

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
 Data File : BG041637.D
 Acq On : 12 Jul 2019 13:02
 Operator : HP/JU
 Sample : K3636-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 15:19:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 05:39:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	80749	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	323810	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	206298	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	503731	20.00	ng	0.00
76) Chrysene-d12	21.66	240	523472	20.00	ng	-0.01
87) Perylene-d12	24.86	264	577375	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	273874	56.92	ng	0.00
7) Phenol-d6	7.20	99	239274	36.70	ng	0.00
23) Nitrobenzene-d5	9.21	82	473061	89.03	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	312349	132.40	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1222944	93.20	ng	0.00
79) Terphenyl-d14	20.02	244	1982476	92.56	ng	0.00

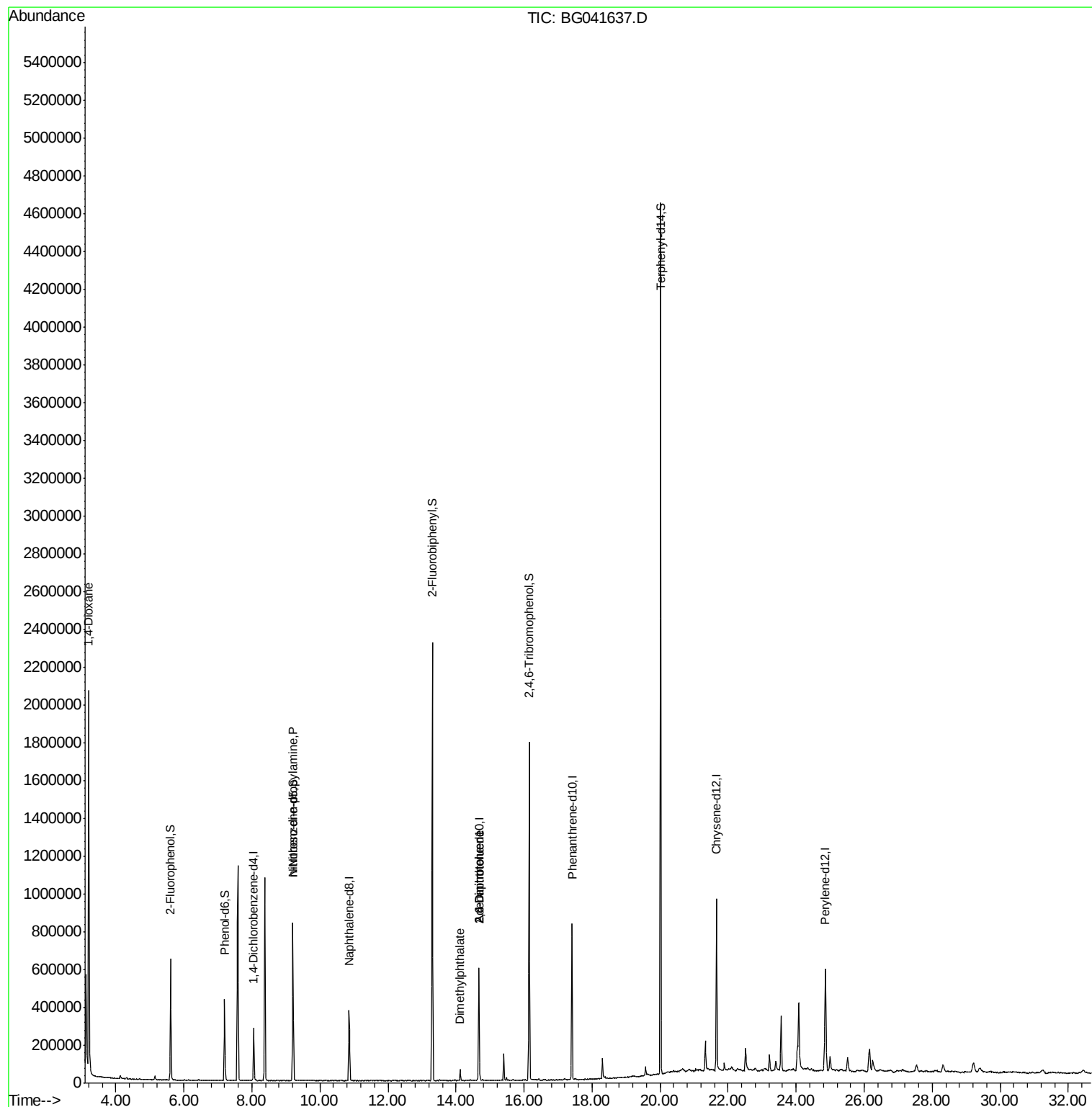
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	18948	8.678	ng	# 1
9) Benzaldehyde	7.20	77	629	Below	Cal	# 2
19) n-Nitroso-di-n-propylamine	9.21	70	67660	14.132	ng	# 80
50) Dimethylphthalate	14.12	163	40611	2.512	ng	# 99
51) 2,6-Dinitrotoluene	14.67	165	26592	8.247	ng	# 17
57) 2,4-Dinitrotoluene	14.67	165	26592	6.270	ng	# 21
65) 4,6-Dinitro-2-methylphenol	16.15	198	1050	Below	Cal	# 1
66) n-Nitrosodiphenylamine	16.15	169	12502	Below	Cal	# 49
68) Hexachlorobenzene	16.56	284	67	Below	Cal	# 43
77) Benzidine	20.02	184	35621	Below	Cal	# 95
80) Butylbenzylphthalate	21.07	149	255	Below	Cal	# 89
82) 3,3'-Dichlorobenzidine	21.56	252	62	Below	Cal	# 1
86) Indeno(1,2,3-cd)pyrene	28.57	276	62	Below	Cal	# 1

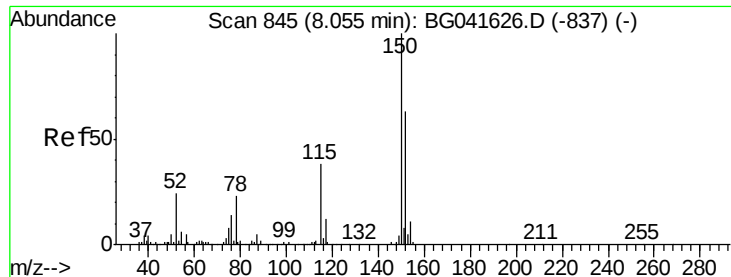
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
Data File : BG041637.D
Acq On : 12 Jul 2019 13:02
Operator : HP/JU
Sample : K3636-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 12 15:19:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:39:06 2019
Response via : Initial Calibration



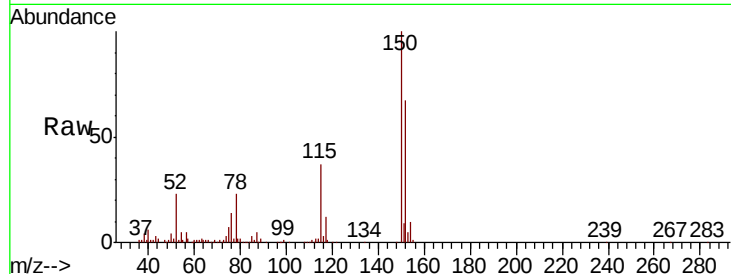


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	120.6	181.0
115	55.0	47.9	71.9

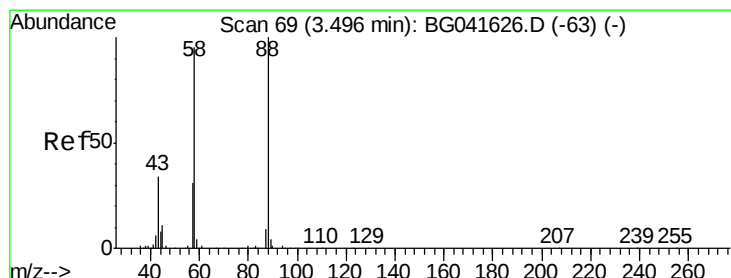
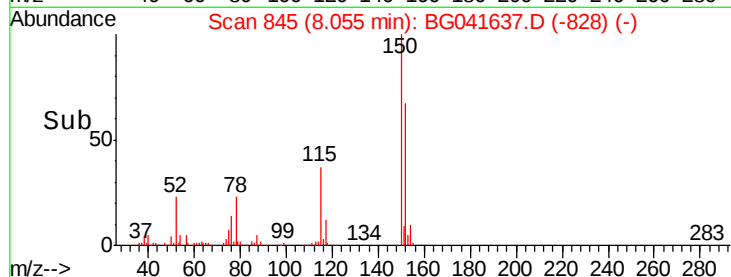
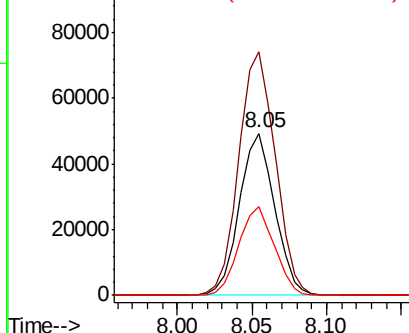


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

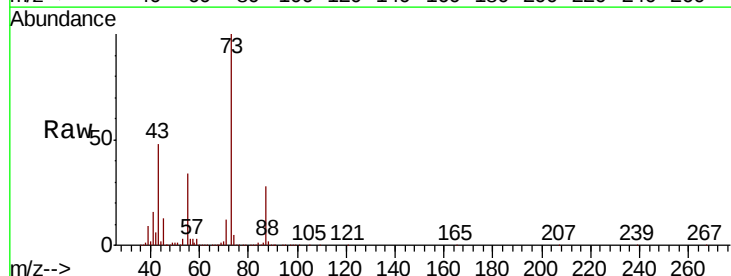
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 8.678 ng
RT: 3.20 min Scan# 19
Delta R.T. -0.29 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	42.6	59.7	89.5#
43	2973.3	31.9	47.9#

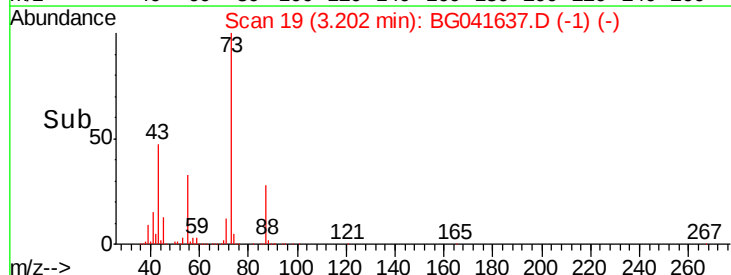
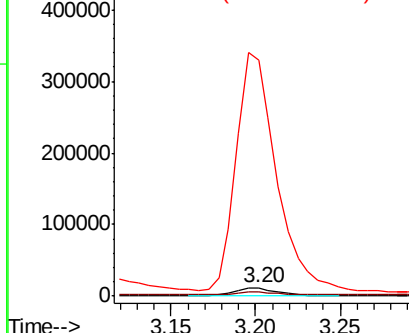


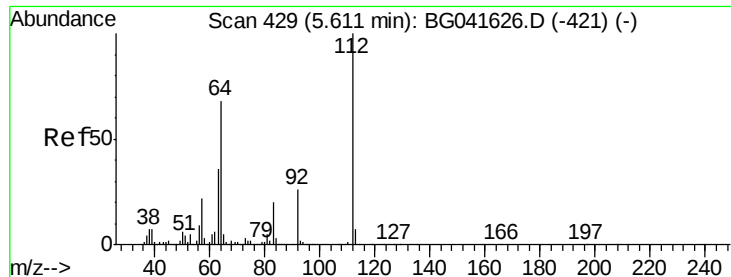
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 56.915 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

Instrument :

BNA_G

ClientSampled :

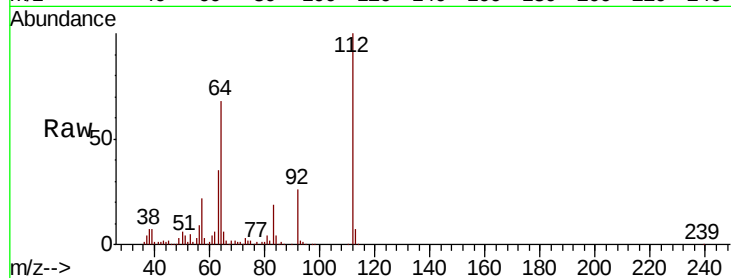
Tot Ion:112 Resp: 273874

Ion Ratio Lower Upper

112 100

64 68.4 55.9 83.9

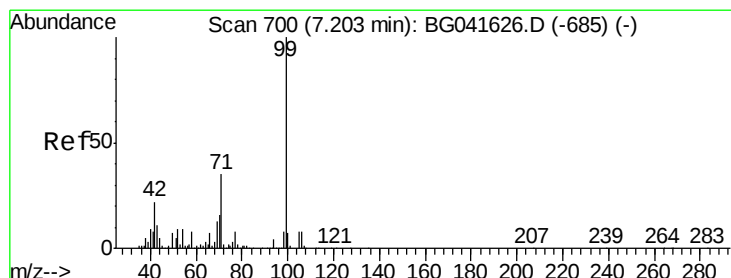
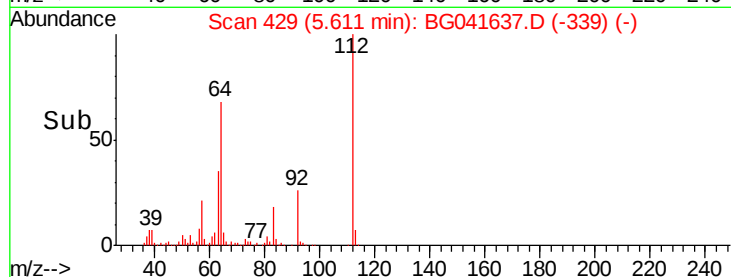
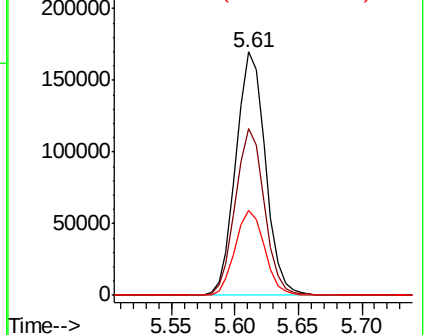
63 34.8 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 36.703 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

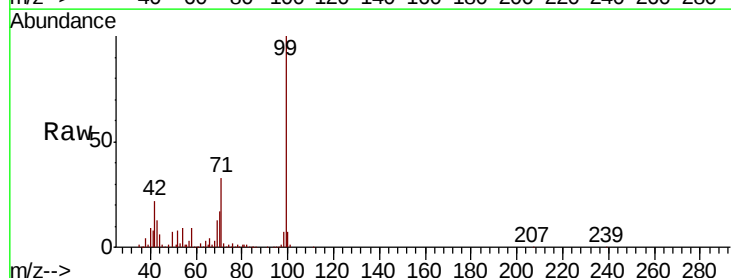
Tgt Ion: 99 Resp: 239274

Ion Ratio Lower Upper

99 100

42 22.2 19.9 29.9

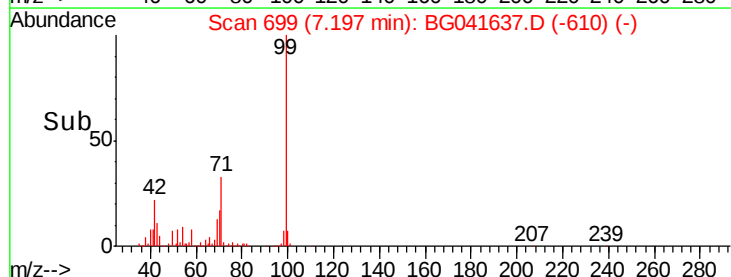
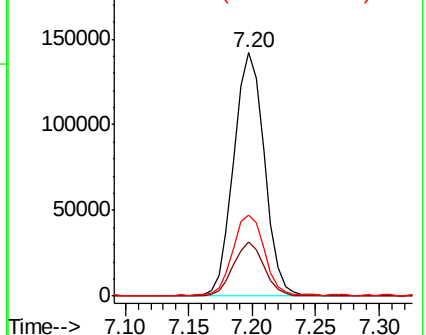
71 33.2 36.4 54.6#

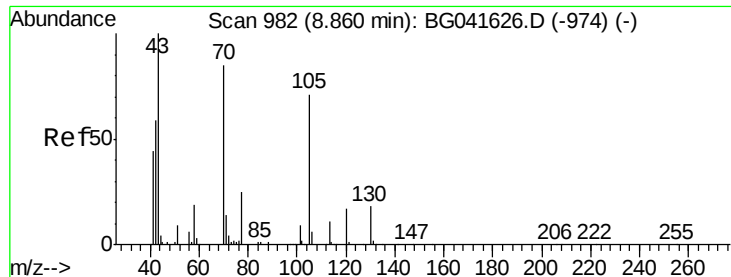


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

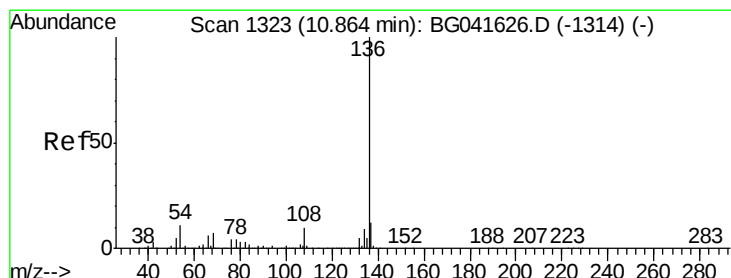
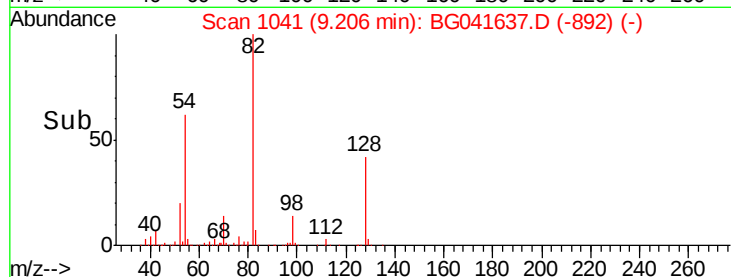
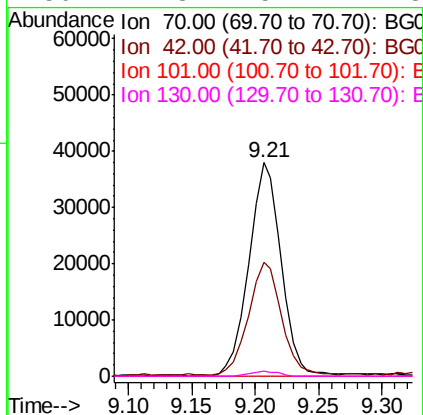
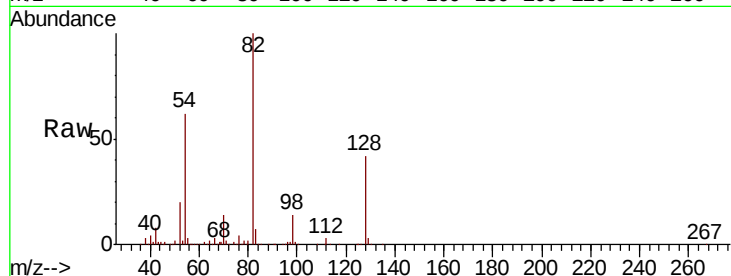




#19
n-Nitroso-di-n-propylamine
Concen: 14.132 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

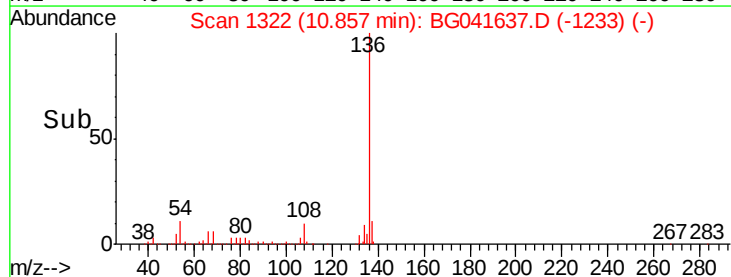
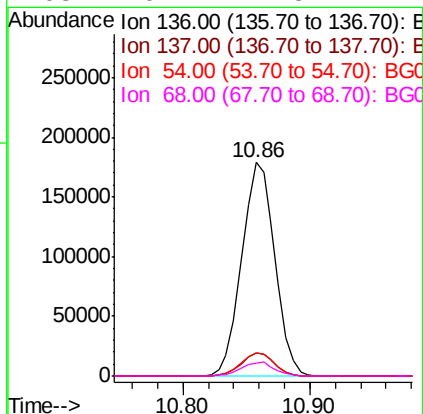
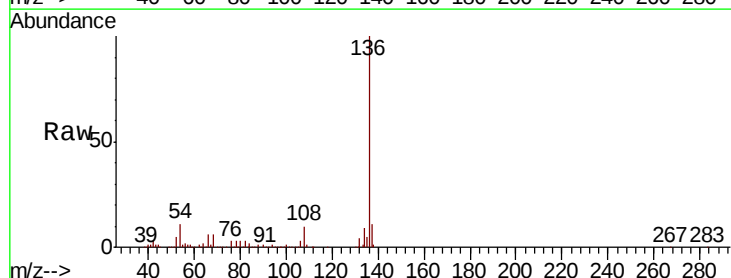
Instrument :
BNA_G
ClientSampled :

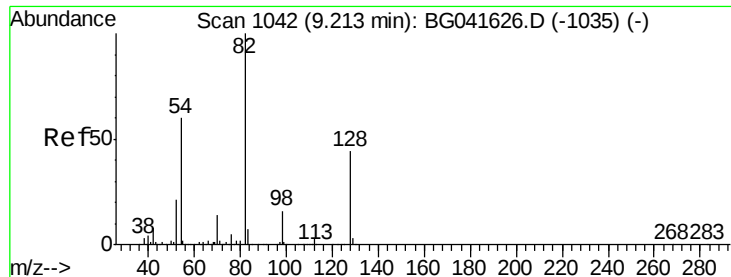
Tot Ion: 70 Resp: 67660
Ion Ratio Lower Upper
70 100
42 53.6 51.4 77.2
101 0.0 8.2 12.2#
130 2.3 15.2 22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

Tgt Ion:136 Resp: 323810
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.1 6.4 9.6#
68 6.2 4.8 7.2

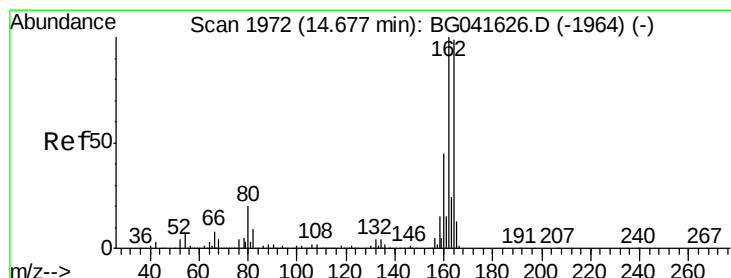
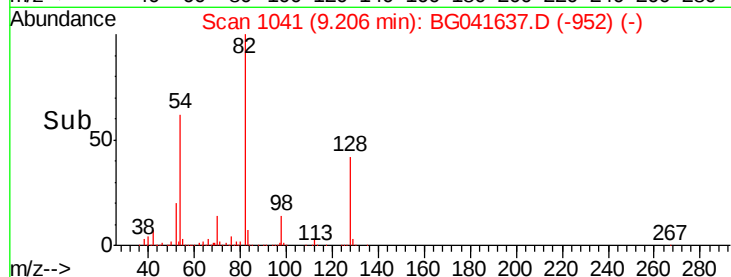
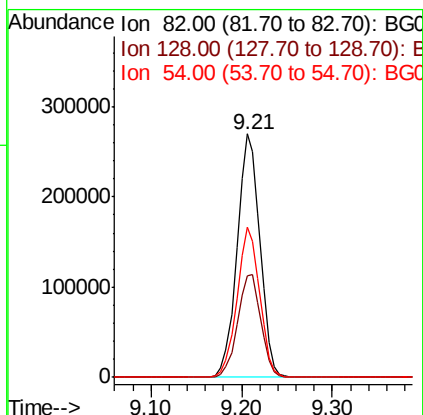
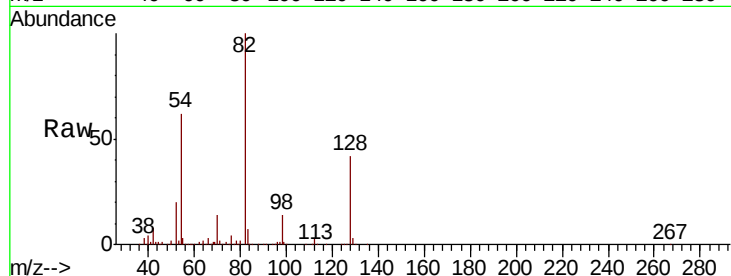




#23
 Nitrobenzene-d5
 Concen: 89.035 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

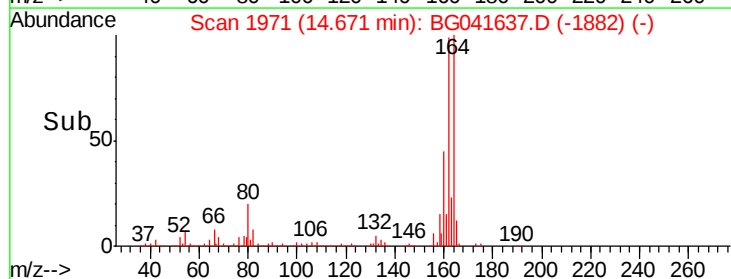
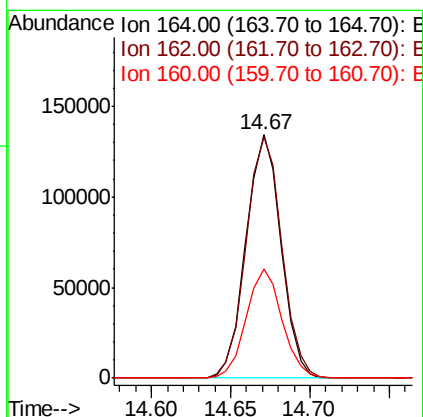
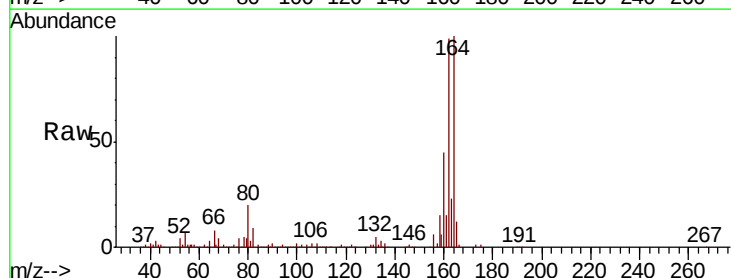
Instrument :
 BNA_G
 ClientSampleId :

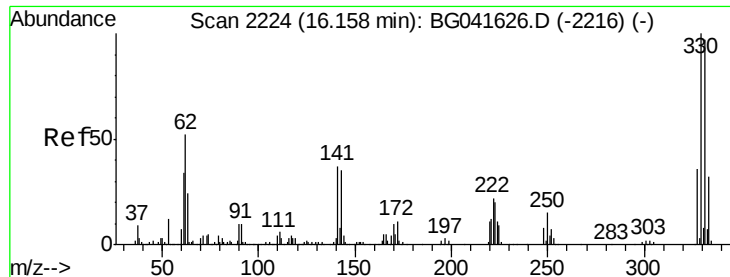
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	29.2	43.8
54	61.9	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.8	124.2
160	44.7	35.8	53.8

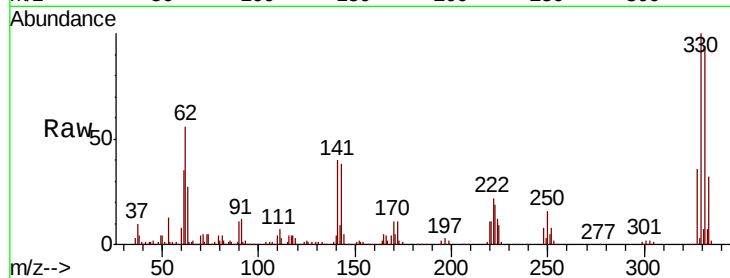




#42
 2,4,6-Tribromophenol
 Concen: 132.403 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.5	113.3
141	40.8	29.0	43.4

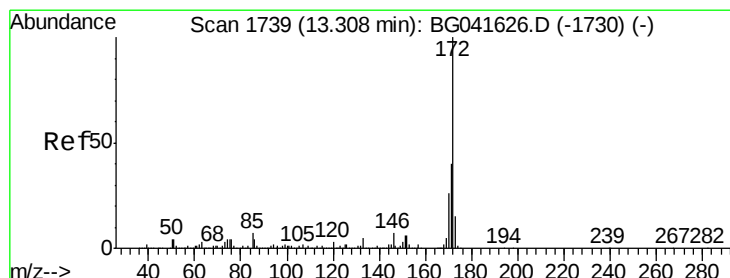
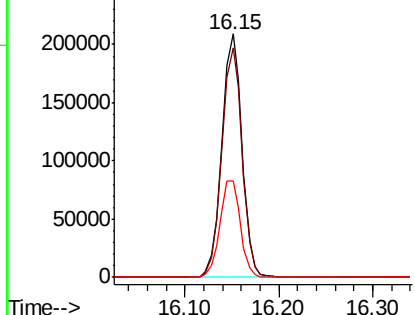
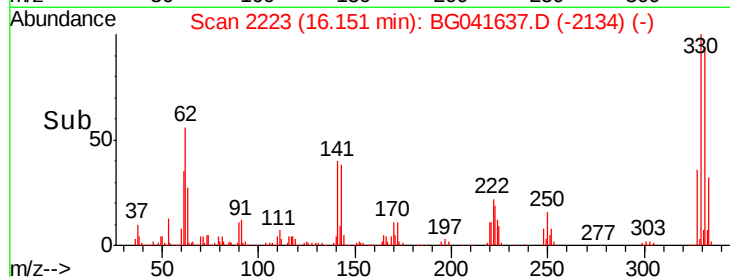


Abundance

Ion 329.80 (329.50 to 330.50): E

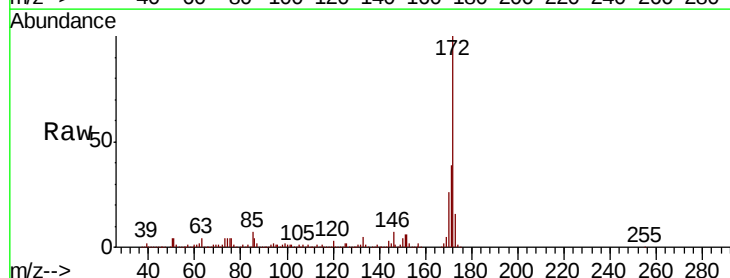
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.197 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	26.1	19.8	29.6

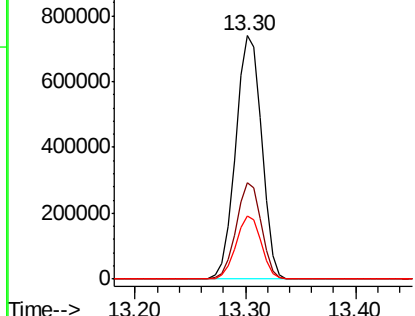
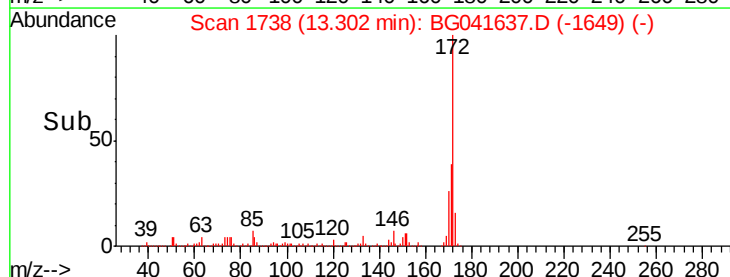


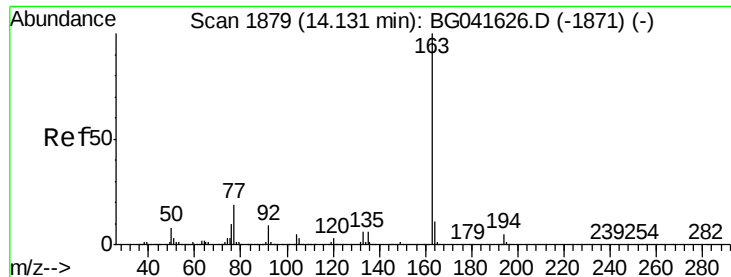
Abundance

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

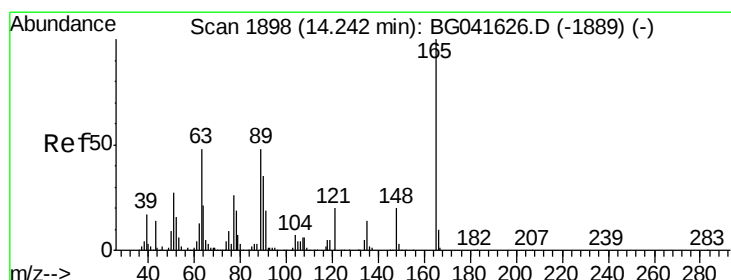
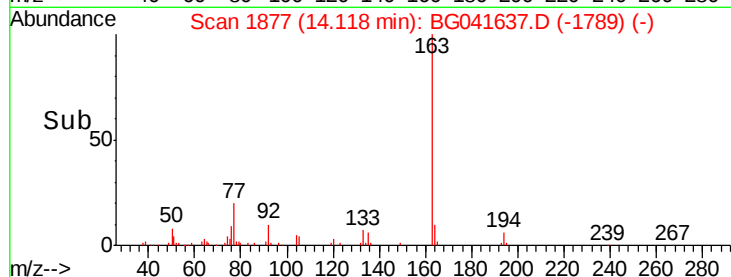
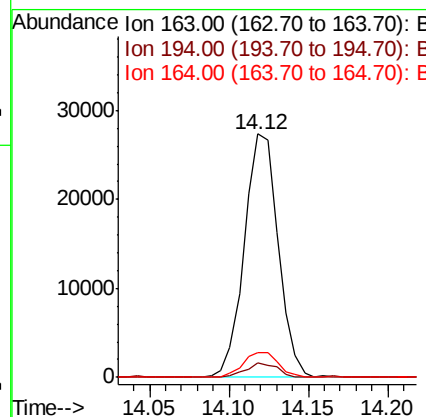
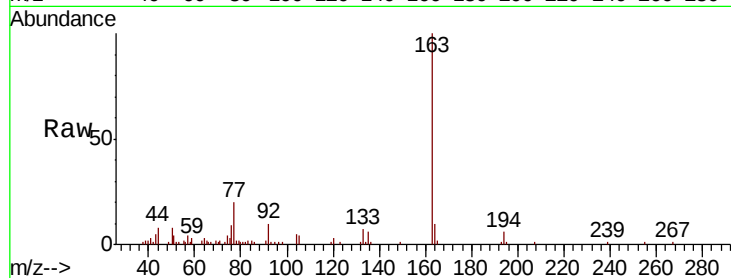




#50
Dimethylphthalate
Concen: 2.512 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

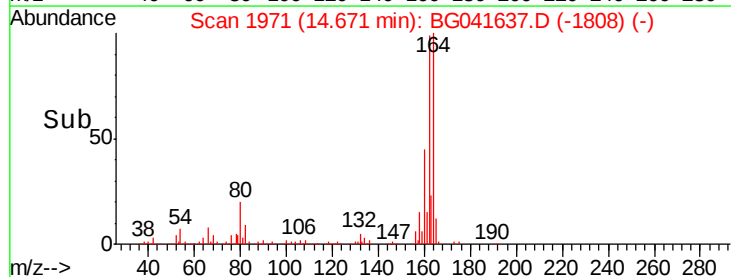
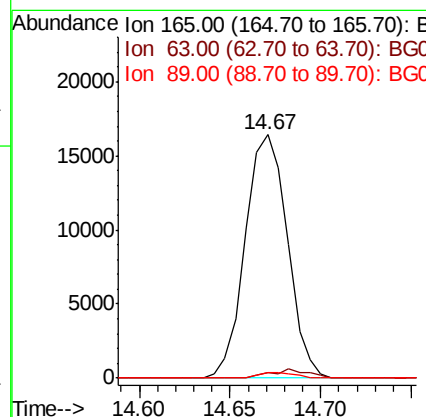
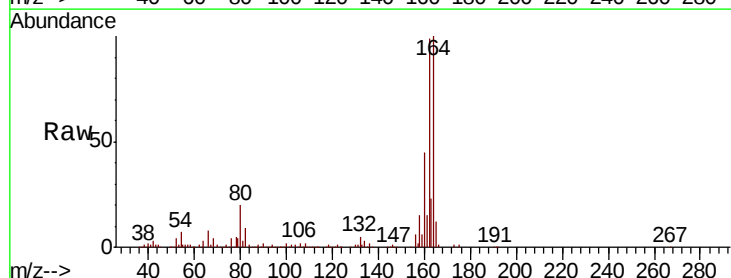
Instrument :
BNA_G
ClientSampleId :

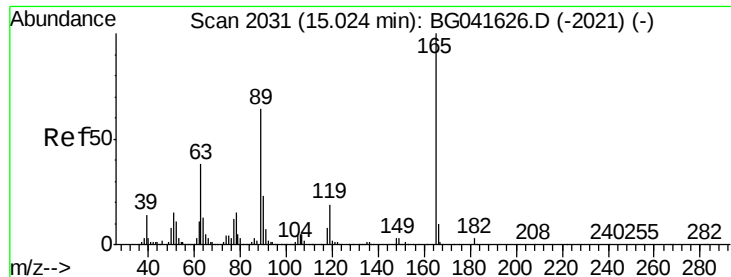
Tot Ion	163	Resp	40611
Ion Ratio	100	Lower	Upper
163	100		
194	6.0	3.9	5.9#
164	10.3	8.3	12.5



#51
2,6-Dinitrotoluene
Concen: 8.247 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.43 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

Tgt Ion	165	Resp	26592
Ion Ratio	100	Lower	Upper
165	100		
63	2.4	55.4	83.0#
89	2.1	56.5	84.7#

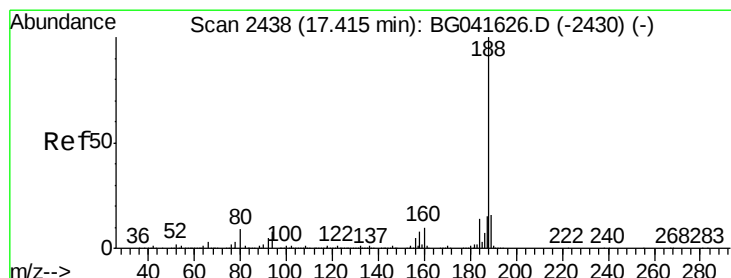
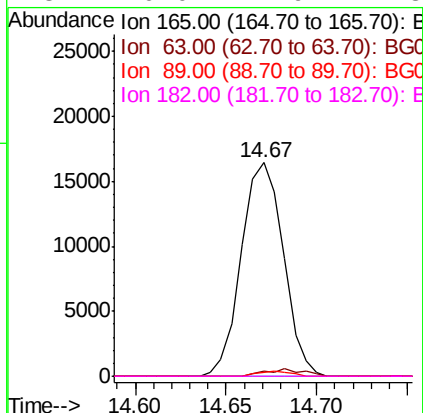
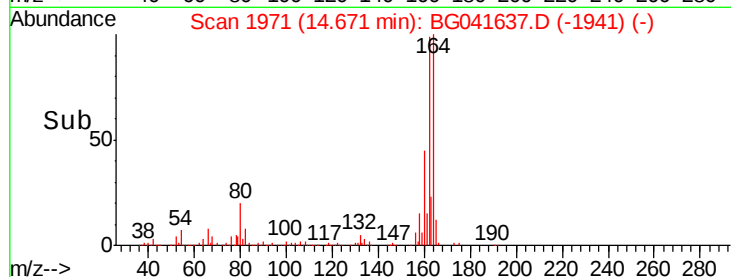
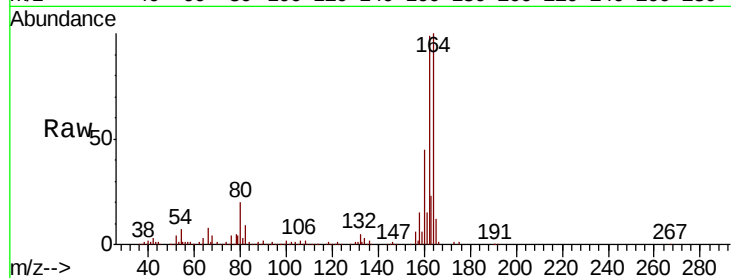




#57
2,4-Dinitrotoluene
Concen: 6.270 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.35 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

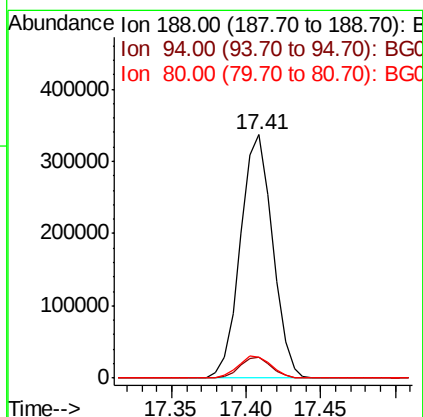
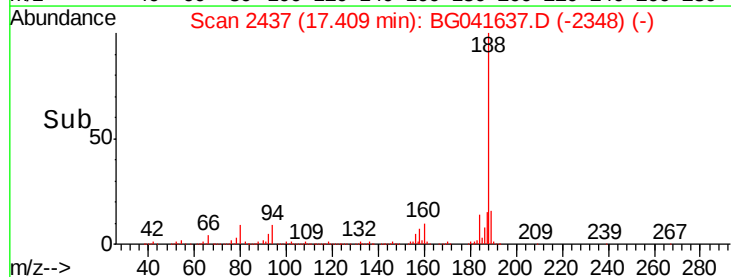
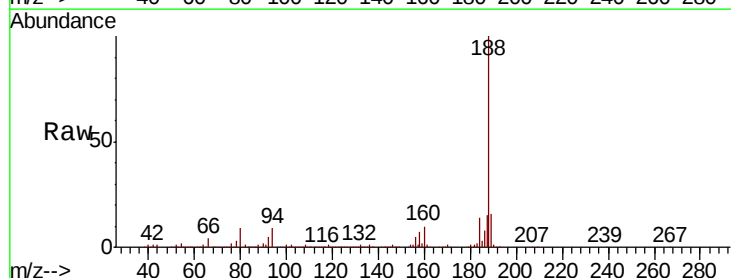
Instrument :
BNA_G
ClientSampleId :

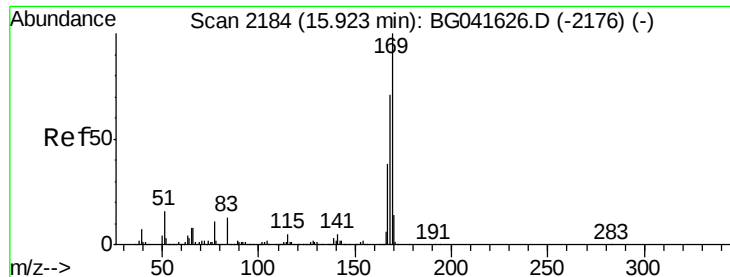
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	40.0	60.0#
89	2.1	64.6	96.8#
182	0.0	2.9	4.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	3.6	5.4#
80	8.7	4.8	7.2#

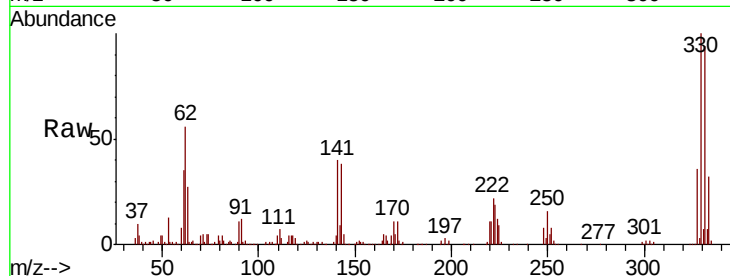




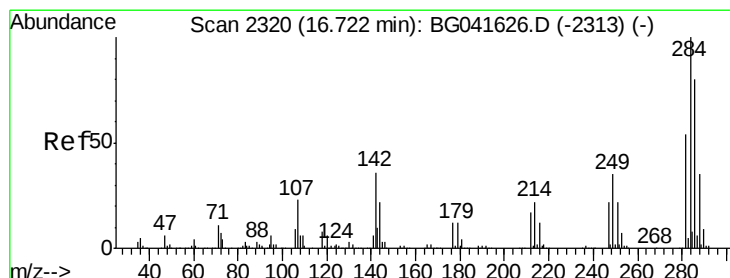
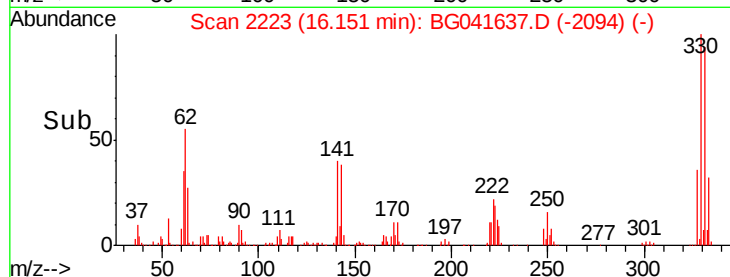
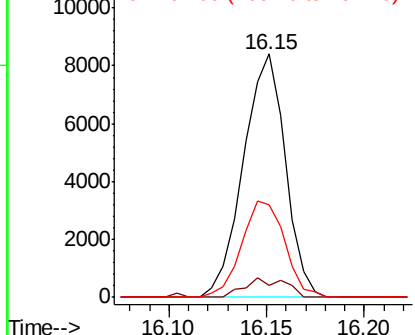
#66
 n-Nitrosodiphenylamine
 Concen: Below Cal
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.23 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	4.9	55.2	82.8#
167	38.2	30.4	45.6

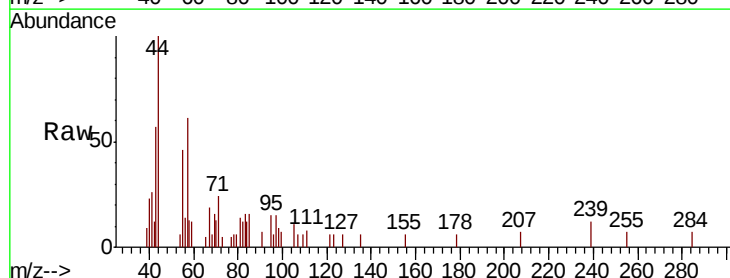


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

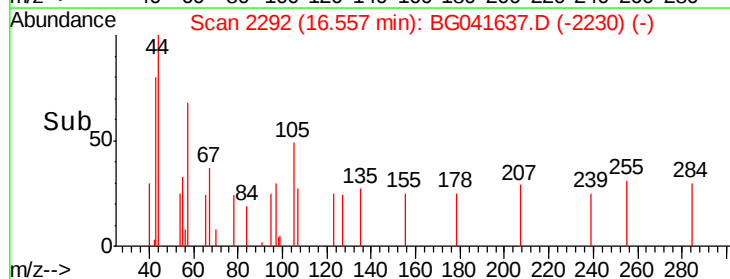
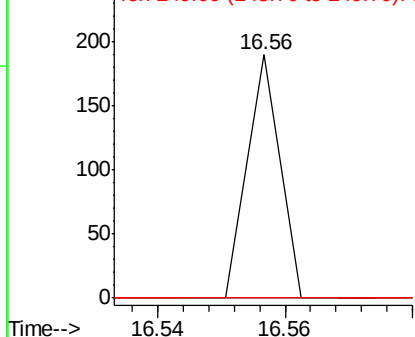


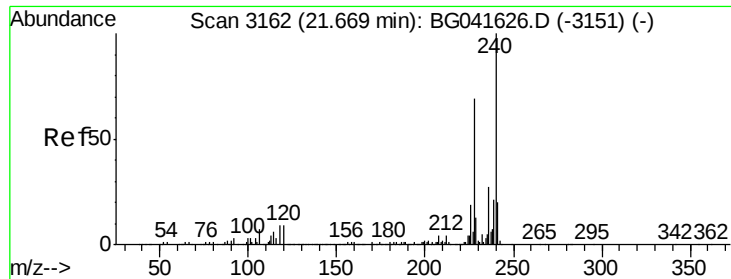
#68
 Hexachlorobenzene
 Concen: Below Cal
 RT: 16.56 min Scan# 2292
 Delta R.T. -0.16 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	0.0	21.8	32.8#
249	0.0	27.8	41.6#



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

Instrument :

BNA_G

ClientSampleId :

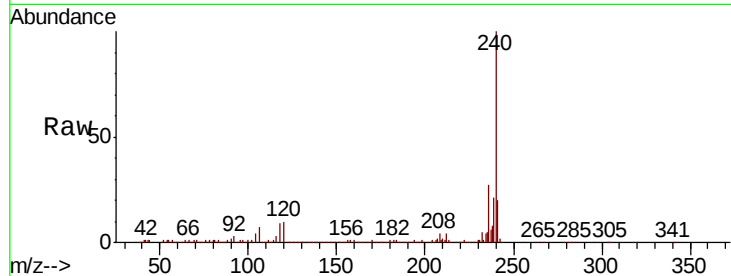
Tot Ion:240 Resp: 523472

Ion Ratio Lower Upper

240 100

120 9.6 3.7 5.5#

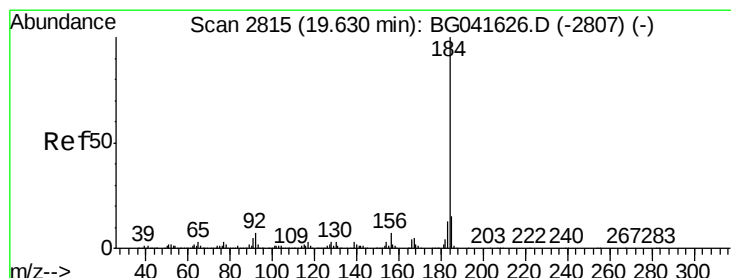
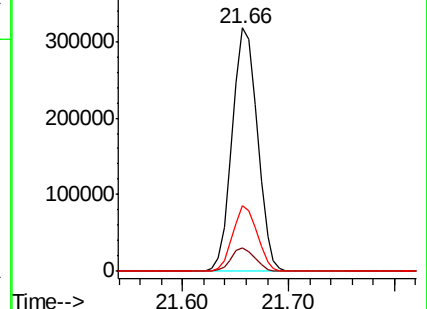
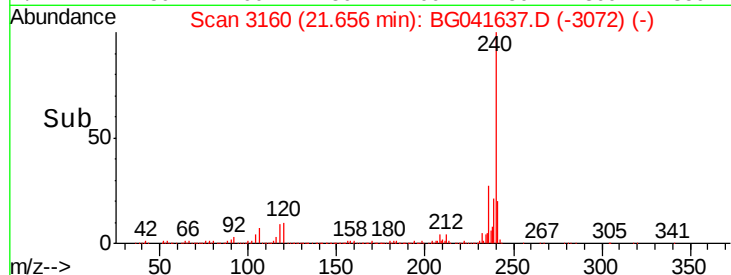
236 27.0 21.1 31.7



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: Below Cal

RT: 20.02 min Scan# 2881

Delta R.T. 0.39 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

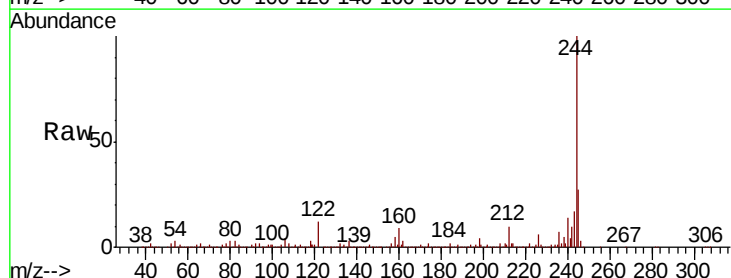
Tgt Ion:184 Resp: 35621

Ion Ratio Lower Upper

184 100

185 16.9 12.2 18.2

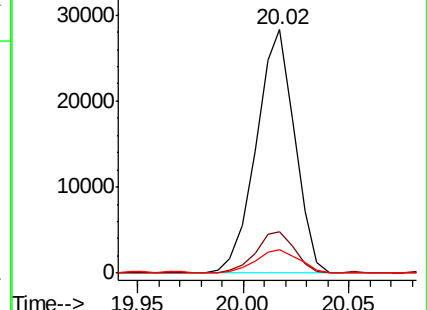
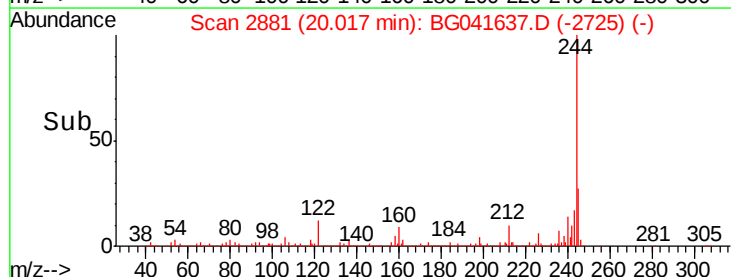
183 9.5 9.6 14.4#

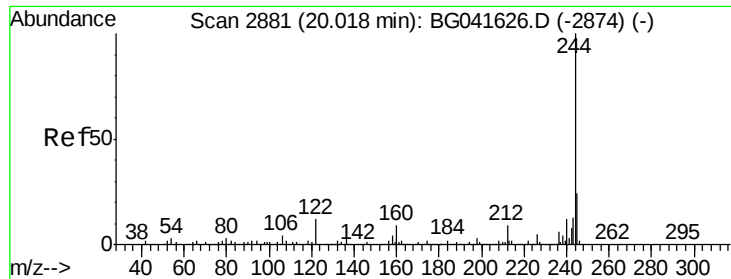


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 92.560 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

Instrument :

BNA_G

ClientSampleId :

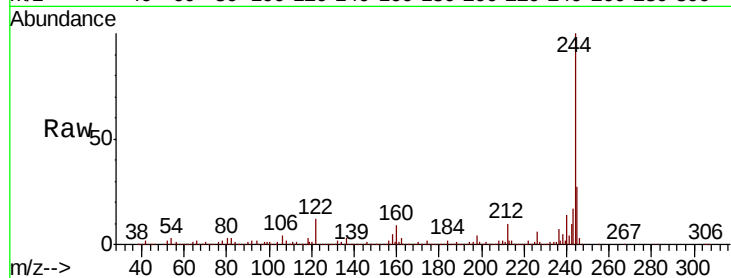
Tot Ion:244 Resp: 1982476

Ion Ratio Lower Upper

244 100

212 10.3 6.6 10.0#

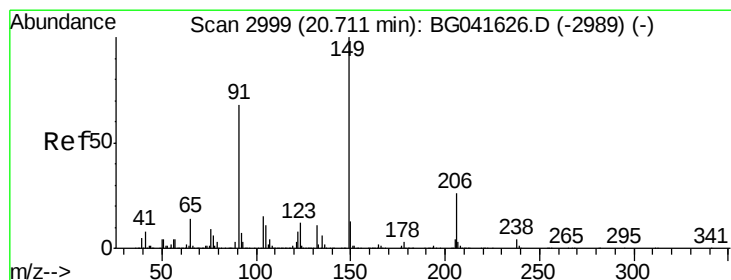
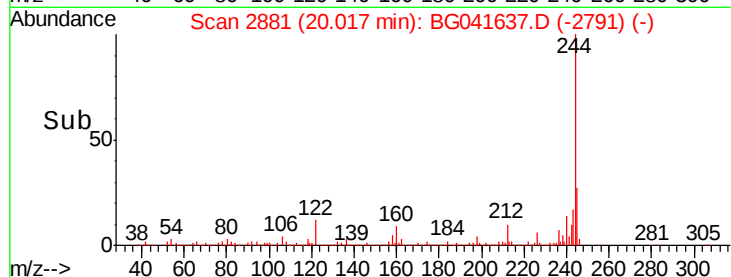
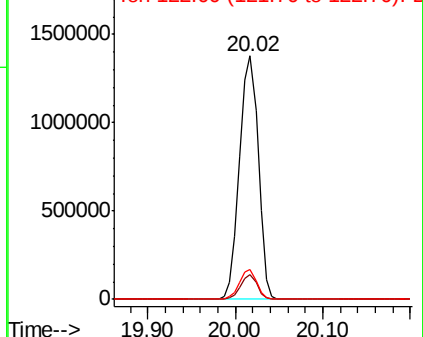
122 12.3 5.0 7.4#



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



#80

Butylbenzylphthalate

Concen: Below Cal

RT: 21.07 min Scan# 3060

Delta R.T. 0.36 min

Lab File: BG041637.D

Acq: 12 Jul 2019 13:02

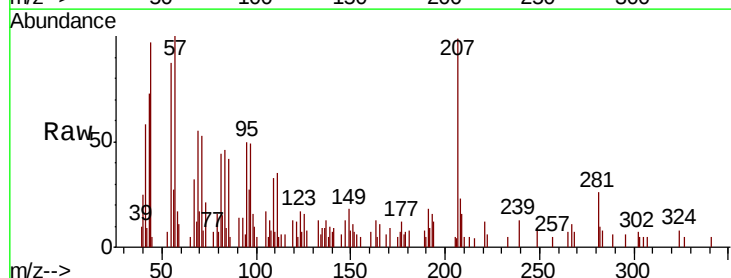
Tgt Ion:149 Resp: 255

Ion Ratio Lower Upper

149 100

91 78.0 53.2 79.8

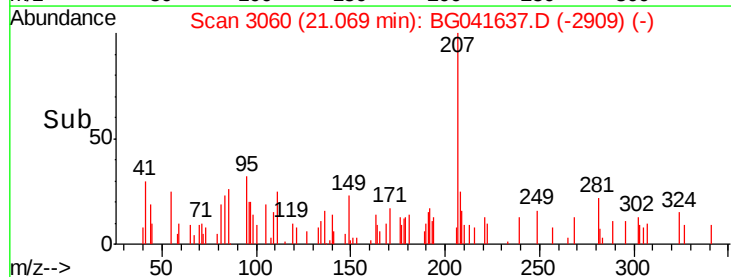
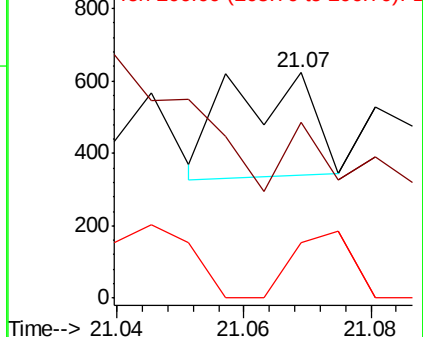
206 24.4 20.3 30.5

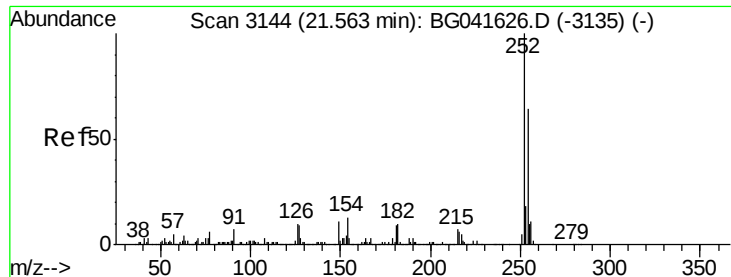


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

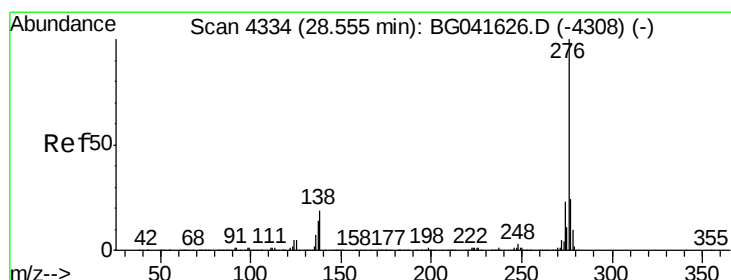
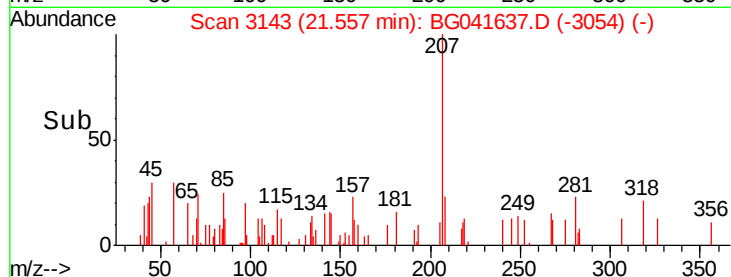
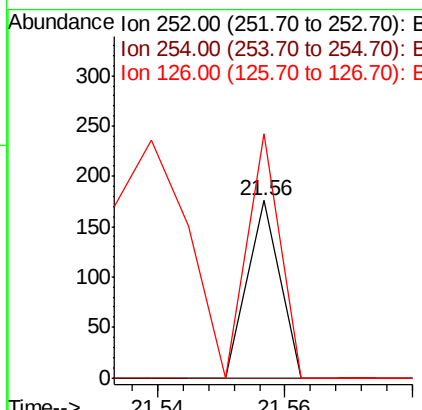
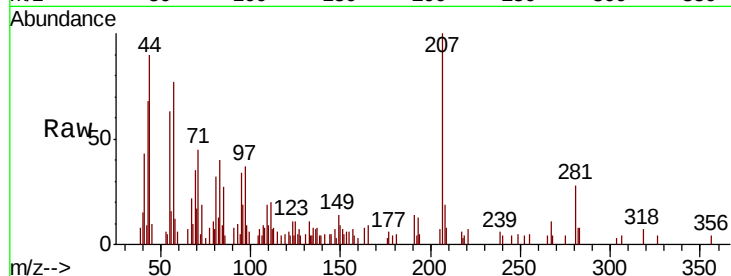




#82
 3,3'-Dichlorobenzidine
 Concen: Below Cal
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

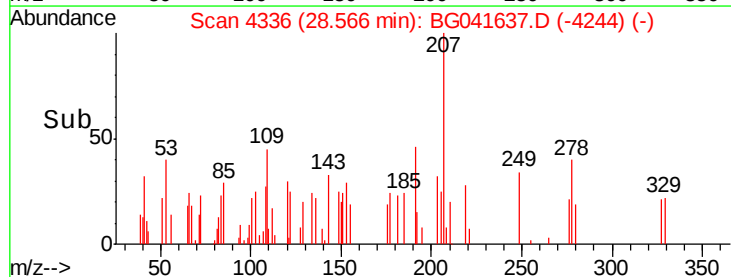
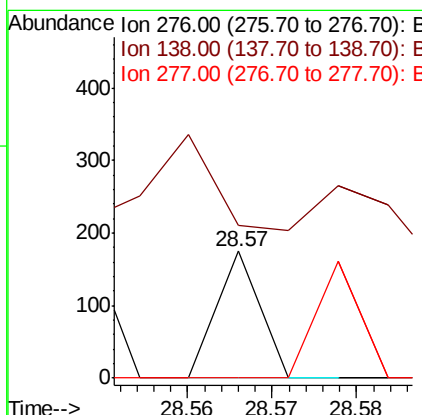
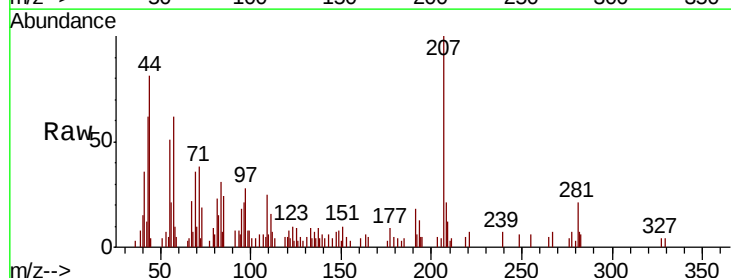
Instrument :
 BNA_G
 ClientSampleId :

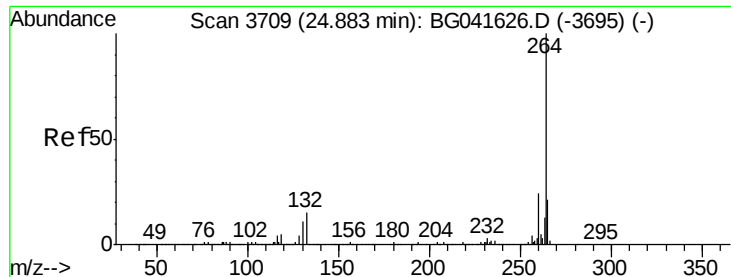
Tot Ion:252 Resp: 62
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.0#
 126 137.5 6.0 9.0#



#86
 Indeno(1,2,3-cd)pyrene
 Concen: Below Cal
 RT: 28.57 min Scan# 4336
 Delta R.T. 0.01 min
 Lab File: BG041637.D
 Acq: 12 Jul 2019 13:02

Tgt Ion:276 Resp: 62
 Ion Ratio Lower Upper
 276 100
 138 187.1 7.7 11.5#
 277 91.9 20.6 31.0#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.02 min
Lab File: BG041637.D
Acq: 12 Jul 2019 13:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.2
265	23.7	17.2	25.8

