

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082319\
 Data File : BG042440.D
 Acq On : 23 Aug 2019 19:26
 Operator : HP/JU
 Sample : K4087-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-082119

Quant Time: Aug 24 02:10:34 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

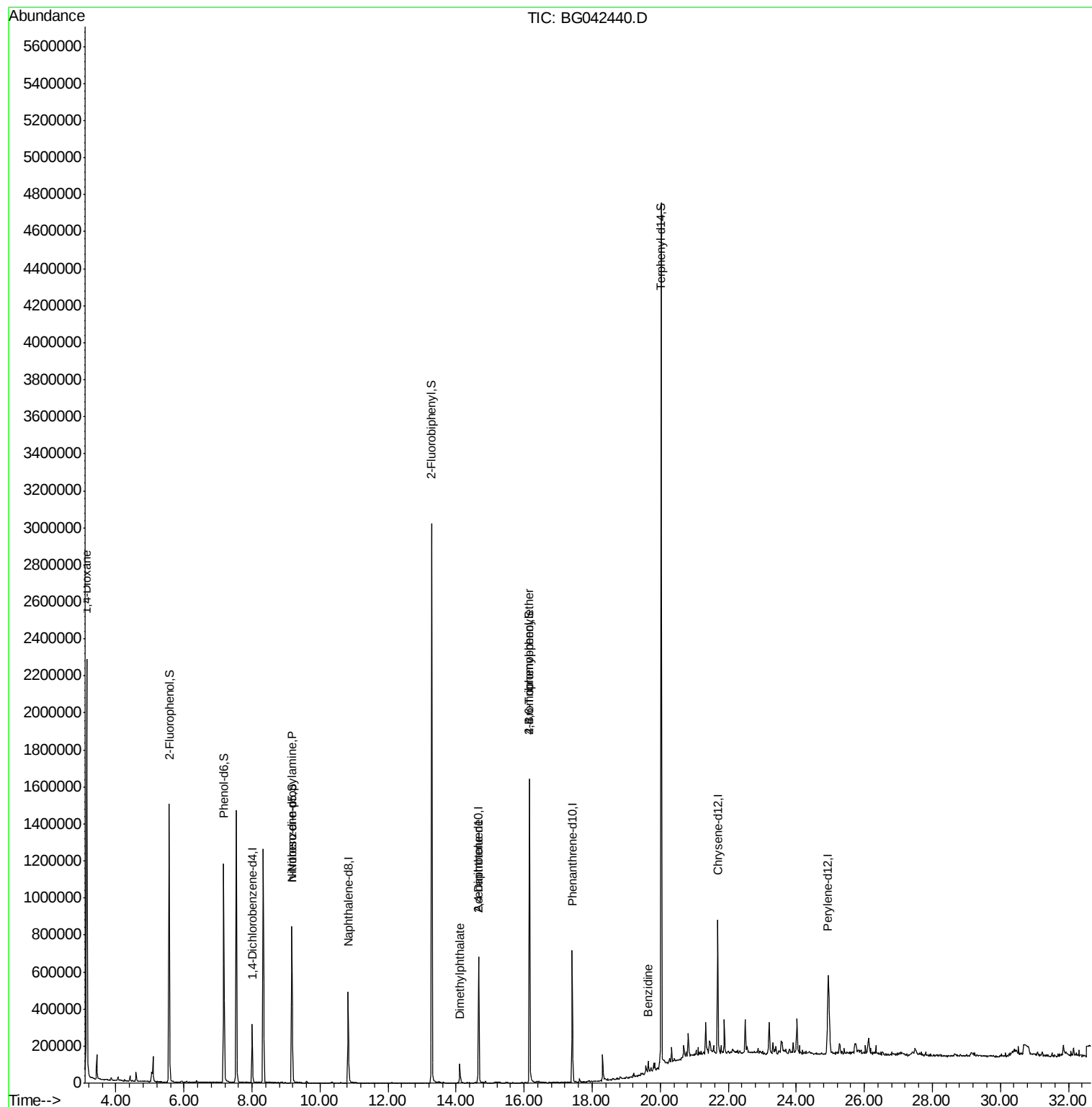
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	102732	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	479419	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	260346	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	483936	20.00	ng	0.00
76) Chrysene-d12	21.70	240	451411	20.00	ng	0.00
87) Perylene-d12	24.94	264	523735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	778836	153.54	ng	0.00
7) Phenol-d6	7.17	99	852440	124.41	ng	0.00
23) Nitrobenzene-d5	9.17	82	569324	82.06	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	397084	107.31	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1735396	112.74	ng	0.00
79) Terphenyl-d14	20.03	244	2117406	101.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.14	88	27649	13.061	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	70754	15.939	ng	# 73
50) Dimethylphthalate	14.11	163	96576	5.141	ng	100
57) 2,4-Dinitrotoluene	14.66	165	33258	5.334	ng	# 40
67) 4-Bromophenyl-phenylether	16.16	248	28662	4.669	ng	# 1
77) Benzidine	19.65	184	27912	2.157	ng	98

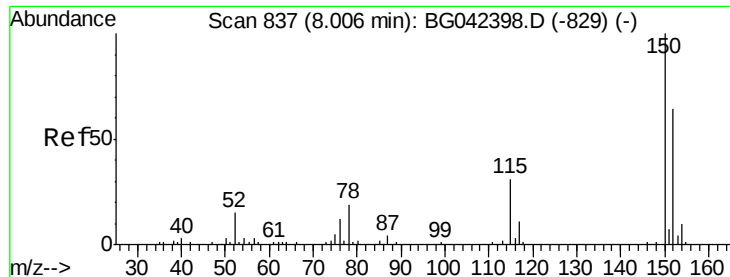
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Aug 24 02:10:34 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: 8.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

Instrument :

BNA_G

ClientSampleId :

HD-02-082119

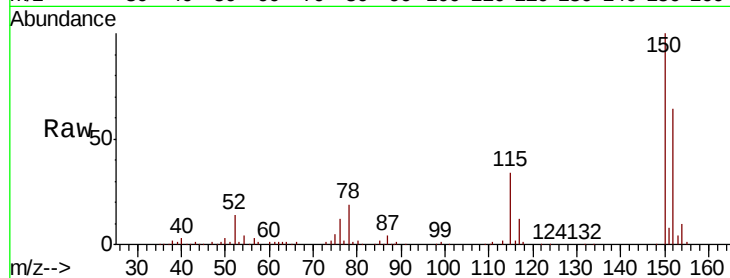
Tgt Ion:152 Resp: 102732

Ion Ratio Lower Upper

152 100

150 155.6 125.4 188.0

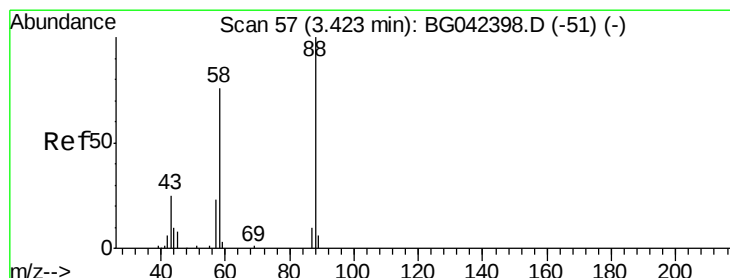
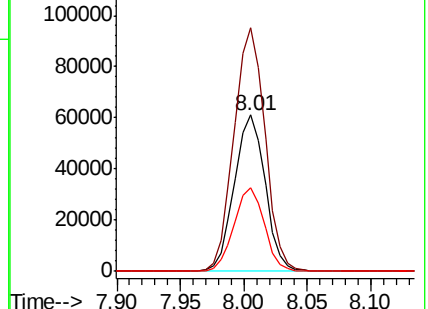
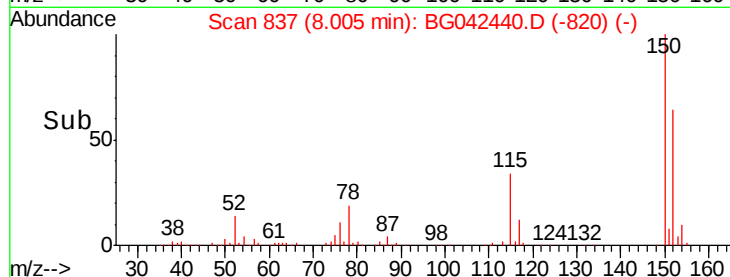
115 53.4 38.5 57.7



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



#2

1,4-Dioxane

Concen: 13.061 ng

RT: 3.14 min Scan# 9

Delta R.T. -0.28 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

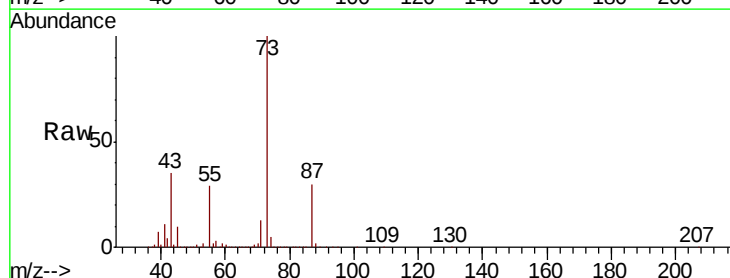
Tgt Ion: 88 Resp: 27649

Ion Ratio Lower Upper

88 100

58 24.4 58.3 87.5#

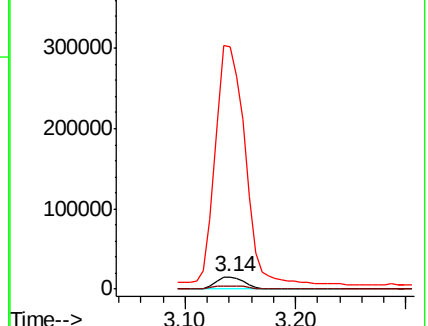
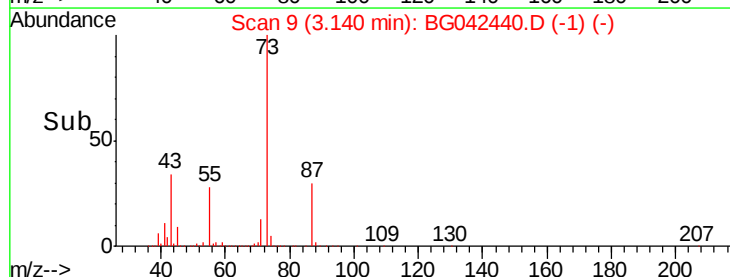
43 2014.3 20.2 30.2#

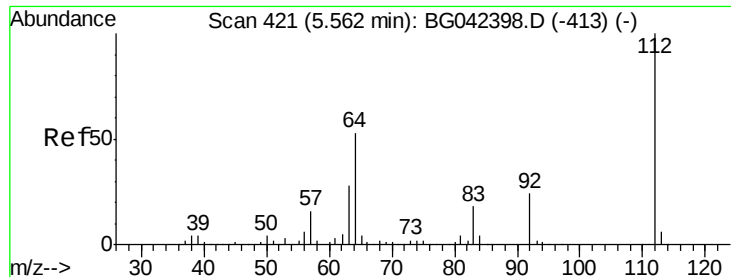


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 153.542 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

Instrument :

BNA_G

ClientSampleId :

HD-02-082119

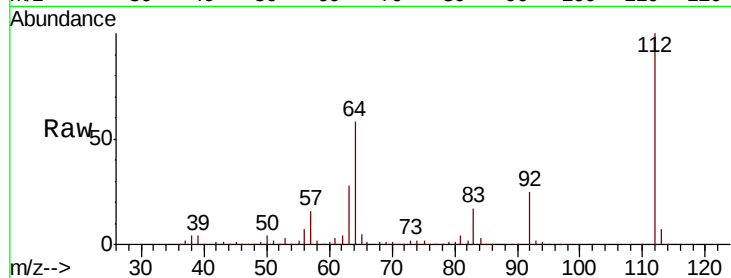
Tgt Ion: 112 Resp: 778836

Ion Ratio Lower Upper

112 100

64 58.2 42.8 64.2

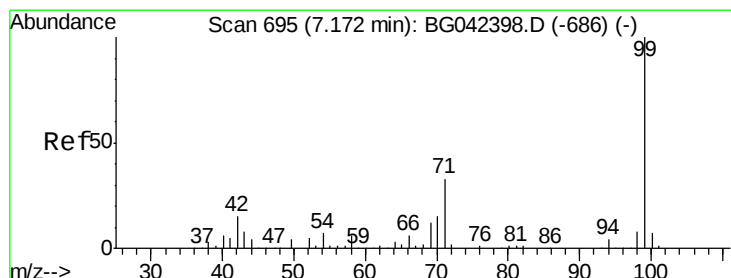
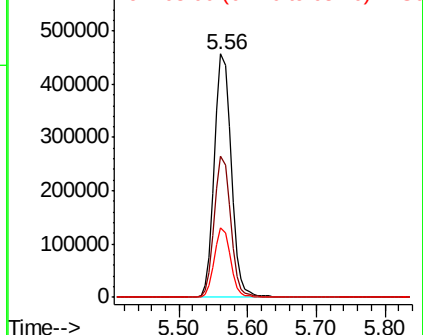
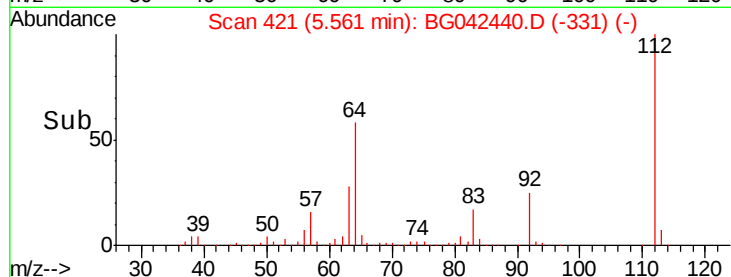
63 28.5 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 124.412 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

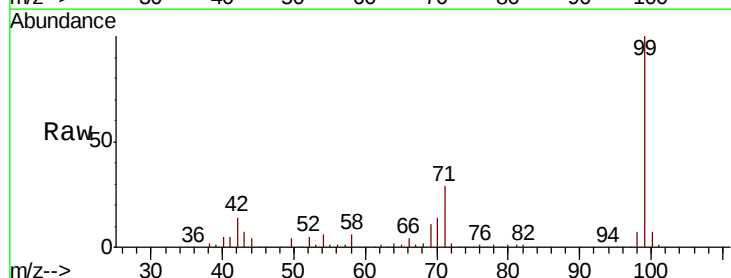
Tgt Ion: 99 Resp: 852440

Ion Ratio Lower Upper

99 100

42 13.6 12.0 18.0

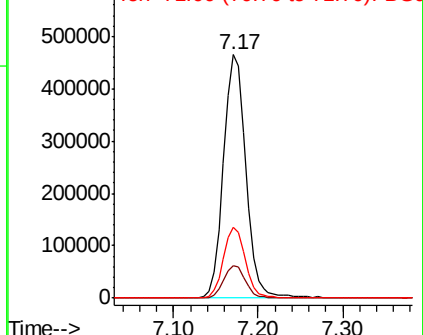
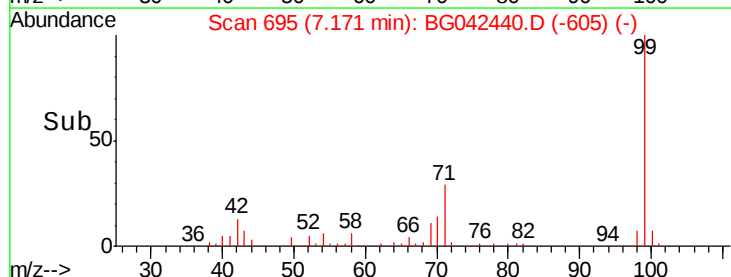
71 29.3 26.3 39.5

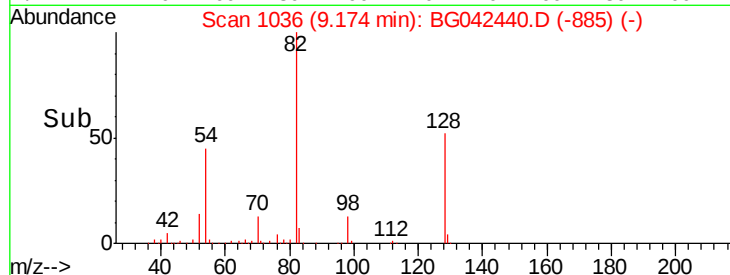
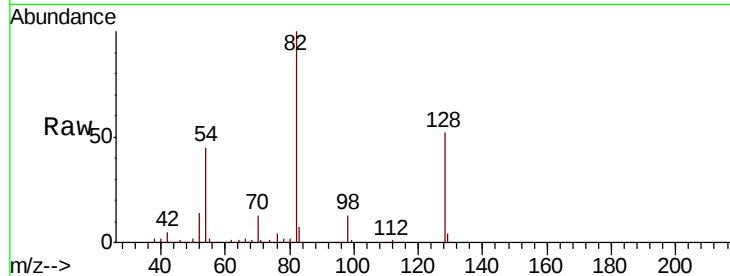
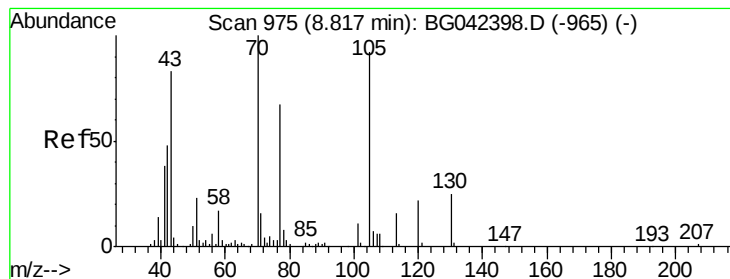


Abundance Ion 99.00 (98.70 to 99.70): BGC

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: 15.939 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

Instrument :

BNA_G

ClientSampleId :

HD-02-082119

Tgt Ion: 70 Resp: 70754

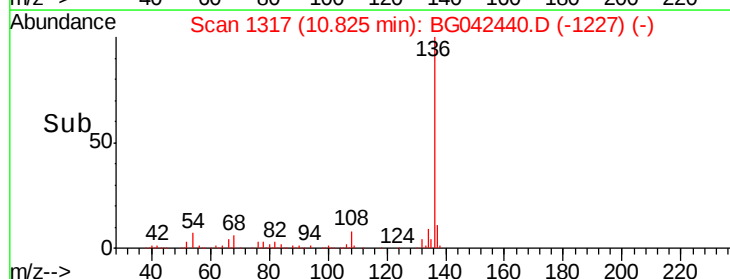
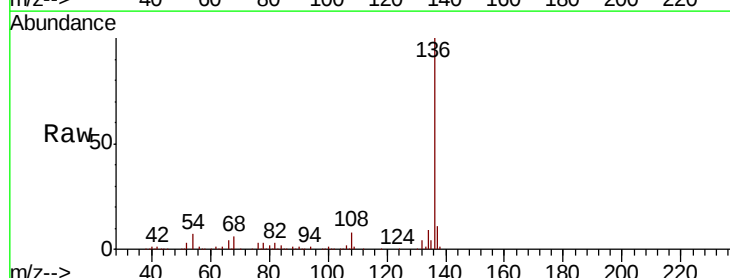
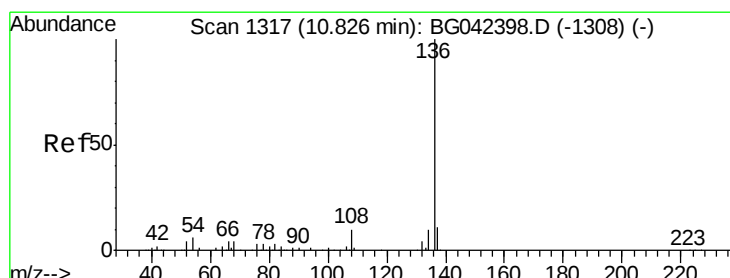
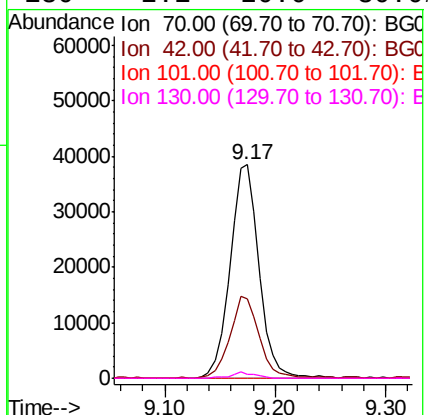
Ion Ratio Lower Upper

70 100

42 37.3 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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

Tgt Ion: 136 Resp: 479419

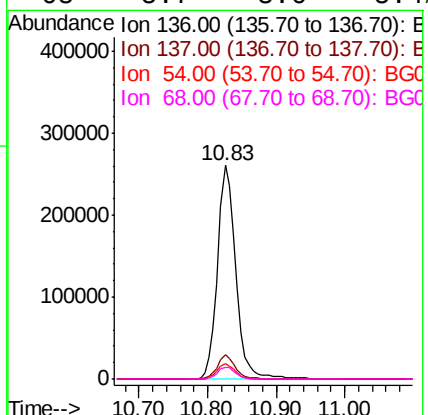
Ion Ratio Lower Upper

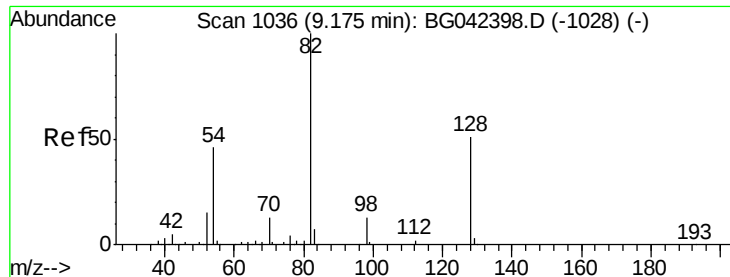
136 100

137 11.2 8.7 13.1

54 7.1 4.9 7.3

68 5.7 3.6 5.4#

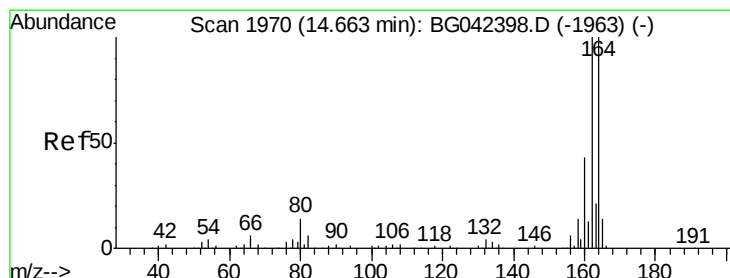
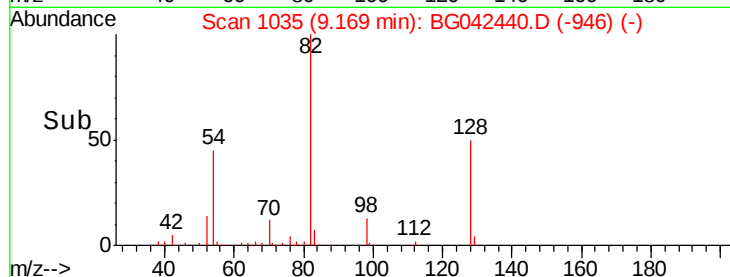
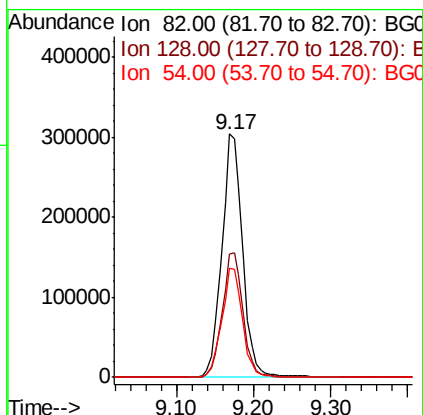
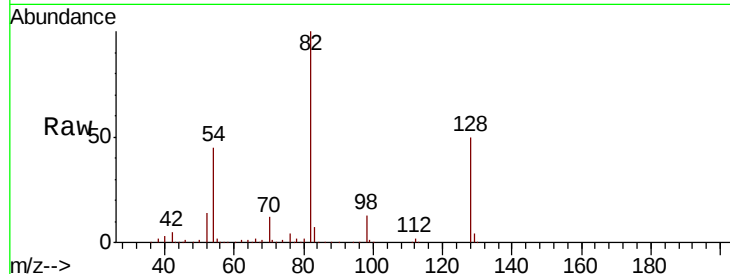




#23
Nitrobenzene-d5
Concen: 82.063 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

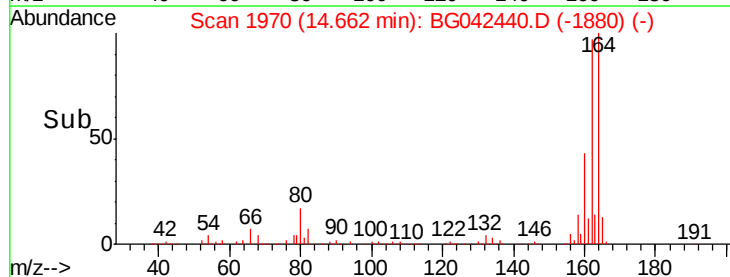
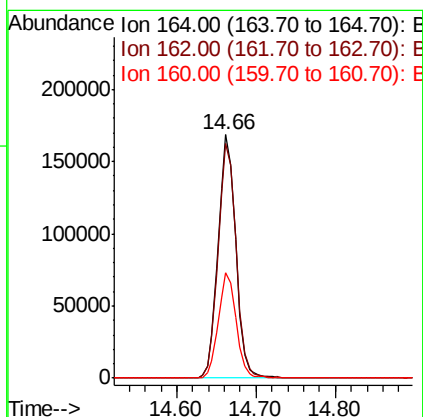
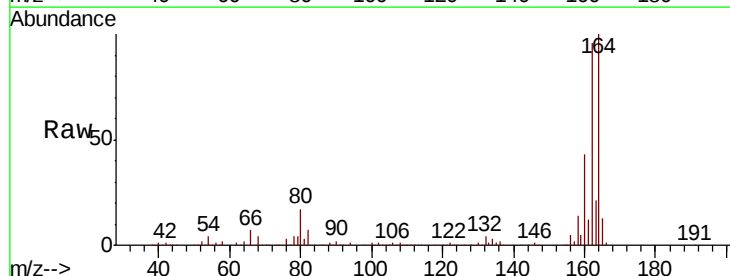
Instrument :
BNA_G
ClientSampleId :
HD-02-082119

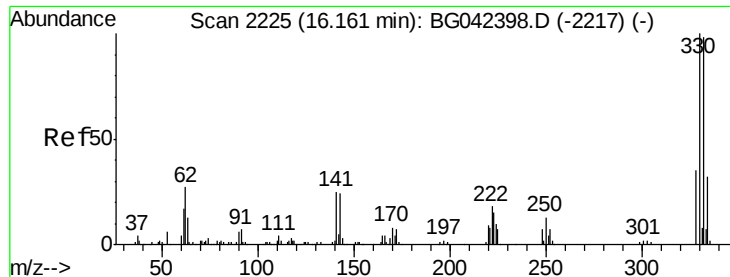
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.5	40.7	61.1
54	44.8	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	79.9	119.9
160	43.0	34.3	51.5

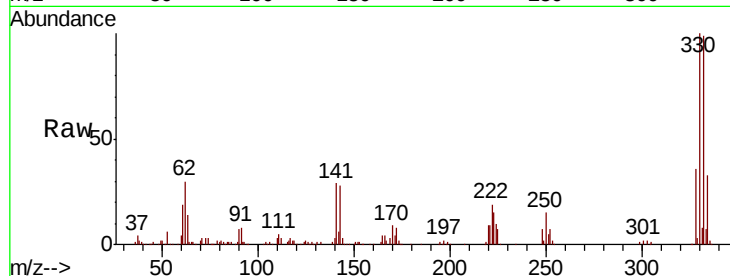




#42
 2,4,6-Tribromophenol
 Concen: 107.309 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG042440.D
 Acq: 23 Aug 2019 19:26

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-082119

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	30.1	21.4	32.0

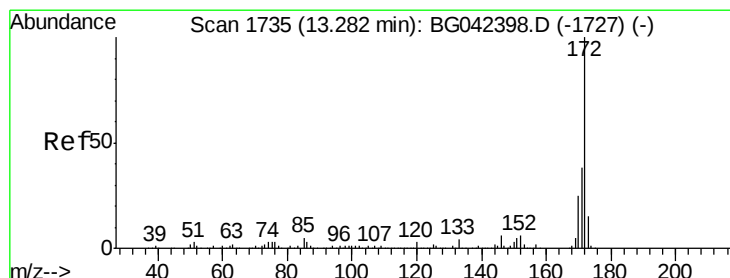
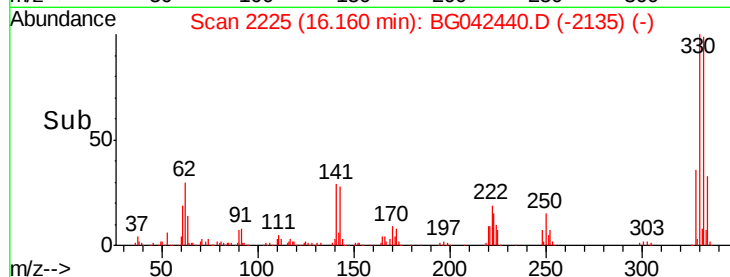
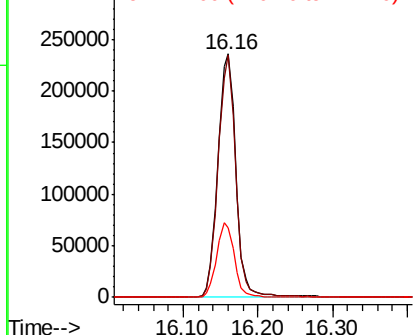


Abundance

Ion 329.80 (329.50 to 330.50): E

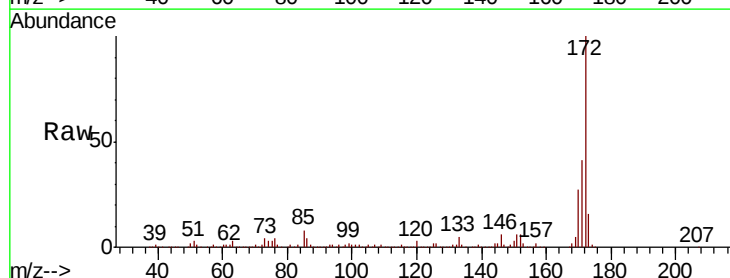
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 112.736 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042440.D
 Acq: 23 Aug 2019 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.4	30.5	45.7
170	27.1	20.2	30.2

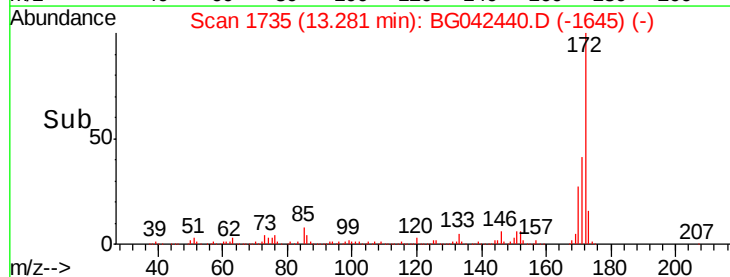
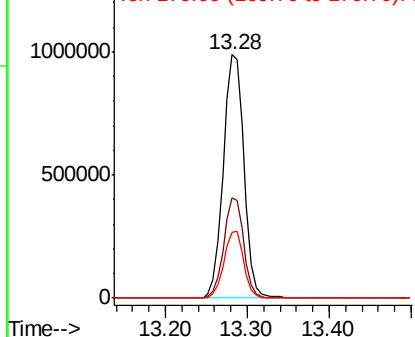


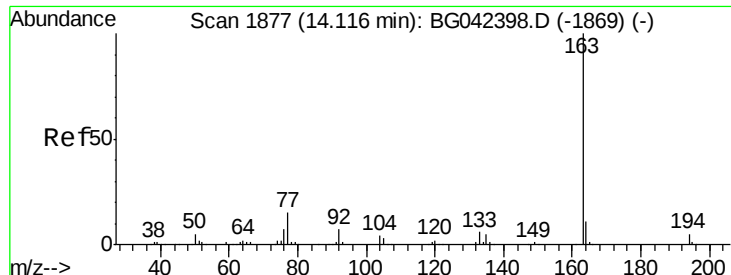
Abundance

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

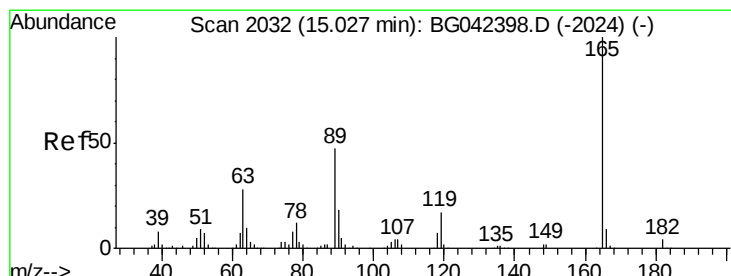
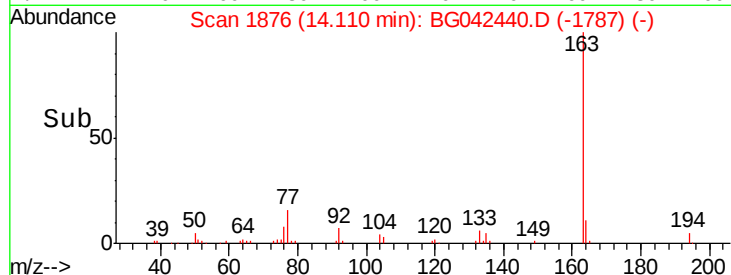
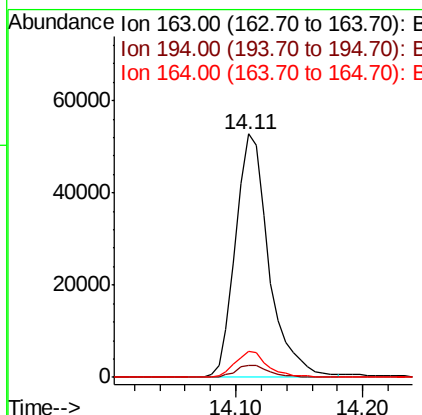
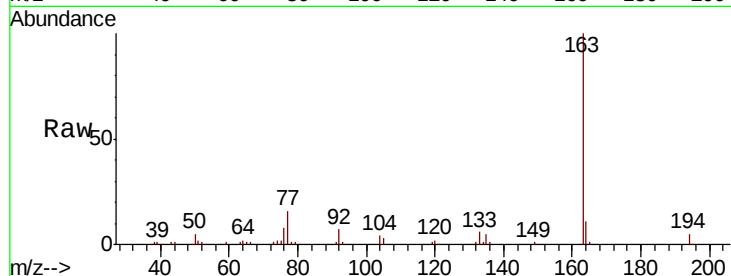




#50
Dimethylphthalate
Concen: 5.141 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

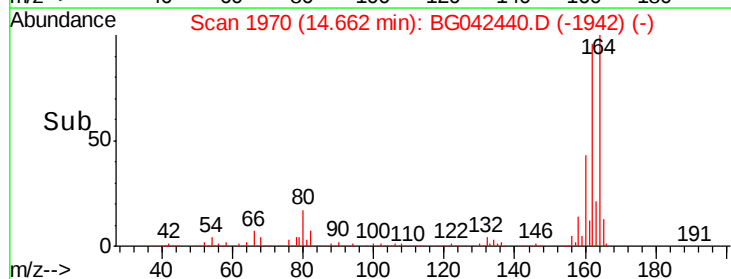
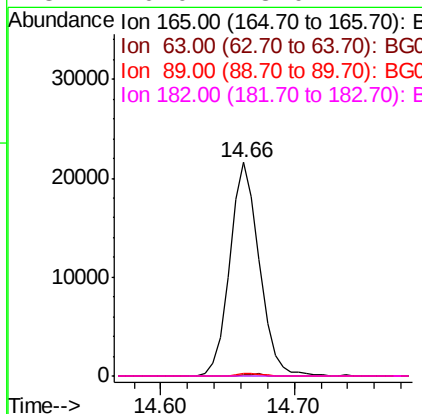
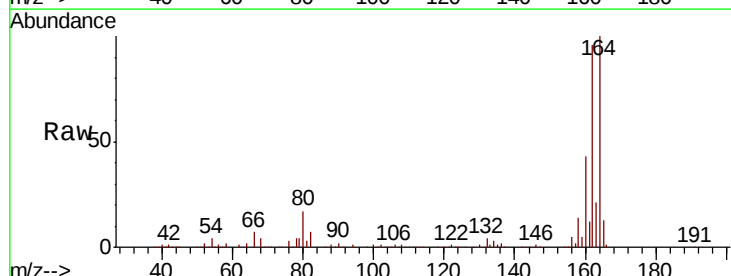
Instrument :
BNA_G
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HD-02-082119

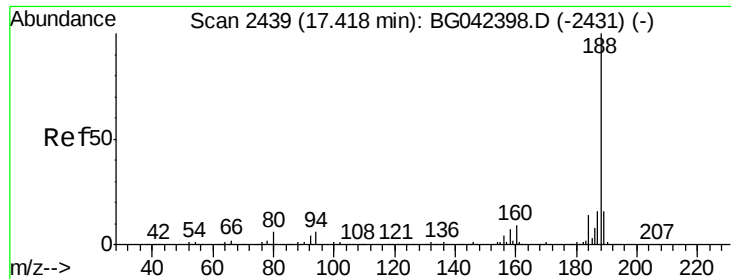
Tgt Ion:163 Resp: 96576
Ion Ratio Lower Upper
163 100
194 5.0 4.2 6.2
164 10.8 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.334 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.36 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

Tgt Ion:165 Resp: 33258
Ion Ratio Lower Upper
165 100
63 0.8 22.5 33.7#
89 1.3 37.8 56.6#
182 0.0 3.0 4.4#

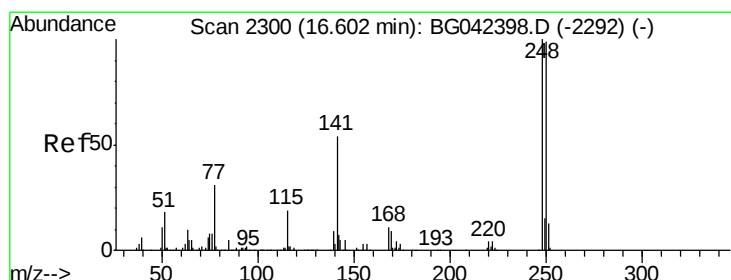
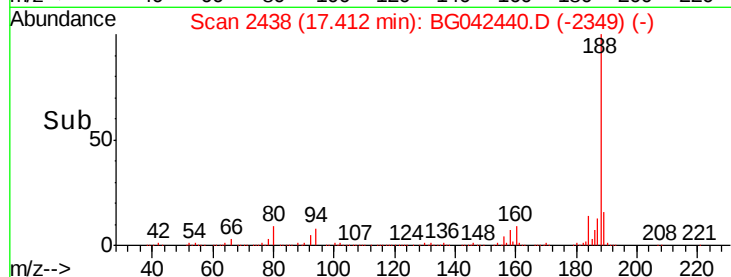
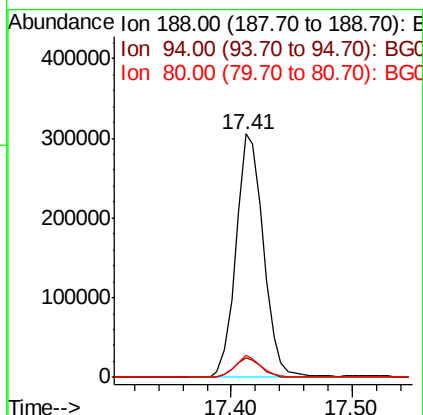
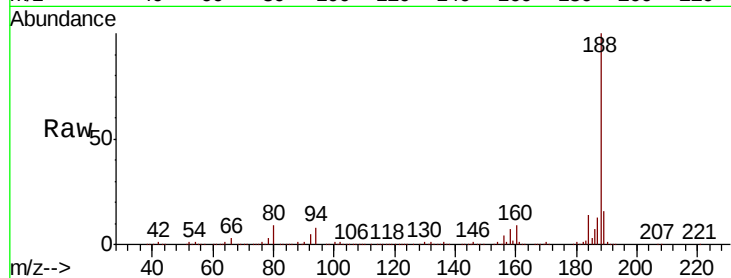




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

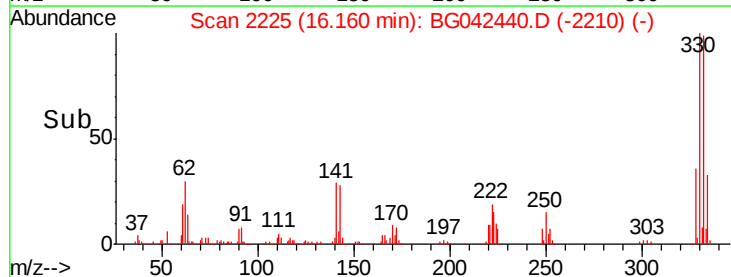
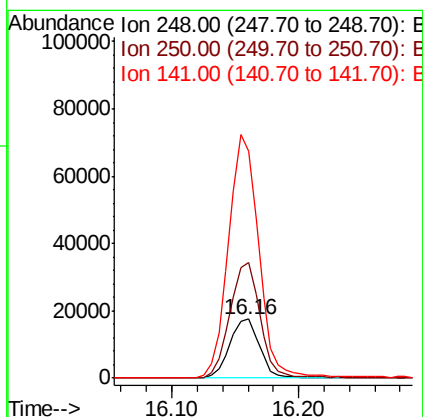
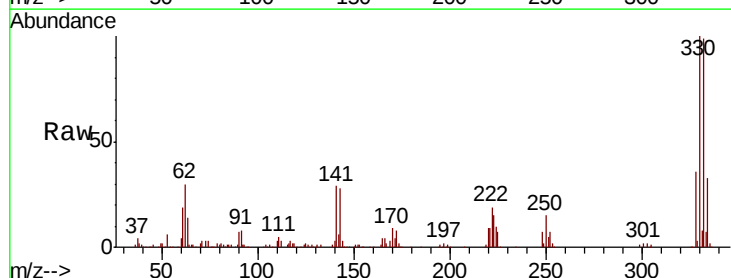
Instrument :
BNA_G
ClientSampleId :
HD-02-082119

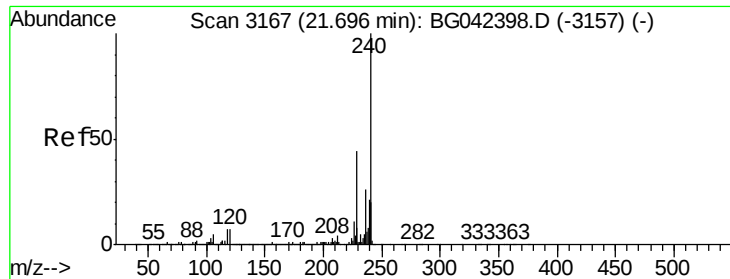
Tgt Ion:188 Resp: 483936
Ion Ratio Lower Upper
188 100
94 8.2 4.5 6.7#
80 8.9 4.9 7.3#



#67
4-Bromophenyl-phenylether
Concen: 4.669 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.44 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

Tgt Ion:248 Resp: 28662
Ion Ratio Lower Upper
248 100
250 197.5 78.9 118.3#
141 385.2 43.3 64.9#

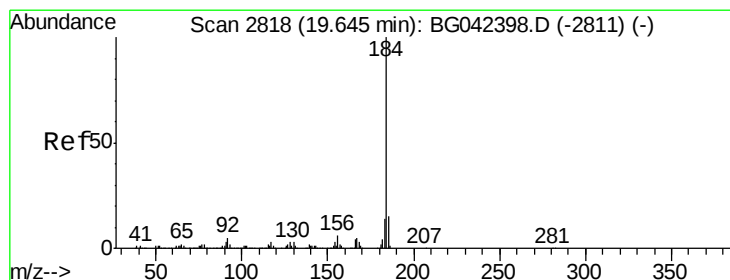
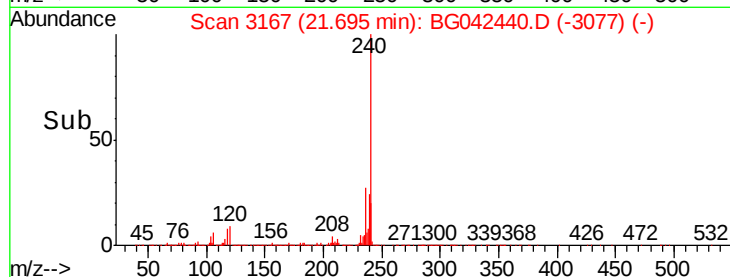
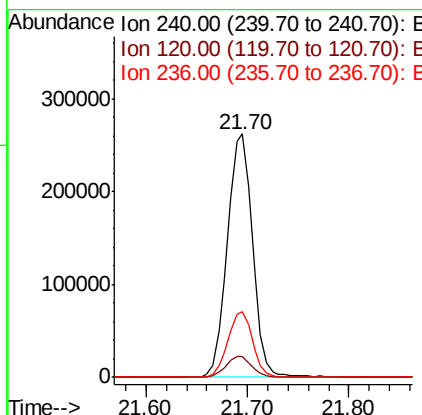
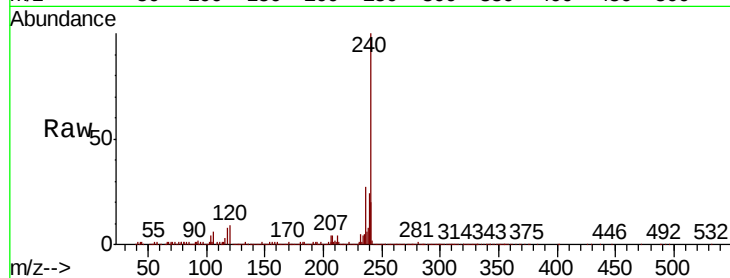




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

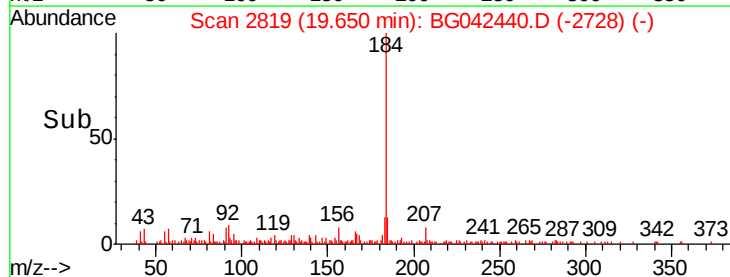
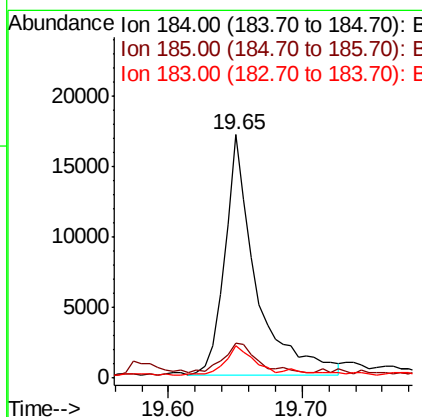
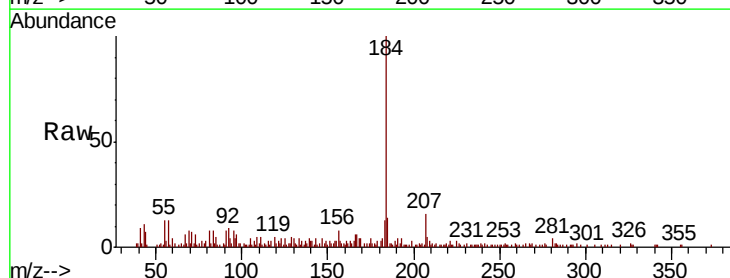
Instrument :
BNA_G
ClientSampleId :
HD-02-082119

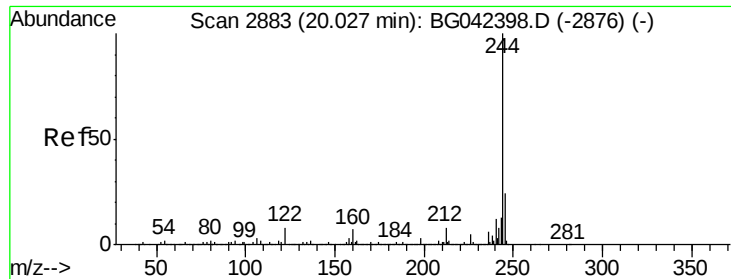
Tgt Ion:240 Resp: 451411
Ion Ratio Lower Upper
240 100
120 8.8 5.7 8.5#
236 26.8 21.0 31.4



#77
Benzidine
Concen: 2.157 ng
RT: 19.65 min Scan# 2819
Delta R.T. 0.01 min
Lab File: BG042440.D
Acq: 23 Aug 2019 19:26

Tgt Ion:184 Resp: 27912
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.4
183 13.4 10.8 16.2





#79

Terphenyl-d14

Concen: 101.408 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

Instrument :

BNA_G

ClientSampleId :

HD-02-082119

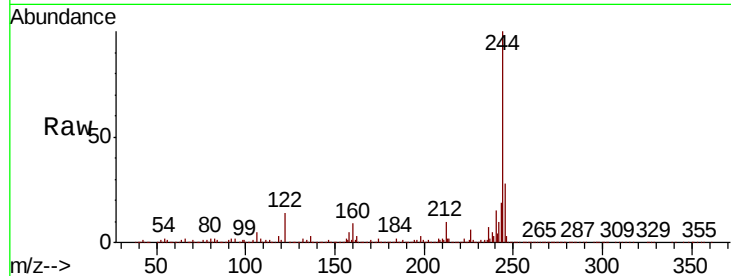
Tgt Ion:244 Resp: 2117406

Ion Ratio Lower Upper

244 100

212 10.2 6.0 9.0#

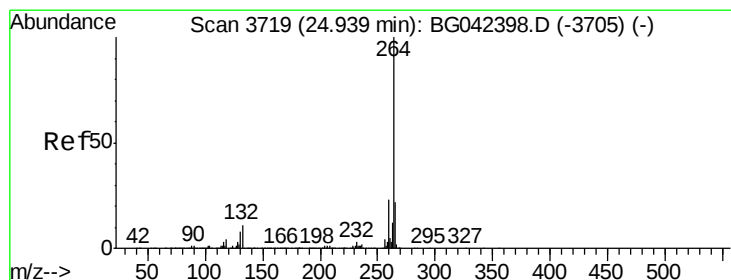
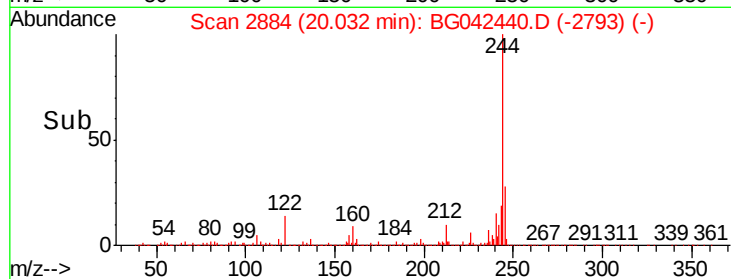
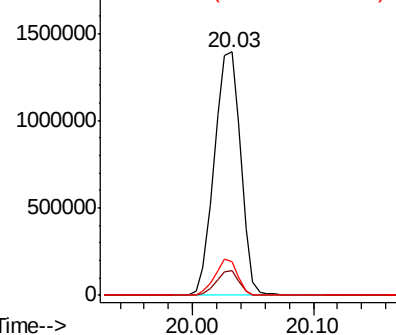
122 14.0 6.7 10.1#



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: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042440.D

Acq: 23 Aug 2019 19:26

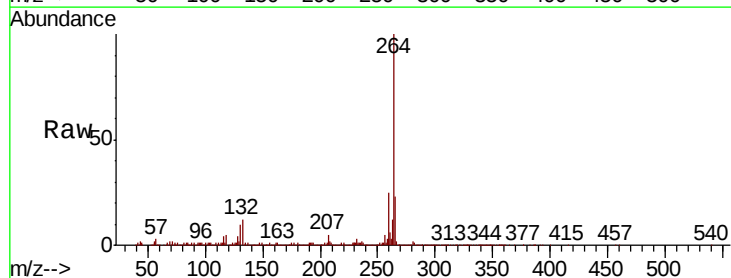
Tgt Ion:264 Resp: 523735

Ion Ratio Lower Upper

264 100

260 25.0 18.5 27.7

265 22.7 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

