

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
 Data File : BG043080.D
 Acq On : 7 Oct 2019 23:00
 Operator : JU
 Sample : PB123704BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 08 03:56:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

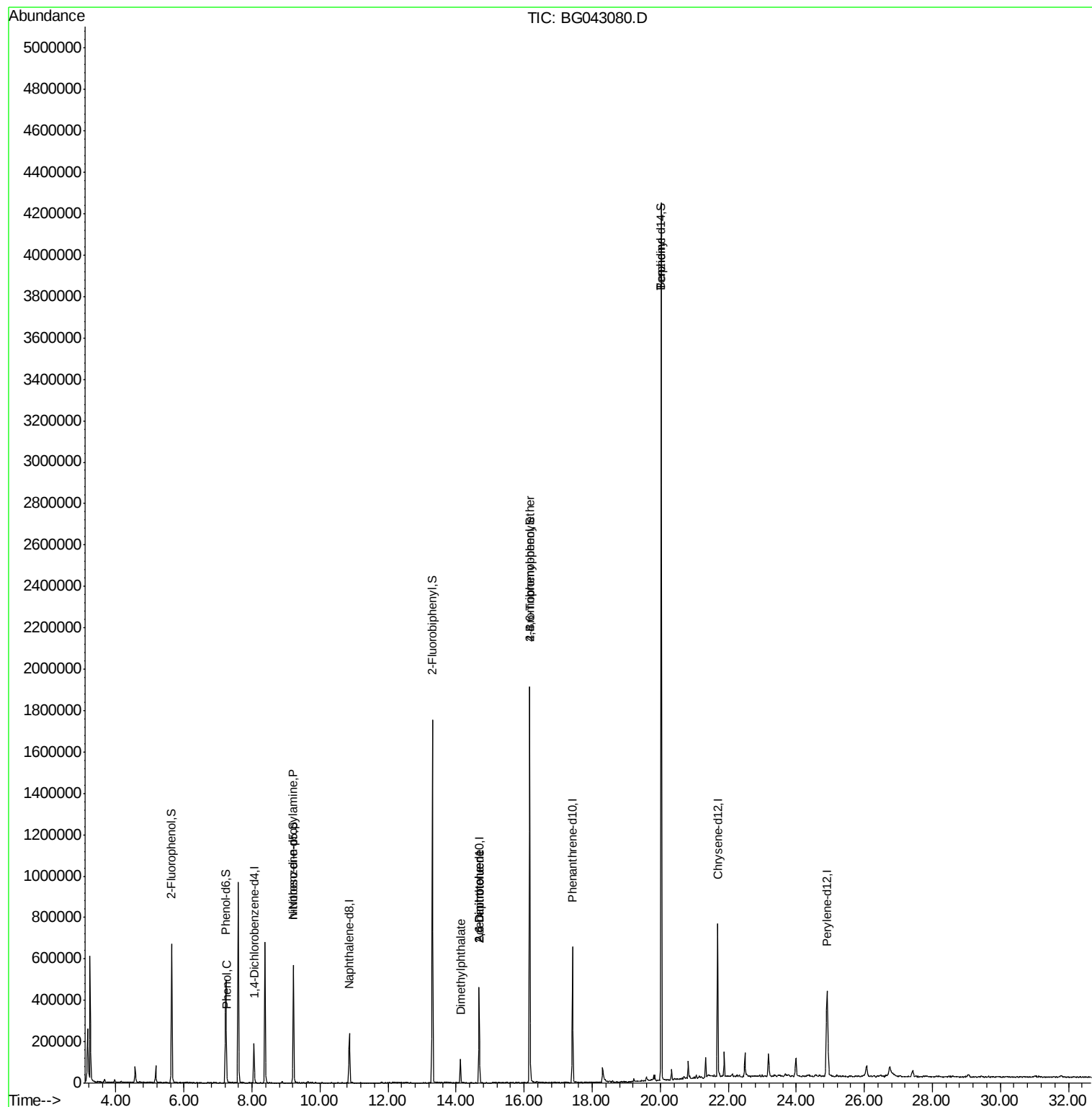
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55205	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	214906	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	171167	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	427752	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	449941	20.00	ng	-0.03
87) Perylene-d12	24.90	264	449865	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	292151	94.44	ng	-0.02
7) Phenol-d6	7.23	99	284494	63.86	ng	-0.01
23) Nitrobenzene-d5	9.22	82	361407	81.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	421566	143.23	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	971054	82.24	ng	-0.02
79) Terphenyl-d14	20.03	244	2072174	98.14	ng	-0.01
Target Compounds						
10) Phenol	7.25	94	16711	4.089	ng	90
19) n-Nitroso-di-n-propylamine	9.22	70	50314	17.201	ng	# 70
50) Dimethylphthalate	14.13	163	78446	6.117	ng	98
51) 2,6-Dinitrotoluene	14.67	165	22665	8.299	ng	# 20
57) 2,4-Dinitrotoluene	14.67	165	22665	5.667	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	28251	5.262	ng	# 1
77) Benzidine	20.03	184	34236	3.039	ng	# 96

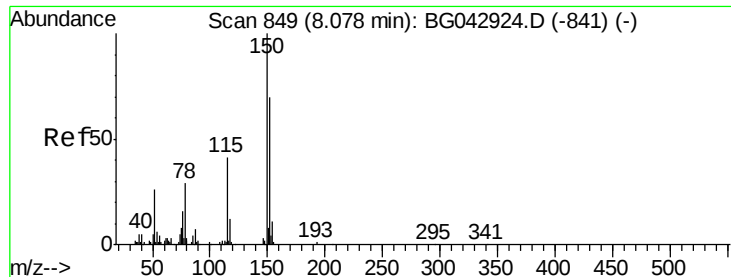
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
Data File : BG043080.D
Acq On : 7 Oct 2019 23:00
Operator : JU
Sample : PB123704BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 08 03:56:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



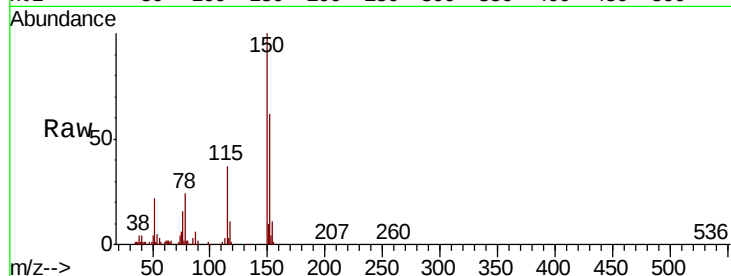


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	115.0	172.4
115	60.7	47.0	70.6

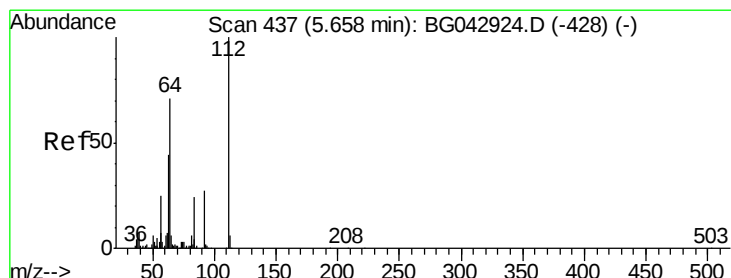
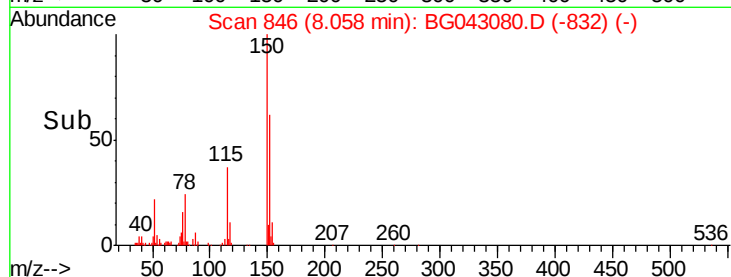
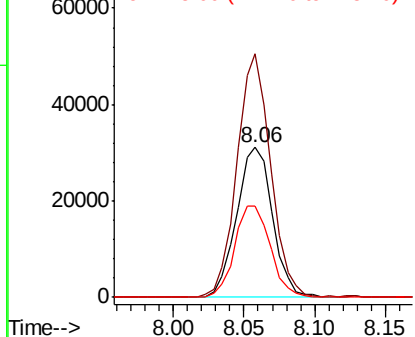


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

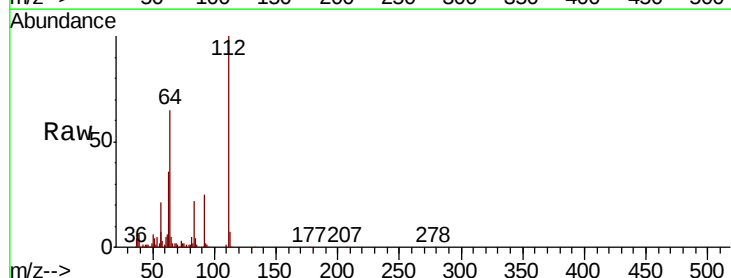
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.444 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	56.6	84.8
63	35.7	35.1	52.7

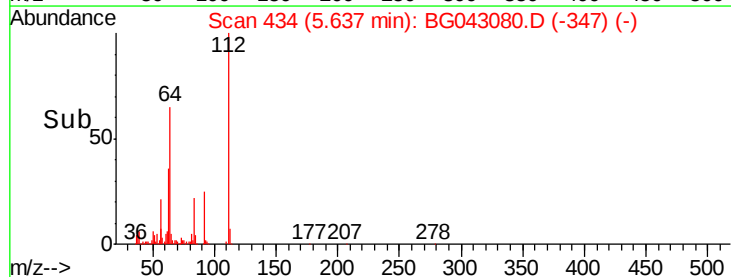
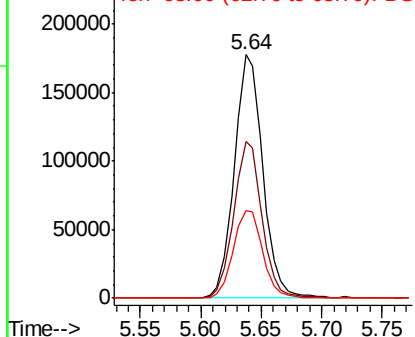


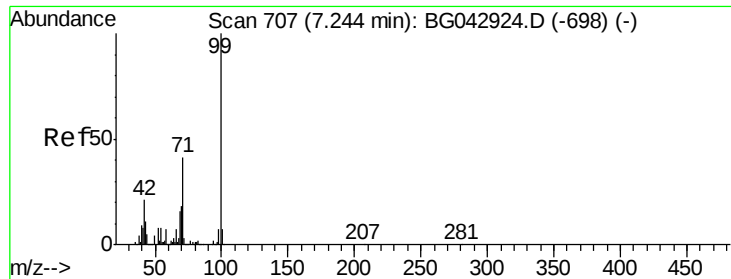
Abundance

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: 63.865 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

Instrument :

BNA_G

ClientSampleId :

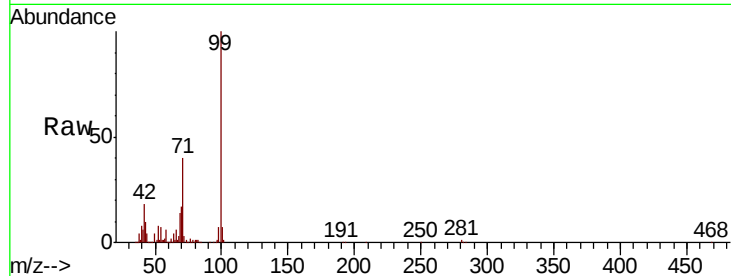
Tot Ion: 99 Resp: 284494

Ion Ratio Lower Upper

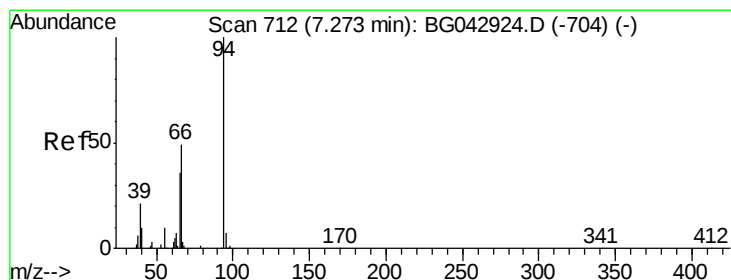
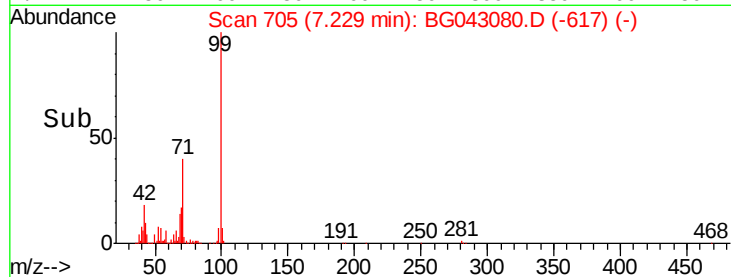
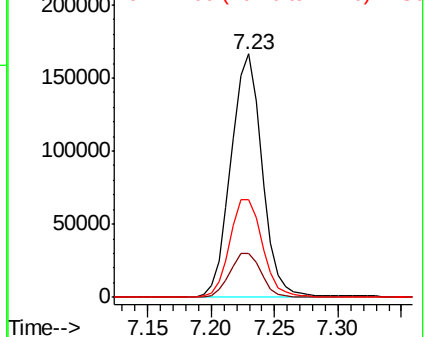
99 100

42 18.2 17.2 25.8

71 40.0 33.1 49.7



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



#10

Phenol

Concen: 4.089 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

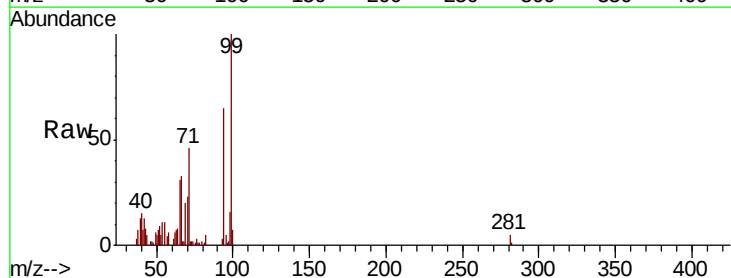
Tgt Ion: 94 Resp: 16711

Ion Ratio Lower Upper

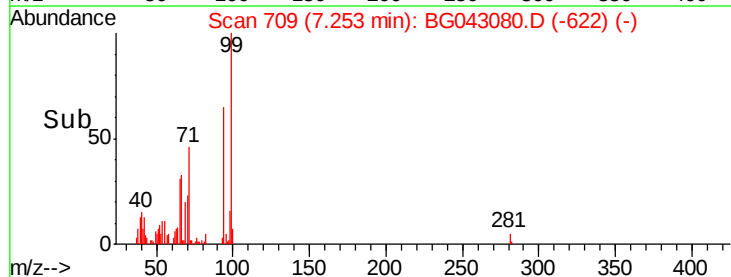
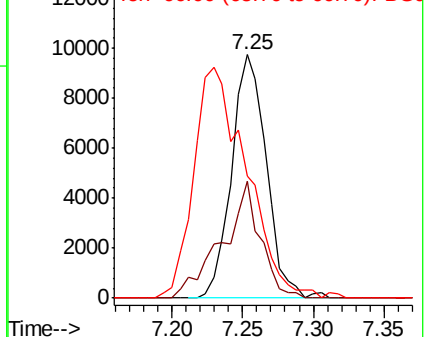
94 100

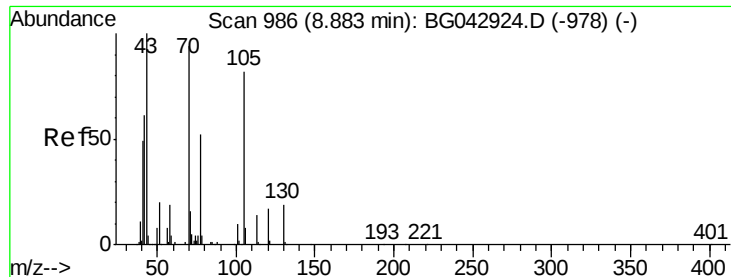
65 48.1 16.6 56.6

66 50.2 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

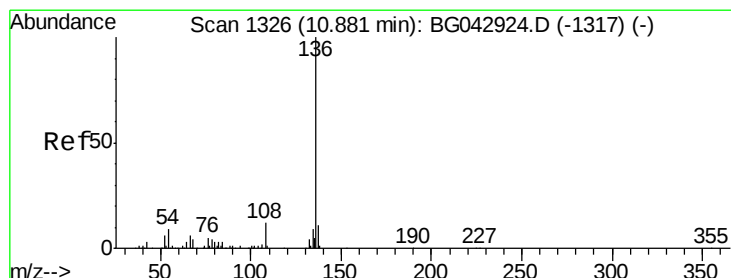
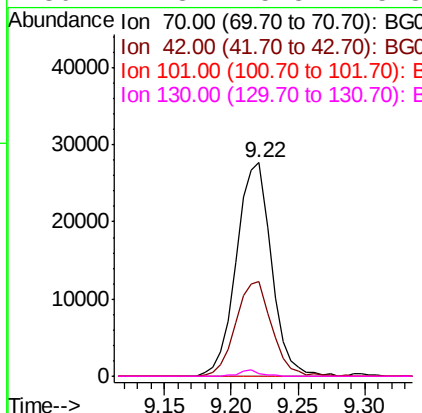
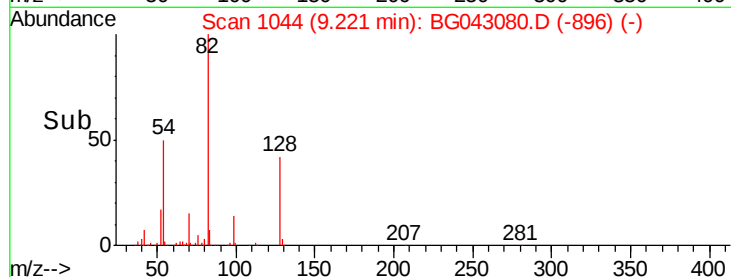
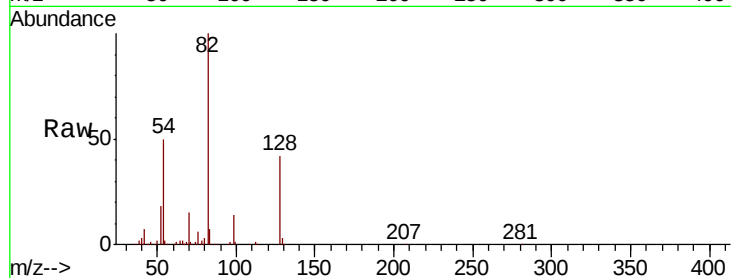




#19
n-Nitroso-di-n-propylamine
Concen: 17.201 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.34 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

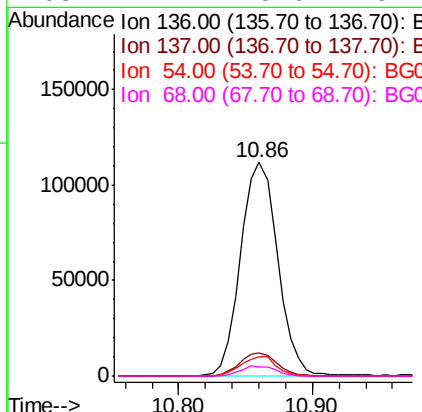
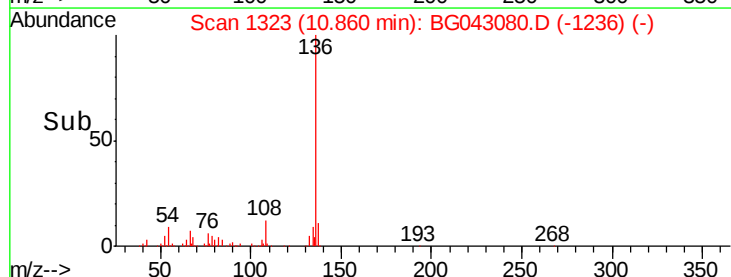
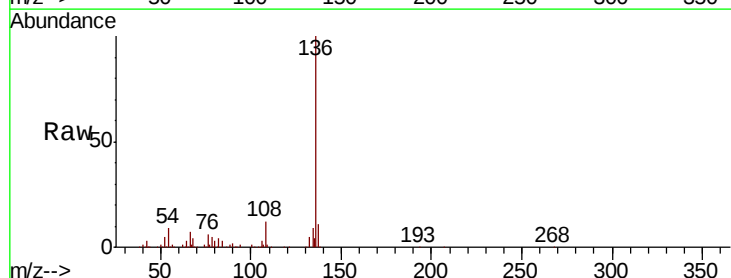
Instrument :
BNA_G
ClientSampleId :

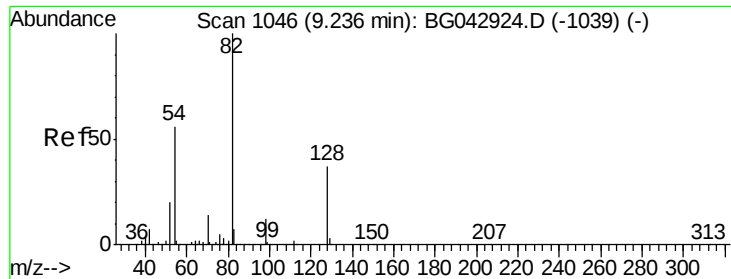
Tot Ion: 70 Resp: 50314
Ion Ratio Lower Upper
70 100
42 44.5 52.6 79.0#
101 0.0 8.7 13.1#
130 1.3 15.8 23.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

Tgt Ion: 136 Resp: 214906
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 8.8 7.4 11.2
68 4.1 3.6 5.4

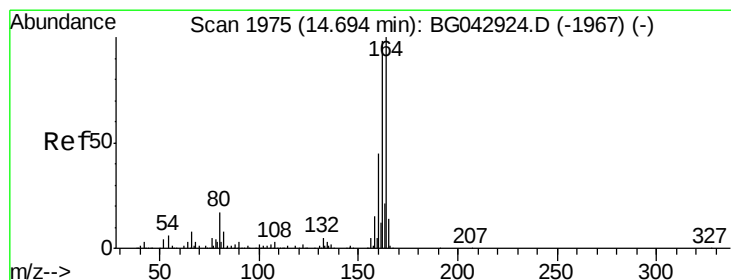
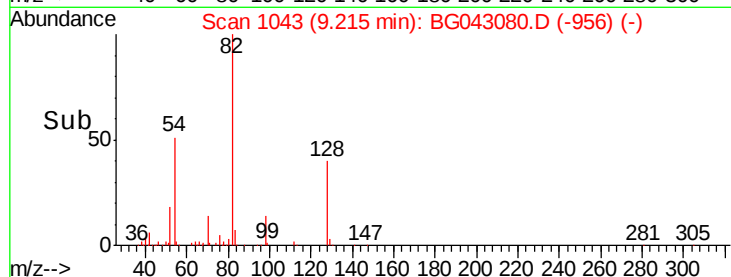
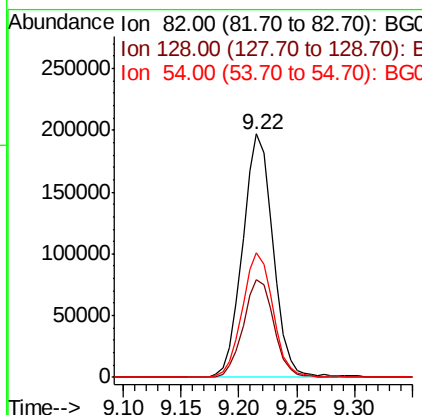
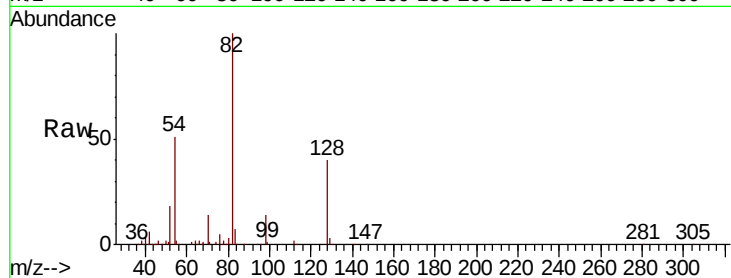




#23
Nitrobenzene-d5
Concen: 81.739 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

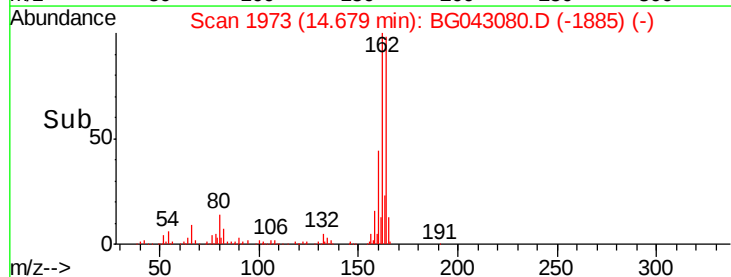
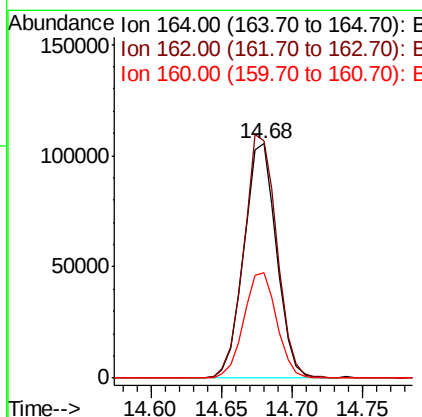
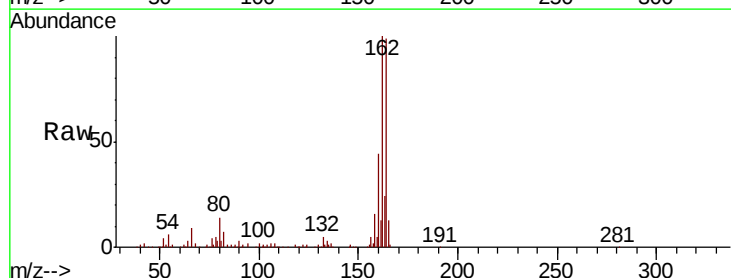
Instrument :
BNA_G
ClientSampled :

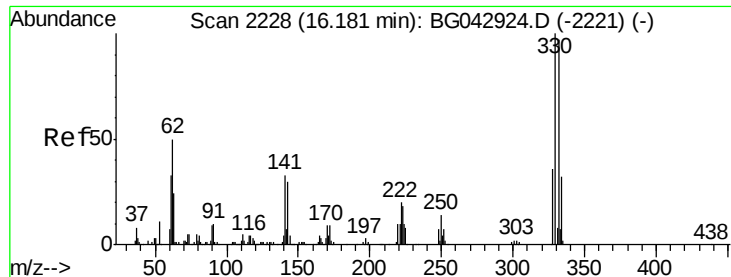
Tot Ion	82.00	Resp	361407
Ion Ratio	Lower	Upper	
82	100		
128	40.0	29.5	44.3
54	51.0	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

Tgt Ion	164.00	Resp	171167
Ion Ratio	Lower	Upper	
164	100		
162	101.4	78.5	117.7
160	45.1	35.9	53.9

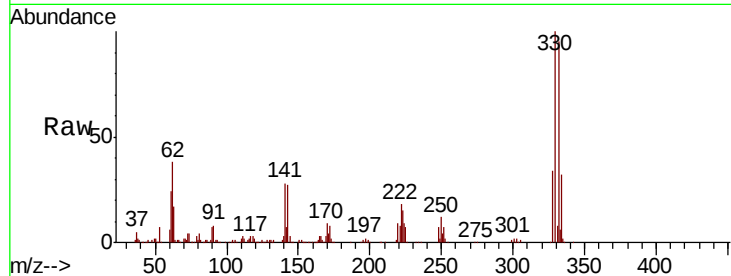




#42
 2,4,6-Tribromophenol
 Concen: 143.228 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG043080.D
 Acq: 7 Oct 2019 23:00

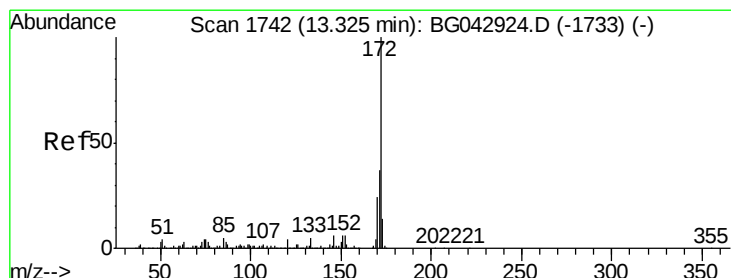
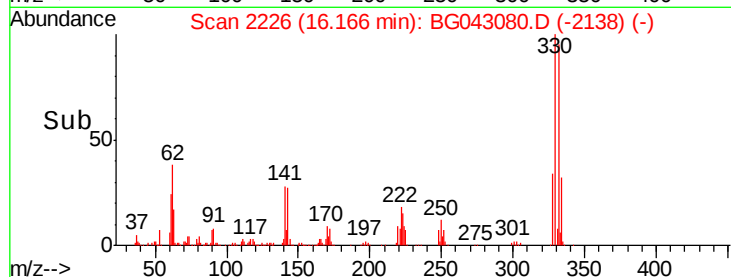
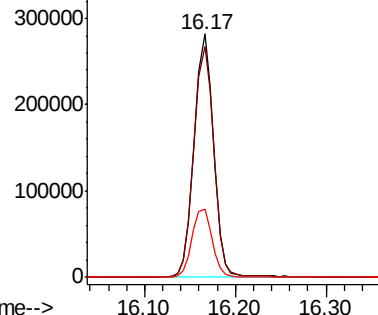
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.2	117.2
141	29.1	26.0	39.0



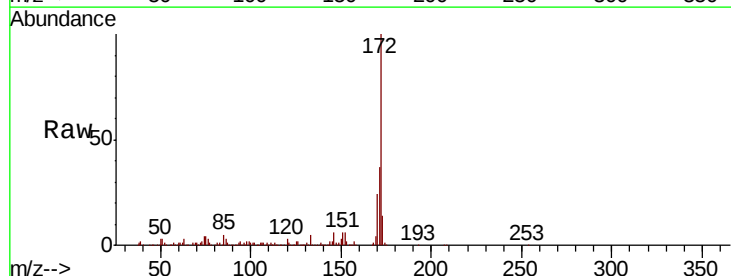
Abundance

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



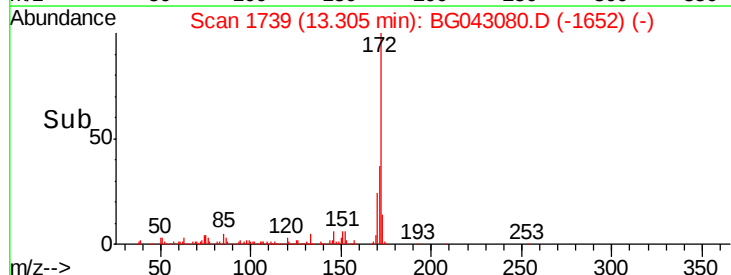
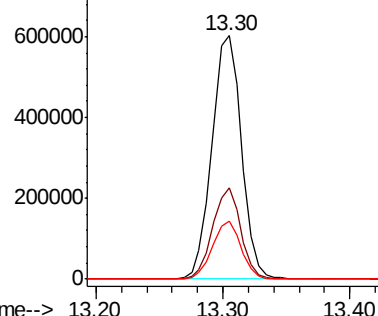
#45
 2-Fluorobiphenyl
 Concen: 82.243 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043080.D
 Acq: 7 Oct 2019 23:00

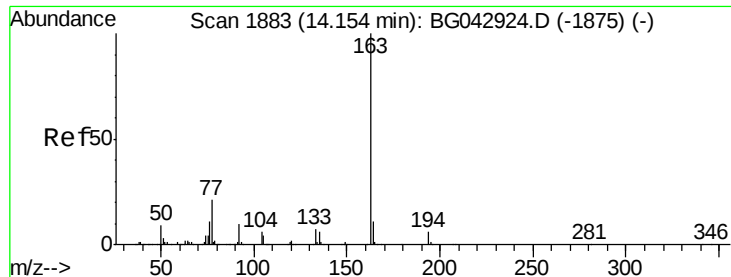
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	23.9	19.6	29.4



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

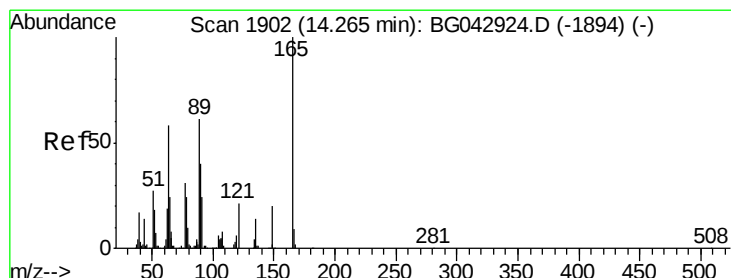
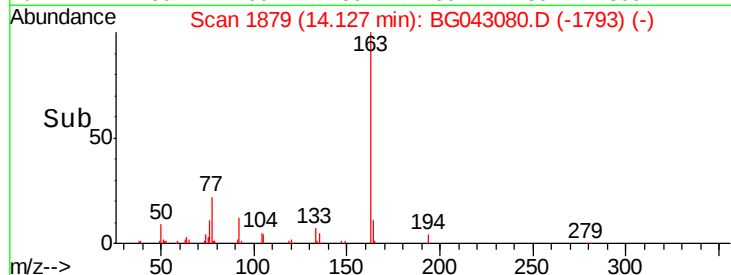
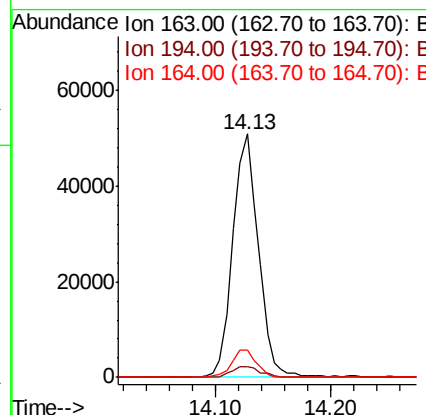
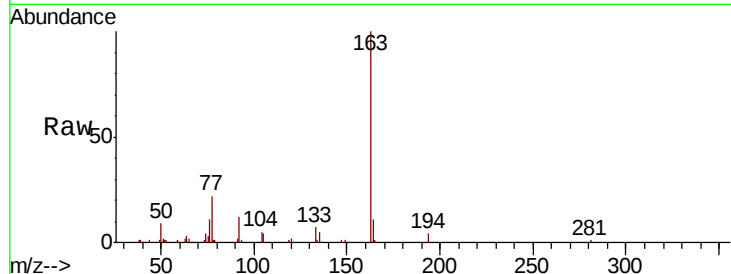




#50
Dimethylphthalate
Concen: 6.117 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.03 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

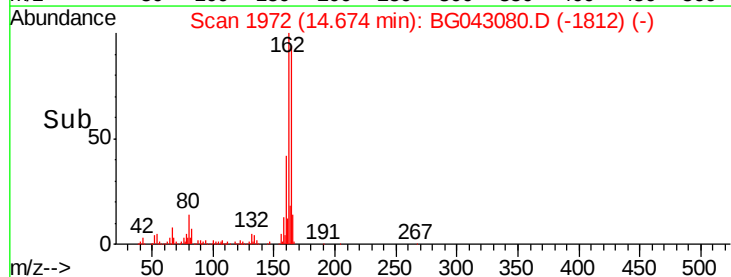
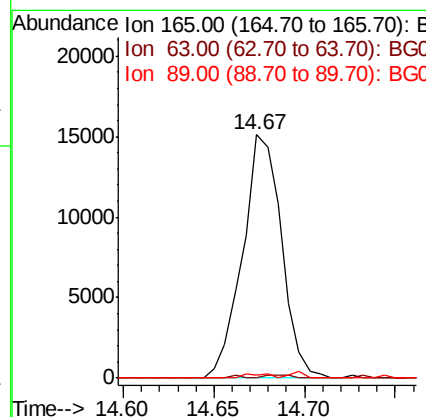
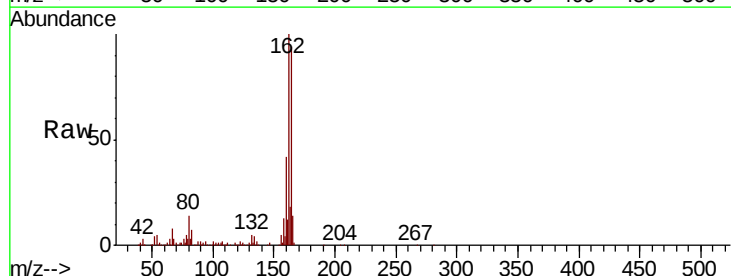
Instrument :
BNA_G
ClientSampleId :

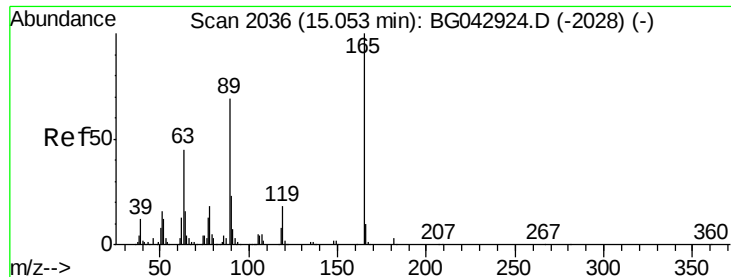
Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.5	4.4	6.6	
164	11.0	8.6	12.8	



#51
2,6-Dinitrotoluene
Concen: 8.299 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.41 min
Lab File: BG043080.D
Acq: 7 Oct 2019 23:00

Tgt Ion	Ion	Ratio	Lower	Upper
165	100			
63	0.0	50.3	75.5#	
89	1.5	48.9	73.3#	

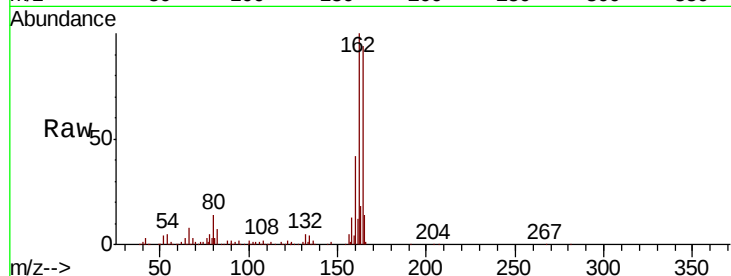




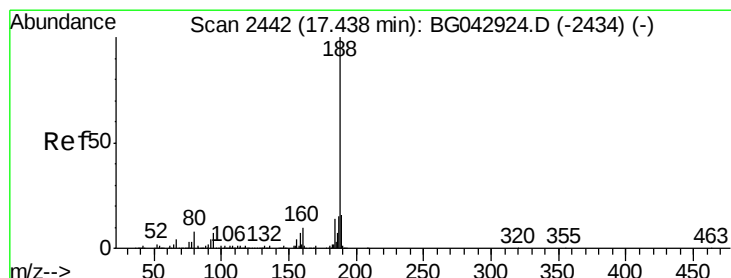
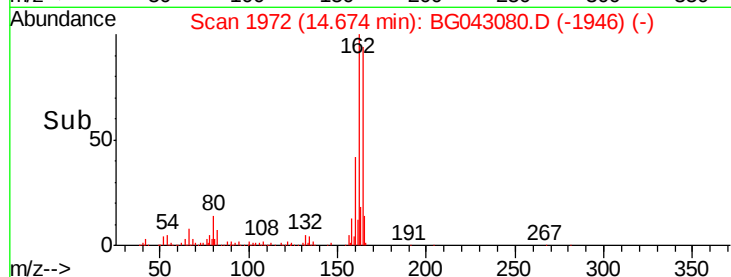
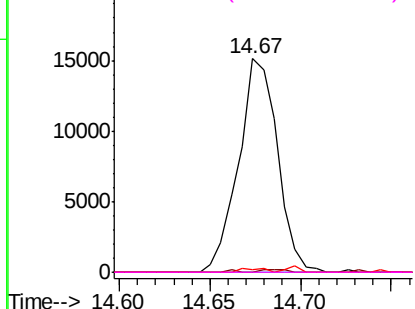
#57
 2,4-Dinitrotoluene
 Concen: 5.667 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG043080.D
 Acq: 7 Oct 2019 23:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	22665
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.5 54.7#
89	1.5	55.5 83.3#
182	0.0	2.4 3.6#

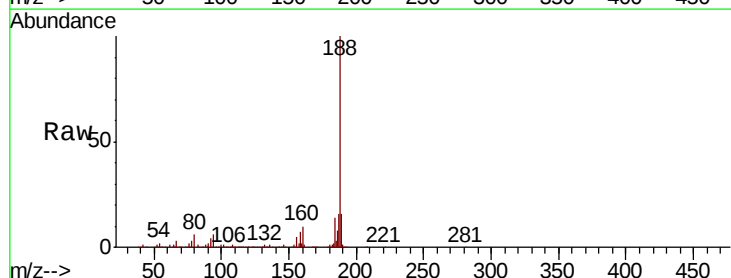


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

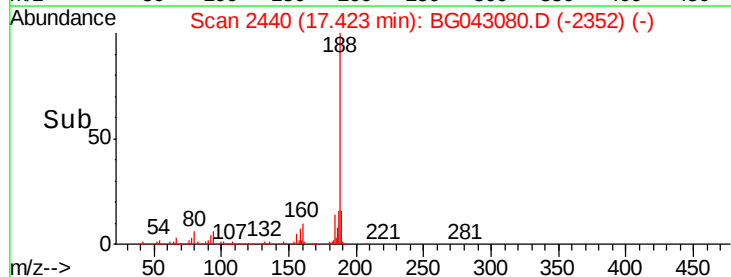
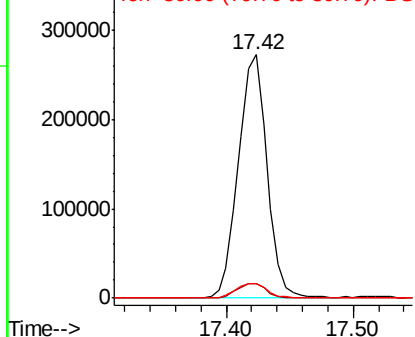


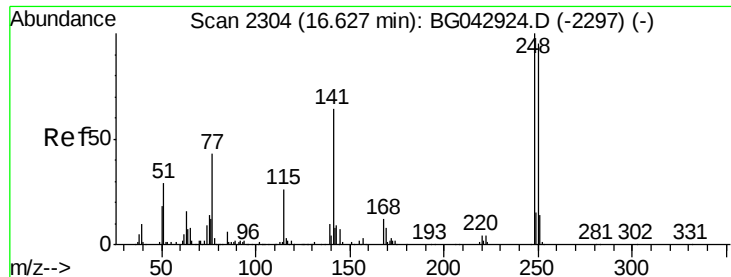
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG043080.D
 Acq: 7 Oct 2019 23:00

Tgt Ion:188	Resp:	427752
Ion Ratio	Lower	Upper
188	100	
94	5.9	5.7 8.5
80	6.1	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: 5.262 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

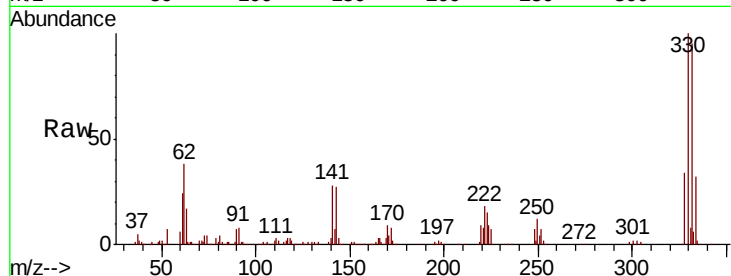
Instrument :

BNA_G

ClientSampleId :

Tot Ion:248 Resp: 28251

Ion	Ratio	Lower	Upper
248	100		
250	190.7	75.8	113.8#
141	431.5	51.1	76.7#

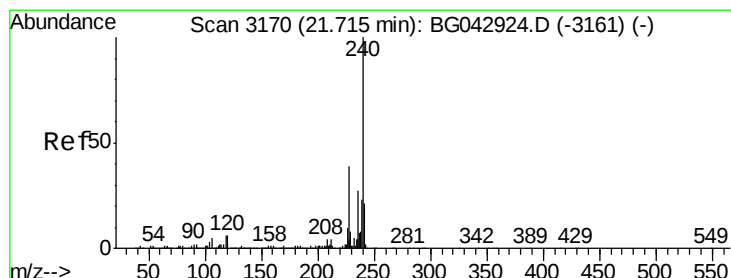
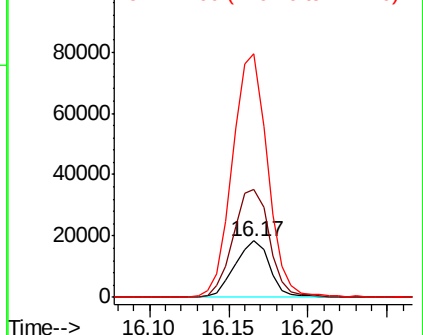
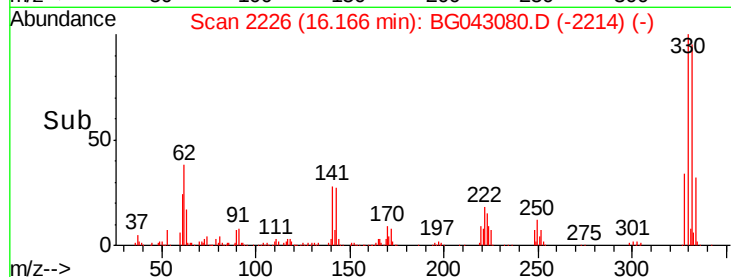


Abundance

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

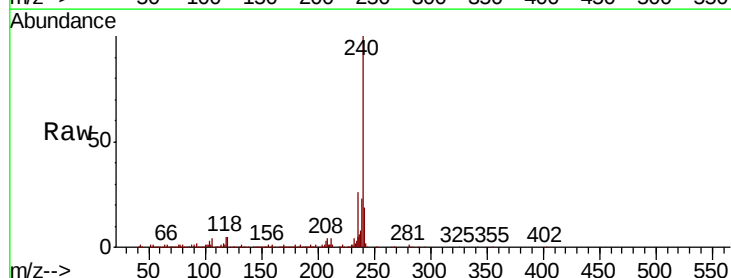
Delta R.T. -0.03 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

Tgt Ion:240 Resp: 449941

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.8	7.2
236	26.1	21.4	32.0

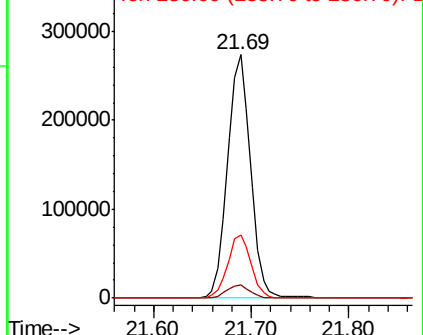
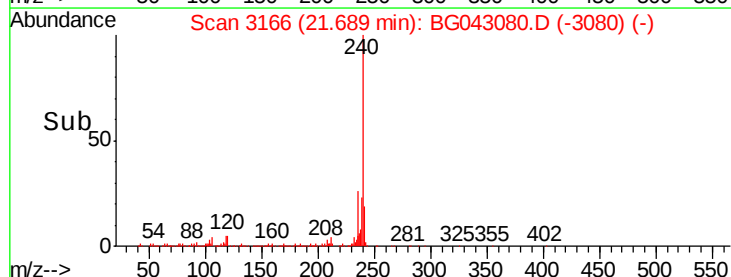


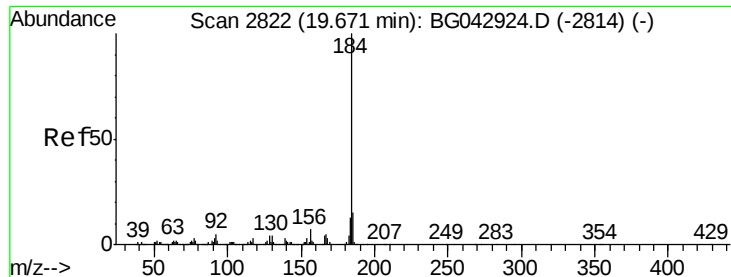
Abundance

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: 3.039 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.36 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

Instrument :

BNA_G

ClientSampleId :

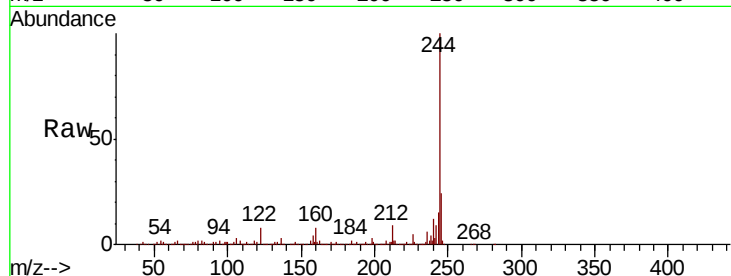
Tot Ion:184 Resp: 34236

Ion Ratio Lower Upper

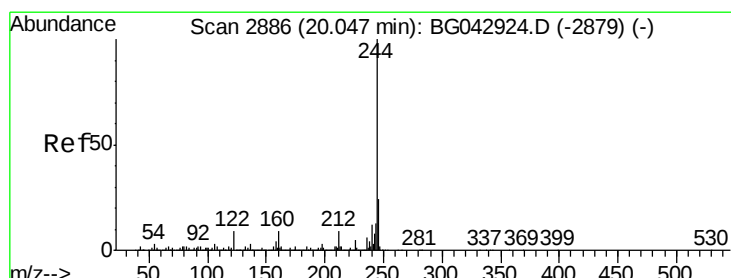
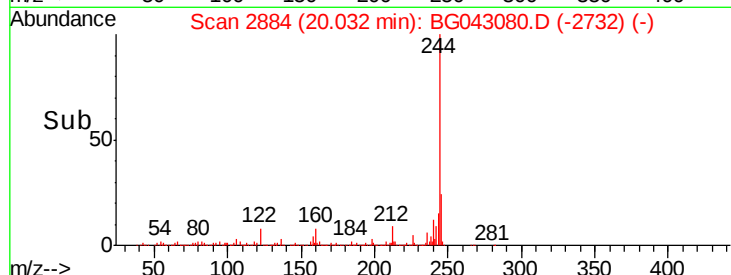
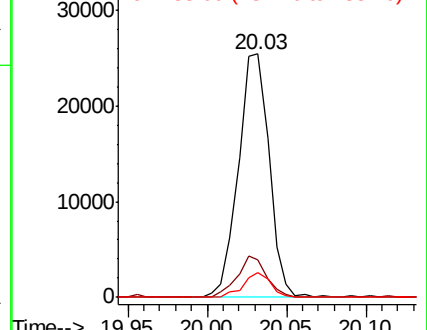
184 100

185 15.4 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: 98.136 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043080.D

Acq: 7 Oct 2019 23:00

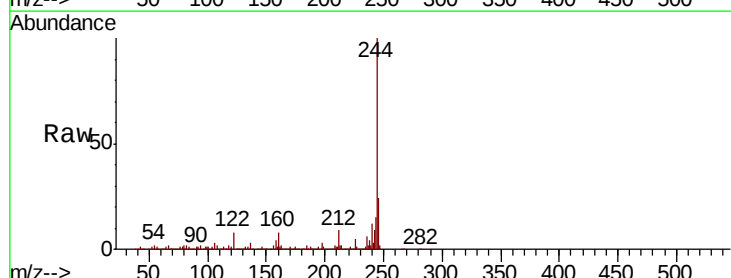
Tgt Ion:244 Resp: 2072174

Ion Ratio Lower Upper

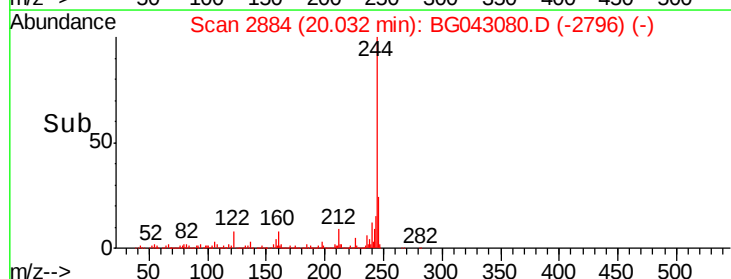
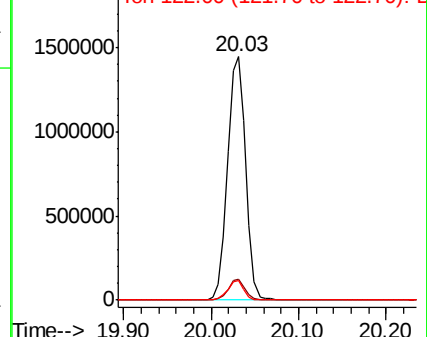
244 100

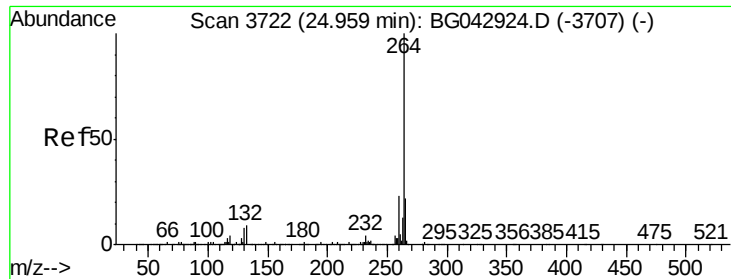
212 8.6 7.4 11.0

122 7.9 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

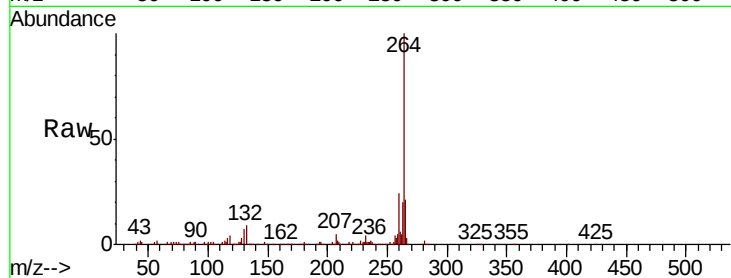




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3713
 Delta R.T. -0.06 min
 Lab File: BG043080.D
 Acq: 7 Oct 2019 23:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.2	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

