Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044751.D
Acq On : 13 Mar 2020 2:07
Operator : CG/JU
Sample : PB127459BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 06:10:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	96252	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	389100	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	272326	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	622246	20.00	ng	0.00
76) Chrysene-d12	21.70	240	587618	20.00	ng	-0.01
87) Perylene-d12	24.91	264	630891	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	782920	126.62	ng	0.00
7) Phenol-d6	7.21	99	1114126	124.02	ng	0.00
23) Nitrobenzene-d5	9.21	82	720689	81.28	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	449733	126.13	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1542651	81.12	ng	0.00
79) Terphenyl-d14	20.04	244	2481114	78.98	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	2563	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.21	70	100844	15.897	ng	# 72
26) 2-Nitrophenol	9.85	139	60	5.532	ng	# 28
32) Benzoic acid	10.11	122	82	9.685	ng	# 1
51) 2,6-Dinitrotoluene	14.68	165	34365	7.860	ng	# 21
54) 2,4-Dinitrophenol	15.13	184	90	8.358	ng	# 2
57) 2,4-Dinitrotoluene	14.68	165	34365	5.731	ng	# 18
65) 4,6-Dinitro-2-methylphenol	15.80	198	71	7.749	ng	# 35
67) 4-Bromophenyl-phenylether	16.17	248	30379	3.905	ng	# 1

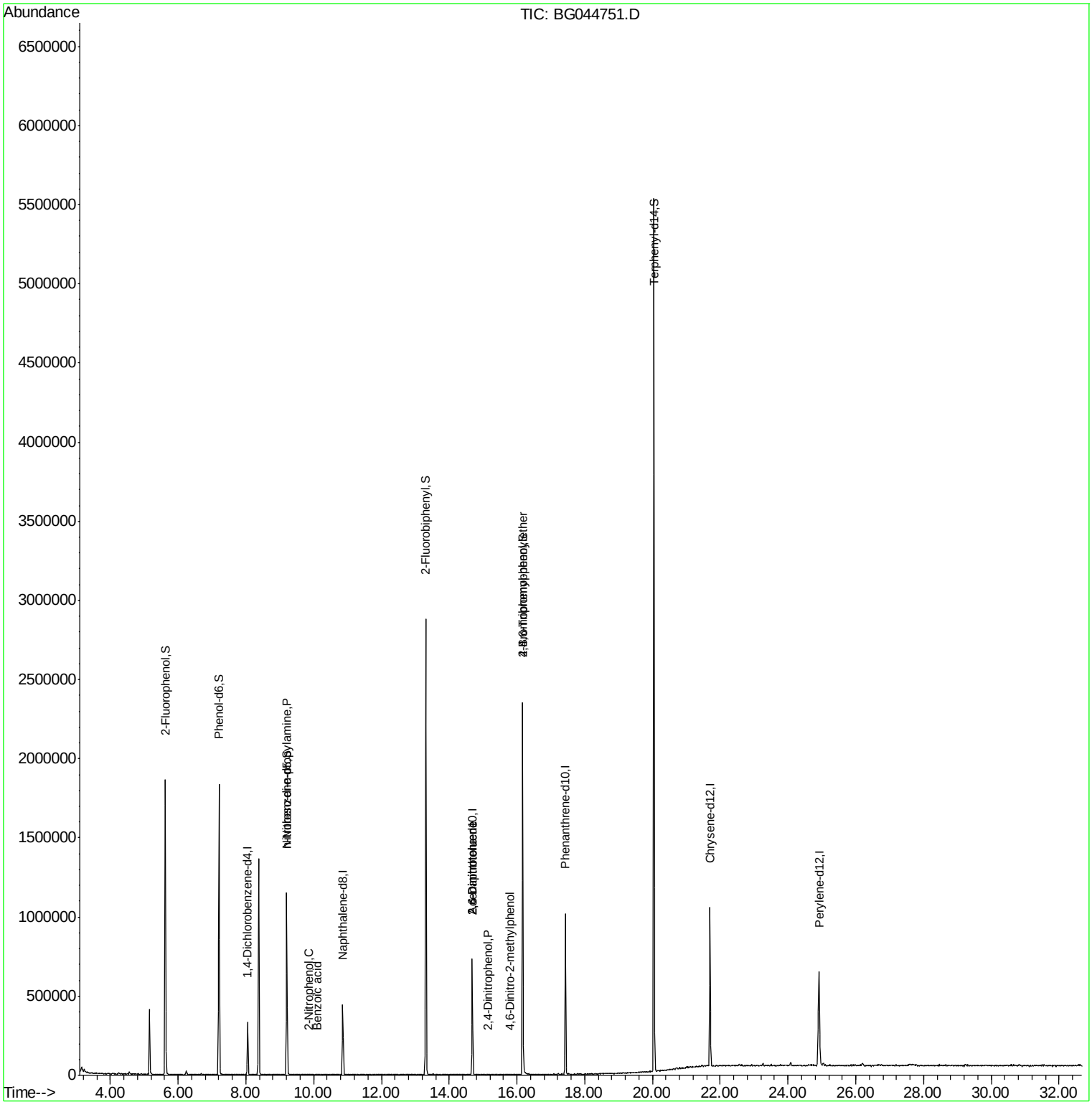
(#) = qualifier out of range (m) = manual integration (+) = signals summed

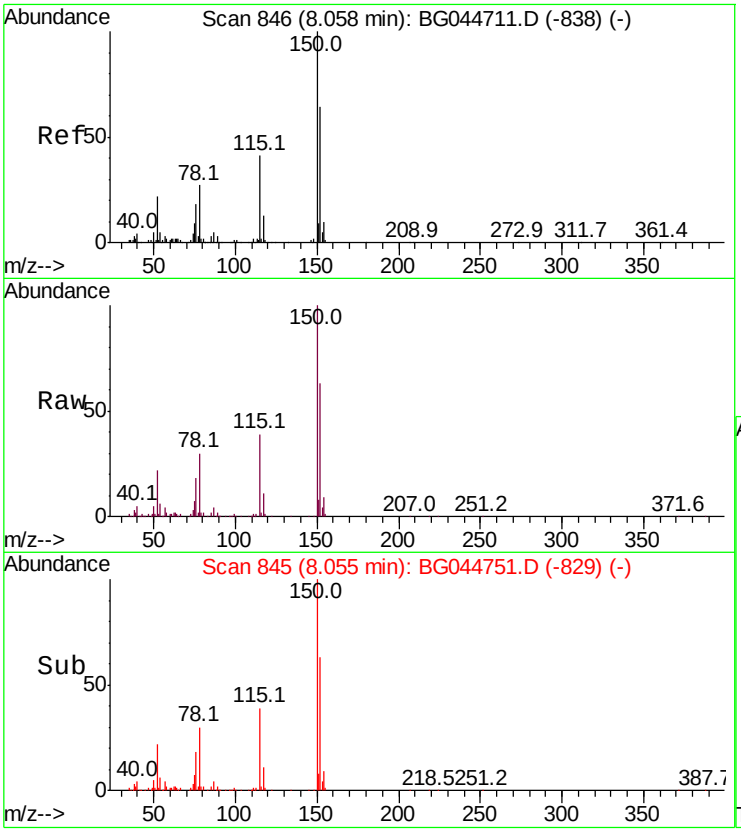
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044751.D
Acq On : 13 Mar 2020 2:07
Operator : CG/JU
Sample : PB127459BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 06:10:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration



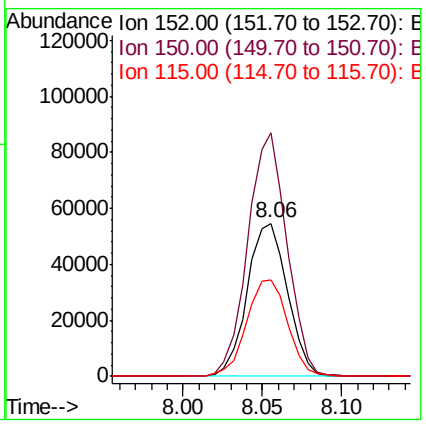


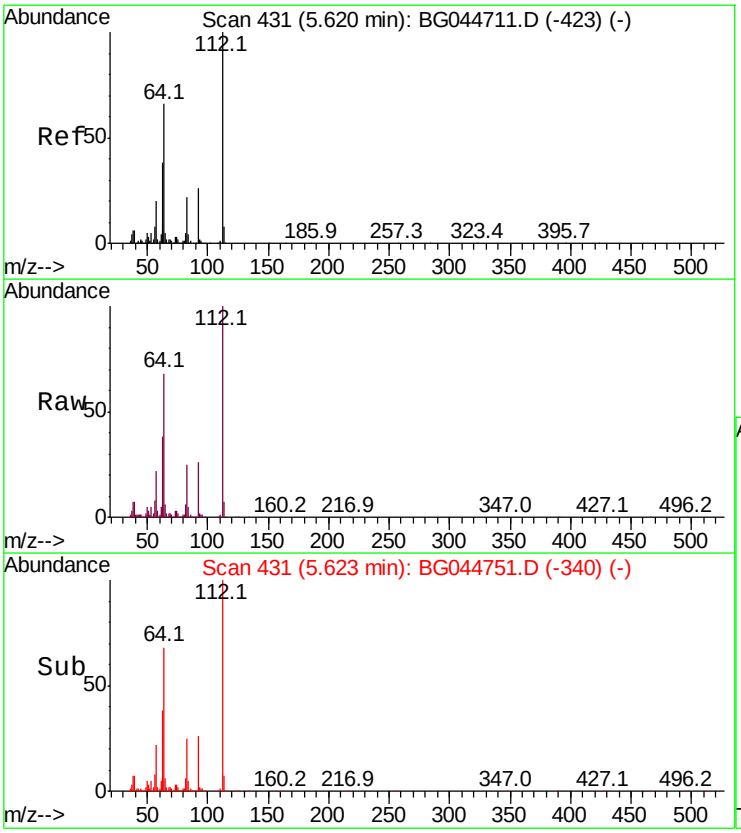
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 96252

Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.3	187.9
115	62.6	51.7	77.5

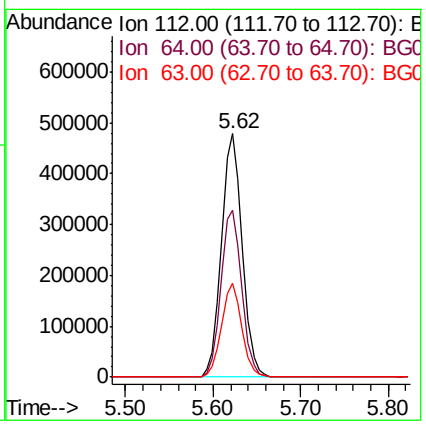


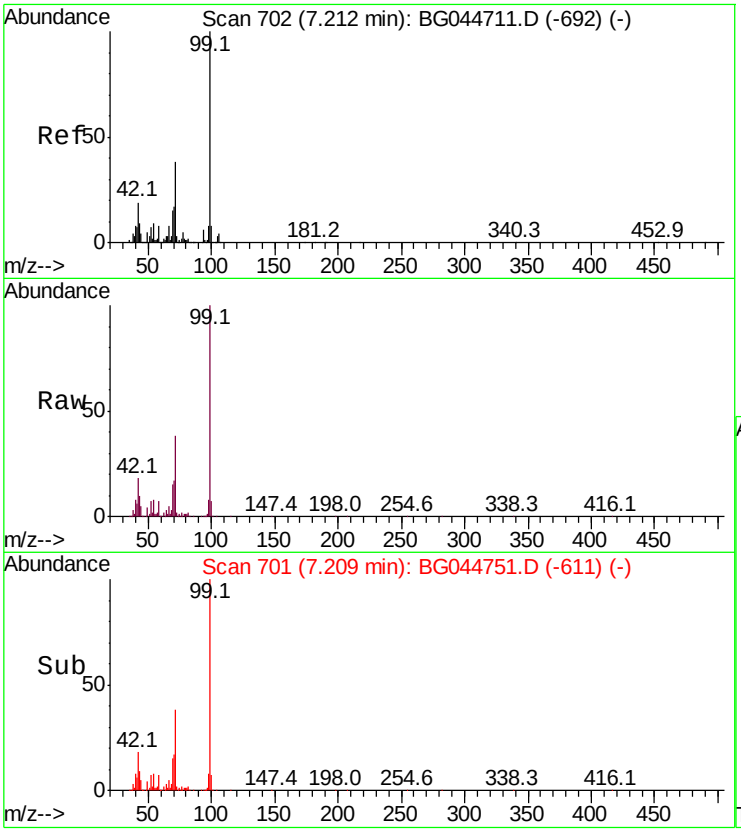


#5
2-Fluorophenol
Concen: 126.622 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Tgt Ion:112 Resp: 782920

Ion	Ratio	Lower	Upper
112	100		
64	68.3	52.6	78.8
63	38.3	30.2	45.4



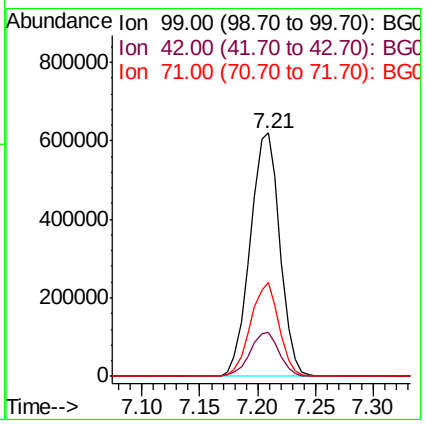


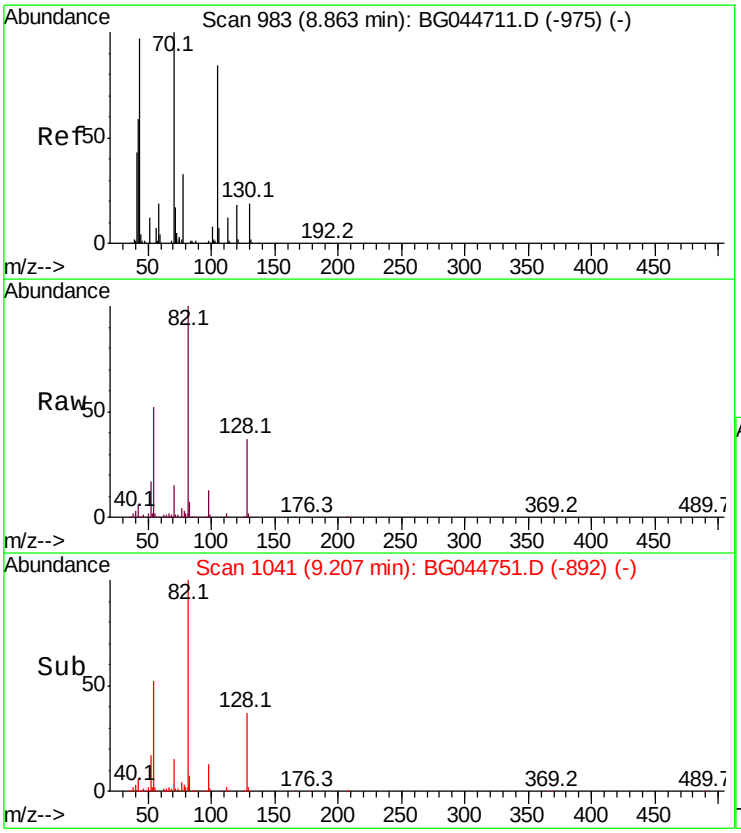
#7
Phenol-d6
Concen: 124.017 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1114126

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.4	23.0
71	38.3	30.2	45.4

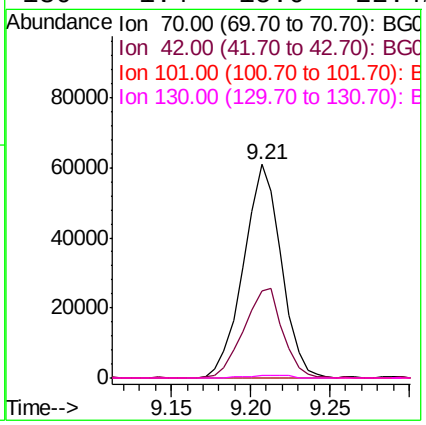


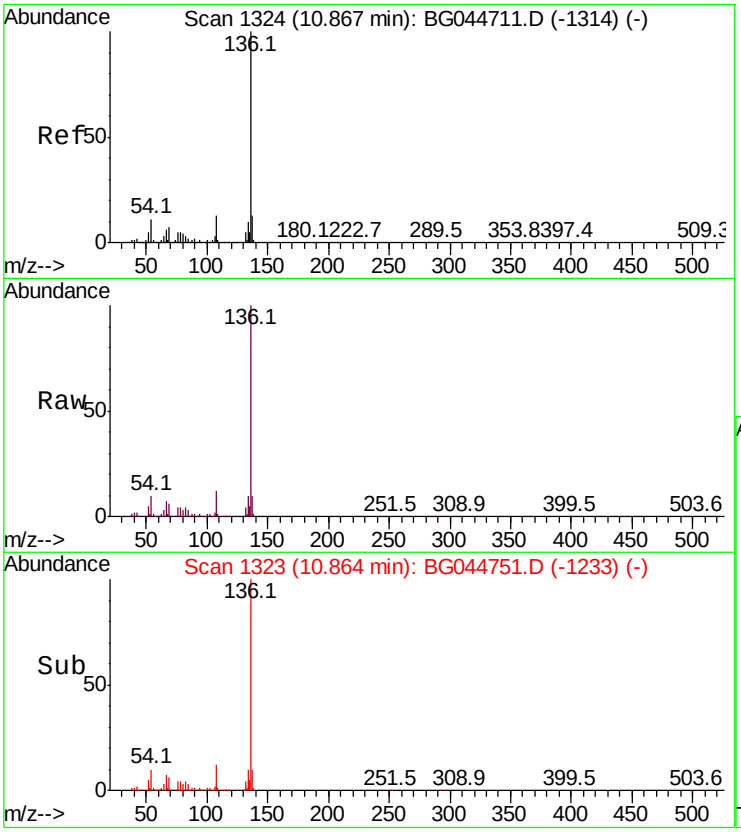


#19
n-Nitroso-di-n-propylamine
Concen: 15.897 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Tgt Ion: 70 Resp: 100844

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.6	71.4#
101	0.0	6.5	9.7#
130	1.4	15.0	22.4#



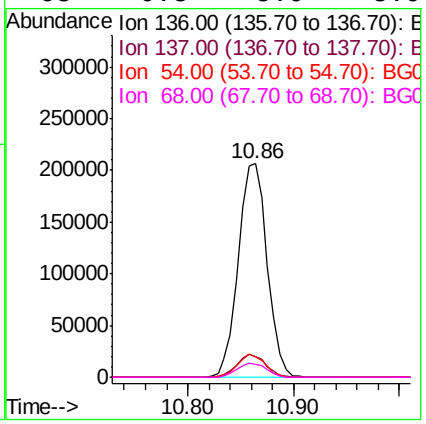


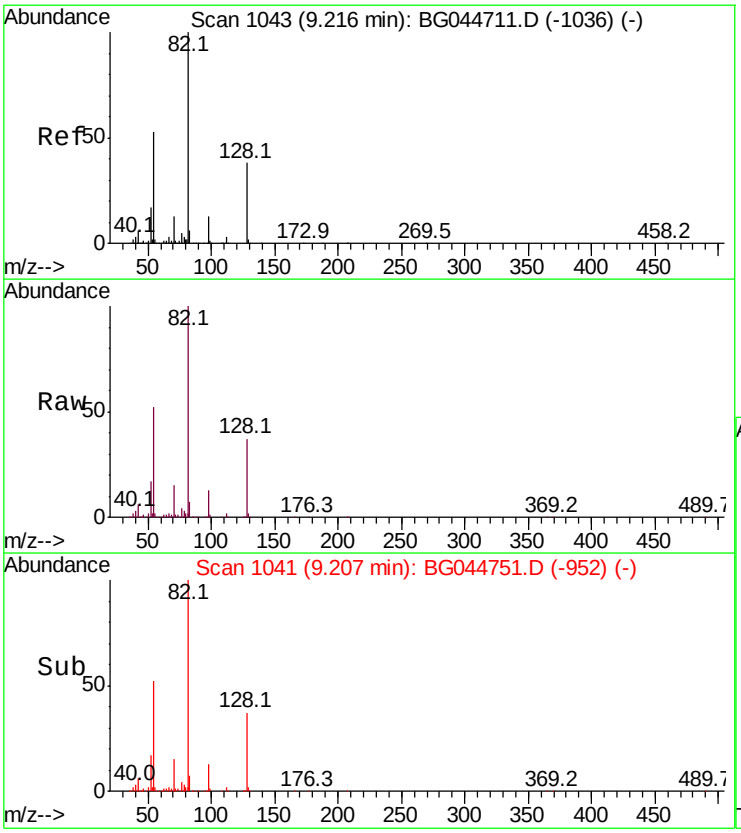
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 389100

Ion	Ratio	Lower	Upper
136	100		
137	9.7	10.7	16.1#
54	9.8	9.0	13.4
68	6.3	5.9	8.9

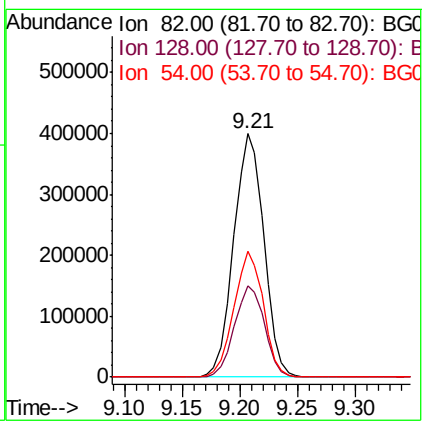


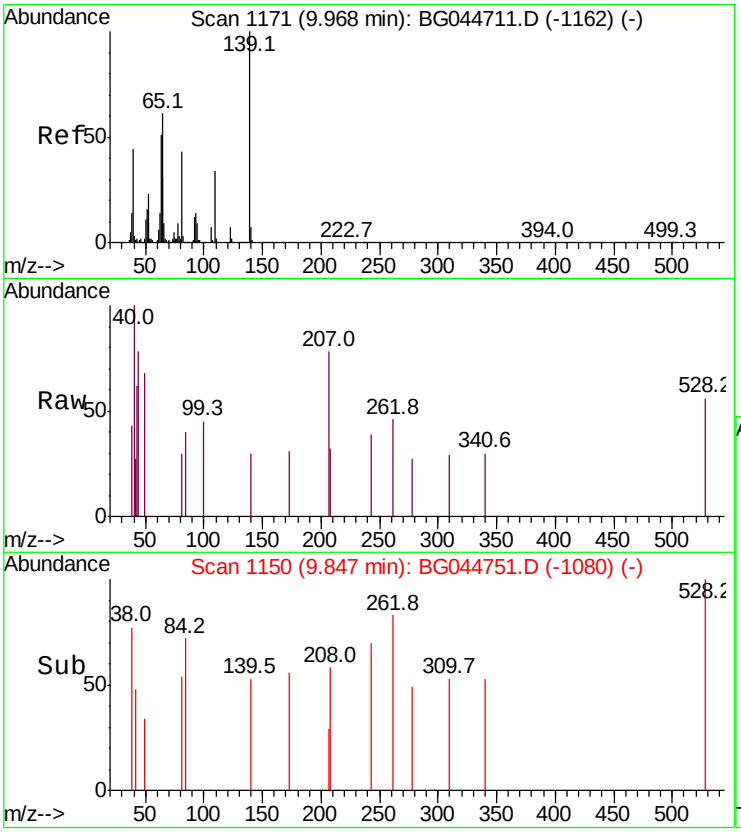


#23
Nitrobenzene-d5
Concen: 81.277 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Tgt Ion: 82 Resp: 720689

Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.2	45.2
54	51.7	41.8	62.8



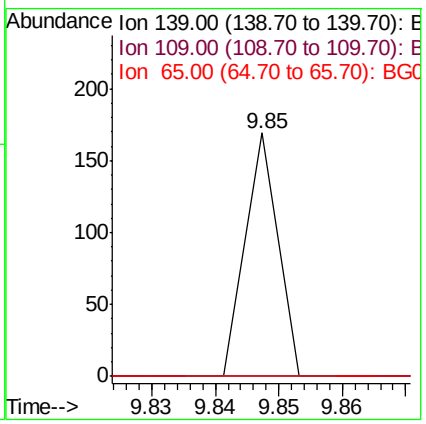


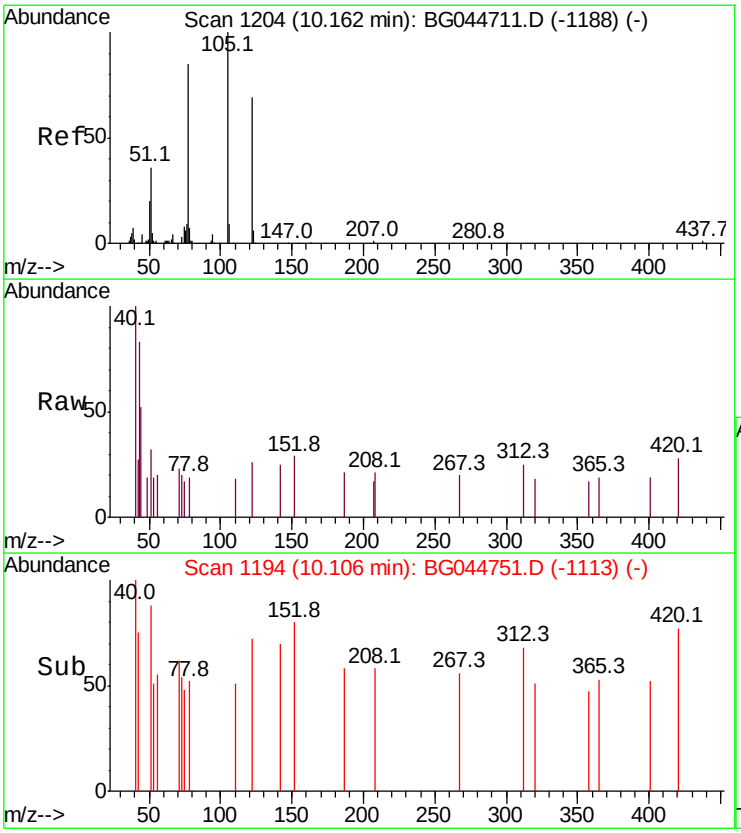
#26
2-Nitrophenol
Concen: 5.532 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.12 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 60

Ion	Ratio	Lower	Upper
139	100		
109	0.0	27.0	40.4#
65	0.0	48.6	73.0#

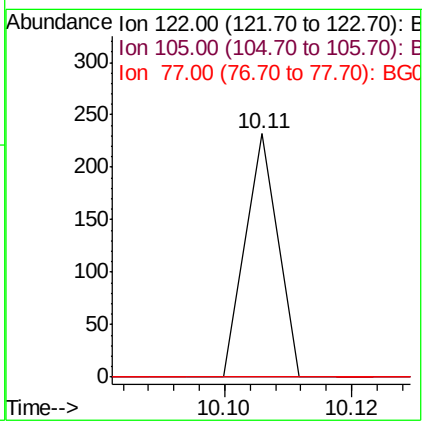


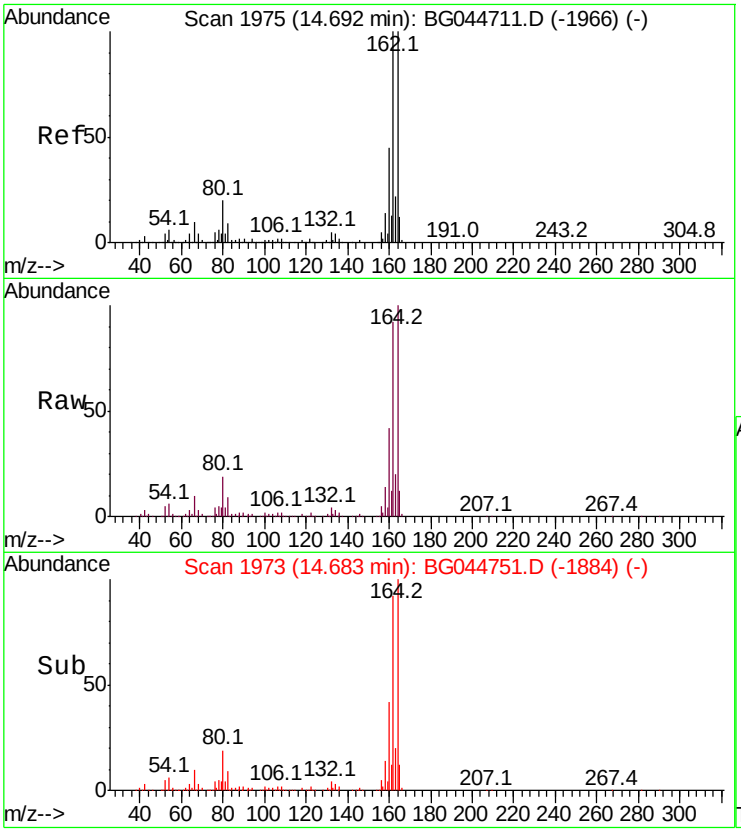


#32
Benzoic acid
Concen: 9.685 ng
RT: 10.11 min Scan# 1194
Delta R.T. -0.06 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Tgt Ion:122 Resp: 82

Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.0	159.0#
77	0.0	96.4	136.4#



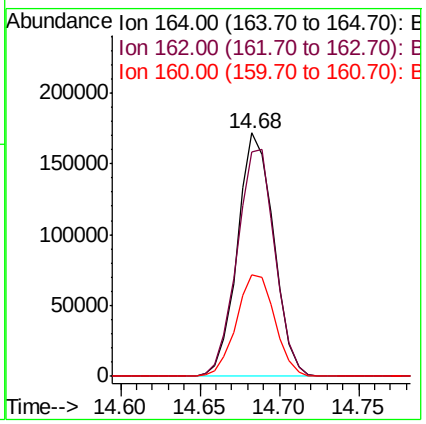


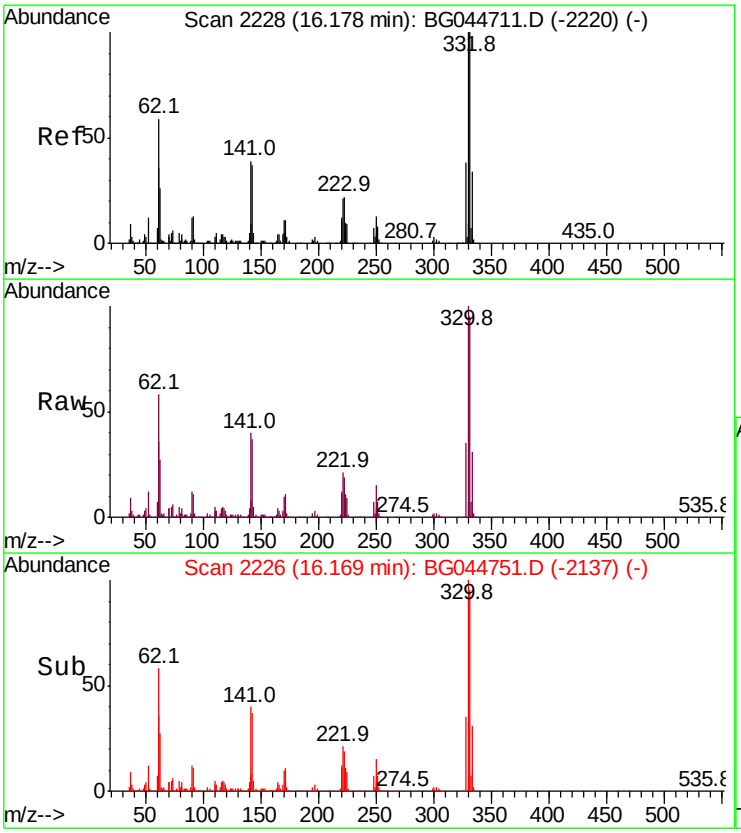
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 272326

Ion	Ratio	Lower	Upper
164	100		
162	91.9	80.2	120.4
160	41.6	36.2	54.2

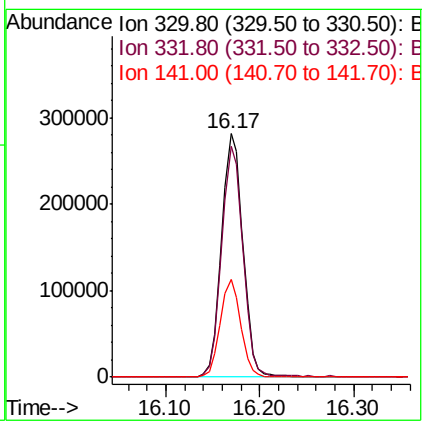


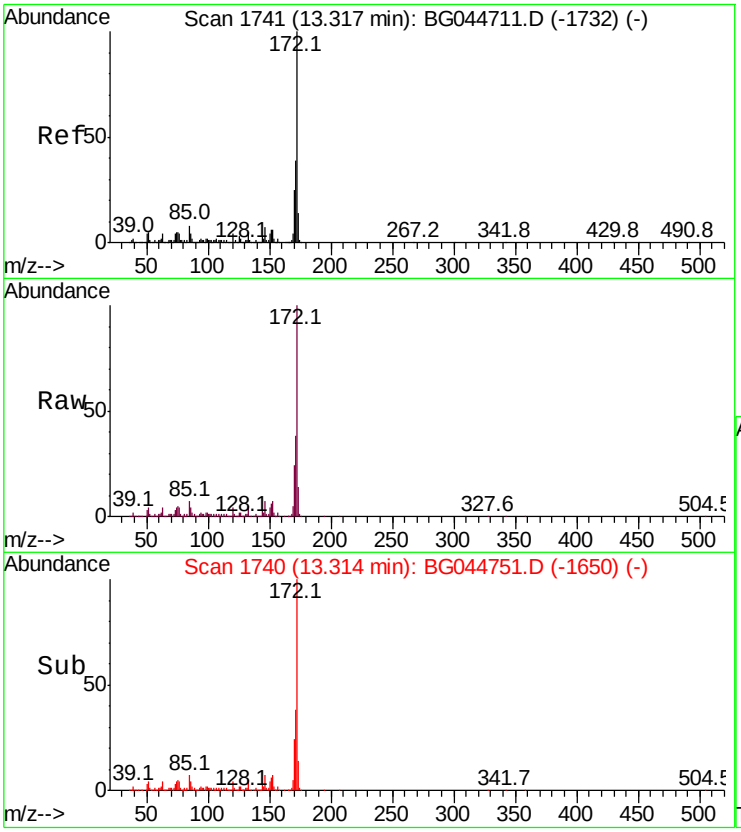


#42
2,4,6-Tribromophenol
Concen: 126.128 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Tgt Ion:330 Resp: 449733

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.5	116.3
141	38.7	31.7	47.5



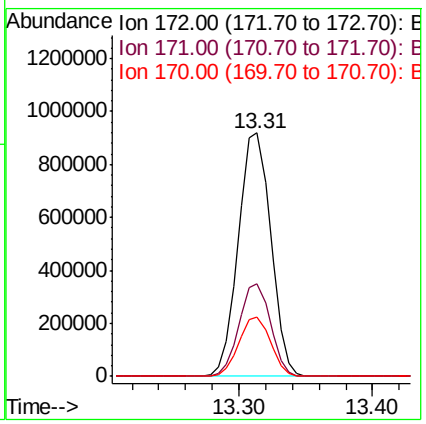


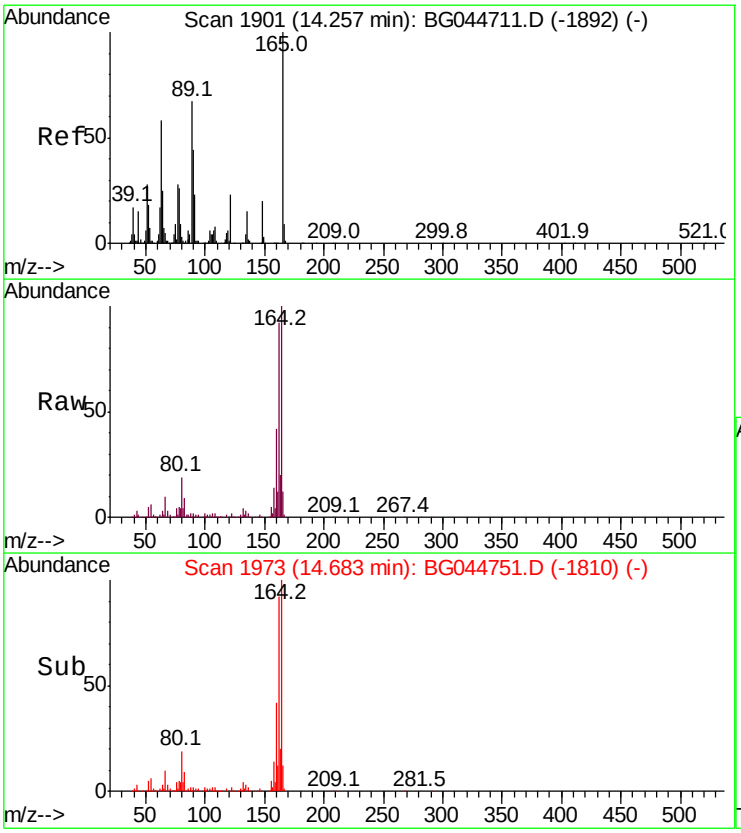
#45
2-Fluorobiphenyl
Concen: 81.121 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1542651

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	24.3	20.0	30.0

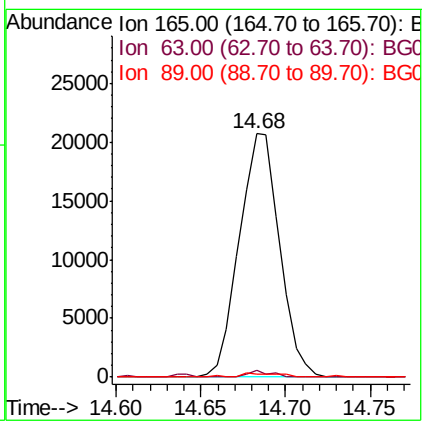


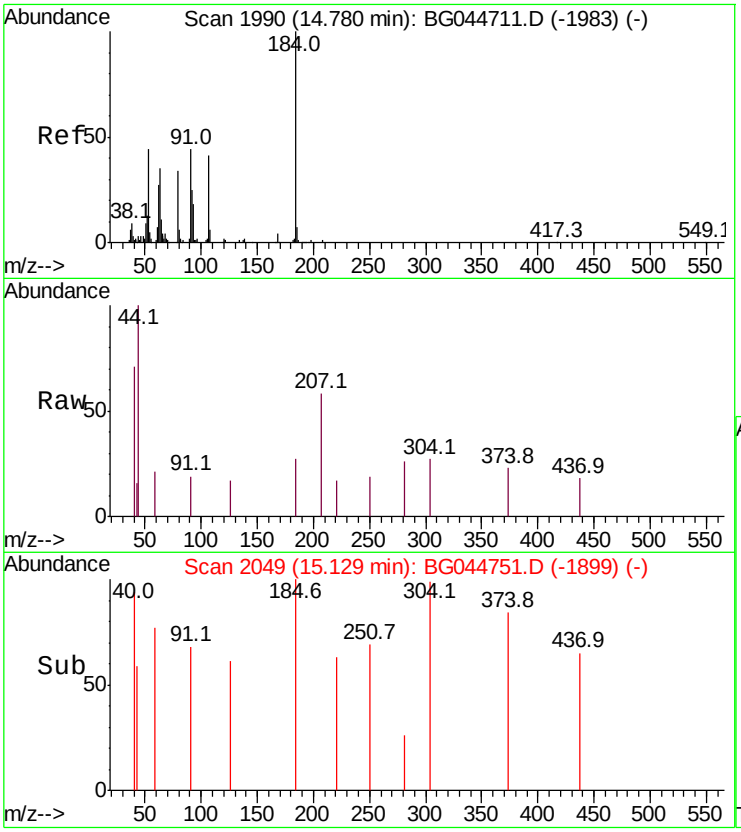


#51
2,6-Dinitrotoluene
Concen: 7.860 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.43 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Tgt Ion:165 Resp: 34365

Ion	Ratio	Lower	Upper
165	100		
63	2.6	48.9	73.3#
89	1.4	53.8	80.8#



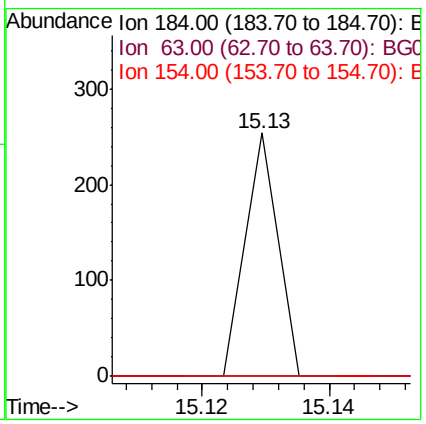


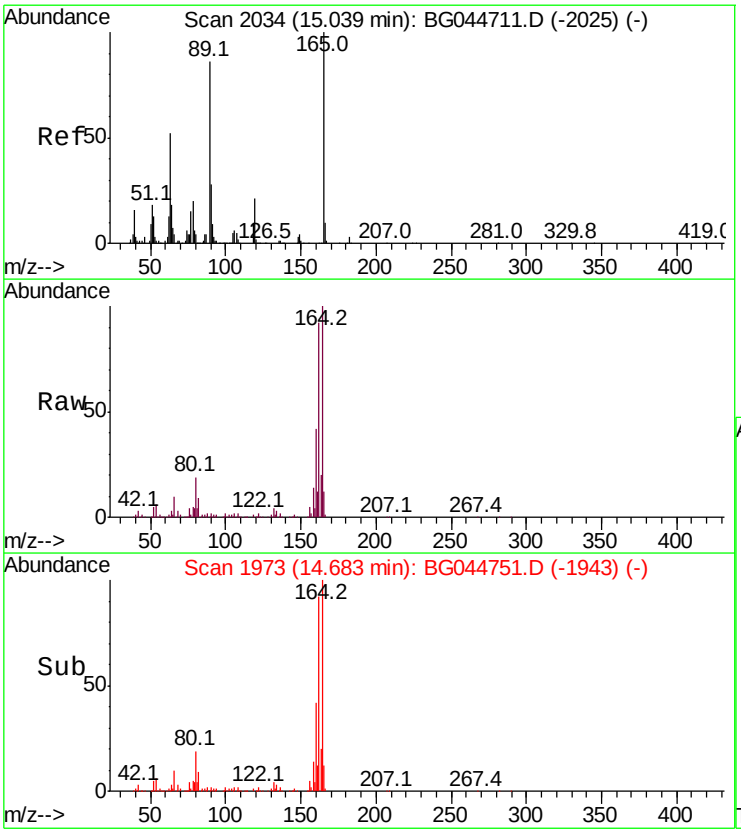
#54
2,4-Dinitrophenol
Concen: 8.358 ng
RT: 15.13 min Scan# 2049
Delta R.T. 0.35 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 90

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.0	73.6#
154	0.0	94.5	141.7#

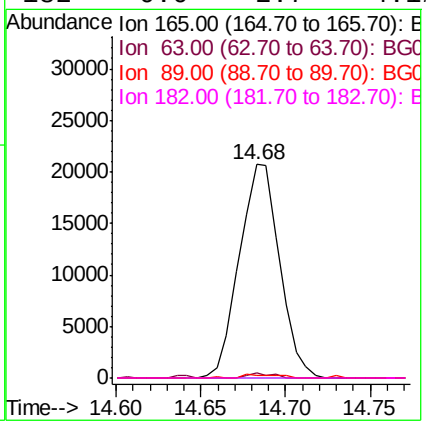


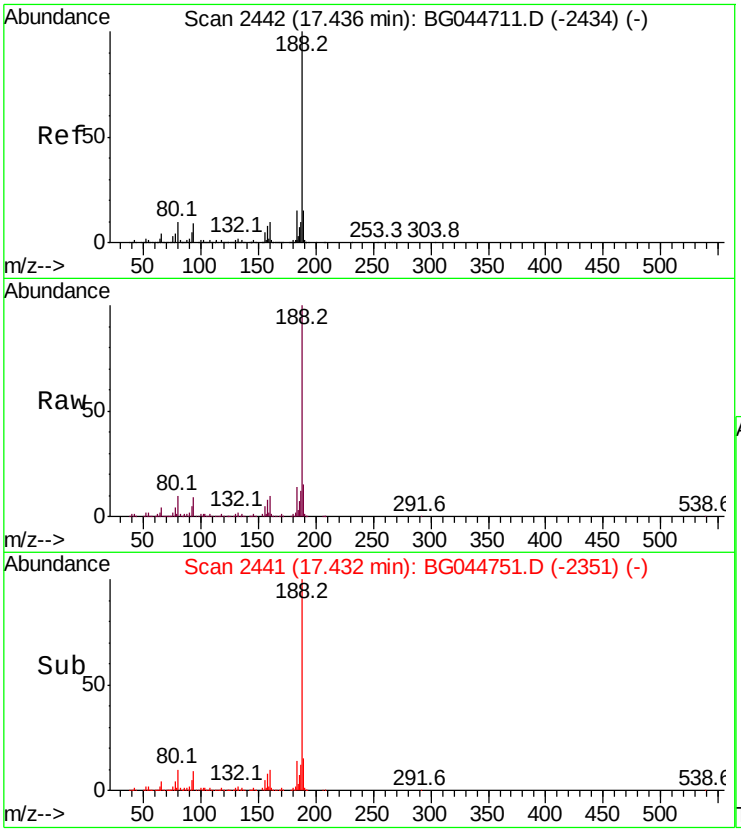


#57
2,4-Dinitrotoluene
Concen: 5.731 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.36 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Tgt Ion:165 Resp: 34365

Ion	Ratio	Lower	Upper
165	100		
63	2.6	41.5	62.3#
89	1.4	69.0	103.4#
182	0.0	2.7	4.1#



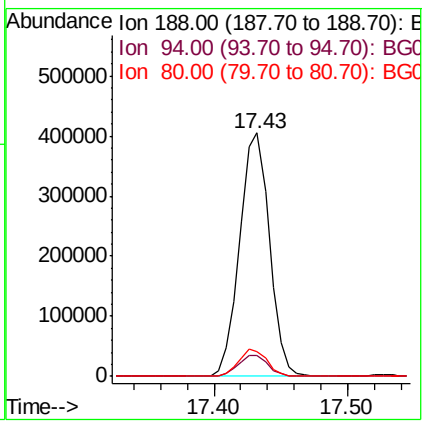


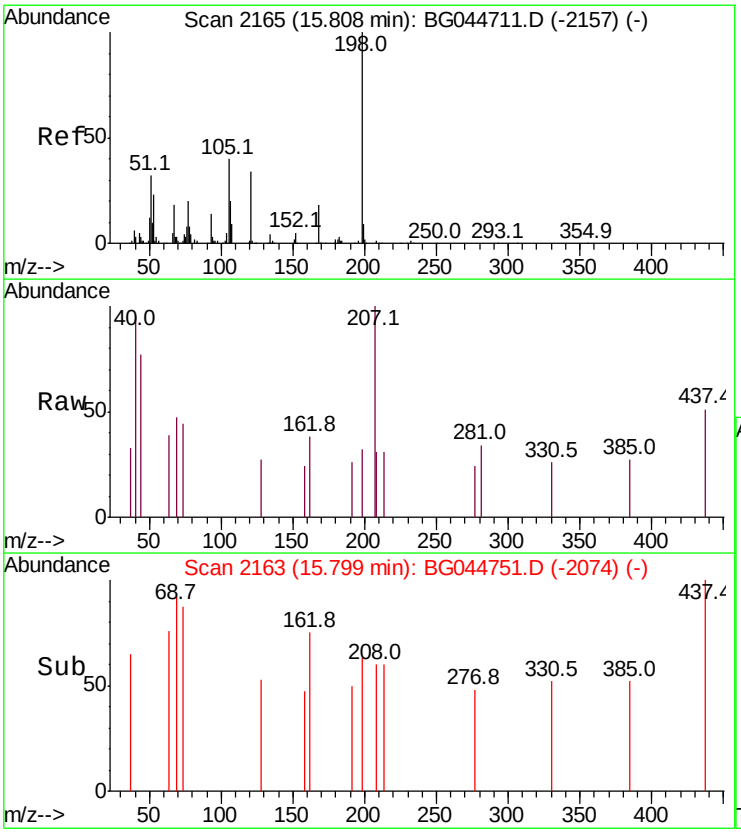
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 622246

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.9	8.4	12.6

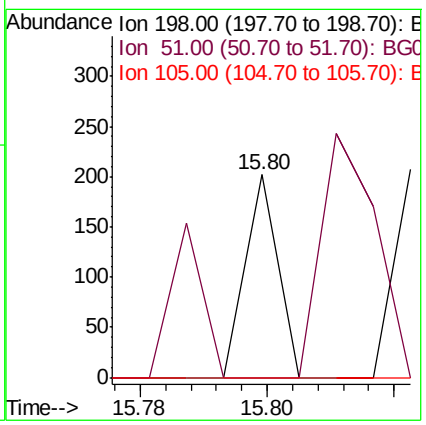


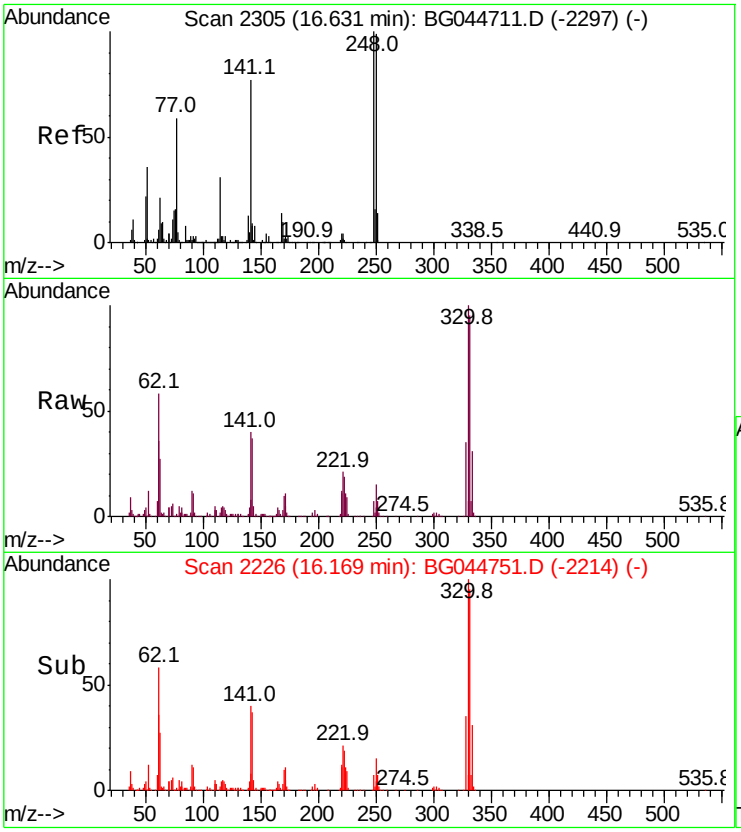


#65
4,6-Dinitro-2-methylphenol
Concen: 7.749 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Tgt Ion:198 Resp: 71

Ion	Ratio	Lower	Upper
198	100		
51	0.0	20.1	60.1#
105	0.0	21.3	61.3#



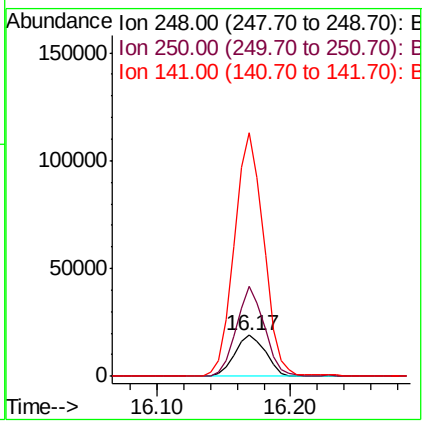


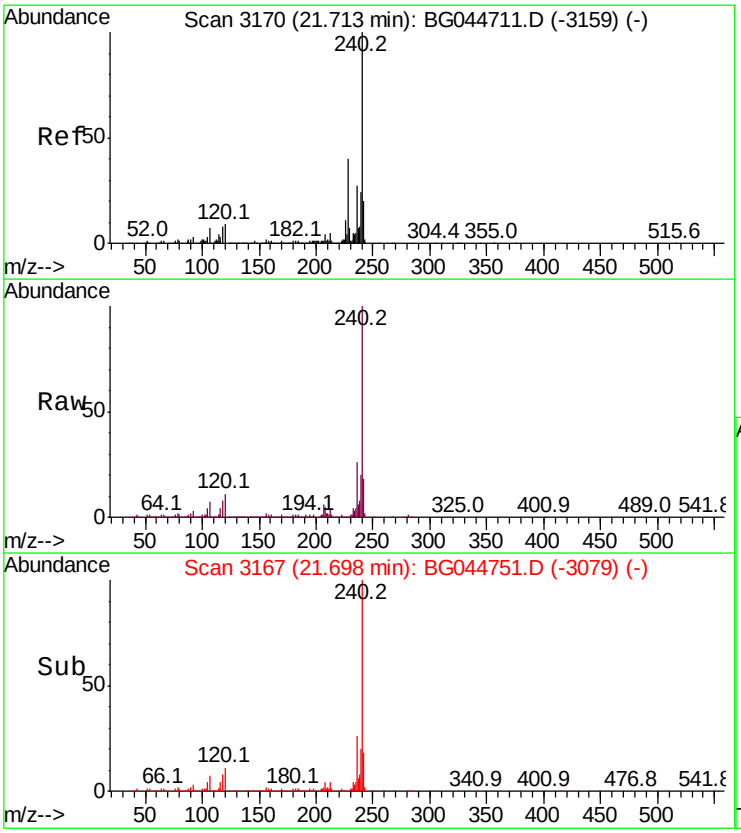
#67
4-Bromophenyl-phenylether
Concen: 3.905 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 30379

Ion	Ratio	Lower	Upper
248	100		
250	219.9	79.4	119.0#
141	593.3	61.7	92.5#

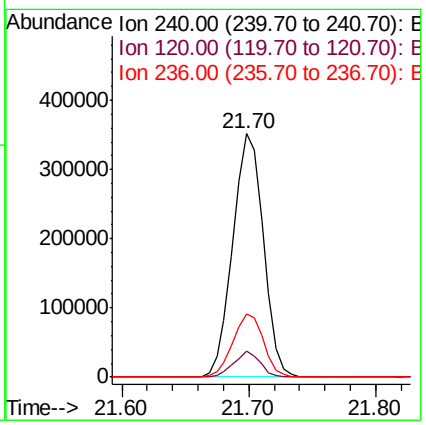


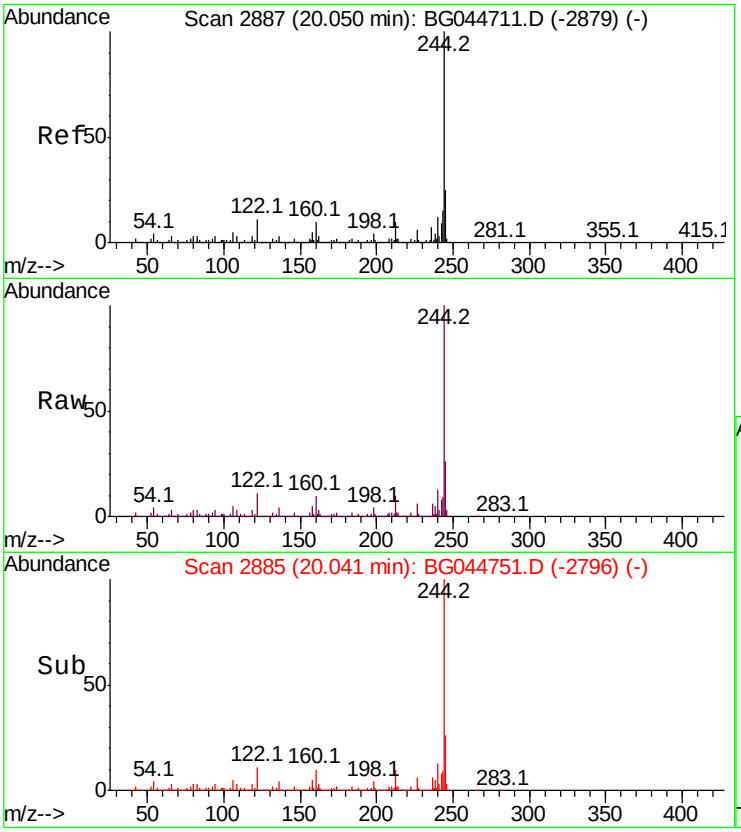


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Tgt Ion:240 Resp: 587618

Ion	Ratio	Lower	Upper
240	100		
120	10.7	6.9	10.3#
236	25.7	21.9	32.9



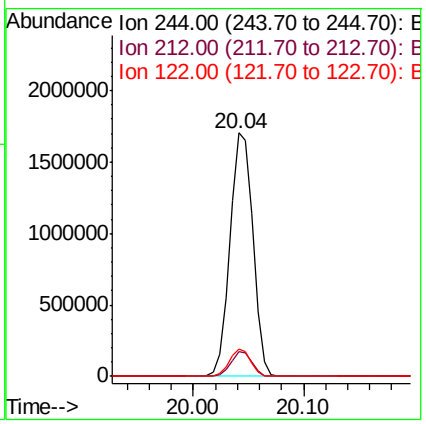


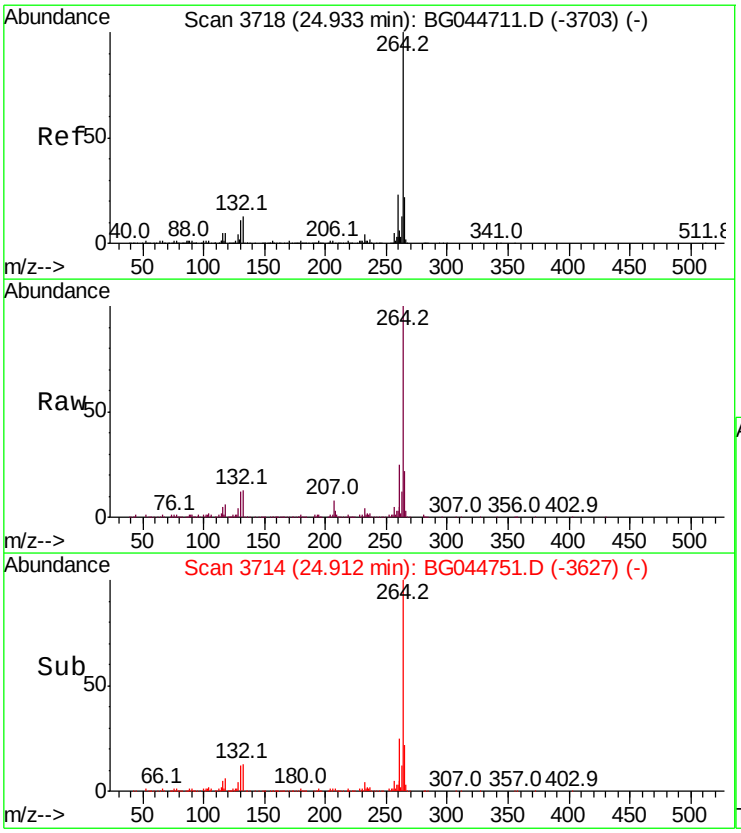
#79
Terphenyl-d14
Concen: 78.981 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2481114

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.4	12.6
122	11.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.02 min
Lab File: BG044751.D
Acq: 13 Mar 2020 2:07

Tgt Ion:264 Resp: 630891

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	21.7	17.4	26.2