Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
Data File : BG044902.D
Acq On : 19 Mar 2020 18:16
Operator : CG/JU
Sample : PB127682BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127682BL

Quant Time: Mar 20 01:20:36 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	79792	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	306609	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	203022	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	473616	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	496597	20.00	ng	-0.02
87) Perylene-d12	24.89	264	549771	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	707673	138.06	ng	0.00
7) Phenol-d6	7.20	99	971570	130.46	ng	0.00
23) Nitrobenzene-d5	9.20	82	641255	91.78	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	413921	155.71	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1322522	93.29	ng	0.00
79) Terphenyl-d14	20.03	244	2335535	87.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.20	77	1935	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.20	70	86536	16.46	ng	# 75
26) 2-Nitrophenol	9.71	139	64	5.54	ng	# 28
51) 2,6-Dinitrotoluene	14.67	165	26599	8.16	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	26599	5.95	ng	# 25
65) 4,6-Dinitro-2-methylphenol	15.75	198	65	7.75	ng	# 19
67) 4-Bromophenyl-phenylether	16.16	248	28492	4.81	ng	# 1
77) Benzidine	20.03	184	46276	2.87	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
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Acq On : 19 Mar 2020 18:16
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BNA_G
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PB127682BL

Quant Time: Mar 20 01:20:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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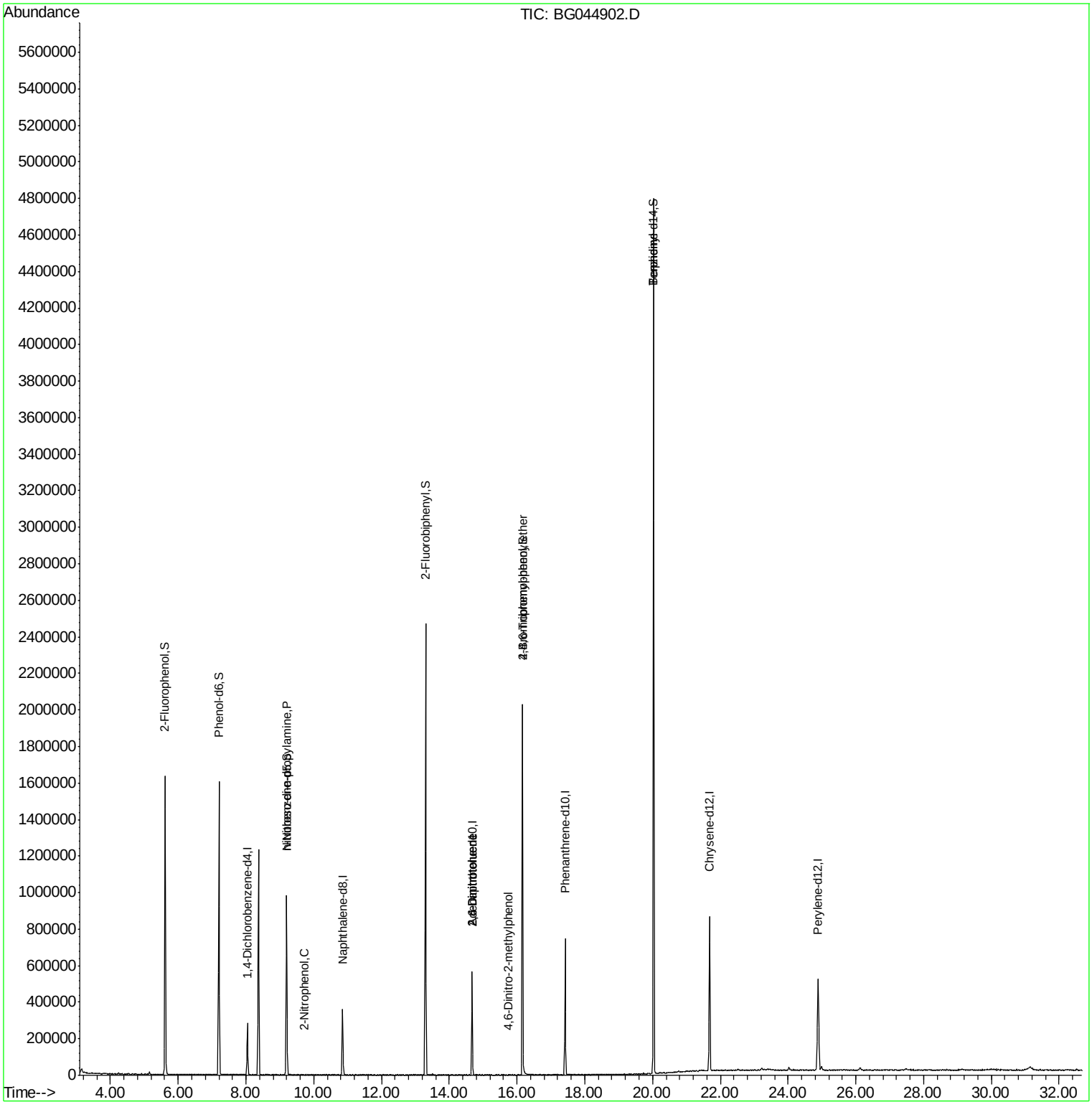
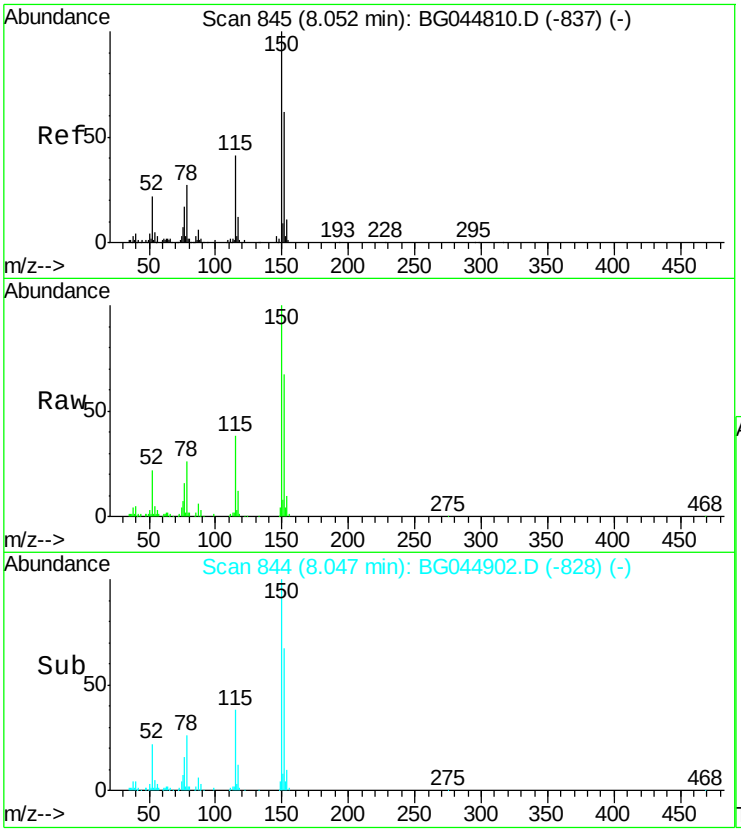


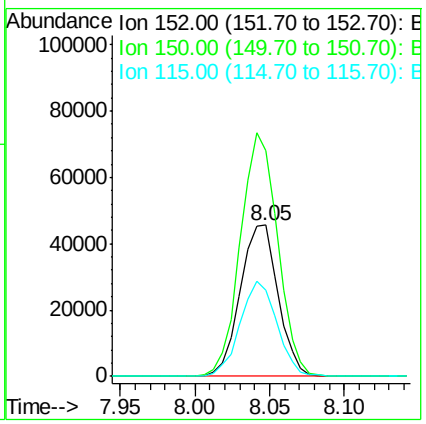


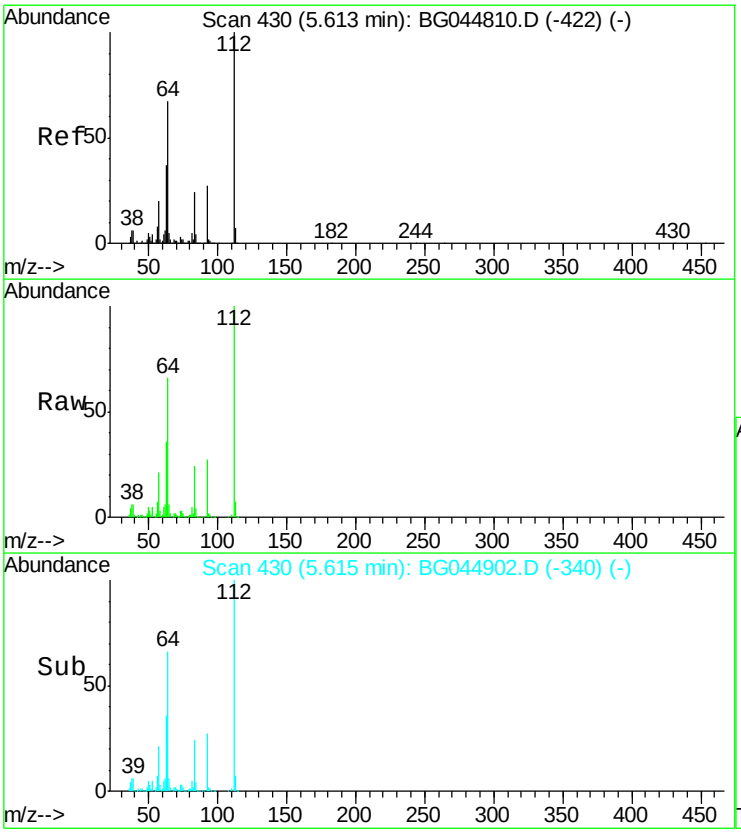
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tgt Ion:152 Resp: 79792

Ion	Ratio	Lower	Upper
152	100		
150	149.7	128.8	193.2
115	57.2	52.6	79.0

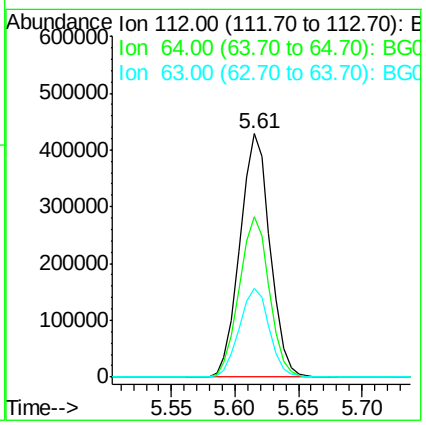


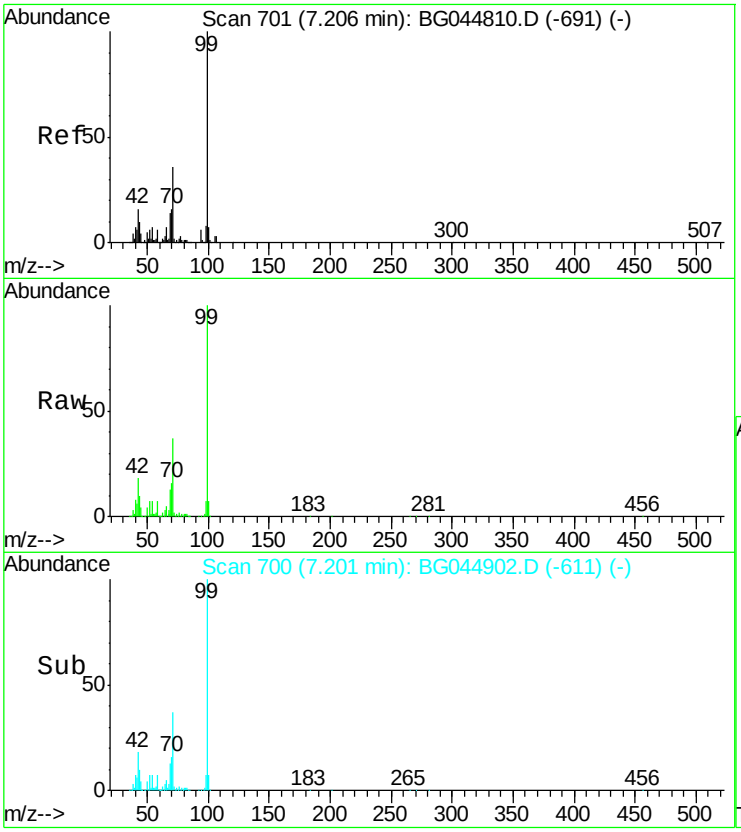


#5
2-Fluorophenol
Concen: 138.06 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Tgt Ion:112 Resp: 707673

Ion	Ratio	Lower	Upper
112	100		
64	66.1	53.4	80.2
63	36.4	29.4	44.2



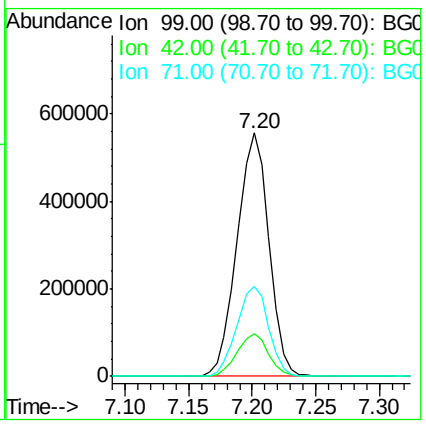


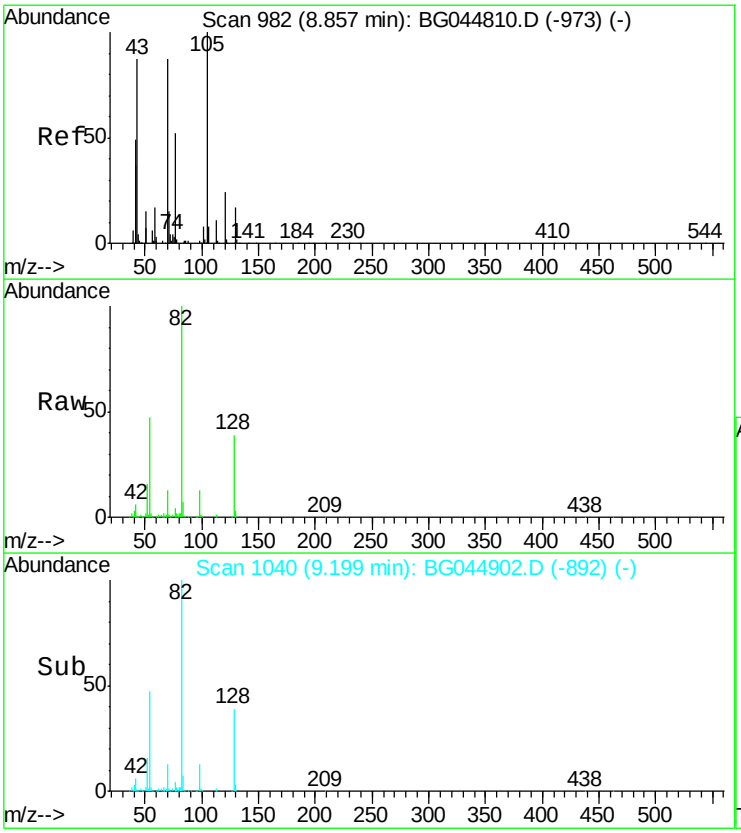
#7
Phenol-d6
Concen: 130.46 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tgt Ion: 99 Resp: 971570

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.6	19.0
71	37.0	29.0	43.4

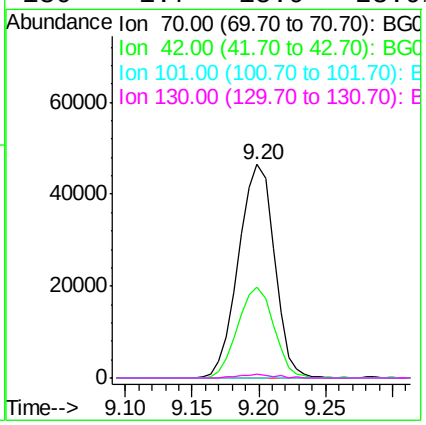


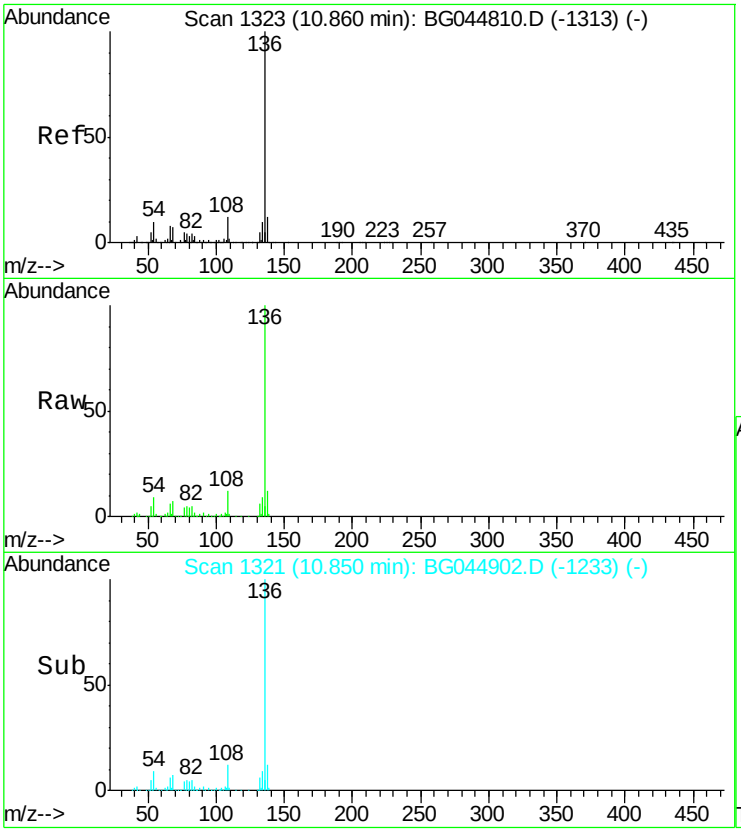


#19
n-Nitroso-di-n-propylamine
Concen: 16.46 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Tgt Ion: 70 Resp: 86536

Ion	Ratio	Lower	Upper
70	100		
42	42.3	45.7	68.5#
101	0.0	7.4	11.2#
130	1.7	15.9	23.9#



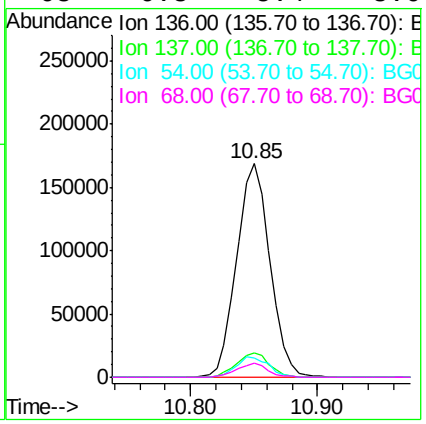


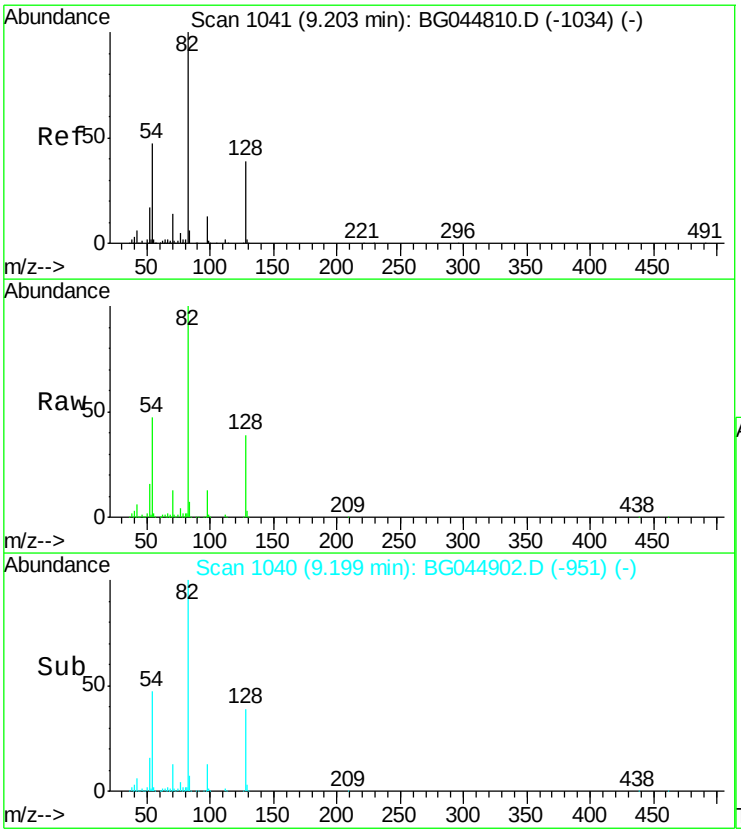
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tgt Ion:136 Resp: 306609

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.6
54	8.8	7.9	11.9
68	6.8	5.4	8.0

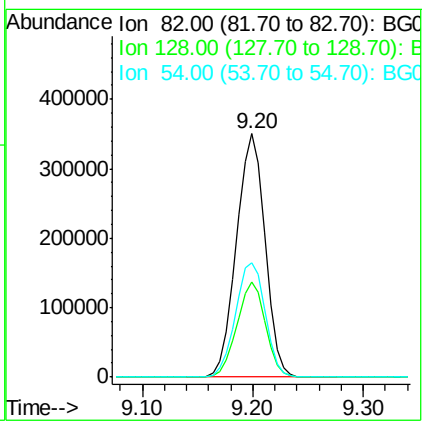


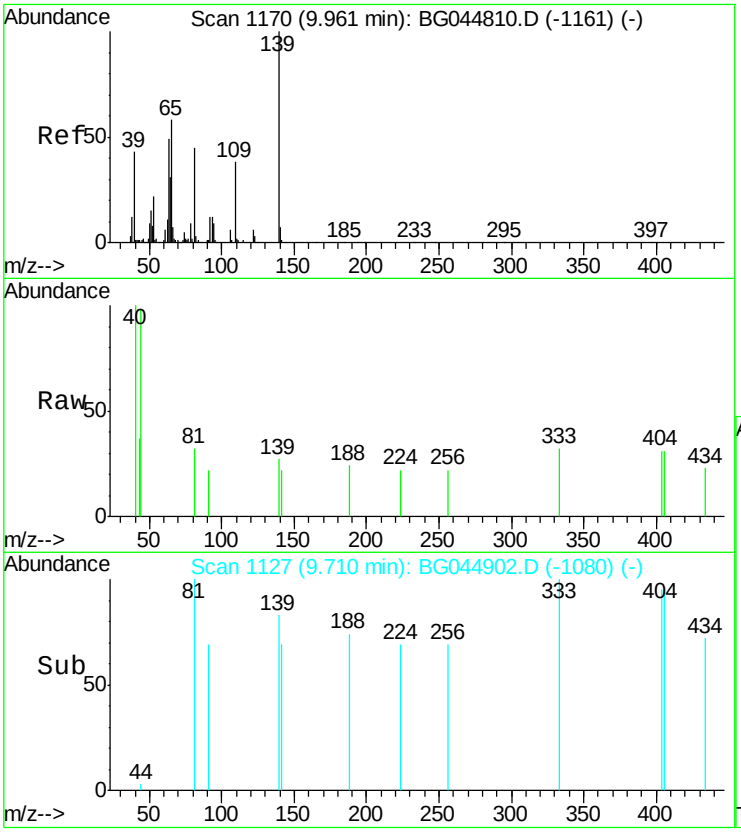


#23
Nitrobenzene-d5
Concen: 91.78 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Tgt Ion: 82 Resp: 641255

Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.6	46.0
54	47.1	37.1	55.7



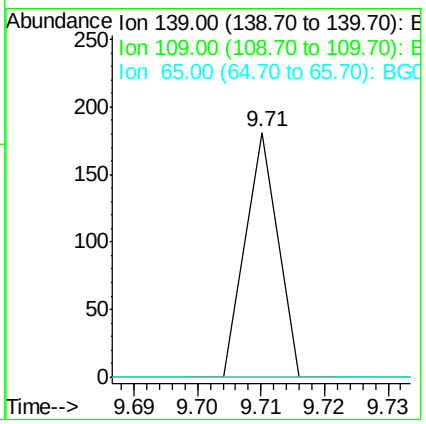


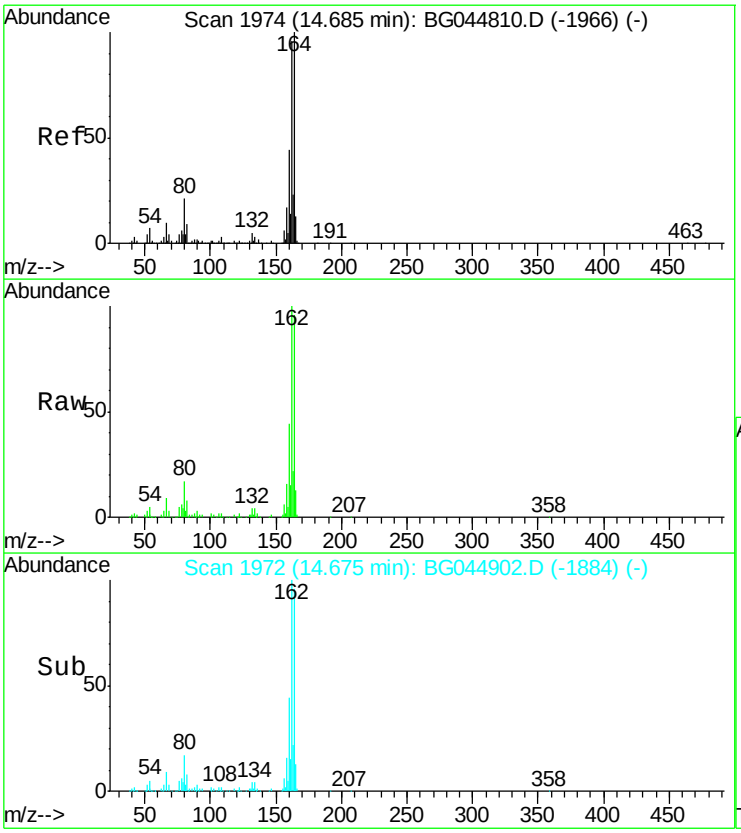
#26
2-Nitrophenol
Concen: 5.54 ng
RT: 9.71 min Scan# 1127
Delta R.T. -0.25 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tgt Ion:139 Resp: 64

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

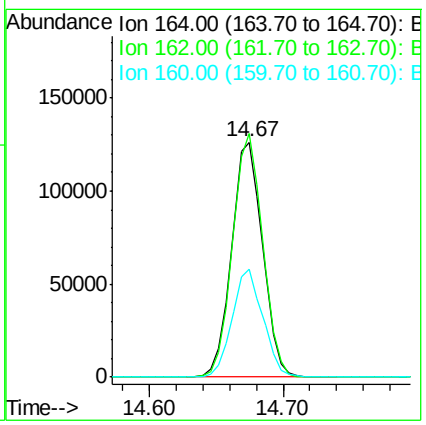


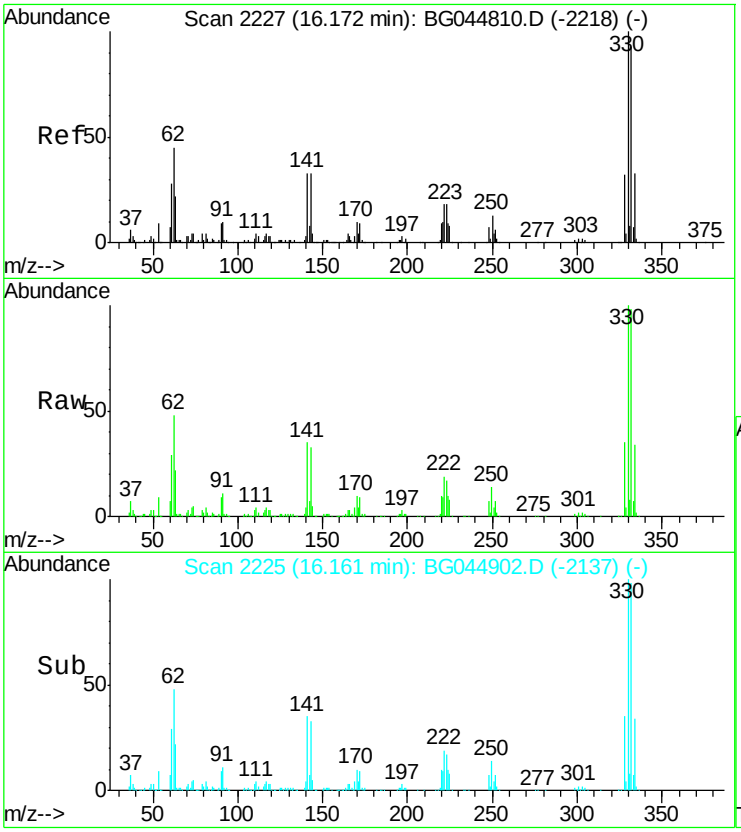


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Tgt Ion:164 Resp: 203022

Ion	Ratio	Lower	Upper
164	100		
162	103.6	76.7	115.1
160	45.7	35.0	52.4



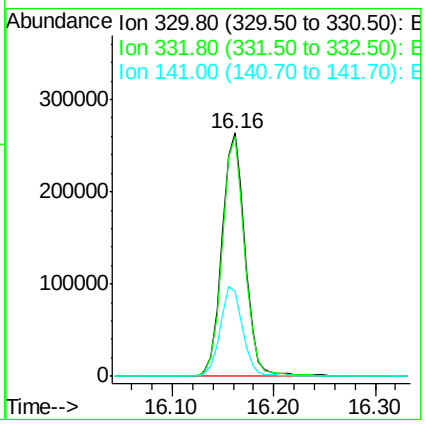


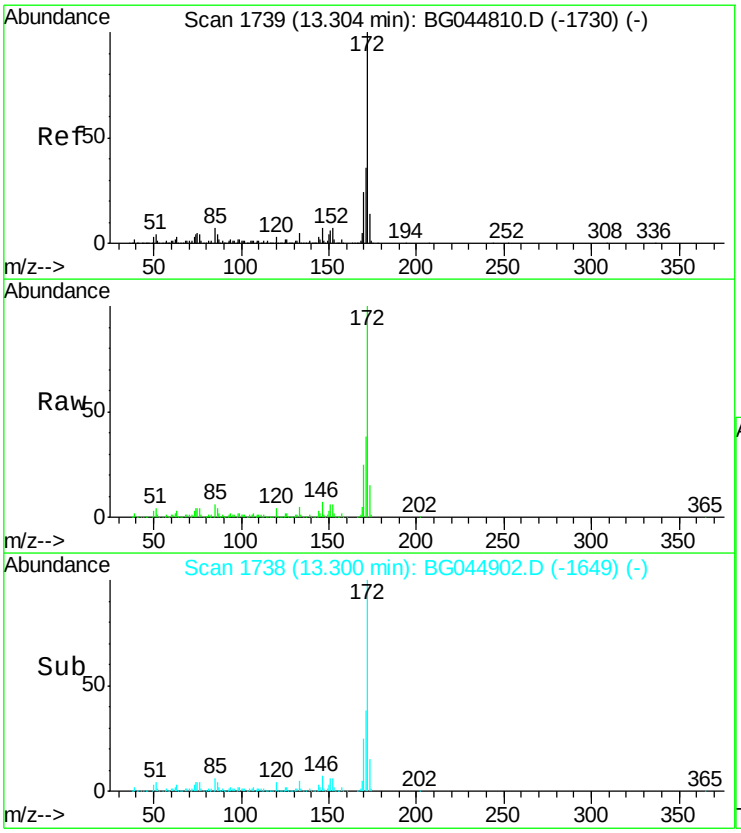
#42
2,4,6-Tribromophenol
Concen: 155.71 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tgt Ion:330 Resp: 413921

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.6
141	36.2	29.5	44.3

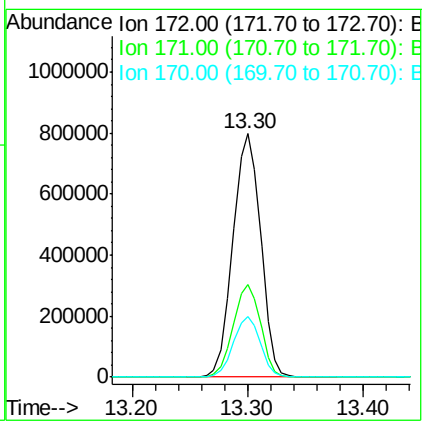


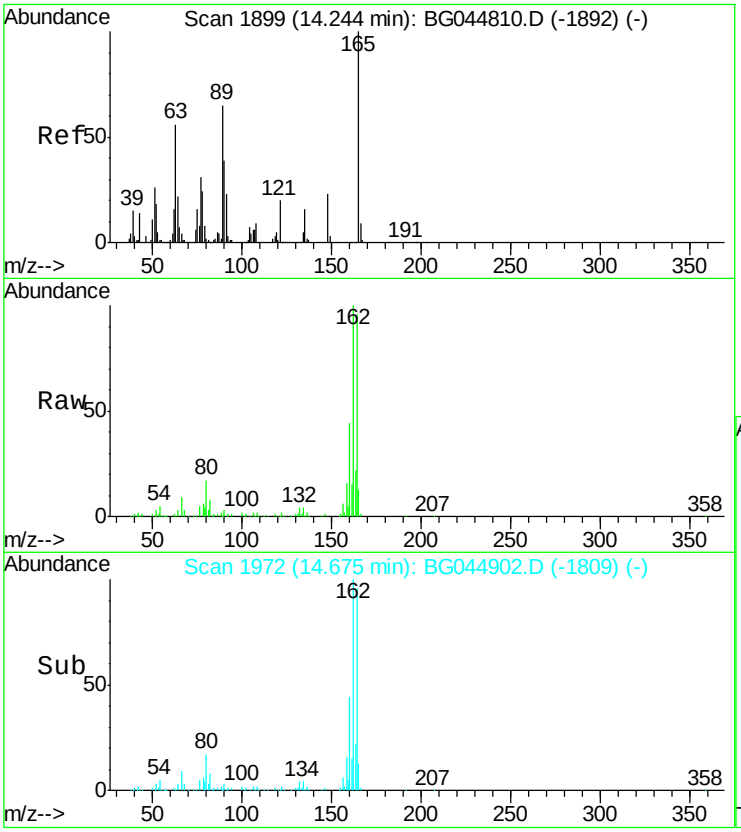


#45
2-Fluorobiphenyl
Concen: 93.29 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Tgt Ion:172 Resp: 1322522

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.7	43.1
170	24.6	19.0	28.6



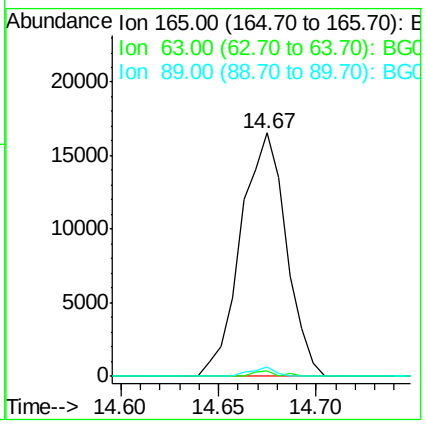


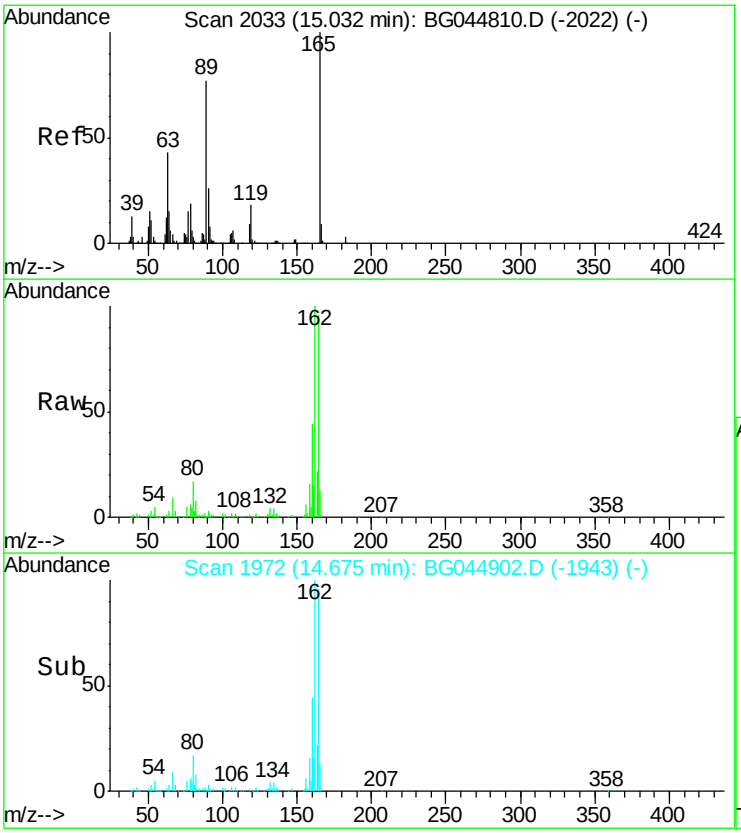
#51
2,6-Dinitrotoluene
Concen: 8.16 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.43 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tgt Ion:165 Resp: 26599

Ion	Ratio	Lower	Upper
165	100		
63	2.3	45.8	68.8#
89	3.8	51.8	77.6#

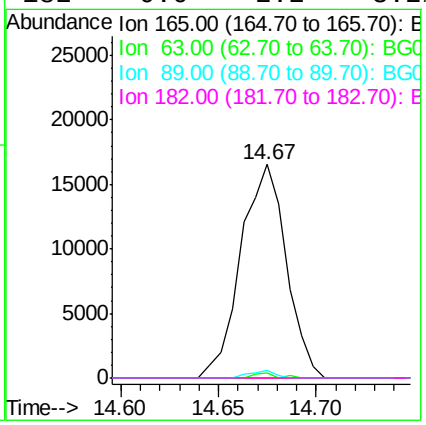


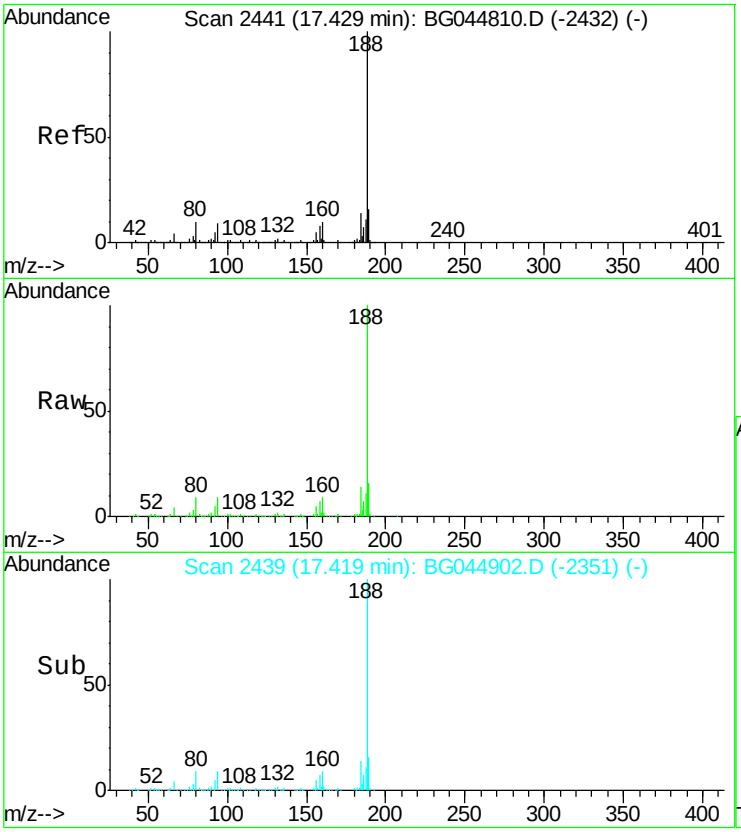


#57
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Tgt Ion:165 Resp: 26599

Ion	Ratio	Lower	Upper
165	100		
63	2.3	34.6	52.0#
89	3.8	61.3	91.9#
182	0.0	2.2	3.2#



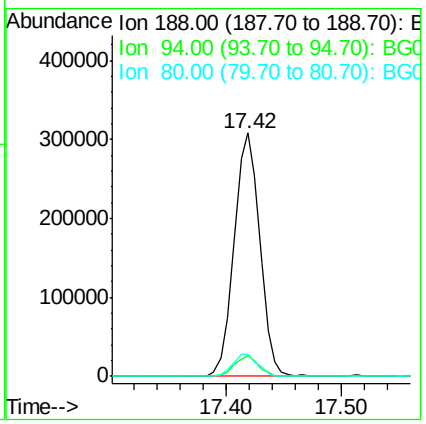


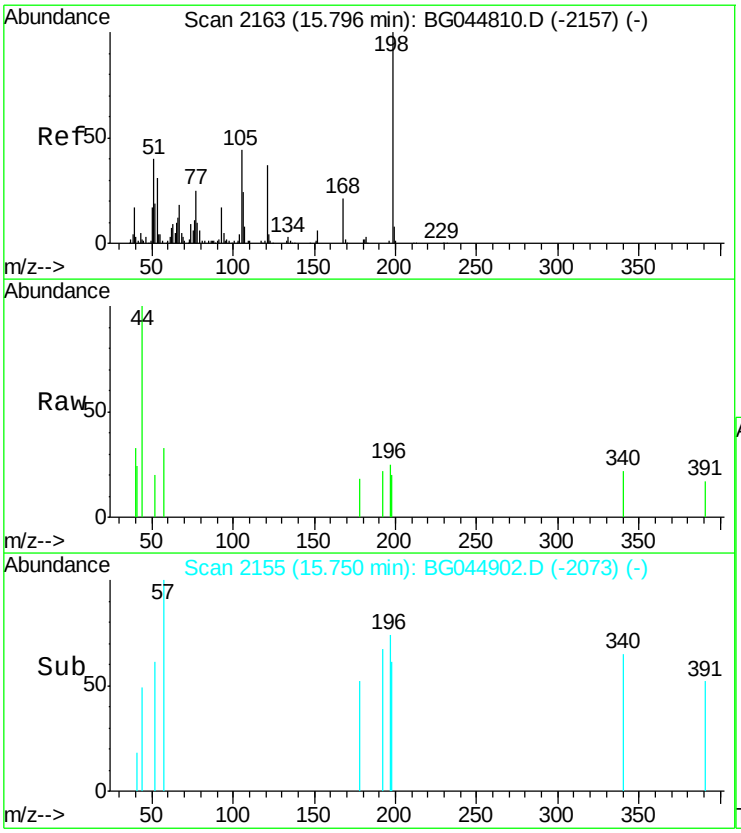
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tgt Ion:188 Resp: 473616

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	8.9	8.0	12.0

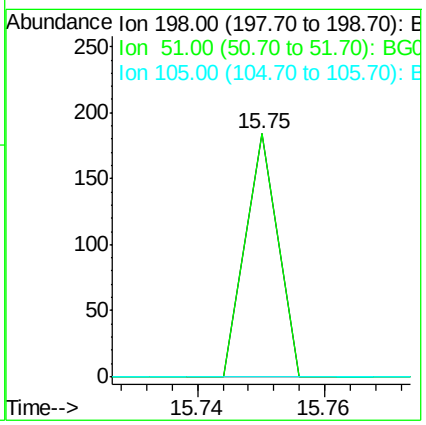


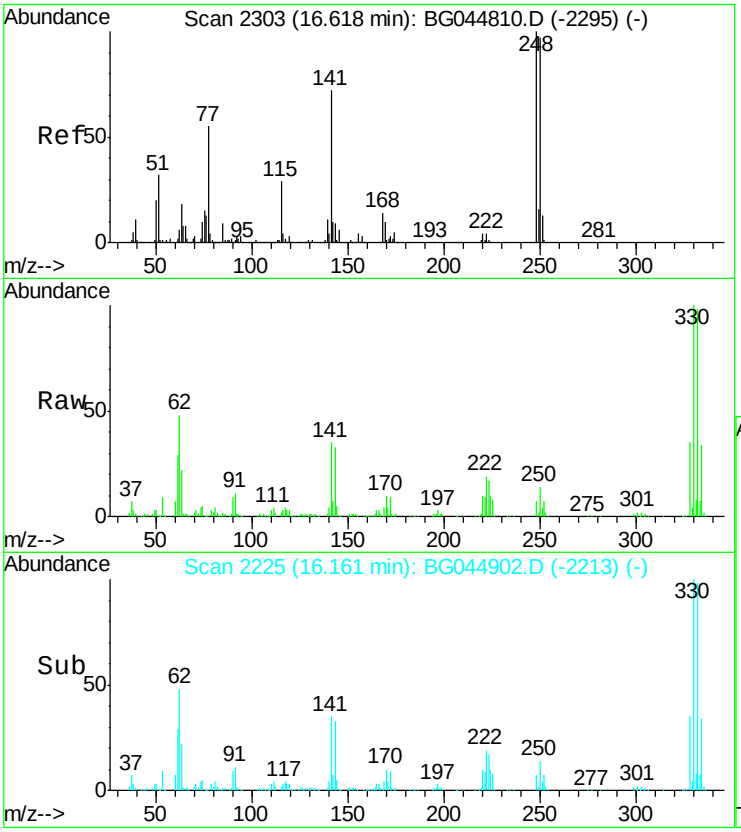


#65
4,6-Dinitro-2-methylphenol
Concen: 7.75 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.05 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Tgt Ion:198 Resp: 65

Ion	Ratio	Lower	Upper
198	100		
51	100.0	21.1	61.1#
105	0.0	24.5	64.5#



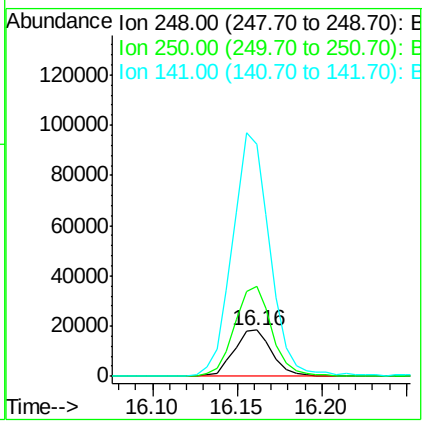


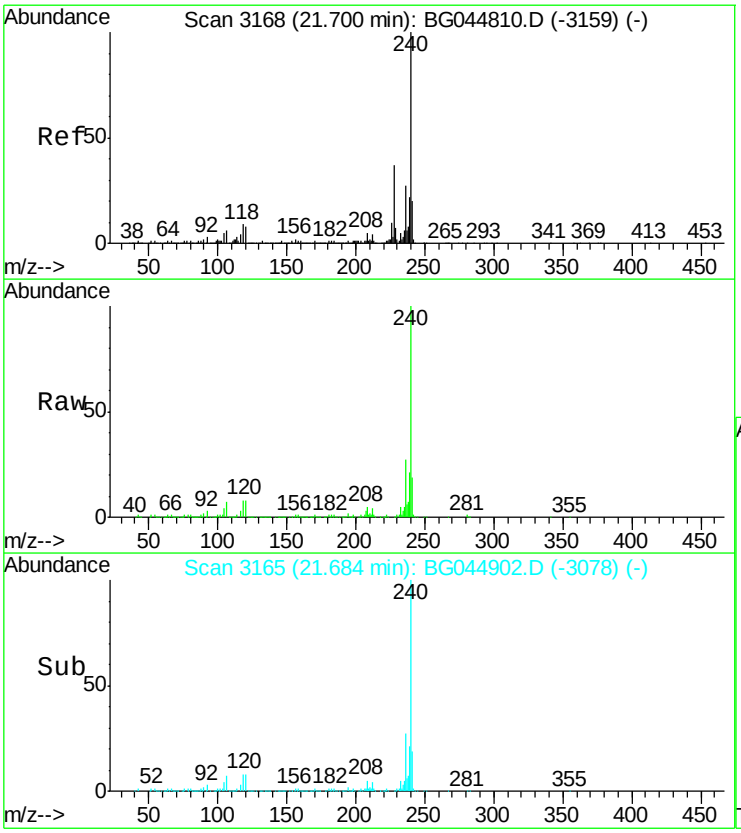
#67
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tgt Ion:248 Resp: 28492

Ion	Ratio	Lower	Upper
248	100		
250	194.1	77.9	116.9#
141	500.3	57.5	86.3#

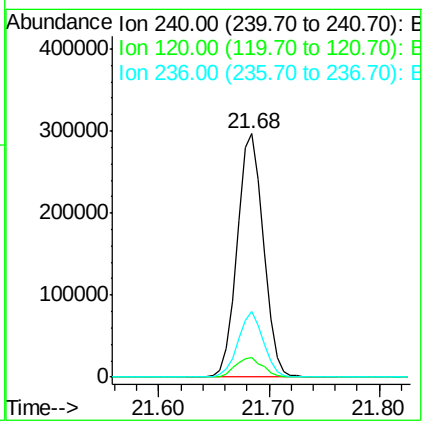


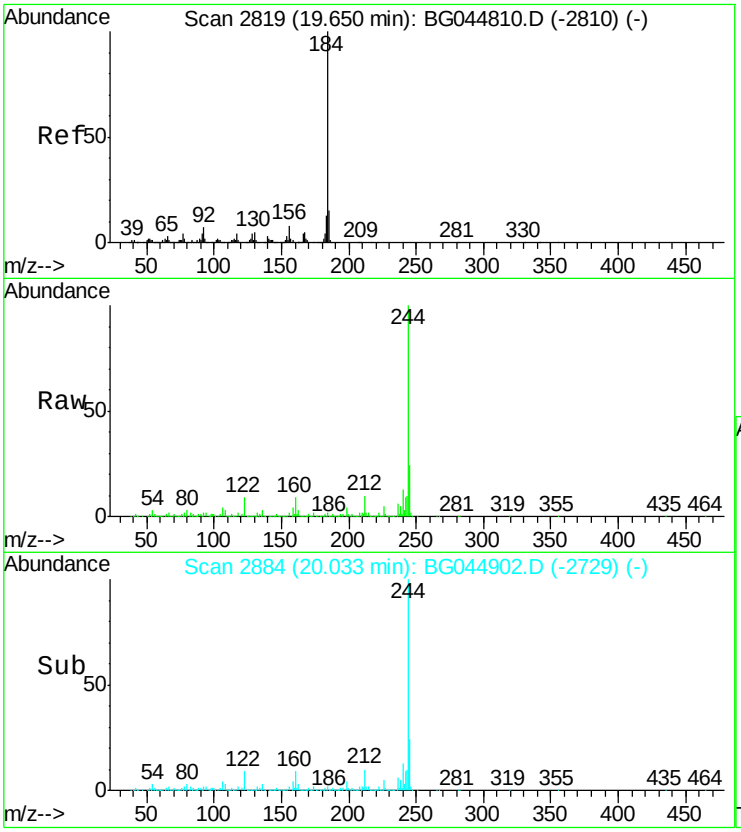


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Tgt Ion:240 Resp: 496597

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.7	10.1
236	27.0	21.5	32.3



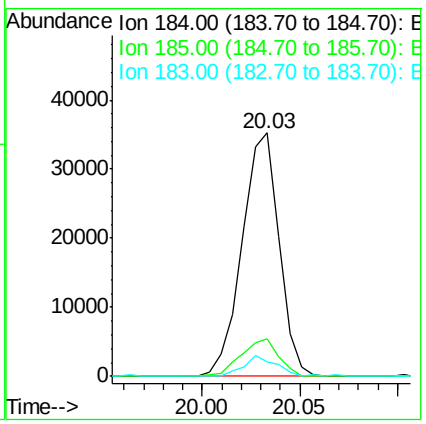


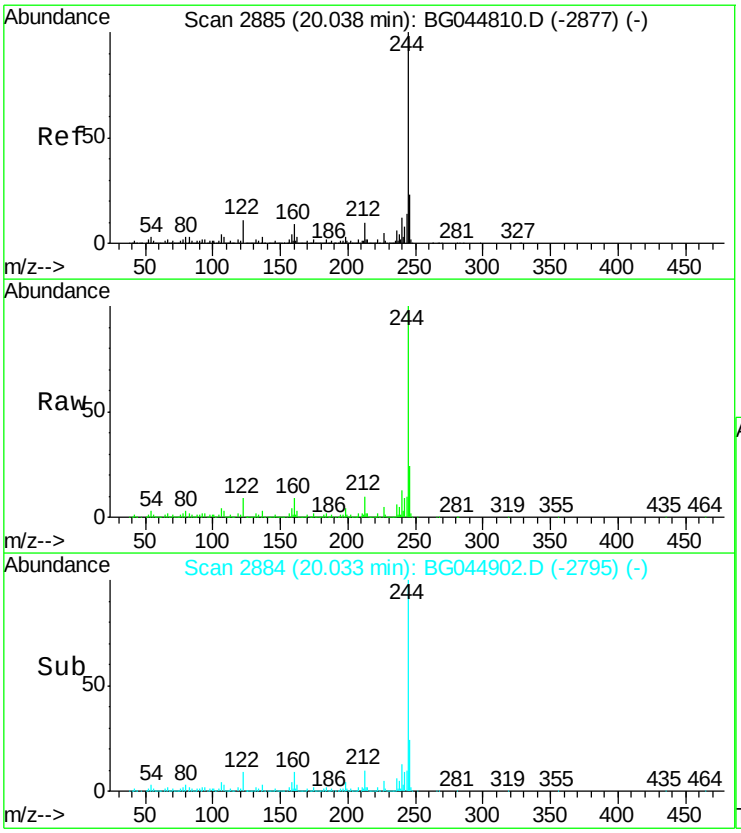
#77
Benzidine
Concen: 2.87 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.38 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tgt Ion:184 Resp: 46276

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.4
183	5.9	10.7	16.1#

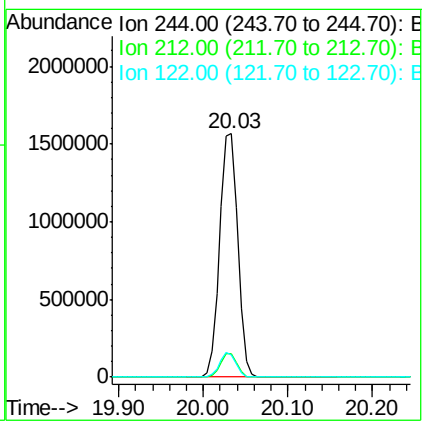


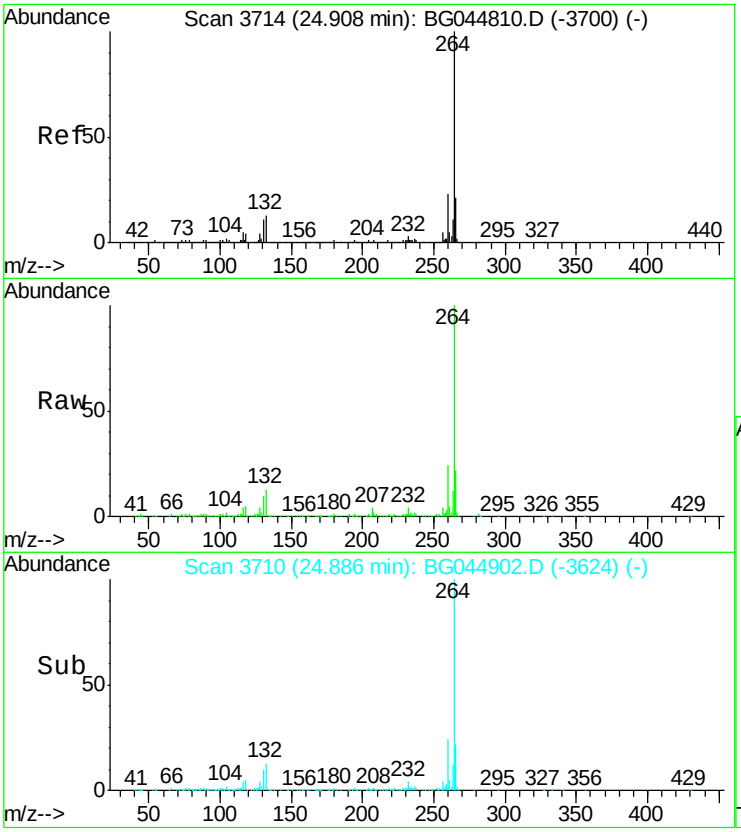


#79
Terphenyl-d14
Concen: 87.97 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044902.D
Acq: 19 Mar 2020 18:16

Tgt Ion:244 Resp: 2335535

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.7	11.5
122	9.3	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: BG044902.D
Acq: 19 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :
PB127682BL

Tgt Ion:264 Resp: 549771

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.1	27.1
265	21.8	17.1	25.7