Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040812.D
Acq On : 9 May 2019 8:20
Operator : HP/JU
Sample : K2641-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 09 11:26:33 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	8.14	152	38897	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	151943	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	114823	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	326663	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	298284	20.00	ng	-0.03
87) Perylene-d12	25.16	264	204224	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	380950	172.64	ng	-0.01
7) Phenol-d6	7.28	99	500236	147.24	ng	-0.01
23) Nitrobenzene-d5	9.32	82	425432	129.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	255799	162.08	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	916884	115.32	ng	-0.02
79) Terphenyl-d14	20.11	244	1850558	137.45	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.27	77	1276	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.32	70	63445	20.745	ng	# 70
51) 2,6-Dinitrotoluene	14.77	165	14794	7.890	ng	# 13
57) 2,4-Dinitrotoluene	14.77	165	14794	5.807	ng	# 15
65) 4,6-Dinitro-2-methylphenol	16.25	198	848	7.550	ng	# 1
67) 4-Bromophenyl-phenylether	16.25	248	18705	4.596	ng	# 1
77) Benzidine	20.11	184	32623	3.994	ng	# 90

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

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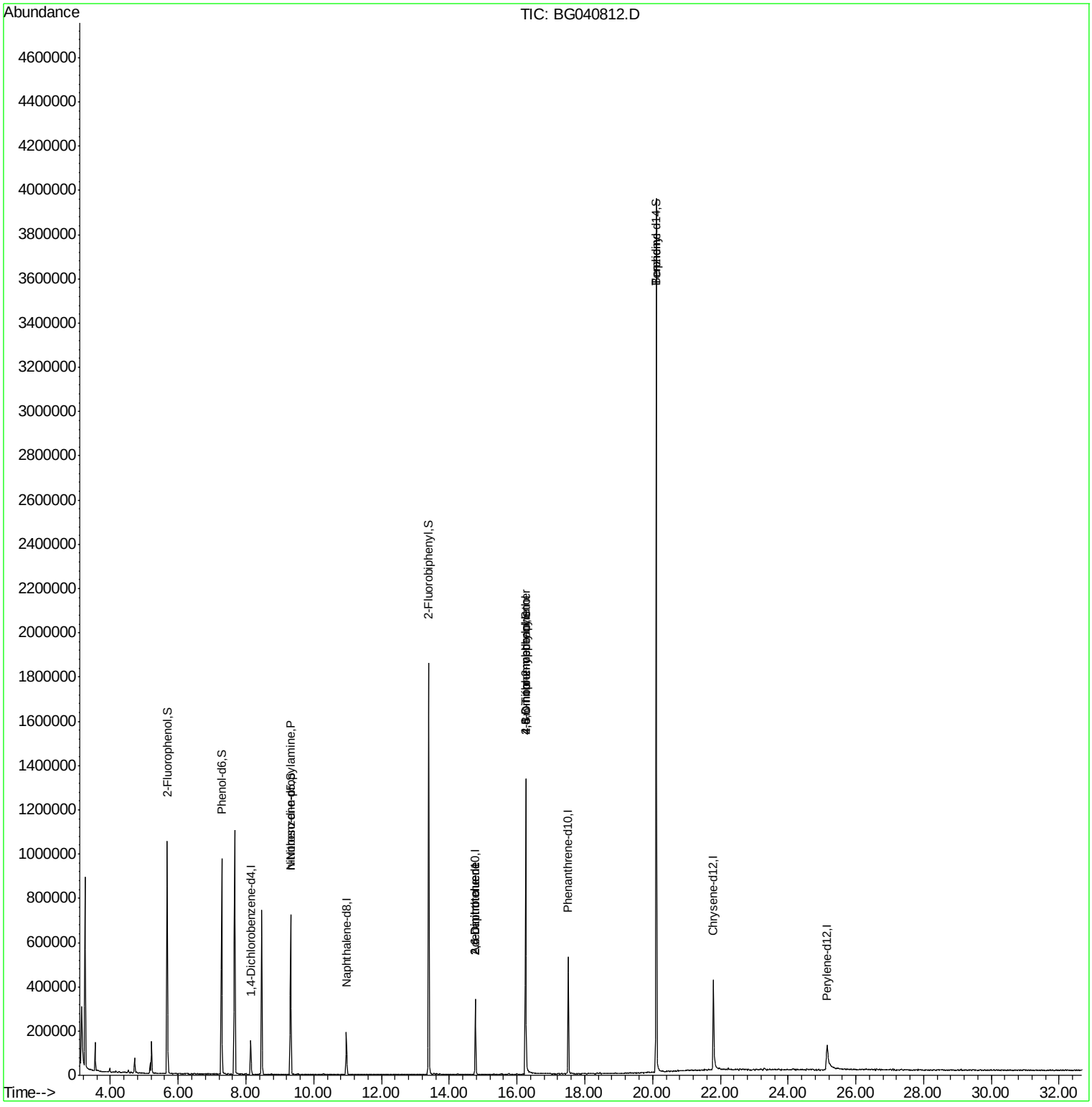
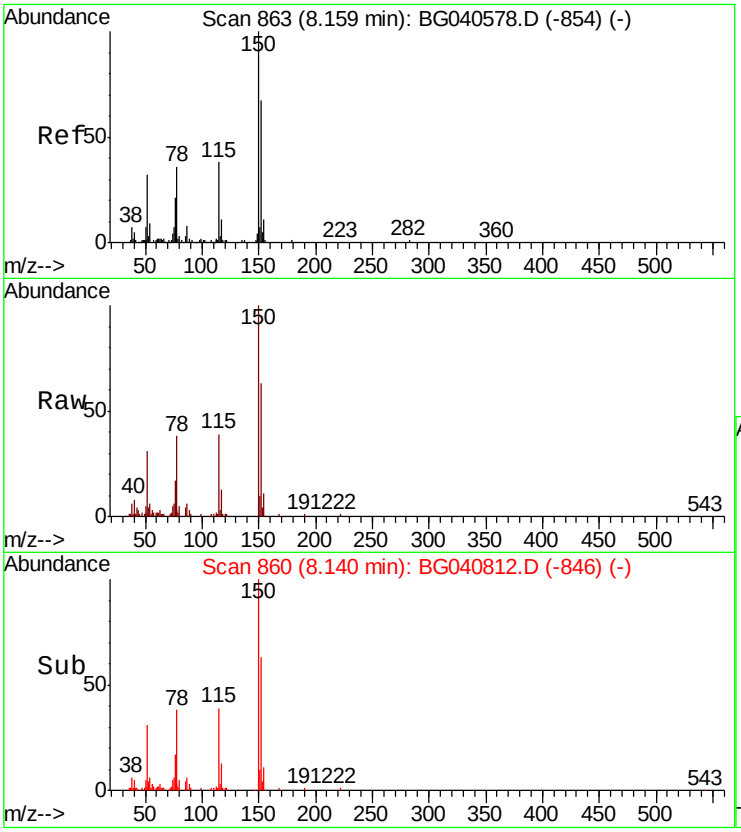


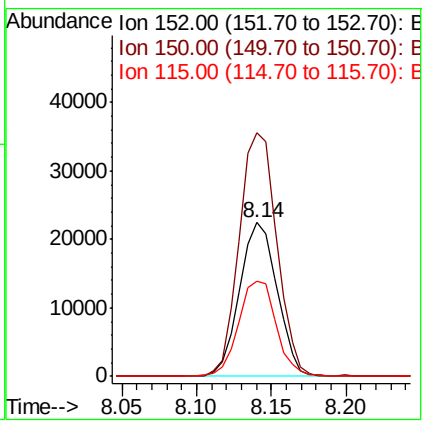


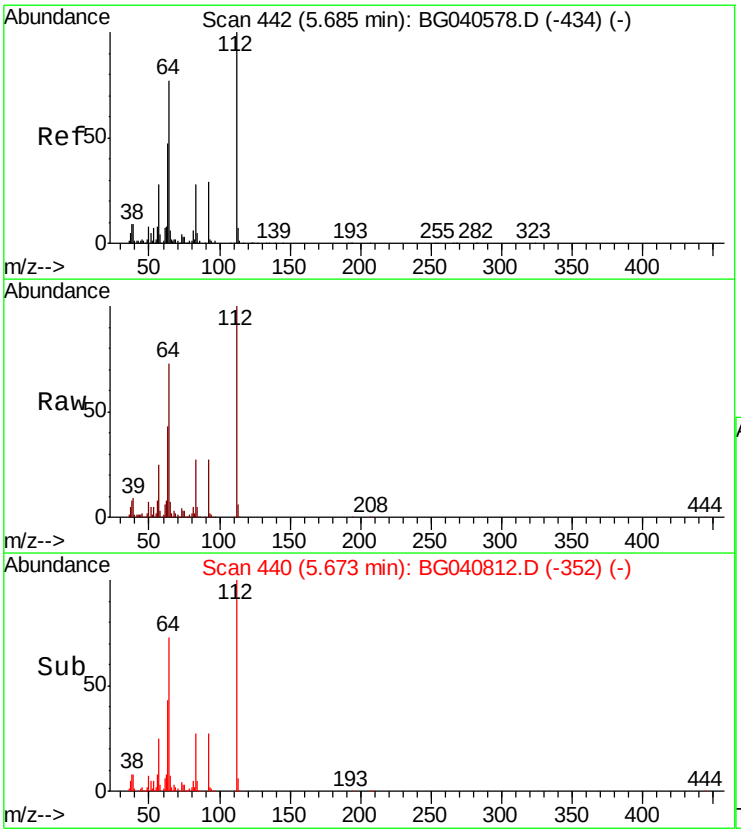
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 38897

Ion	Ratio	Lower	Upper
152	100		
150	158.4	120.2	180.2
115	61.5	46.2	69.2

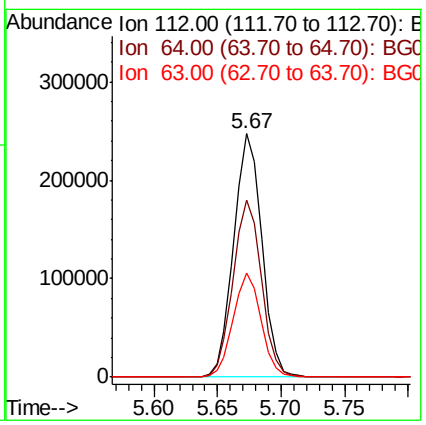


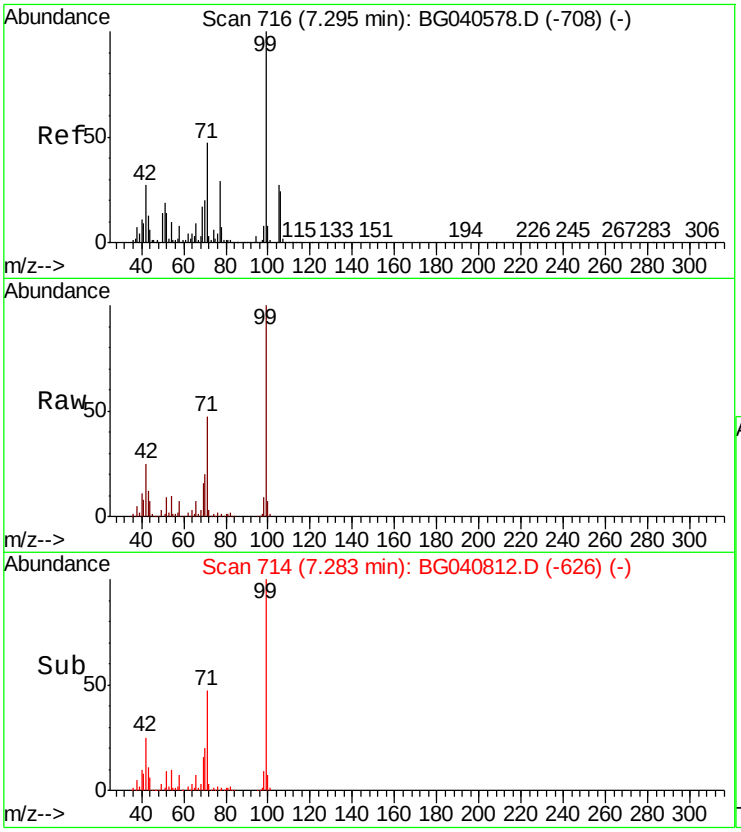


#5
2-Fluorophenol
Concen: 172.642 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Tgt Ion:112 Resp: 380950

Ion	Ratio	Lower	Upper
112	100		
64	72.9	61.4	92.0
63	42.9	37.8	56.6



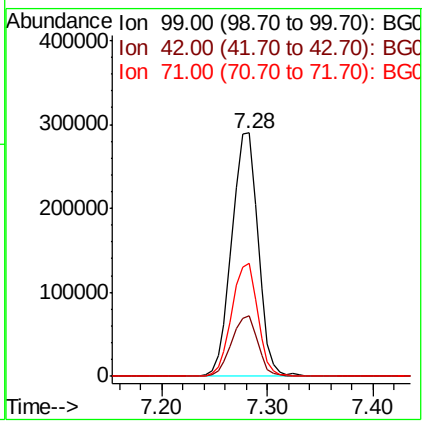


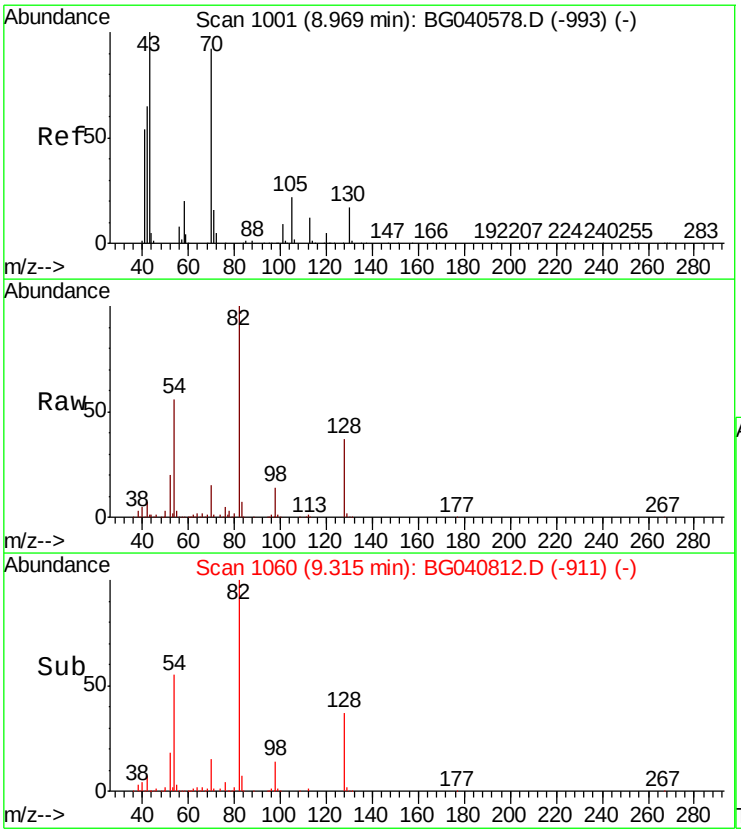
#7
Phenol-d6
Concen: 147.235 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 500236

Ion	Ratio	Lower	Upper
99	100		
42	24.8	21.8	32.8
71	46.6	38.6	57.8

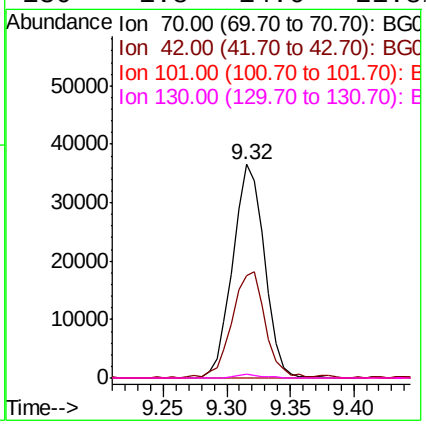


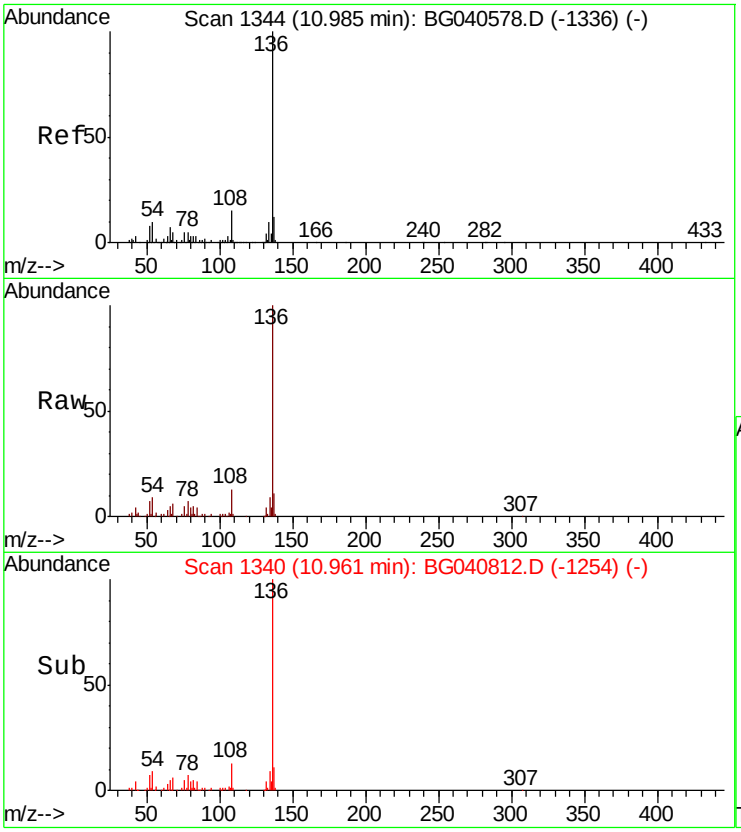


#19
n-Nitroso-di-n-propylamine
Concen: 20.745 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.35 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Tgt Ion: 70 Resp: 63445

Ion	Ratio	Lower	Upper
70	100		
42	47.9	57.1	85.7#
101	0.0	7.8	11.8#
130	1.8	14.6	21.8#



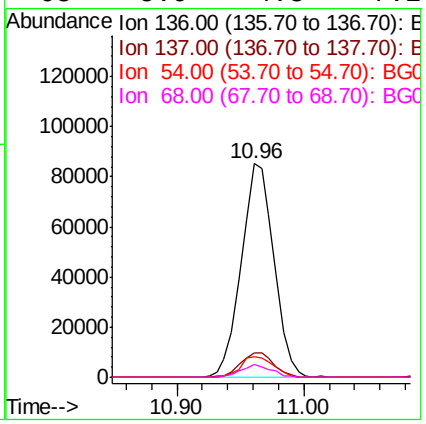


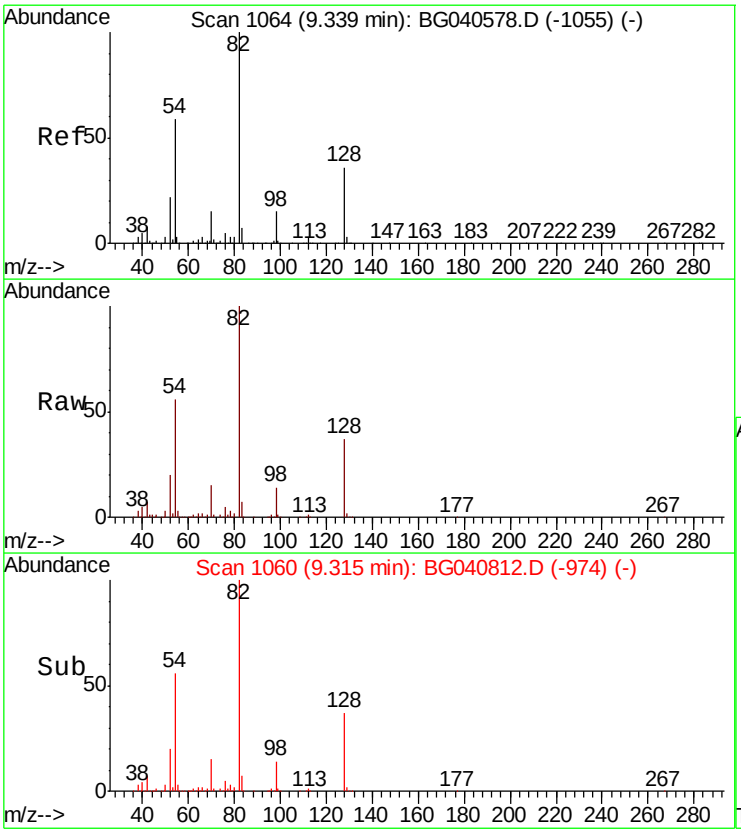
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 151943

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.7	14.5
54	9.4	8.6	12.8
68	5.9	4.8	7.2

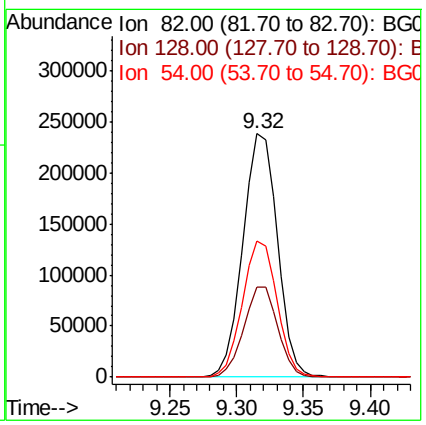


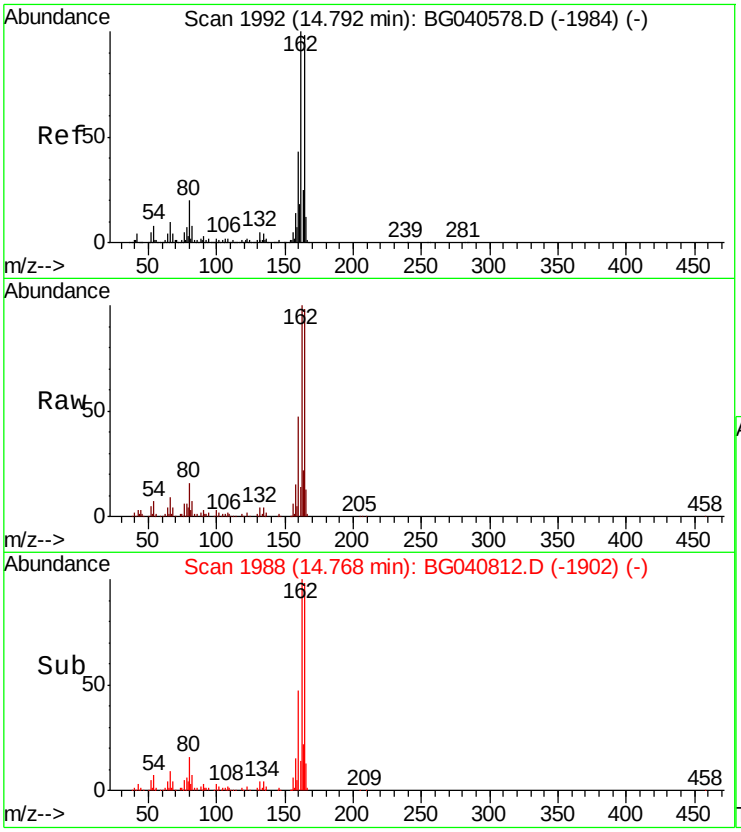


#23
Nitrobenzene-d5
Concen: 129.375 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Tgt Ion: 82 Resp: 425432

Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.9	43.3
54	55.9	47.2	70.8



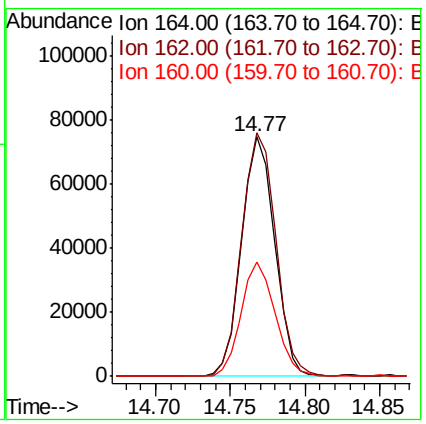


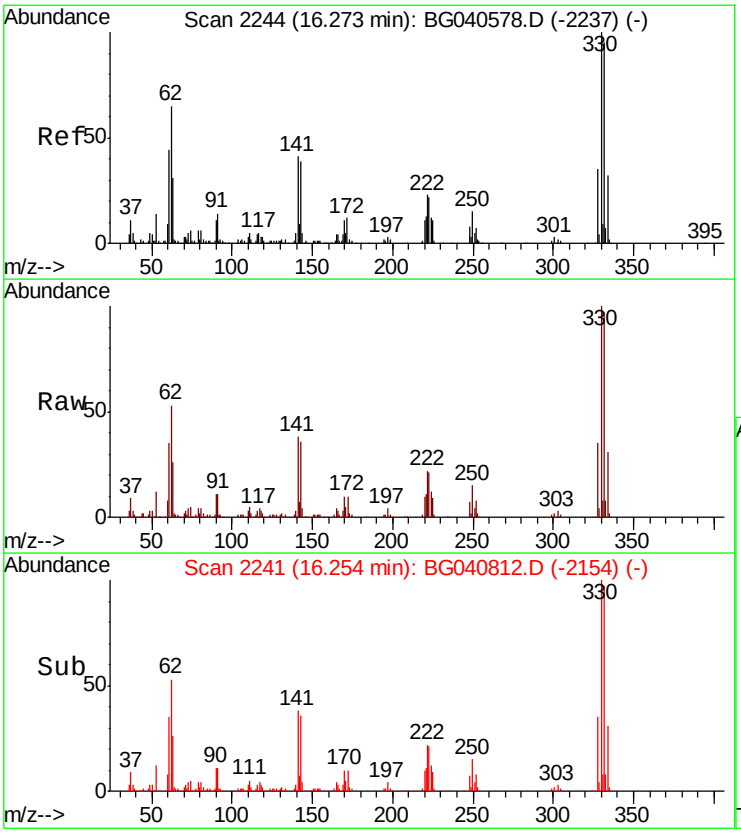
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 114823

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.9	122.9
160	47.7	35.4	53.2

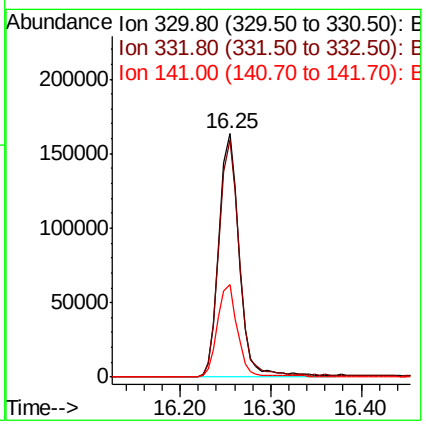


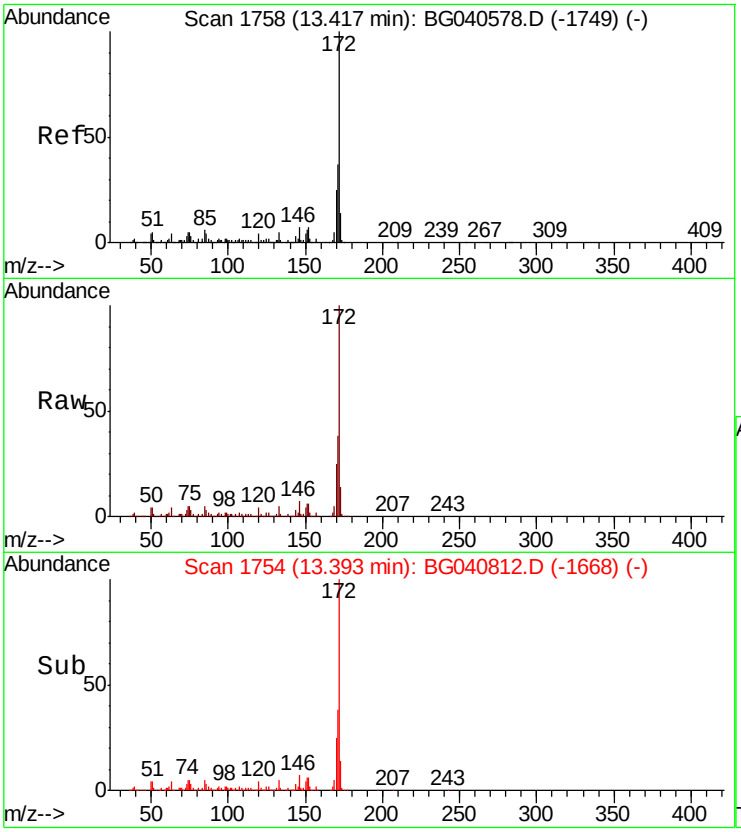


#42
2,4,6-Tribromophenol
Concen: 162.076 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Tgt Ion:330 Resp: 255799

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.9	113.9
141	36.7	32.4	48.6



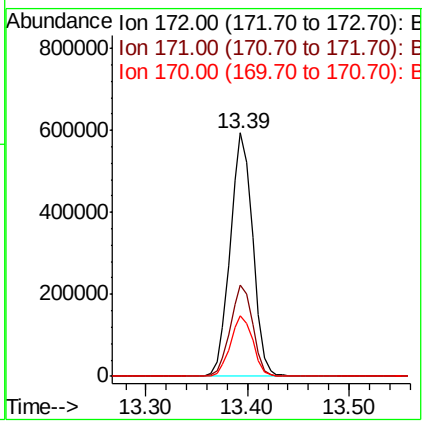


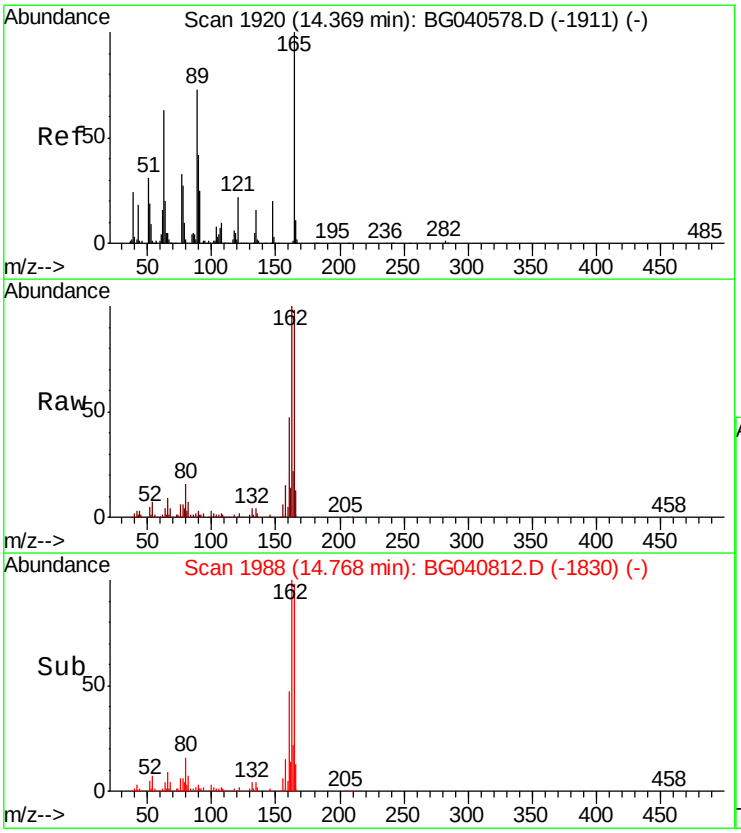
#45
2-Fluorobiphenyl
Concen: 115.322 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 916884

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.2
170	25.1	19.9	29.9

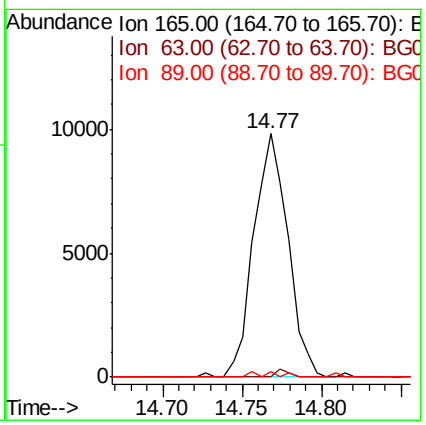


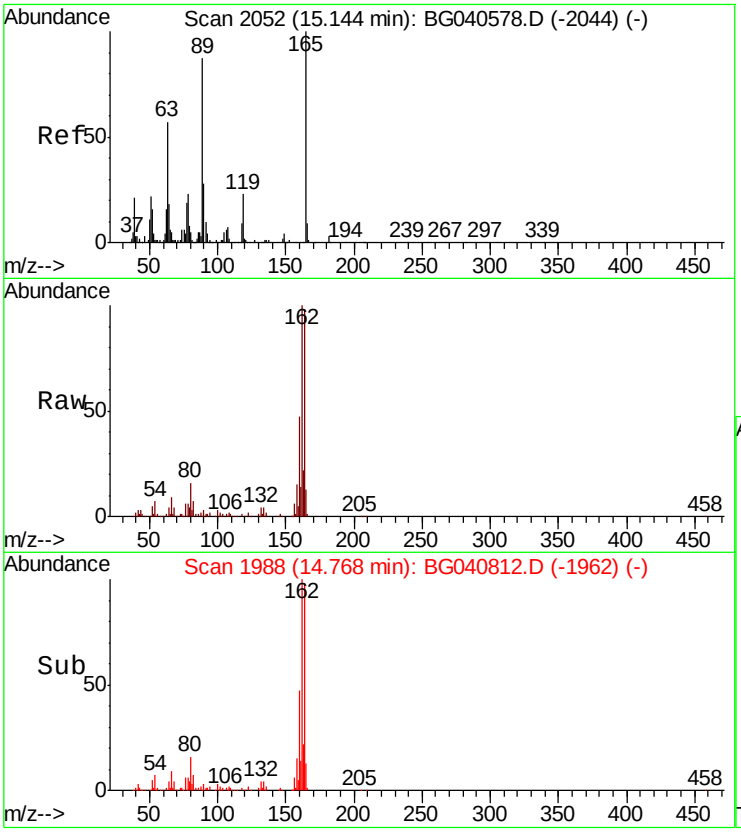


#51
2,6-Dinitrotoluene
Concen: 7.890 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Tgt Ion:165 Resp: 14794

Ion	Ratio	Lower	Upper
165	100		
63	0.0	61.0	91.4#
89	2.2	58.6	87.8#



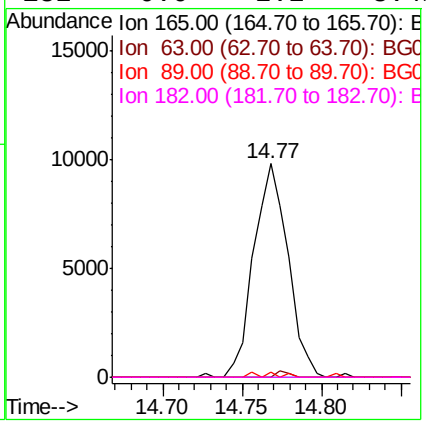


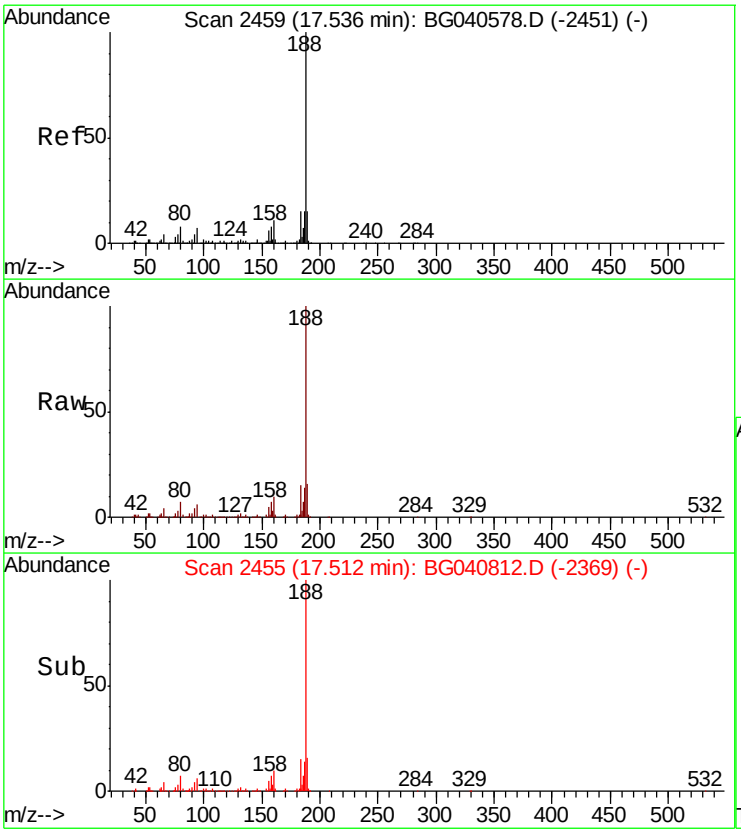
#57
2,4-Dinitrotoluene
Concen: 5.807 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.38 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14794

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

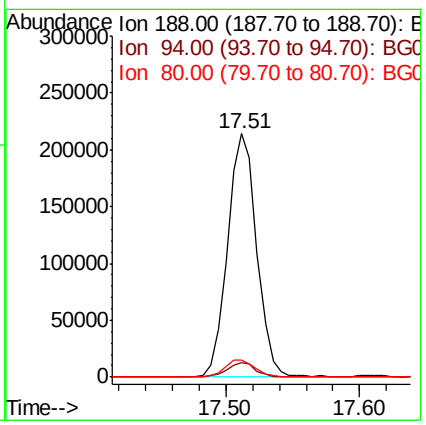


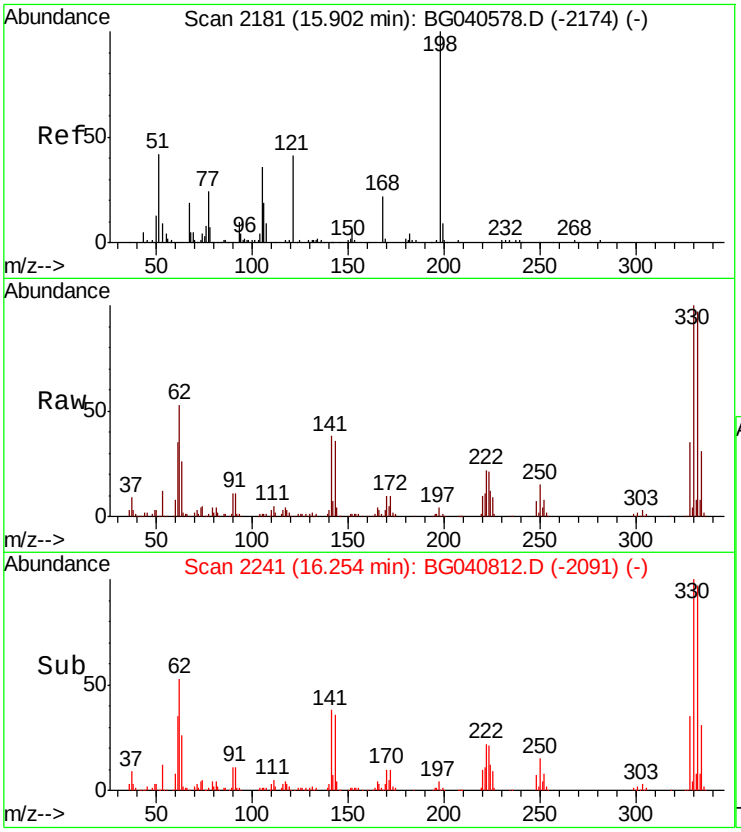


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Tgt Ion:188 Resp: 326663

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.6	8.4
80	7.2	6.4	9.6



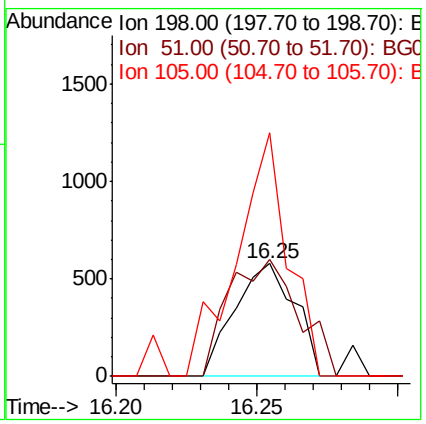


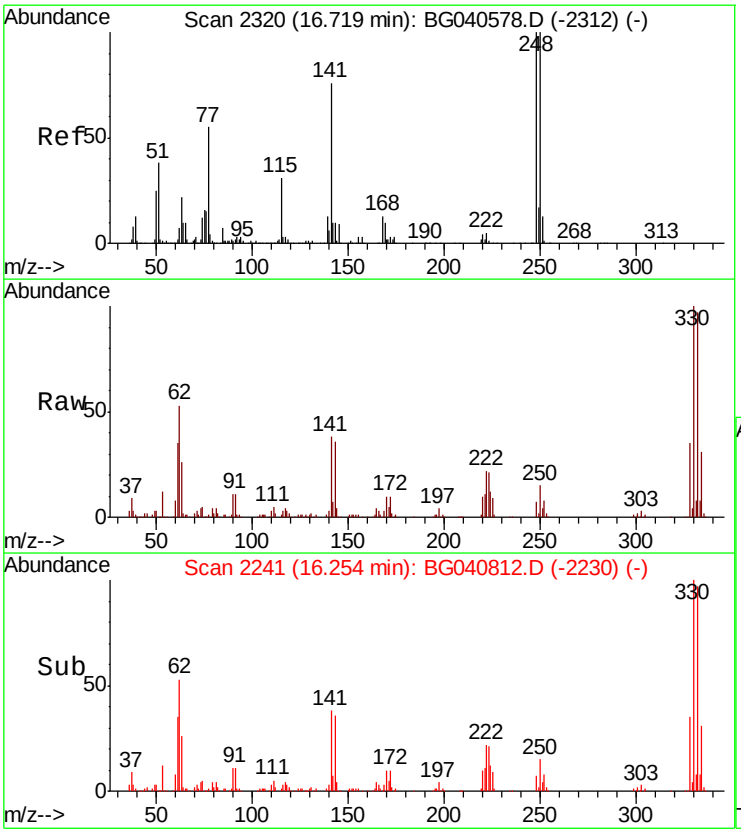
#65
4,6-Dinitro-2-methylphenol
Concen: 7.550 ng
RT: 16.25 min Scan# 2241
Delta R.T. 0.35 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 848

Ion	Ratio	Lower	Upper
198	100		
51	103.8	35.9	75.9#
105	216.1	21.2	61.2#

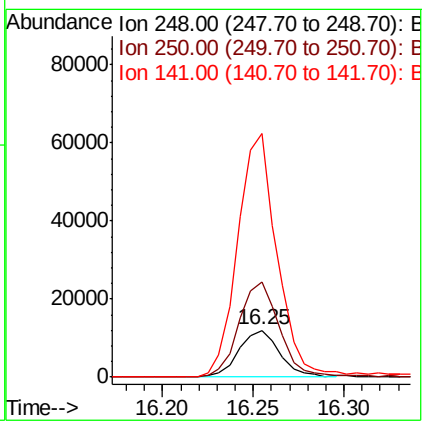


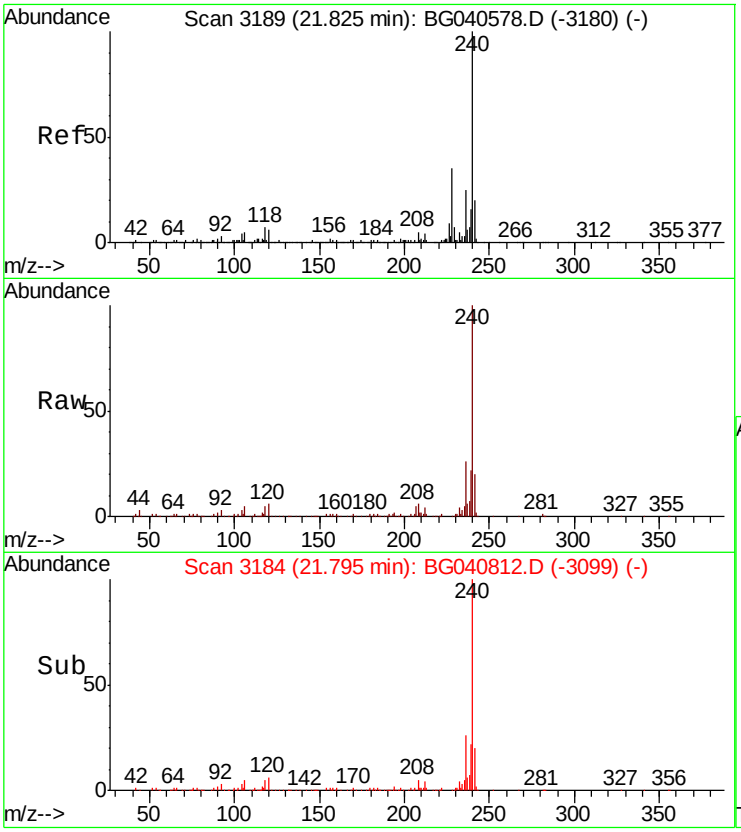


#67
4-Bromophenyl-phenylether
Concen: 4.596 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.46 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Tgt Ion:248 Resp: 18705

Ion	Ratio	Lower	Upper
248	100		
250	200.6	79.8	119.6#
141	516.9	60.8	91.2#



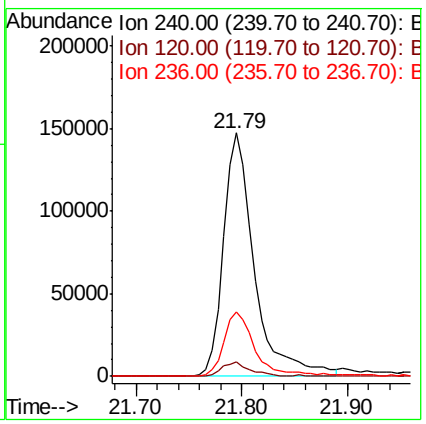


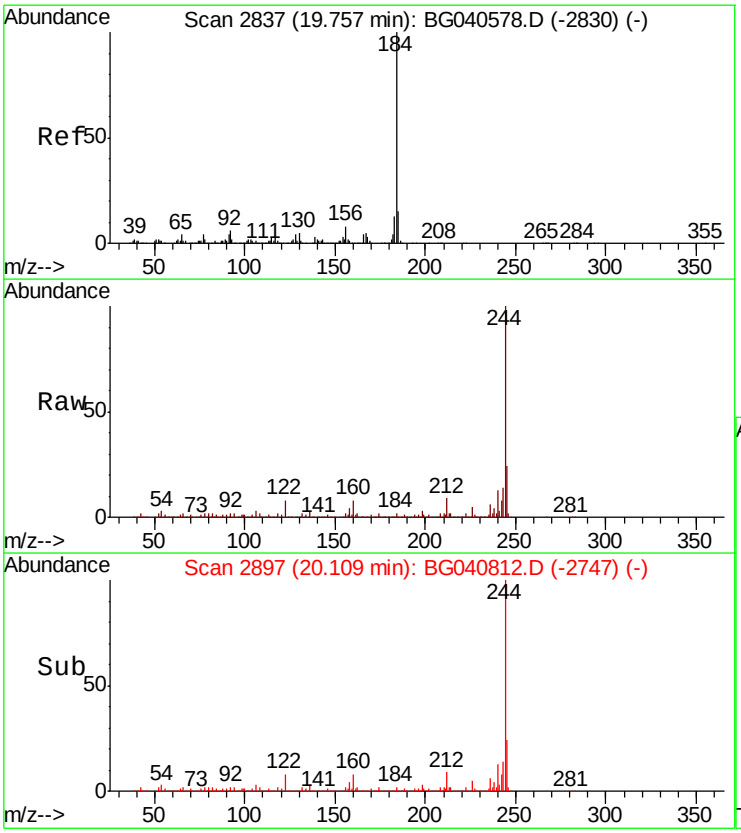
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 298284

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.0	7.6
236	26.3	20.3	30.5

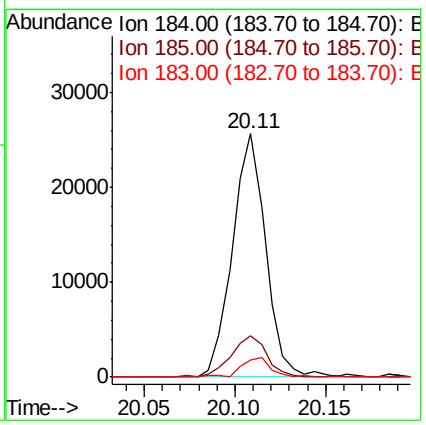


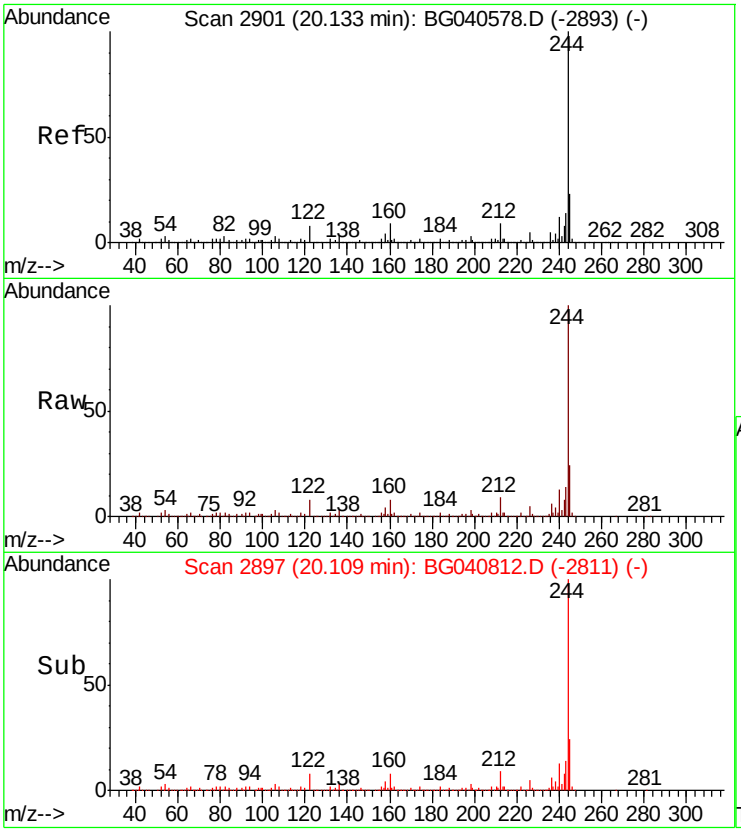


#77
Benzidine
Concen: 3.994 ng
RT: 20.11 min Scan# 2897
Delta R.T. 0.35 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Tgt Ion:184 Resp: 32623

Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.8	17.8
183	6.8	10.2	15.2#



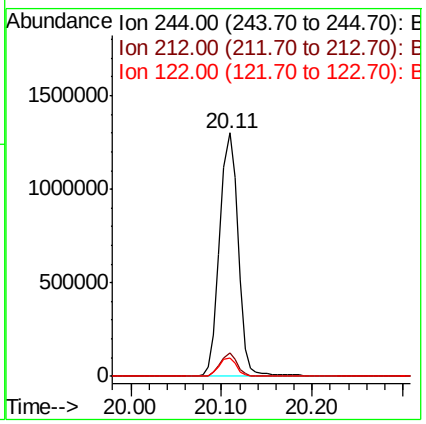


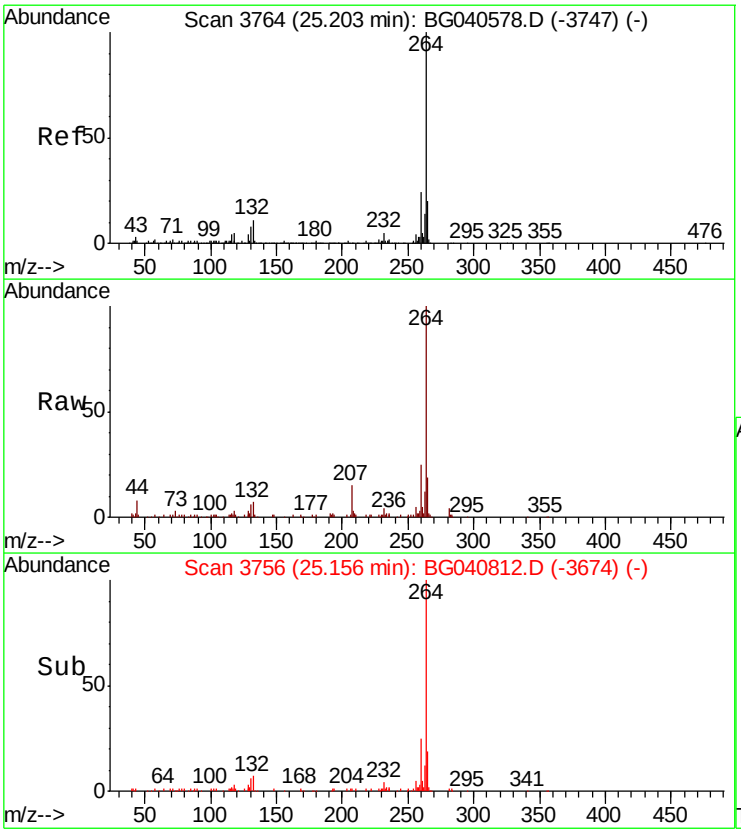
#79
Terphenyl-d14
Concen: 137.445 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1850558

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	7.7	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040812.D
Acq: 9 May 2019 8:20

Tgt Ion:264 Resp: 204224

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	19.3	16.6	25.0