

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042733.D
 Acq On : 5 Sep 2019 23:13
 Operator : HP/JU
 Sample : K4683-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 06:47:35 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

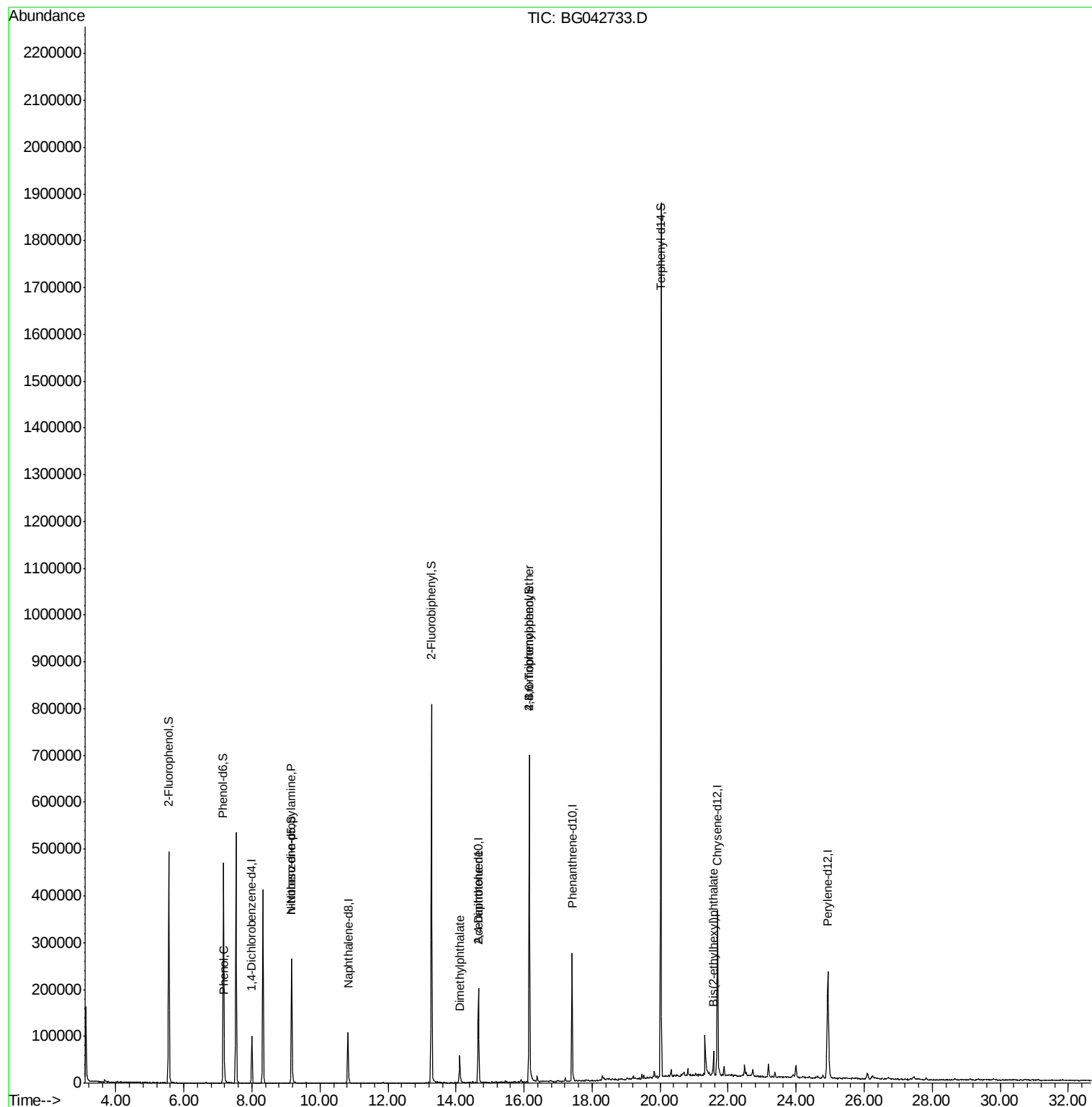
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33721	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	121816	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	86063	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	201297	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	238734	20.00	ng	-0.01
87) Perylene-d12	24.93	264	281670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	244285	146.72	ng	0.00
7) Phenol-d6	7.16	99	316248	140.62	ng	-0.01
23) Nitrobenzene-d5	9.16	82	173288	98.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	196998	161.05	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	525978	103.36	ng	0.00
79) Terphenyl-d14	20.02	244	1000543	90.61	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7192	3.145	ng	# 71
19) n-Nitroso-di-n-propylamine	9.16	70	22839	15.675	ng	# 72
50) Dimethylphthalate	14.11	163	53657	8.641	ng	99
57) 2,4-Dinitrotoluene	14.66	165	11346	5.505	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	12782	5.006	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.57	149	26560	3.323	ng	96

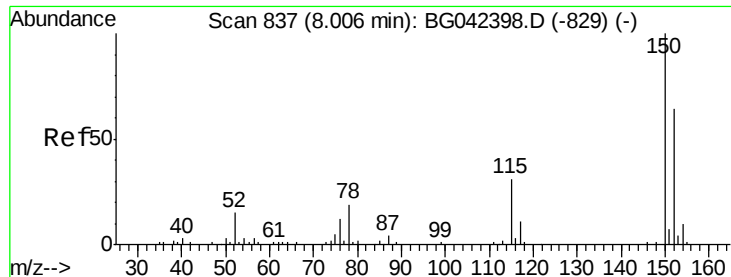
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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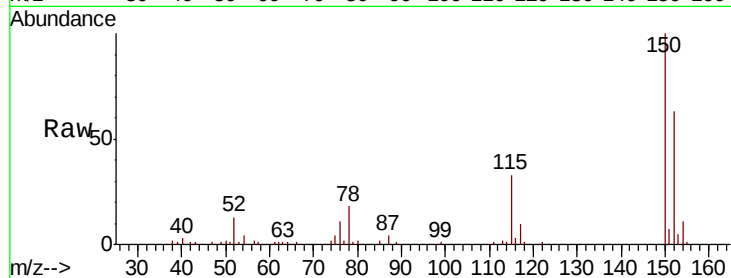


#1

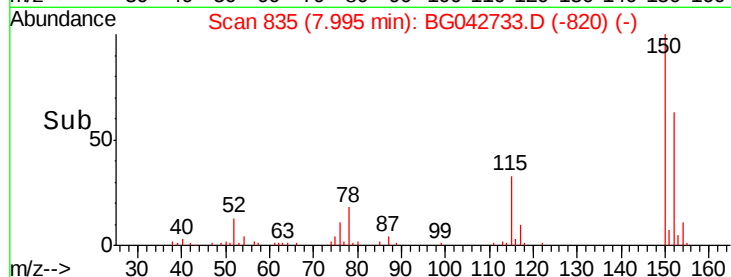
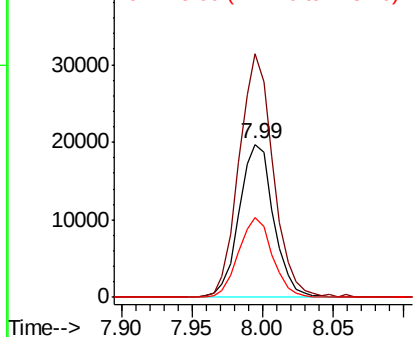
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042733.D
Acq: 5 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33721
Ion Ratio Lower Upper
152 100
150 158.8 125.4 188.0
115 51.7 38.5 57.7



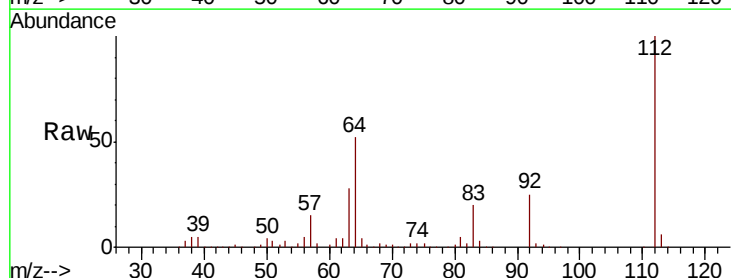
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



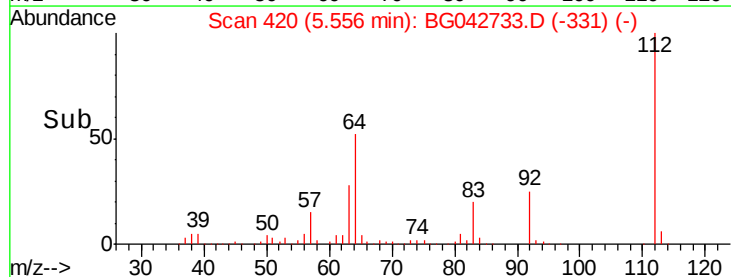
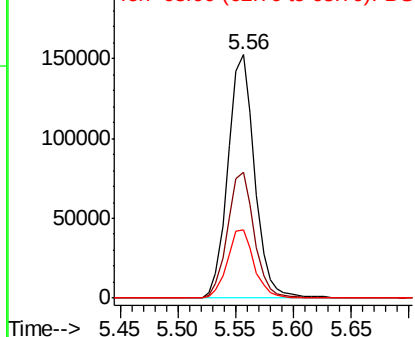
#5

2-Fluorophenol
Concen: 146.718 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042733.D
Acq: 5 Sep 2019 23:13

Tgt Ion:112 Resp: 244285
Ion Ratio Lower Upper
112 100
64 51.7 42.8 64.2
63 28.1 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: 140.615 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042733.D

Acq: 5 Sep 2019 23:13

Instrument :

BNA_G

ClientSampleId :

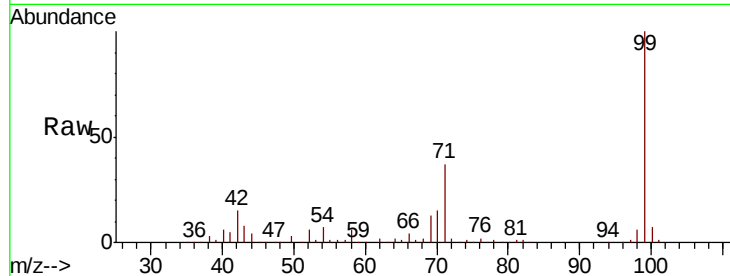
Tot Ion: 99 Resp: 316248

Ion Ratio Lower Upper

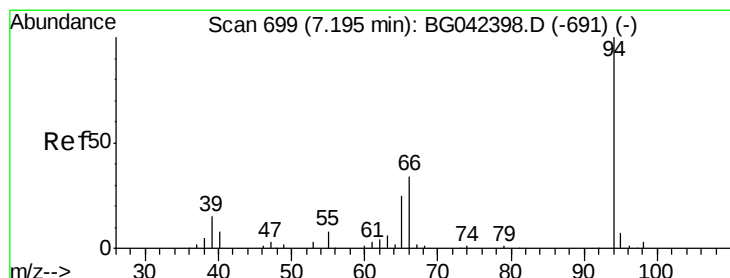
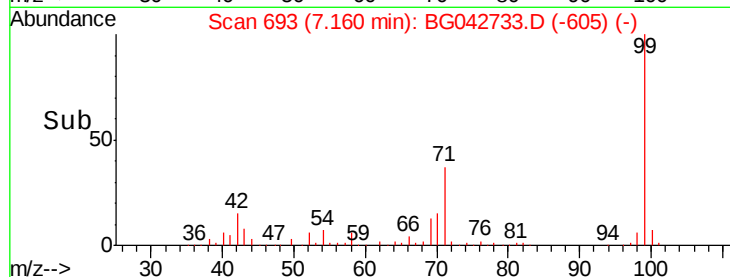
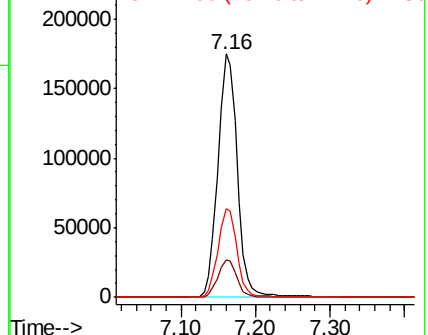
99 100

42 15.5 12.0 18.0

71 36.5 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: 3.145 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042733.D

Acq: 5 Sep 2019 23:13

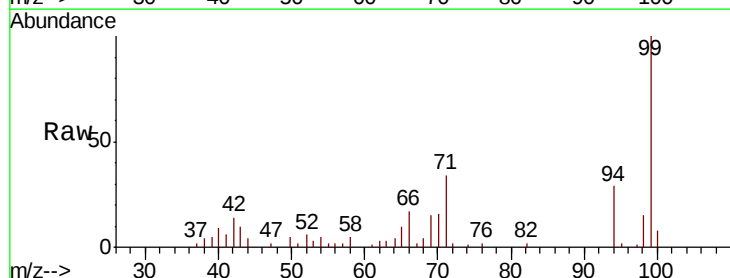
Tgt Ion: 94 Resp: 7192

Ion Ratio Lower Upper

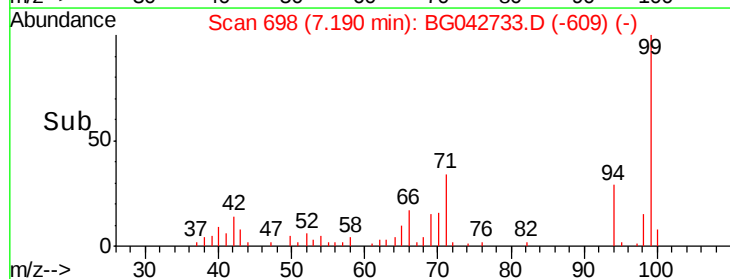
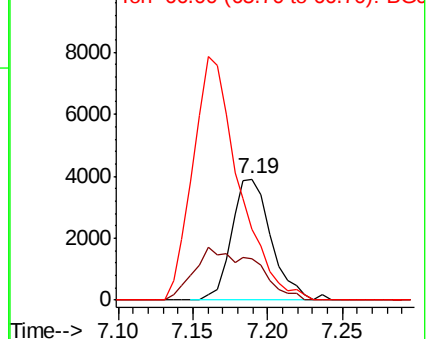
94 100

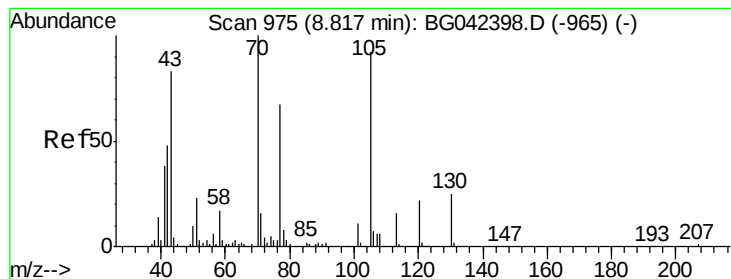
65 34.3 5.6 45.6

66 58.0 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: 15.675 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042733.D

Acq: 5 Sep 2019 23:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 22839

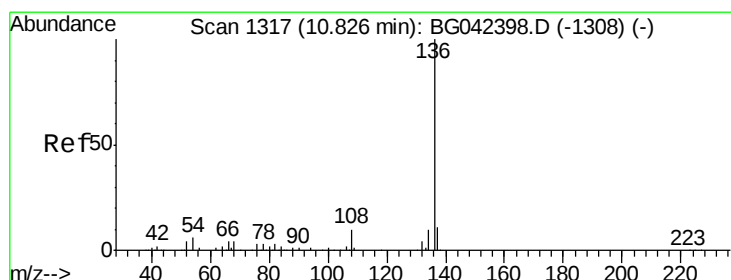
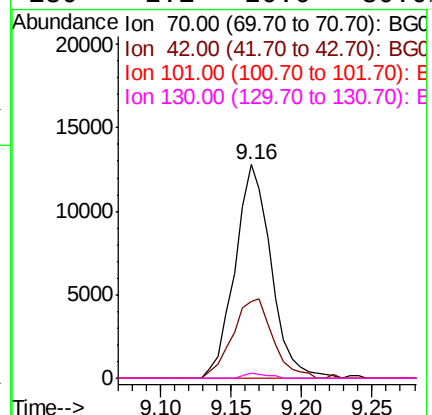
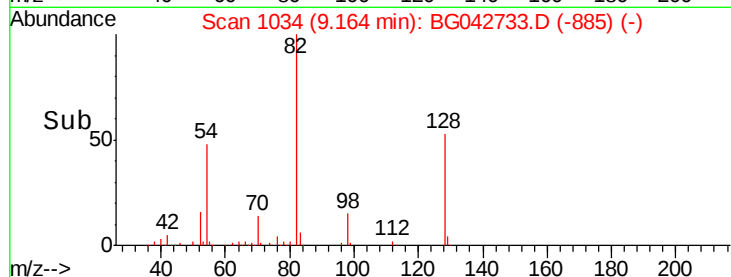
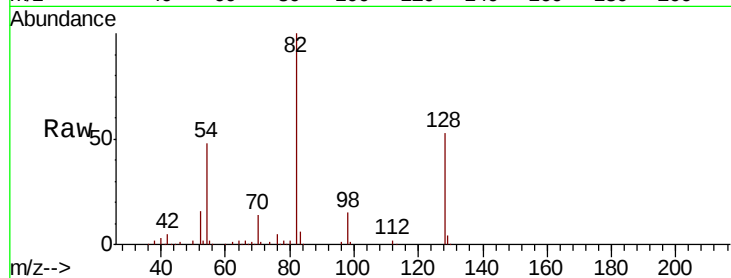
Ion Ratio Lower Upper

70 100

42 36.2 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# 1316

Delta R.T. -0.01 min

Lab File: BG042733.D

Acq: 5 Sep 2019 23:13

Tgt Ion: 136 Resp: 121816

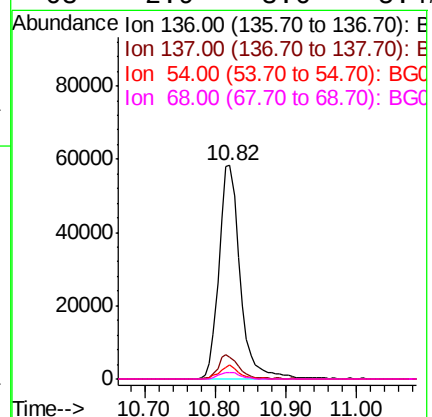
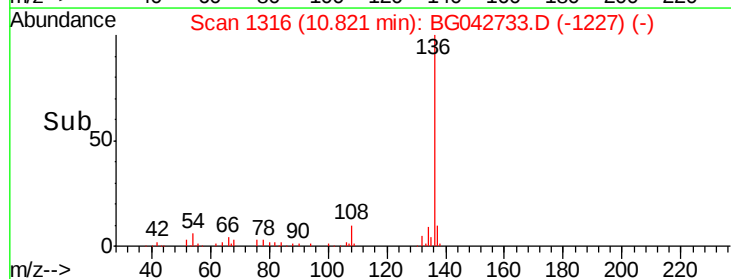
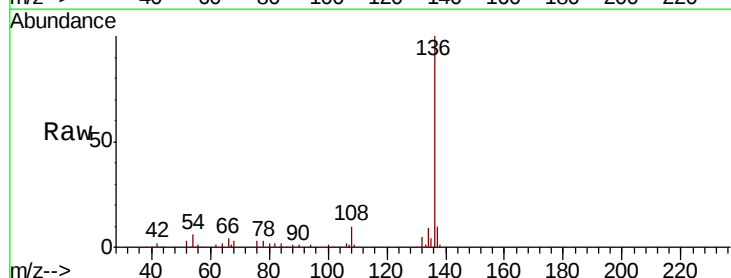
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.3 4.9 7.3

68 2.9 3.6 5.4#

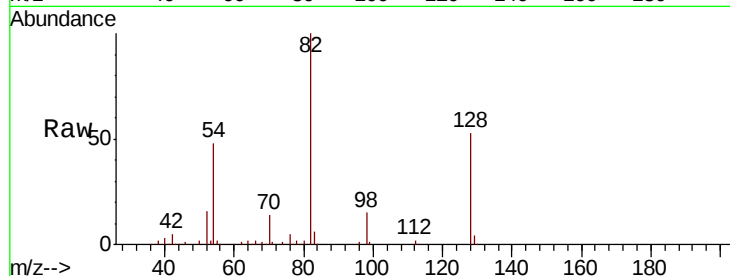




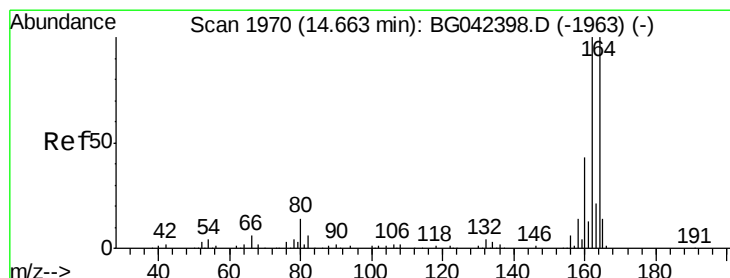
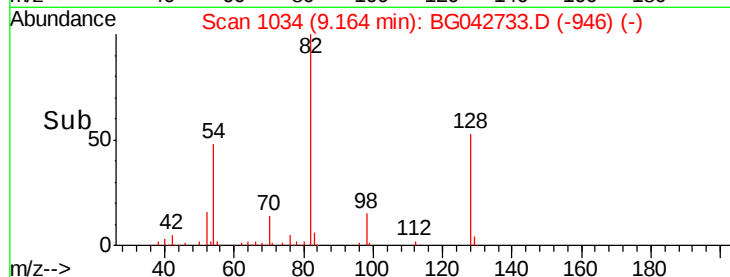
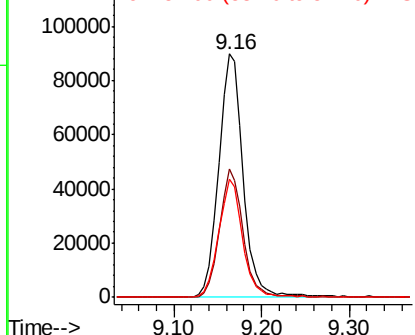
#23
 Nitrobenzene-d5
 Concen: 98.303 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 173288
 Ion Ratio Lower Upper
 82 100
 128 52.7 40.7 61.1
 54 48.4 36.3 54.5

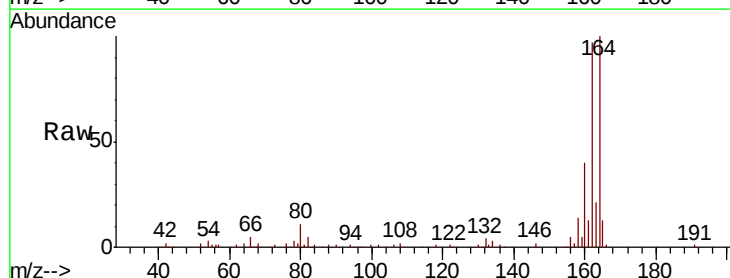


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

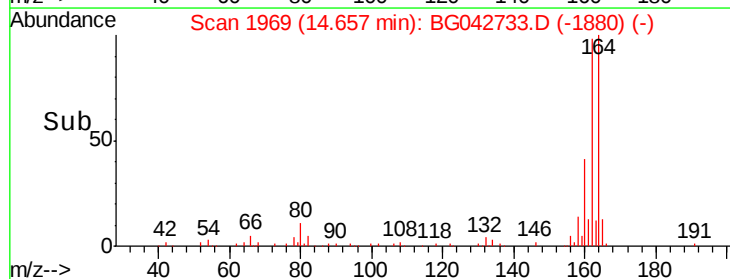
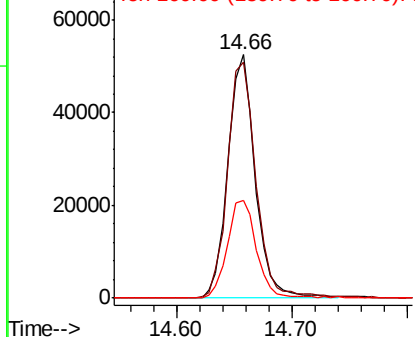


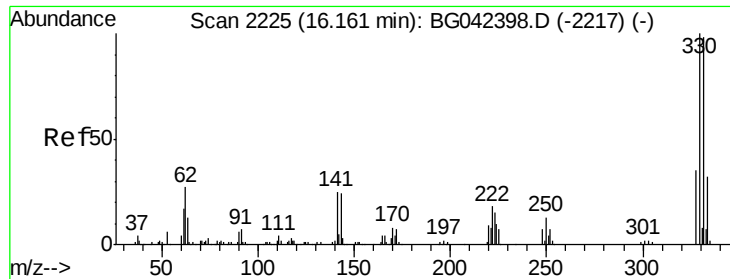
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

Tgt Ion:164 Resp: 86063
 Ion Ratio Lower Upper
 164 100
 162 97.0 79.9 119.9
 160 40.3 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

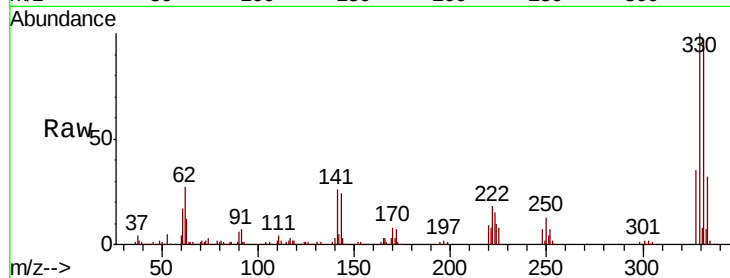




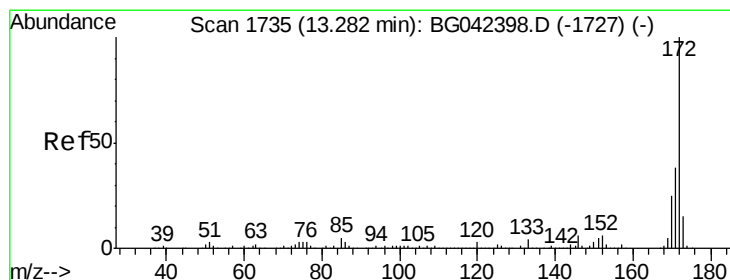
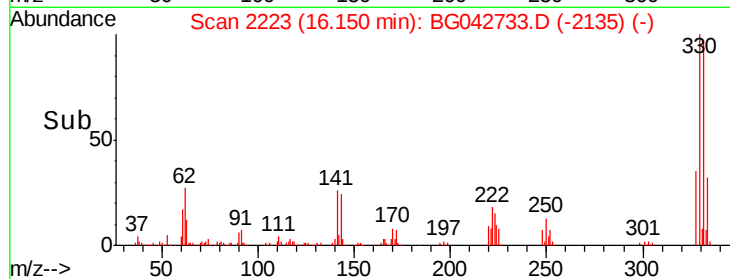
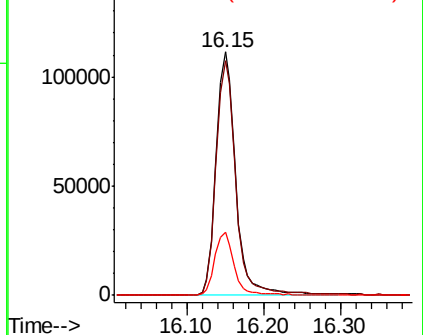
#42
 2,4,6-Tribromophenol
 Concen: 161.045 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	25.4	21.4	32.0

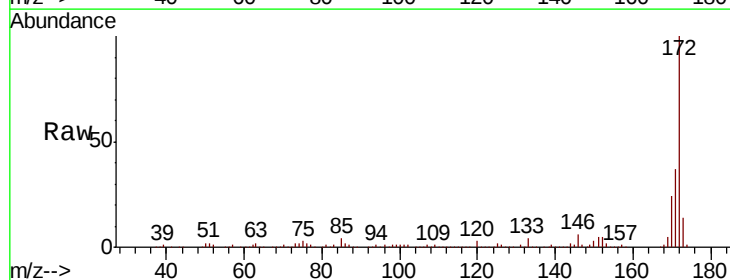


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

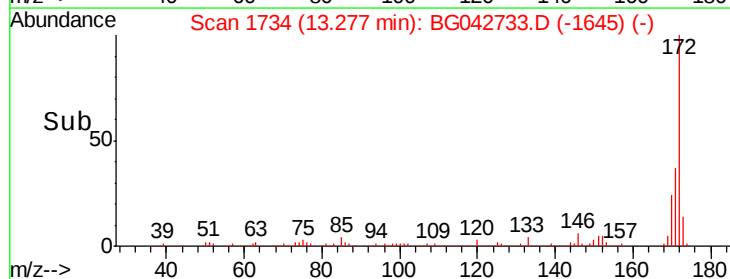
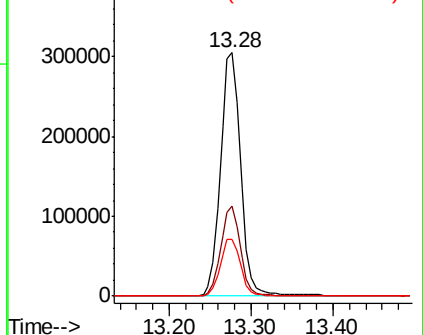


#45
 2-Fluorobiphenyl
 Concen: 103.364 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	23.5	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

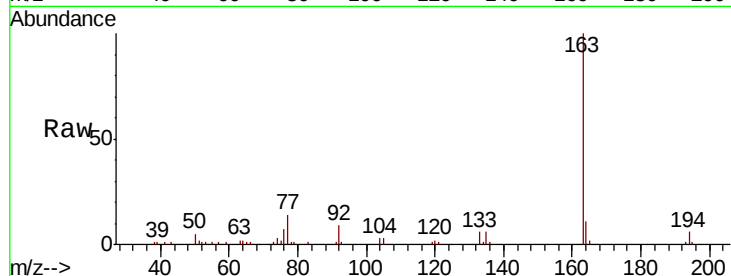




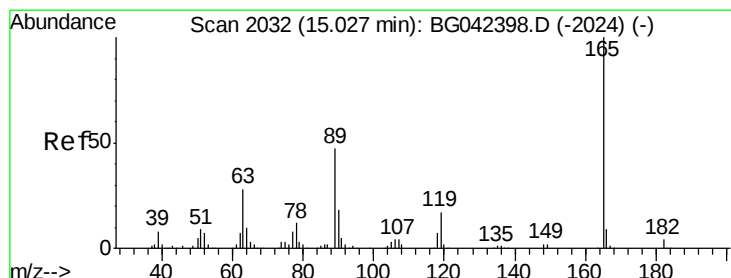
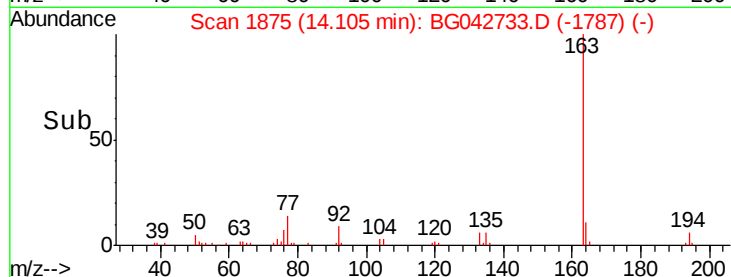
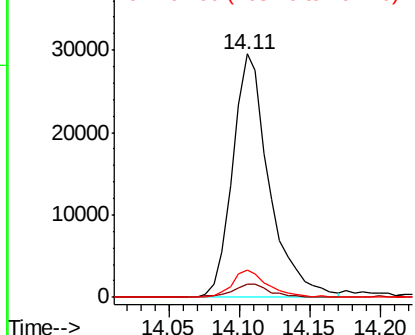
#50
Dimethylphthalate
Concen: 8.641 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042733.D
Acq: 5 Sep 2019 23:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 53657
Ion Ratio Lower Upper
163 100
194 5.7 4.2 6.2
164 11.1 8.8 13.2

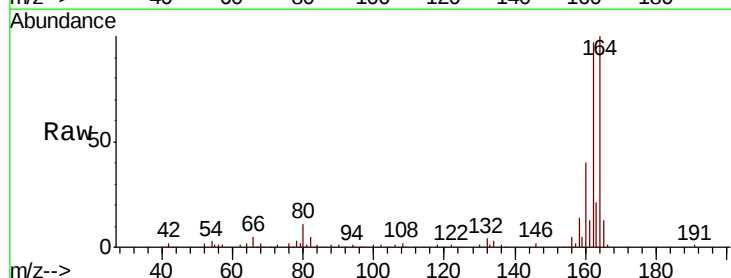


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

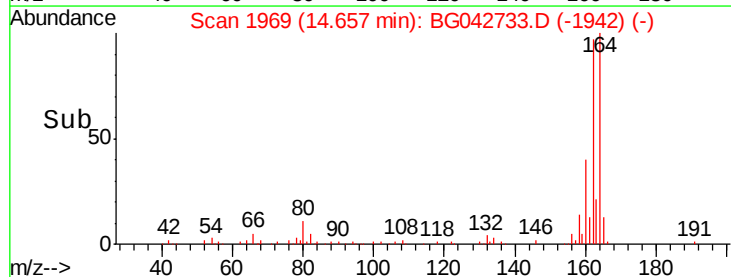
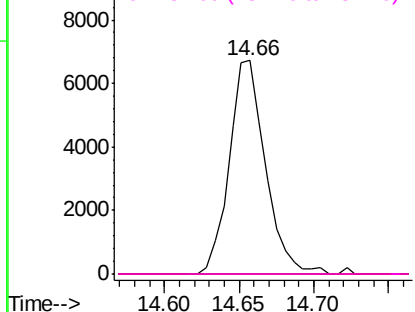


#57
2,4-Dinitrotoluene
Concen: 5.505 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042733.D
Acq: 5 Sep 2019 23:13

Tgt Ion:165 Resp: 11346
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: BG042733.D

Acq: 5 Sep 2019 23:13

Instrument :

BNA_G

ClientSampleId :

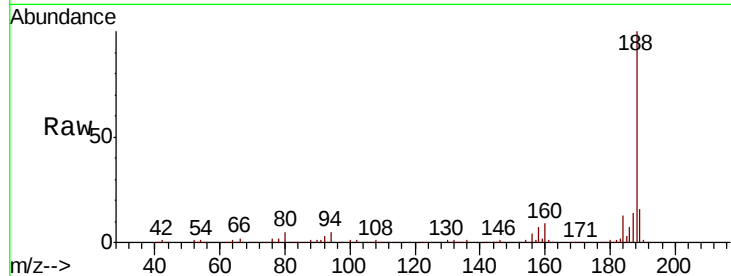
Tot Ion:188 Resp: 201297

Ion Ratio Lower Upper

188 100

94 4.7 4.5 6.7

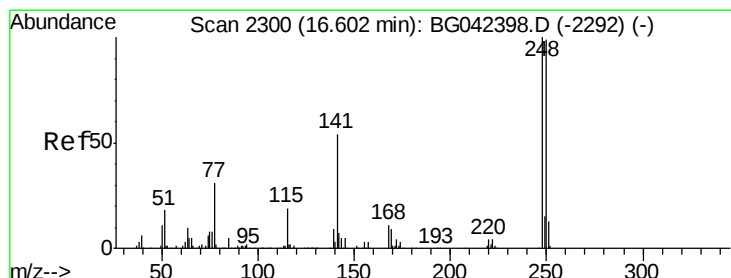
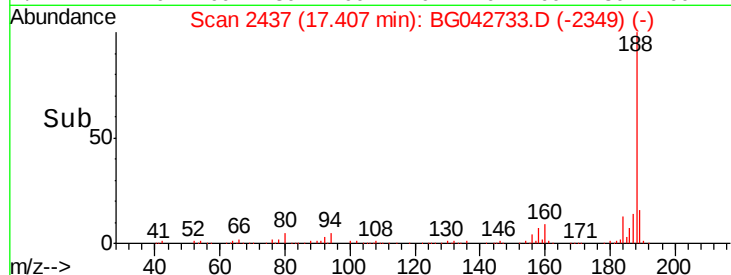
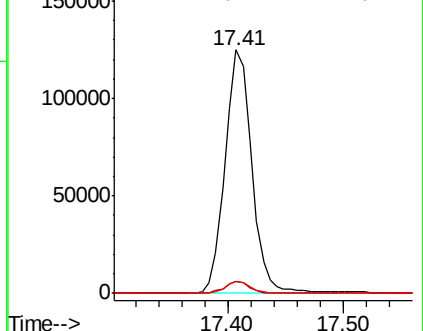
80 4.7 4.9 7.3#



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: 5.006 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042733.D

Acq: 5 Sep 2019 23:13

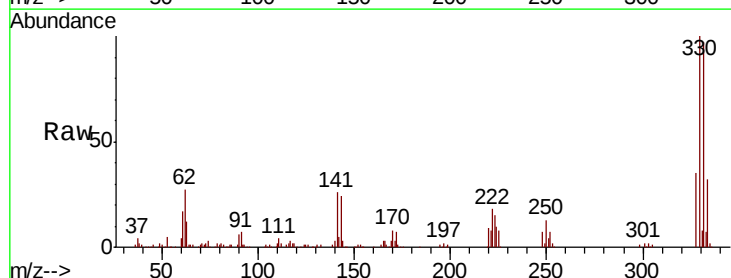
Tgt Ion:248 Resp: 12782

Ion Ratio Lower Upper

248 100

250 180.5 78.9 118.3#

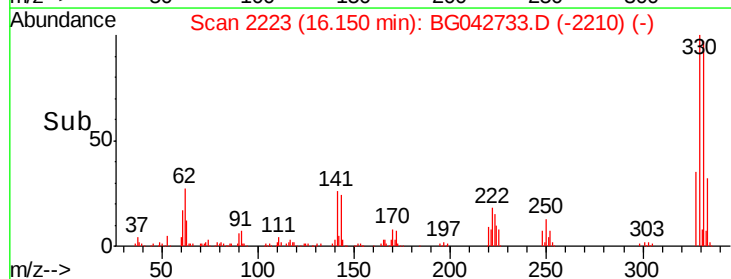
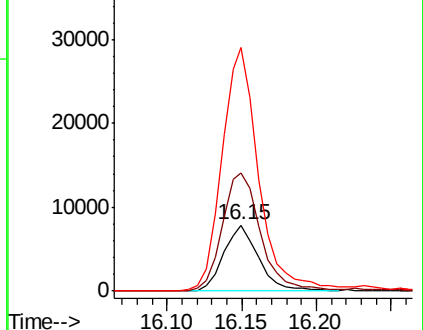
141 370.3 43.3 64.9#



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

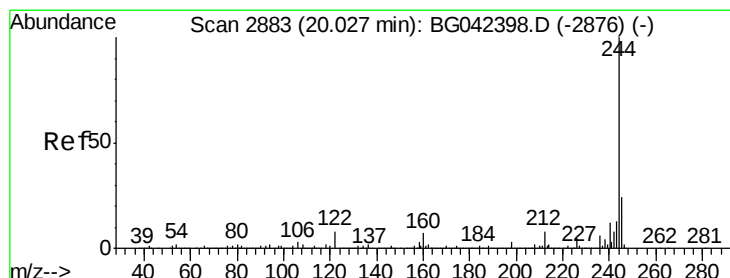
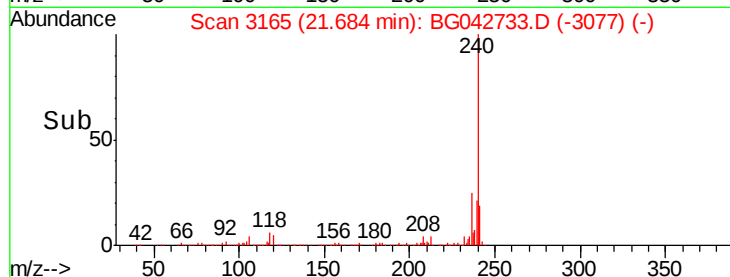
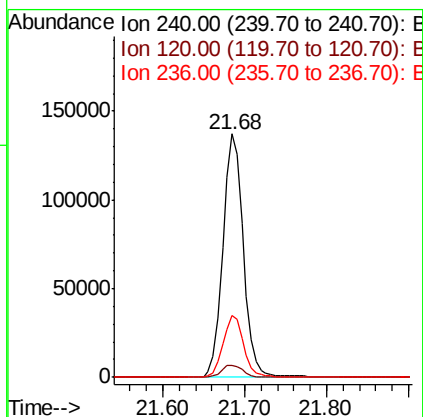
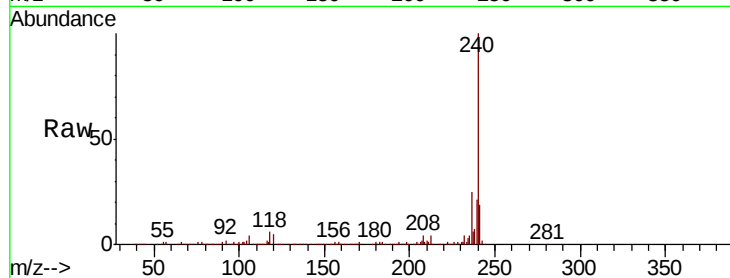




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

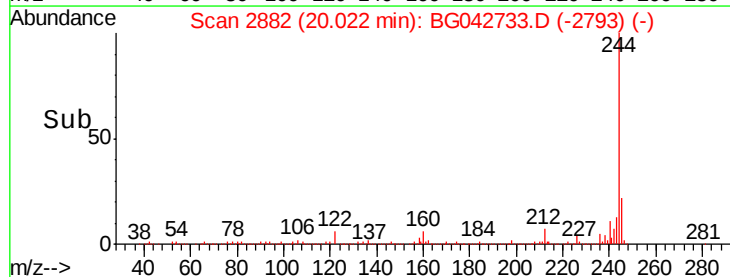
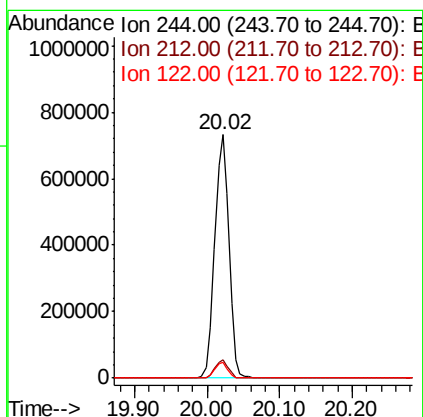
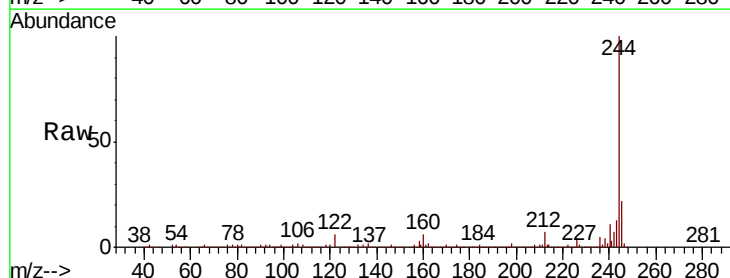
Instrument :
 BNA_G
 ClientSampleId :

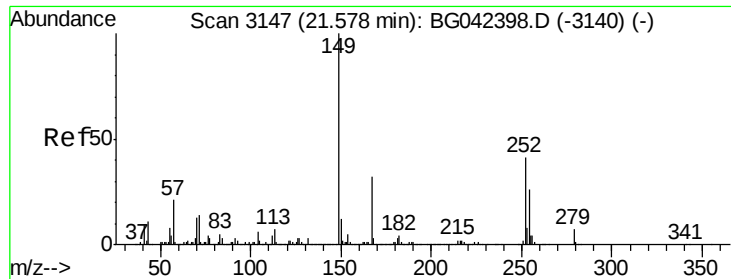
Tot Ion:240 Resp: 238734
 Ion Ratio Lower Upper
 240 100
 120 5.1 5.7 8.5#
 236 25.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 90.607 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

Tgt Ion:244 Resp: 1000543
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 6.4 6.7 10.1#

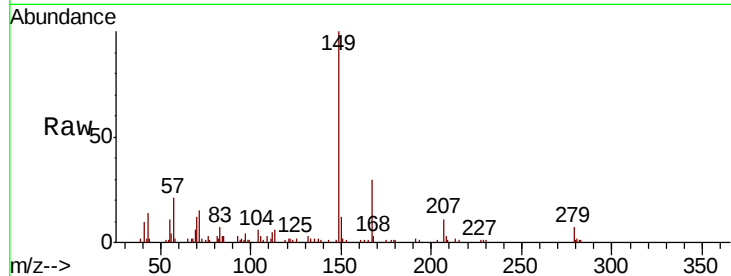




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.323 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.1	26.0	39.0
279	7.0	5.4	8.0

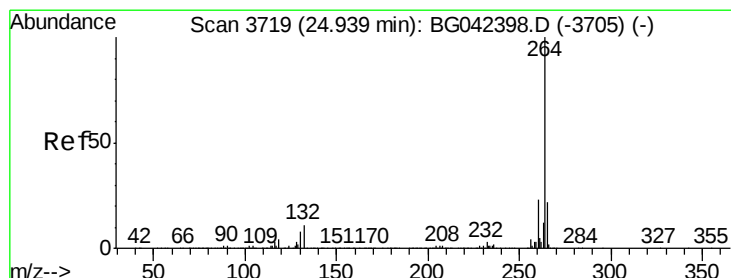
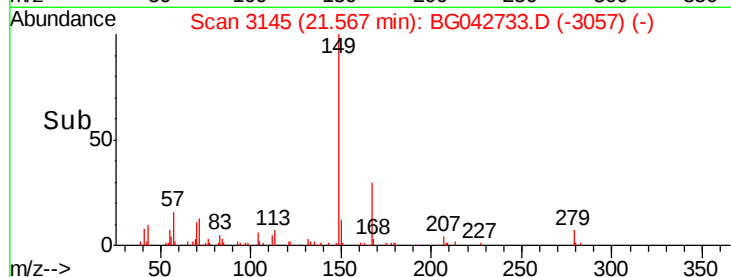
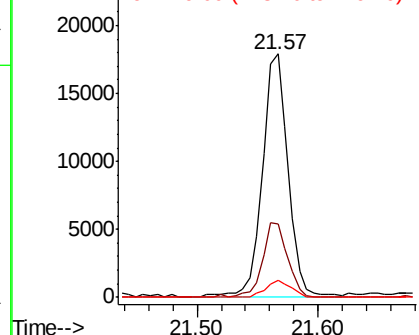


Abundance

Ion 149.00 (148.70 to 149.70): E

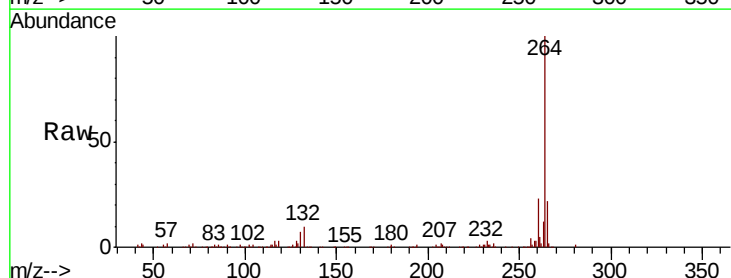
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042733.D
 Acq: 5 Sep 2019 23:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.9	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

