

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
 Data File : BG044923.D
 Acq On : 20 Mar 2020 17:14
 Operator : CG/JU
 Sample : PB127705BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BL

Quant Time: Mar 21 00:43:34 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	78966	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	310081	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	208532	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	487346	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	500029	20.00	ng	-0.02
87) Perylene-d12	24.89	264	525888	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	495176	97.62	ng	0.00
7) Phenol-d6	7.20	99	668989	90.77	ng	0.00
23) Nitrobenzene-d5	9.20	82	631586	89.38	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	308063	112.83	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1370074	94.09	ng	0.00
79) Terphenyl-d14	20.03	244	2453600	91.79	ng	0.00

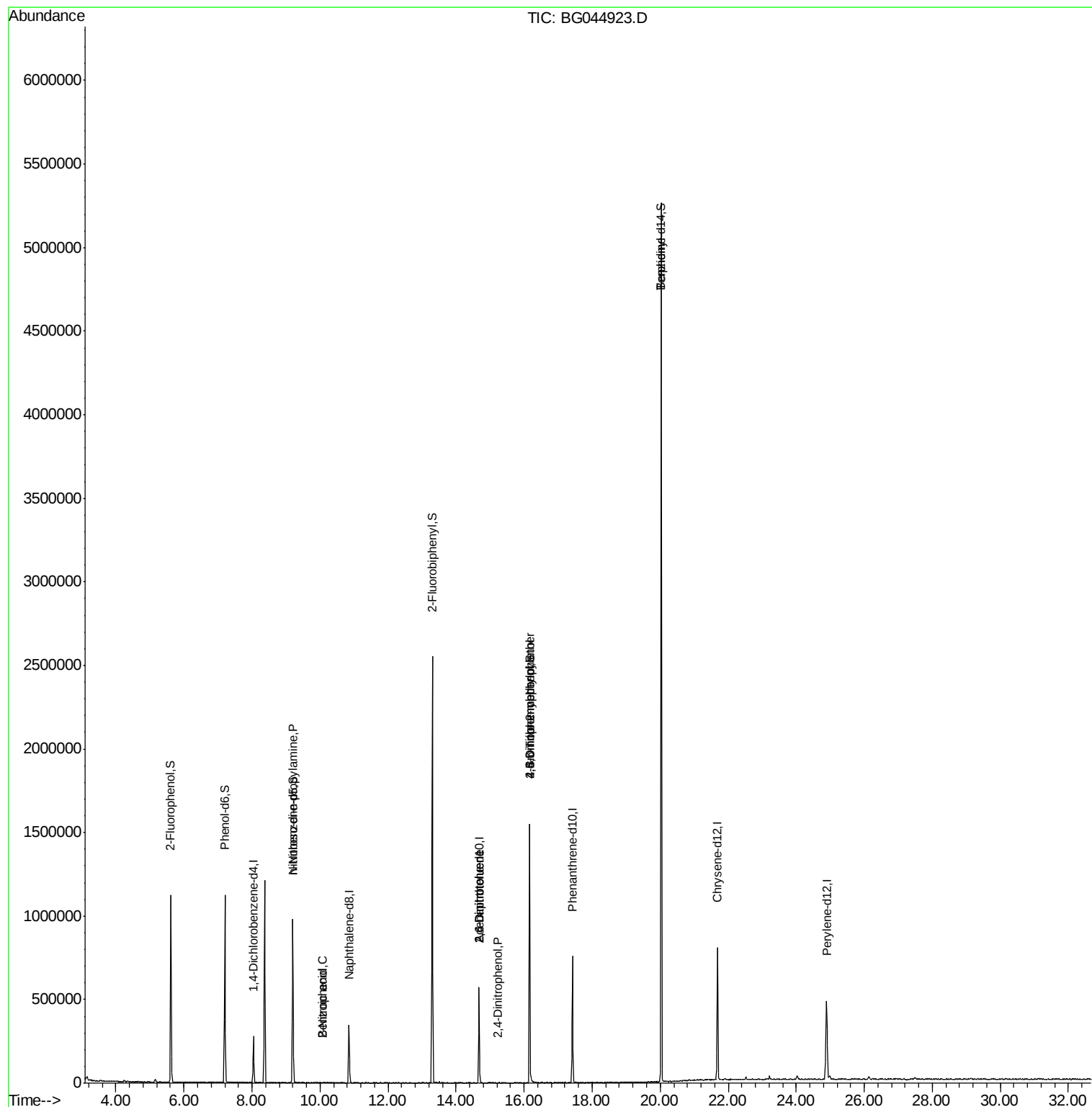
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.19	77	1177	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	86847	16.69	ng	75
26) 2-Nitrophenol	10.07	139	78	5.54	ng	45
32) Benzoic acid	10.07	122	78	9.69	ng	1
51) 2,6-Dinitrotoluene	14.68	165	27247	8.14	ng	23
54) 2,4-Dinitrophenol	15.23	184	67	8.36	ng	21
57) 2,4-Dinitrotoluene	14.68	165	27247	5.93	ng	23
65) 4,6-Dinitro-2-methylphenol	16.16	198	1061	8.12	ng	27
67) 4-Bromophenyl-phenylether	16.16	248	20655	3.39	ng	1
77) Benzidine	20.03	184	49341	3.04	ng	88

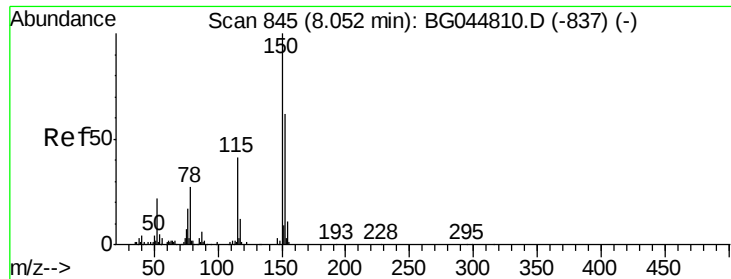
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
Data File : BG044923.D
Acq On : 20 Mar 2020 17:14
Operator : CG/JU
Sample : PB127705BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127705BL

Quant Time: Mar 21 00:43:34 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: BG044923.D

Acq: 20 Mar 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB127705BL

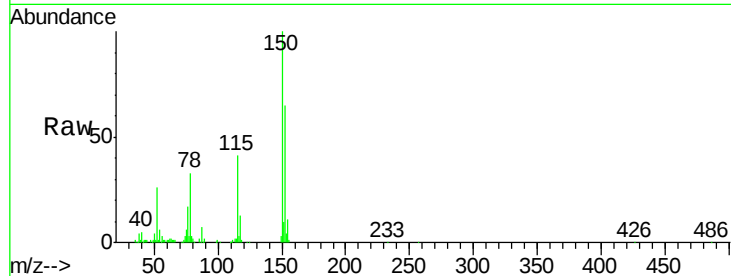
Tgt Ion:152 Resp: 78966

Ion Ratio Lower Upper

152 100

150 153.6 128.8 193.2

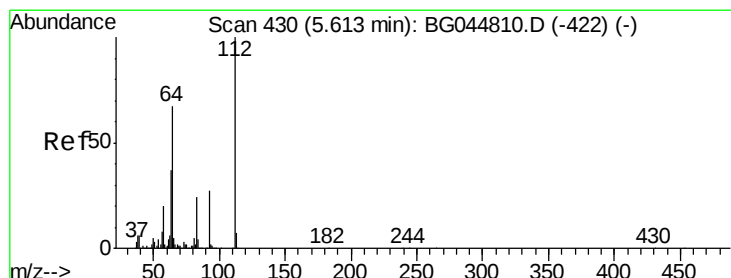
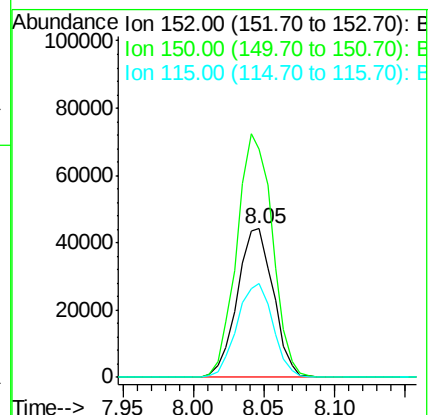
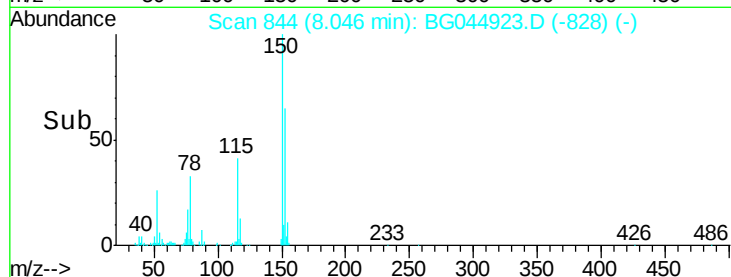
115 63.5 52.6 79.0



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: 97.62 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

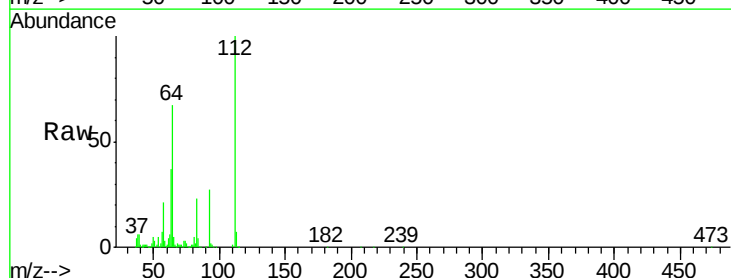
Tgt Ion:112 Resp: 495176

Ion Ratio Lower Upper

112 100

64 66.8 53.4 80.2

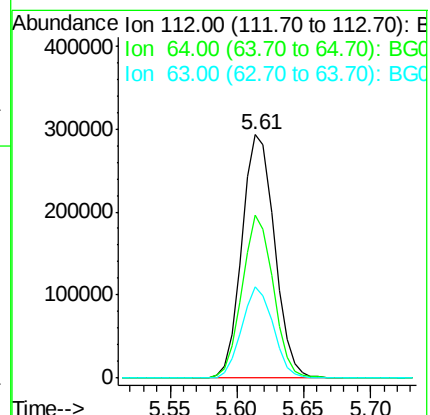
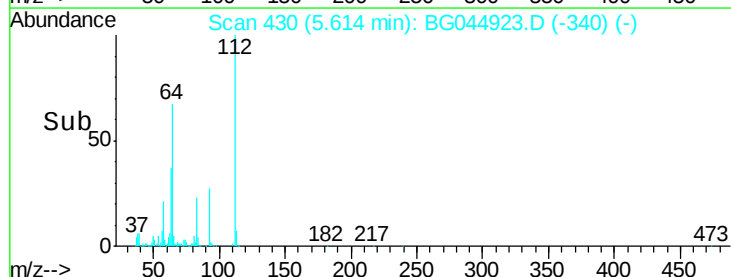
63 37.4 29.4 44.2

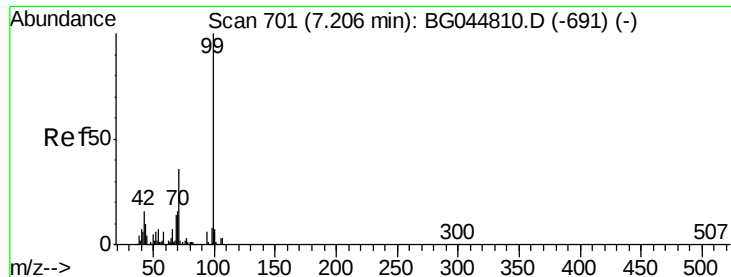


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 90.77 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB127705BL

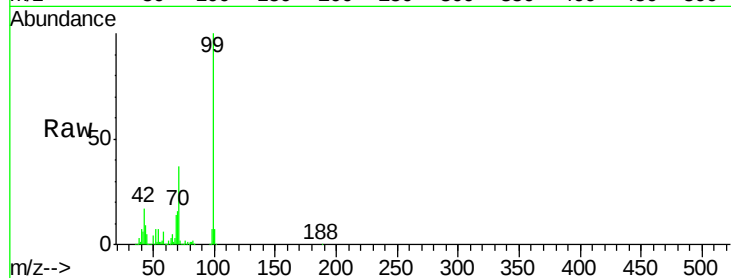
Tgt Ion: 99 Resp: 668989

Ion Ratio Lower Upper

99 100

42 17.5 12.6 19.0

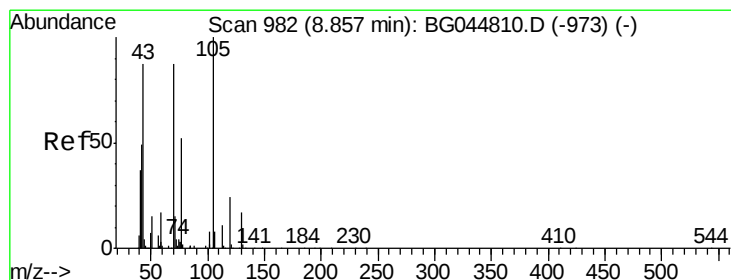
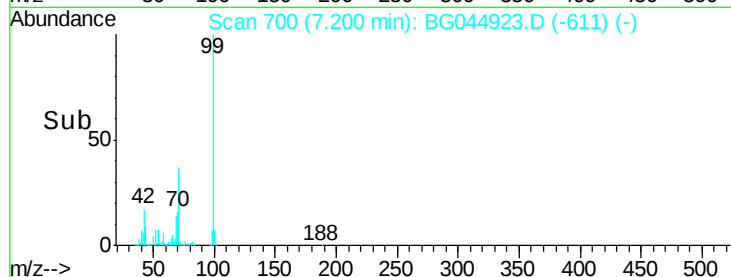
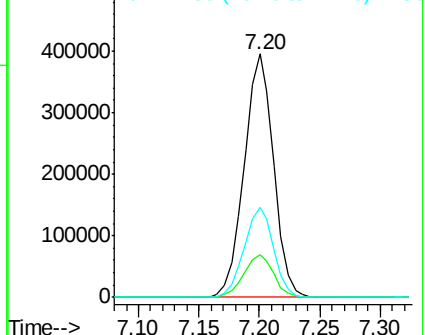
71 37.0 29.0 43.4



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: 16.69 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

Tgt Ion: 70 Resp: 86847

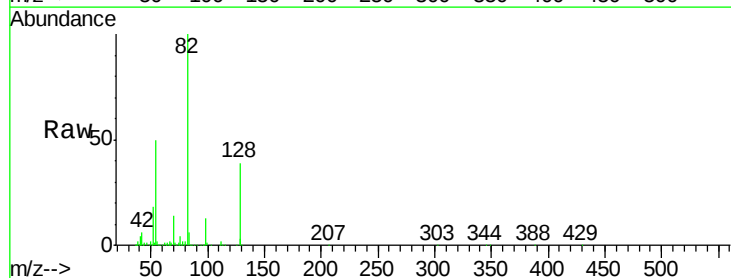
Ion Ratio Lower Upper

70 100

42 41.8 45.7 68.5#

101 0.0 7.4 11.2#

130 2.4 15.9 23.9#

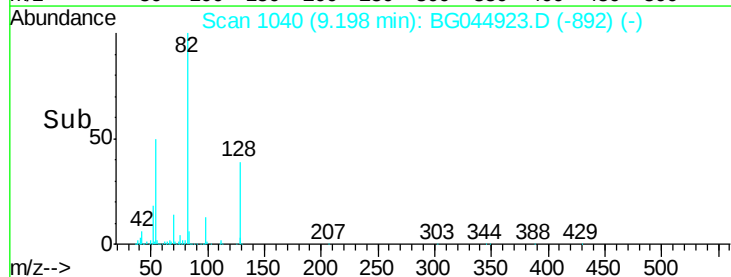
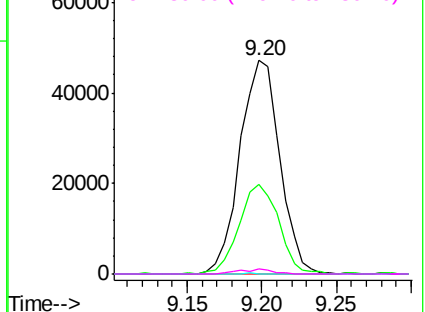


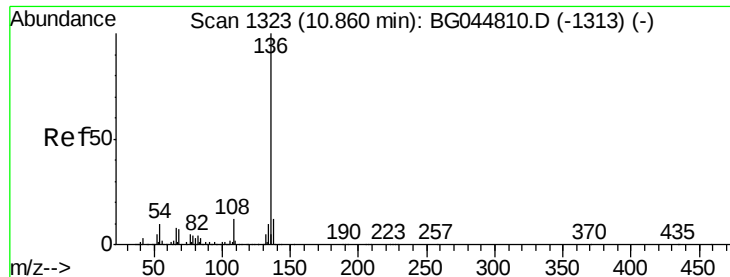
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

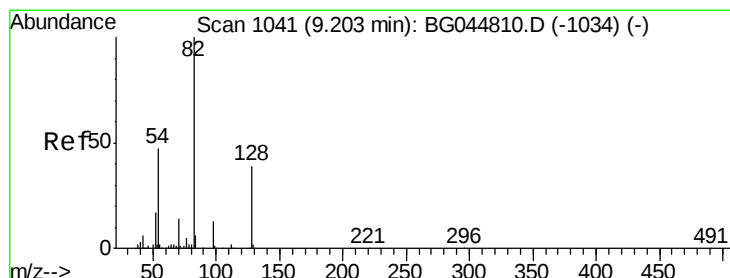
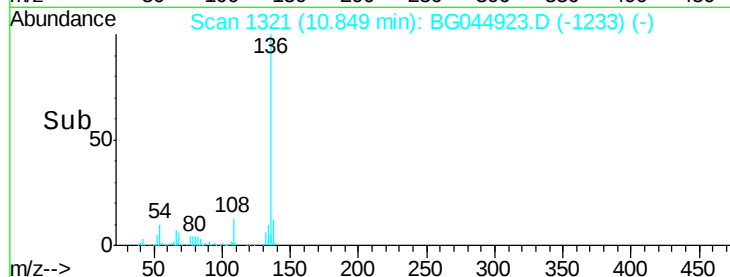
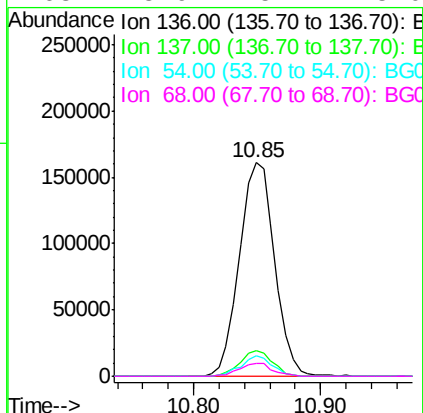
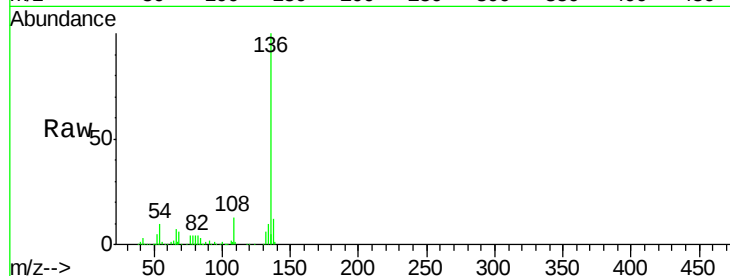




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

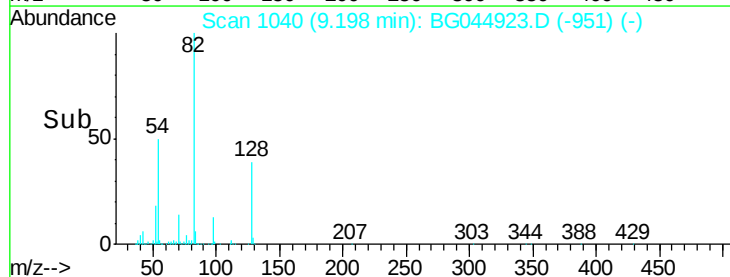
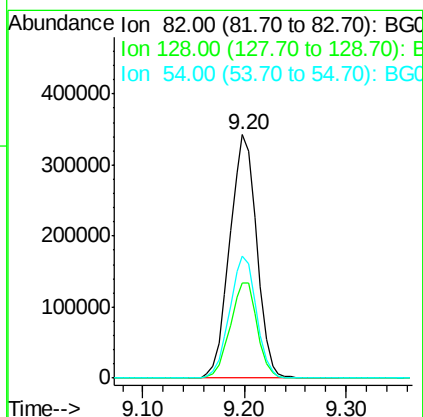
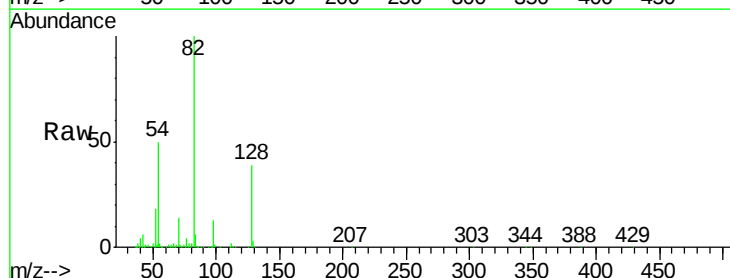
Instrument :
BNA_G
ClientSampleId :
PB127705BL

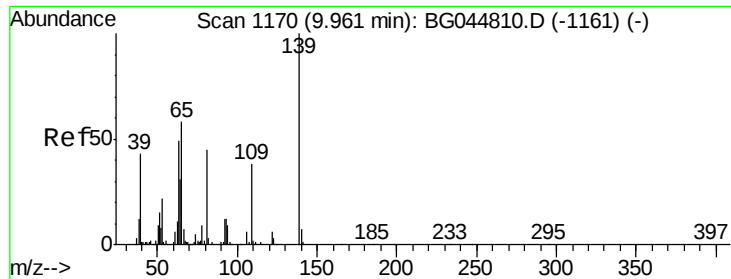
Tgt Ion:	136	Resp:	310081
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.6
54	9.5	7.9	11.9
68	5.9	5.4	8.0



#23
Nitrobenzene-d5
Concen: 89.38 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

Tgt Ion:	82	Resp:	631586
Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.6	46.0
54	50.3	37.1	55.7

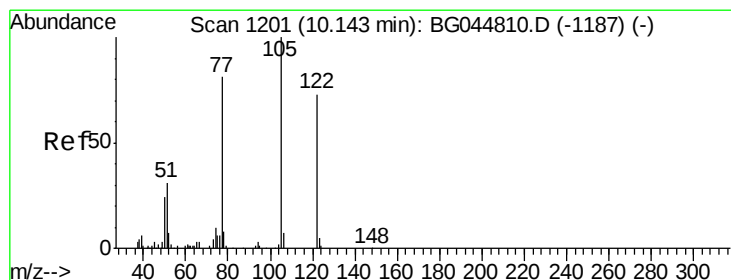
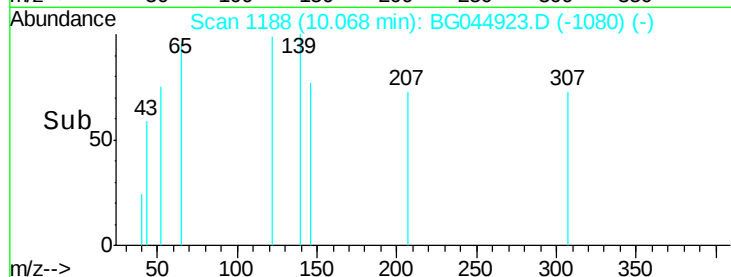
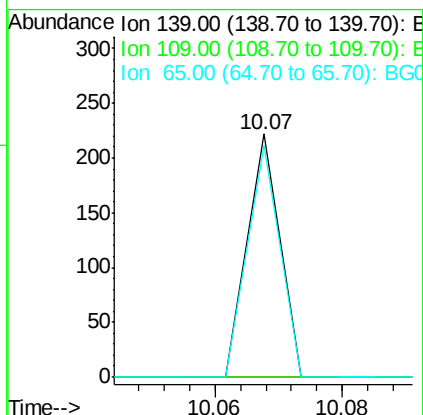
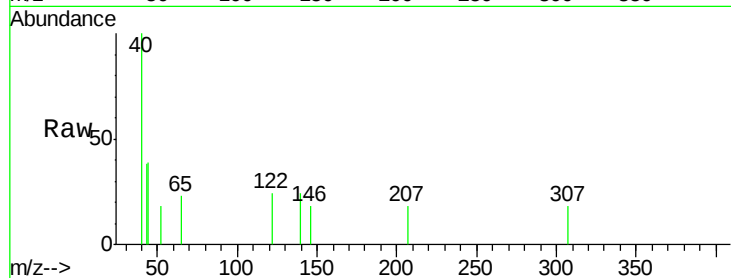




#26
2-Nitrophenol
Concen: 5.54 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.11 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

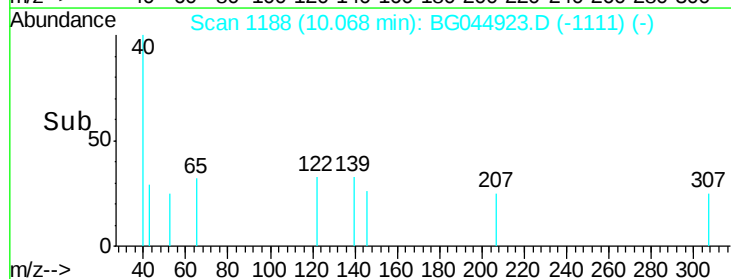
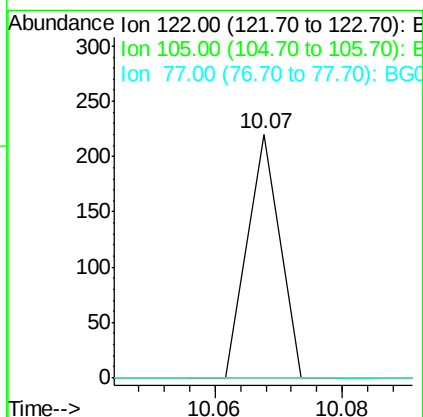
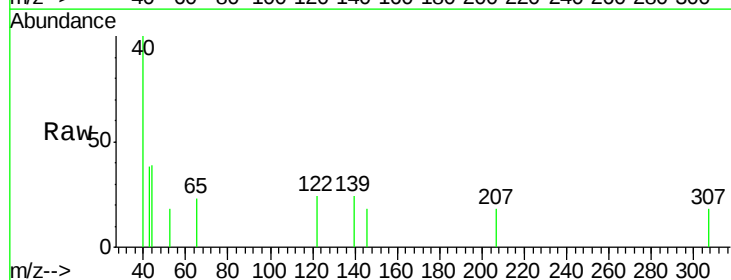
Instrument :
BNA_G
ClientSampleId :
PB127705BL

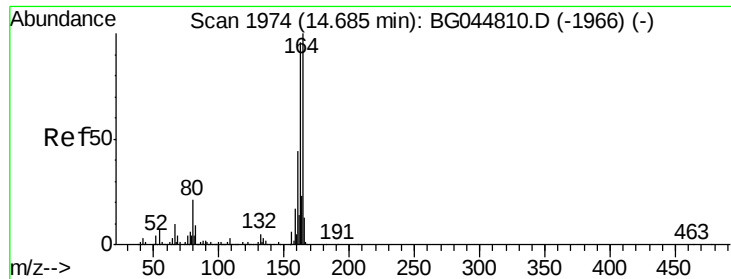
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	30.2	45.4#
65	95.5	46.3	69.5#



#32
Benzoic acid
Concen: 9.69 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.08 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.1	149.1#
77	0.0	85.3	125.3#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB127705BL

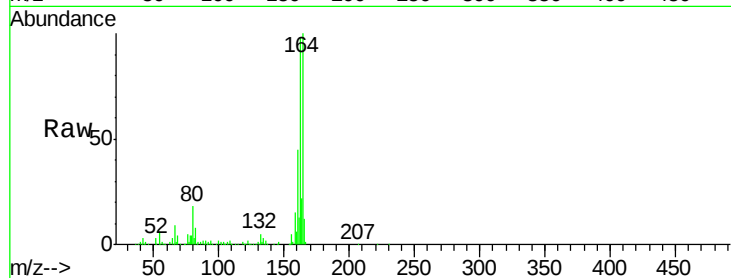
Tgt Ion:164 Resp: 208532

Ion Ratio Lower Upper

164 100

162 98.1 76.7 115.1

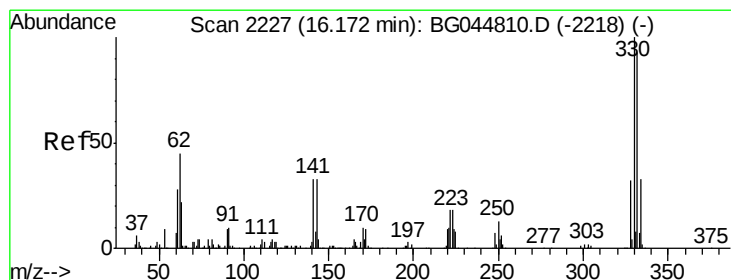
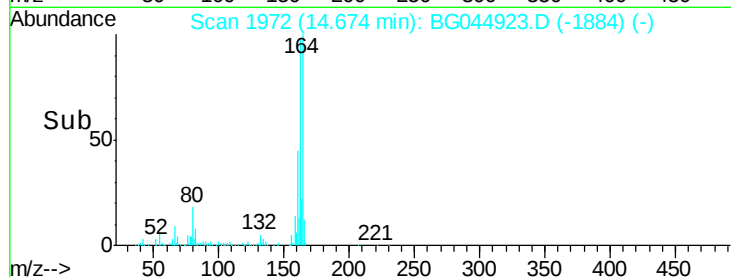
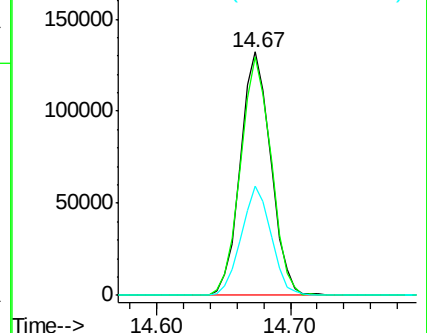
160 44.8 35.0 52.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 112.83 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

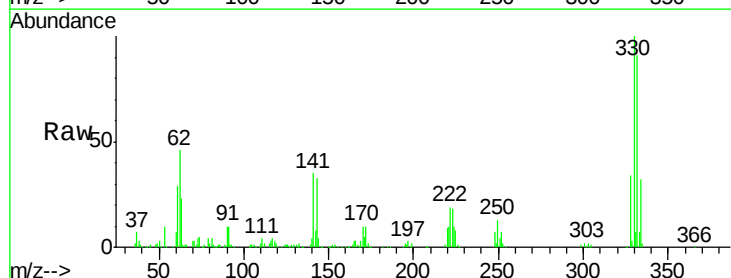
Tgt Ion:330 Resp: 308063

Ion Ratio Lower Upper

330 100

332 96.6 77.8 116.6

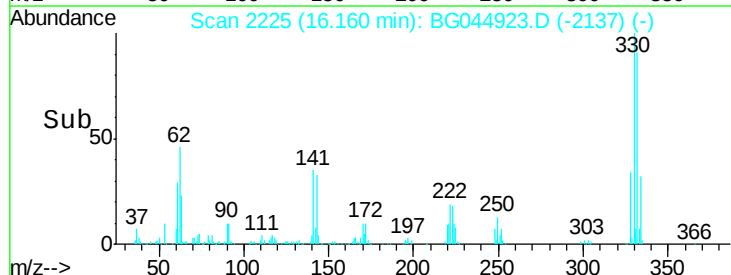
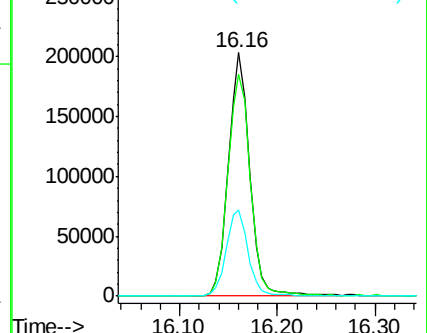
141 35.7 29.5 44.3

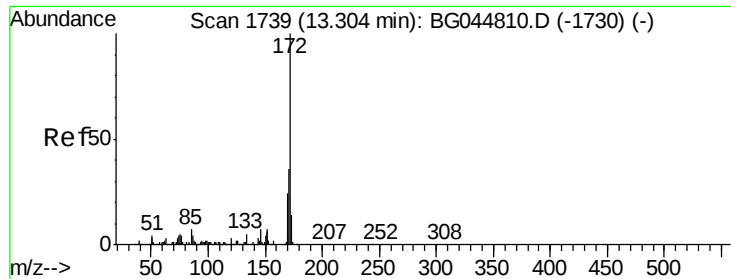


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

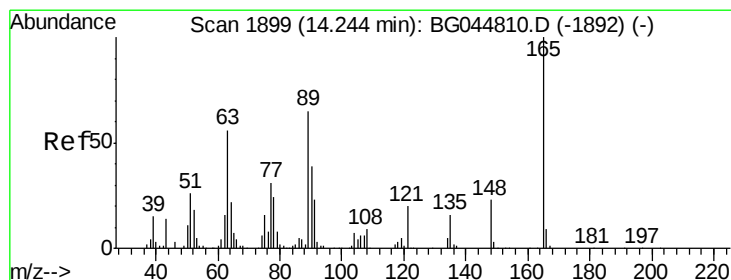
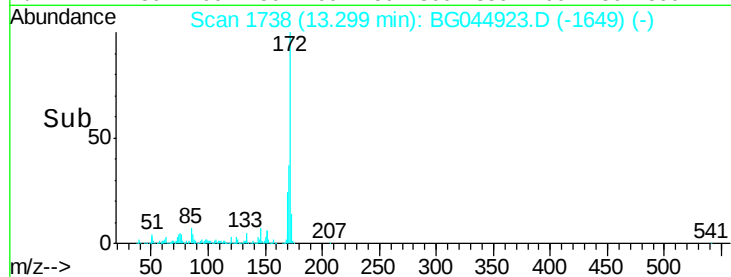
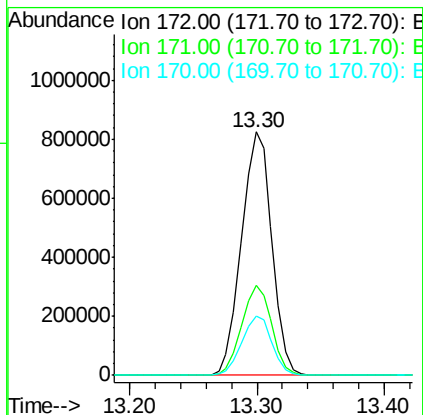
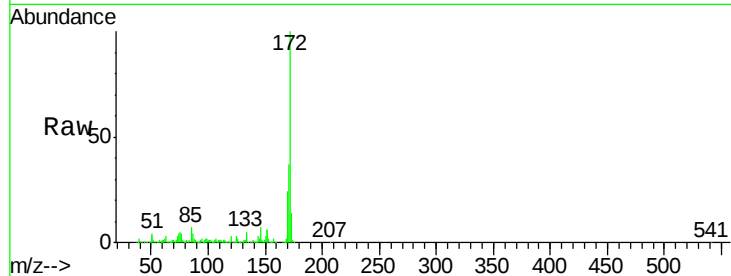




#45
2-Fluorobiphenyl
Concen: 94.09 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

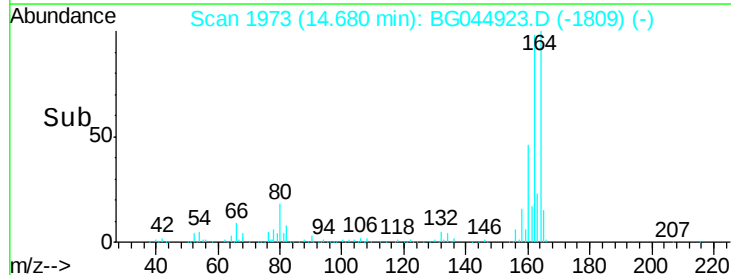
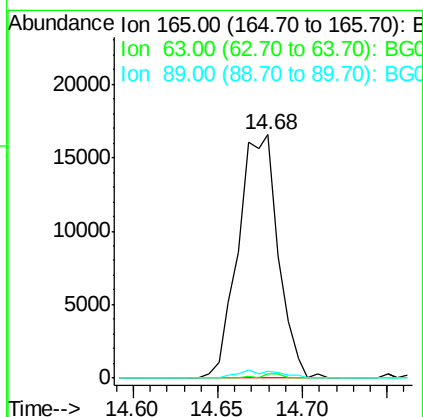
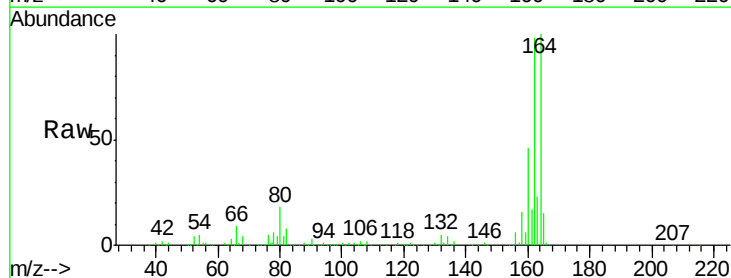
Instrument :
BNA_G
ClientSampleId :
PB127705BL

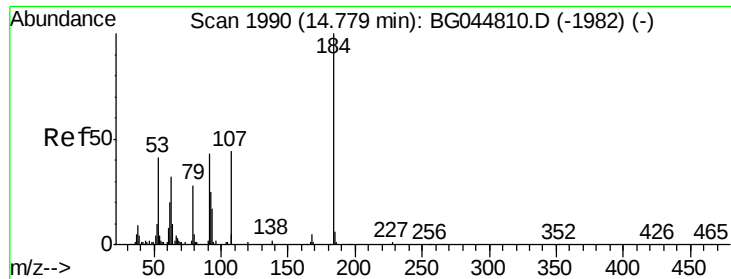
Tgt Ion:172 Resp: 1370074
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.4 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.44 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

Tgt Ion:165 Resp: 27247
Ion Ratio Lower Upper
165 100
63 1.9 45.8 68.8#
89 2.6 51.8 77.6#

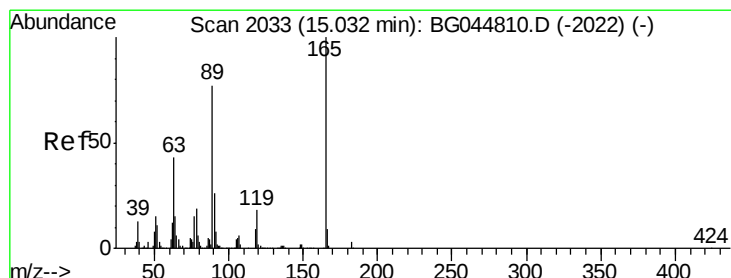
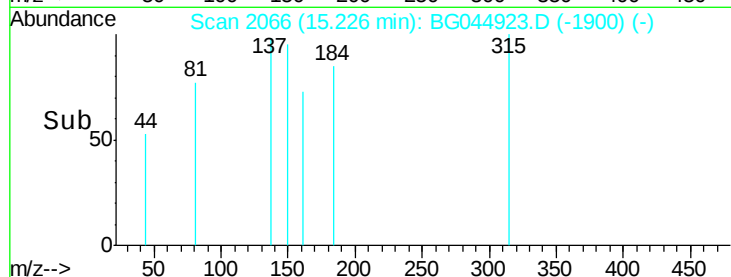
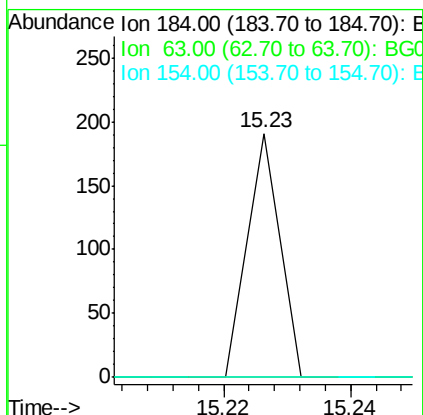
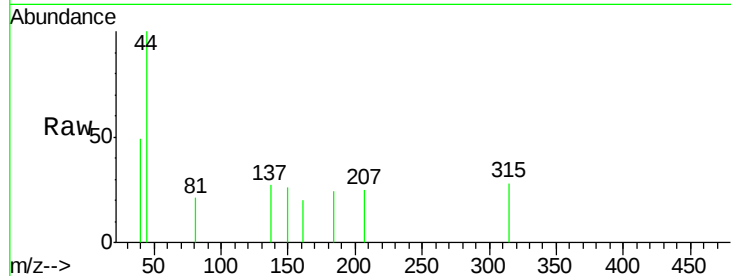




#54
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 15.23 min Scan# 2066
Delta R.T. 0.45 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

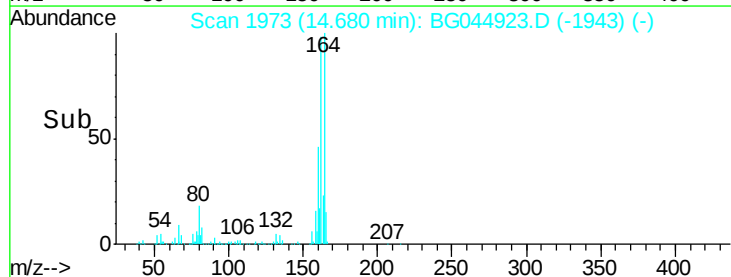
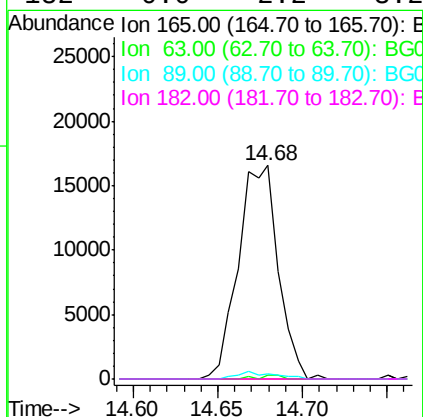
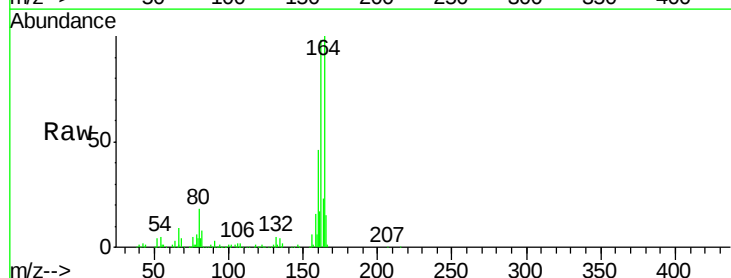
Instrument :
BNA_G
ClientSampleId :
PB127705BL

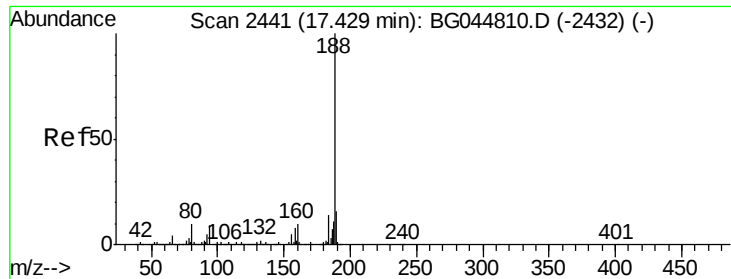
Tgt Ion:184 Resp: 67
Ion Ratio Lower Upper
184 100
63 0.0 45.5 68.3#
154 0.0 49.1 73.7#



#57
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.35 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

Tgt Ion:165 Resp: 27247
Ion Ratio Lower Upper
165 100
63 1.9 34.6 52.0#
89 2.6 61.3 91.9#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB127705BL

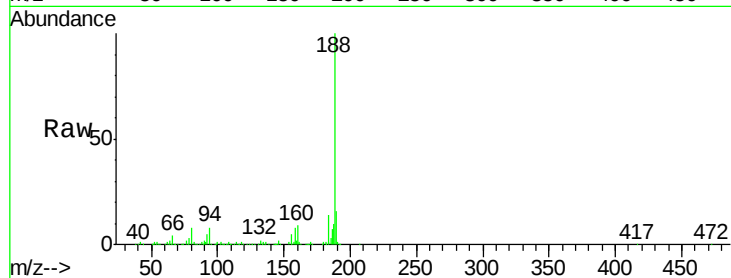
Tgt Ion:188 Resp: 487346

Ion Ratio Lower Upper

188 100

94 7.7 7.3 10.9

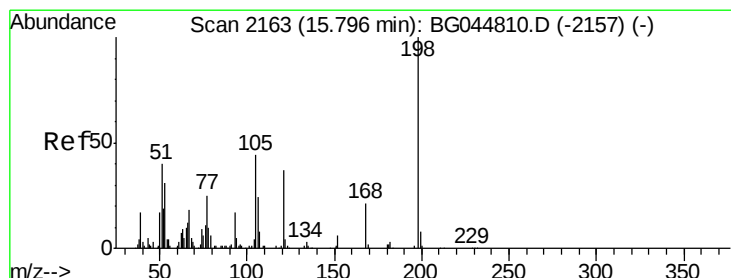
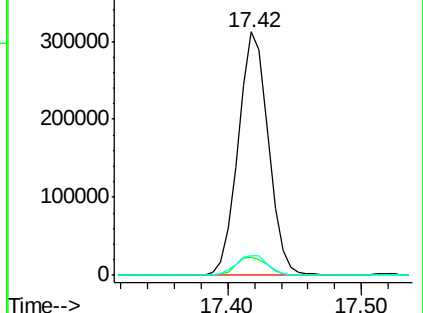
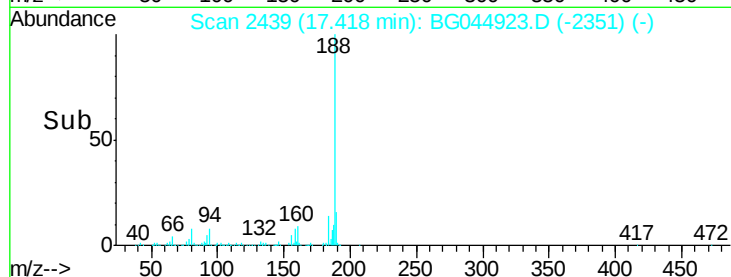
80 8.2 8.0 12.0



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: 8.12 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.36 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

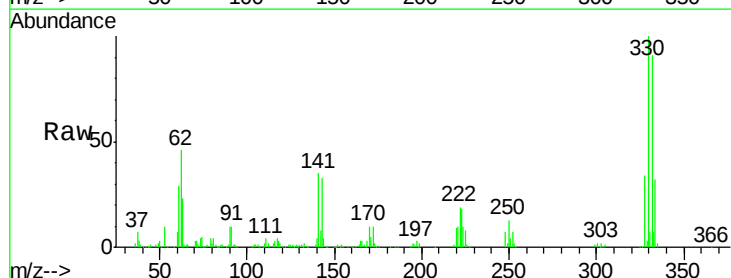
Tgt Ion:198 Resp: 1061

Ion Ratio Lower Upper

198 100

51 48.0 21.1 61.1

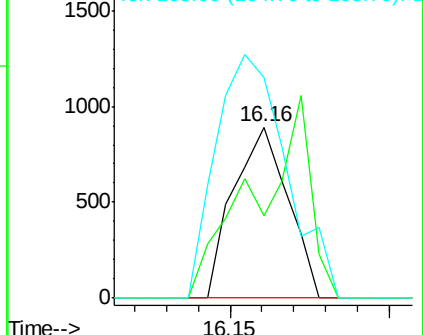
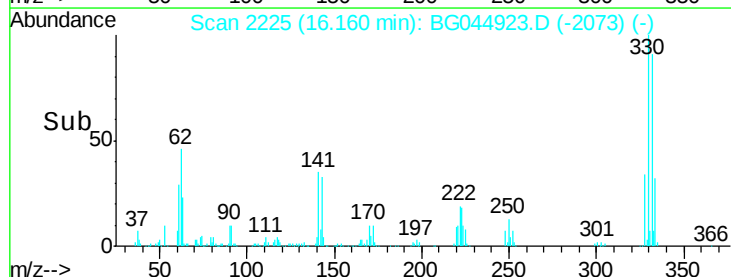
105 129.3 24.5 64.5#

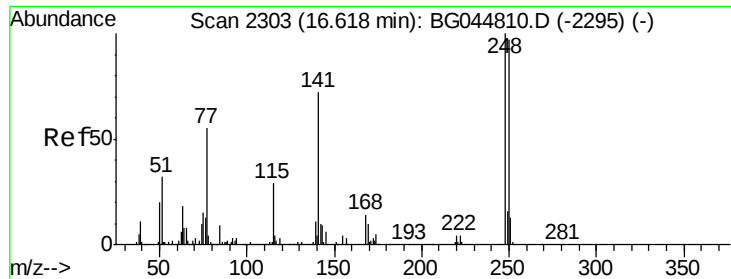


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

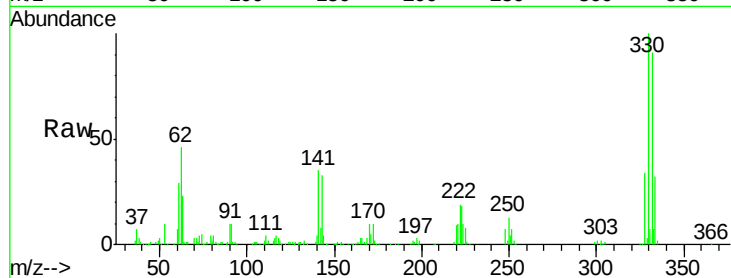




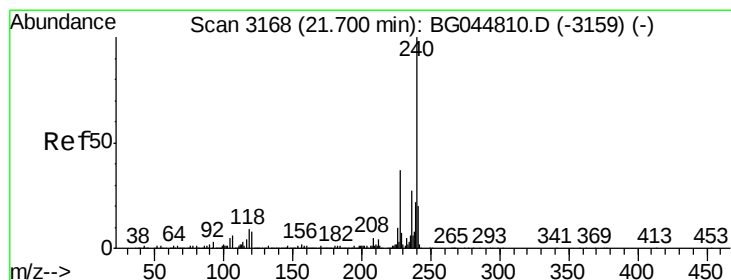
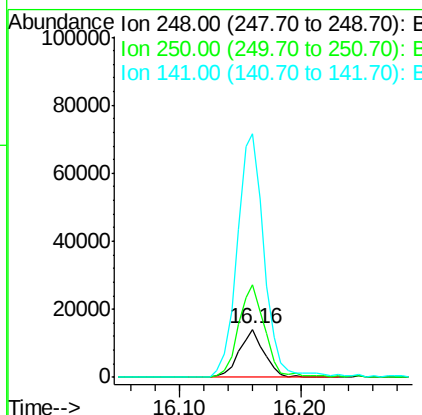
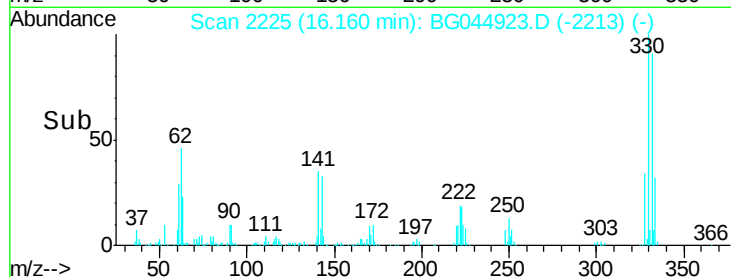
#67
4-Bromophenyl-phenylether
Concen: 3.39 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

Instrument :
BNA_G
ClientSampleId :
PB127705BL

Tgt Ion:248 Resp: 20655
Ion Ratio Lower Upper
248 100
250 191.5 77.9 116.9#
141 504.3 57.5 86.3#

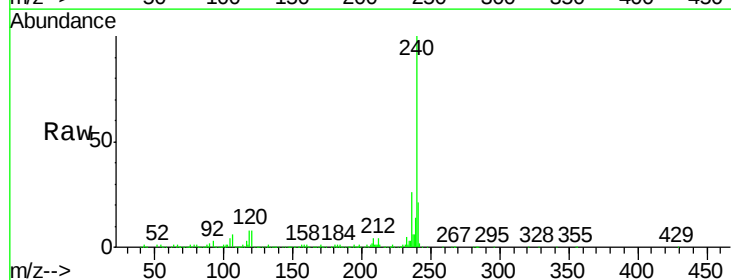


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

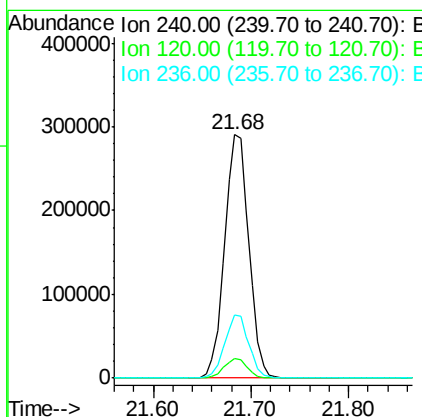
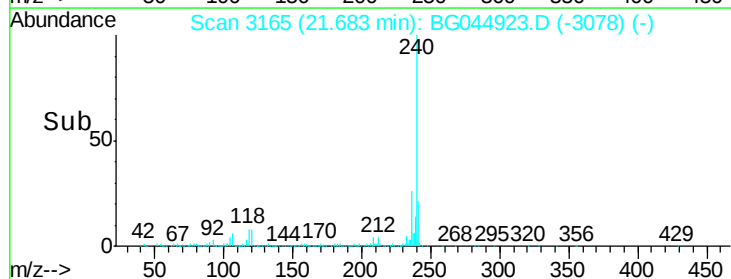


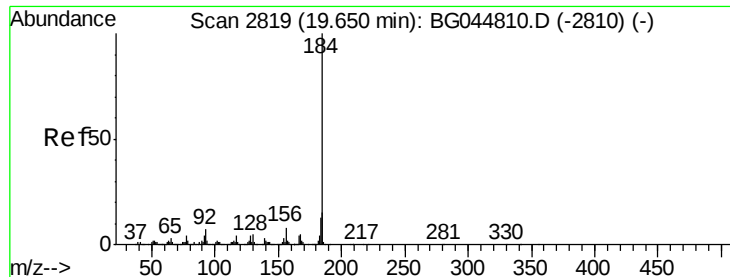
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044923.D
Acq: 20 Mar 2020 17:14

Tgt Ion:240 Resp: 500029
Ion Ratio Lower Upper
240 100
120 8.3 6.7 10.1
236 25.9 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: 3.04 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.38 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

Instrument :

BNA_G

ClientSampleId :

PB127705BL

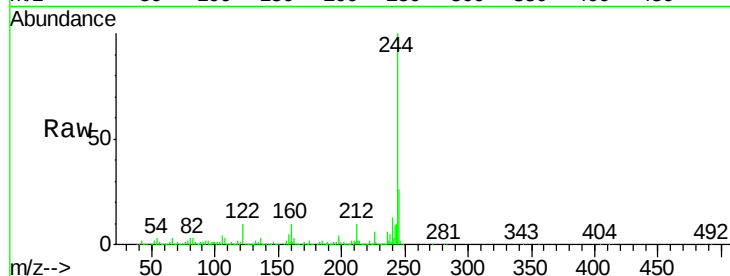
Tgt Ion:184 Resp: 49341

Ion Ratio Lower Upper

184 100

185 18.5 12.2 18.4#

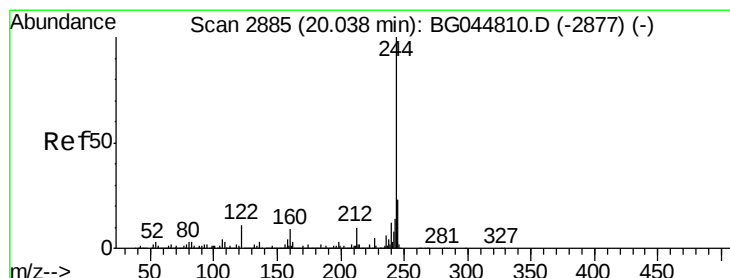
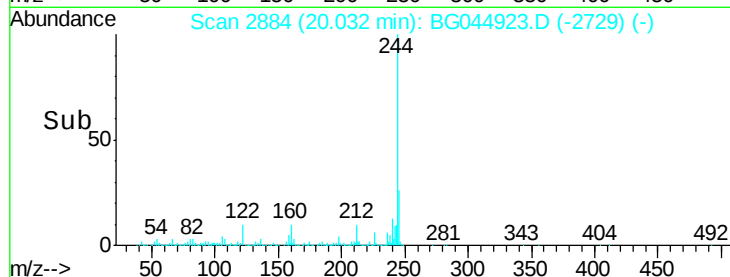
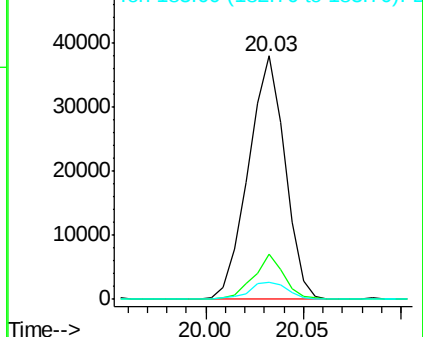
183 6.8 10.7 16.1#



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: 91.79 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044923.D

Acq: 20 Mar 2020 17:14

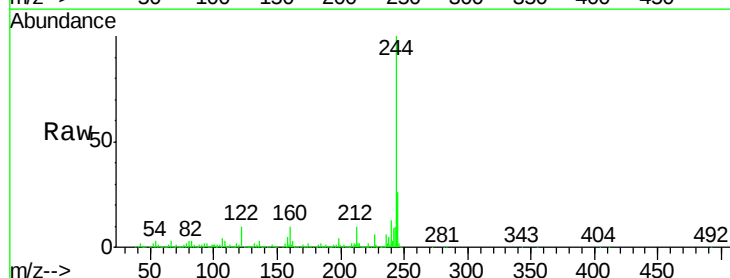
Tgt Ion:244 Resp: 2453600

Ion Ratio Lower Upper

244 100

212 10.3 7.7 11.5

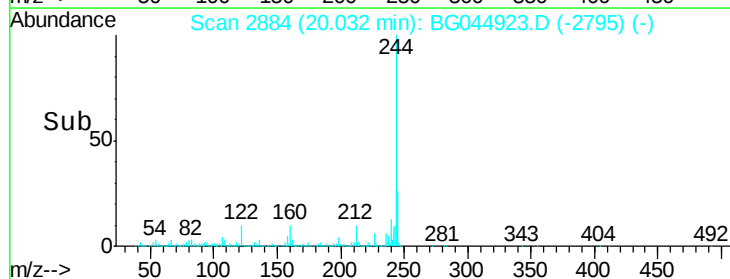
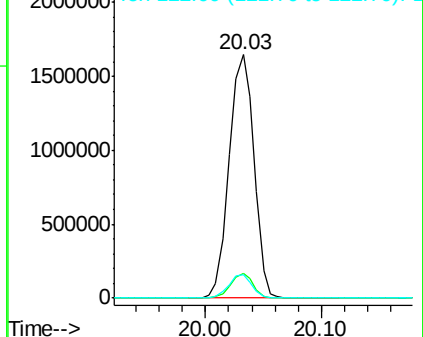
122 9.7 8.6 12.8

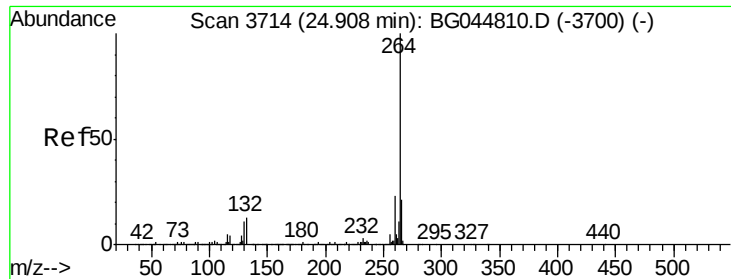


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG044923.D
Acq: 20 Mar 2020 17:14

Instrument :
BNA_G
ClientSampleId :
PB127705BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.1	27.1
265	20.7	17.1	25.7

