

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041309.D
 Acq On : 18 Jun 2019 22:32
 Operator : HP/JU
 Sample : K3419-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 05:41:12 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

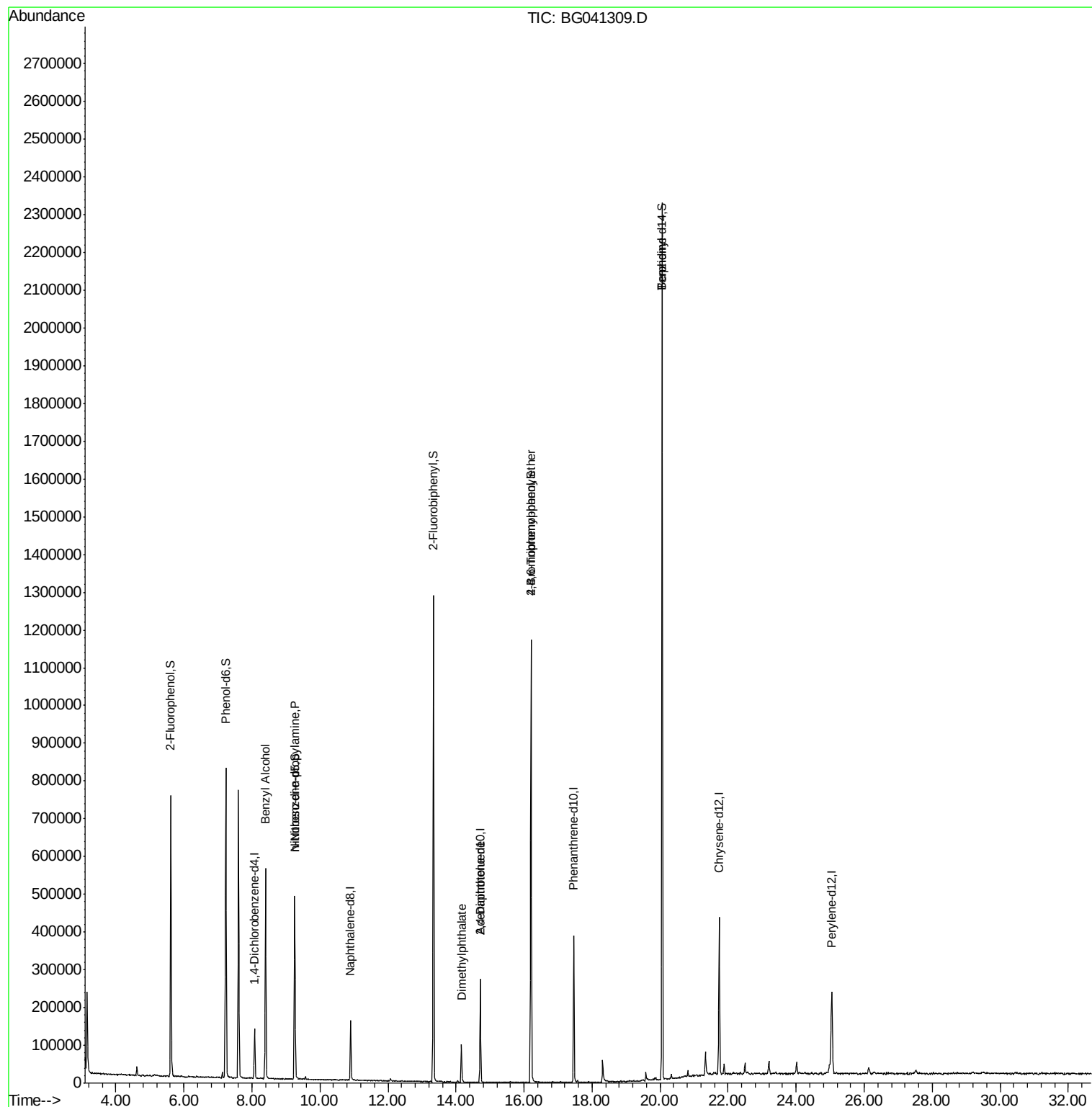
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34463	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	130865	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	97855	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	245431	20.00	ng	0.00
76) Chrysene-d12	21.73	240	250431	20.00	ng	0.00
87) Perylene-d12	25.04	264	257230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	279880	149.22	ng	0.00
7) Phenol-d6	7.23	99	412936	151.89	ng	0.00
23) Nitrobenzene-d5	9.26	82	290445	93.34	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	213658	142.22	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	638431	88.67	ng	0.00
79) Terphenyl-d14	20.06	244	1046259	82.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.40	79	5658	2.172	ng	# 60
19) n-Nitroso-di-n-propylamine	9.26	70	42304	19.239	ng	# 80
50) Dimethylphthalate	14.16	163	65987	7.579	ng	100
57) 2,4-Dinitrotoluene	14.71	165	12299	4.583	ng	# 18
67) 4-Bromophenyl-phenylether	16.20	248	15734	4.958	ng	# 1
77) Benzidine	20.06	184	18247	3.012	ng	# 93

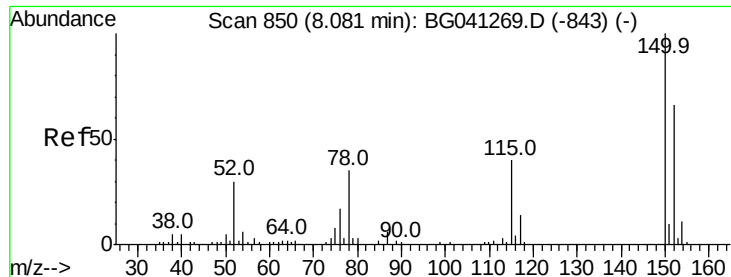
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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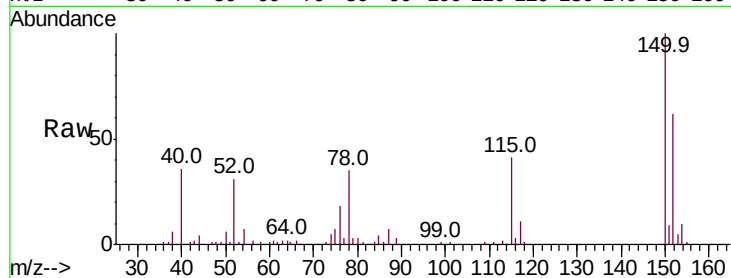


#1

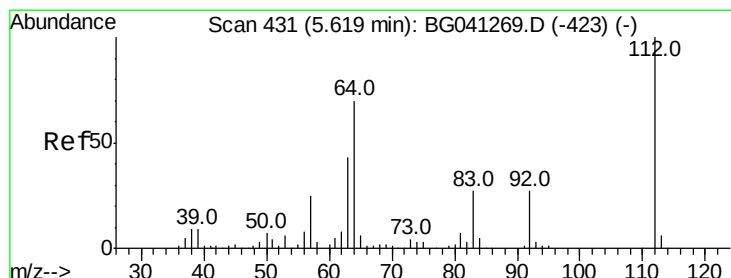
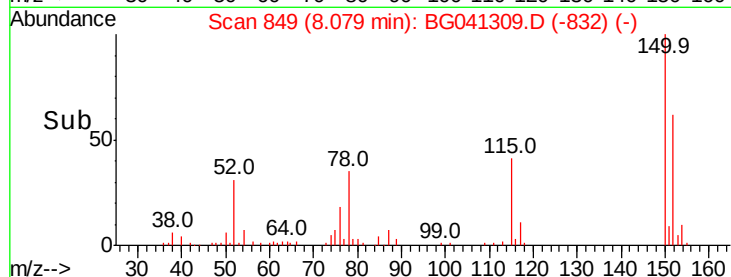
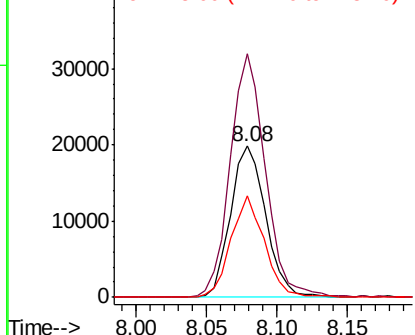
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041309.D
Acq: 18 Jun 2019 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34463
Ion Ratio Lower Upper
152 100
150 161.2 120.6 181.0
115 66.8 47.9 71.9



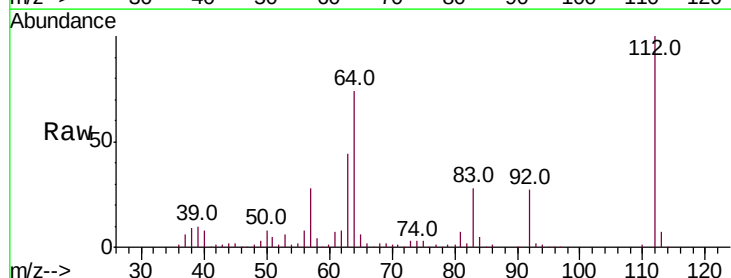
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



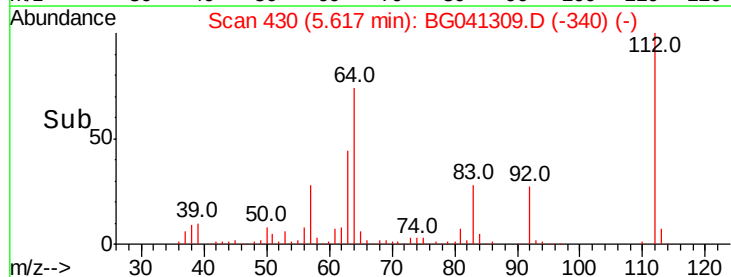
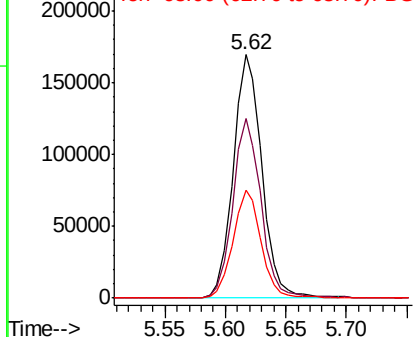
#5

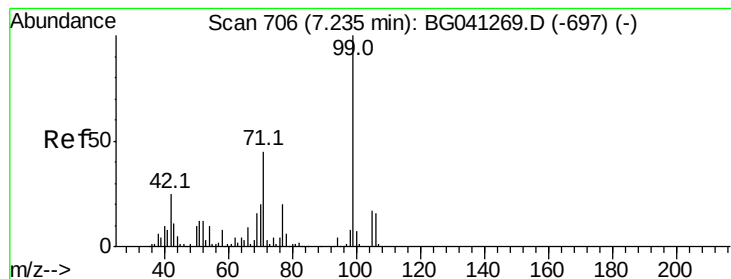
2-Fluorophenol
Concen: 149.220 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041309.D
Acq: 18 Jun 2019 22:32

Tgt Ion:112 Resp: 279880
Ion Ratio Lower Upper
112 100
64 73.7 55.9 83.9
63 44.1 34.6 51.8



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: 151.885 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

Instrument :

BNA_G

ClientSampleId :

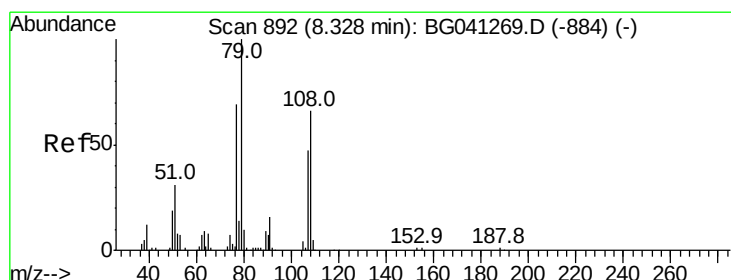
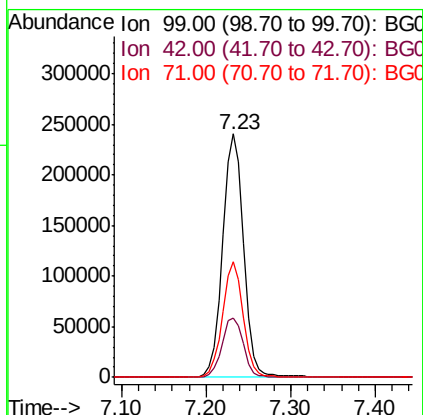
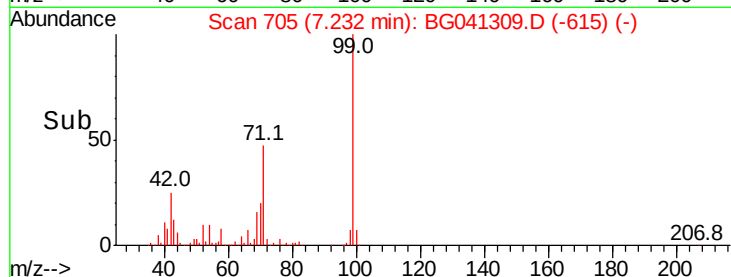
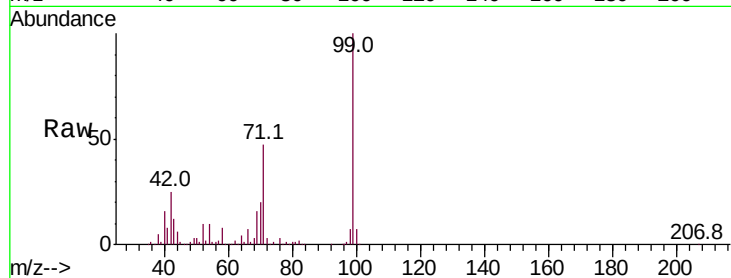
Tot Ion: 99 Resp: 412936

Ion Ratio Lower Upper

99 100

42 24.6 19.9 29.9

71 47.3 36.4 54.6



#15

Benzyl Alcohol

Concen: 2.172 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.07 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

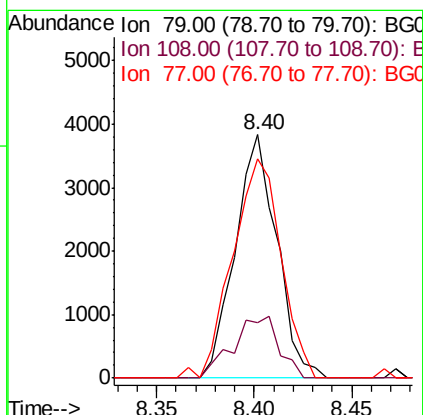
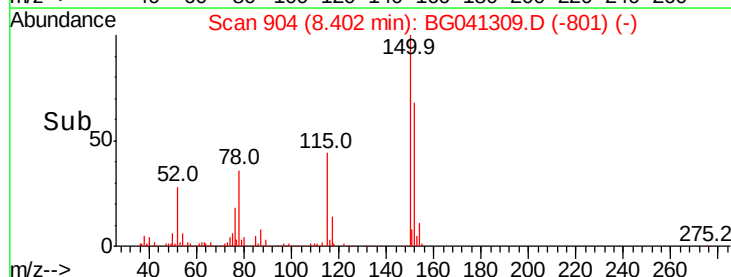
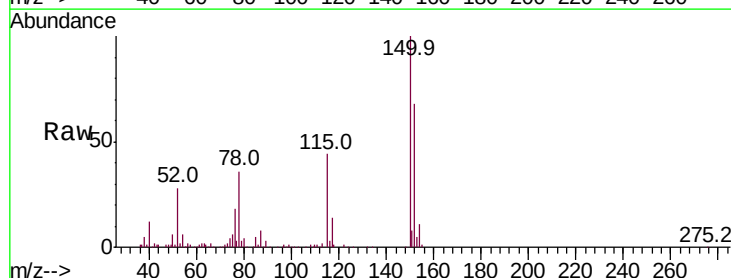
Tgt Ion: 79 Resp: 5658

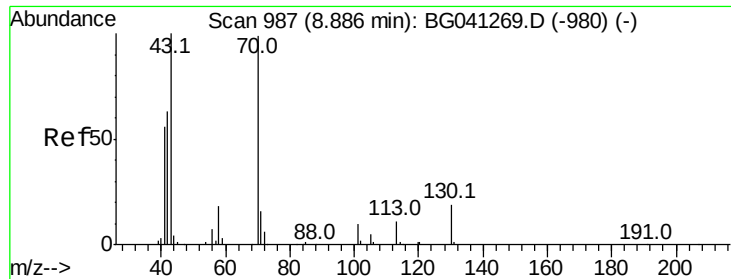
Ion Ratio Lower Upper

79 100

108 22.9 52.7 79.1#

77 90.2 55.2 82.8#

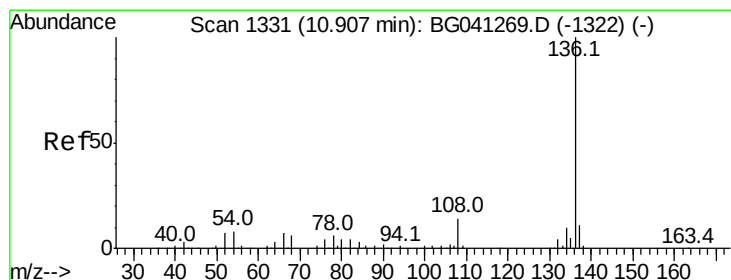
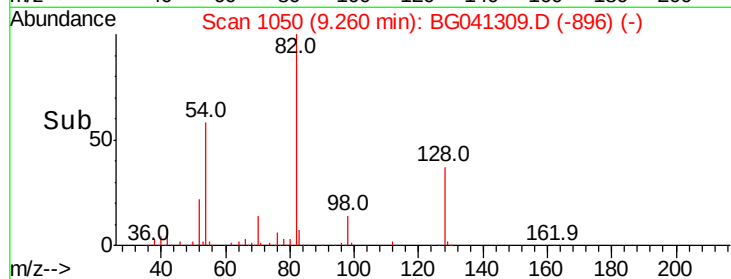
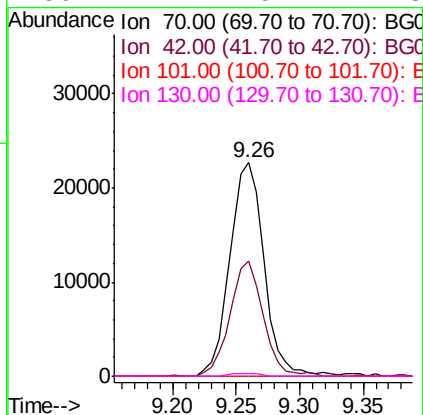
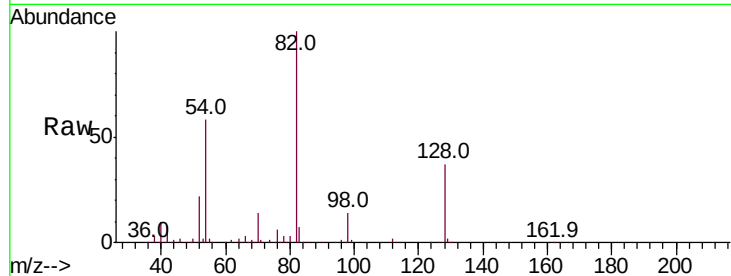




#19
n-Nitroso-di-n-propylamine
Concen: 19.239 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.37 min
Lab File: BG041309.D
Acq: 18 Jun 2019 22:32

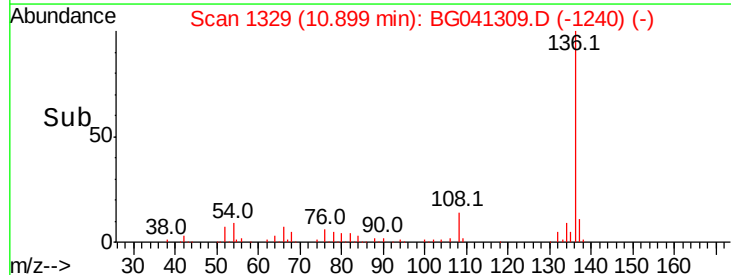
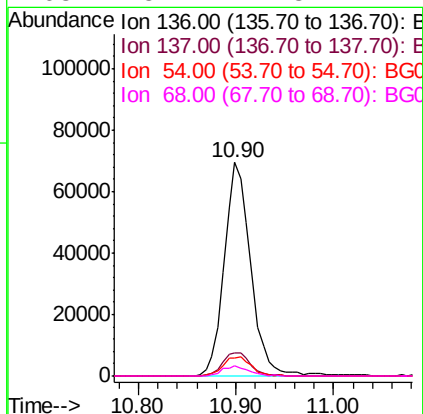
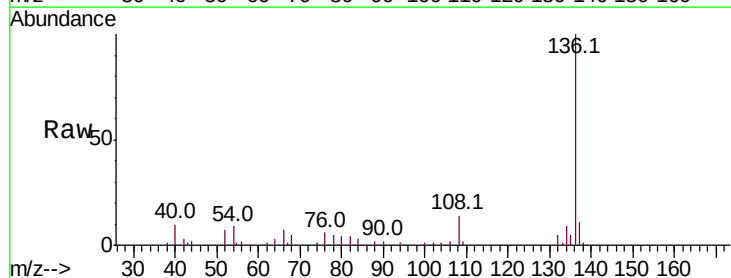
Instrument :
BNA_G
ClientSampleId :

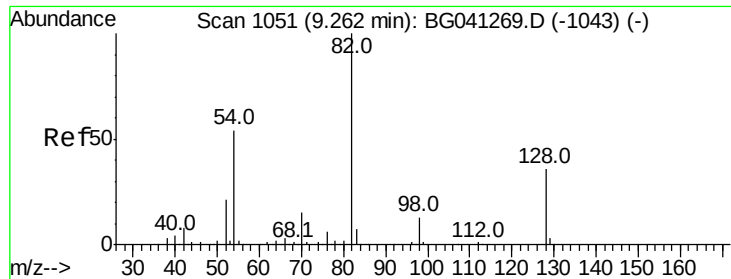
Tot Ion: 70 Resp: 42304
Ion Ratio Lower Upper
70 100
42 54.0 51.4 77.2
101 0.0 8.2 12.2#
130 1.4 15.2 22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041309.D
Acq: 18 Jun 2019 22:32

Tgt Ion: 136 Resp: 130865
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.4 6.4 9.6
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.341 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

Instrument :

BNA_G

ClientSampleId :

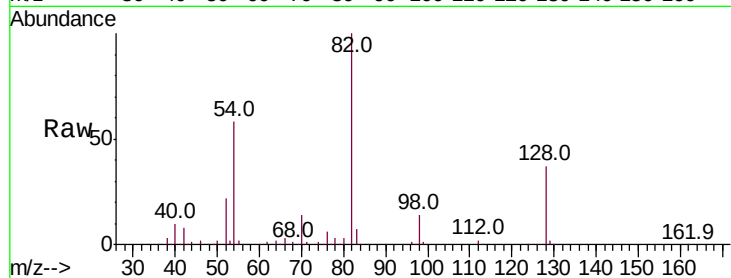
Tot Ion: 82 Resp: 290445

Ion Ratio Lower Upper

82 100

128 37.5 29.2 43.8

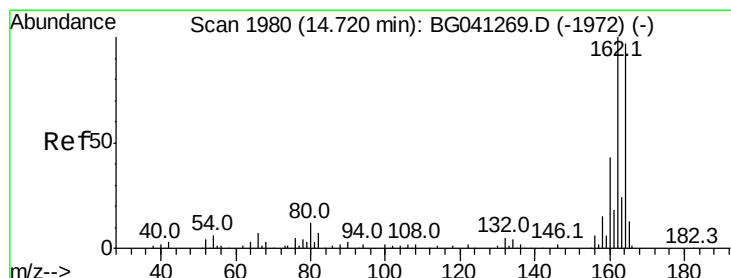
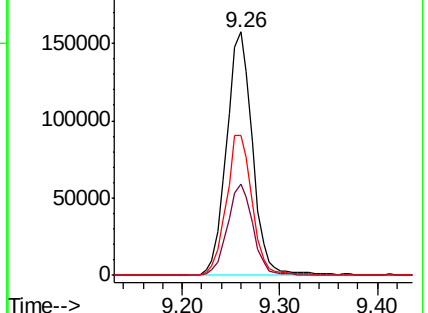
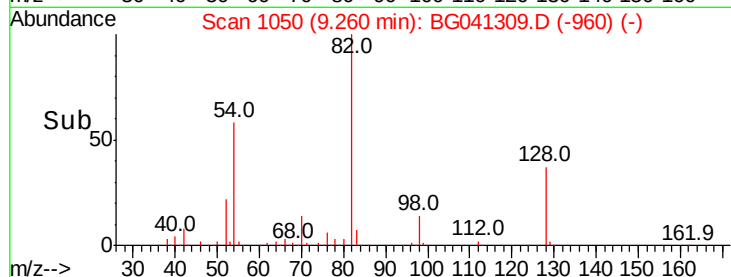
54 57.7 43.4 65.0



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: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

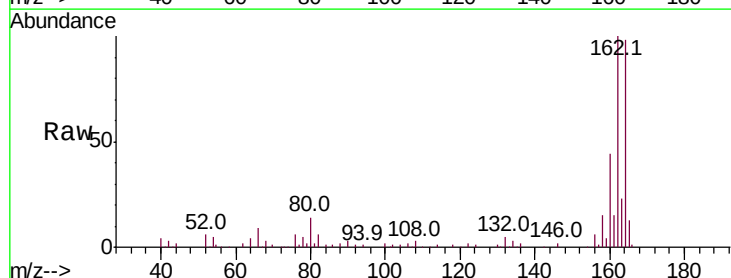
Tgt Ion:164 Resp: 97855

Ion Ratio Lower Upper

164 100

162 101.7 82.8 124.2

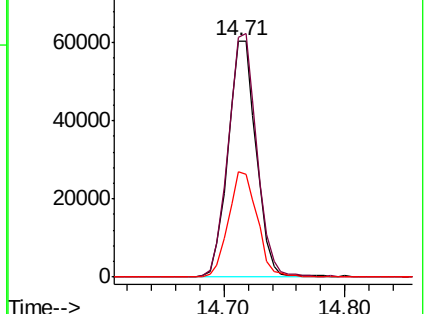
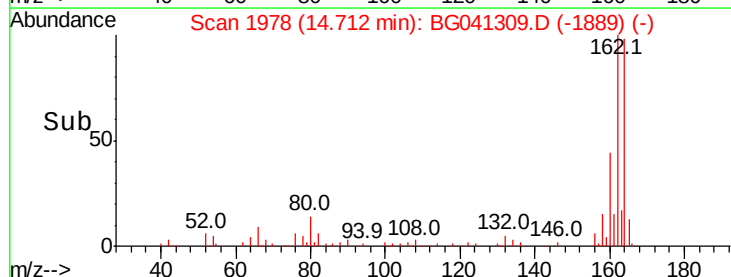
160 44.9 35.8 53.8

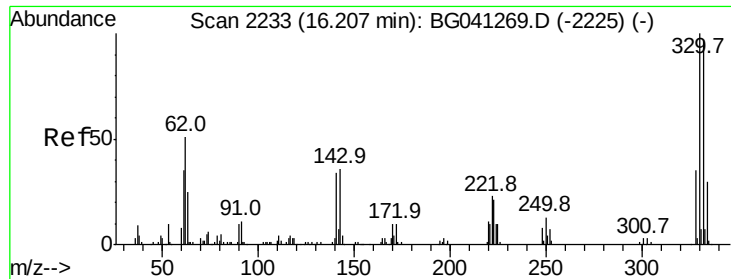


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

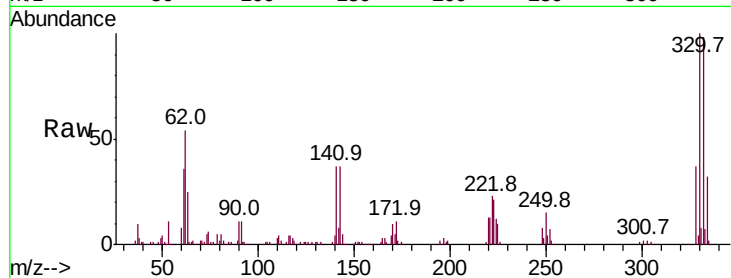




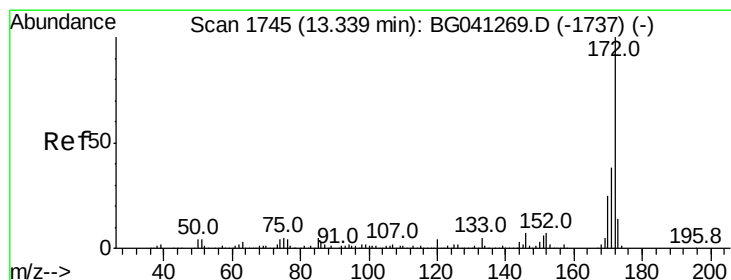
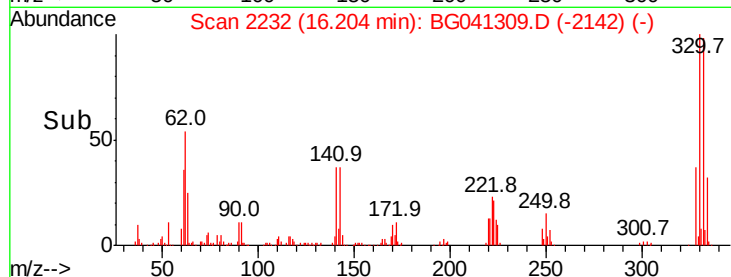
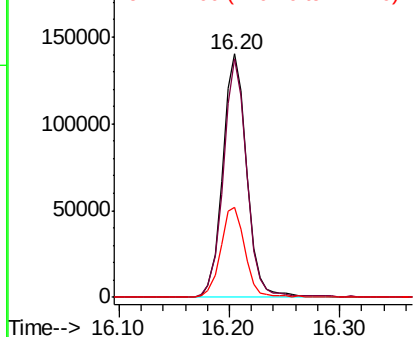
#42
 2,4,6-Tribromophenol
 Concen: 142.221 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BG041309.D
 Acq: 18 Jun 2019 22:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.5	113.3
141	37.1	29.0	43.4

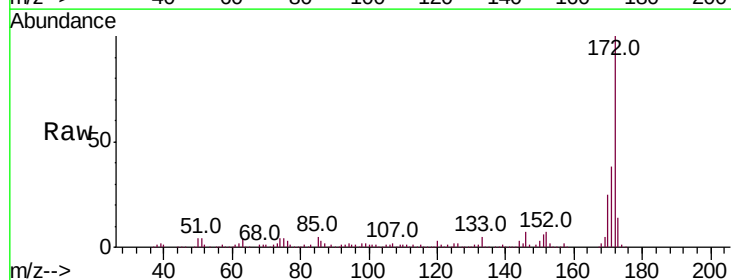


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

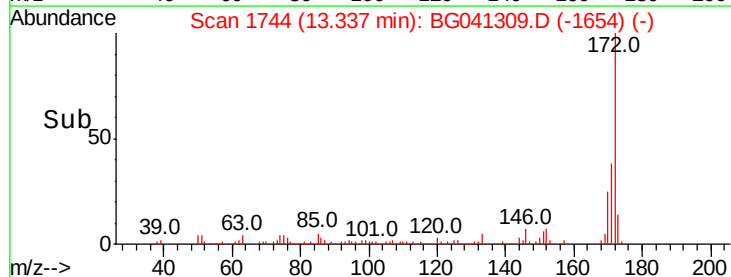
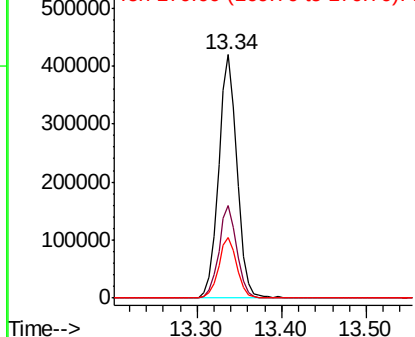


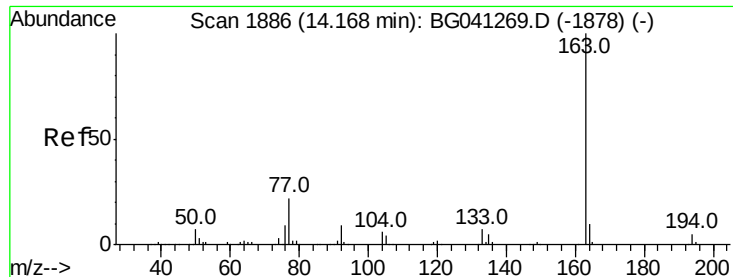
#45
 2-Fluorobiphenyl
 Concen: 88.675 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041309.D
 Acq: 18 Jun 2019 22:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.7	19.8	29.6



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: 7.579 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

Instrument :

BNA_G

ClientSampleId :

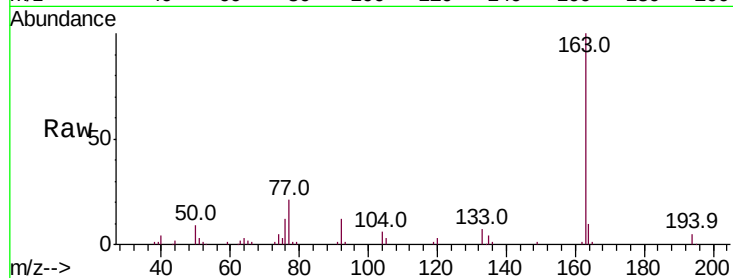
Tot Ion:163 Resp: 65987

Ion Ratio Lower Upper

163 100

194 5.2 3.9 5.9

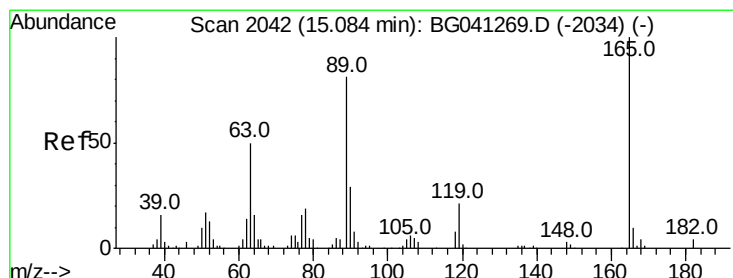
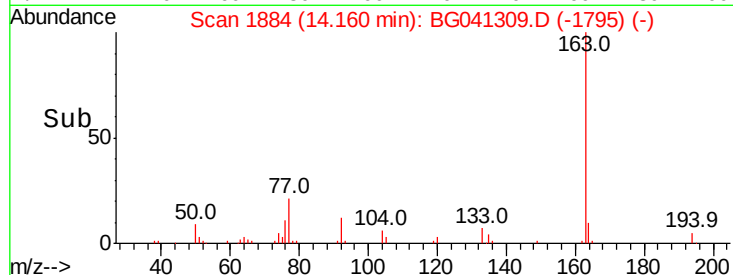
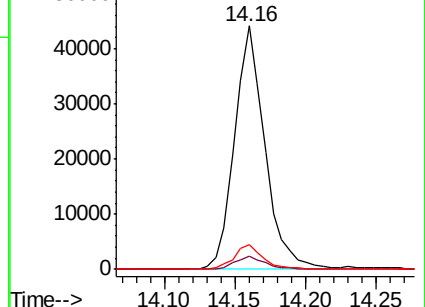
164 10.3 8.3 12.5



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: 4.583 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.37 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

Tgt Ion:165 Resp: 12299

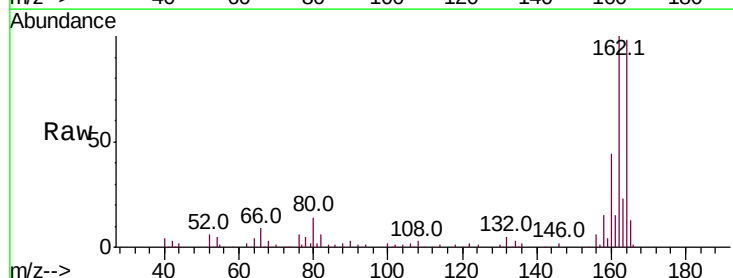
Ion Ratio Lower Upper

165 100

63 0.0 40.0 60.0#

89 0.0 64.6 96.8#

182 0.0 2.9 4.3#

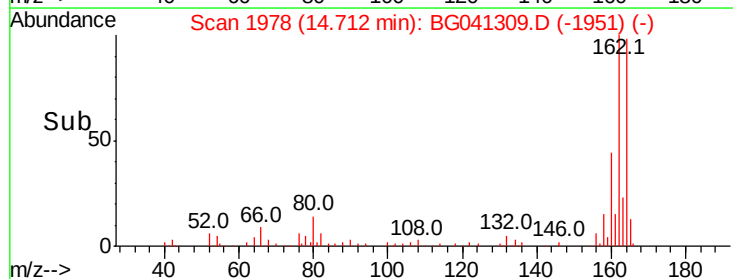
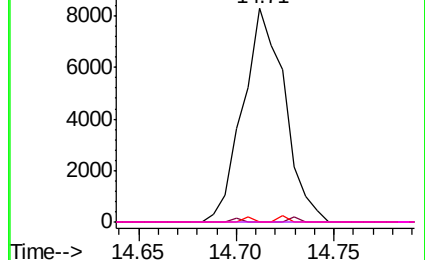


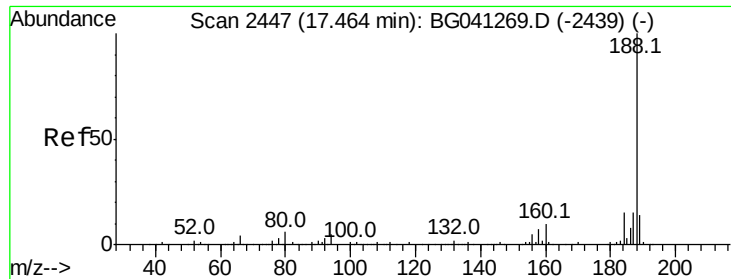
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

Instrument :

BNA_G

ClientSampleId :

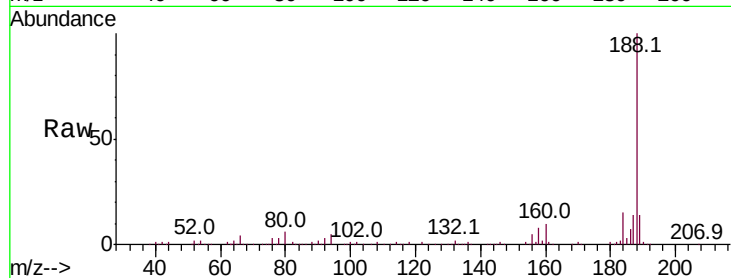
Tot Ion:188 Resp: 245431

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

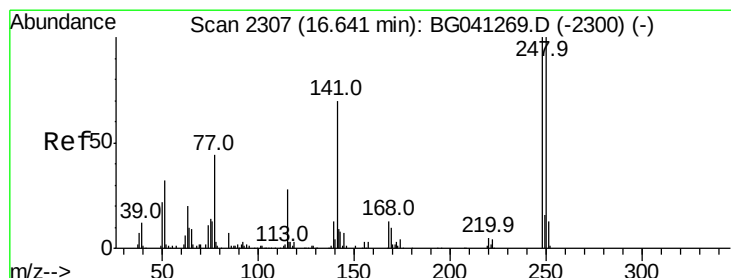
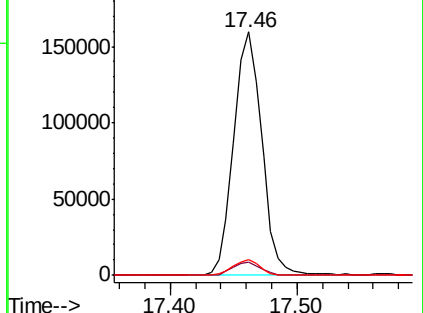
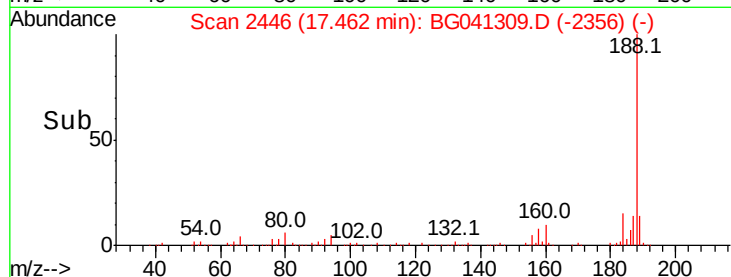
80 6.4 4.8 7.2



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: 4.958 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.44 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

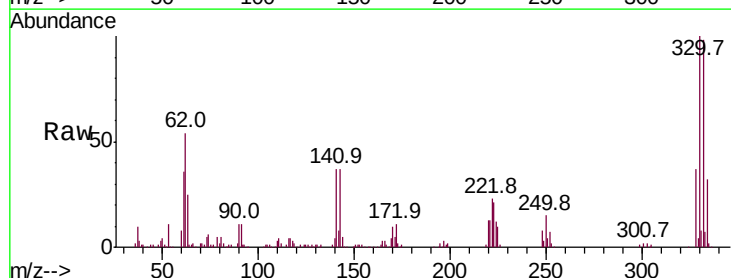
Tgt Ion:248 Resp: 15734

Ion Ratio Lower Upper

248 100

250 190.9 79.8 119.8#

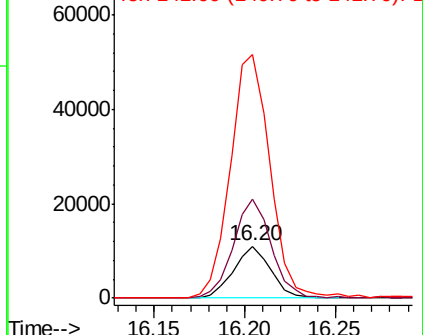
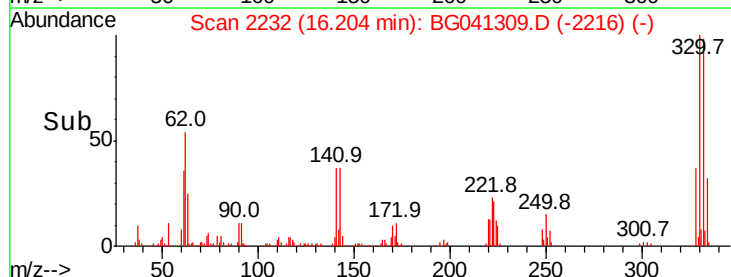
141 466.7 55.8 83.6#

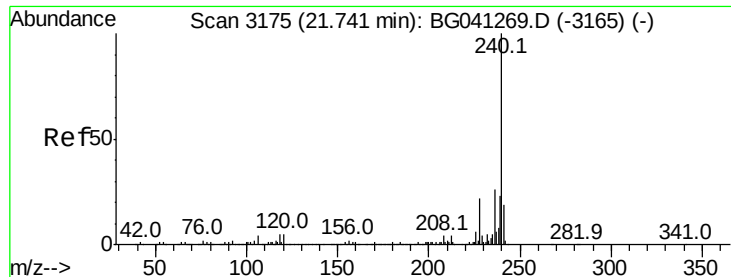


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

Instrument :

BNA_G

ClientSampleId :

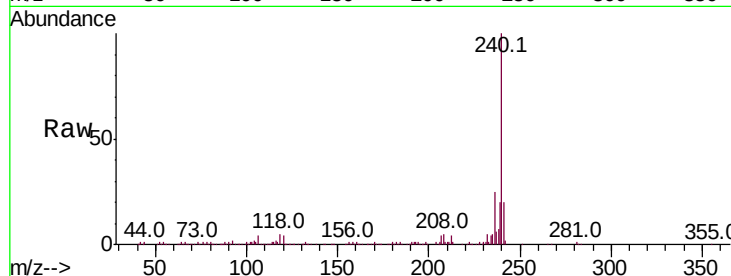
Tot Ion:240 Resp: 250431

Ion Ratio Lower Upper

240 100

120 4.2 3.7 5.5

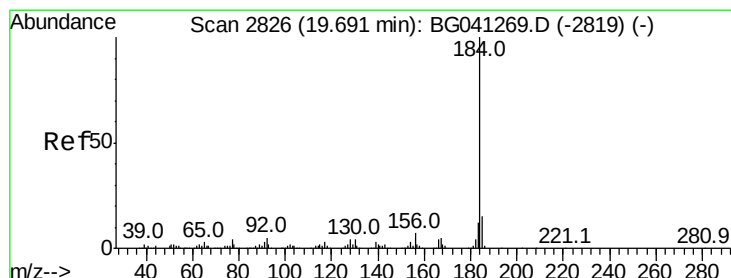
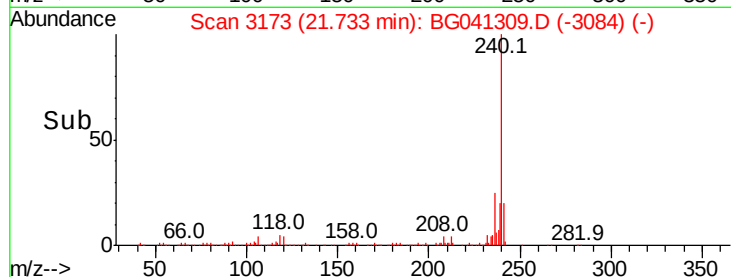
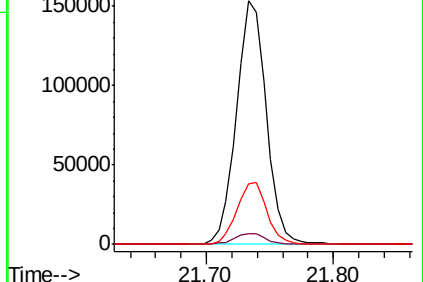
236 25.1 21.1 31.7



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: 3.012 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.37 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

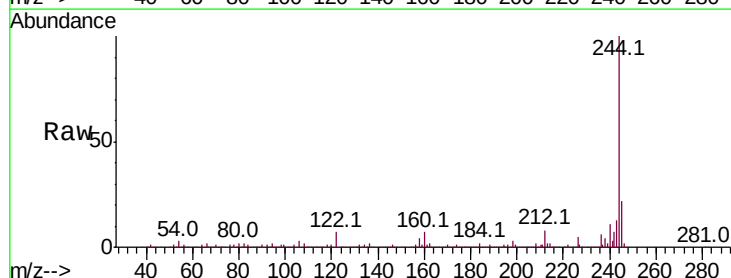
Tgt Ion:184 Resp: 18247

Ion Ratio Lower Upper

184 100

185 16.6 12.2 18.2

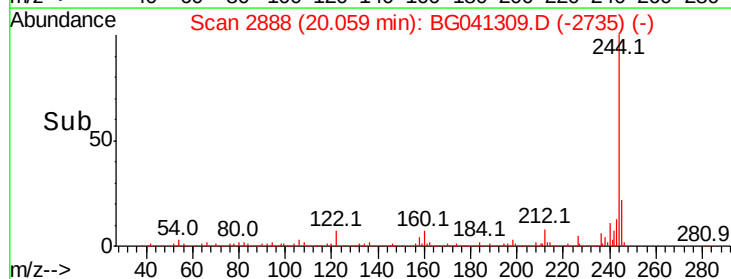
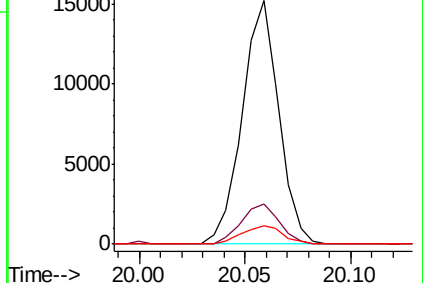
183 7.6 9.6 14.4#

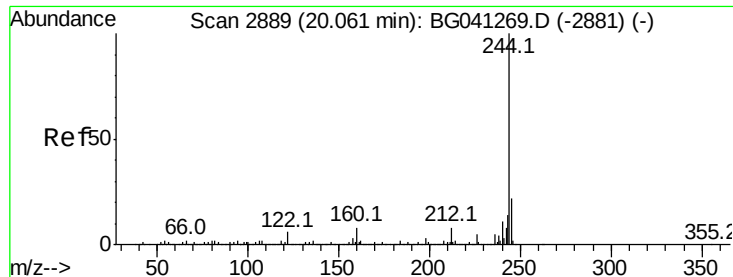


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 82.796 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

Instrument :

BNA_G

ClientSampled :

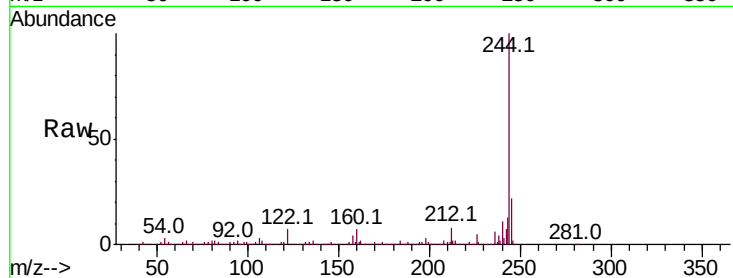
Tot Ion:244 Resp: 1046259

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

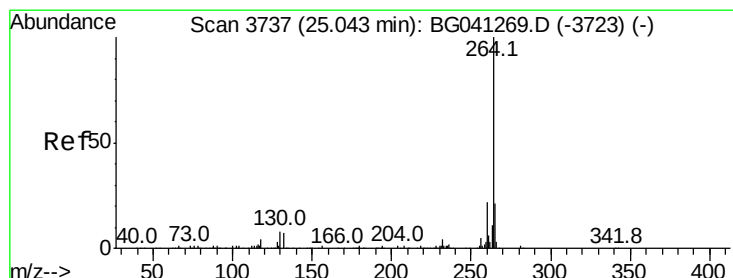
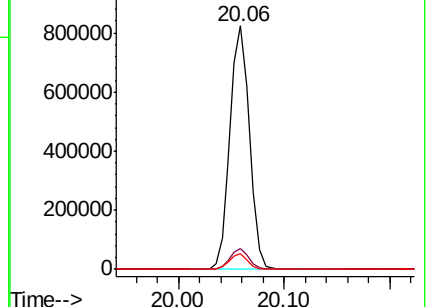
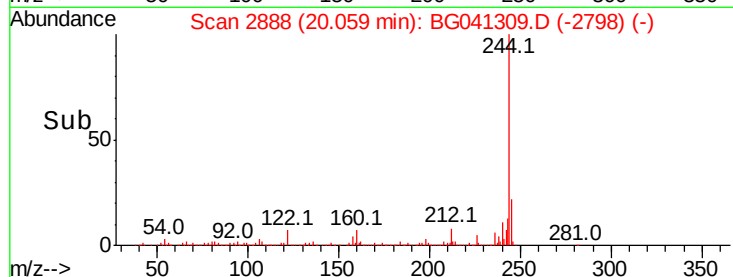
122 6.7 5.0 7.4



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: 25.04 min Scan# 3736

Delta R.T. -0.00 min

Lab File: BG041309.D

Acq: 18 Jun 2019 22:32

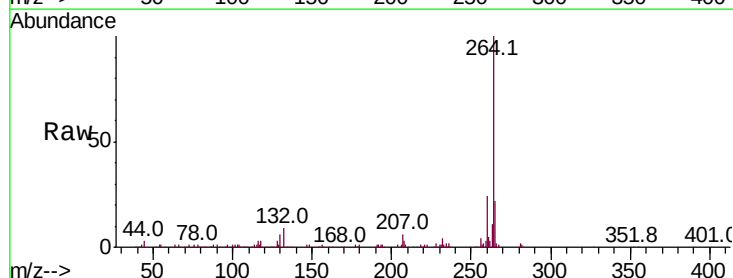
Tgt Ion:264 Resp: 257230

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.2

265 22.5 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

