Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044760.D
Acq On : 13 Mar 2020 8:04
Operator : CG/JU
Sample : L1893-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 08:49:45 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	102116	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	417467	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	279477	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	621342	20.00	ng	0.00
76) Chrysene-d12	21.70	240	558621	20.00	ng	-0.01
87) Perylene-d12	24.92	264	622900	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	749583	114.27	ng	0.00
7) Phenol-d6	7.21	99	972668	102.05	ng	0.00
23) Nitrobenzene-d5	9.21	82	795870	83.66	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	455143	124.38	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1643701	84.22	ng	0.00
79) Terphenyl-d14	20.04	244	2473419	82.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	1896	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.21	70	107319	15.947	ng	# 74
26) 2-Nitrophenol	9.75	139	113	5.544	ng	# 28
32) Benzoic acid	10.21	122	96	9.686	ng	# 13
50) Dimethylphthalate	14.13	163	131362	5.902	ng	98
54) 2,4-Dinitrophenol	14.73	184	61	8.346	ng	# 2
57) 2,4-Dinitrotoluene	14.69	165	37996	6.175	ng	# 18
65) 4,6-Dinitro-2-methylphenol	15.76	198	72	7.749	ng	# 35
67) 4-Bromophenyl-phenylether	16.17	248	31961	4.115	ng	# 1
77) Benzidine	20.04	184	53500	2.950	ng	# 92

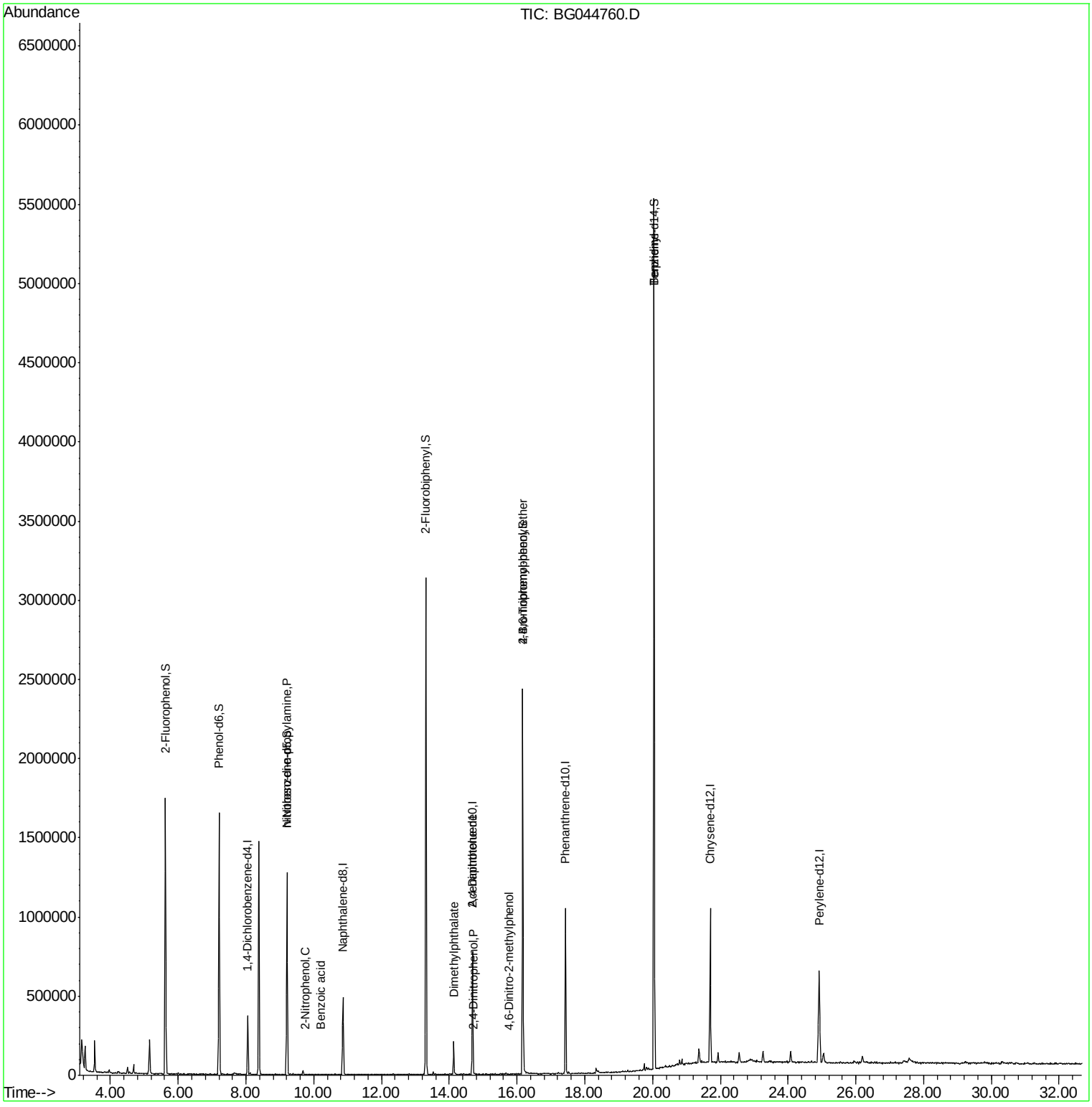
(#) = qualifier out of range (m) = manual integration (+) = signals summed

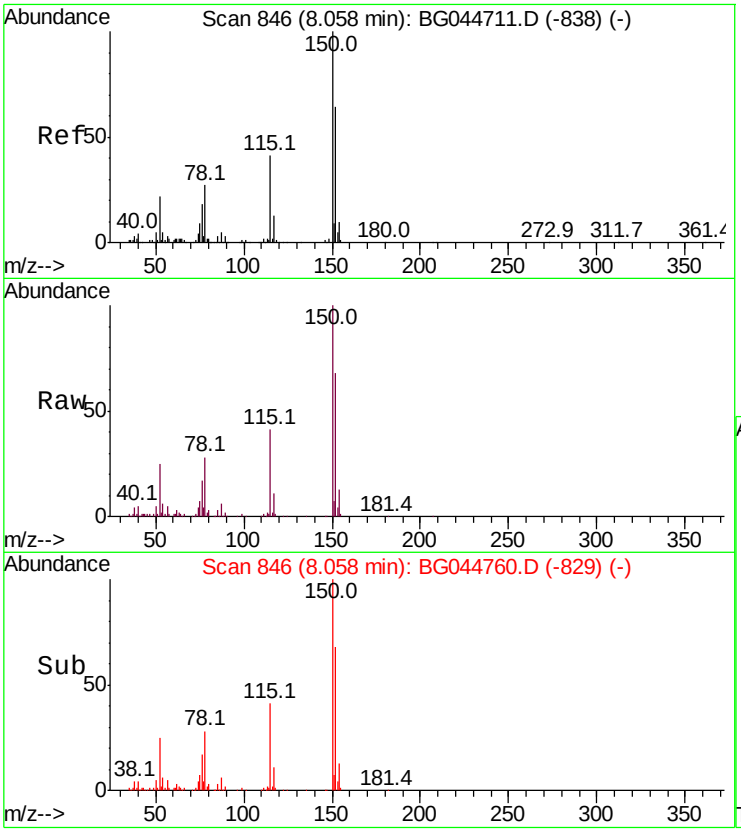
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044760.D
Acq On : 13 Mar 2020 8:04
Operator : CG/JU
Sample : L1893-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 08:49:45 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



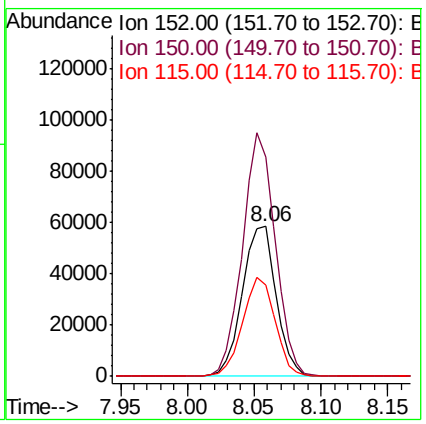


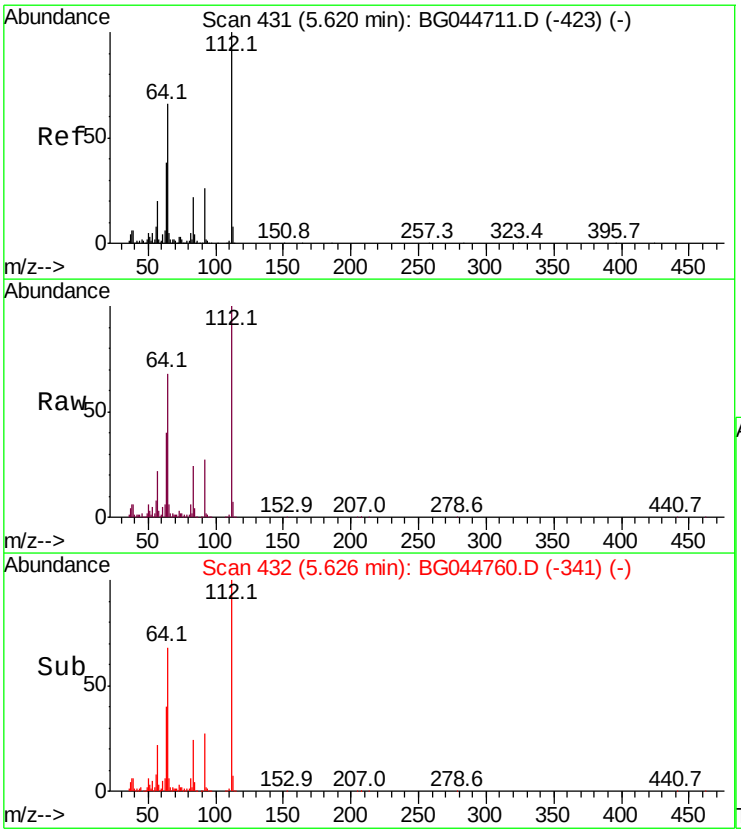
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 102116

Ion	Ratio	Lower	Upper
152	100		
150	146.4	125.3	187.9
115	60.6	51.7	77.5

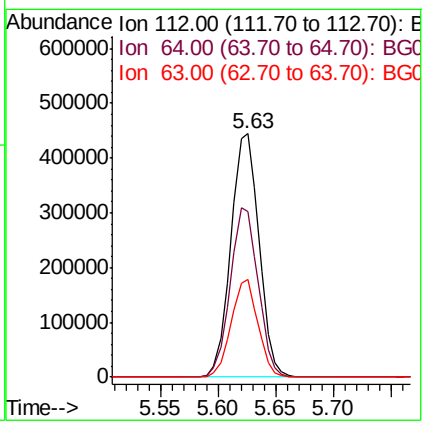


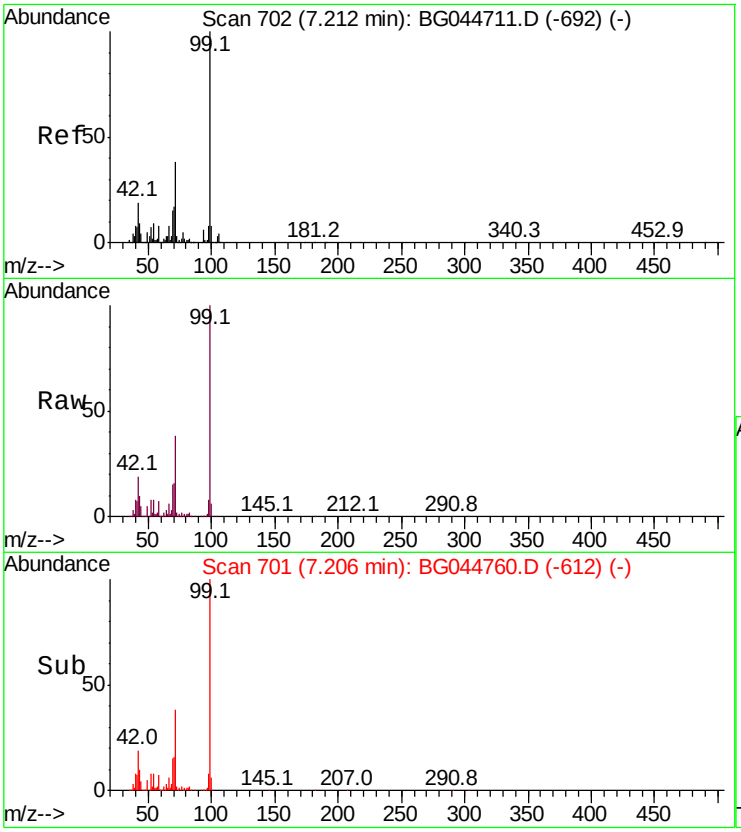


#5
2-Fluorophenol
Concen: 114.269 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion:112 Resp: 749583

Ion	Ratio	Lower	Upper
112	100		
64	68.1	52.6	78.8
63	39.9	30.2	45.4



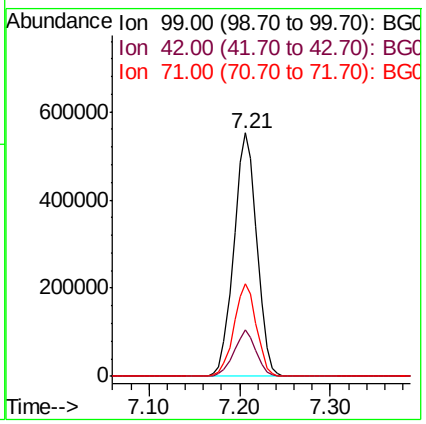


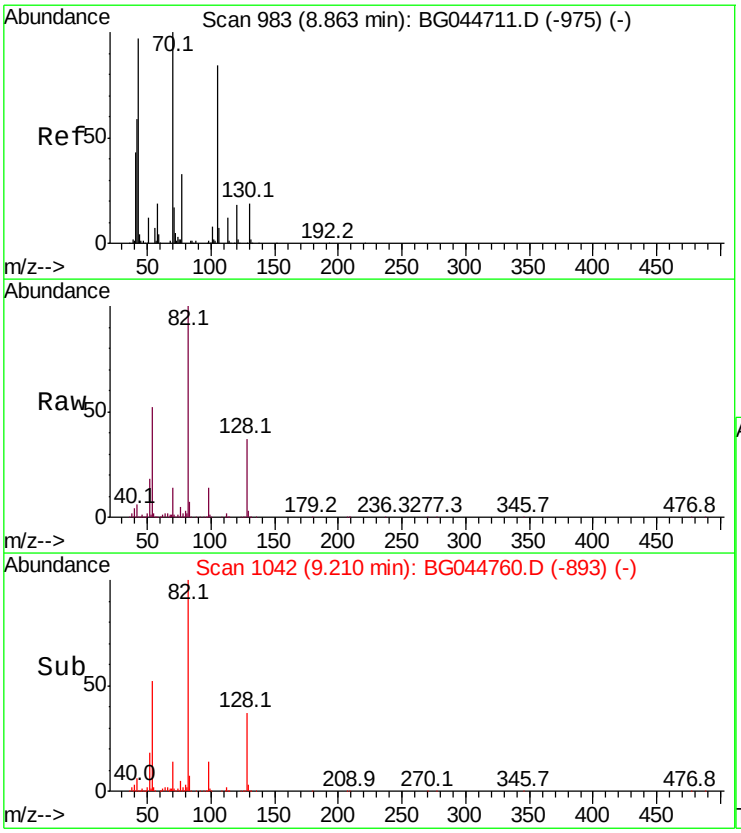
#7
Phenol-d6
Concen: 102.054 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 972668

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.4	23.0
71	37.9	30.2	45.4

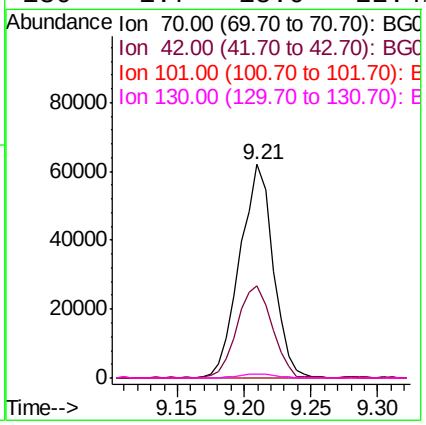


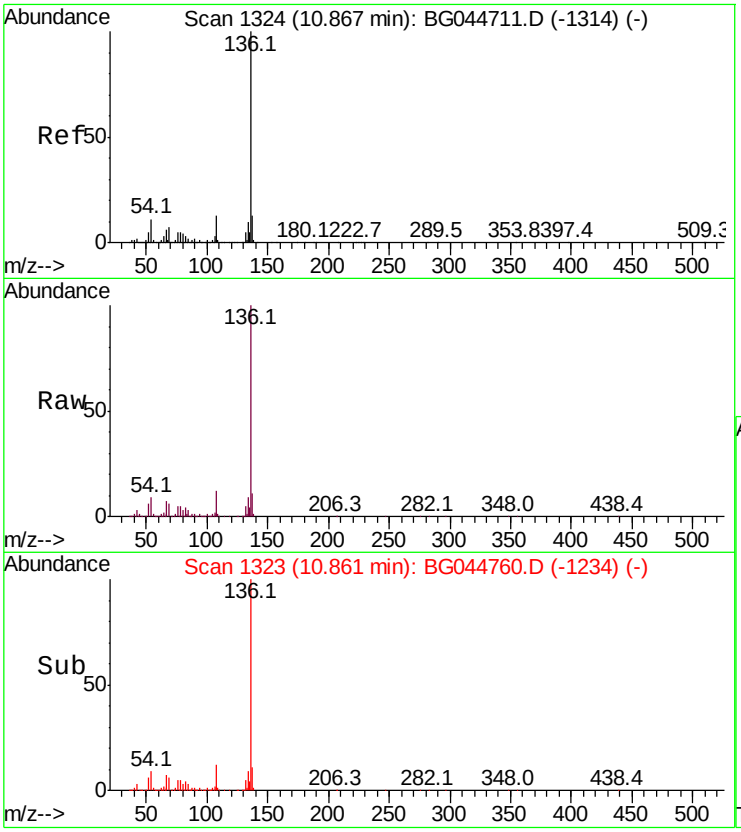


#19
n-Nitroso-di-n-propylamine
Concen: 15.947 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion: 70 Resp: 107319

Ion	Ratio	Lower	Upper
70	100		
42	42.9	47.6	71.4#
101	0.0	6.5	9.7#
130	1.7	15.0	22.4#



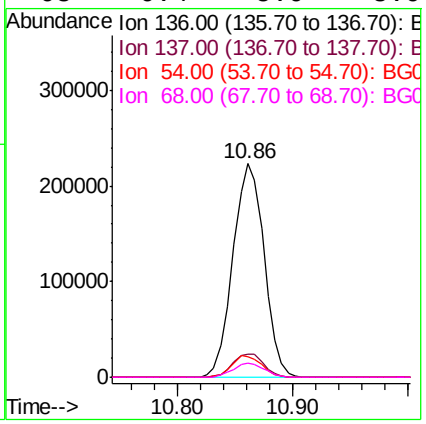


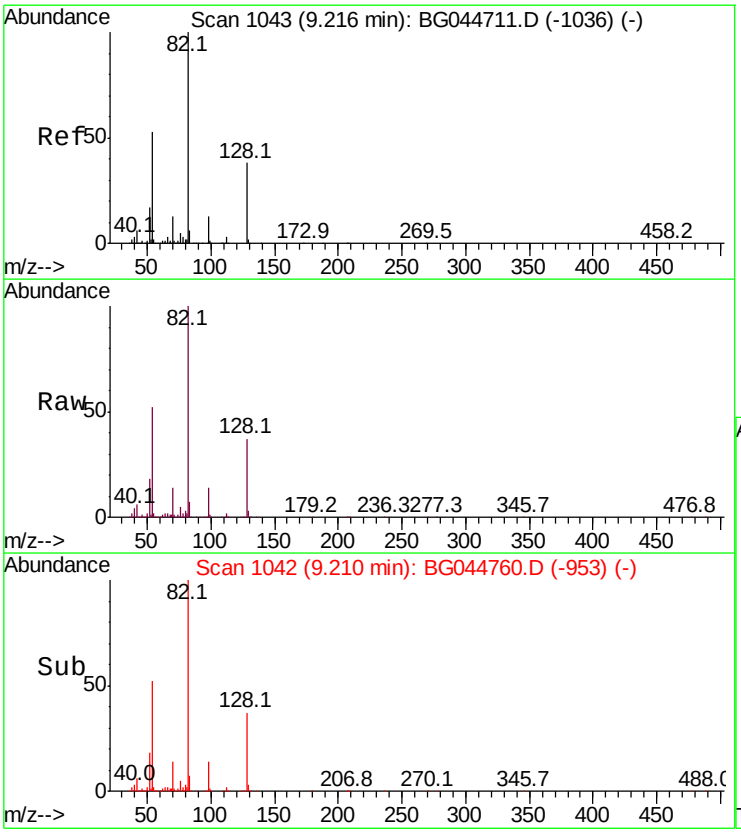
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 417467

Ion	Ratio	Lower	Upper
136	100		
137	11.1	10.7	16.1
54	9.5	9.0	13.4
68	6.4	5.9	8.9

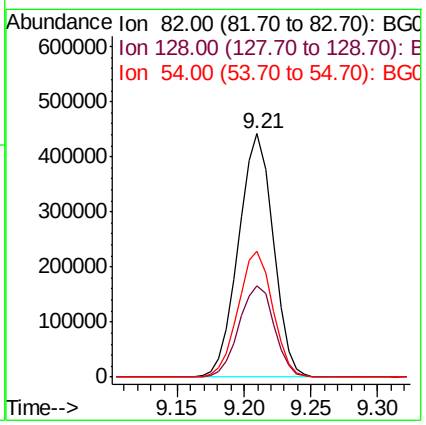


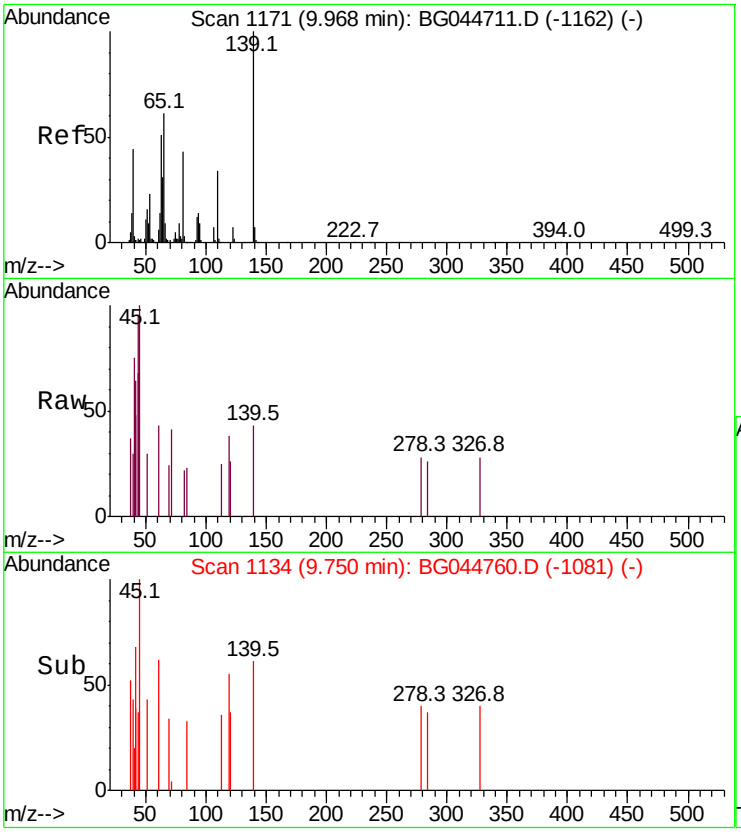


#23
Nitrobenzene-d5
Concen: 83.657 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion: 82 Resp: 795870

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.2	45.2
54	51.8	41.8	62.8



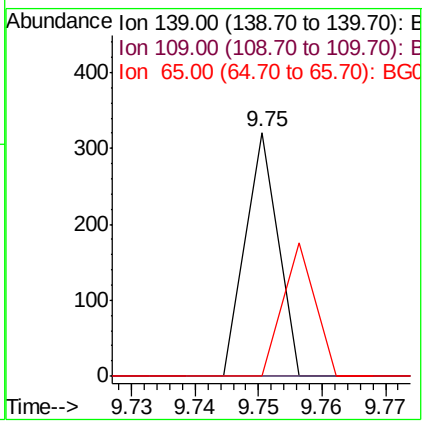


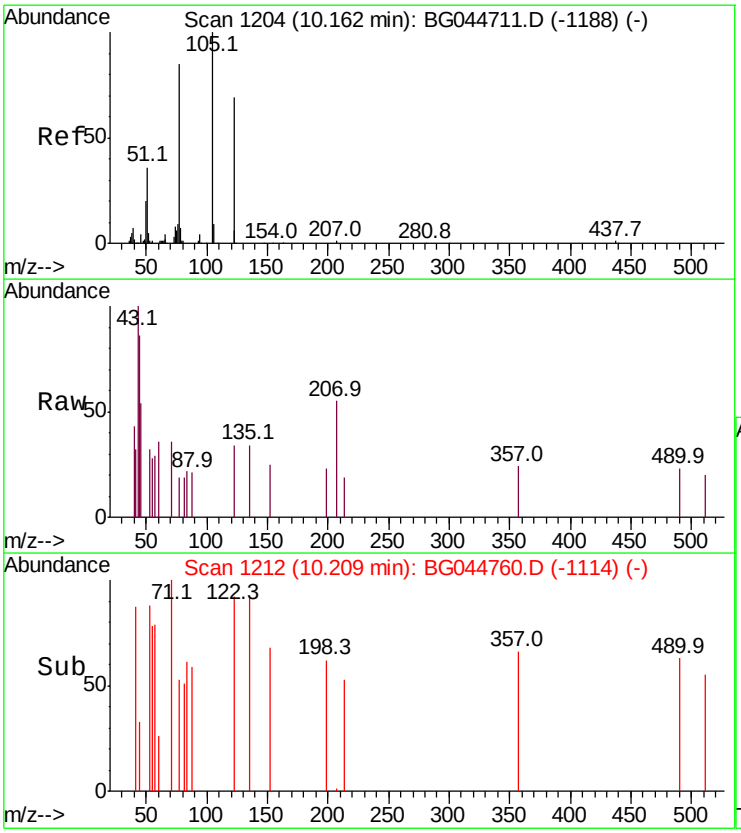
#26
2-Nitrophenol
Concen: 5.544 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.22 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 113

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

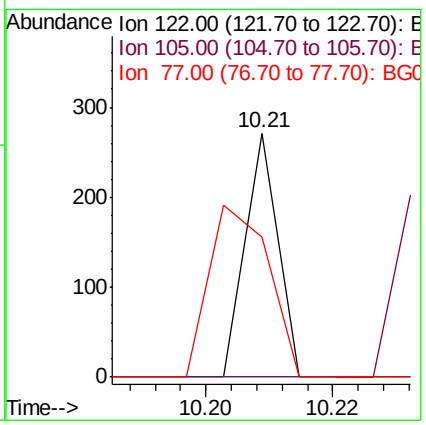


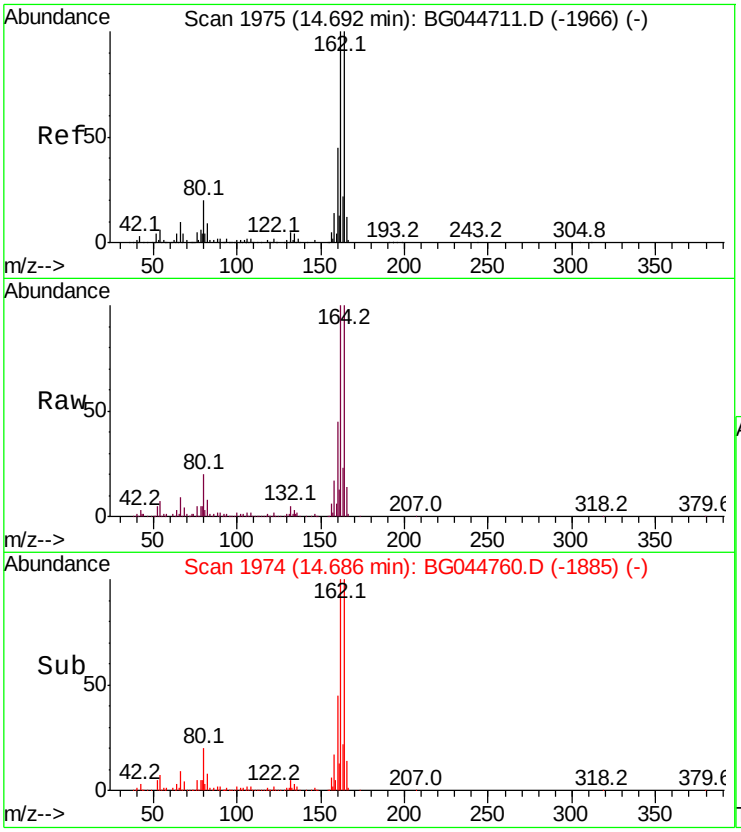


#32
Benzoic acid
Concen: 9.686 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.05 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion:122 Resp: 96

Ion	Ratio	Lower	Upper
122	100		
105	0.0	119.0	159.0#
77	57.6	96.4	136.4#



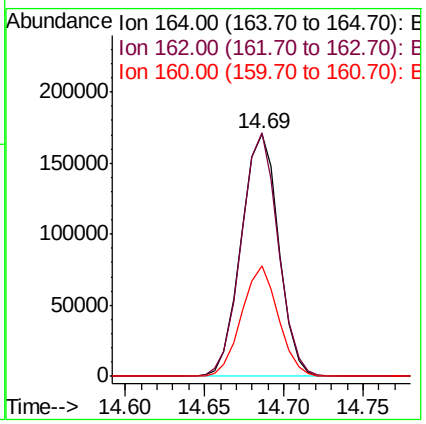


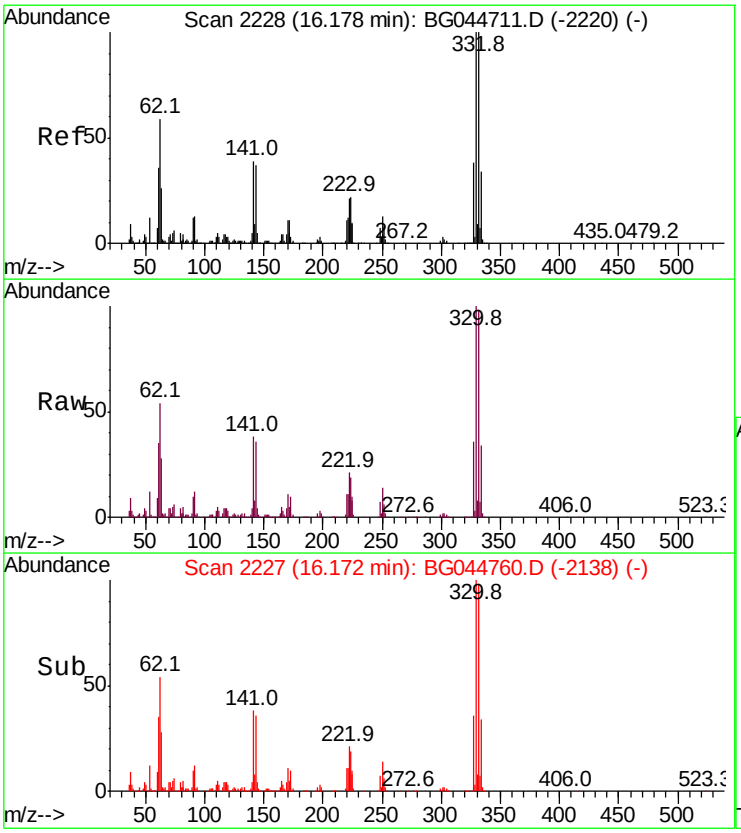
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 279477

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.4
160	45.5	36.2	54.2

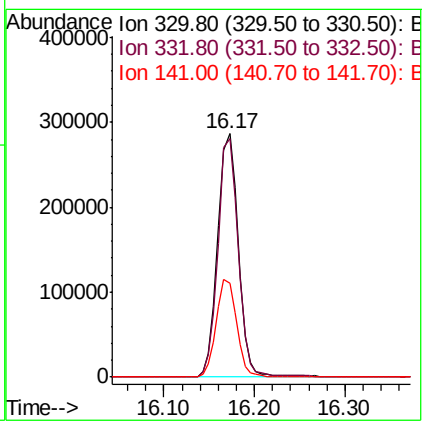


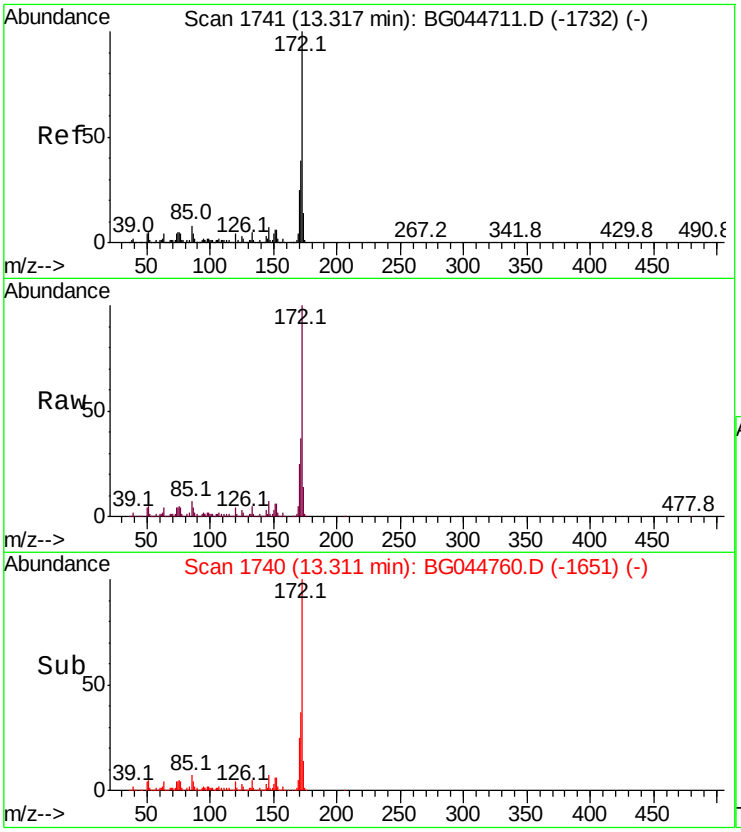


#42
2,4,6-Tribromophenol
Concen: 124.379 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion:330 Resp: 455143

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.5	116.3
141	39.6	31.7	47.5



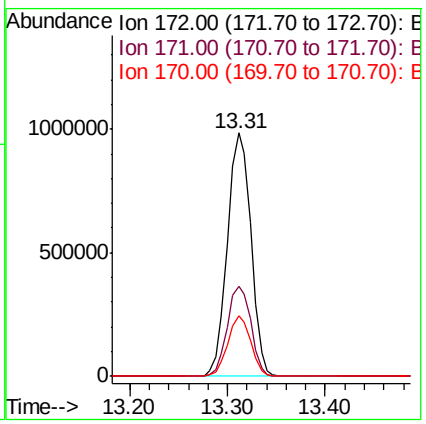


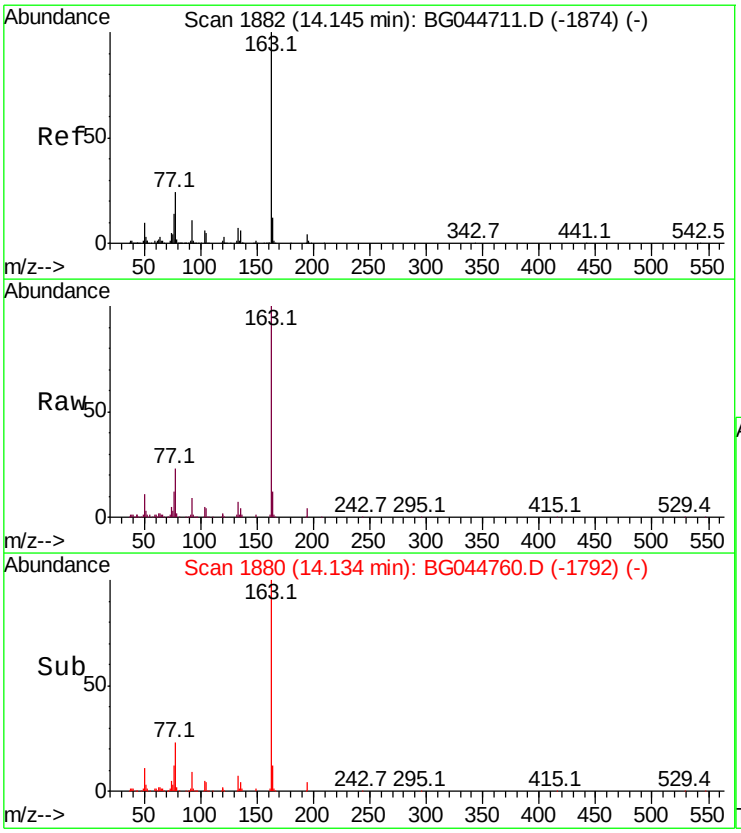
#45
2-Fluorobiphenyl
Concen: 84.223 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1643701

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	25.0	20.0	30.0

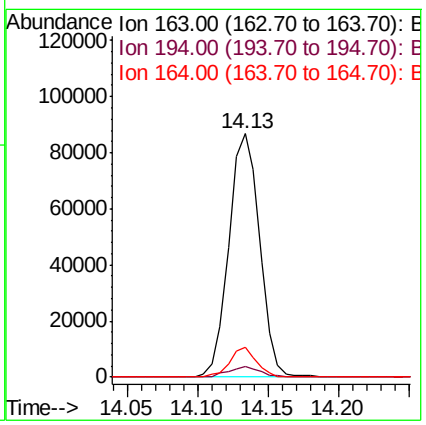


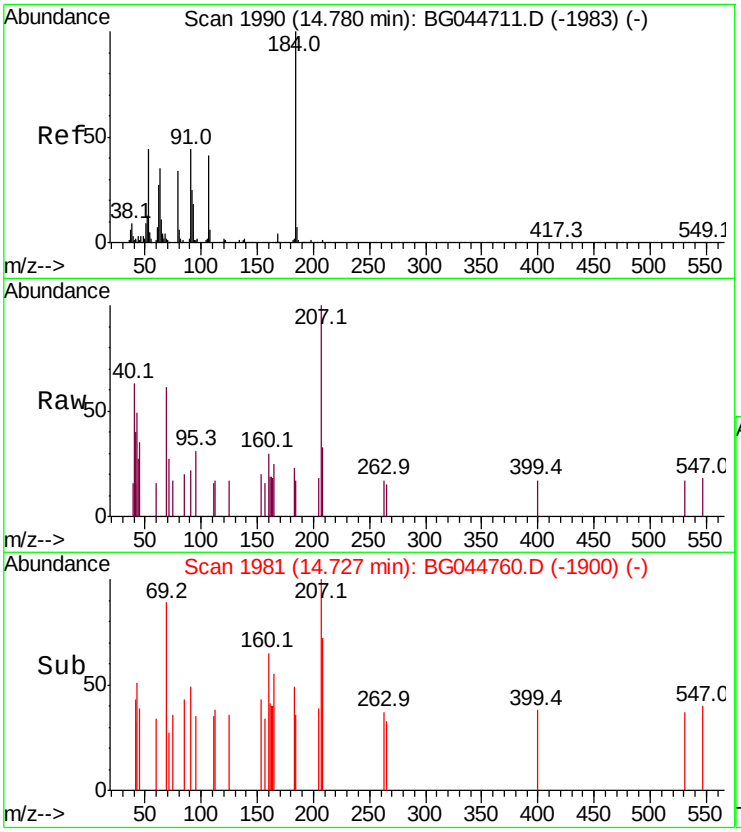


#50
Dimethylphthalate
Concen: 5.902 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion:163 Resp: 131362

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	12.4	9.2	13.8



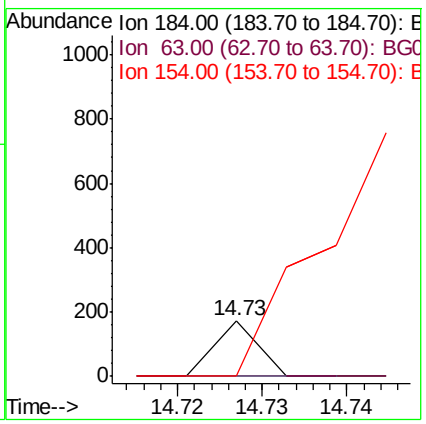


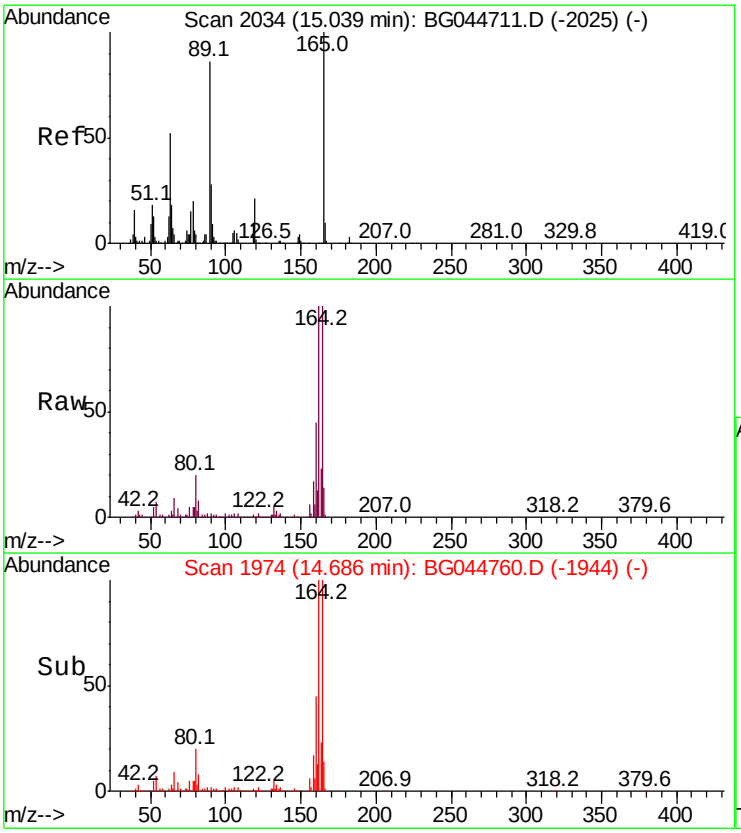
#54
2,4-Dinitrophenol
Concen: 8.346 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.05 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 61

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

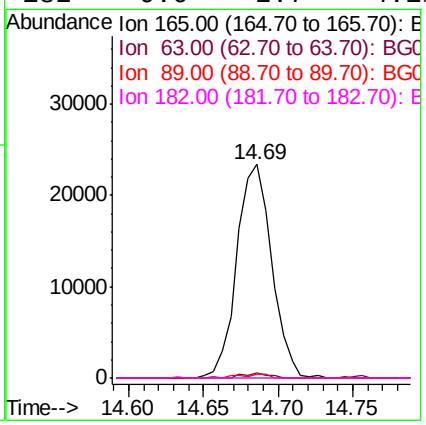


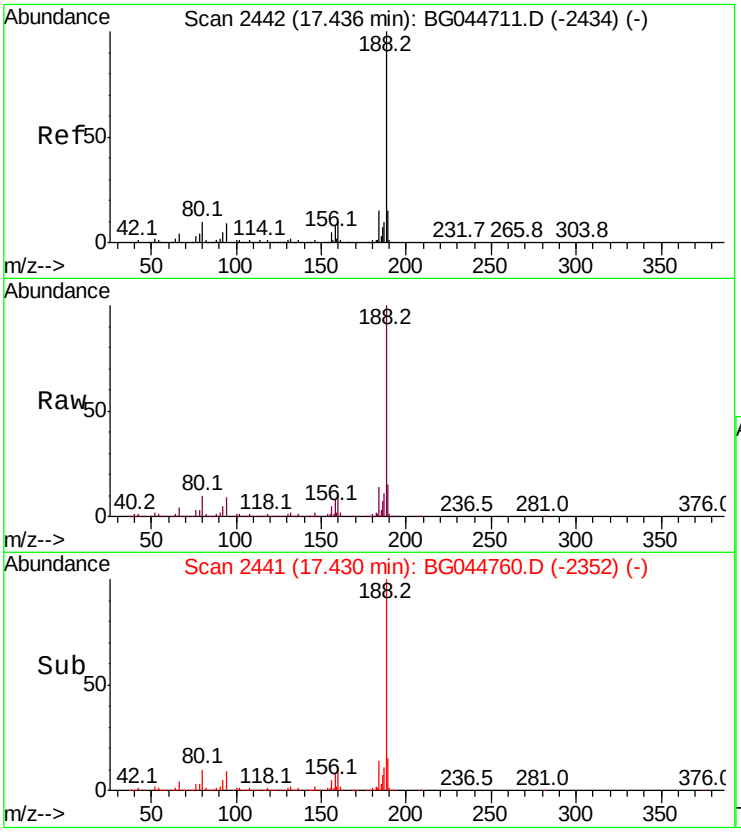


#57
2,4-Dinitrotoluene
Concen: 6.175 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion:165 Resp: 37996

Ion	Ratio	Lower	Upper
165	100		
63	2.4	41.5	62.3#
89	1.9	69.0	103.4#
182	0.0	2.7	4.1#



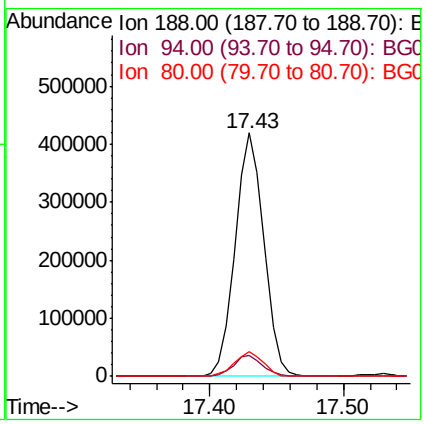


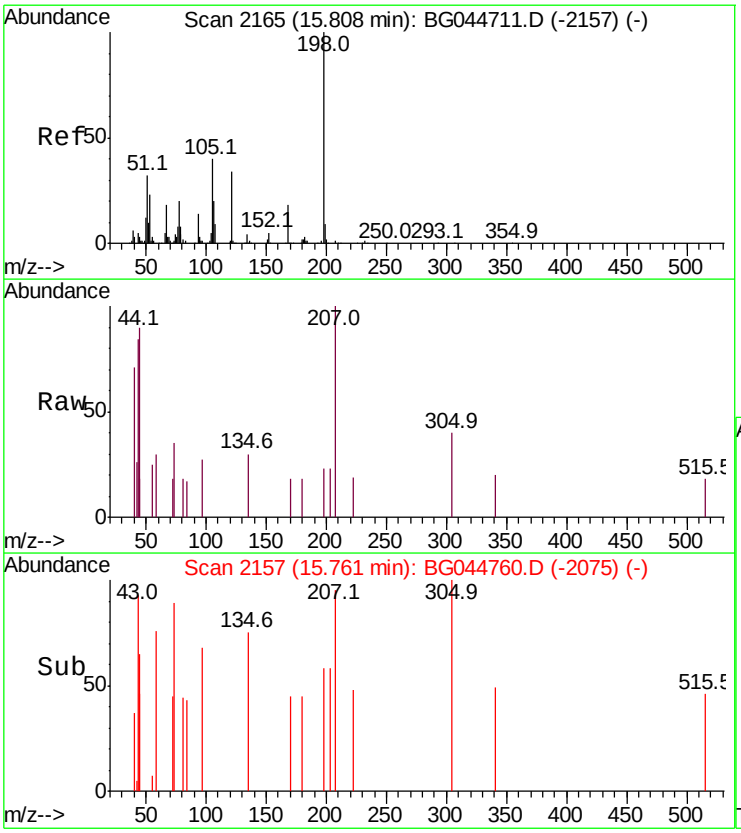
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 621342

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	10.2	8.4	12.6

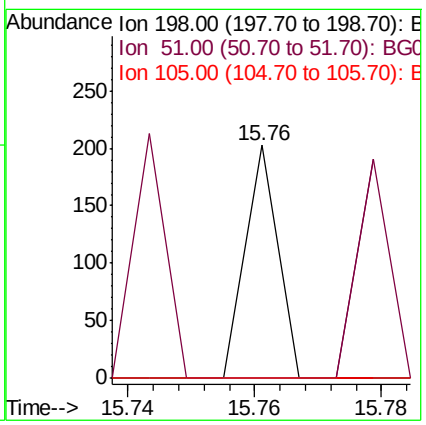


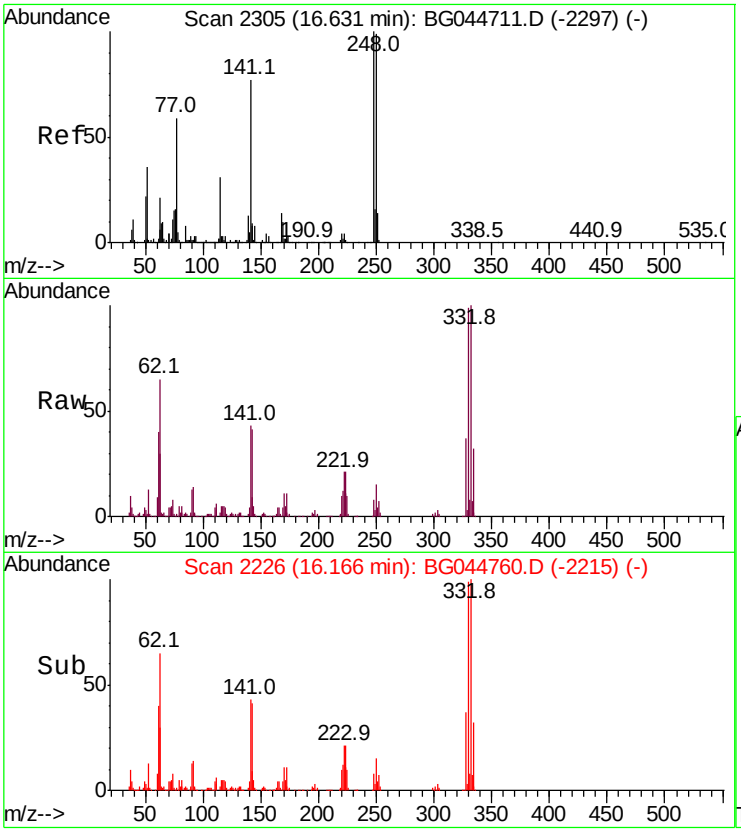


#65
4,6-Dinitro-2-methylphenol
Concen: 7.749 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.05 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion:198 Resp: 72

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



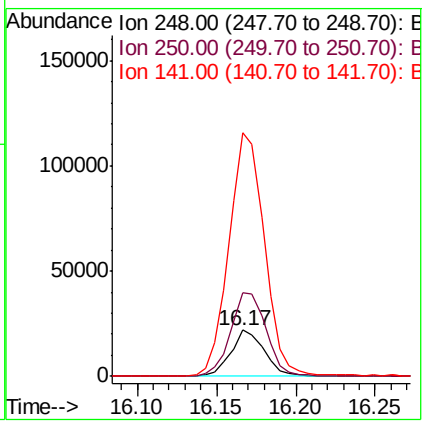


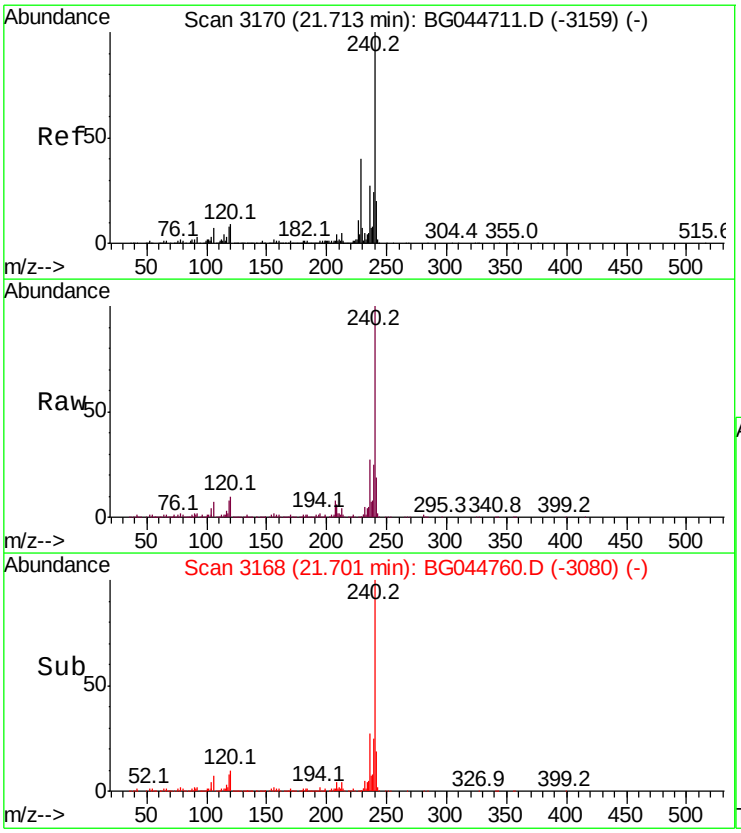
#67
4-Bromophenyl-phenylether
Concen: 4.115 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 31961

Ion	Ratio	Lower	Upper
248	100		
250	180.1	79.4	119.0#
141	527.6	61.7	92.5#

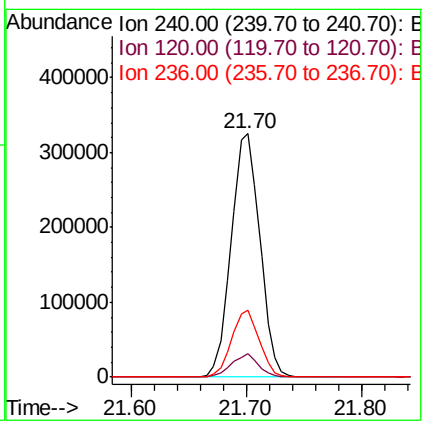


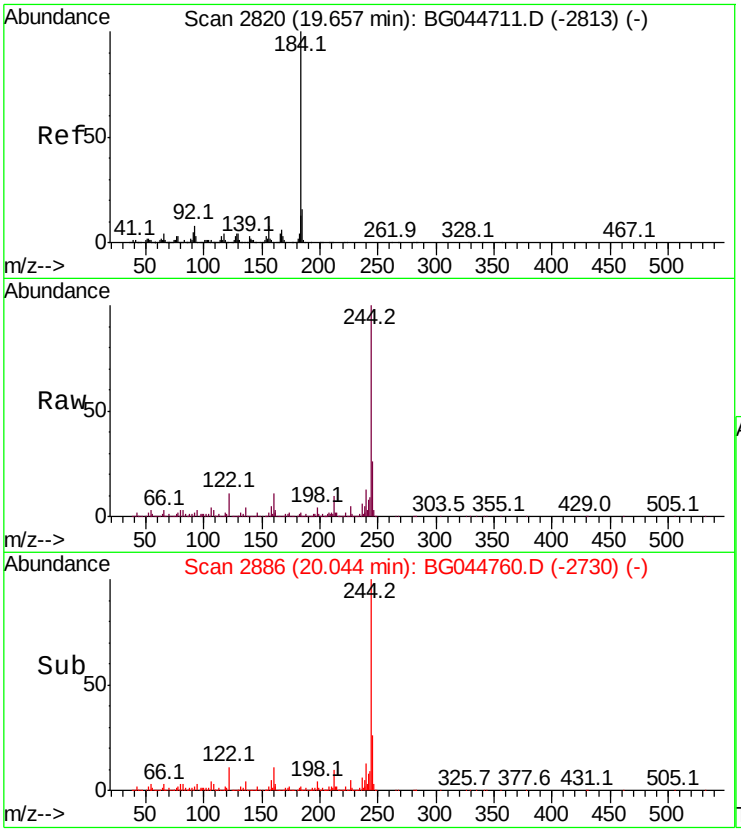


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion:240 Resp: 558621

Ion	Ratio	Lower	Upper
240	100		
120	9.7	6.9	10.3
236	27.5	21.9	32.9



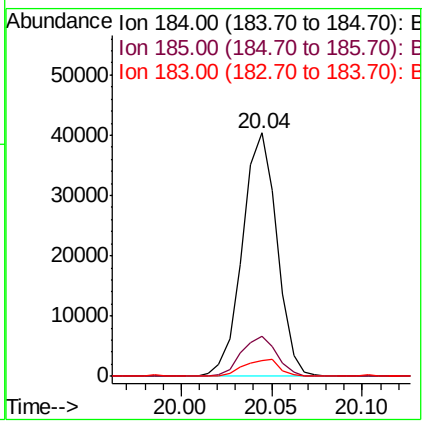


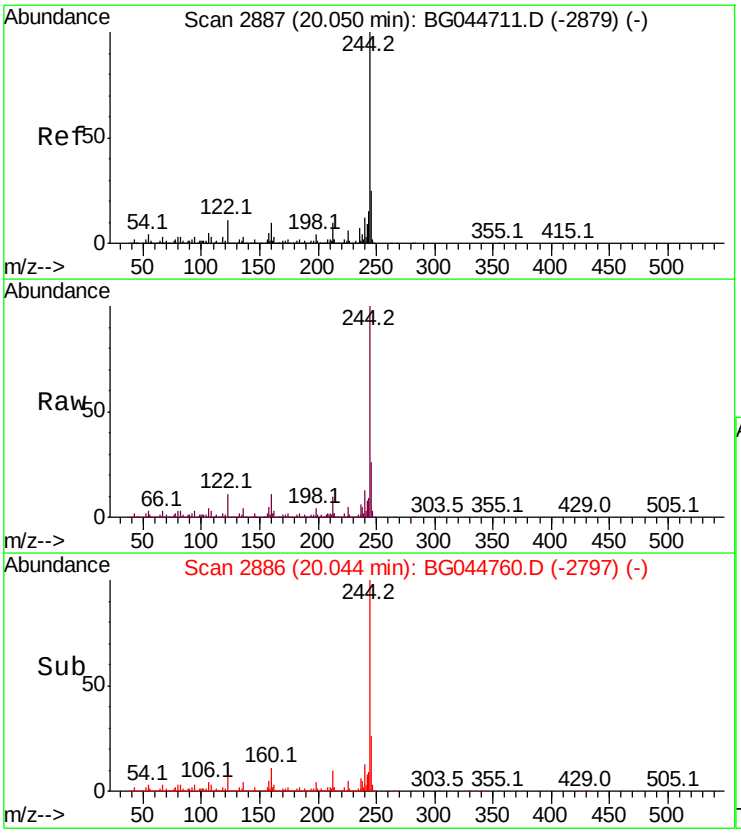
#77
Benzidine
Concen: 2.950 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.39 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 53500

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.9	19.3
183	6.7	10.6	15.8#

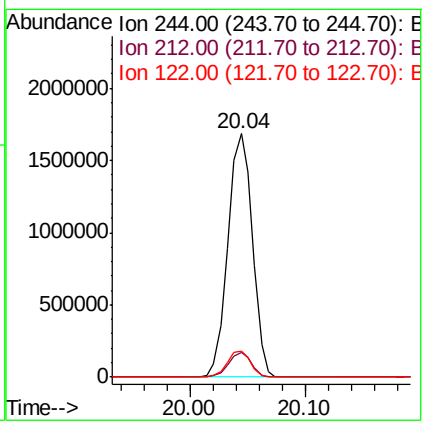


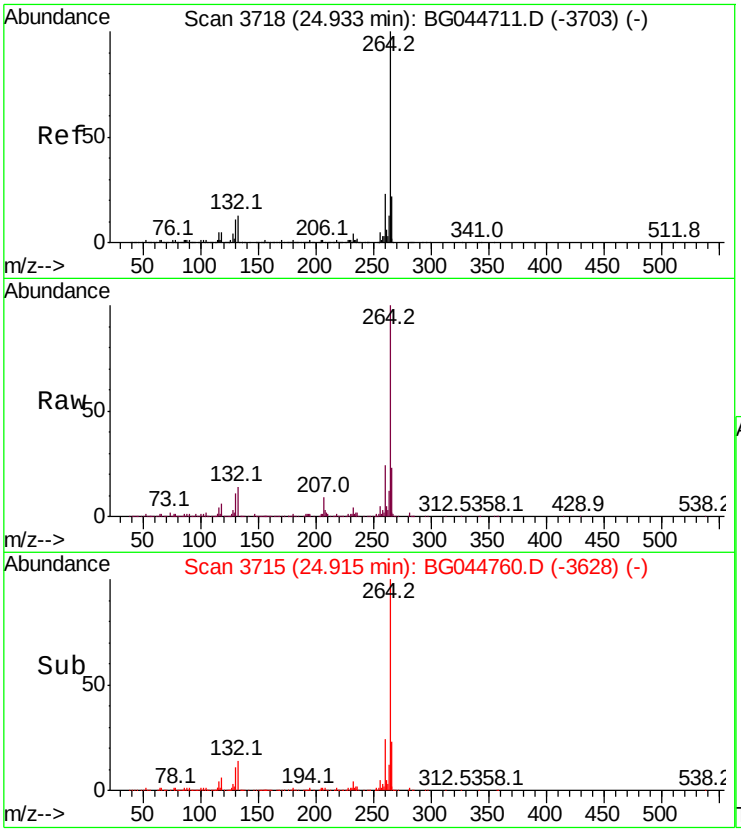


#79
Terphenyl-d14
Concen: 82.823 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion:244 Resp: 2473419

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.4	12.6
122	10.9	8.7	13.1

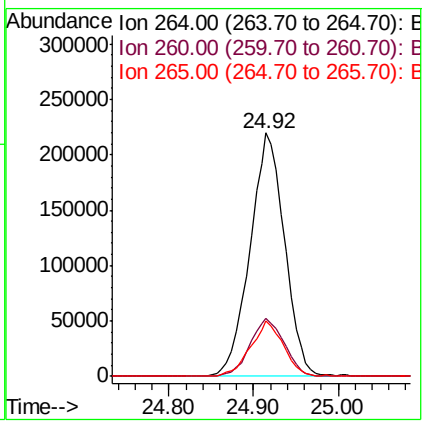




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044760.D
Acq: 13 Mar 2020 8:04

Tgt Ion:264 Resp: 622900

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	22.7	17.4	26.2



Instrument :
BNA_G
ClientSampleId :