

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
 Data File : BG044878.D
 Acq On : 19 Mar 2020 00:27
 Operator : CG/JU
 Sample : L1942-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10-DA

Quant Time: Mar 19 01:44:28 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	8.04	152	68815	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	268012	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	184818	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	440877	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	486684	20.00	ng	-0.02
87) Perylene-d12	24.89	264	502898	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	439133	99.34	ng	0.00
7) Phenol-d6	7.20	99	613526	95.52	ng	0.00
23) Nitrobenzene-d5	9.20	82	391127	64.04	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	258676	106.89	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	823214	63.79	ng	0.00
79) Terphenyl-d14	20.03	244	1488679	57.22	ng	-0.01

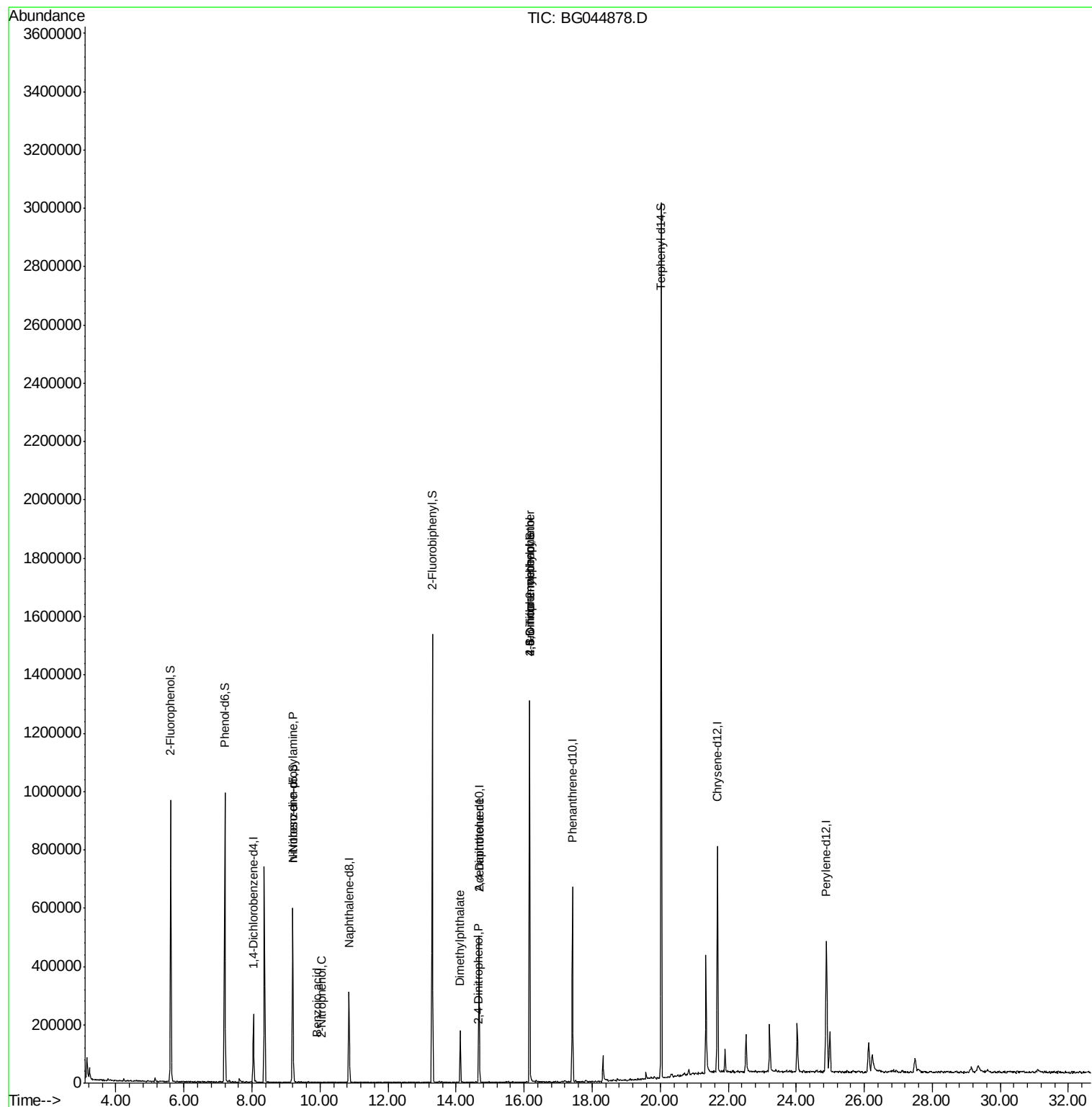
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.19	77	1588	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	52562	11.59	ng	73
26) 2-Nitrophenol	10.05	139	63	5.54	ng	28
32) Benzoic acid	9.92	122	56	9.68	ng	12
50) Dimethylphthalate	14.12	163	121651	8.26	ng	99
54) 2,4-Dinitrophenol	14.65	184	70	8.36	ng	21
57) 2,4-Dinitrotoluene	14.67	165	23342	5.74	ng	20
65) 4,6-Dinitro-2-methylphenol	16.16	198	848	8.07	ng	90
67) 4-Bromophenyl-phenylether	16.16	248	17065	3.10	ng	1

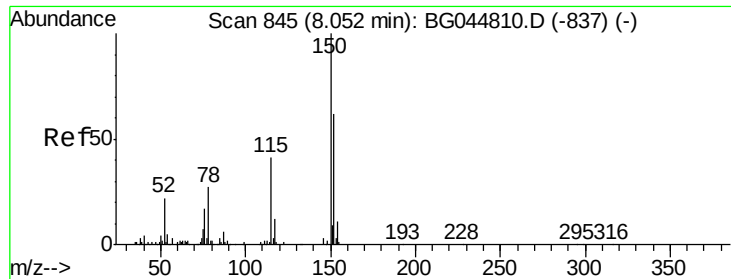
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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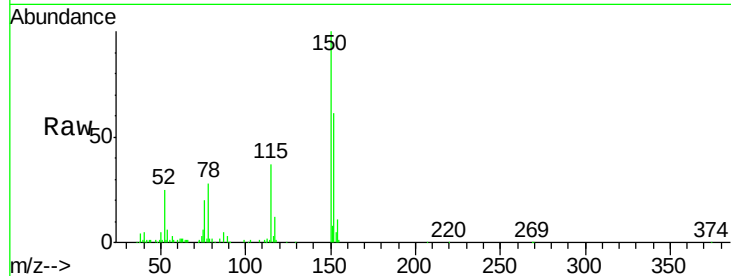


#1

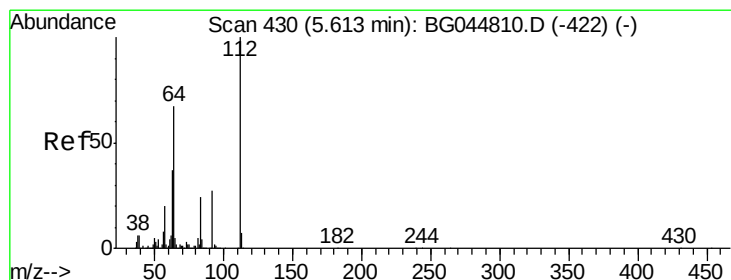
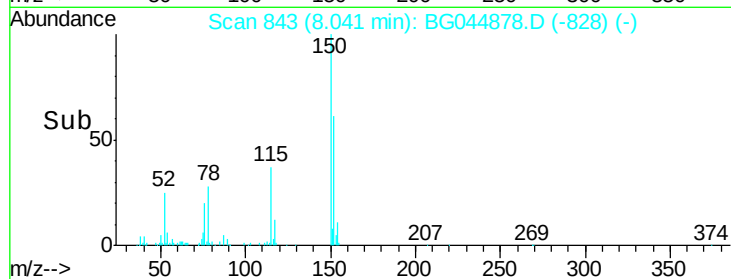
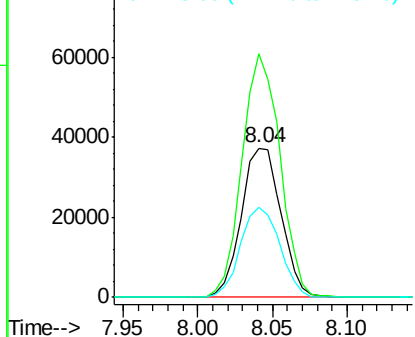
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Instrument :
BNA_G
ClientSampleId :
TP-10-DA

Tgt Ion:152 Resp: 68815
Ion Ratio Lower Upper
152 100
150 162.9 128.8 193.2
115 60.5 52.6 79.0



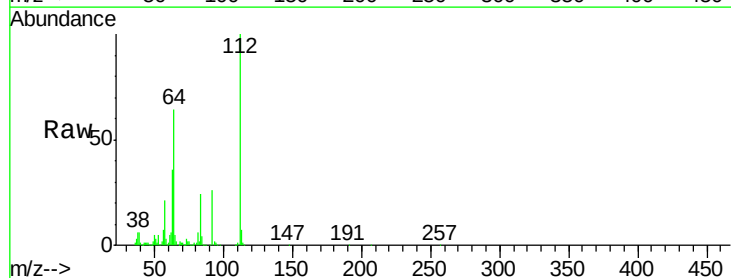
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



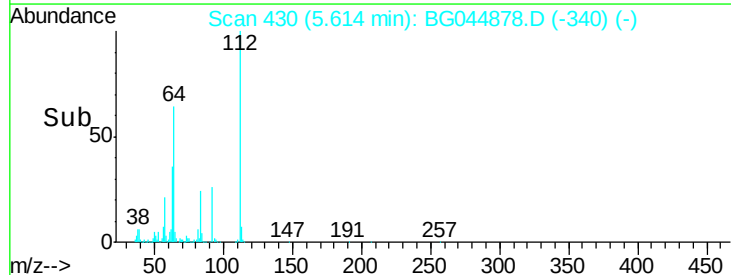
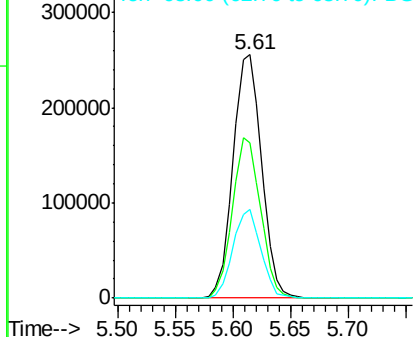
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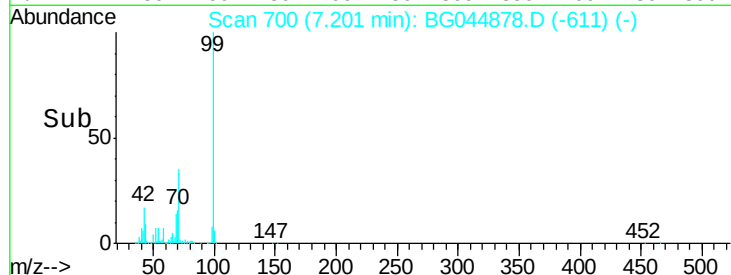
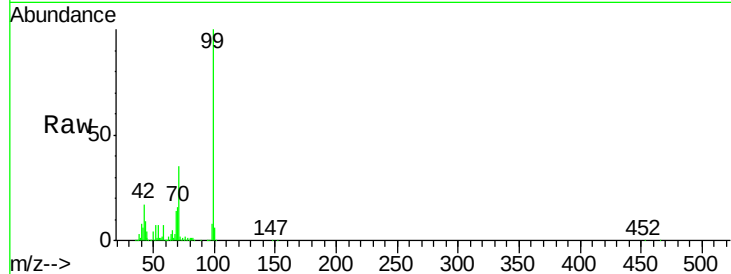
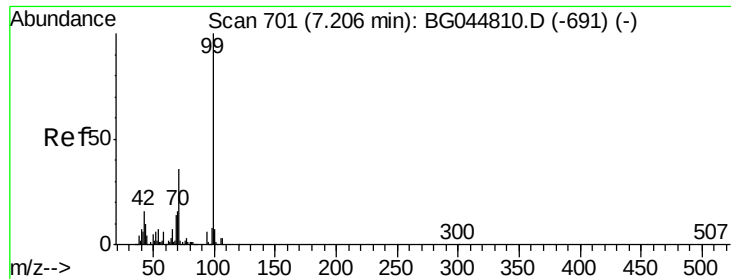
2-Fluorophenol
Concen: 99.34 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:112 Resp: 439133
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 36.5 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: 95.52 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044878.D

Acq: 19 Mar 2020 00:27

Instrument :

BNA_G

ClientSampleId :

TP-10-DA

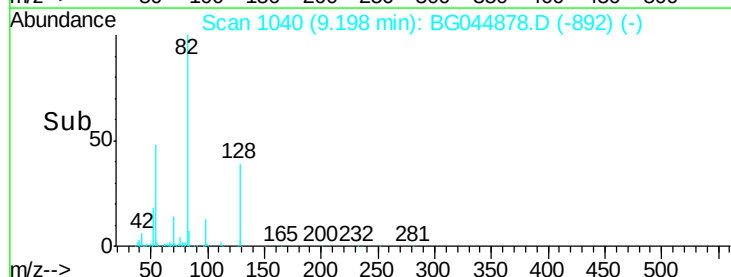
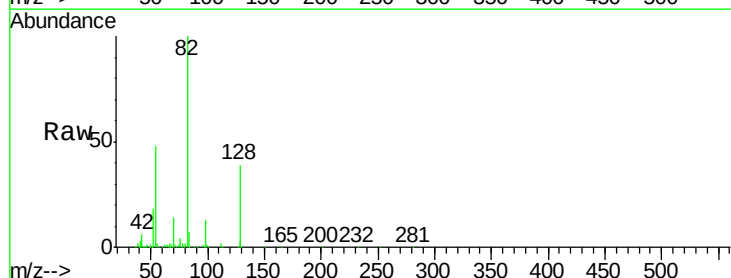
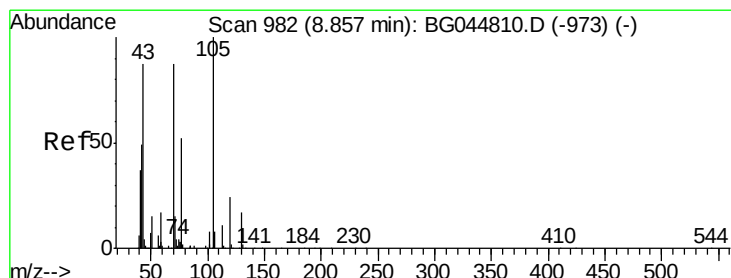
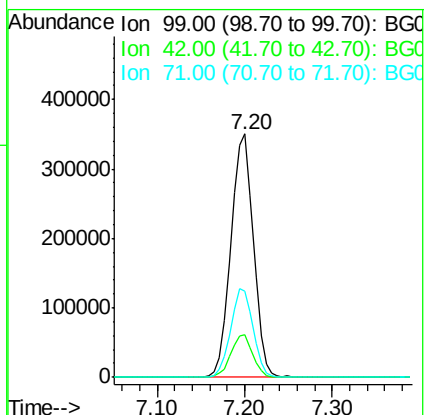
Tgt Ion: 99 Resp: 613526

Ion Ratio Lower Upper

99 100

42 17.3 12.6 19.0

71 35.2 29.0 43.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.59 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.34 min

Lab File: BG044878.D

Acq: 19 Mar 2020 00:27

Tgt Ion: 70 Resp: 52562

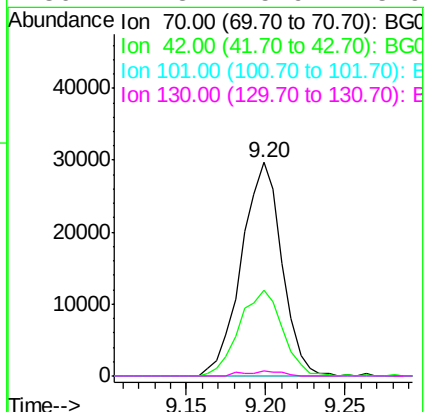
Ion Ratio Lower Upper

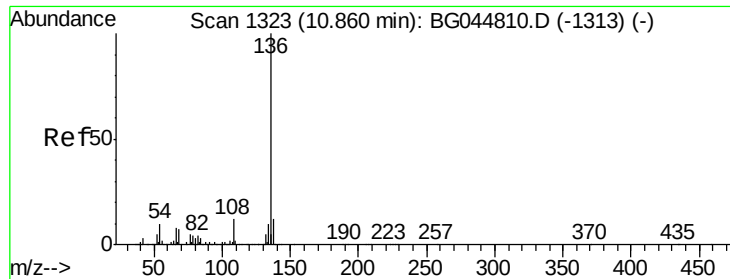
70 100

42 40.0 45.7 68.5#

101 0.0 7.4 11.2#

130 2.3 15.9 23.9#

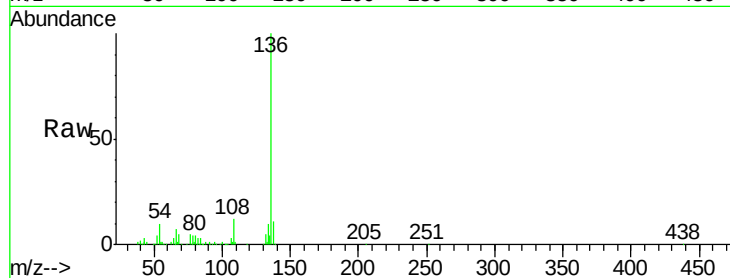




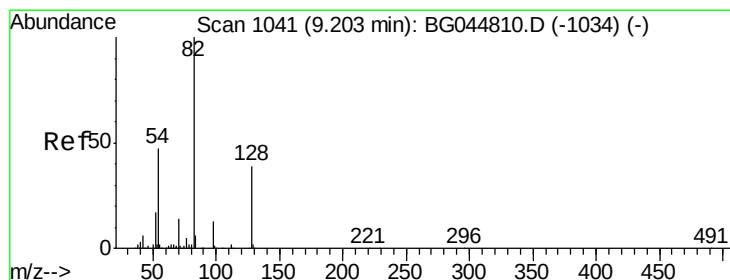
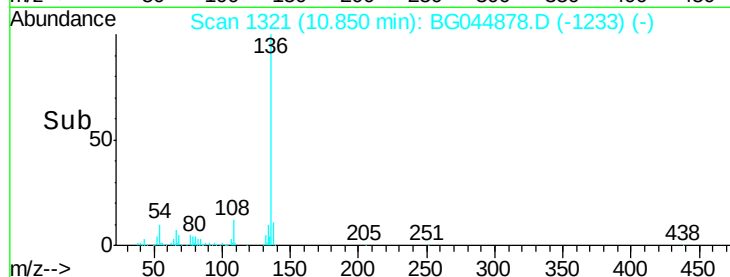
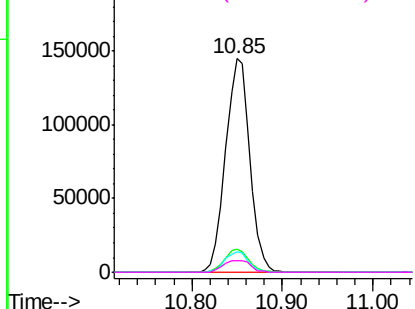
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Instrument :
BNA_G
ClientSampleId :
TP-10-DA

Tgt Ion:	136	Resp:	268012
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.8	7.9	11.9
68	5.4	5.4	8.0

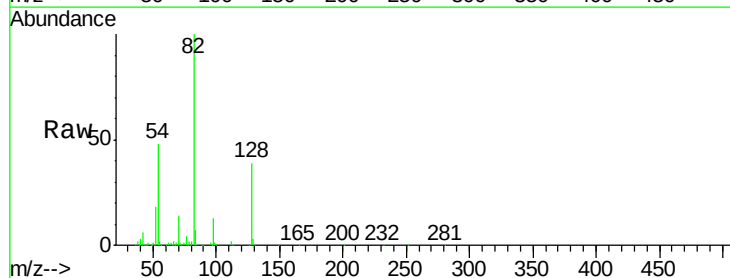


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

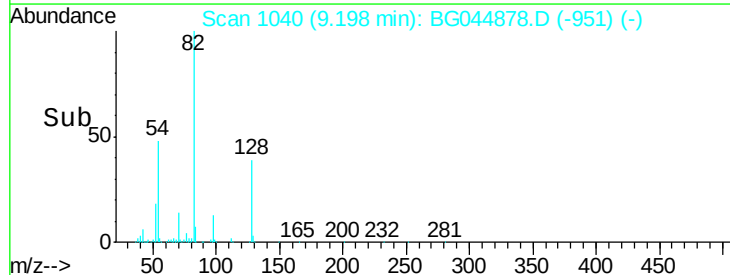
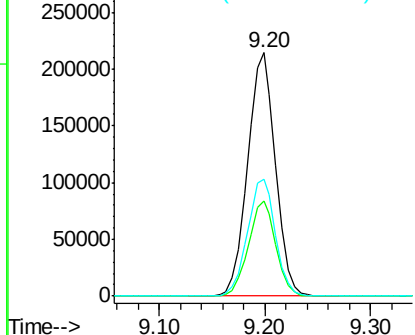


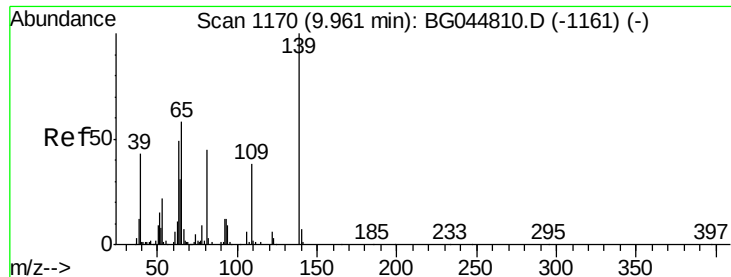
#23
Nitrobenzene-d5
Concen: 64.04 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:	82	Resp:	391127
Ion	Ratio	Lower	Upper
82	100		
128	39.0	30.6	46.0
54	47.8	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

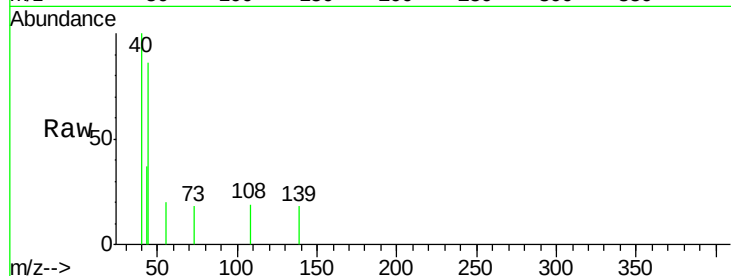




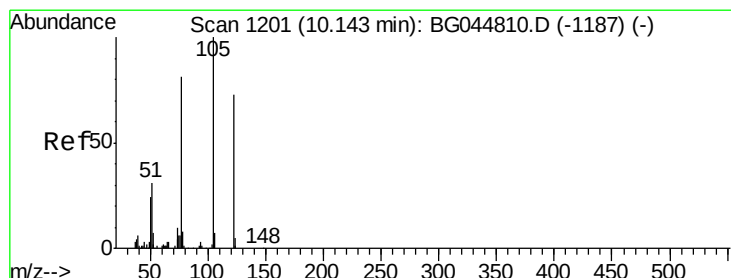
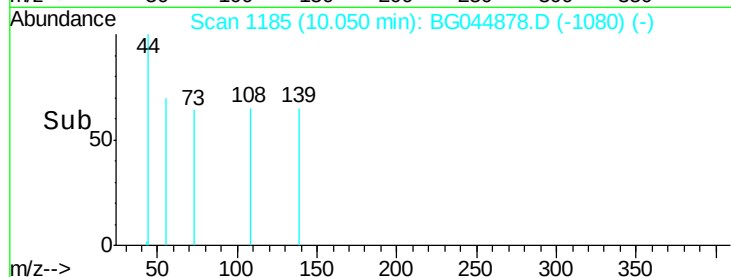
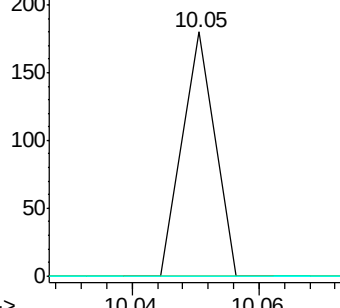
#26
2-Nitrophenol
Concen: 5.54 ng
RT: 10.05 min Scan# 1185
Delta R.T. 0.09 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Instrument :
BNA_G
ClientSampleId :
TP-10-DA

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

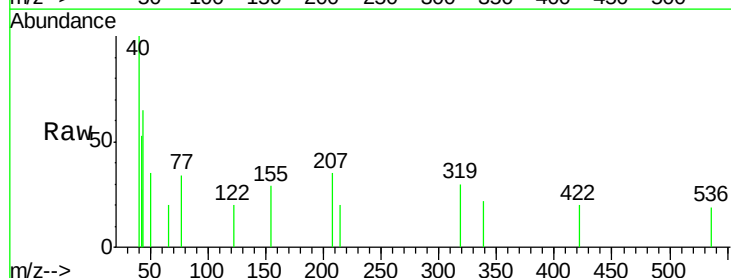


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

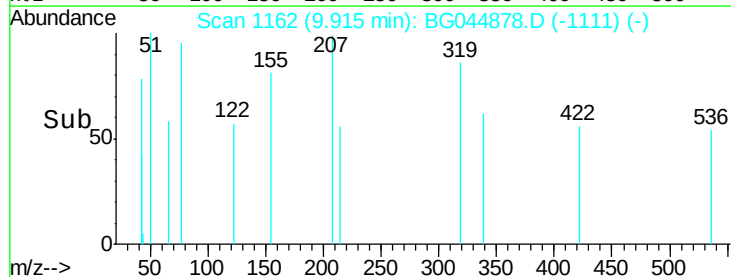
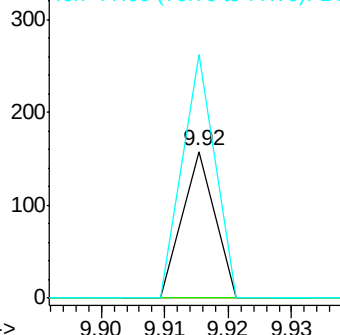


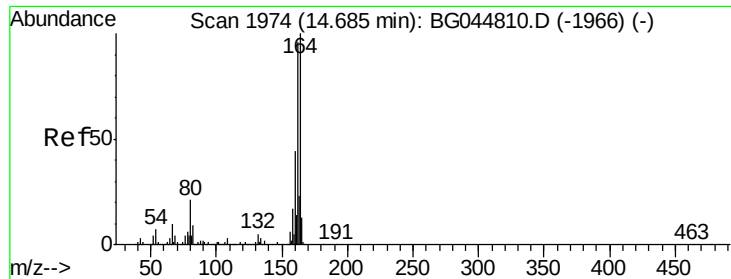
#32
Benzoic acid
Concen: 9.68 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.23 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	109.1	149.1#
77	165.8	85.3	125.3#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044878.D

Acq: 19 Mar 2020 00:27

Instrument :

BNA_G

ClientSampleId :

TP-10-DA

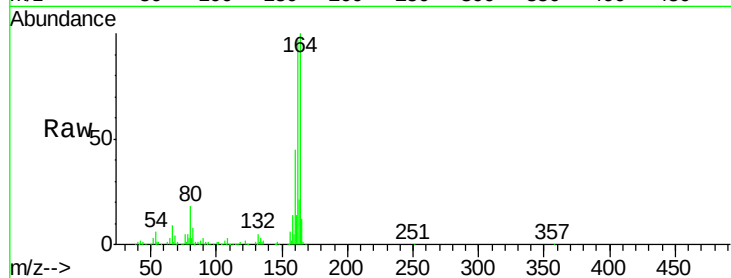
Tgt Ion:164 Resp: 184818

Ion Ratio Lower Upper

164 100

162 97.1 76.7 115.1

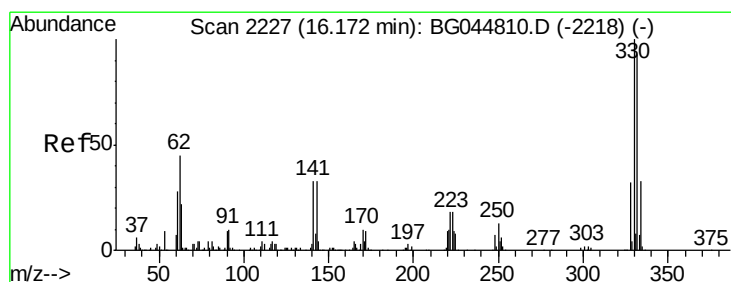
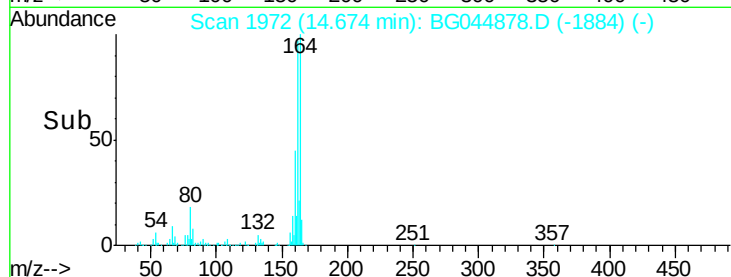
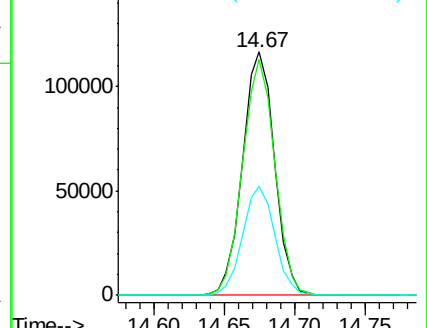
160 44.8 35.0 52.4



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: 106.89 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044878.D

Acq: 19 Mar 2020 00:27

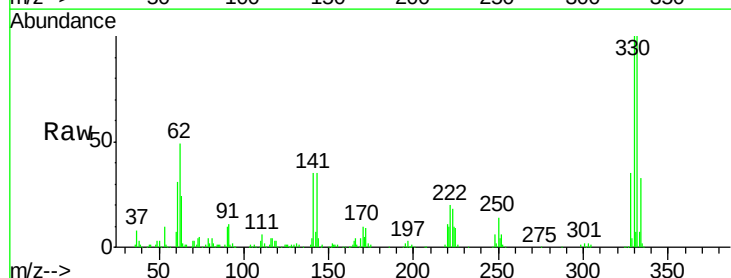
Tgt Ion:330 Resp: 258676

Ion Ratio Lower Upper

330 100

332 98.9 77.8 116.6

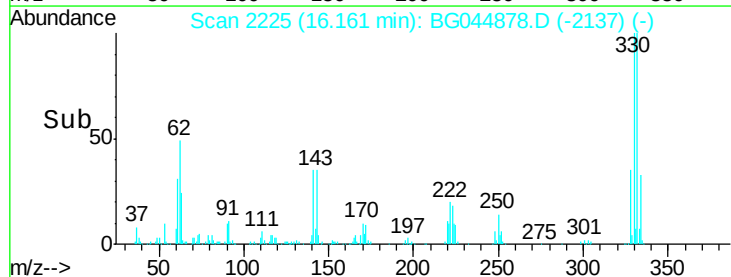
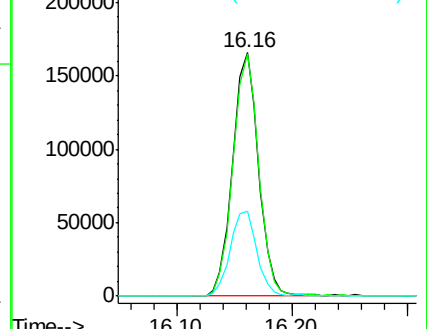
141 36.0 29.5 44.3

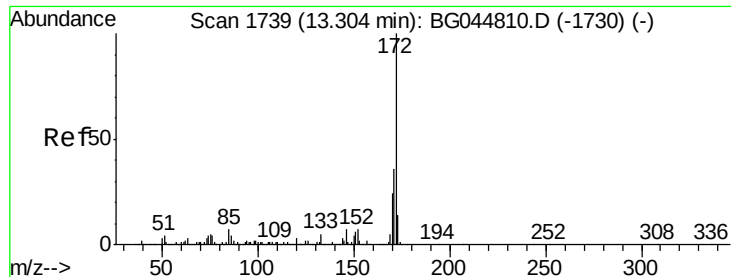


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

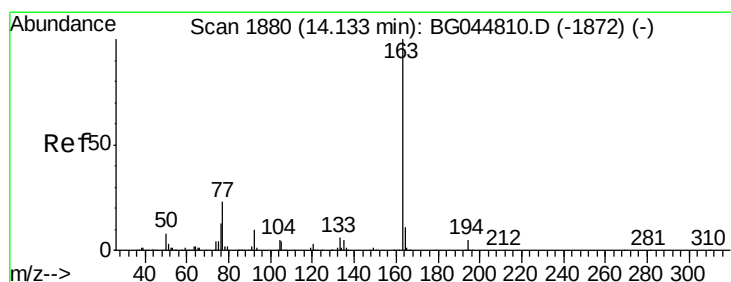
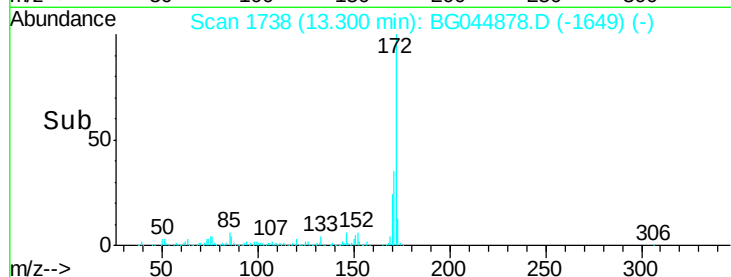
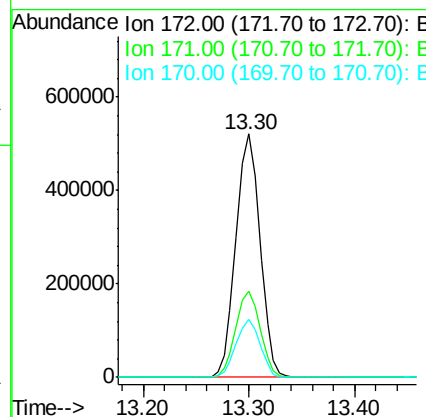
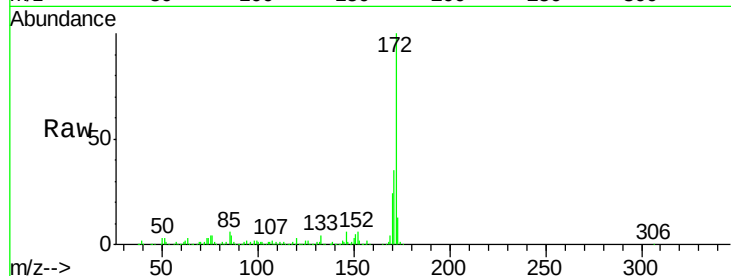




#45
2-Fluorobiphenyl
Concen: 63.79 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

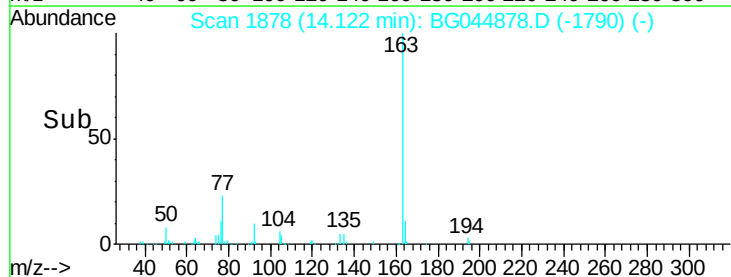
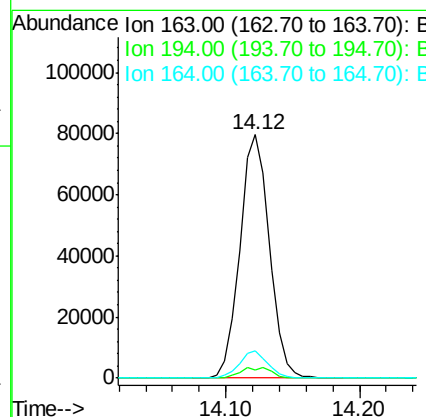
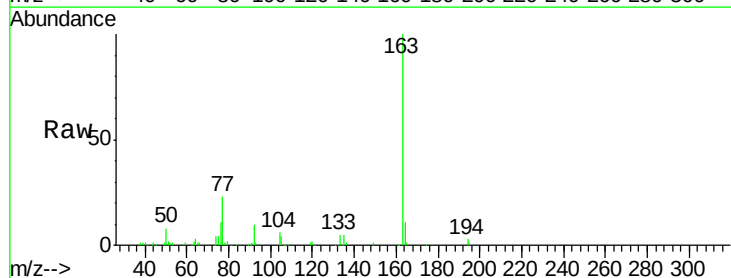
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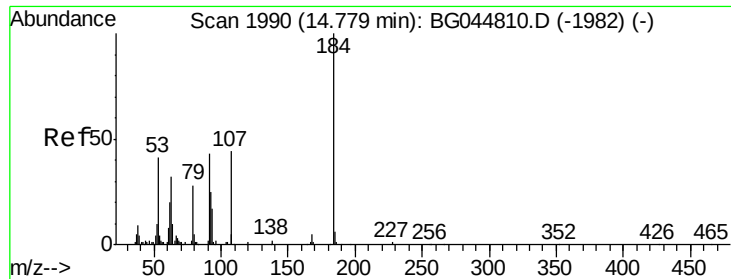
Tgt Ion:172 Resp: 823214
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.8 19.0 28.6



#50
Dimethylphthalate
Concen: 8.26 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:163 Resp: 121651
Ion Ratio Lower Upper
163 100
194 3.4 3.7 5.5#
164 11.2 9.1 13.7

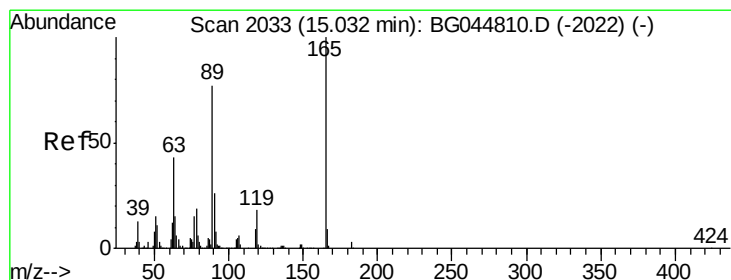
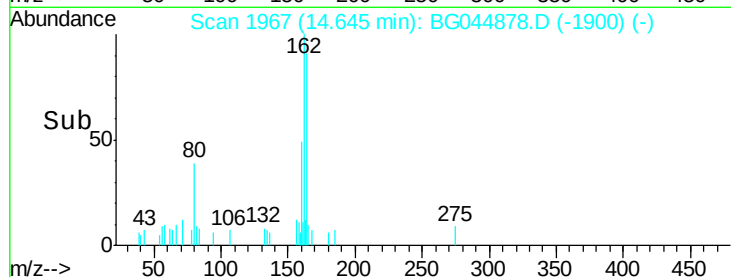
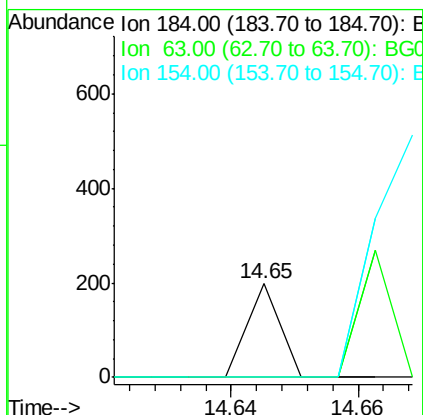
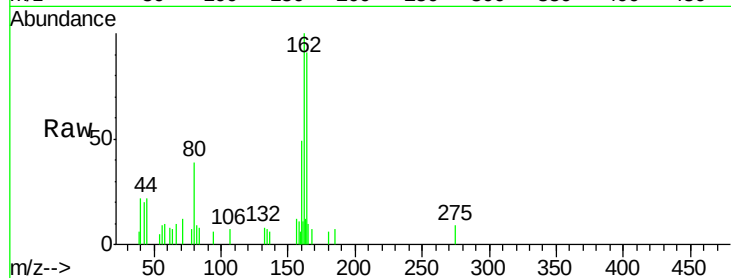




#54
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.13 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

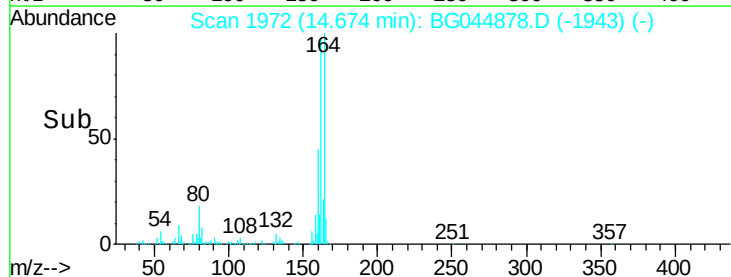
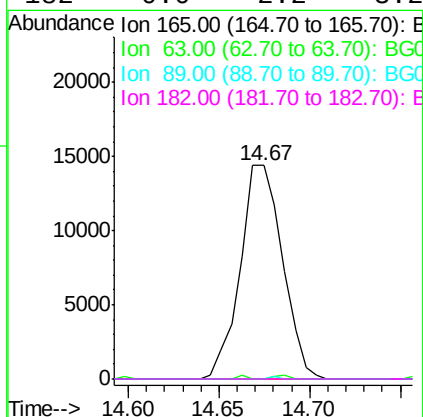
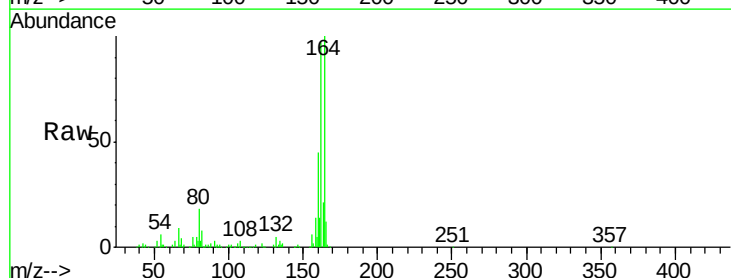
Instrument :
BNA_G
ClientSampleId :
TP-10-DA

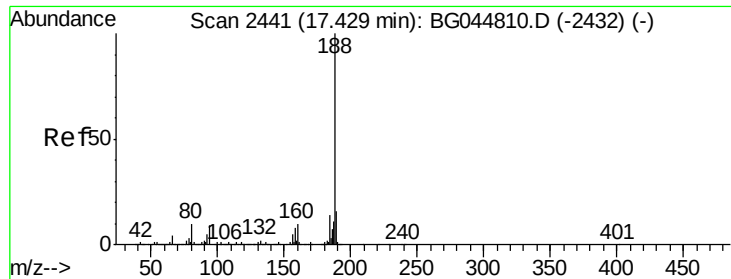
Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 0.0 45.5 68.3#
154 0.0 49.1 73.7#



#57
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:165 Resp: 23342
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 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: BG044878.D

Acq: 19 Mar 2020 00:27

Instrument :

BNA_G

ClientSampleId :

TP-10-DA

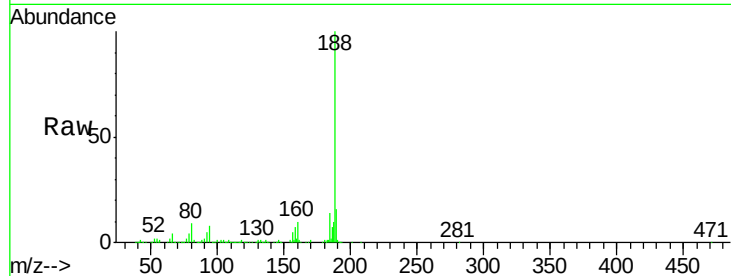
Tgt Ion:188 Resp: 440877

Ion Ratio Lower Upper

188 100

94 8.4 7.3 10.9

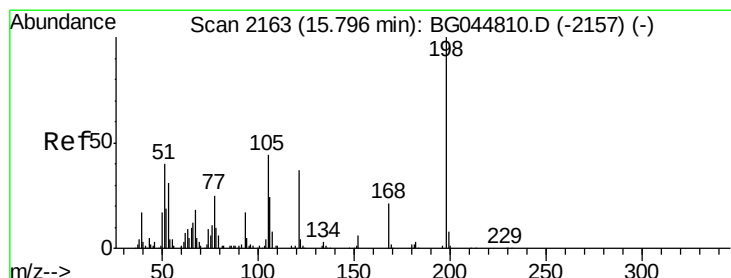
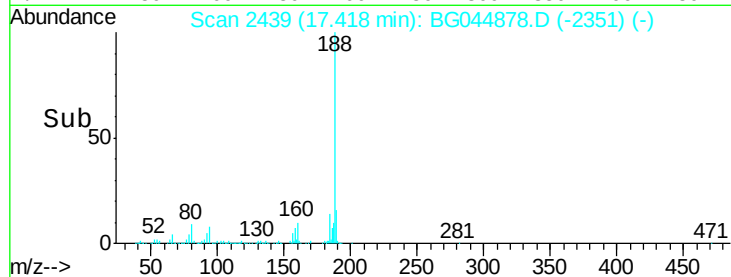
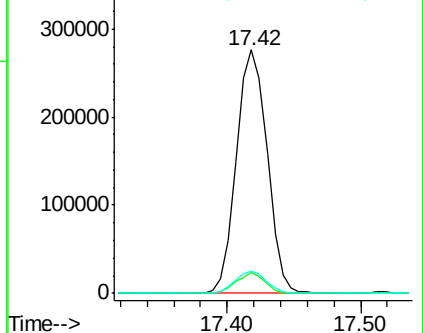
80 9.3 8.0 12.0



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: 8.07 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.37 min

Lab File: BG044878.D

Acq: 19 Mar 2020 00:27

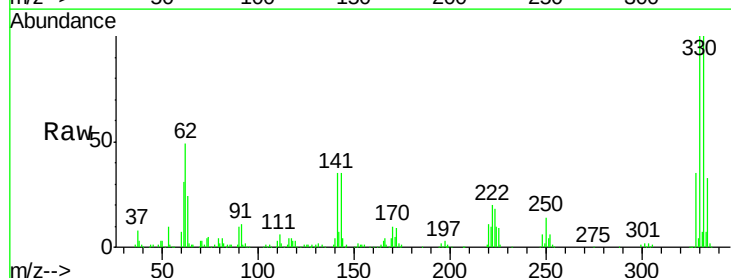
Tgt Ion:198 Resp: 848

Ion Ratio Lower Upper

198 100

51 36.9 21.1 61.1

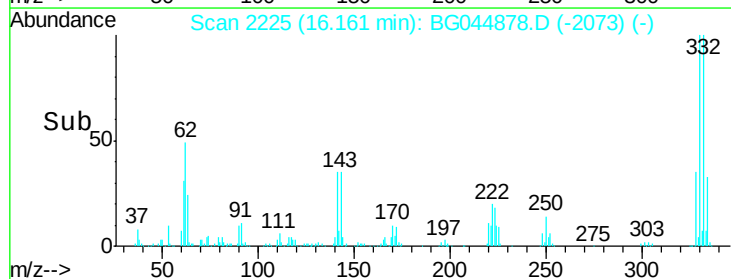
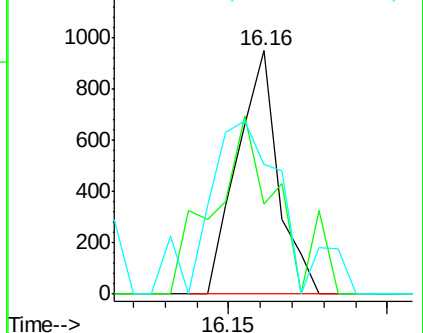
105 53.4 24.5 64.5

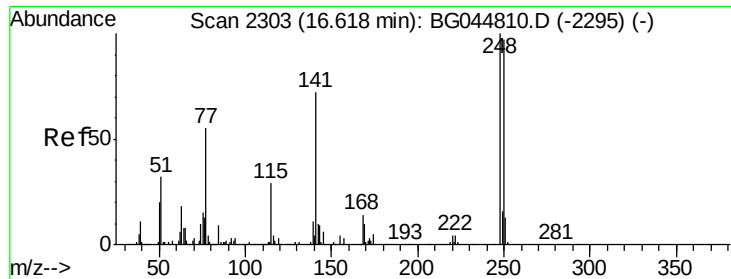


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

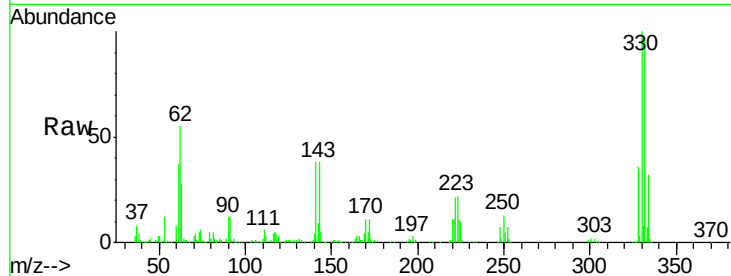




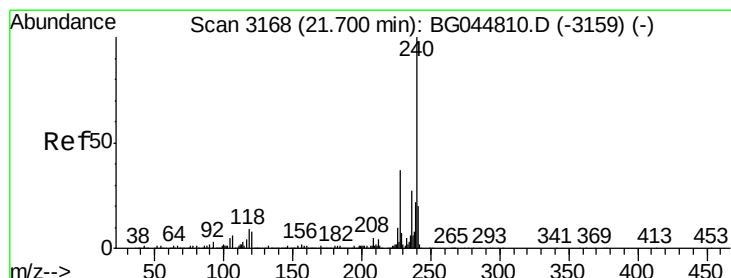
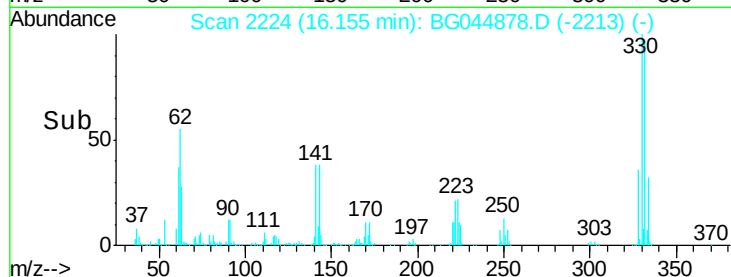
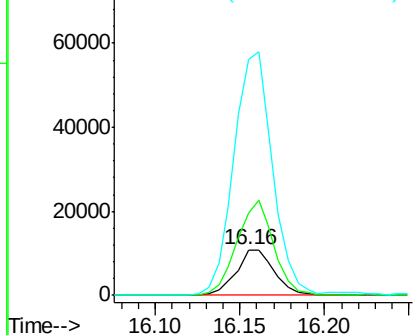
#67
 4-Bromophenyl-phenylether
 Concen: 3.10 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.46 min
 Lab File: BG044878.D
 Acq: 19 Mar 2020 00:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-10-DA

Tgt Ion: 248 Resp: 17065
 Ion Ratio Lower Upper
 248 100
 250 179.3 77.9 116.9#
 141 515.9 57.5 86.3#

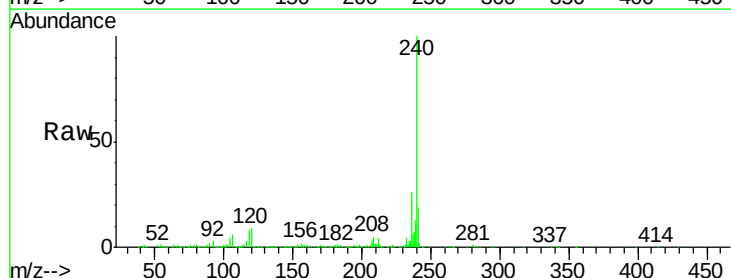


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

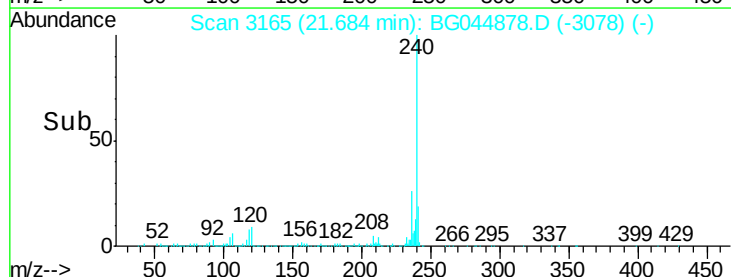
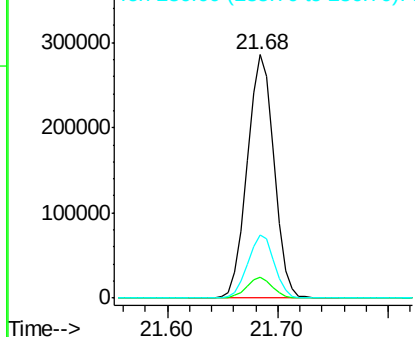


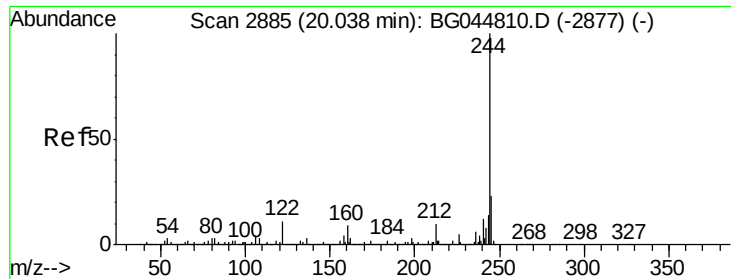
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG044878.D
 Acq: 19 Mar 2020 00:27

Tgt Ion: 240 Resp: 486684
 Ion Ratio Lower Upper
 240 100
 120 8.7 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





#79

Terphenyl-d14

Concen: 57.22 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044878.D

Acq: 19 Mar 2020 00:27

Instrument :

BNA_G

ClientSampled :

TP-10-DA

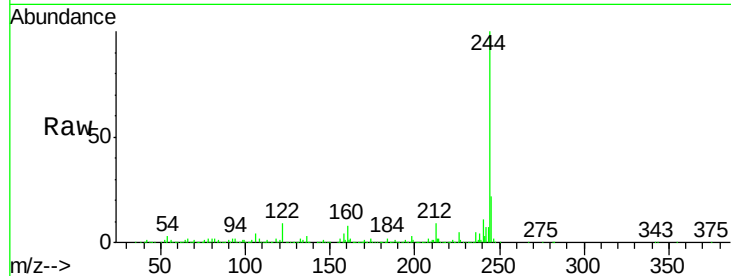
Tgt Ion:244 Resp: 1488679

Ion Ratio Lower Upper

244 100

212 8.7 7.7 11.5

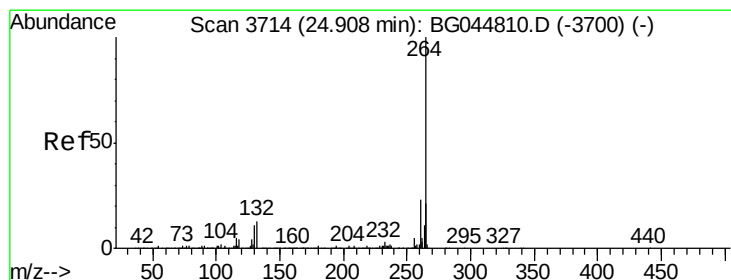
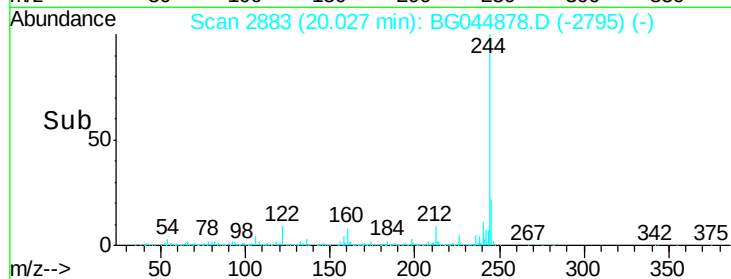
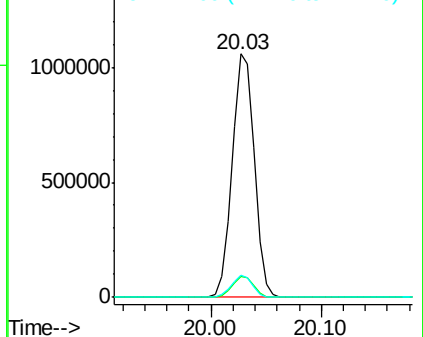
122 9.3 8.6 12.8



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: BG044878.D

Acq: 19 Mar 2020 00:27

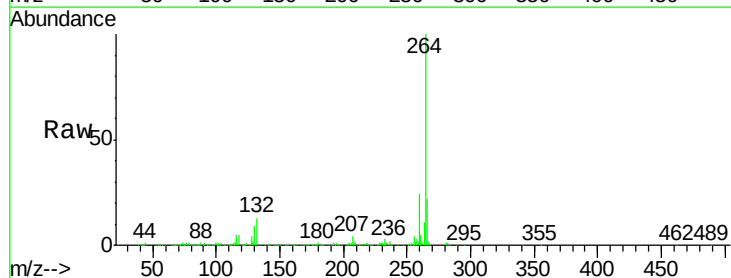
Tgt Ion:264 Resp: 502898

Ion Ratio Lower Upper

264 100

260 23.7 18.1 27.1

265 22.1 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

