

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
 Data File : BG041433.D
 Acq On : 24 Jun 2019 22:30
 Operator : HP/JU
 Sample : K3499-01
 Misc : MDL-WATER-8.0PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1(11-12)

Quant Time: Jun 25 05:09:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

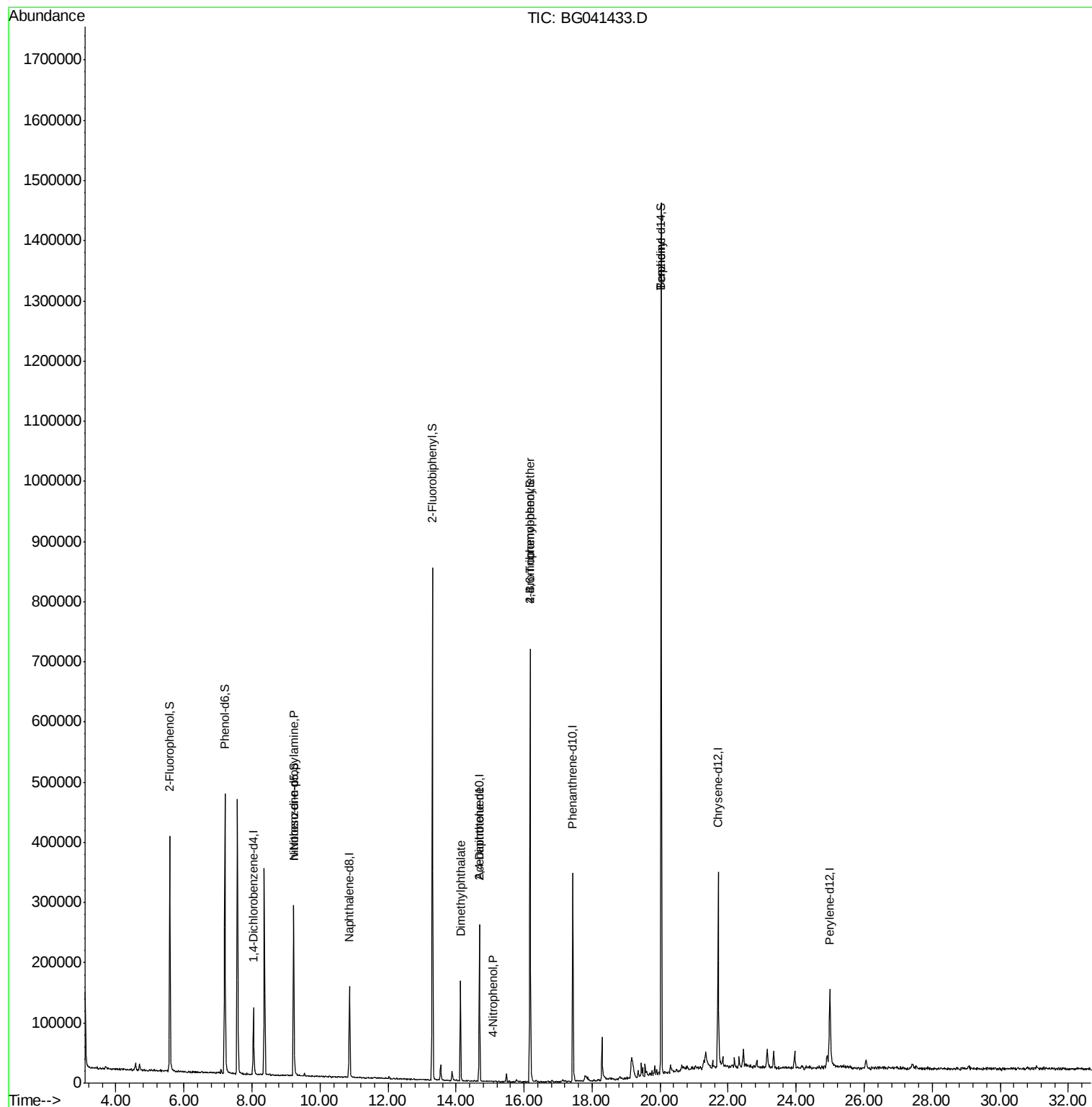
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	30182	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	124076	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	89828	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	214099	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	214166	20.00	ng	-0.04
87) Perylene-d12	24.99	264	164153	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	160741	97.86	ng	-0.03
7) Phenol-d6	7.20	99	248093	104.20	ng	-0.03
23) Nitrobenzene-d5	9.23	82	184576	62.56	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	137233	99.51	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	434546	65.75	ng	-0.03
79) Terphenyl-d14	20.03	244	721527	66.77	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	26140	13.574	ng	Qvalue # 72
50) Dimethylphthalate	14.13	163	109667	13.721	ng	99
56) 4-Nitrophenol	15.09	139	60	3.261	ng	# 1
57) 2,4-Dinitrotoluene	14.68	165	11186	4.541	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	9358	3.380	ng	# 1
77) Benzidine	20.03	184	11448	2.210	ng	99

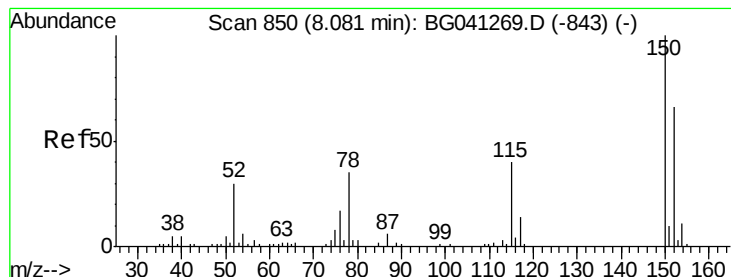
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.04 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Instrument :

BNA_G

ClientSampleId :

B-1(11-12)

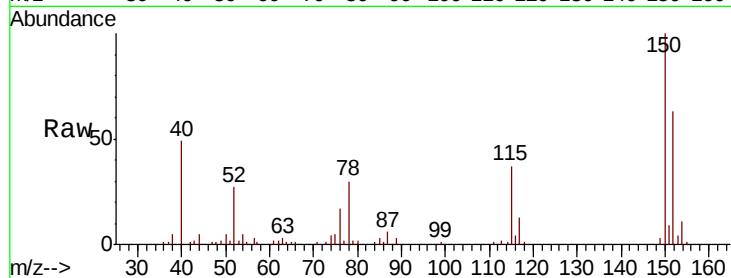
Tgt Ion:152 Resp: 30182

Ion Ratio Lower Upper

152 100

150 158.1 120.6 181.0

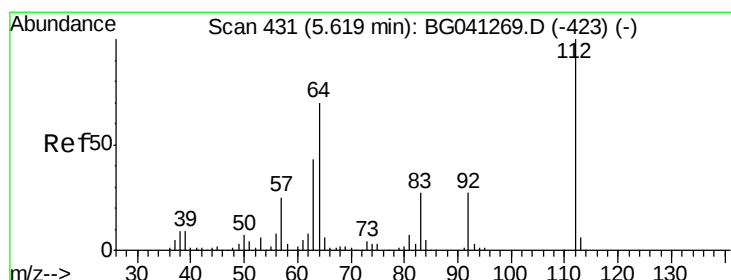
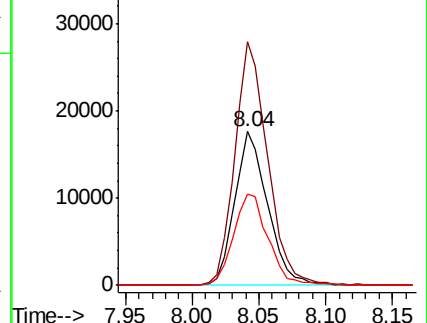
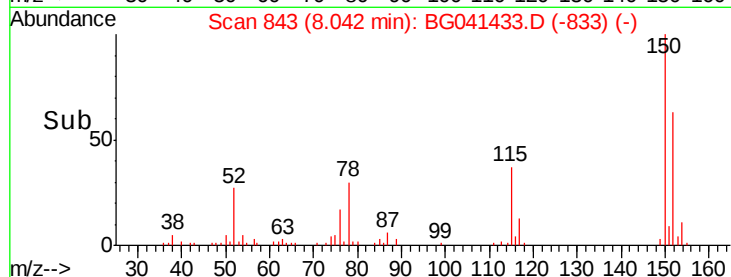
115 59.2 47.9 71.9



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: 97.856 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

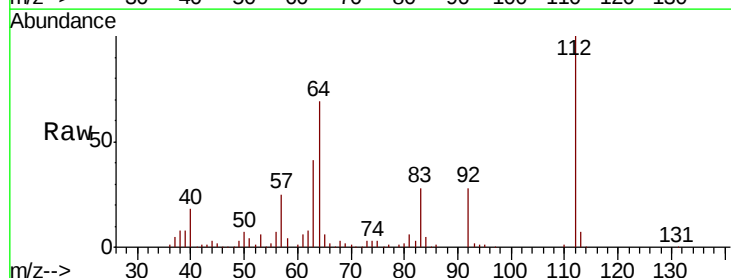
Tgt Ion:112 Resp: 160741

Ion Ratio Lower Upper

112 100

64 68.9 55.9 83.9

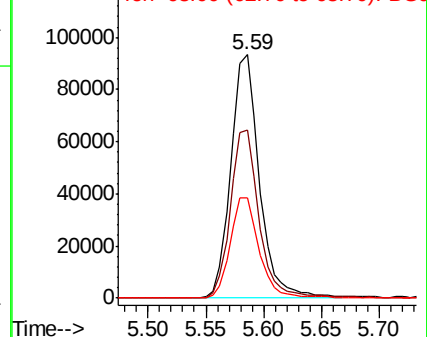
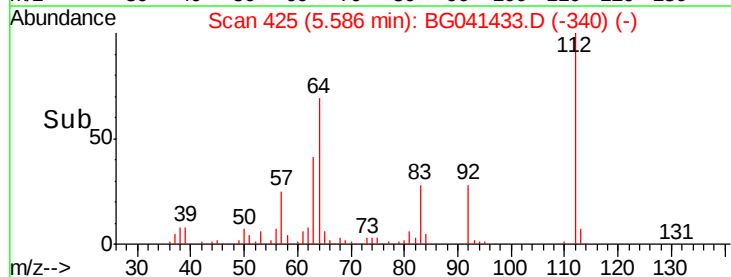
63 41.3 34.6 51.8

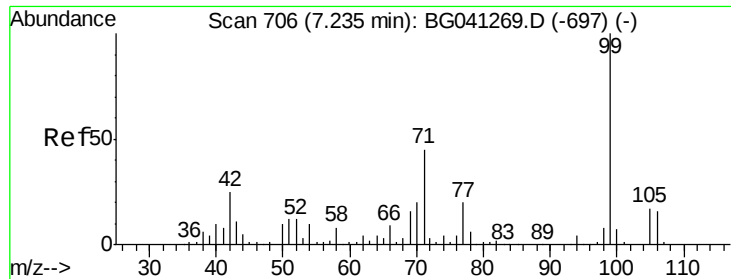


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.196 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Instrument :

BNA_G

ClientSampleId :

B-1(11-12)

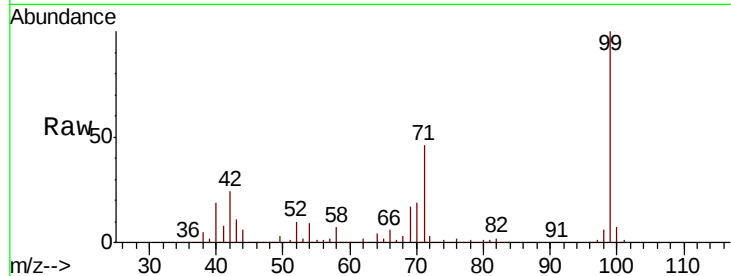
Tgt Ion: 99 Resp: 248093

Ion Ratio Lower Upper

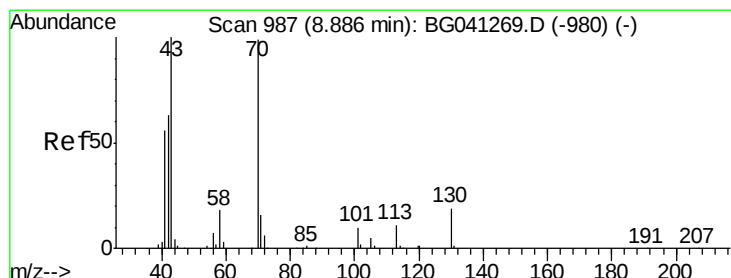
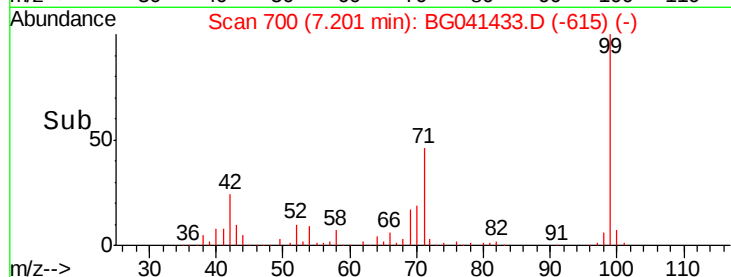
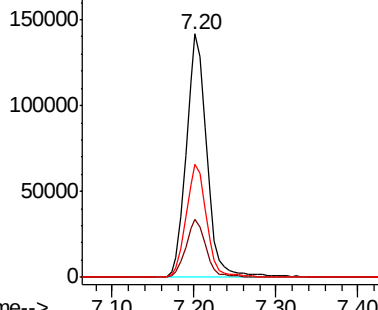
99 100

42 23.9 19.9 29.9

71 46.4 36.4 54.6



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: 13.574 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.34 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Tgt Ion: 70 Resp: 26140

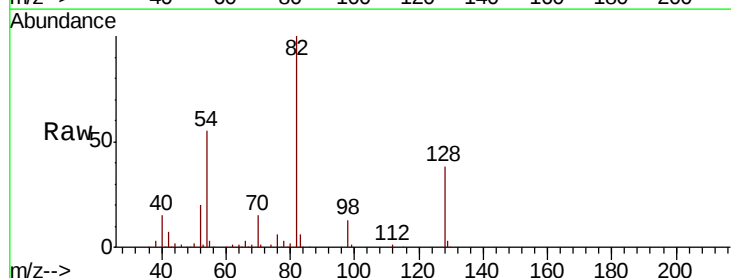
Ion Ratio Lower Upper

70 100

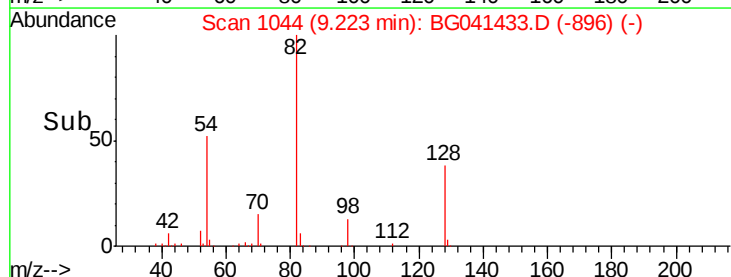
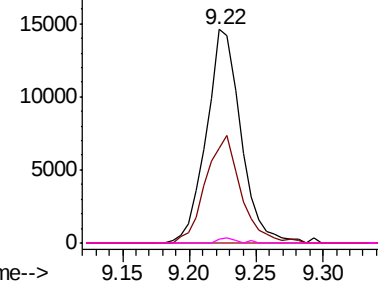
42 44.4 51.4 77.2#

101 0.0 8.2 12.2#

130 1.7 15.2 22.8#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

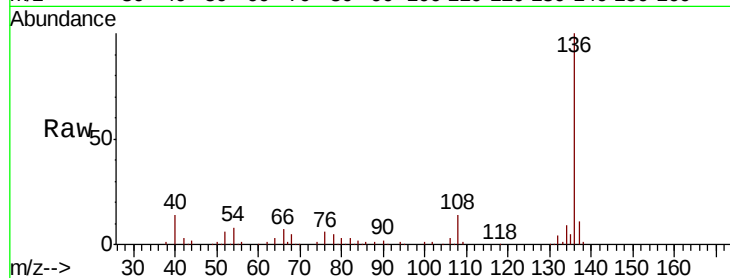




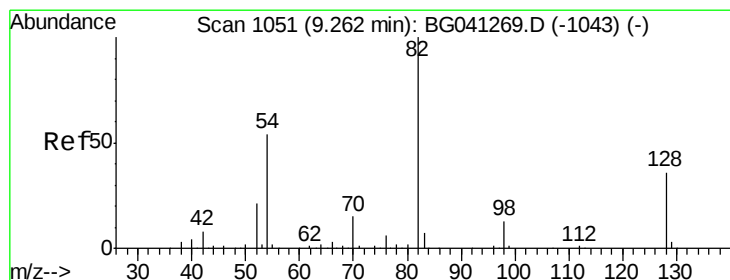
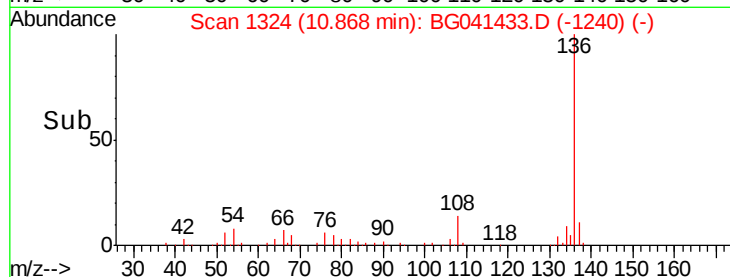
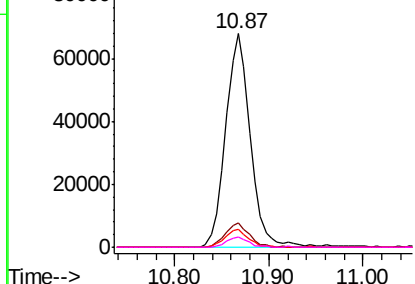
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

Instrument :
BNA_G
ClientSampleId :
B-1(11-12)

Tgt Ion:	136	Resp:	124076
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.1	6.4	9.6
68	5.1	4.8	7.2

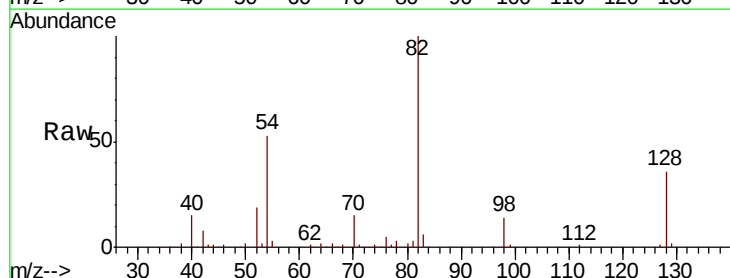


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

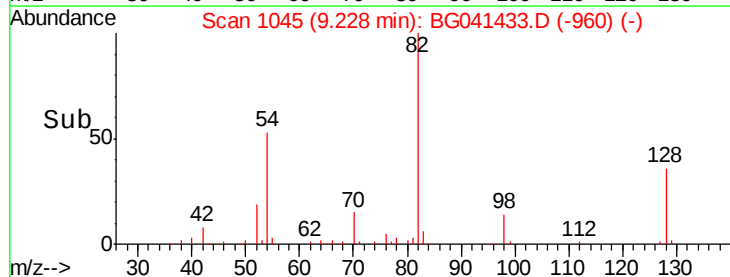
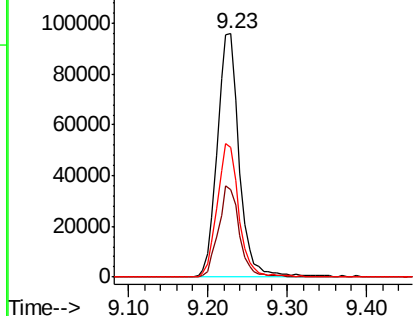


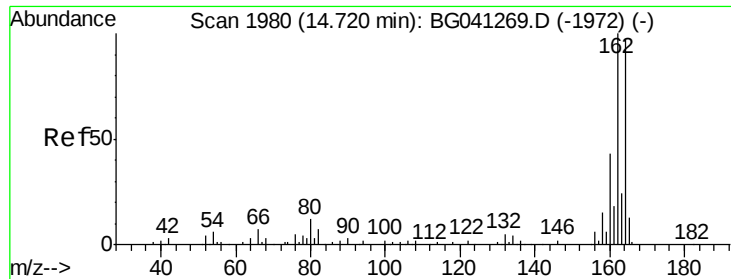
#23
Nitrobenzene-d5
Concen: 62.563 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

Tgt Ion:	82	Resp:	184576
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.2	43.8
54	53.1	43.4	65.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Instrument :

BNA_G

ClientSampleId :

B-1(11-12)

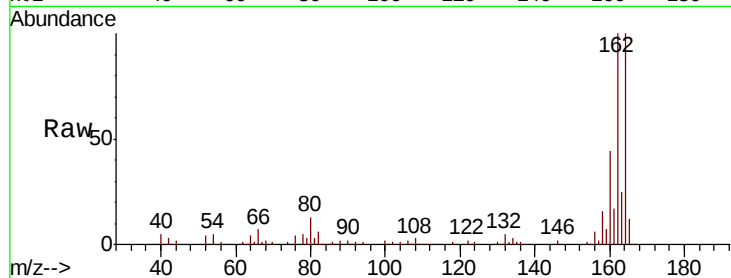
Tgt Ion:164 Resp: 89828

Ion Ratio Lower Upper

164 100

162 99.8 82.8 124.2

160 44.1 35.8 53.8

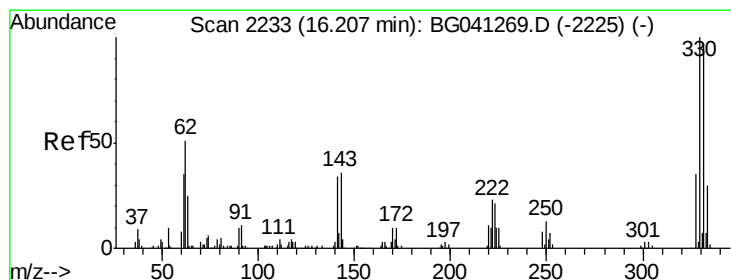
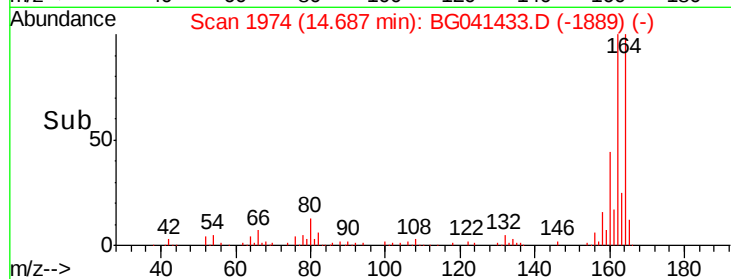
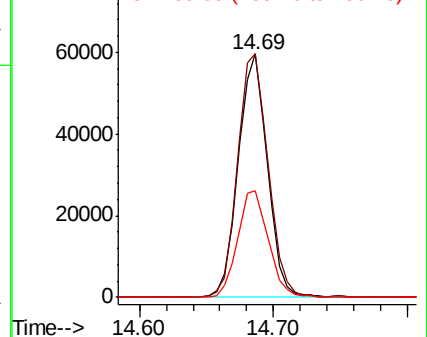


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 99.512 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

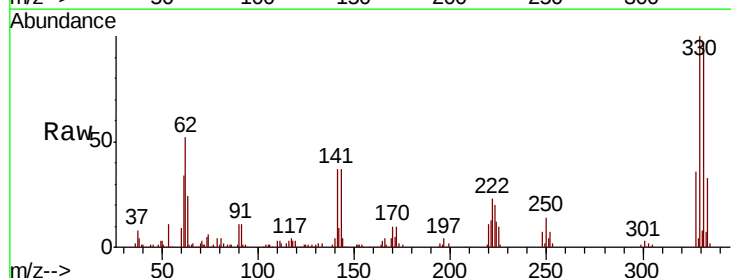
Tgt Ion:330 Resp: 137233

Ion Ratio Lower Upper

330 100

332 96.9 75.5 113.3

141 35.2 29.0 43.4

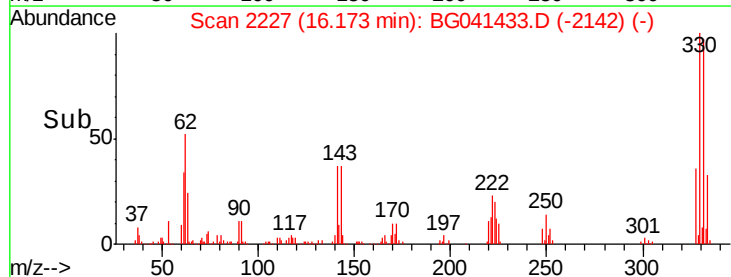
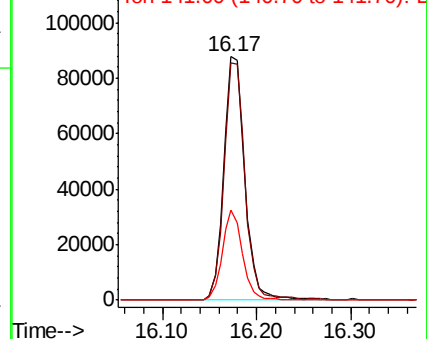


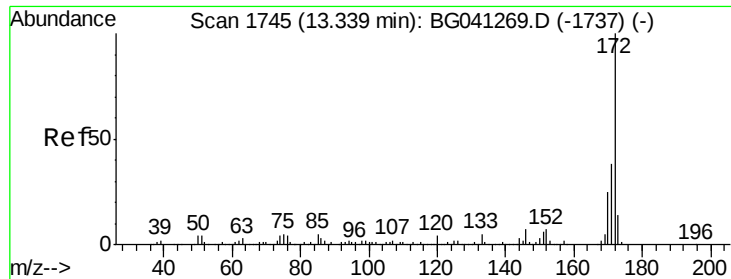
Abundance

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

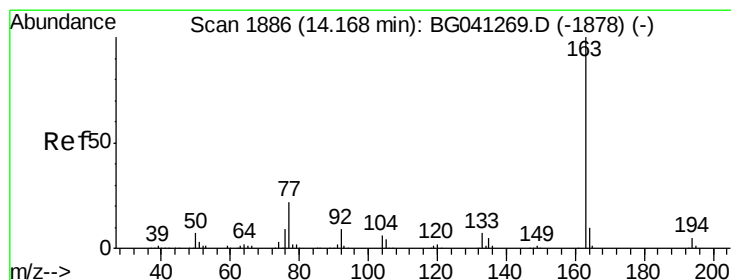
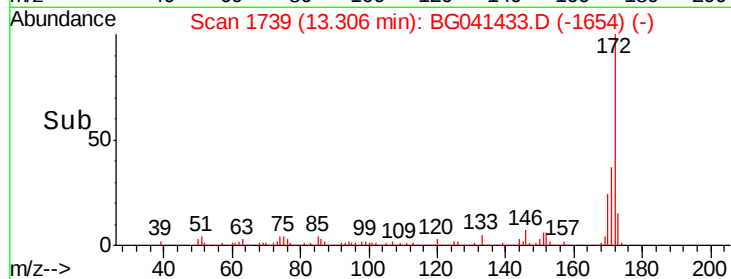
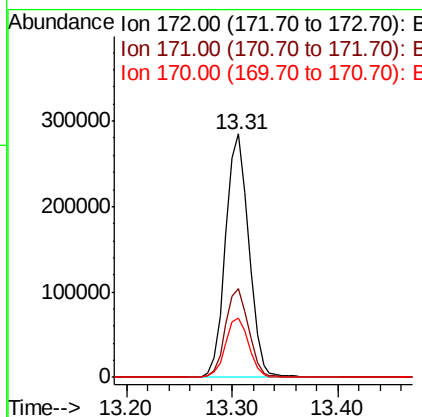
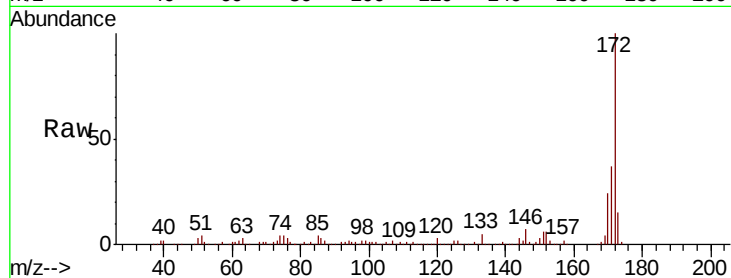




#45
2-Fluorobiphenyl
Concen: 65.750 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

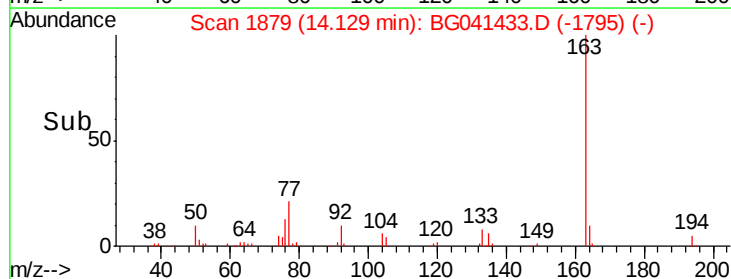
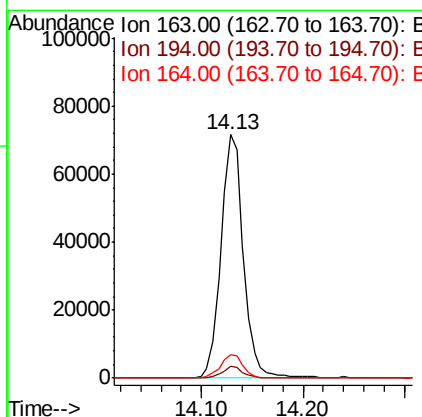
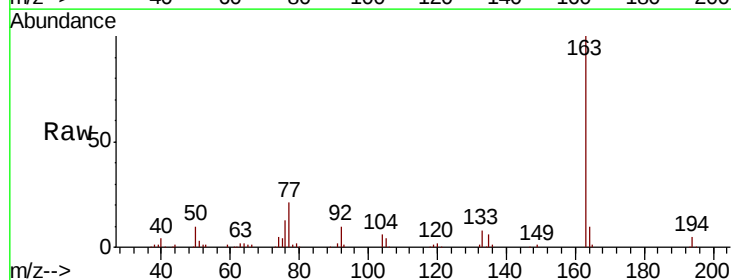
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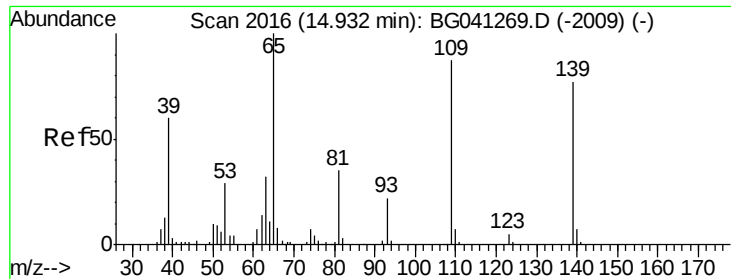
Tgt Ion:172 Resp: 434546
Ion Ratio Lower Upper
172 100
171 36.6 30.0 45.0
170 24.4 19.8 29.6



#50
Dimethylphthalate
Concen: 13.721 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

Tgt Ion:163 Resp: 109667
Ion Ratio Lower Upper
163 100
194 5.1 3.9 5.9
164 9.7 8.3 12.5

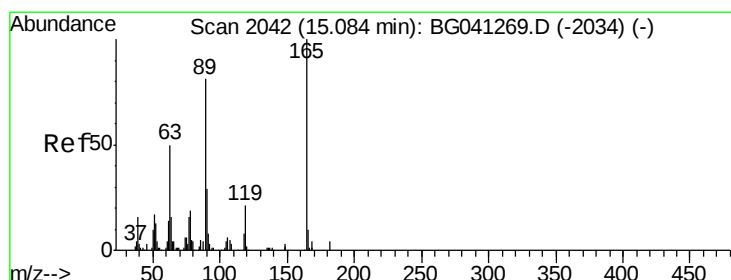
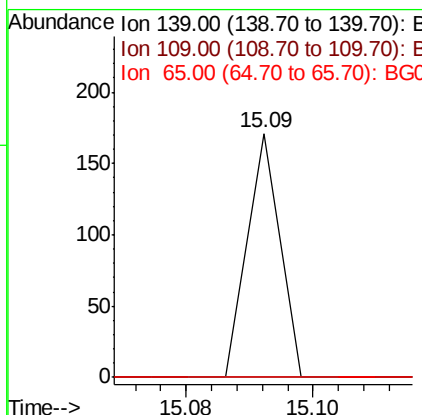
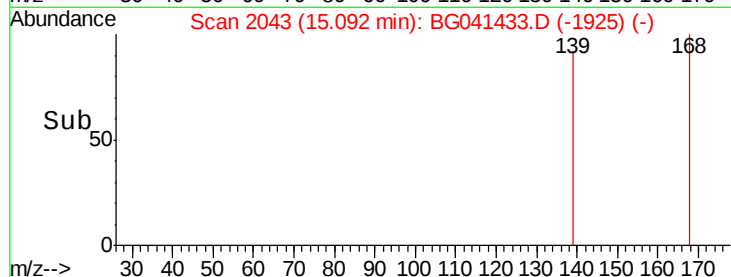
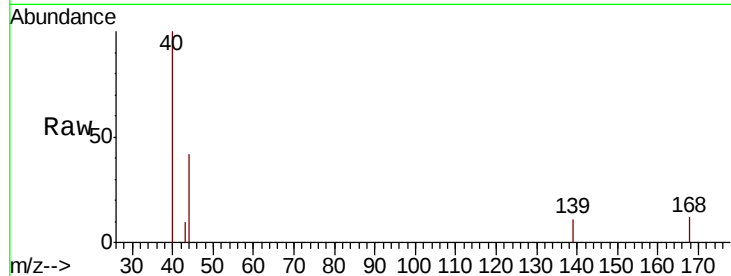




#56
4-Nitrophenol
Concen: 3.261 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.16 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

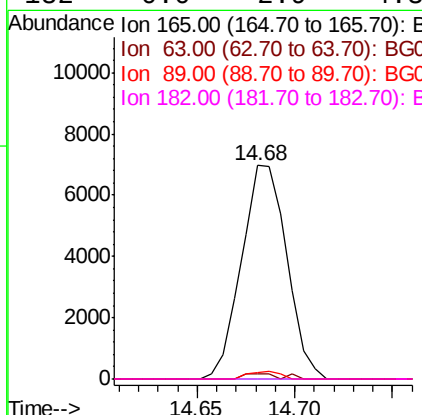
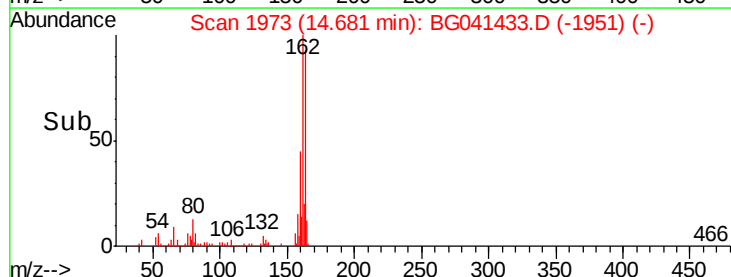
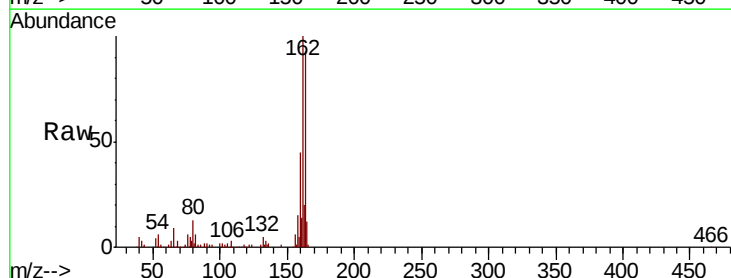
Instrument :
BNA_G
ClientSampleId :
B-1(11-12)

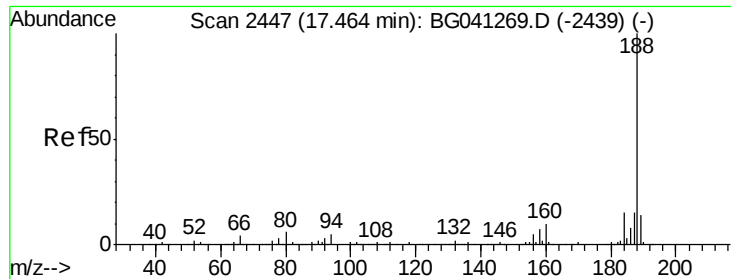
Tgt Ion:139 Resp: 60
Ion Ratio Lower Upper
139 100
109 0.0 93.2 133.2#
65 0.0 110.2 150.2#



#57
2,4-Dinitrotoluene
Concen: 4.541 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.40 min
Lab File: BG041433.D
Acq: 24 Jun 2019 22:30

Tgt Ion:165 Resp: 11186
Ion Ratio Lower Upper
165 100
63 2.3 40.0 60.0#
89 3.1 64.6 96.8#
182 0.0 2.9 4.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Instrument :

BNA_G

ClientSampleId :

B-1(11-12)

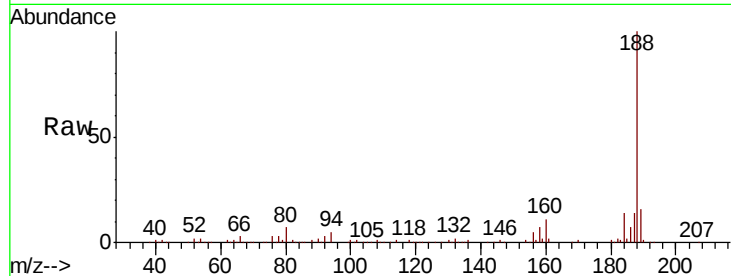
Tgt Ion:188 Resp: 214099

Ion Ratio Lower Upper

188 100

94 5.3 3.6 5.4

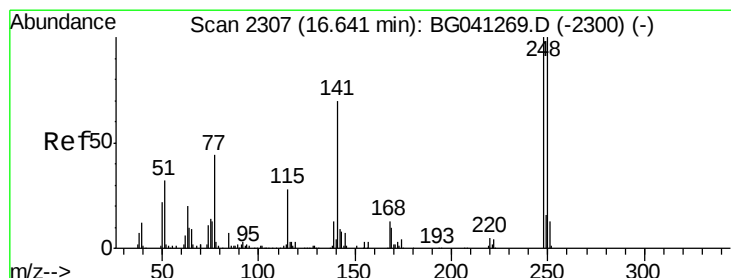
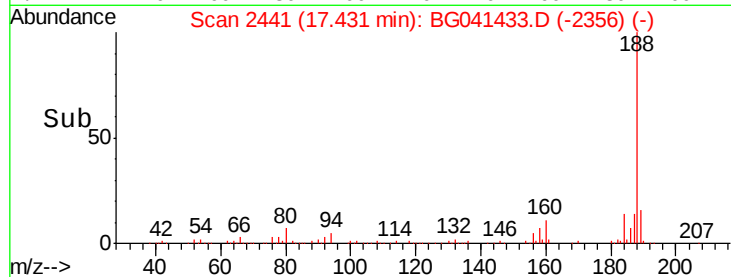
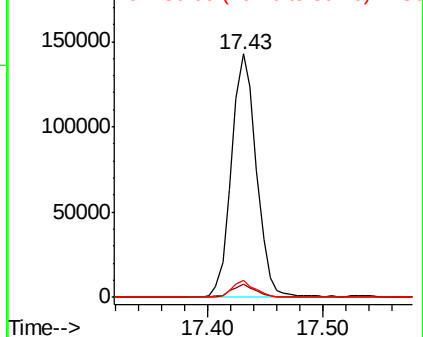
80 6.8 4.8 7.2



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: 3.380 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.46 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

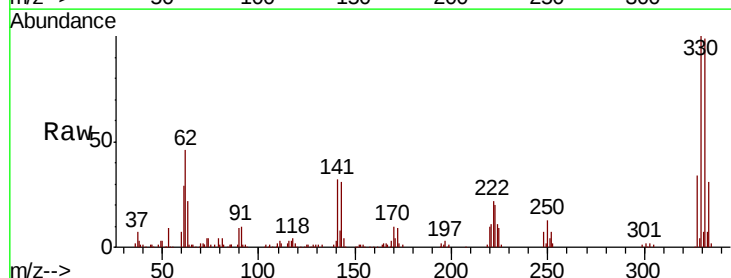
Tgt Ion:248 Resp: 9358

Ion Ratio Lower Upper

248 100

250 183.4 79.8 119.8#

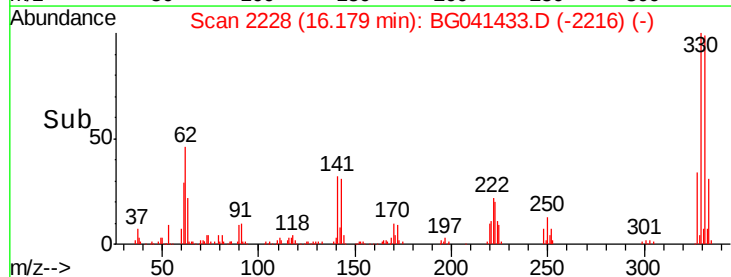
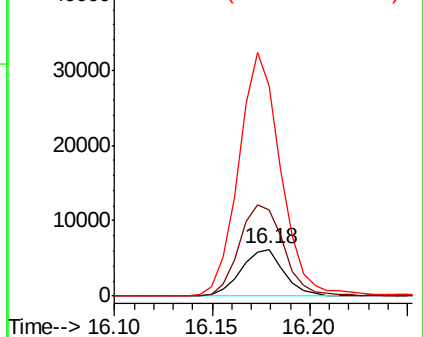
141 449.4 55.8 83.6#

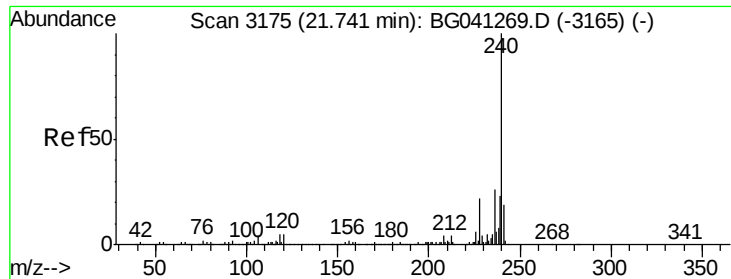


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3168

Delta R.T. -0.04 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Instrument :

BNA_G

ClientSampleId :

B-1(11-12)

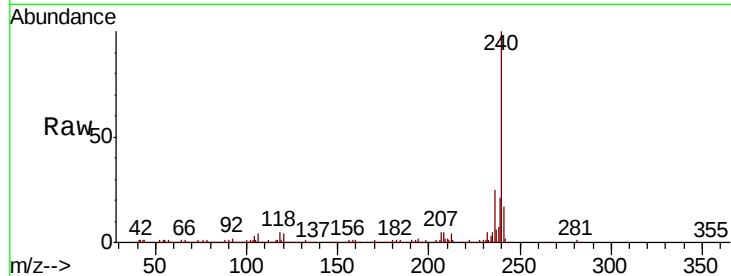
Tgt Ion:240 Resp: 214166

Ion Ratio Lower Upper

240 100

120 4.4 3.7 5.5

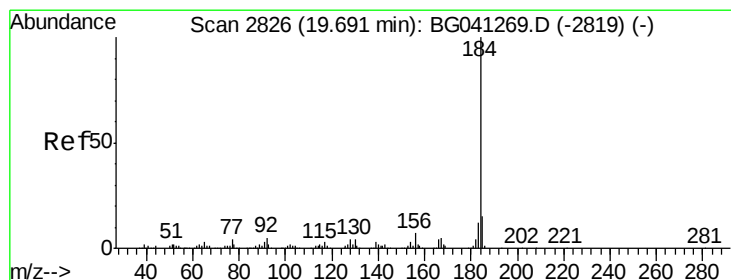
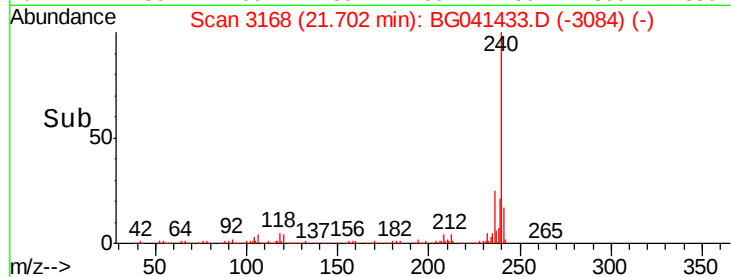
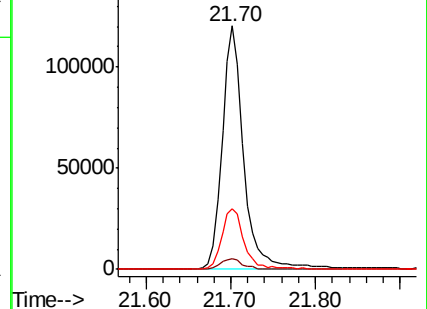
236 24.8 21.1 31.7



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



#77

Benzidine

Concen: 2.210 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.34 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

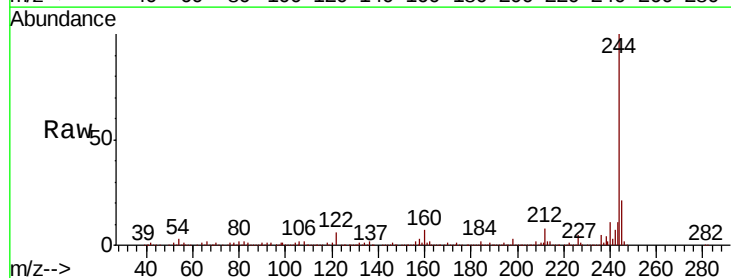
Tgt Ion:184 Resp: 11448

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

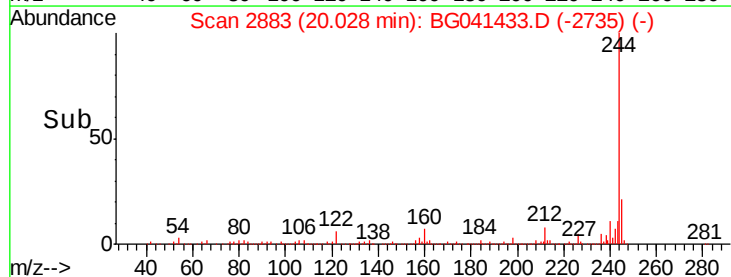
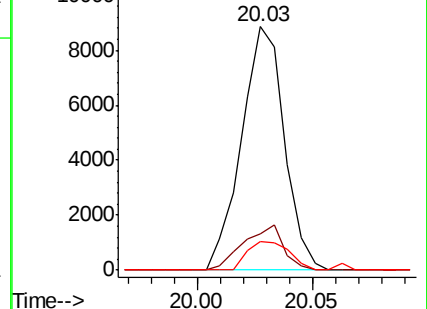
183 12.0 9.6 14.4

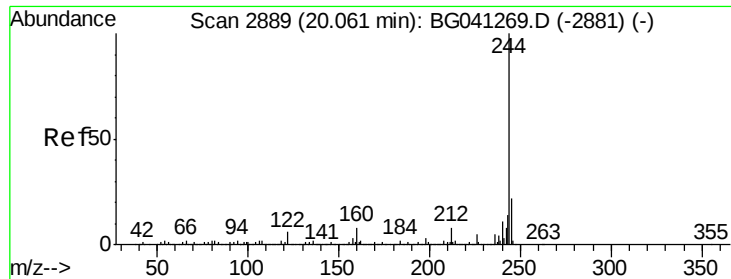


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 66.767 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

Instrument :

BNA_G

ClientSampleId :

B-1(11-12)

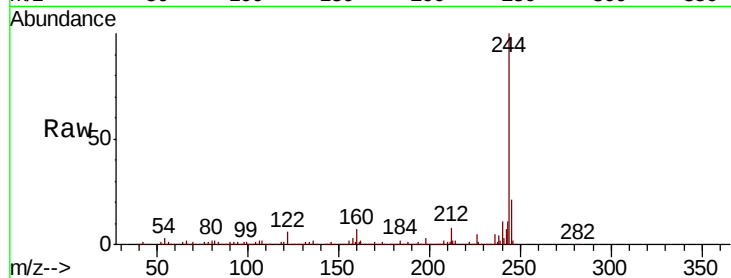
Tgt Ion:244 Resp: 721527

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

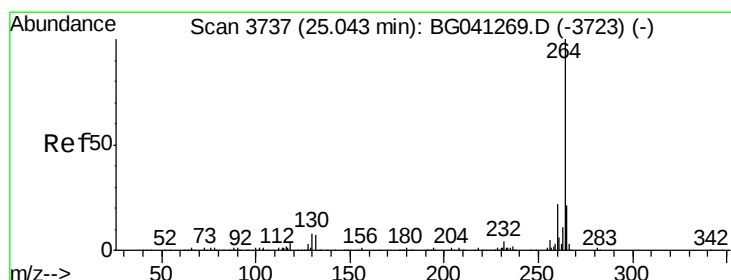
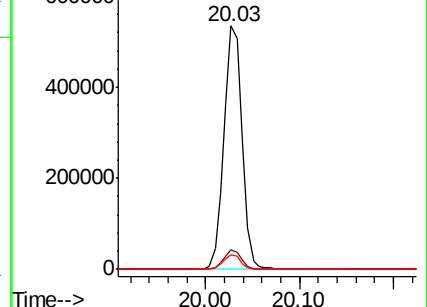
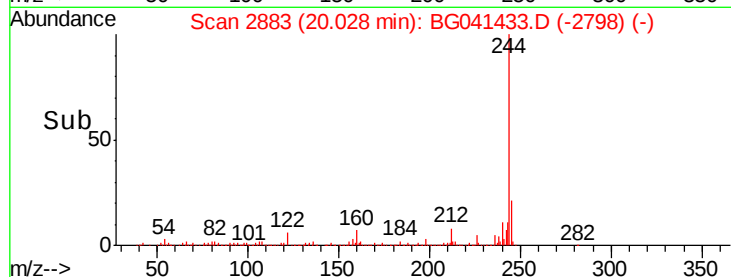
122 5.9 5.0 7.4



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: 24.99 min Scan# 3728

Delta R.T. -0.05 min

Lab File: BG041433.D

Acq: 24 Jun 2019 22:30

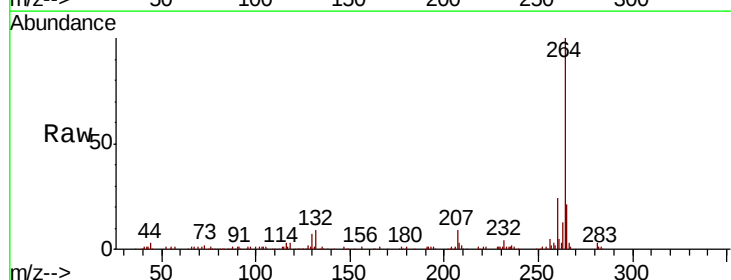
Tgt Ion:264 Resp: 164153

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.2

265 20.7 17.2 25.8



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

