Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041196.D
Acq On : 11 Jun 2019 19:55
Operator : HP/JU
Sample : PB120503BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 12 01:59:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	37786	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	166720	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	129392	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	322593	20.00	ng	0.00
76) Chrysene-d12	21.76	240	318044	20.00	ng	0.00
87) Perylene-d12	25.09	264	292308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	316042	150.82	ng	0.00
7) Phenol-d6	7.26	99	474155	146.51	ng	0.00
23) Nitrobenzene-d5	9.28	82	329742	87.80	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	261051	135.90	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	849442	94.54	ng	0.00
79) Terphenyl-d14	20.08	244	1484489	99.06	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	45966	18.457	ng	# 74
41) Hexachlorocyclopentadiene	13.09	237	67	8.257	ng	# 26
51) 2,6-Dinitrotoluene	14.74	165	16099	6.817	ng	# 21
54) 2,4-Dinitrophenol	15.22	184	55	8.307	ng	# 18
57) 2,4-Dinitrotoluene	14.74	165	16099	4.826	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	754	8.948	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	19392	4.454	ng	# 1
77) Benzidine	20.08	184	25005	3.296	ng	# 95

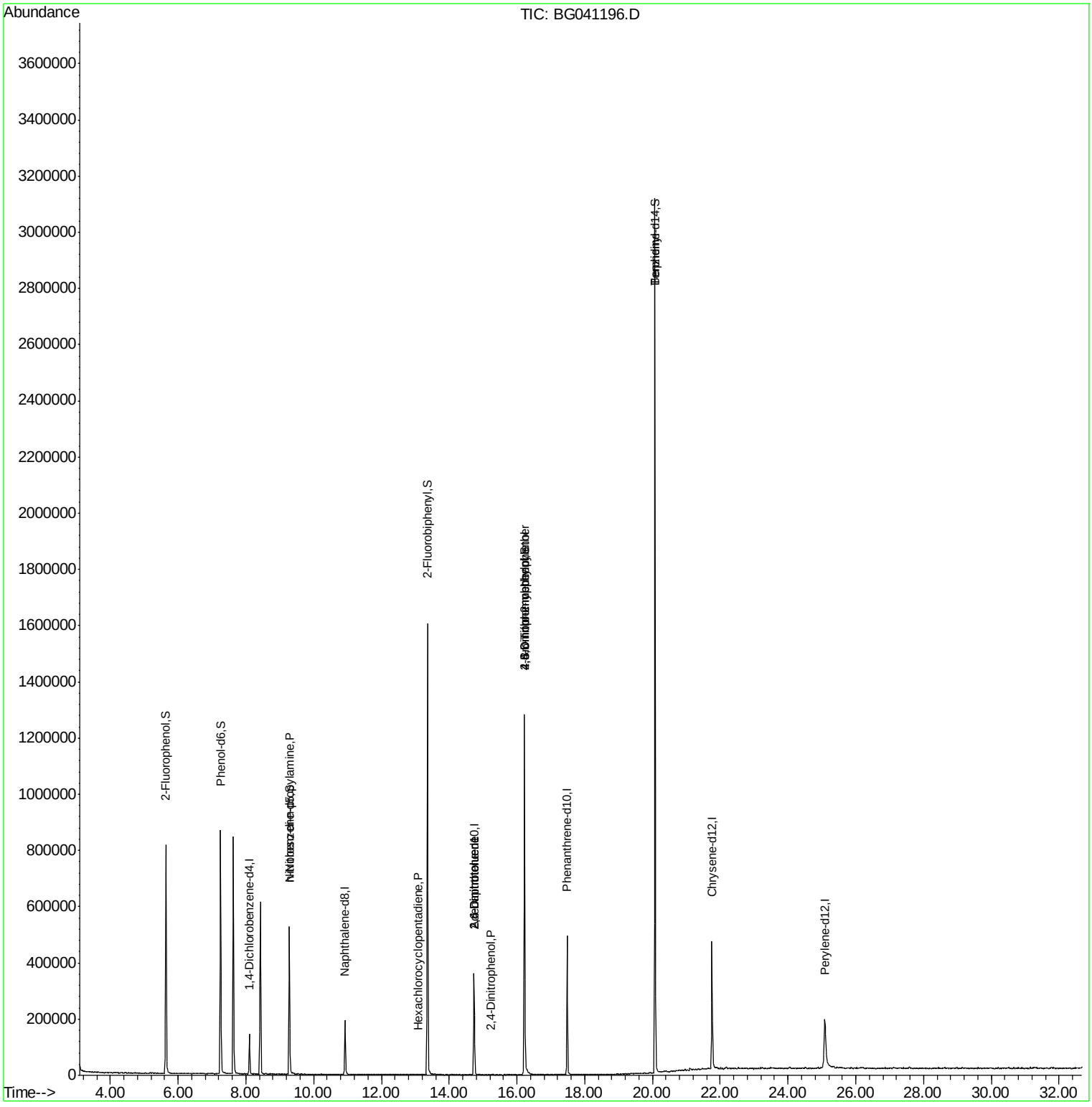
(#) = qualifier out of range (m) = manual integration (+) = signals summed

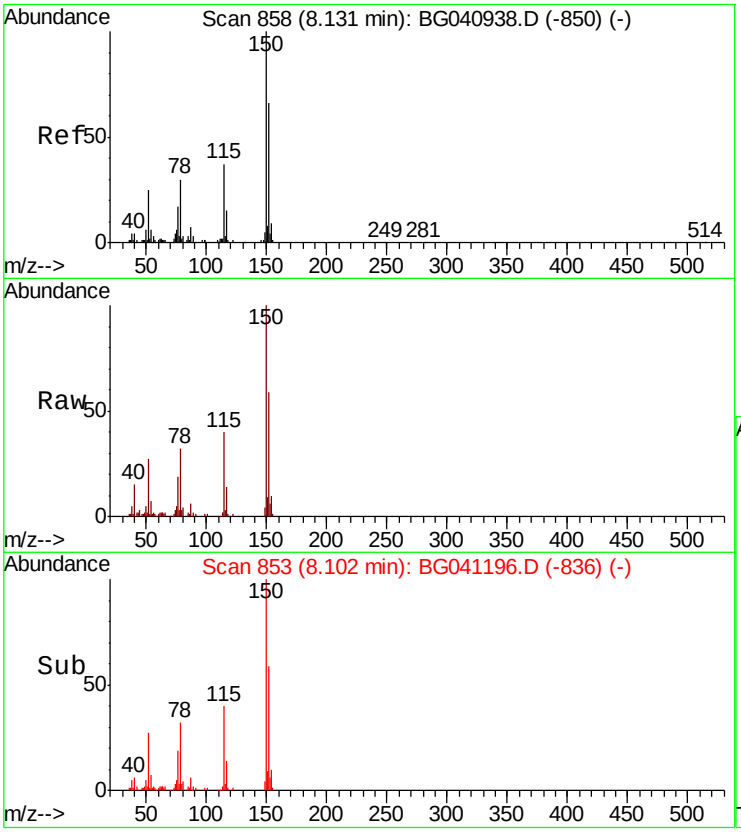
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041196.D
Acq On : 11 Jun 2019 19:55
Operator : HP/JU
Sample : PB120503BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 12 01:59:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration



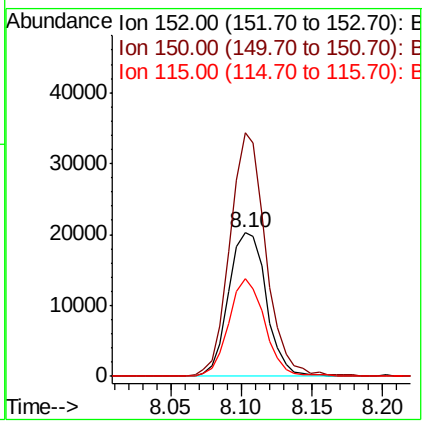


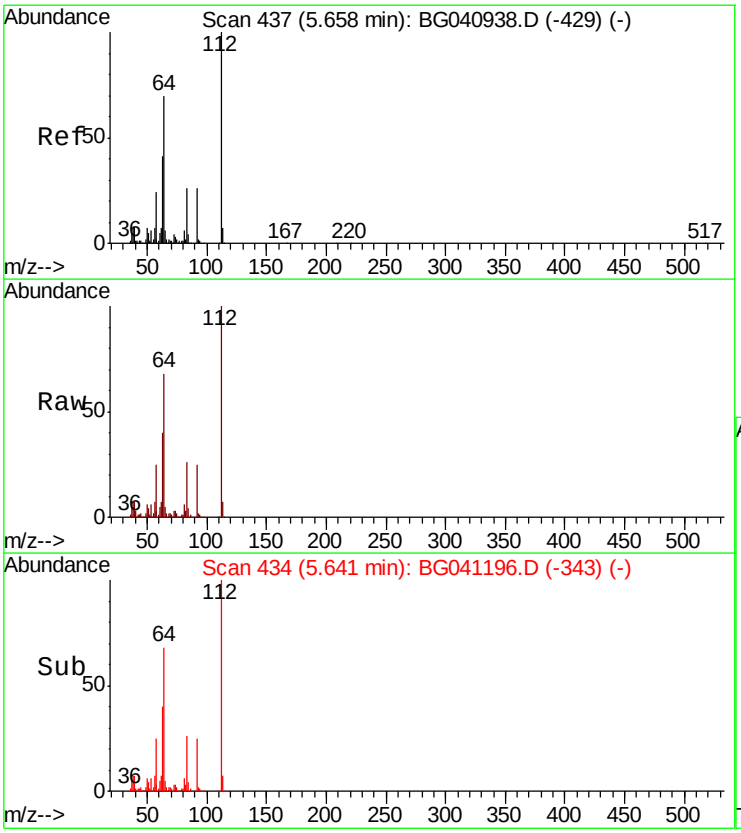
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37786

Ion	Ratio	Lower	Upper
152	100		
150	170.0	120.6	180.8
115	68.2	45.1	67.7#

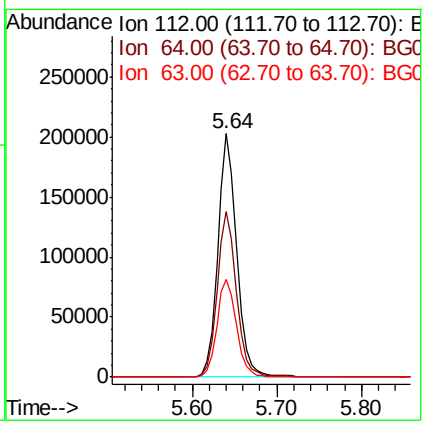


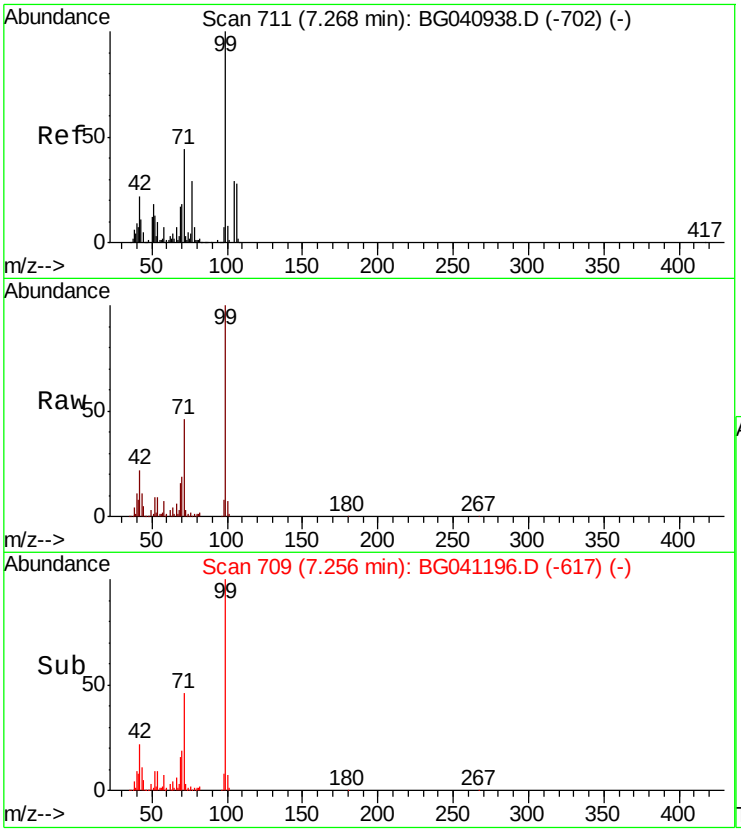


#5
2-Fluorophenol
Concen: 150.821 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion:112 Resp: 316042

Ion	Ratio	Lower	Upper
112	100		
64	67.9	56.2	84.2
63	39.9	32.8	49.2



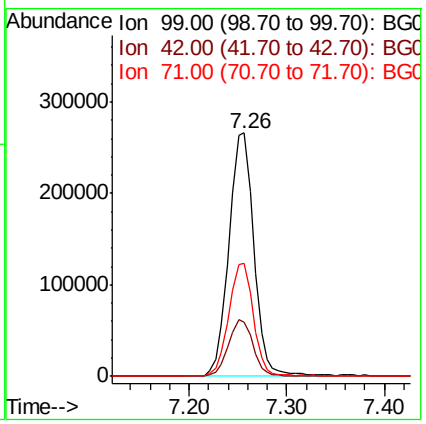


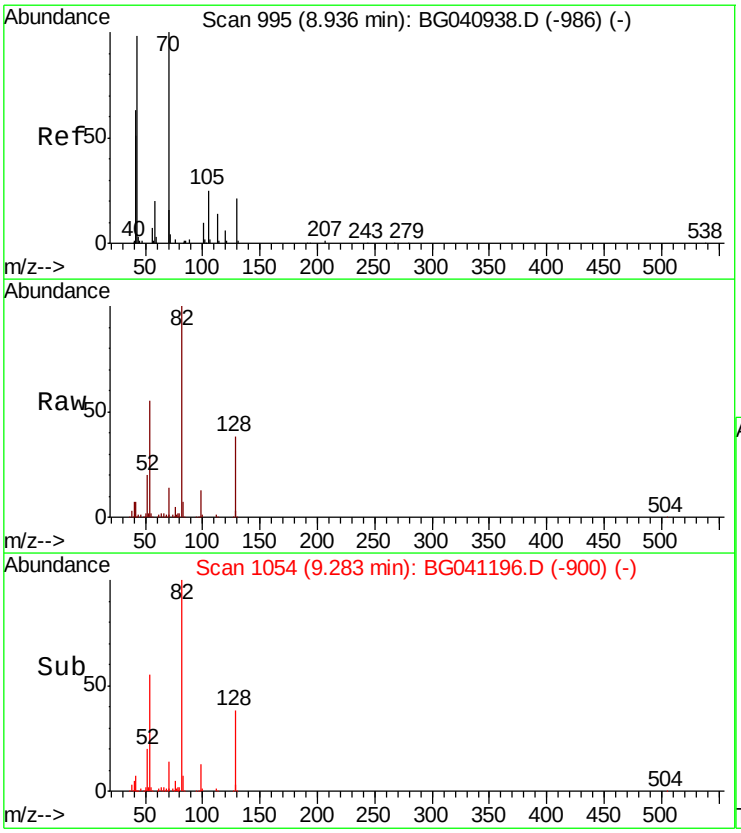
#7
Phenol-d6
Concen: 146.513 ng
RT: 7.26 min Scan# 709
Delta R.T. 0.01 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 474155

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.9	26.9
71	46.3	35.4	53.0

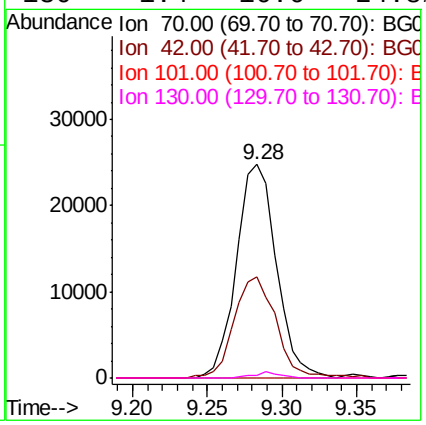


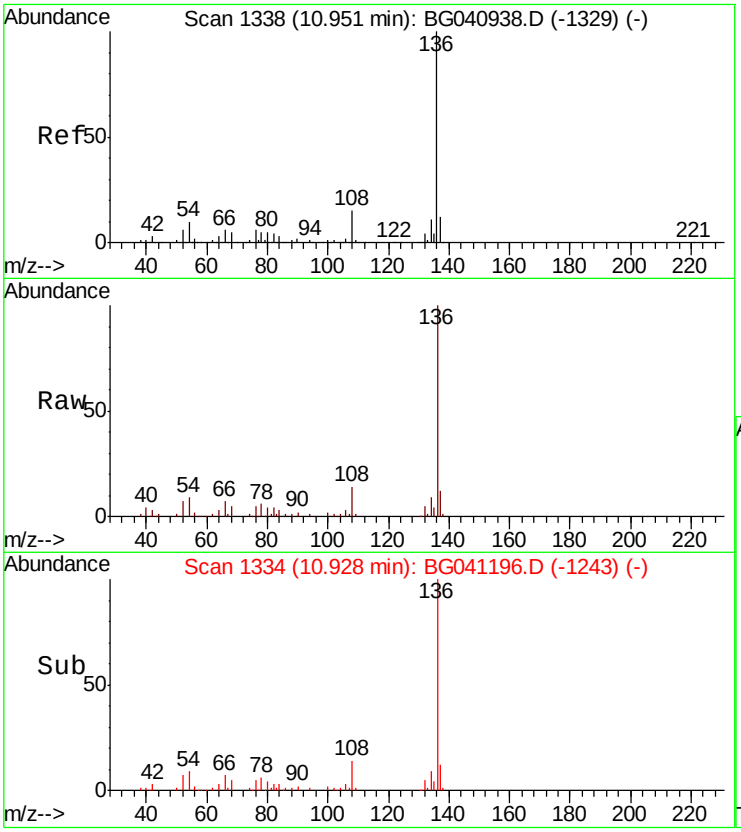


#19
n-Nitroso-di-n-propylamine
Concen: 18.457 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.37 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion: 70 Resp: 45966

Ion	Ratio	Lower	Upper
70	100		
42	47.5	51.5	77.3#
101	0.0	8.1	12.1#
130	1.4	16.6	24.8#



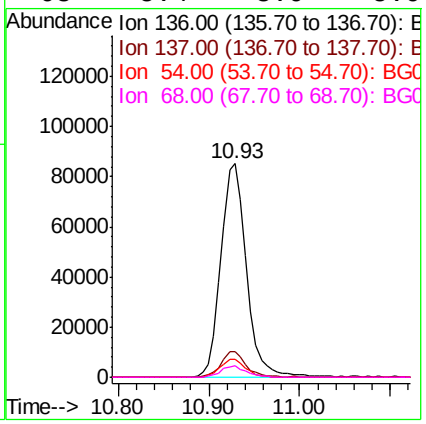


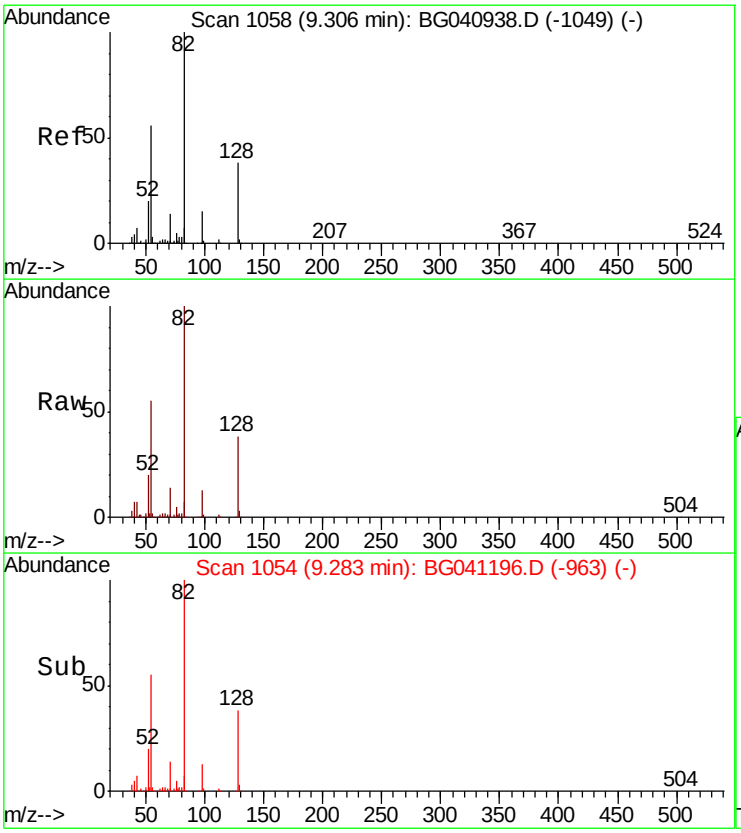
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 166720

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	8.6	7.6	11.4
68	5.4	3.9	5.9

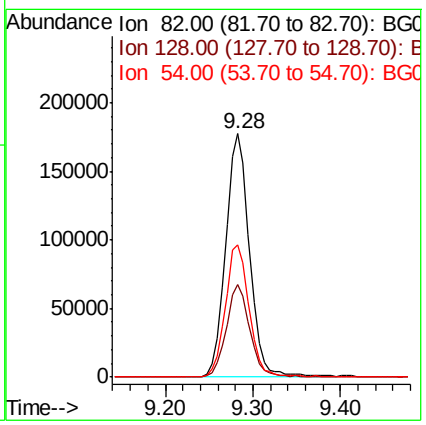


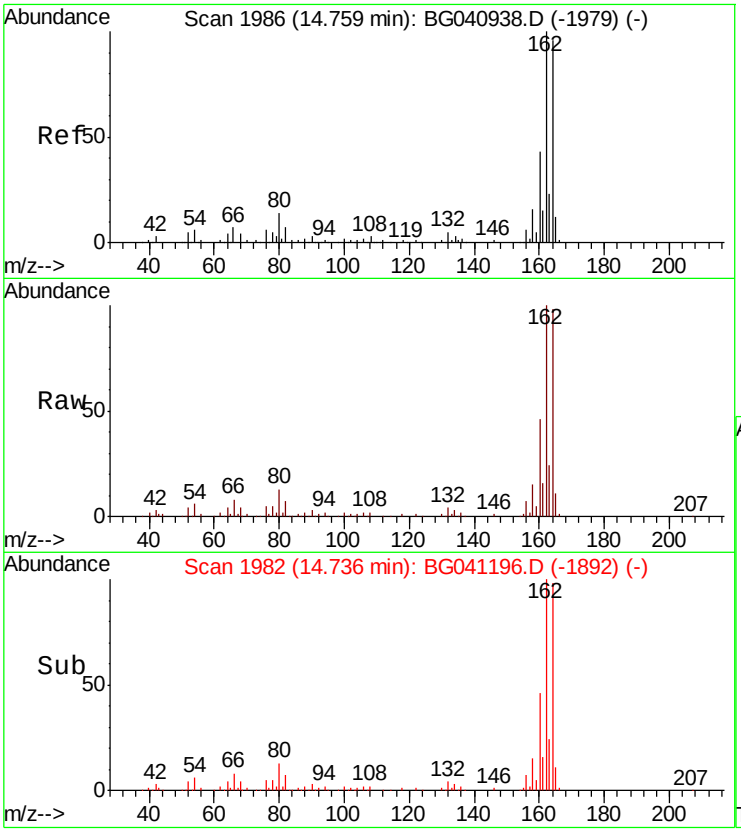


#23
Nitrobenzene-d5
Concen: 87.803 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion: 82 Resp: 329742

Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.5	45.7
54	54.6	44.6	66.8



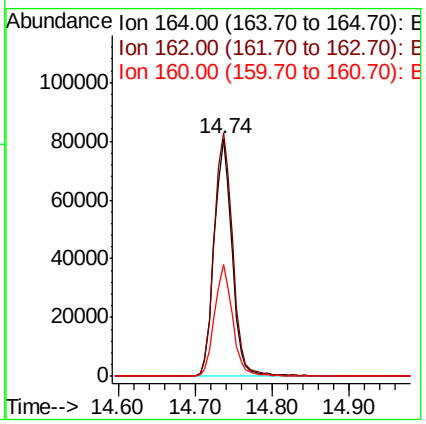


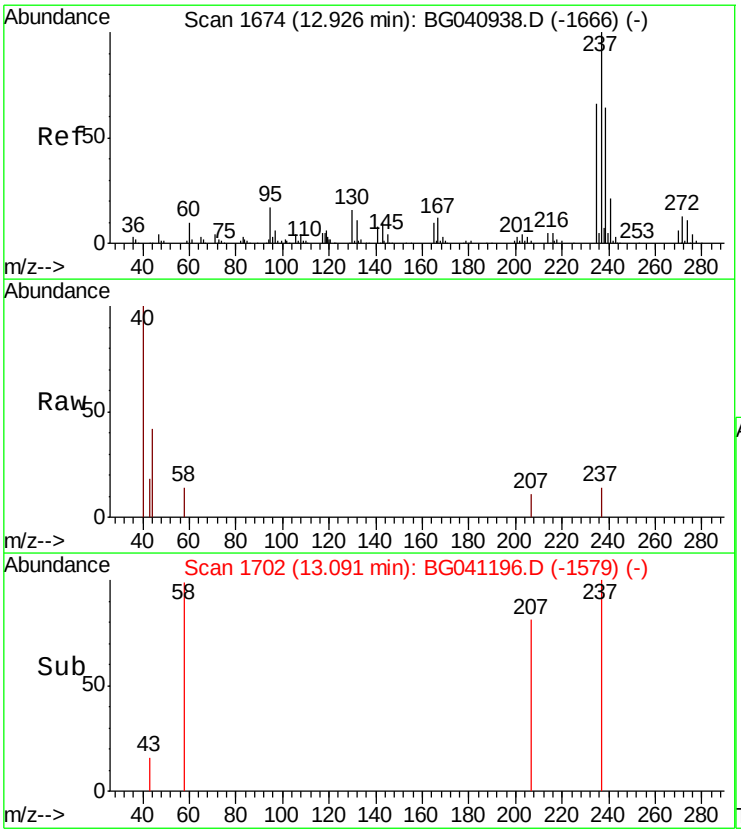
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 129392

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.0	124.4
160	47.2	35.6	53.4

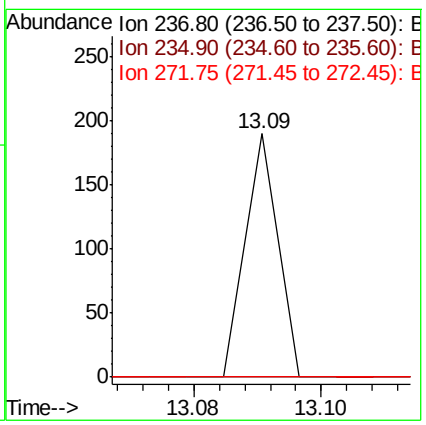


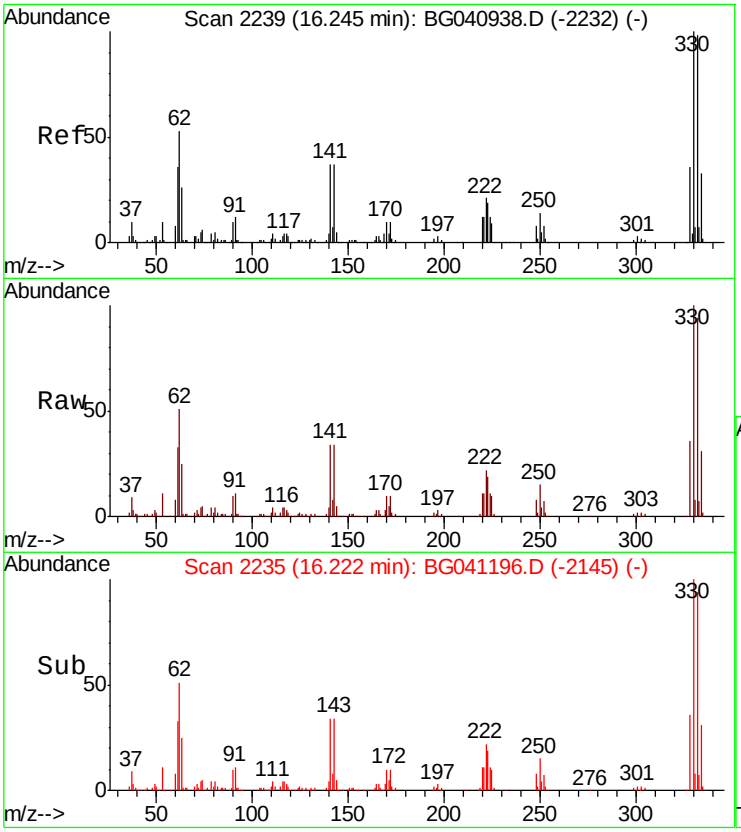


#41
Hexachlorocyclopentadiene
Concen: 8.257 ng
RT: 13.09 min Scan# 1702
Delta R.T. 0.19 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion:237 Resp: 67

Ion	Ratio	Lower	Upper
237	100		
235	0.0	45.5	85.5#
272	0.0	0.0	32.9



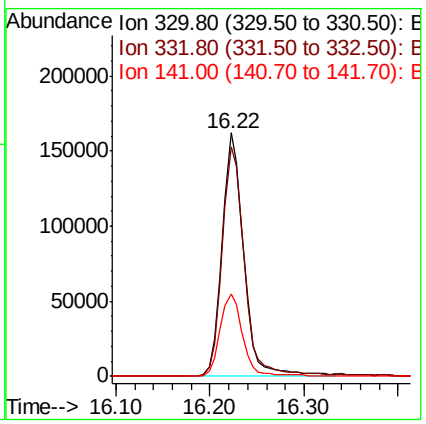


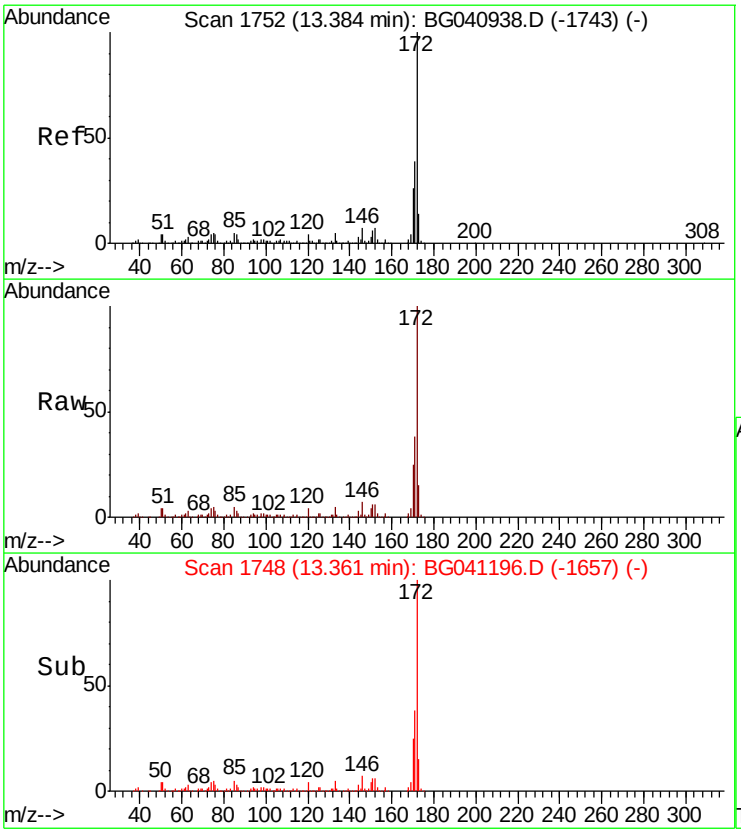
#42
2,4,6-Tribromophenol
Concen: 135.899 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 261051

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	35.6	28.7	43.1

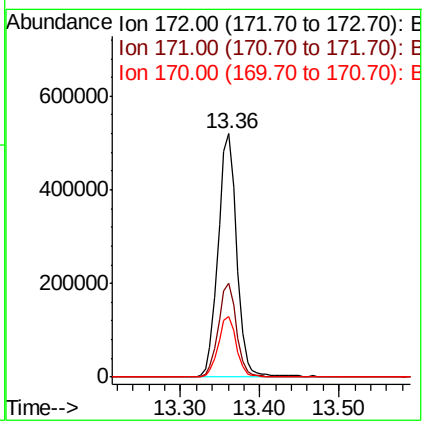


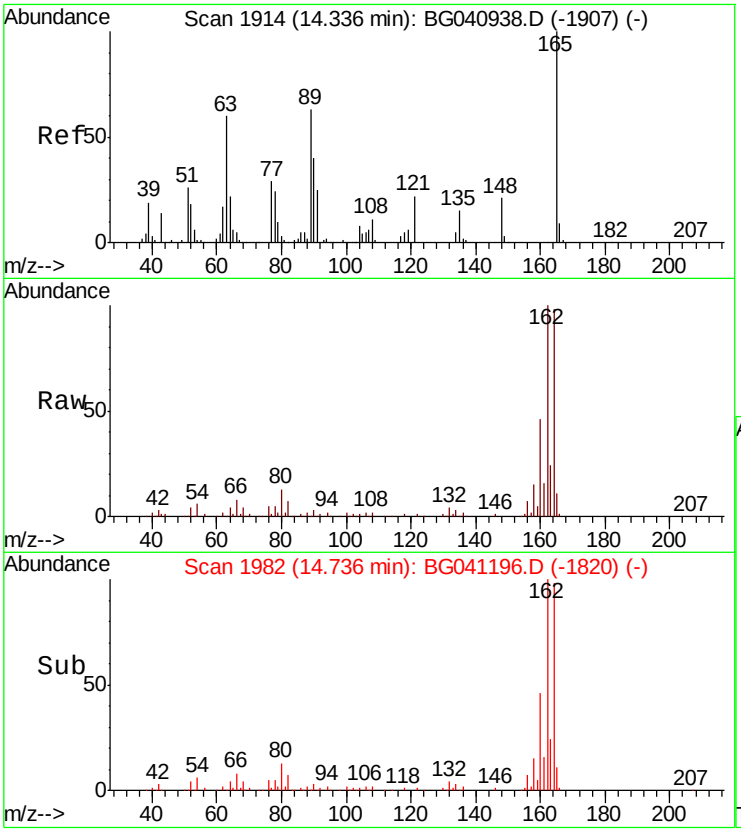


#45
2-Fluorobiphenyl
Concen: 94.541 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion:172 Resp: 849442

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.1	46.7
170	25.1	20.5	30.7



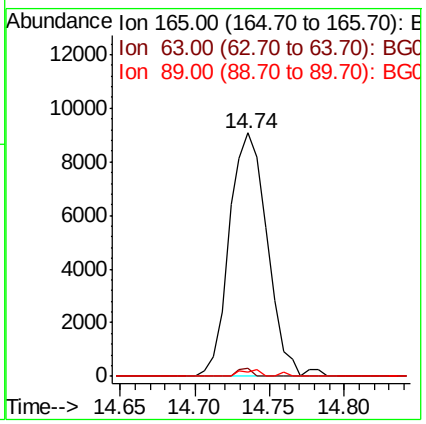


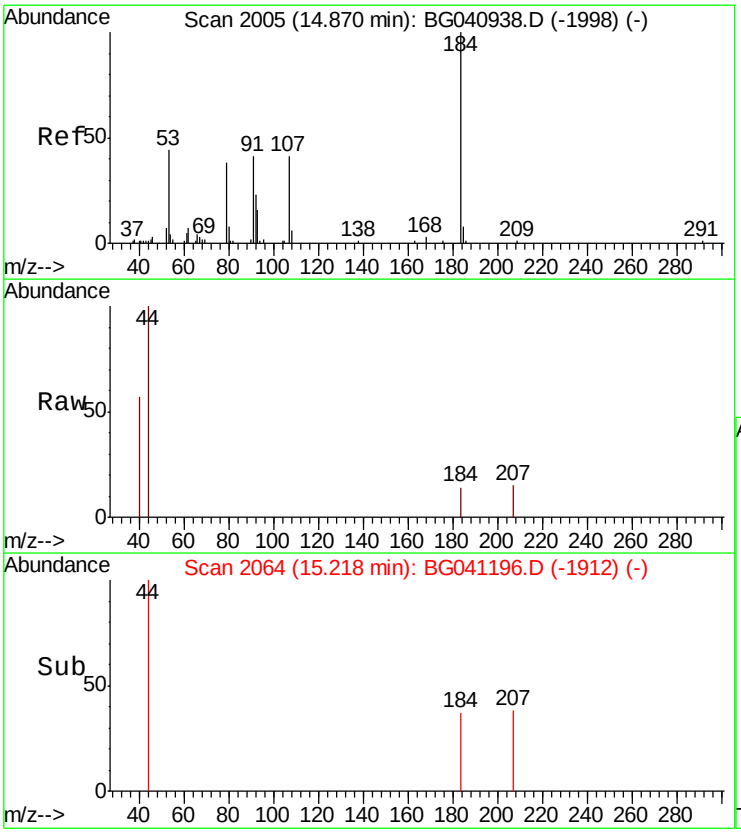
#51
2,6-Dinitrotoluene
Concen: 6.817 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.42 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16099

Ion	Ratio	Lower	Upper
165	100		
63	3.2	53.6	80.4#
89	1.7	50.4	75.6#

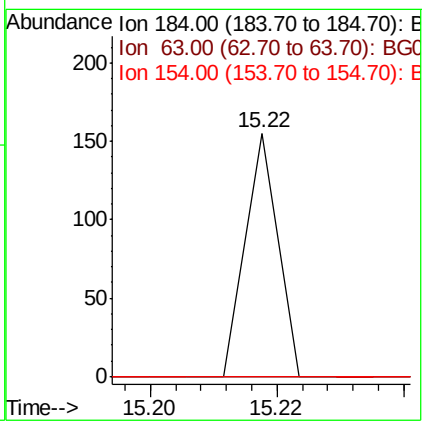


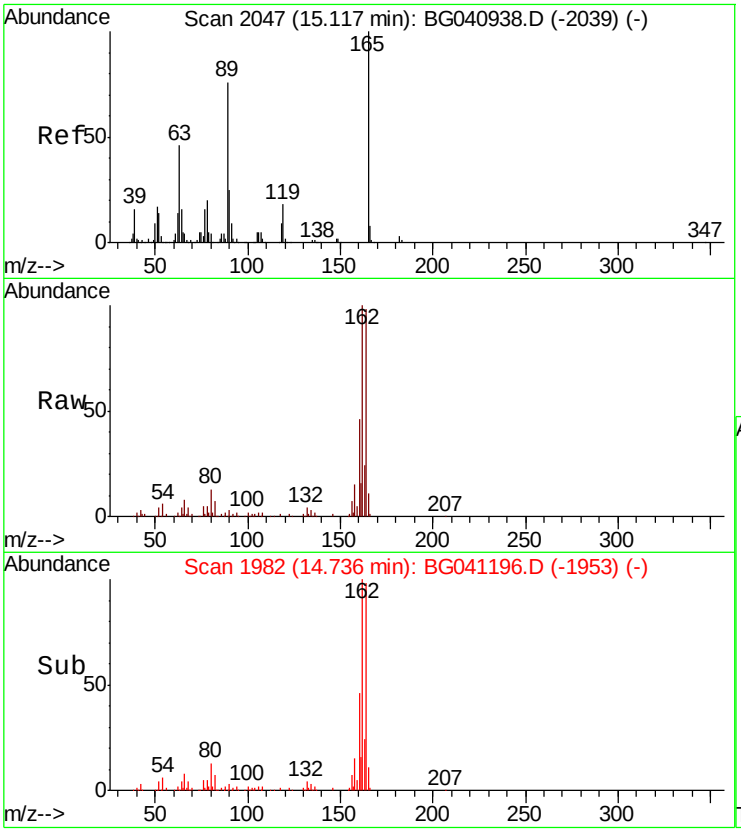


#54
2,4-Dinitrophenol
Concen: 8.307 ng
RT: 15.22 min Scan# 2064
Delta R.T. 0.36 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.8	74.6#
154	0.0	52.2	78.4#



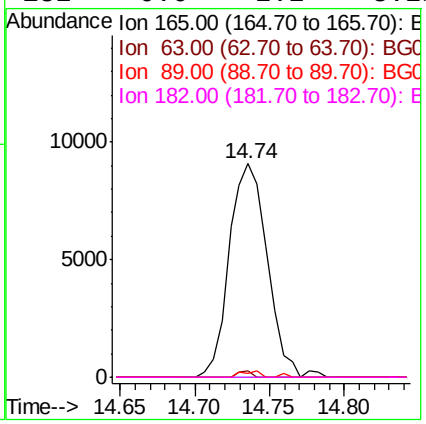


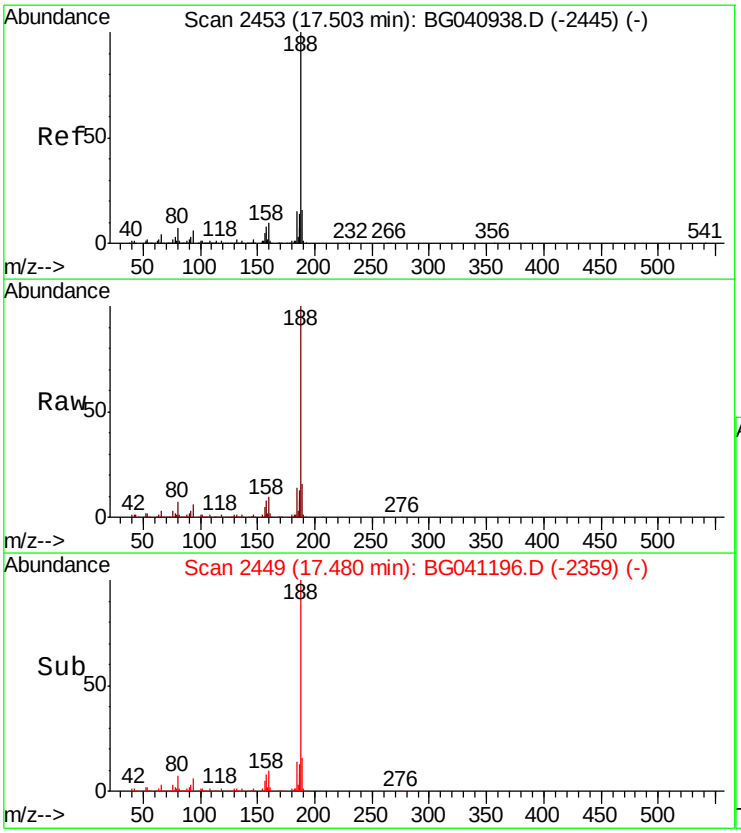
#57
2,4-Dinitrotoluene
Concen: 4.826 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.36 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16099

Ion	Ratio	Lower	Upper
165	100		
63	3.2	37.3	55.9#
89	1.7	61.0	91.6#
182	0.0	2.2	3.2#

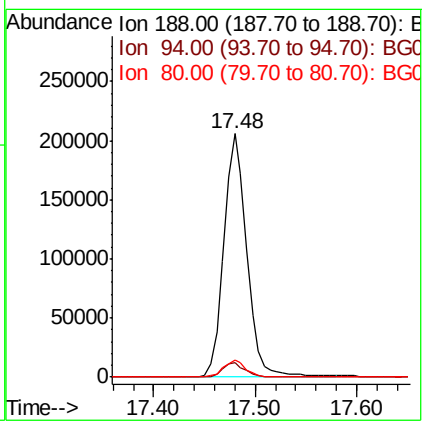


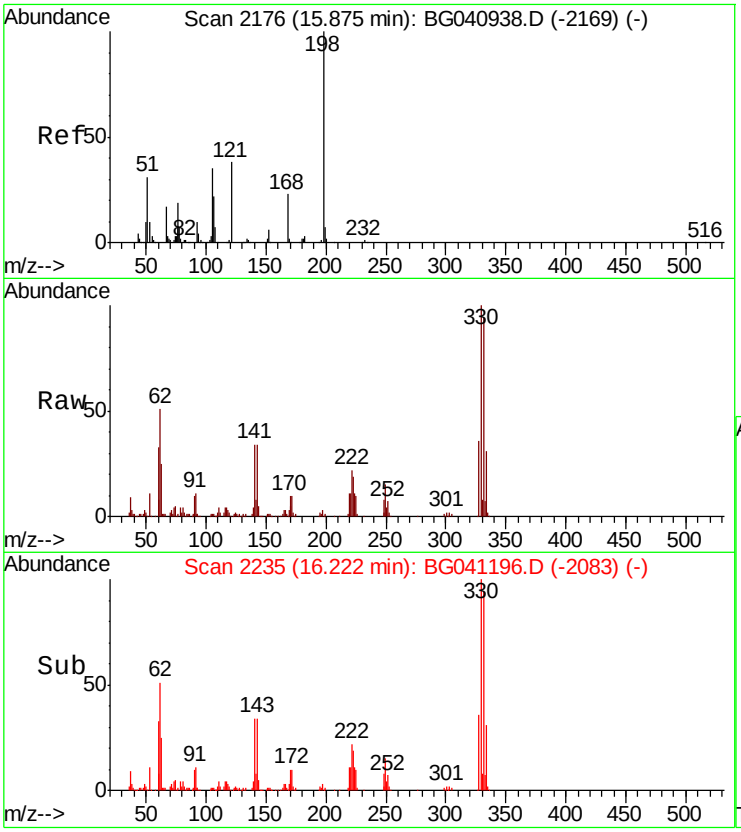


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion:188 Resp: 322593

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	6.8	5.8	8.8



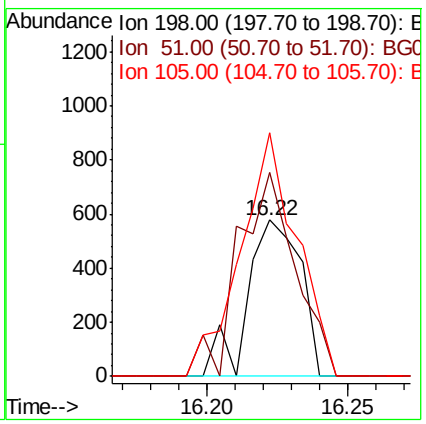


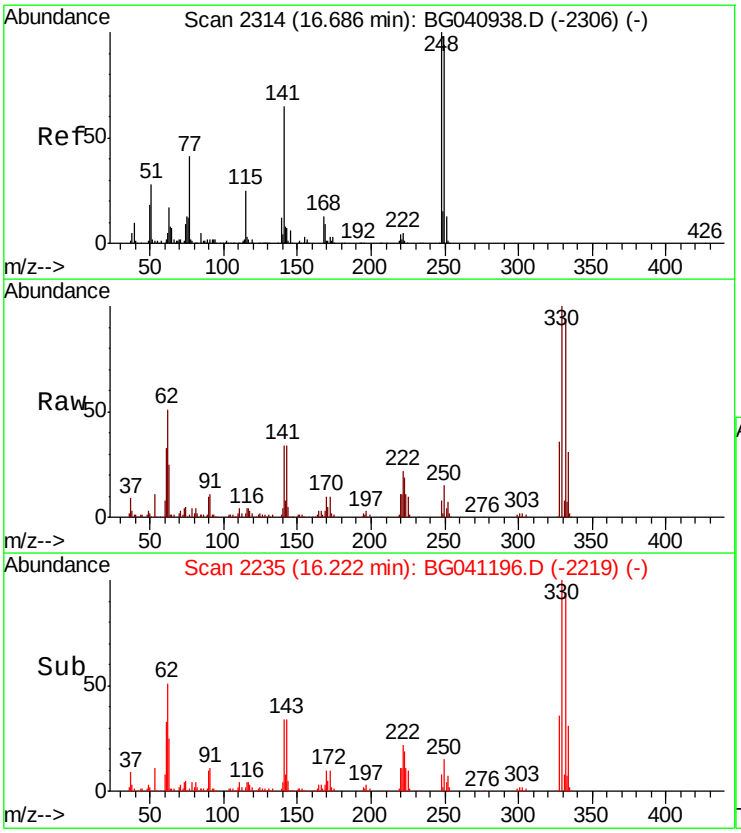
#65
4,6-Dinitro-2-methylphenol
Concen: 8.948 ng
RT: 16.22 min Scan# 2235
Delta R.T. 0.36 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 754

Ion	Ratio	Lower	Upper
198	100		
51	130.4	21.6	61.6#
105	155.7	17.5	57.5#

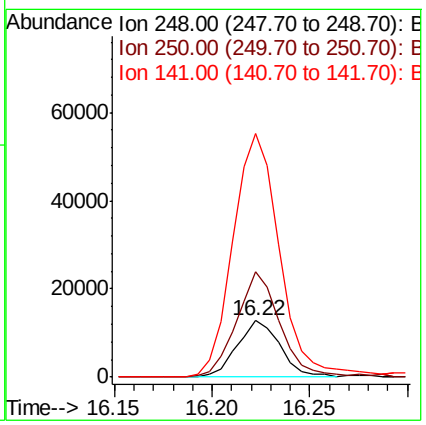


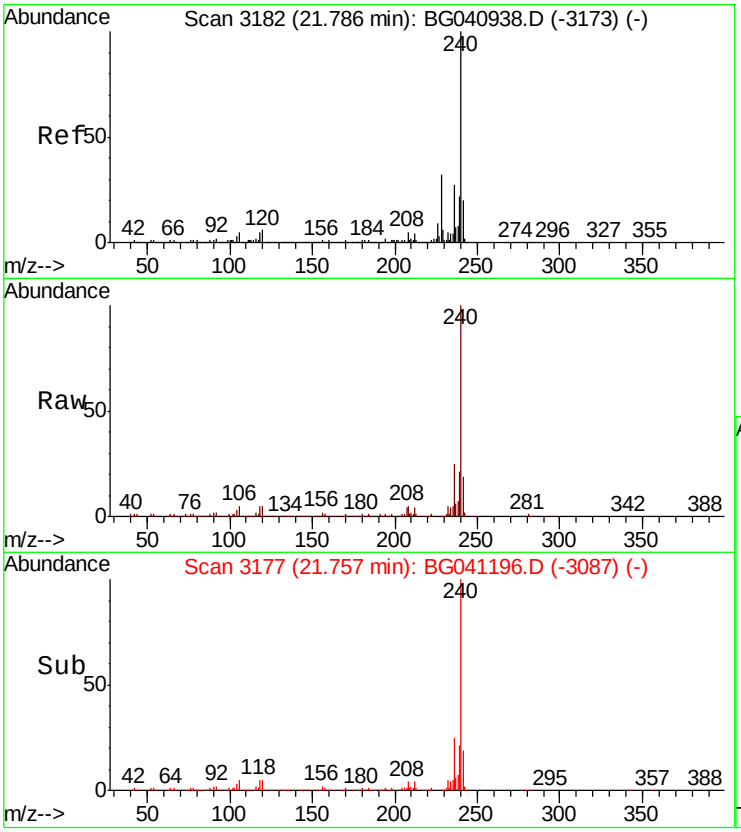


#67
4-Bromophenyl-phenylether
Concen: 4.454 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.44 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion:248 Resp: 19392

Ion	Ratio	Lower	Upper
248	100		
250	186.1	75.0	112.4#
141	431.7	52.4	78.6#



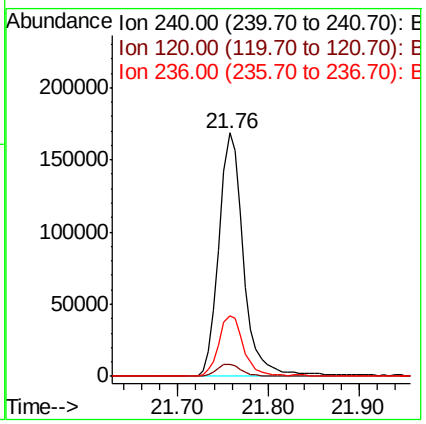


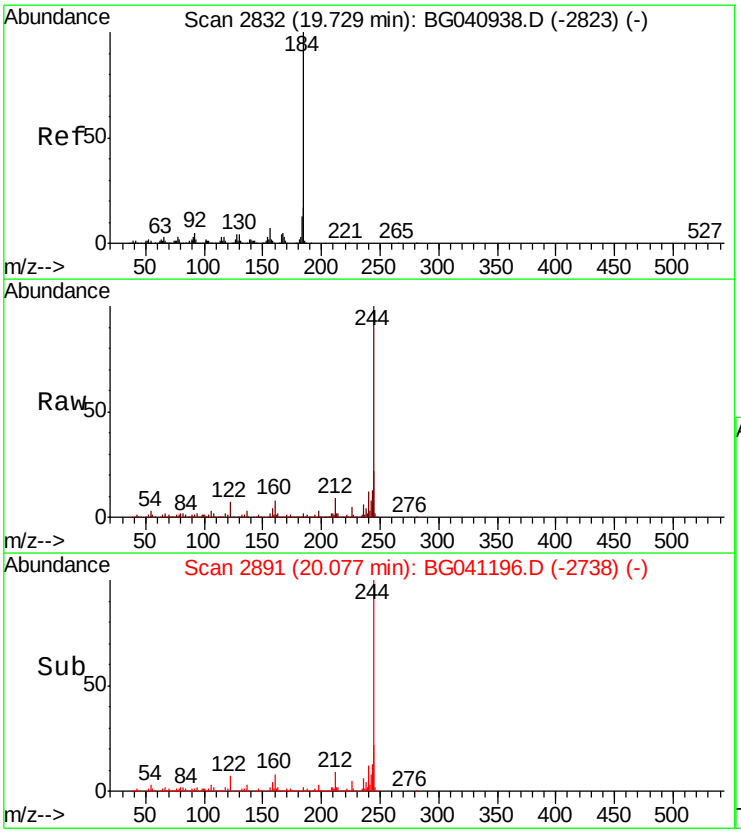
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 318044

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.5	6.7
236	25.1	21.3	31.9

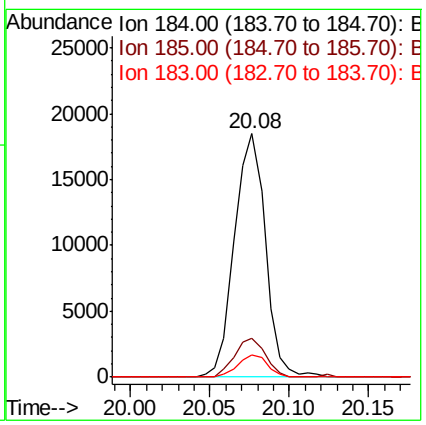


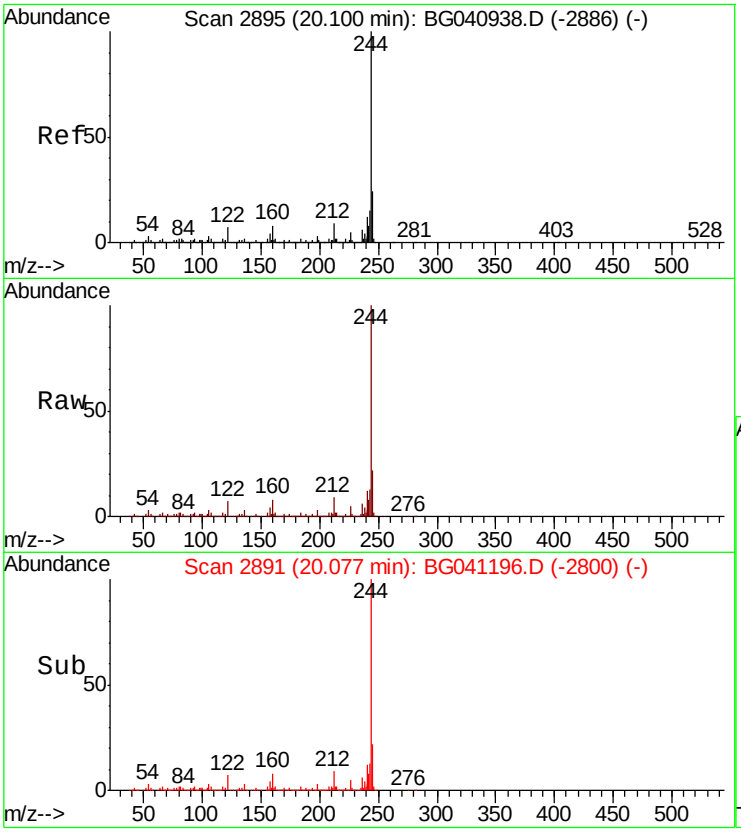


#77
Benzidine
Concen: 3.296 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion:184 Resp: 25005

Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.3	19.9
183	9.4	10.7	16.1#



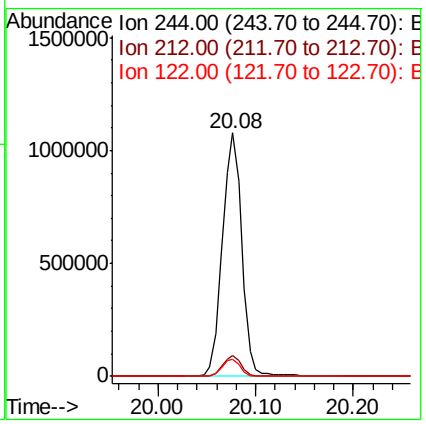


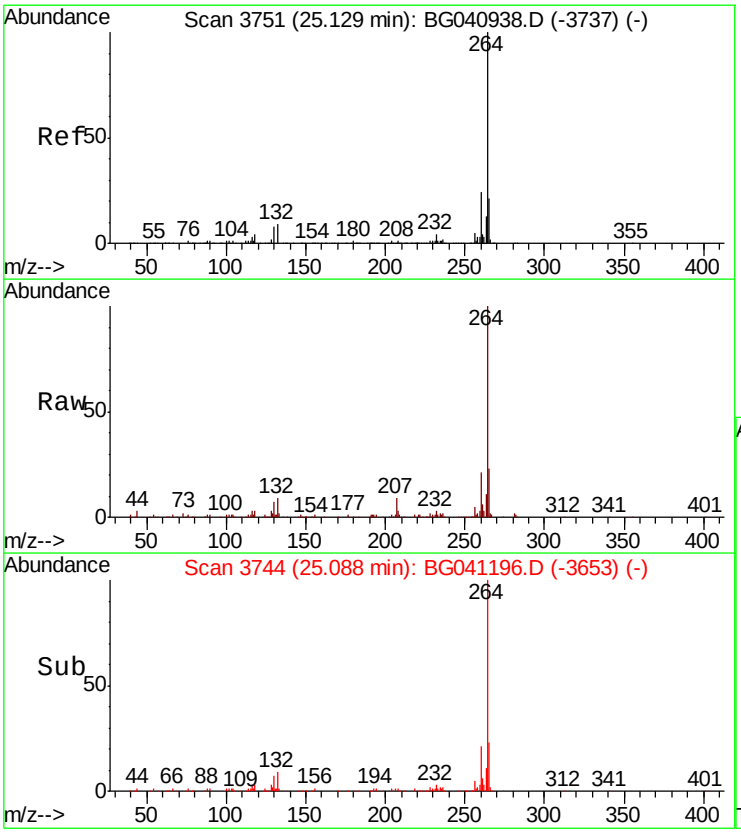
#79
Terphenyl-d14
Concen: 99.062 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1484489

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	7.2	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041196.D
Acq: 11 Jun 2019 19:55

Tgt Ion:264 Resp: 292308

Ion	Ratio	Lower	Upper
264	100		
260	21.0	19.0	28.4
265	22.7	17.0	25.4