Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
Data File : BG044944.D
Acq On : 25 Mar 2020 1:22
Operator : CG/JU
Sample : L2011-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GHD1-WC-S-SB-0203

Quant Time: Mar 25 08:08:29 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 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	74261	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	288756	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	185705	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	430429	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	463679	20.00	ng		-0.02
87) Perylene-d12	24.89	264	482257	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	646779	135.58	ng		0.00
7) Phenol-d6	7.20	99	794635	114.65	ng		0.00
23) Nitrobenzene-d5	9.20	82	657149	99.86	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	411498	169.23	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	1356192	104.58	ng		0.00
79) Terphenyl-d14	20.03	244	2325188	93.80	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.19	77	1671	Below Cal		#	6
19) n-Nitroso-di-n-propylamine	9.20	70	89028	18.19	ng	#	75
26) 2-Nitrophenol	9.63	139	53	5.53	ng	#	28
32) Benzoic acid	10.31	122	76	9.69	ng	#	1
50) Dimethylphthalate	14.12	163	90791	6.14	ng		98
54) 2,4-Dinitrophenol	14.60	184	84	8.37	ng	#	21
57) 2,4-Dinitrotoluene	14.67	165	25421	6.22	ng	#	23
65) 4,6-Dinitro-2-methylphenol	15.73	198	84	7.76	ng	#	33
67) 4-Bromophenyl-phenylether	16.15	248	27863	5.18	ng	#	1
77) Benzidine	20.03	184	47774	3.17	ng	#	89

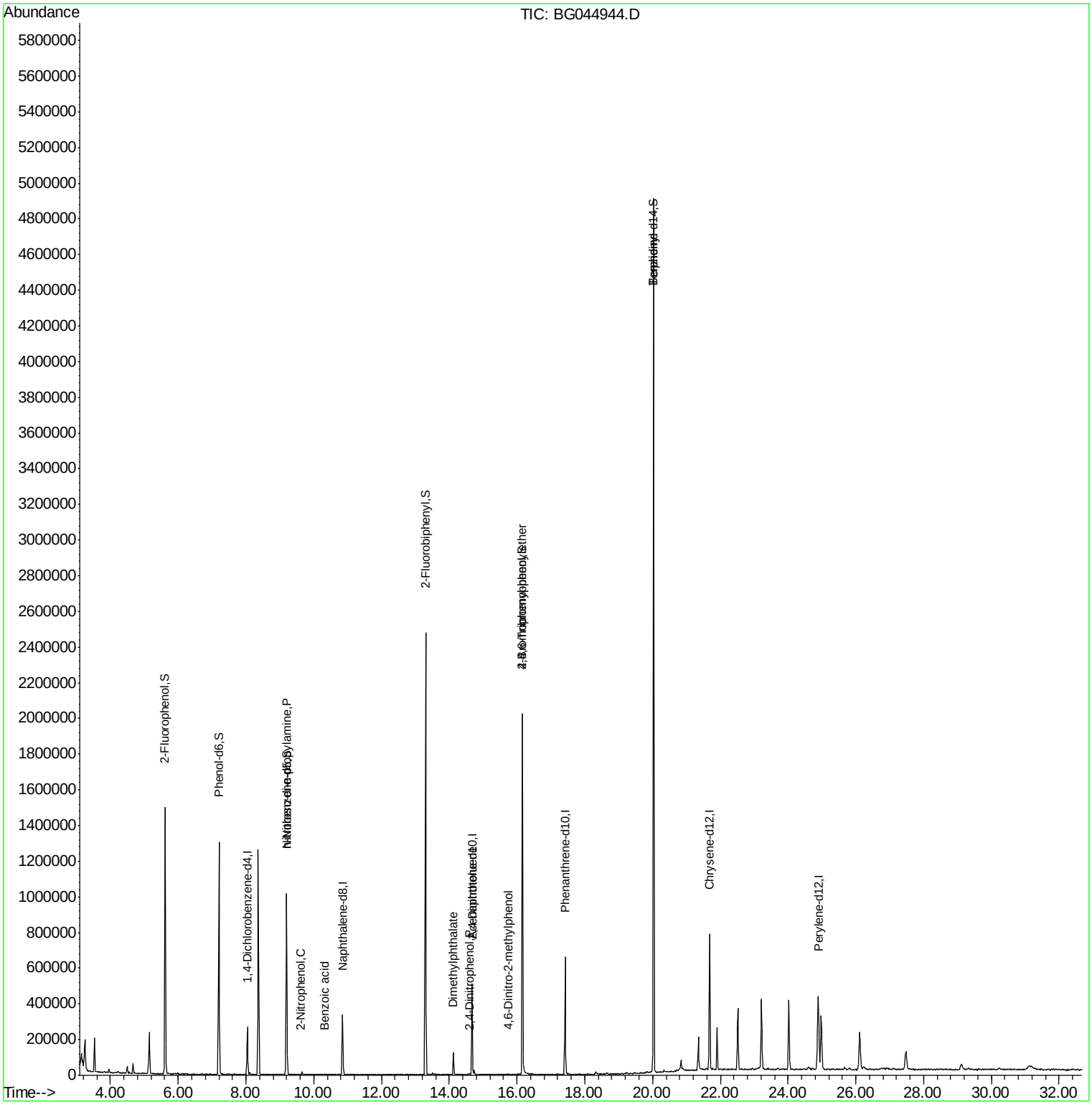
(#) = qualifier out of range (m) = manual integration (+) = signals summed

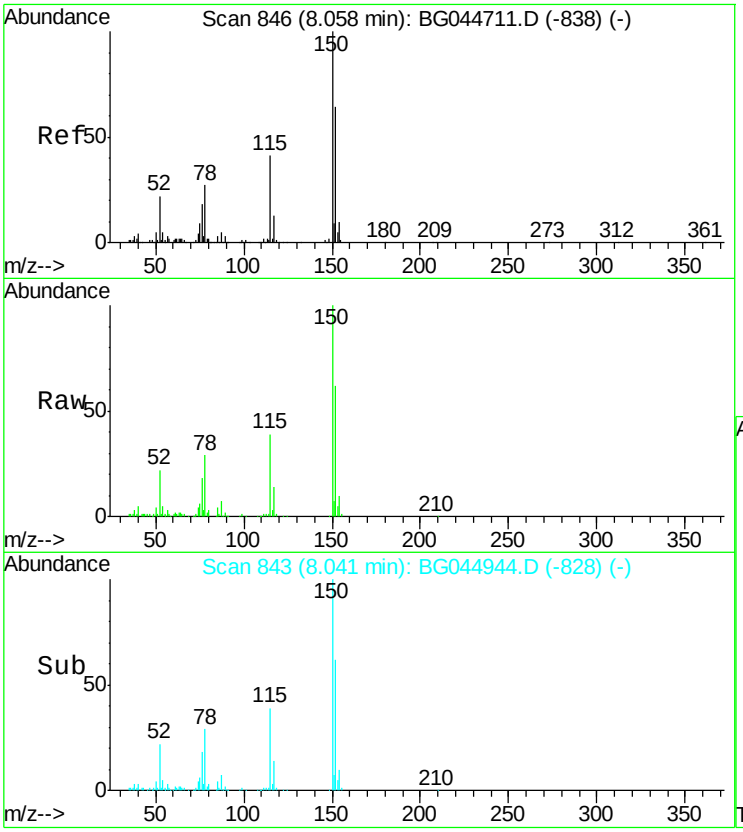
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
Data File : BG044944.D
Acq On : 25 Mar 2020 1:22
Operator : CG/JU
Sample : L2011-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Quant Time: Mar 25 08:08:29 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 23 07:18:46 2020
Response via : Initial Calibration



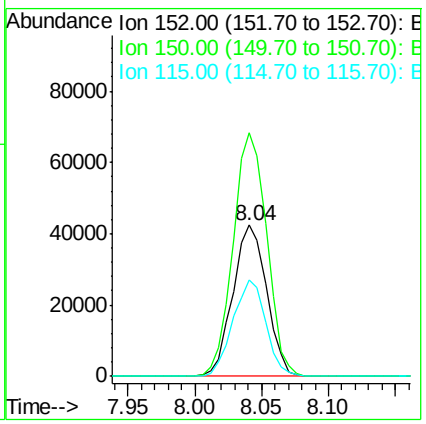


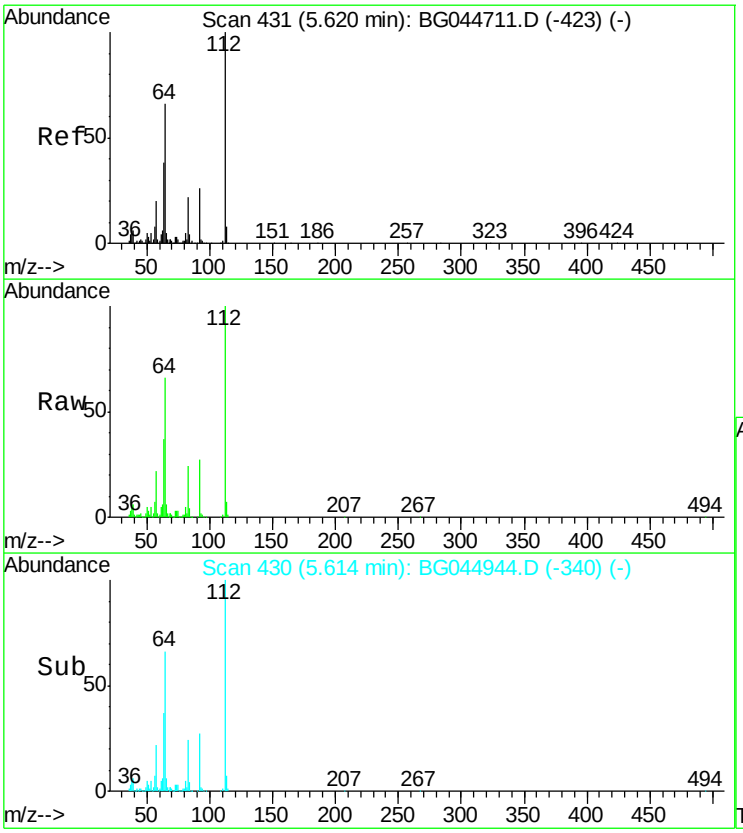
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion:152 Resp: 74261

Ion	Ratio	Lower	Upper
152	100		
150	160.9	128.8	193.2
115	63.3	52.6	79.0

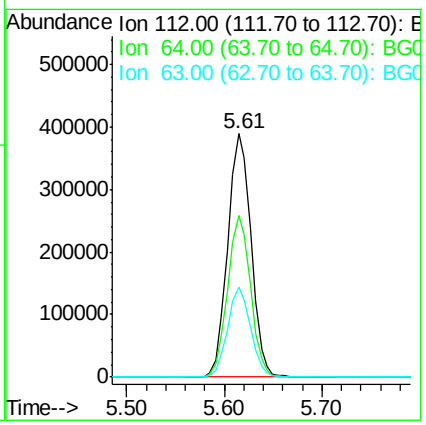


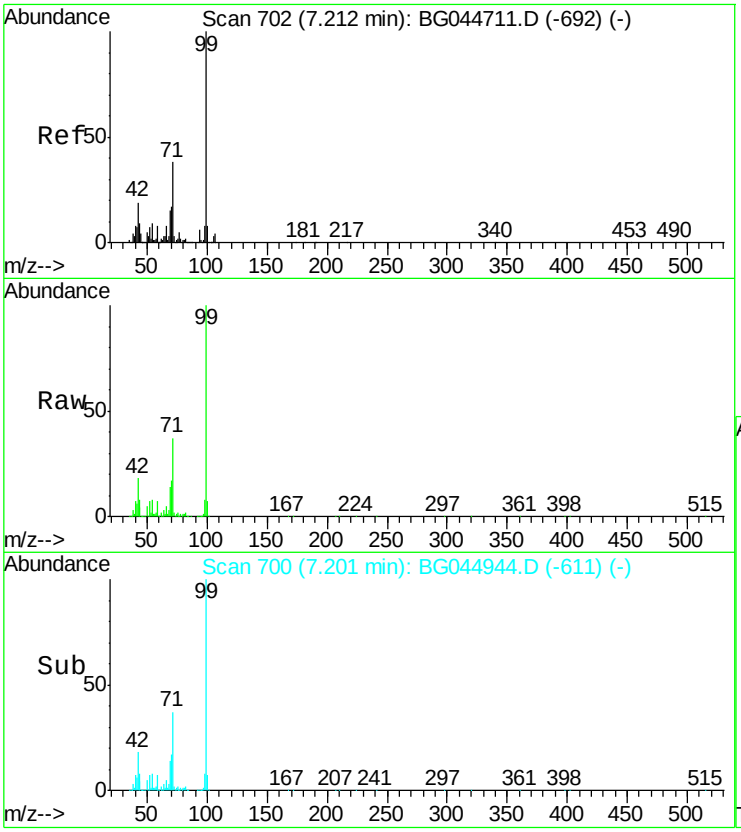


#5
2-Fluorophenol
Concen: 135.58 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion:112 Resp: 646779

Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.4	80.2
63	37.0	29.4	44.2



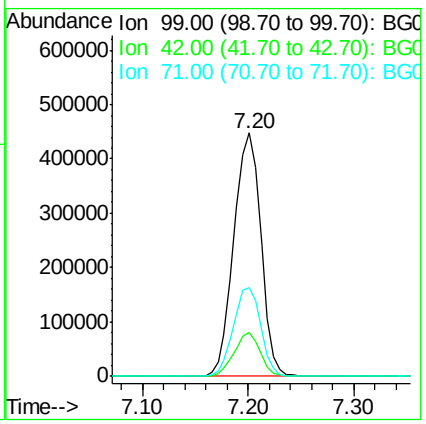


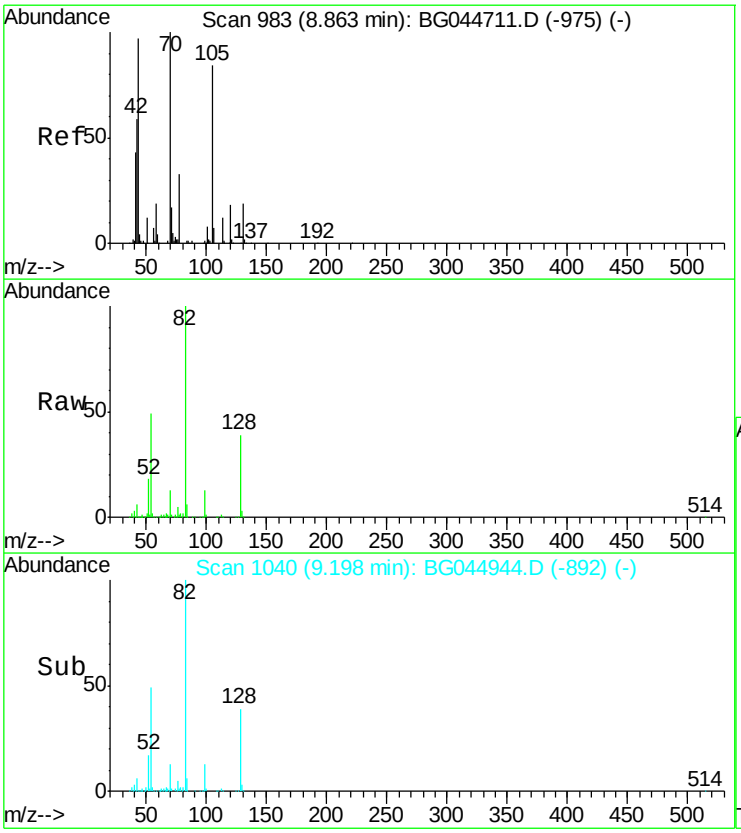
#7
Phenol-d6
Concen: 114.65 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion: 99 Resp: 794635

Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.6	19.0
71	36.7	29.0	43.4

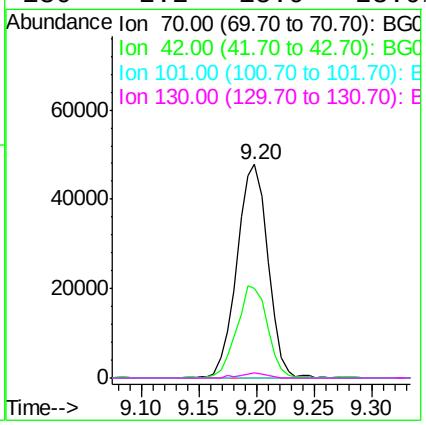


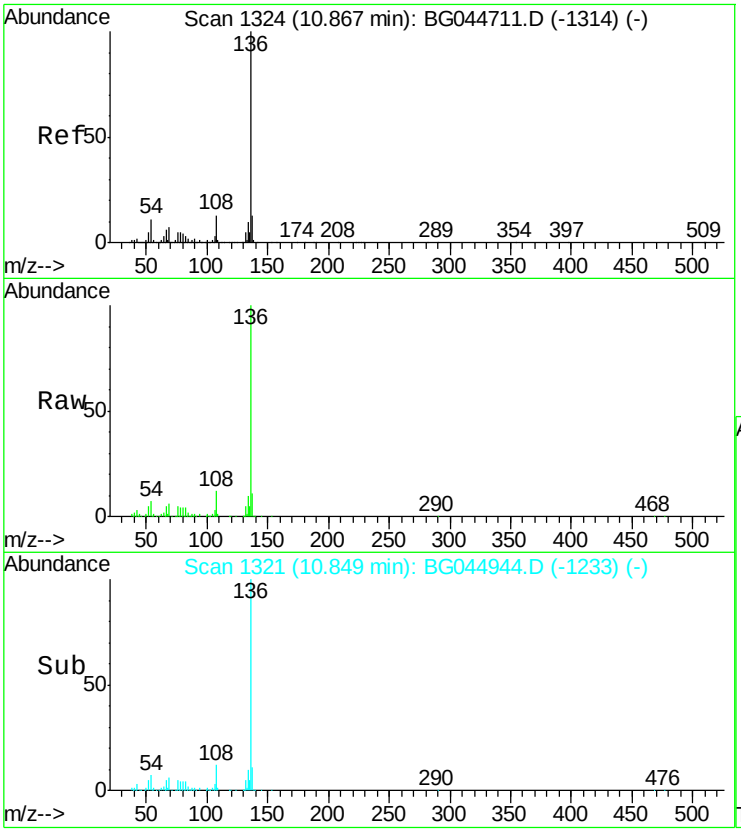


#19
n-Nitroso-di-n-propylamine
Concen: 18.19 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion: 70 Resp: 89028

Ion	Ratio	Lower	Upper
70	100		
42	42.2	45.7	68.5#
101	0.0	7.4	11.2#
130	2.2	15.9	23.9#



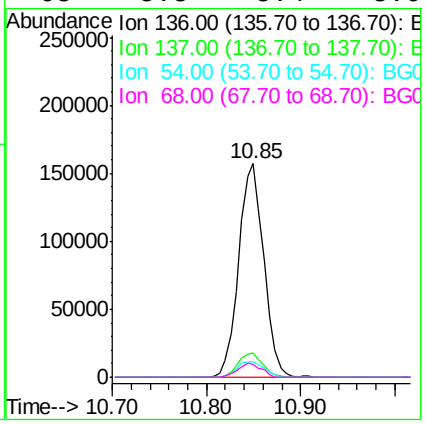


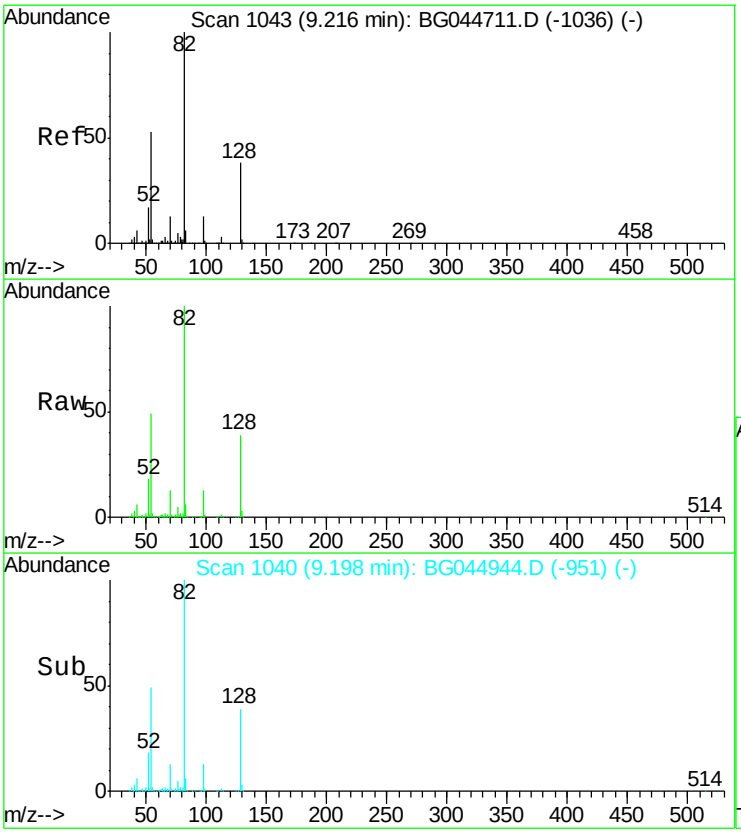
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion:136 Resp: 288756

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	7.5	7.9	11.9#
68	5.8	5.4	8.0

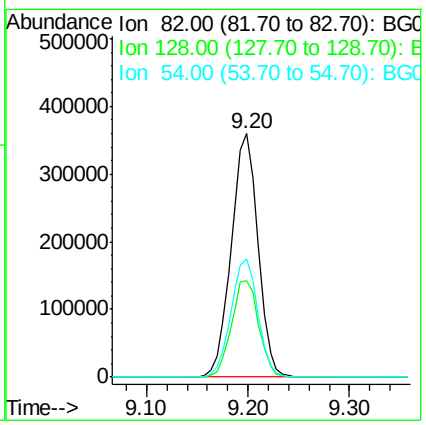


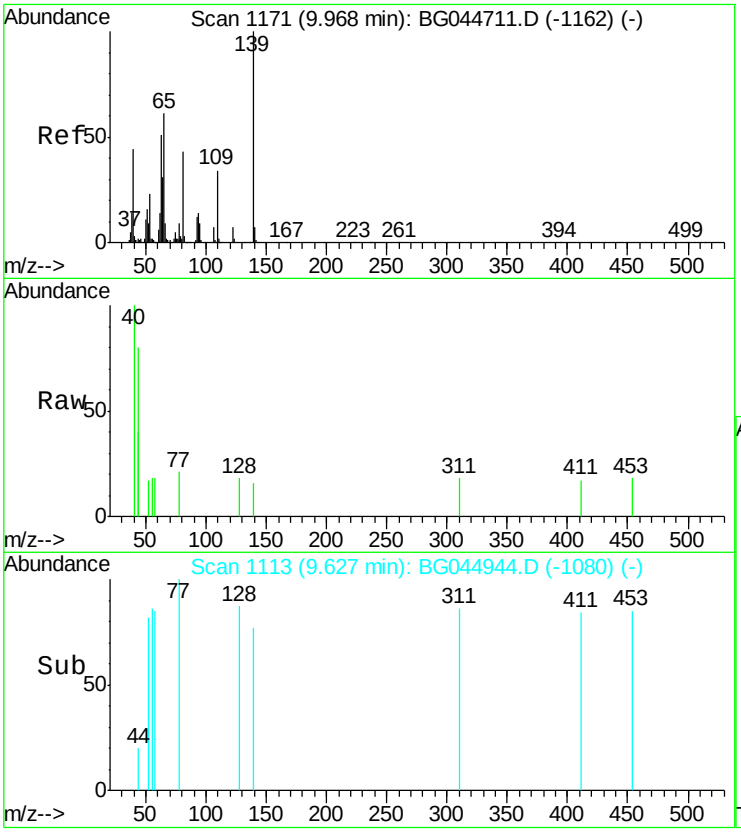


#23
Nitrobenzene-d5
Concen: 99.86 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion: 82 Resp: 657149

Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.6	46.0
54	48.7	37.1	55.7



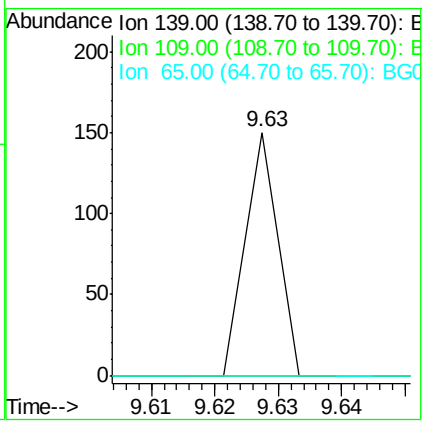


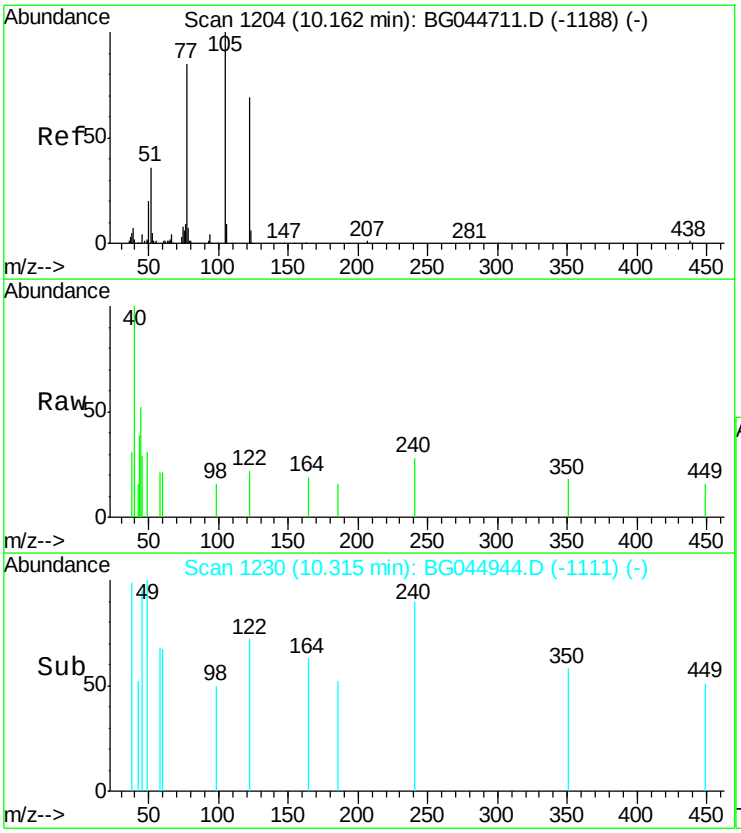
#26
2-Nitrophenol
Concen: 5.53 ng
RT: 9.63 min Scan# 1113
Delta R.T. -0.33 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion:139 Resp: 53

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

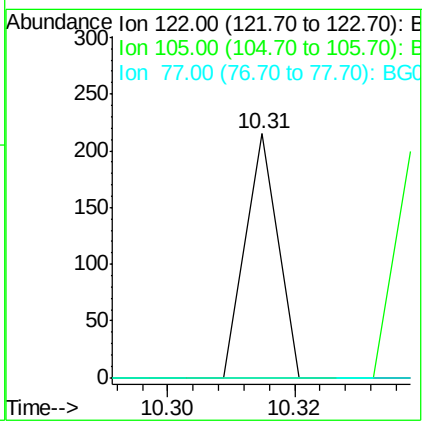


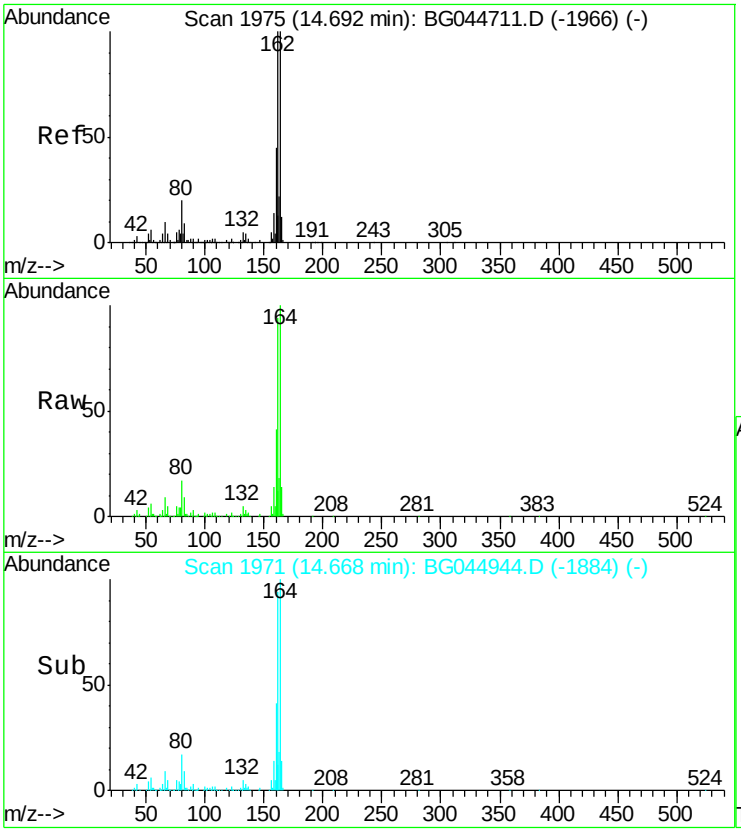


#32
Benzoic acid
Concen: 9.69 ng
RT: 10.31 min Scan# 1230
Delta R.T. 0.17 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion:122 Resp: 76

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



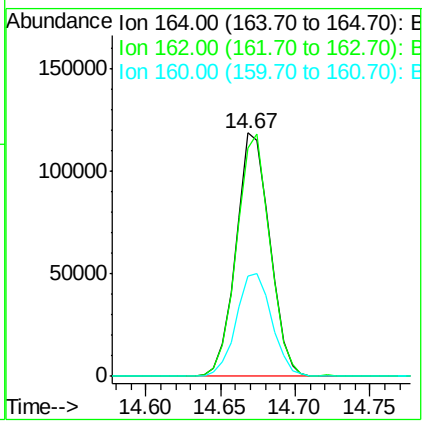


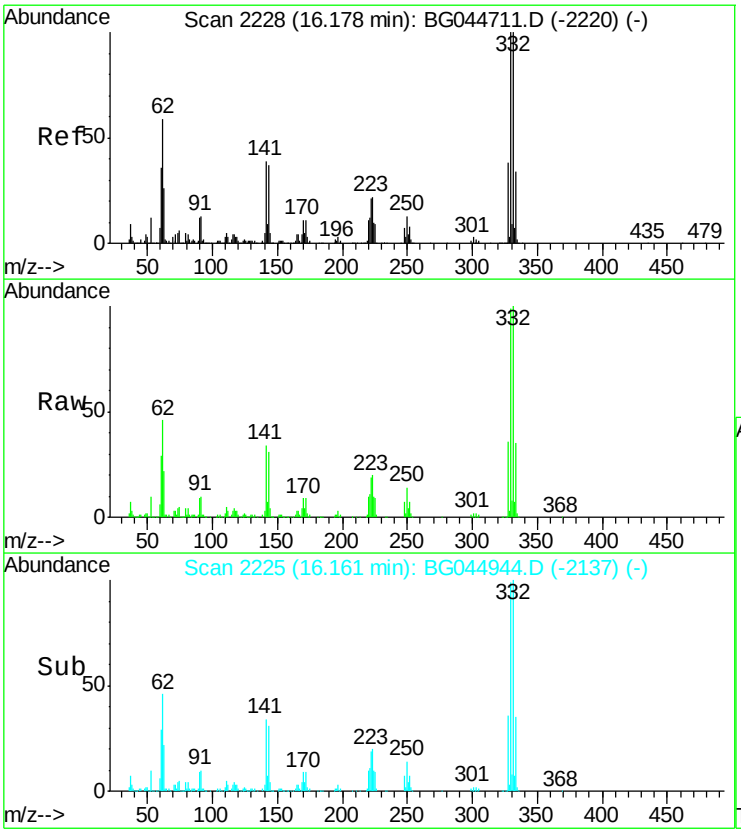
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion:164 Resp: 185705

Ion	Ratio	Lower	Upper
164	100		
162	93.9	76.7	115.1
160	41.4	35.0	52.4

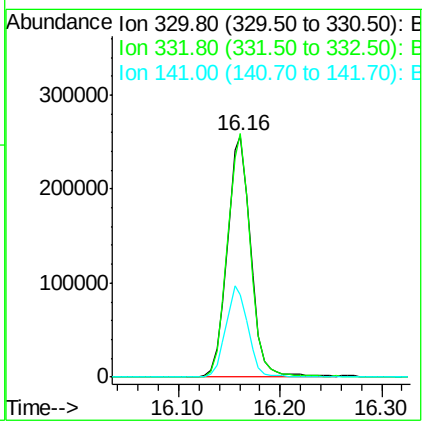


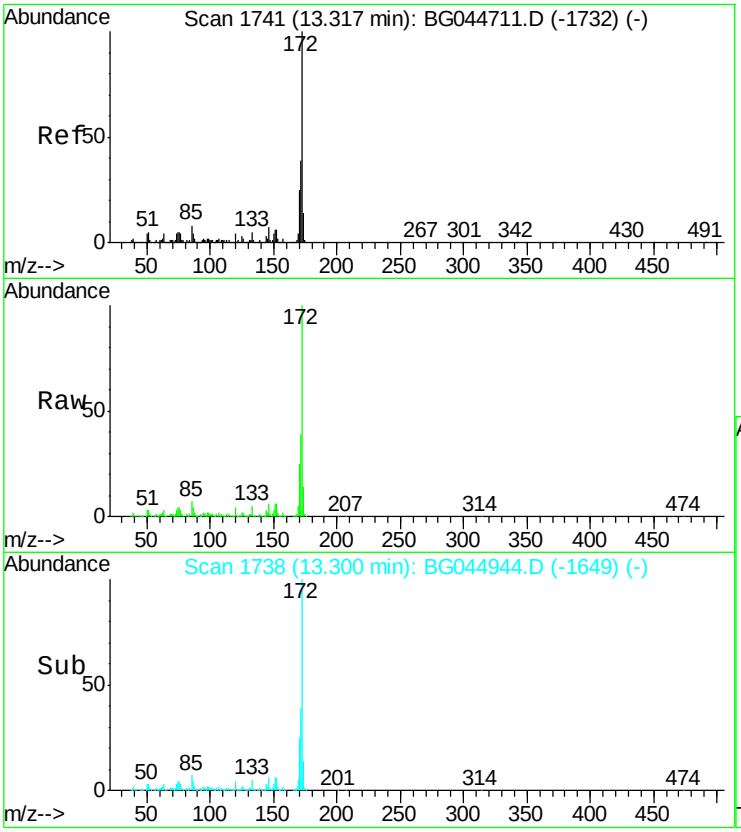


#42
2,4,6-Tribromophenol
Concen: 169.23 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion:330 Resp: 411498

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.8	116.6
141	36.1	29.5	44.3



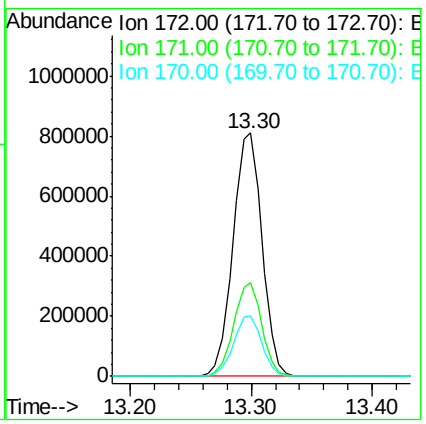


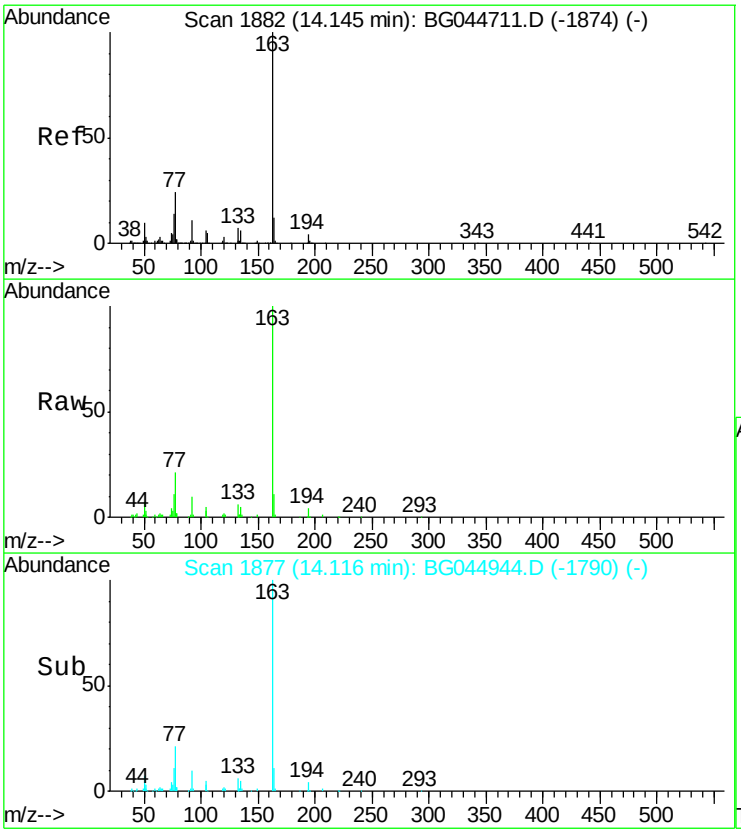
#45
2-Fluorobiphenyl
Concen: 104.58 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion:172 Resp: 1356192

Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.7	43.1
170	24.7	19.0	28.6

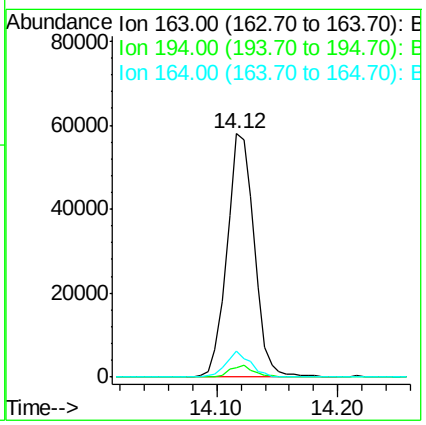


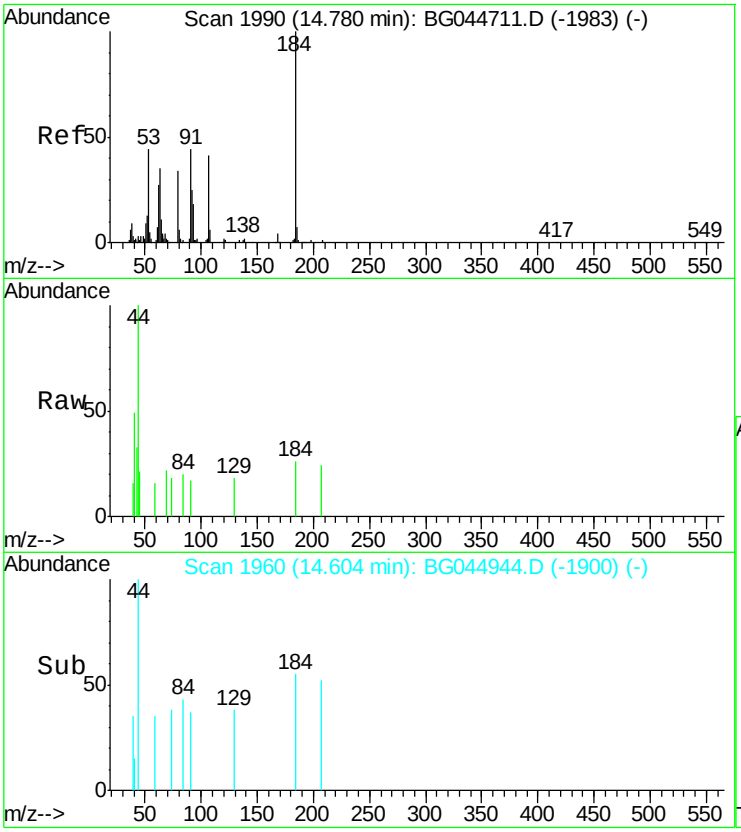


#50
Dimethylphthalate
Concen: 6.14 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion:163 Resp: 90791

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5
164	10.7	9.1	13.7



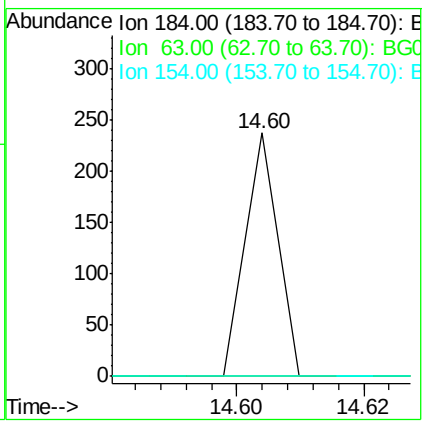


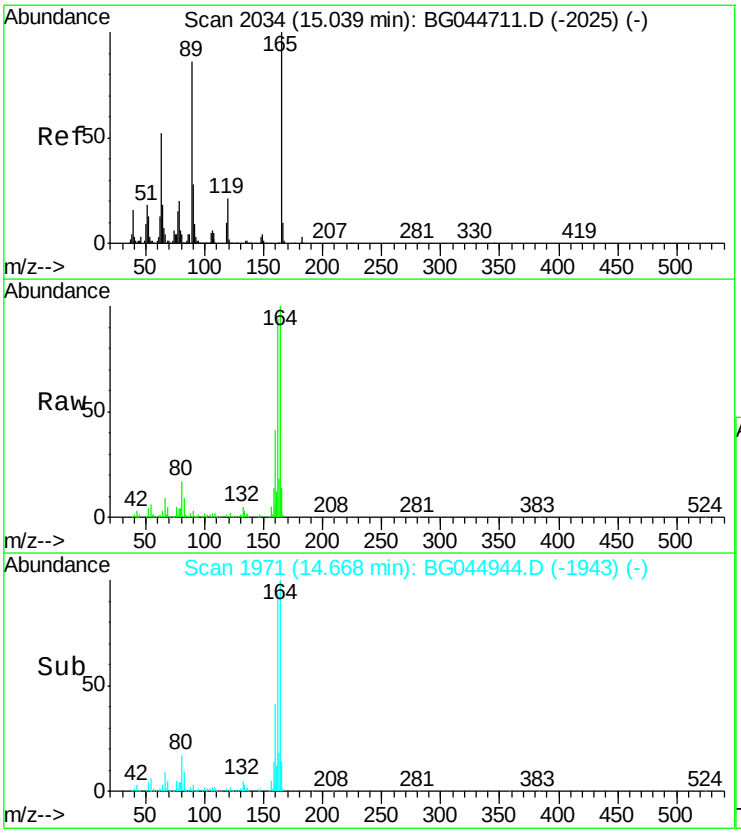
#54
2,4-Dinitrophenol
Concen: 8.37 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.18 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion:184 Resp: 84

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.5	68.3#
154	0.0	49.1	73.7#

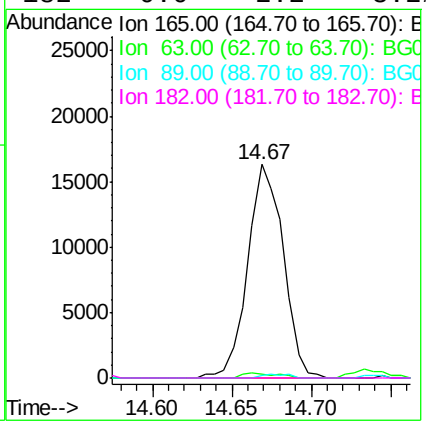


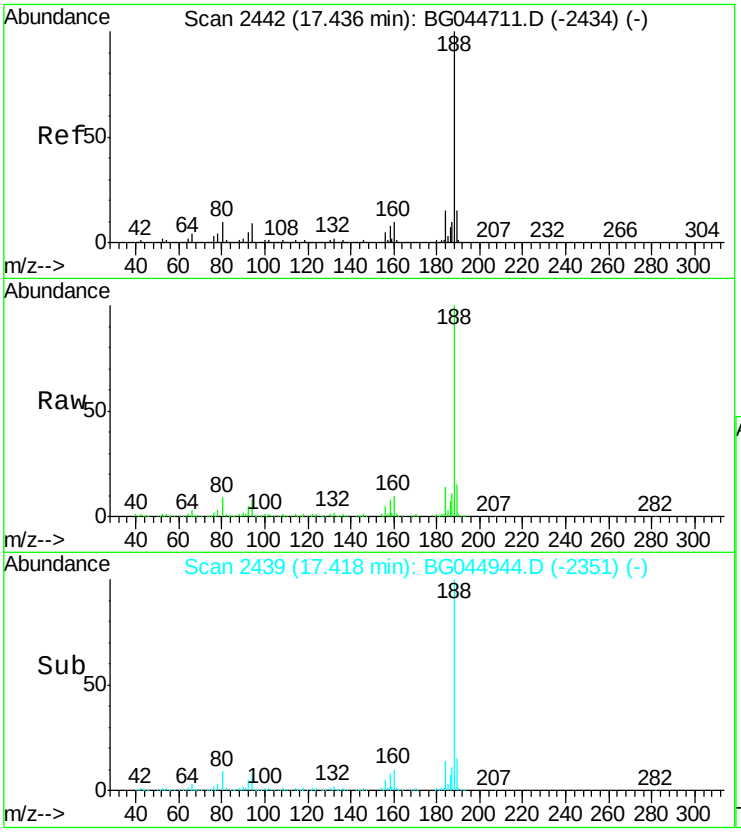


#57
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.36 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion:165 Resp: 25421

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	1.3	61.3	91.9#
182	0.0	2.2	3.2#



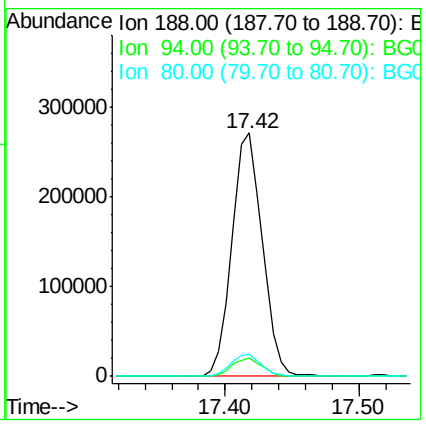


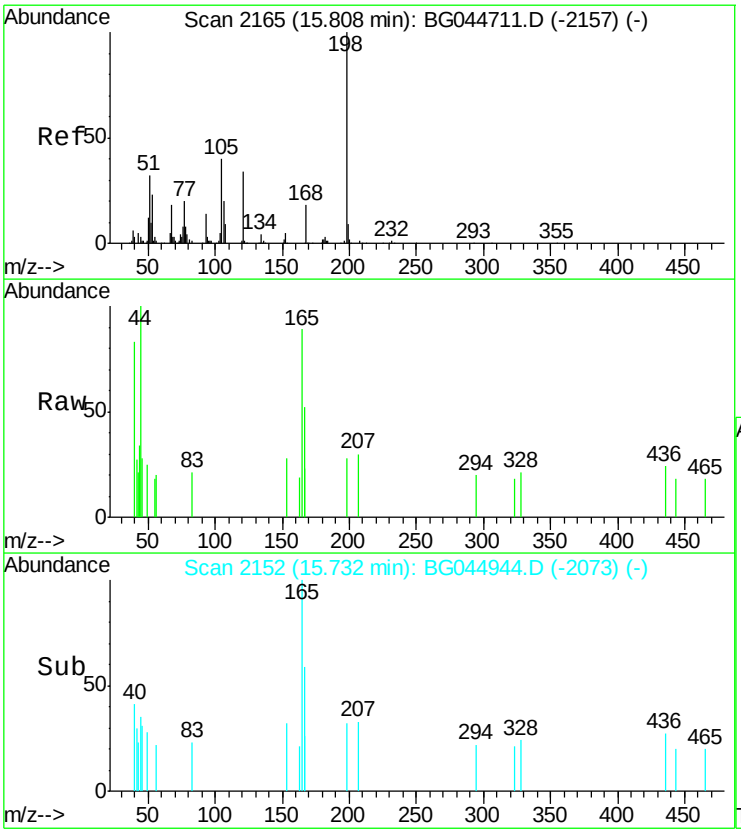
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion:188 Resp: 430429

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.3	10.9
80	9.3	8.0	12.0

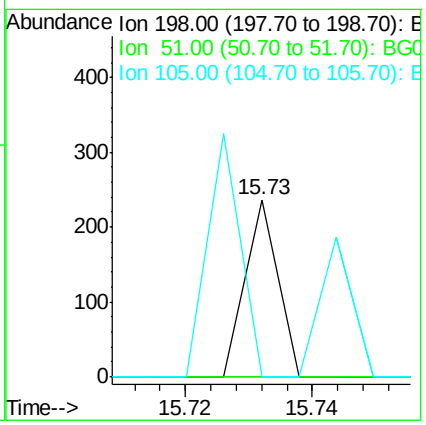


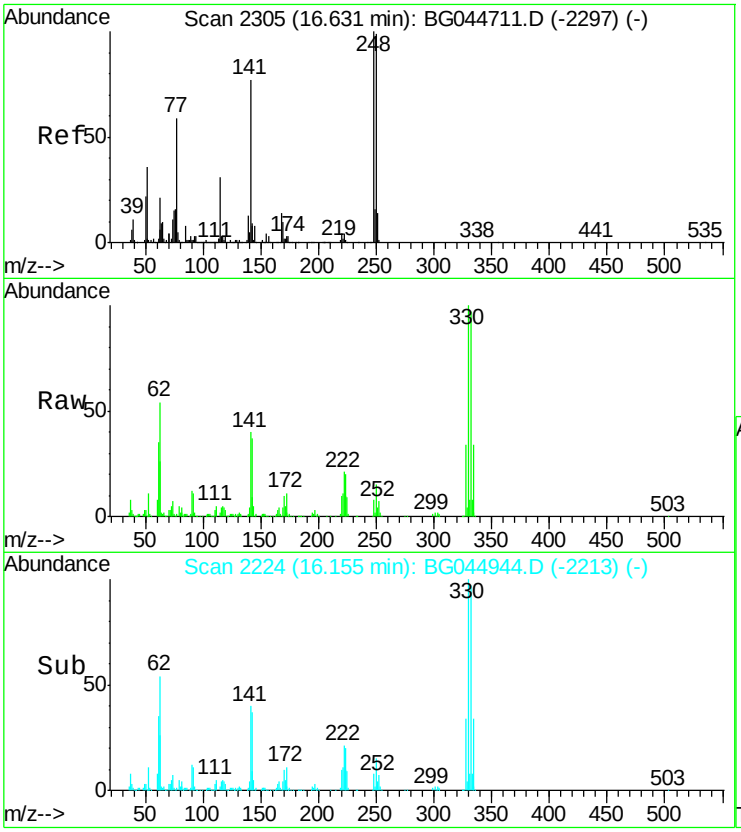


#65
4,6-Dinitro-2-methylphenol
Concen: 7.76 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.06 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion:198 Resp: 84

Ion	Ratio	Lower	Upper
198	100		
51	0.0	21.1	61.1#
105	0.0	24.5	64.5#



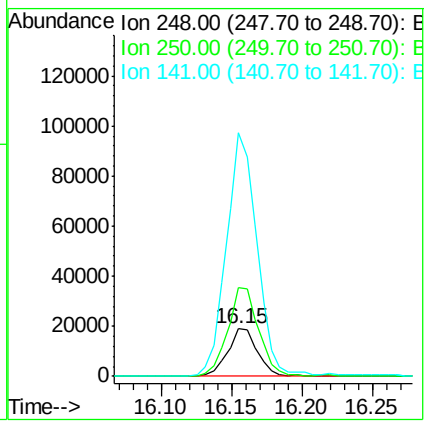


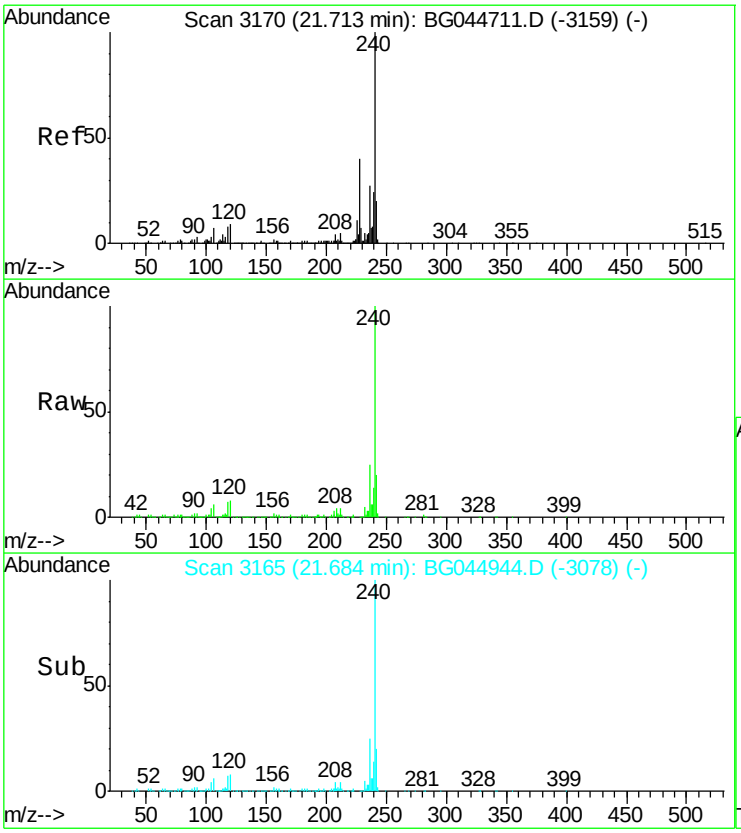
#67
4-Bromophenyl-phenylether
Concen: 5.18 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.46 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion:248 Resp: 27863

Ion	Ratio	Lower	Upper
248	100		
250	185.8	77.9	116.9#
141	512.1	57.5	86.3#

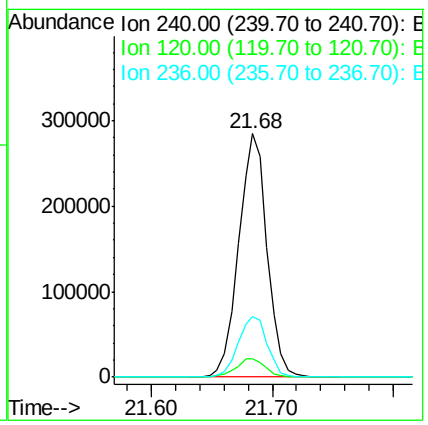


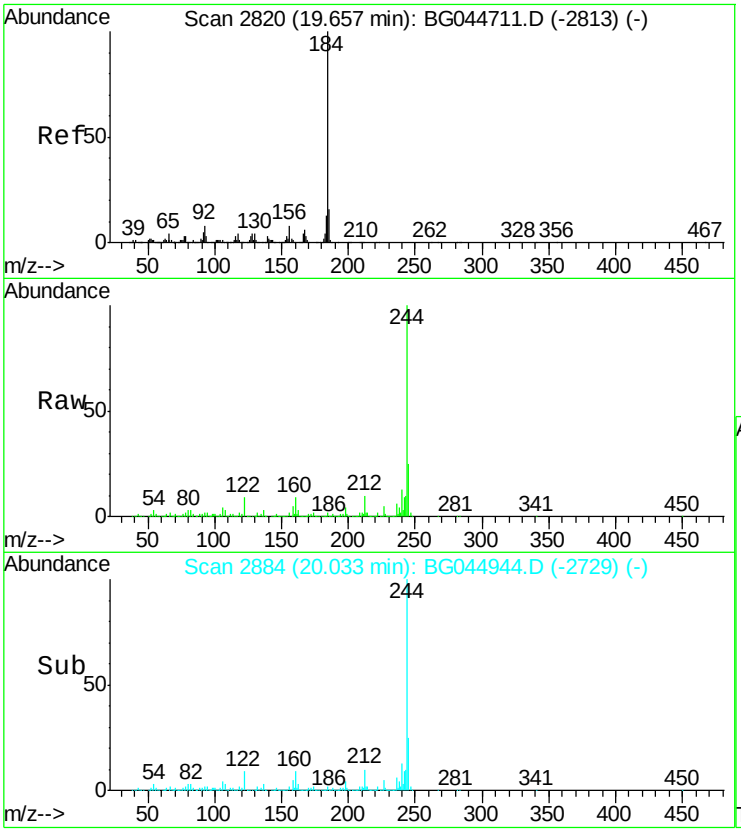


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion:240 Resp: 463679

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.7	10.1
236	24.6	21.5	32.3



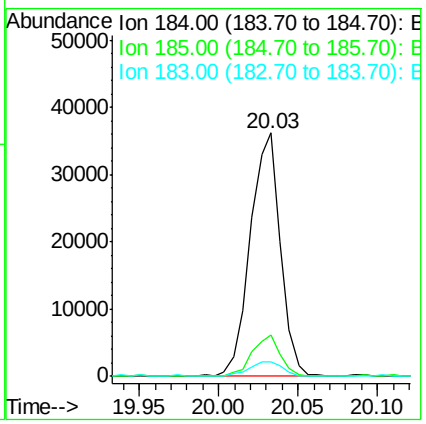


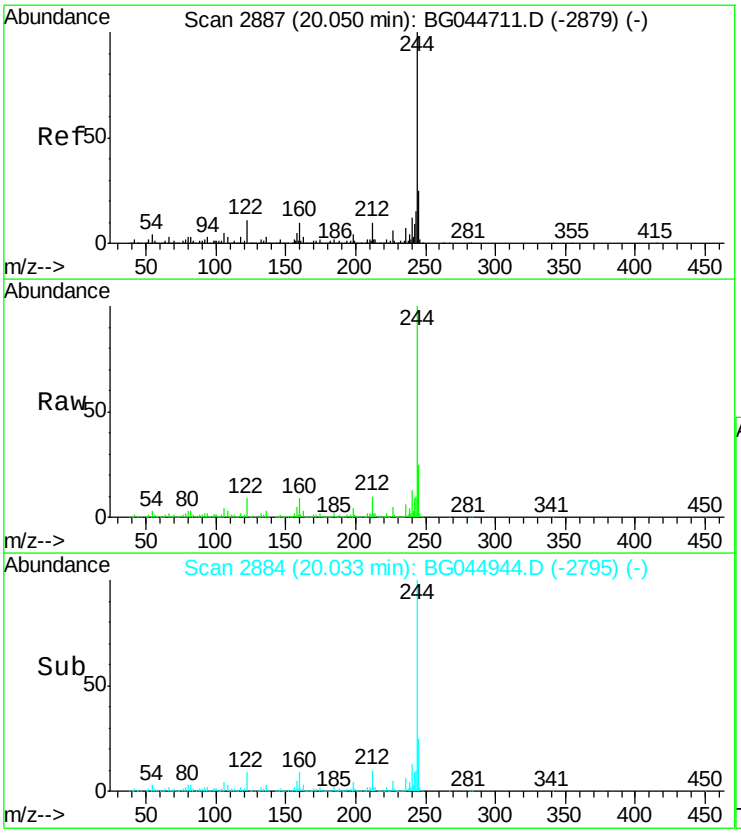
#77
Benzidine
Concen: 3.17 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion:184 Resp: 47774

Ion	Ratio	Lower	Upper
184	100		
185	17.1	12.2	18.4
183	5.9	10.7	16.1#

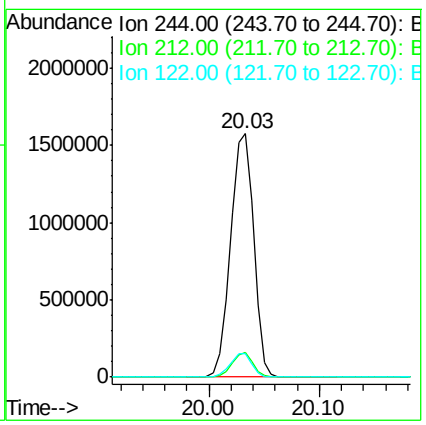


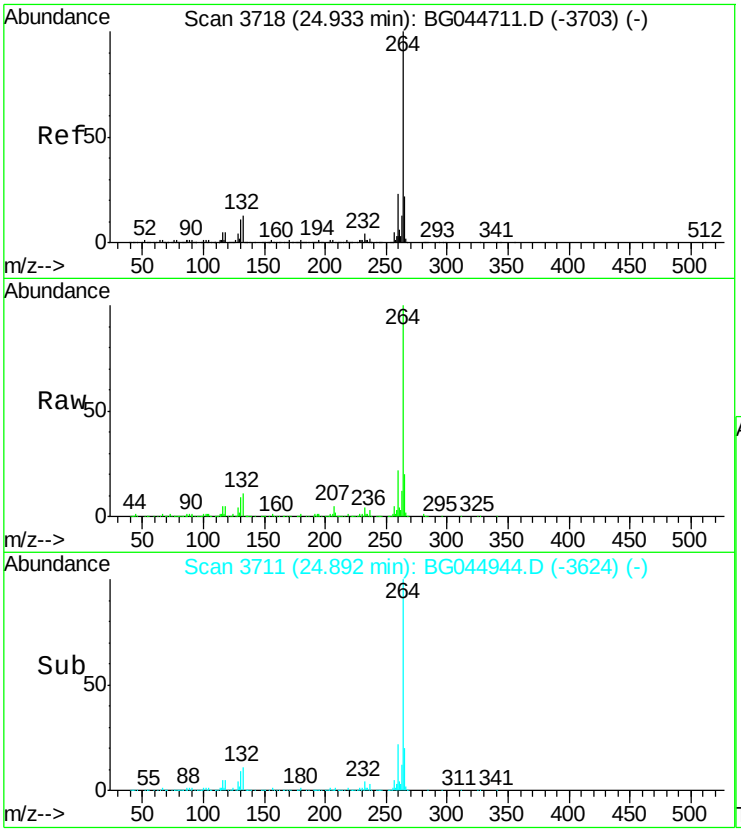


#79
Terphenyl-d14
Concen: 93.80 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Tgt Ion:244 Resp: 2325188

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.7	11.5
122	9.4	8.6	12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044944.D
Acq: 25 Mar 2020 1:22

Instrument :
BNA_G
ClientSampleId :
GHD1-WC-S-SB-0203

Tgt Ion:264 Resp: 482257

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.1	27.1
265	20.3	17.1	25.7