Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041134.D
Acq On : 8 Jun 2019 15:30
Operator : HP/JU
Sample : K3153-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 09 23:01:14 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	8.10	152	41393	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	168624	20.00	ng	-0.03
39) Acenaphthene-d10	14.74	164	127901	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	328646	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	327480	20.00	ng	-0.03
87) Perylene-d12	25.08	264	339154	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	306121	133.36	ng	-0.02
7) Phenol-d6	7.25	99	391163	110.34	ng	-0.02
23) Nitrobenzene-d5	9.28	82	357455	94.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	240876	126.86	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	864500	97.34	ng	-0.02
79) Terphenyl-d14	20.08	244	1531492	99.25	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.28	70	51577	18.905	ng	# 77
32) Benzoic acid	9.76	122	64	8.156	ng	# 1
51) 2,6-Dinitrotoluene	14.74	165	16589	7.106	ng	# 20
54) 2,4-Dinitrophenol	14.45	184	59	8.312	ng	# 18
57) 2,4-Dinitrotoluene	14.74	165	16589	5.031	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.22	198	513	8.829	ng	# 1
67) 4-Bromophenyl-phenylether	16.22	248	19184	4.325	ng	# 1
70) Pentachlorophenol	17.41	266	62	4.279	ng	# 18
77) Benzidine	20.08	184	26249	3.360	ng	97

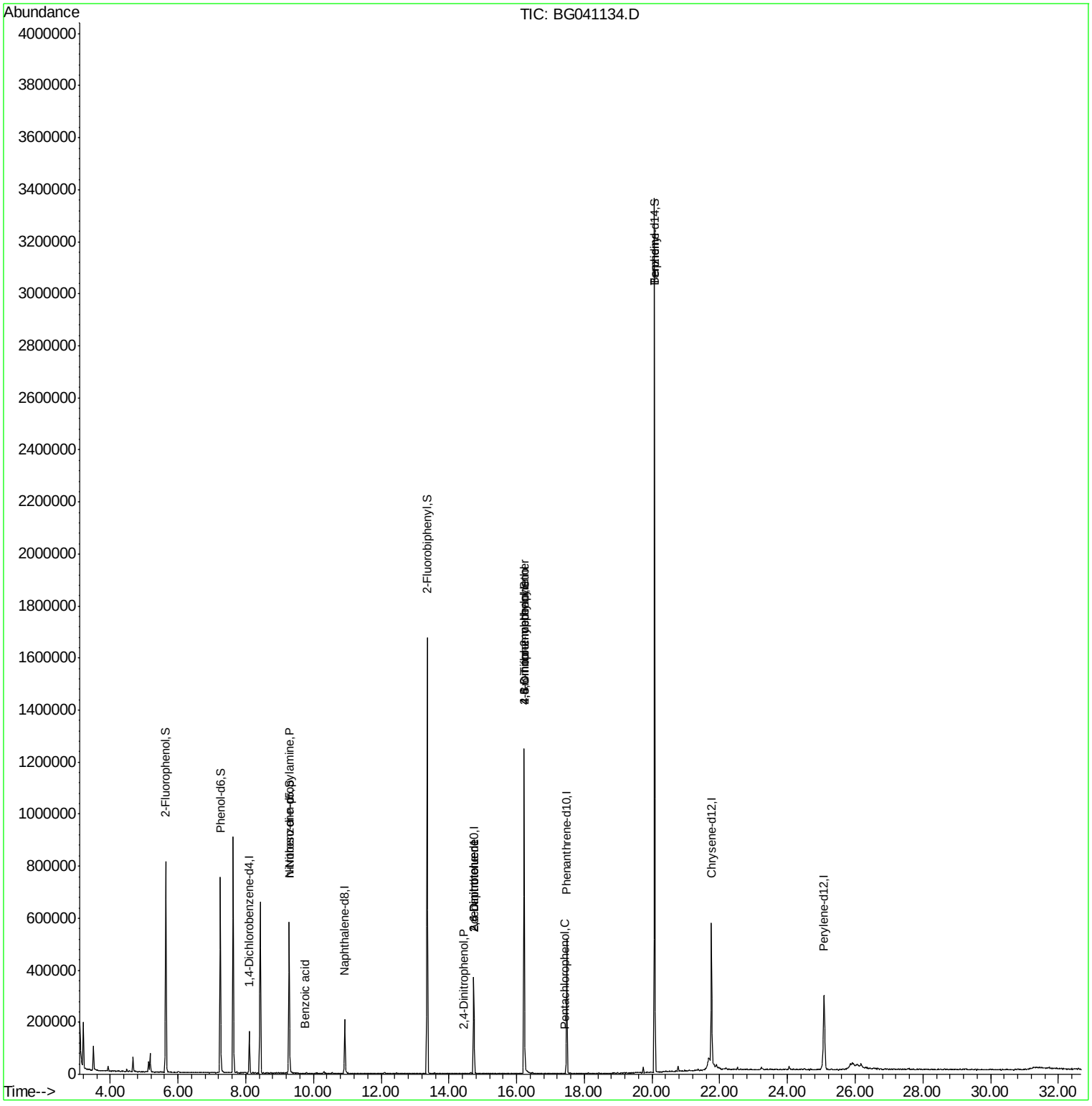
(#) = qualifier out of range (m) = manual integration (+) = signals summed

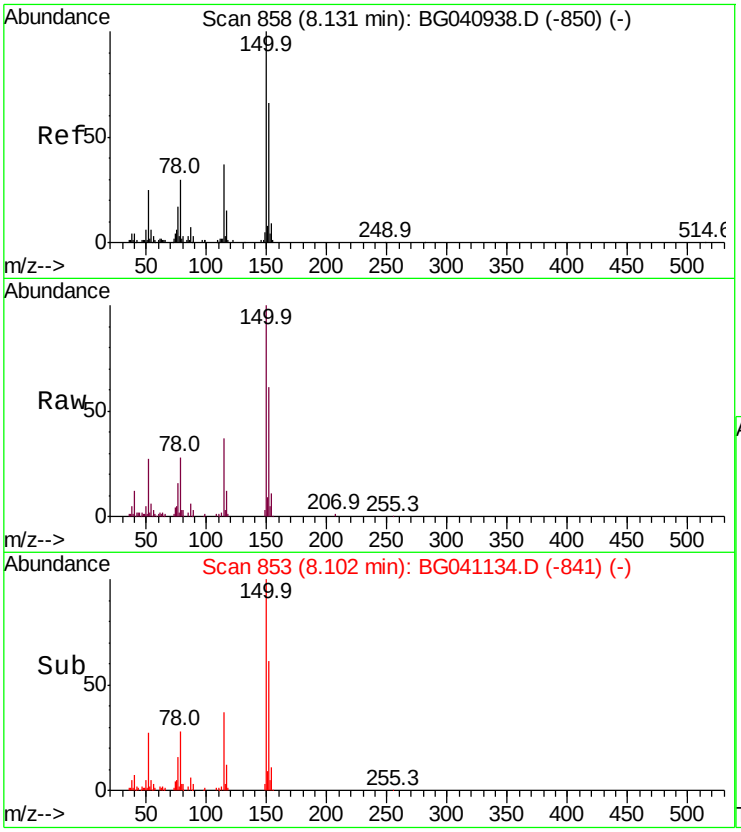
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041134.D
Acq On : 8 Jun 2019 15:30
Operator : HP/JU
Sample : K3153-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 09 23:01:14 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



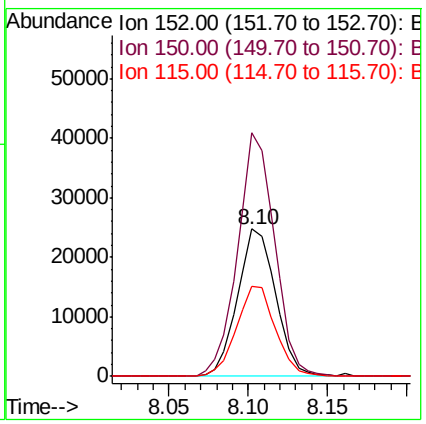


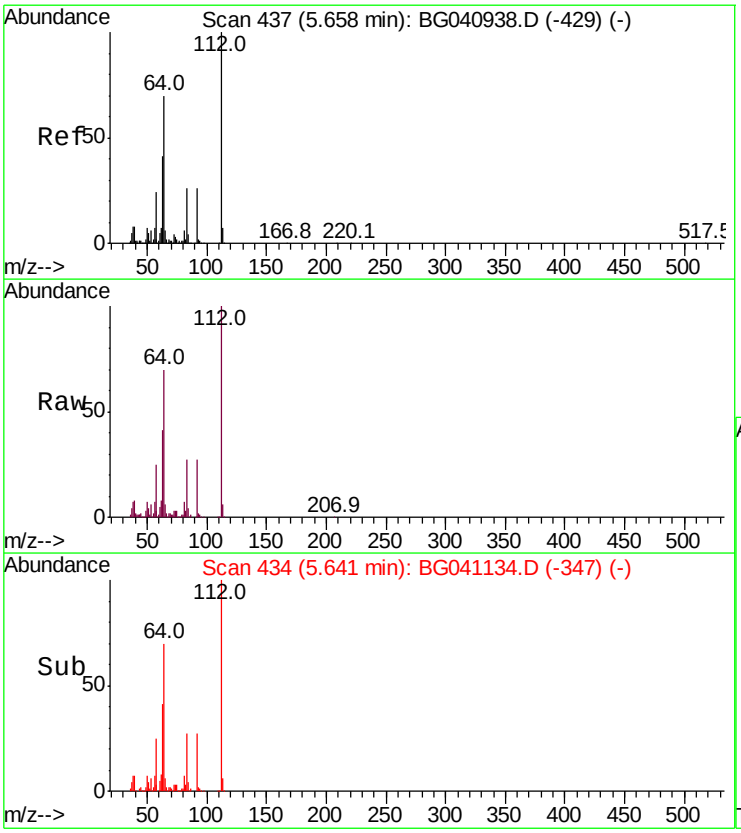
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41393

Ion	Ratio	Lower	Upper
152	100		
150	165.0	120.6	180.8
115	61.0	45.1	67.7

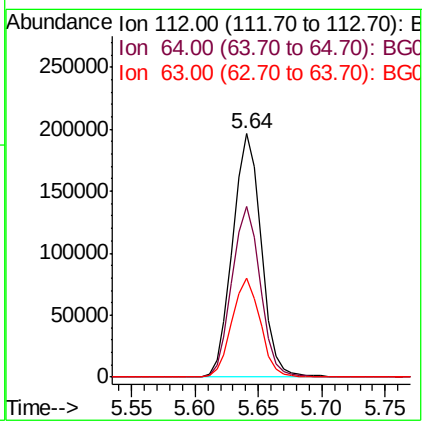


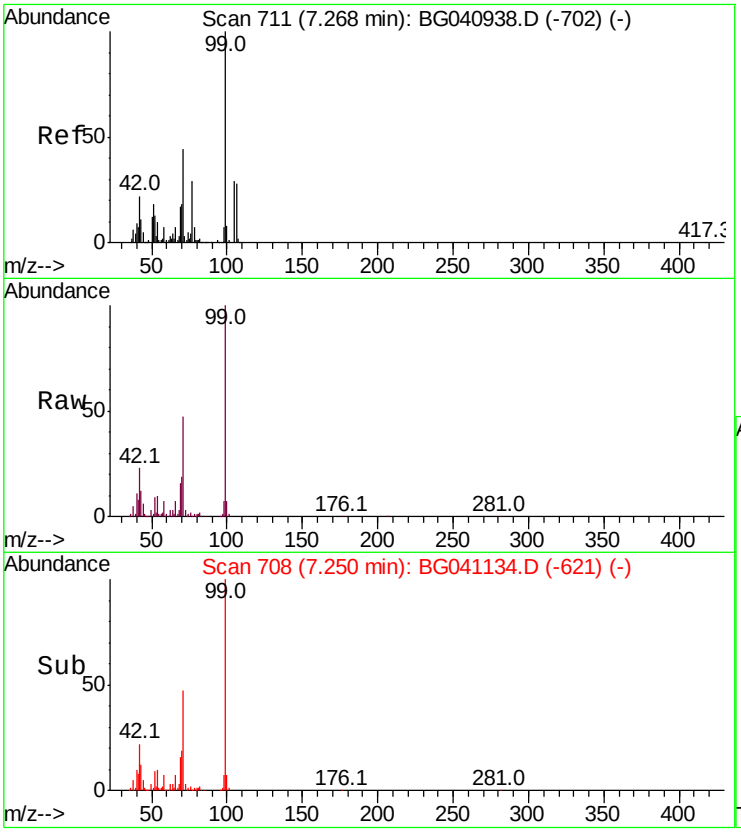


#5
2-Fluorophenol
Concen: 133.356 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.02 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion:112 Resp: 306121

Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.2	84.2
63	40.6	32.8	49.2



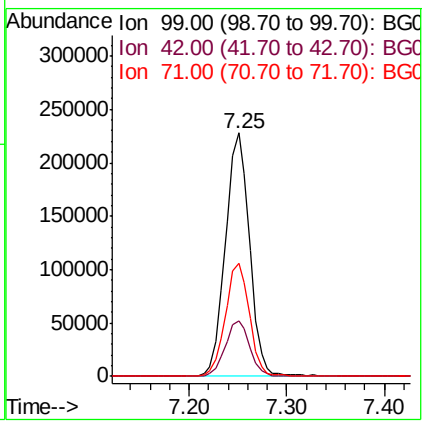


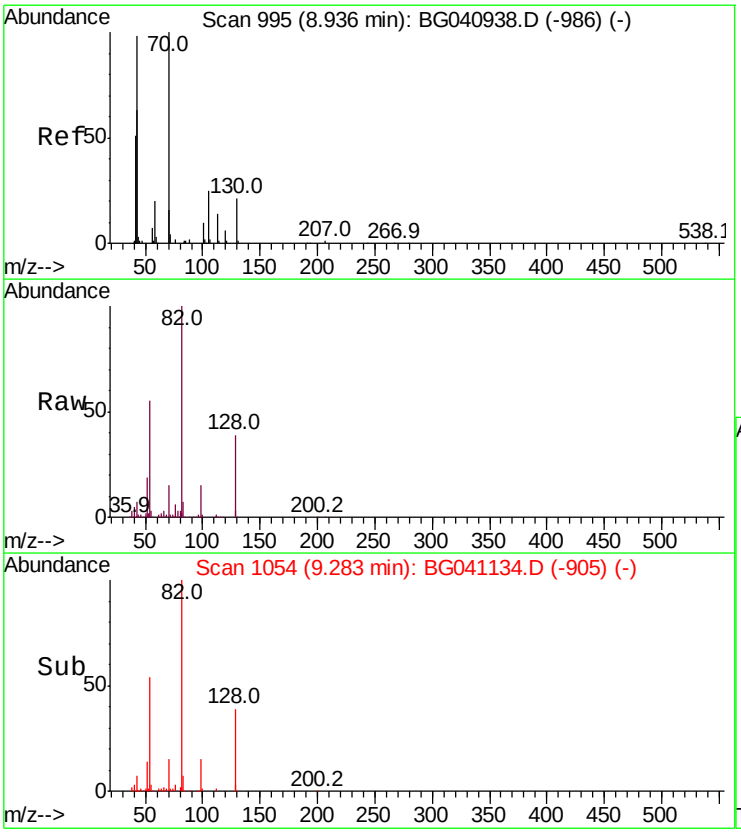
#7
Phenol-d6
Concen: 110.336 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.02 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 391163

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	46.6	35.4	53.0

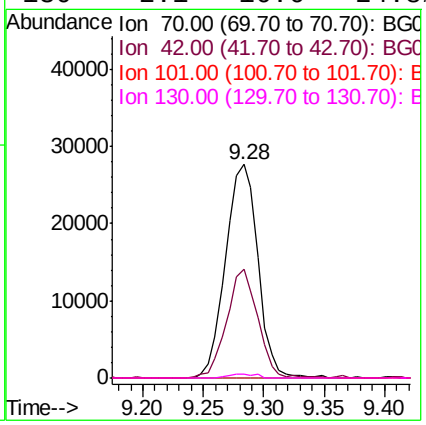


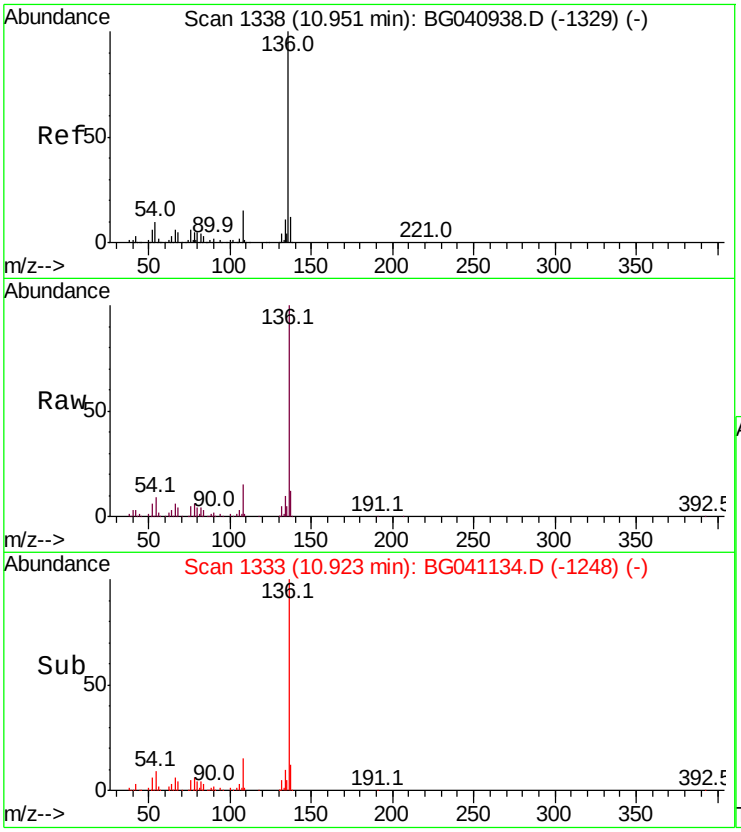


#19
n-Nitroso-di-n-propylamine
Concen: 18.905 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.35 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion: 70 Resp: 51577

Ion	Ratio	Lower	Upper
70	100		
42	50.8	51.5	77.3#
101	0.0	8.1	12.1#
130	2.1	16.6	24.8#



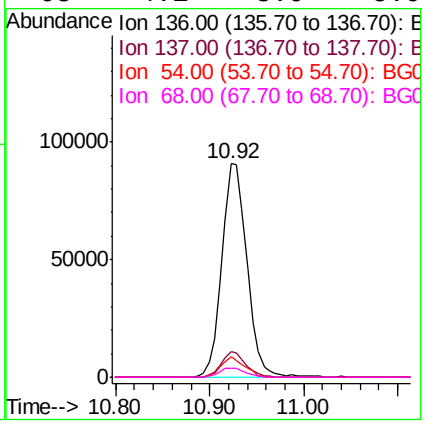


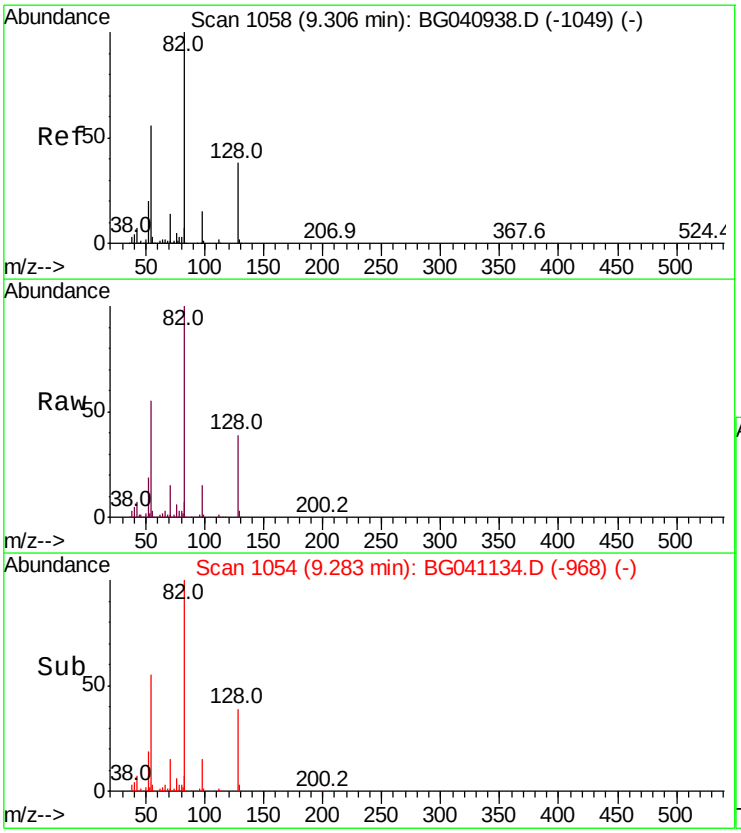
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 168624

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	9.5	7.6	11.4
68	4.1	3.9	5.9

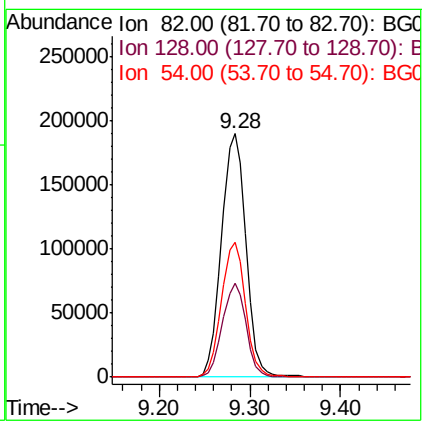


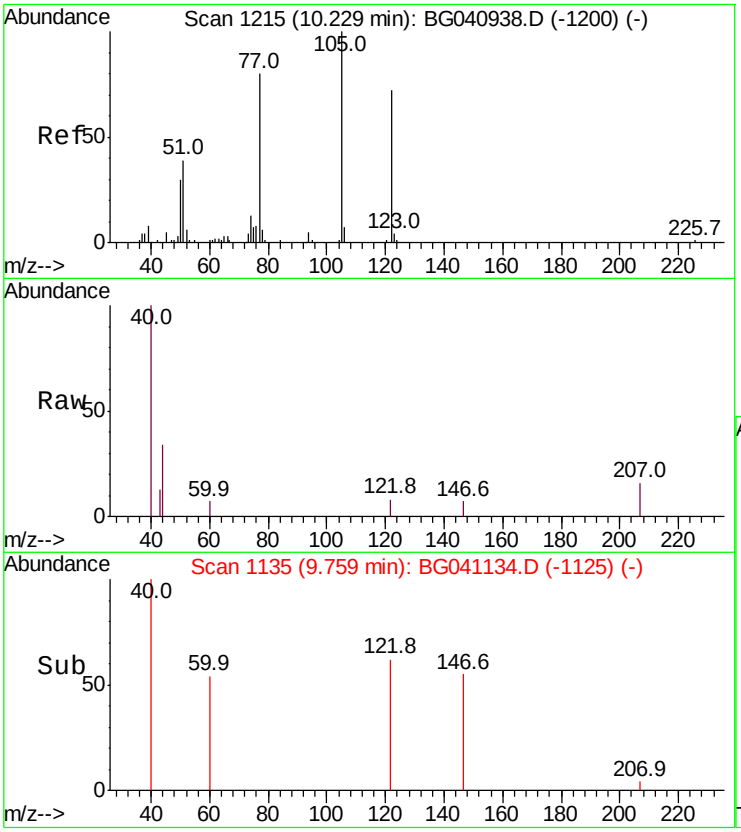


#23
Nitrobenzene-d5
Concen: 94.107 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion: 82 Resp: 357455

Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.5	45.7
54	55.4	44.6	66.8



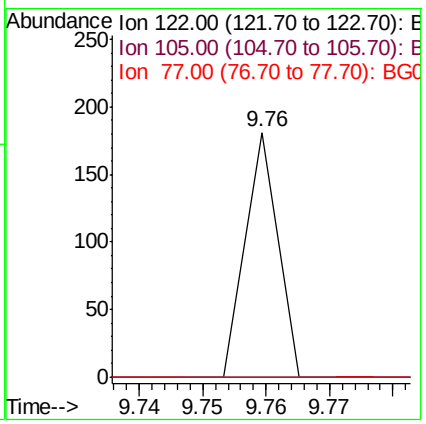


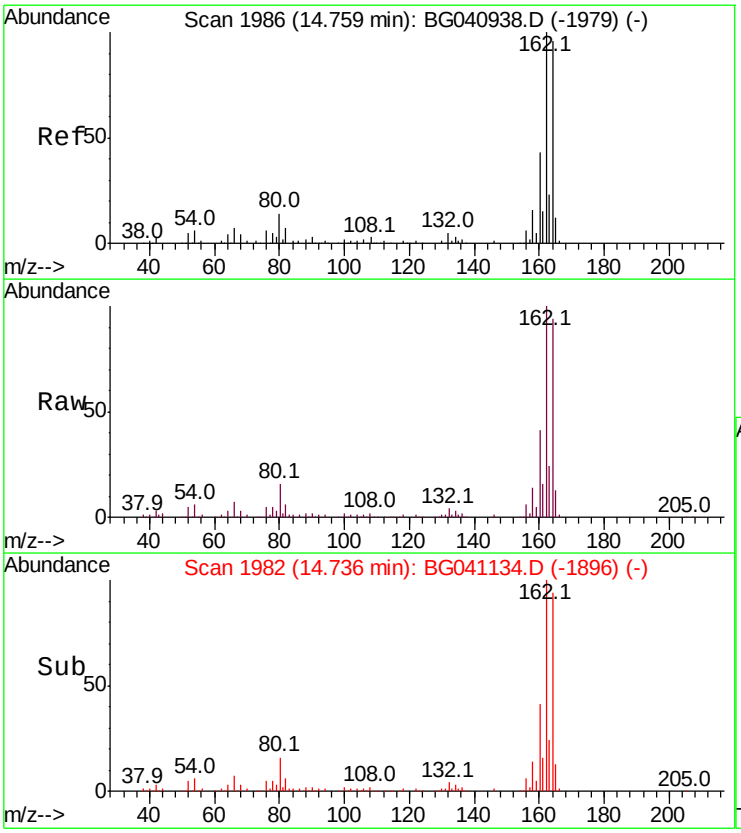
#32
Benzoic acid
Concen: 8.156 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.47 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion:122 Resp: 64

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	0.0	89.9	129.9#

Instrument :
BNA_G
ClientSampleId :

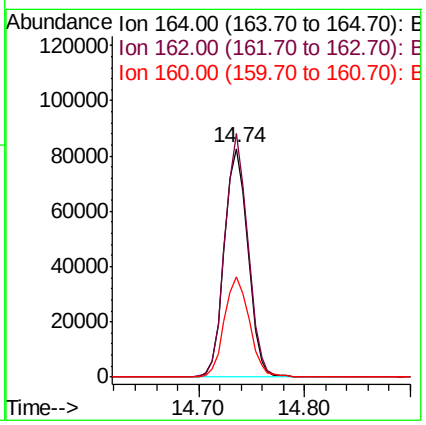


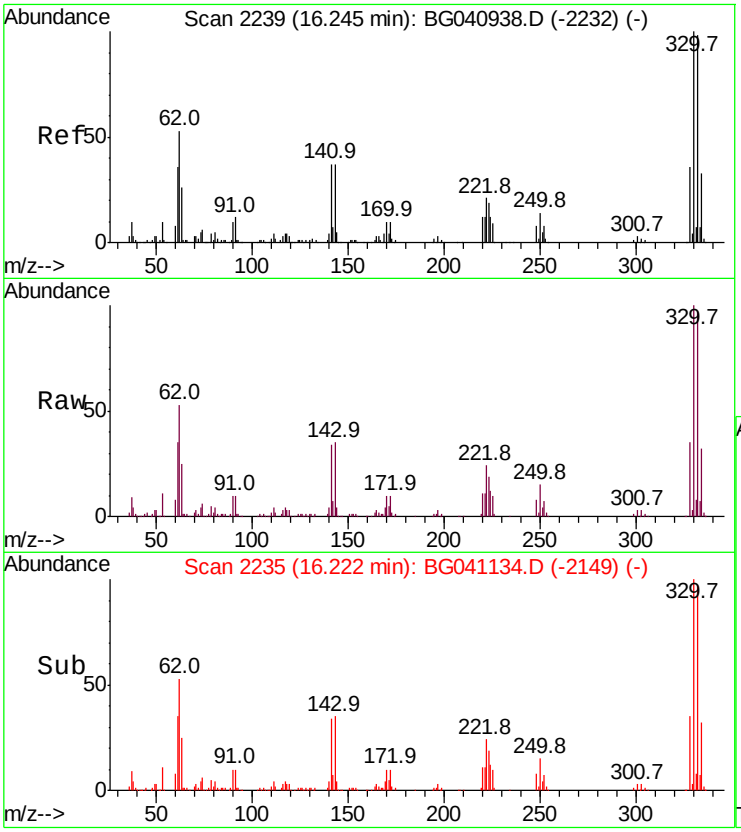


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.02 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion:164 Resp: 127901

Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.0	124.4
160	44.0	35.6	53.4



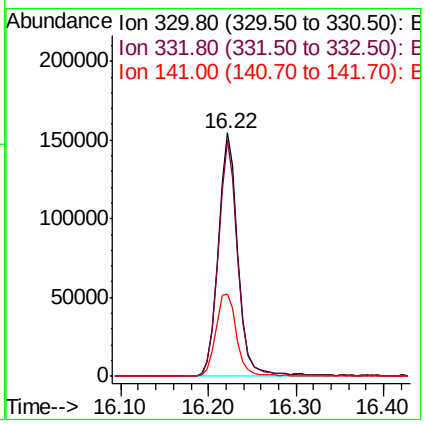


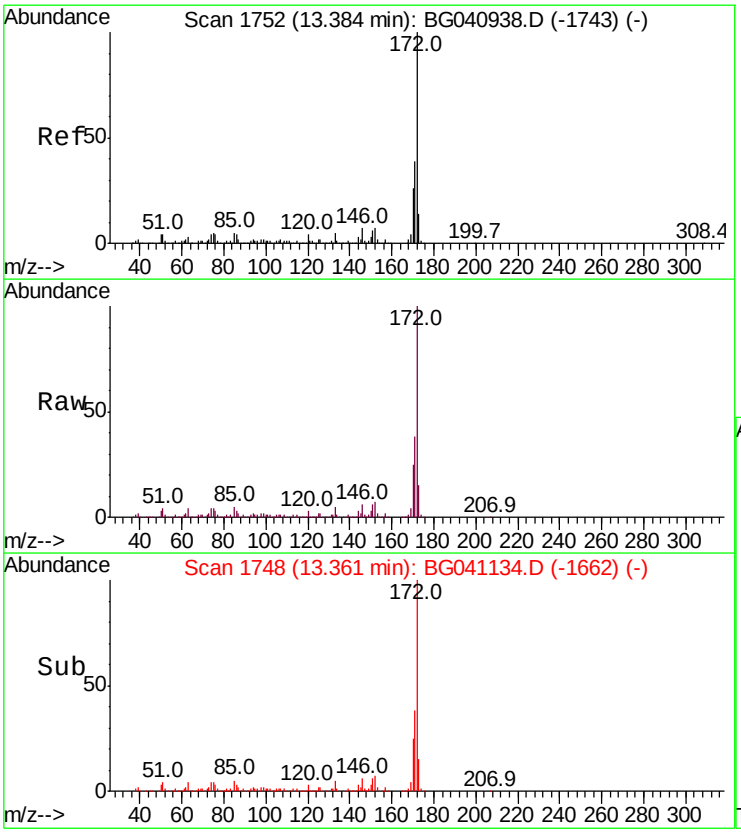
#42
2,4,6-Tribromophenol
Concen: 126.858 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 240876

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	35.5	28.7	43.1

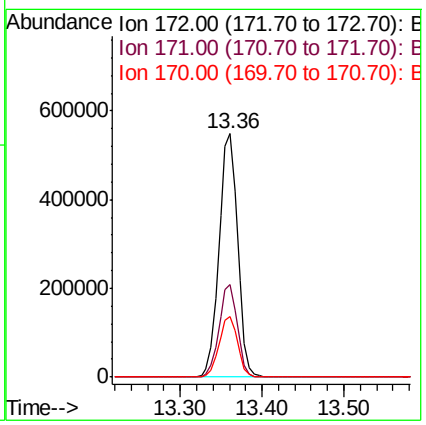


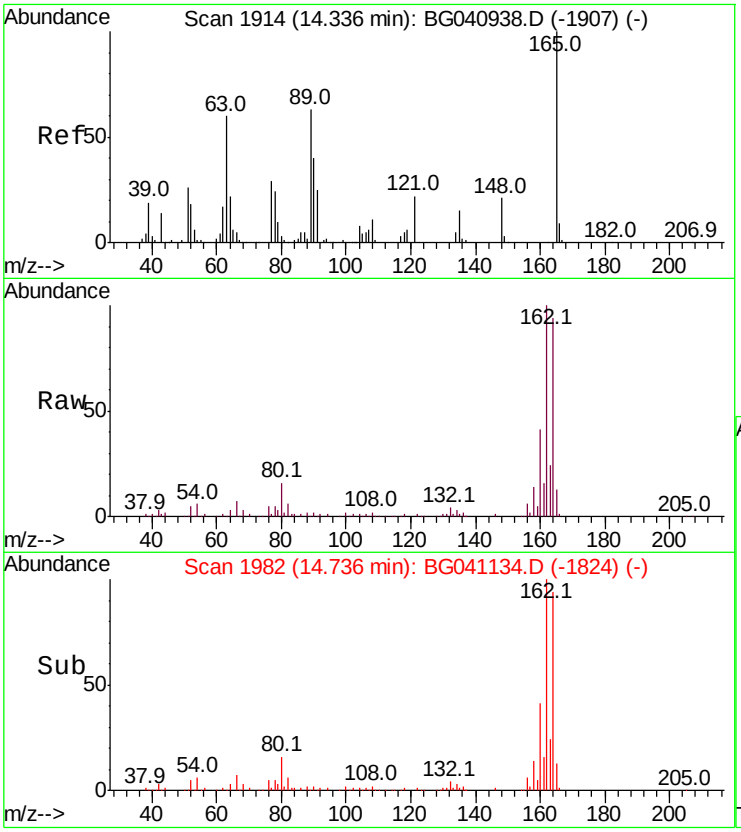


#45
2-Fluorobiphenyl
Concen: 97.339 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion:172 Resp: 864500

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.1	20.5	30.7



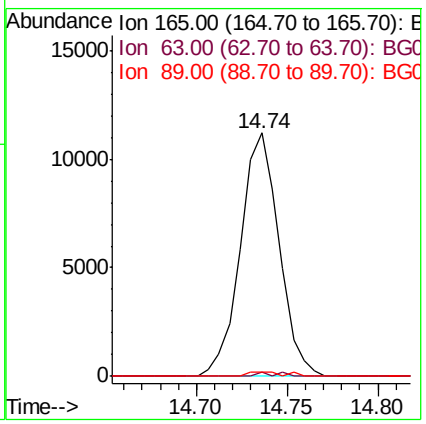


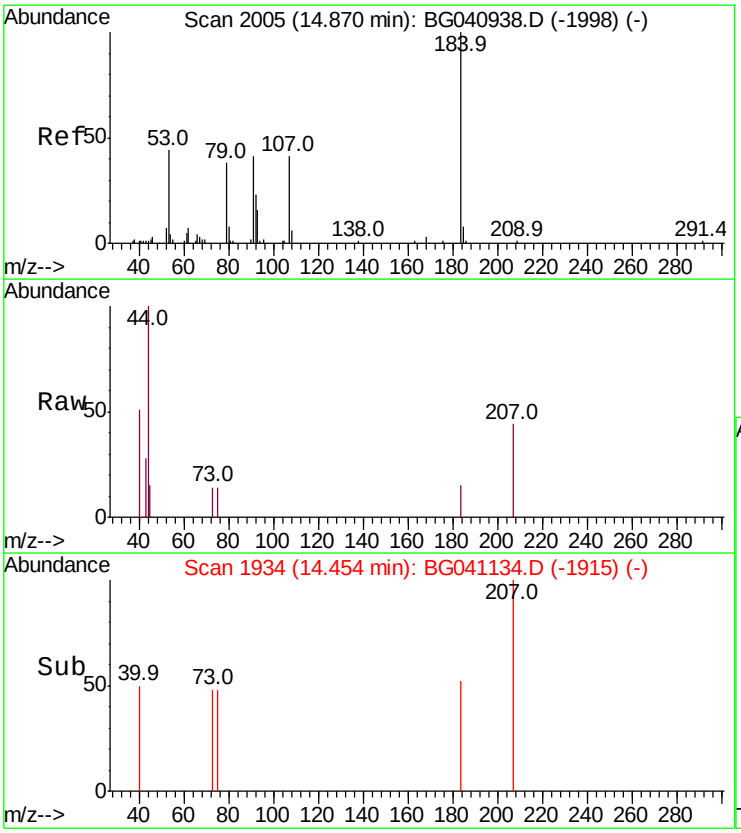
#51
2,6-Dinitrotoluene
Concen: 7.106 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.40 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16589

Ion	Ratio	Lower	Upper
165	100		
63	1.9	53.6	80.4#
89	2.0	50.4	75.6#

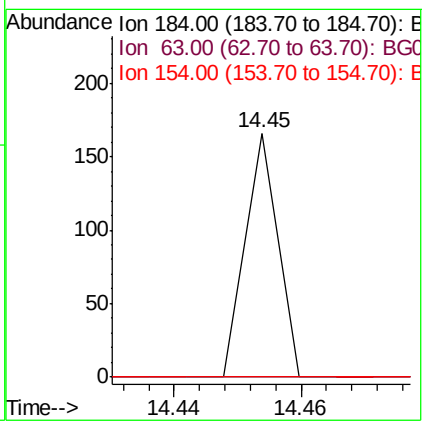


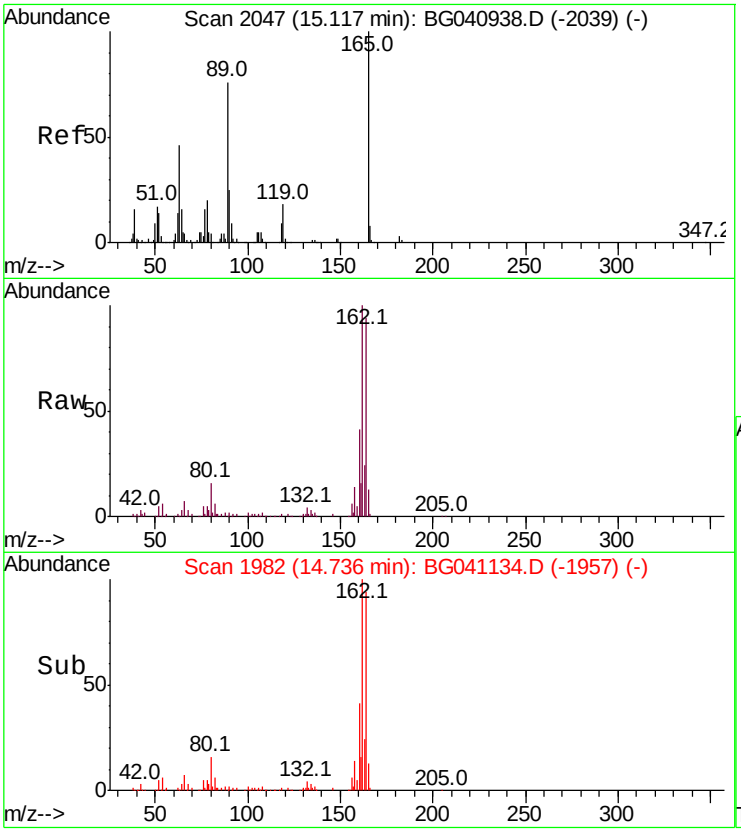


#54
2,4-Dinitrophenol
Concen: 8.312 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.42 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion:184 Resp: 59

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



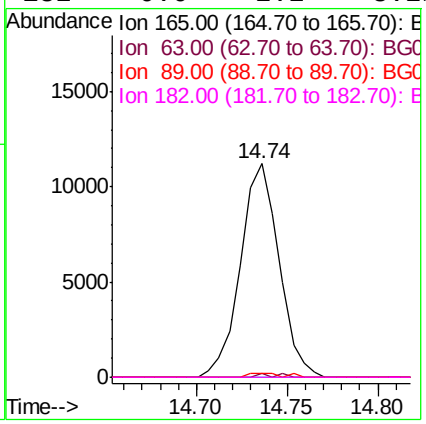


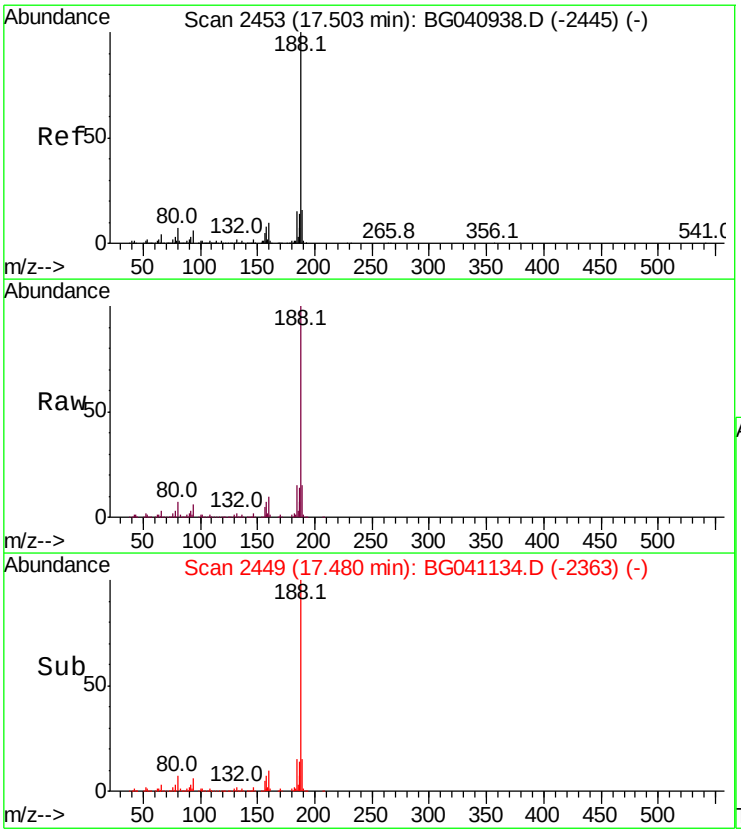
#57
2,4-Dinitrotoluene
Concen: 5.031 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.38 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16589

Ion	Ratio	Lower	Upper
165	100		
63	1.9	37.3	55.9#
89	2.0	61.0	91.6#
182	0.0	2.2	3.2#

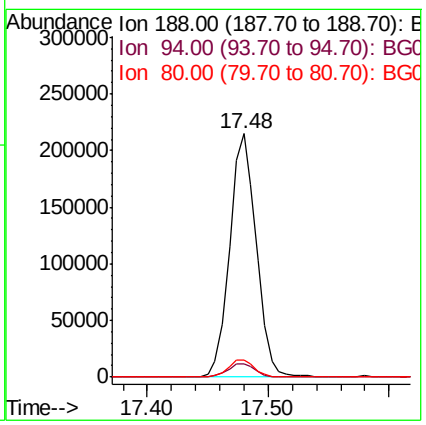


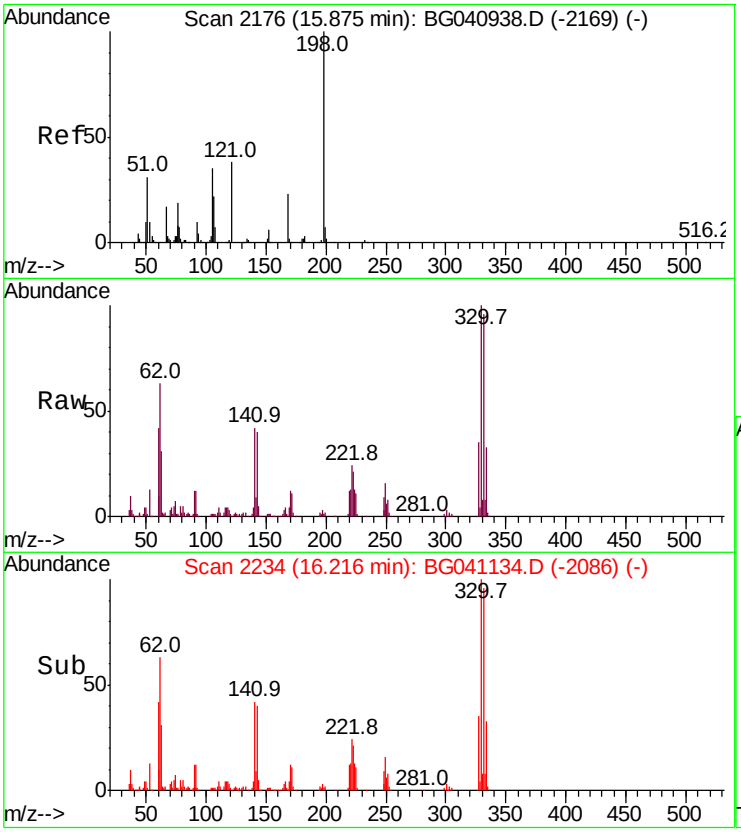


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion:188 Resp: 328646

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.7	7.1
80	7.1	5.8	8.8



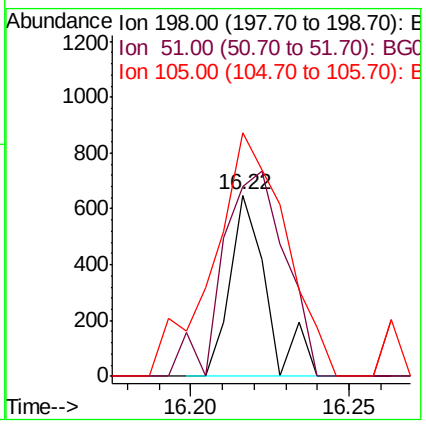


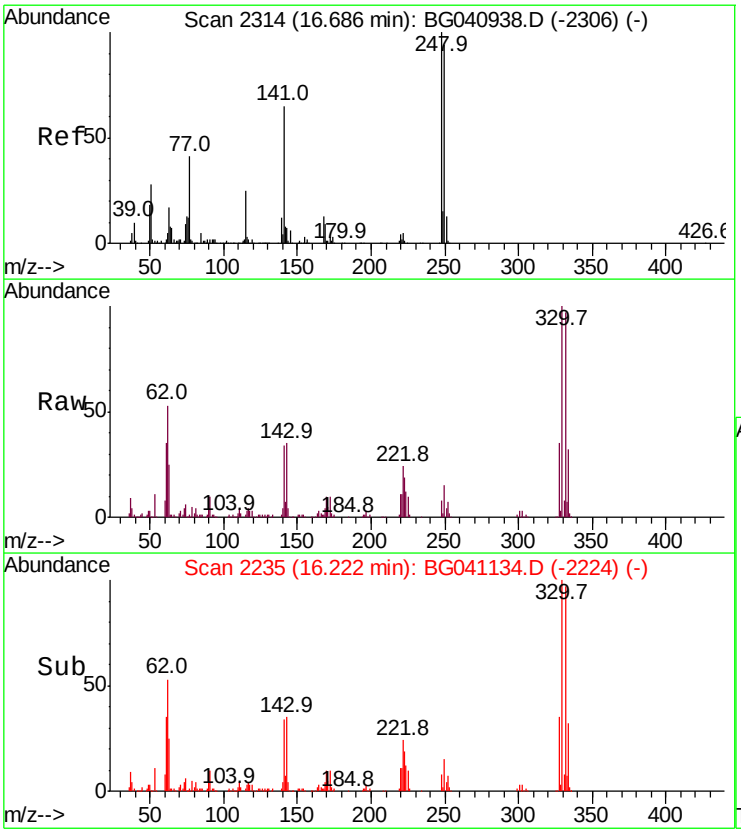
#65
4,6-Dinitro-2-methylphenol
Concen: 8.829 ng
RT: 16.22 min Scan# 2234
Delta R.T. 0.34 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 513

Ion	Ratio	Lower	Upper
198	100		
51	104.6	21.6	61.6#
105	134.6	17.5	57.5#

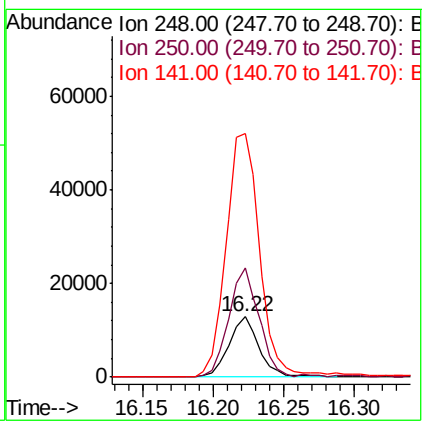


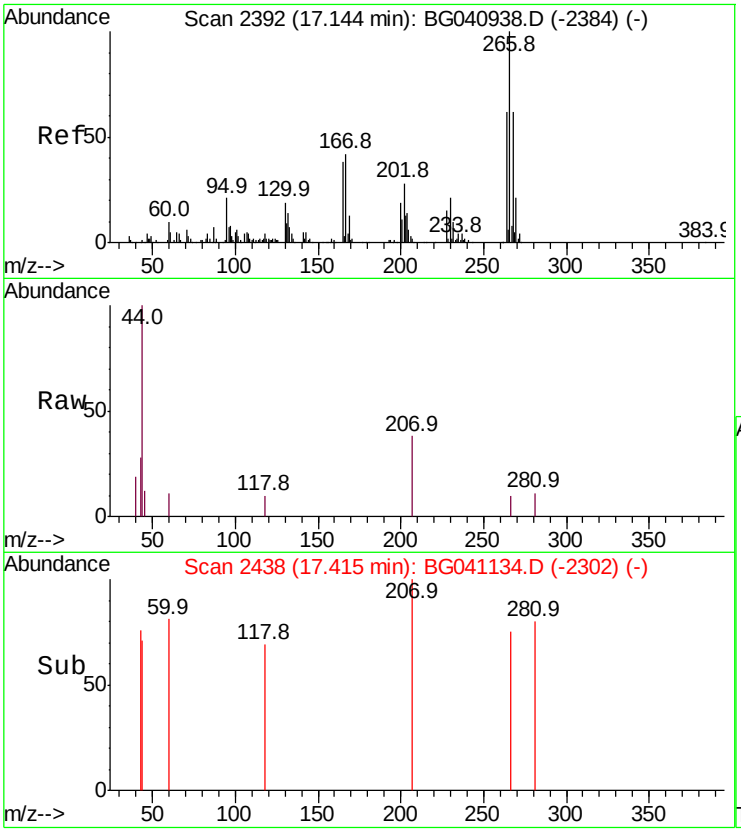


#67
4-Bromophenyl-phenylether
Concen: 4.325 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.46 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion:248 Resp: 19184

Ion	Ratio	Lower	Upper
248	100		
250	181.1	75.0	112.4#
141	403.9	52.4	78.6#



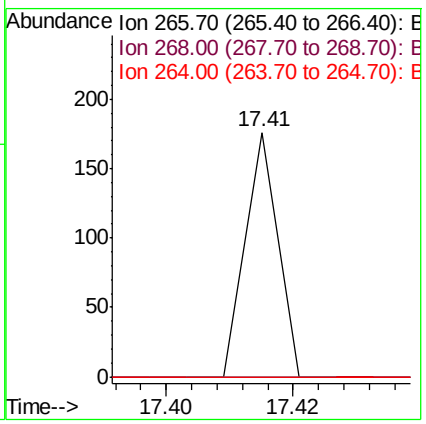


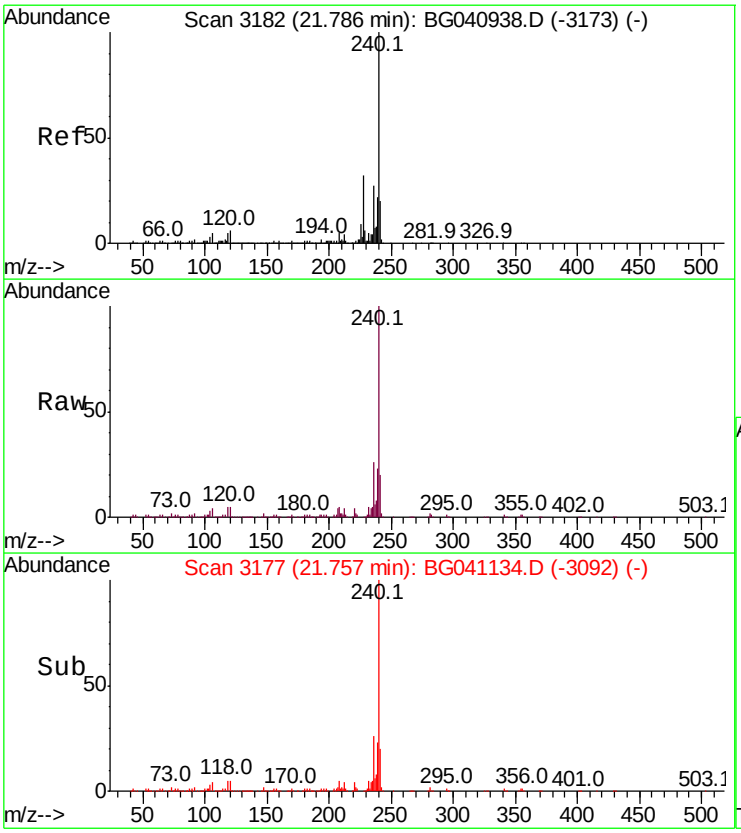
#70
Pentachlorophenol
Concen: 4.279 ng
RT: 17.41 min Scan# 2438
Delta R.T. 0.27 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Instrument :
BNA_G
ClientSampleId :

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#

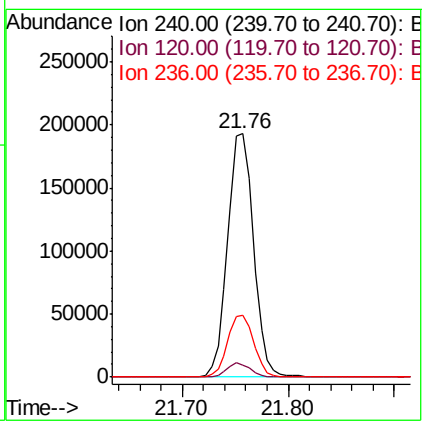


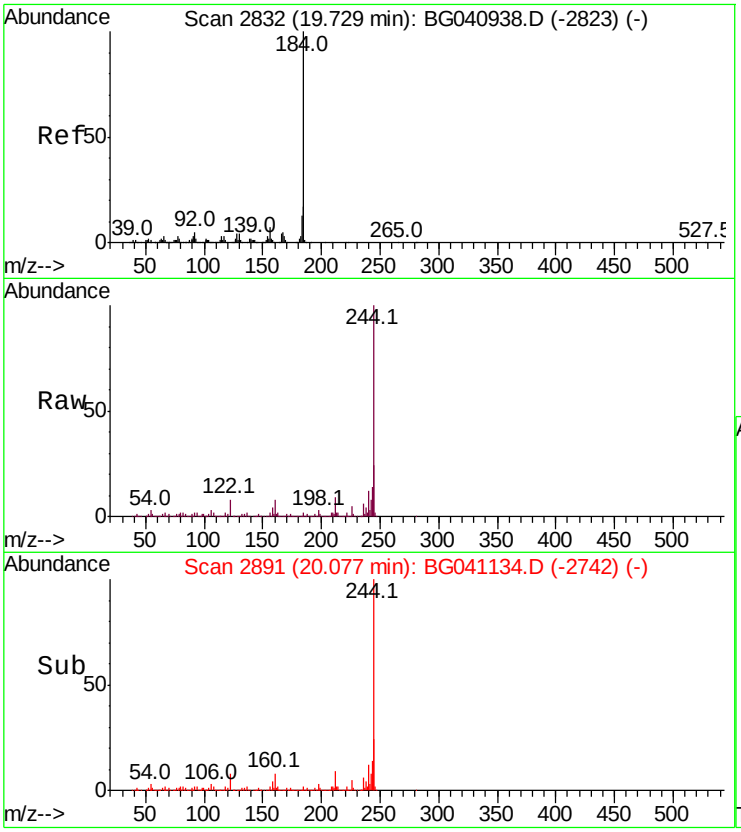


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.03 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion:240 Resp: 327480

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.5	6.7
236	25.5	21.3	31.9



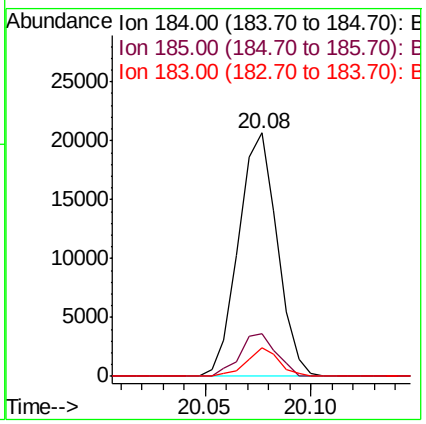


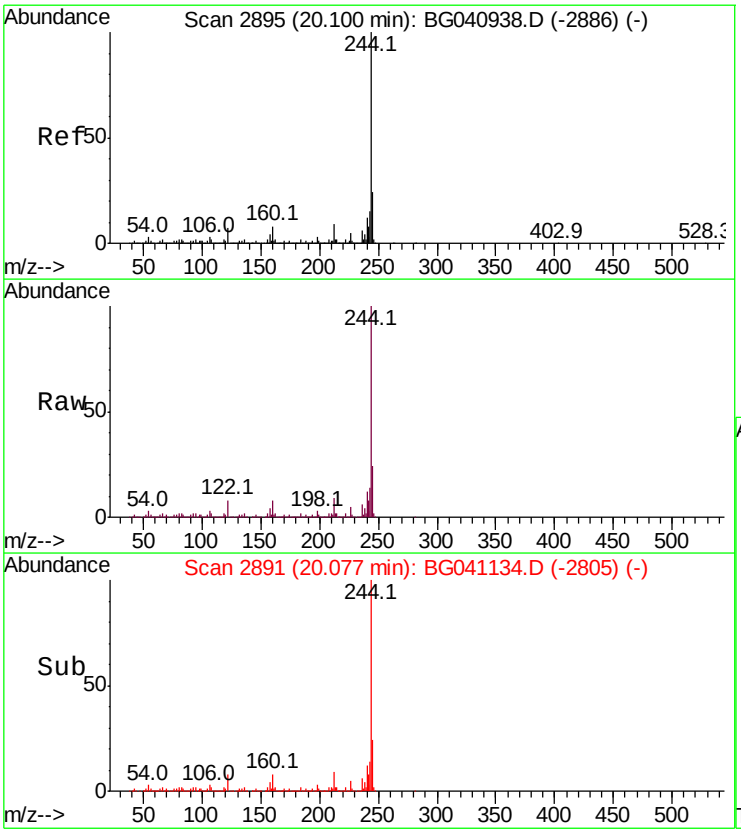
#77
Benzidine
Concen: 3.360 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.35 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 26249

Ion	Ratio	Lower	Upper
184	100		
185	17.5	13.3	19.9
183	11.5	10.7	16.1

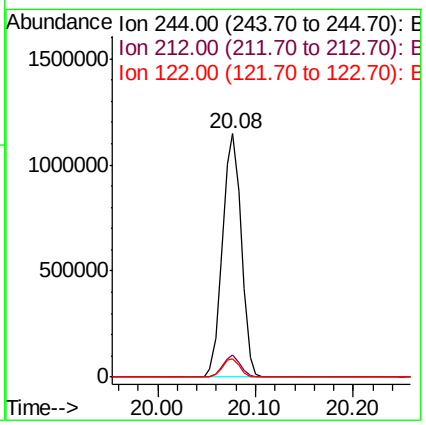


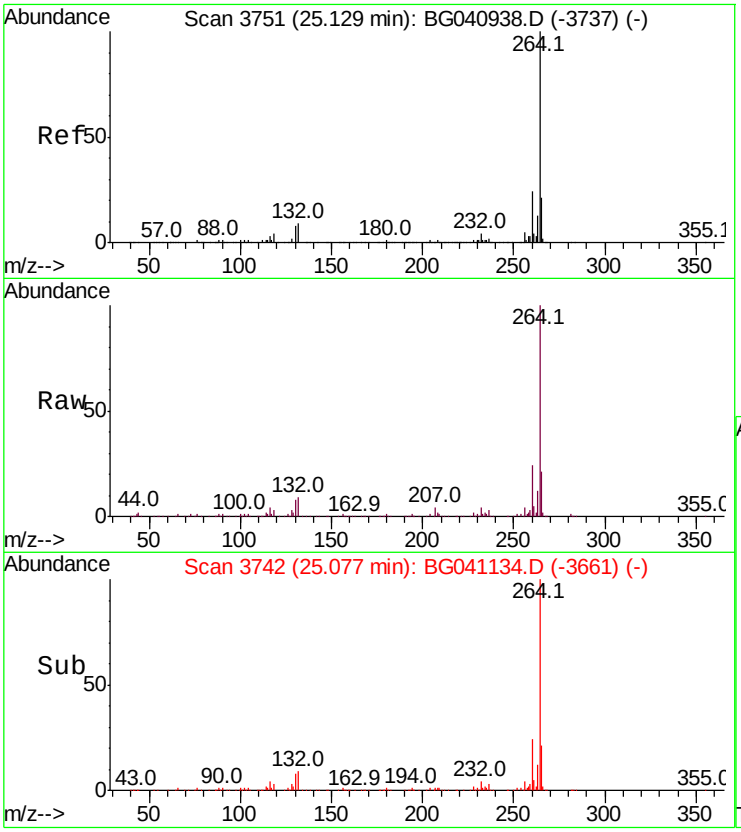


#79
Terphenyl-d14
Concen: 99.254 ng
RT: 20.08 min Scan# 2891
Delta R.T. -0.02 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion:244 Resp: 1531492

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	7.7	5.4	8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3742
Delta R.T. -0.05 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 339154

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.3	17.0	25.4