

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042609.D
 Acq On : 30 Aug 2019 20:38
 Operator : HP/JU
 Sample : K4409-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 30 23:15:00 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

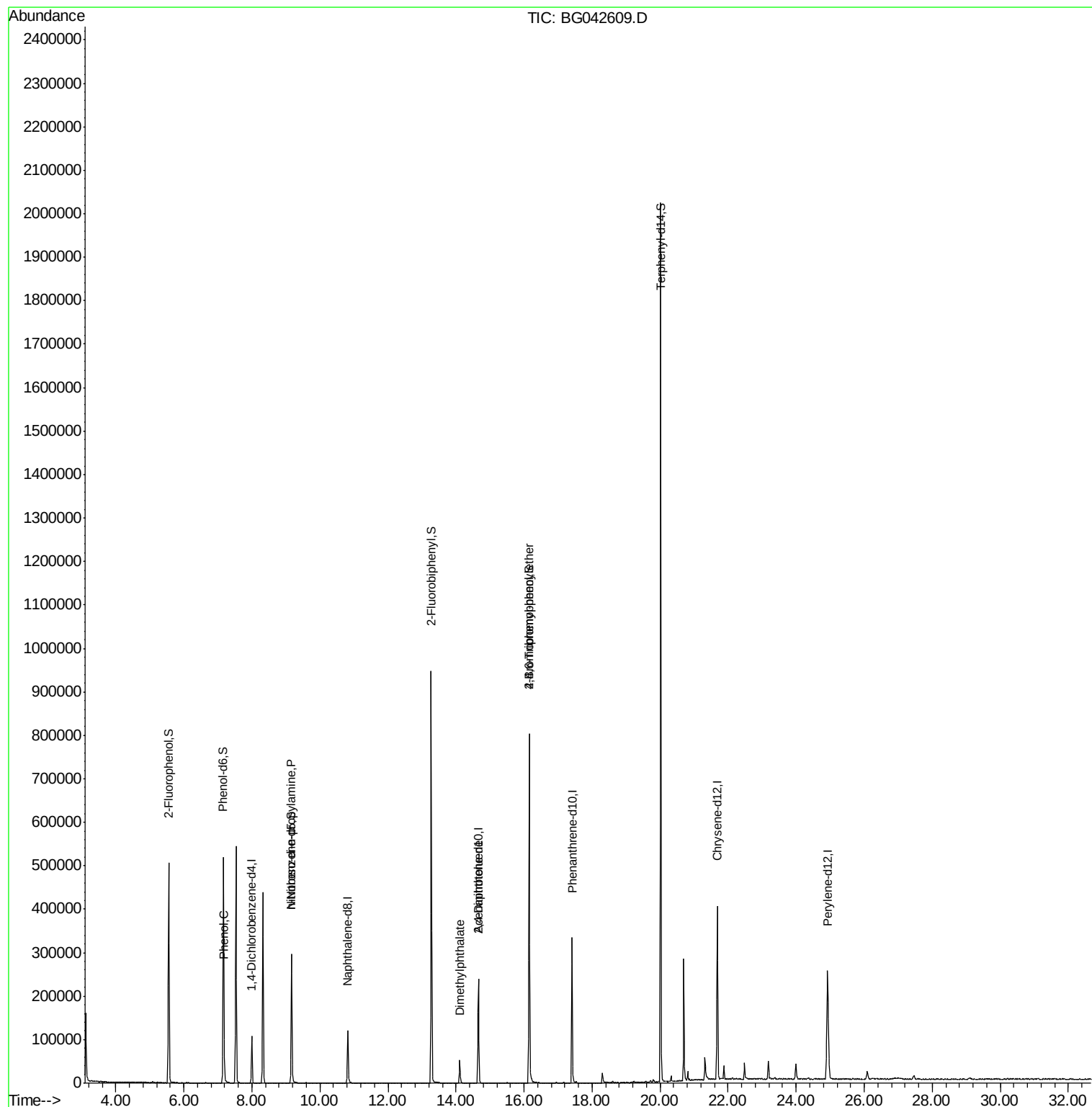
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35141	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	136096	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	102182	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	243410	20.00	ng	0.00
76) Chrysene-d12	21.68	240	262657	20.00	ng	-0.02
87) Perylene-d12	24.92	264	309950	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	256659	147.92	ng	0.00
7) Phenol-d6	7.16	99	338195	144.30	ng	0.00
23) Nitrobenzene-d5	9.17	82	193239	98.12	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	217985	150.09	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	594992	98.48	ng	0.00
79) Terphenyl-d14	20.02	244	1071073	88.16	ng	0.00
Target Compounds						
10) Phenol	7.19	94	19492	8.180	ng	86
19) n-Nitroso-di-n-propylamine	9.17	70	25594	16.856	ng	# 75
50) Dimethylphthalate	14.11	163	55588	7.540	ng	99
57) 2,4-Dinitrotoluene	14.65	165	13118	5.360	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	15118	4.897	ng	# 1

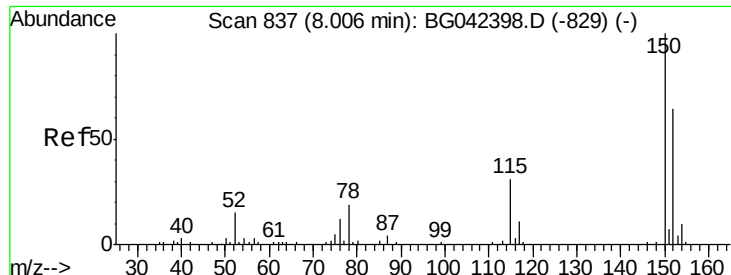
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



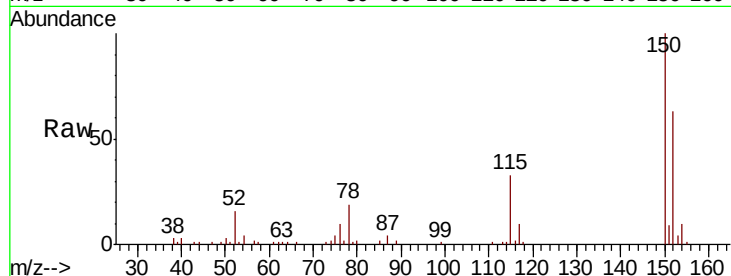


#1

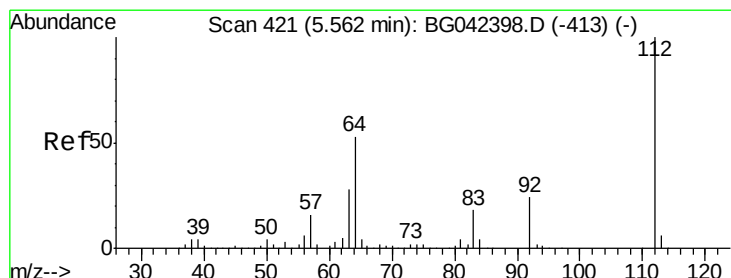
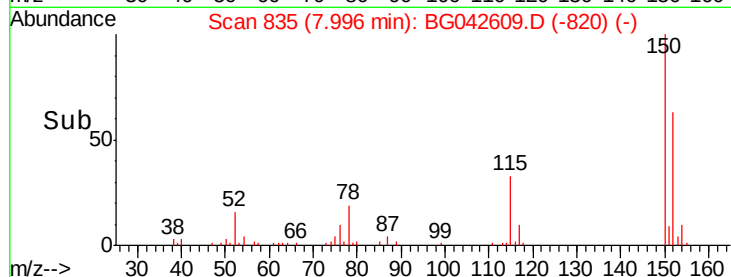
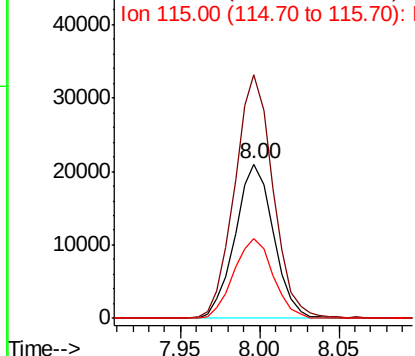
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35141
Ion Ratio Lower Upper
152 100
150 157.7 125.4 188.0
115 51.4 38.5 57.7



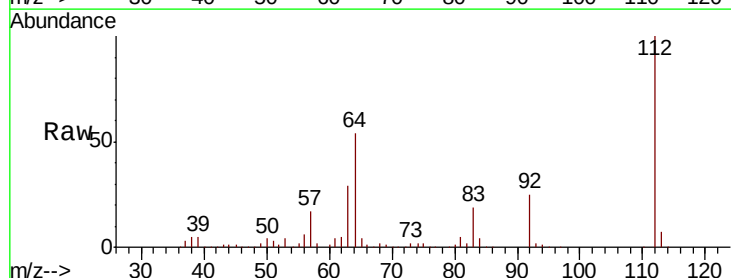
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



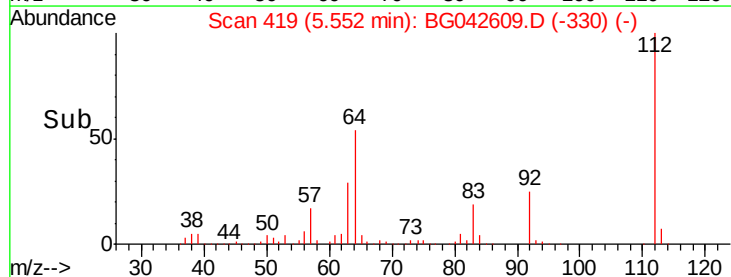
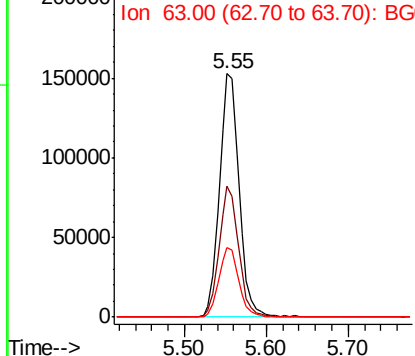
#5

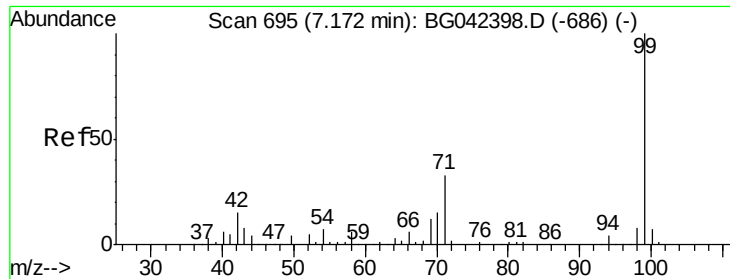
2-Fluorophenol
Concen: 147.921 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Tgt Ion:112 Resp: 256659
Ion Ratio Lower Upper
112 100
64 53.8 42.8 64.2
63 28.8 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: 144.297 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042609.D

Acq: 30 Aug 2019 20:38

Instrument :

BNA_G

ClientSampled :

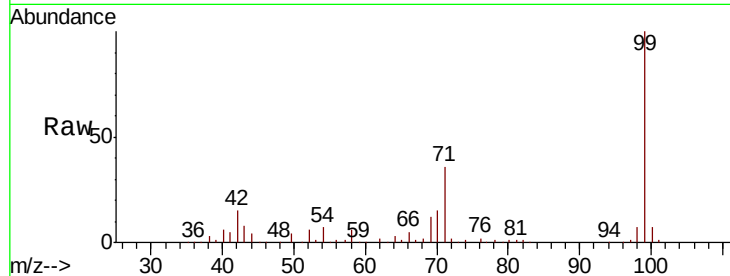
Tot Ion: 99 Resp: 338195

Ion Ratio Lower Upper

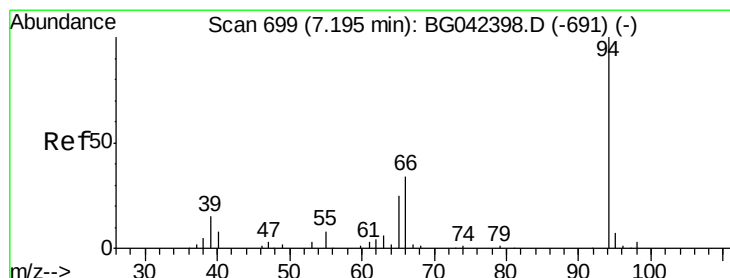
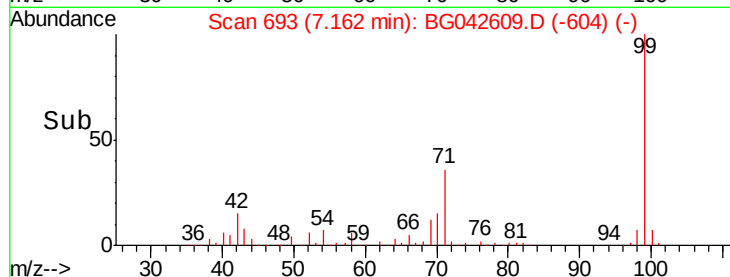
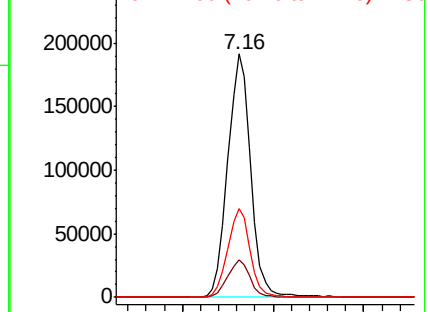
99 100

42 15.4 12.0 18.0

71 36.3 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



#10

Phenol

Concen: 8.180 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042609.D

Acq: 30 Aug 2019 20:38

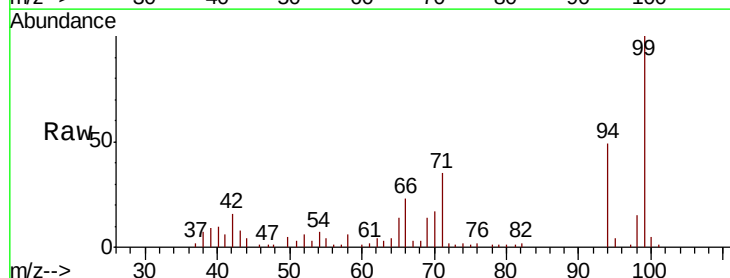
Tgt Ion: 94 Resp: 19492

Ion Ratio Lower Upper

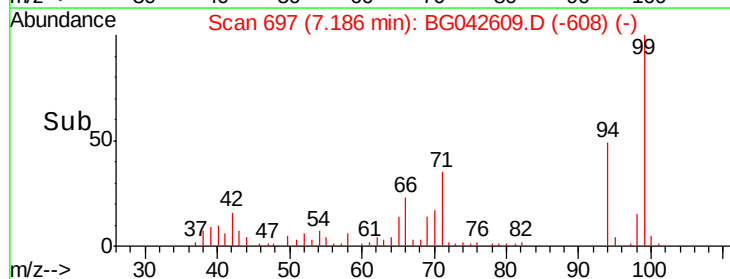
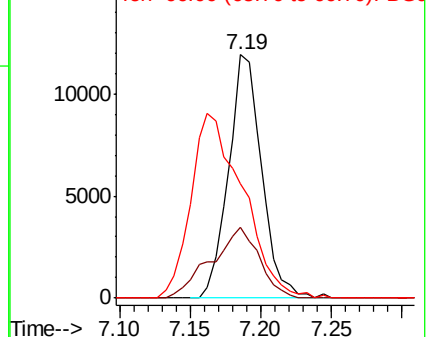
94 100

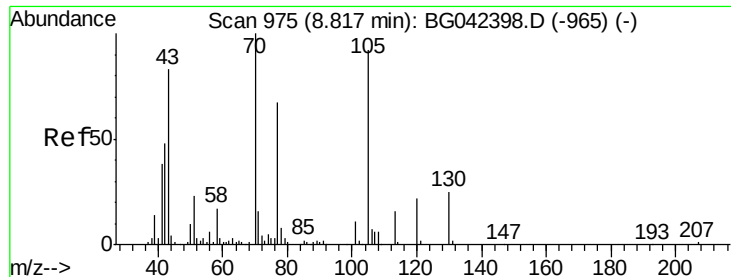
65 29.2 5.6 45.6

66 47.2 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

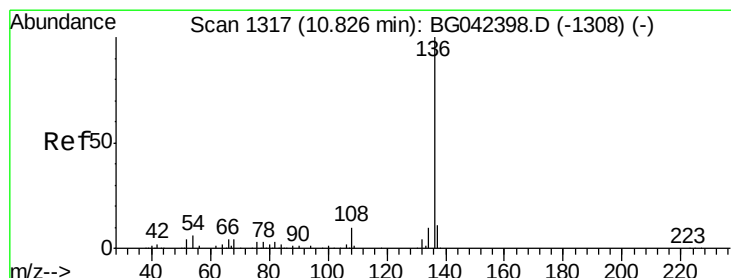
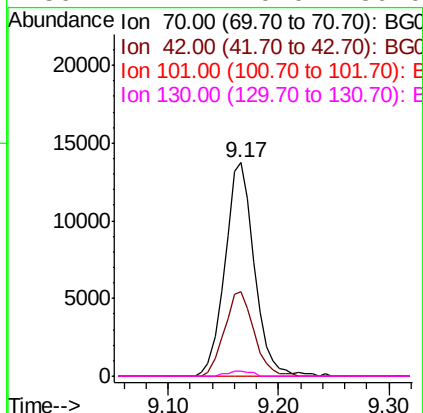
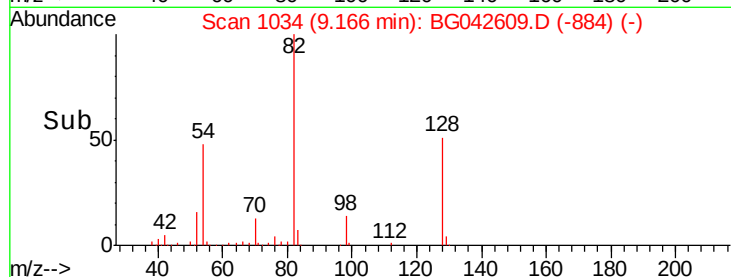
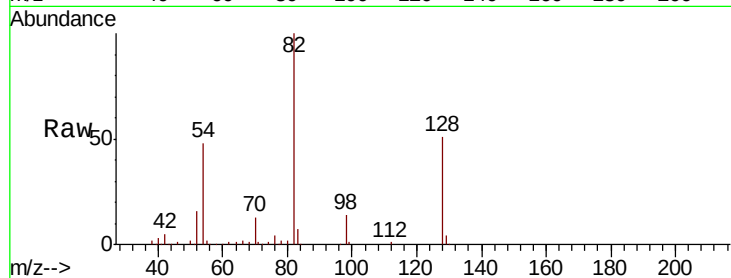




#19
n-Nitroso-di-n-propylamine
Concen: 16.856 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

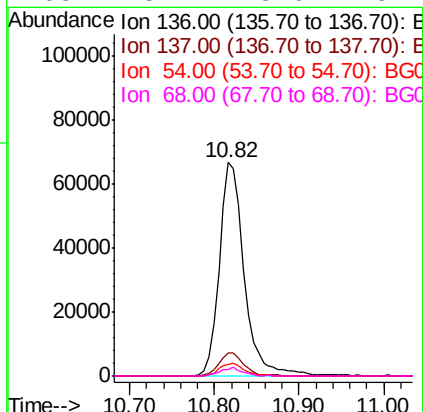
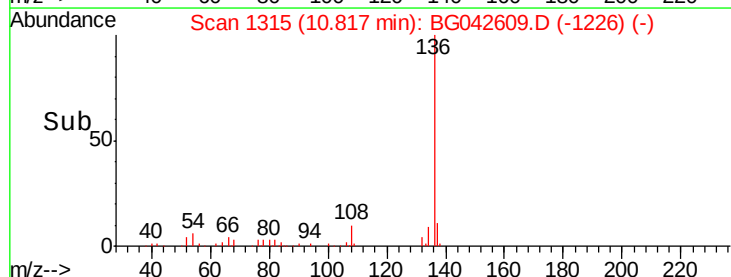
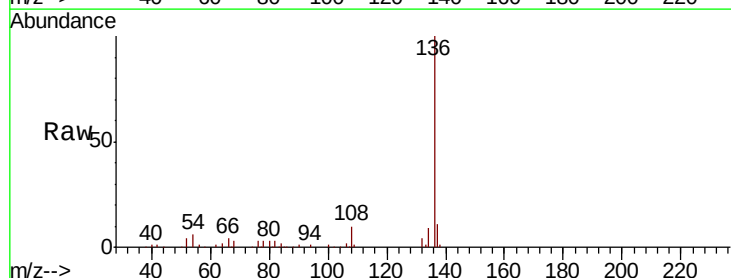
Instrument :
BNA_G
ClientSampleId :

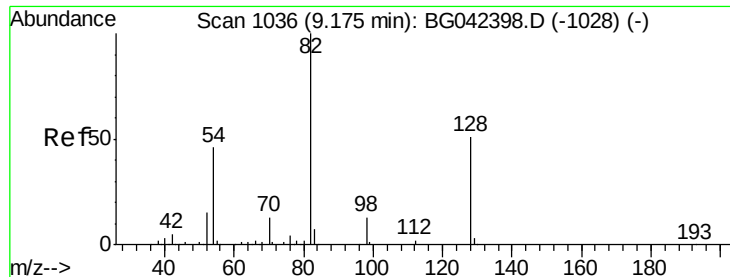
Tot Ion: 70 Resp: 25594
Ion Ratio Lower Upper
70 100
42 39.5 38.8 58.2
101 0.0 9.0 13.6#
130 2.7 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Tgt Ion: 136 Resp: 136096
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 5.6 4.9 7.3
68 3.2 3.6 5.4#

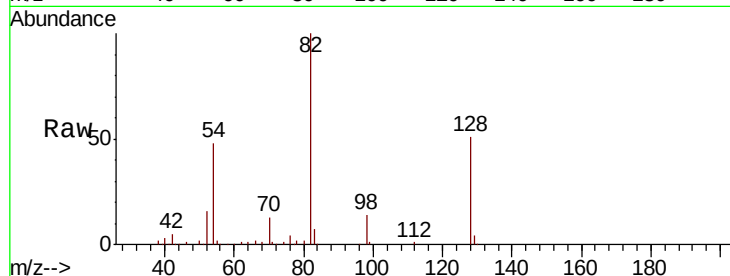




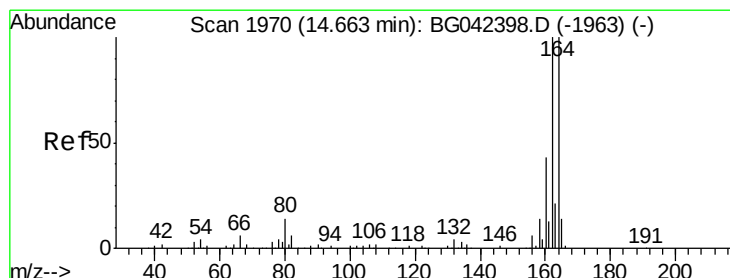
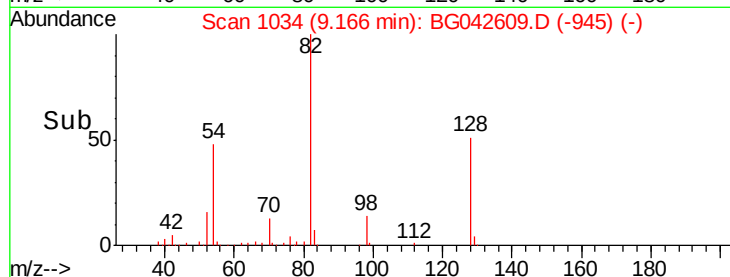
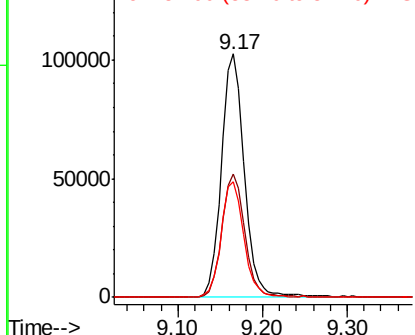
#23
Nitrobenzene-d5
Concen: 98.119 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	193239
Ion Ratio	100	Lower	Upper
128	50.8	40.7	61.1
54	47.7	36.3	54.5

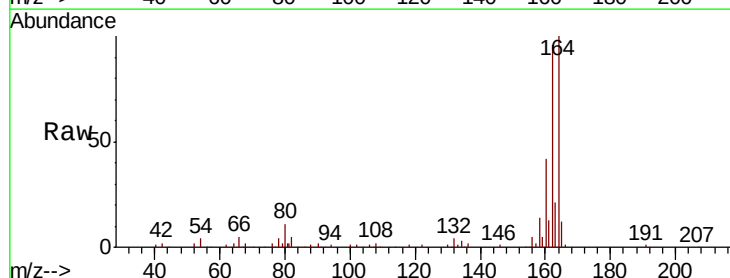


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

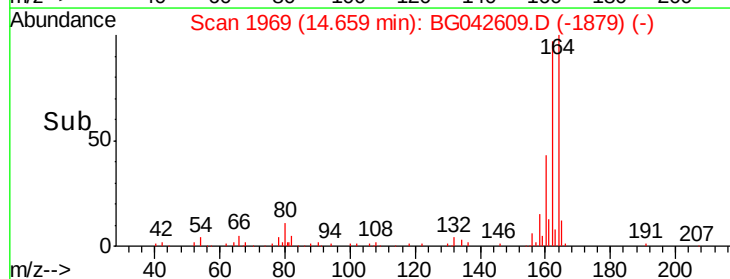
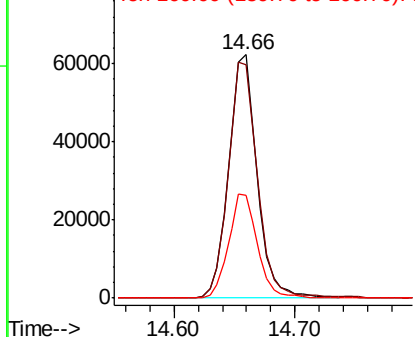


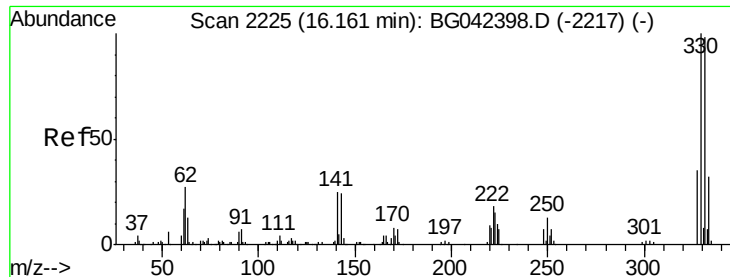
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Tgt Ion	164	Resp	102182
Ion Ratio	100	Lower	Upper
162	96.0	79.9	119.9
160	42.4	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

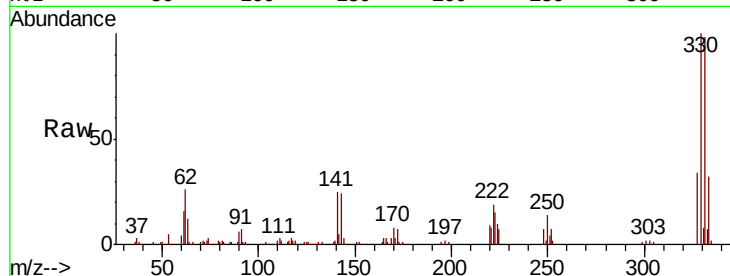




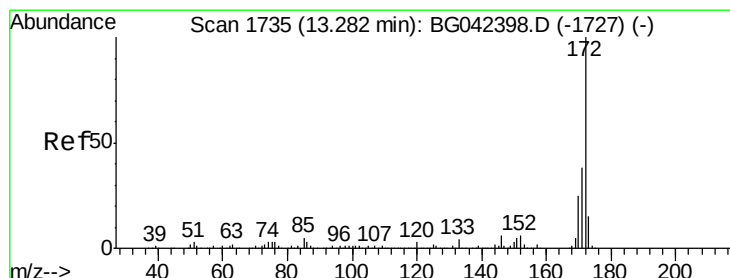
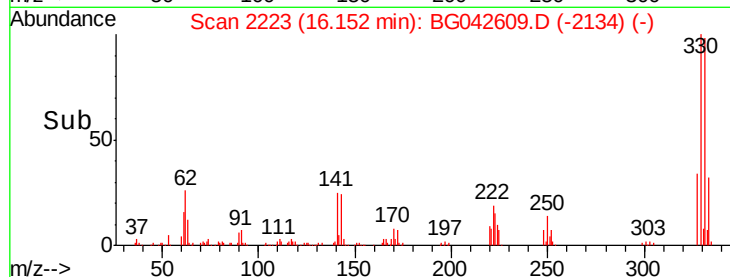
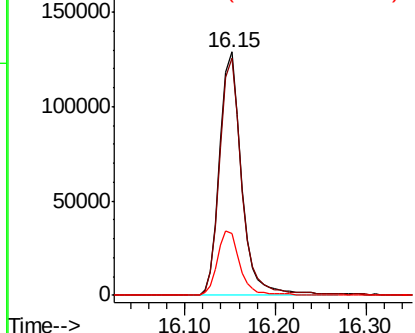
#42
 2,4,6-Tribromophenol
 Concen: 150.091 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042609.D
 Acq: 30 Aug 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.0
141	26.7	21.4	32.0

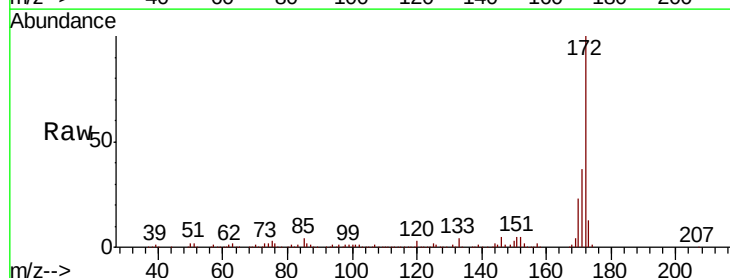


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

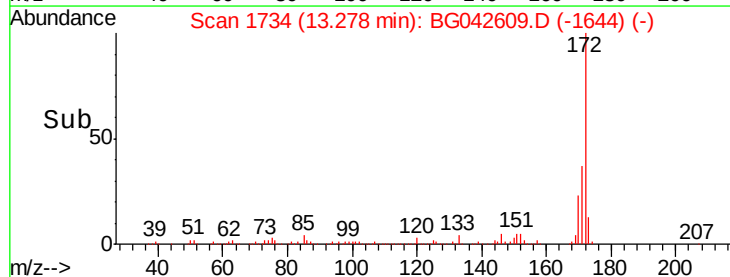
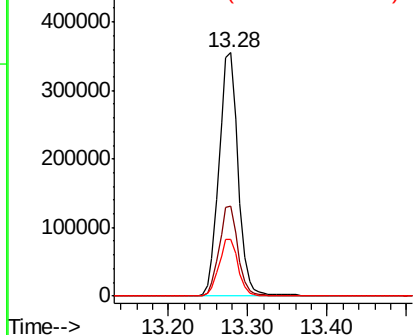


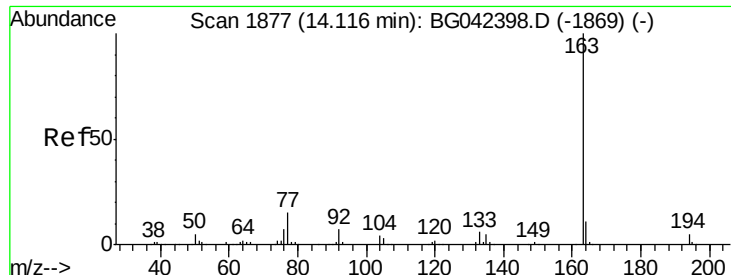
#45
 2-Fluorobiphenyl
 Concen: 98.481 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042609.D
 Acq: 30 Aug 2019 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	23.4	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: 7.540 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042609.D

Acq: 30 Aug 2019 20:38

Instrument :

BNA_G

ClientSampleId :

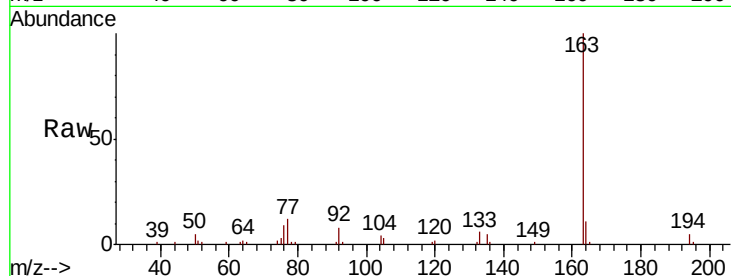
Tot Ion:163 Resp: 55588

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

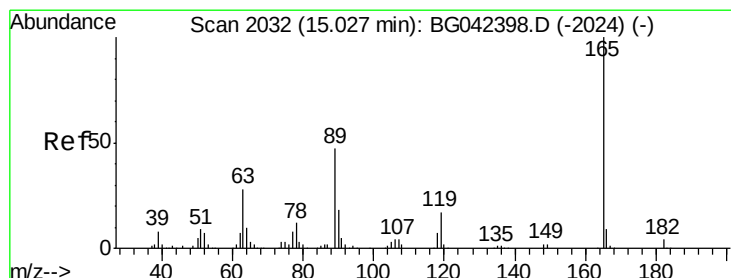
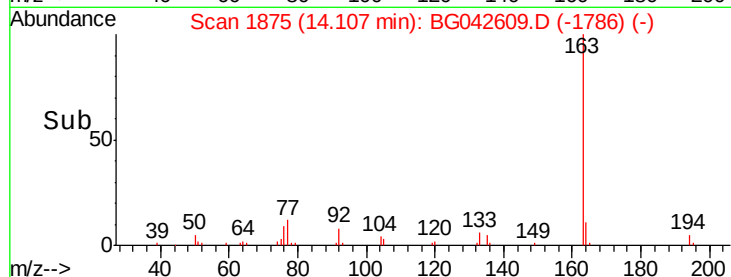
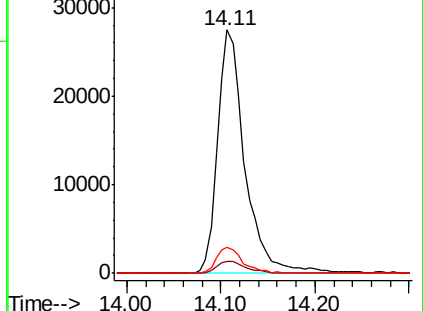
164 10.8 8.8 13.2



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: 5.360 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.37 min

Lab File: BG042609.D

Acq: 30 Aug 2019 20:38

Tgt Ion:165 Resp: 13118

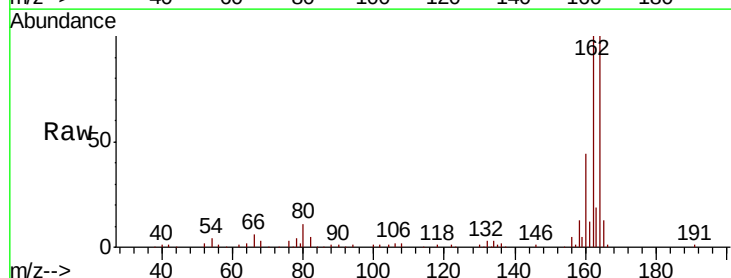
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#

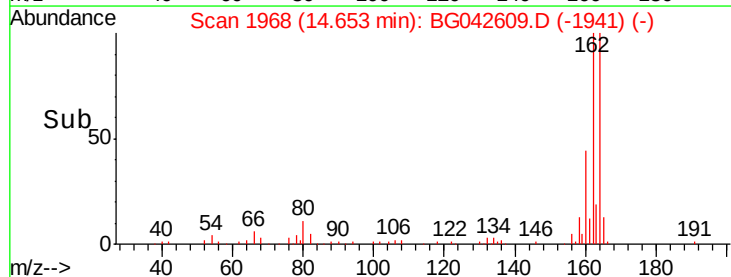
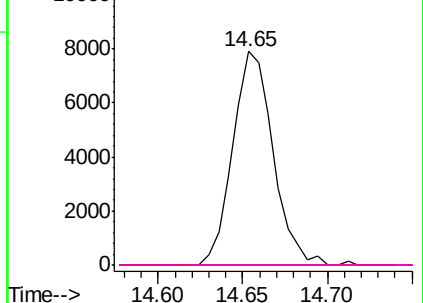


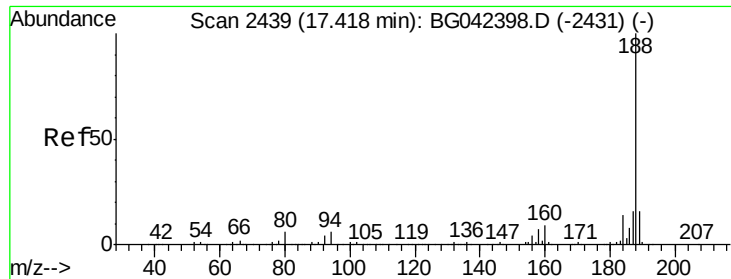
Abundance Ion 165.00 (164.70 to 165.70): E

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

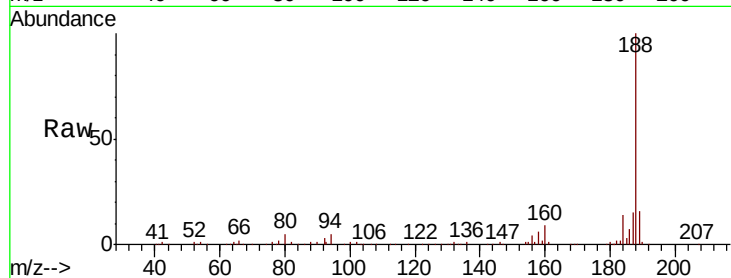




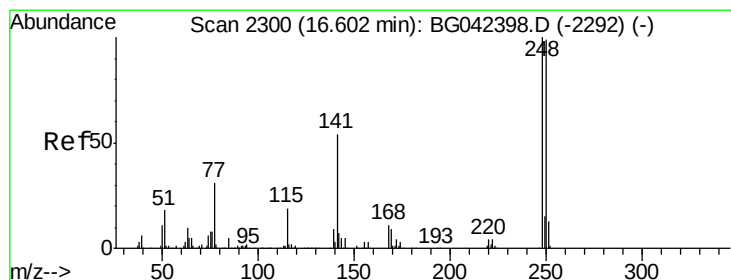
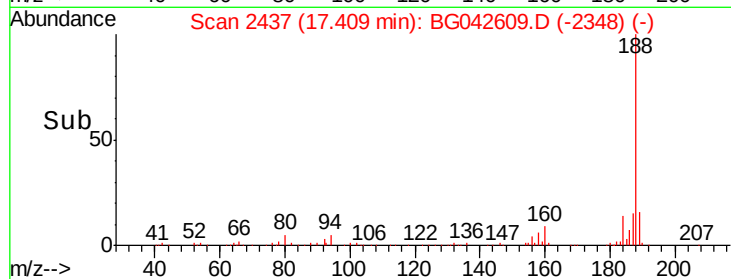
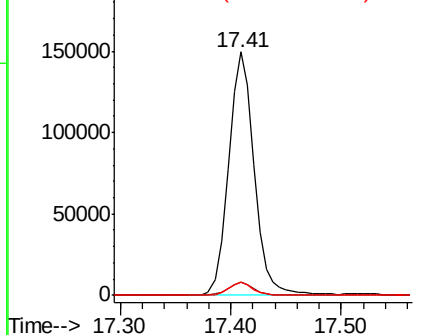
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042609.D
 Acq: 30 Aug 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 243410
 Ion Ratio Lower Upper
 188 100
 94 5.5 4.5 6.7
 80 5.4 4.9 7.3

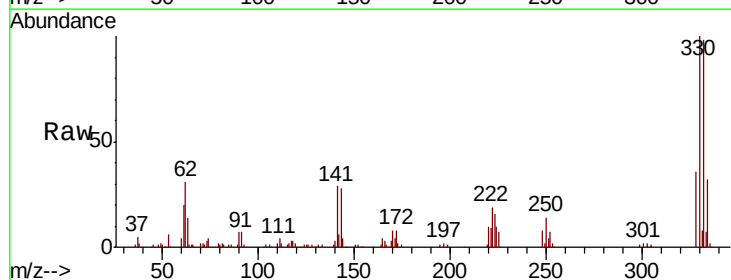


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

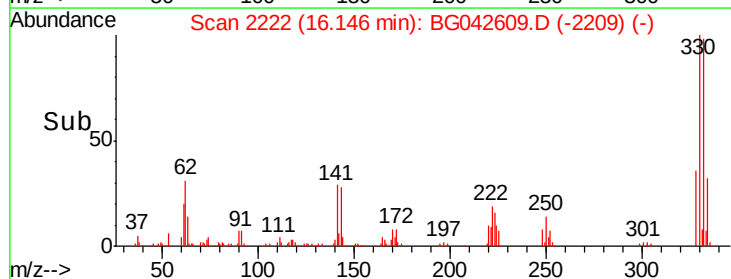
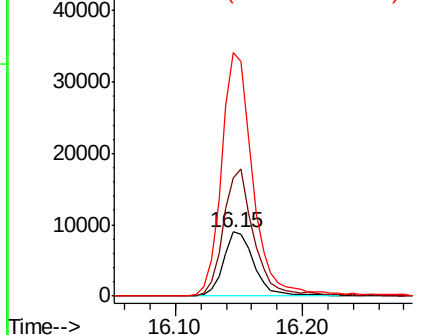


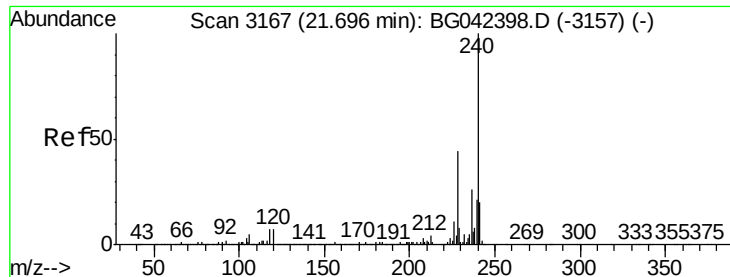
#67
 4-Bromophenyl-phenylether
 Concen: 4.897 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.46 min
 Lab File: BG042609.D
 Acq: 30 Aug 2019 20:38

Tgt Ion:248 Resp: 15118
 Ion Ratio Lower Upper
 248 100
 250 183.3 78.9 118.3#
 141 379.0 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

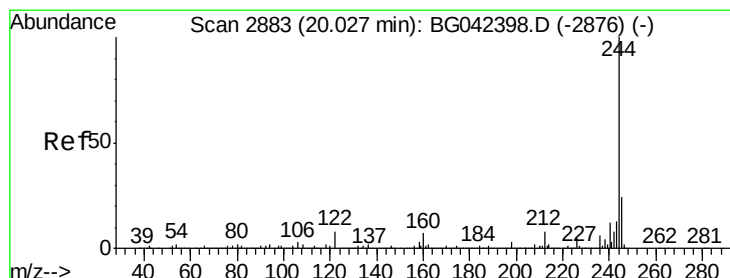
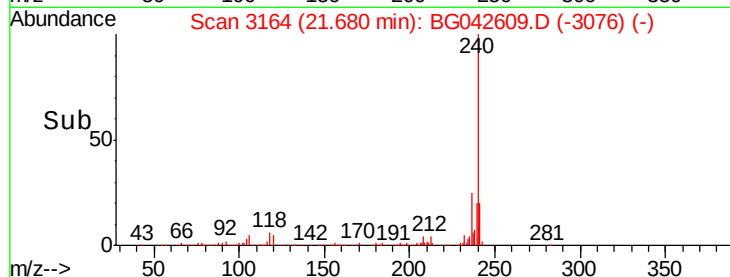
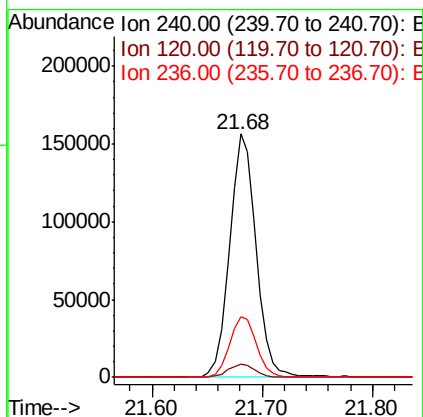
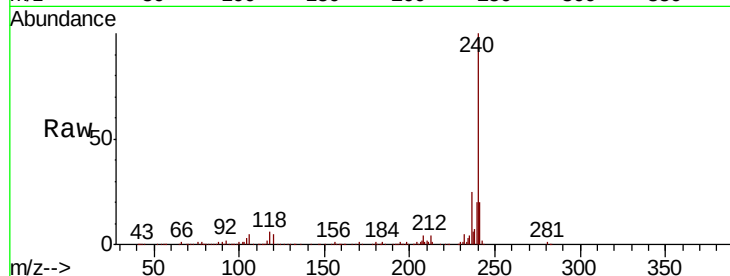




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG042609.D
 Acq: 30 Aug 2019 20:38

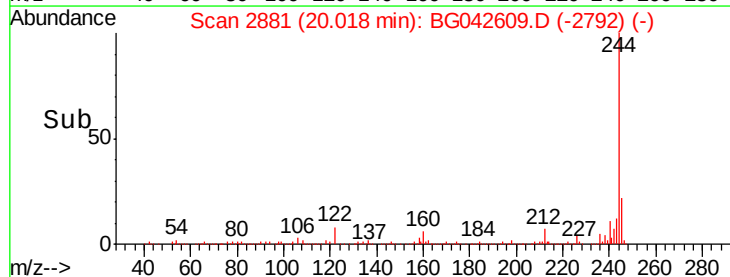
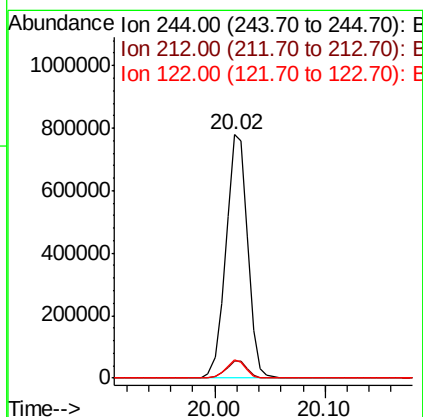
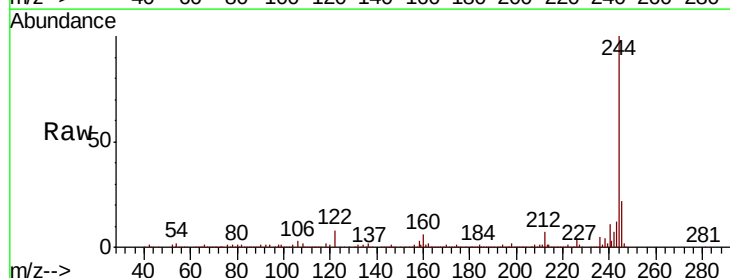
Instrument :
 BNA_G
 ClientSampleId :

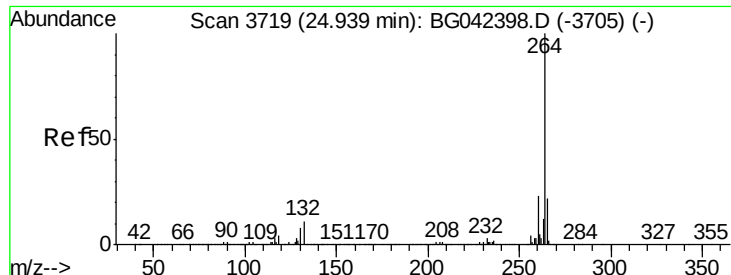
Tot Ion:240 Resp: 262657
 Ion Ratio Lower Upper
 240 100
 120 5.5 5.7 8.5#
 236 25.0 21.0 31.4



#79
 Terphenyl-d14
 Concen: 88.160 ng
 RT: 20.02 min Scan# 2881
 Delta R.T. -0.01 min
 Lab File: BG042609.D
 Acq: 30 Aug 2019 20:38

Tgt Ion:244 Resp: 1071073
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.6 6.7 10.1

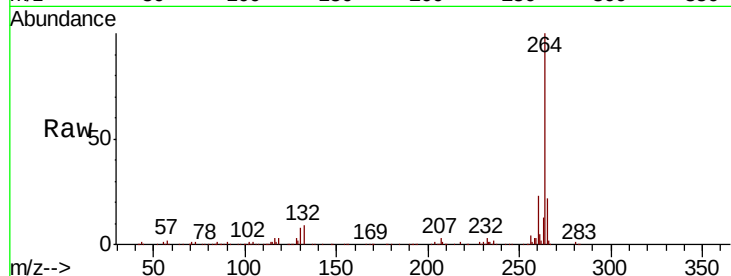




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042609.D
Acq: 30 Aug 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.0	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

