

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041494.D
 Acq On : 27 Jun 2019 18:57
 Operator : HP/JU
 Sample : K3552-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-1

Quant Time: Jun 28 05:52:42 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

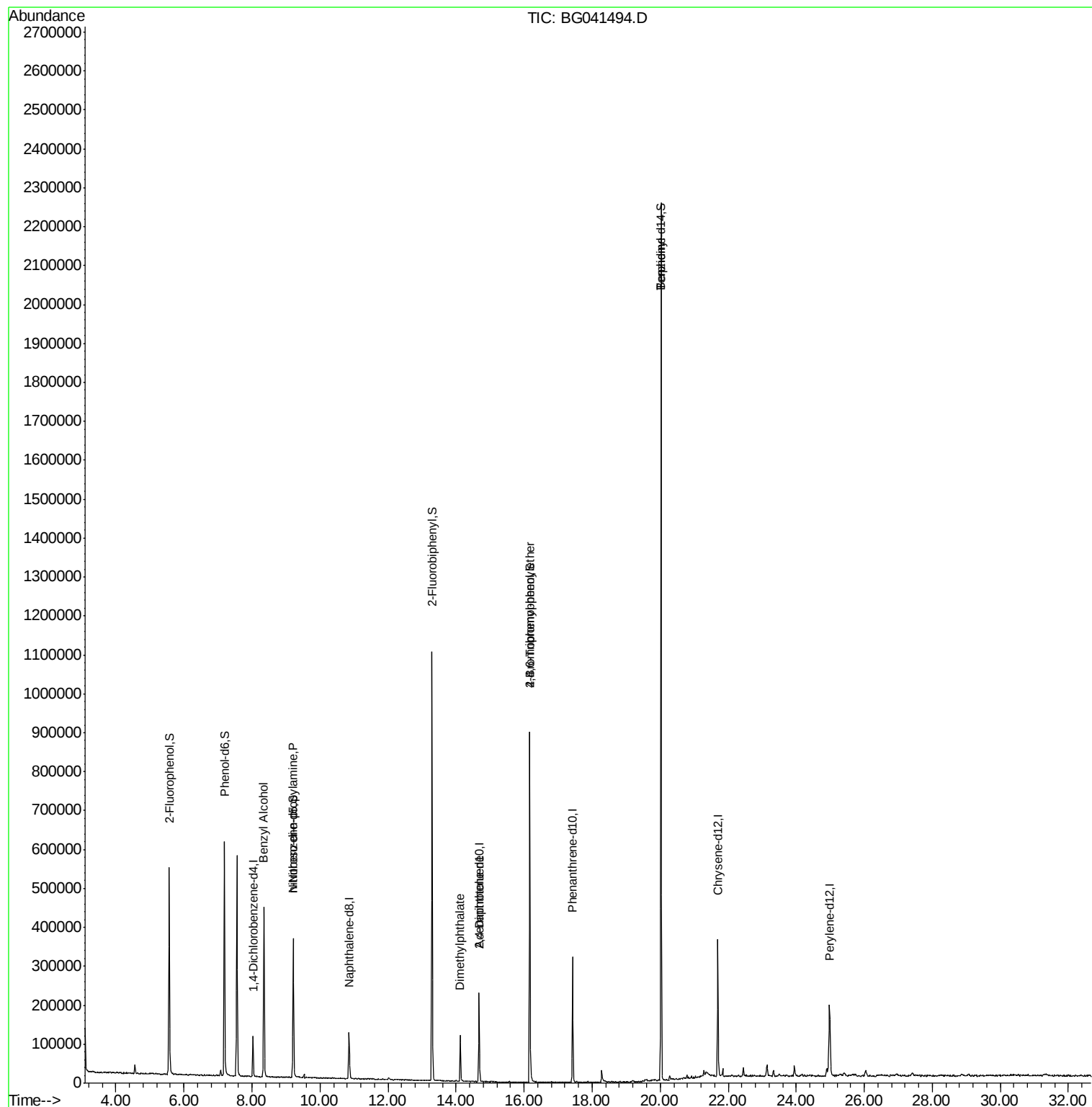
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29315	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	106128	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	78981	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	206822	20.00	ng	0.00
76) Chrysene-d12	21.70	240	213210	20.00	ng	0.00
87) Perylene-d12	24.98	264	228169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	214618	130.52	ng	0.00
7) Phenol-d6	7.19	99	318268	137.50	ng	0.00
23) Nitrobenzene-d5	9.21	82	225336	88.55	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	176246	130.69	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	548581	89.13	ng	0.00
79) Terphenyl-d14	20.03	244	1038010	103.46	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	3820	2.072	ng	# 55
19) n-Nitroso-di-n-propylamine	9.21	70	31414	18.195	ng	# 81
50) Dimethylphthalate	14.12	163	83255	11.583	ng	# 96
57) 2,4-Dinitrotoluene	14.67	165	10341	4.673	ng	# 22
67) 4-Bromophenyl-phenylether	16.17	248	12487	4.418	ng	# 1
77) Benzidine	20.03	184	16628	3.515	ng	# 93

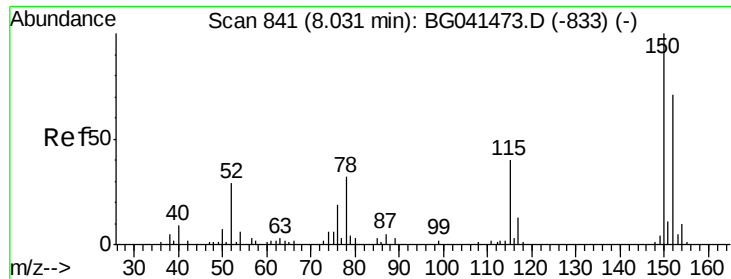
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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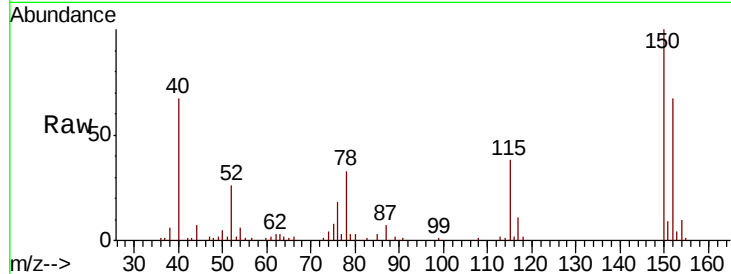


#1

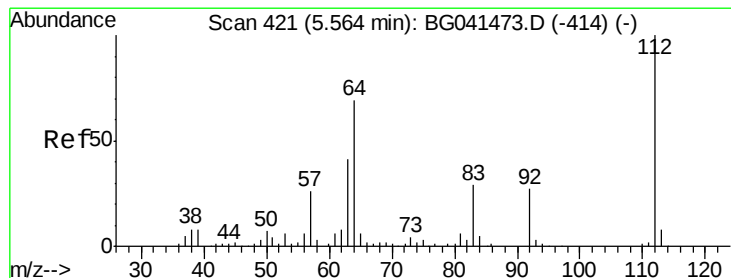
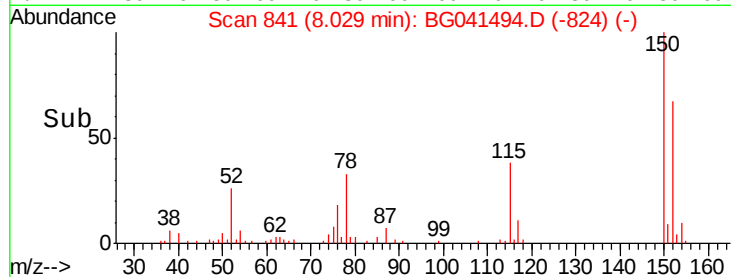
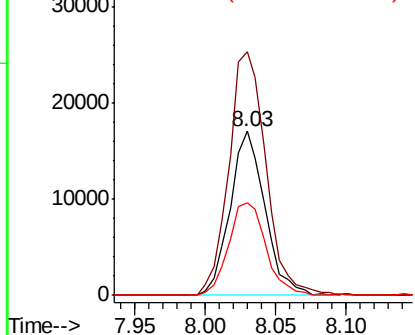
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

Instrument :
BNA_G
ClientSampleId :
M-1

Tgt Ion:152 Resp: 29315
Ion Ratio Lower Upper
152 100
150 148.3 112.4 168.6
115 56.4 44.6 66.8



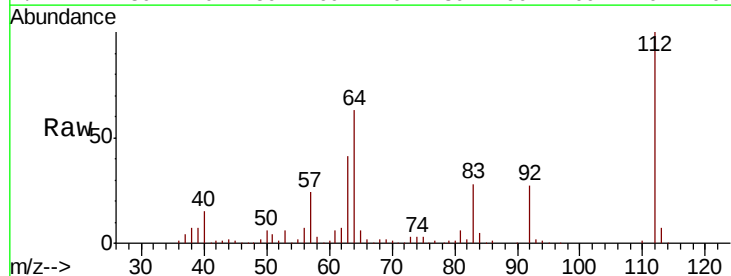
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



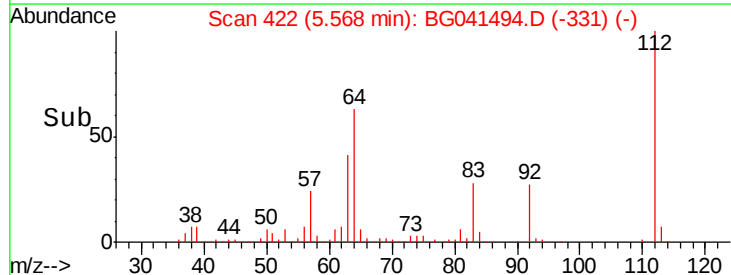
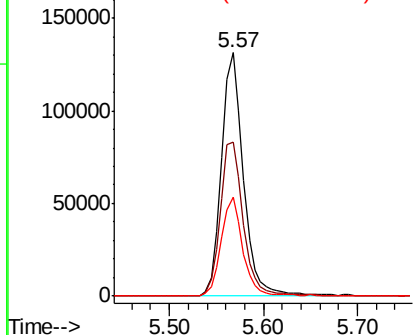
#5

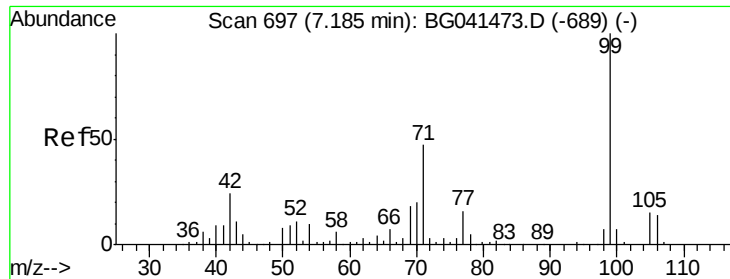
2-Fluorophenol
Concen: 130.524 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

Tgt Ion:112 Resp: 214618
Ion Ratio Lower Upper
112 100
64 63.1 55.1 82.7
63 40.6 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: 137.498 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041494.D

Acq: 27 Jun 2019 18:57

Instrument :

BNA_G

ClientSampleId :

M-1

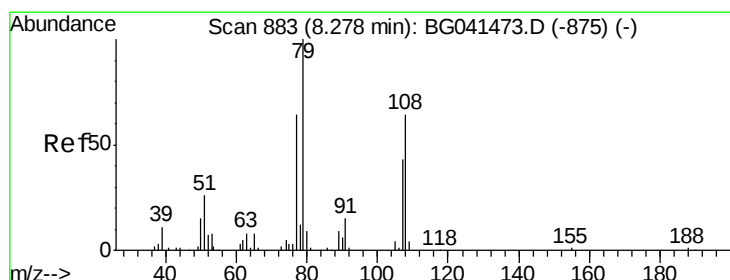
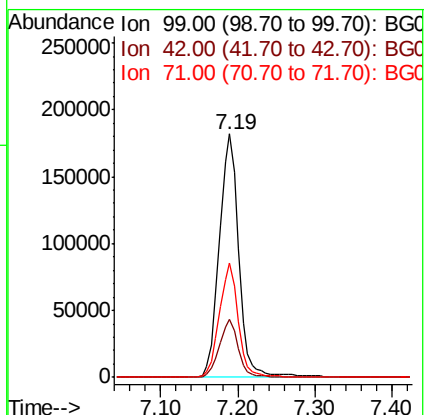
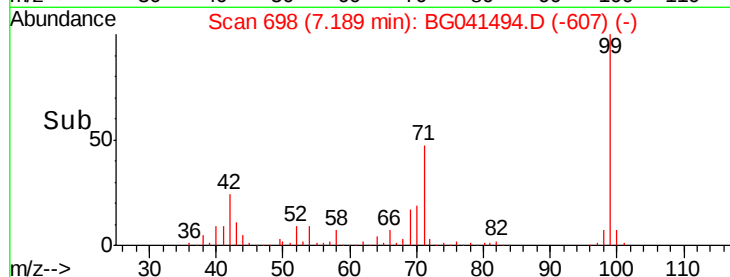
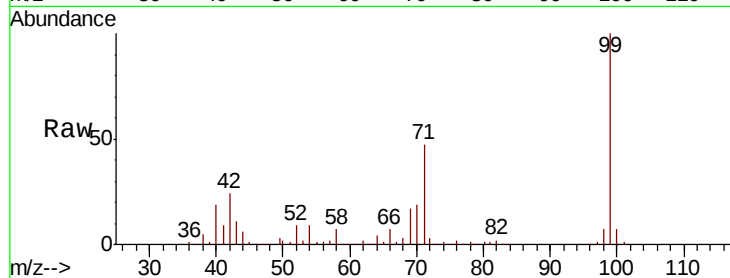
Tgt Ion: 99 Resp: 318268

Ion Ratio Lower Upper

99 100

42 24.0 19.0 28.6

71 46.9 37.4 56.2



#15

Benzyl Alcohol

Concen: 2.072 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041494.D

Acq: 27 Jun 2019 18:57

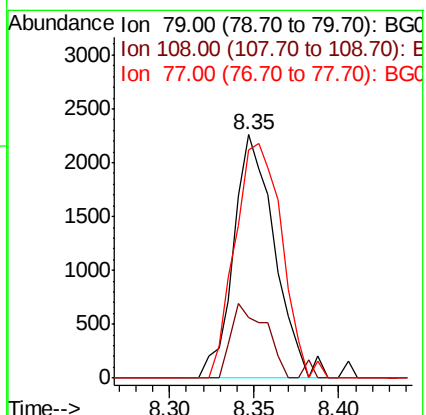
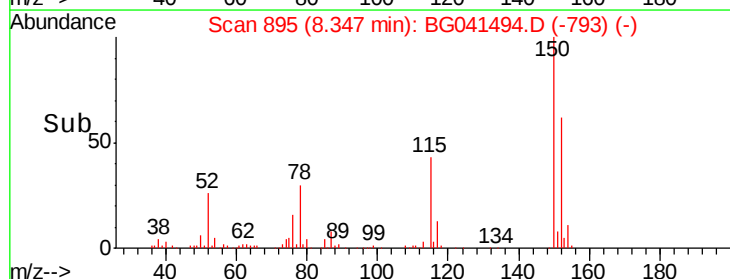
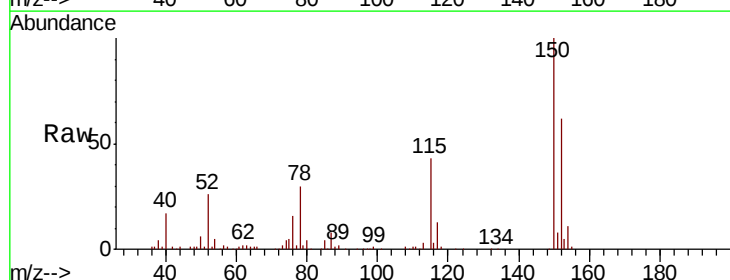
Tgt Ion: 79 Resp: 3820

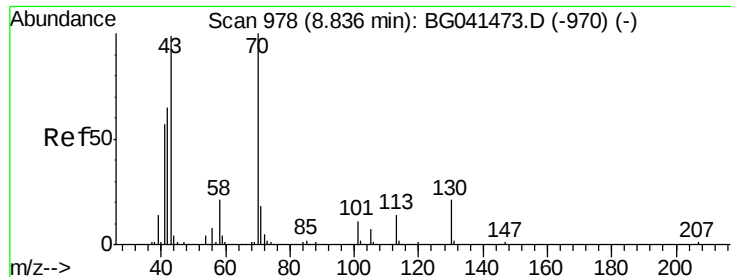
Ion Ratio Lower Upper

79 100

108 24.8 51.4 77.0#

77 94.0 50.8 76.2#

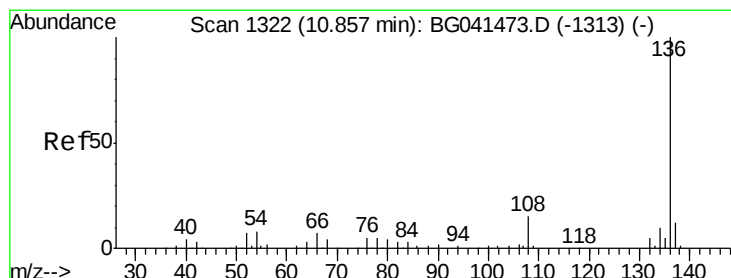
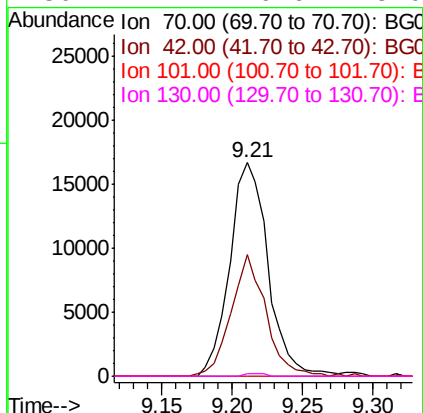
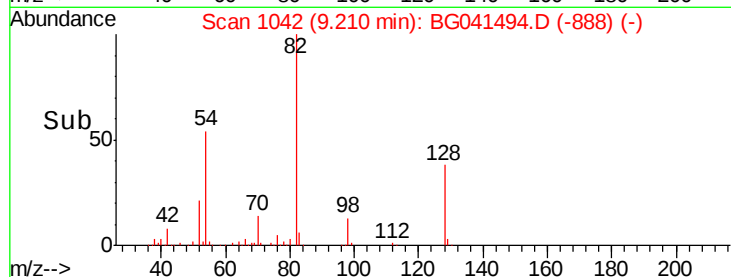
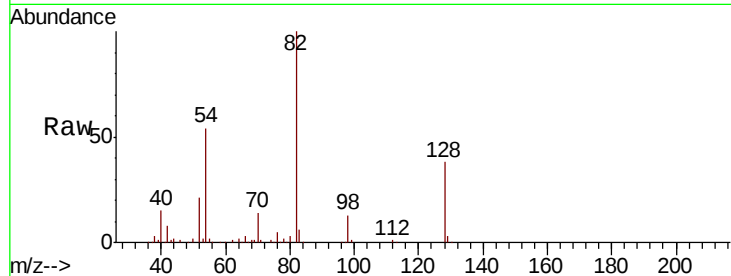




#19
n-Nitroso-di-n-propylamine
Concen: 18.195 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

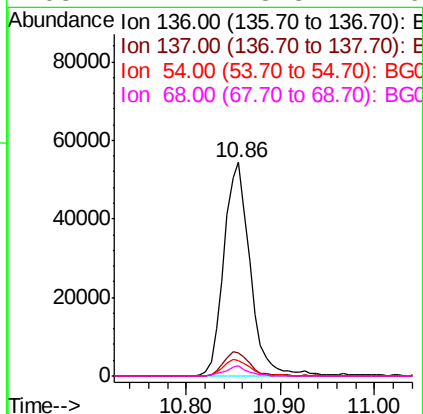
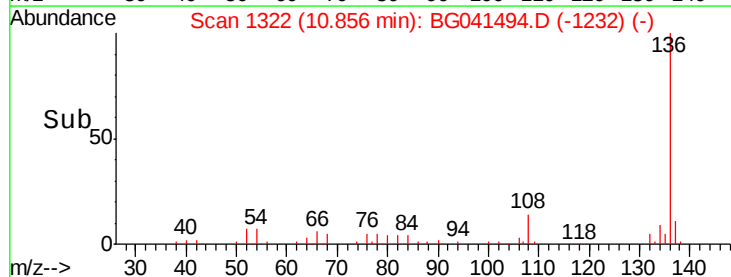
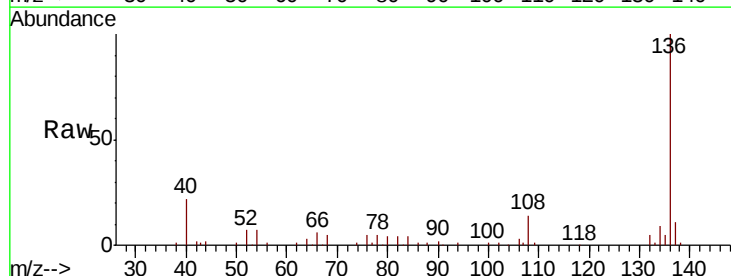
Instrument :
BNA_G
ClientSampleId :
M-1

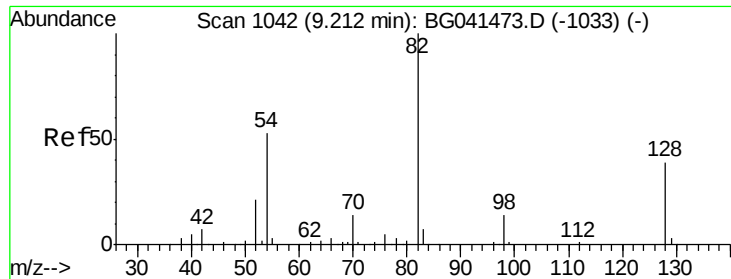
Tgt Ion: 70 Resp: 31414
Ion Ratio Lower Upper
70 100
42 57.2 52.6 78.8
101 0.0 8.6 13.0#
130 1.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

Tgt Ion: 136 Resp: 106128
Ion Ratio Lower Upper
136 100
137 10.7 9.3 13.9
54 7.4 7.1 10.7
68 4.7 3.3 4.9

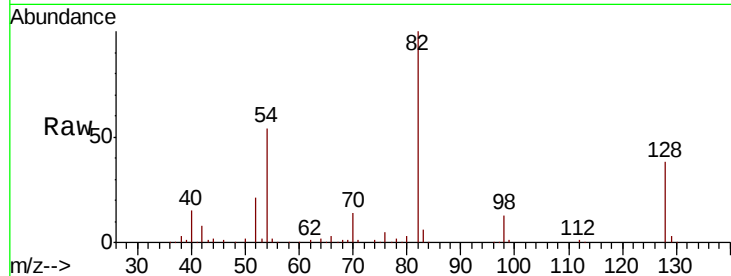




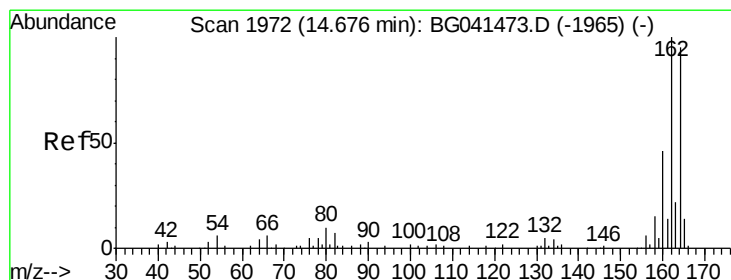
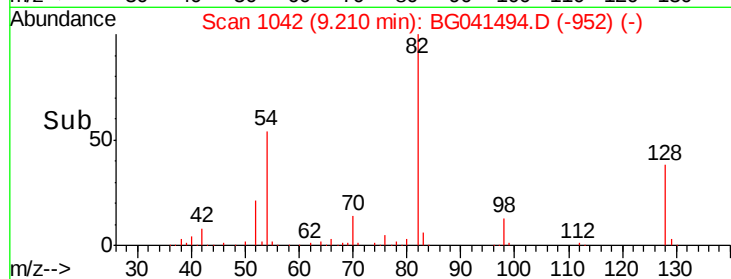
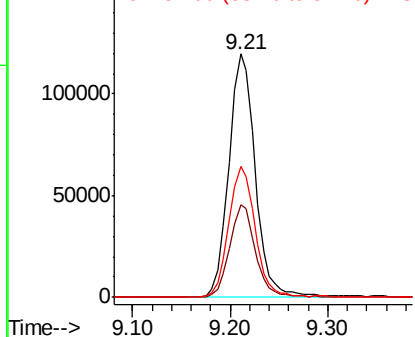
#23
 Nitrobenzene-d5
 Concen: 88.554 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041494.D
 Acq: 27 Jun 2019 18:57

Instrument :
 BNA_G
 ClientSampleId :
 M-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.9	46.3
54	53.6	42.2	63.2

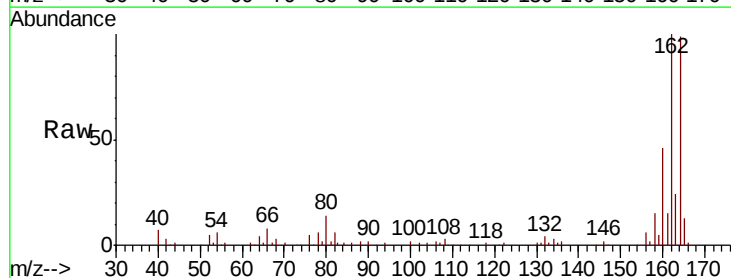


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

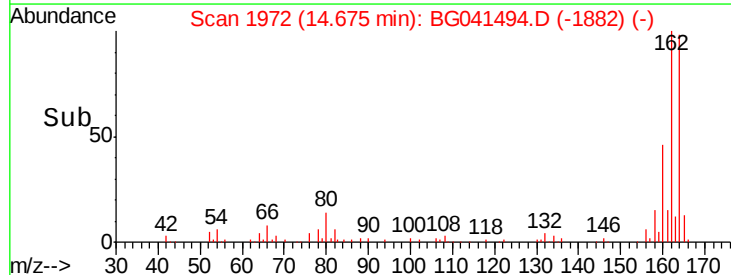
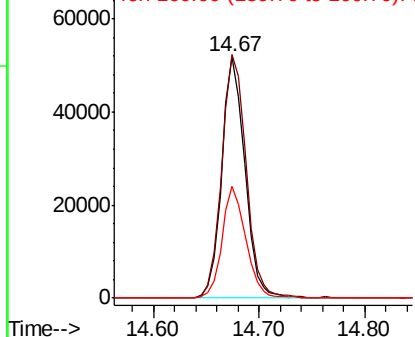


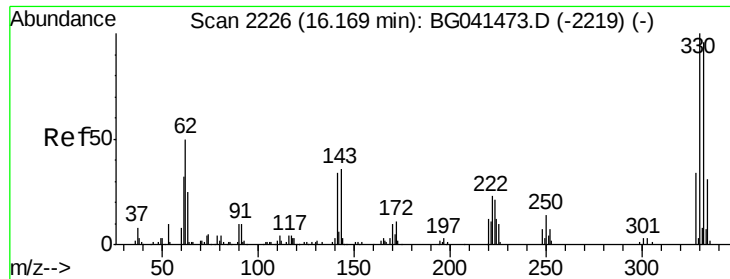
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041494.D
 Acq: 27 Jun 2019 18:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	84.4	126.6
160	46.3	38.8	58.2



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

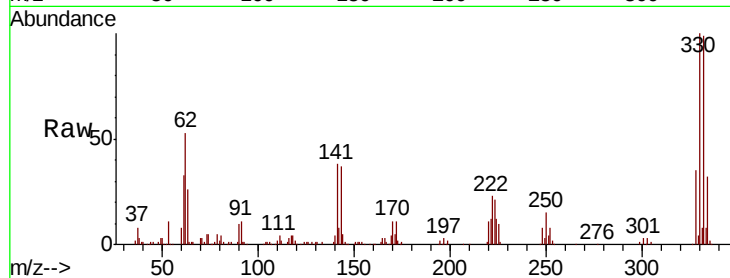




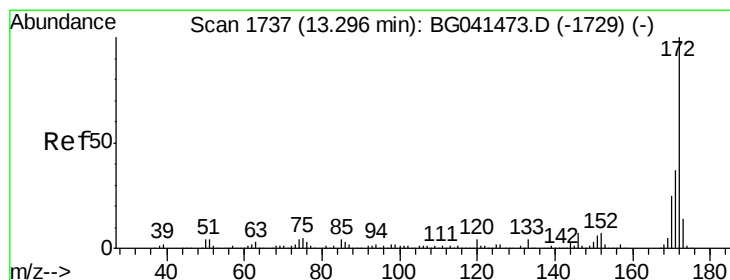
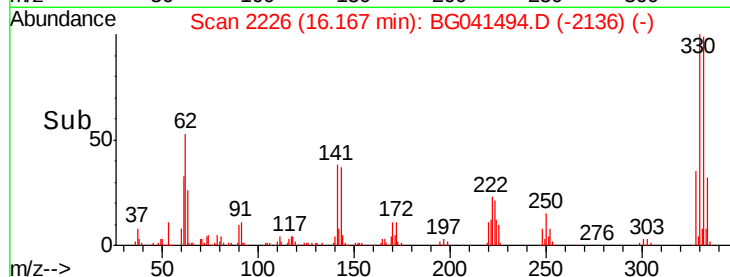
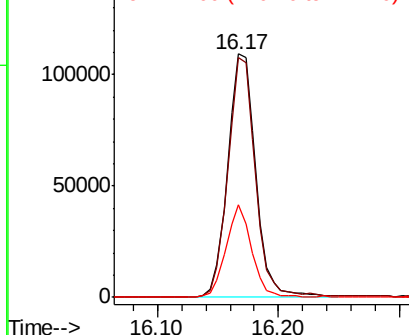
#42
 2,4,6-Tribromophenol
 Concen: 130.693 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041494.D
 Acq: 27 Jun 2019 18:57

Instrument :
 BNA_G
 ClientSampled :
 M-1

Tgt Ion:330 Resp: 176246
 Ion Ratio Lower Upper
 330 100
 332 98.0 75.5 113.3
 141 34.7 27.8 41.6

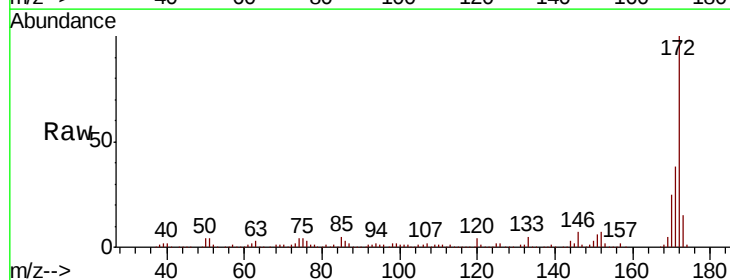


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

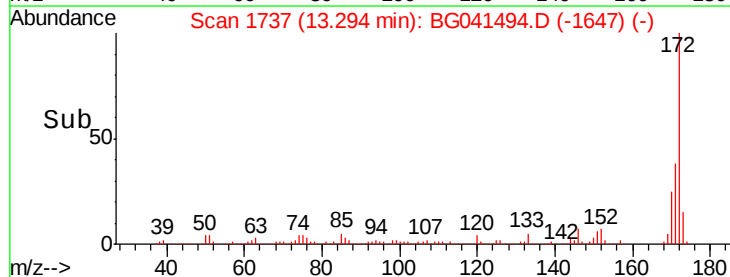
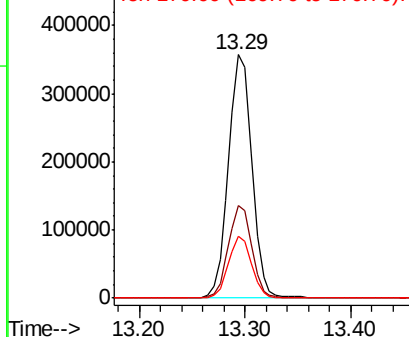


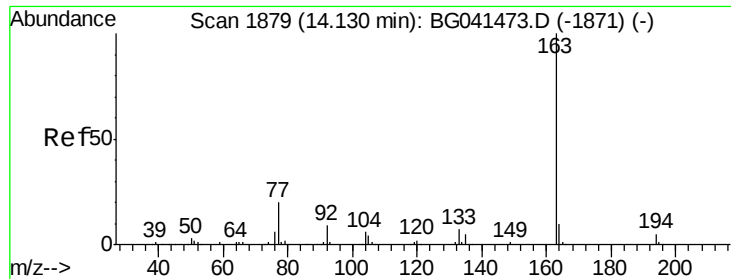
#45
 2-Fluorobiphenyl
 Concen: 89.132 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041494.D
 Acq: 27 Jun 2019 18:57

Tgt Ion:172 Resp: 548581
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.6 44.4
 170 25.4 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: 11.583 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041494.D

Acq: 27 Jun 2019 18:57

Instrument :

BNA_G

ClientSampleId :

M-1

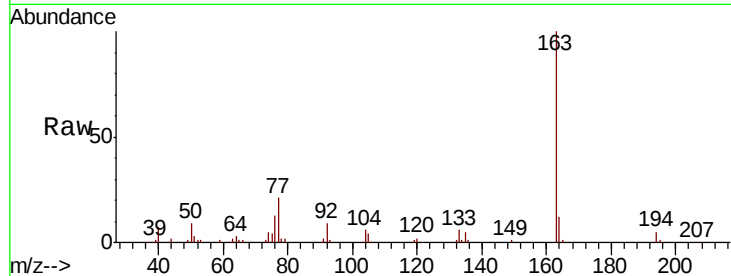
Tgt Ion:163 Resp: 83255

Ion Ratio Lower Upper

163 100

194 5.1 3.7 5.5

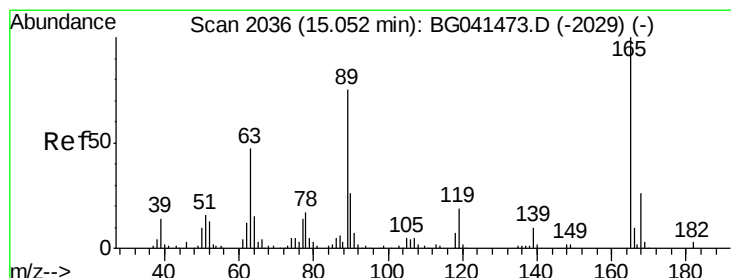
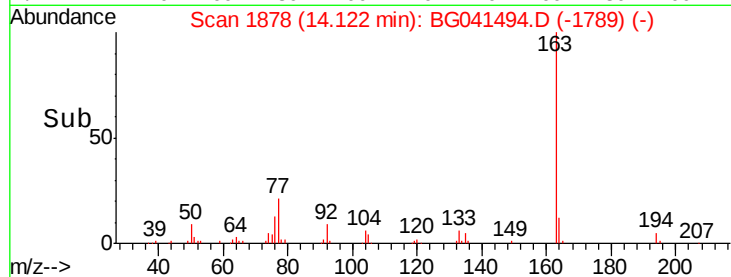
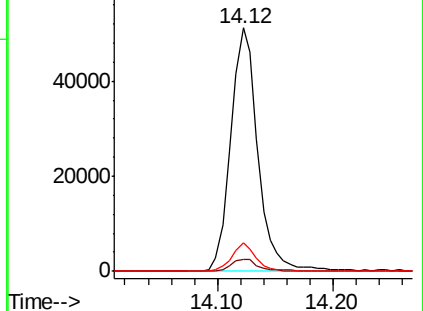
164 11.5 7.8 11.6



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



#57

2,4-Dinitrotoluene

Concen: 4.673 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.38 min

Lab File: BG041494.D

Acq: 27 Jun 2019 18:57

Tgt Ion:165 Resp: 10341

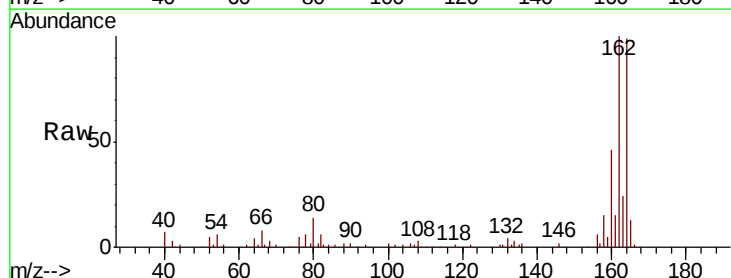
Ion Ratio Lower Upper

165 100

63 3.1 38.8 58.2#

89 0.0 60.1 90.1#

182 0.0 2.2 3.2#

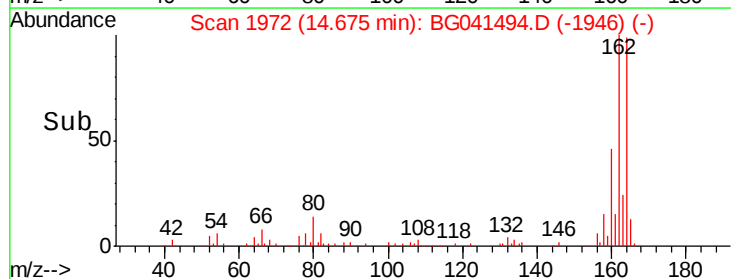
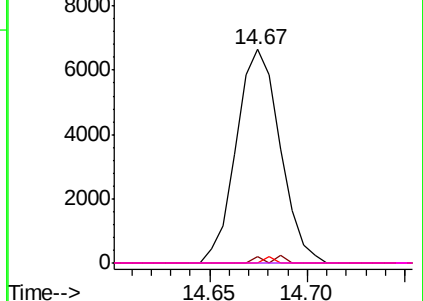


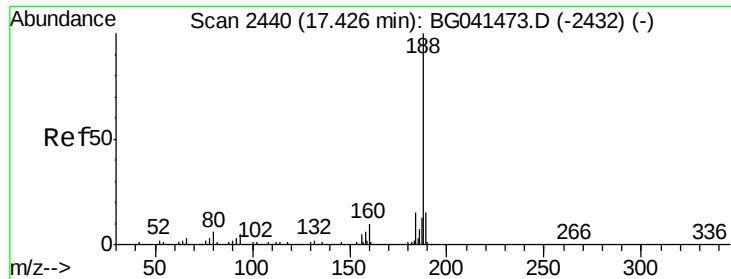
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG041494.D

Acq: 27 Jun 2019 18:57

Instrument :

BNA_G

ClientSampleId :

M-1

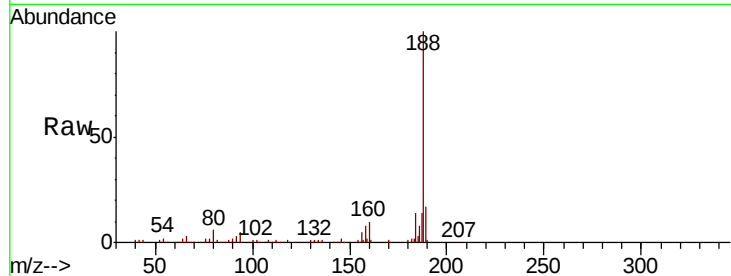
Tgt Ion:188 Resp: 206822

Ion Ratio Lower Upper

188 100

94 5.0 3.8 5.8

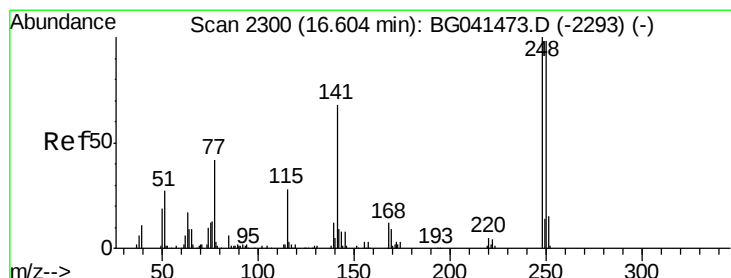
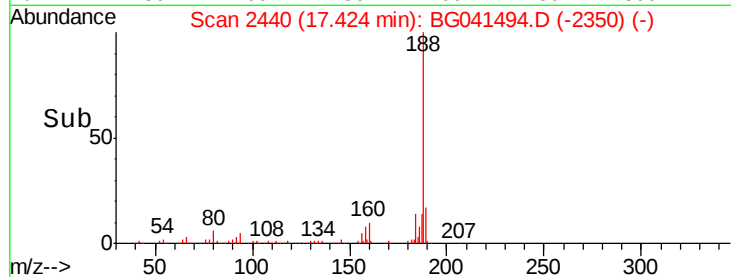
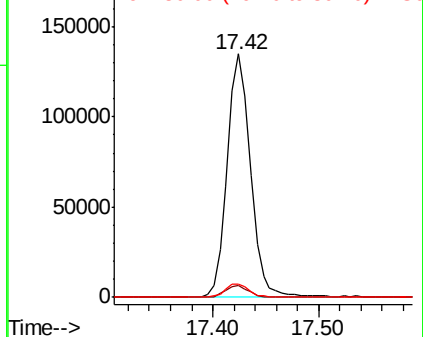
80 5.6 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.418 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.44 min

Lab File: BG041494.D

Acq: 27 Jun 2019 18:57

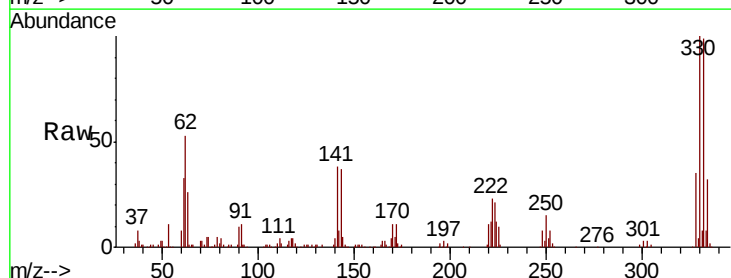
Tgt Ion:248 Resp: 12487

Ion Ratio Lower Upper

248 100

250 196.1 78.1 117.1#

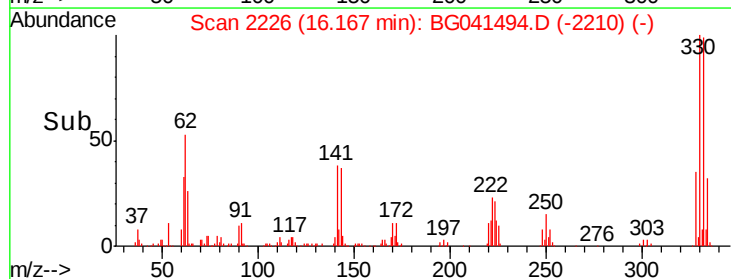
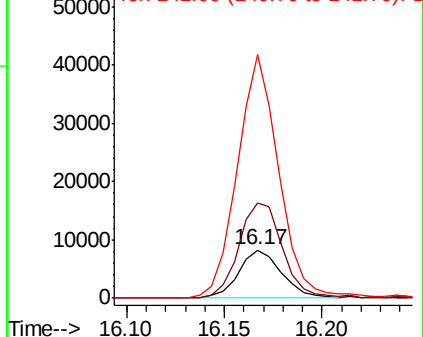
141 504.3 54.1 81.1#

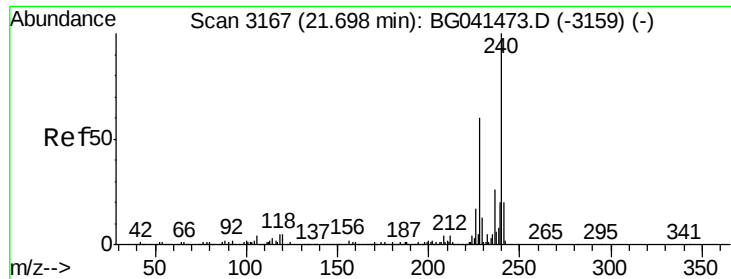


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

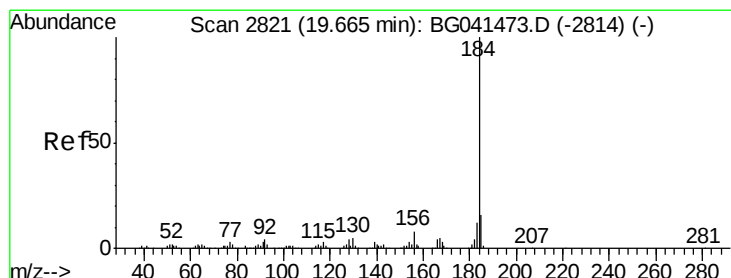
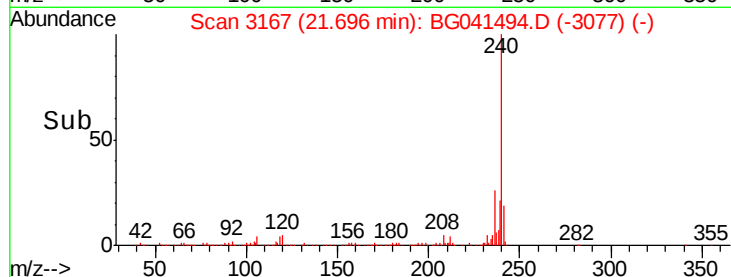
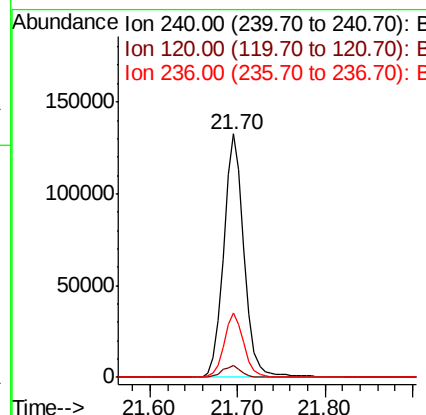
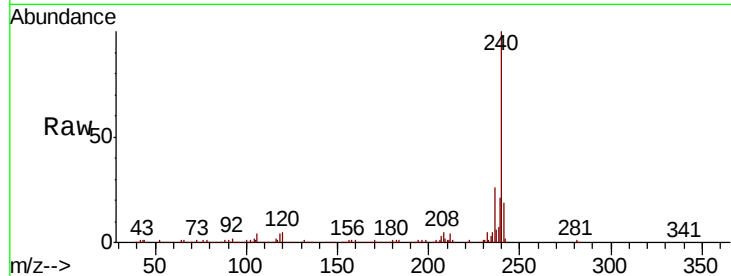




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

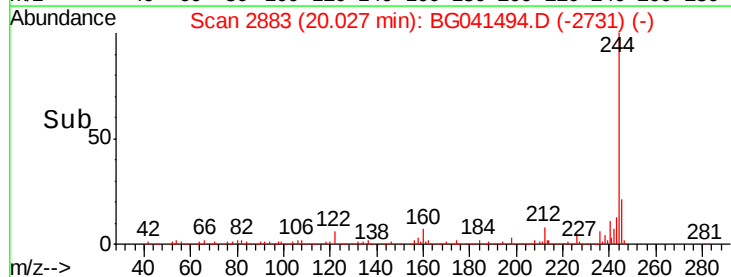
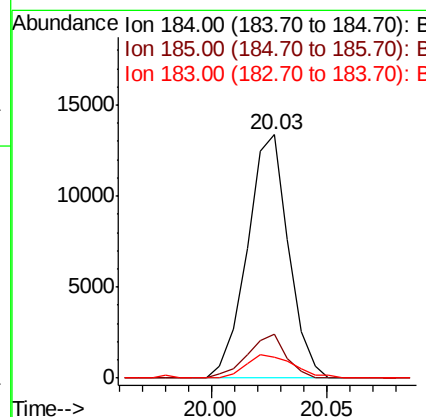
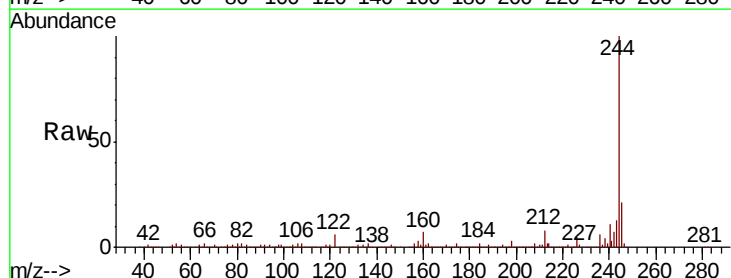
Instrument :
BNA_G
ClientSampleId :
M-1

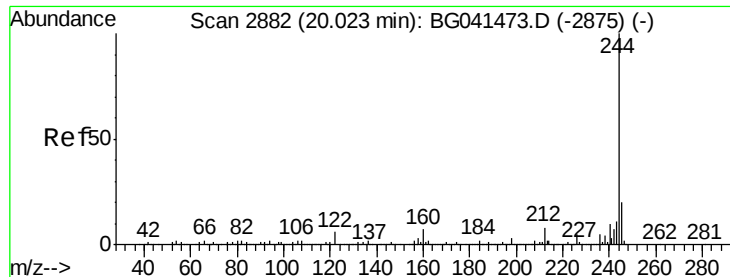
Tgt Ion:240 Resp: 213210
Ion Ratio Lower Upper
240 100
120 4.7 3.7 5.5
236 26.3 20.8 31.2



#77
Benzidine
Concen: 3.515 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.36 min
Lab File: BG041494.D
Acq: 27 Jun 2019 18:57

Tgt Ion:184 Resp: 16628
Ion Ratio Lower Upper
184 100
185 18.1 12.7 19.1
183 8.5 9.4 14.2#





#79

Terphenyl-d14

Concen: 103.459 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041494.D

Acq: 27 Jun 2019 18:57

Instrument :

BNA_G

ClientSampled :

M-1

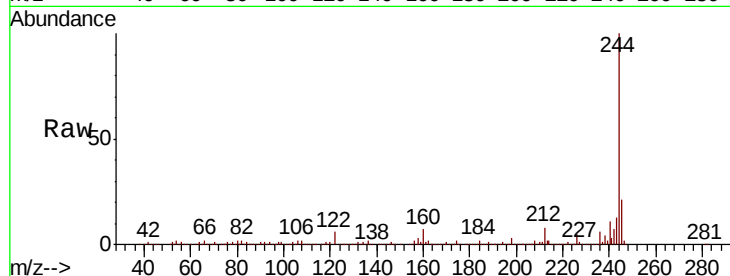
Tgt Ion:244 Resp: 1038010

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

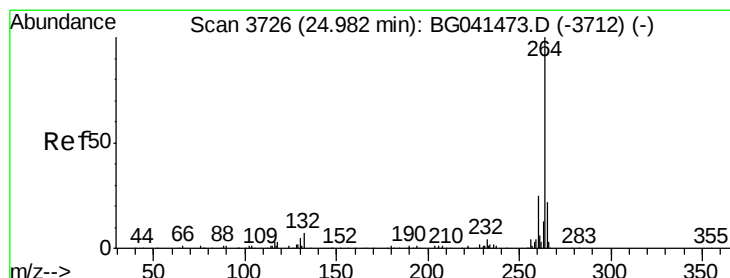
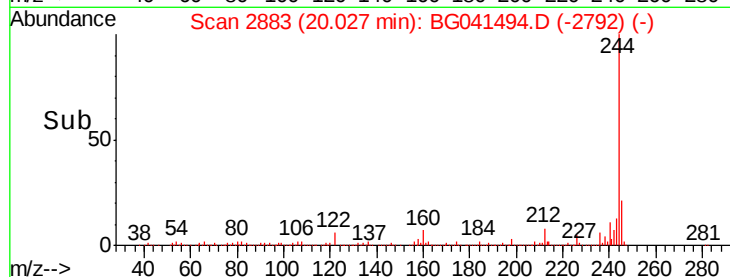
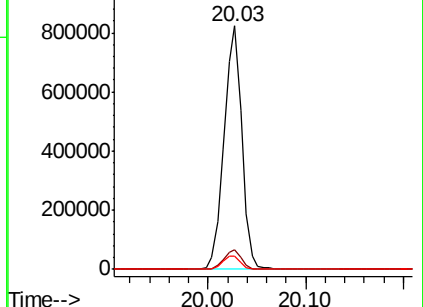
122 5.7 4.8 7.2



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: BG041494.D

Acq: 27 Jun 2019 18:57

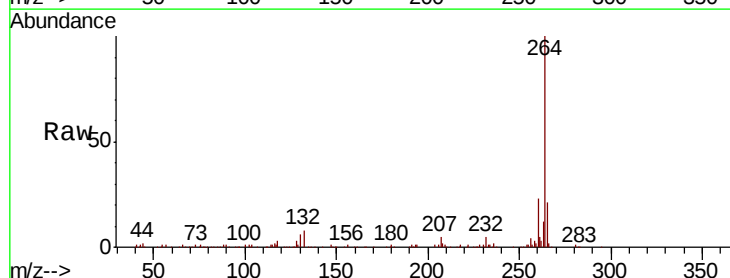
Tgt Ion:264 Resp: 228169

Ion Ratio Lower Upper

264 100

260 23.0 19.7 29.5

265 21.4 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

