Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044753.D
Acq On : 13 Mar 2020 3:26
Operator : CG/JU
Sample : L1853-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 06:11:01 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	8.05	152	99841	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	398249	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	272554	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	607493	20.00	ng	0.00
76) Chrysene-d12	21.70	240	552245	20.00	ng	-0.01
87) Perylene-d12	24.92	264	633700	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	752141	117.27	ng	0.00
7) Phenol-d6	7.21	99	993245	106.59	ng	0.00
23) Nitrobenzene-d5	9.21	82	810239	89.28	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	474819	133.05	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1653690	86.89	ng	0.00
79) Terphenyl-d14	20.04	244	2547907	86.30	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.21	77	2557	Below Cal	#	25
19) n-Nitroso-di-n-propylamine	9.21	70	112320	17.070	ng	# 76
26) 2-Nitrophenol	9.93	139	96	5.541	ng	# 28
32) Benzoic acid	10.17	122	336	9.730	ng	# 23
50) Dimethylphthalate	14.13	163	53569	2.468	ng	98
51) 2,6-Dinitrotoluene	14.69	165	36440	8.328	ng	# 20
54) 2,4-Dinitrophenol	14.75	184	82	8.355	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	36440	6.072	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.87	198	110	7.760	ng	# 35
67) 4-Bromophenyl-phenylether	16.17	248	34577	4.553	ng	# 1
77) Benzidine	20.04	184	57323	3.197	ng	# 91

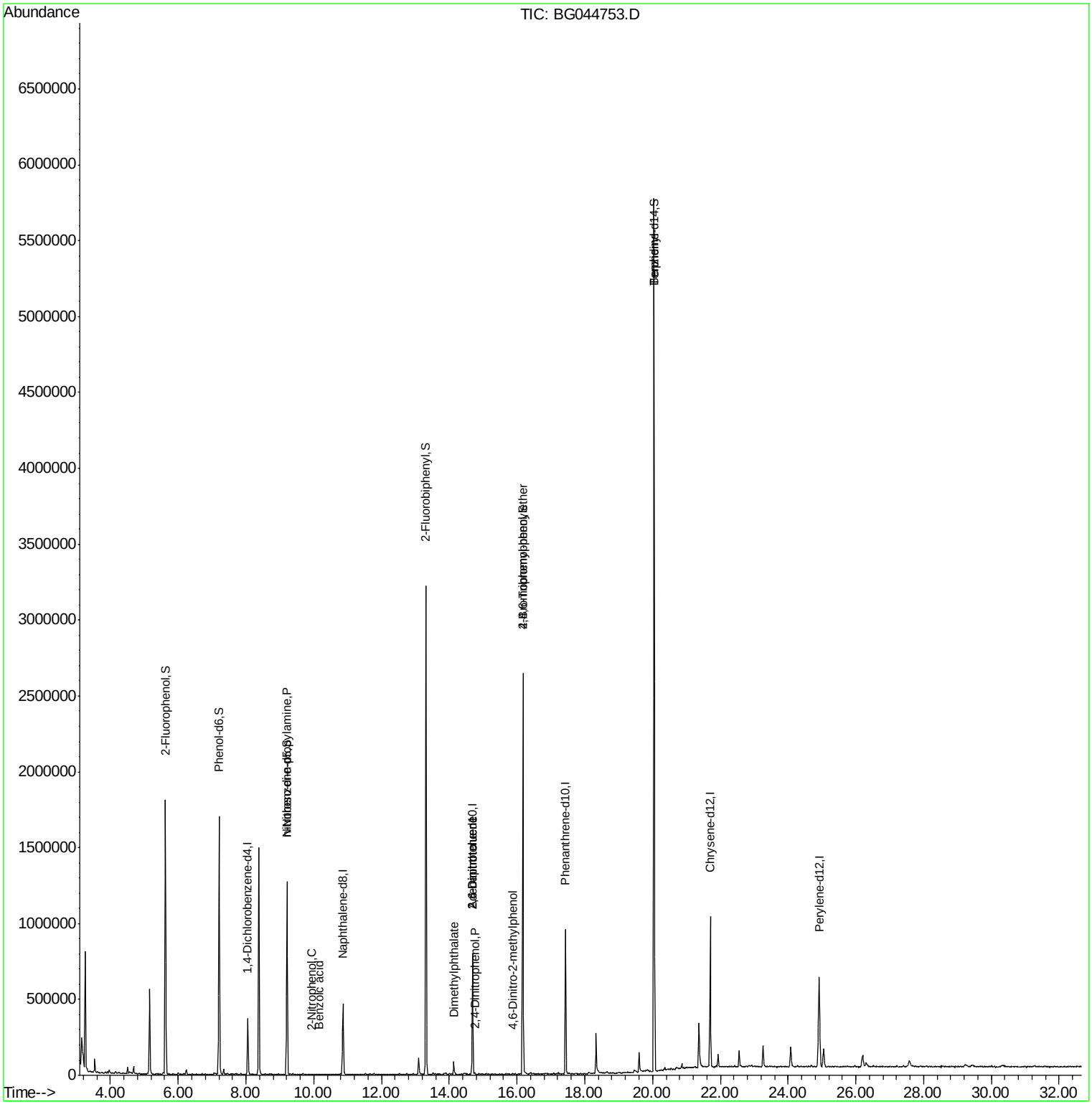
(#) = qualifier out of range (m) = manual integration (+) = signals summed

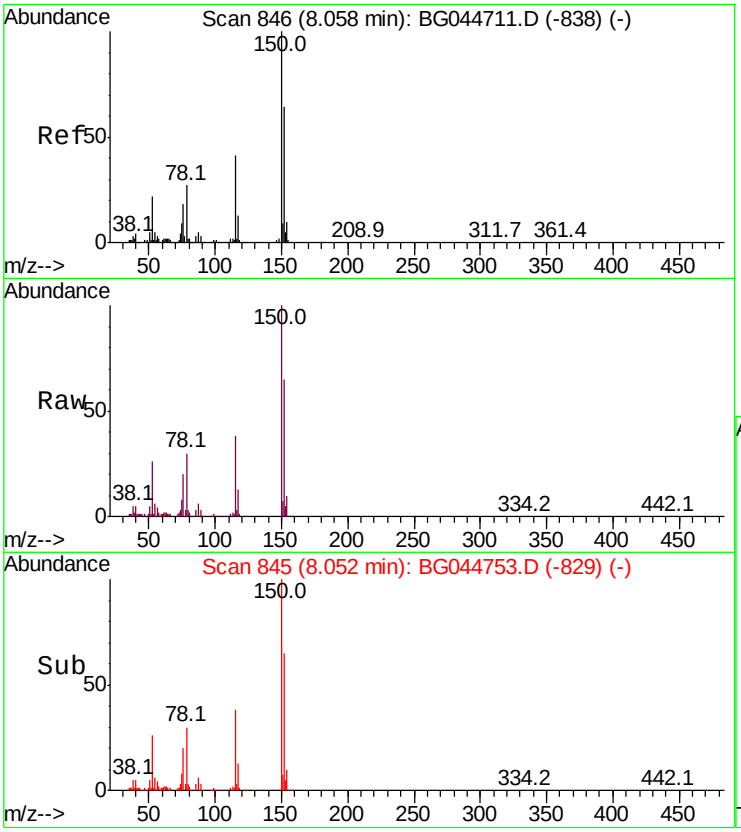
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044753.D
Acq On : 13 Mar 2020 3:26
Operator : CG/JU
Sample : L1853-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 06:11:01 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



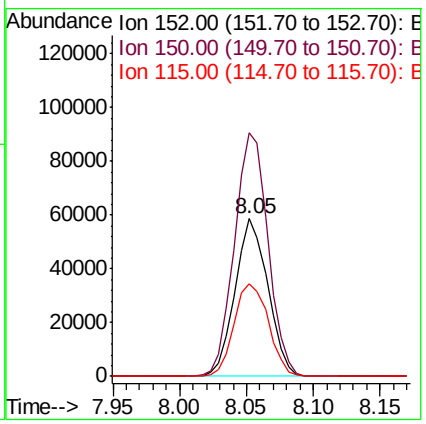


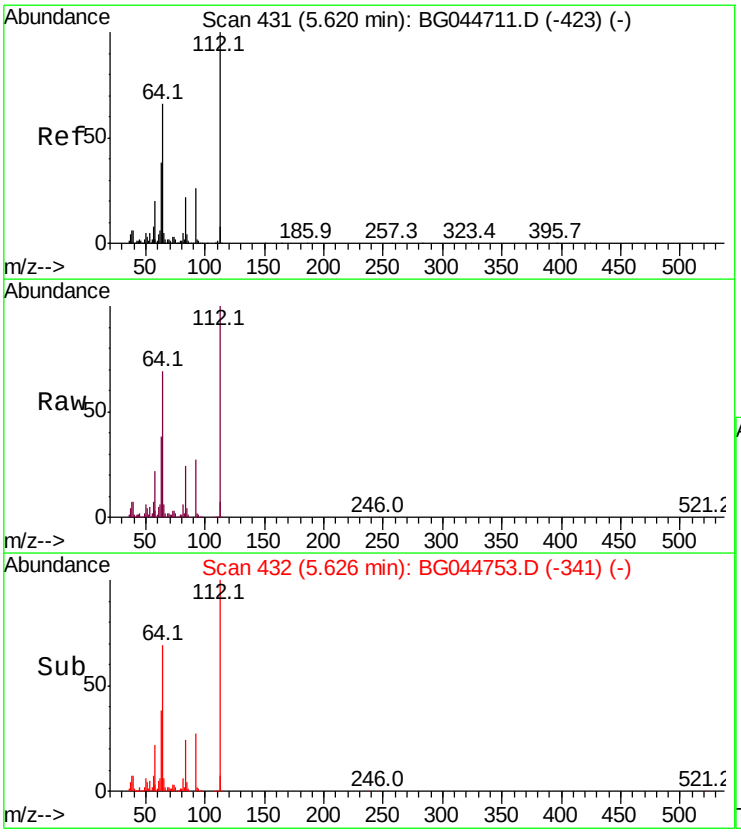
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 99841

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.3	187.9
115	58.8	51.7	77.5

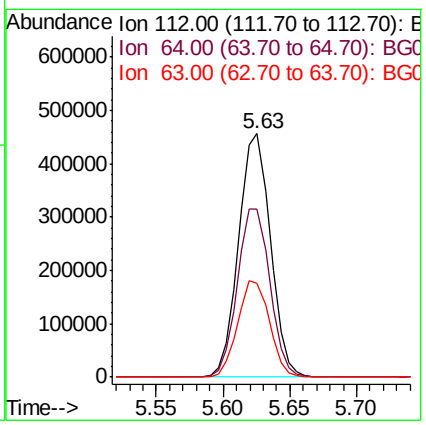


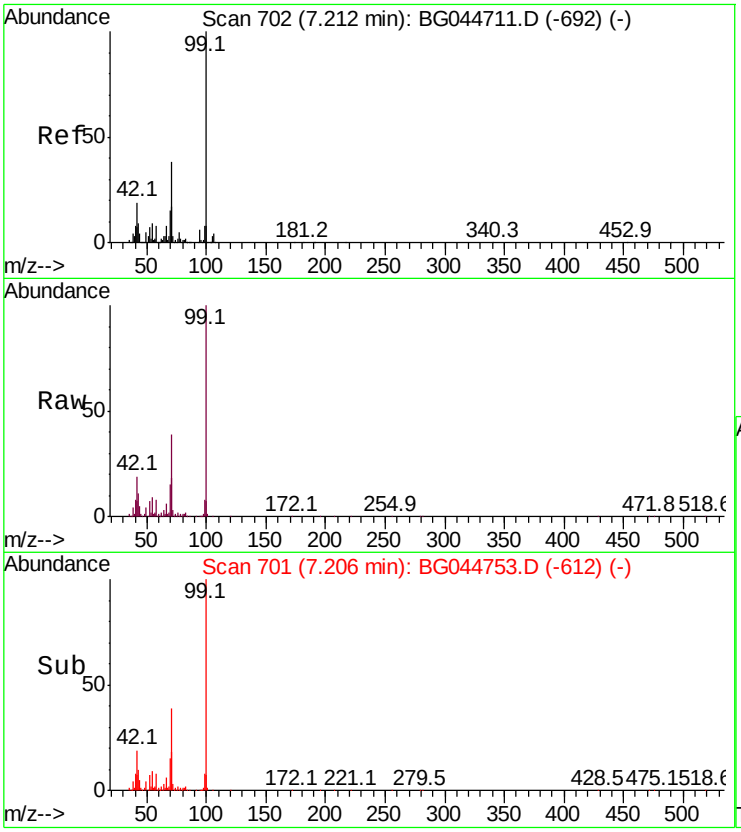


#5
2-Fluorophenol
Concen: 117.272 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion:112 Resp: 752141

Ion	Ratio	Lower	Upper
112	100		
64	68.8	52.6	78.8
63	38.5	30.2	45.4



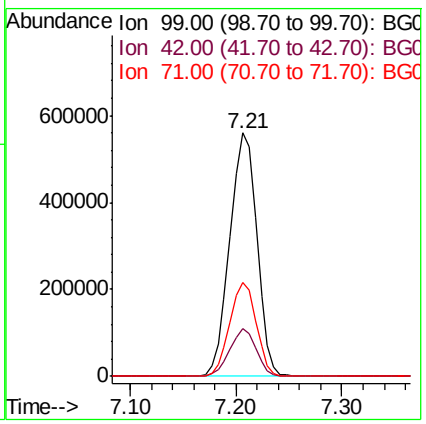


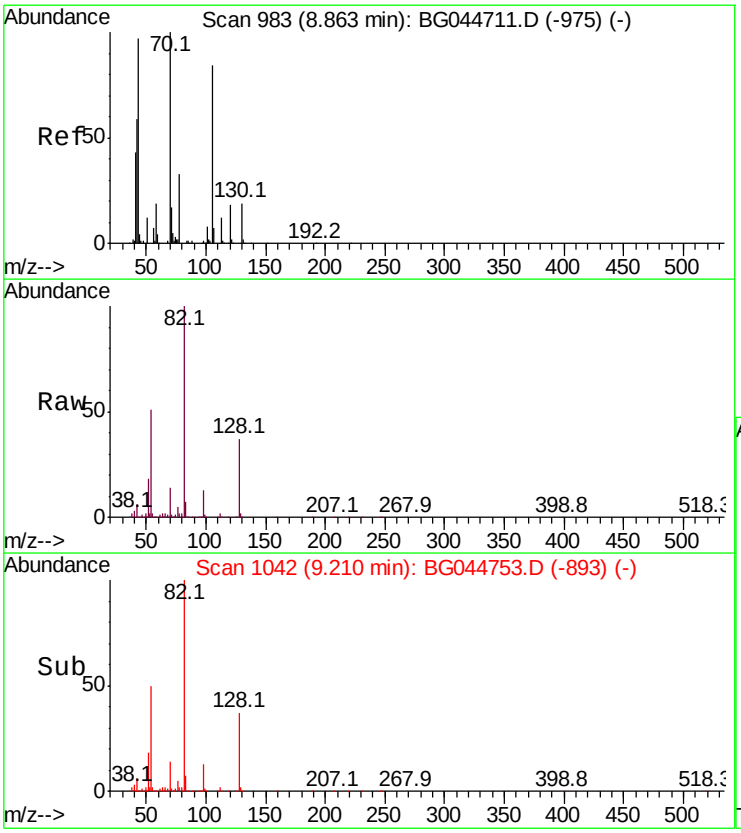
#7
Phenol-d6
Concen: 106.587 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 993245

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.4	23.0
71	38.8	30.2	45.4

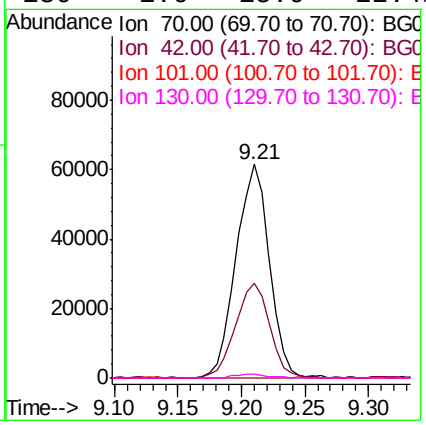


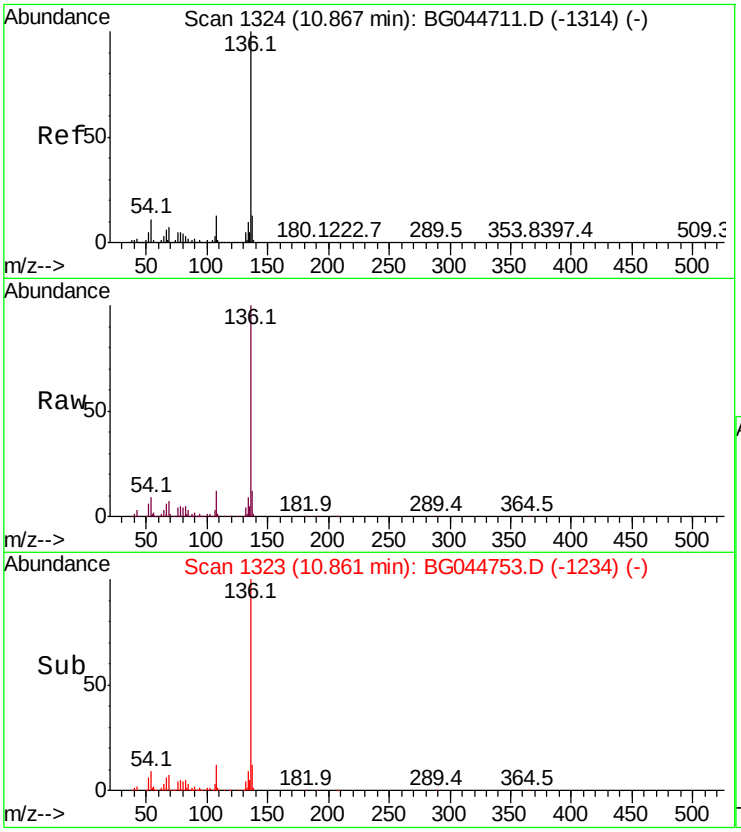


#19
n-Nitroso-di-n-propylamine
Concen: 17.070 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion: 70 Resp: 112320

Ion	Ratio	Lower	Upper
70	100		
42	44.2	47.6	71.4#
101	0.0	6.5	9.7#
130	1.6	15.0	22.4#



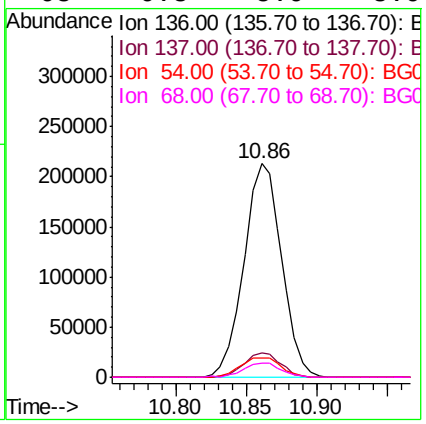


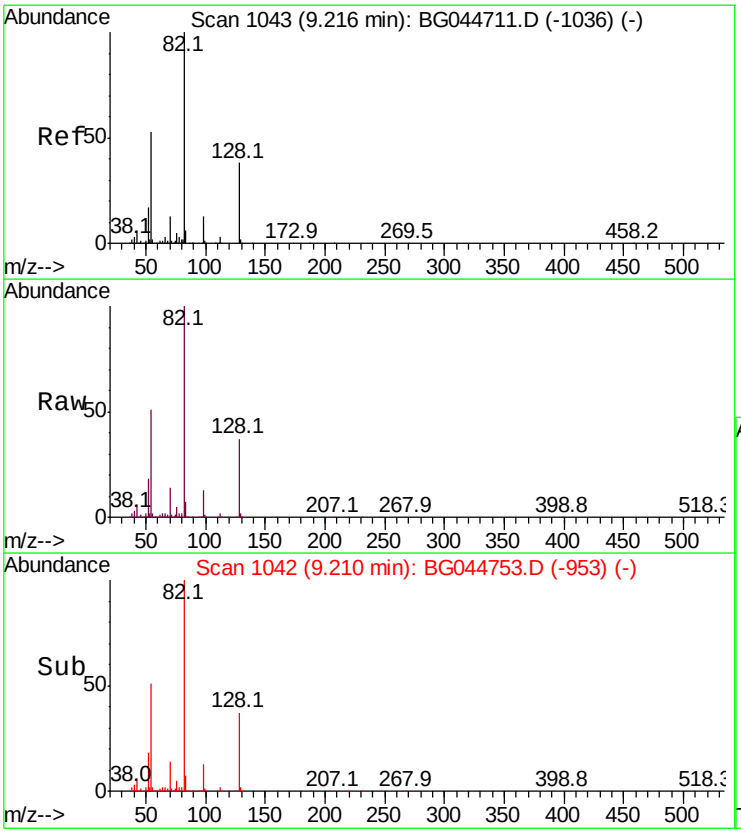
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 398249

Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.7	16.1
54	9.3	9.0	13.4
68	6.8	5.9	8.9

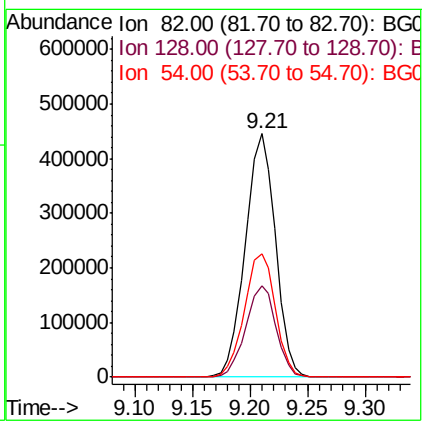


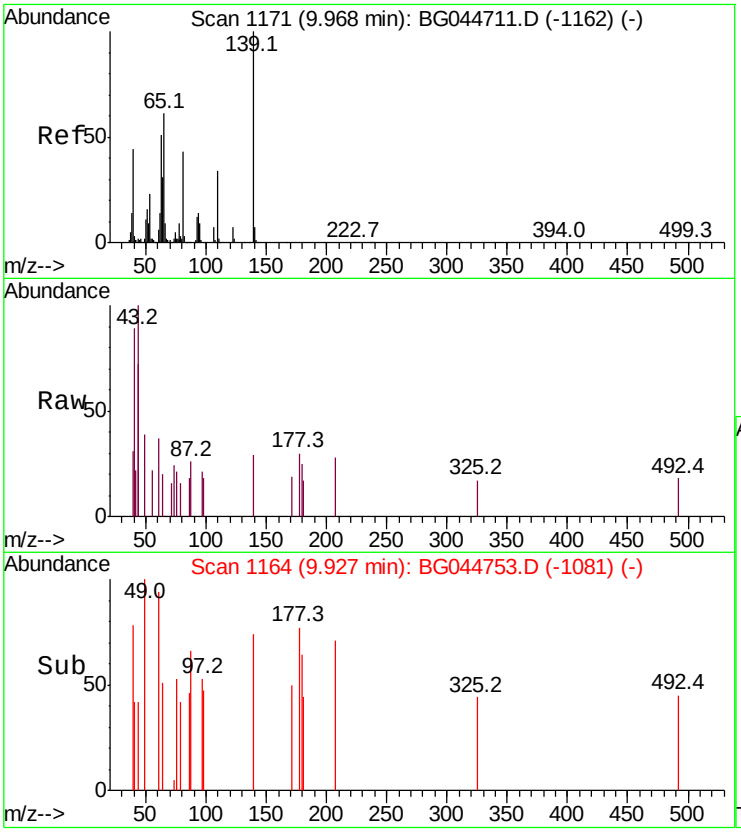


#23
Nitrobenzene-d5
Concen: 89.277 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion: 82 Resp: 810239

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.2	45.2
54	50.5	41.8	62.8



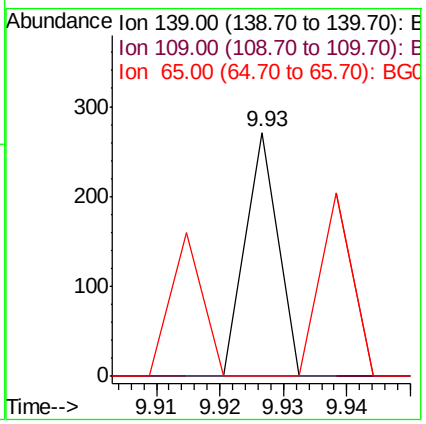


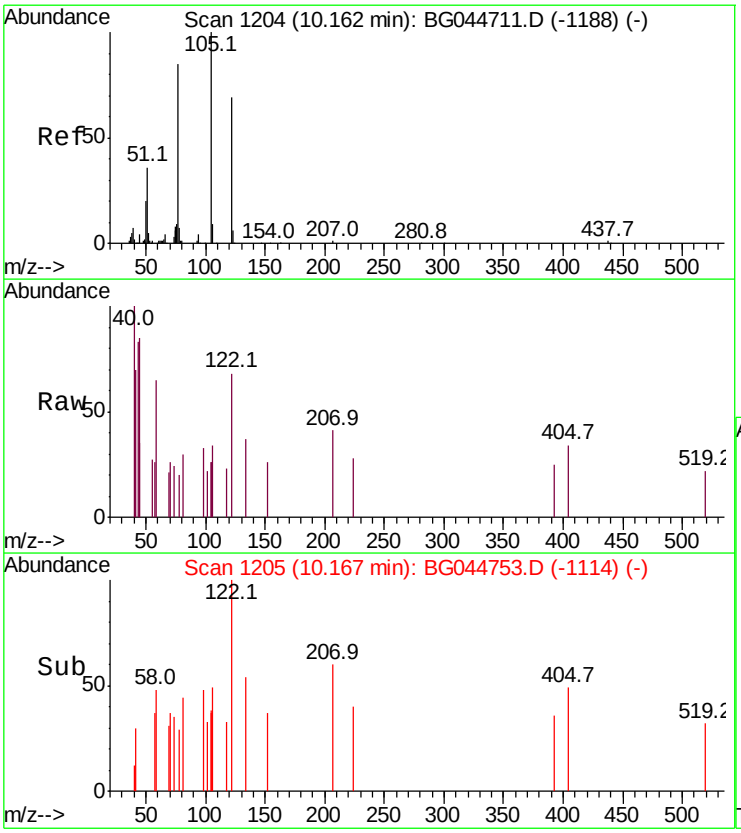
#26
2-Nitrophenol
Concen: 5.541 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.04 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 96

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

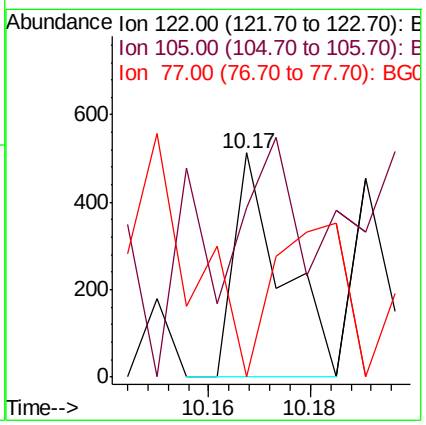


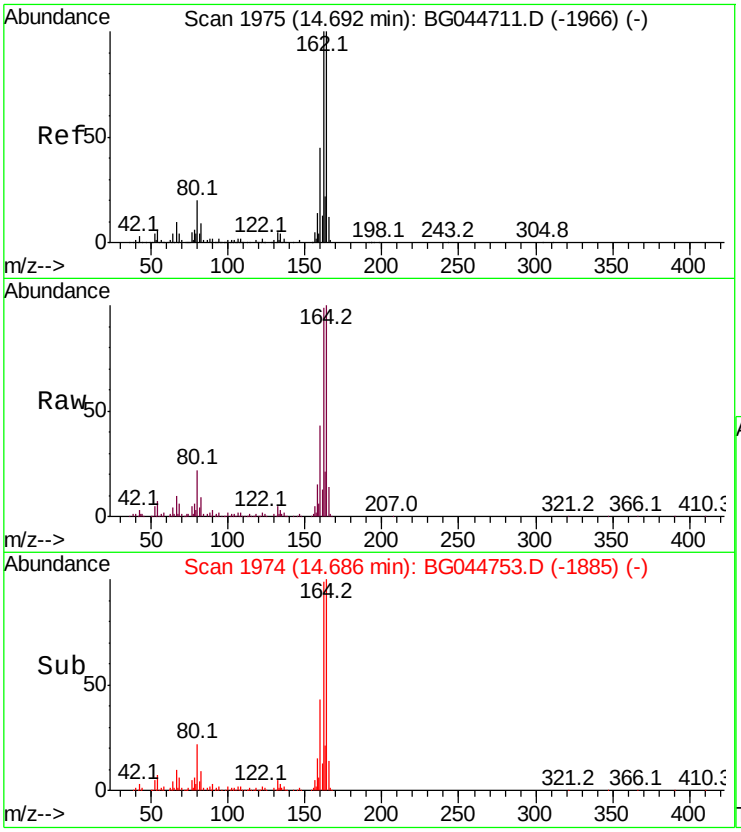


#32
Benzoic acid
Concen: 9.730 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion:122 Resp: 336

Ion	Ratio	Lower	Upper
122	100		
105	75.6	119.0	159.0#
77	0.0	96.4	136.4#



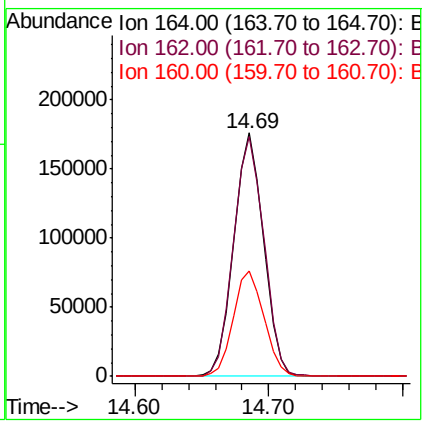


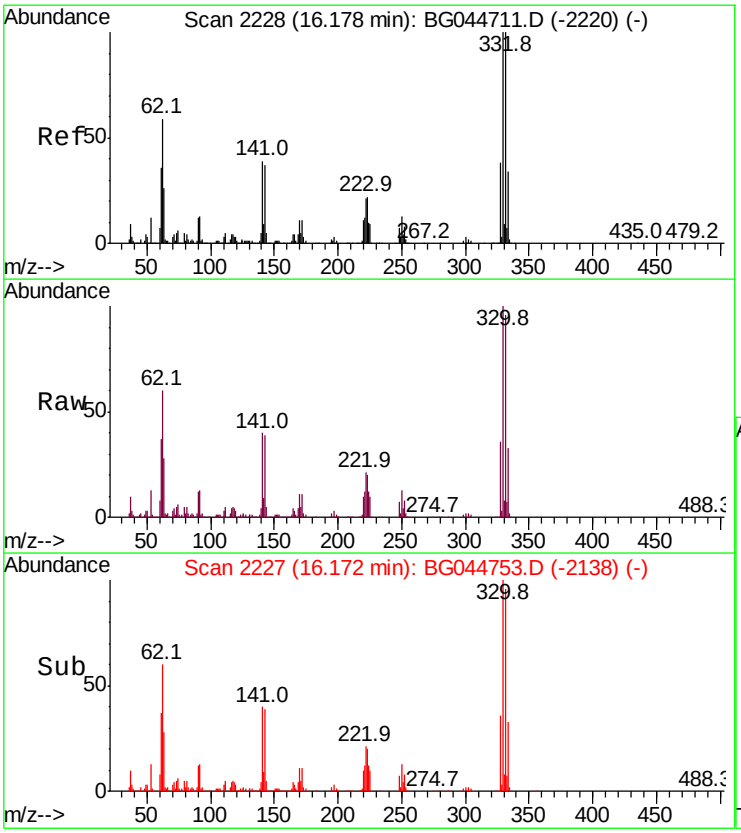
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 272554

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.2	120.4
160	43.3	36.2	54.2

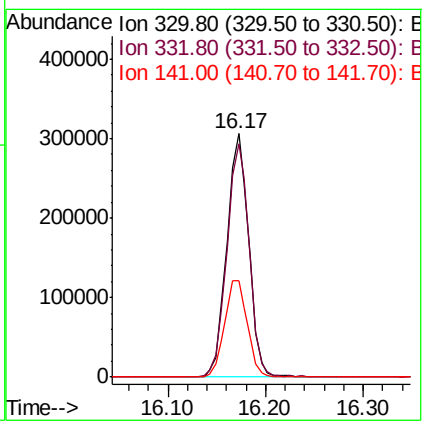


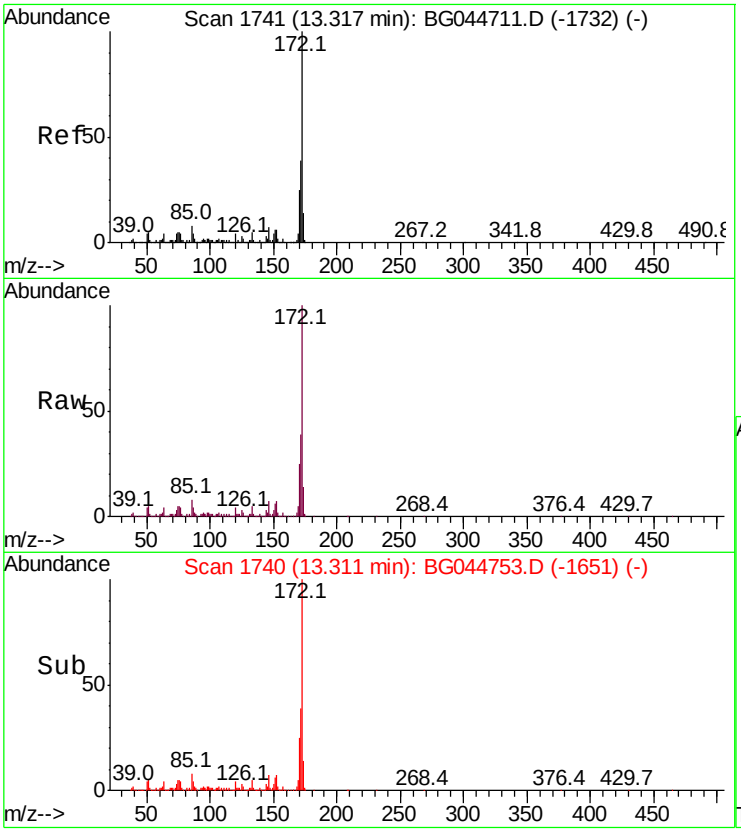


#42
2,4,6-Tribromophenol
Concen: 133.052 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion:330 Resp: 474819

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.5	116.3
141	41.5	31.7	47.5



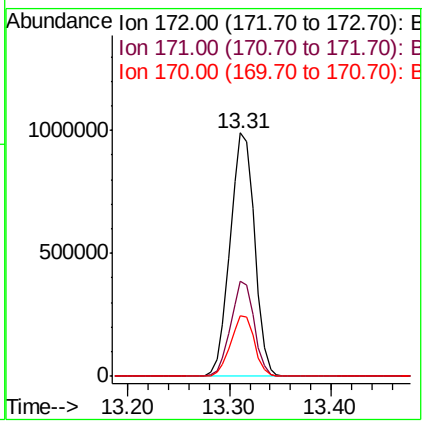


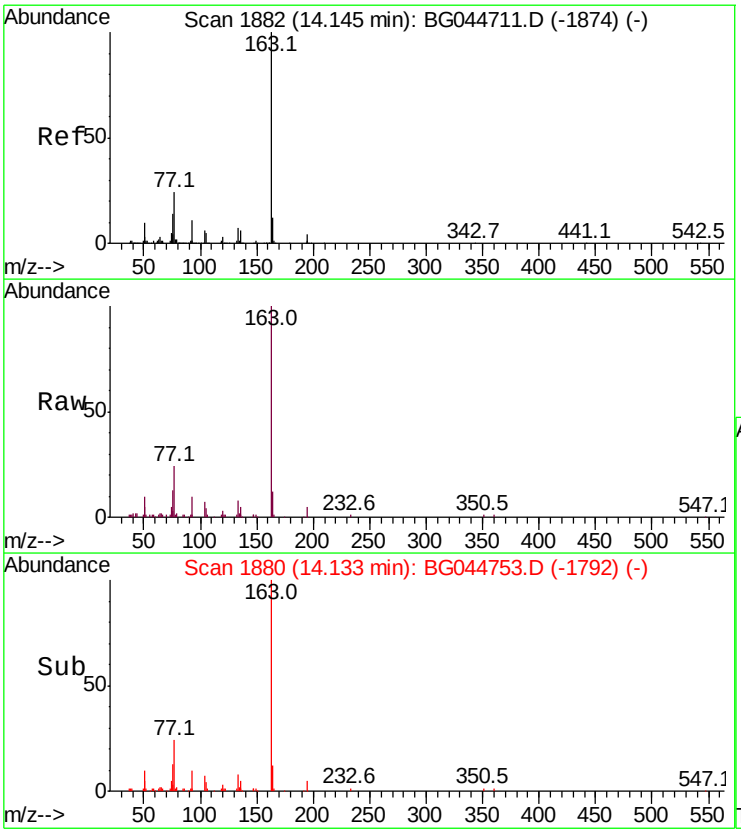
#45
2-Fluorobiphenyl
Concen: 86.887 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1653690

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.8	46.2
170	24.7	20.0	30.0

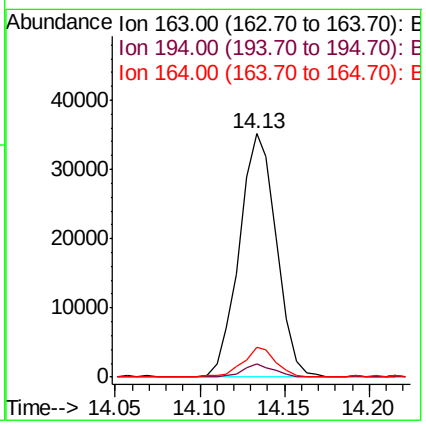


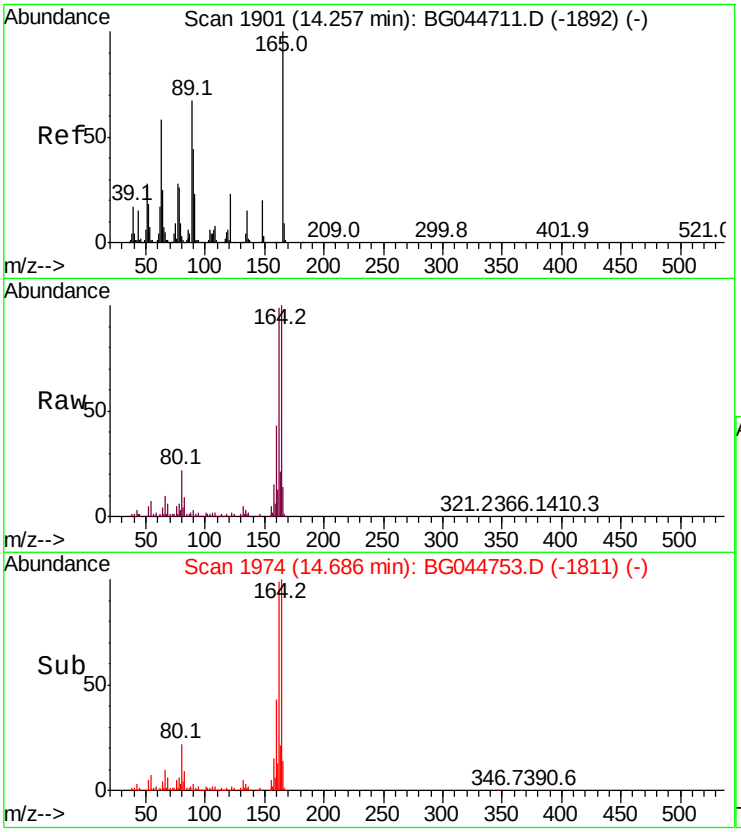


#50
Dimethylphthalate
Concen: 2.468 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion:163 Resp: 53569

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	12.2	9.2	13.8



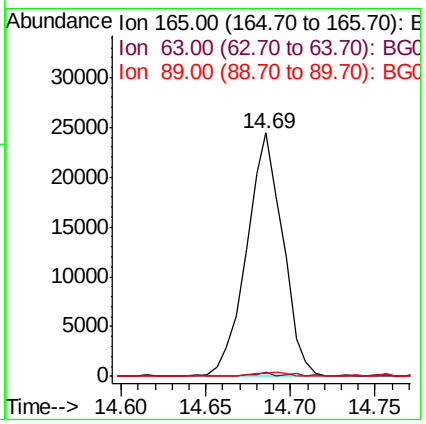


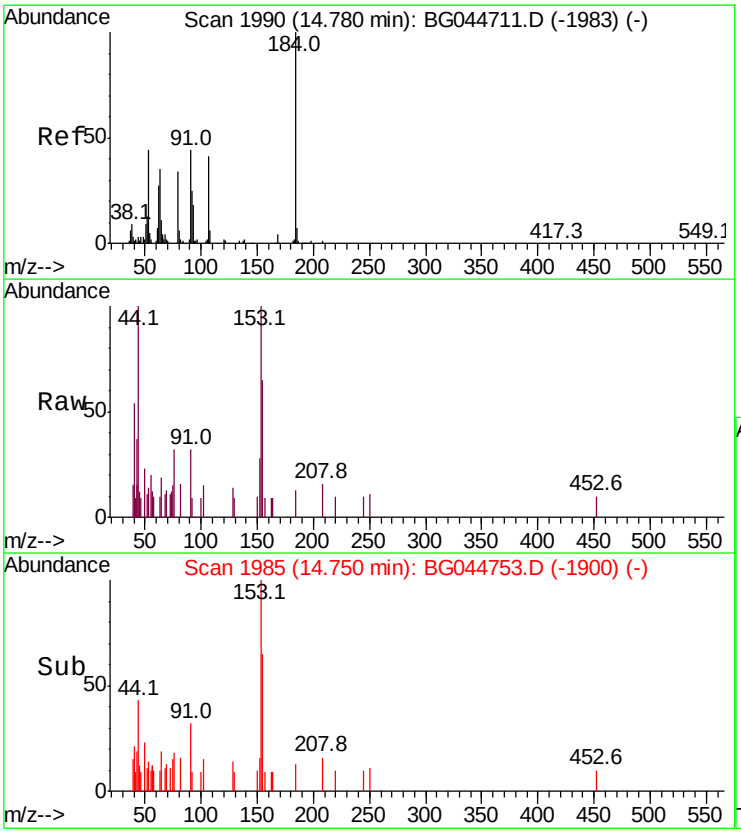
#51
2,6-Dinitrotoluene
Concen: 8.328 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.43 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 36440

Ion	Ratio	Lower	Upper
165	100		
63	1.7	48.9	73.3#
89	1.0	53.8	80.8#

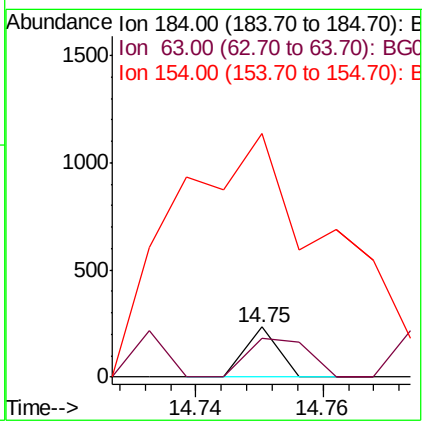


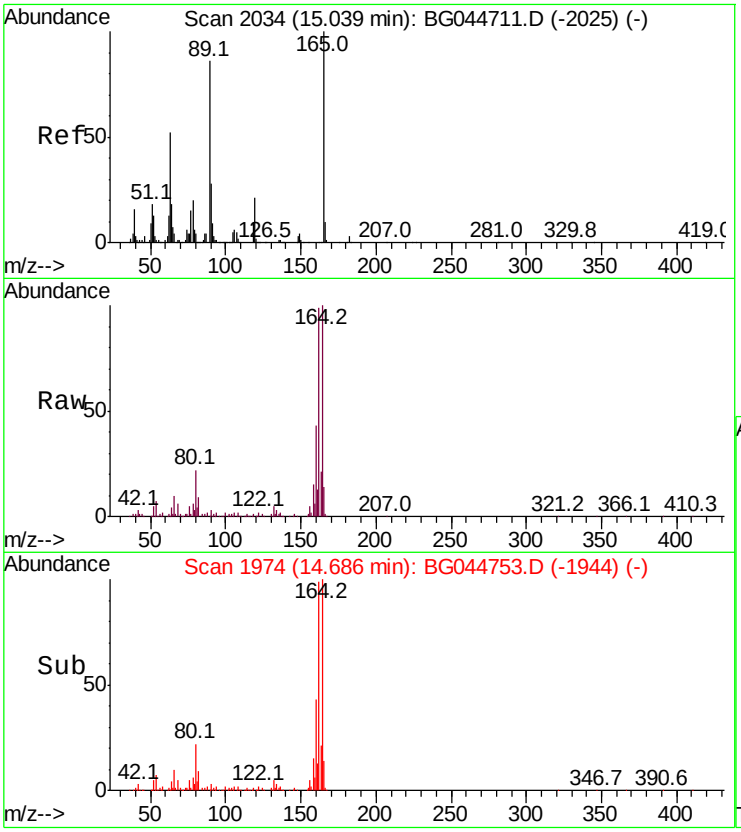


#54
2,4-Dinitrophenol
Concen: 8.355 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.03 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion:184 Resp: 82

Ion	Ratio	Lower	Upper
184	100		
63	77.2	49.0	73.6#
154	489.7	94.5	141.7#



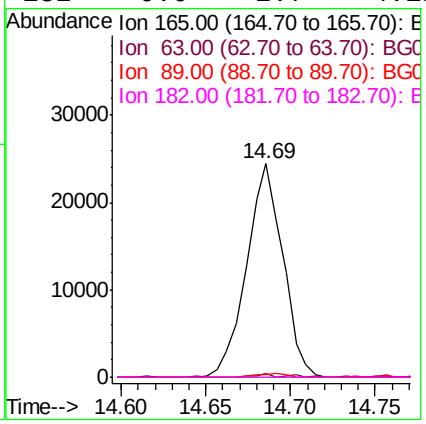


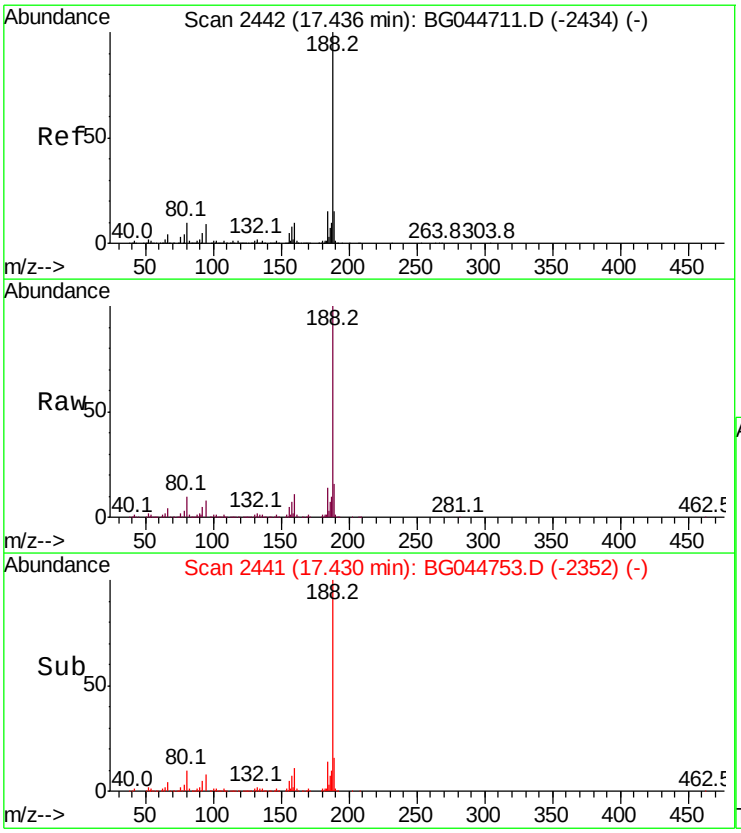
#57
2,4-Dinitrotoluene
Concen: 6.072 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 36440

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.5	62.3#
89	1.0	69.0	103.4#
182	0.0	2.7	4.1#

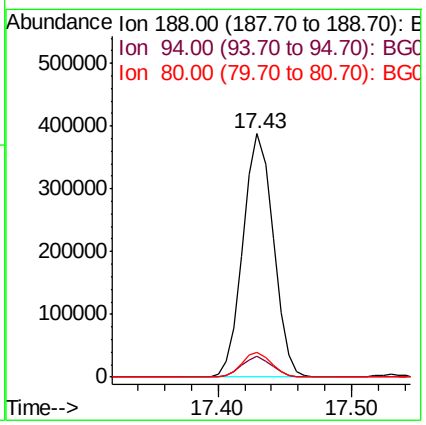


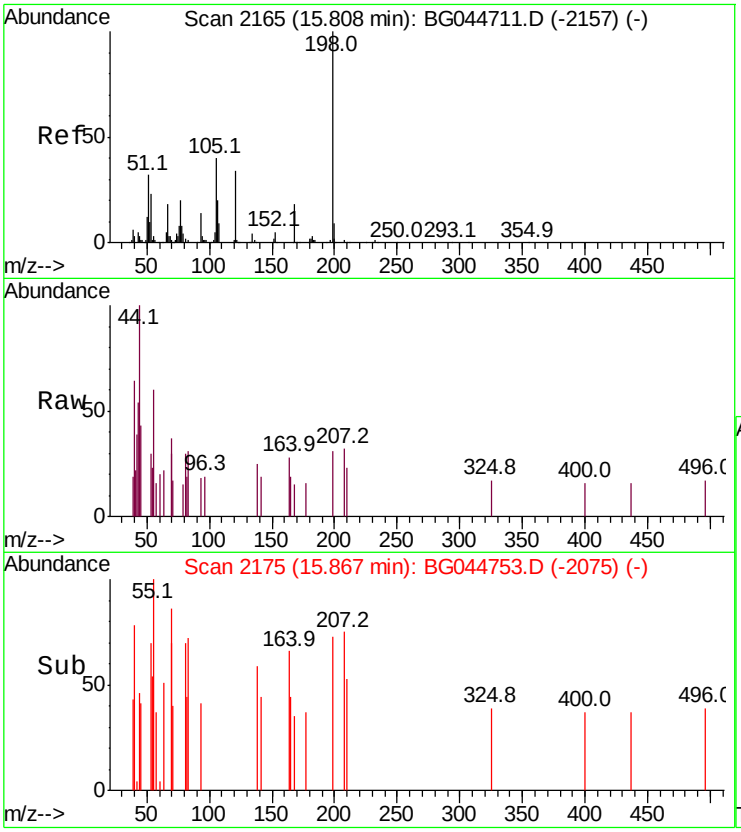


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion:188 Resp: 607493

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	10.1	8.4	12.6



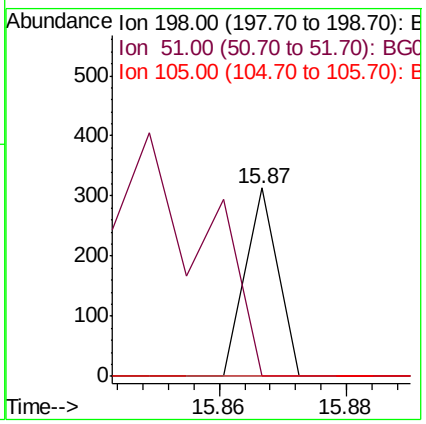


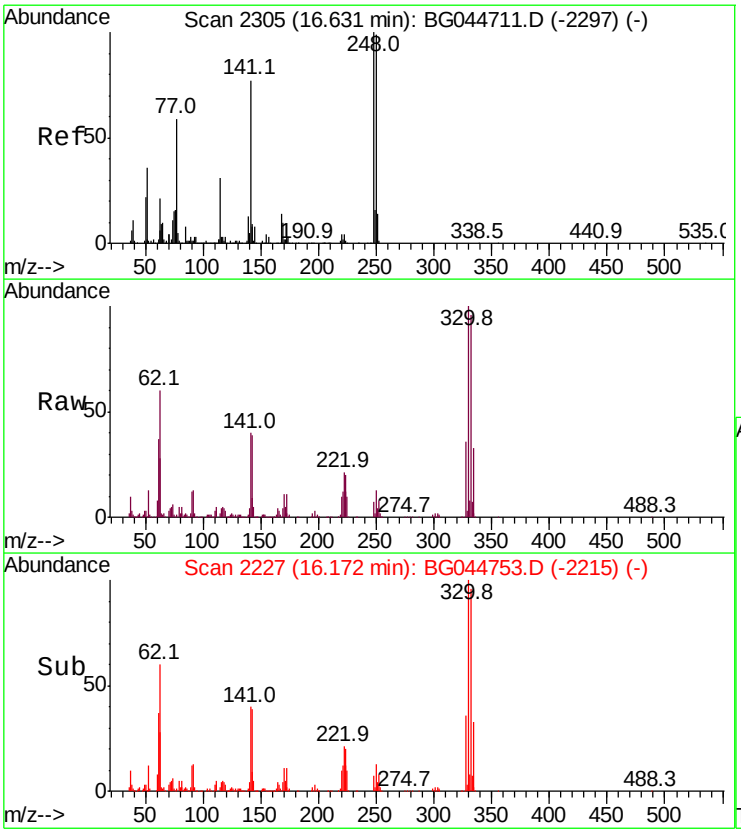
#65
4,6-Dinitro-2-methylphenol
Concen: 7.760 ng
RT: 15.87 min Scan# 2175
Delta R.T. 0.06 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 110

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

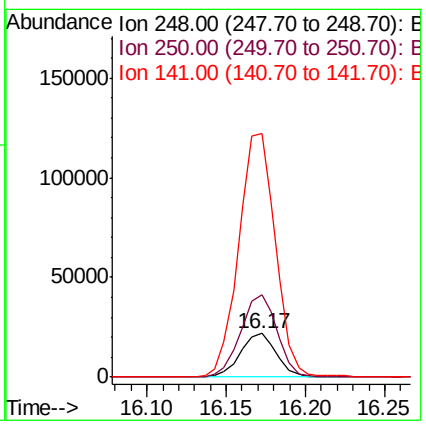


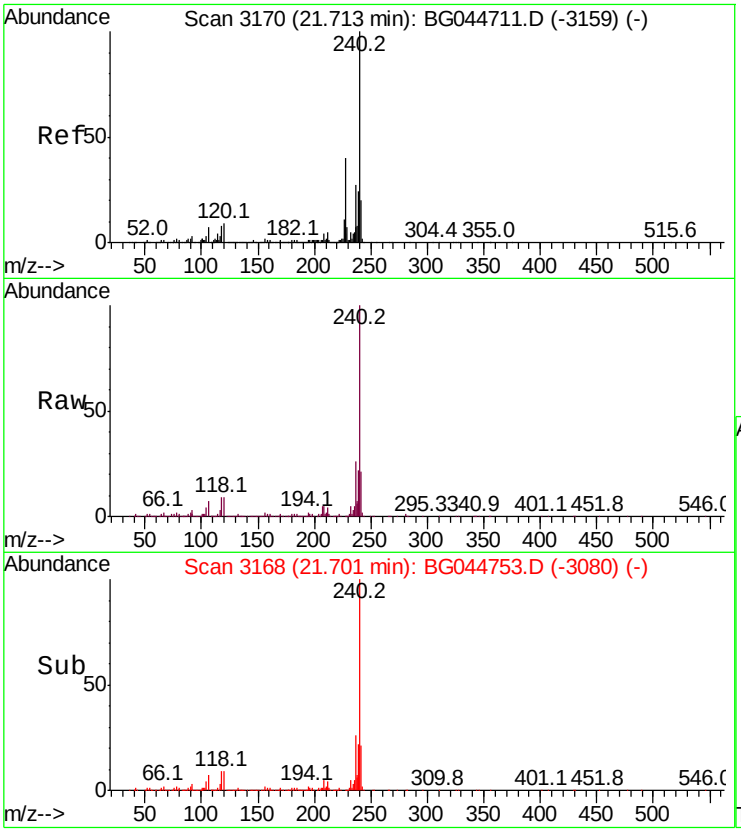


#67
4-Bromophenyl-phenylether
Concen: 4.553 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion:248 Resp: 34577

Ion	Ratio	Lower	Upper
248	100		
250	187.0	79.4	119.0#
141	554.6	61.7	92.5#



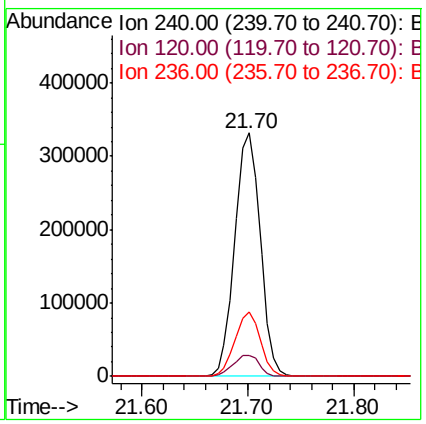


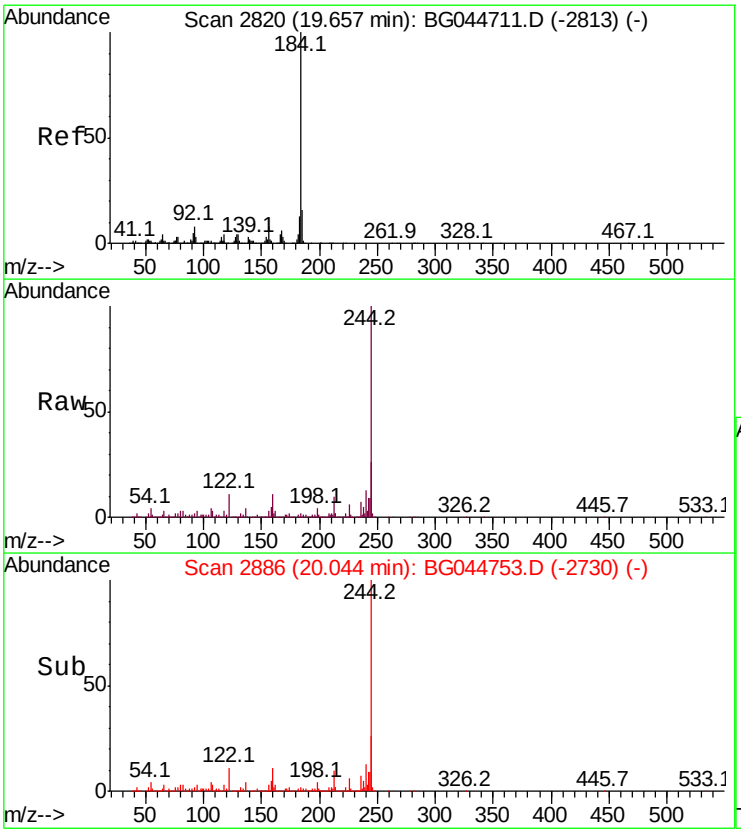
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 552245

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.4	21.9	32.9

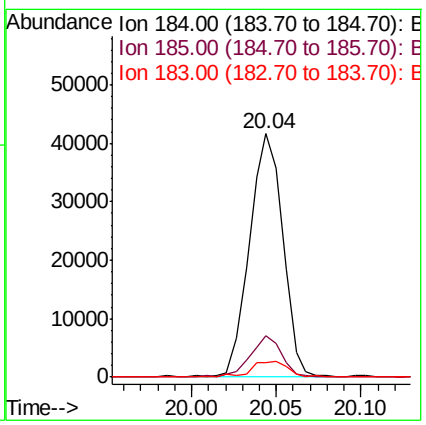


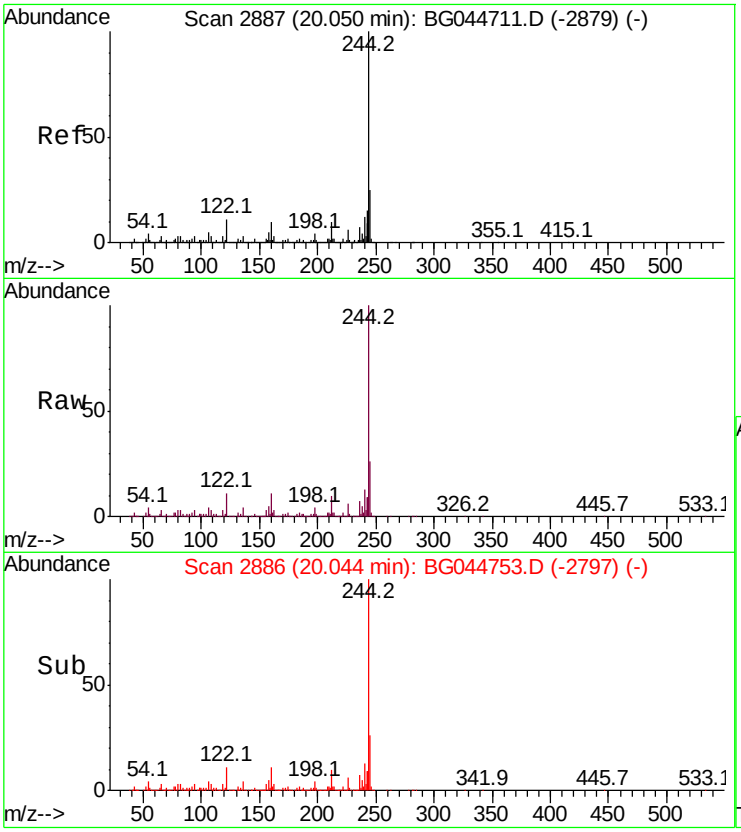


#77
Benzidine
Concen: 3.197 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.39 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion:184 Resp: 57323

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.9	19.3
183	5.7	10.6	15.8#



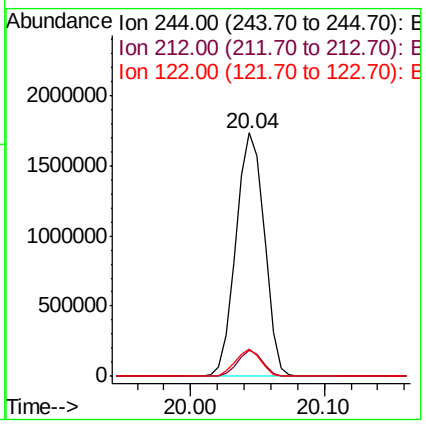


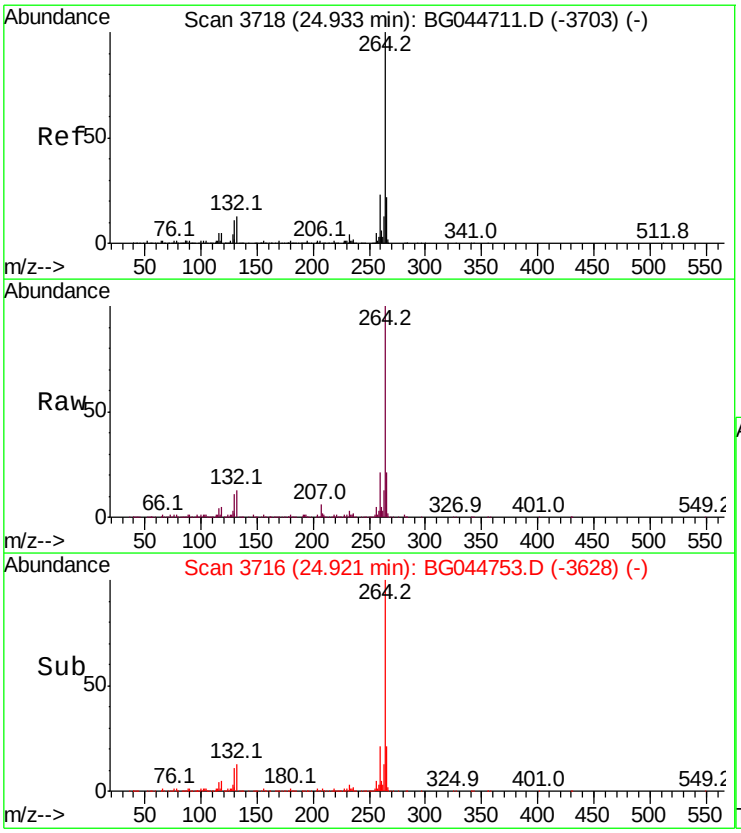
#79
Terphenyl-d14
Concen: 86.302 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2547907

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.4	12.6
122	11.2	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044753.D
Acq: 13 Mar 2020 3:26

Tgt Ion:264 Resp: 633700

Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.4	27.6
265	21.2	17.4	26.2