Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
Data File : BG044914.D
Acq On : 20 Mar 2020 2:12
Operator : CG/JU
Sample : L1943-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-8A

Quant Time: Mar 20 02:50:39 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	79948	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	310367	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	209064	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	482281	20.00	ng	0.00
76) Chrysene-d12	21.69	240	486774	20.00	ng	-0.01
87) Perylene-d12	24.89	264	516598	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	628718	122.42	ng	0.00
7) Phenol-d6	7.20	99	774969	103.86	ng	0.00
23) Nitrobenzene-d5	9.20	82	646935	91.47	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	422377	154.30	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1349890	92.46	ng	0.00
79) Terphenyl-d14	20.03	244	2226756	85.57	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.20	77	1760	Below Cal	#	12
19) n-Nitroso-di-n-propylamine	9.20	70	89043	16.90	ng	# 76
32) Benzoic acid	9.94	122	57	9.68	ng	# 1
51) 2,6-Dinitrotoluene	14.67	165	27734	8.26	ng	# 22
54) 2,4-Dinitrophenol	14.77	184	57	8.35	ng	# 21
57) 2,4-Dinitrotoluene	14.67	165	27734	6.03	ng	# 22
65) 4,6-Dinitro-2-methylphenol	15.54	198	67	7.75	ng	# 33
67) 4-Bromophenyl-phenylether	16.16	248	27911	4.63	ng	# 1
77) Benzidine	20.03	184	46603	2.95	ng	# 88

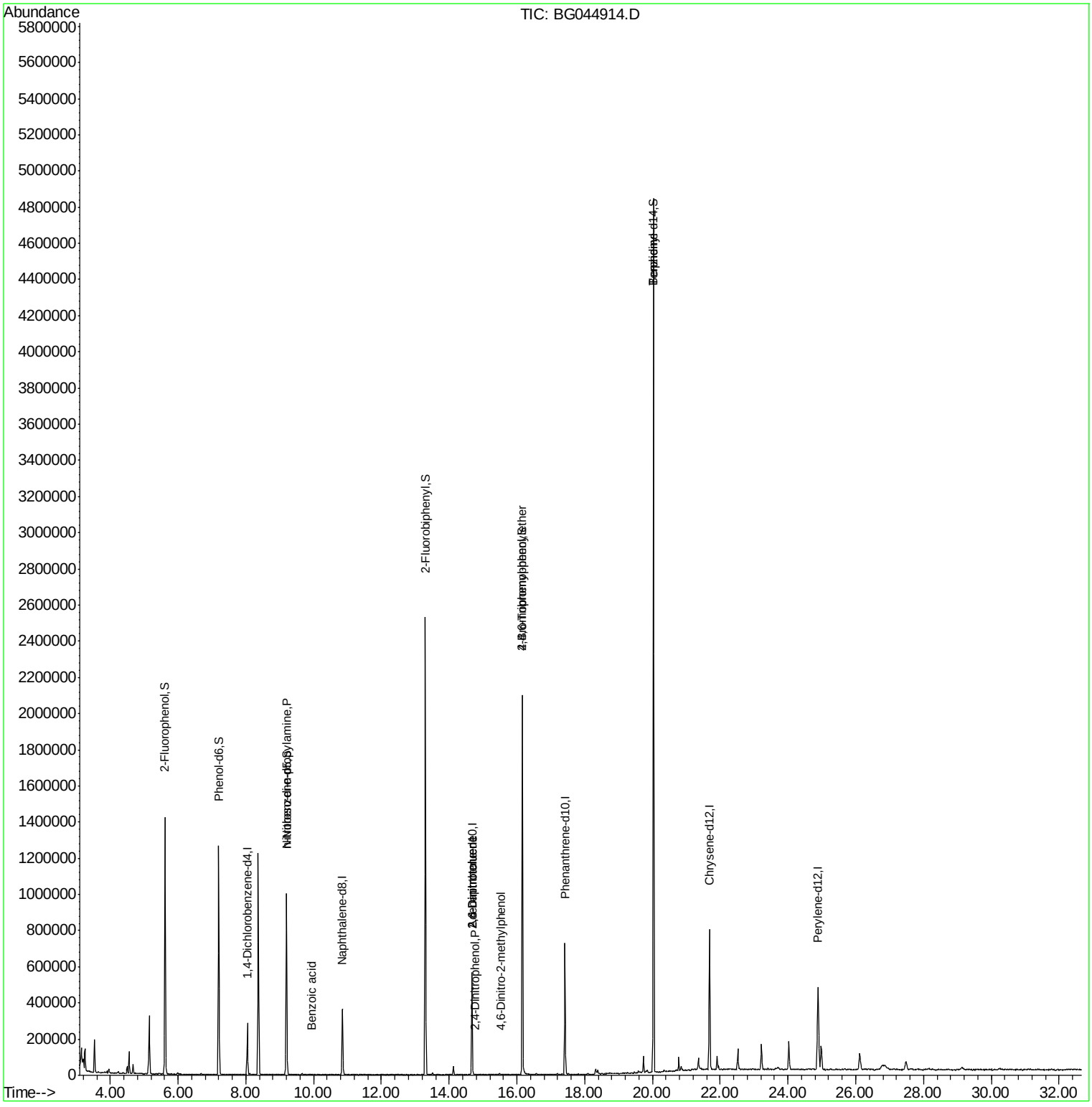
(#) = qualifier out of range (m) = manual integration (+) = signals summed

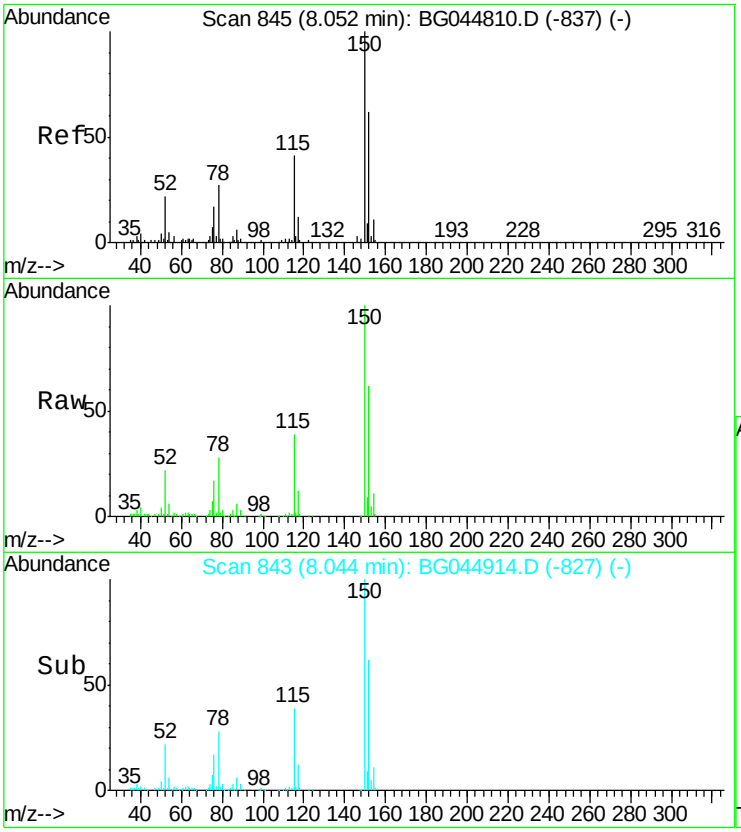
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
Data File : BG044914.D
Acq On : 20 Mar 2020 2:12
Operator : CG/JU
Sample : L1943-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-8A

Quant Time: Mar 20 02:50:39 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



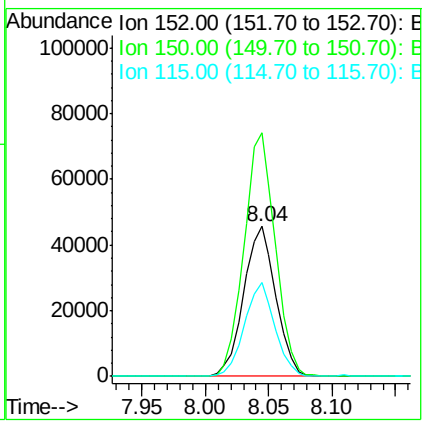


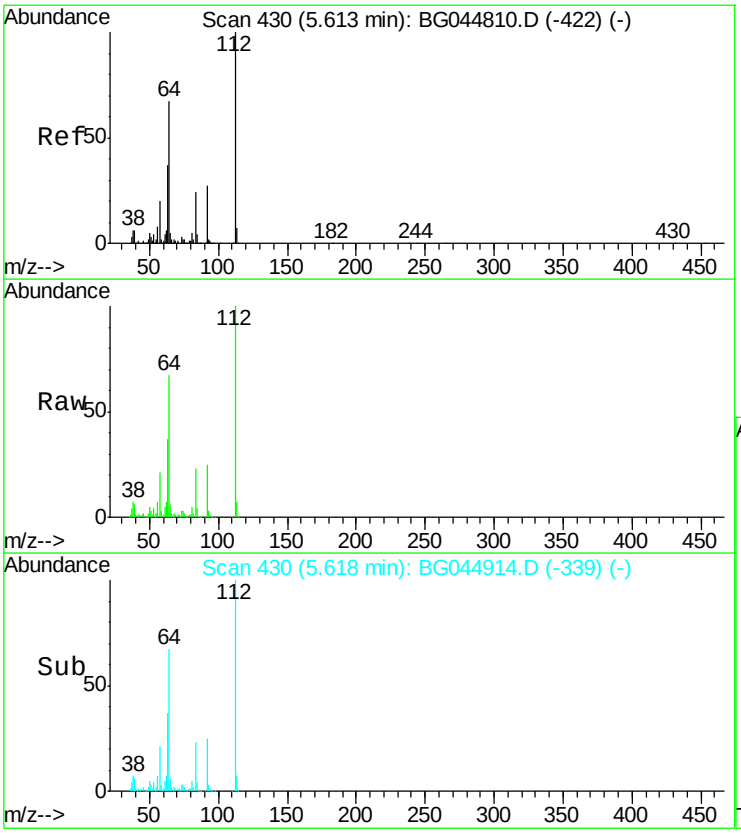
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampleId :
TP-8A

Tgt Ion:152 Resp: 79948

Ion	Ratio	Lower	Upper
152	100		
150	162.3	128.8	193.2
115	62.6	52.6	79.0

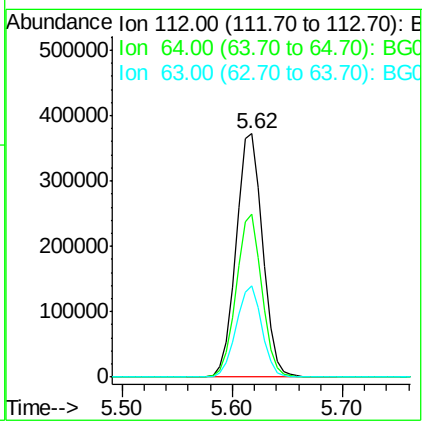


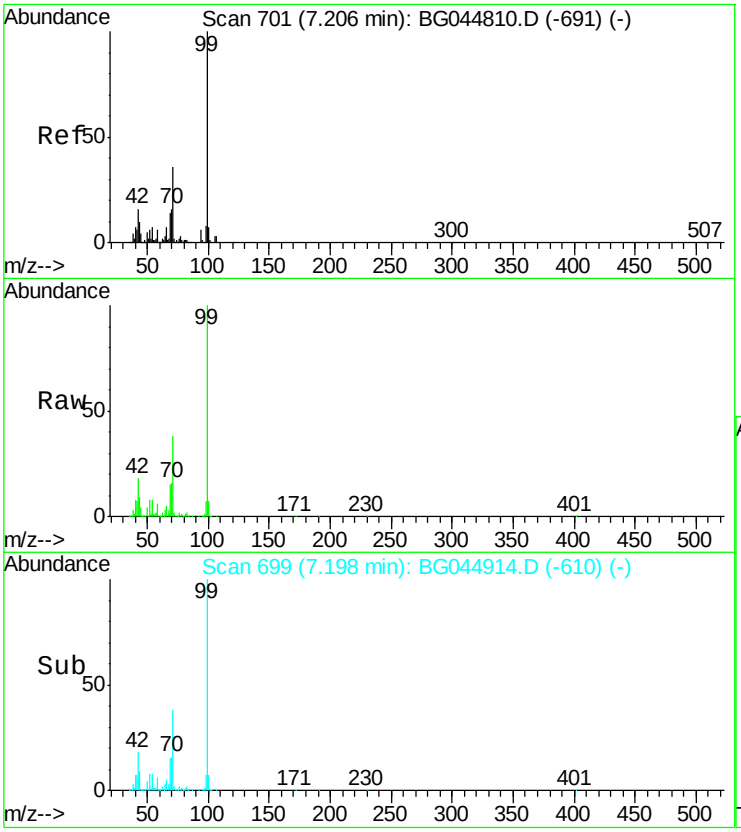


#5
2-Fluorophenol
Concen: 122.42 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion:112 Resp: 628718

Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.4	80.2
63	37.3	29.4	44.2



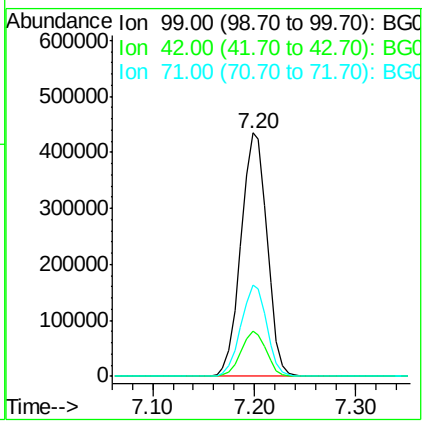


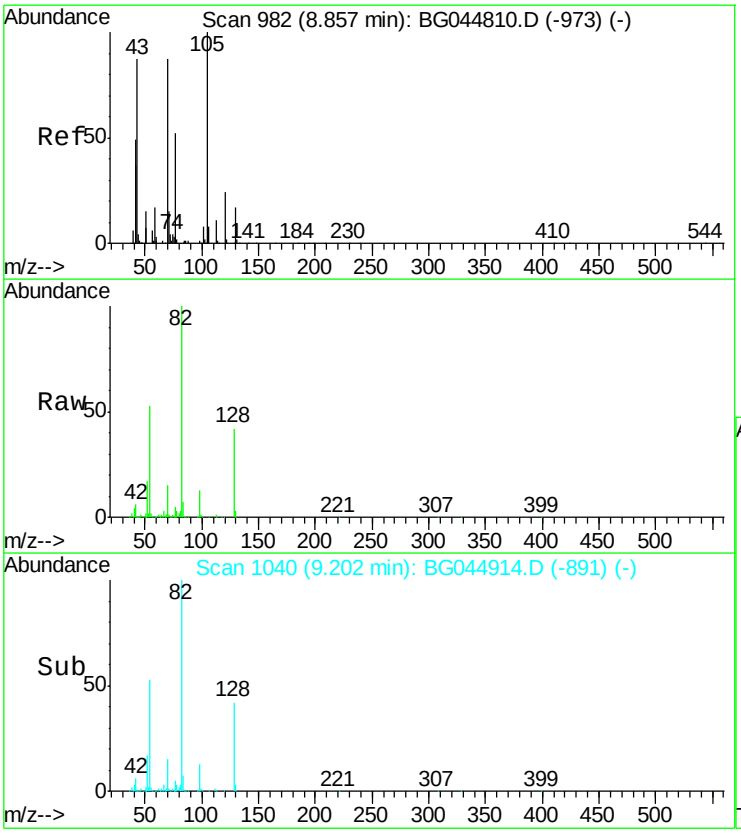
#7
Phenol-d6
Concen: 103.86 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampleId :
TP-8A

Tgt Ion: 99 Resp: 774969

Ion	Ratio	Lower	Upper
99	100		
42	18.4	12.6	19.0
71	37.7	29.0	43.4

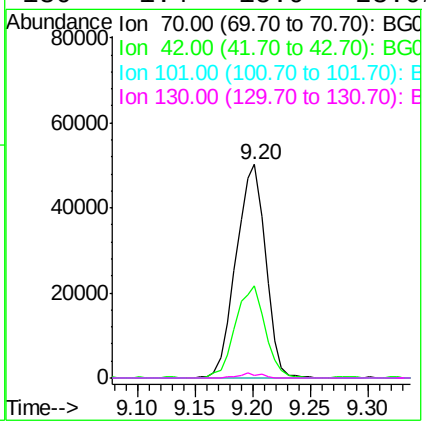


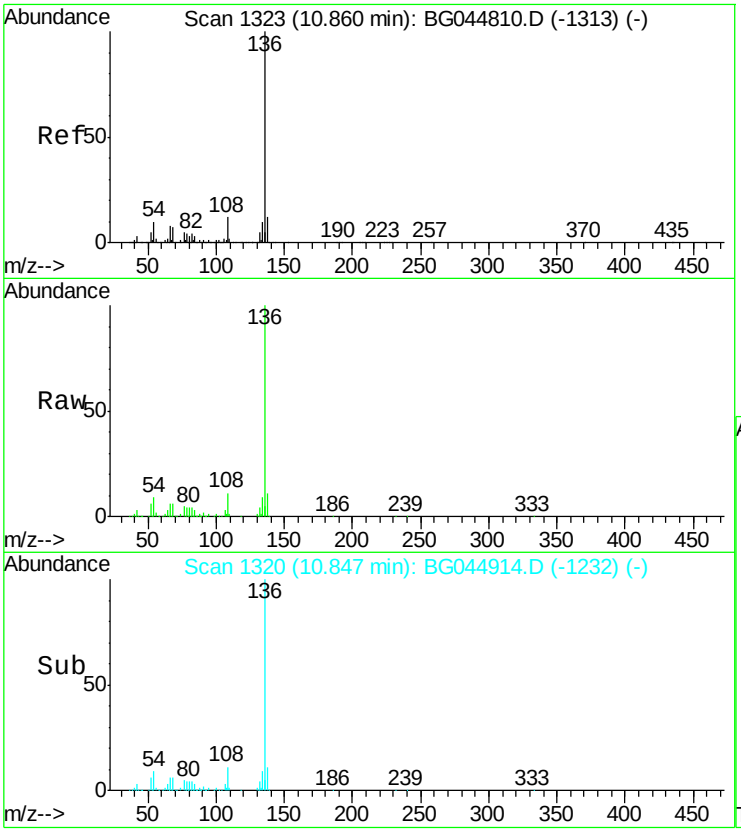


#19
n-Nitroso-di-n-propylamine
Concen: 16.90 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.35 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion: 70 Resp: 89043

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#



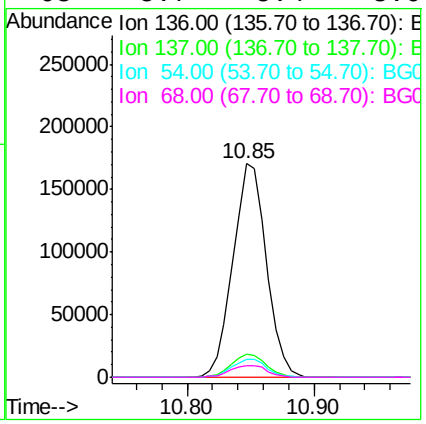


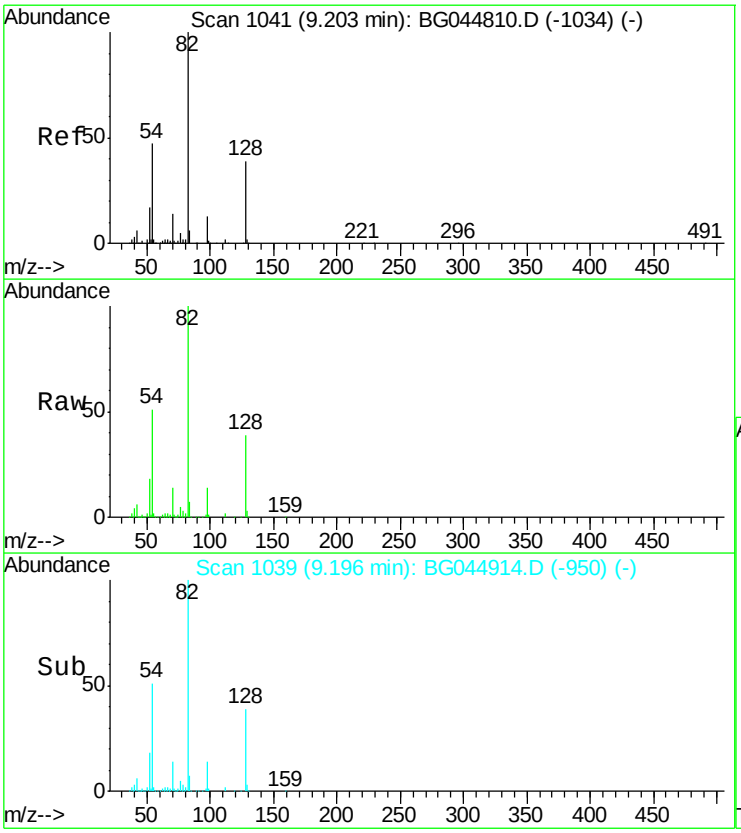
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampleId :
TP-8A

Tgt Ion:136 Resp: 310367

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	8.5	7.9	11.9
68	5.7	5.4	8.0

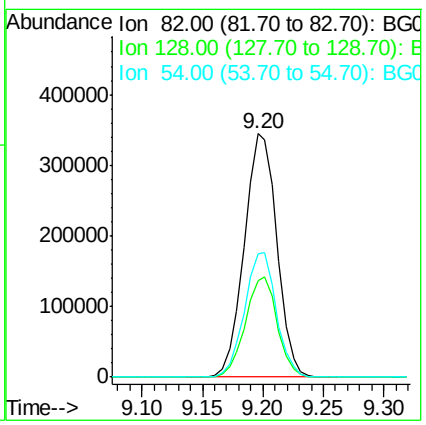


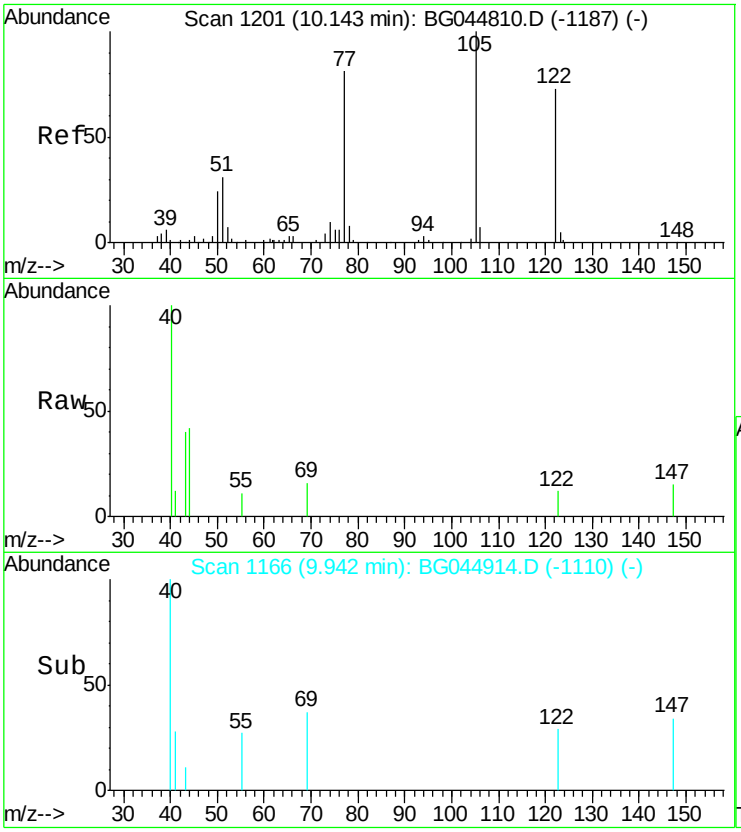


#23
Nitrobenzene-d5
Concen: 91.47 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion: 82 Resp: 646935

Ion	Ratio	Lower	Upper
82	100		
128	39.4	30.6	46.0
54	50.6	37.1	55.7



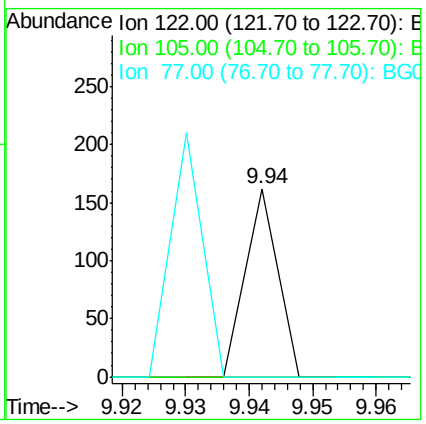


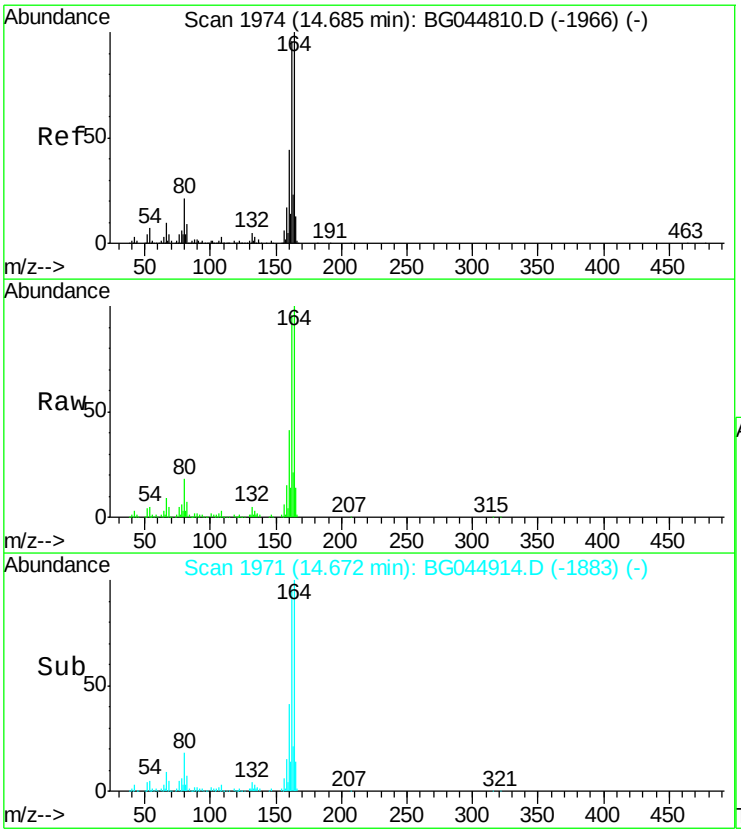
#32
Benzoic acid
Concen: 9.68 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.20 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampleId :
TP-8A

Tgt Ion:122 Resp: 57

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

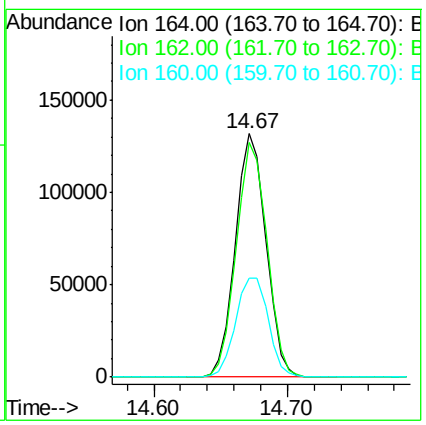


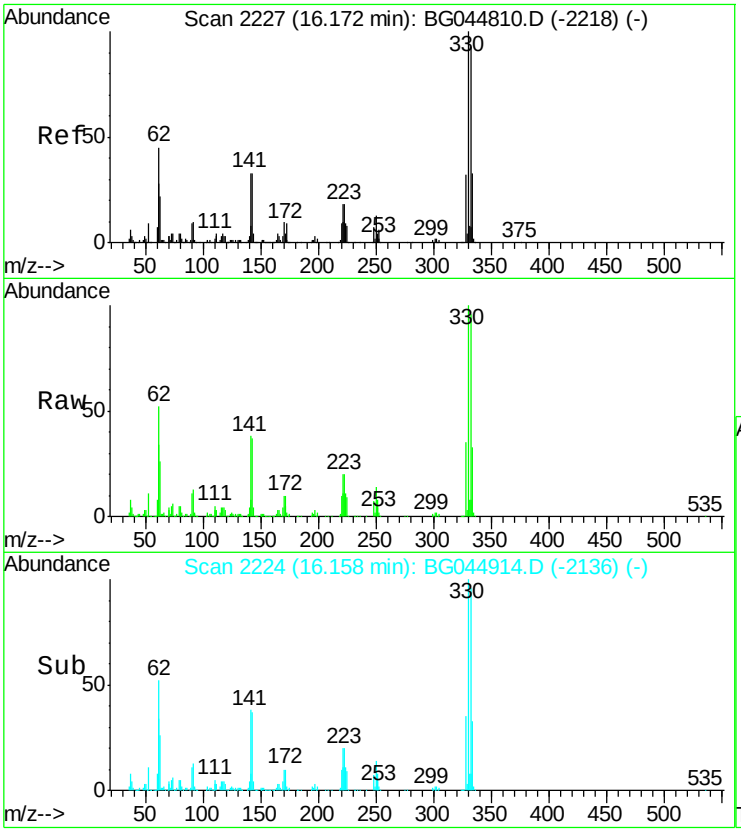


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion:164 Resp: 209064

Ion	Ratio	Lower	Upper
164	100		
162	96.2	76.7	115.1
160	40.9	35.0	52.4



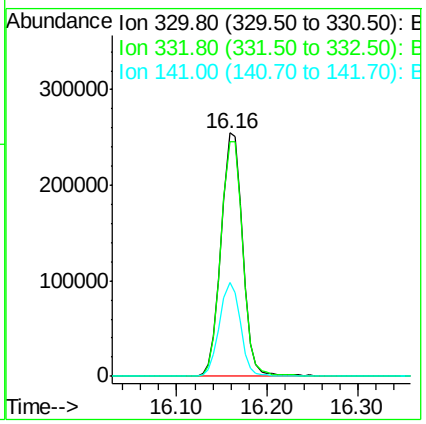


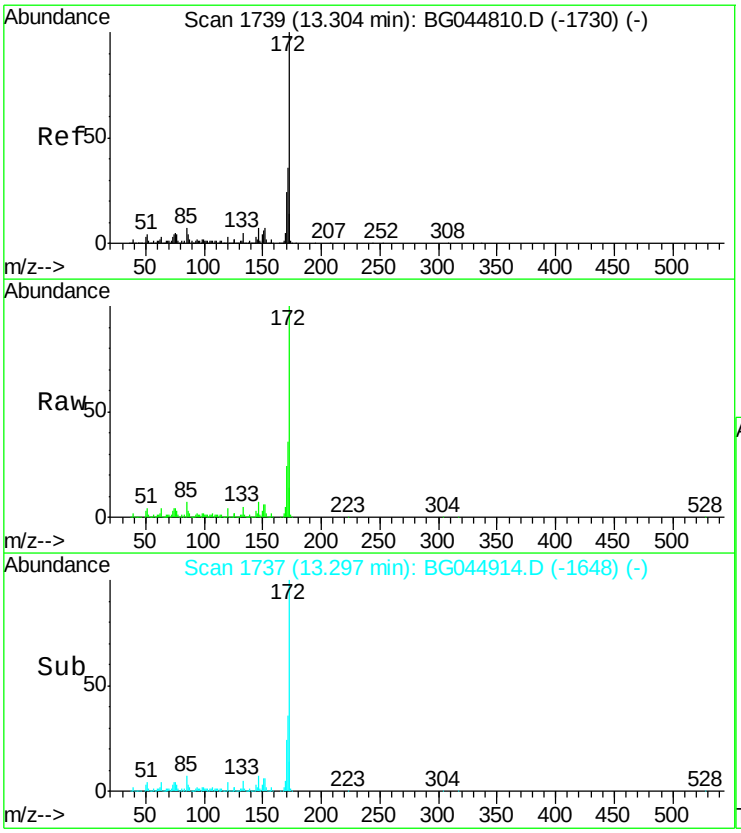
#42
2,4,6-Tribromophenol
Concen: 154.30 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampleId :
TP-8A

Tgt Ion:330 Resp: 422377

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.8	116.6
141	37.4	29.5	44.3

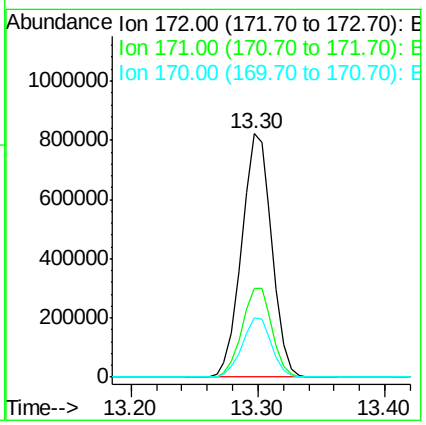


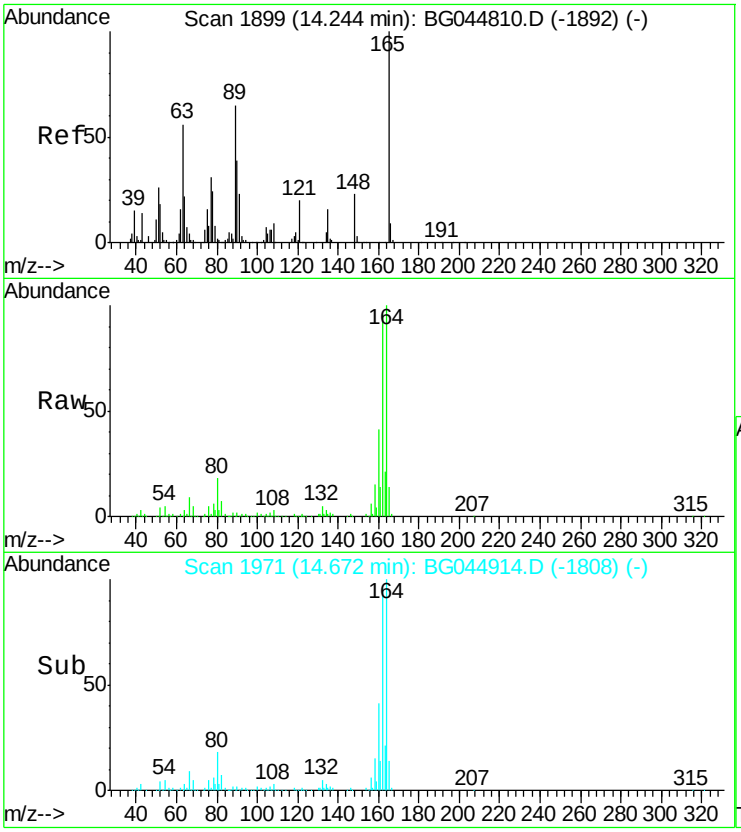


#45
2-Fluorobiphenyl
Concen: 92.46 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion:172 Resp: 1349890

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	24.3	19.0	28.6



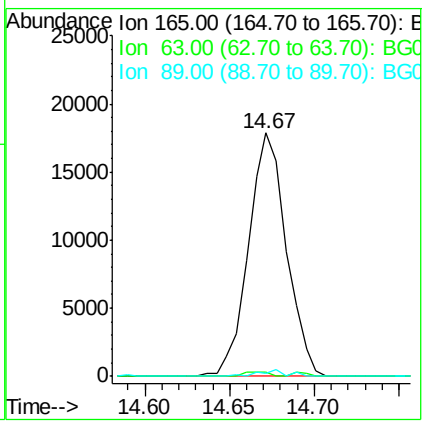


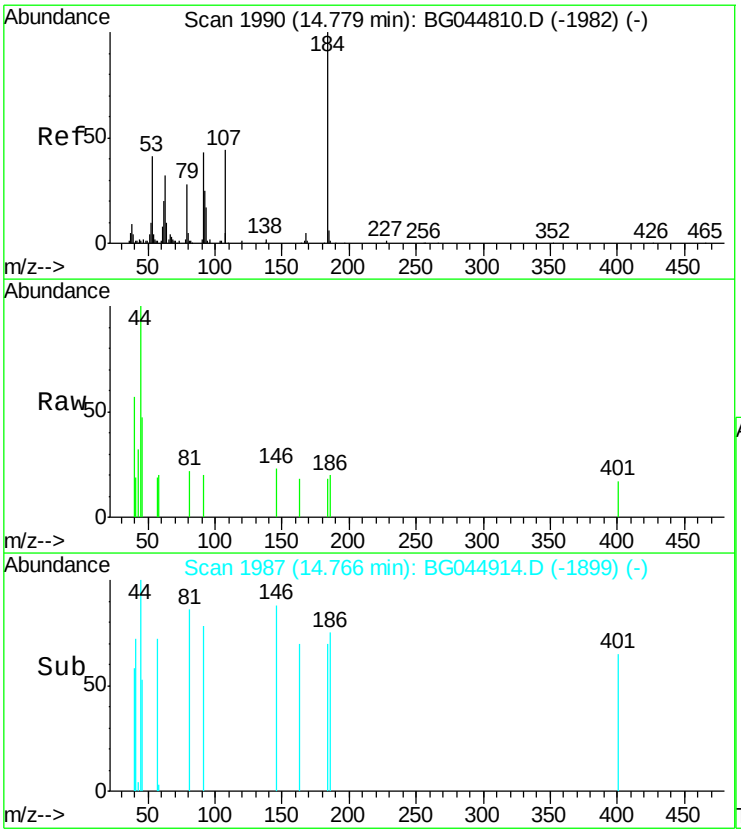
#51
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.43 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampleId :
TP-8A

Tgt Ion:165 Resp: 27734

Ion	Ratio	Lower	Upper
165	100		
63	2.0	45.8	68.8#
89	1.0	51.8	77.6#

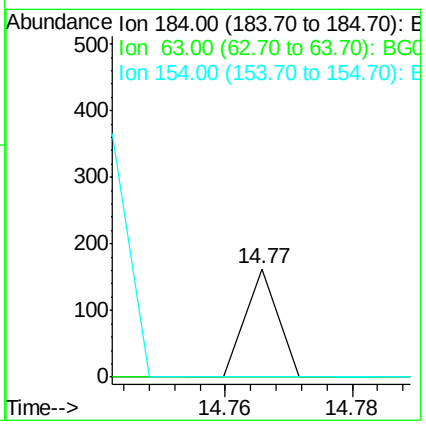


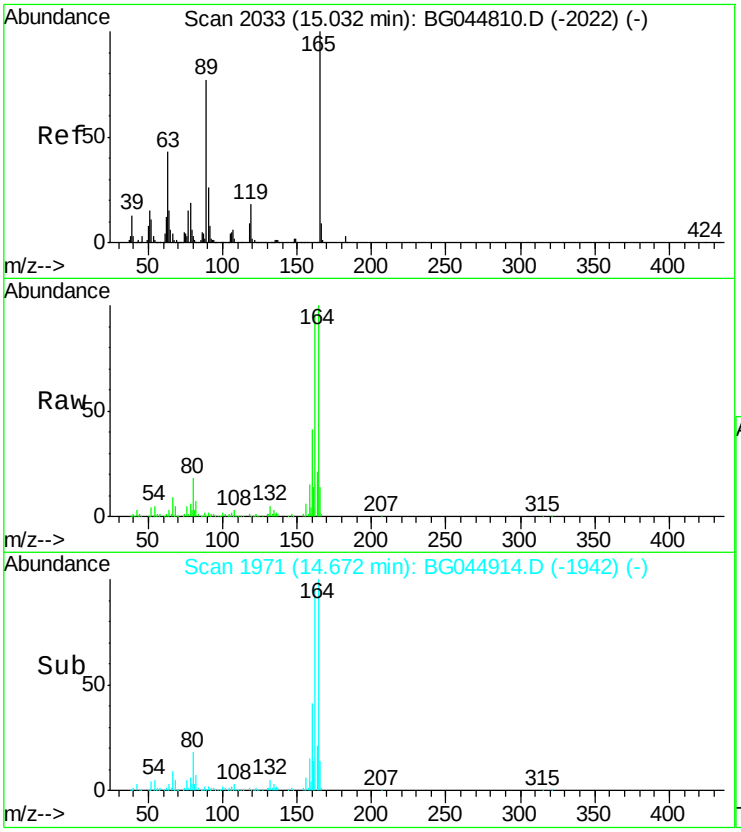


#54
2,4-Dinitrophenol
Concen: 8.35 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion:184 Resp: 57

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



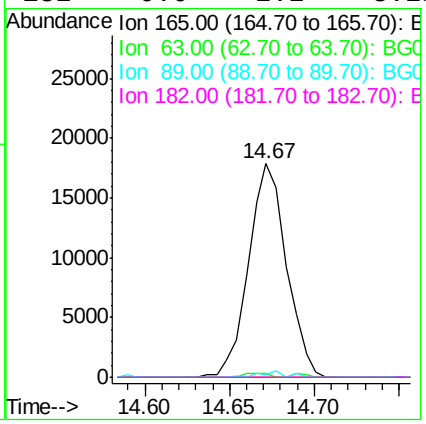


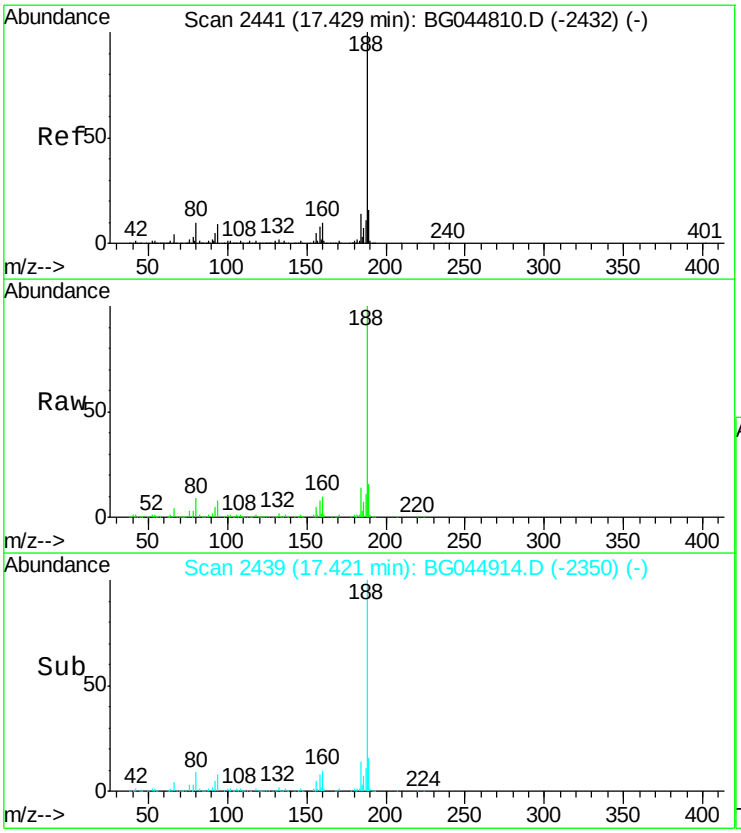
#57
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.36 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampleId :
TP-8A

Tgt Ion:165 Resp: 27734

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.6	52.0#
89	1.0	61.3	91.9#
182	0.0	2.2	3.2#

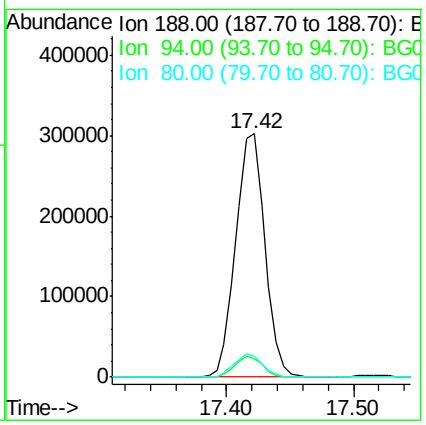


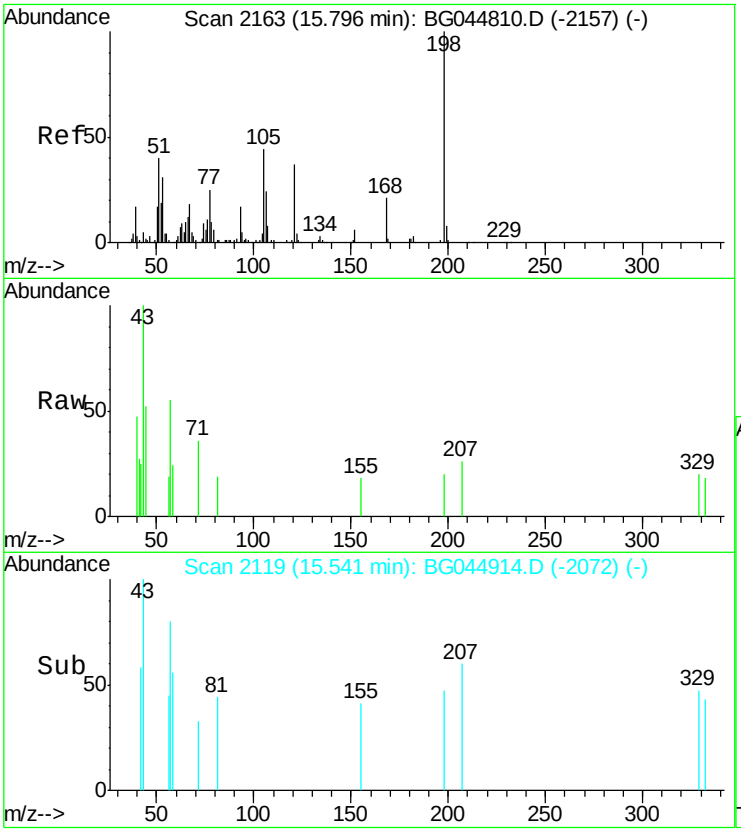


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion:188 Resp: 482281

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.3	10.9
80	8.8	8.0	12.0



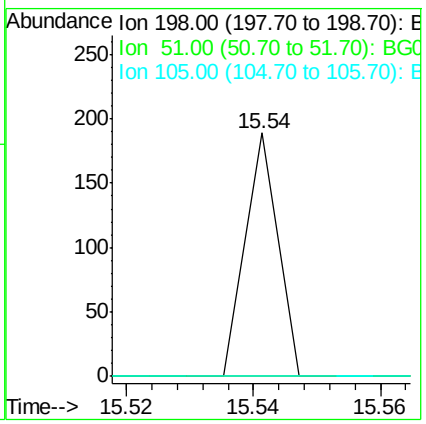


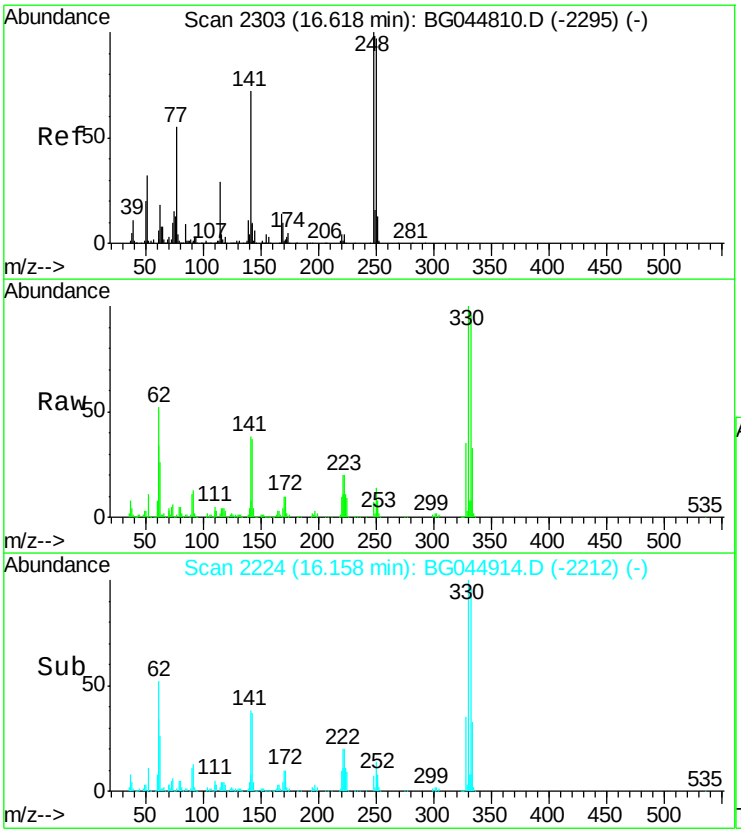
#65
4,6-Dinitro-2-methylphenol
Concen: 7.75 ng
RT: 15.54 min Scan# 2119
Delta R.T. -0.25 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampleId :
TP-8A

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#

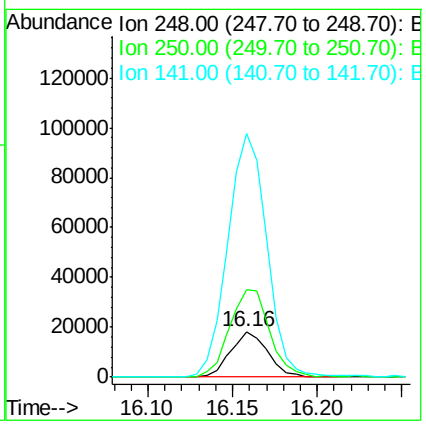


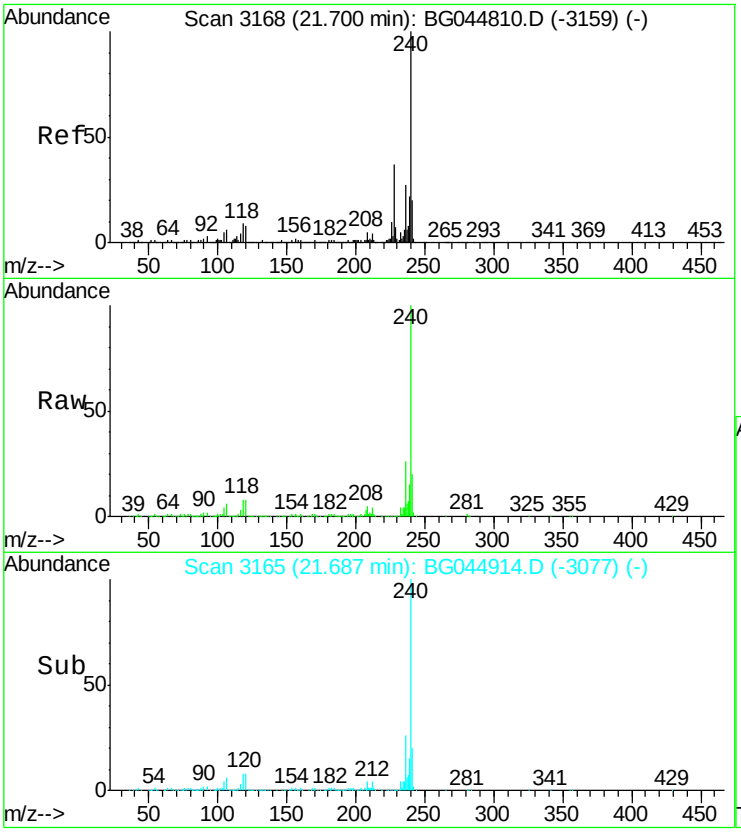


#67
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.46 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion:248 Resp: 27911

Ion	Ratio	Lower	Upper
248	100		
250	192.8	77.9	116.9#
141	532.8	57.5	86.3#



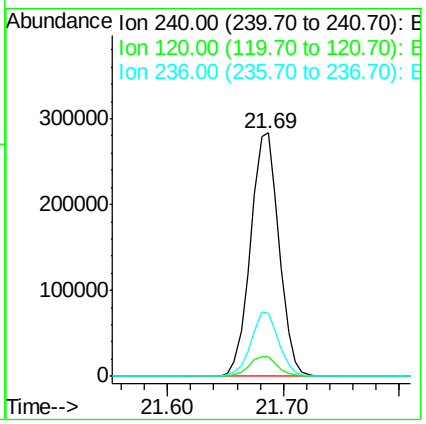


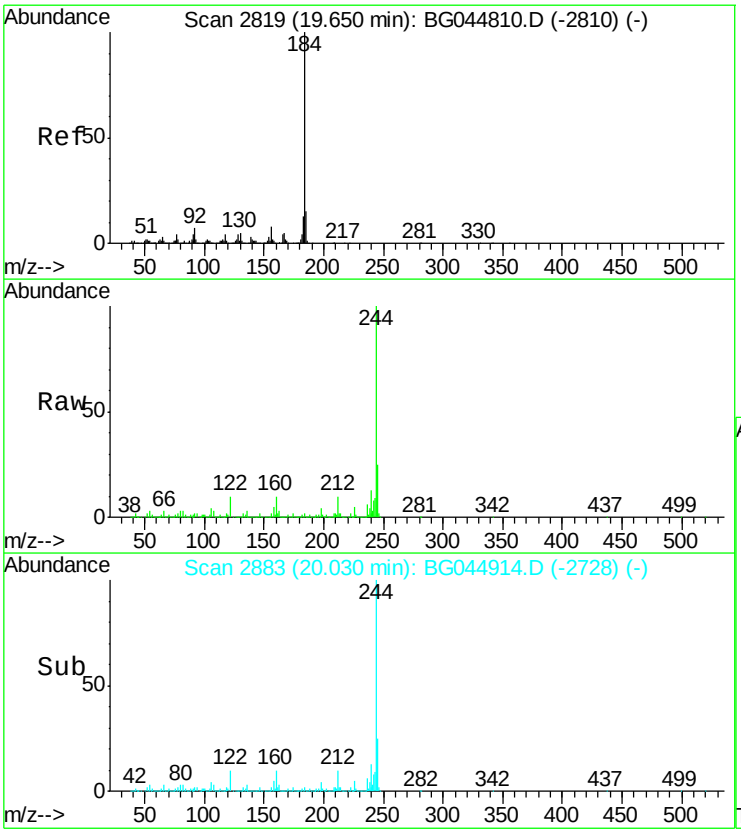
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampleId :
TP-8A

Tgt Ion:240 Resp: 486774

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.7	10.1
236	25.8	21.5	32.3

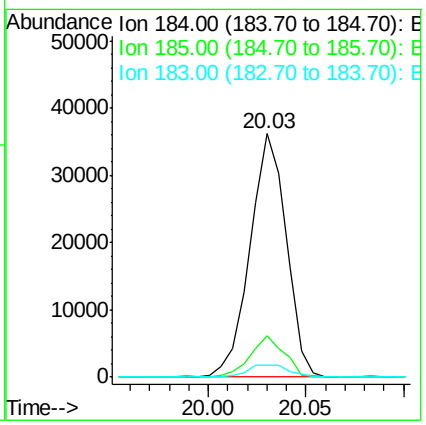


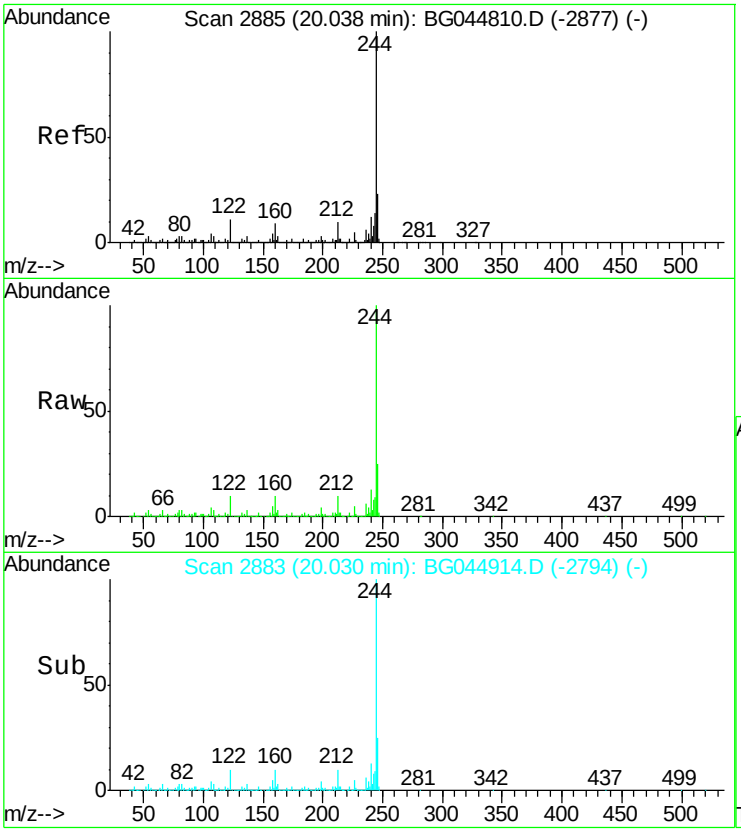


#77
Benzidine
Concen: 2.95 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.38 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion:184 Resp: 46603

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.2	18.4
183	5.0	10.7	16.1#



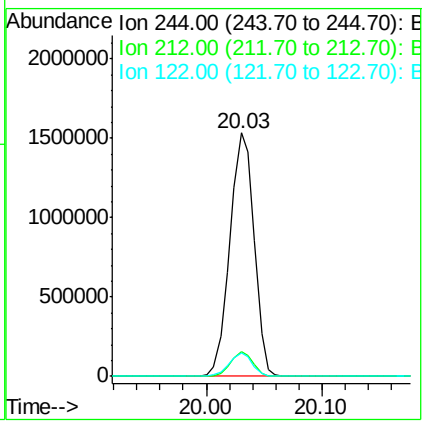


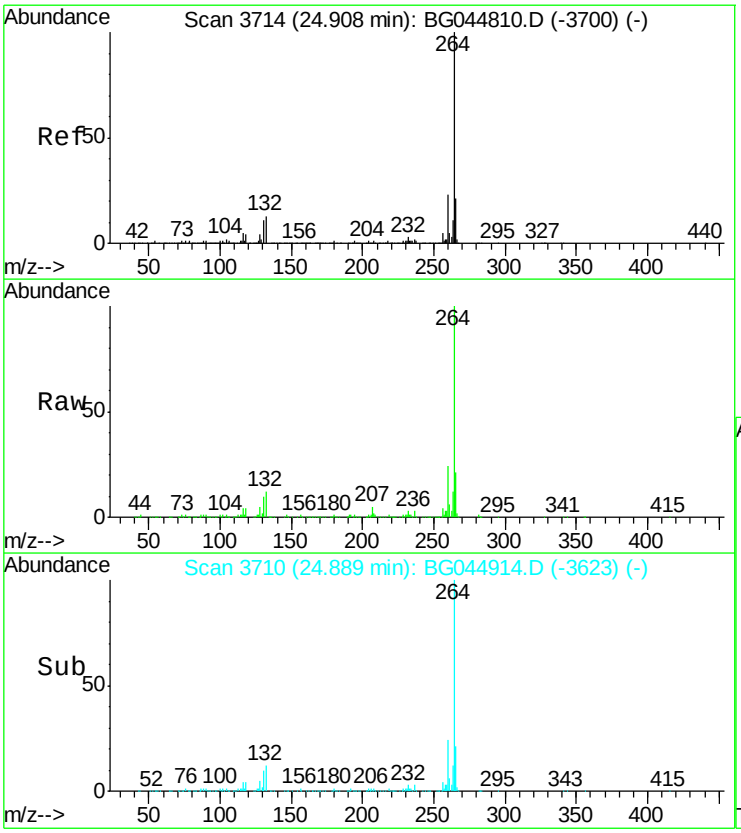
#79
Terphenyl-d14
Concen: 85.57 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Instrument :
BNA_G
ClientSampleId :
TP-8A

Tgt Ion:244 Resp: 2226756

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.7	11.5
122	9.8	8.6	12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044914.D
Acq: 20 Mar 2020 2:12

Tgt Ion:264 Resp: 516598

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.1	27.1
265	21.4	17.1	25.7