

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041493.D
 Acq On : 27 Jun 2019 18:19
 Operator : HP/JU
 Sample : K3539-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-J-A-SETTLED-2H

Quant Time: Jun 28 05:52:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28881	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	104701	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	77756	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	202373	20.00	ng	0.00
76) Chrysene-d12	21.70	240	211599	20.00	ng	0.00
87) Perylene-d12	24.98	264	226982	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	84704	52.29	ng	0.00
7) Phenol-d6	7.19	99	75855	33.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	227526	90.63	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	185054	139.39	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	557289	91.97	ng	0.00
79) Terphenyl-d14	20.03	244	1082677	108.73	ng	0.00

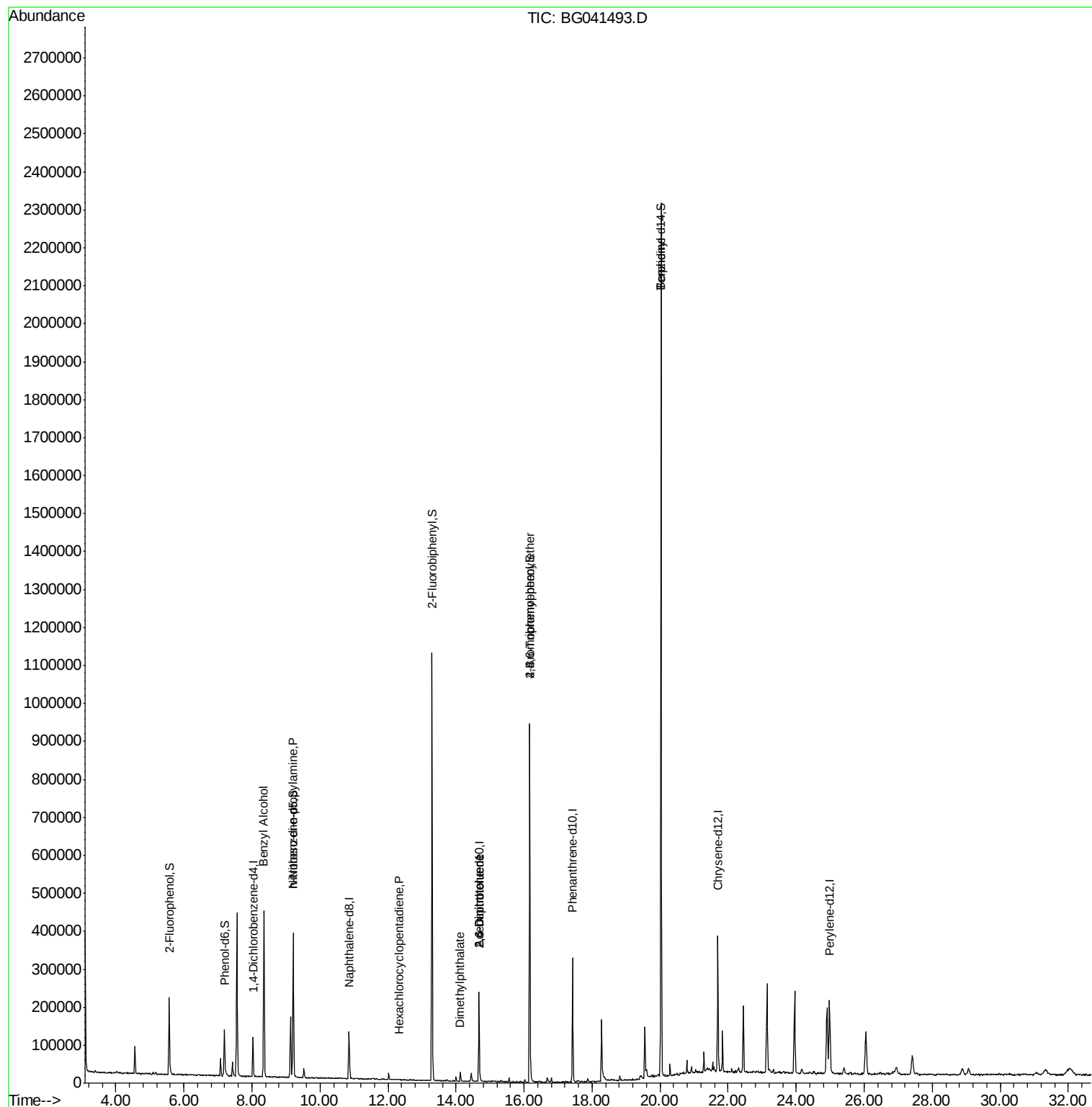
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.35	79	4172	2.297	ng	# 47
19) n-Nitroso-di-n-propylamine	9.21	70	31950	18.783	ng	# 79
41) Hexachlorocyclopentadiene	12.32	237	53	3.674	ng	# 29
50) Dimethylphthalate	14.12	163	17718	2.504	ng	# 95
51) 2,6-Dinitrotoluene	14.68	165	9629	6.412	ng	# 19
57) 2,4-Dinitrotoluene	14.68	165	9629	4.420	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	13361	4.831	ng	# 1
77) Benzidine	20.03	184	18479	3.936	ng	97

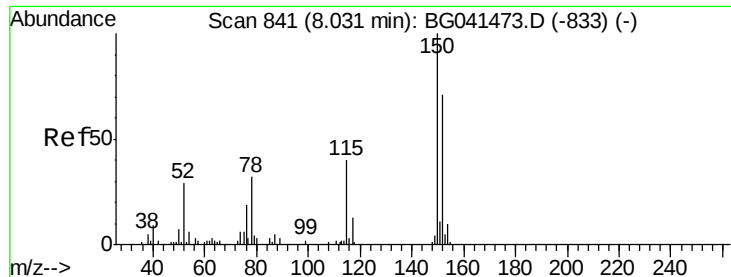
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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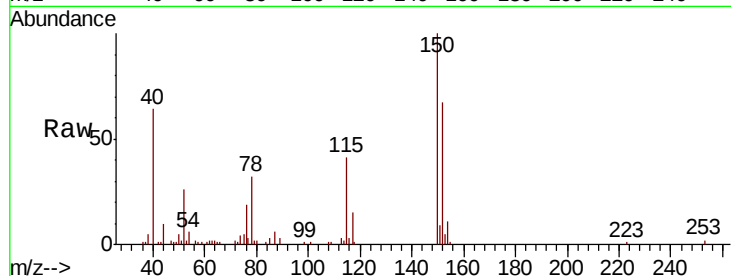


#1

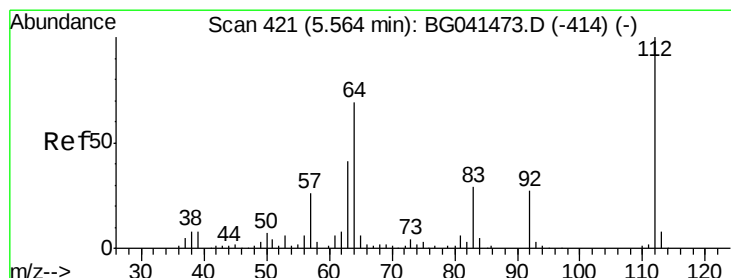
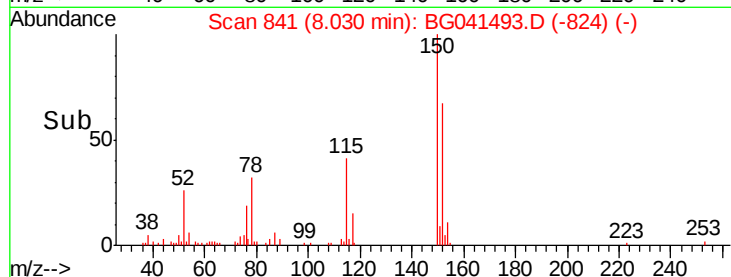
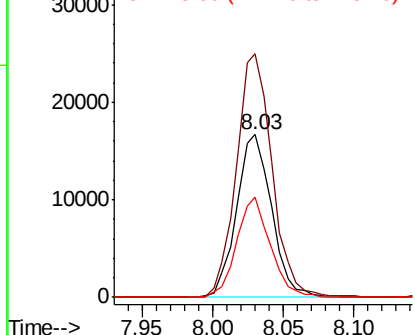
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041493.D
Acq: 27 Jun 2019 18:19

Instrument :
BNA_G
ClientSampleId :
MH-J-A-SETTLED-2H

Tgt Ion:152 Resp: 28881
Ion Ratio Lower Upper
152 100
150 149.9 112.4 168.6
115 61.4 44.6 66.8



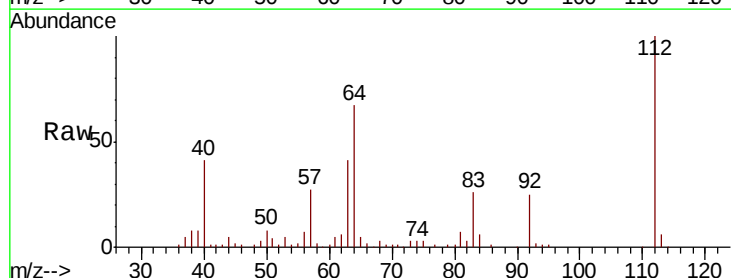
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



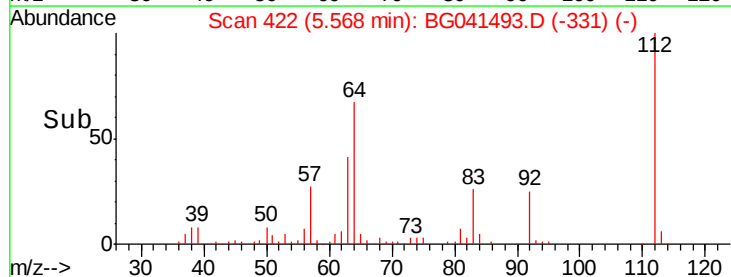
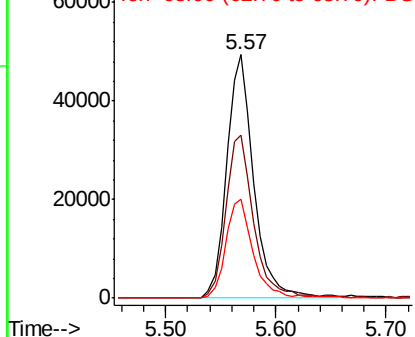
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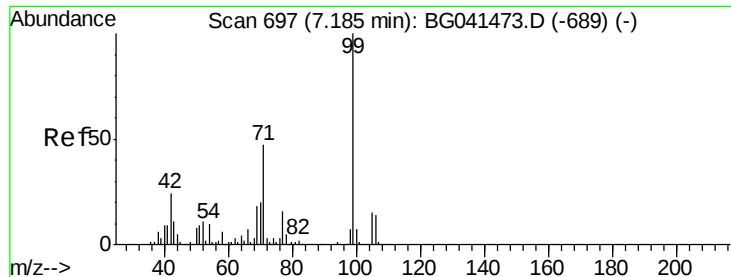
2-Fluorophenol
Concen: 52.289 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041493.D
Acq: 27 Jun 2019 18:19

Tgt Ion:112 Resp: 84704
Ion Ratio Lower Upper
112 100
64 66.9 55.1 82.7
63 40.9 32.4 48.6



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: 33.263 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041493.D

Acq: 27 Jun 2019 18:19

Instrument :

BNA_G

ClientSampleId :

MH-J-A-SETTLED-2H

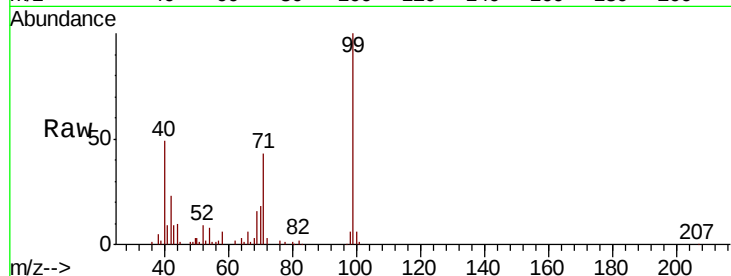
Tgt Ion: 99 Resp: 75855

Ion Ratio Lower Upper

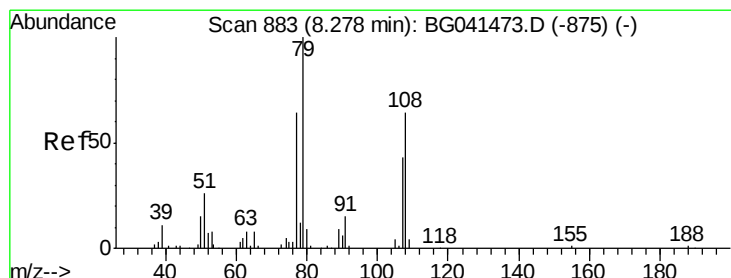
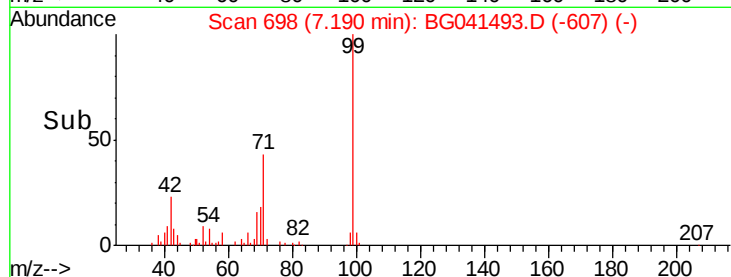
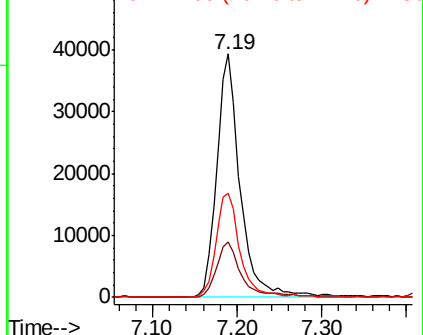
99 100

42 22.6 19.0 28.6

71 43.0 37.4 56.2



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



#15

Benzyl Alcohol

Concen: 2.297 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.08 min

Lab File: BG041493.D

Acq: 27 Jun 2019 18:19

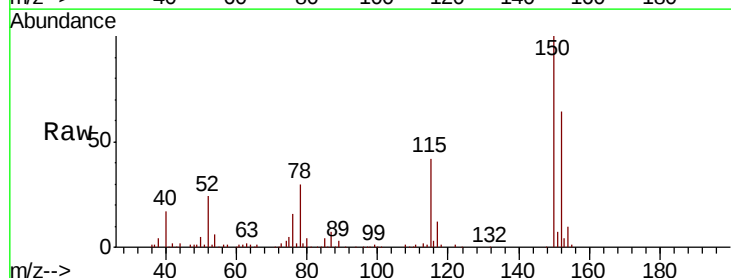
Tgt Ion: 79 Resp: 4172

Ion Ratio Lower Upper

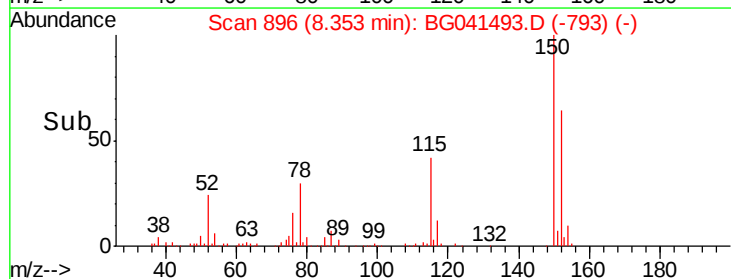
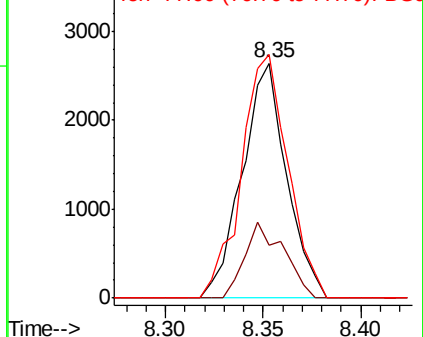
79 100

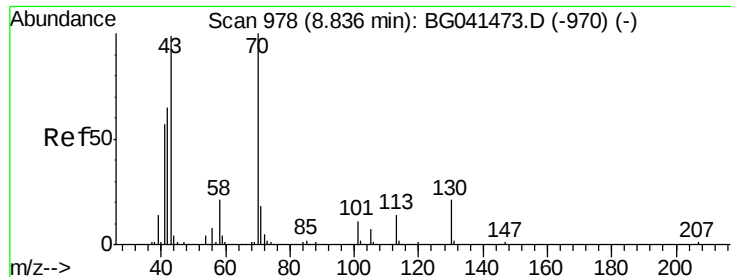
108 22.3 51.4 77.0#

77 103.7 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

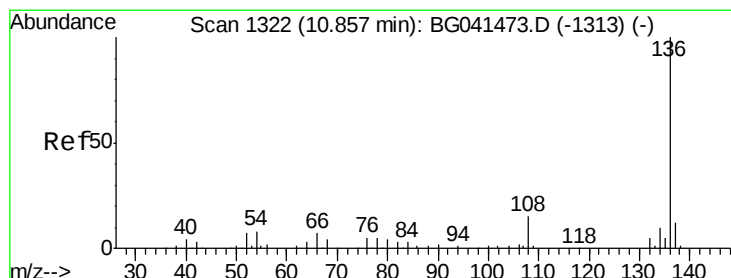
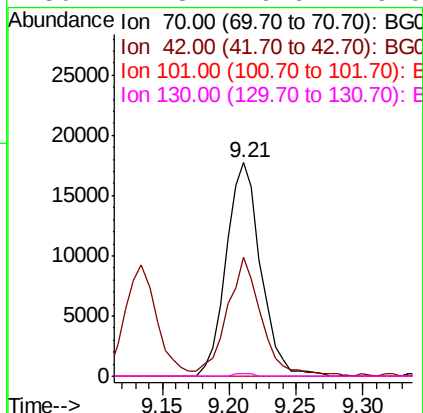
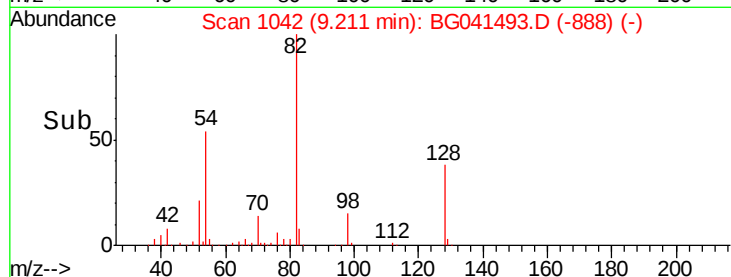
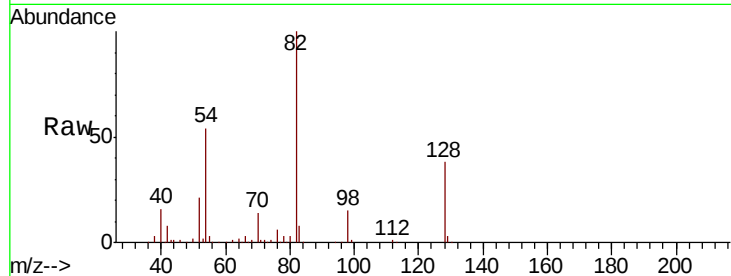




#19
n-Nitroso-di-n-propylamine
Concen: 18.783 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041493.D
Acq: 27 Jun 2019 18:19

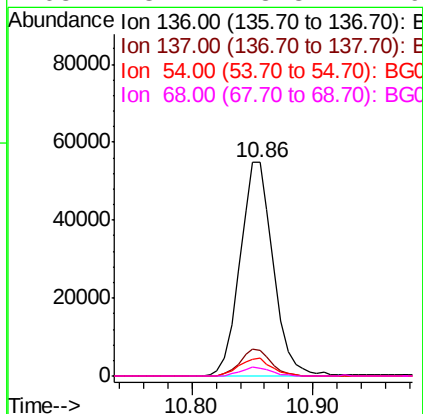
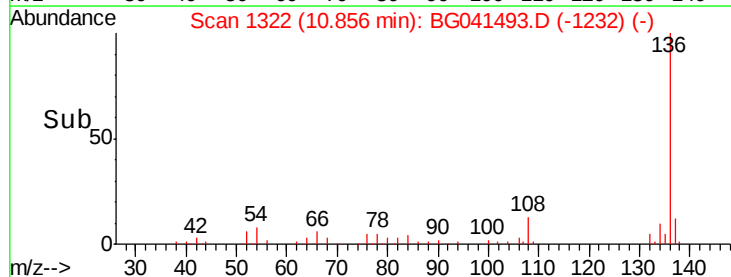
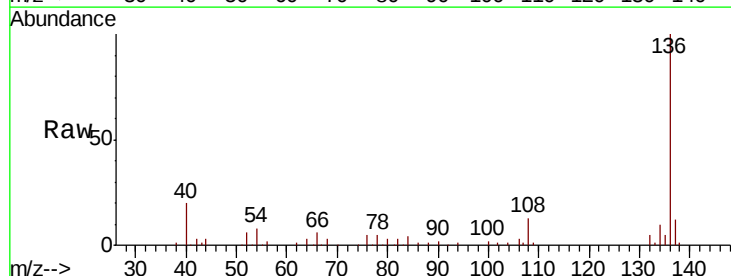
Instrument :
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ClientSampleId :
MH-J-A-SETTLED-2H

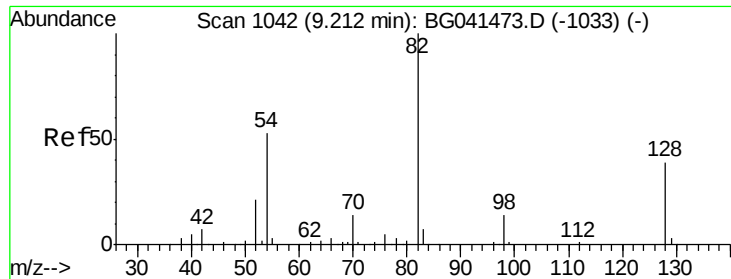
Tgt Ion: 70 Resp: 31950
Ion Ratio Lower Upper
70 100
42 55.8 52.6 78.8
101 0.0 8.6 13.0#
130 1.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041493.D
Acq: 27 Jun 2019 18:19

Tgt Ion: 136 Resp: 104701
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 8.1 7.1 10.7
68 3.4 3.3 4.9

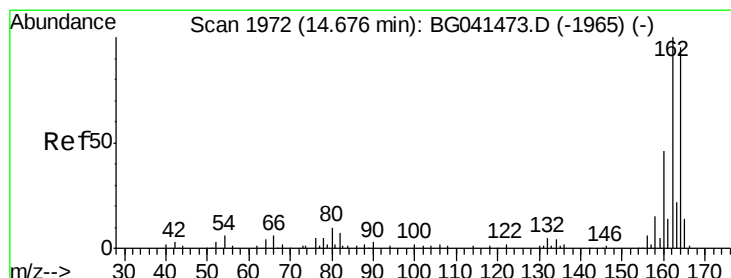
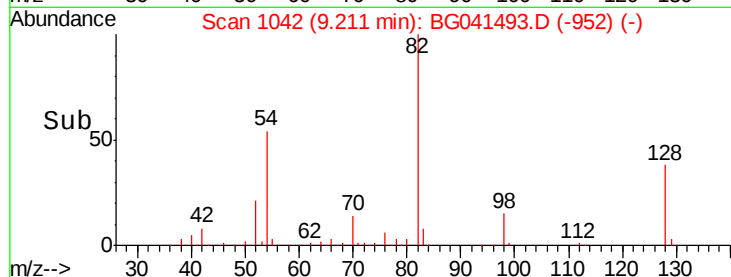
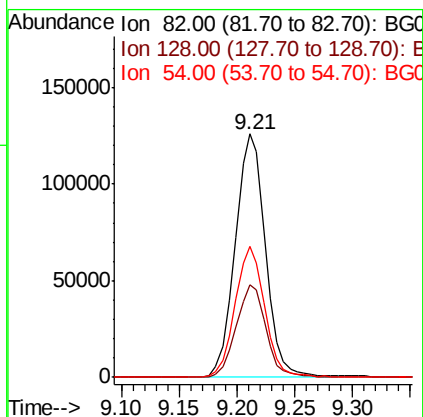
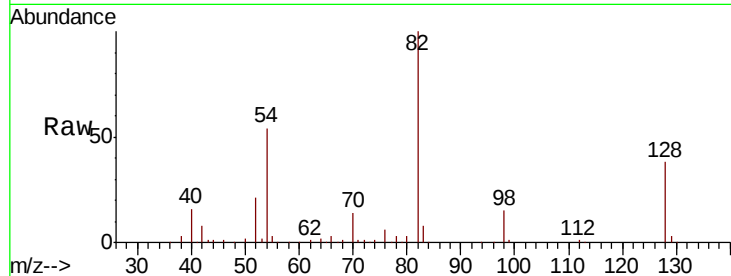




#23
 Nitrobenzene-d5
 Concen: 90.634 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041493.D
 Acq: 27 Jun 2019 18:19

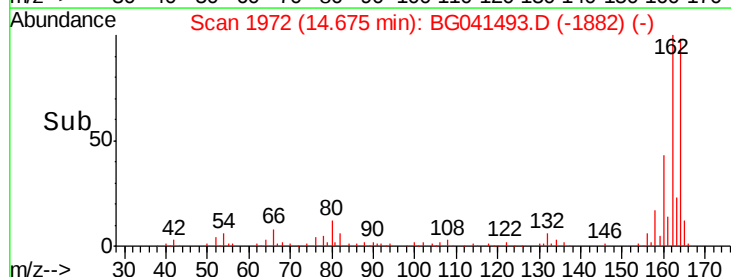
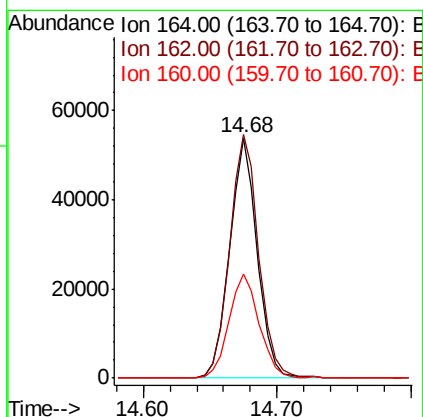
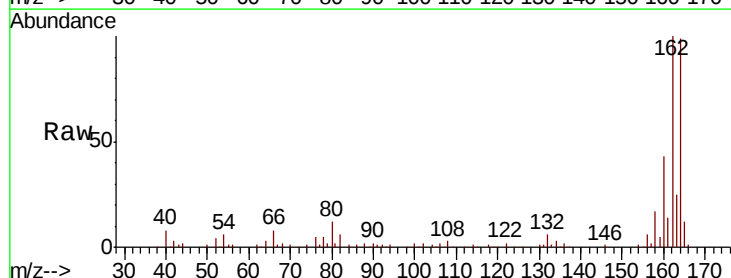
Instrument :
 BNA_G
 ClientSampleId :
 MH-J-A-SETTLED-2H

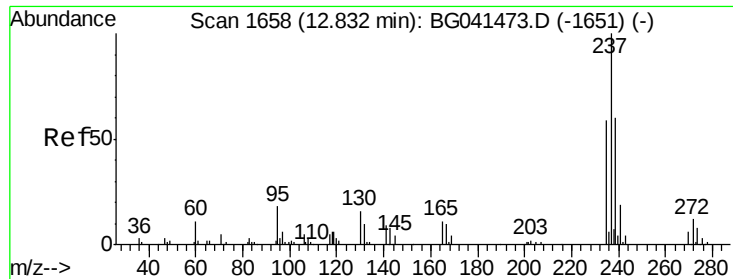
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.9	46.3
54	53.8	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041493.D
 Acq: 27 Jun 2019 18:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	84.4	126.6
160	43.1	38.8	58.2





#41

Hexachlorocyclopentadiene

Concen: 3.674 ng

RT: 12.32 min Scan# 1572

Delta R.T. -0.51 min

Lab File: BG041493.D

Acq: 27 Jun 2019 18:19

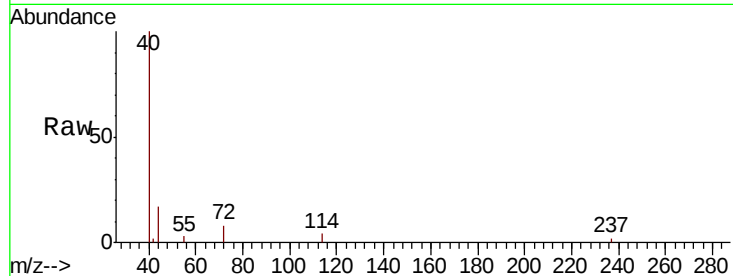
Instrument :

BNA_G

ClientSampleId :

MH-J-A-SETTLED-2H

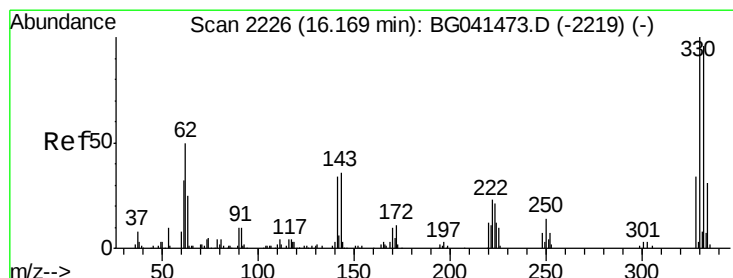
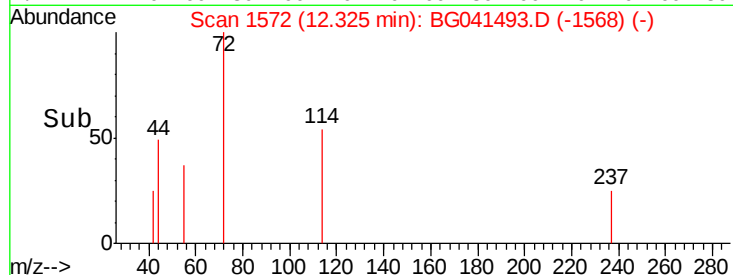
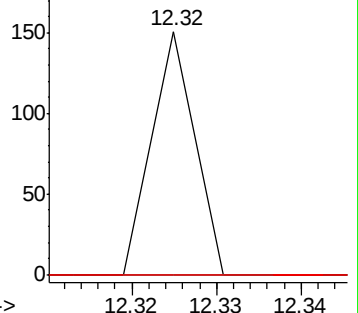
Tgt Ion:	237	Resp:	53
Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.1	79.1#
272	0.0	0.0	31.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.386 ng

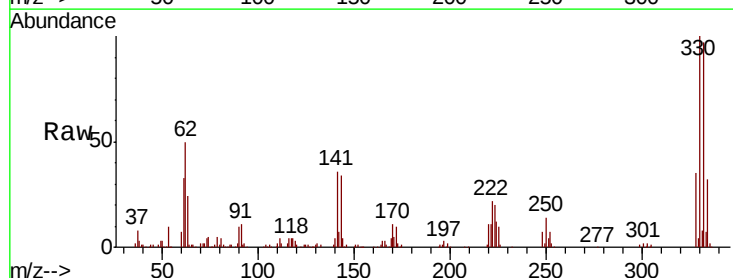
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041493.D

Acq: 27 Jun 2019 18:19

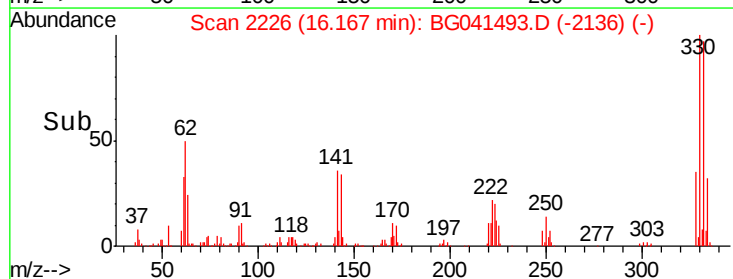
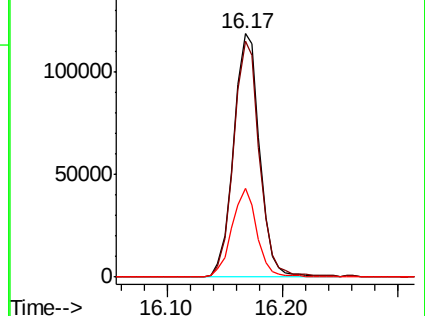
Tgt Ion:	330	Resp:	185054
Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.5	113.3
141	35.0	27.8	41.6

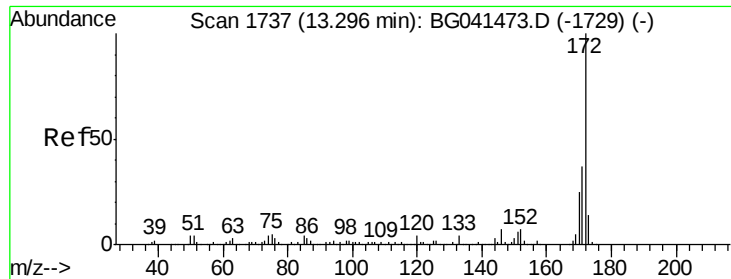


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

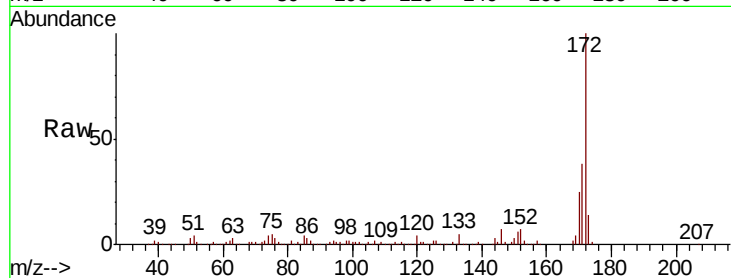




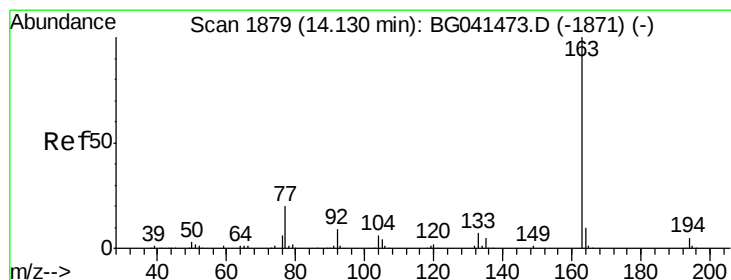
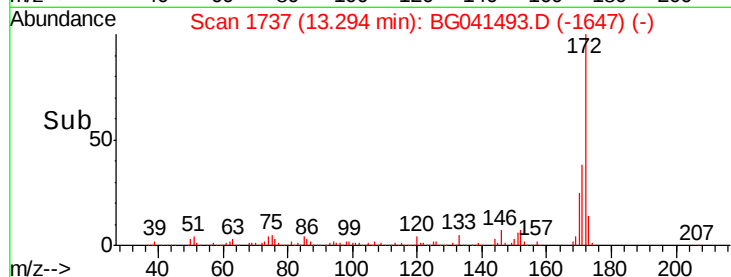
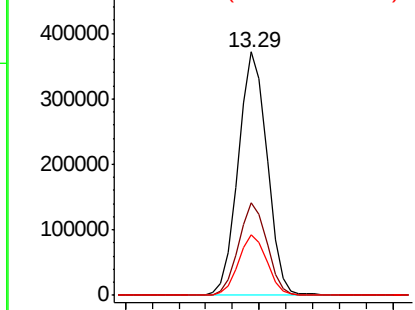
#45
2-Fluorobiphenyl
Concen: 91.973 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041493.D
Acq: 27 Jun 2019 18:19

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Tgt Ion:172 Resp: 557289
Ion Ratio Lower Upper
172 100
171 38.0 29.6 44.4
170 25.0 20.0 30.0

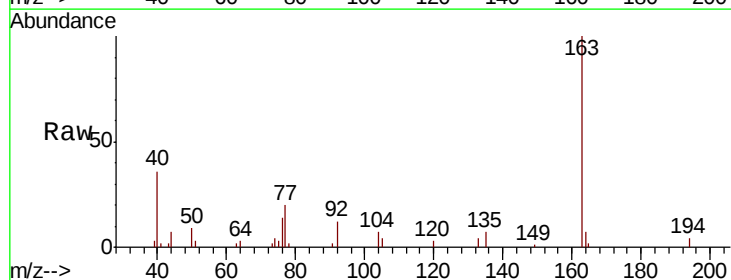


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

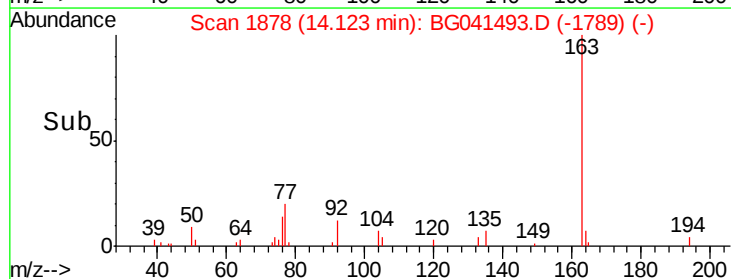
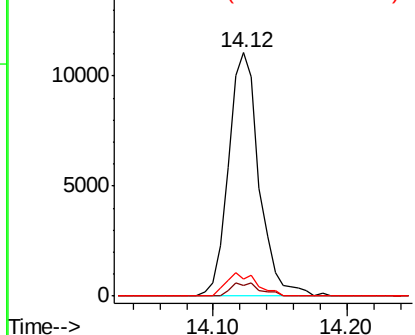


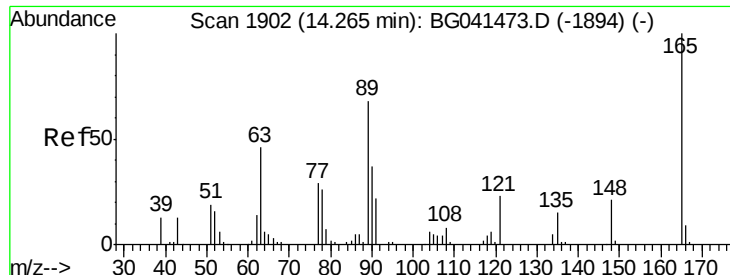
#50
Dimethylphthalate
Concen: 2.504 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041493.D
Acq: 27 Jun 2019 18:19

Tgt Ion:163 Resp: 17718
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 7.0 7.8 11.6#



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

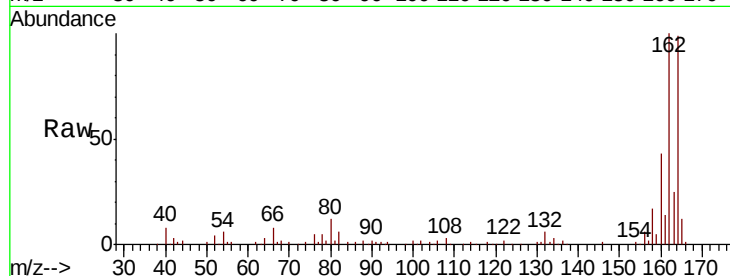




#51
 2,6-Dinitrotoluene
 Concen: 6.412 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.41 min
 Lab File: BG041493.D
 Acq: 27 Jun 2019 18:19

Instrument :
 BNA_G
 ClientSampleId :
 MH-J-A-SETTLED-2H

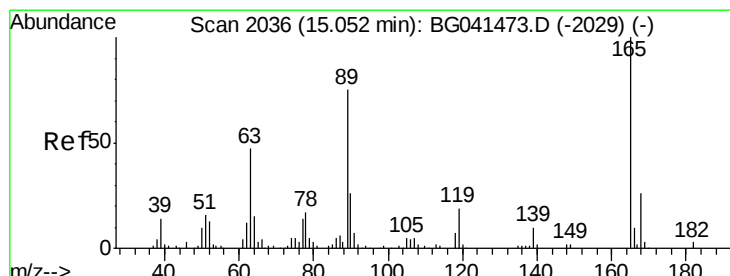
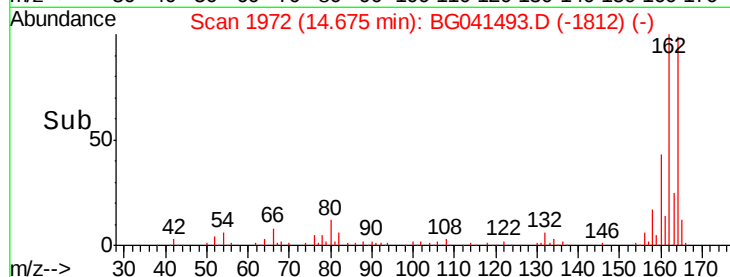
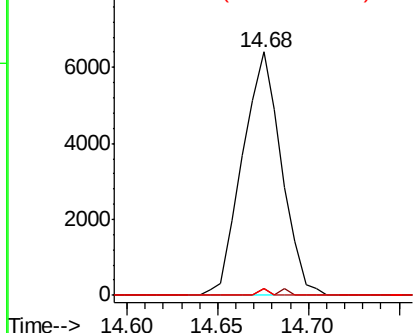
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	56.4	84.6#
89	3.0	54.6	81.8#



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: 4.420 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041493.D
 Acq: 27 Jun 2019 18:19

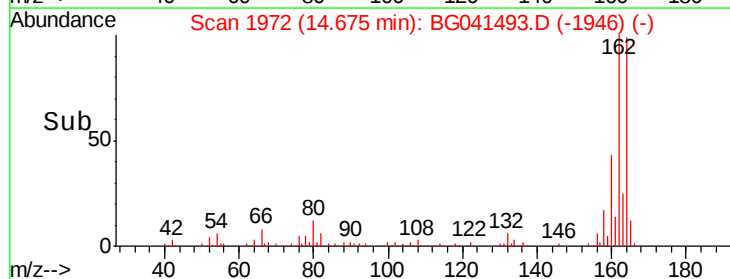
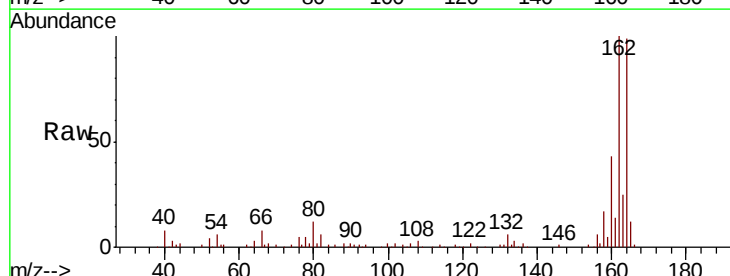
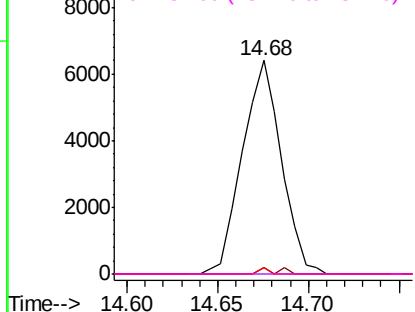
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	38.8	58.2#
89	3.0	60.1	90.1#
182	0.0	2.2	3.2#

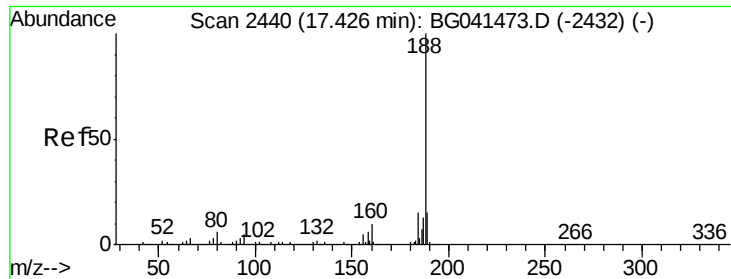
Abundance Ion 165.00 (164.70 to 165.70): E

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

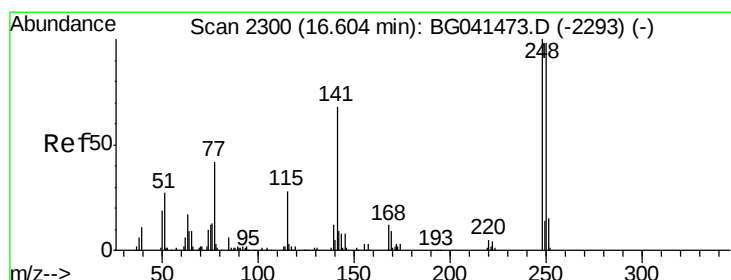
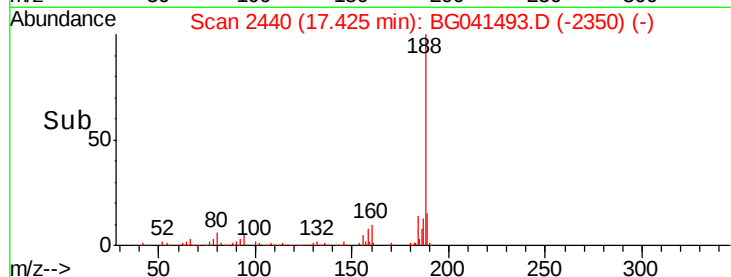
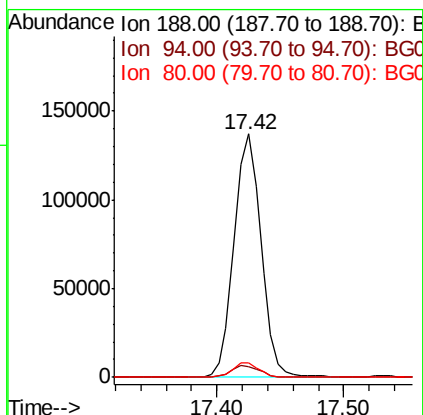
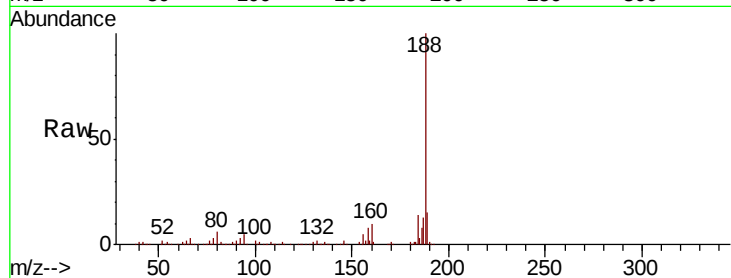




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041493.D
Acq: 27 Jun 2019 18:19

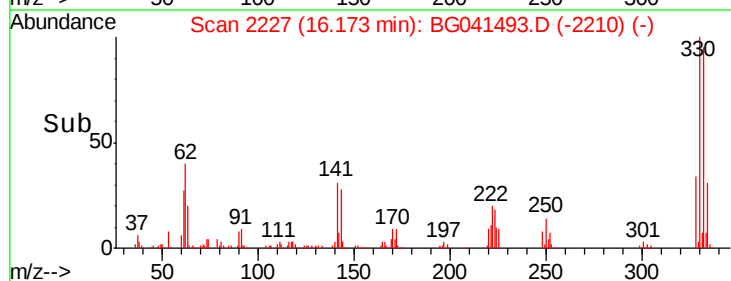
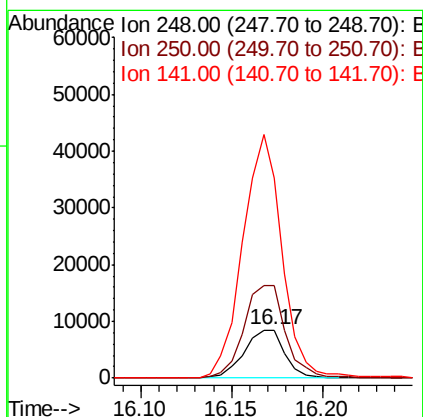
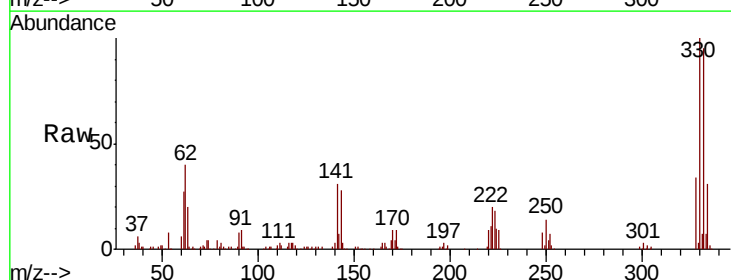
Instrument :
BNA_G
ClientSampleId :
MH-J-A-SETTLED-2H

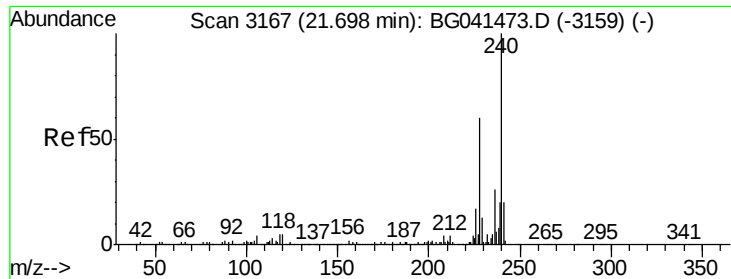
Tgt Ion:188 Resp: 202373
Ion Ratio Lower Upper
188 100
94 4.6 3.8 5.8
80 5.8 4.8 7.2



#67
4-Bromophenyl-phenylether
Concen: 4.831 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.43 min
Lab File: BG041493.D
Acq: 27 Jun 2019 18:19

Tgt Ion:248 Resp: 13361
Ion Ratio Lower Upper
248 100
250 190.5 78.1 117.1#
141 412.4 54.1 81.1#

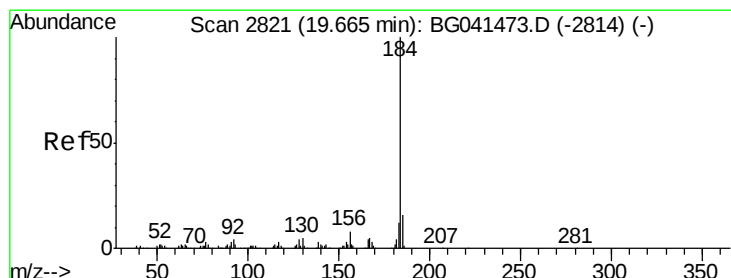
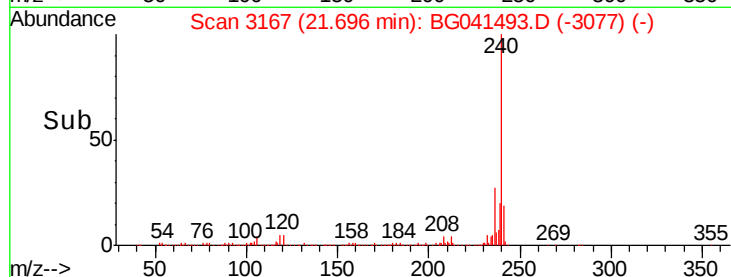
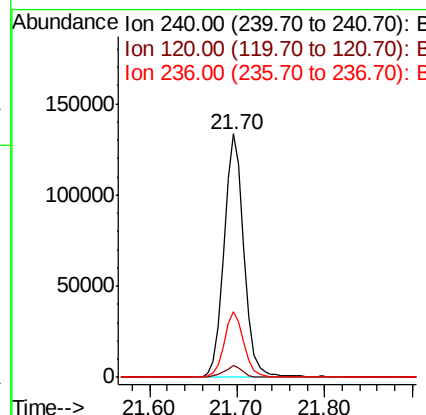
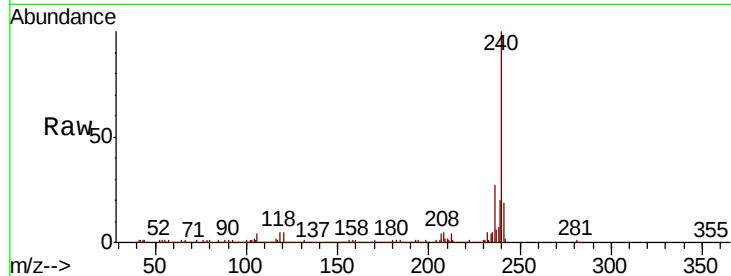




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041493.D
 Acq: 27 Jun 2019 18:19

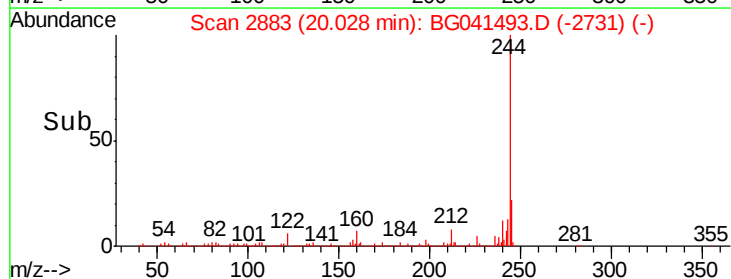
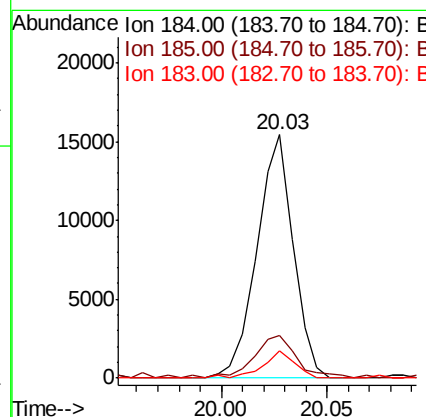
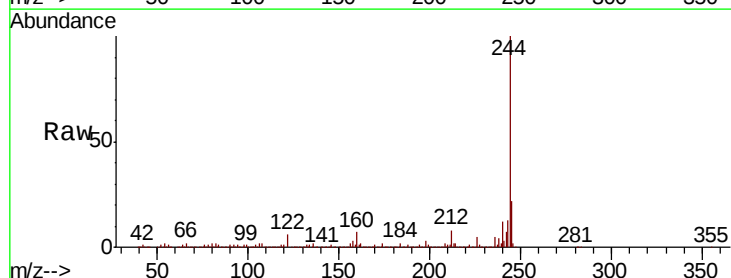
Instrument :
 BNA_G
 ClientSampleId :
 MH-J-A-SETTLED-2H

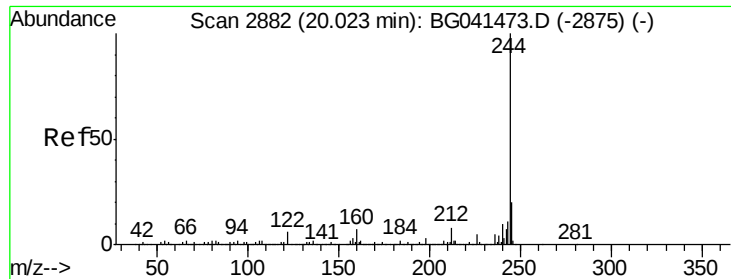
Tgt Ion:240 Resp: 211599
 Ion Ratio Lower Upper
 240 100
 120 4.7 3.7 5.5
 236 26.9 20.8 31.2



#77
 Benzidine
 Concen: 3.936 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.36 min
 Lab File: BG041493.D
 Acq: 27 Jun 2019 18:19

Tgt Ion:184 Resp: 18479
 Ion Ratio Lower Upper
 184 100
 185 17.6 12.7 19.1
 183 11.0 9.4 14.2





#79

Terphenyl-d14

Concen: 108.733 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041493.D

Acq: 27 Jun 2019 18:19

Instrument :

BNA_G

ClientSampleId :

MH-J-A-SETTLED-2H

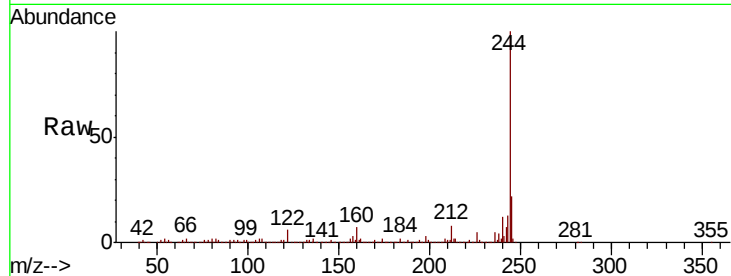
Tgt Ion:244 Resp: 1082677

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

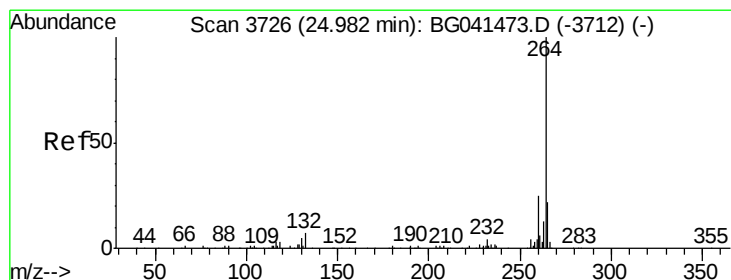
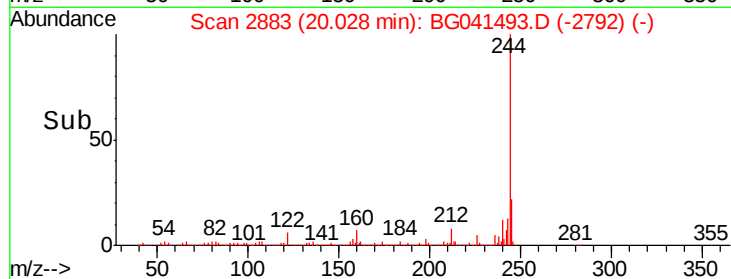
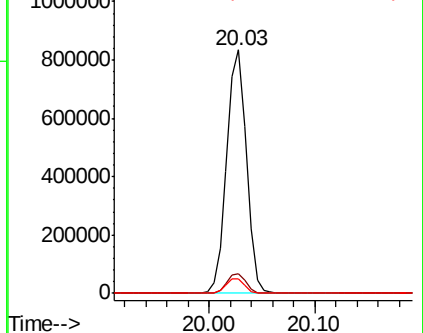
122 5.8 4.8 7.2



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: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041493.D

Acq: 27 Jun 2019 18:19

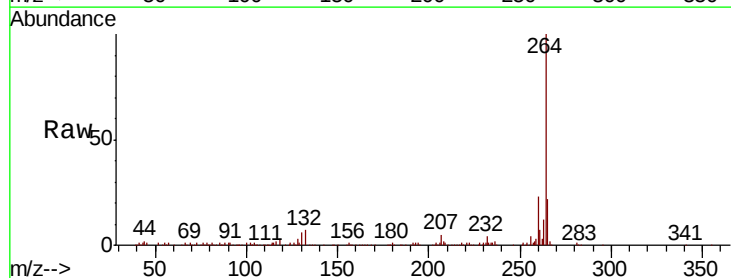
Tgt Ion:264 Resp: 226982

Ion Ratio Lower Upper

264 100

260 23.2 19.7 29.5

265 21.6 17.4 26.2



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

