Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041019.D
Acq On : 1 Jun 2019 19:21
Operator : HP/JU
Sample : K3106-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 03 01:14:46 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	59810	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	241311	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	175403	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	422266	20.00	ng		0.00
76) Chrysene-d12	21.77	240	429996	20.00	ng		-0.01
87) Perylene-d12	25.11	264	449491	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	191672	57.79	ng		0.00
7) Phenol-d6	7.26	99	179558	35.05	ng		0.00
23) Nitrobenzene-d5	9.30	82	447846	82.39	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	312269	119.92	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1034450	84.93	ng		0.00
79) Terphenyl-d14	20.09	244	1701315	83.97	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.30	70	62979	15.976	ng	#	79
50) Dimethylphthalate	14.19	163	38690	2.606	ng		98
51) 2,6-Dinitrotoluene	14.75	165	22474	7.020	ng	#	20
54) 2,4-Dinitrophenol	15.23	184	53	8.290	ng	#	18
57) 2,4-Dinitrotoluene	14.75	165	22474	4.970	ng	#	22
65) 4,6-Dinitro-2-methylphenol	16.21	198	300	8.698	ng	#	38
67) 4-Bromophenyl-phenylether	16.24	248	22959	4.029	ng	#	1
77) Benzidine	20.09	184	30437	2.967	ng	#	95

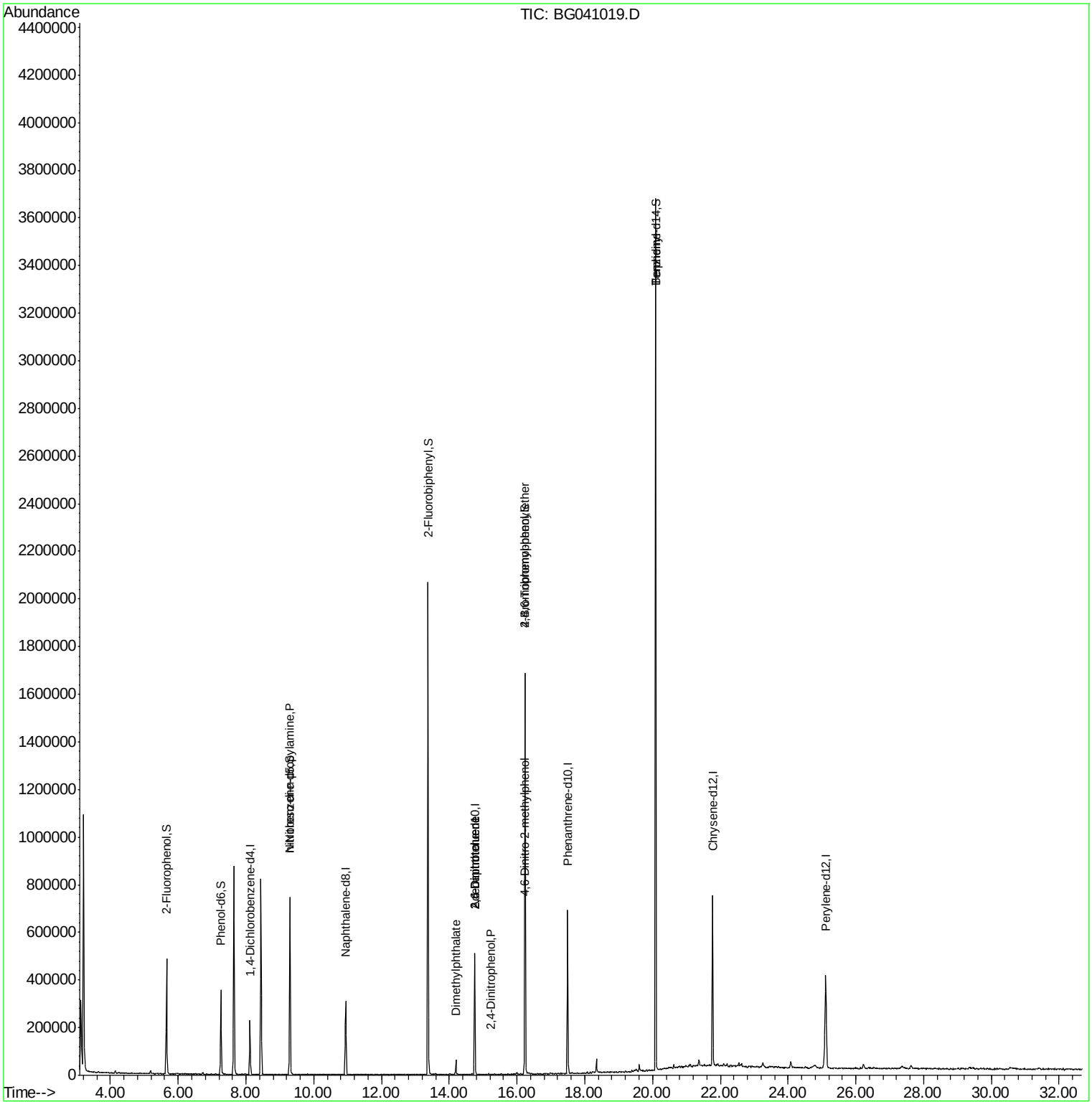
(#) = qualifier out of range (m) = manual integration (+) = signals summed

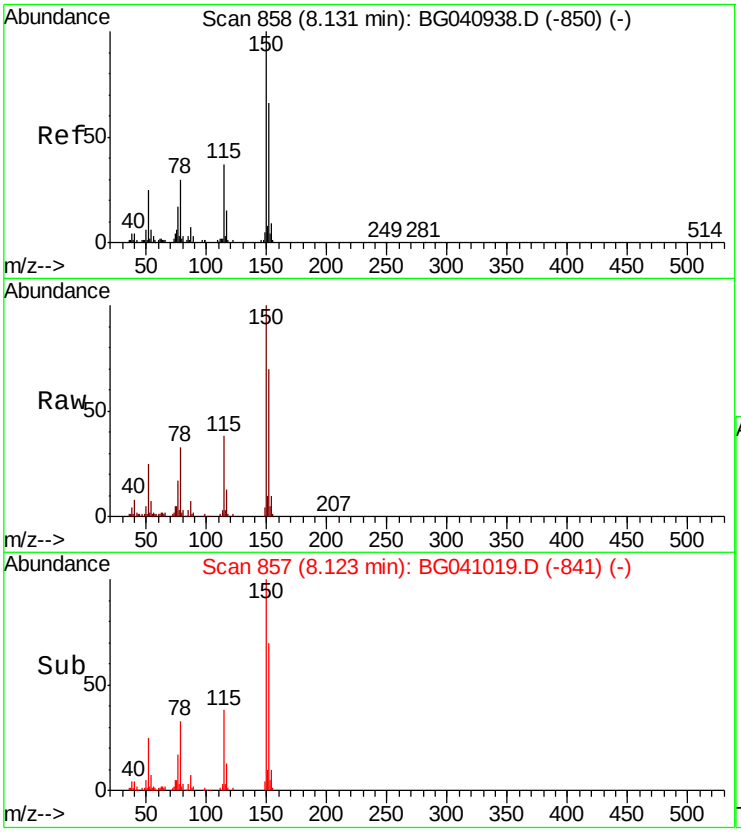
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041019.D
Acq On : 1 Jun 2019 19:21
Operator : HP/JU
Sample : K3106-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 03 01:14:46 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



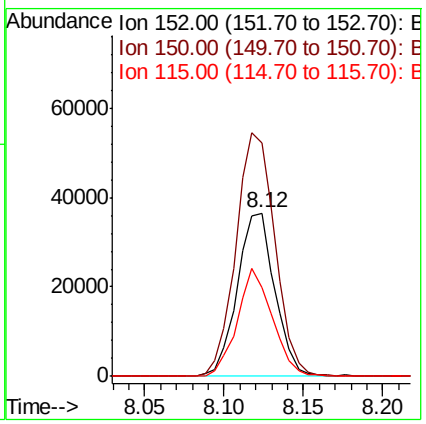


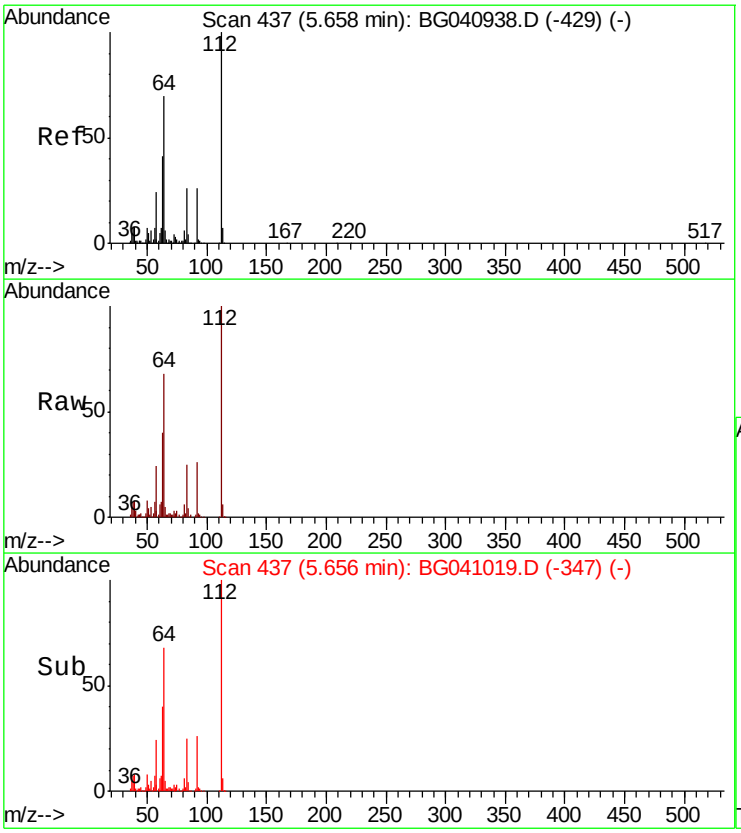
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 59810

Ion	Ratio	Lower	Upper
152	100		
150	142.9	120.6	180.8
115	54.7	45.1	67.7

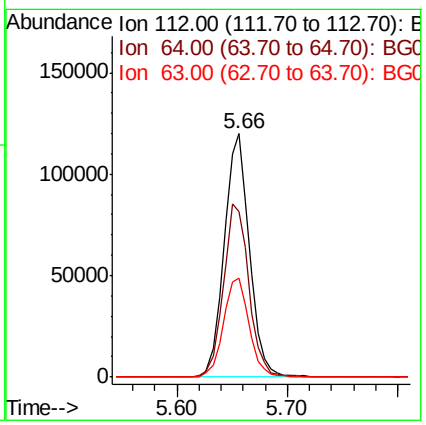


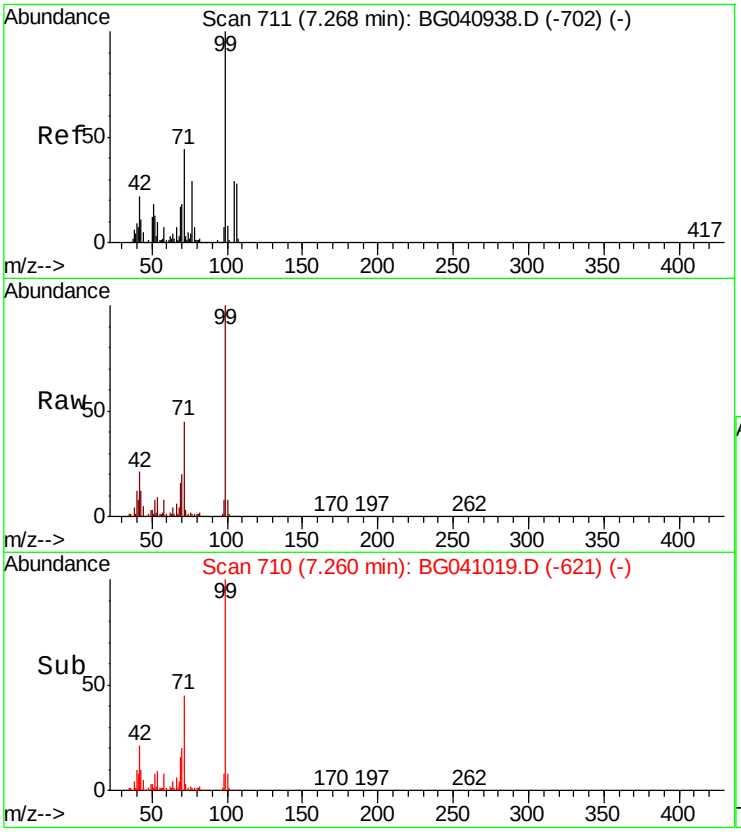


#5
2-Fluorophenol
Concen: 57.787 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Tgt Ion:112 Resp: 191672

Ion	Ratio	Lower	Upper
112	100		
64	67.8	56.2	84.2
63	40.5	32.8	49.2



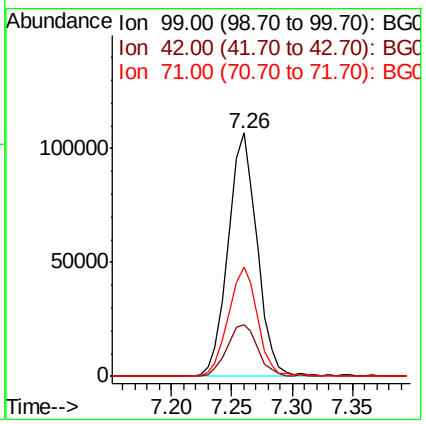


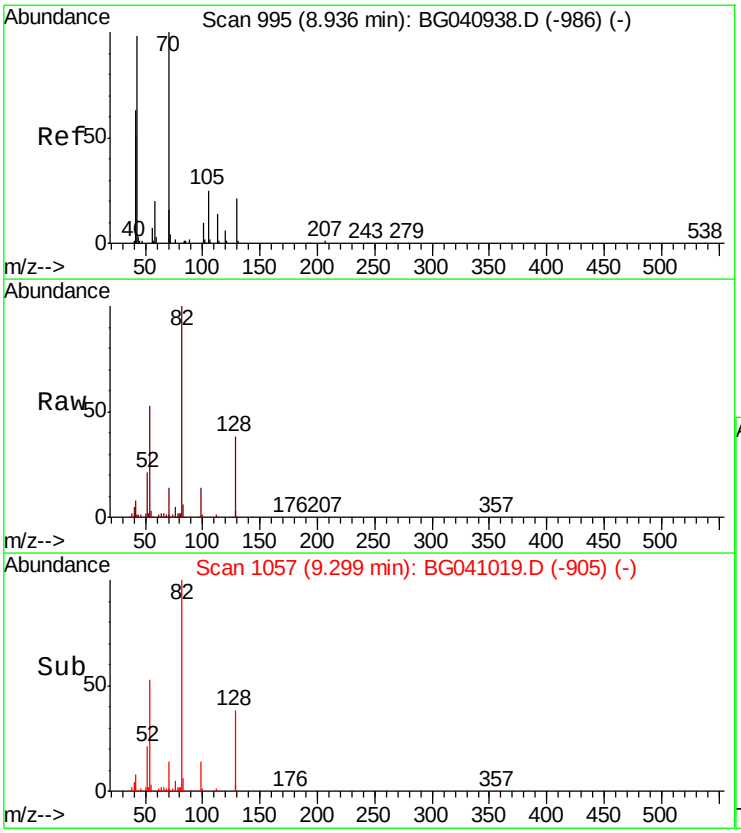
#7
Phenol-d6
Concen: 35.053 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 179558

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.9	26.9
71	45.0	35.4	53.0

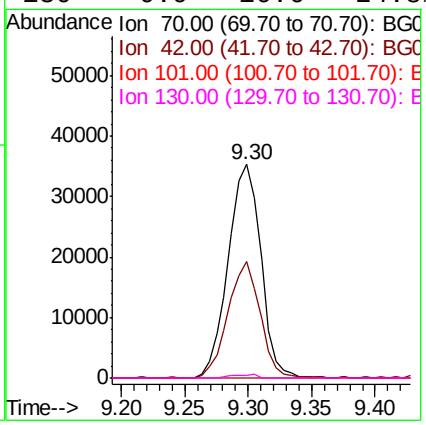


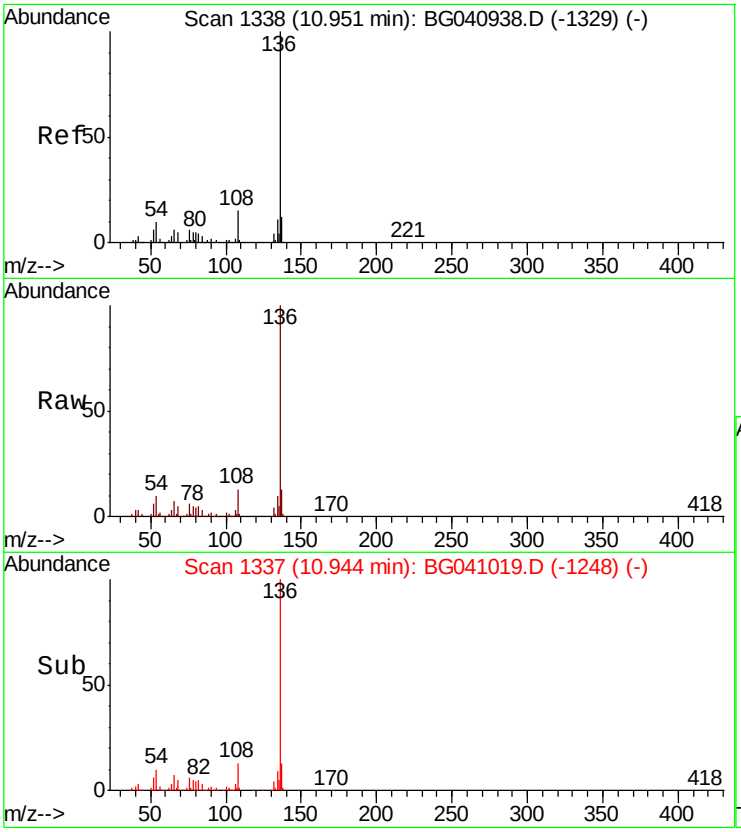


#19
n-Nitroso-di-n-propylamine
Concen: 15.976 ng
RT: 9.30 min Scan# 1057
Delta R.T. 0.36 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Tgt Ion: 70 Resp: 62979

Ion	Ratio	Lower	Upper
70	100		
42	54.3	51.5	77.3
101	0.0	8.1	12.1#
130	0.9	16.6	24.8#



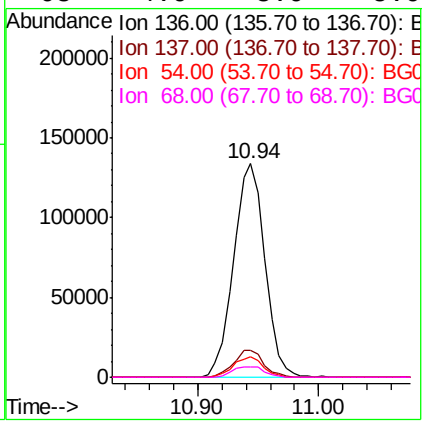


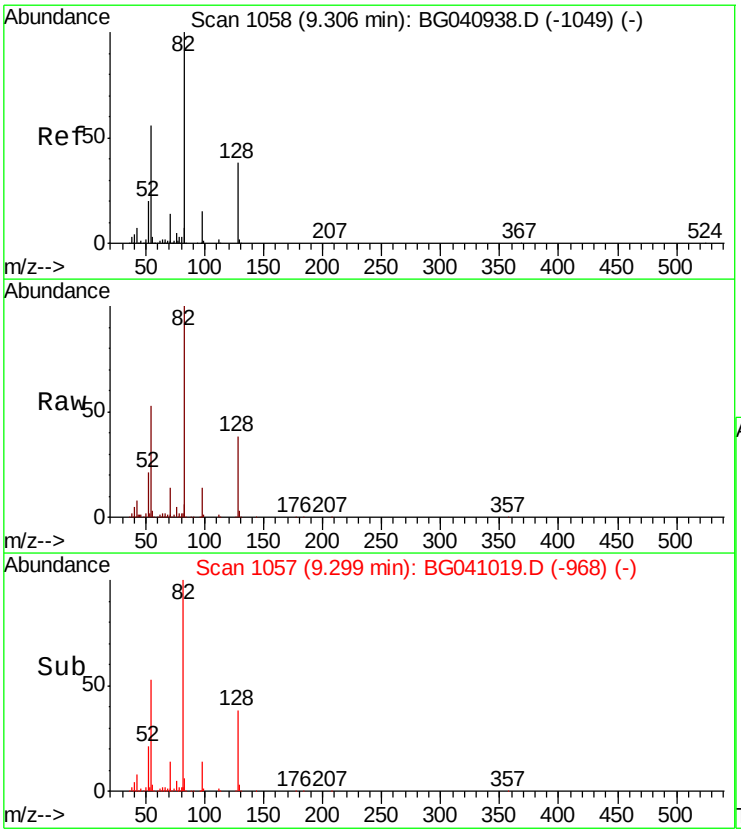
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 241311

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	9.7	7.6	11.4
68	4.9	3.9	5.9

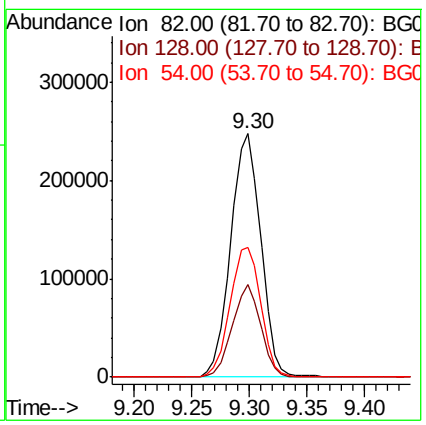


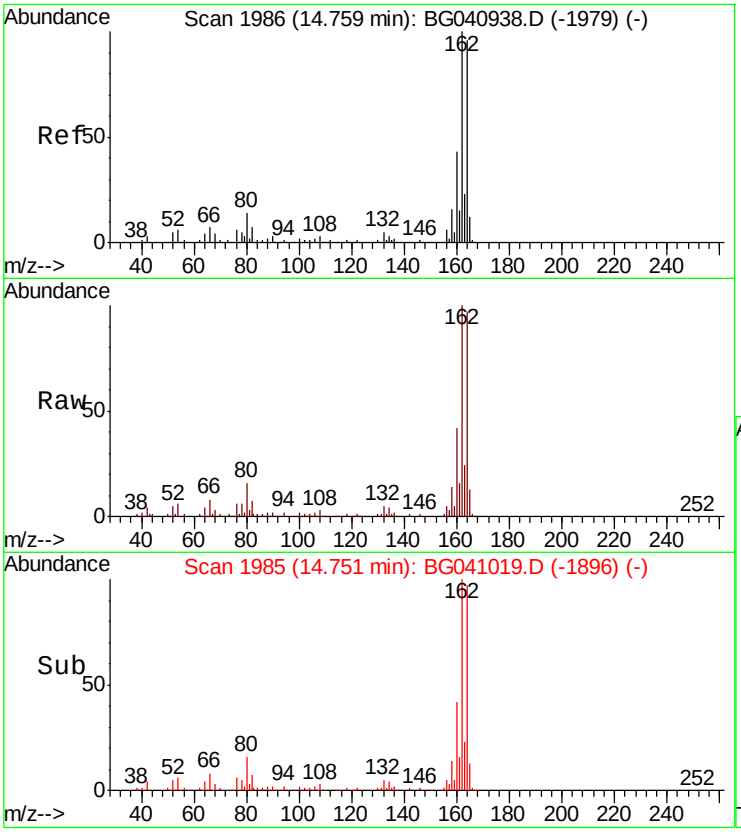


#23
Nitrobenzene-d5
Concen: 82.390 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Tgt Ion: 82 Resp: 447846

Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.5	45.7
54	53.1	44.6	66.8



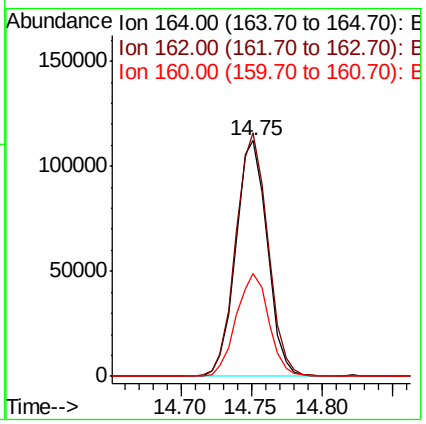


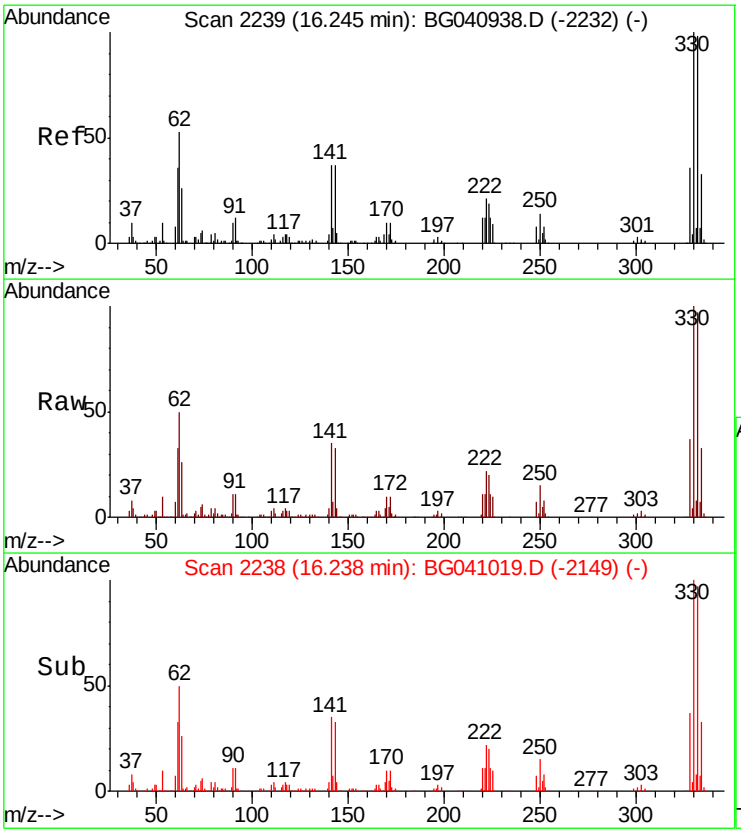
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 175403

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.4
160	43.6	35.6	53.4

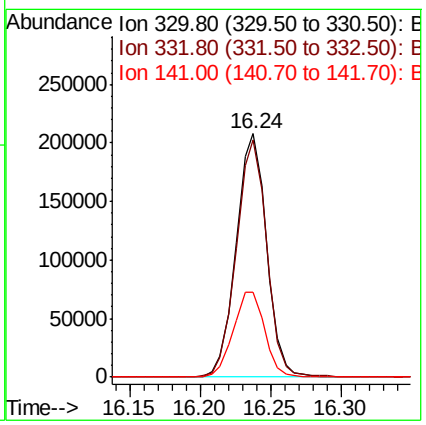


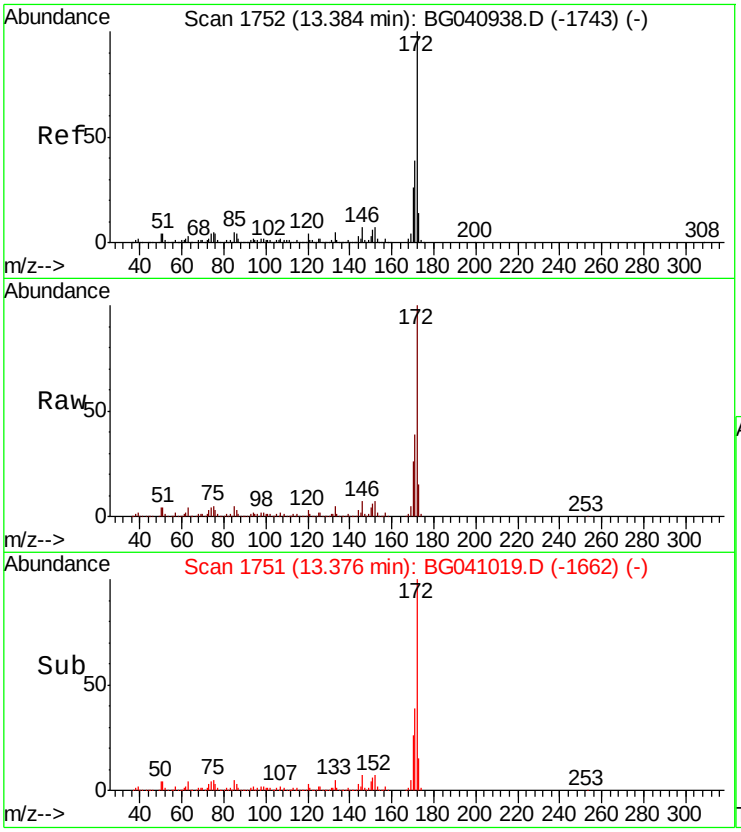


#42
2,4,6-Tribromophenol
Concen: 119.920 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Tgt Ion:330 Resp: 312269

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.5	117.7
141	36.2	28.7	43.1



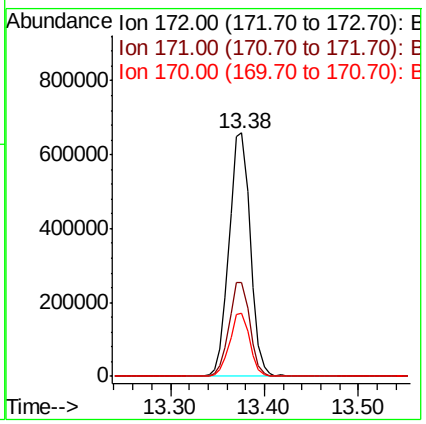


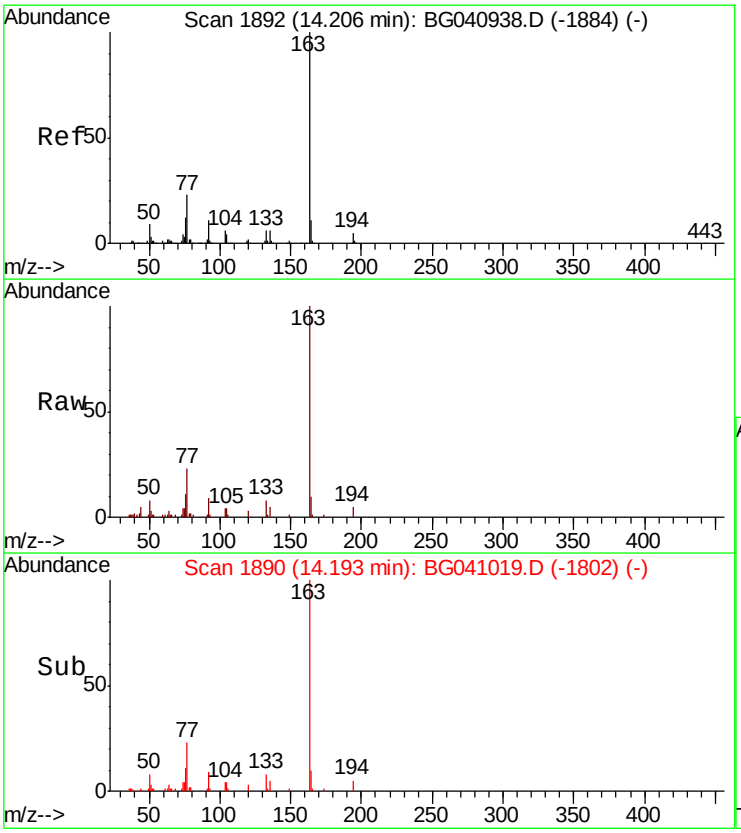
#45
2-Fluorobiphenyl
Concen: 84.931 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1034450

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.1	46.7
170	25.8	20.5	30.7

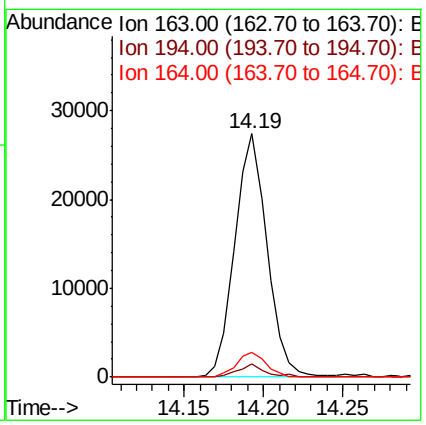


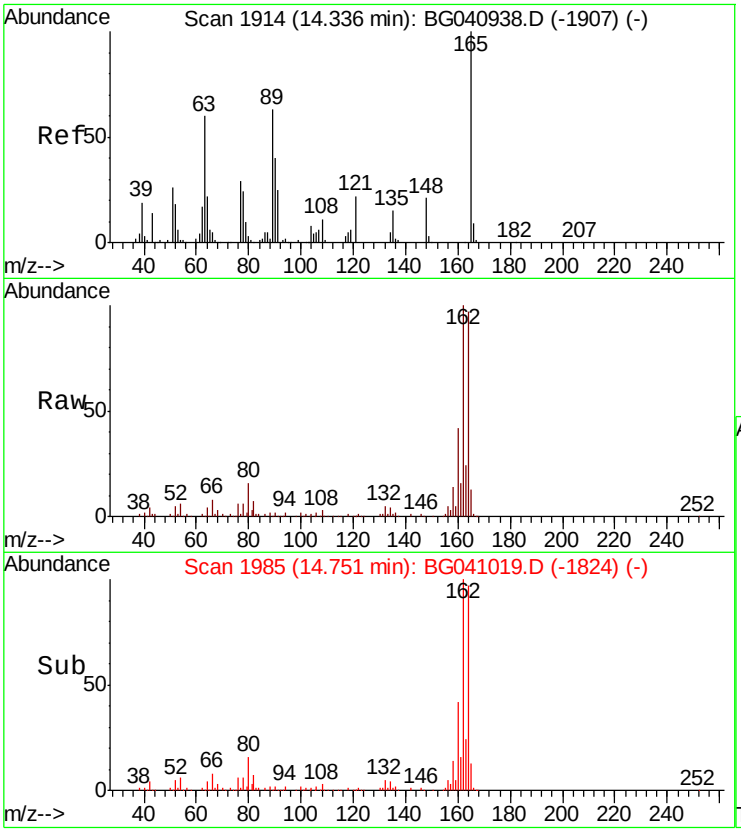


#50
Dimethylphthalate
Concen: 2.606 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Tgt Ion:163 Resp: 38690

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.8
164	10.1	8.7	13.1



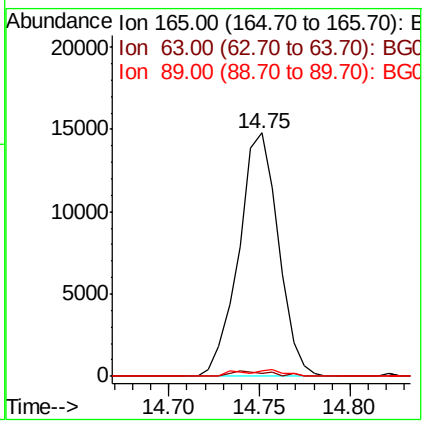


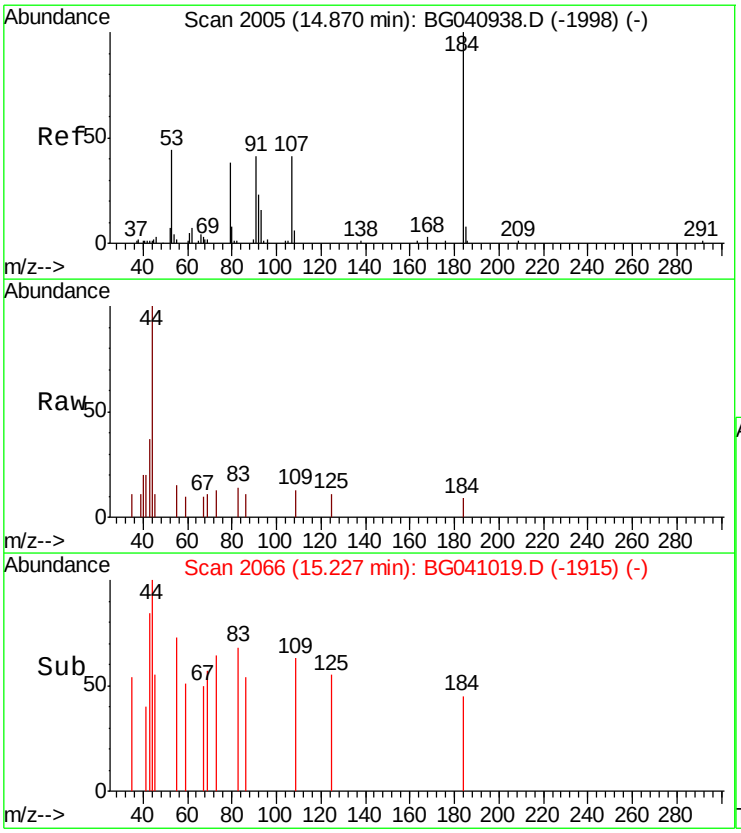
#51
2,6-Dinitrotoluene
Concen: 7.020 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.42 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22474

Ion	Ratio	Lower	Upper
165	100		
63	1.5	53.6	80.4#
89	2.2	50.4	75.6#

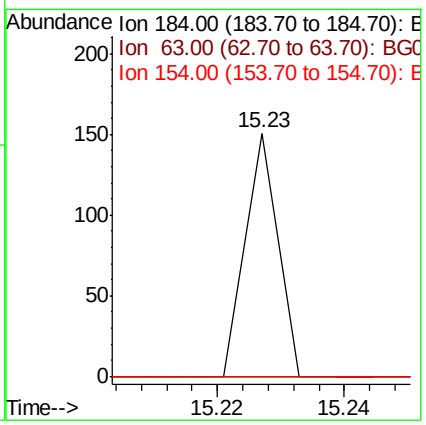


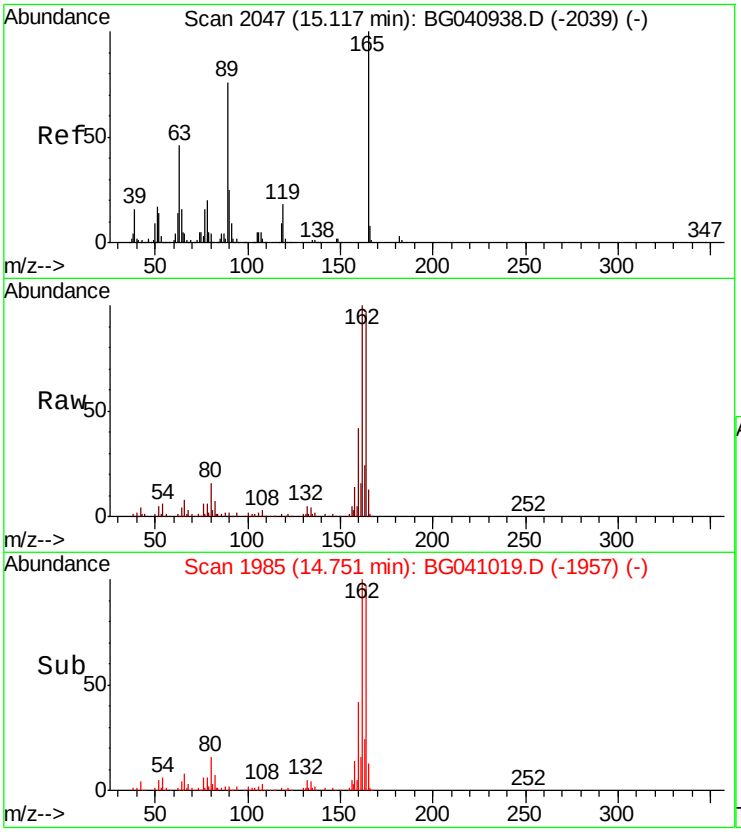


#54
2,4-Dinitrophenol
Concen: 8.290 ng
RT: 15.23 min Scan# 2066
Delta R.T. 0.36 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Tgt Ion:184 Resp: 53

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



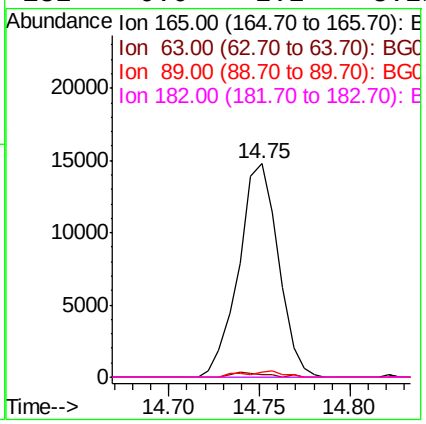


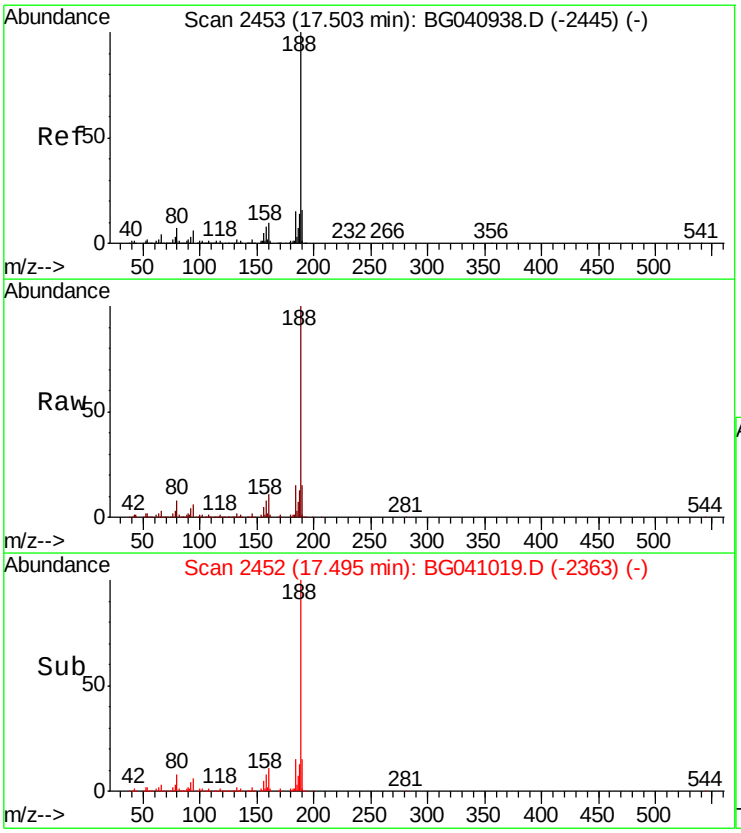
#57
2,4-Dinitrotoluene
Concen: 4.970 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.37 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22474

Ion	Ratio	Lower	Upper
165	100		
63	1.5	37.3	55.9#
89	2.2	61.0	91.6#
182	0.0	2.2	3.2#

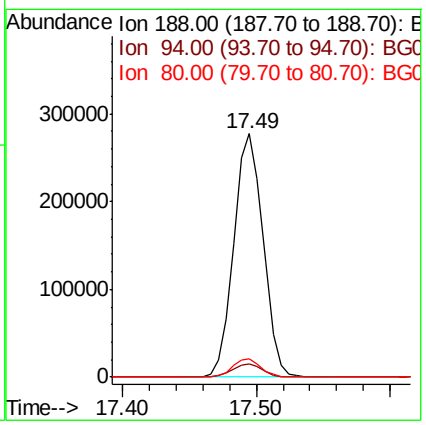


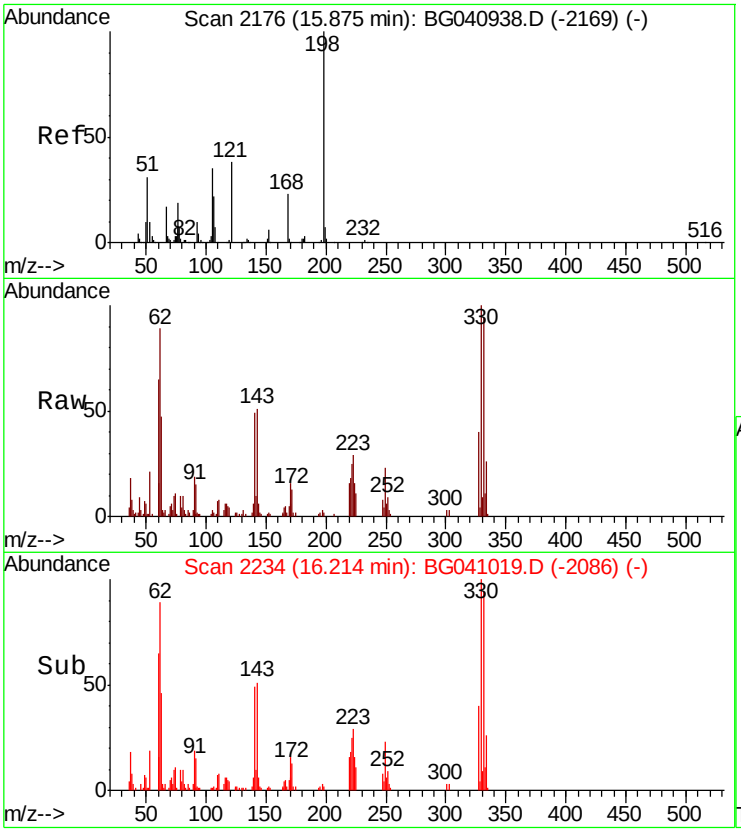


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Tgt Ion:188 Resp: 422266

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	7.7	5.8	8.8



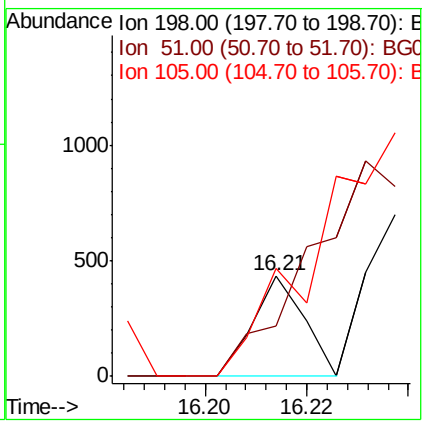


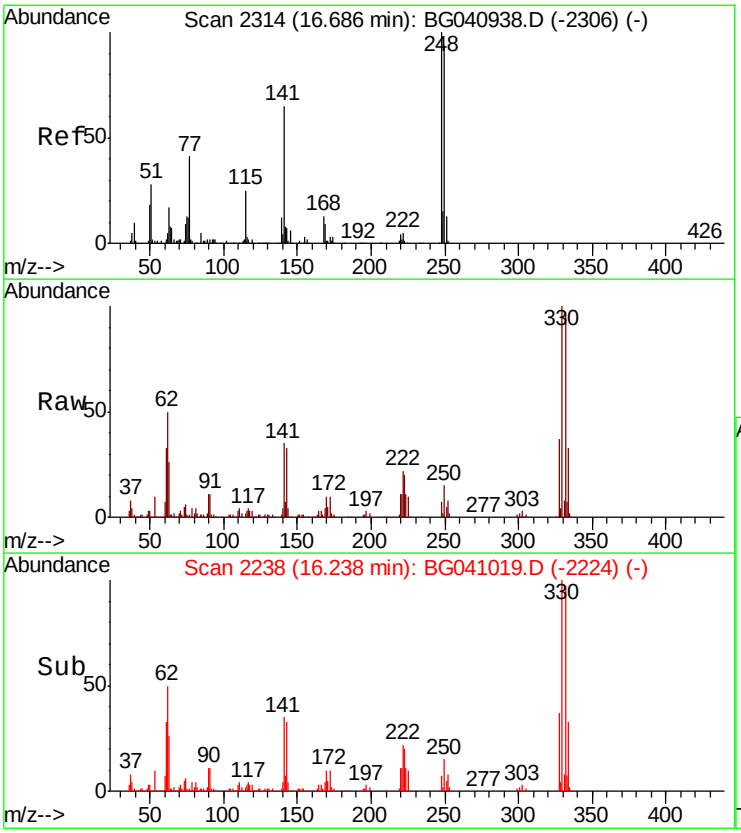
#65
4,6-Dinitro-2-methylphenol
Concen: 8.698 ng
RT: 16.21 min Scan# 2234
Delta R.T. 0.34 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 300

Ion	Ratio	Lower	Upper
198	100		
51	49.5	21.6	61.6
105	106.9	17.5	57.5#

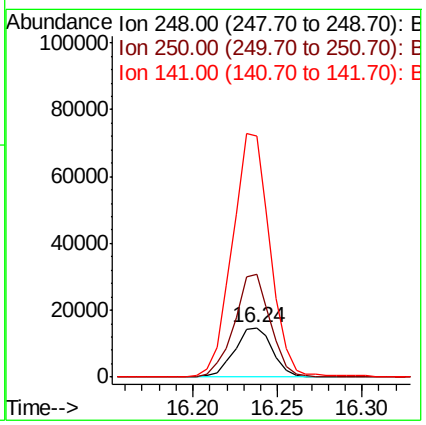


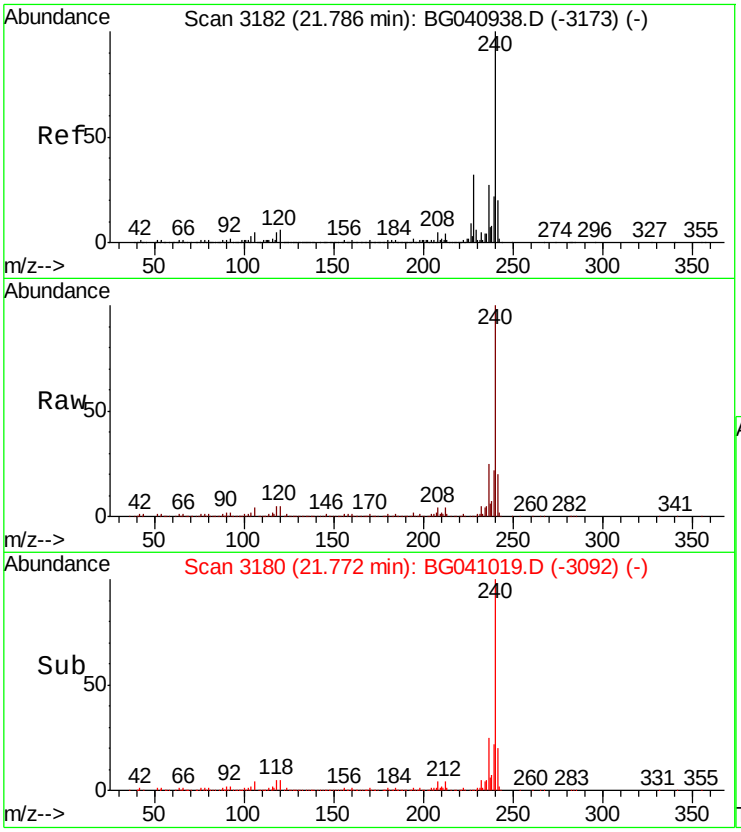


#67
4-Bromophenyl-phenylether
Concen: 4.029 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.45 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Tgt Ion:248 Resp: 22959

Ion	Ratio	Lower	Upper
248	100		
250	207.9	75.0	112.4#
141	488.2	52.4	78.6#



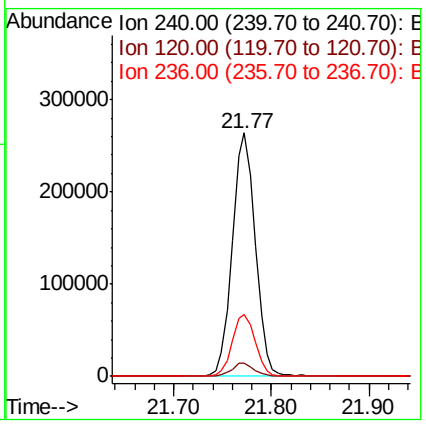


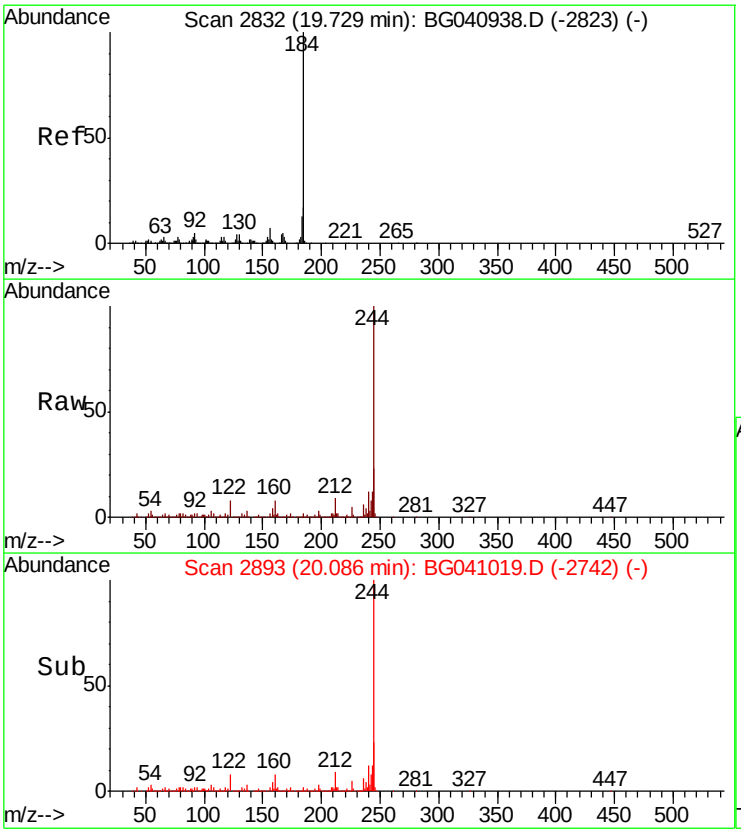
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 429996

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.5	6.7
236	25.2	21.3	31.9

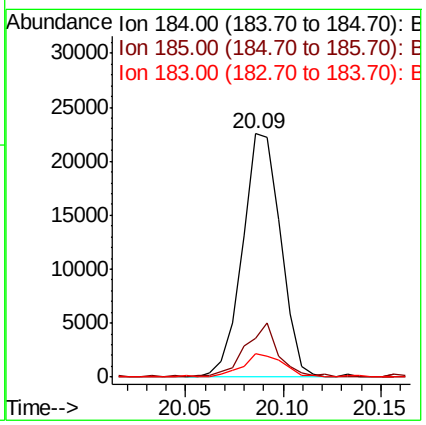


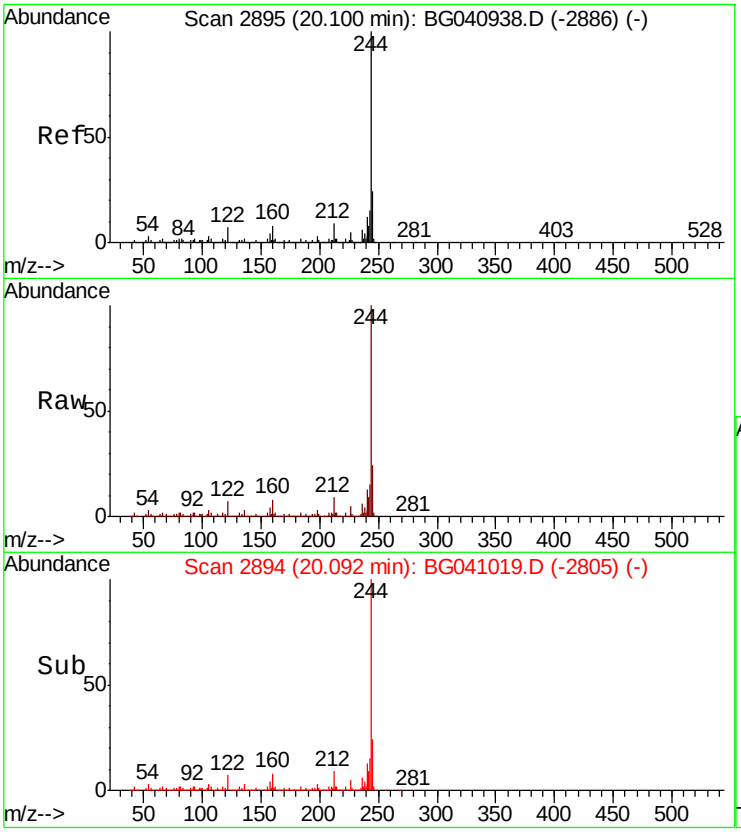


#77
Benzidine
Concen: 2.967 ng
RT: 20.09 min Scan# 2893
Delta R.T. 0.36 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Tgt Ion:184 Resp: 30437

Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.3	19.9
183	9.7	10.7	16.1#



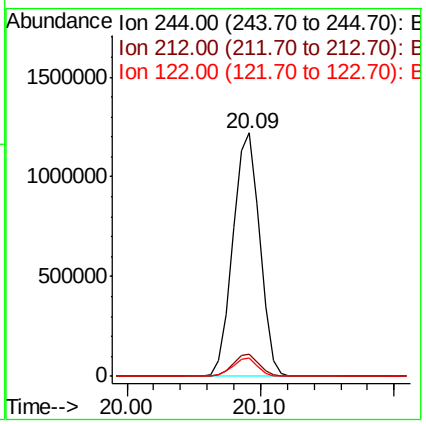


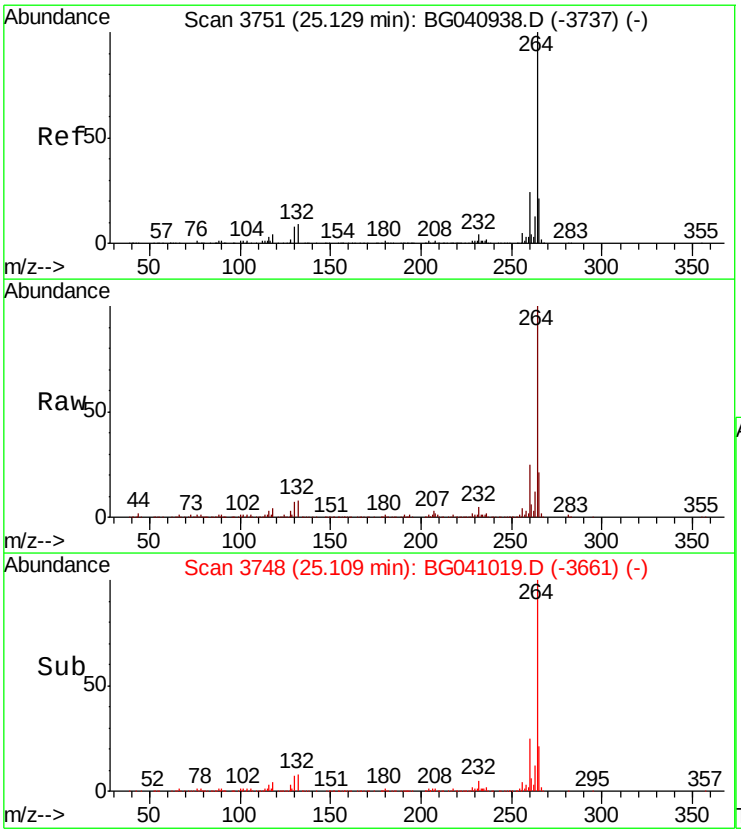
#79
Terphenyl-d14
Concen: 83.972 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG041019.D
Acq: 1 Jun 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1701315

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	7.3	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: BG041019.D
Acq: 1 Jun 2019 19:21

Tgt Ion:264 Resp: 449491

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	20.9	17.0	25.4