

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
 Data File : BG044911.D
 Acq On : 20 Mar 2020 00:13
 Operator : CG/JU
 Sample : L1943-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9A

Quant Time: Mar 20 01:23:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	72500	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	271776	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	183820	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	443879	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	487214	20.00	ng	-0.02
87) Perylene-d12	24.89	264	509374	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	556801	119.55	ng	0.00
7) Phenol-d6	7.20	99	695992	102.85	ng	0.00
23) Nitrobenzene-d5	9.20	82	579341	93.54	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	381653	158.57	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1190018	92.71	ng	0.00
79) Terphenyl-d14	20.03	244	2192069	84.16	ng	0.00

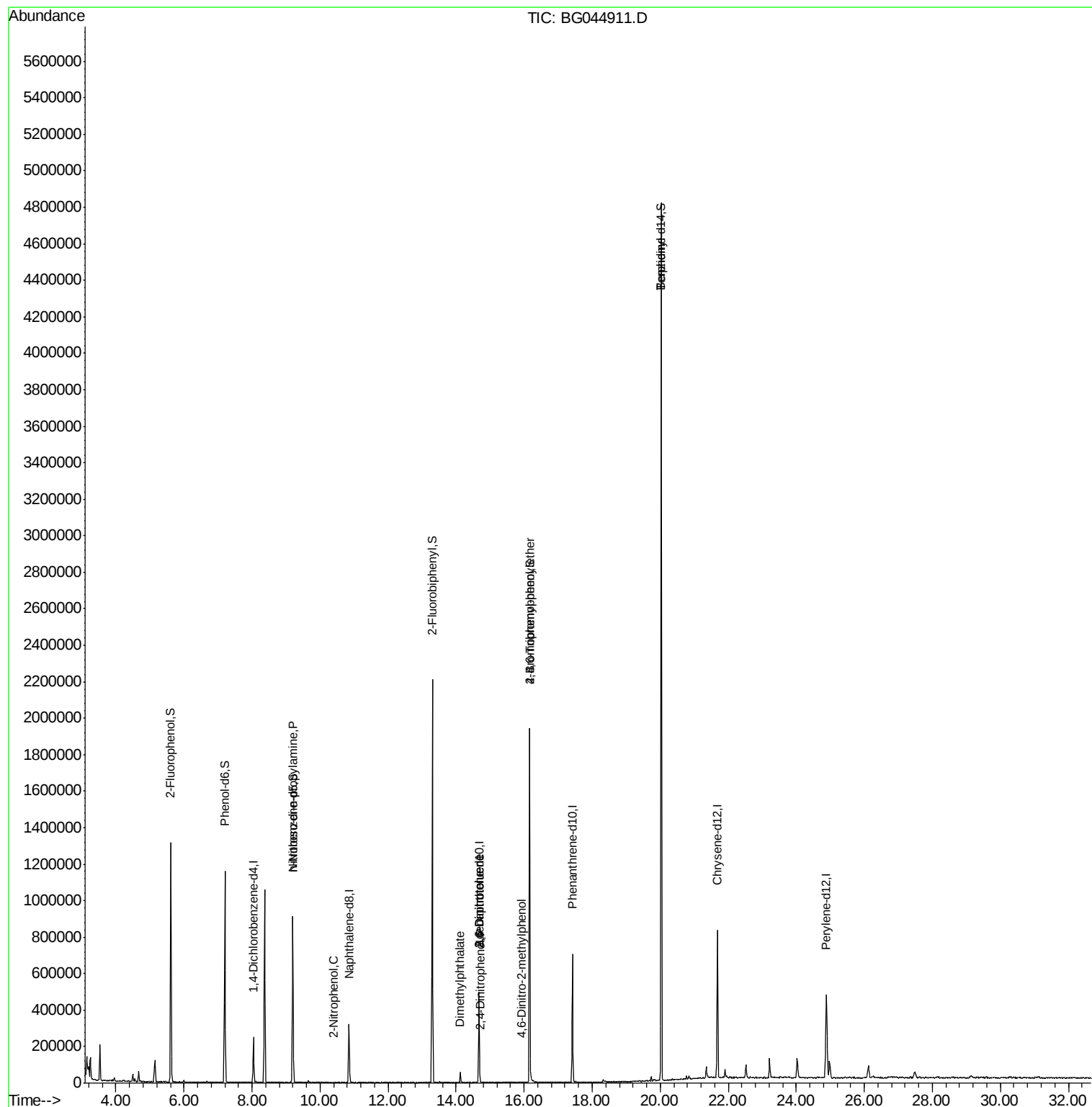
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.21	77	1407	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	77609	16.24	ng	76
26) 2-Nitrophenol	10.39	139	85	5.55	ng	28
50) Dimethylphthalate	14.12	163	38606	2.64	ng	96
51) 2,6-Dinitrotoluene	14.67	165	23477	7.96	ng	21
54) 2,4-Dinitrophenol	14.70	184	62	8.36	ng	21
57) 2,4-Dinitrotoluene	14.67	165	23477	5.80	ng	21
65) 4,6-Dinitro-2-methylphenol	15.93	198	67	7.76	ng	33
67) 4-Bromophenyl-phenylether	16.16	248	25309	4.56	ng	1
77) Benzidine	20.03	184	44784	2.83	ng	90

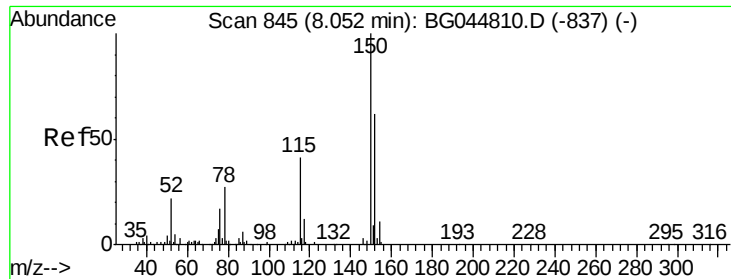
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
Data File : BG044911.D
Acq On : 20 Mar 2020 00:13
Operator : CG/JU
Sample : L1943-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-9A

Quant Time: Mar 20 01:23:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration



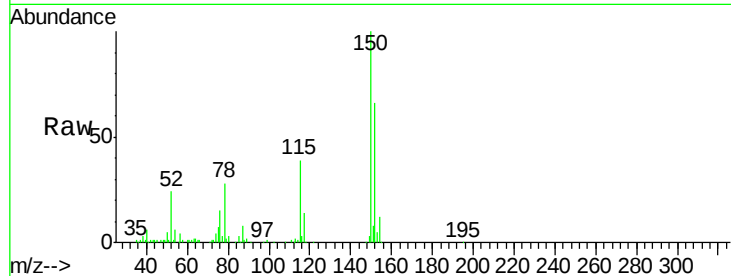


#1

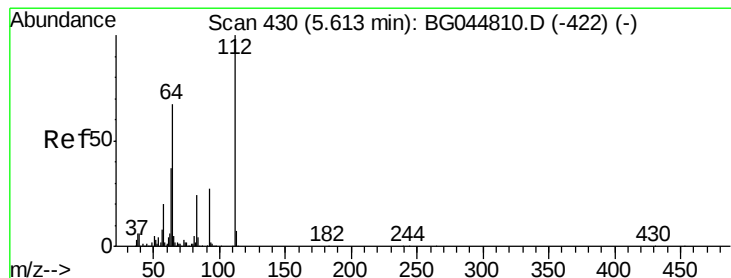
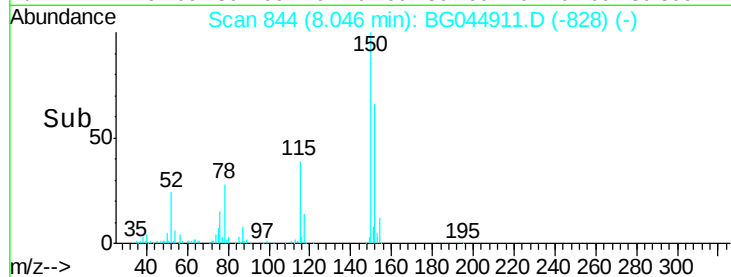
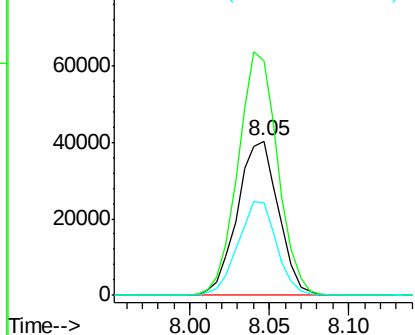
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044911.D
Acq: 20 Mar 2020 00:13

Instrument :
BNA_G
ClientSampleId :
TP-9A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.2	128.8	193.2
115	59.8	52.6	79.0



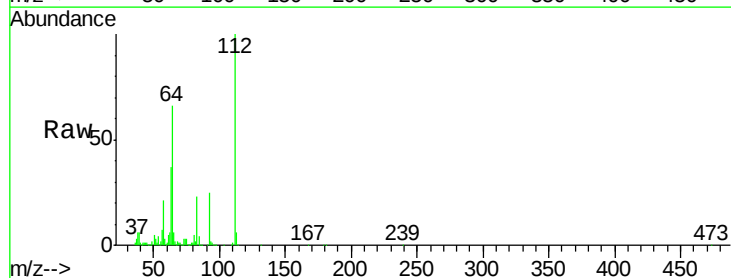
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



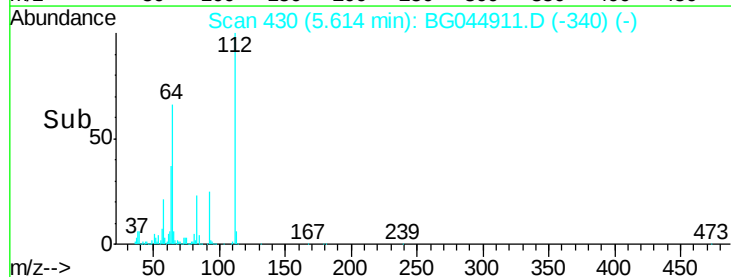
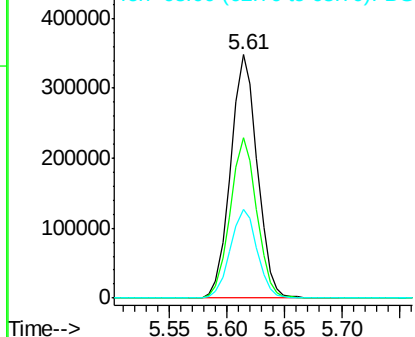
#5

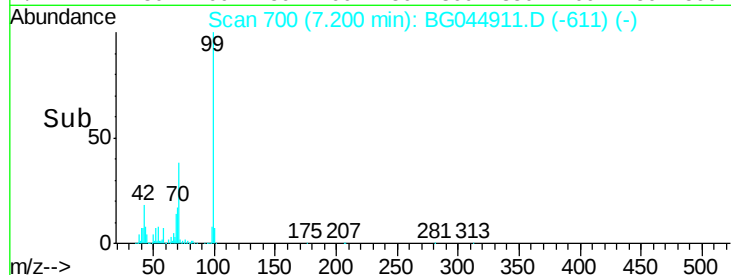
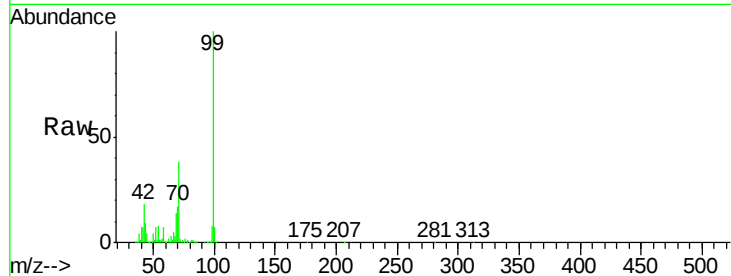
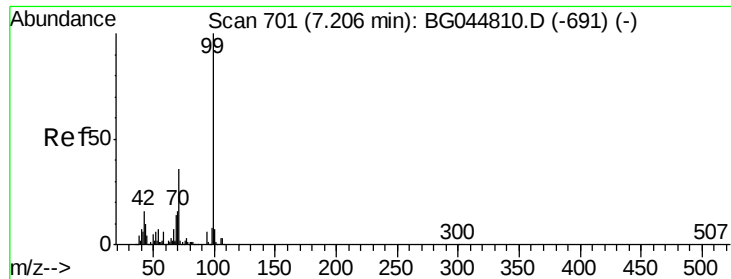
2-Fluorophenol
Concen: 119.55 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044911.D
Acq: 20 Mar 2020 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.4	80.2
63	36.6	29.4	44.2



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: 102.85 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044911.D

Acq: 20 Mar 2020 00:13

Instrument :

BNA_G

ClientSampled :

TP-9A

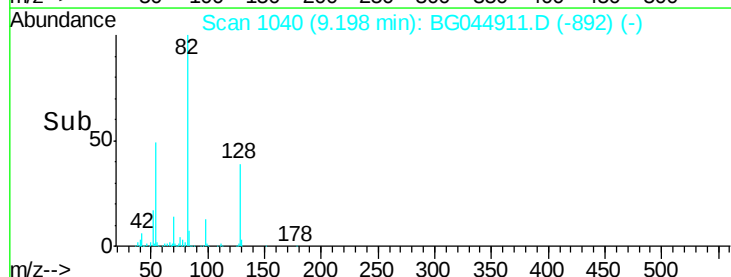
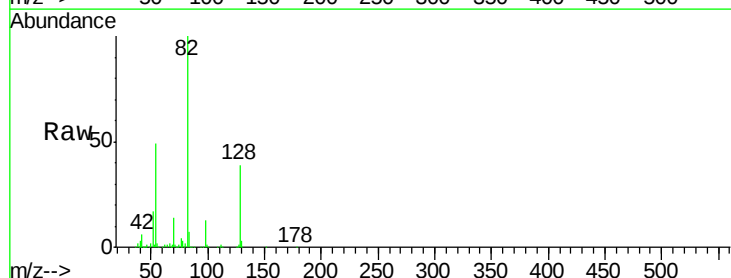
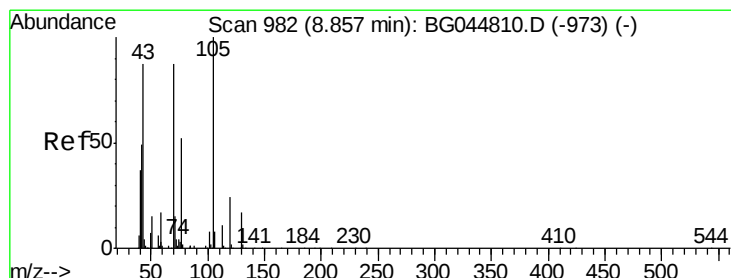
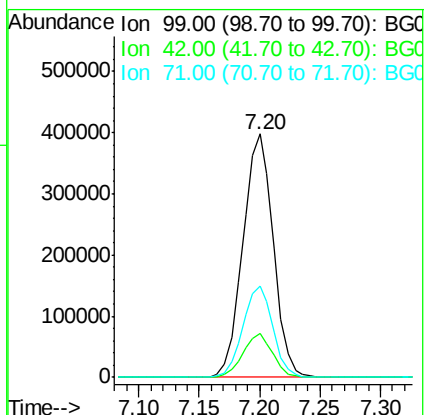
Tgt Ion: 99 Resp: 695992

Ion Ratio Lower Upper

99 100

42 18.0 12.6 19.0

71 37.6 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.24 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG044911.D

Acq: 20 Mar 2020 00:13

Tgt Ion: 70 Resp: 77609

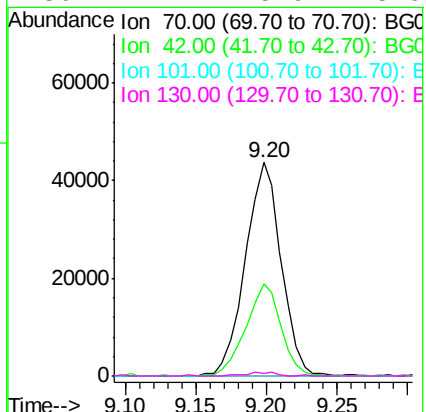
Ion Ratio Lower Upper

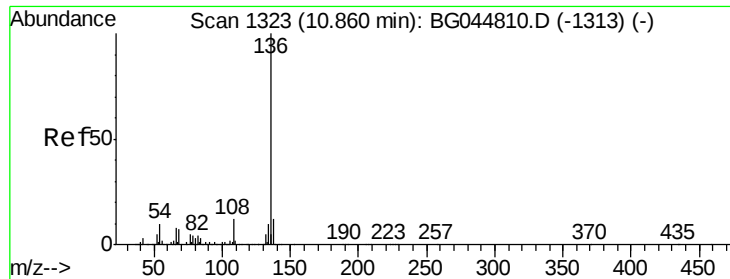
70 100

42 43.4 45.7 68.5#

101 0.0 7.4 11.2#

130 1.4 15.9 23.9#

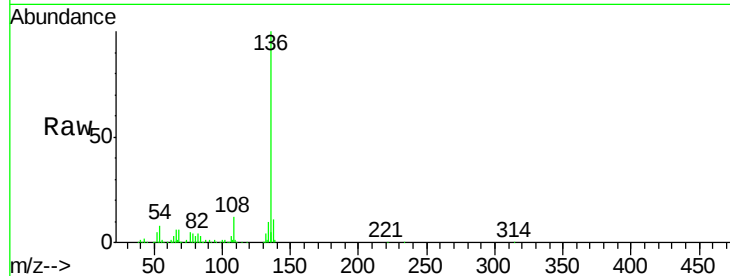




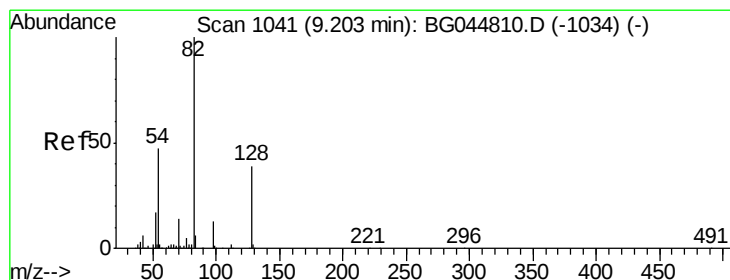
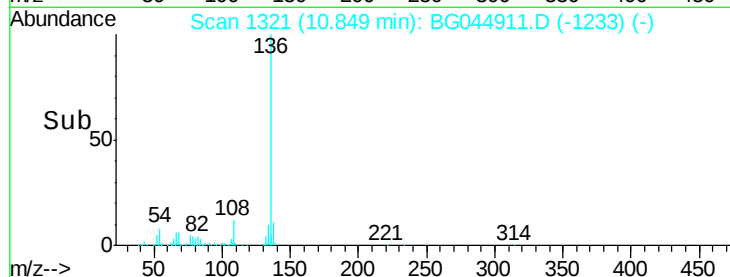
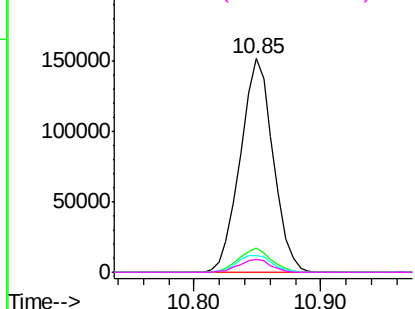
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044911.D
Acq: 20 Mar 2020 00:13

Instrument :
BNA_G
ClientSampleId :
TP-9A

Tgt Ion:	136	Resp:	271776
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	8.0	7.9	11.9
68	6.2	5.4	8.0

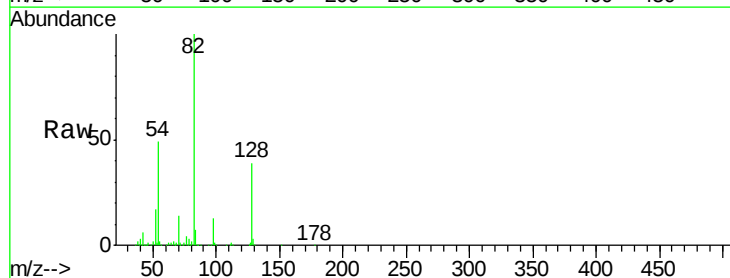


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

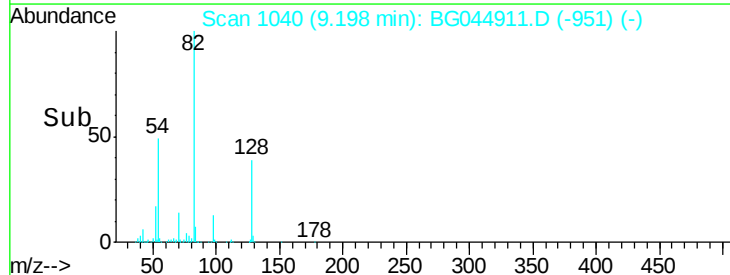
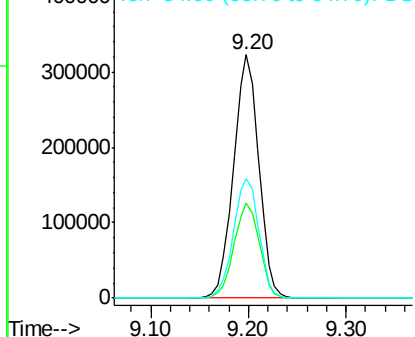


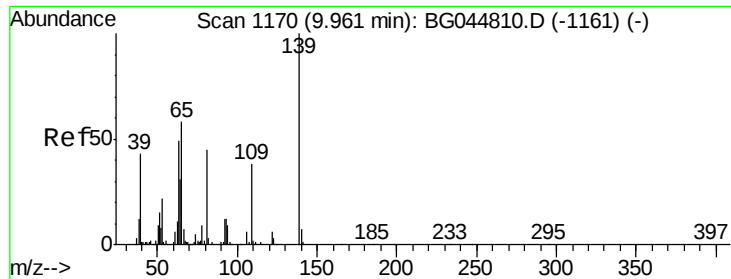
#23
Nitrobenzene-d5
Concen: 93.54 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044911.D
Acq: 20 Mar 2020 00:13

Tgt Ion:	82	Resp:	579341
Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.6	46.0
54	49.2	37.1	55.7



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

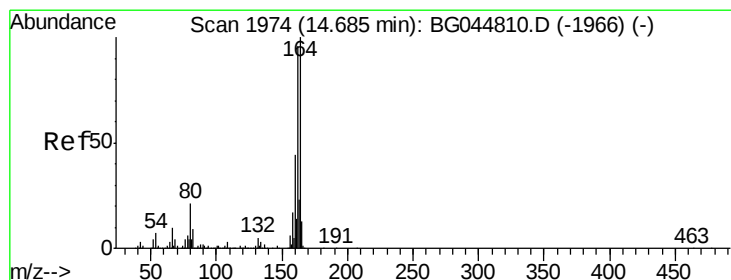
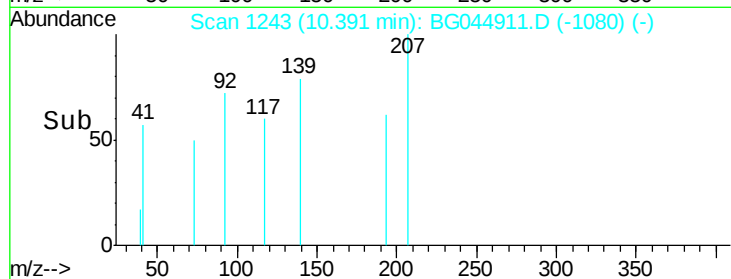
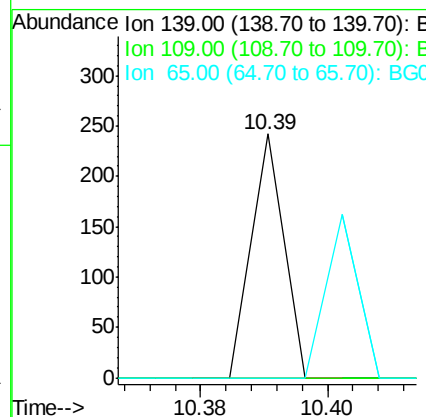
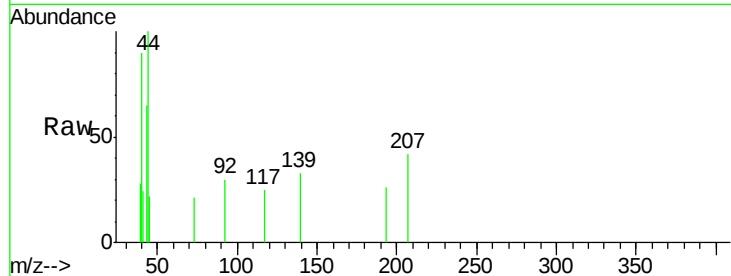




#26
 2-Nitrophenol
 Concen: 5.55 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. 0.43 min
 Lab File: BG044911.D
 Acq: 20 Mar 2020 00:13

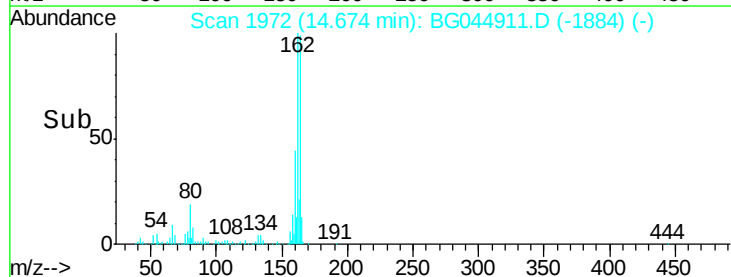
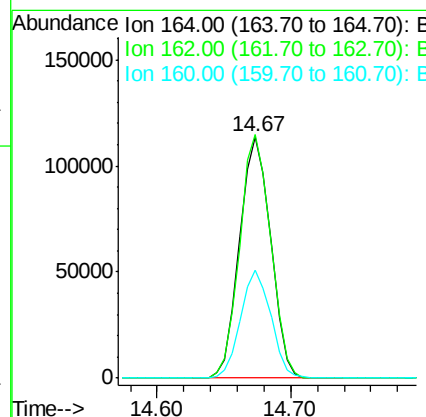
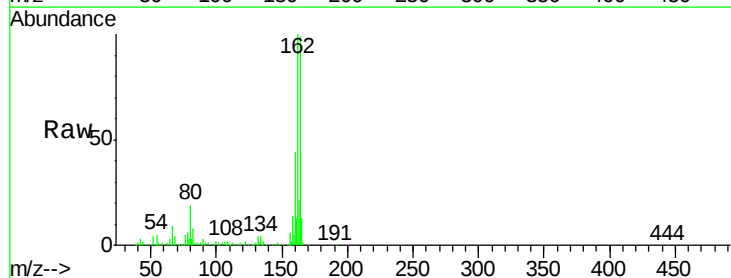
Instrument :
 BNA_G
 ClientSampleId :
 TP-9A

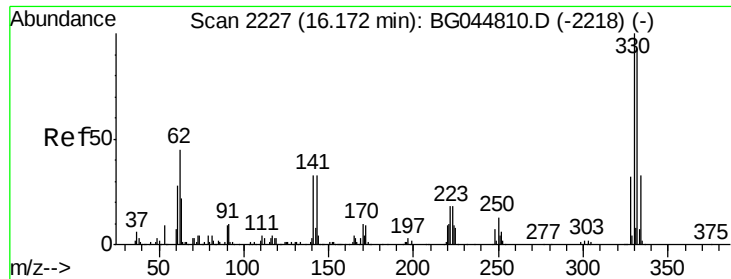
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	0.0	46.3	69.5#



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044911.D
 Acq: 20 Mar 2020 00:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	76.7	115.1
160	44.6	35.0	52.4

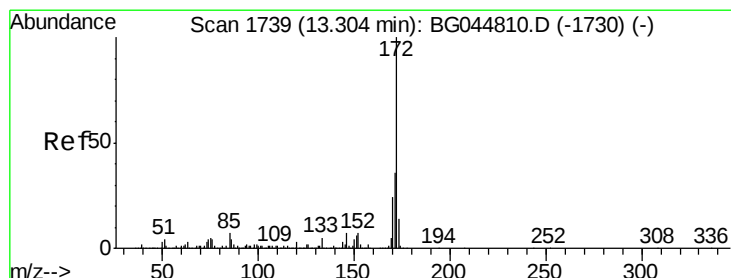
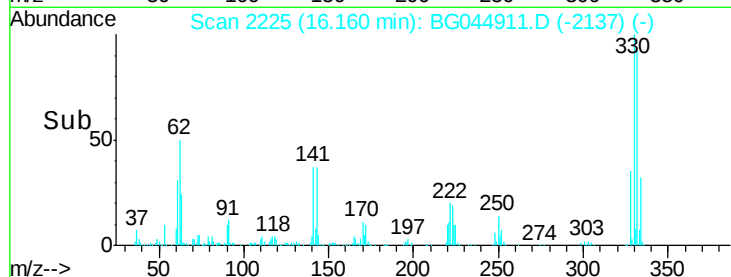
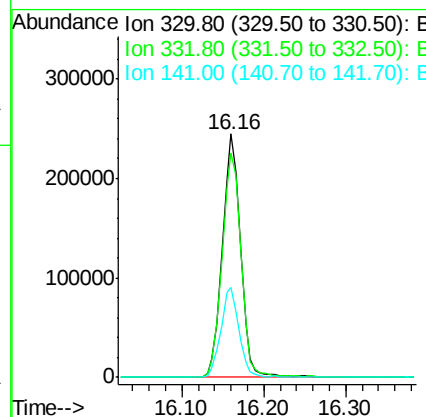
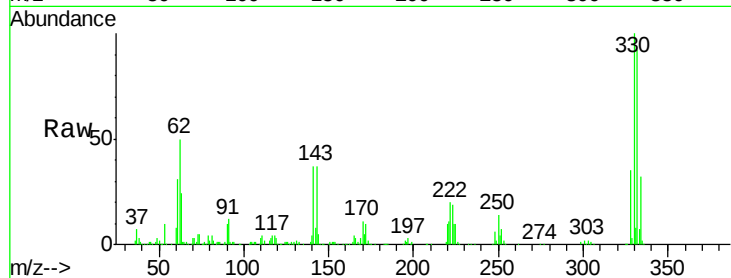




#42
2,4,6-Tribromophenol
Concen: 158.57 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044911.D
Acq: 20 Mar 2020 00:13

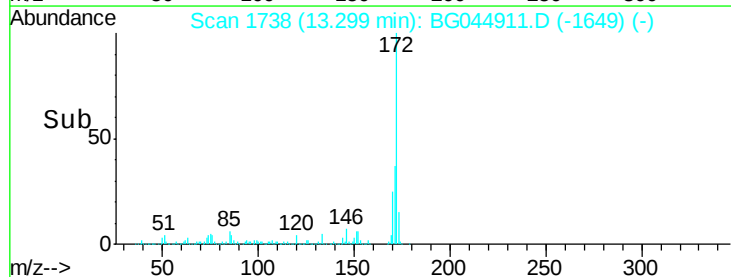
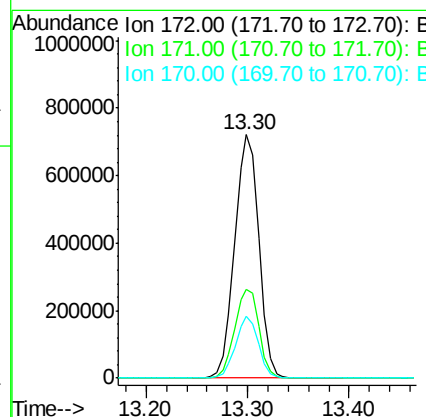
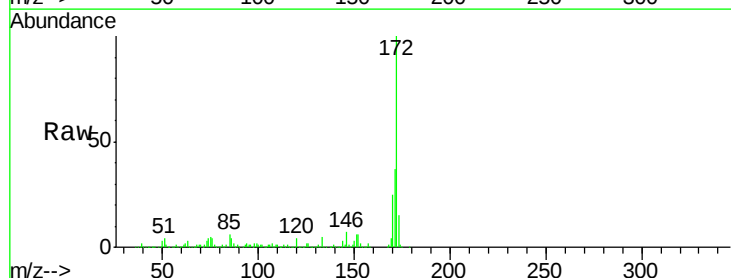
Instrument :
BNA_G
ClientSampleId :
TP-9A

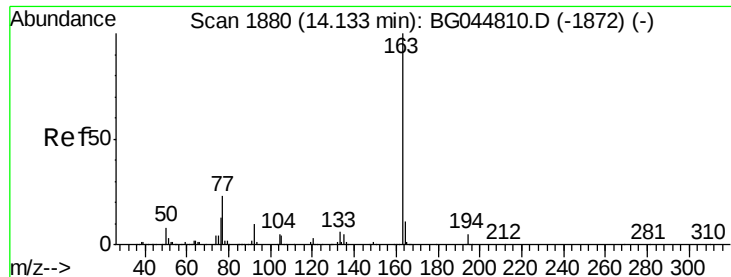
Tgt Ion:330 Resp: 381653
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 36.9 29.5 44.3



#45
2-Fluorobiphenyl
Concen: 92.71 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044911.D
Acq: 20 Mar 2020 00:13

Tgt Ion:172 Resp: 1190018
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 25.2 19.0 28.6





#50

Dimethylphthalate

Concen: 2.64 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044911.D

Acq: 20 Mar 2020 00:13

Instrument :

BNA_G

ClientSampleId :

TP-9A

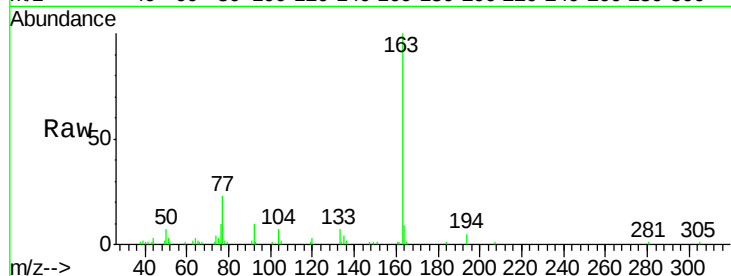
Tgt Ion:163 Resp: 38606

Ion Ratio Lower Upper

163 100

194 5.1 3.7 5.5

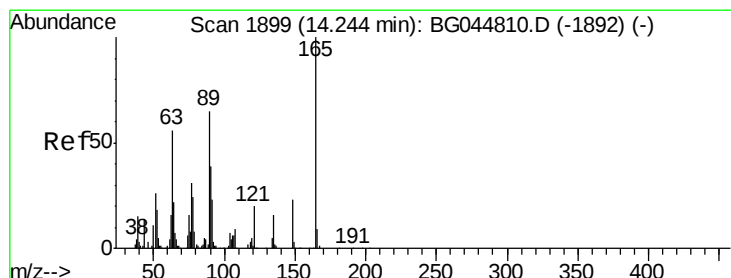
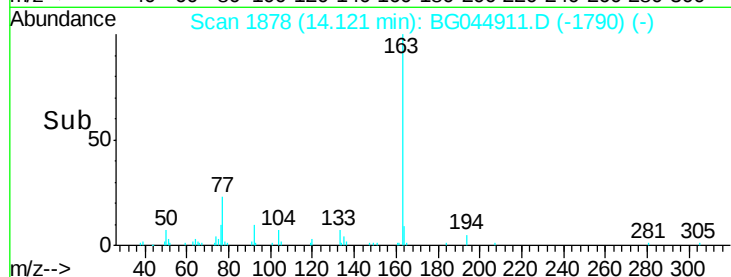
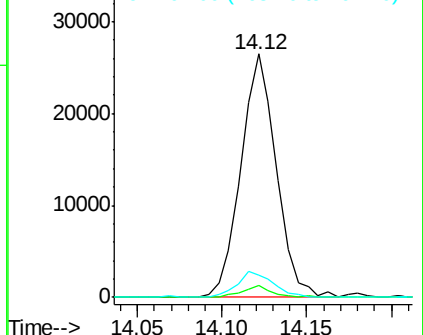
164 9.2 9.1 13.7



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



#51

2,6-Dinitrotoluene

Concen: 7.96 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.43 min

Lab File: BG044911.D

Acq: 20 Mar 2020 00:13

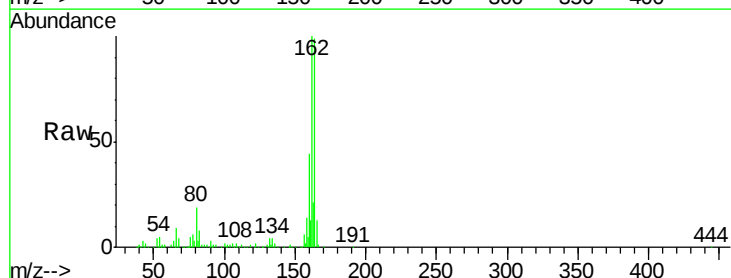
Tgt Ion:165 Resp: 23477

Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.8#

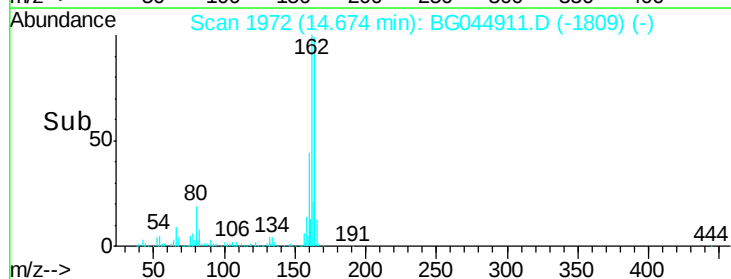
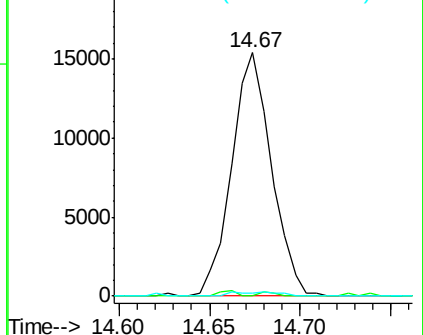
89 1.3 51.8 77.6#

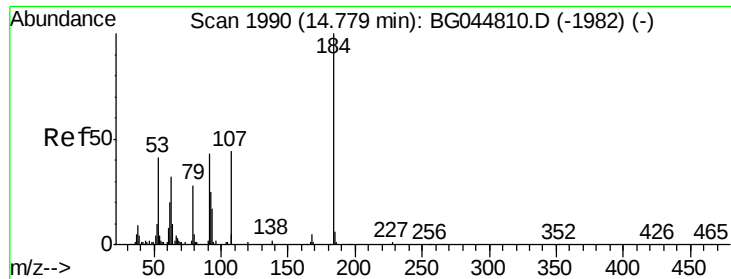


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

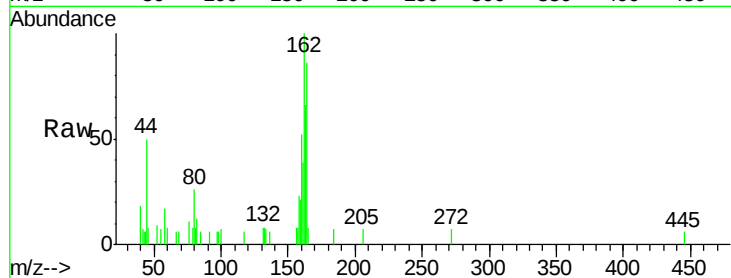




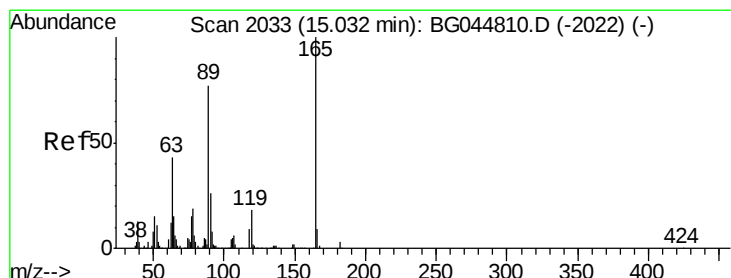
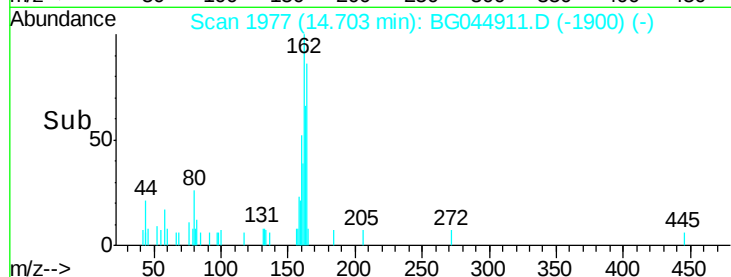
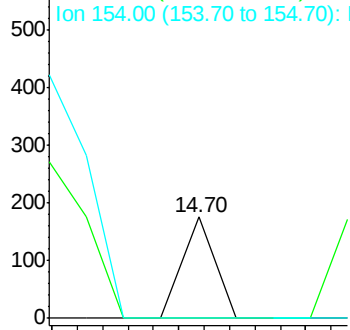
#54
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.08 min
Lab File: BG044911.D
Acq: 20 Mar 2020 00:13

Instrument :
BNA_G
ClientSampleId :
TP-9A

Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 45.5 68.3#
154 0.0 49.1 73.7#

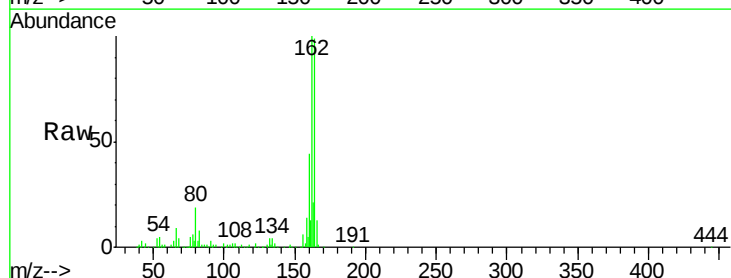


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

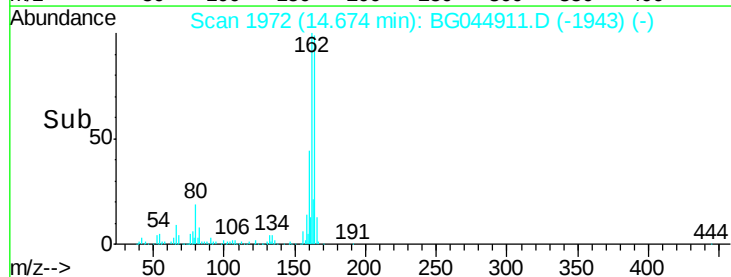
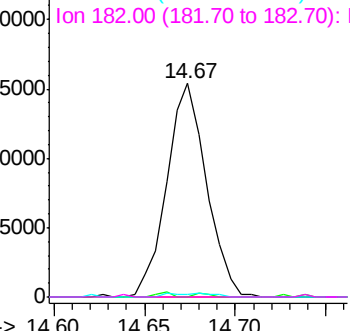


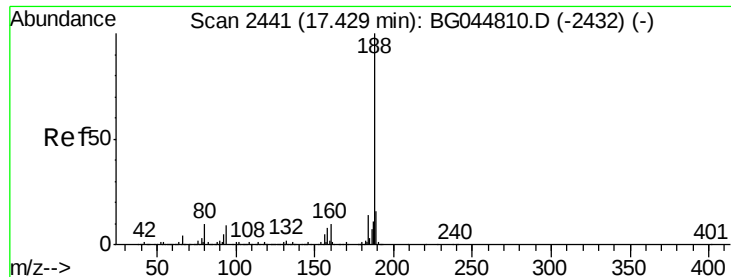
#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044911.D
Acq: 20 Mar 2020 00:13

Tgt Ion:165 Resp: 23477
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 1.3 61.3 91.9#
182 0.0 2.2 3.2#



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: 20.00 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044911.D

Acq: 20 Mar 2020 00:13

Instrument :

BNA_G

ClientSampleId :

TP-9A

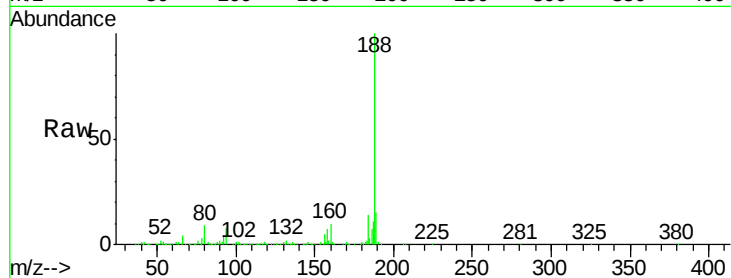
Tgt Ion:188 Resp: 443879

Ion Ratio Lower Upper

188 100

94 7.5 7.3 10.9

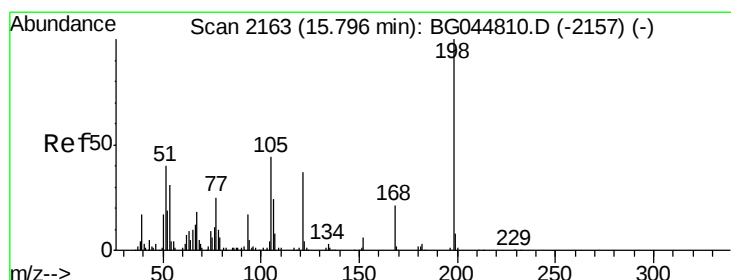
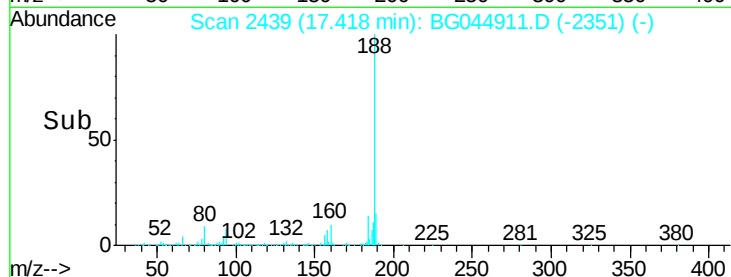
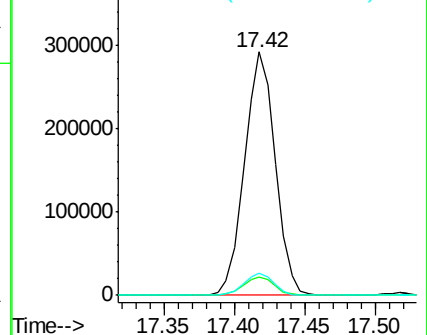
80 9.2 8.0 12.0



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.76 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.14 min

Lab File: BG044911.D

Acq: 20 Mar 2020 00:13

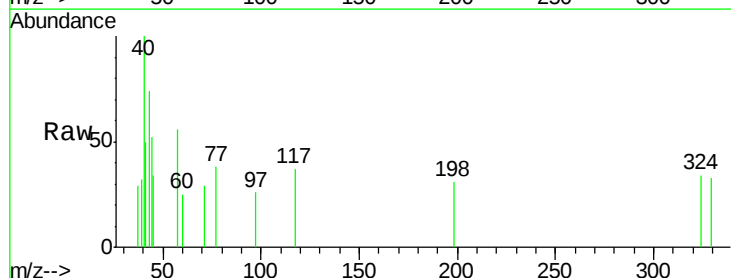
Tgt Ion:198 Resp: 67

Ion Ratio Lower Upper

198 100

51 0.0 21.1 61.1#

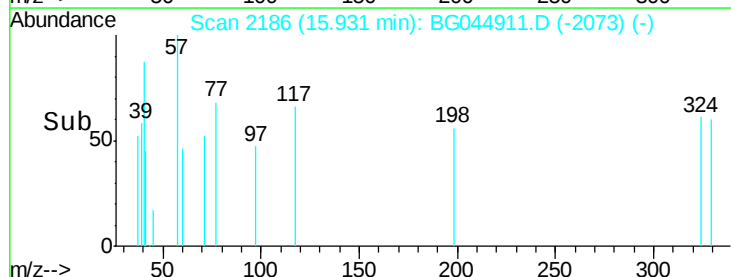
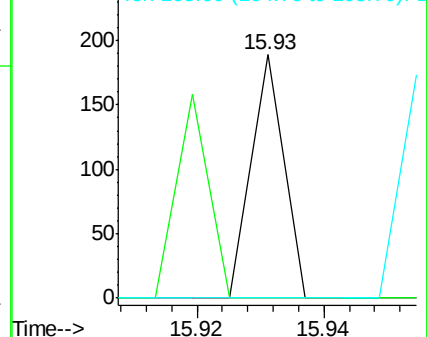
105 0.0 24.5 64.5#

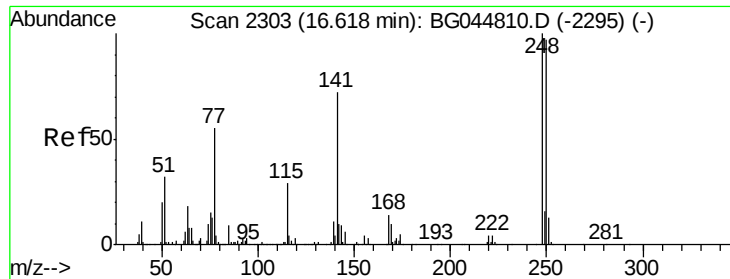


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

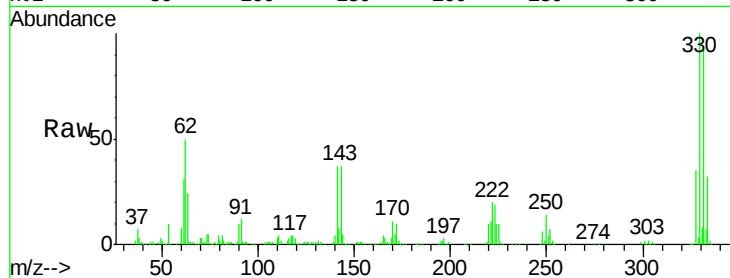




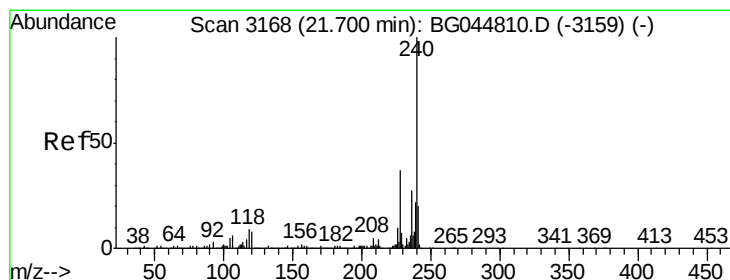
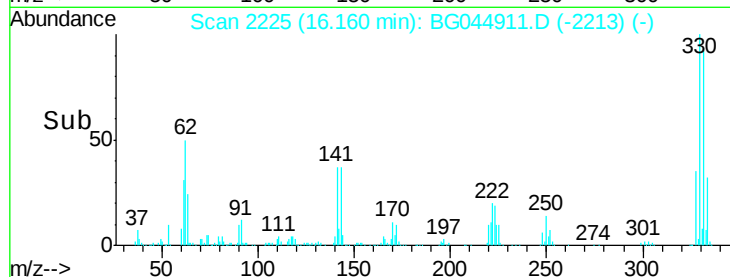
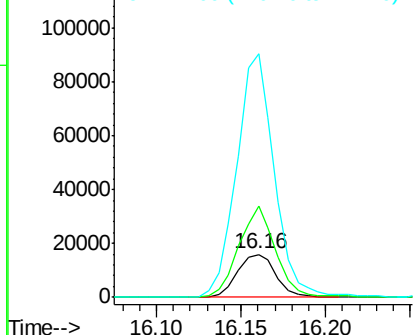
#67
 4-Bromophenyl-phenylether
 Concen: 4.56 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.46 min
 Lab File: BG044911.D
 Acq: 20 Mar 2020 00:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-9A

Tgt Ion:248 Resp: 25309
 Ion Ratio Lower Upper
 248 100
 250 214.2 77.9 116.9#
 141 570.5 57.5 86.3#

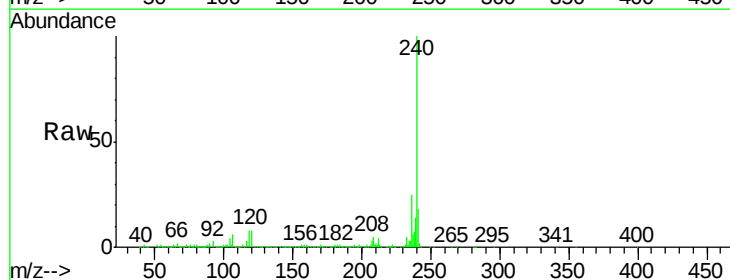


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

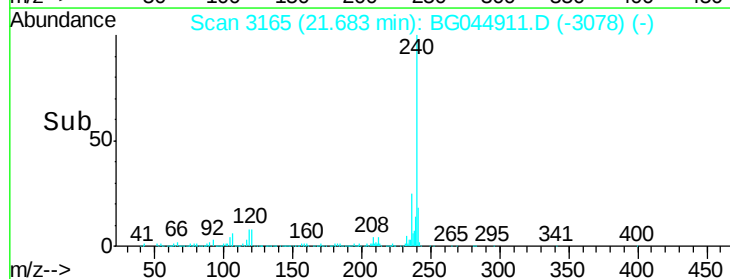
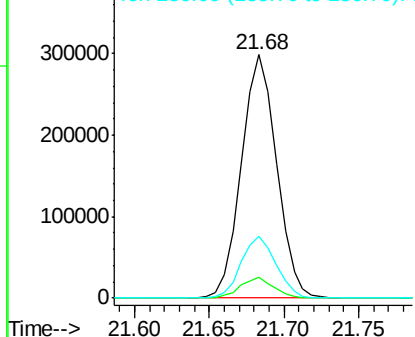


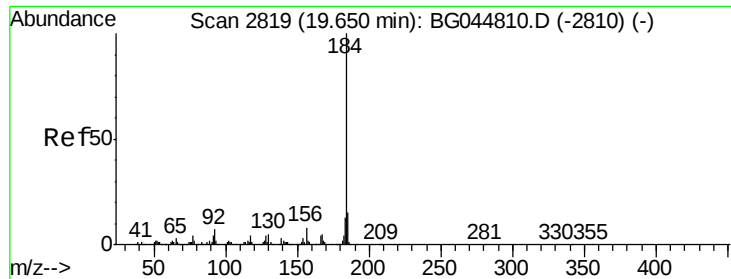
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG044911.D
 Acq: 20 Mar 2020 00:13

Tgt Ion:240 Resp: 487214
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.7 10.1
 236 25.2 21.5 32.3



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: 2.83 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.38 min

Lab File: BG044911.D

Acq: 20 Mar 2020 00:13

Instrument :

BNA_G

ClientSampleId :

TP-9A

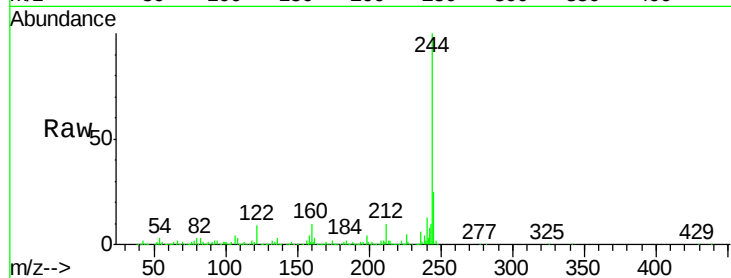
Tgt Ion:184 Resp: 44784

Ion Ratio Lower Upper

184 100

185 16.9 12.2 18.4

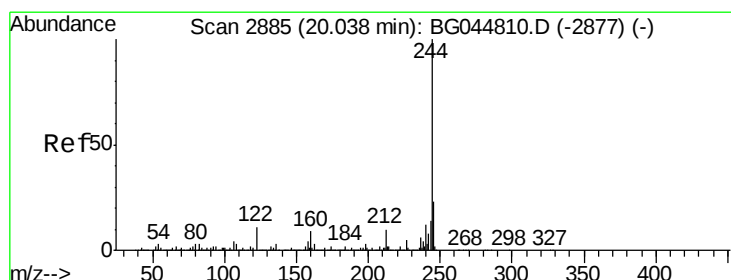
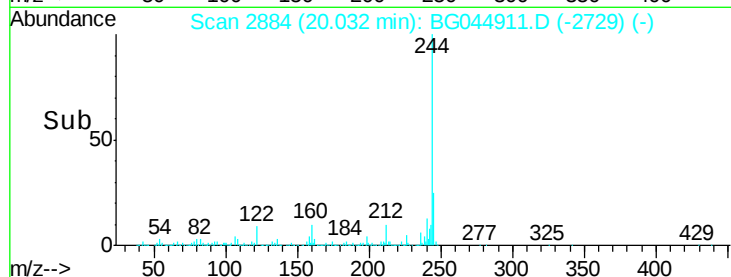
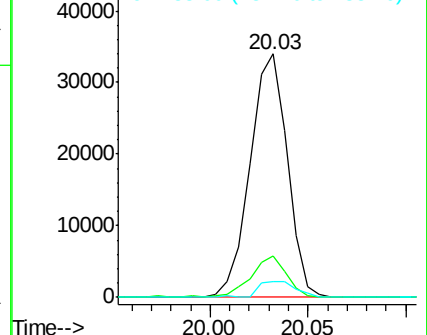
183 6.4 10.7 16.1#



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: 84.16 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044911.D

Acq: 20 Mar 2020 00:13

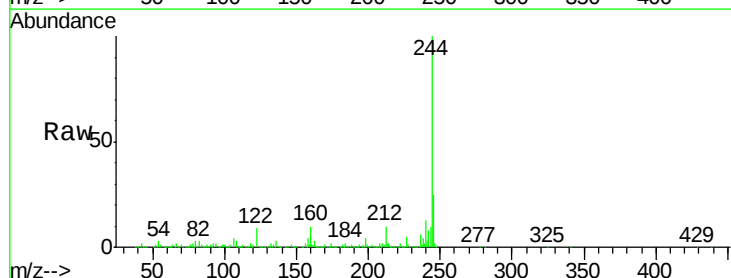
Tgt Ion:244 Resp: 2192069

Ion Ratio Lower Upper

244 100

212 10.2 7.7 11.5

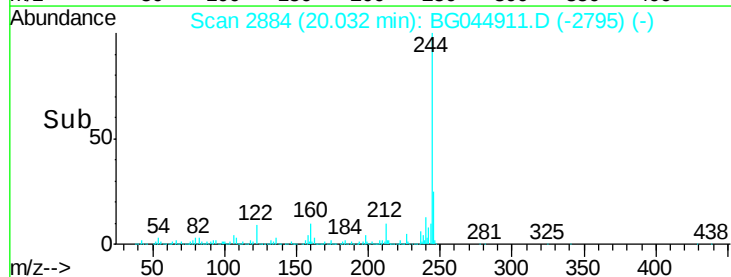
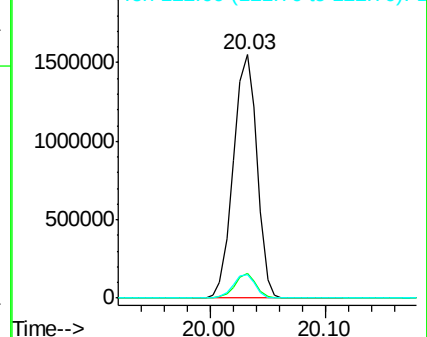
122 9.4 8.6 12.8

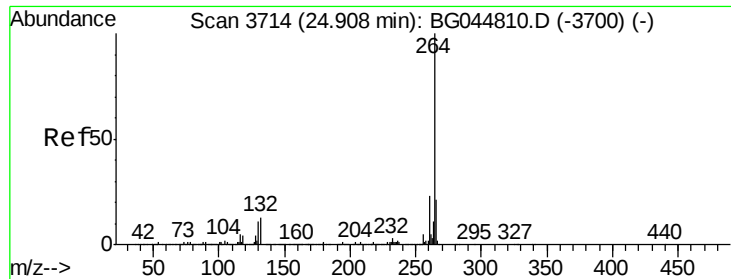


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

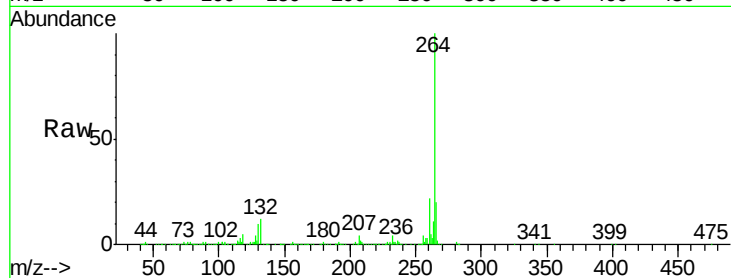




#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044911.D
Acq: 20 Mar 2020 00:13

Instrument :
BNA_G
ClientSampleId :
TP-9A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.1	27.1
265	20.3	17.1	25.7



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

