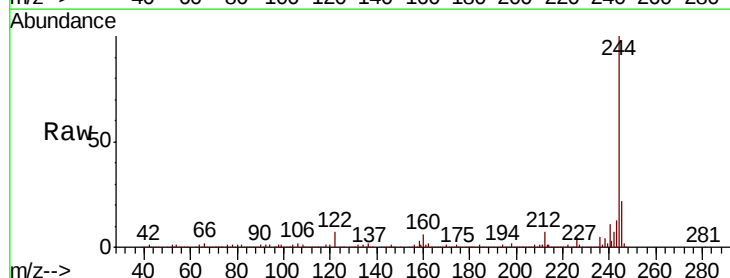
Instrument :
 BNA_G
 ClientSampleId :

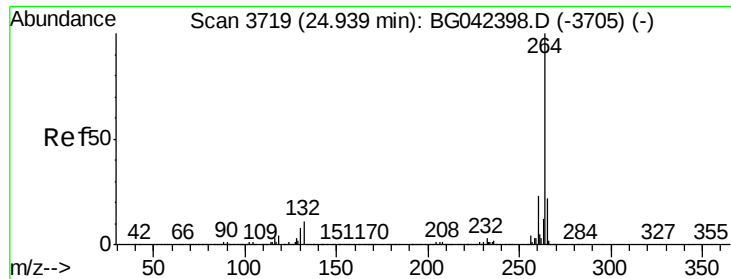
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	26.6	21.0	31.4



#79
 Terphenyl-d14
 Concen: 89.043 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042636.D
 Acq: 31 Aug 2019 15:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.0	6.7	10.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042636.D
Acq: 31 Aug 2019 15:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.1	17.6	26.4

