

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043260.D
 Acq On : 17 Oct 2019 00:44
 Operator : JU
 Sample : K5352-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-20A-S

Quant Time: Oct 17 01:56:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

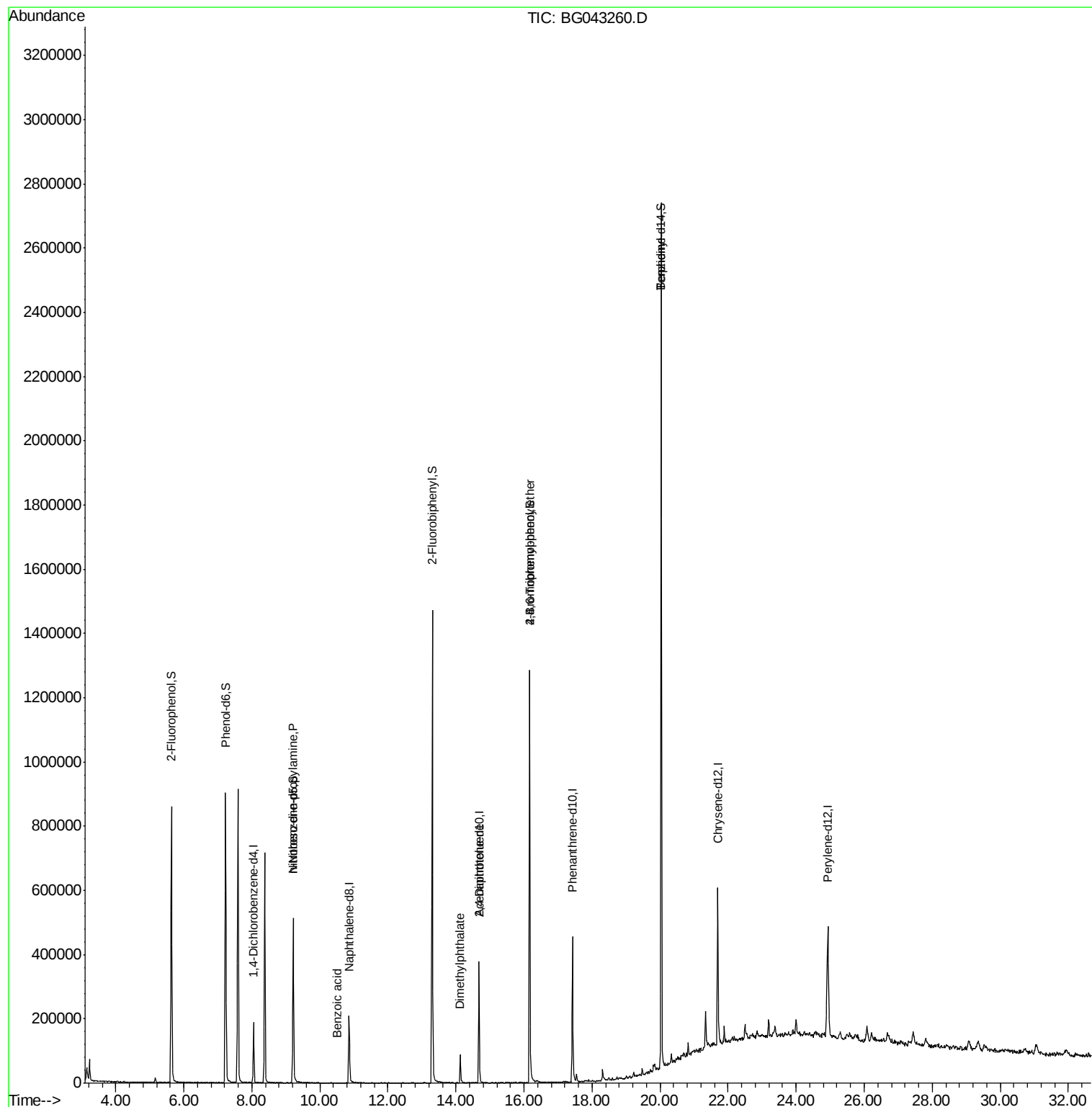
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58280	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	204991	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	144427	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	320999	20.00	ng	0.00
76) Chrysene-d12	21.69	240	336447	20.00	ng	0.00
87) Perylene-d12	24.92	264	401621	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	393460	120.48	ng	0.00
7) Phenol-d6	7.23	99	551222	117.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	340716	80.79	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	315758	127.14	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	895336	89.87	ng	0.00
79) Terphenyl-d14	20.04	244	1462710	92.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	48102	15.577	ng	# 68
32) Benzoic acid	10.52	122	67	2.834	ng	# 1
50) Dimethylphthalate	14.13	163	71462	6.604	ng	# 95
57) 2,4-Dinitrotoluene	14.67	165	20285	6.011	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	19739	4.899	ng	# 1
77) Benzidine	20.04	184	22060	2.619	ng	# 95

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

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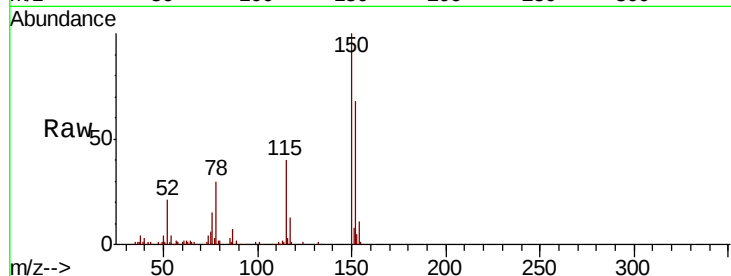


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043260.D
Acq: 17 Oct 2019 00:44

Instrument :
BNA_G
ClientSampleId :
TP-20A-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	115.0	172.4
115	58.6	47.0	70.6

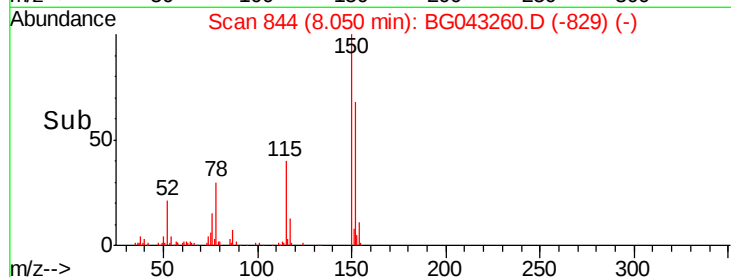
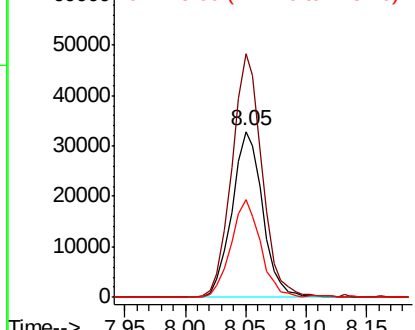


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

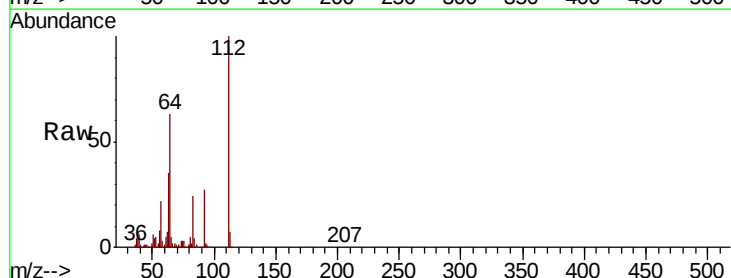
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.483 ng
RT: 5.64 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG043260.D
Acq: 17 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.6	84.8
63	35.4	35.1	52.7

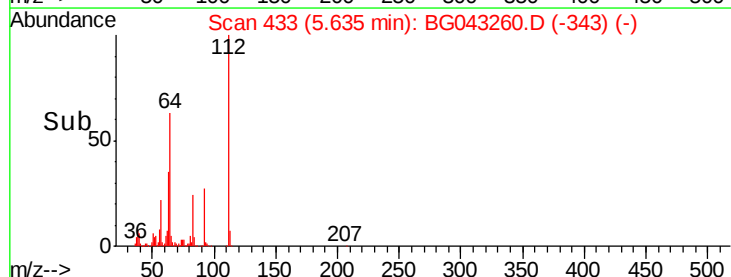
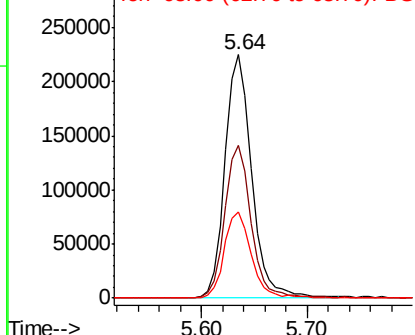


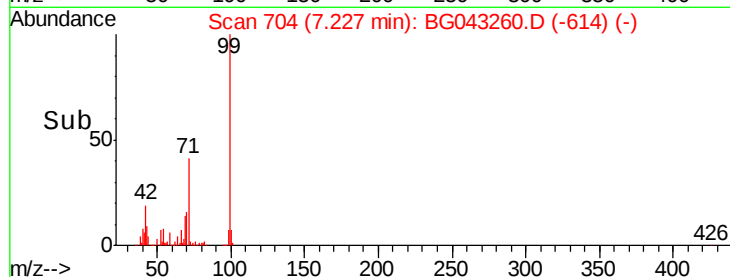
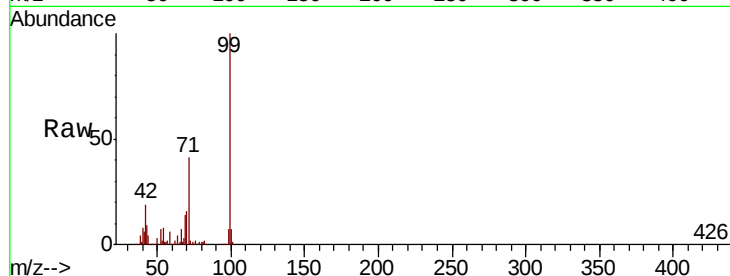
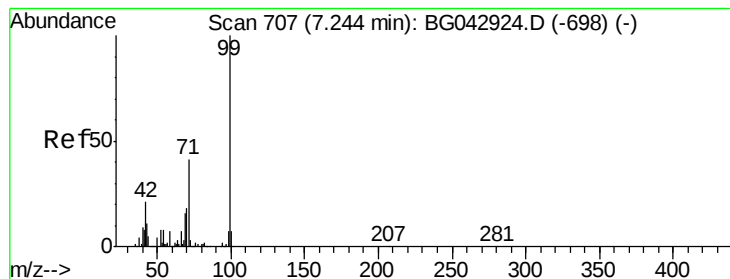
Abundance

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: 117.212 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG043260.D

Acq: 17 Oct 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-20A-S

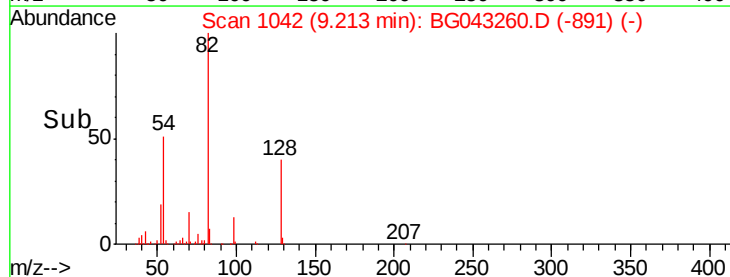
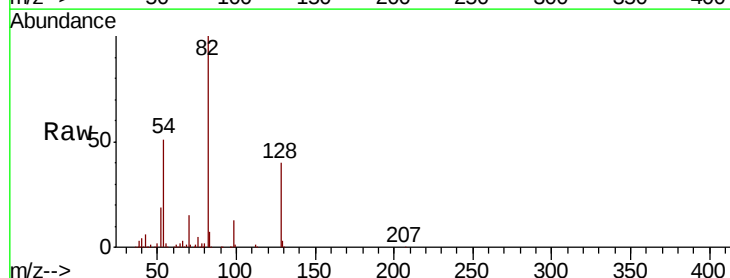
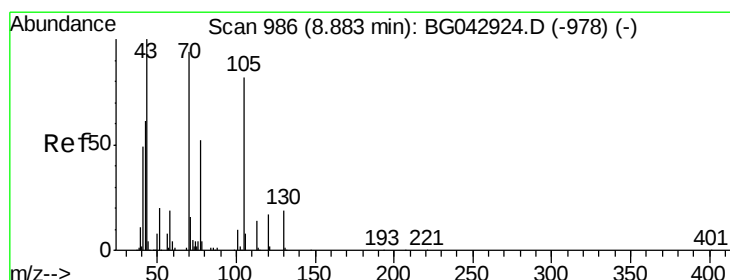
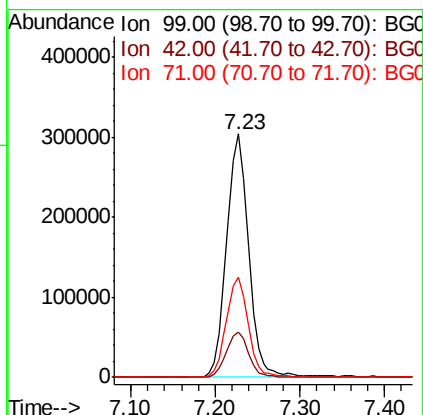
Tot Ion: 99 Resp: 551222

Ion Ratio Lower Upper

99 100

42 18.8 17.2 25.8

71 41.0 33.1 49.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.577 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.36 min

Lab File: BG043260.D

Acq: 17 Oct 2019 00:44

Tgt Ion: 70 Resp: 48102

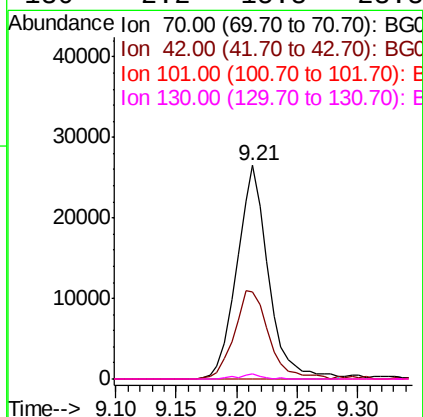
Ion Ratio Lower Upper

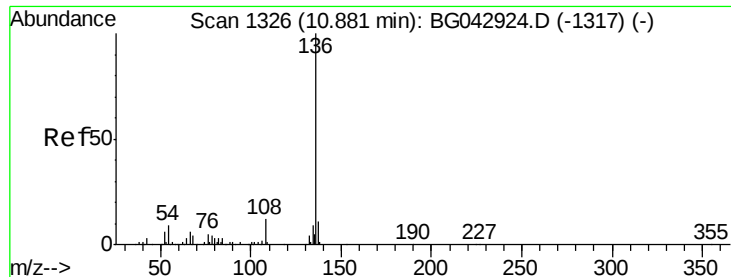
70 100

42 41.0 52.6 79.0#

101 0.0 8.7 13.1#

130 2.2 15.8 23.8#

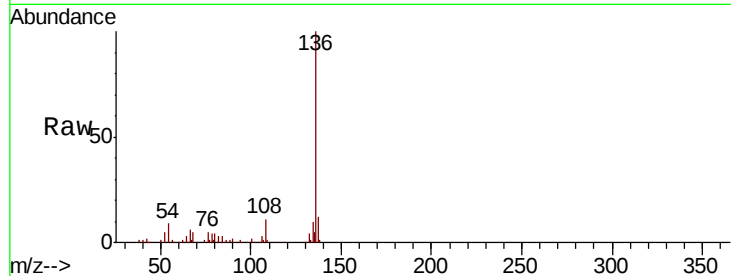




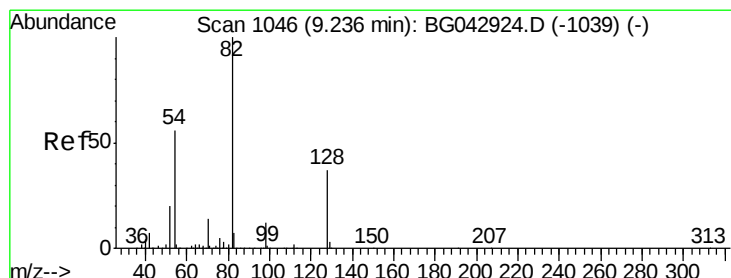
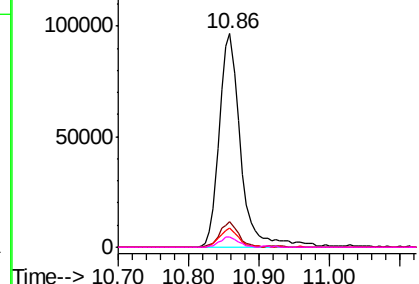
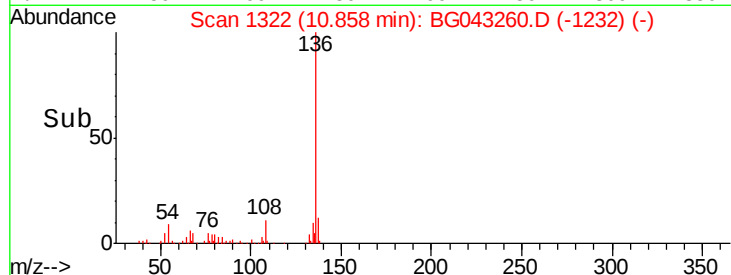
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043260.D
Acq: 17 Oct 2019 00:44

Instrument :
BNA_G
ClientSampleId :
TP-20A-S

Tot Ion:136	Resp:	204991
Ion Ratio	Lower	Upper
136 100		
137 12.0	8.5	12.7
54 8.9	7.4	11.2
68 4.6	3.6	5.4

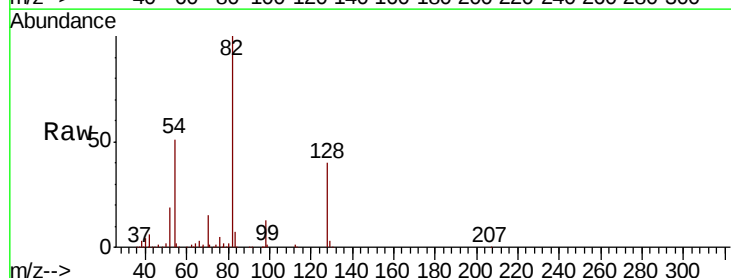


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

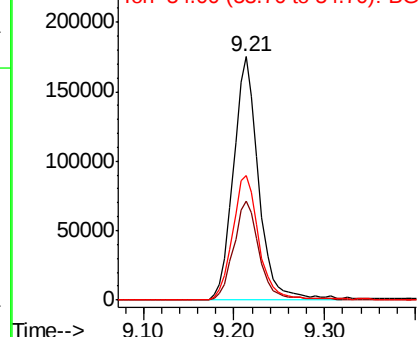
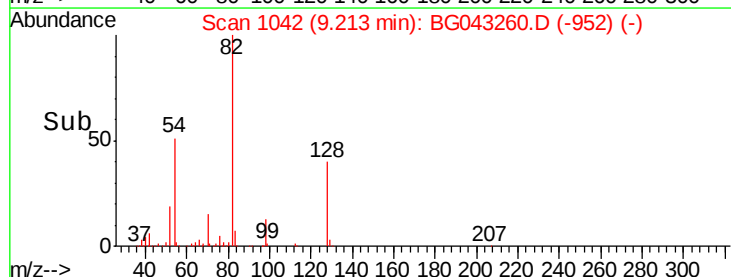


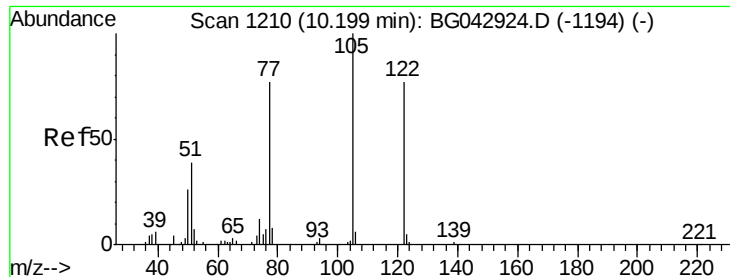
#23
Nitrobenzene-d5
Concen: 80.787 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG043260.D
Acq: 17 Oct 2019 00:44

Tgt	Ion: 82	Resp:	340716
Ion	Ratio	Lower	Upper
82	100		
128	40.4	29.5	44.3
54	51.2	44.6	67.0



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

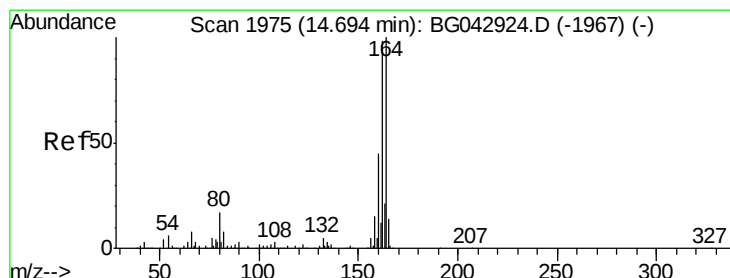
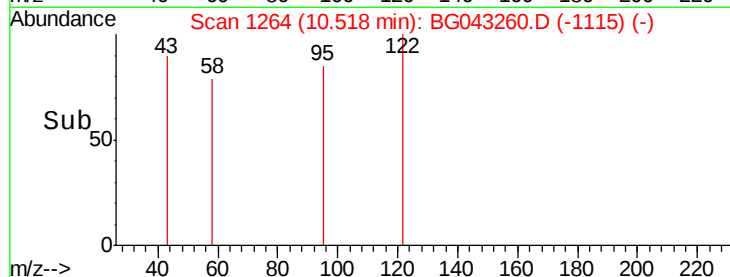
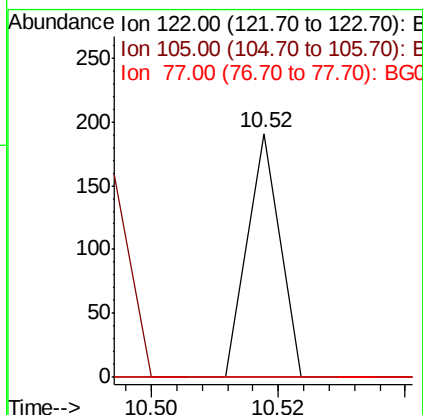
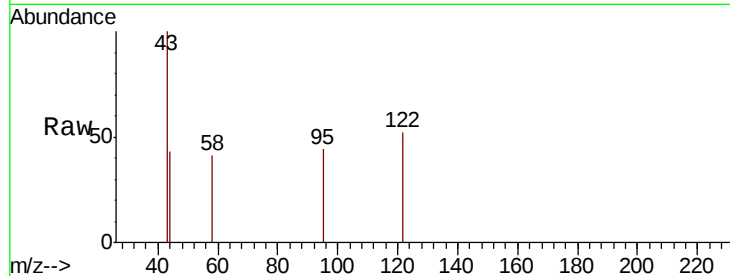




#32
Benzoic acid
Concen: 2.834 ng
RT: 10.52 min Scan# 1264
Delta R.T. 0.34 min
Lab File: BG043260.D
Acq: 17 Oct 2019 00:44

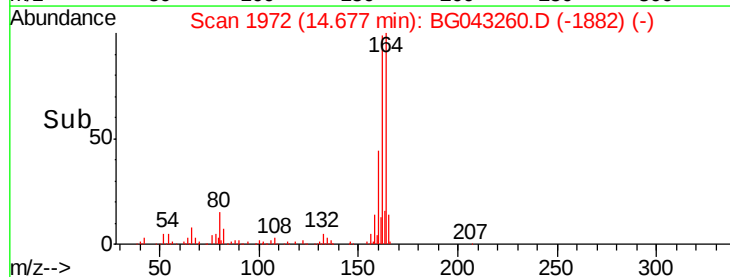
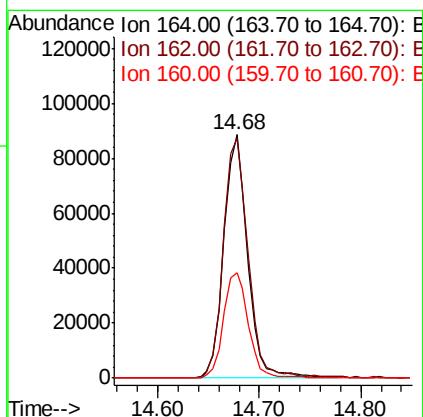
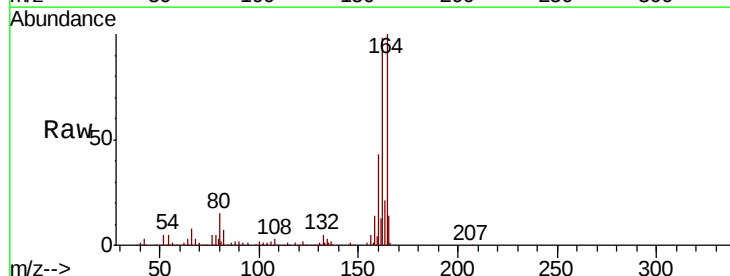
Instrument :
BNA_G
ClientSampleId :
TP-20A-S

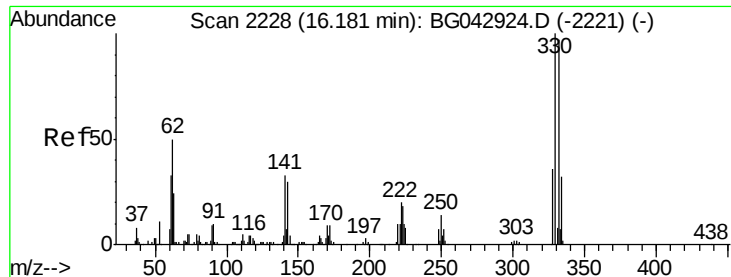
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG043260.D
Acq: 17 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	78.5	117.7
160	43.2	35.9	53.9

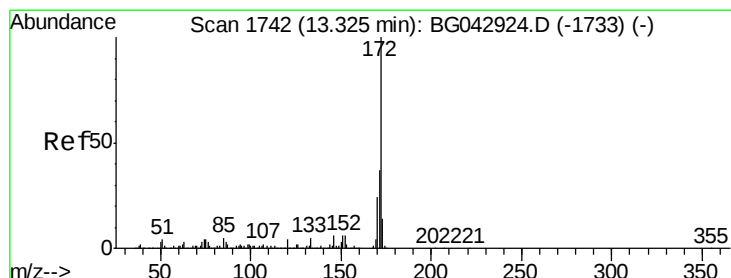
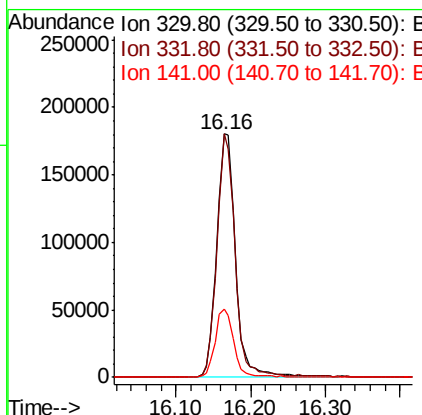
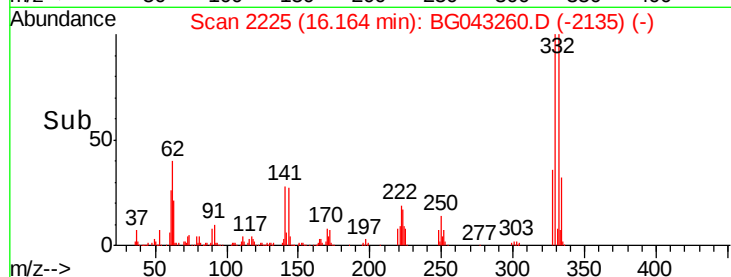
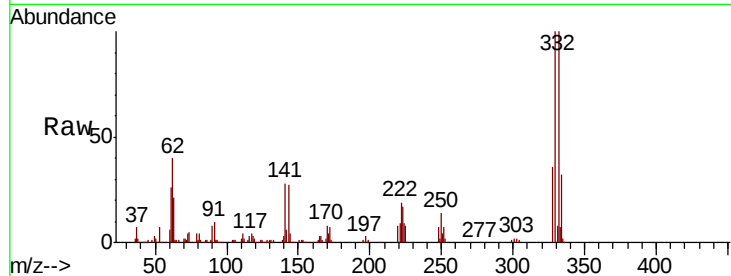




#42
2,4,6-Tribromophenol
Concen: 127.142 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG043260.D
Acq: 17 Oct 2019 00:44

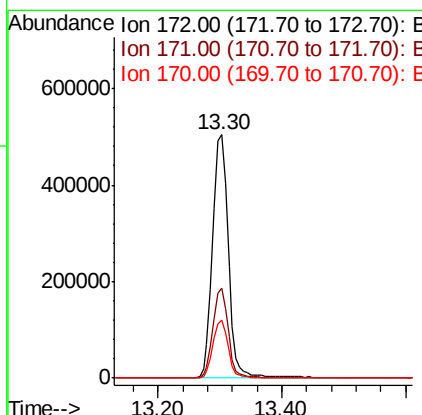
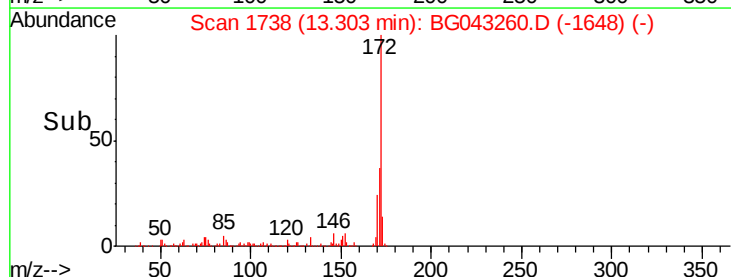
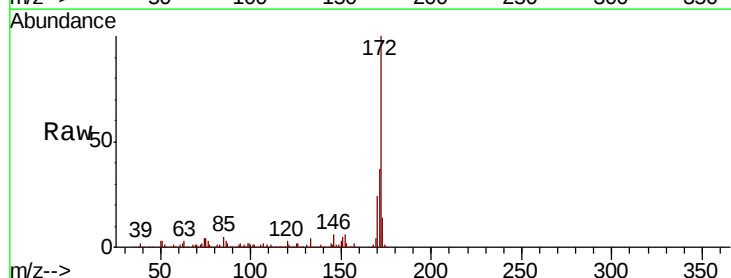
Instrument :
BNA_G
ClientSampleId :
TP-20A-S

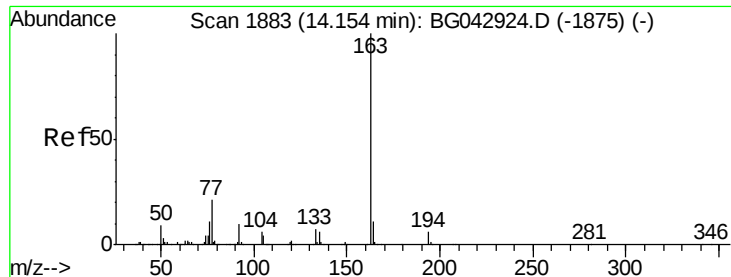
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.2	117.2
141	27.8	26.0	39.0



#45
2-Fluorobiphenyl
Concen: 89.870 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG043260.D
Acq: 17 Oct 2019 00:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	23.7	19.6	29.4

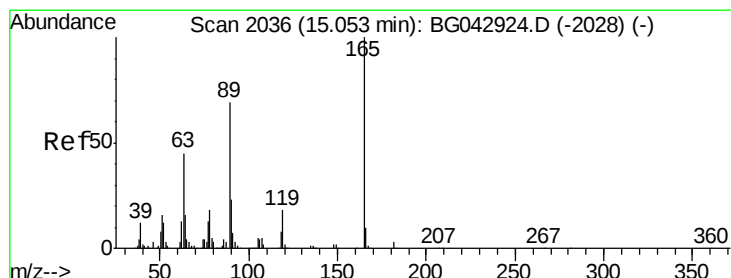
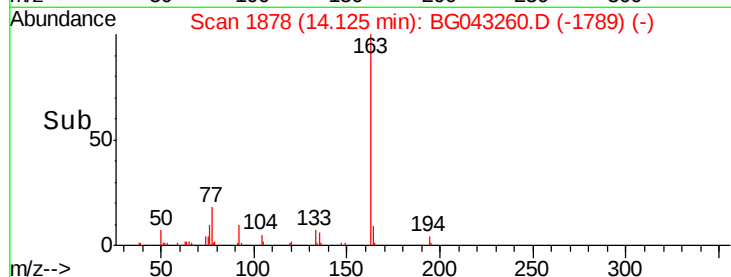
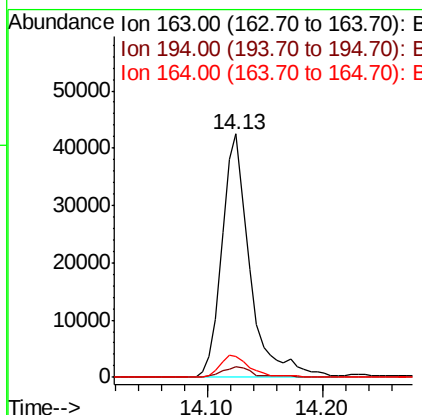
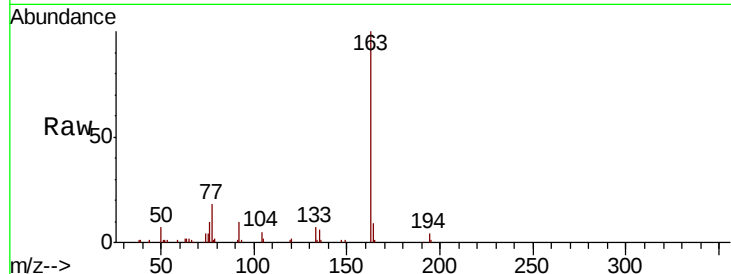




#50
Dimethylphthalate
Concen: 6.604 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043260.D
Acq: 17 Oct 2019 00:44

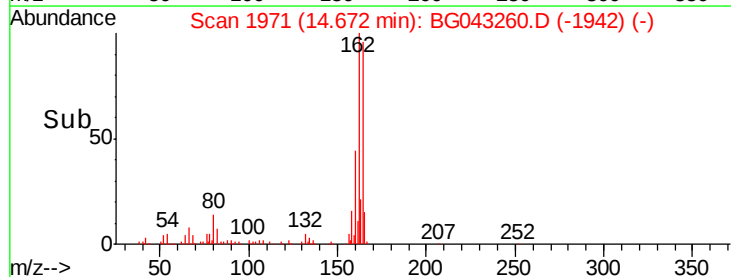
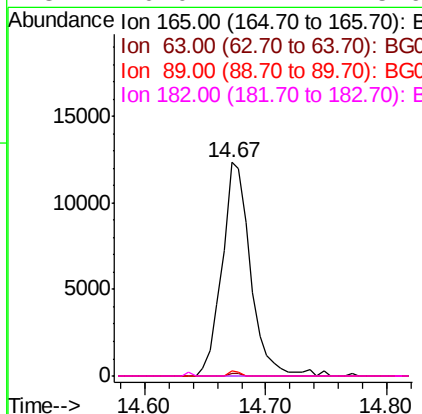
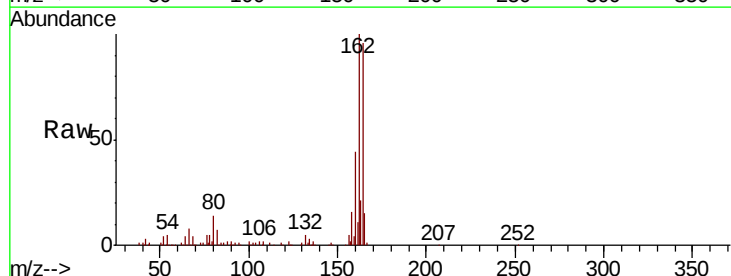
Instrument :
BNA_G
ClientSampled :
TP-20A-S

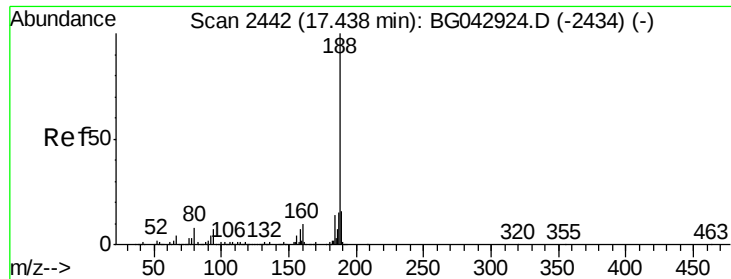
Tot Ion	163	Resp	71462
Ion Ratio	Lower	Upper	
163	100		
194	4.2	4.4	6.6#
164	8.5	8.6	12.8#



#57
2,4-Dinitrotoluene
Concen: 6.011 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.36 min
Lab File: BG043260.D
Acq: 17 Oct 2019 00:44

Tgt Ion	165	Resp	20285
Ion Ratio	Lower	Upper	
165	100		
63	1.3	36.5	54.7#
89	2.2	55.5	83.3#
182	0.0	2.4	3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG043260.D

Acq: 17 Oct 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-20A-S

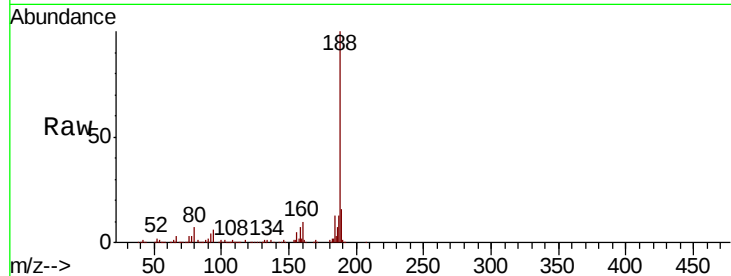
Tot Ion:188 Resp: 320999

Ion Ratio Lower Upper

188 100

94 5.7 5.7 8.5

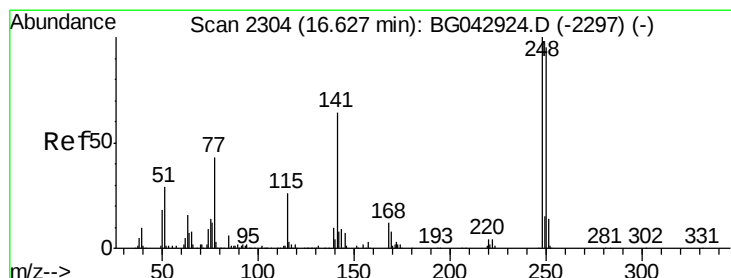
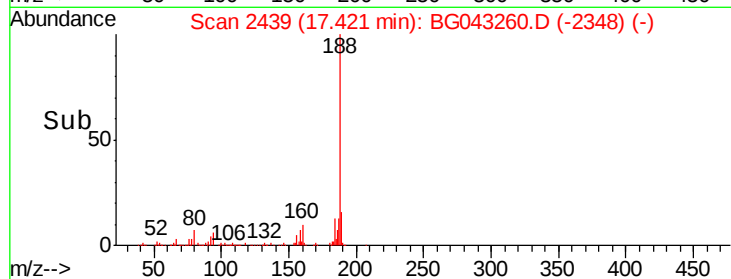
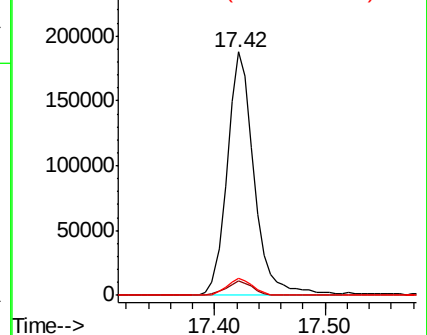
80 7.2 6.5 9.7



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: 4.899 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.44 min

Lab File: BG043260.D

Acq: 17 Oct 2019 00:44

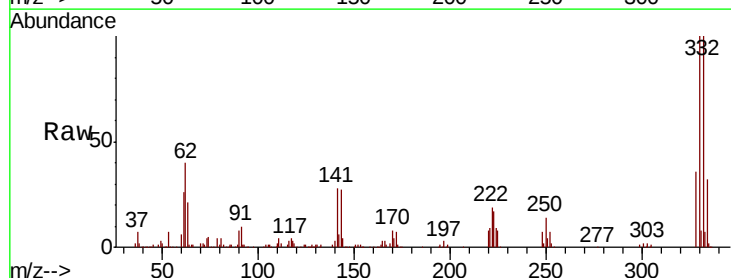
Tgt Ion:248 Resp: 19739

Ion Ratio Lower Upper

248 100

250 211.1 75.8 113.8#

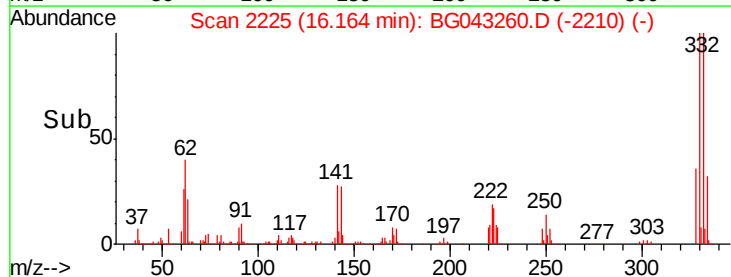
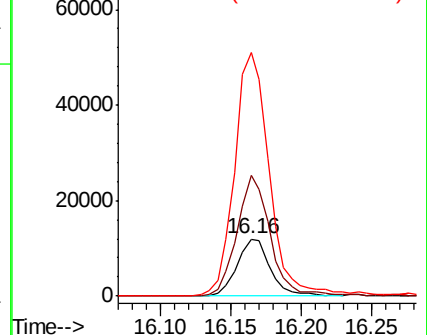
141 425.5 51.1 76.7#

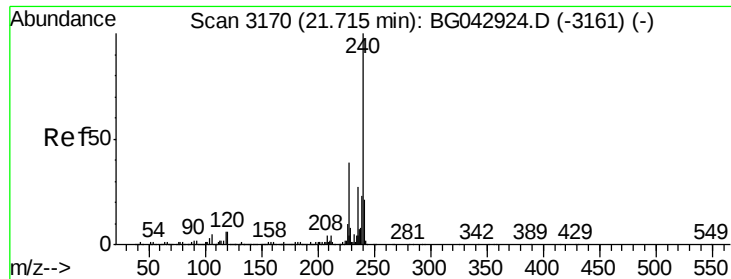


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG043260.D

Acq: 17 Oct 2019 00:44

Instrument :

BNA_G

ClientSampleId :

TP-20A-S

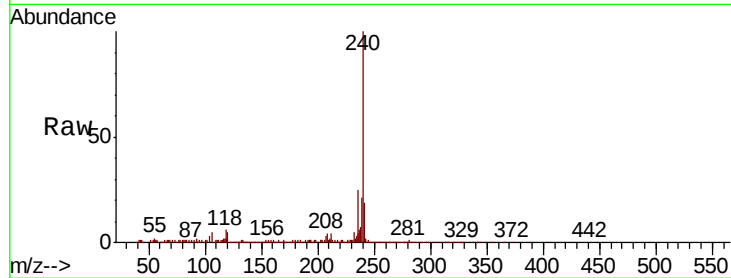
Tot Ion:240 Resp: 336447

Ion Ratio Lower Upper

240 100

120 5.4 4.8 7.2

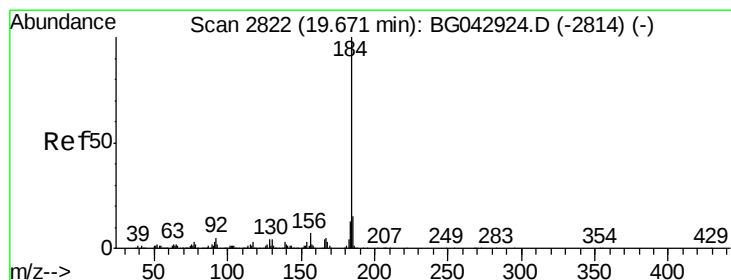
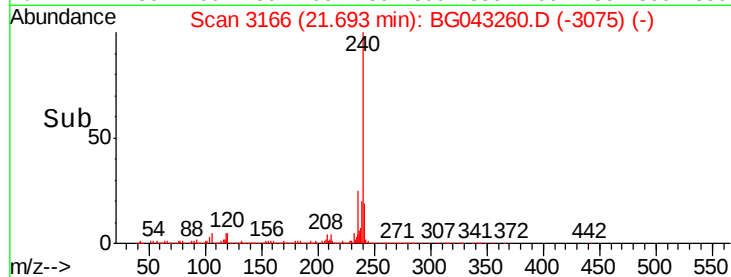
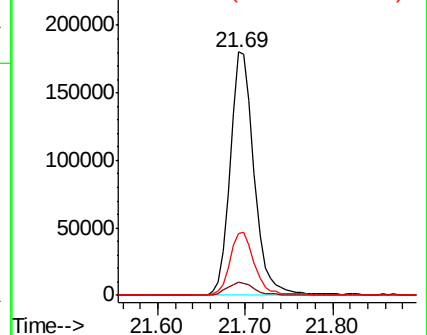
236 25.5 21.4 32.0



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: 2.619 ng

RT: 20.04 min Scan# 2884

Delta R.T. 0.38 min

Lab File: BG043260.D

Acq: 17 Oct 2019 00:44

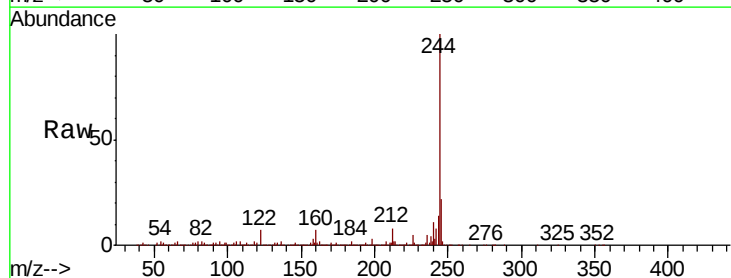
Tgt Ion:184 Resp: 22060

Ion Ratio Lower Upper

184 100

185 16.3 11.8 17.8

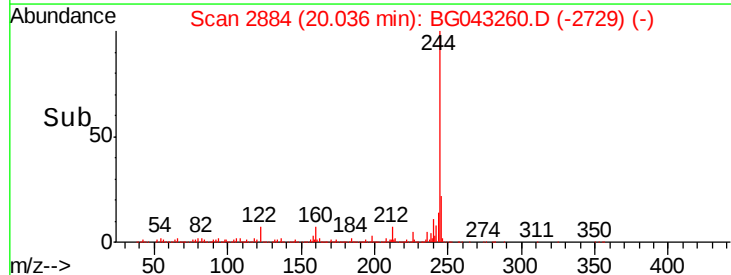
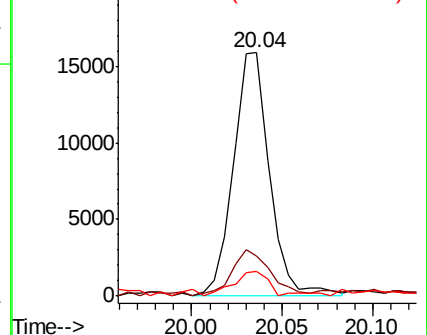
183 10.0 10.1 15.1#

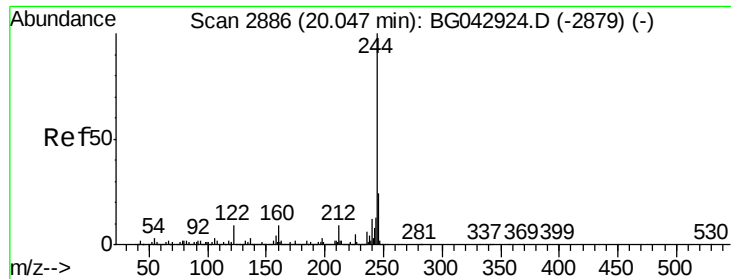


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 92.640 ng

RT: 20.04 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043260.D

Acq: 17 Oct 2019 00:44

Instrument :

BNA_G

ClientSampled :

TP-20A-S

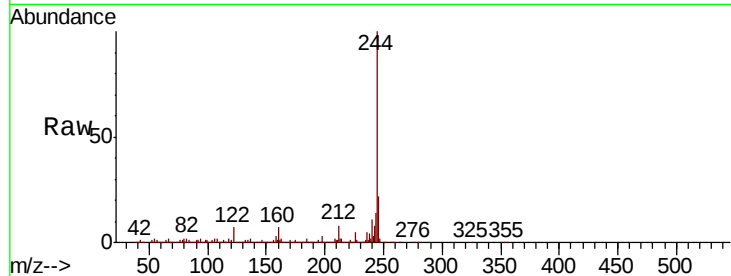
Tot Ion:244 Resp: 1462710

Ion Ratio Lower Upper

244 100

212 7.5 7.4 11.0

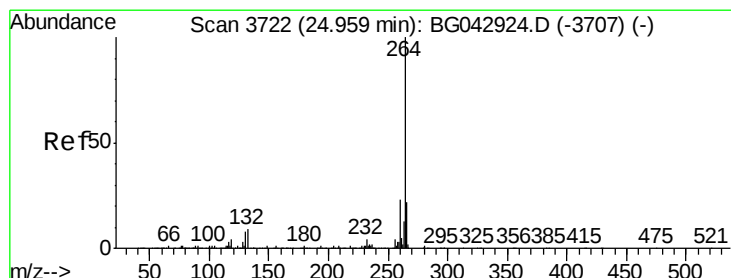
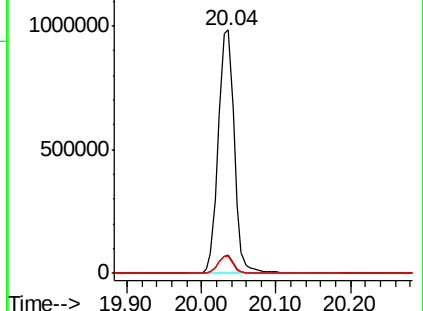
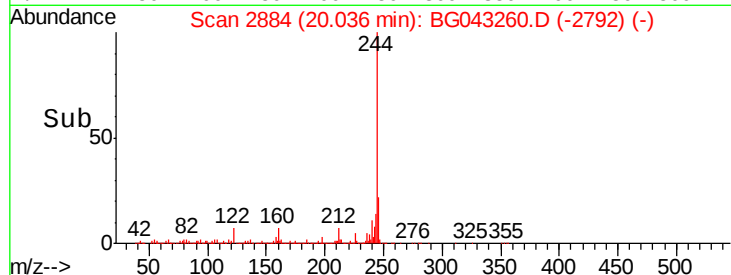
122 7.1 7.0 10.4



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: 24.92 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG043260.D

Acq: 17 Oct 2019 00:44

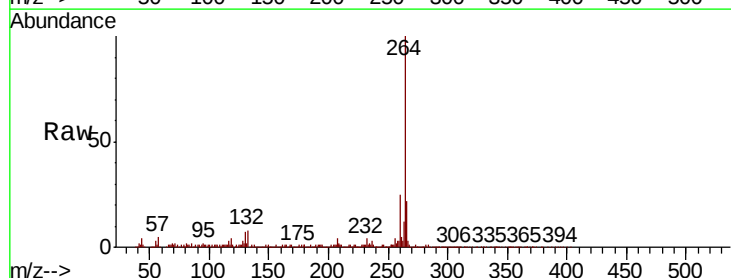
Tgt Ion:264 Resp: 401621

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 22.4 17.7 26.5



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

