

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042695.D
 Acq On : 3 Sep 2019 19:07
 Operator : HP/JU
 Sample : K4603-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 04:07:35 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

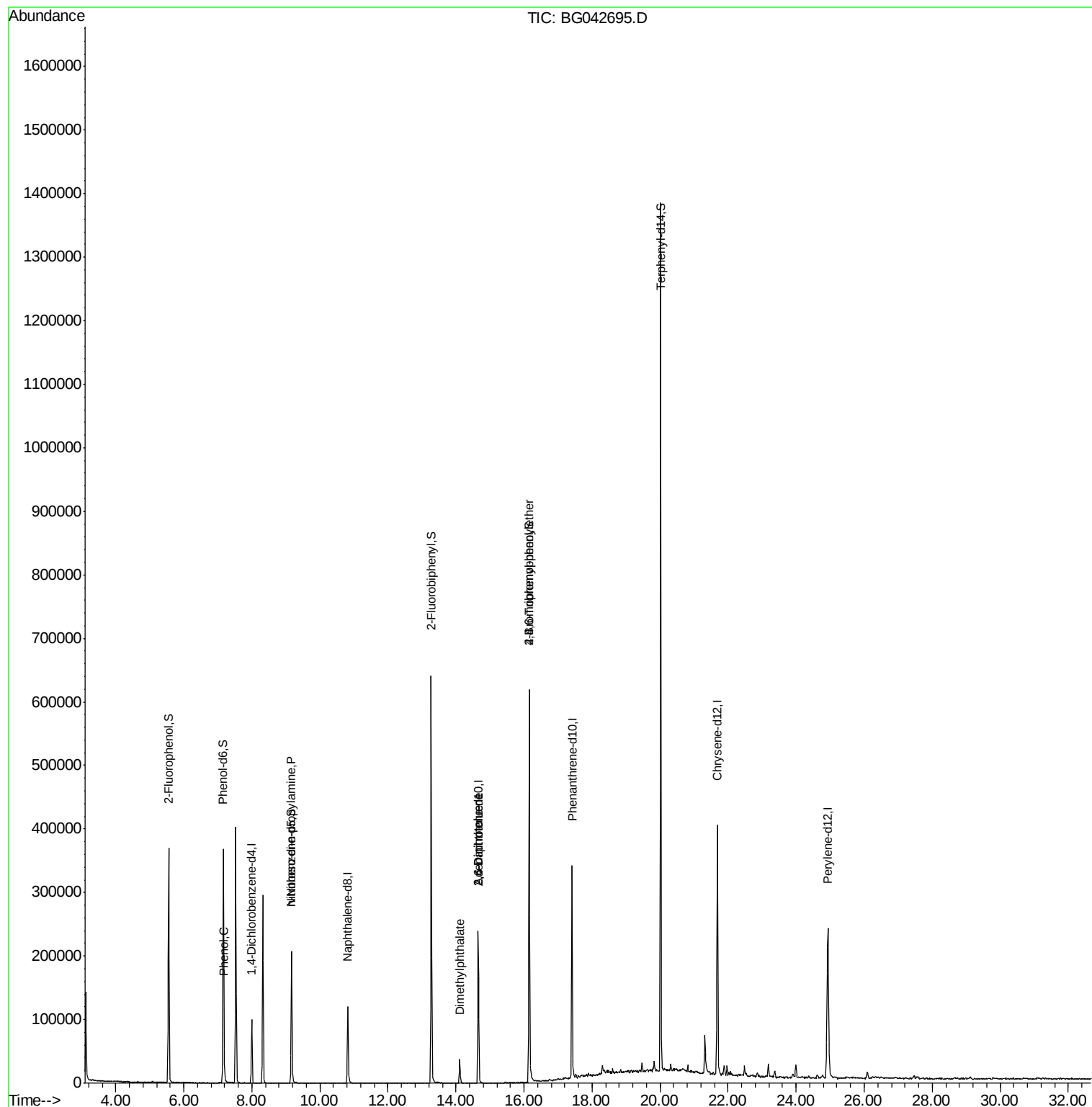
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33949	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	133892	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	104471	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	239610	20.00	ng	0.00
76) Chrysene-d12	21.69	240	260397	20.00	ng	0.00
87) Perylene-d12	24.93	264	307665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	185359	110.58	ng	0.00
7) Phenol-d6	7.16	99	246964	109.07	ng	0.00
23) Nitrobenzene-d5	9.17	82	139938	72.22	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	170903	115.10	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	398887	64.58	ng	0.00
79) Terphenyl-d14	20.02	244	743042	61.69	ng	0.00
Target Compounds						
10) Phenol	7.19	94	8019	3.483	ng	79
19) n-Nitroso-di-n-propylamine	9.17	70	18242	12.436	ng	# 79
50) Dimethylphthalate	14.11	163	41452	5.499	ng	# 96
51) 2,6-Dinitrotoluene	14.65	165	13428	7.685	ng	# 36
57) 2,4-Dinitrotoluene	14.65	165	13428	5.367	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	11313	3.722	ng	# 1

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

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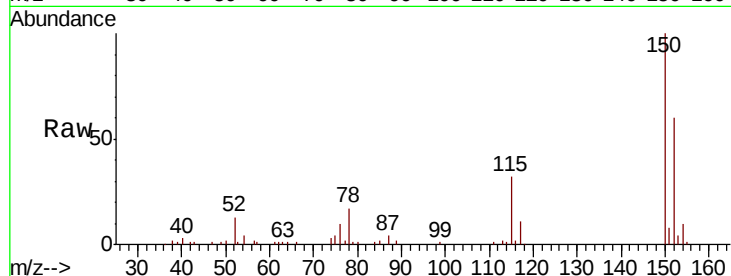


#1

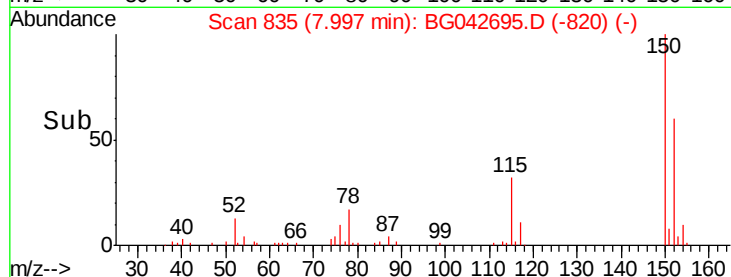
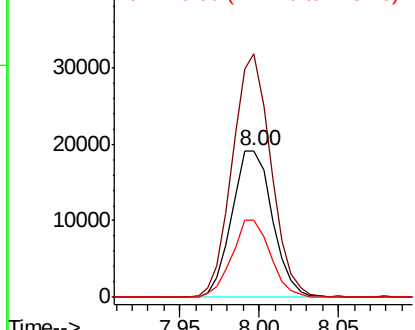
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33949
Ion Ratio Lower Upper
152 100
150 165.9 125.4 188.0
115 53.0 38.5 57.7



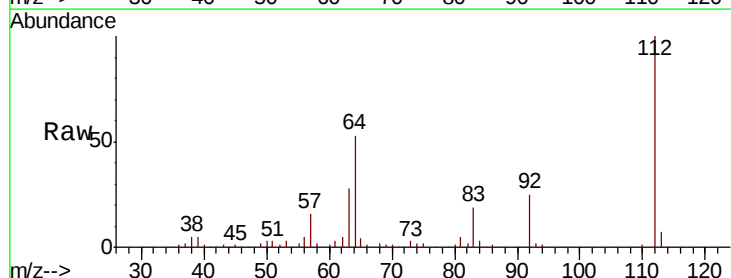
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



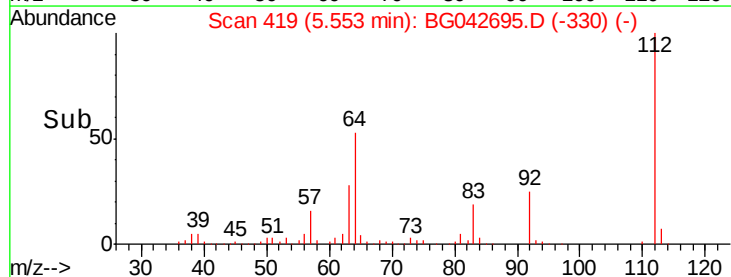
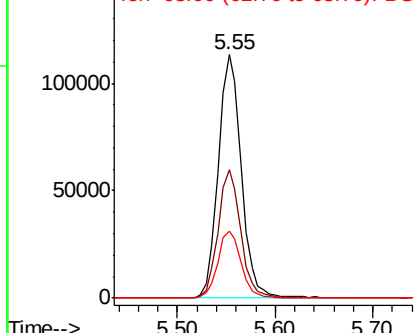
#5

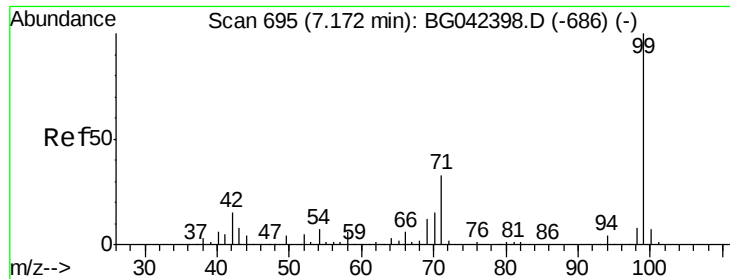
2-Fluorophenol
Concen: 110.579 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion:112 Resp: 185359
Ion Ratio Lower Upper
112 100
64 52.6 42.8 64.2
63 27.5 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: 109.072 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

Instrument :

BNA_G

ClientSampleId :

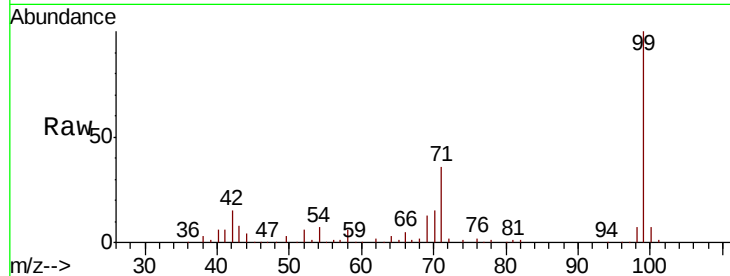
Tot Ion: 99 Resp: 246964

Ion Ratio Lower Upper

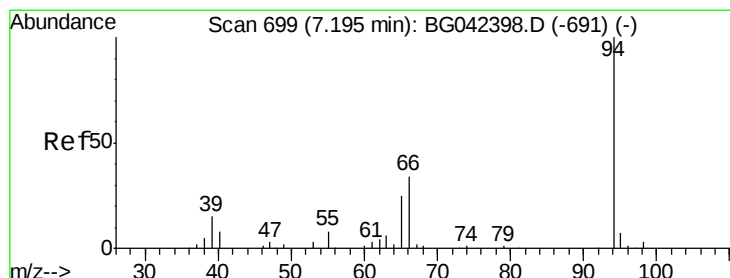
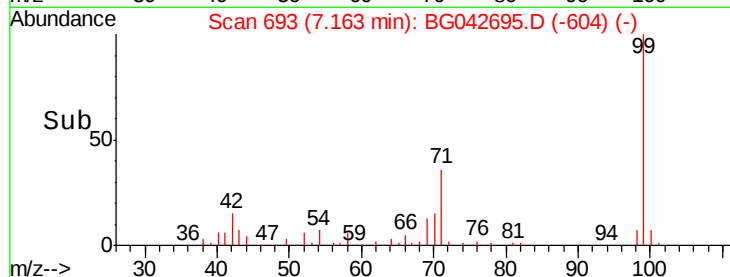
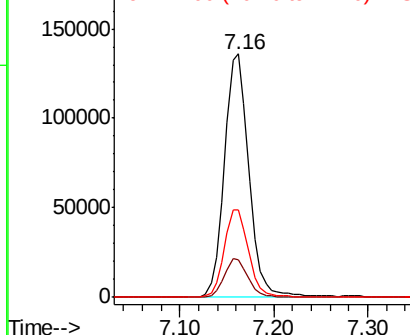
99 100

42 15.2 12.0 18.0

71 35.9 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: 3.483 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

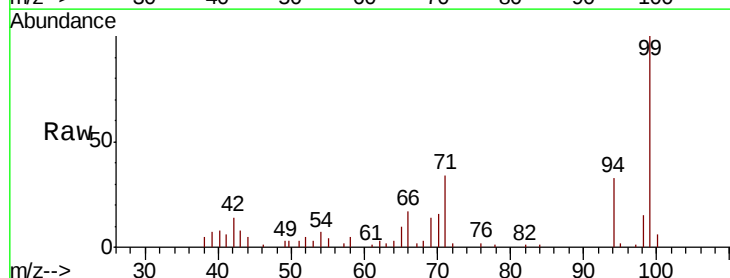
Tgt Ion: 94 Resp: 8019

Ion Ratio Lower Upper

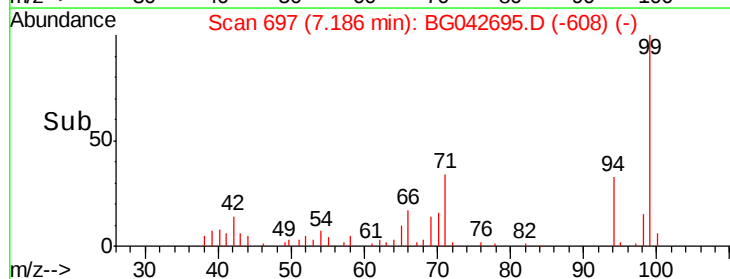
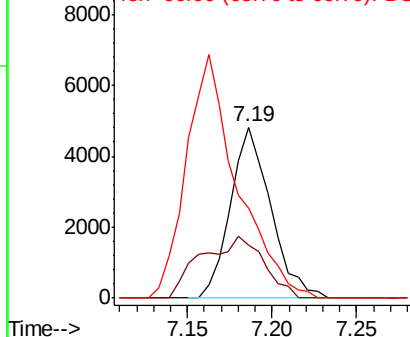
94 100

65 31.1 5.6 45.6

66 52.5 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

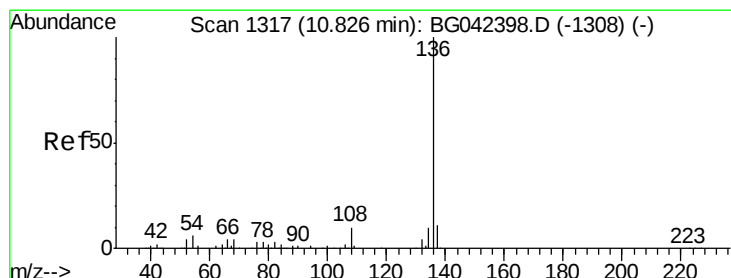
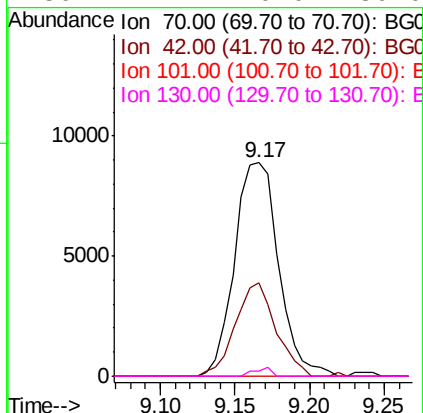
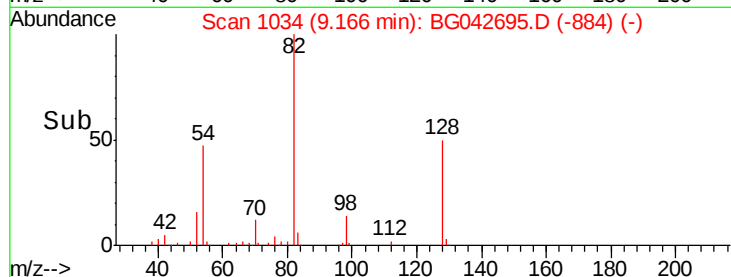
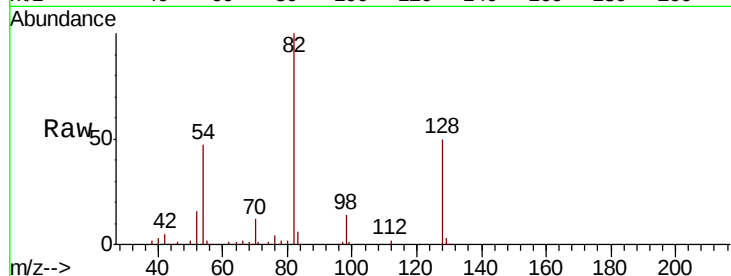




#19
n-Nitroso-di-n-propylamine
Concen: 12.436 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

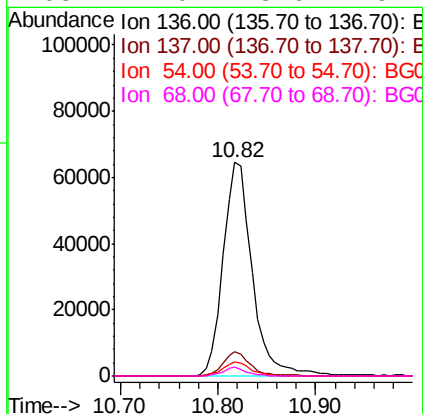
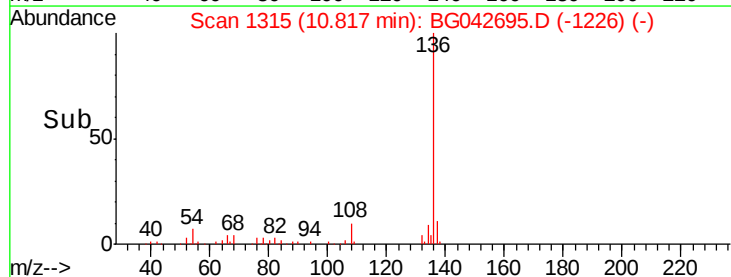
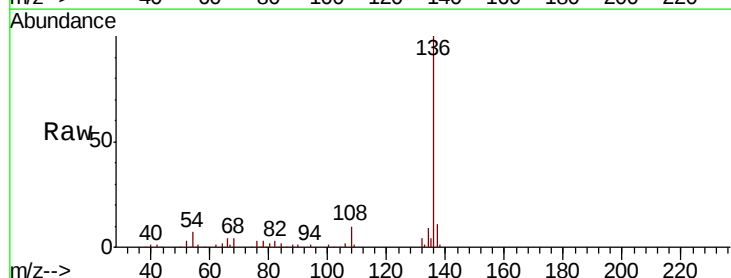
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 18242
Ion Ratio Lower Upper
70 100
42 43.8 38.8 58.2
101 0.0 9.0 13.6#
130 2.1 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: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion: 136 Resp: 133892
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.5 4.9 7.3
68 4.0 3.6 5.4

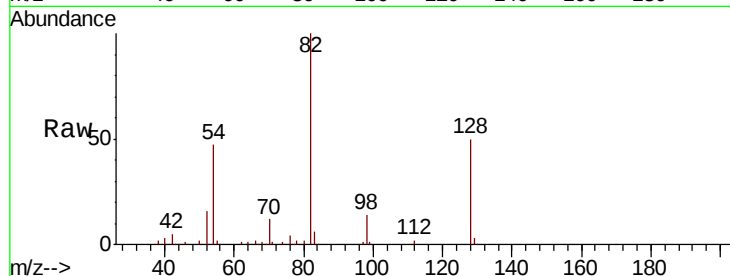




#23
Nitrobenzene-d5
Concen: 72.224 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	139938
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.7	61.1
54	47.4	36.3	54.5

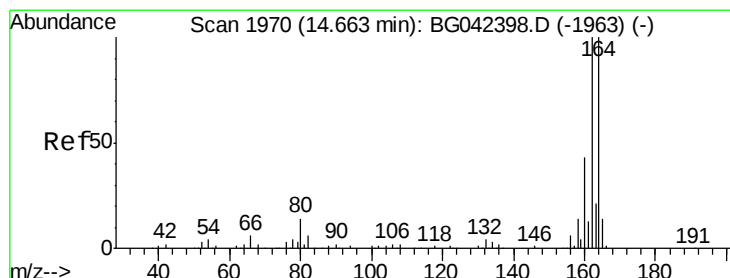
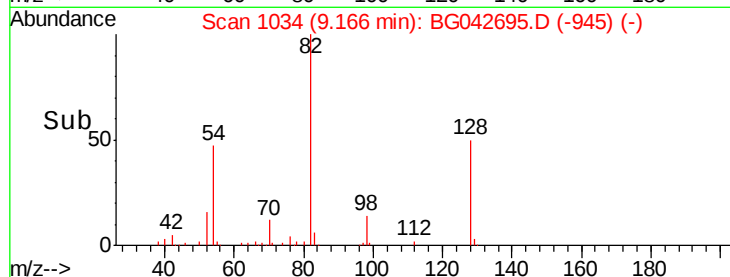
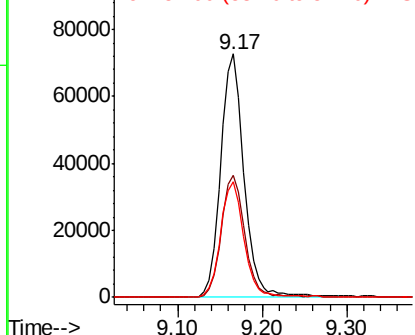


Abundance

Ion 82.00 (81.70 to 82.70): BGC

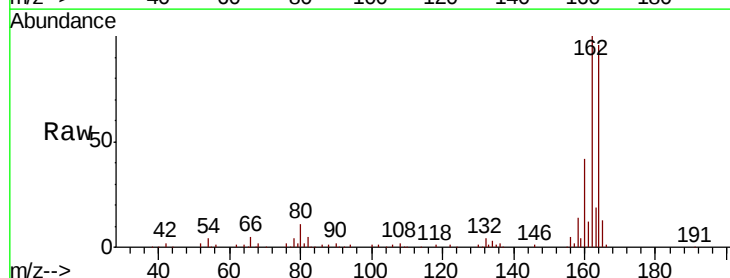
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion	164	Resp	104471
Ion Ratio	Lower	Upper	
164	100		
162	104.5	79.9	119.9
160	43.6	34.3	51.5

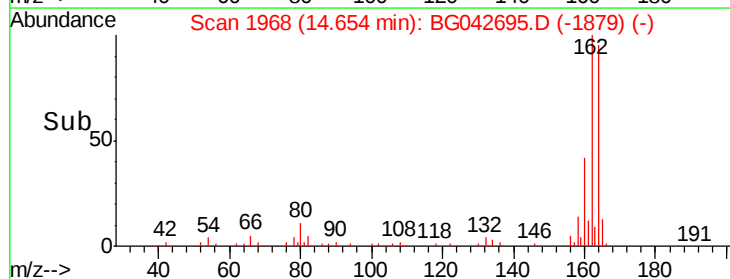
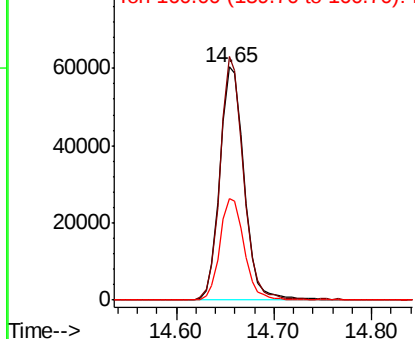


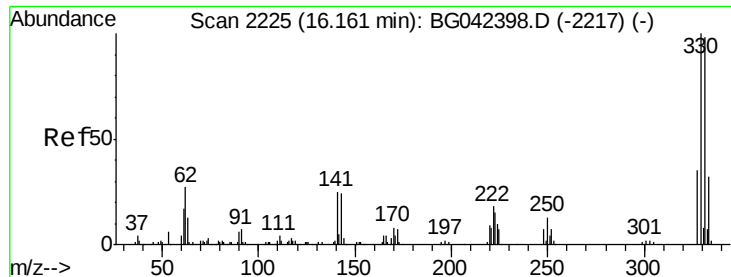
Abundance

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

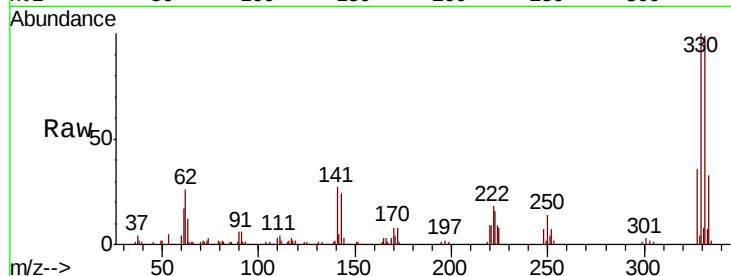




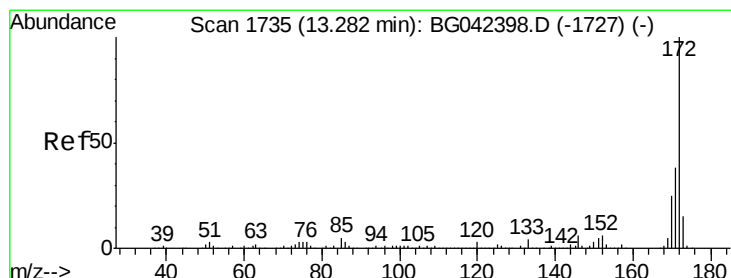
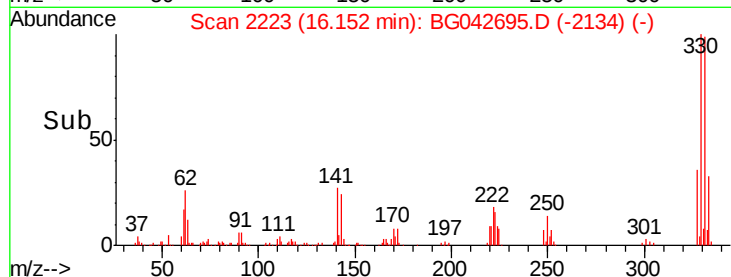
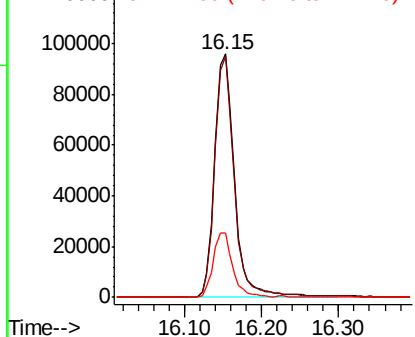
#42
 2,4,6-Tribromophenol
 Concen: 115.095 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042695.D
 Acq: 3 Sep 2019 19:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	26.0	21.4	32.0

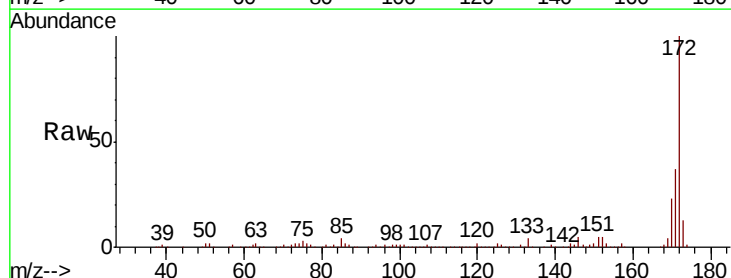


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

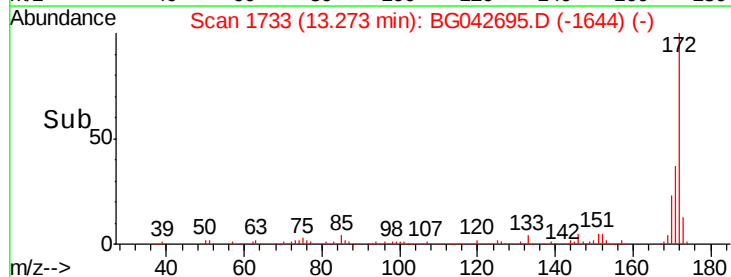
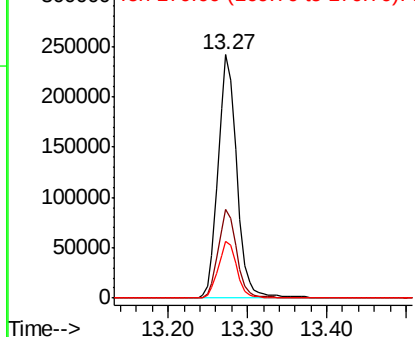


#45
 2-Fluorobiphenyl
 Concen: 64.576 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042695.D
 Acq: 3 Sep 2019 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	23.1	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

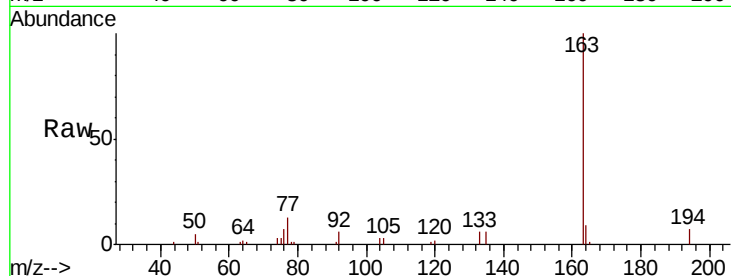




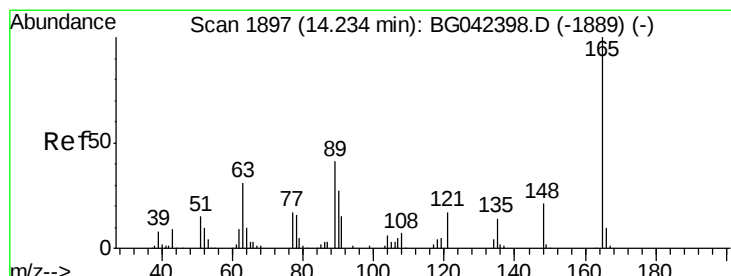
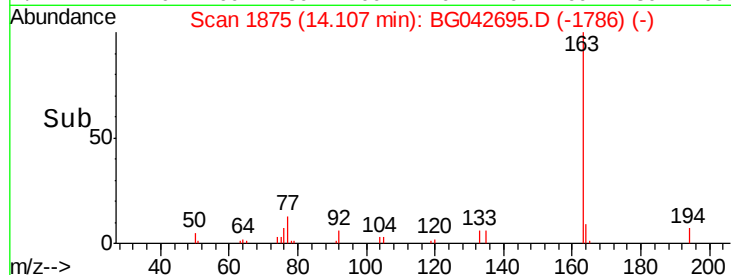
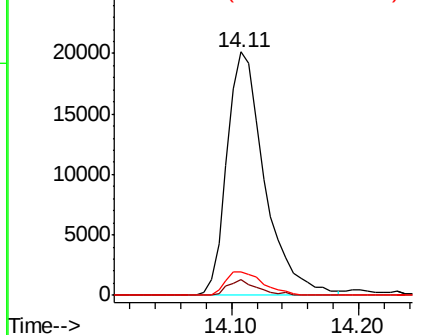
#50
Dimethylphthalate
Concen: 5.499 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 41452
Ion Ratio Lower Upper
163 100
194 6.5 4.2 6.2#
164 9.5 8.8 13.2

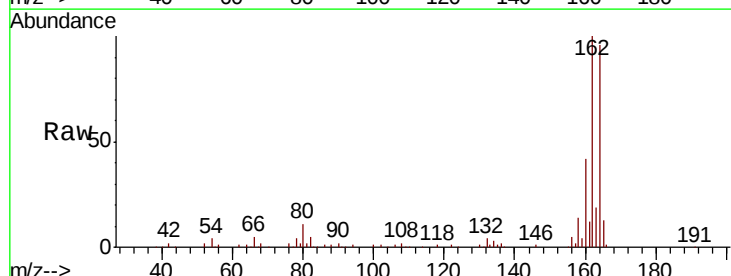


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

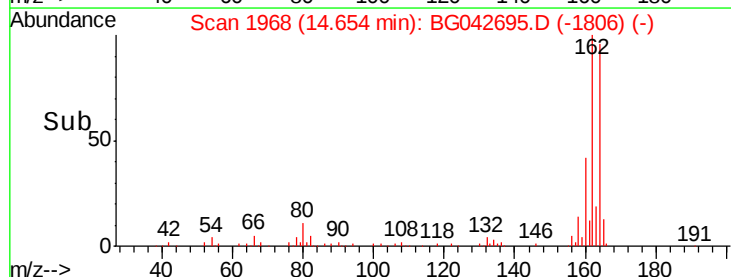
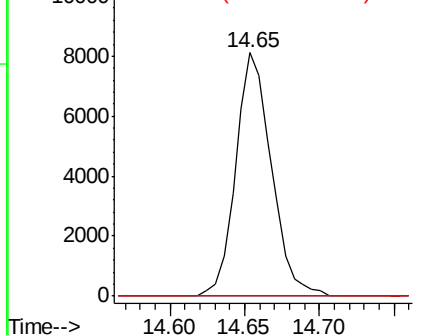


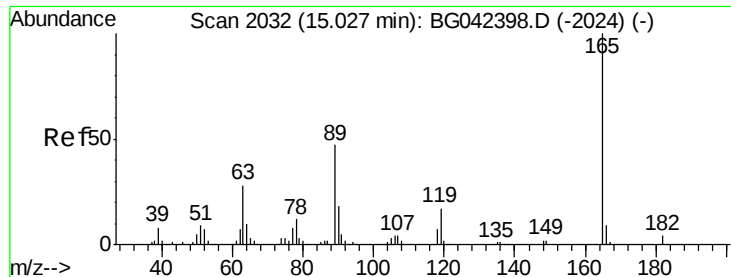
#51
2,6-Dinitrotoluene
Concen: 7.685 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.42 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion:165 Resp: 13428
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

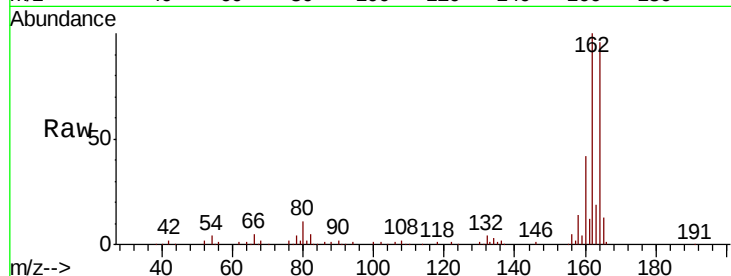




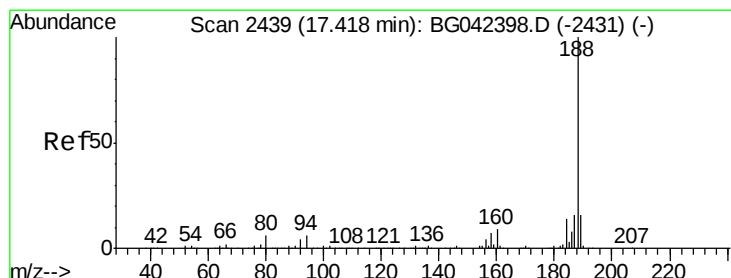
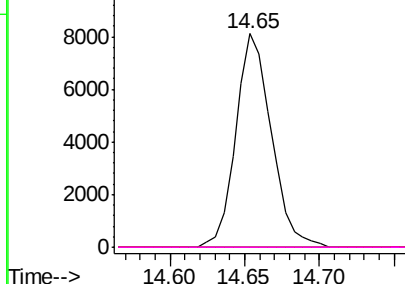
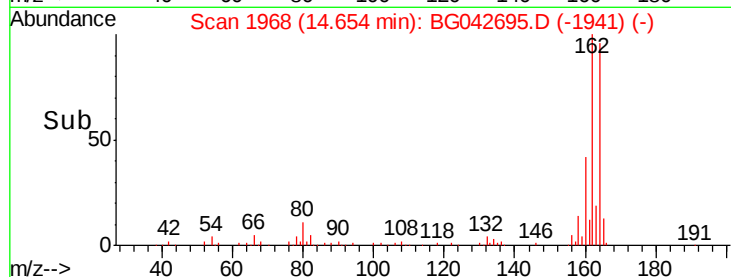
#57
2,4-Dinitrotoluene
Concen: 5.367 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.37 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 13428
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#

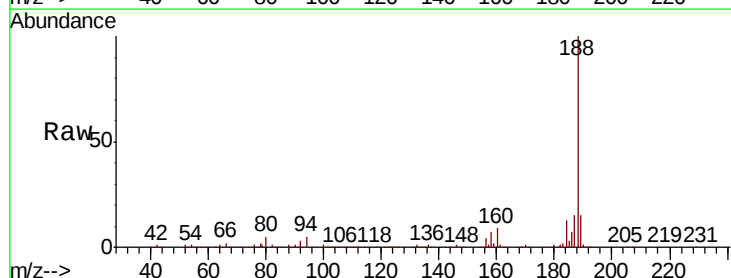


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

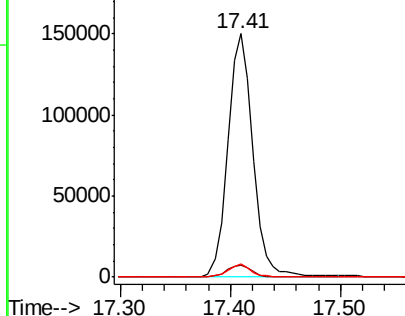
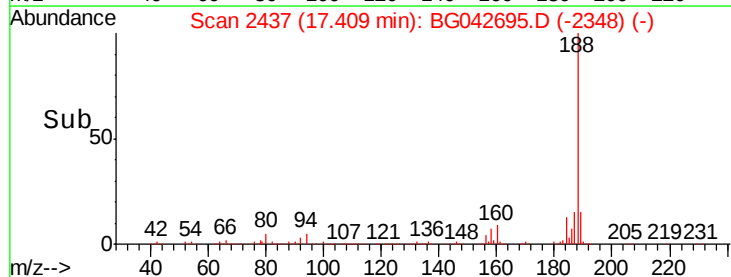


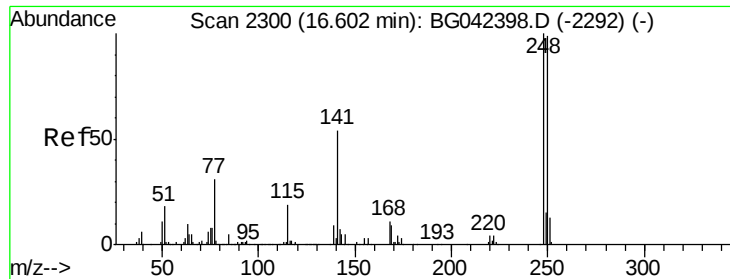
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042695.D
Acq: 3 Sep 2019 19:07

Tgt Ion:188 Resp: 239610
Ion Ratio Lower Upper
188 100
94 4.7 4.5 6.7
80 5.3 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

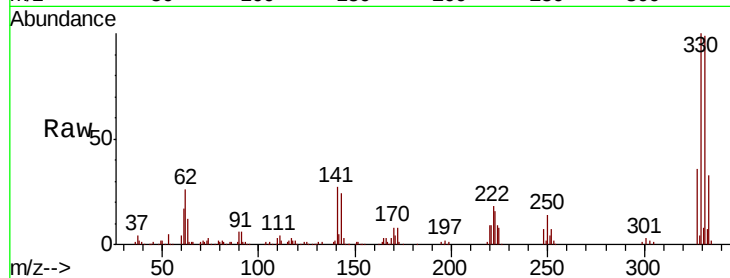




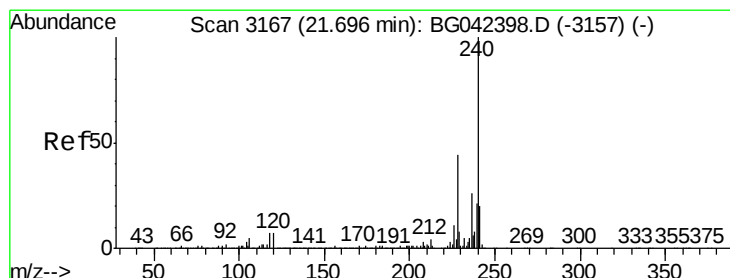
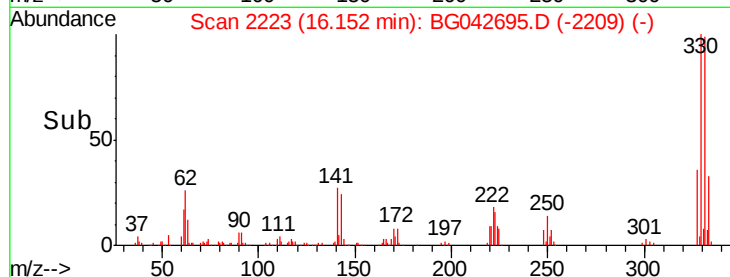
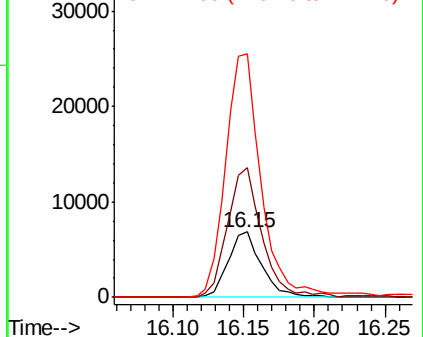
#67
 4-Bromophenyl-phenylether
 Concen: 3.722 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042695.D
 Acq: 3 Sep 2019 19:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 11313
 Ion Ratio Lower Upper
 248 100
 250 198.3 78.9 118.3#
 141 372.3 43.3 64.9#

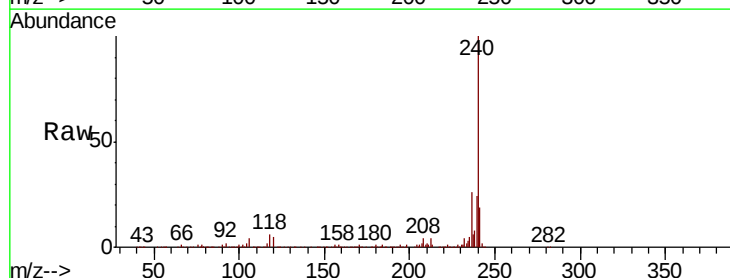


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

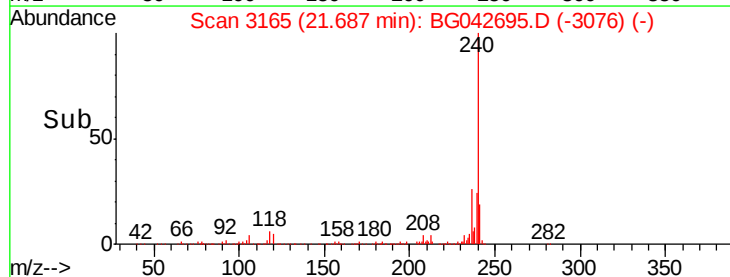
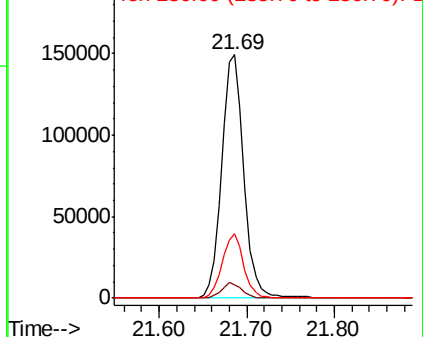


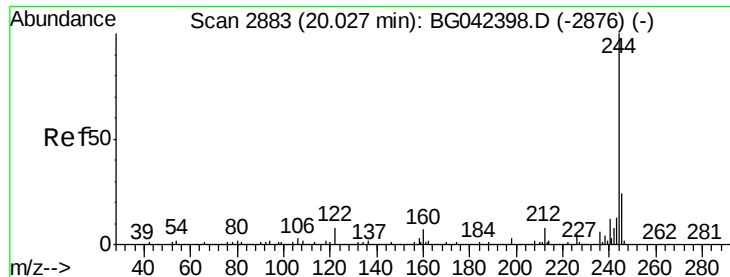
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042695.D
 Acq: 3 Sep 2019 19:07

Tgt Ion:240 Resp: 260397
 Ion Ratio Lower Upper
 240 100
 120 5.5 5.7 8.5#
 236 26.2 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





#79

Terphenyl-d14

Concen: 61.690 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

Instrument :

BNA_G

ClientSampleId :

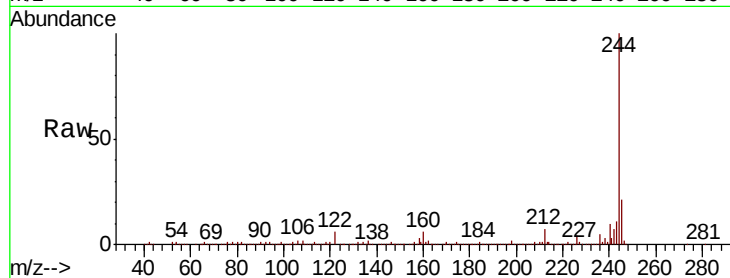
Tot Ion:244 Resp: 743042

Ion Ratio Lower Upper

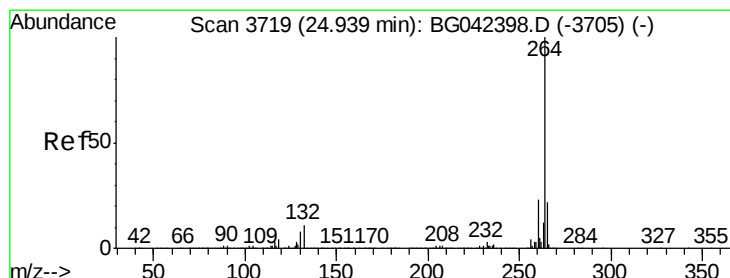
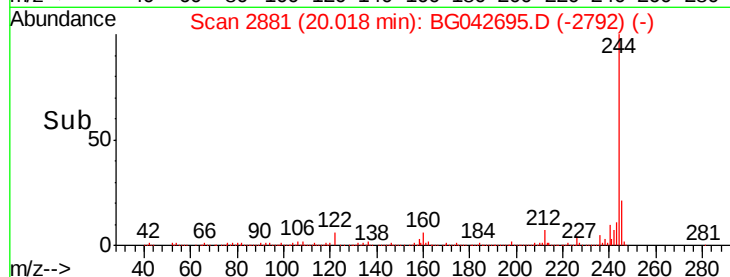
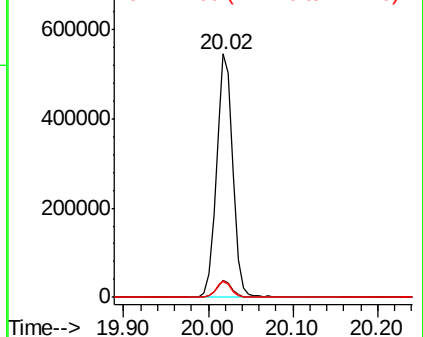
244 100

212 6.9 6.0 9.0

122 6.4 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042695.D

Acq: 3 Sep 2019 19:07

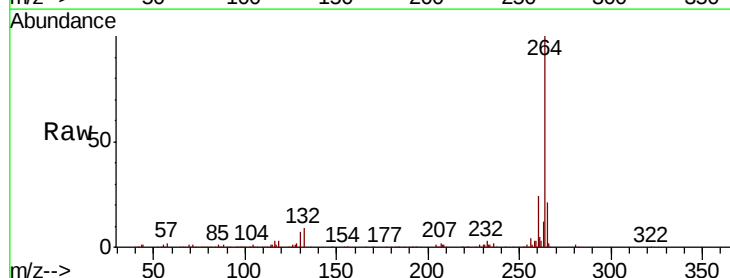
Tgt Ion:264 Resp: 307665

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 21.1 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

