Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040875.D
Acq On : 11 May 2019 16:03
Operator : HP/JU
Sample : PB119647BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119647BL

Quant Time: May 12 04:57:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	49908	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	202104	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	152014	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	417131	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	444711	20.00	ng	-0.04
87) Perylene-d12	25.14	264	469382	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	374198	132.17	ng	-0.02
7) Phenol-d6	7.27	99	549194	125.98	ng	-0.02
23) Nitrobenzene-d5	9.31	82	363717	83.16	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	292908	140.18	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	860608	81.76	ng	-0.03
79) Terphenyl-d14	20.10	244	1689756	84.18	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.27	77	1202	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.31	70	52878	13.475	ng	# 67
51) 2,6-Dinitrotoluene	14.76	165	20464	8.244	ng	# 13
54) 2,4-Dinitrophenol	14.70	184	72	7.062	ng	# 21
57) 2,4-Dinitrotoluene	14.76	165	20464	6.067	ng	# 15
65) 4,6-Dinitro-2-methylphenol	16.24	198	896	7.473	ng	# 67
67) 4-Bromophenyl-phenylether	16.24	248	21198	4.079	ng	# 1
77) Benzidine	20.10	184	28512	2.342	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
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Acq On : 11 May 2019 16:03
Operator : HP/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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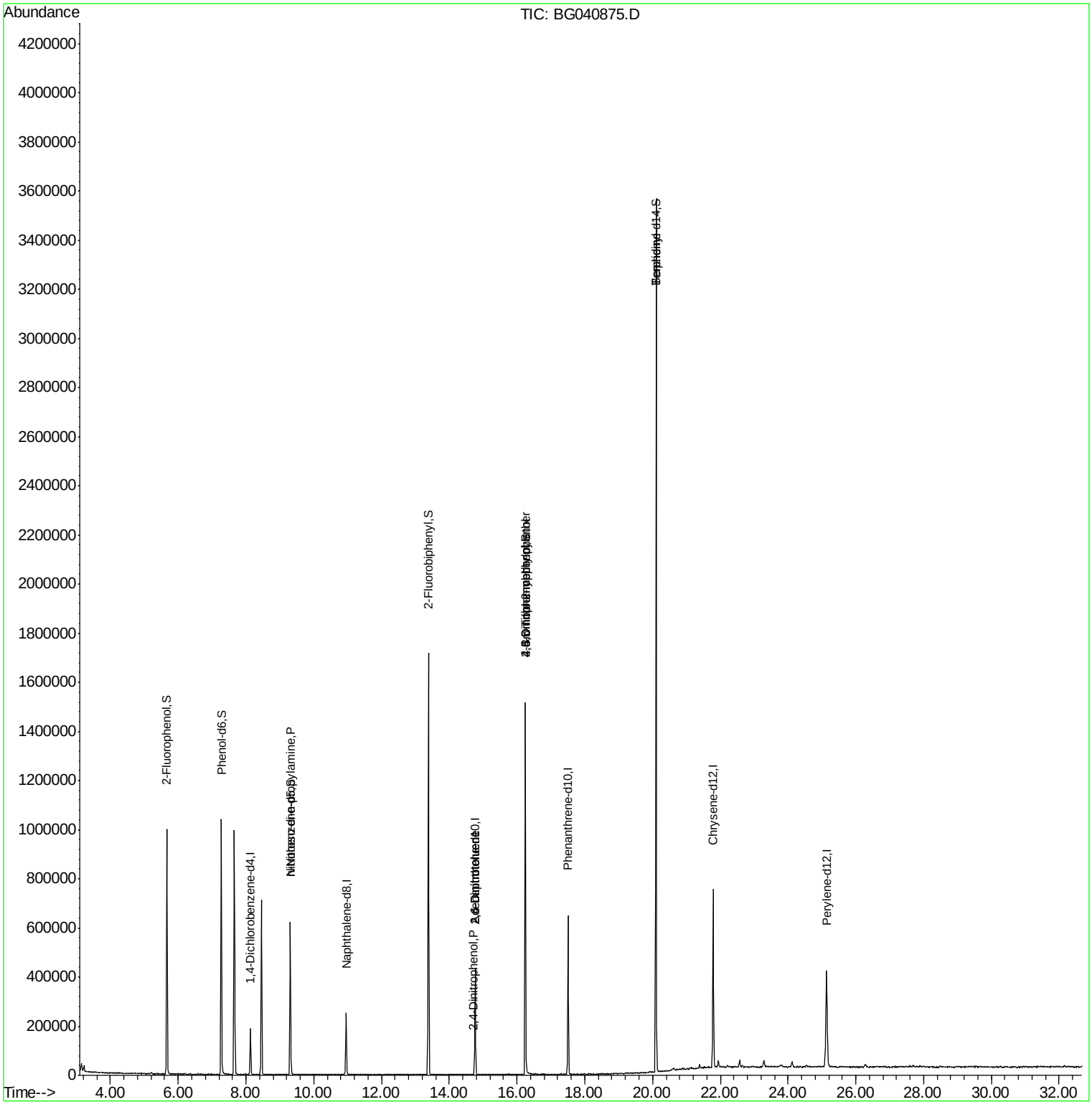
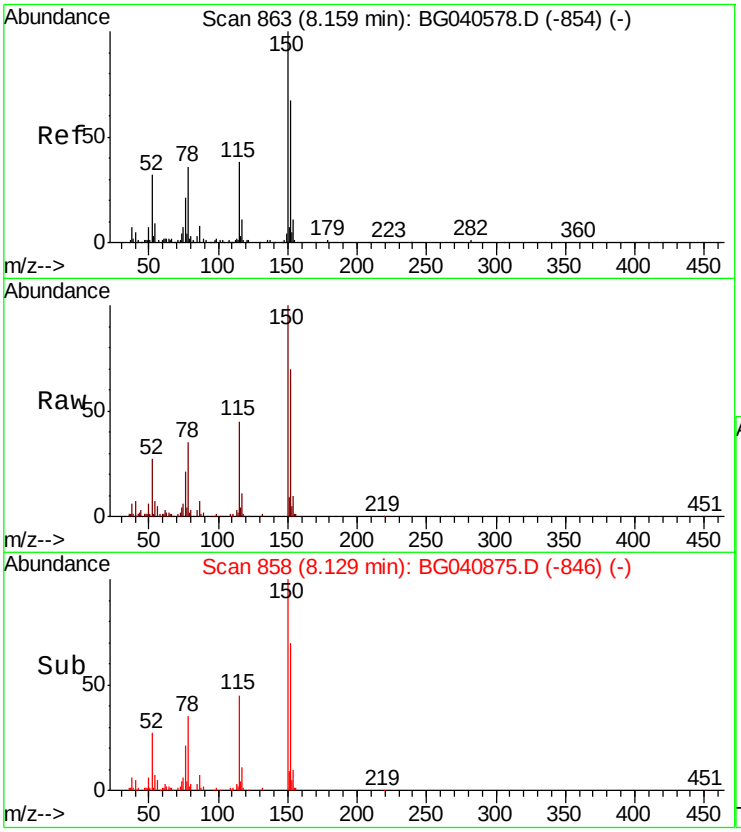


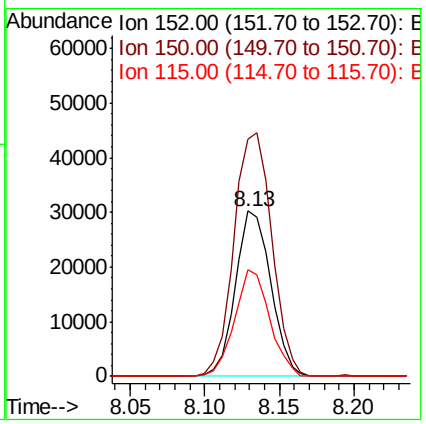


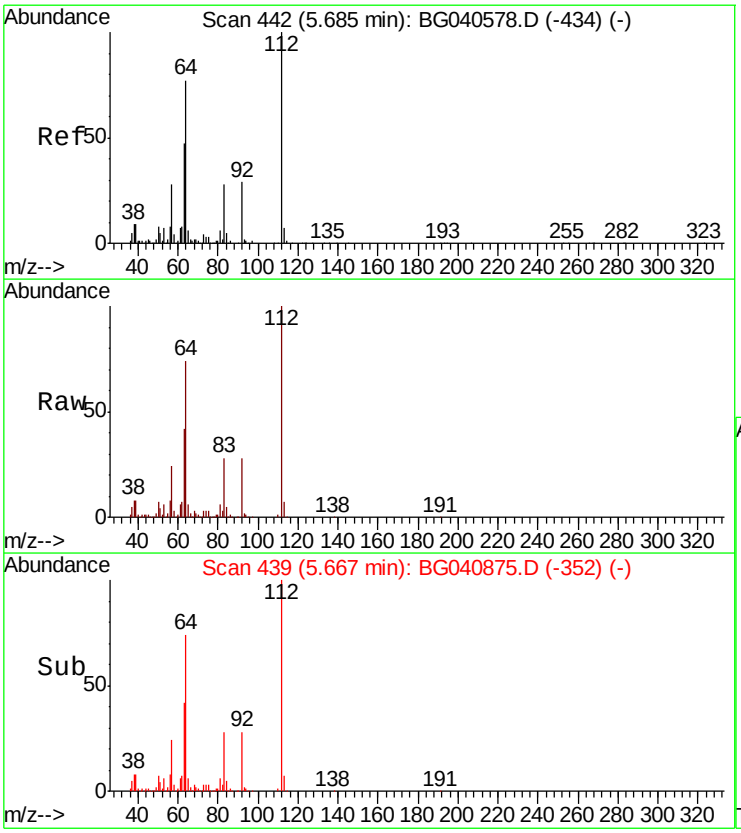
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion:152 Resp: 49908

Ion	Ratio	Lower	Upper
152	100		
150	143.5	120.2	180.2
115	64.3	46.2	69.2

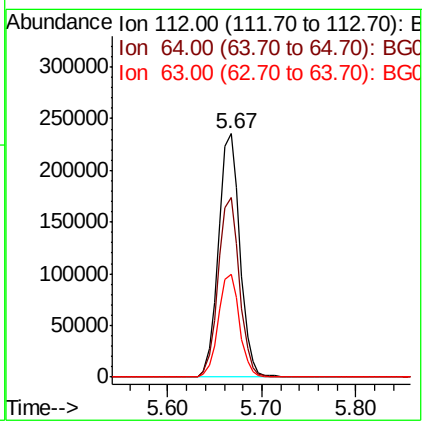


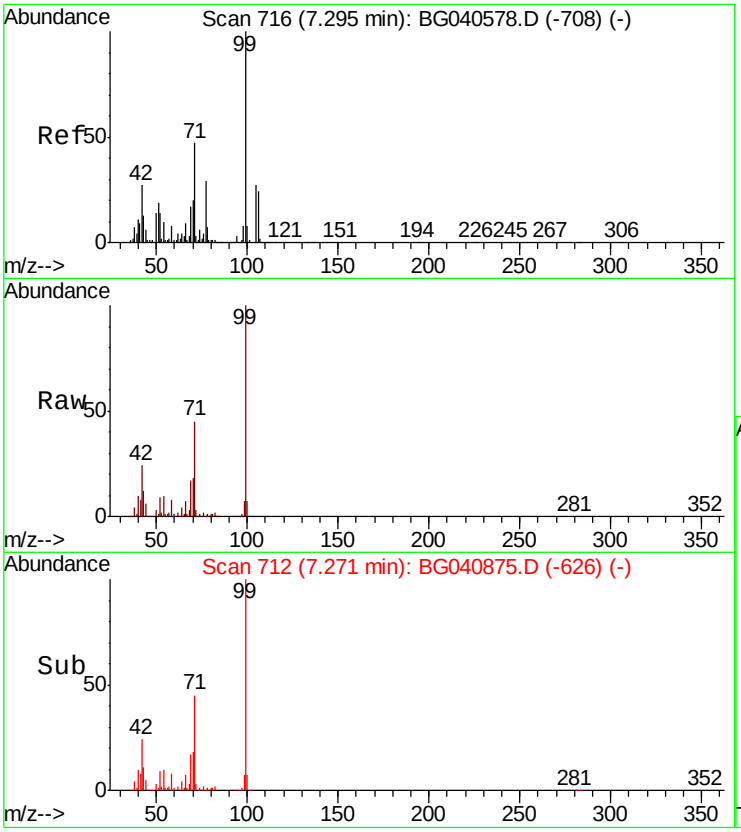


#5
2-Fluorophenol
Concen: 132.168 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.02 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Tgt Ion:112 Resp: 374198

Ion	Ratio	Lower	Upper
112	100		
64	73.8	61.4	92.0
63	42.3	37.8	56.6



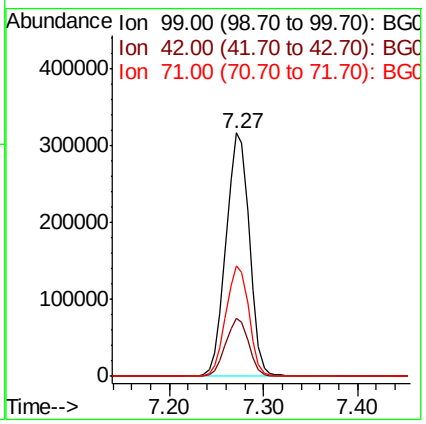


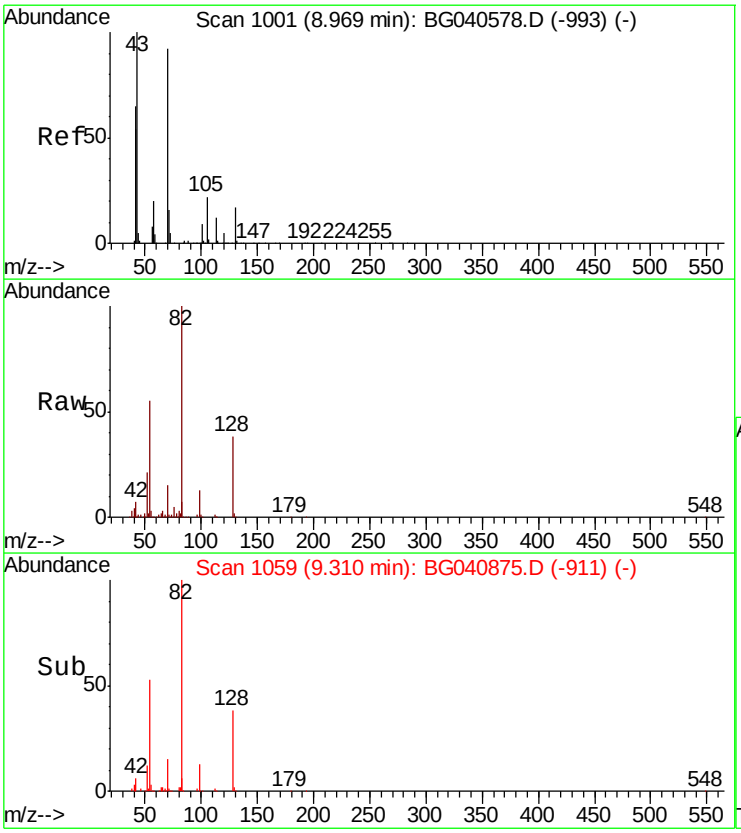
#7
Phenol-d6
Concen: 125.982 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion: 99 Resp: 549194

Ion	Ratio	Lower	Upper
99	100		
42	23.9	21.8	32.8
71	45.3	38.6	57.8

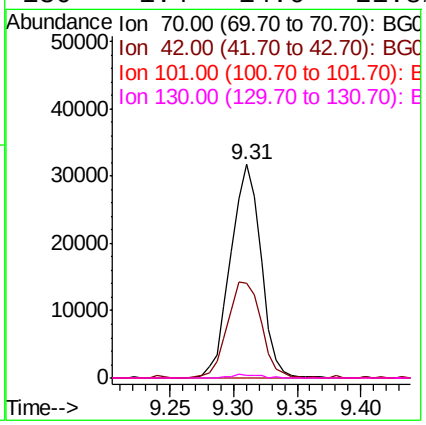


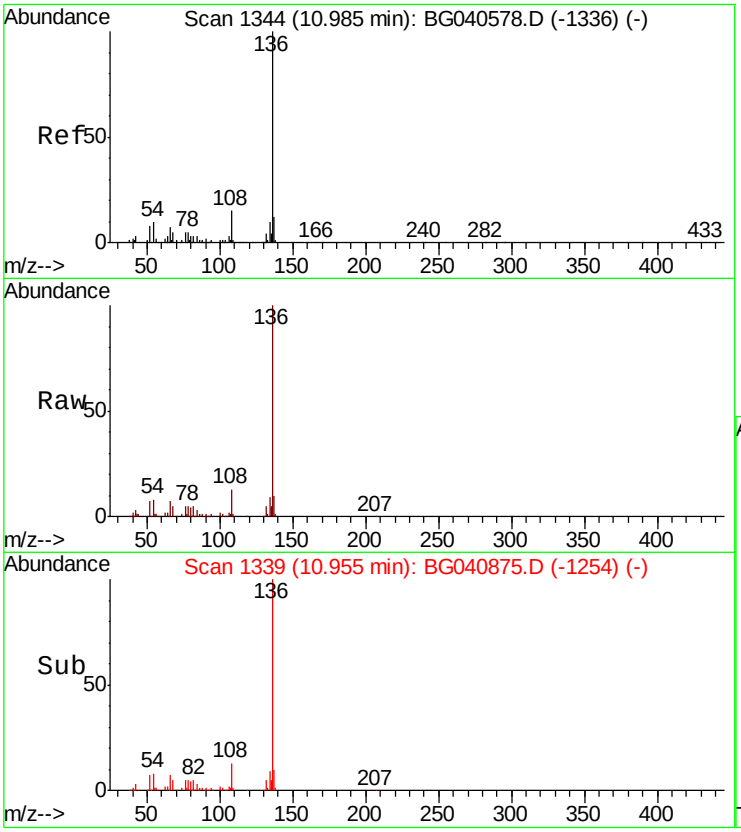


#19
n-Nitroso-di-n-propylamine
Concen: 13.475 ng
RT: 9.31 min Scan# 1059
Delta R.T. 0.34 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Tgt Ion: 70 Resp: 52878

Ion	Ratio	Lower	Upper
70	100		
42	44.3	57.1	85.7#
101	0.0	7.8	11.8#
130	1.4	14.6	21.8#



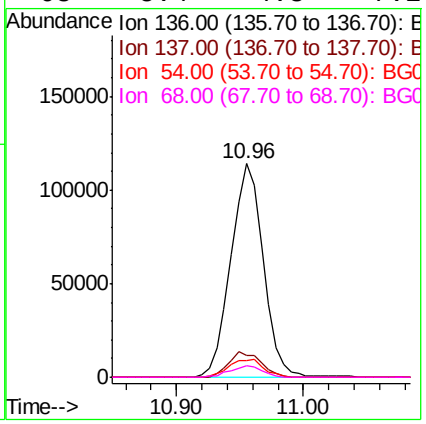


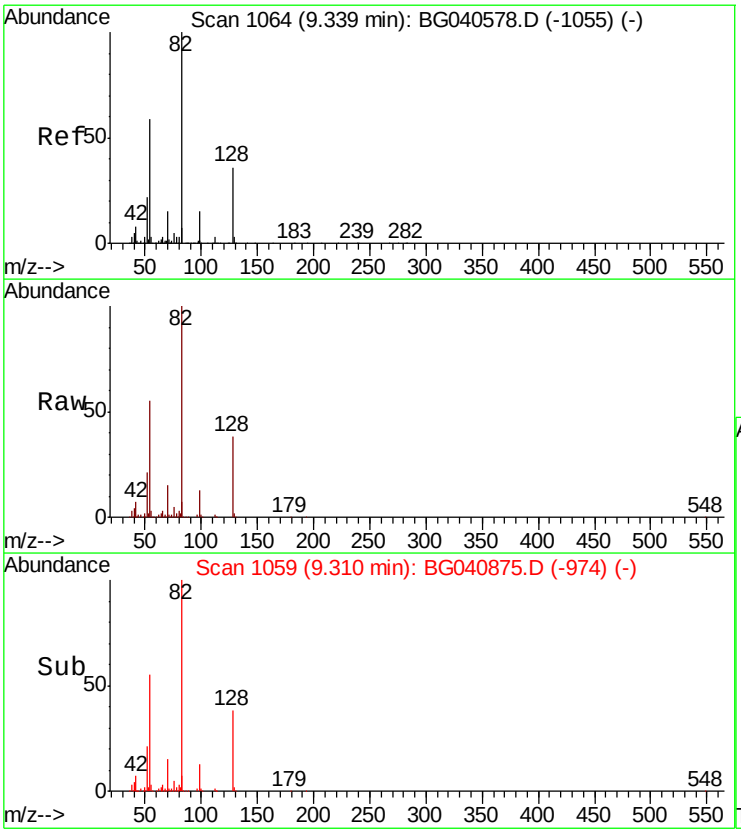
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion:136 Resp: 202104

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.7	14.5
54	8.0	8.6	12.8#
68	5.4	4.8	7.2

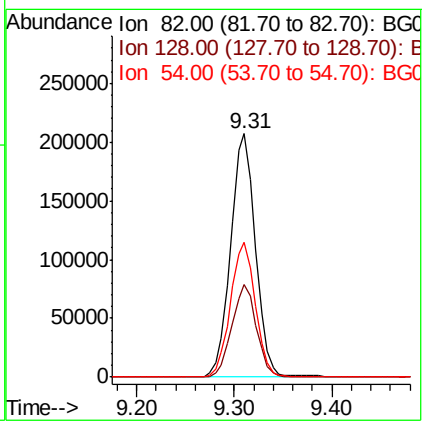


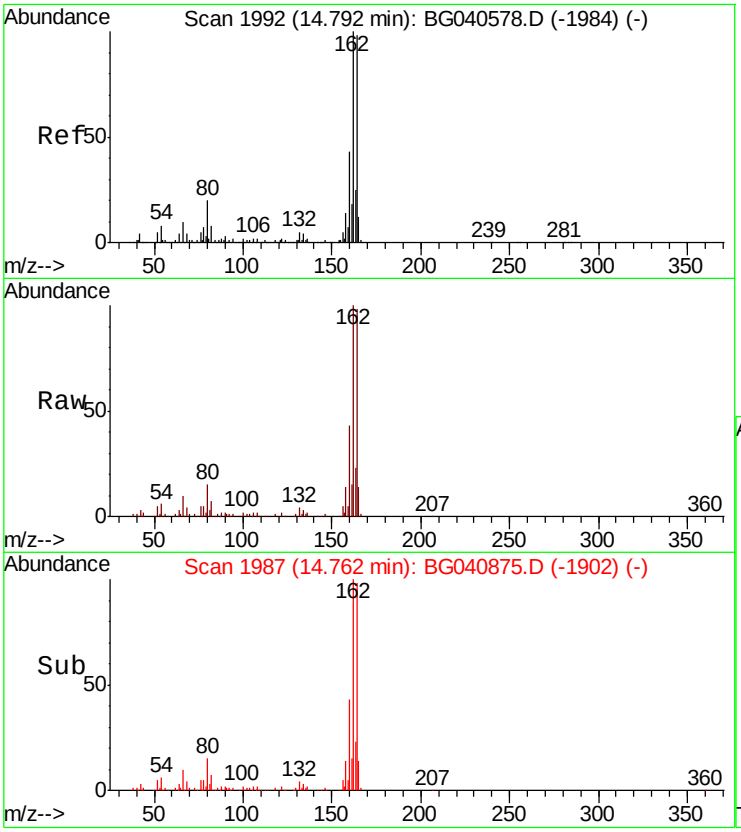


#23
Nitrobenzene-d5
Concen: 83.155 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Tgt Ion: 82 Resp: 363717

Ion	Ratio	Lower	Upper
82	100		
128	38.0	28.9	43.3
54	55.3	47.2	70.8



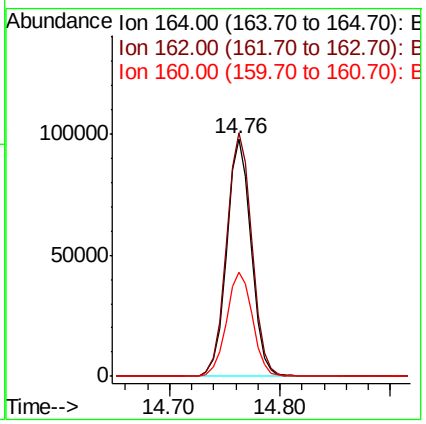


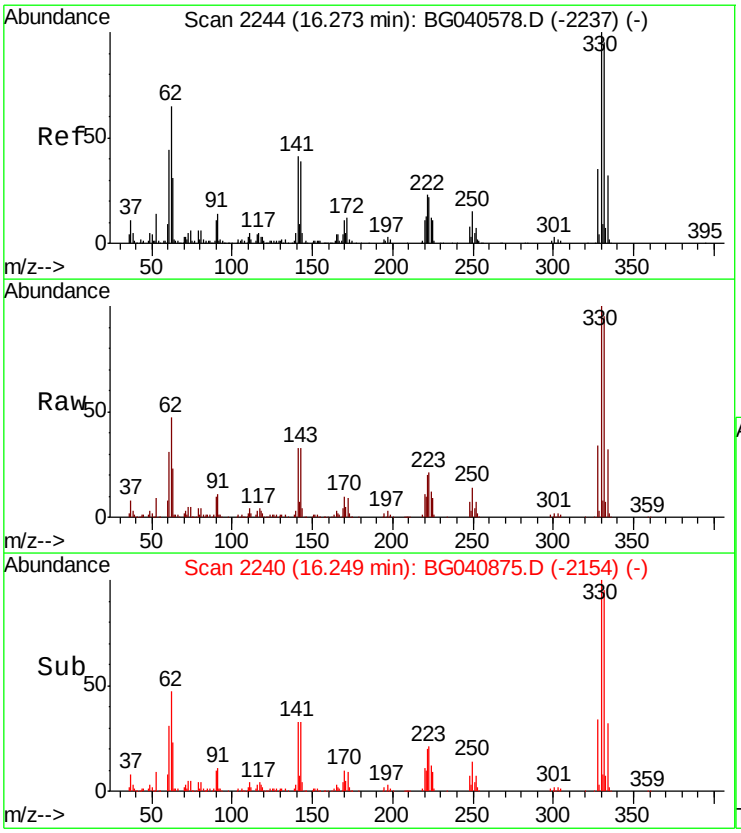
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion:164 Resp: 152014

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.9	122.9
160	44.0	35.4	53.2

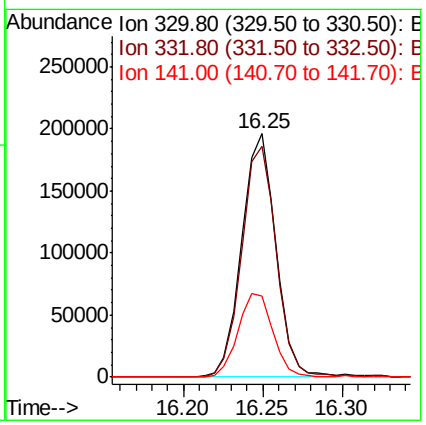


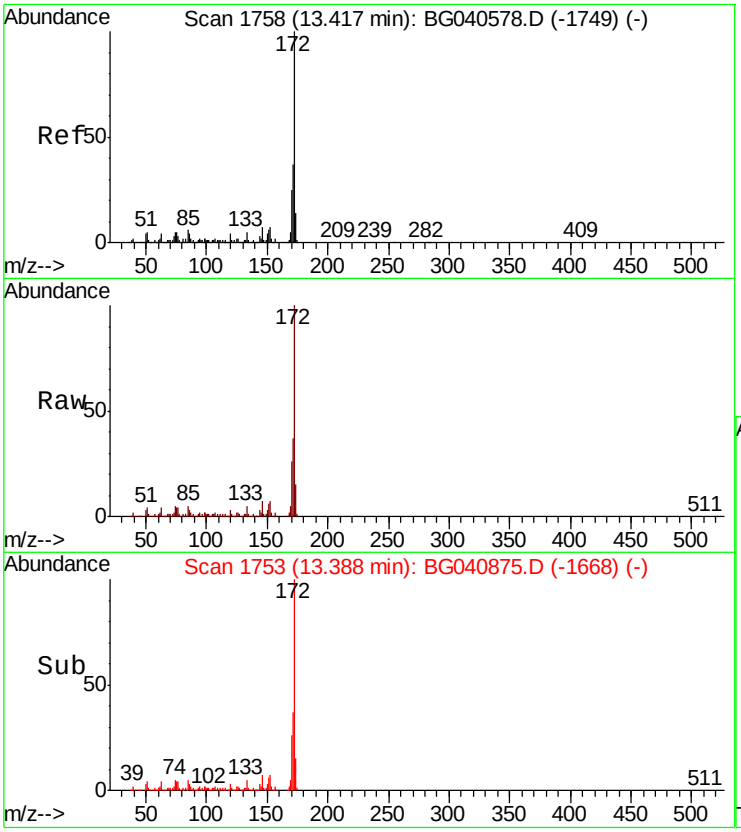


#42
2,4,6-Tribromophenol
Concen: 140.183 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Tgt Ion:330 Resp: 292908

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.9	113.9
141	35.4	32.4	48.6



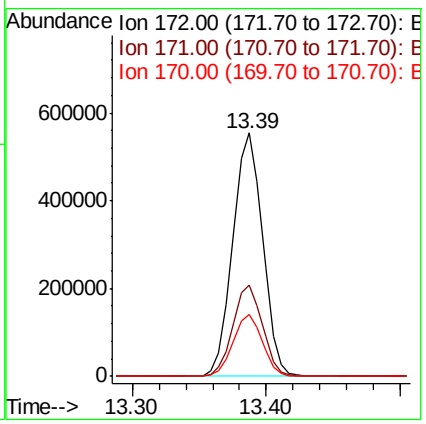


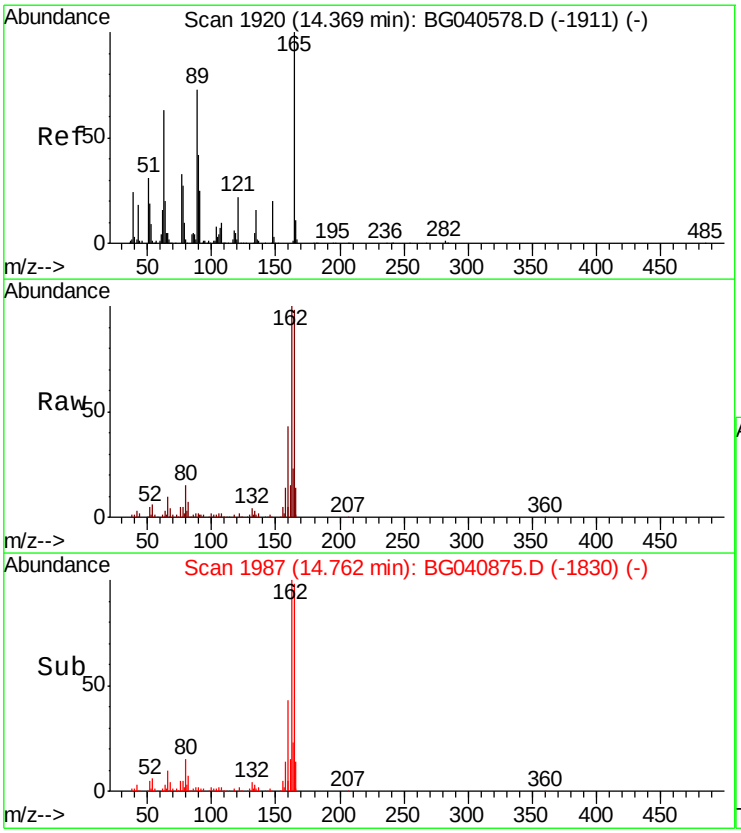
#45
2-Fluorobiphenyl
Concen: 81.762 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion:172 Resp: 860608

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.2
170	25.6	19.9	29.9

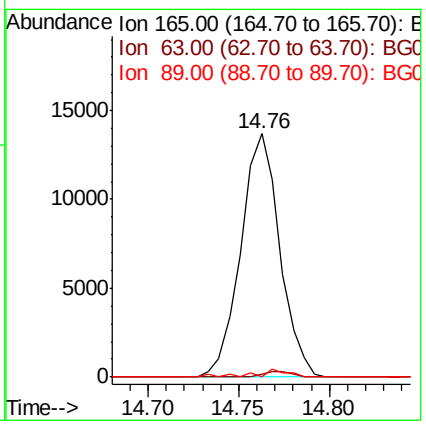


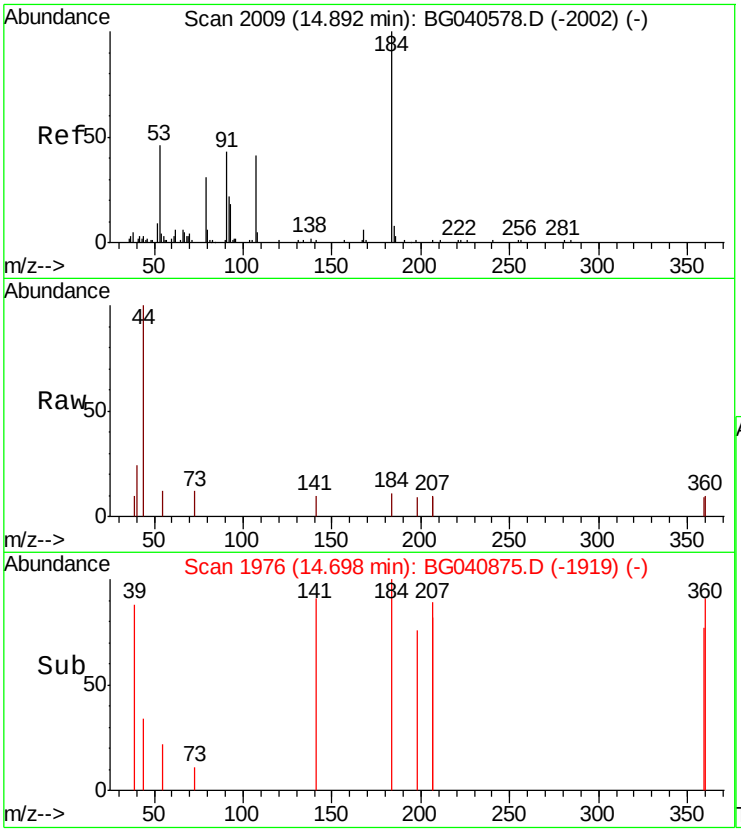


#51
2,6-Dinitrotoluene
Concen: 8.244 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.39 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Tgt Ion:165 Resp: 20464

Ion	Ratio	Lower	Upper
165	100		
63	1.3	61.0	91.4#
89	0.0	58.6	87.8#



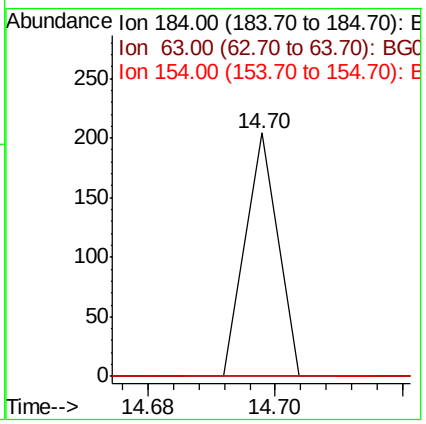


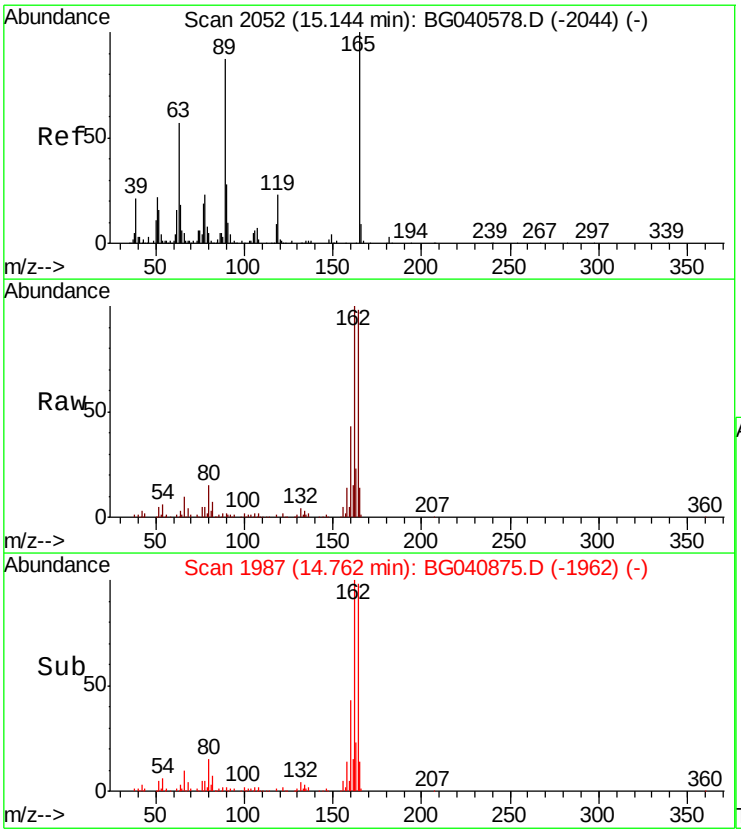
#54
2,4-Dinitrophenol
Concen: 7.062 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.19 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion:184 Resp: 72

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	0.0	43.6	65.4#

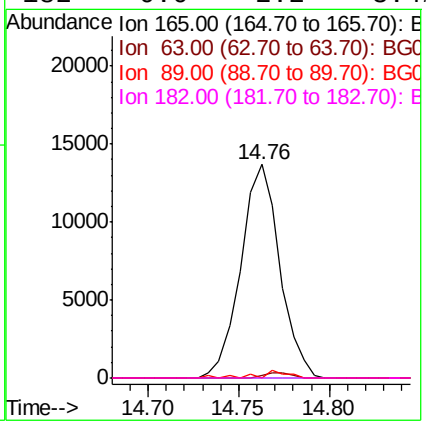


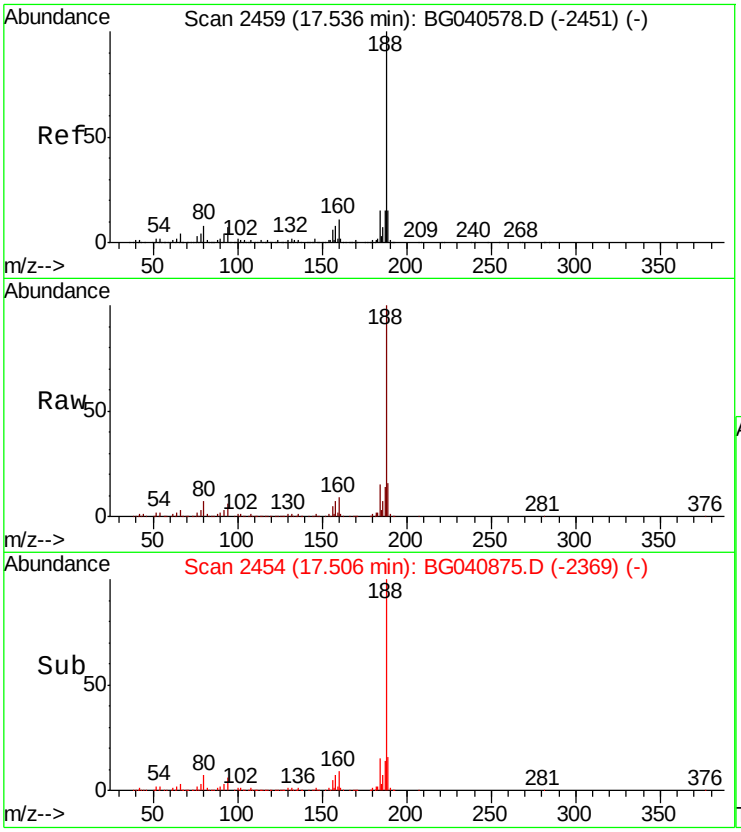


#57
2,4-Dinitrotoluene
Concen: 6.067 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.38 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Tgt Ion:165 Resp: 20464

Ion	Ratio	Lower	Upper
165	100		
63	1.3	45.8	68.8#
89	0.0	69.4	104.2#
182	0.0	2.2	3.4#



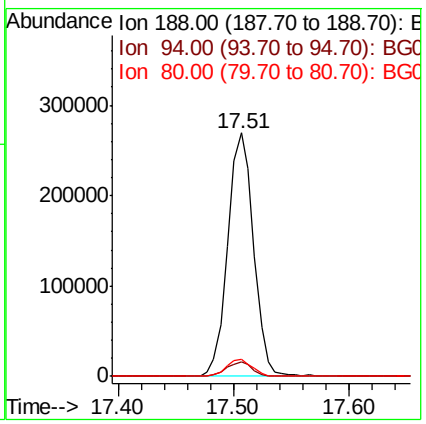


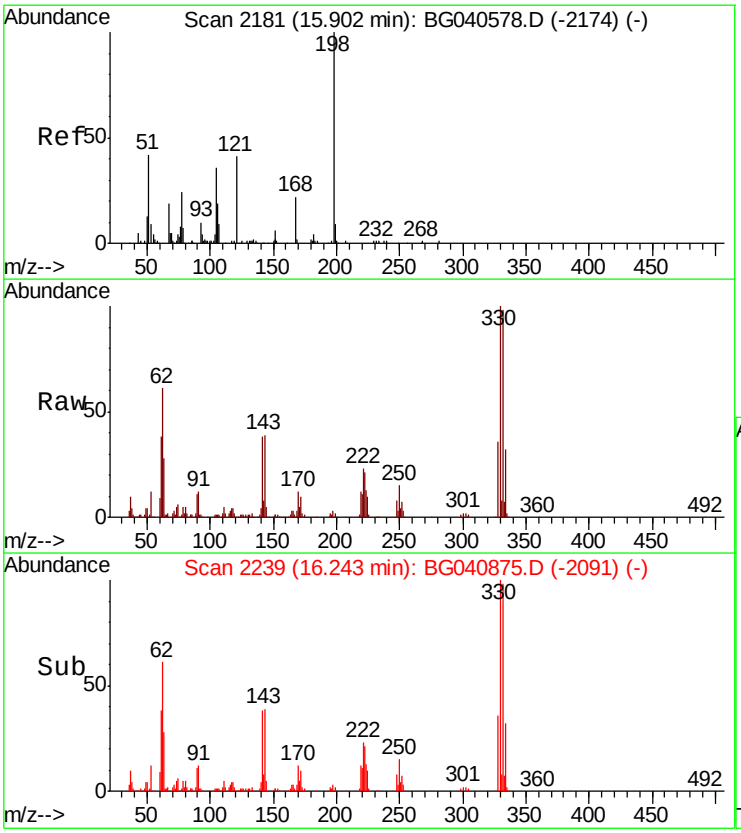
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion:188 Resp: 417131

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.6	8.4
80	7.2	6.4	9.6

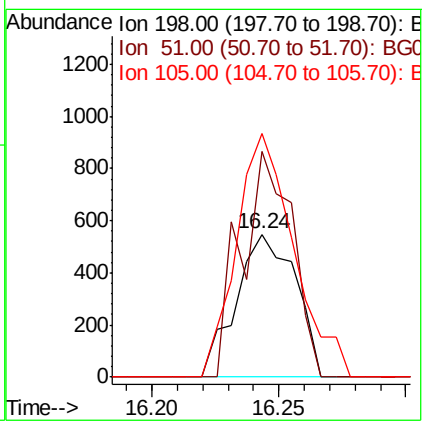


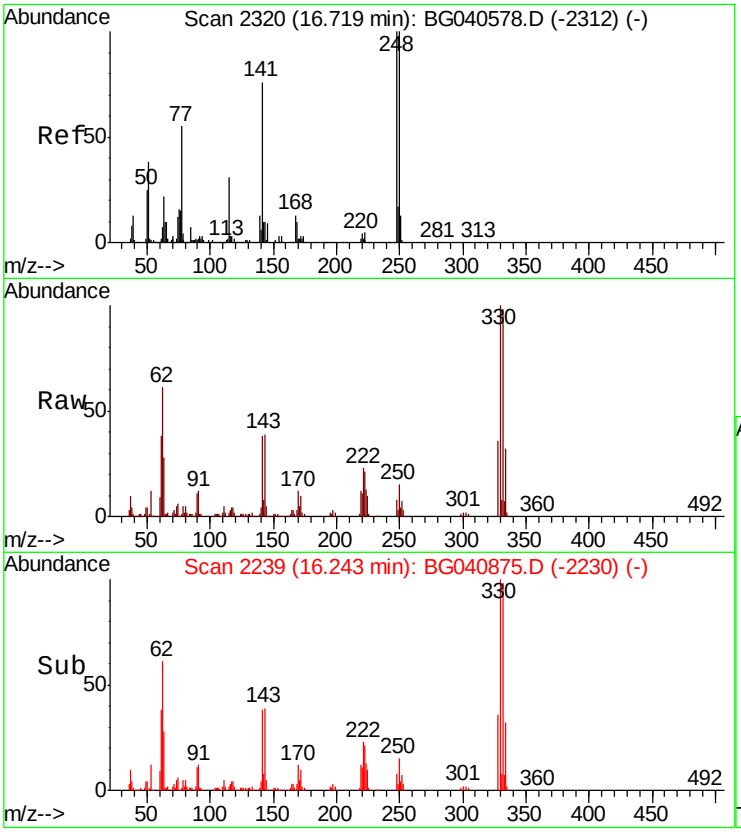


#65
4,6-Dinitro-2-methylphenol
Concen: 7.473 ng
RT: 16.24 min Scan# 2239
Delta R.T. 0.34 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Tgt Ion:198 Resp: 896

Ion	Ratio	Lower	Upper
198	100		
51	25.9	35.9	75.9#
105	27.9	21.2	61.2



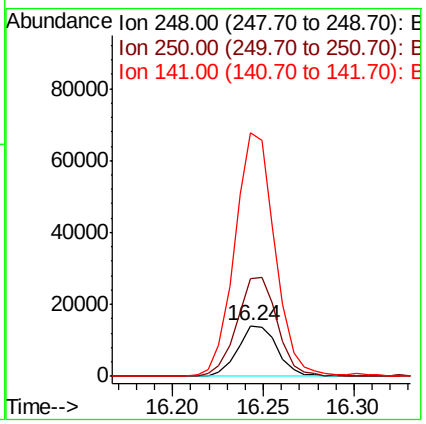


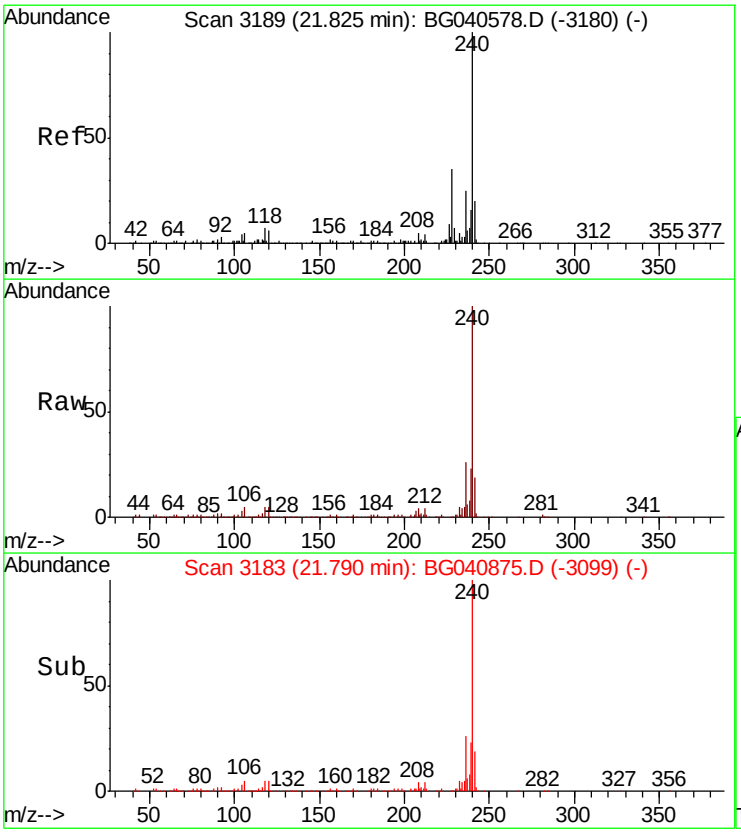
#67
4-Bromophenyl-phenylether
Concen: 4.079 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.48 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion:248 Resp: 21198

Ion	Ratio	Lower	Upper
248	100		
250	192.7	79.8	119.6#
141	479.9	60.8	91.2#

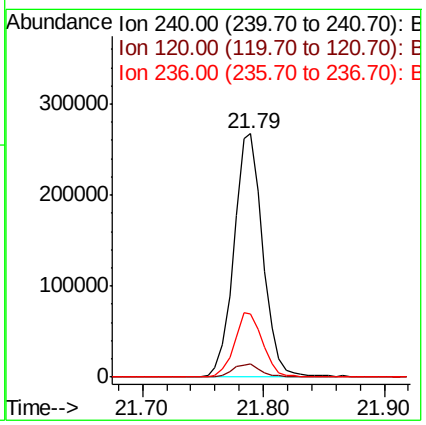


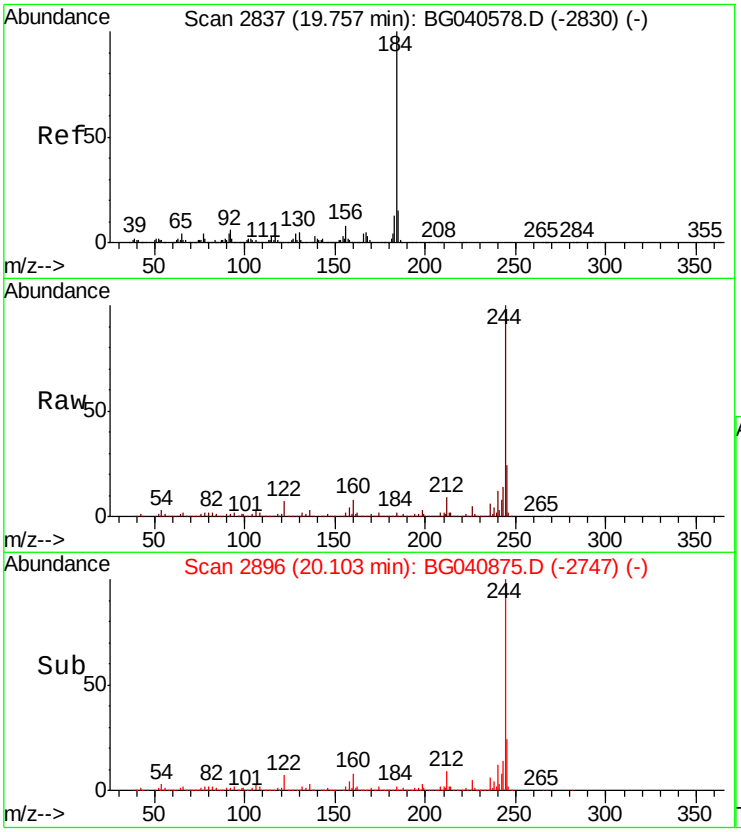


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.04 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Tgt Ion:240 Resp: 444711

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.6
236	26.0	20.3	30.5



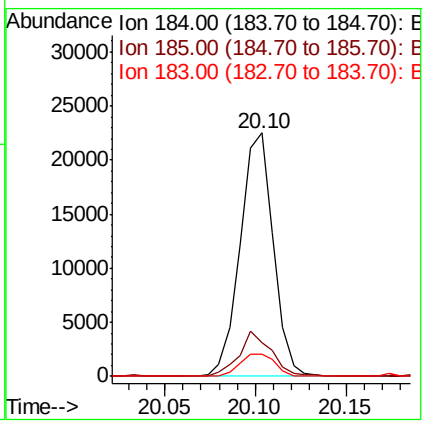


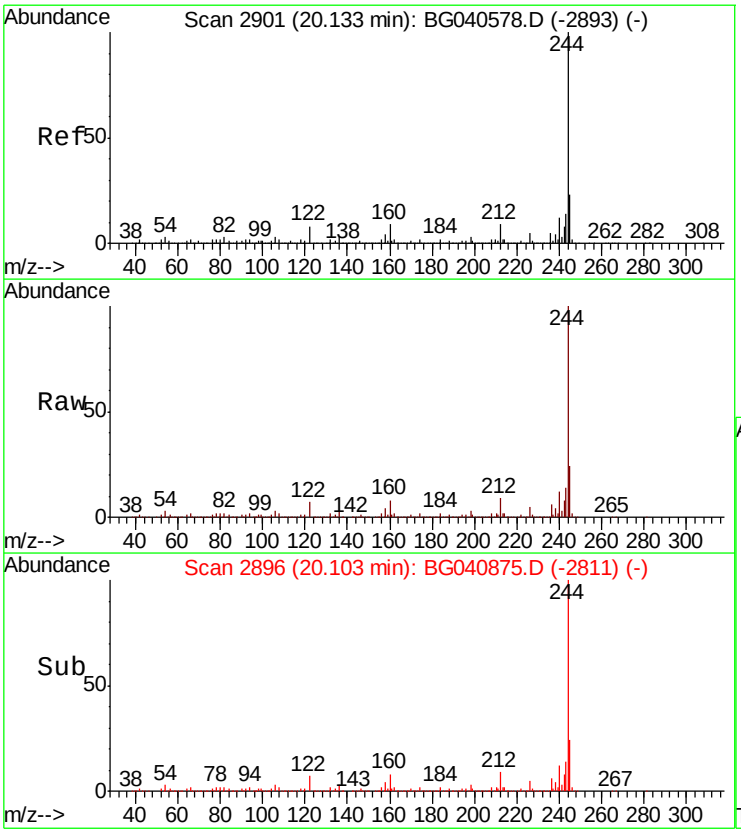
#77
Benzidine
Concen: 2.342 ng
RT: 20.10 min Scan# 2896
Delta R.T. 0.35 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion:184 Resp: 28512

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.8	17.8
183	9.0	10.2	15.2#

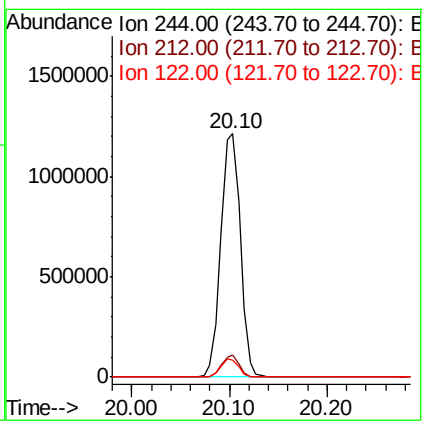


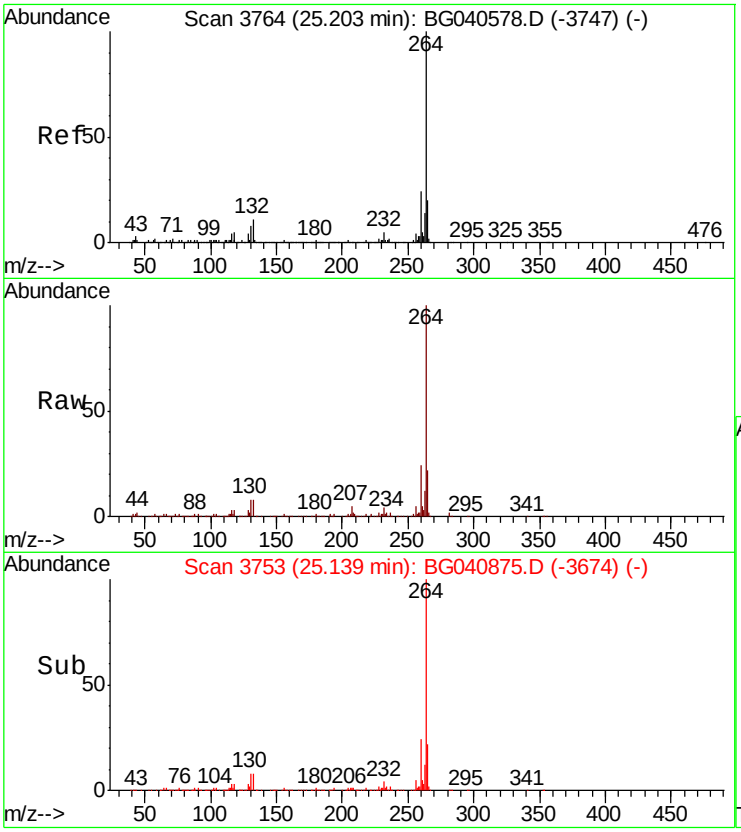


#79
Terphenyl-d14
Concen: 84.179 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.03 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Tgt Ion:244 Resp: 1689756

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.2	10.8
122	7.0	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3753
Delta R.T. -0.06 min
Lab File: BG040875.D
Acq: 11 May 2019 16:03

Instrument :
BNA_G
ClientSampleId :
PB119647BL

Tgt Ion:264 Resp: 469382

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	16.6	25.0