Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
Data File : BG044913.D
Acq On : 20 Mar 2020 1:33
Operator : CG/JU
Sample : L1954-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-11A

Quant Time: Mar 20 02:50:28 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	8.05	152	69488	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	263319	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	175204	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	429445	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	449795	20.00	ng	-0.02
87) Perylene-d12	24.88	264	481602	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	491052	110.01	ng	0.00
7) Phenol-d6	7.20	99	599979	92.51	ng	0.00
23) Nitrobenzene-d5	9.20	82	525835	87.63	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	349792	152.48	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1079728	88.25	ng	0.00
79) Terphenyl-d14	20.03	244	1968694	81.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.19	77	1778	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	9.20	70	69857	15.25	ng	# 80
26) 2-Nitrophenol	9.77	139	80	5.55	ng	# 28
32) Benzoic acid	9.98	122	72	9.69	ng	# 1
50) Dimethylphthalate	14.12	163	120121	8.61	ng	97
57) 2,4-Dinitrotoluene	14.67	165	22695	5.88	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.16	198	1047	8.16	ng	# 1
67) 4-Bromophenyl-phenylether	16.16	248	24522	4.57	ng	# 1
77) Benzidine	20.03	184	39376	2.70	ng	# 91

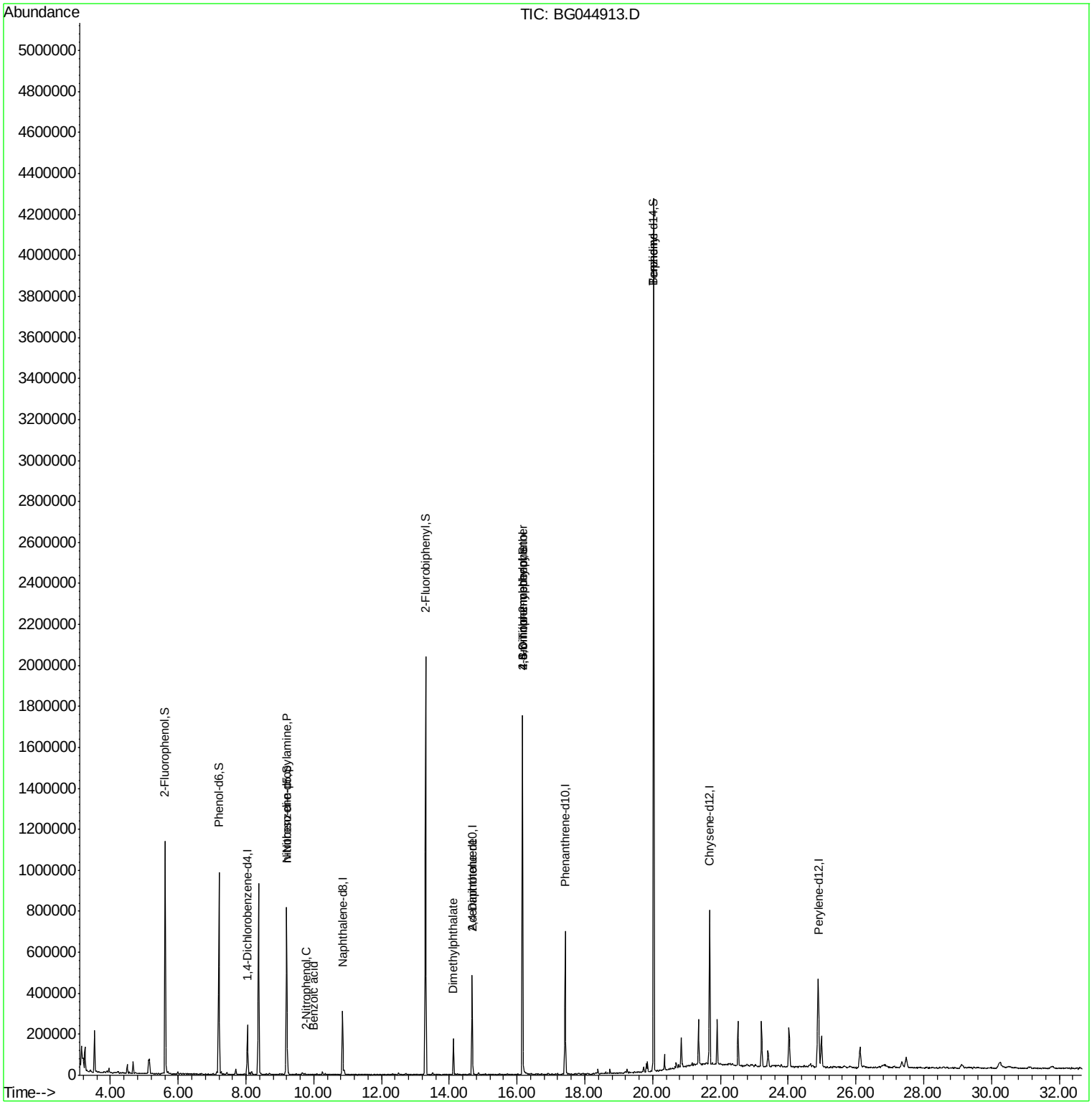
(#) = qualifier out of range (m) = manual integration (+) = signals summed

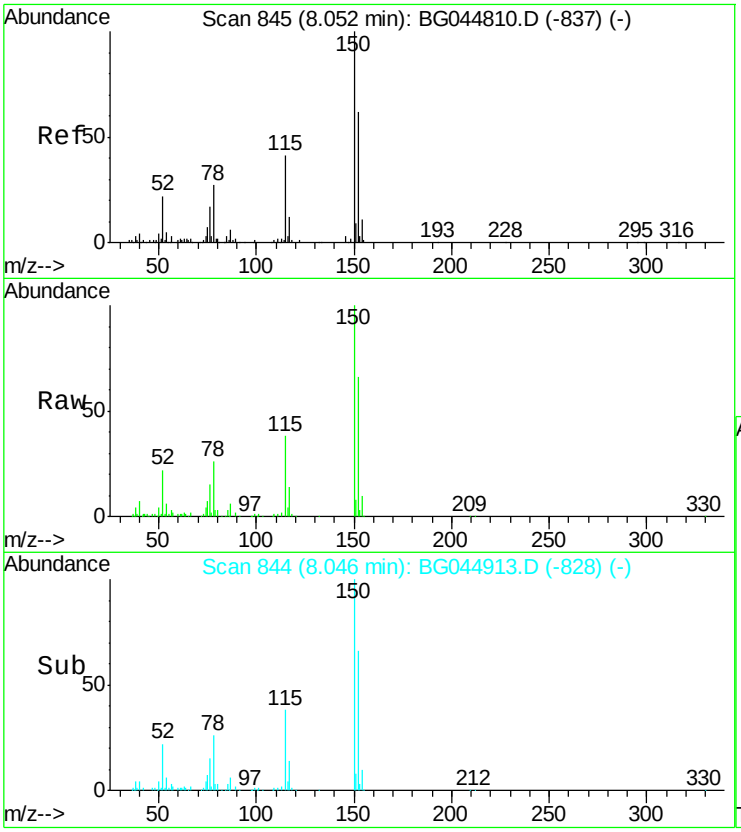
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
Data File : BG044913.D
Acq On : 20 Mar 2020 1:33
Operator : CG/JU
Sample : L1954-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11A

Quant Time: Mar 20 02:50:28 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



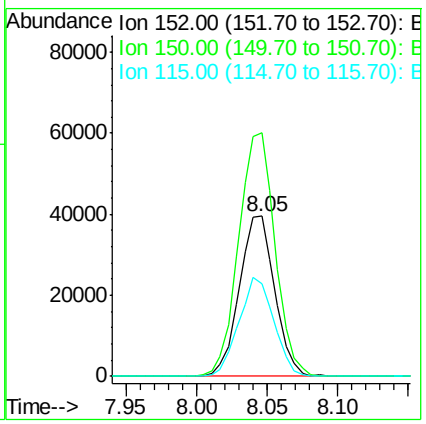


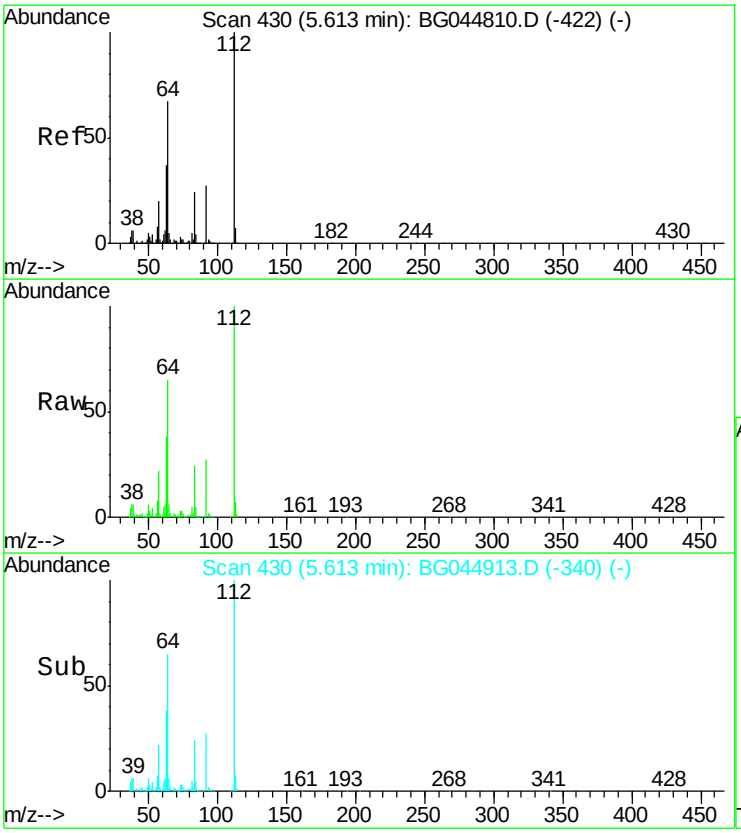
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion:152 Resp: 69488

Ion	Ratio	Lower	Upper
152	100		
150	152.3	128.8	193.2
115	57.7	52.6	79.0

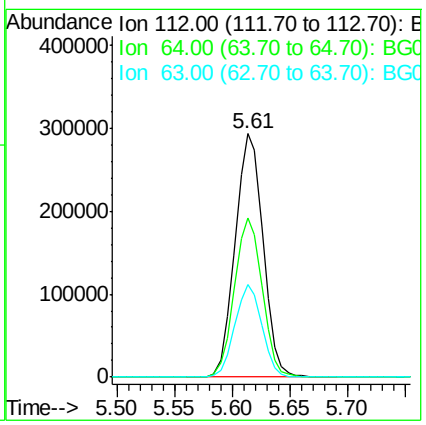


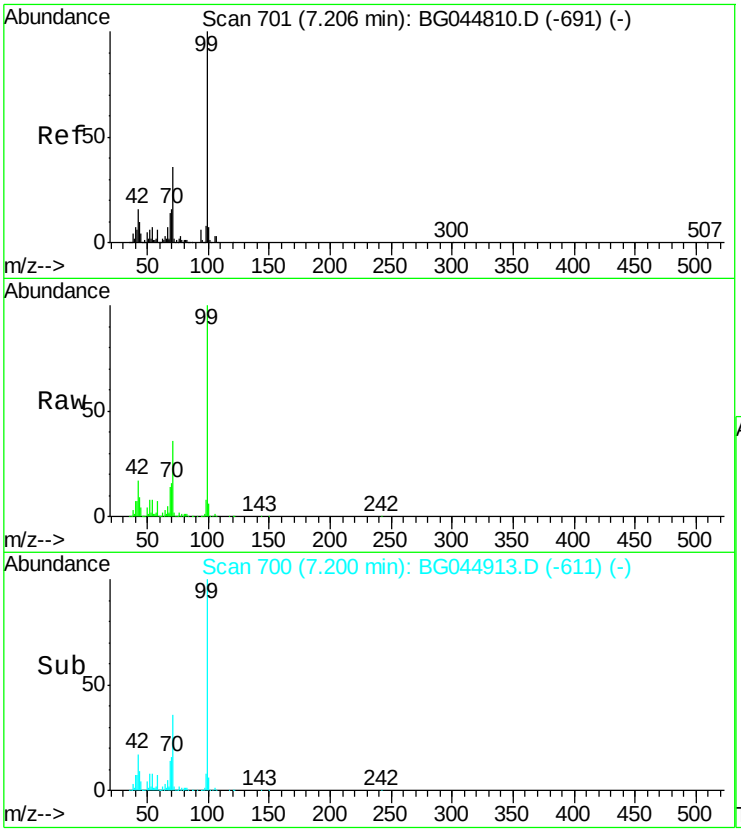


#5
2-Fluorophenol
Concen: 110.01 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion:112 Resp: 491052

Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.4	80.2
63	38.1	29.4	44.2



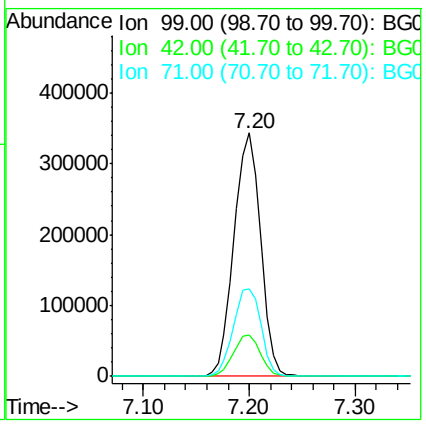


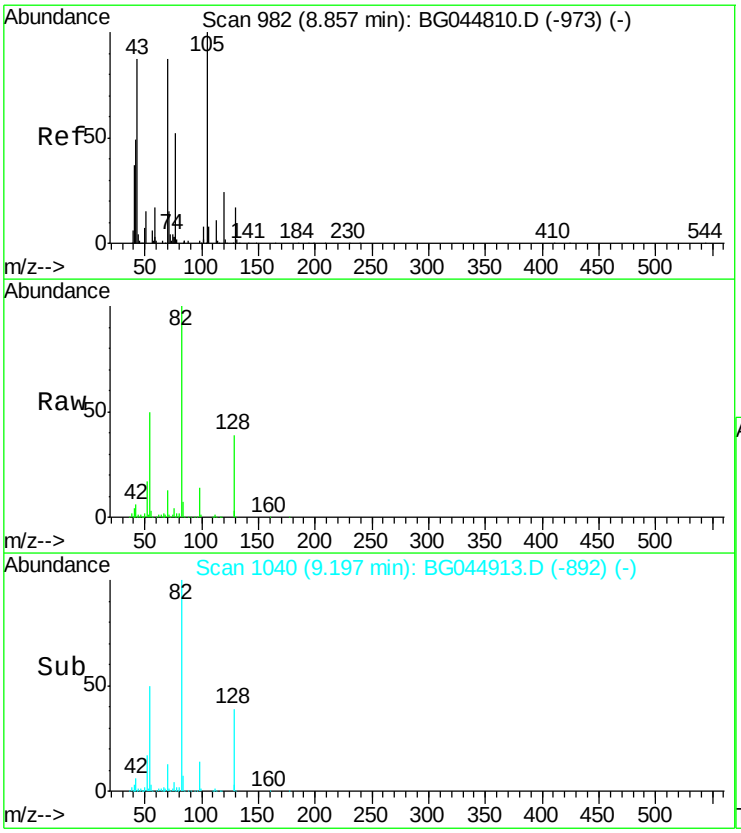
#7
Phenol-d6
Concen: 92.51 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion: 99 Resp: 599979

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.6	19.0
71	36.2	29.0	43.4

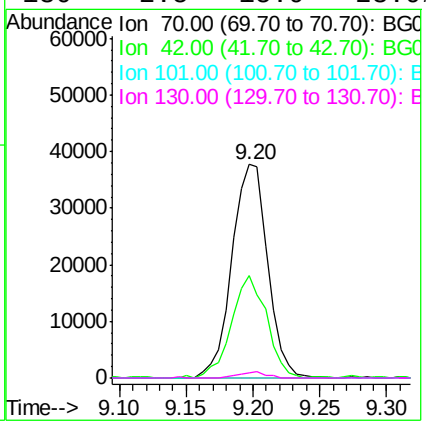


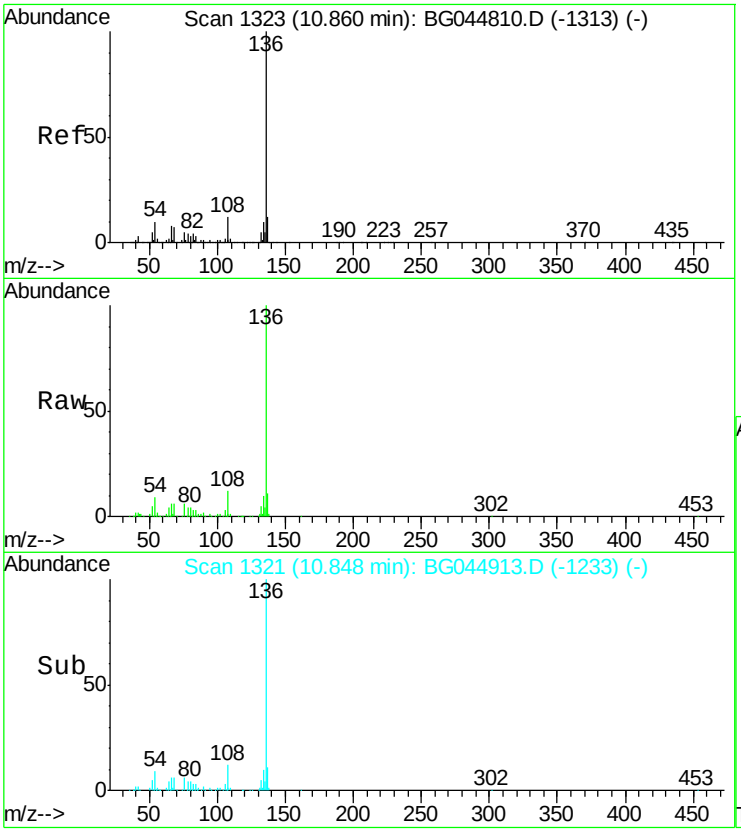


#19
n-Nitroso-di-n-propylamine
Concen: 15.25 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion: 70 Resp: 69857

Ion	Ratio	Lower	Upper
70	100		
42	48.1	45.7	68.5
101	0.0	7.4	11.2#
130	2.5	15.9	23.9#



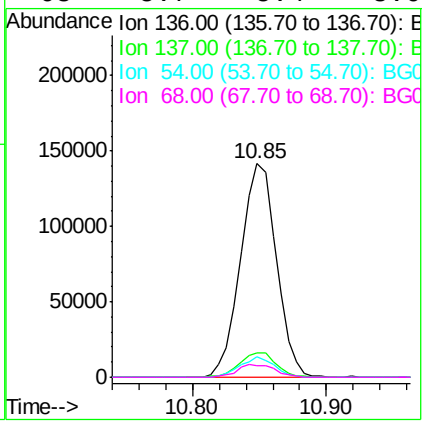


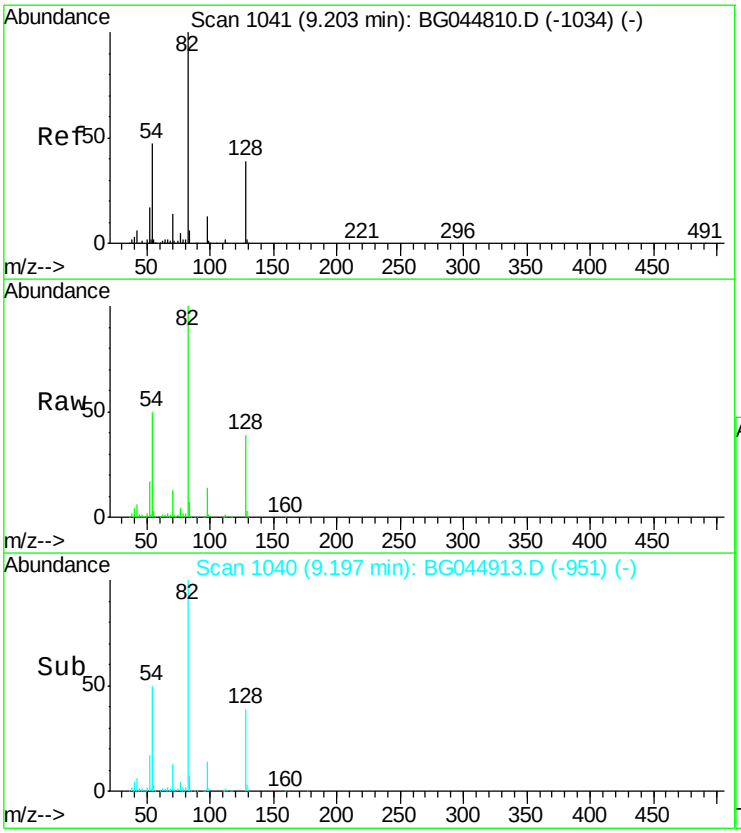
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion:136 Resp: 263319

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	9.4	7.9	11.9
68	5.7	5.4	8.0

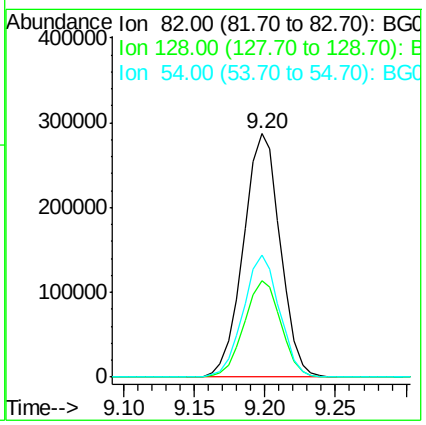


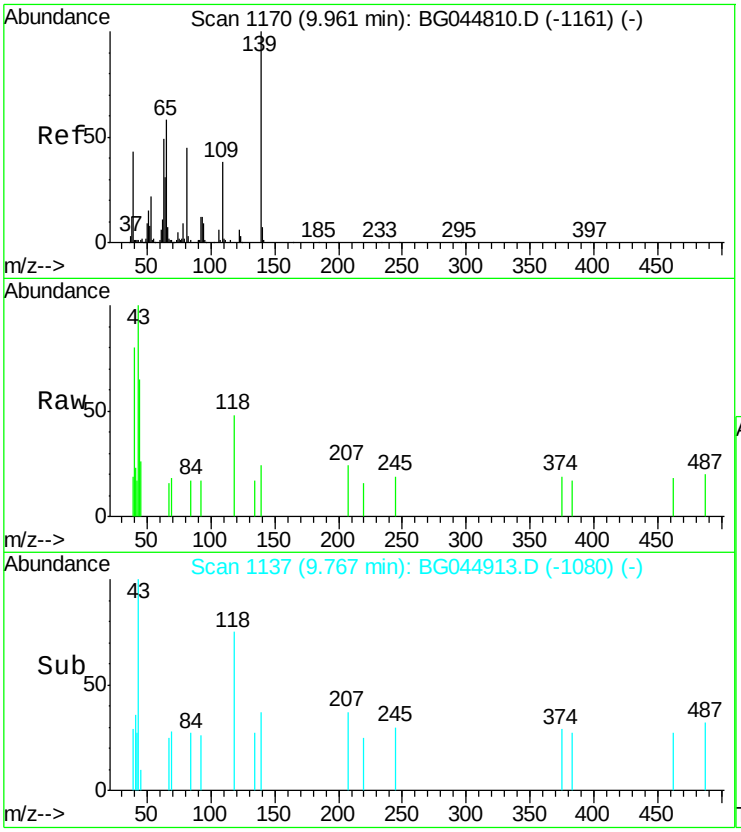


#23
Nitrobenzene-d5
Concen: 87.63 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion: 82 Resp: 525835

Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.6	46.0
54	50.0	37.1	55.7



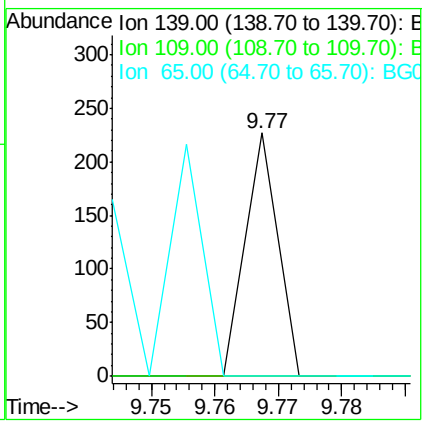


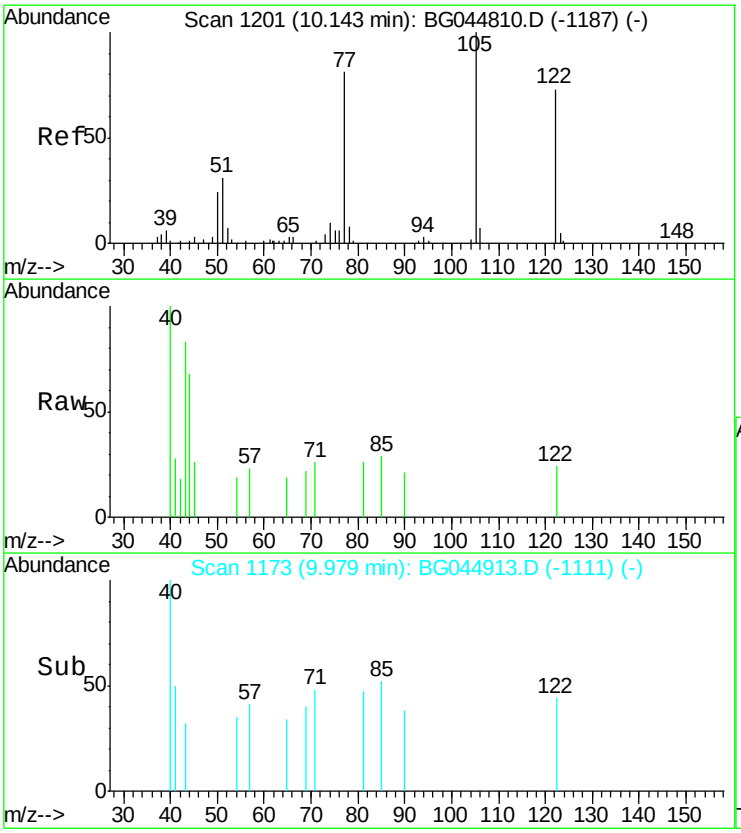
#26
2-Nitrophenol
Concen: 5.55 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.19 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion:139 Resp: 80

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

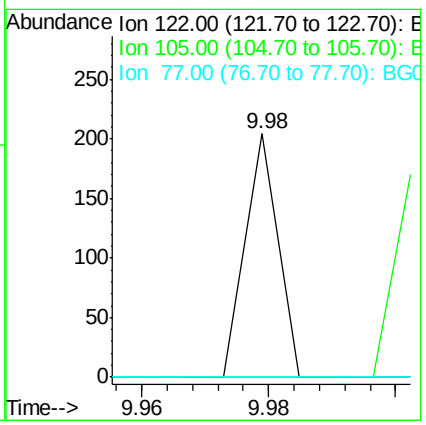


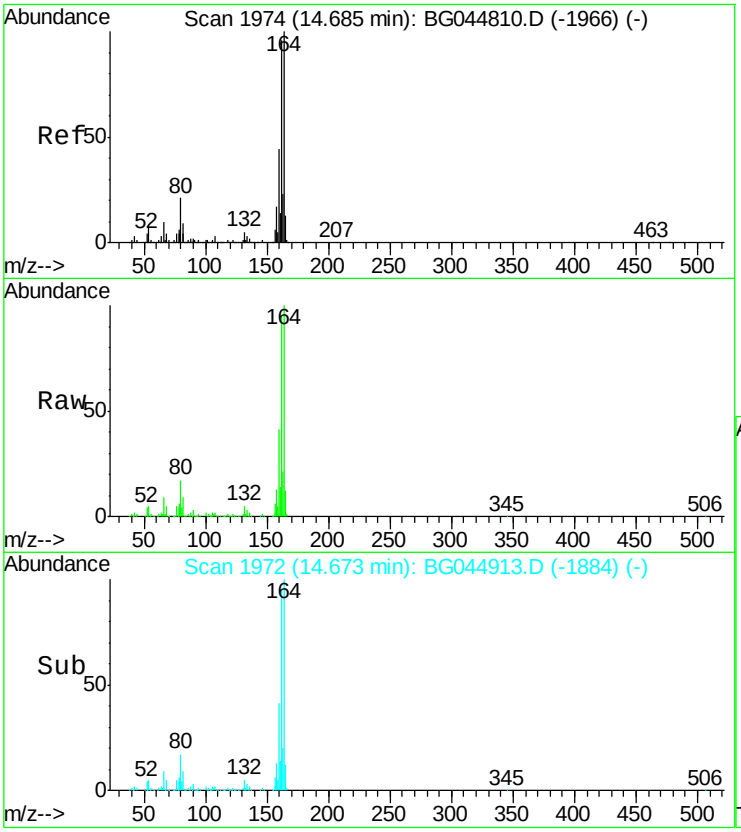


#32
Benzoic acid
Concen: 9.69 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.16 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion:122 Resp: 72

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



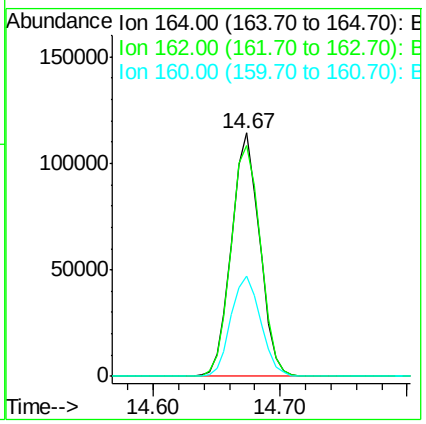


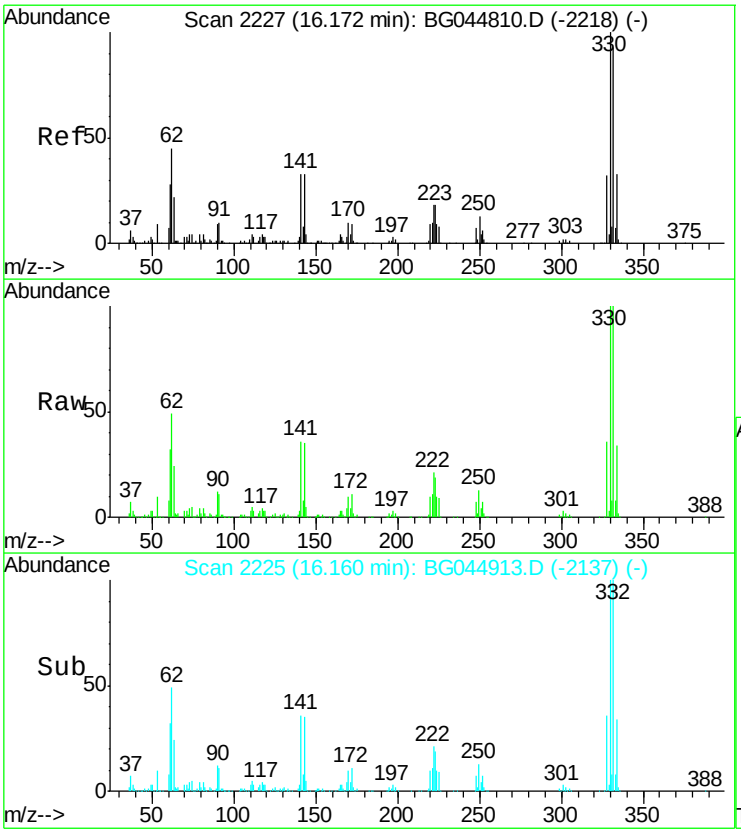
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion:164 Resp: 175204

Ion	Ratio	Lower	Upper
164	100		
162	94.7	76.7	115.1
160	41.0	35.0	52.4

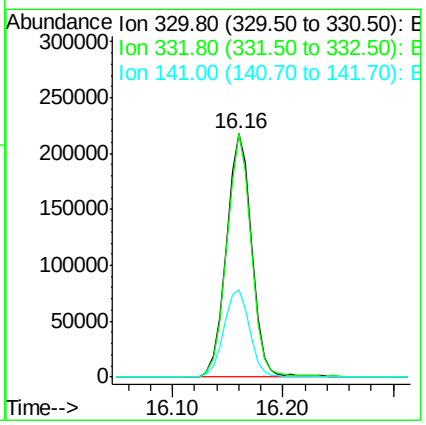


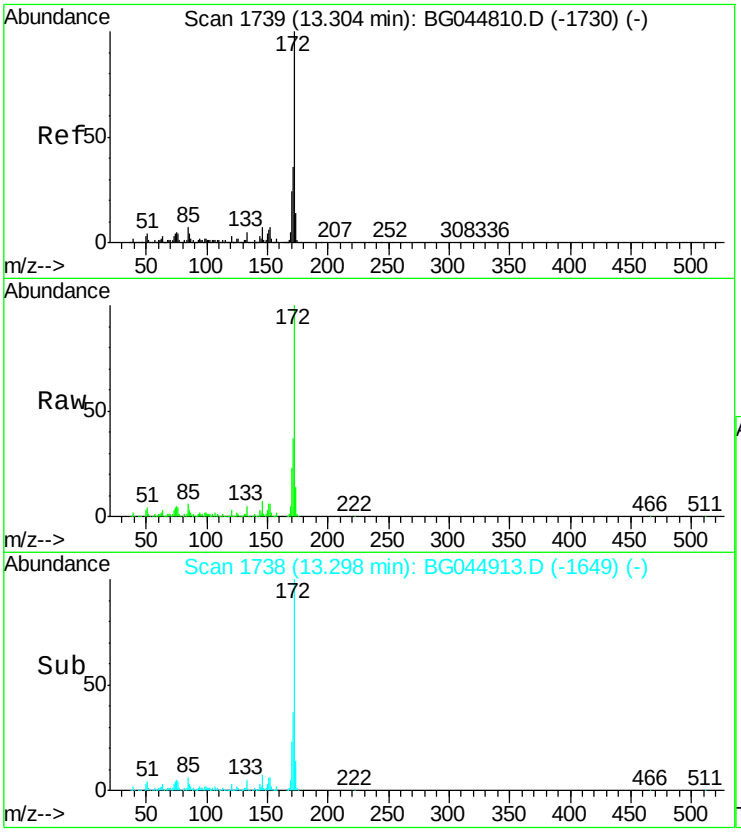


#42
2,4,6-Tribromophenol
Concen: 152.48 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion:330 Resp: 349792

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	36.7	29.5	44.3



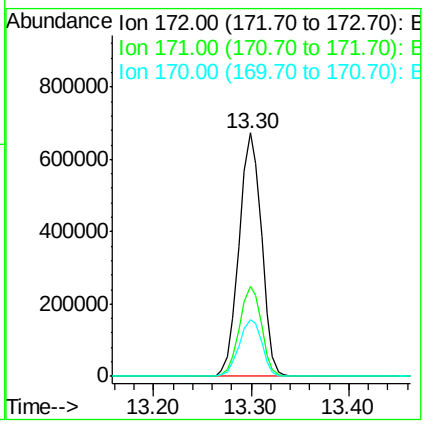


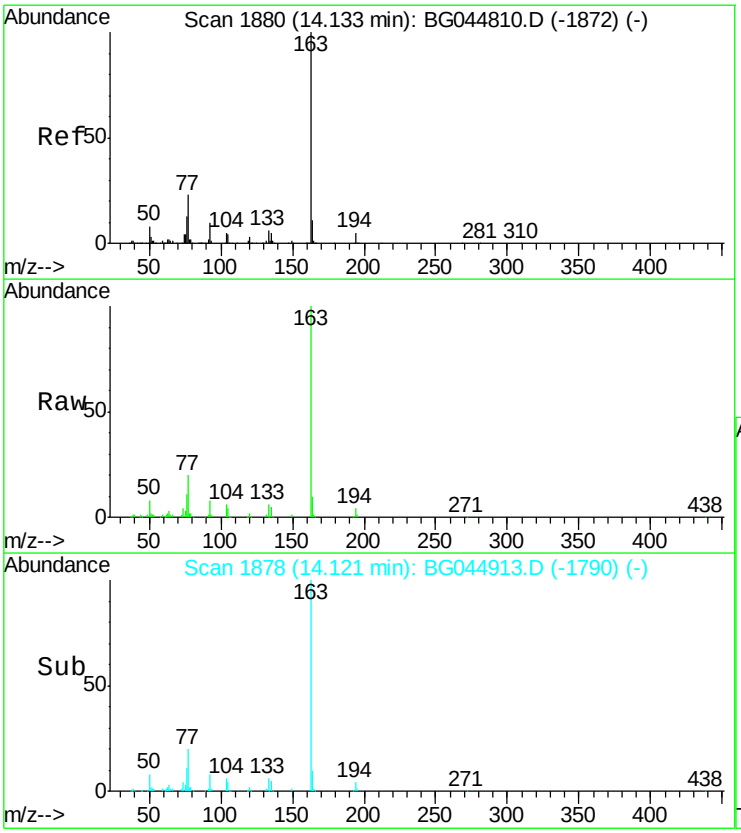
#45
2-Fluorobiphenyl
Concen: 88.25 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion:172 Resp: 1079728

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.7	43.1
170	23.3	19.0	28.6

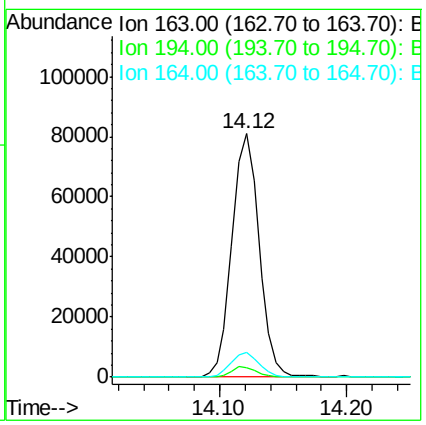


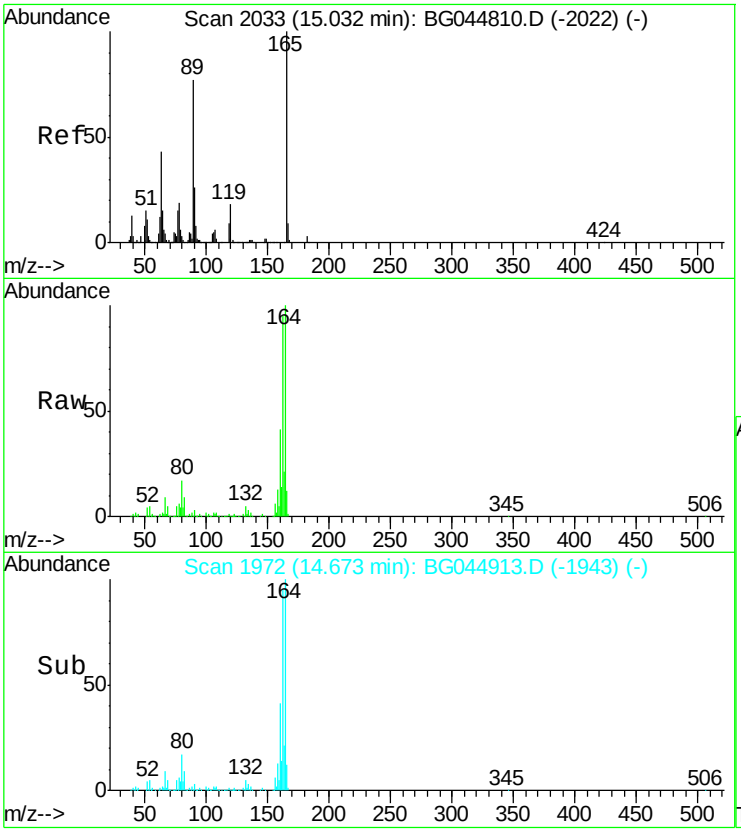


#50
Dimethylphthalate
Concen: 8.61 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion:163 Resp: 120121

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.7	5.5
164	10.2	9.1	13.7



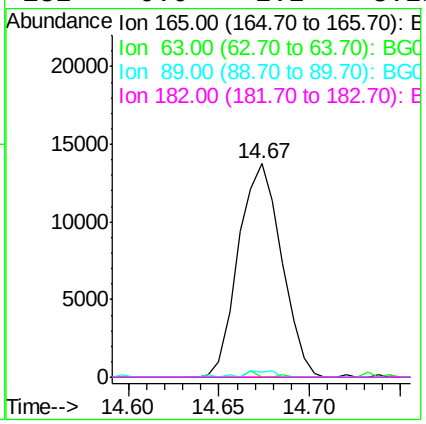


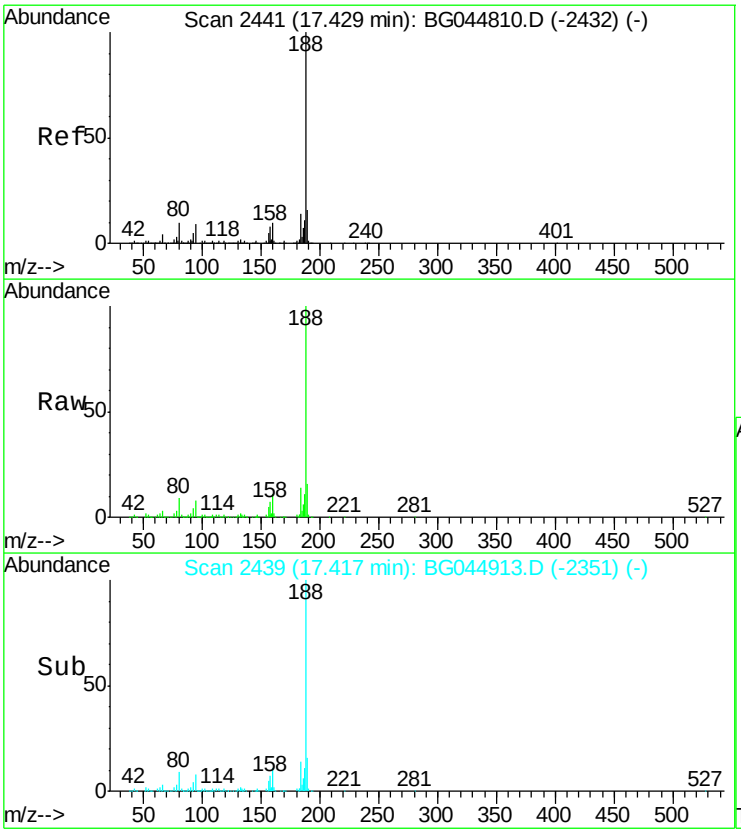
#57
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion:165 Resp: 22695

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

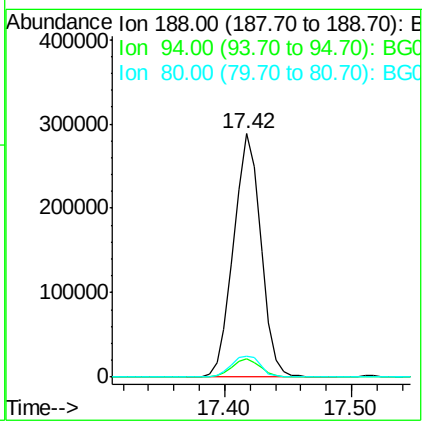


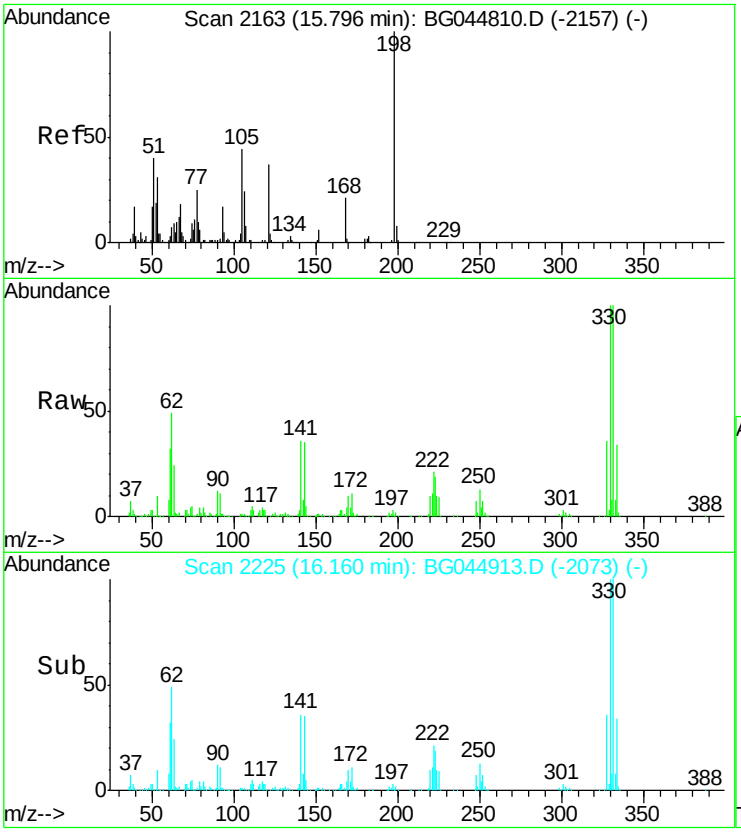


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion:188 Resp: 429445

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.3	10.9
80	8.5	8.0	12.0



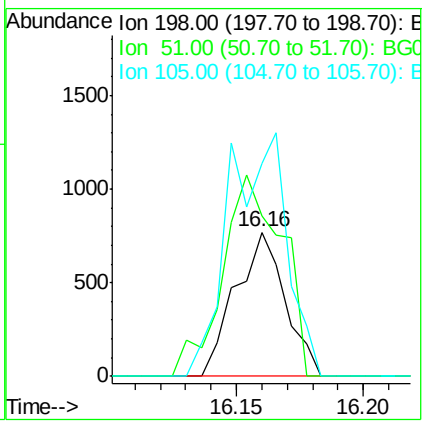


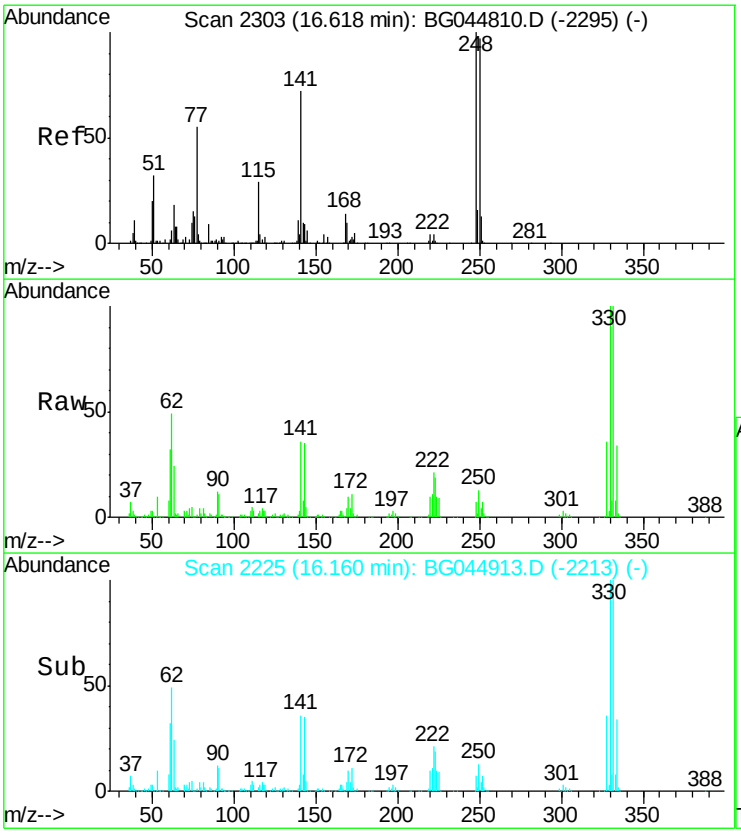
#65
4,6-Dinitro-2-methylphenol
Concen: 8.16 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.36 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion:198 Resp: 1047

Ion	Ratio	Lower	Upper
198	100		
51	111.0	21.1	61.1#
105	147.9	24.5	64.5#

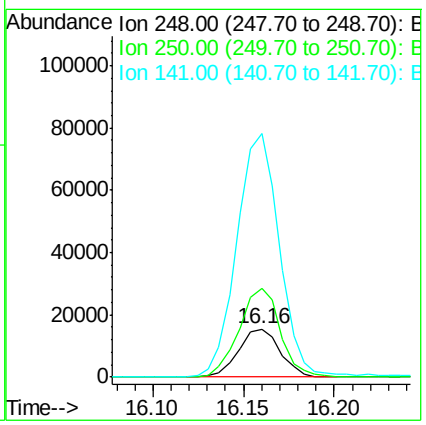


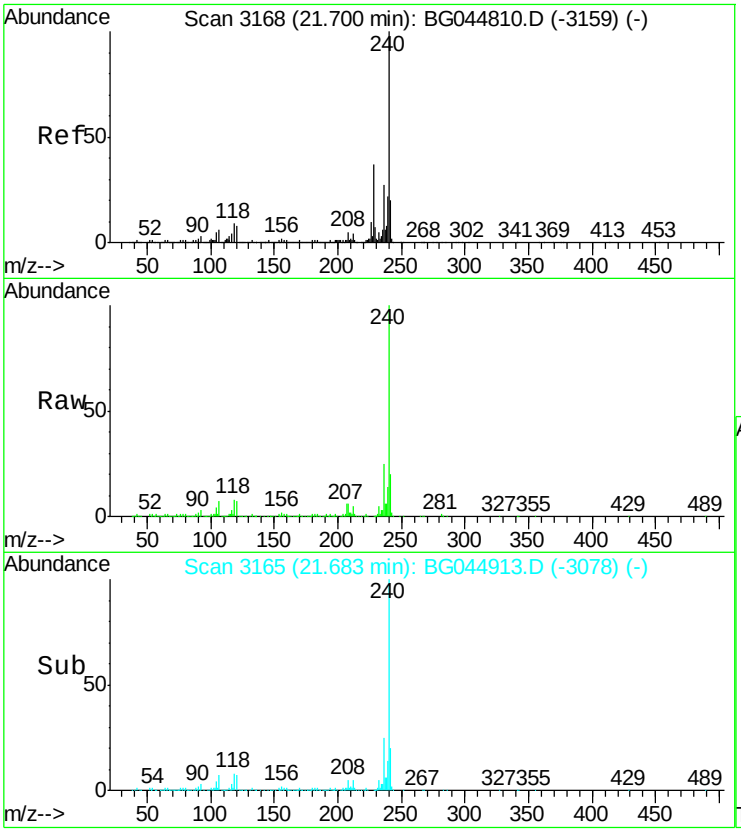


#67
4-Bromophenyl-phenylether
Concen: 4.57 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion:248 Resp: 24522

Ion	Ratio	Lower	Upper
248	100		
250	184.5	77.9	116.9#
141	507.4	57.5	86.3#



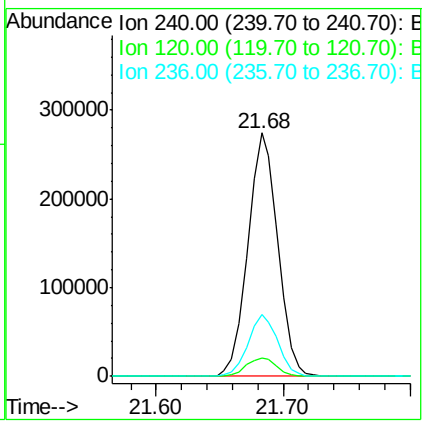


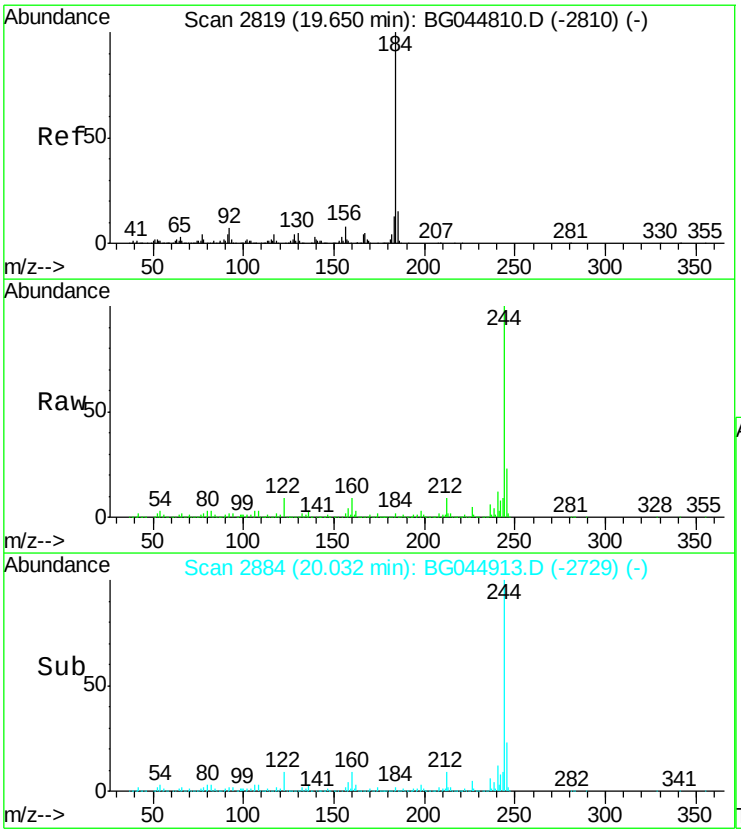
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion:240 Resp: 449795

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.7	10.1
236	25.3	21.5	32.3

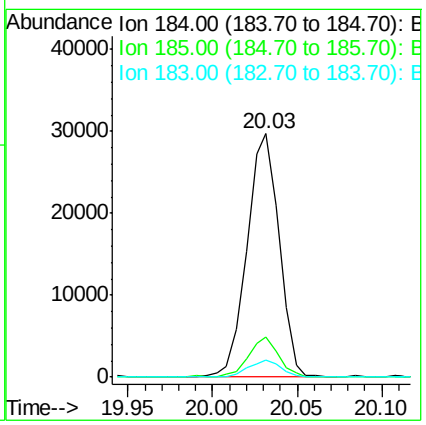


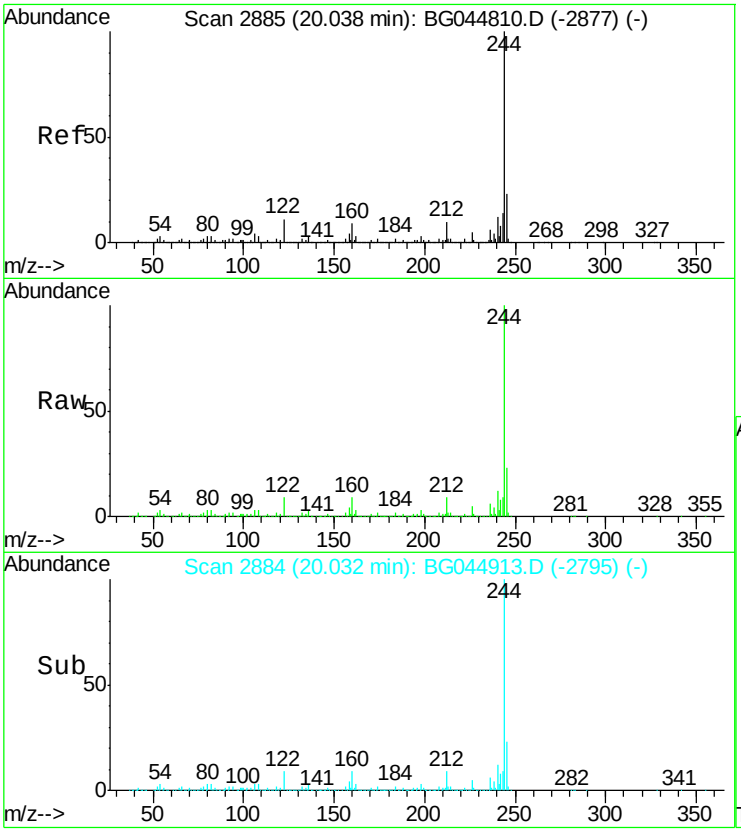


#77
Benzidine
Concen: 2.70 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion:184 Resp: 39376

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.2	18.4
183	7.2	10.7	16.1#



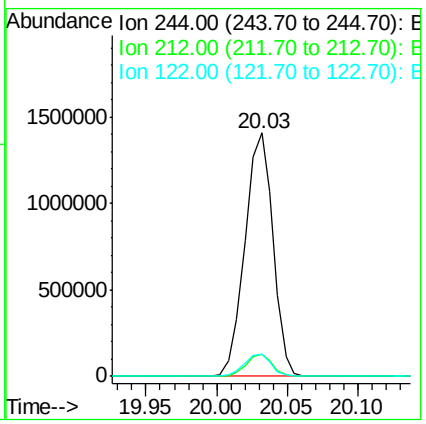


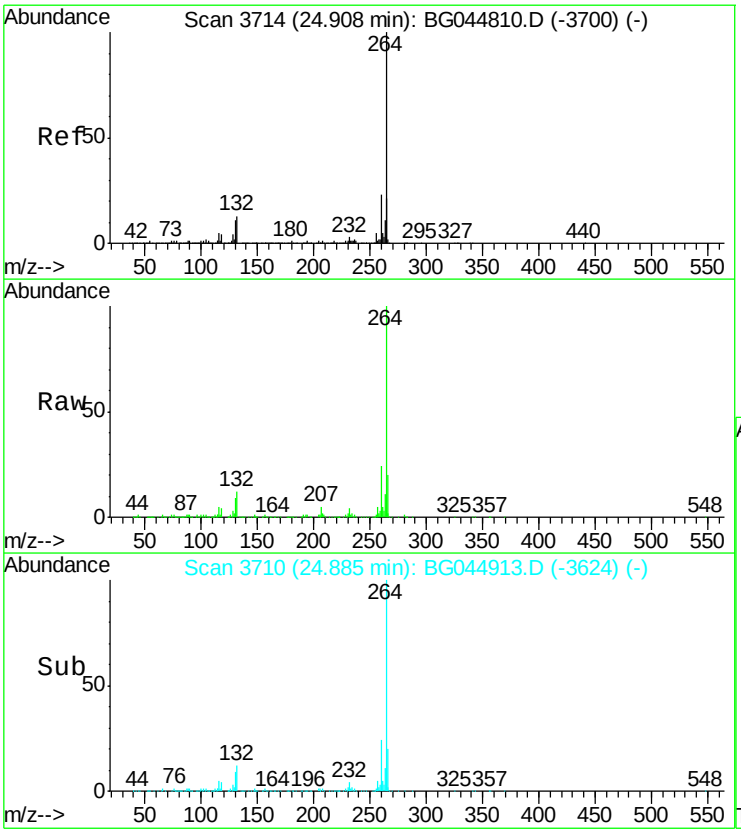
#79
Terphenyl-d14
Concen: 81.87 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Instrument :
BNA_G
ClientSampleId :
TP-11A

Tgt Ion:244 Resp: 1968694

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.7	11.5
122	9.4	8.6	12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.88 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044913.D
Acq: 20 Mar 2020 1:33

Tgt Ion:264 Resp: 481602

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.1	27.1
265	20.5	17.1	25.7