Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040720\
Data File : BG044967.D
Acq On : 7 Apr 2020 23:00
Operator : CG/JU
Sample : L2110-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-040220

Quant Time: Apr 08 02:24:53 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	73494	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	279845	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	185223	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	450031	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	506697	20.00	ng		-0.01
87) Perylene-d12	24.89	264	531539	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	596903	126.43	ng		0.00
7) Phenol-d6	7.20	99	764238	111.41	ng		0.00
23) Nitrobenzene-d5	9.20	82	589467	92.43	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	430459	177.49	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	1335506	103.25	ng		0.00
79) Terphenyl-d14	20.03	244	2488119	91.85	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.20	77	1142	Below Cal		#	21
19) n-Nitroso-di-n-propylamine	9.20	70	78026	16.11	ng	#	67
26) 2-Nitrophenol	10.08	139	53	5.54	ng	#	28
32) Benzoic acid	10.04	122	62	9.69	ng	#	1
50) Dimethylphthalate	14.12	163	83042	5.63	ng		97
54) 2,4-Dinitrophenol	14.80	184	78	8.37	ng	#	21
57) 2,4-Dinitrotoluene	14.67	165	24514	6.01	ng	#	20
65) 4,6-Dinitro-2-methylphenol	16.14	198	772	8.03	ng		79
67) 4-Bromophenyl-phenylether	16.16	248	28791	5.12	ng	#	1
77) Benzidine	20.03	184	49632	3.02	ng	#	91

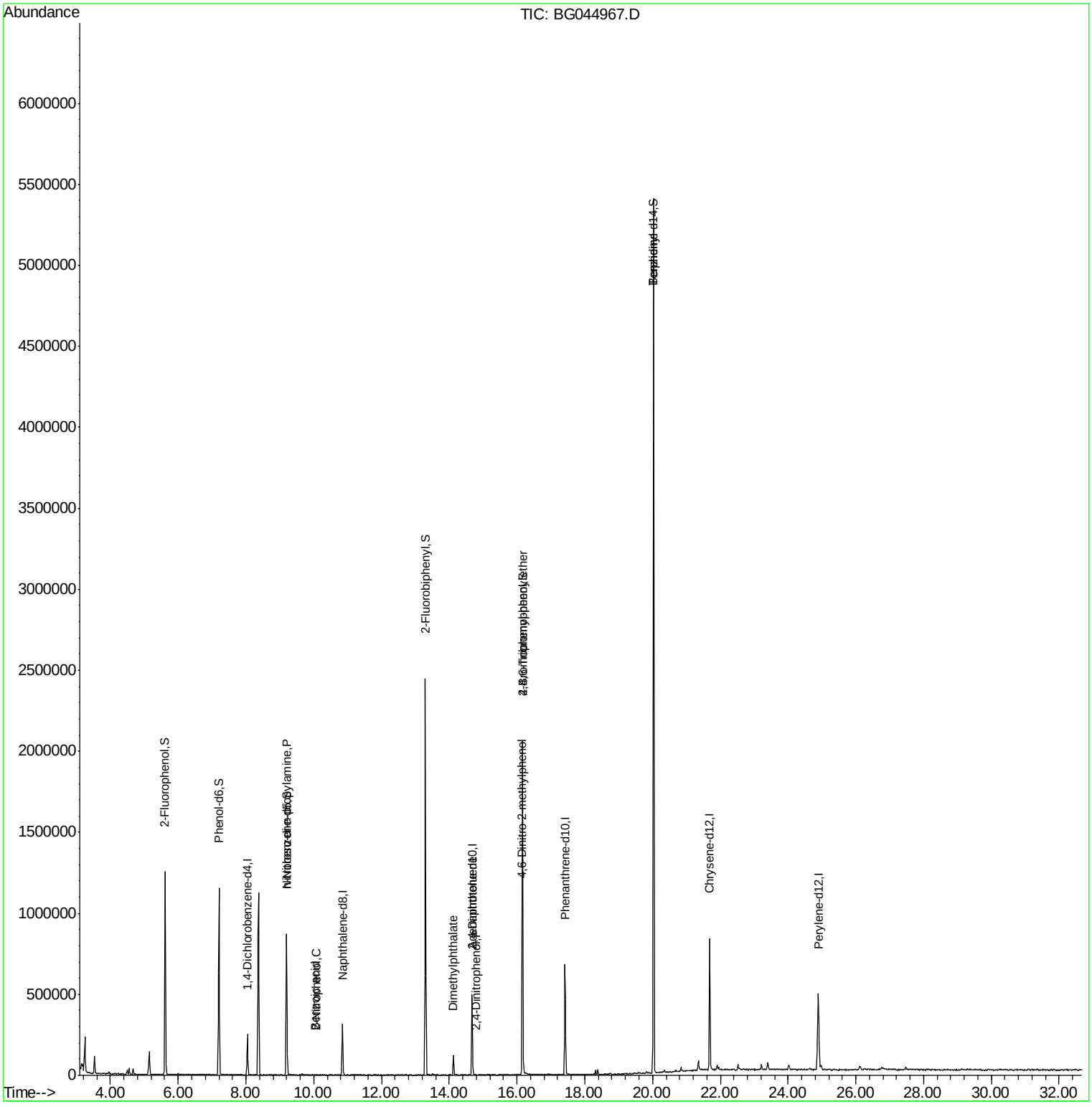
(#) = qualifier out of range (m) = manual integration (+) = signals summed

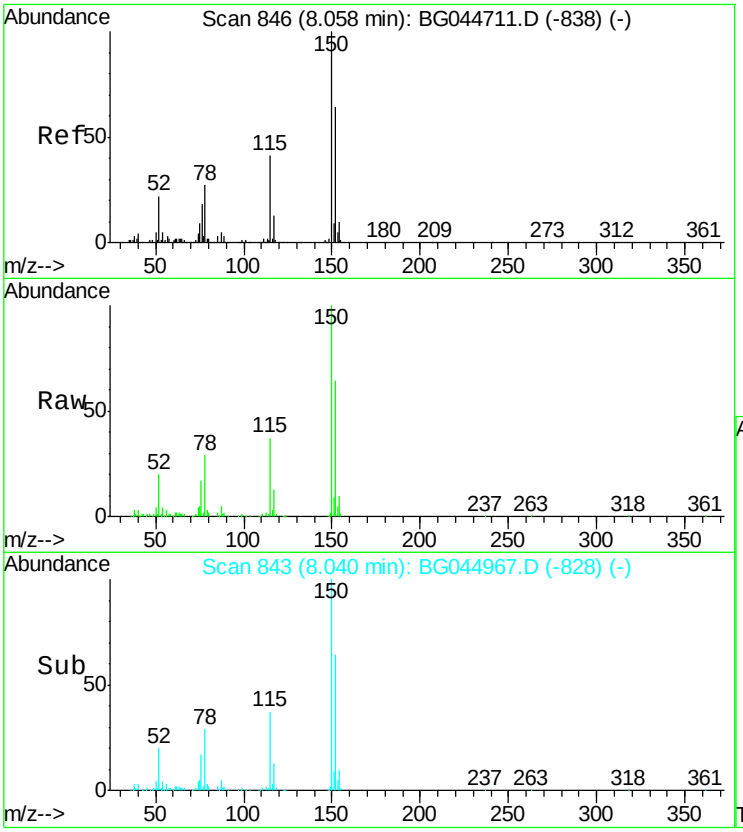
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040720\
Data File : BG044967.D
Acq On : 7 Apr 2020 23:00
Operator : CG/JU
Sample : L2110-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Quant Time: Apr 08 02:24:53 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



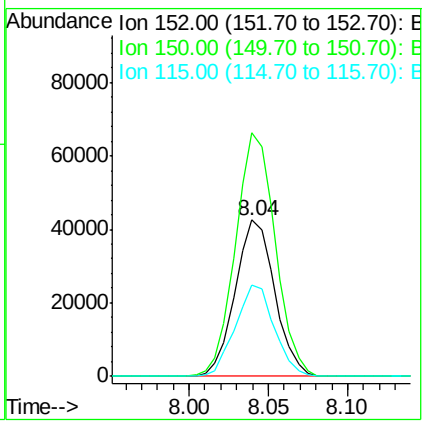


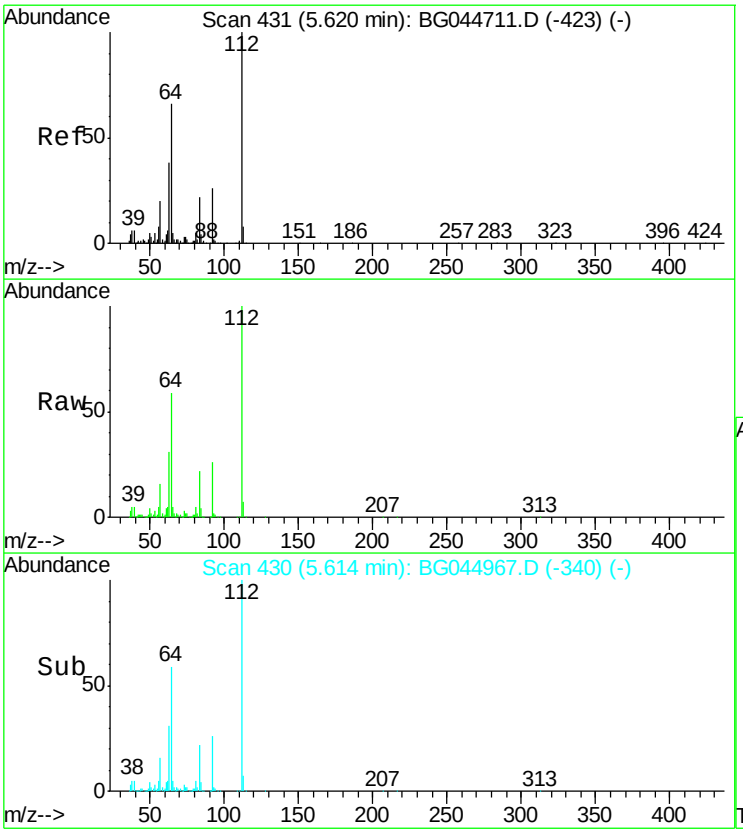
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Tgt Ion:152 Resp: 73494

Ion	Ratio	Lower	Upper
152	100		
150	156.1	128.8	193.2
115	58.3	52.6	79.0

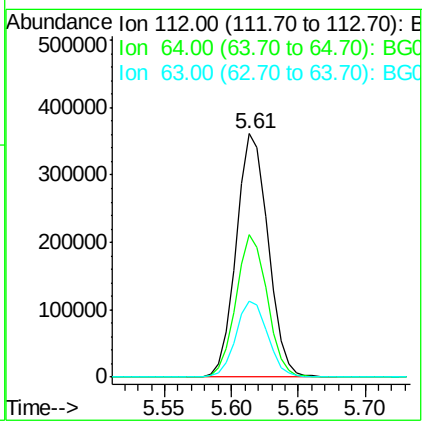


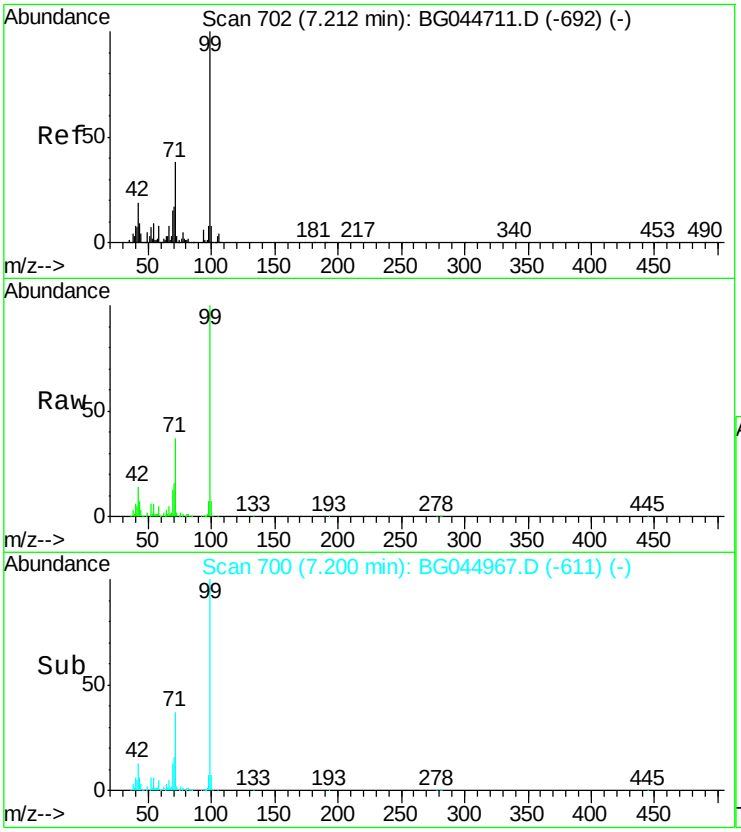


#5
2-Fluorophenol
Concen: 126.43 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Tgt Ion:112 Resp: 596903

Ion	Ratio	Lower	Upper
112	100		
64	58.6	53.4	80.2
63	31.2	29.4	44.2



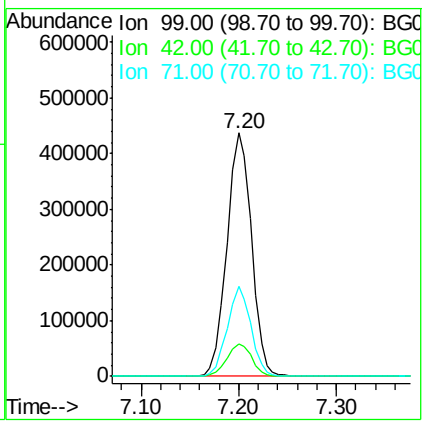


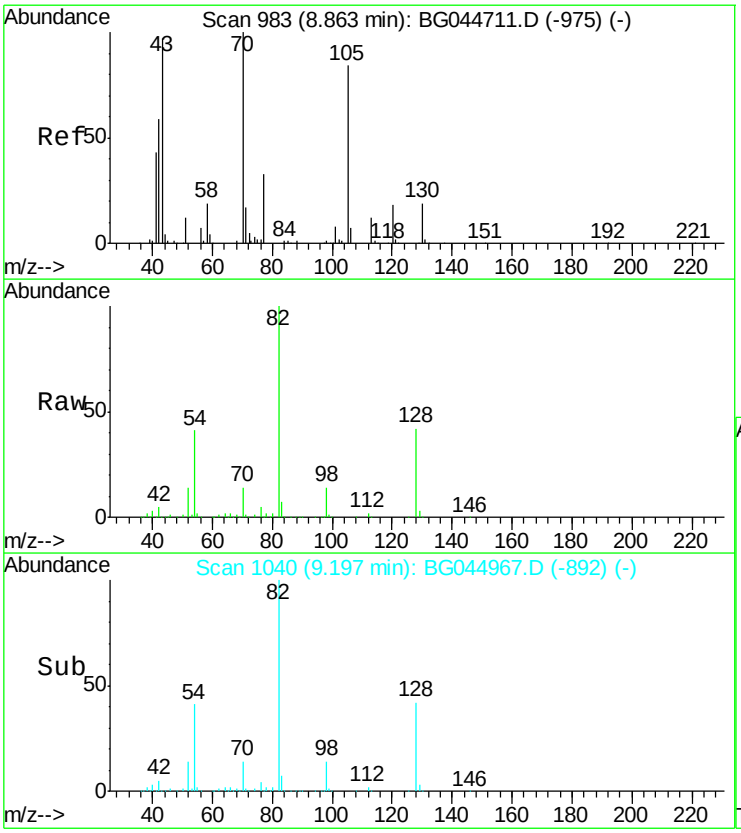
#7
Phenol-d6
Concen: 111.41 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Tgt Ion: 99 Resp: 764238

Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.6	19.0
71	36.8	29.0	43.4

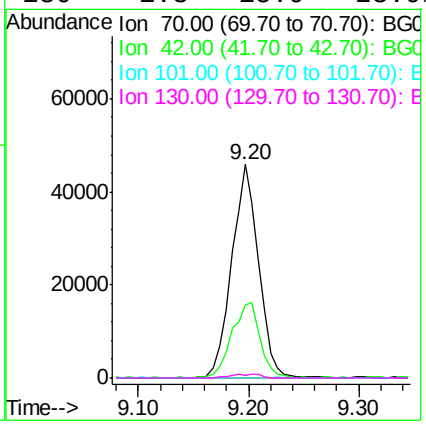


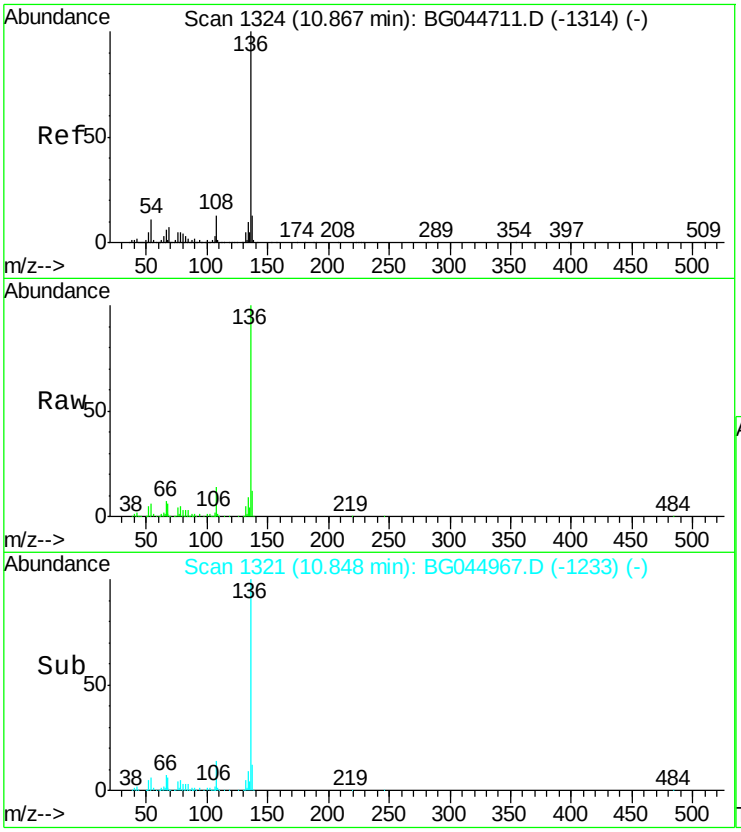


#19
n-Nitroso-di-n-propylamine
Concen: 16.11 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Tgt Ion: 70 Resp: 78026

Ion	Ratio	Lower	Upper
70	100		
42	34.0	45.7	68.5#
101	0.0	7.4	11.2#
130	1.3	15.9	23.9#



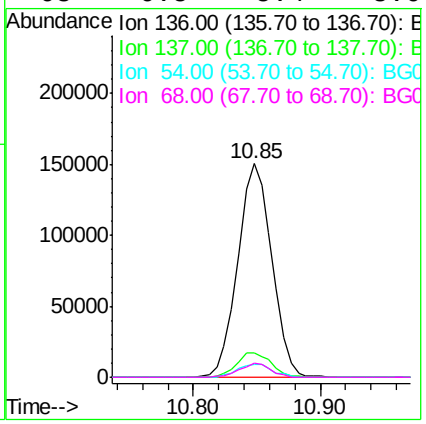


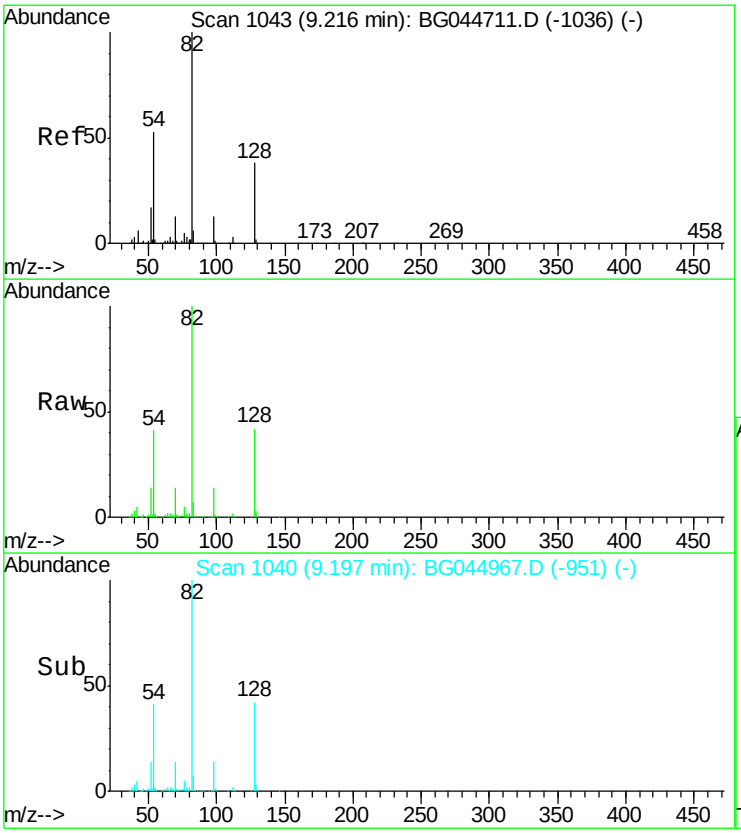
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Tgt Ion:136 Resp: 279845

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.6
54	5.9	7.9	11.9#
68	6.5	5.4	8.0

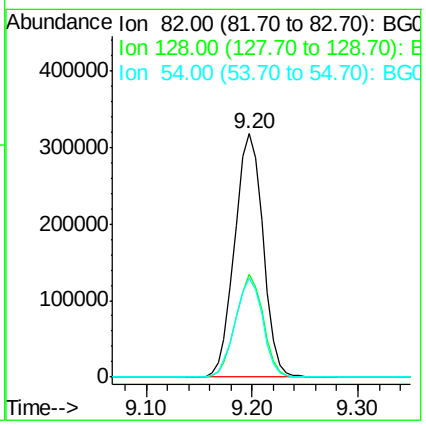


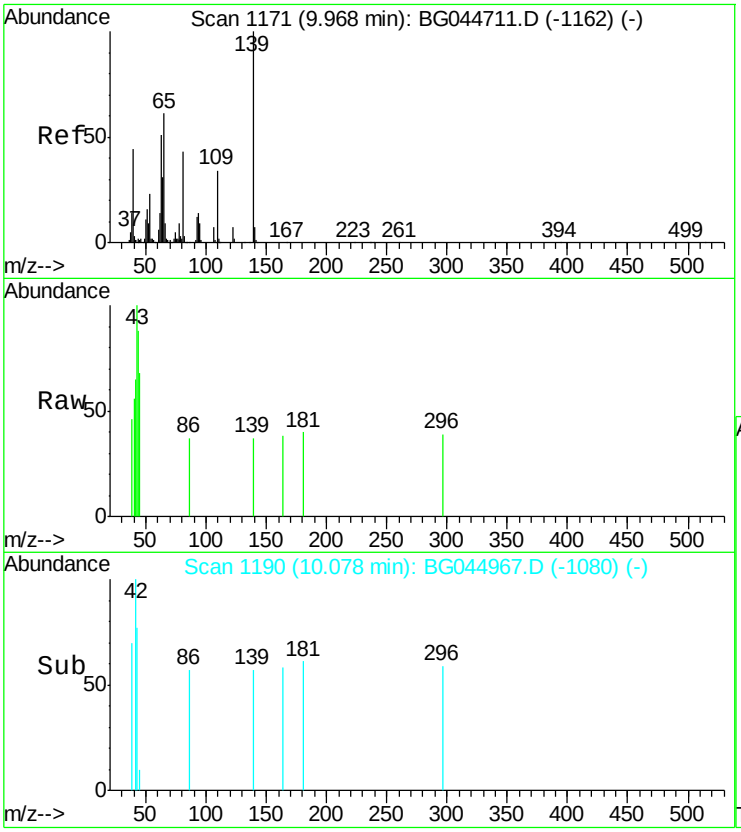


#23
Nitrobenzene-d5
Concen: 92.43 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Tgt Ion: 82 Resp: 589467

Ion	Ratio	Lower	Upper
82	100		
128	42.0	30.6	46.0
54	40.6	37.1	55.7



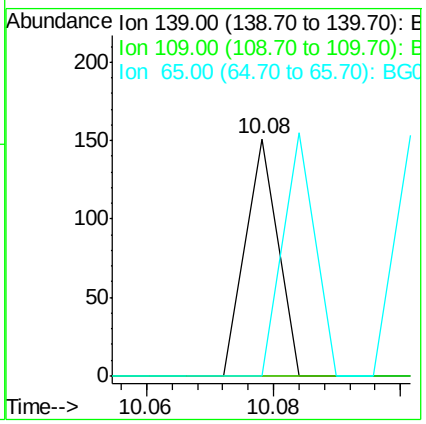


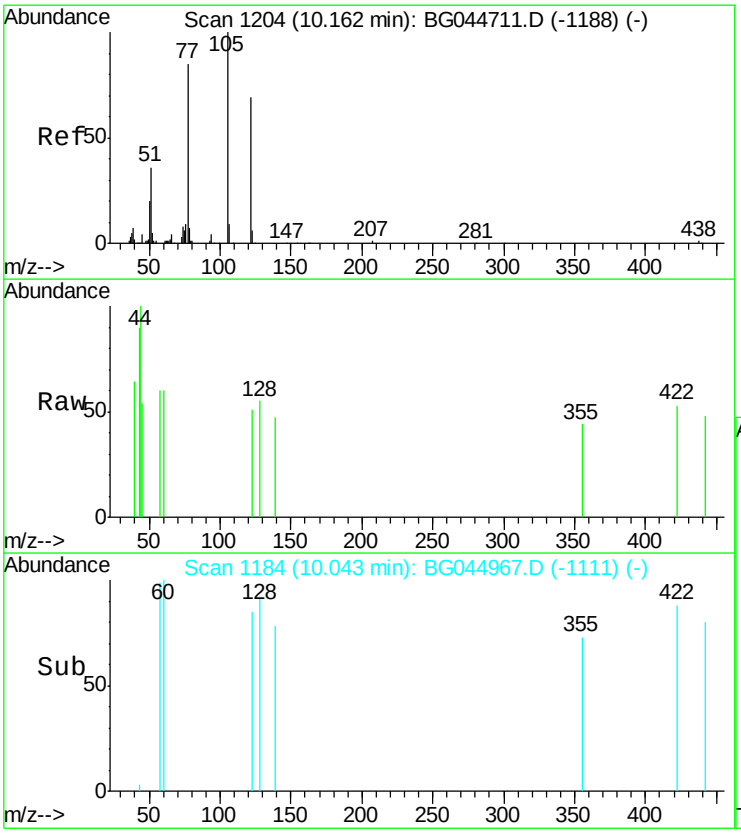
#26
2-Nitrophenol
Concen: 5.54 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.12 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

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#

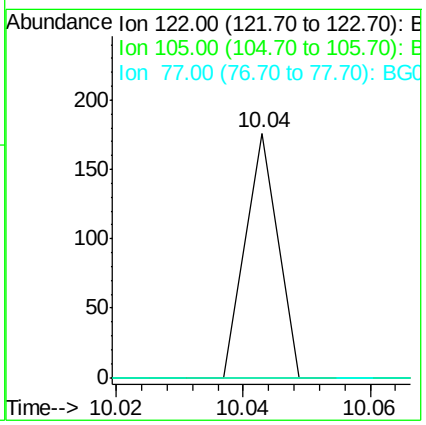


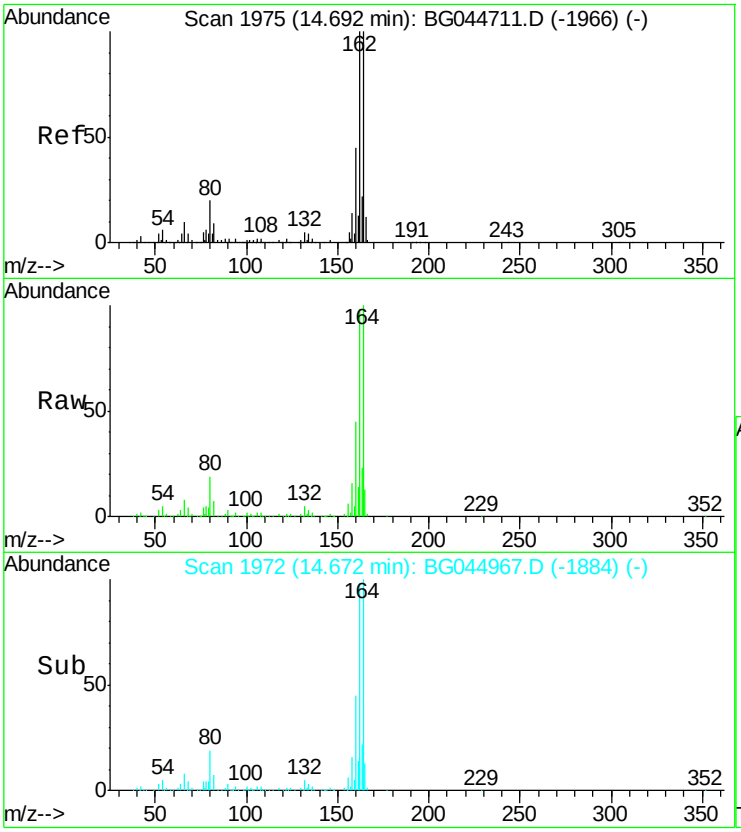


#32
Benzoic acid
Concen: 9.69 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.10 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Tgt Ion:122 Resp: 62

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



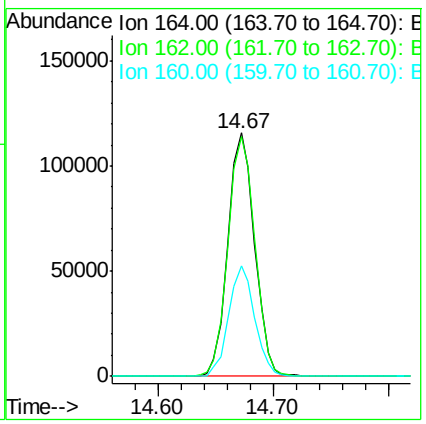


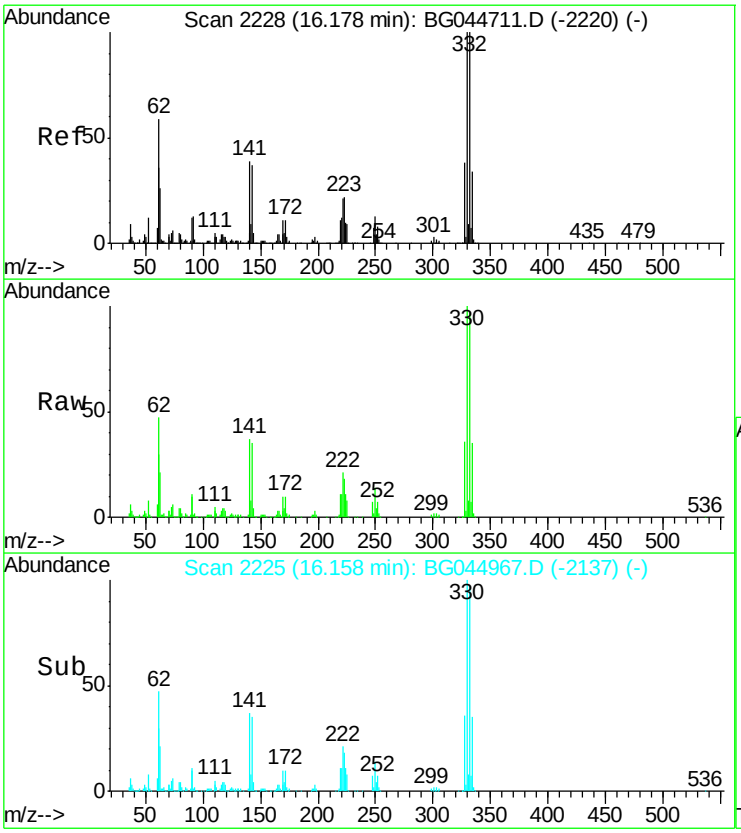
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Tgt Ion:164 Resp: 185223

Ion	Ratio	Lower	Upper
164	100		
162	98.4	76.7	115.1
160	45.1	35.0	52.4

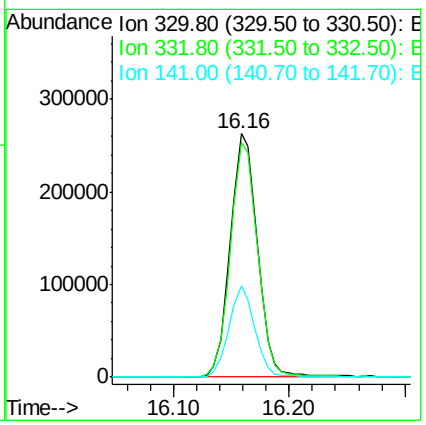


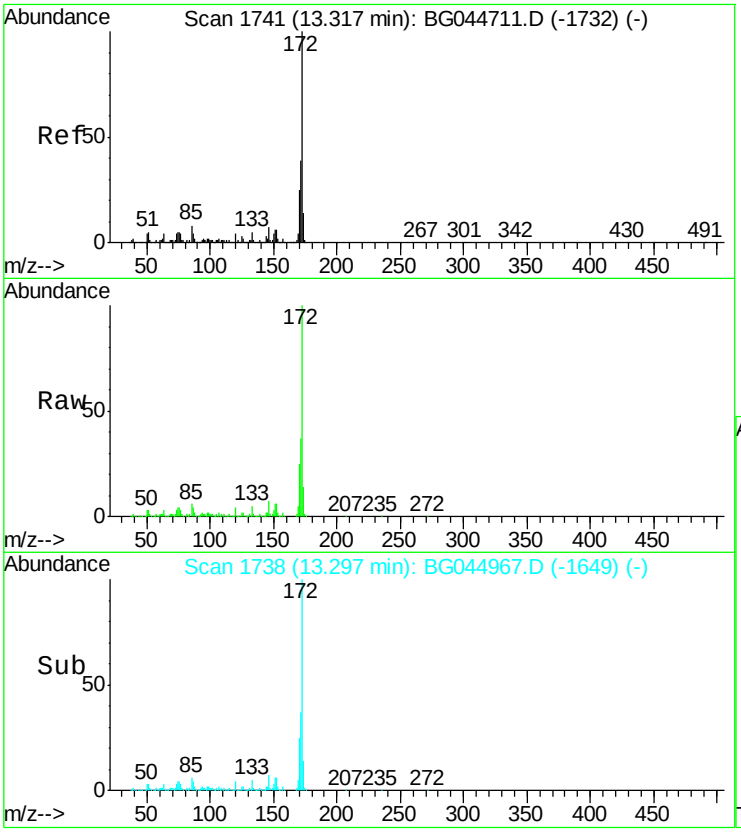


#42
2,4,6-Tribromophenol
Concen: 177.49 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Tgt Ion:330 Resp: 430459

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	35.6	29.5	44.3



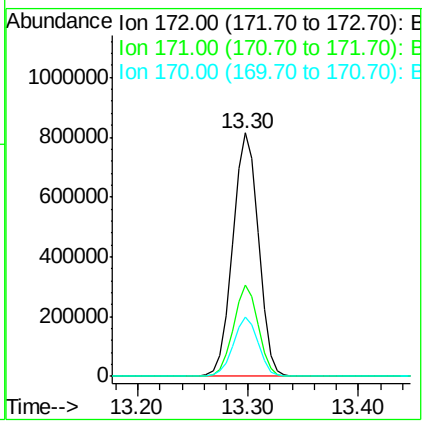


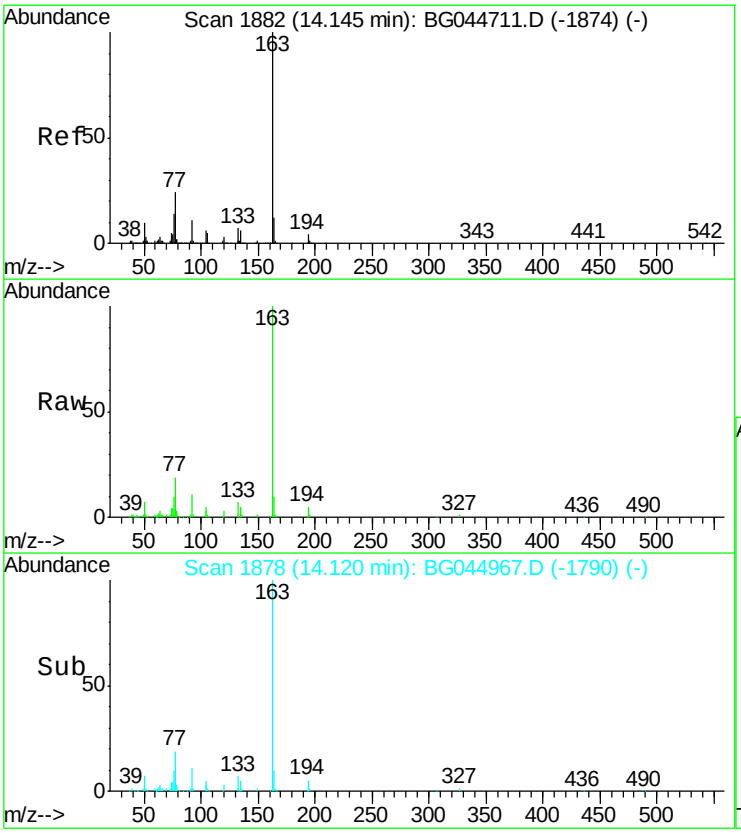
#45
2-Fluorobiphenyl
Concen: 103.25 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Tgt Ion:172 Resp: 1335506

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	24.6	19.0	28.6

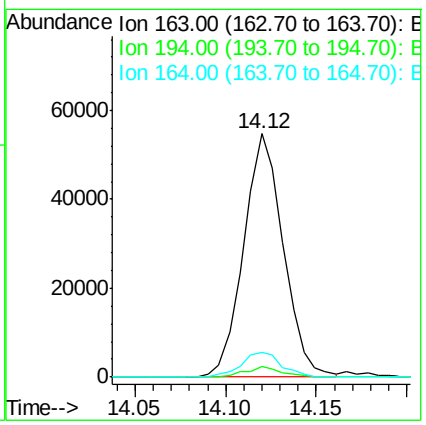


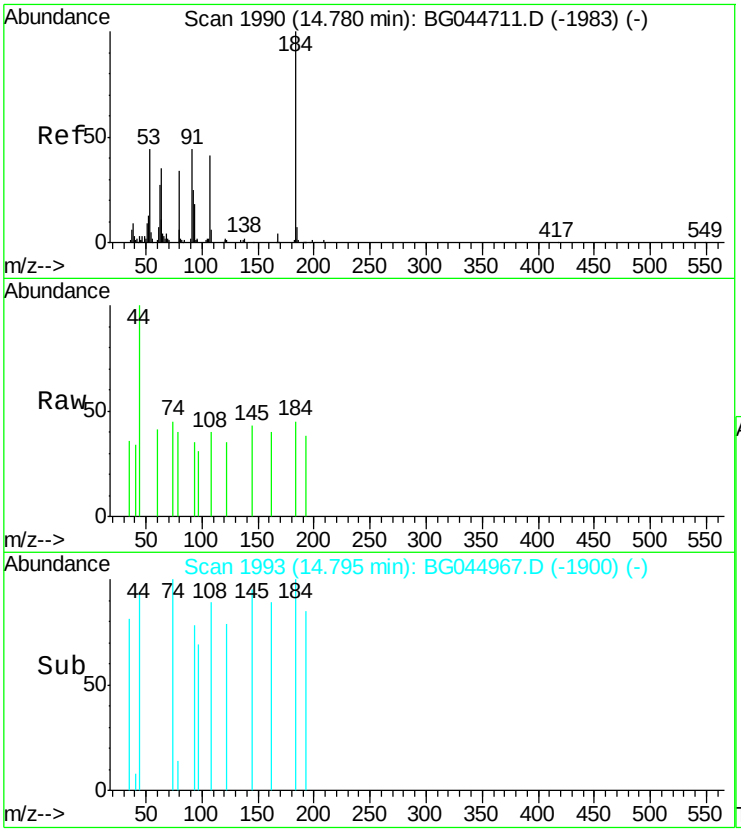


#50
Dimethylphthalate
Concen: 5.63 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Tgt Ion:163 Resp: 83042

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.0	9.1	13.7



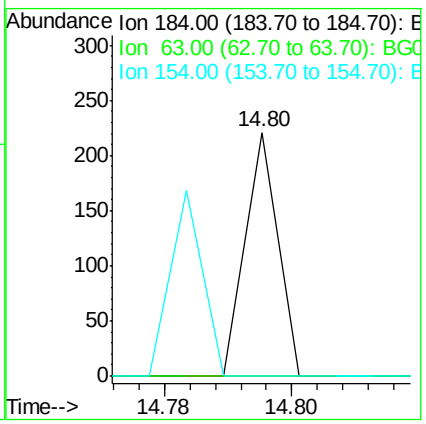


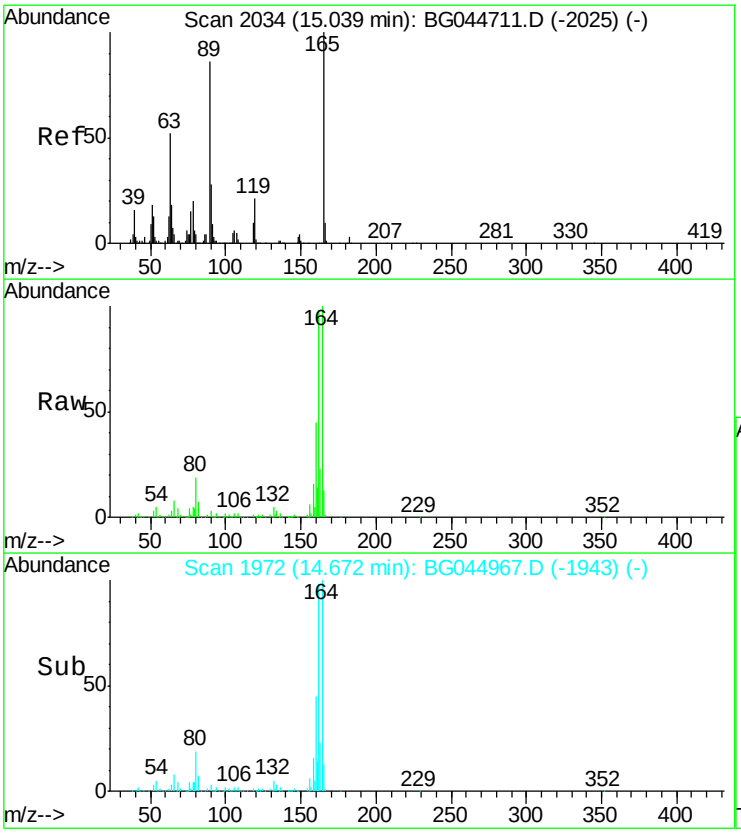
#54
2,4-Dinitrophenol
Concen: 8.37 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.02 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Tgt Ion:184 Resp: 78

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

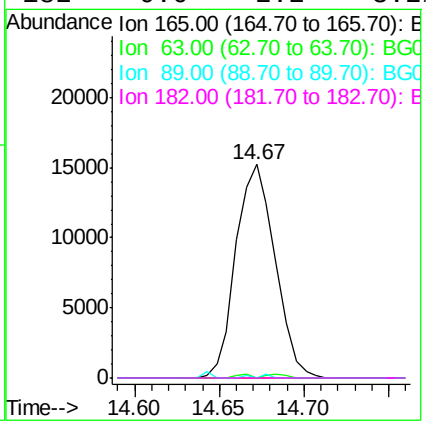


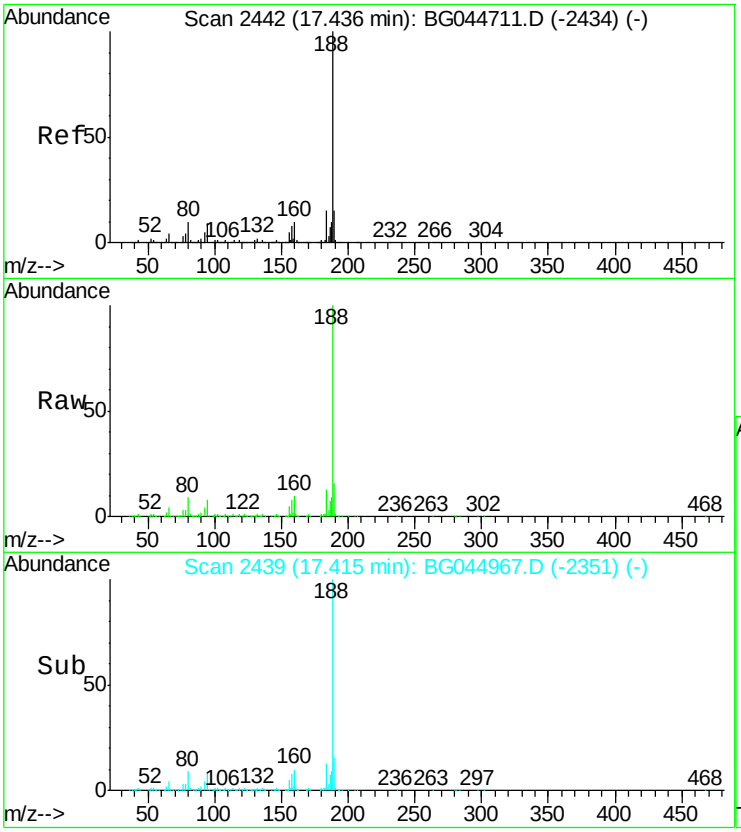


#57
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Tgt Ion:165 Resp: 24514

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#



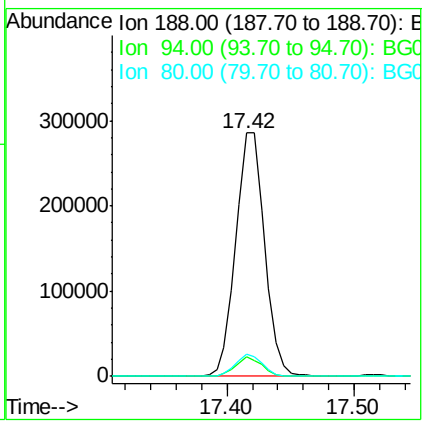


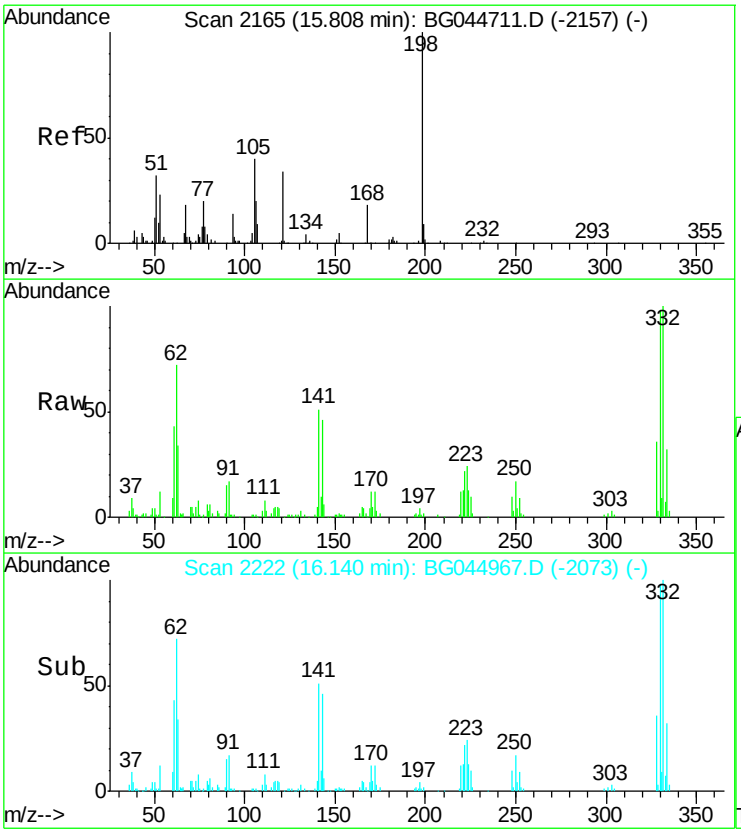
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Tgt Ion:188 Resp: 450031

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.3	10.9
80	9.1	8.0	12.0

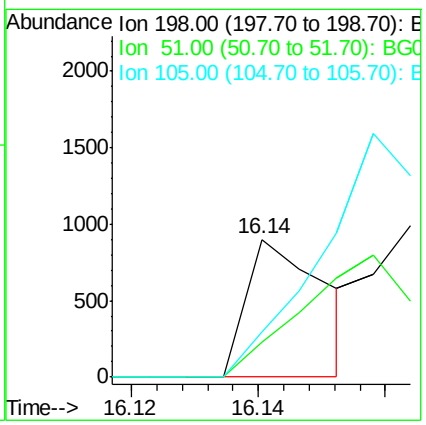


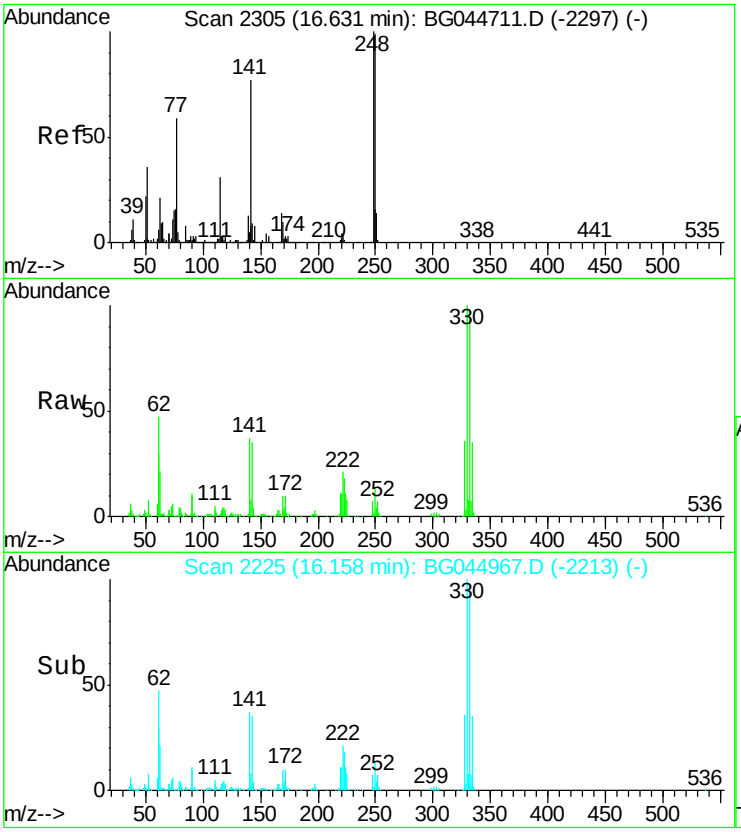


#65
4,6-Dinitro-2-methylphenol
Concen: 8.03 ng
RT: 16.14 min Scan# 2222
Delta R.T. 0.34 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Tgt Ion:198 Resp: 772

Ion	Ratio	Lower	Upper
198	100		
51	25.4	21.1	61.1
105	32.9	24.5	64.5



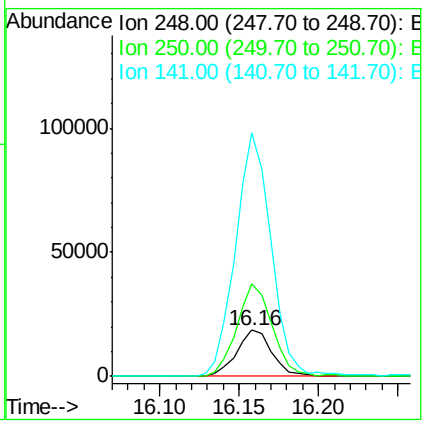


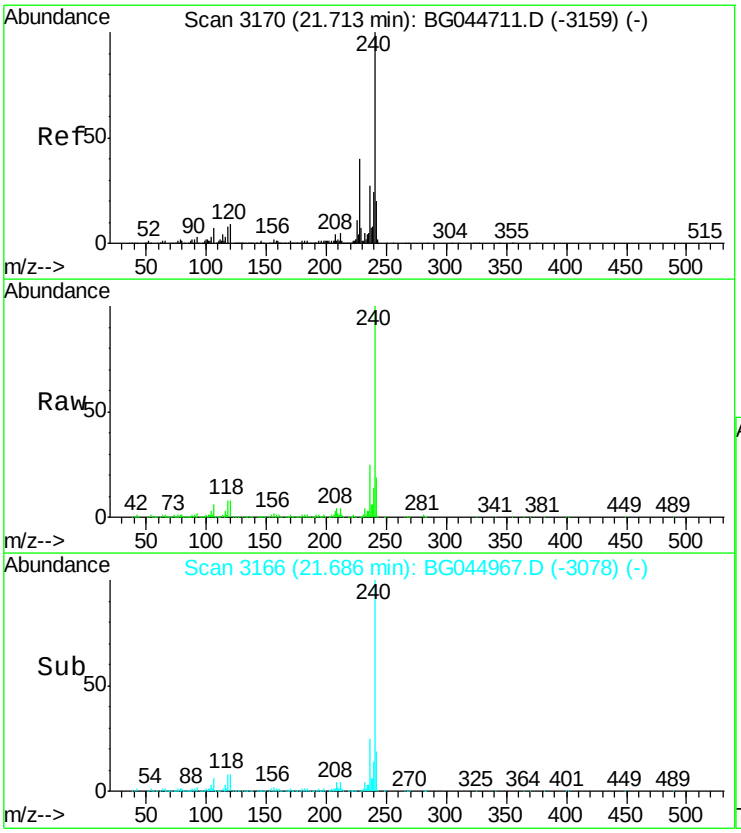
#67
4-Bromophenyl-phenylether
Concen: 5.12 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Tgt Ion:248 Resp: 28791

Ion	Ratio	Lower	Upper
248	100		
250	200.0	77.9	116.9#
141	526.8	57.5	86.3#

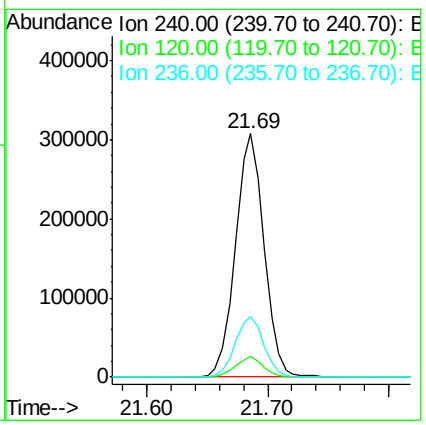


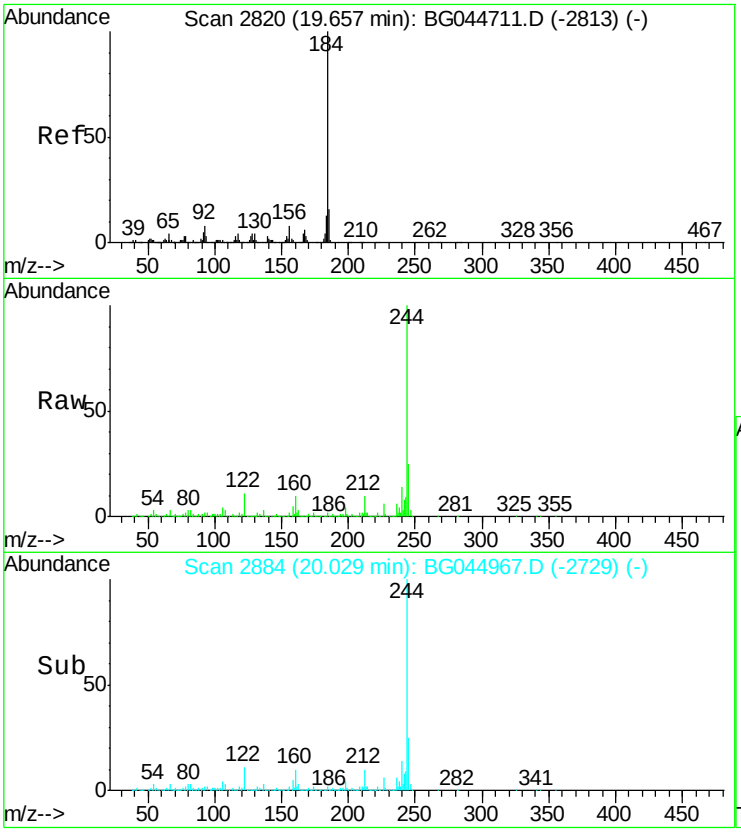


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Tgt Ion:240 Resp: 506697

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.7	10.1
236	24.9	21.5	32.3



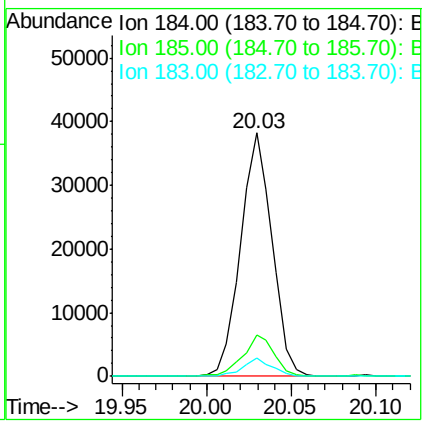


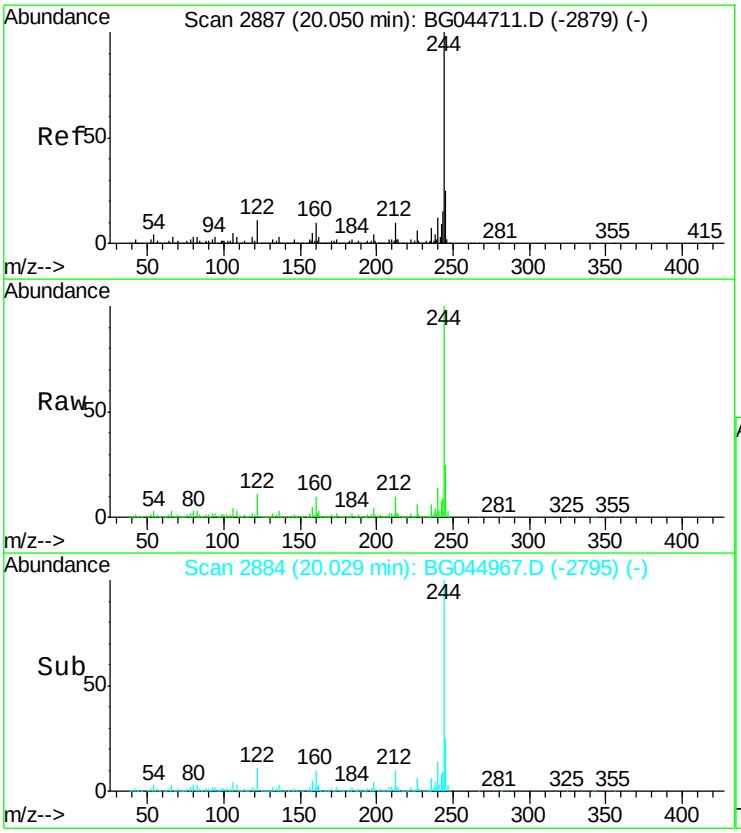
#77
Benzidine
Concen: 3.02 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Tgt Ion:184 Resp: 49632

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.2	18.4
183	7.8	10.7	16.1#

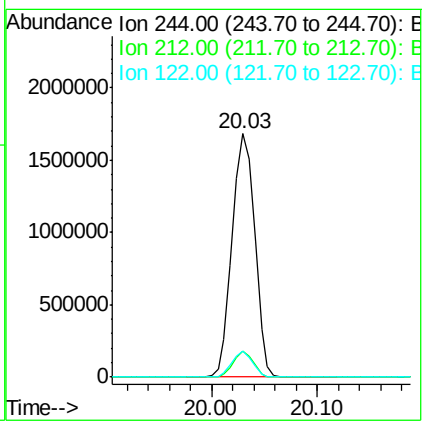


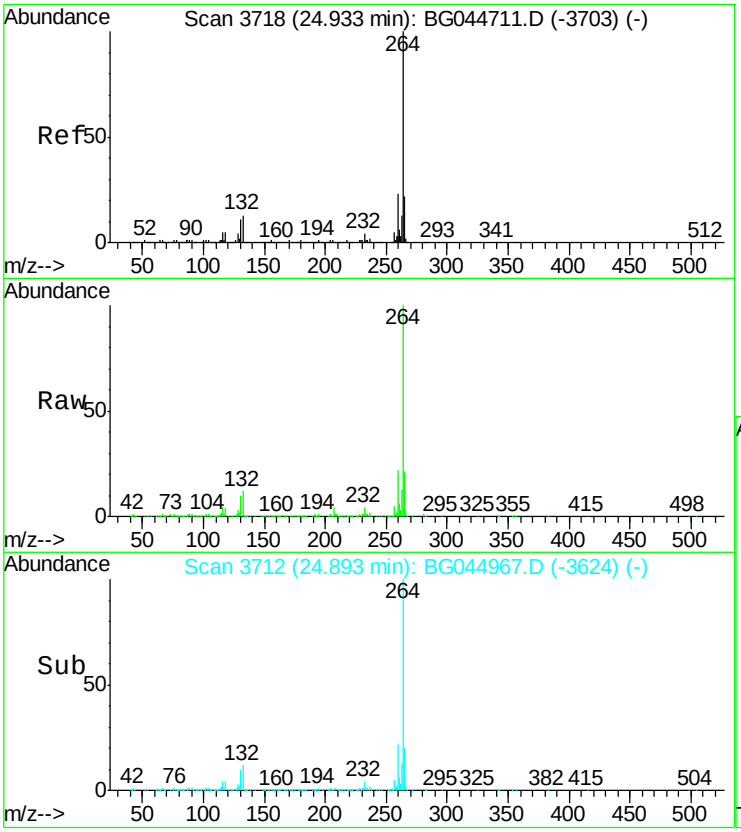


#79
Terphenyl-d14
Concen: 91.85 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Tgt Ion:244 Resp: 2488119

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.7	11.5
122	10.5	8.6	12.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG044967.D
Acq: 7 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
AU-05-040220

Tgt Ion:264 Resp: 531539

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.1	27.1
265	20.6	17.1	25.7