Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041009.D
Acq On : 1 Jun 2019 12:59
Operator : HP/JU
Sample : K3104-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 251810

Quant Time: Jun 03 01:11:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	61095	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	240435	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	177042	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	397621	20.00	ng		0.00
76) Chrysene-d12	21.77	240	413523	20.00	ng		-0.01
87) Perylene-d12	25.11	264	440164	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	131173	38.72	ng		0.00
7) Phenol-d6	7.26	99	122565	23.42	ng		0.00
23) Nitrobenzene-d5	9.29	82	441331	81.49	ng		-0.01
42) 2,4,6-Tribromophenol	16.24	330	205607	78.23	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1029725	83.76	ng		-0.01
79) Terphenyl-d14	20.09	244	1496467	76.80	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	64426	15.999	ng	#	78
50) Dimethylphthalate	14.19	163	72501	4.838	ng		99
54) 2,4-Dinitrophenol	14.74	184	54	8.291	ng	#	1
57) 2,4-Dinitrotoluene	14.75	165	22101	4.842	ng	#	23
65) 4,6-Dinitro-2-methylphenol	15.83	198	298	8.704	ng	#	1
67) 4-Bromophenyl-phenylether	16.23	248	14956	2.787	ng	#	1
70) Pentachlorophenol	17.14	266	62	4.275	ng	#	18
77) Benzidine	20.09	184	26826	2.719	ng		95

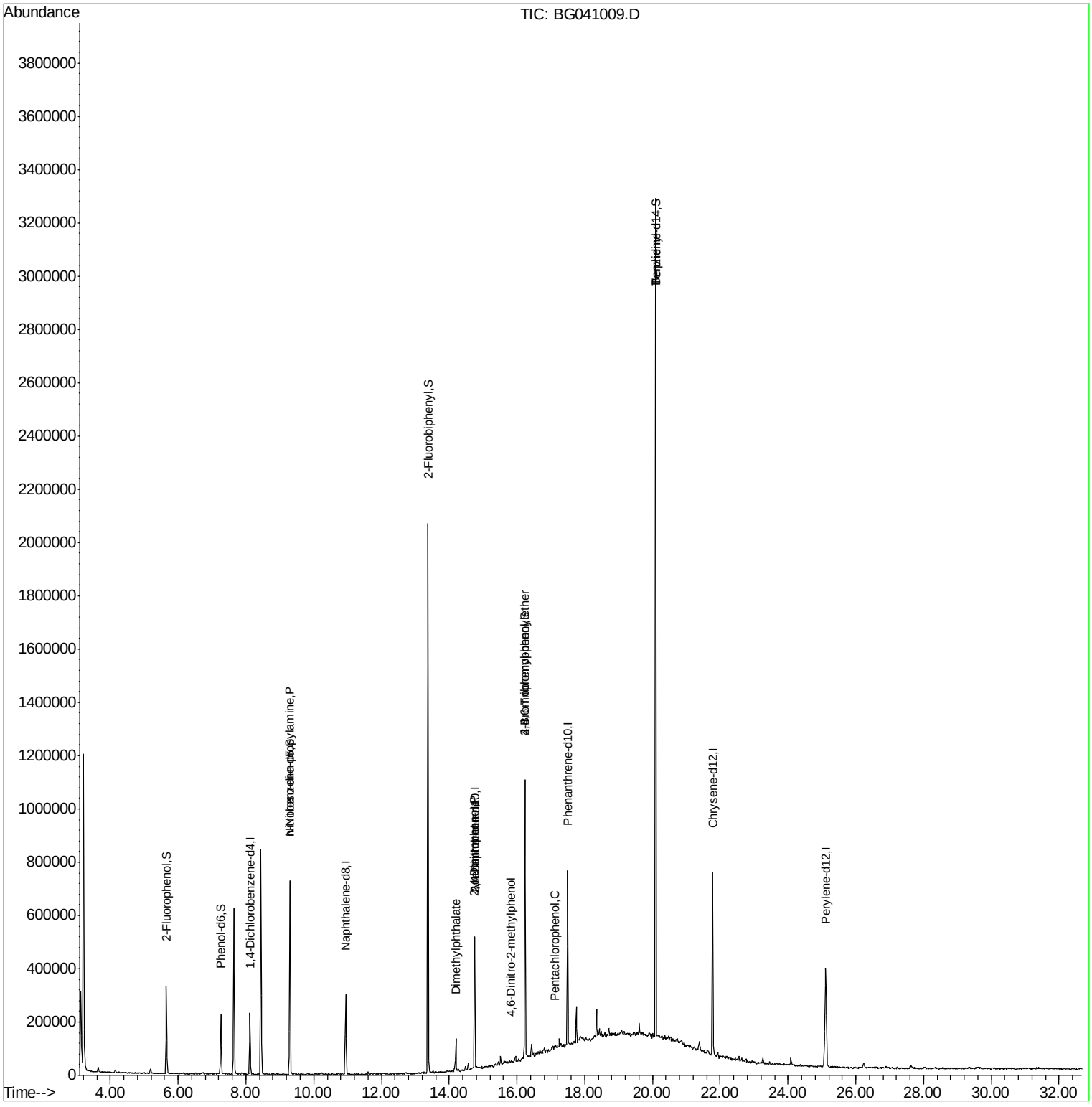
(#) = qualifier out of range (m) = manual integration (+) = signals summed

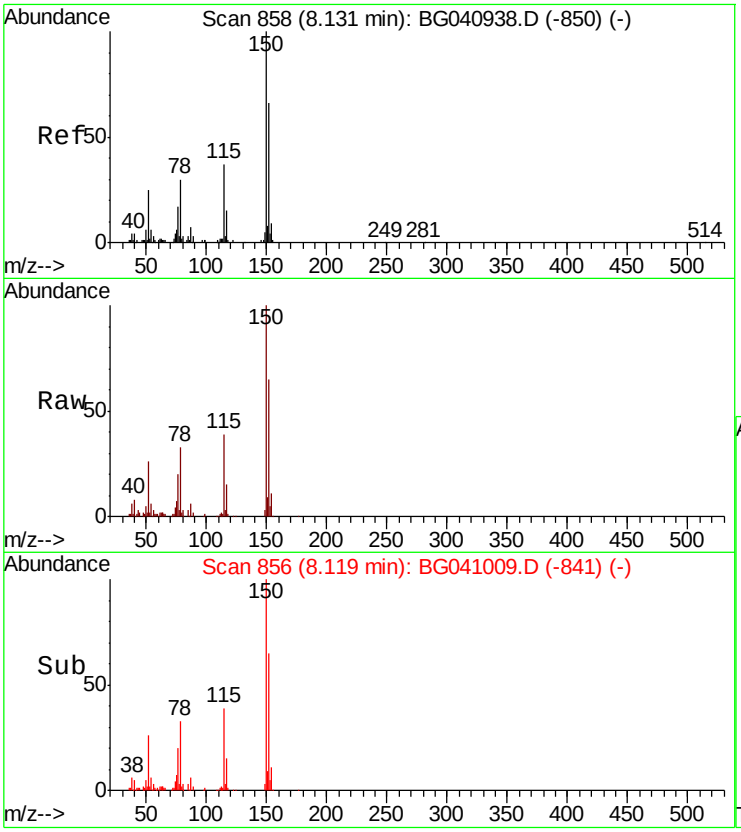
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041009.D
Acq On : 1 Jun 2019 12:59
Operator : HP/JU
Sample : K3104-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 251810

Quant Time: Jun 03 01:11:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



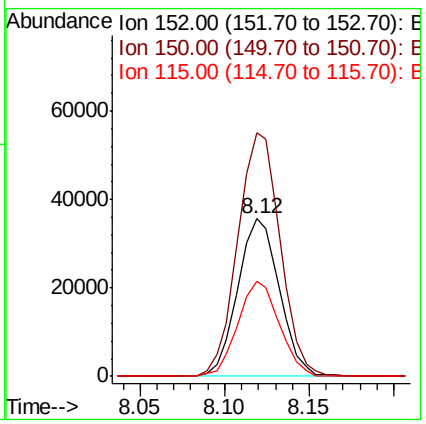


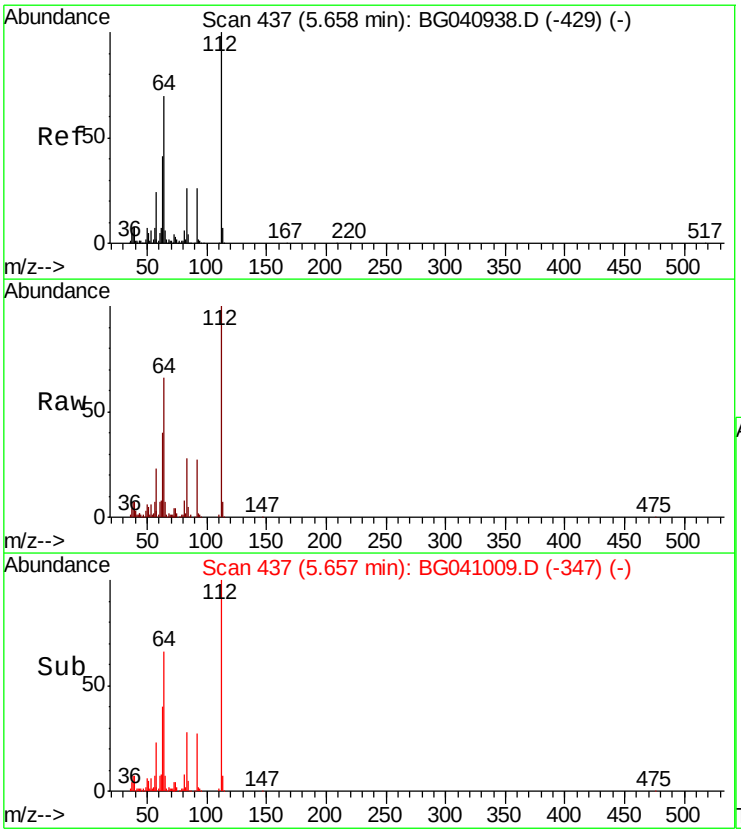
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
BNA_G
ClientSampleId :
251810

Tgt Ion:152 Resp: 61095

Ion	Ratio	Lower	Upper
152	100		
150	154.3	120.6	180.8
115	60.2	45.1	67.7

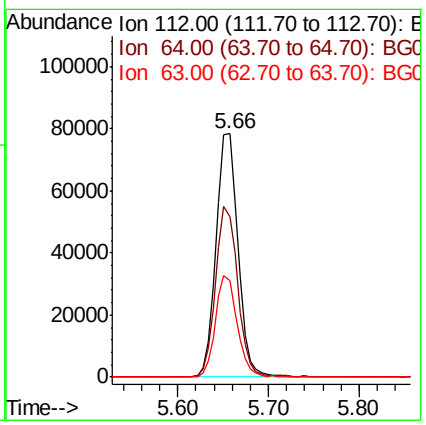


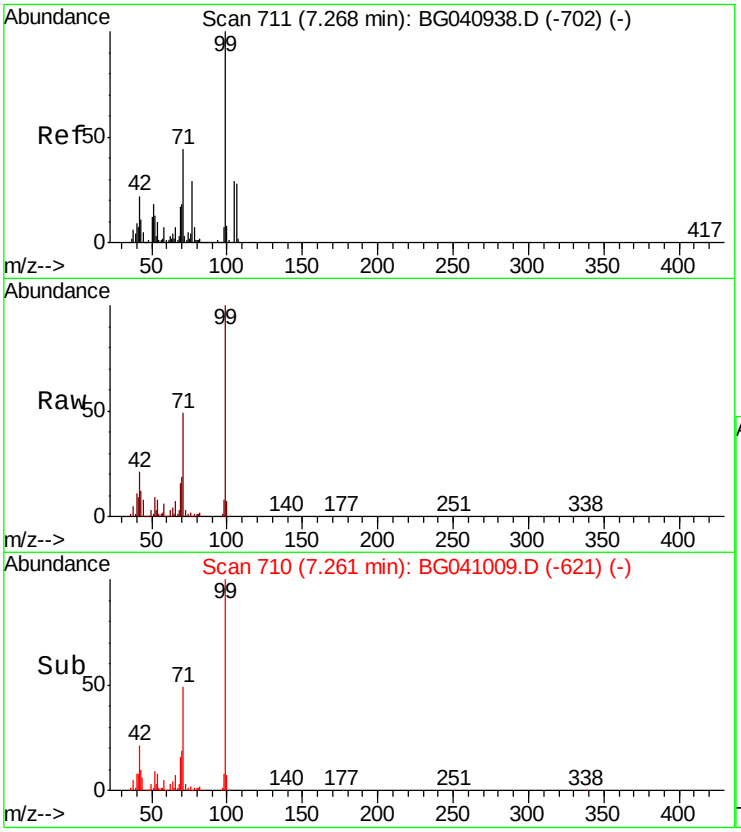


#5
2-Fluorophenol
Concen: 38.716 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion:112 Resp: 131173

Ion	Ratio	Lower	Upper
112	100		
64	66.0	56.2	84.2
63	39.8	32.8	49.2



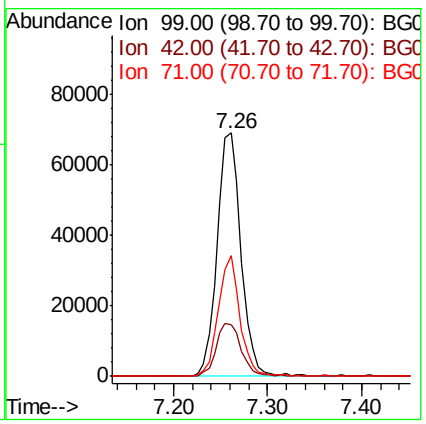


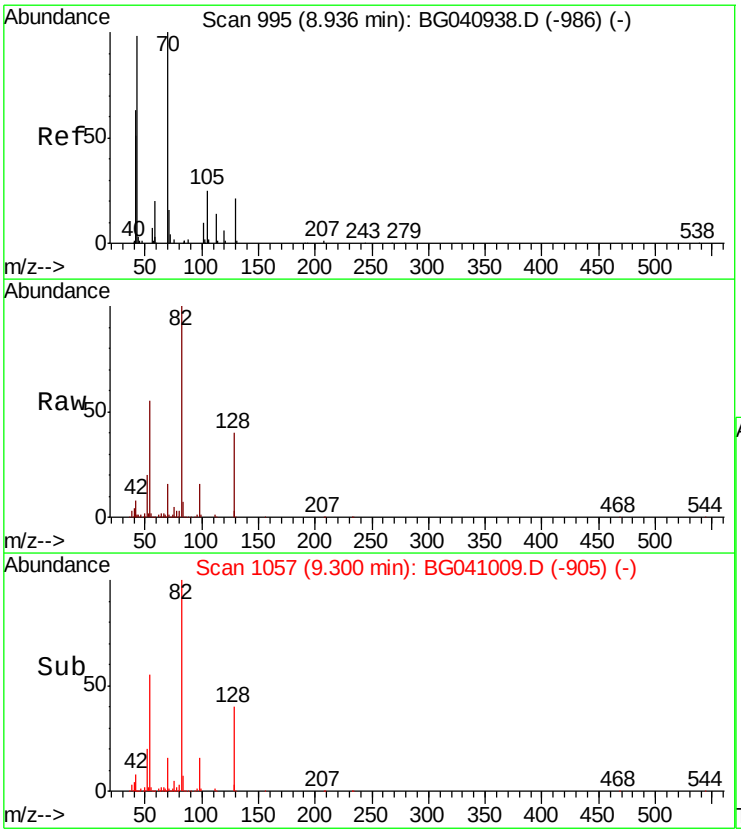
#7
Phenol-d6
Concen: 23.423 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
BNA_G
ClientSampleId :
251810

Tgt Ion: 99 Resp: 122565

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.9	26.9
71	49.4	35.4	53.0

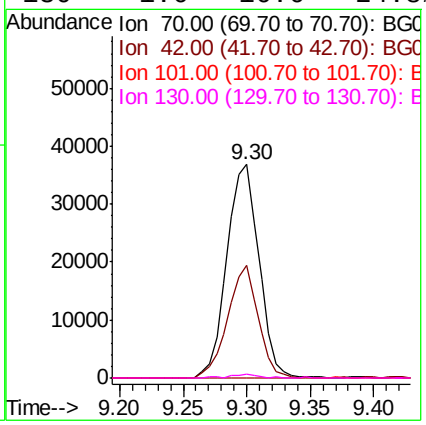


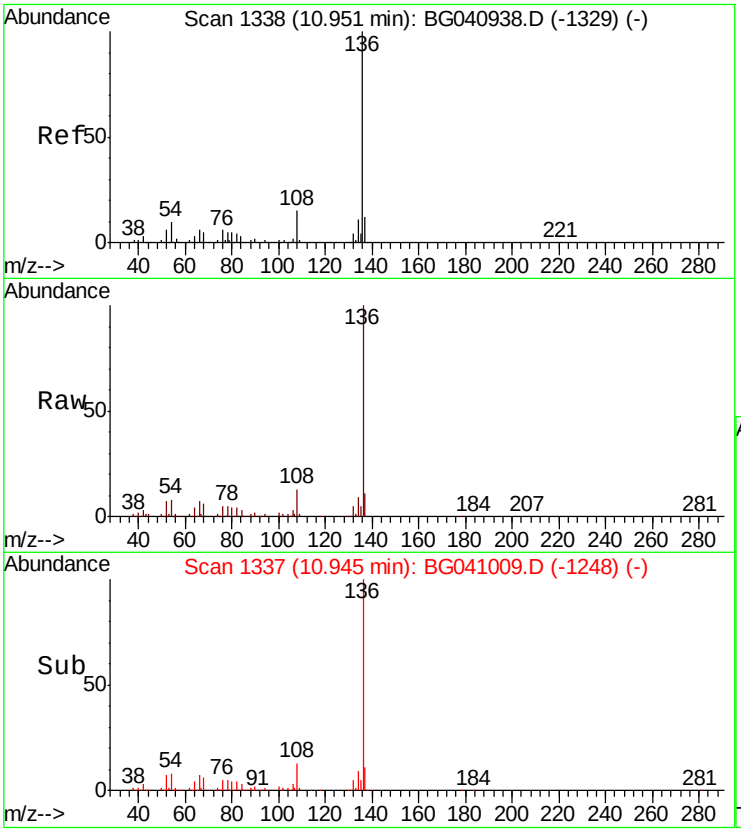


#19
n-Nitroso-di-n-propylamine
Concen: 15.999 ng
RT: 9.30 min Scan# 1057
Delta R.T. 0.36 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion: 70 Resp: 64426

Ion	Ratio	Lower	Upper
70	100		
42	52.7	51.5	77.3
101	0.0	8.1	12.1#
130	1.6	16.6	24.8#



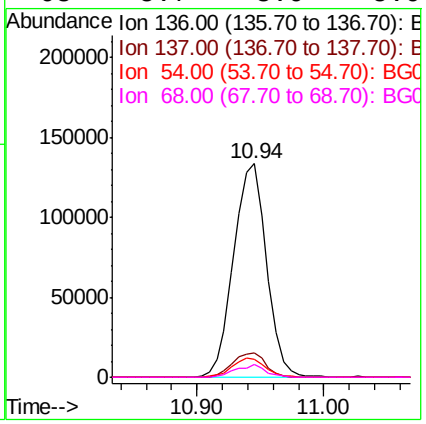


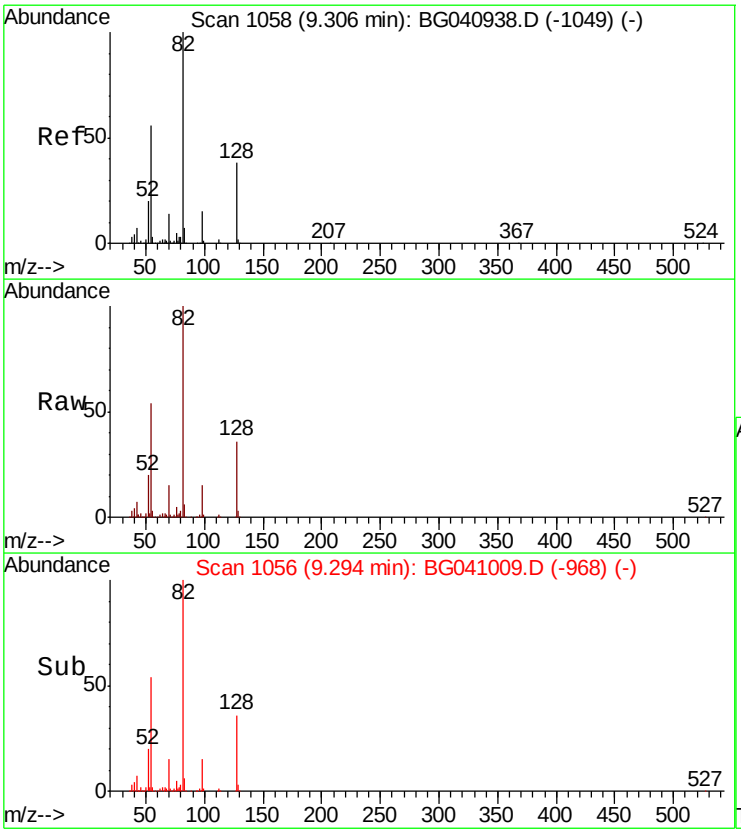
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
BNA_G
ClientSampleId :
251810

Tgt Ion:136 Resp: 240435

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.5	14.3
54	8.4	7.6	11.4
68	5.7	3.9	5.9

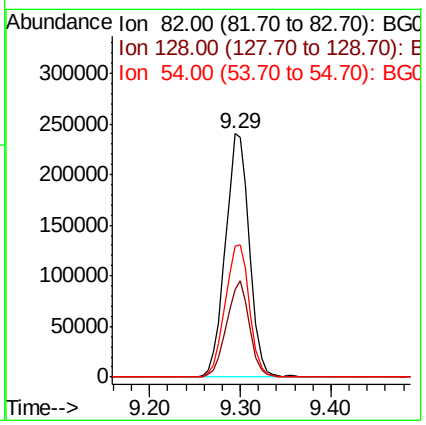


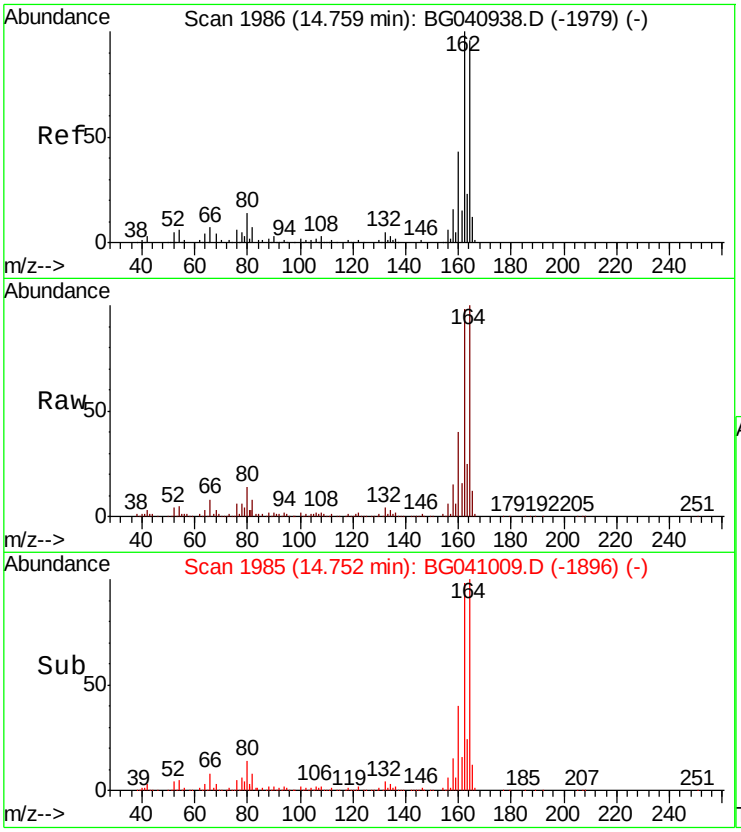


#23
Nitrobenzene-d5
Concen: 81.487 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion: 82 Resp: 441331

Ion	Ratio	Lower	Upper
82	100		
128	35.7	30.5	45.7
54	53.7	44.6	66.8



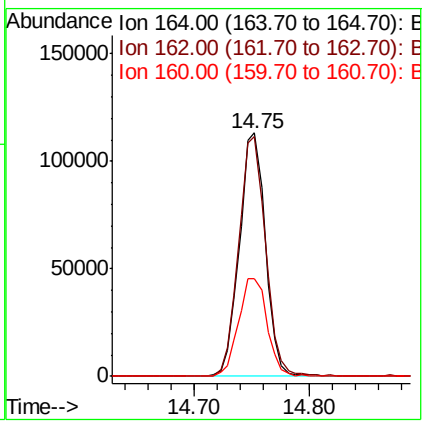


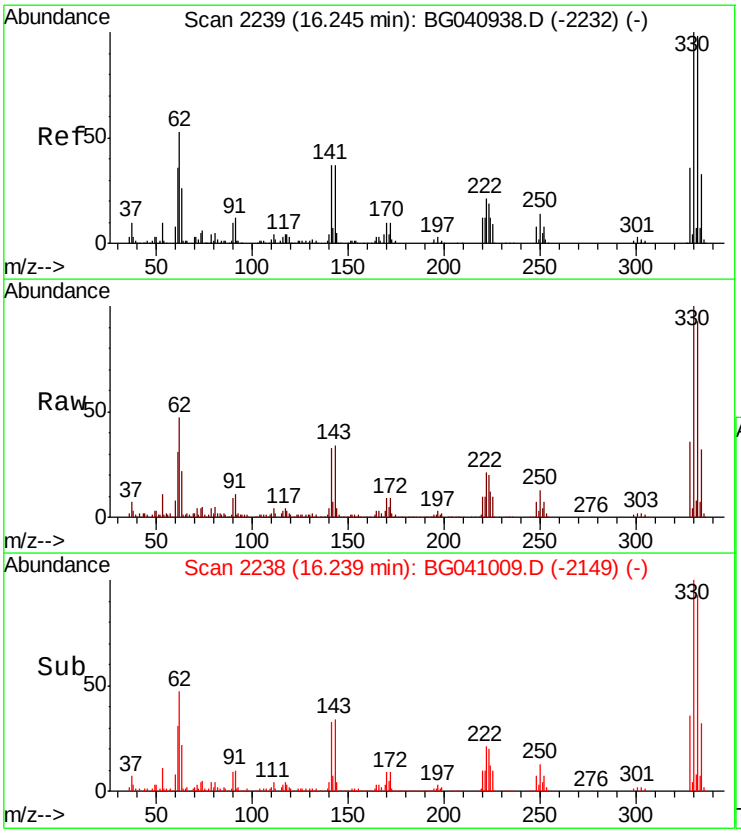
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
BNA_G
ClientSampleId :
251810

Tgt Ion:164 Resp: 177042

Ion	Ratio	Lower	Upper
164	100		
162	98.5	83.0	124.4
160	40.3	35.6	53.4

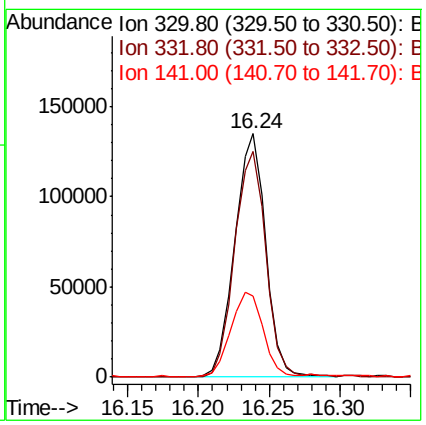


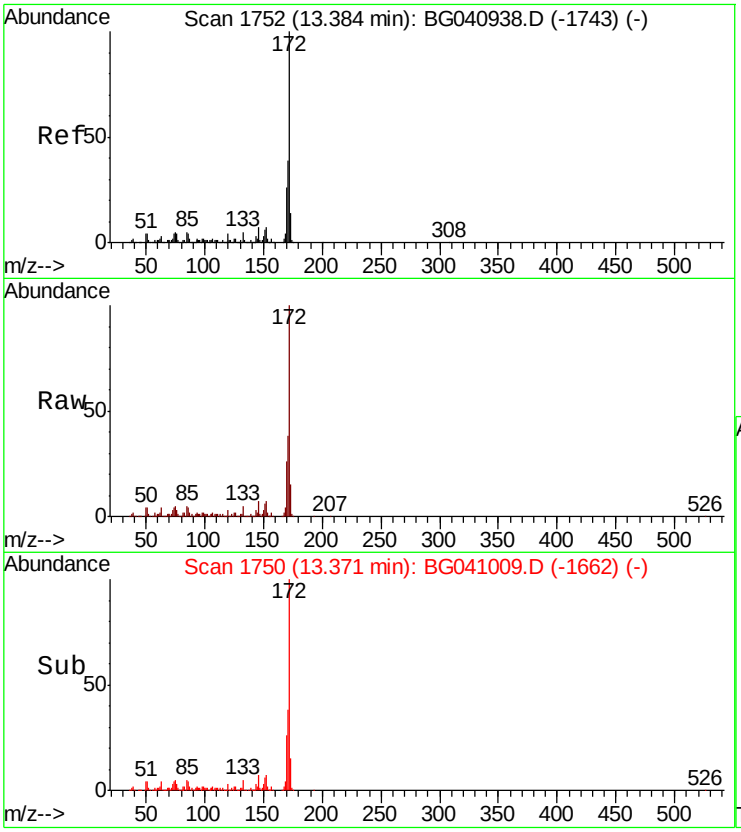


#42
2,4,6-Tribromophenol
Concen: 78.228 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion:330 Resp: 205607

Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.5	117.7
141	35.8	28.7	43.1



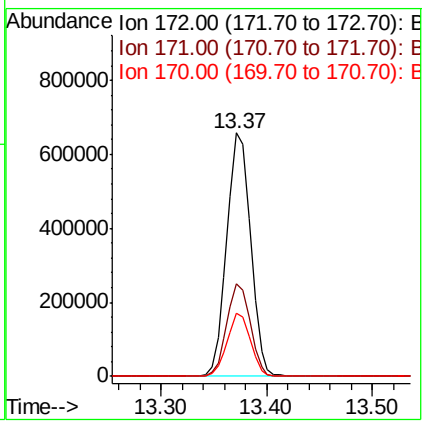


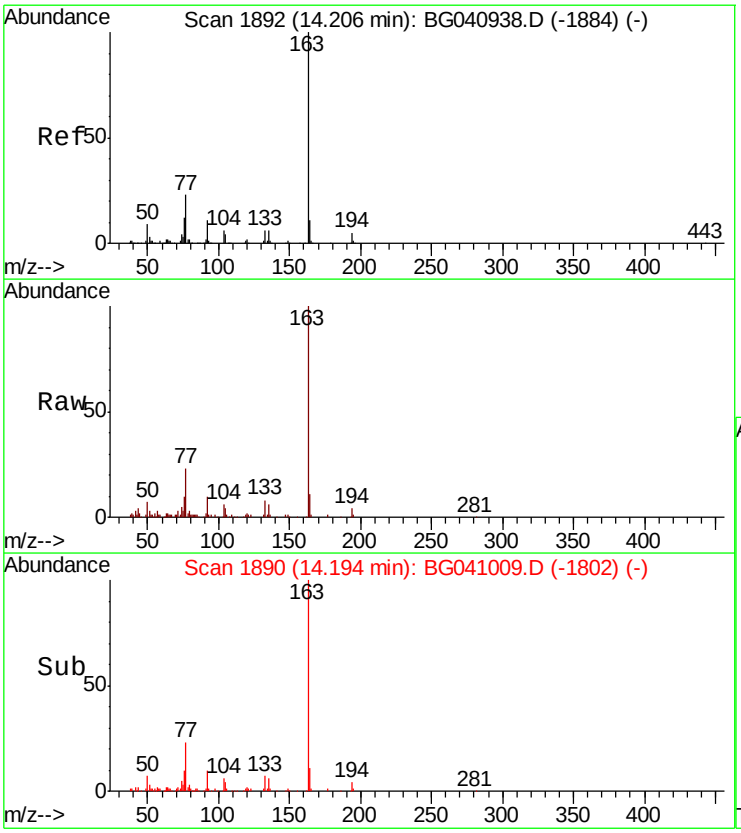
#45
2-Fluorobiphenyl
Concen: 83.761 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
BNA_G
ClientSampleId :
251810

Tgt Ion:172 Resp: 1029725

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.8	20.5	30.7

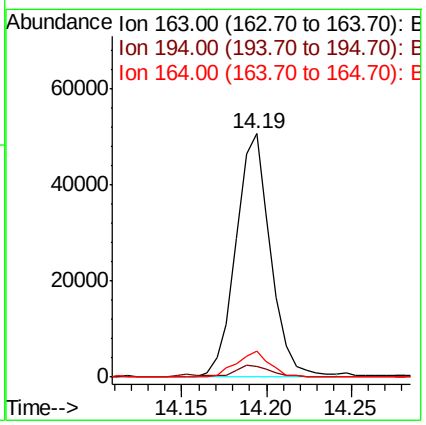


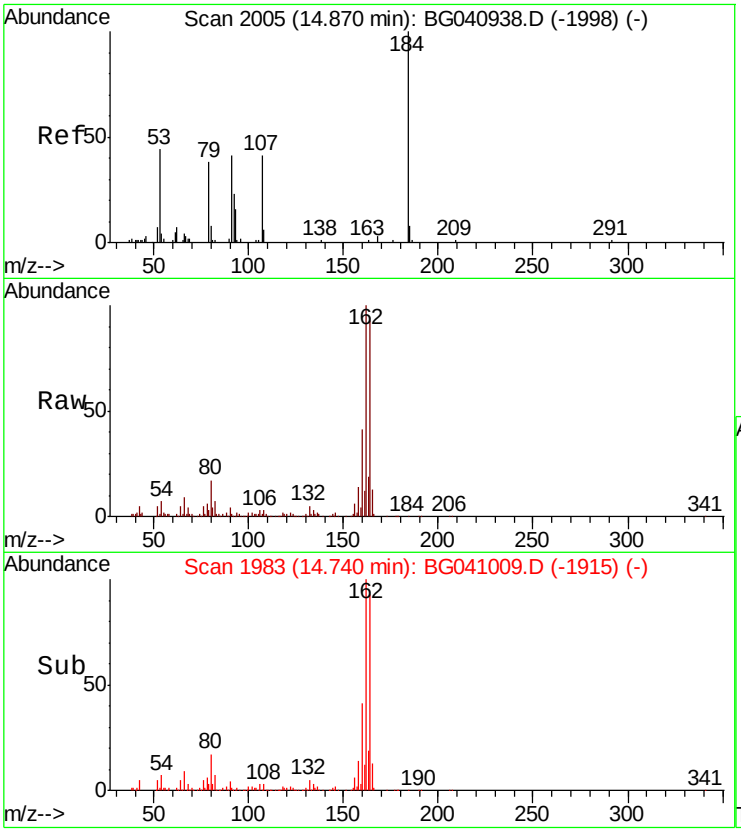


#50
Dimethylphthalate
Concen: 4.838 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion:163 Resp: 72501

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.8
164	10.6	8.7	13.1



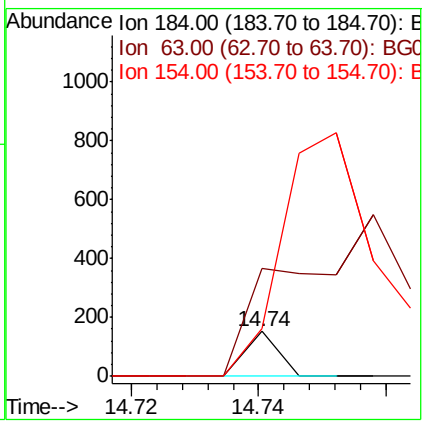


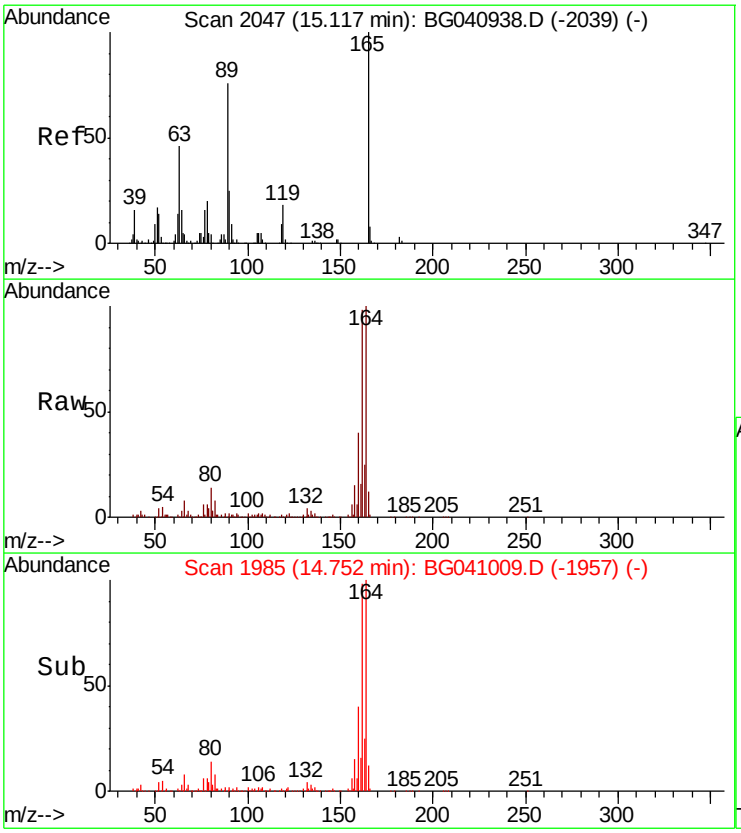
#54
2,4-Dinitrophenol
Concen: 8.291 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.13 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
BNA_G
ClientSampleId :
251810

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	240.8	49.8	74.6#
154	105.3	52.2	78.4#

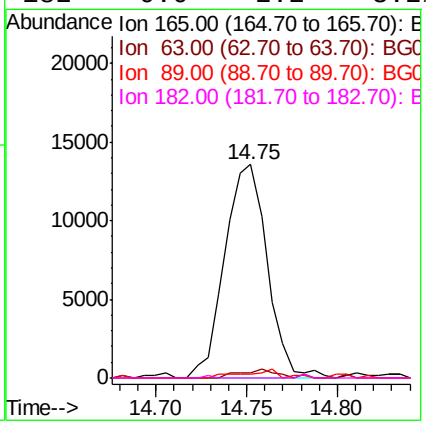


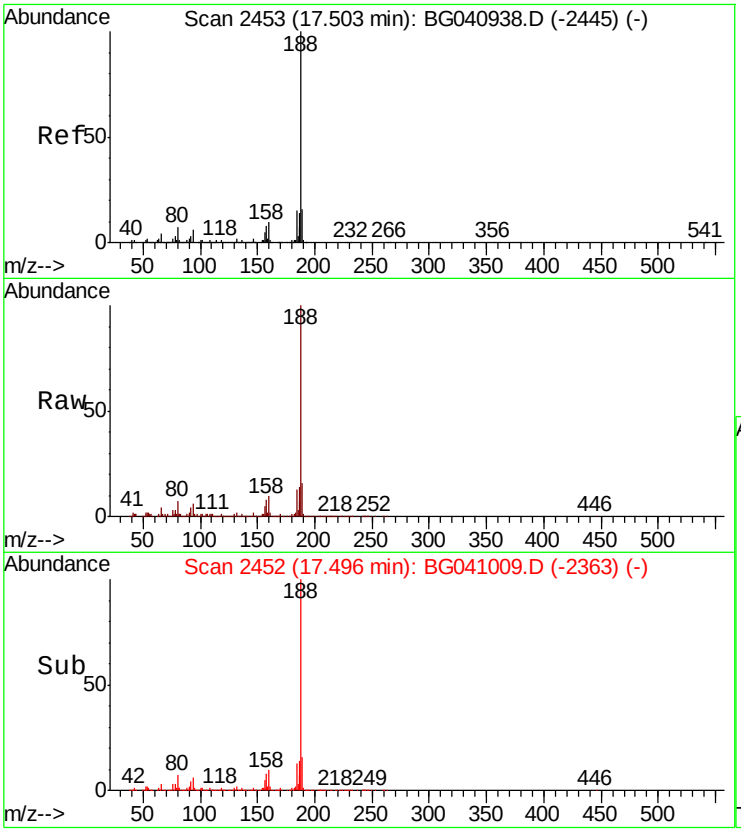


#57
2,4-Dinitrotoluene
Concen: 4.842 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.36 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion:165 Resp: 22101

Ion	Ratio	Lower	Upper
165	100		
63	2.5	37.3	55.9#
89	2.0	61.0	91.6#
182	0.0	2.2	3.2#



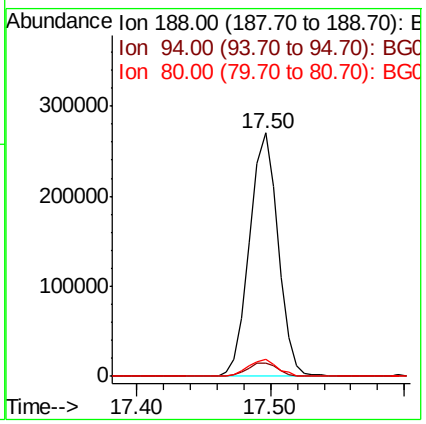


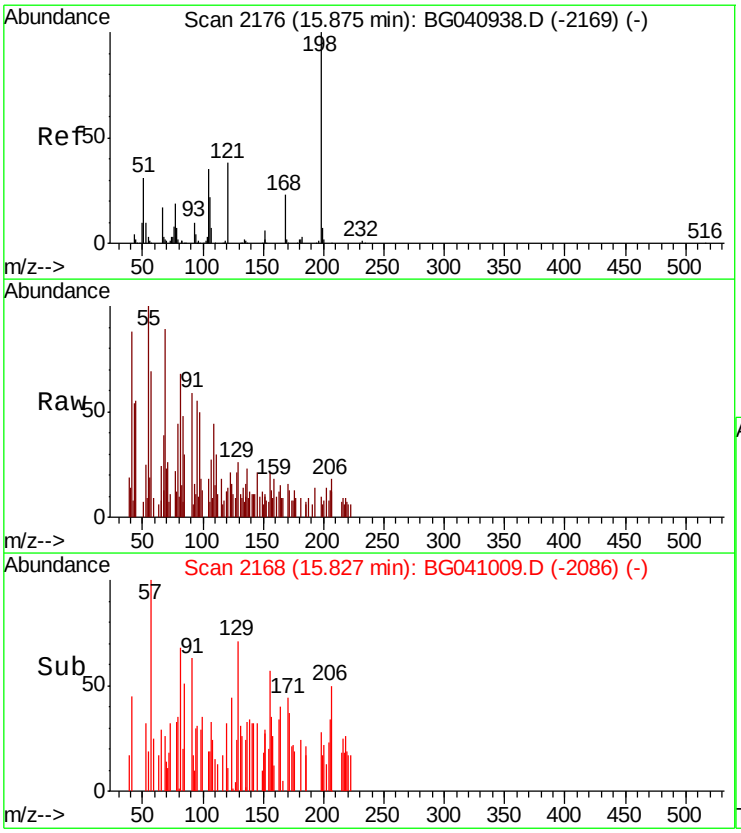
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
BNA_G
ClientSampleId :
251810

Tgt Ion:188 Resp: 397621

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	6.9	5.8	8.8

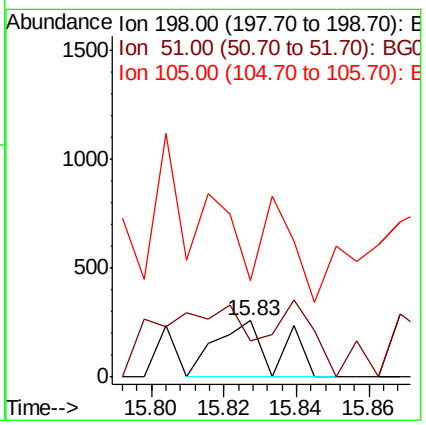


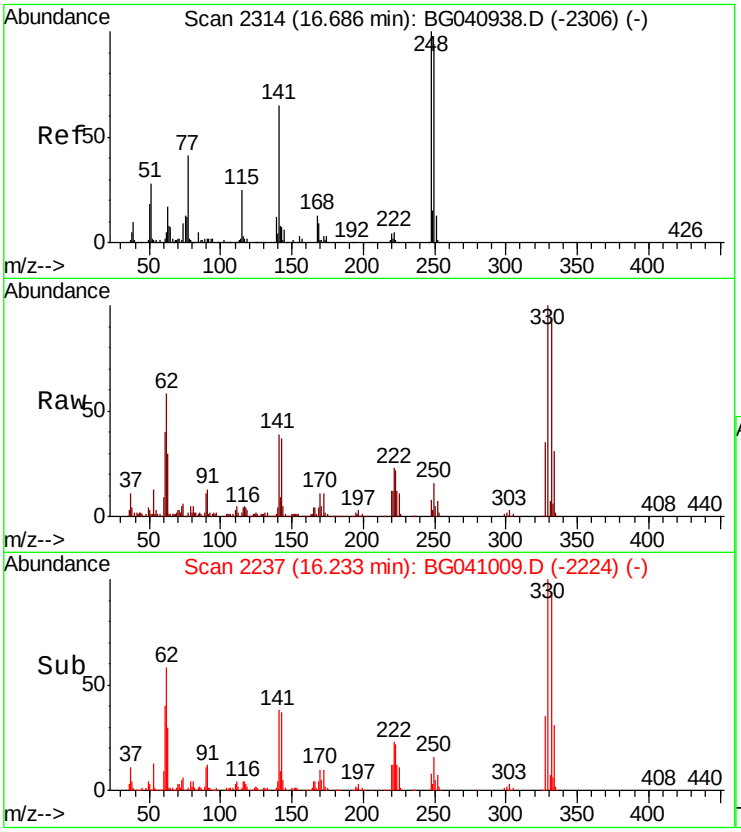


#65
4,6-Dinitro-2-methylphenol
Concen: 8.704 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.05 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion:198 Resp: 298

Ion	Ratio	Lower	Upper
198	100		
51	64.9	21.6	61.6#
105	171.4	17.5	57.5#



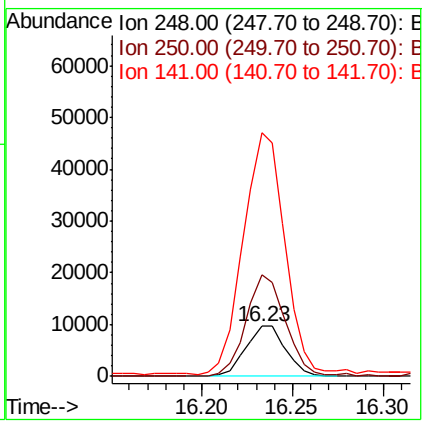


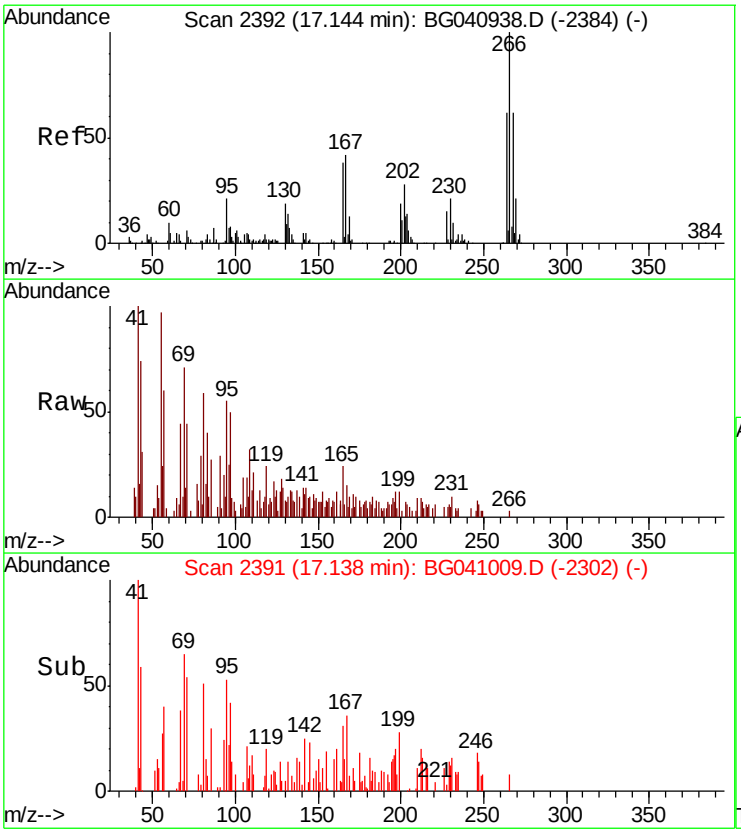
#67
4-Bromophenyl-phenylether
Concen: 2.787 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.45 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
BNA_G
ClientSampleId :
251810

Tgt Ion:248 Resp: 14956

Ion	Ratio	Lower	Upper
248	100		
250	202.0	75.0	112.4#
141	484.9	52.4	78.6#

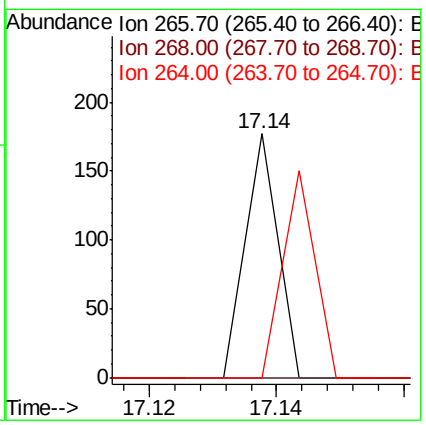


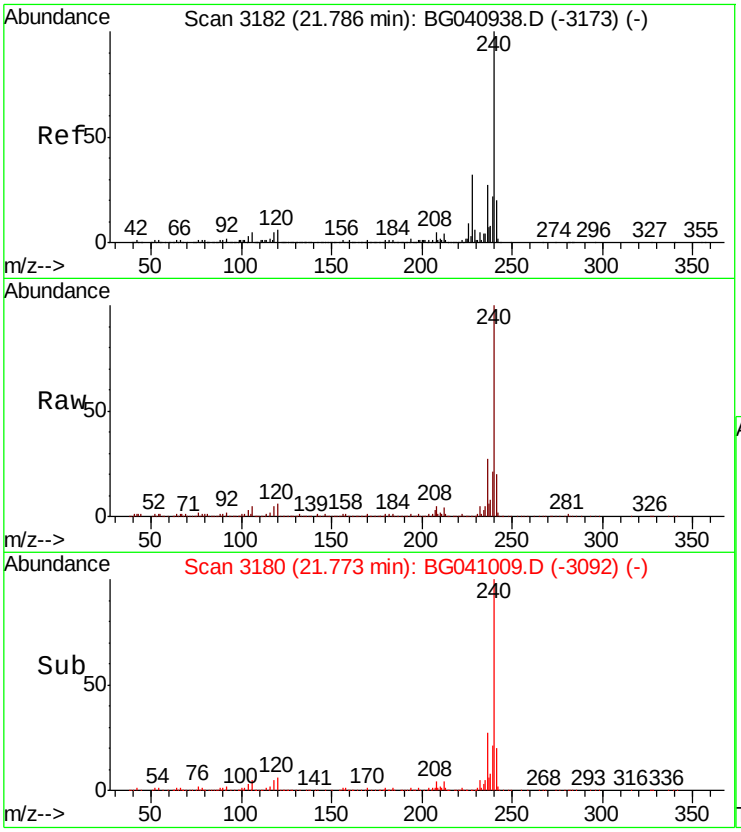


#70
Pentachlorophenol
Concen: 4.275 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion:266 Resp: 62

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.1	79.7#
264	0.0	49.9	74.9#



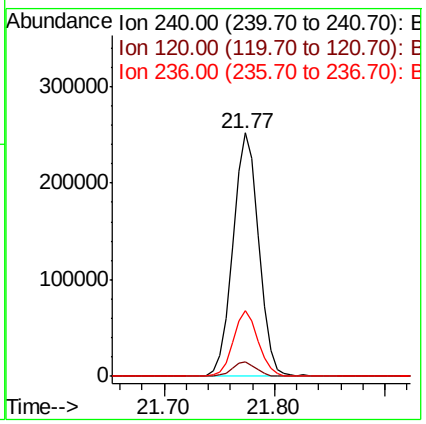


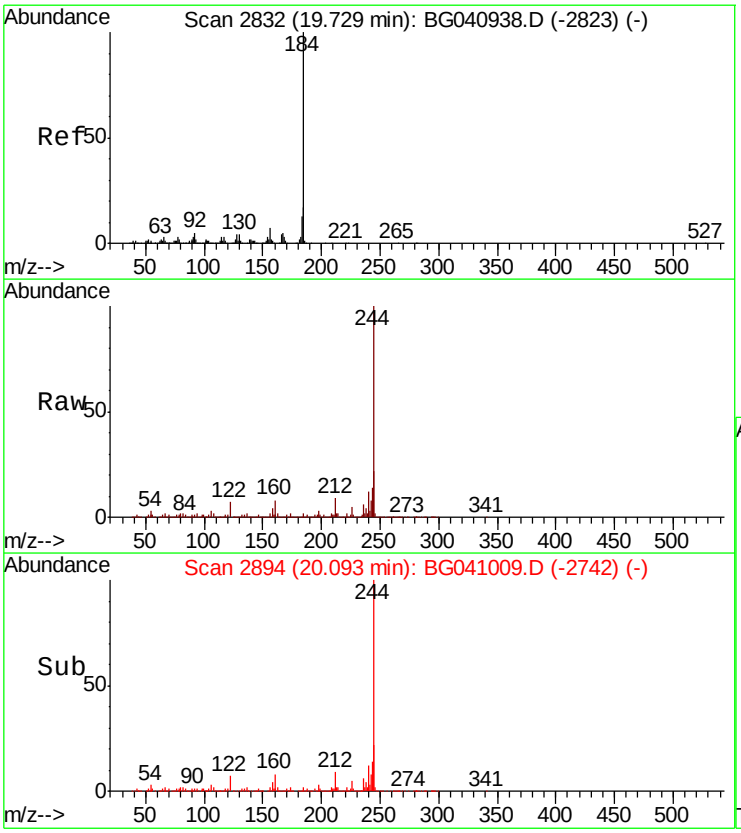
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
BNA_G
ClientSampleId :
251810

Tgt Ion:240 Resp: 413523

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.5	6.7
236	26.8	21.3	31.9

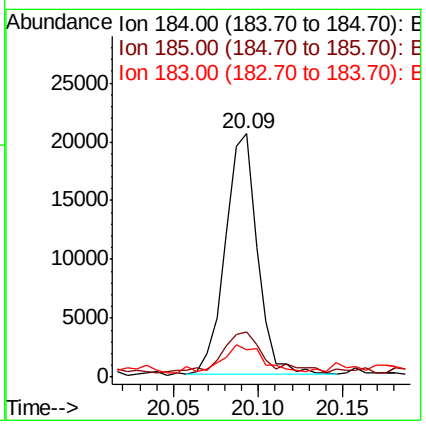


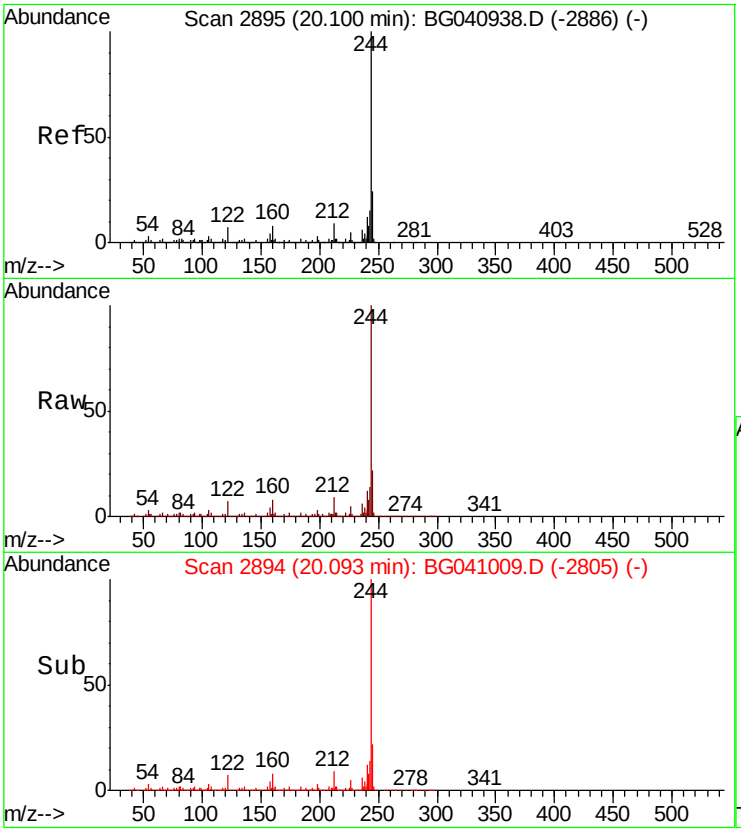


#77
Benzidine
Concen: 2.719 ng
RT: 20.09 min Scan# 2894
Delta R.T. 0.36 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion:184 Resp: 26826

Ion	Ratio	Lower	Upper
184	100		
185	18.5	13.3	19.9
183	11.0	10.7	16.1



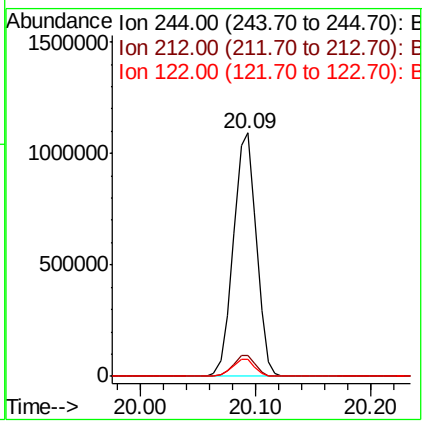


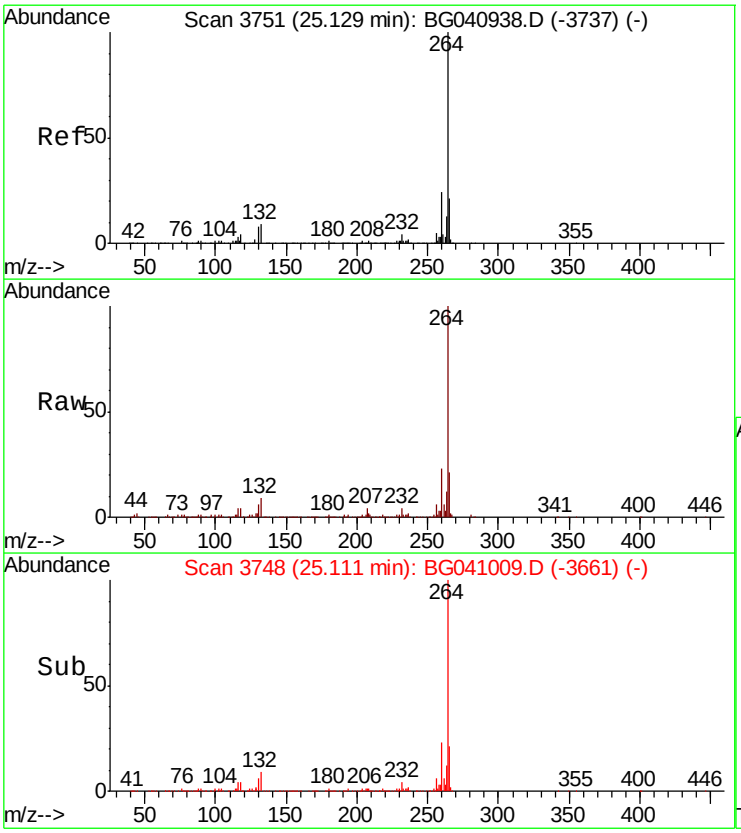
#79
Terphenyl-d14
Concen: 76.804 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
BNA_G
ClientSampleId :
251810

Tgt Ion:244 Resp: 1496467

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	6.8	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3748
Delta R.T. -0.02 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion:264 Resp: 440164

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.2	17.0	25.4