

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042728.D
 Acq On : 5 Sep 2019 20:02
 Operator : HP/JU
 Sample : K4680-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 06:46:25 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

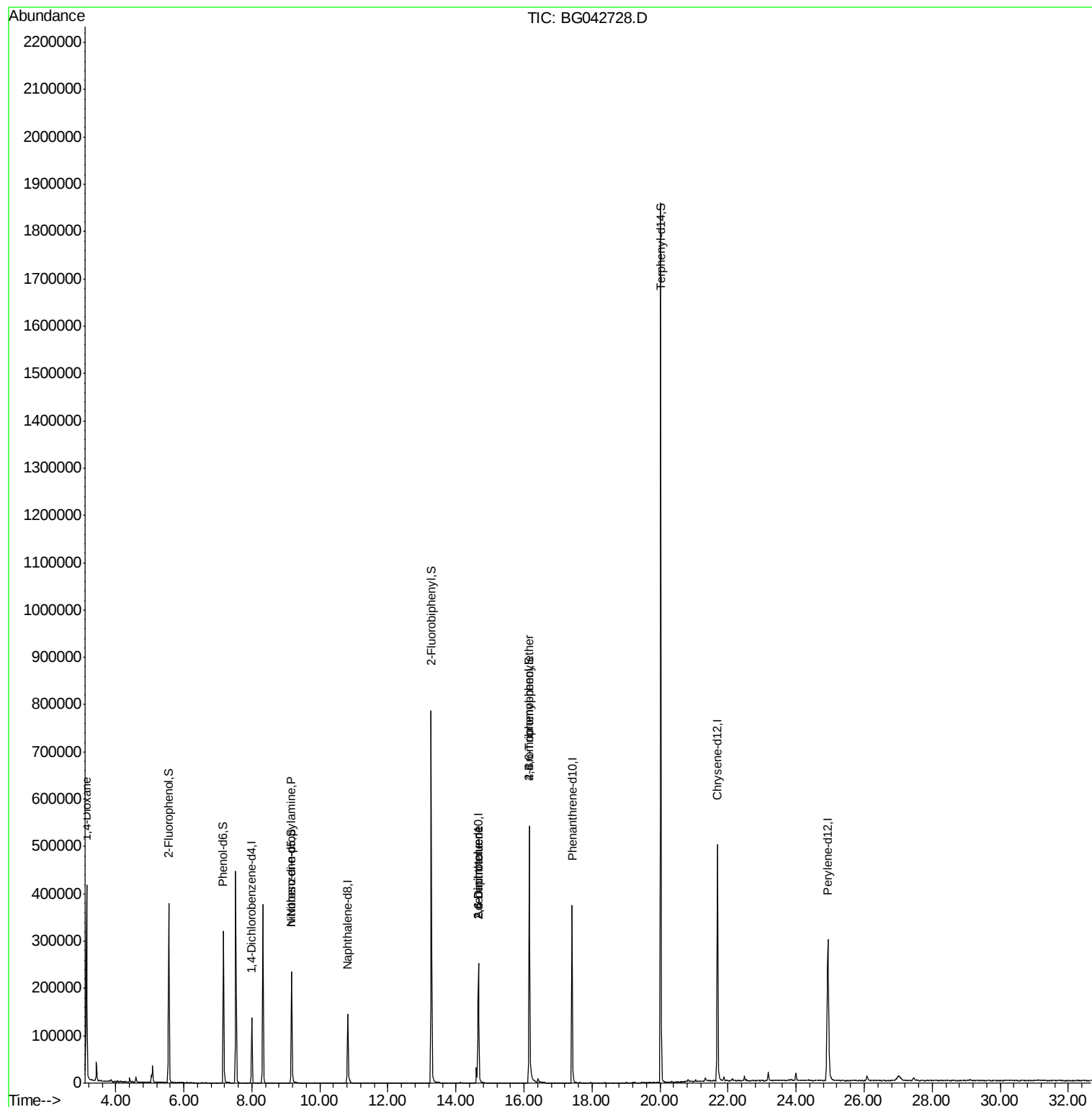
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	45513	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	166351	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	119452	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	288249	20.00	ng	0.00
76) Chrysene-d12	21.69	240	355471	20.00	ng	0.00
87) Perylene-d12	24.93	264	413669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	191510	85.22	ng	0.00
7) Phenol-d6	7.16	99	212866	70.13	ng	0.00
23) Nitrobenzene-d5	9.17	82	155370	64.54	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	171331	100.91	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	513119	72.65	ng	0.00
79) Terphenyl-d14	20.02	244	1071196	65.15	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.14	88	4790	5.108	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	20862	10.608	ng	# 81
51) 2,6-Dinitrotoluene	14.65	165	14898	7.457	ng	# 36
57) 2,4-Dinitrotoluene	14.65	165	14898	5.208	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	11123	3.042	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042728.D
Acq On : 5 Sep 2019 20:02
Operator : HP/JU
Sample : K4680-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 06 06:46:25 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



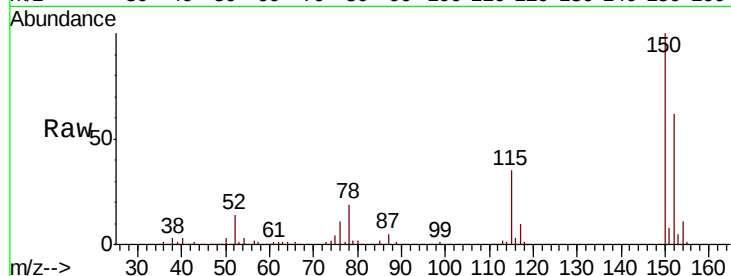


#1

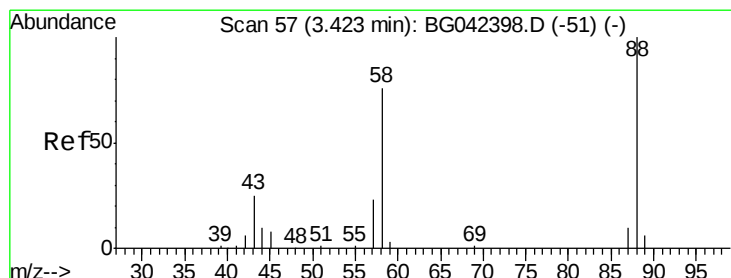
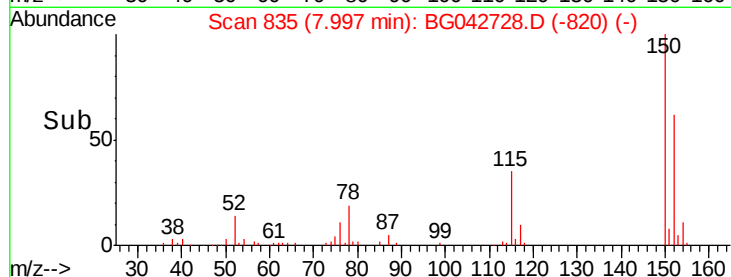
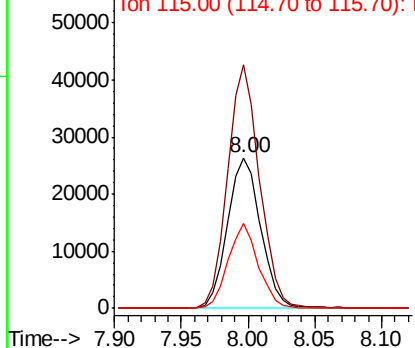
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042728.D
Acq: 5 Sep 2019 20:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 45513
Ion Ratio Lower Upper
152 100
150 161.8 125.4 188.0
115 56.3 38.5 57.7



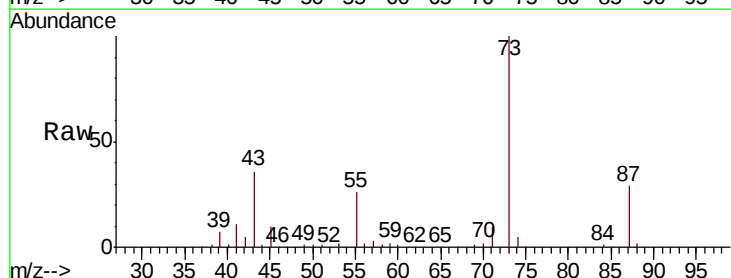
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



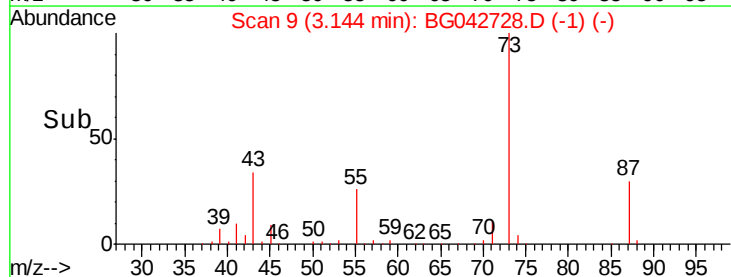
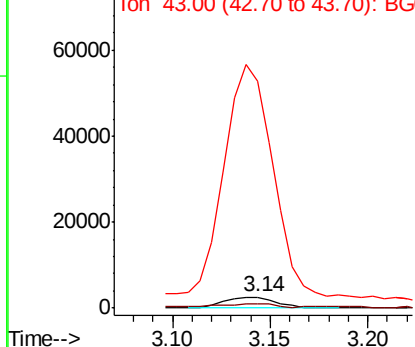
#2

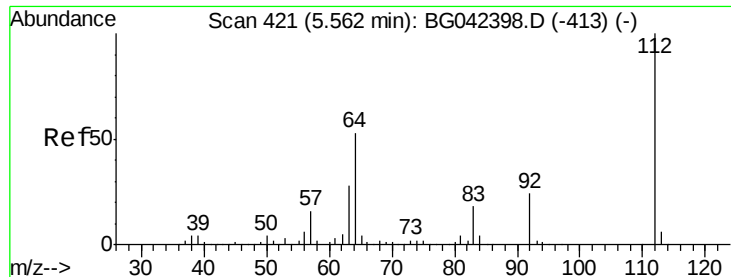
1,4-Dioxane
Concen: 5.108 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.28 min
Lab File: BG042728.D
Acq: 5 Sep 2019 20:02

Tgt Ion: 88 Resp: 4790
Ion Ratio Lower Upper
88 100
58 26.4 58.3 87.5#
43 2068.5 20.2 30.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 85.220 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

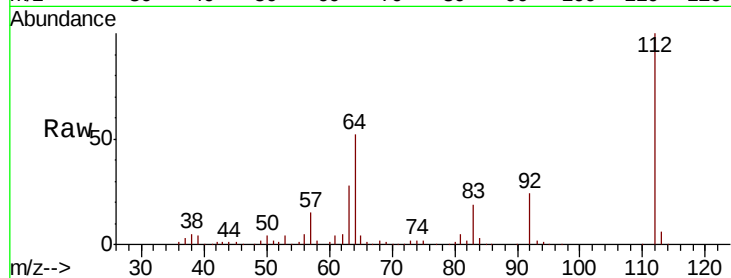
Tot Ion: 112 Resp: 191510

Ion Ratio Lower Upper

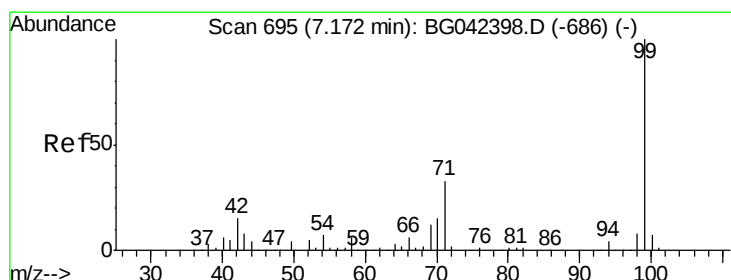
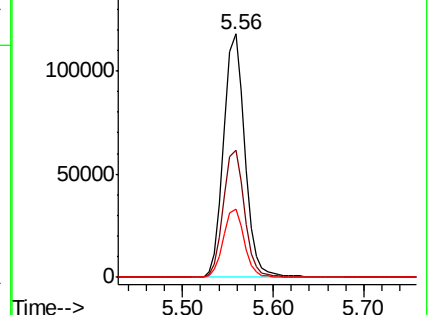
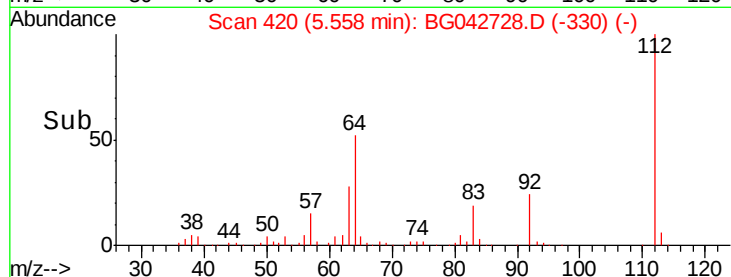
112 100

64 52.2 42.8 64.2

63 28.1 22.7 34.1



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



#7

Phenol-d6

Concen: 70.125 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

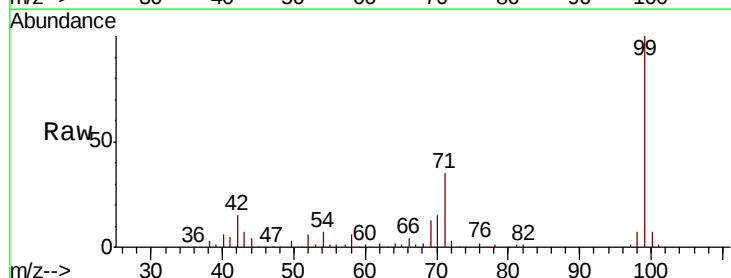
Tgt Ion: 99 Resp: 212866

Ion Ratio Lower Upper

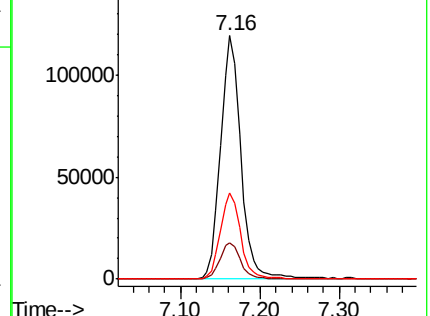
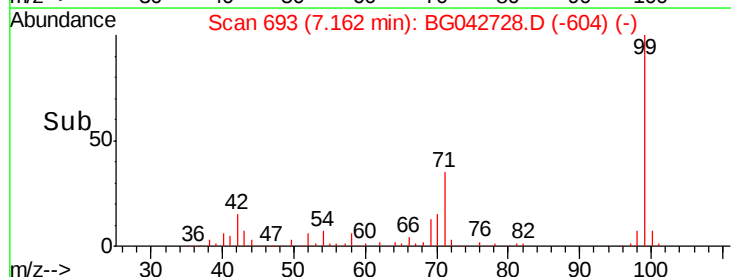
99 100

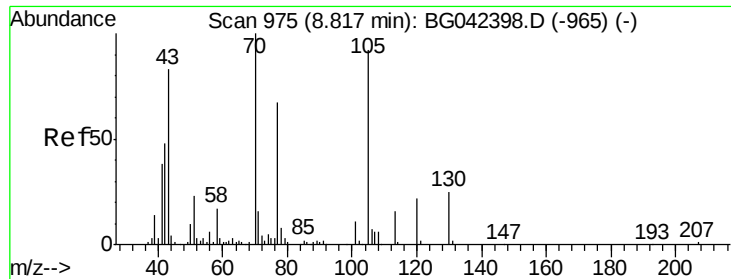
42 15.2 12.0 18.0

71 35.4 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

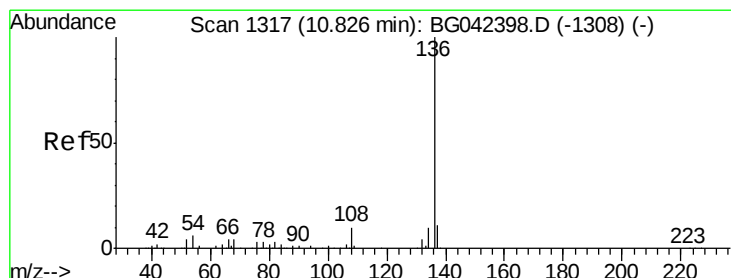
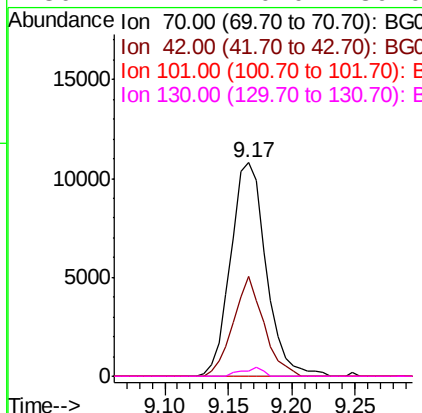
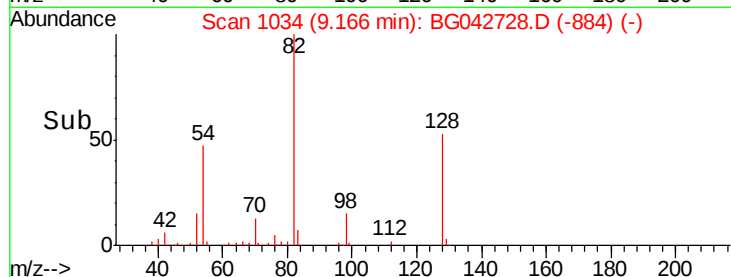
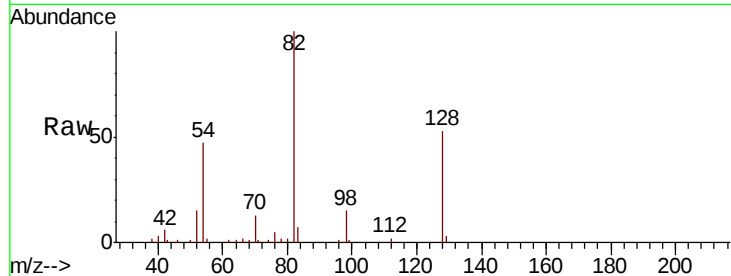




#19
n-Nitroso-di-n-propylamine
Concen: 10.608 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042728.D
Acq: 5 Sep 2019 20:02

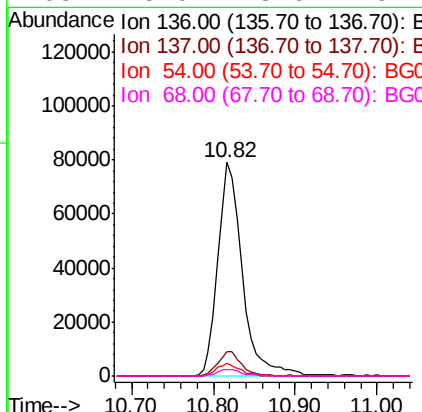
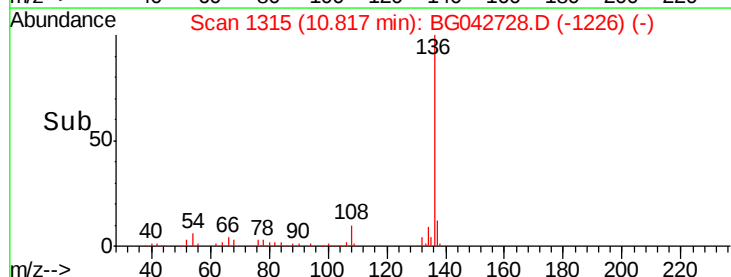
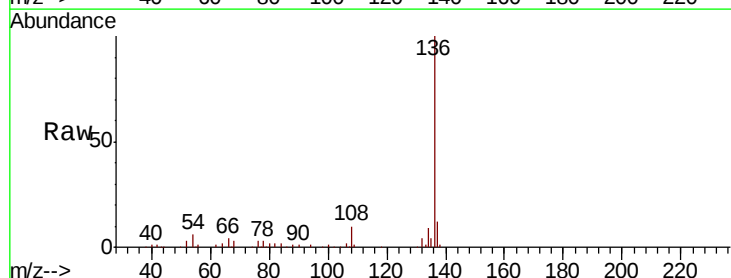
Instrument :
BNA_G
ClientSampleId :

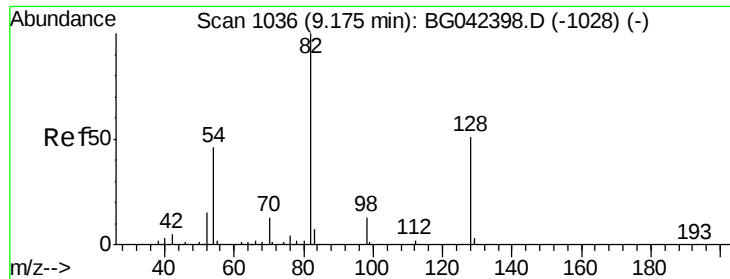
Tot Ion: 70 Resp: 20862
Ion Ratio Lower Upper
70 100
42 47.0 38.8 58.2
101 0.0 9.0 13.6#
130 2.2 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042728.D
Acq: 5 Sep 2019 20:02

Tgt Ion: 136 Resp: 166351
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 5.9 4.9 7.3
68 3.0 3.6 5.4#

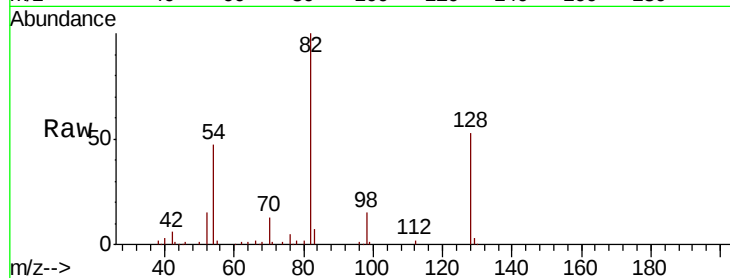




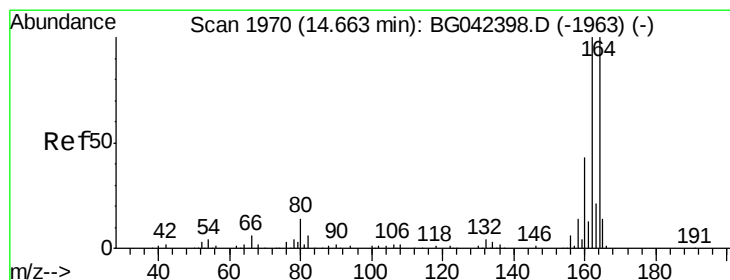
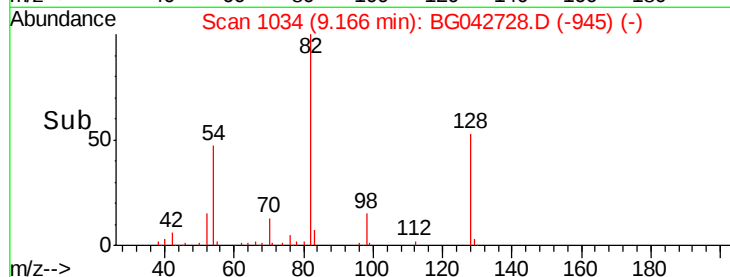
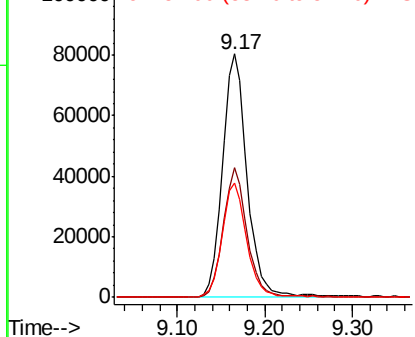
#23
Nitrobenzene-d5
Concen: 64.542 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042728.D
Acq: 5 Sep 2019 20:02

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 155370
Ion Ratio Lower Upper
82 100
128 53.2 40.7 61.1
54 47.0 36.3 54.5

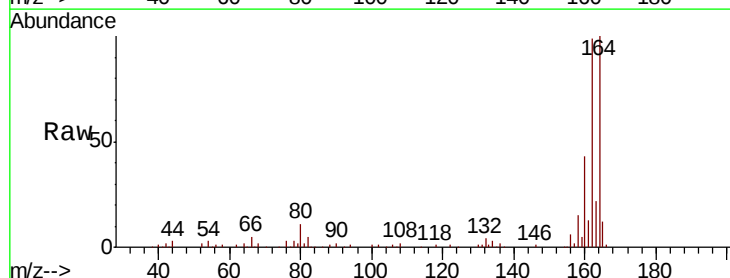


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

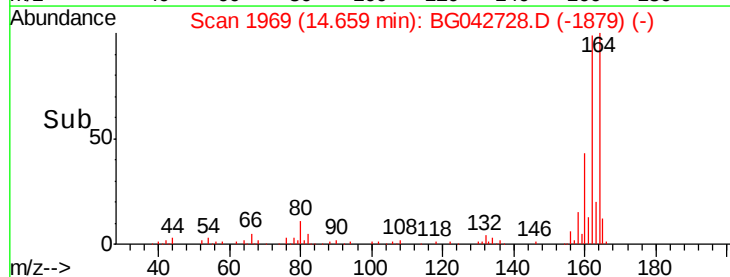
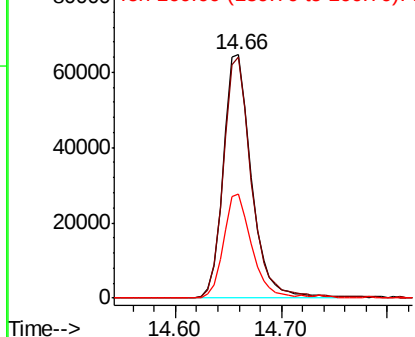


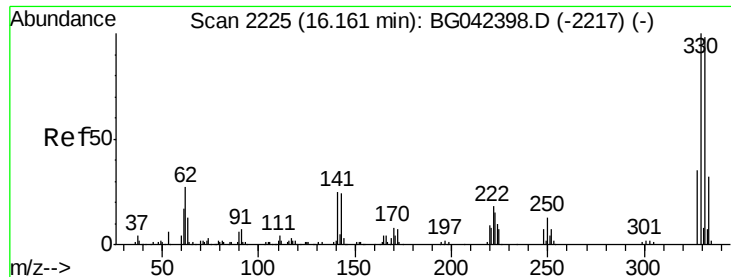
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042728.D
Acq: 5 Sep 2019 20:02

Tgt Ion:164 Resp: 119452
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 42.6 34.3 51.5



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





#42

2,4,6-Tribromophenol

Concen: 100.913 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

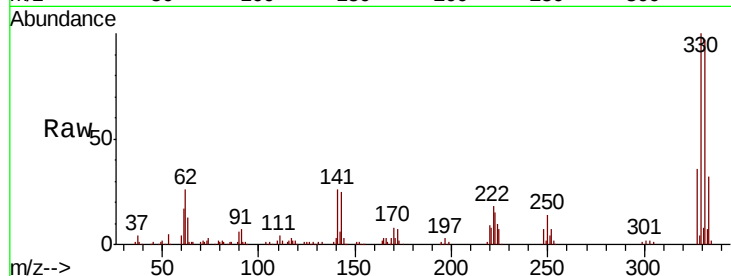
Tot Ion:330 Resp: 171331

Ion Ratio Lower Upper

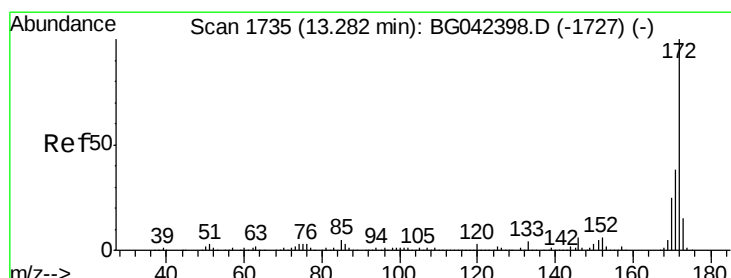
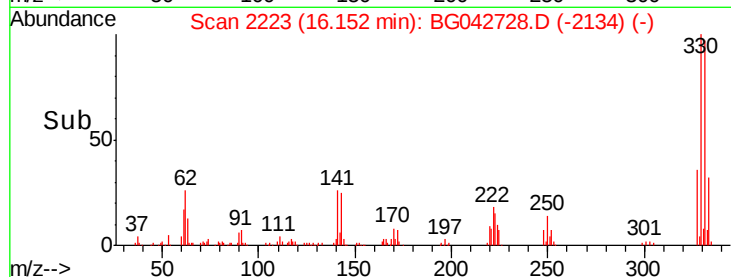
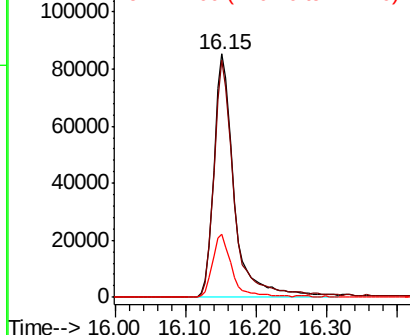
330 100

332 96.8 77.4 116.0

141 24.7 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: 72.651 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

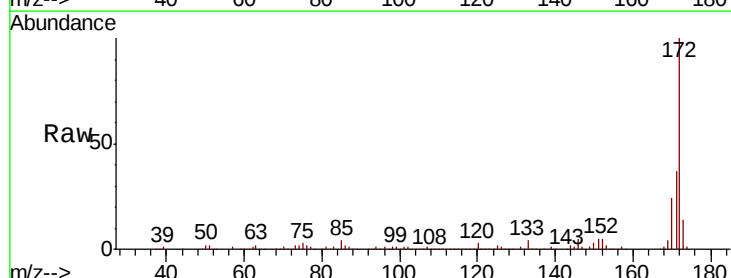
Tgt Ion:172 Resp: 513119

Ion Ratio Lower Upper

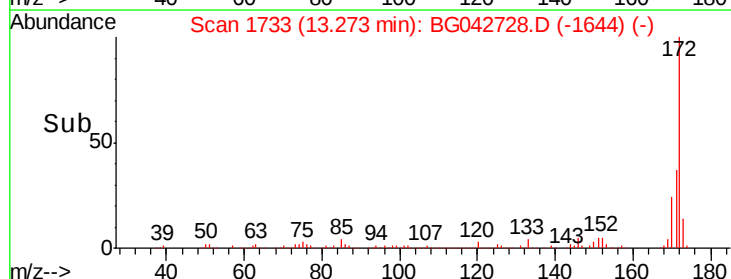
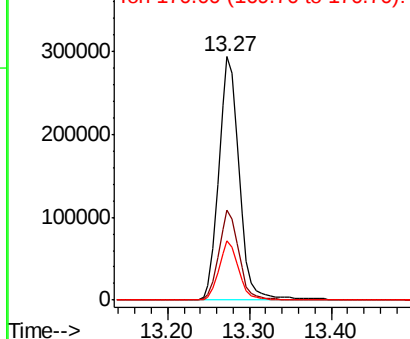
172 100

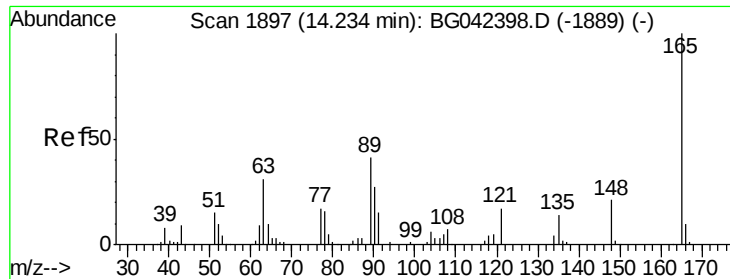
171 36.9 30.5 45.7

170 24.2 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

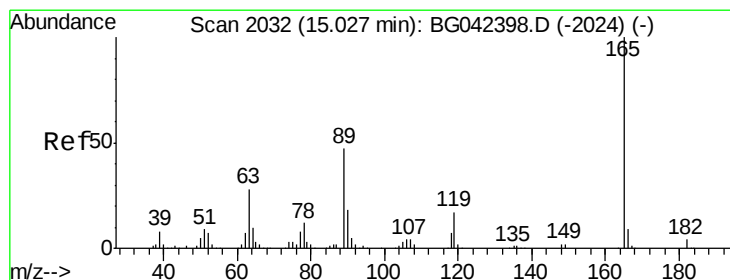
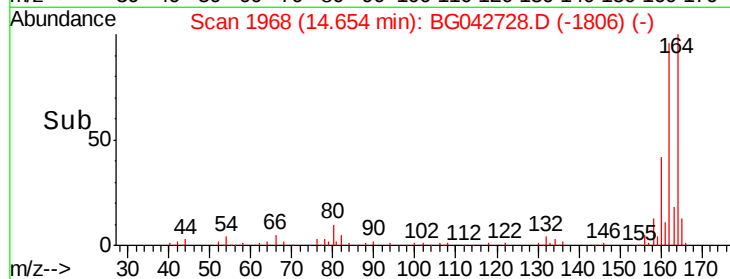
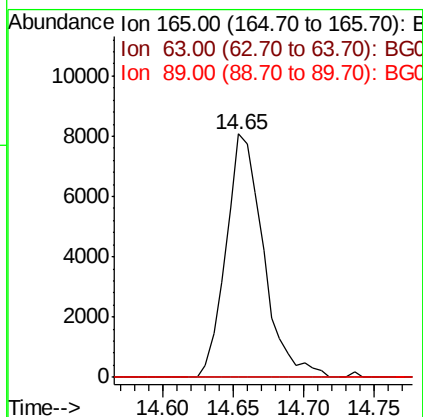
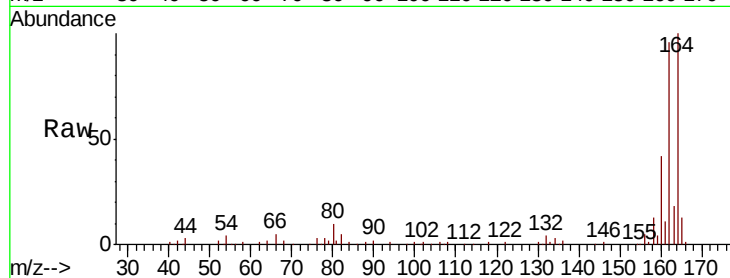




#51
 2,6-Dinitrotoluene
 Concen: 7.457 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.42 min
 Lab File: BG042728.D
 Acq: 5 Sep 2019 20:02

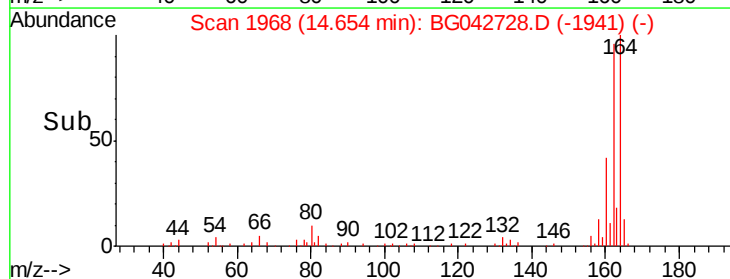
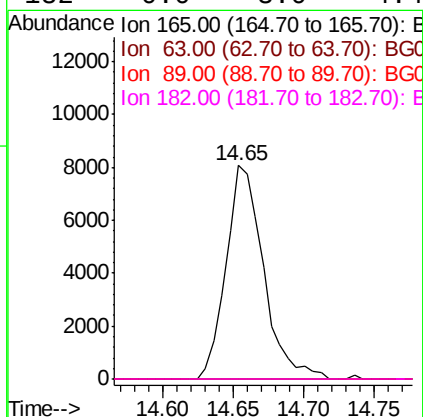
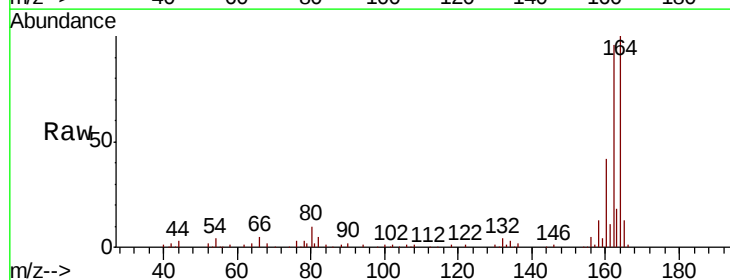
Instrument :
 BNA_G
 ClientSampleId :

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: 5.208 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.37 min
 Lab File: BG042728.D
 Acq: 5 Sep 2019 20:02

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#

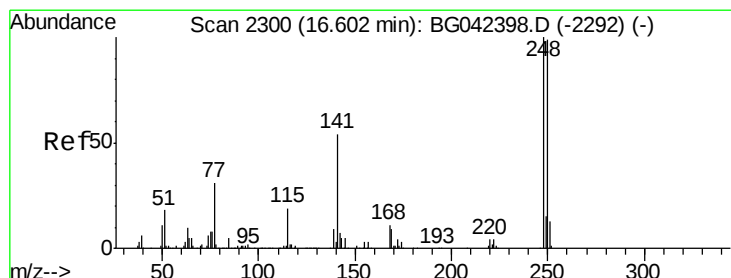
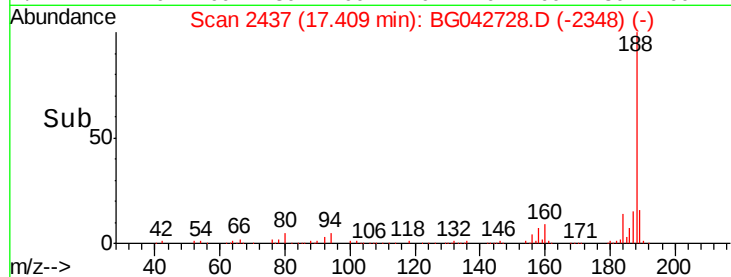
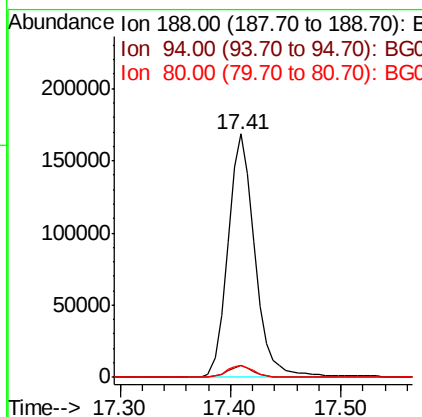
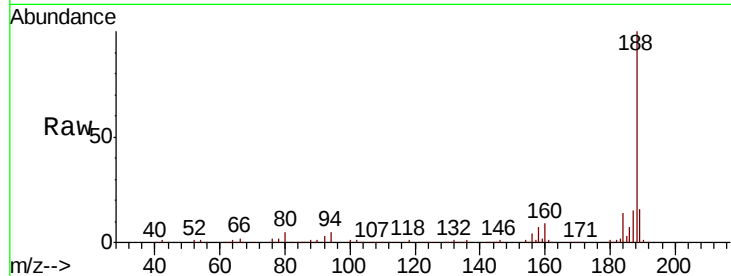




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042728.D
 Acq: 5 Sep 2019 20:02

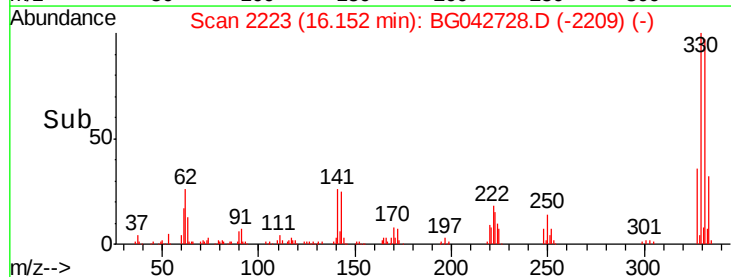
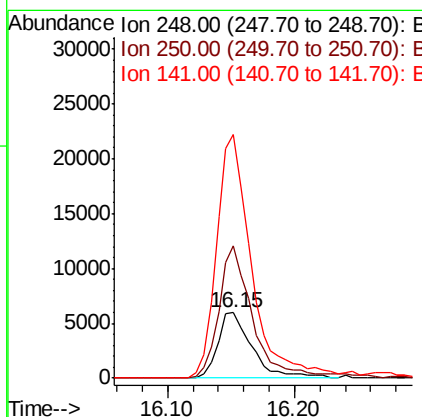
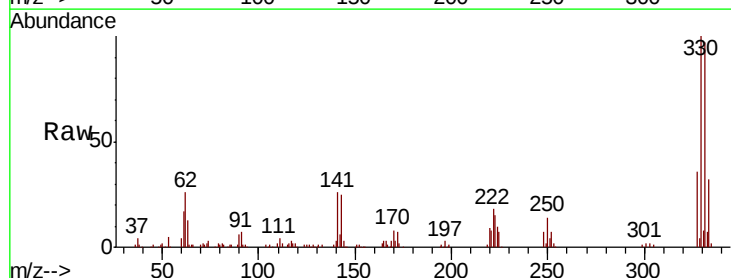
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 288249
 Ion Ratio Lower Upper
 188 100
 94 4.7 4.5 6.7
 80 5.2 4.9 7.3



#67
 4-Bromophenyl-phenylether
 Concen: 3.042 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042728.D
 Acq: 5 Sep 2019 20:02

Tgt Ion:248 Resp: 11123
 Ion Ratio Lower Upper
 248 100
 250 201.2 78.9 118.3#
 141 371.9 43.3 64.9#

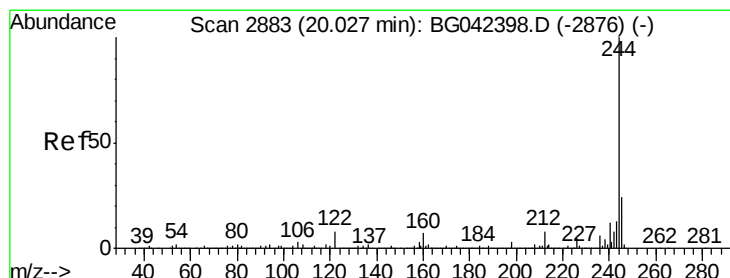
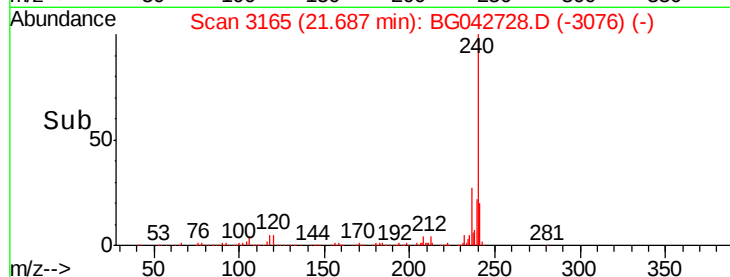
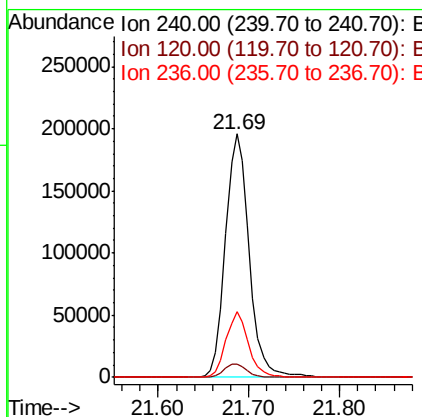
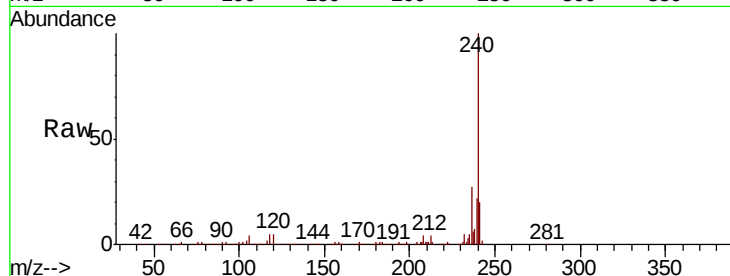




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042728.D
 Acq: 5 Sep 2019 20:02

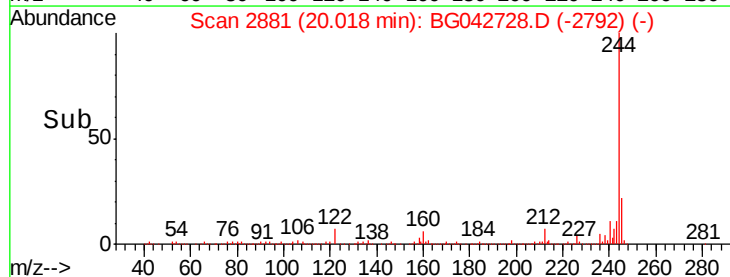
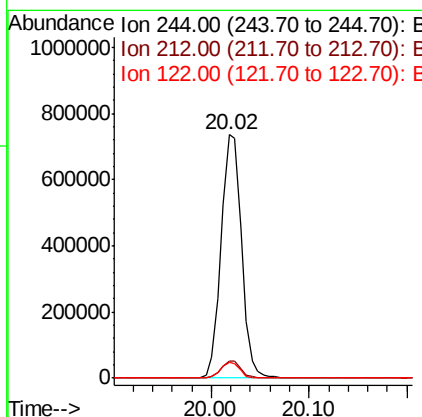
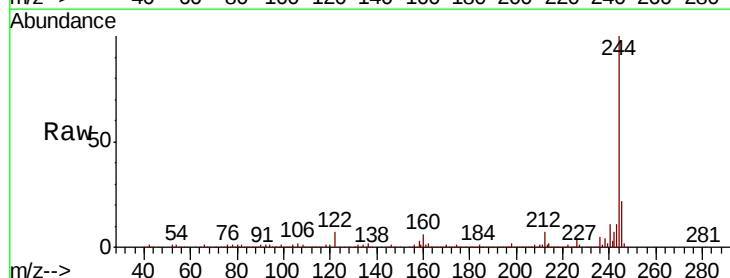
Instrument :
 BNA_G
 ClientSampled :

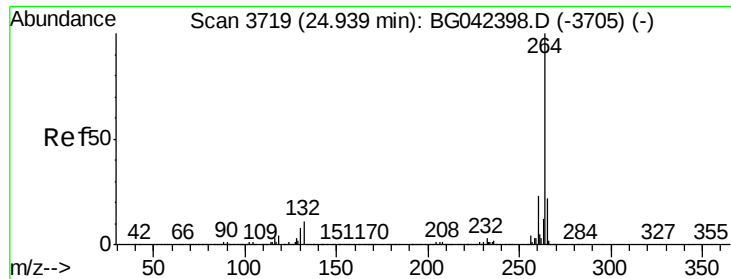
Tot Ion:240 Resp: 355471
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.7 8.5#
 236 26.8 21.0 31.4



#79
 Terphenyl-d14
 Concen: 65.148 ng
 RT: 20.02 min Scan# 2881
 Delta R.T. -0.01 min
 Lab File: BG042728.D
 Acq: 5 Sep 2019 20:02

Tgt Ion:244 Resp: 1071196
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 6.6 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: BG042728.D
 Acq: 5 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.5	27.7
265	21.3	17.6	26.4

