Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044744.D
Acq On : 12 Mar 2020 20:49
Operator : CG/JU
Sample : L1871-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 06:09:30 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	107193	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	422084	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	293936	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	657732	20.00	ng		0.00
76) Chrysene-d12	21.70	240	593160	20.00	ng		-0.01
87) Perylene-d12	24.92	264	661270	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	771093	111.98	ng		0.00
7) Phenol-d6	7.21	99	986018	98.55	ng		0.00
23) Nitrobenzene-d5	9.21	82	848802	88.24	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	499349	129.75	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1712406	83.43	ng		0.00
79) Terphenyl-d14	20.04	244	2689461	84.81	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.20	77	2552	Below Cal		#	6
10) Phenol	7.24	94	23307	2.353	ng		90
19) n-Nitroso-di-n-propylamine	9.21	70	115738	16.383	ng	#	72
26) 2-Nitrophenol	10.10	139	71	5.533	ng	#	28
32) Benzoic acid	10.18	122	57	9.679	ng	#	1
50) Dimethylphthalate	14.13	163	84181	3.596	ng		99
51) 2,6-Dinitrotoluene	14.69	165	38894	8.242	ng	#	20
54) 2,4-Dinitrophenol	14.81	184	67	8.347	ng	#	14
57) 2,4-Dinitrotoluene	14.69	165	38894	6.010	ng	#	17
65) 4,6-Dinitro-2-methylphenol	15.83	198	91	7.753	ng	#	35
67) 4-Bromophenyl-phenylether	16.17	248	35190	4.280	ng	#	1
77) Benzidine	20.04	184	57493	2.986	ng	#	91

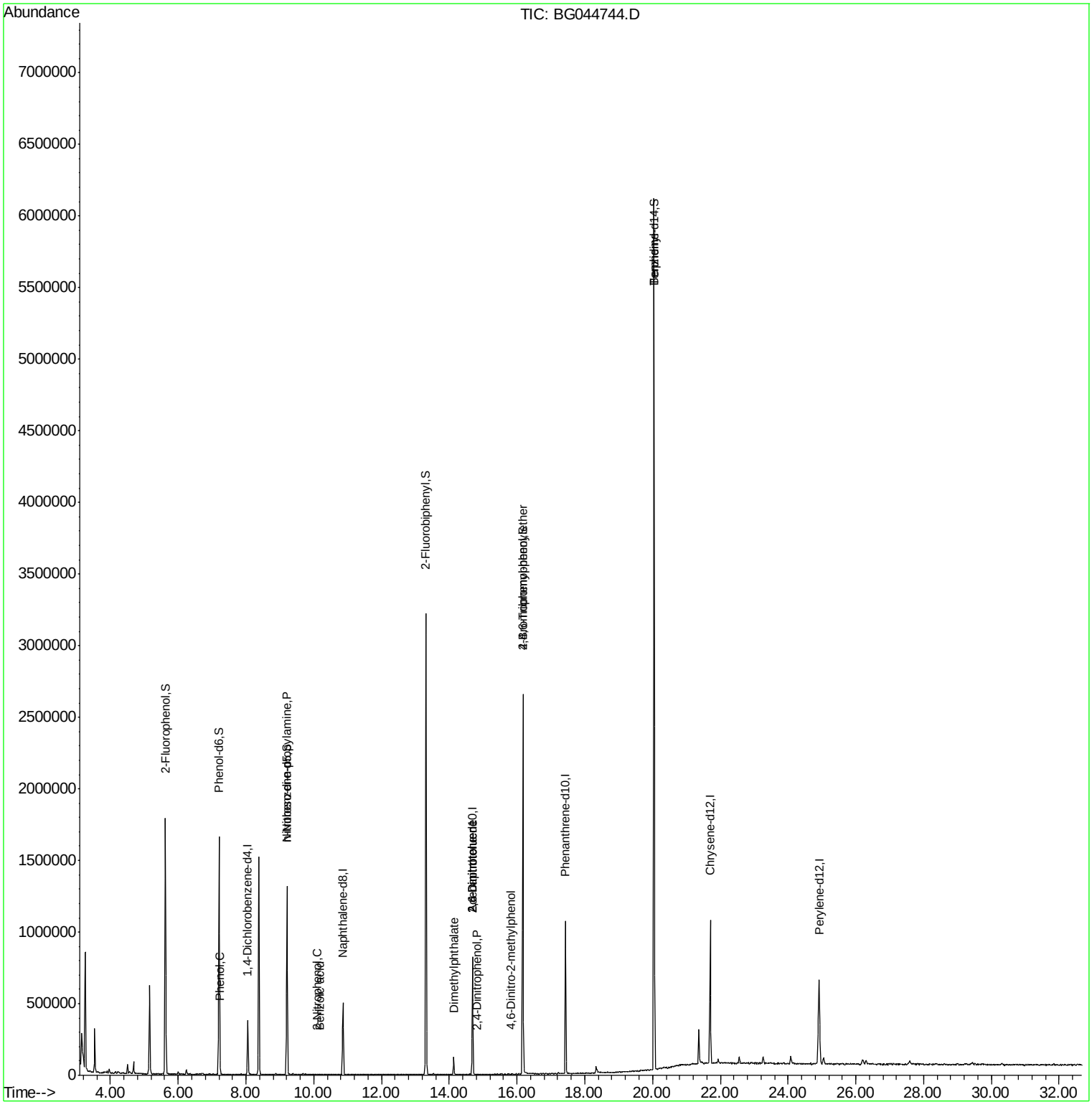
(#) = qualifier out of range (m) = manual integration (+) = signals summed

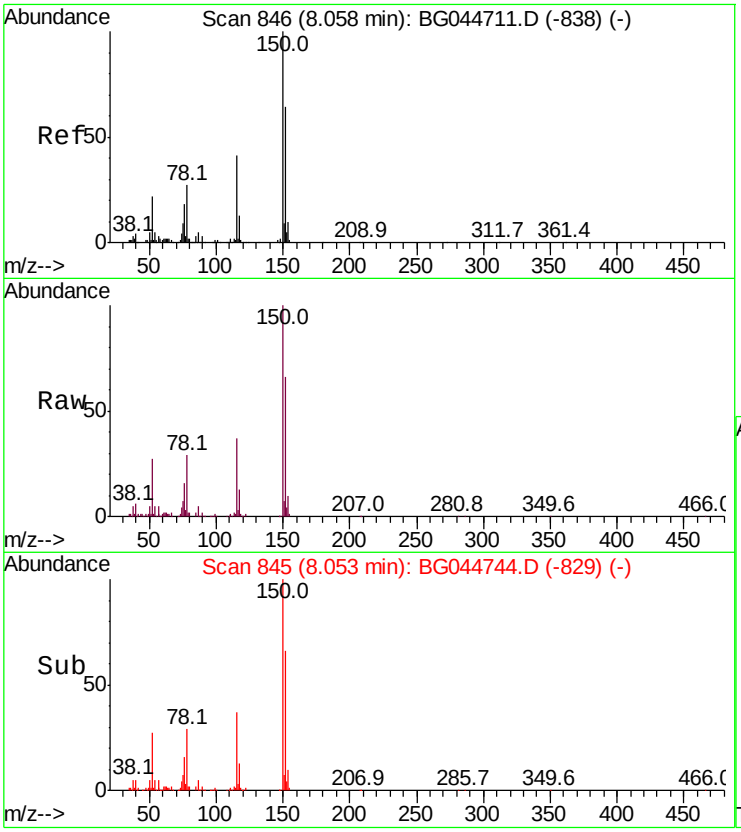
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044744.D
Acq On : 12 Mar 2020 20:49
Operator : CG/JU
Sample : L1871-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 06:09:30 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



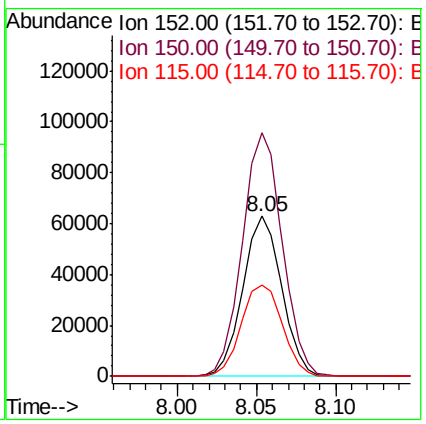


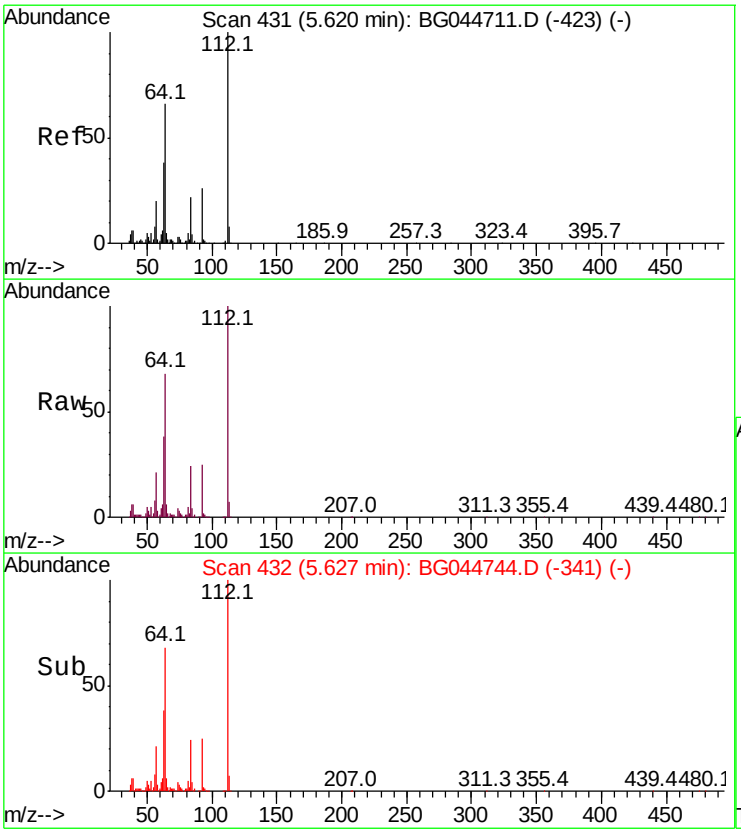
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 107193

Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.3	187.9
115	57.0	51.7	77.5

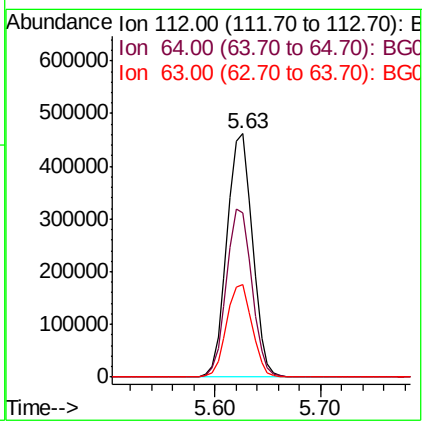


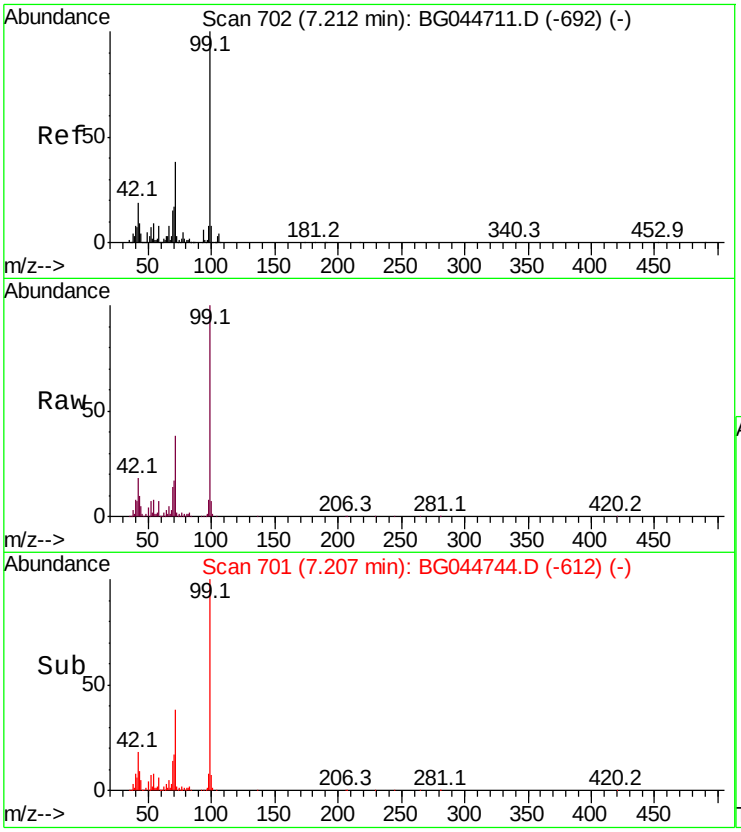


#5
2-Fluorophenol
Concen: 111.981 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion:112 Resp: 771093

Ion	Ratio	Lower	Upper
112	100		
64	67.6	52.6	78.8
63	37.9	30.2	45.4



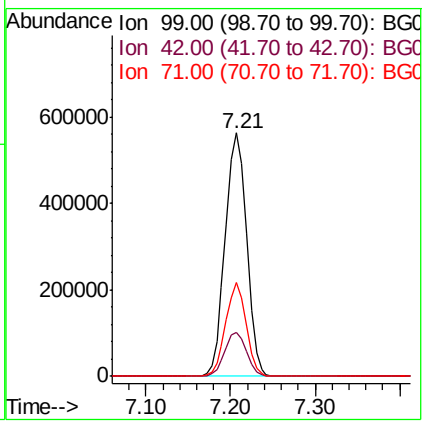


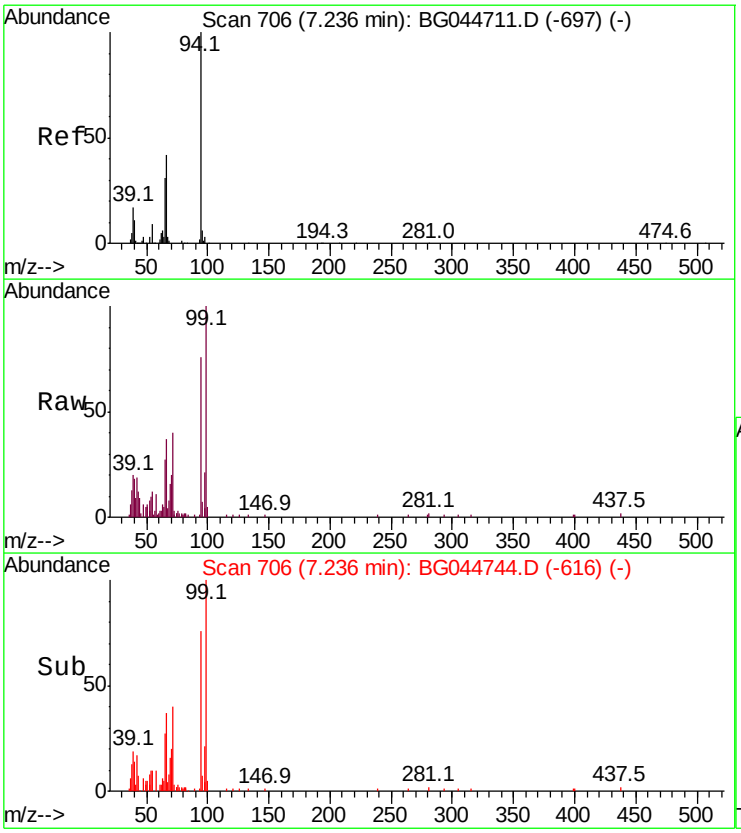
#7
Phenol-d6
Concen: 98.554 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 986018

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.4	23.0
71	38.4	30.2	45.4

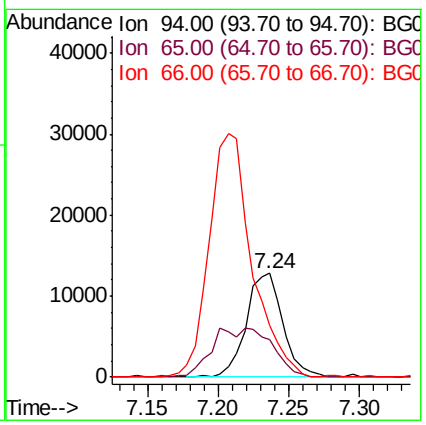


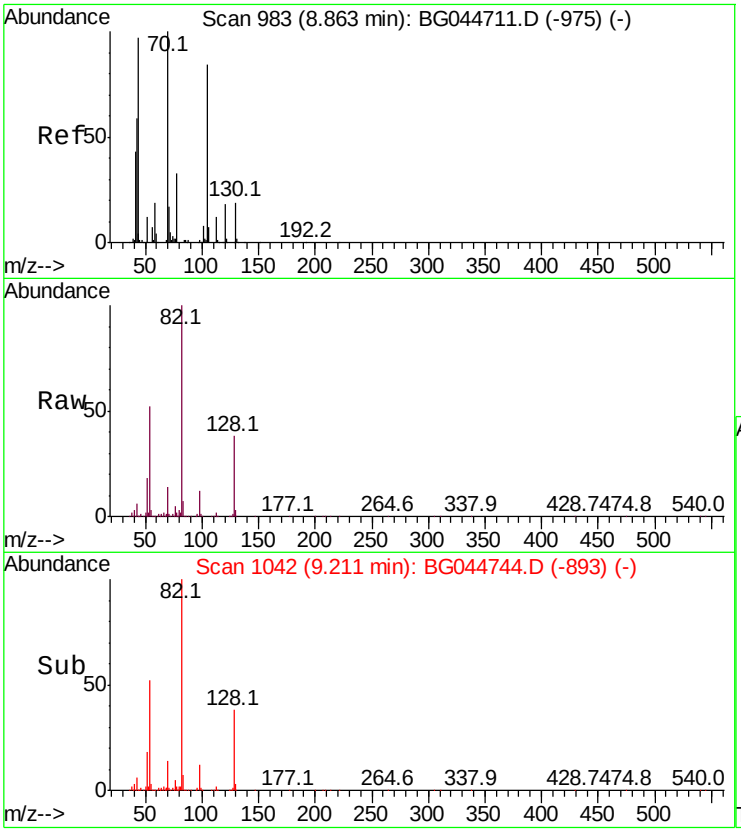


#10
Phenol
Concen: 2.353 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion: 94 Resp: 23307

Ion	Ratio	Lower	Upper
94	100		
65	36.3	11.3	51.3
66	49.4	22.9	62.9



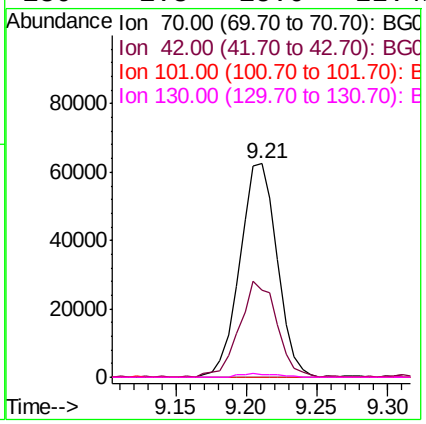


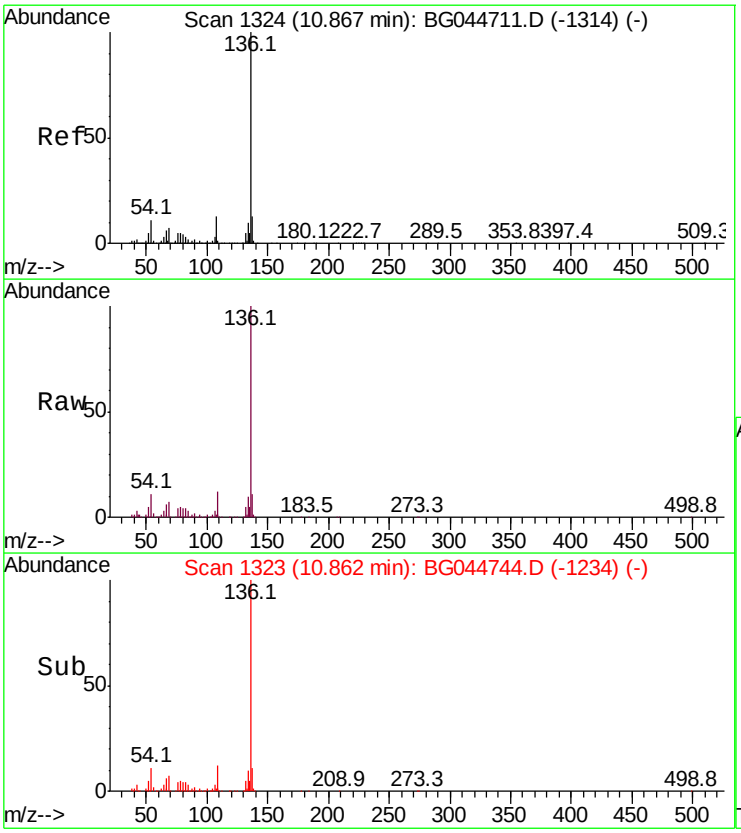
#19
n-Nitroso-di-n-propylamine
Concen: 16.383 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 115738

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.6	71.4#
101	0.0	6.5	9.7#
130	1.3	15.0	22.4#

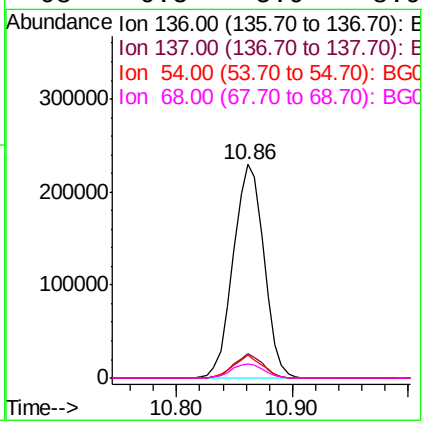


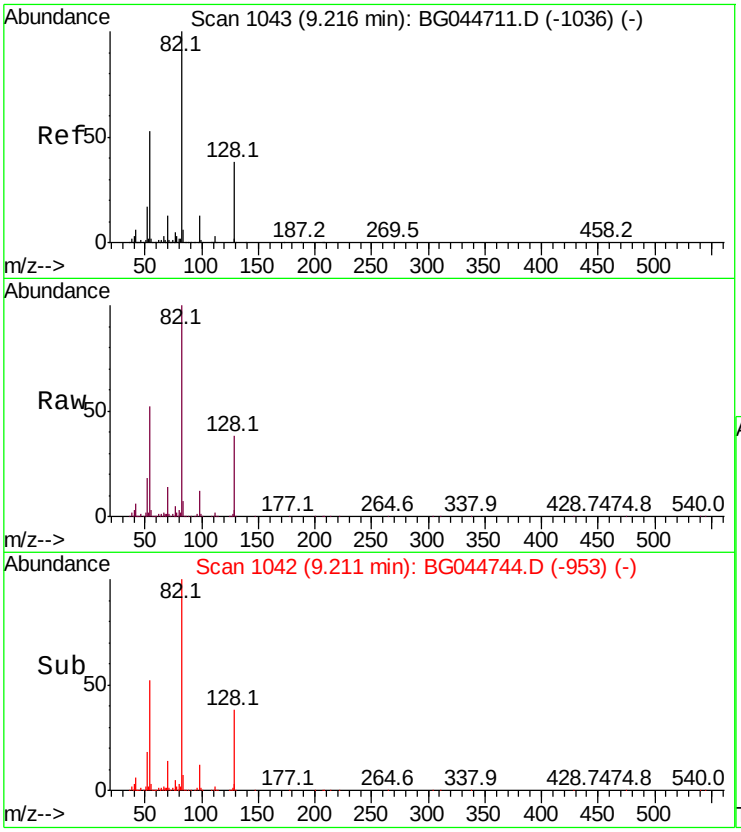


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion:136 Resp: 422084

Ion	Ratio	Lower	Upper
136	100		
137	11.3	10.7	16.1
54	11.1	9.0	13.4
68	6.5	5.9	8.9



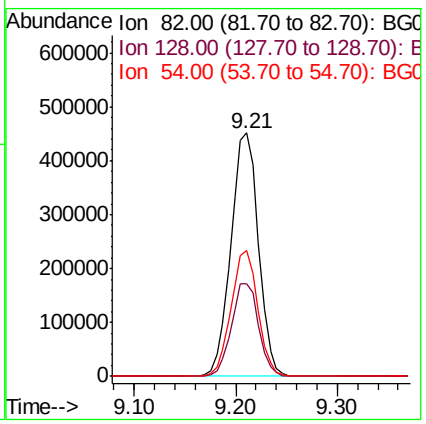


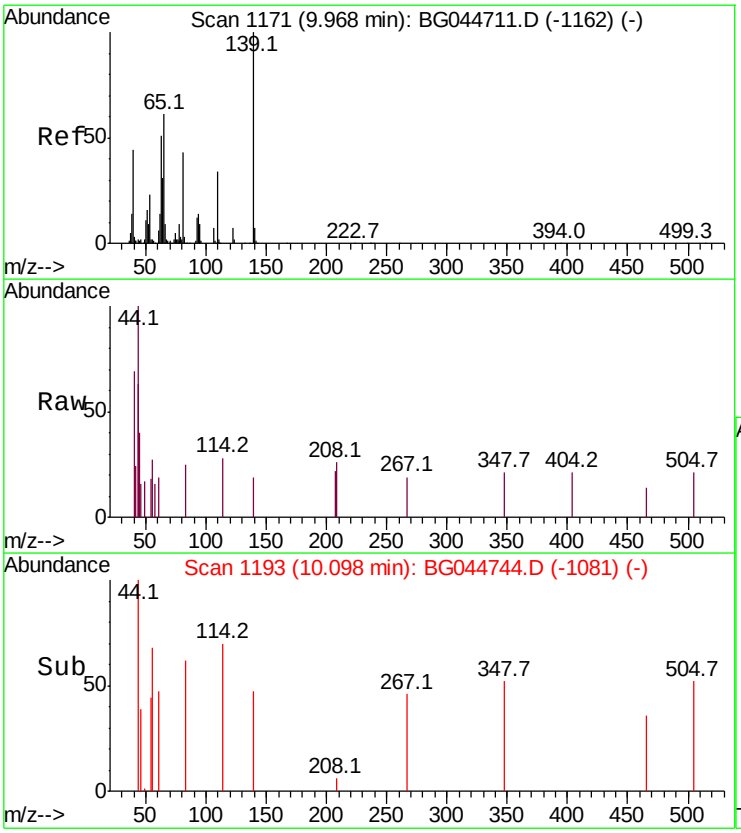
#23
Nitrobenzene-d5
Concen: 88.245 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 848802

Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.2	45.2
54	51.7	41.8	62.8

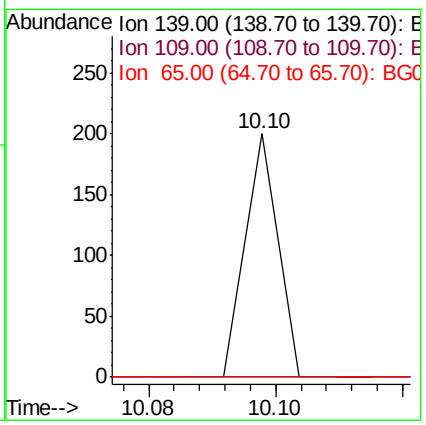


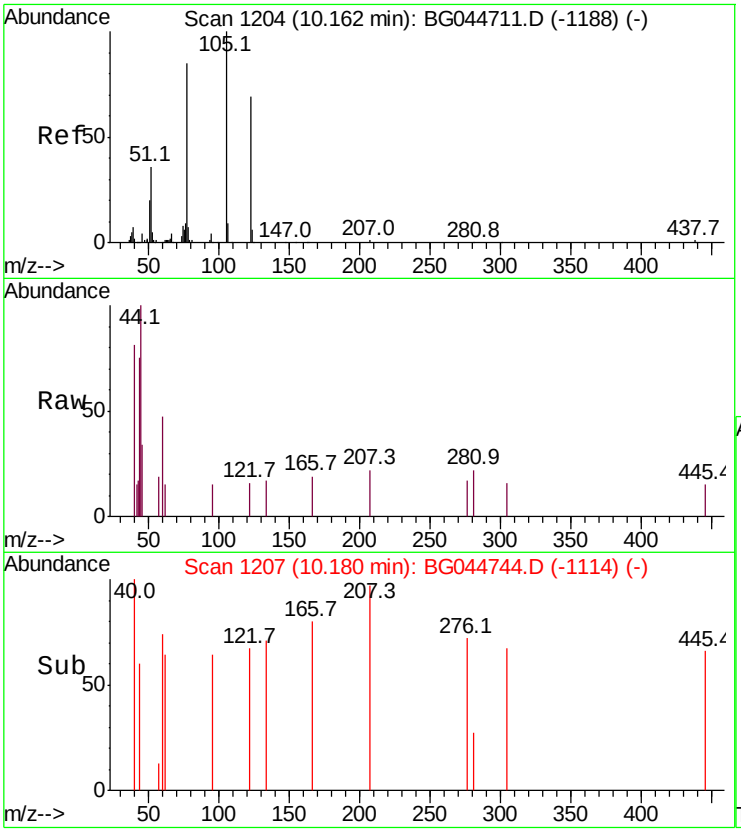


#26
2-Nitrophenol
Concen: 5.533 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.13 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion:139 Resp: 71

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



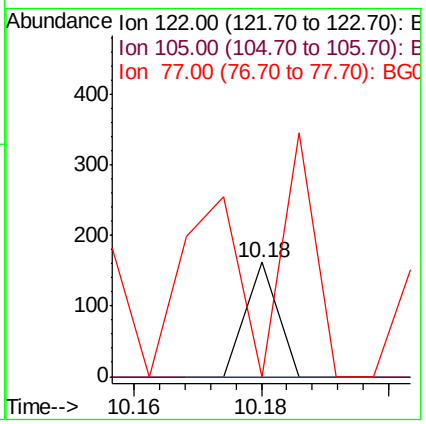


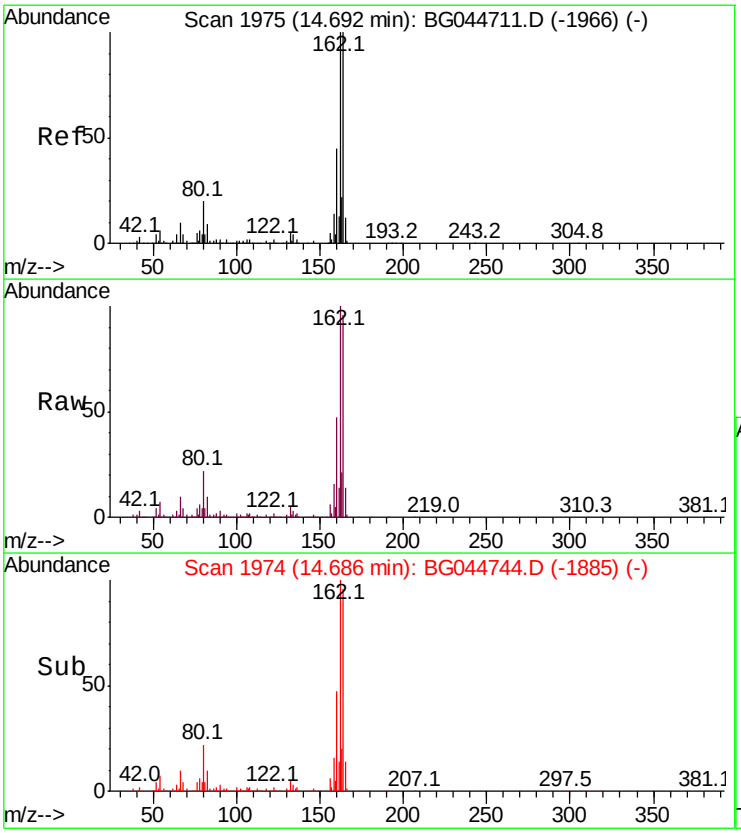
#32
Benzoic acid
Concen: 9.679 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 57

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

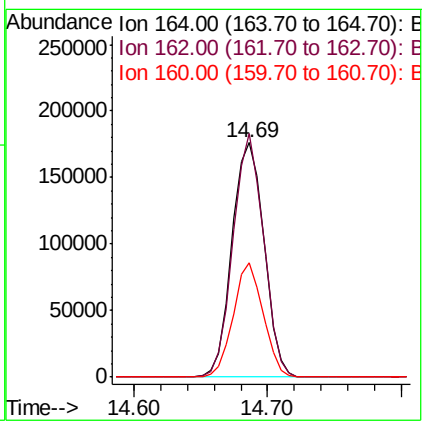


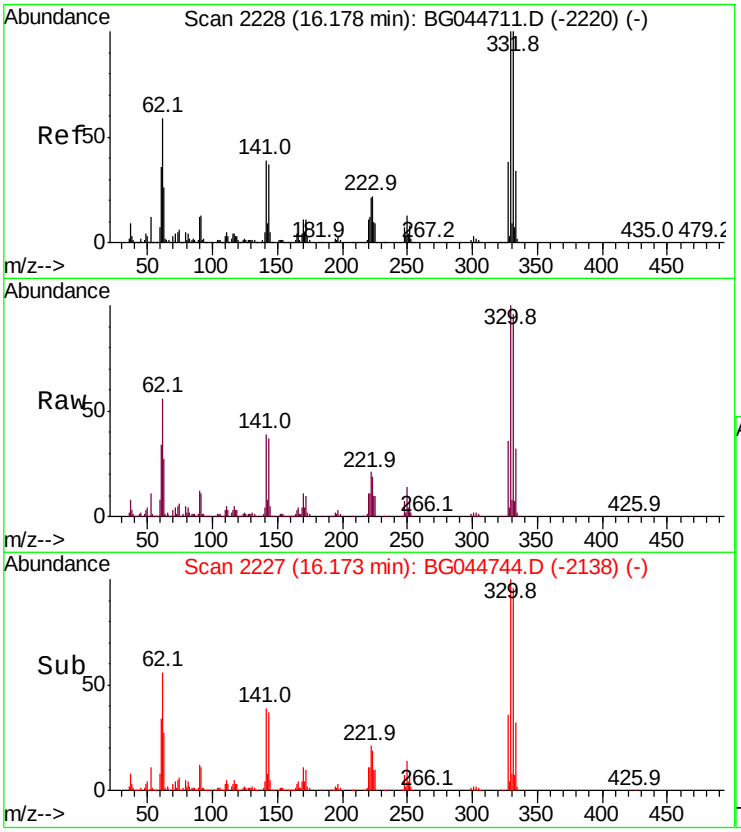


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion:164 Resp: 293936

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.2	120.4
160	48.6	36.2	54.2



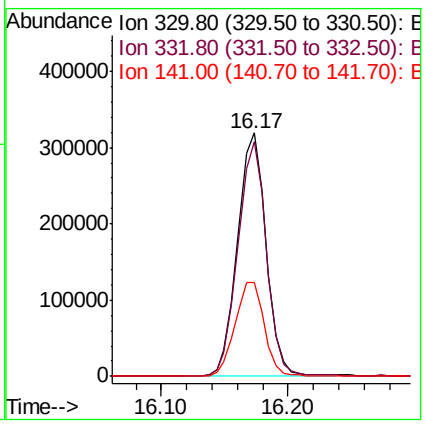


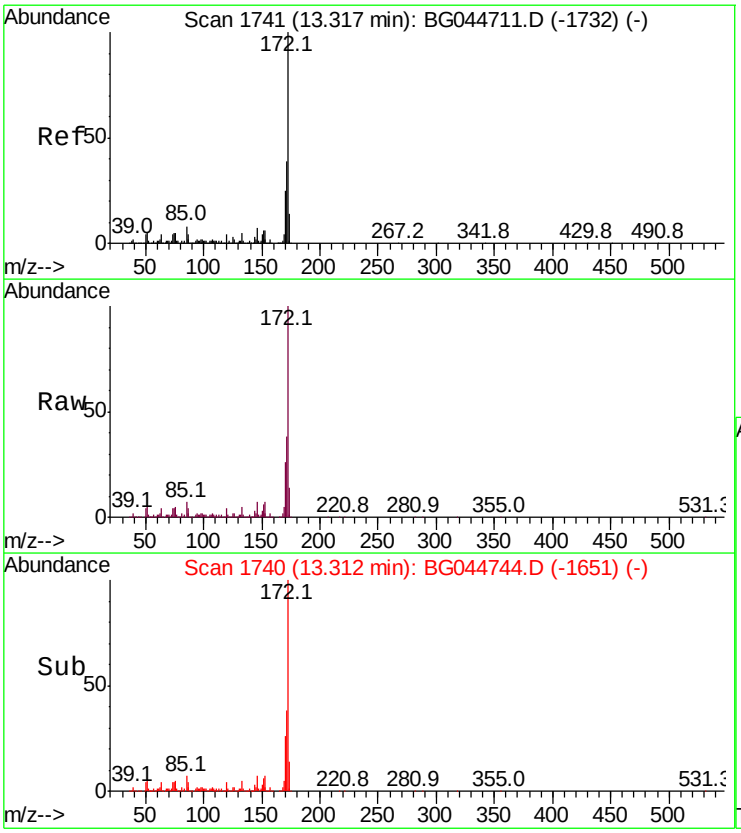
#42
2,4,6-Tribromophenol
Concen: 129.747 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 499349

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	39.5	31.7	47.5

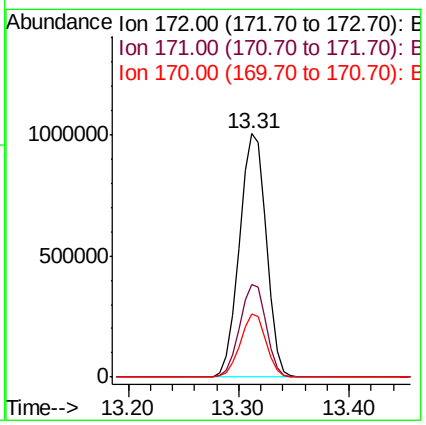


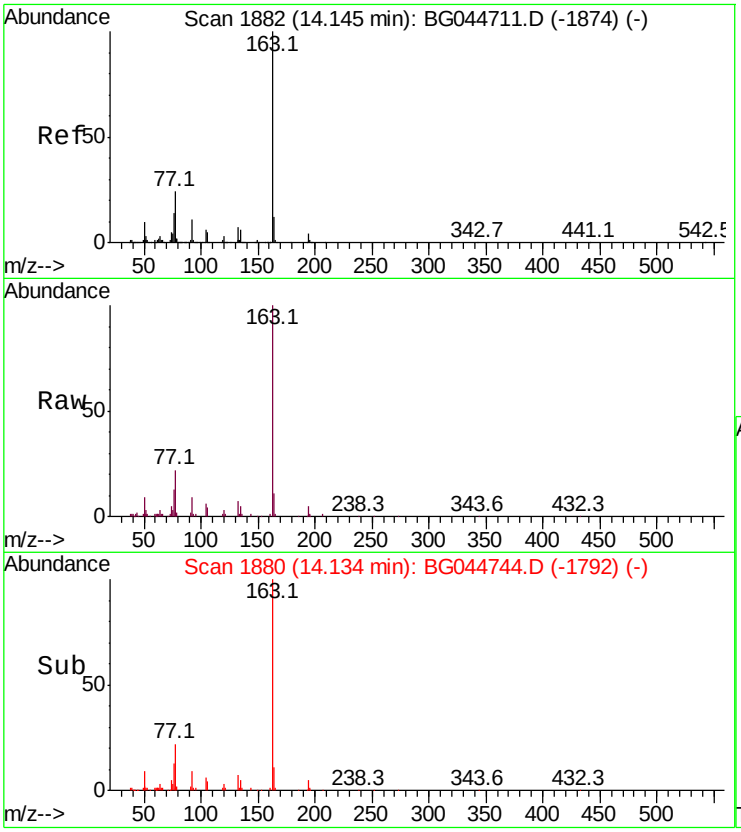


#45
2-Fluorobiphenyl
Concen: 83.427 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion:172 Resp: 1712406

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	25.9	20.0	30.0



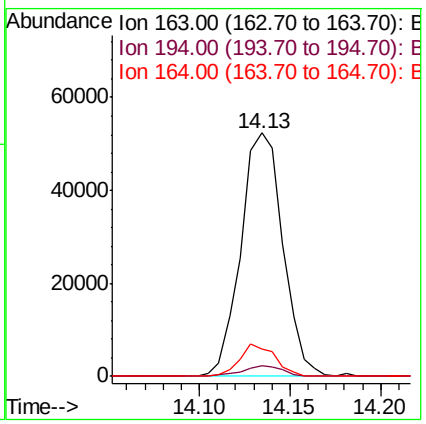


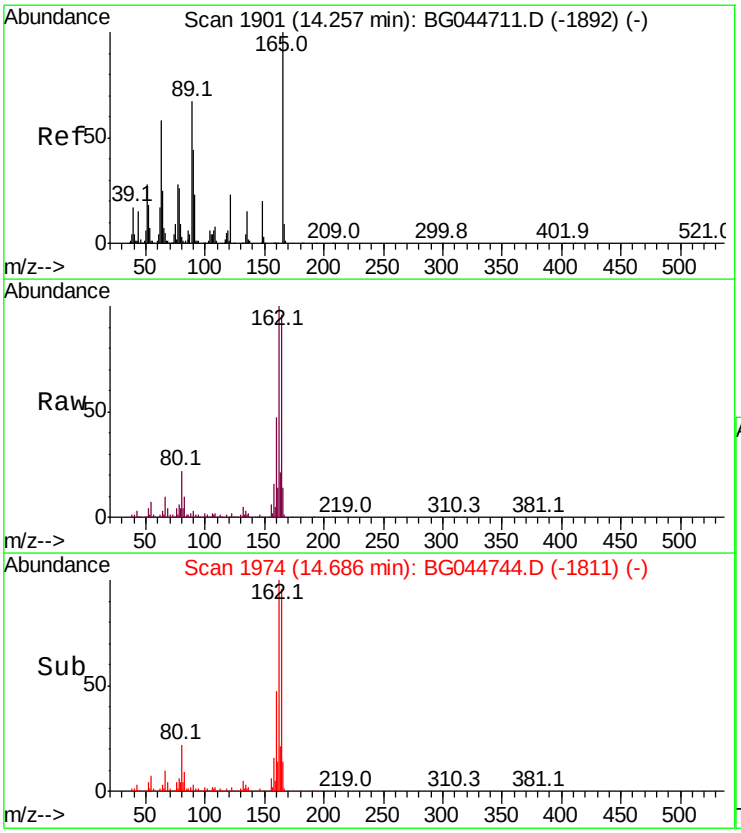
#50
Dimethylphthalate
Concen: 3.596 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 84181

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	11.2	9.2	13.8

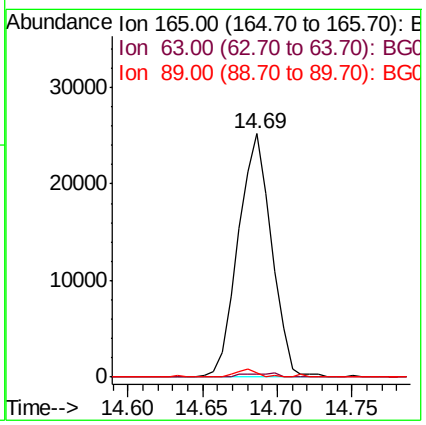


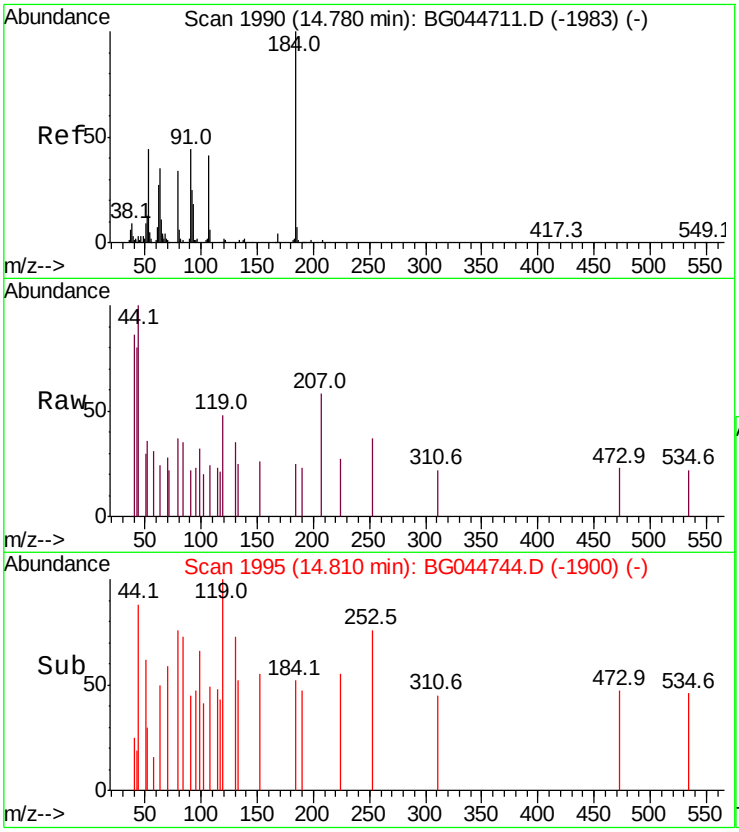


#51
2,6-Dinitrotoluene
Concen: 8.242 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.43 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion:165 Resp: 38894

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	1.7	53.8	80.8#



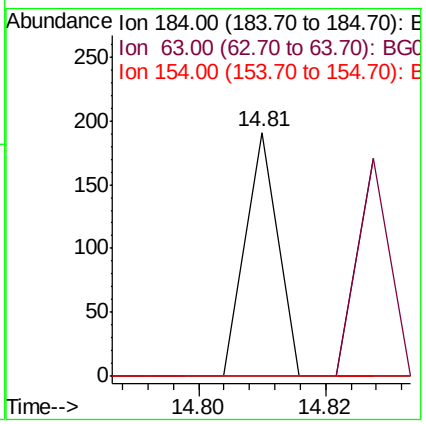


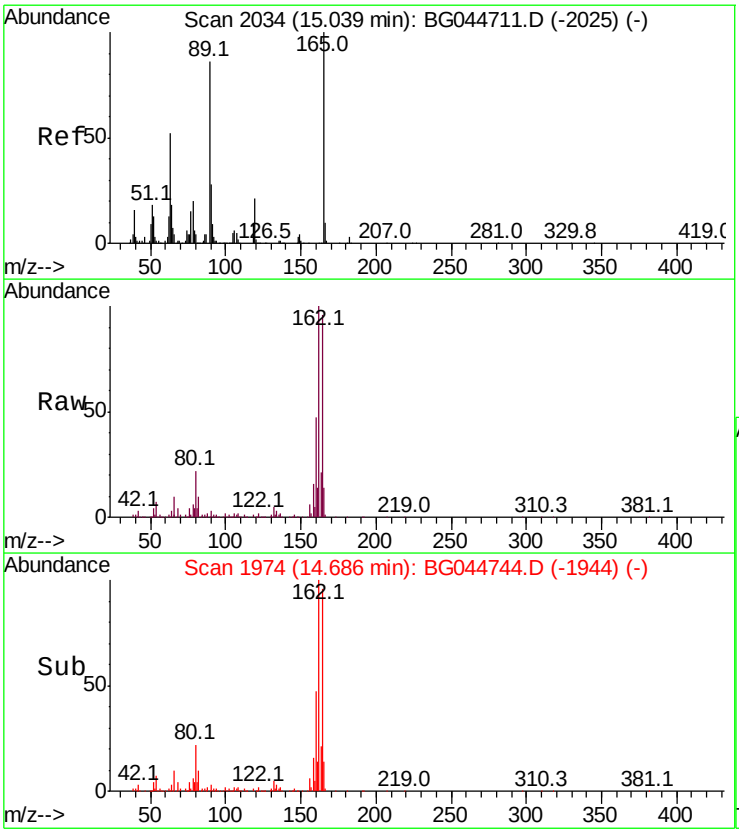
#54
2,4-Dinitrophenol
Concen: 8.347 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.03 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 67

Ion	Ratio	Lower	Upper
184	100		
63	95.3	49.0	73.6#
154	0.0	94.5	141.7#

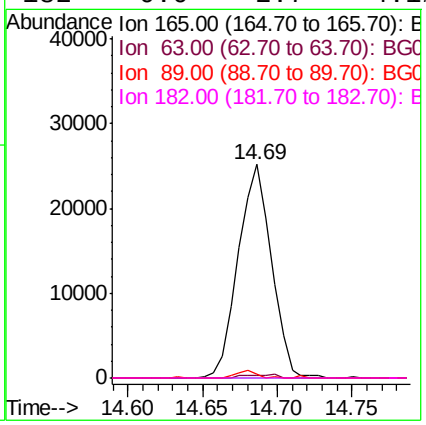


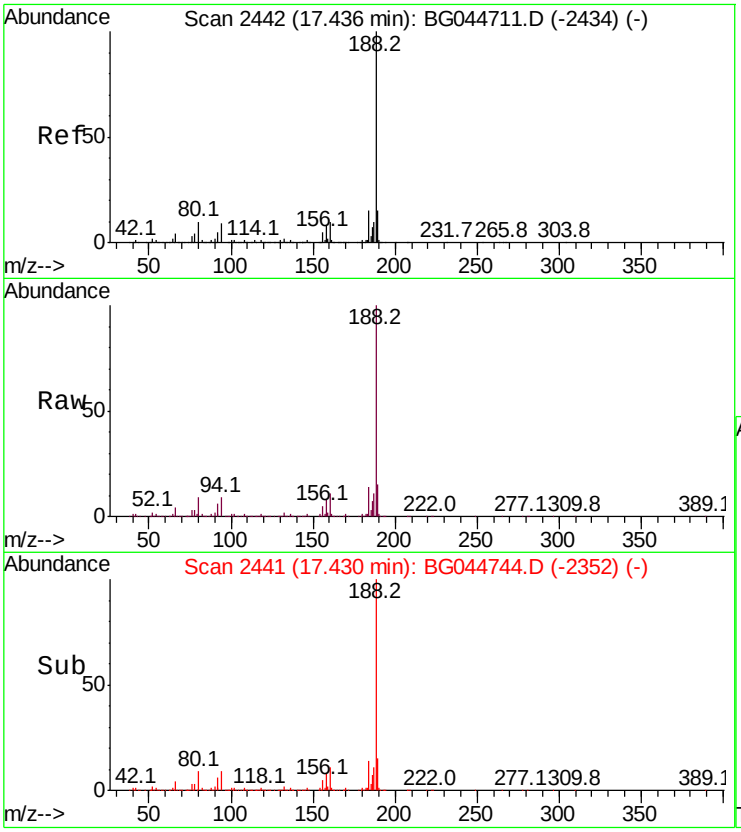


#57
2,4-Dinitrotoluene
Concen: 6.010 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion:165 Resp: 38894

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.5	62.3#
89	1.7	69.0	103.4#
182	0.0	2.7	4.1#



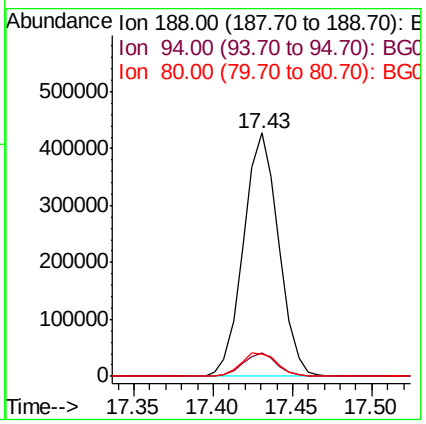


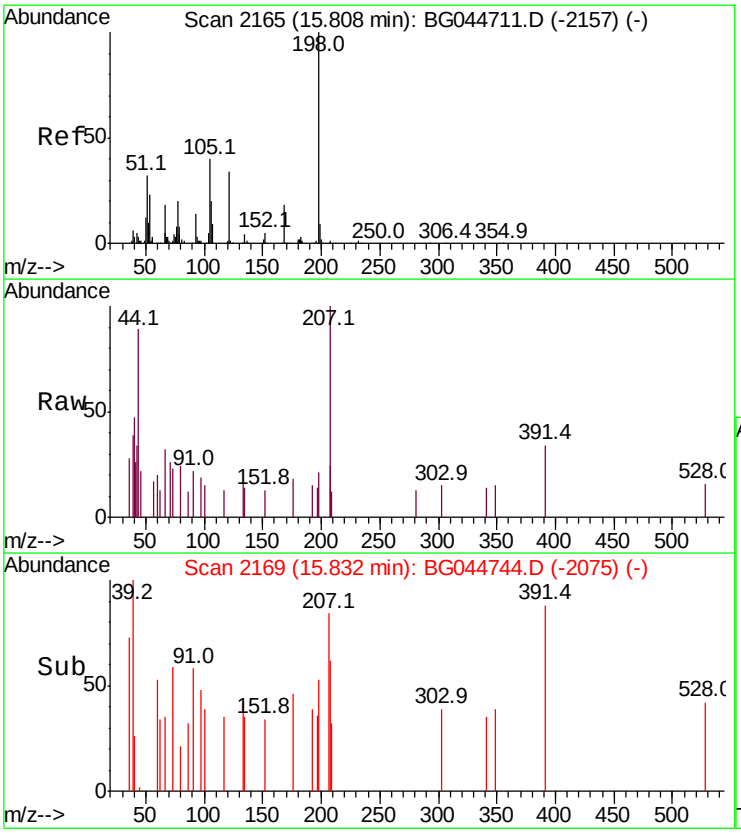
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 657732

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.4	8.4	12.6

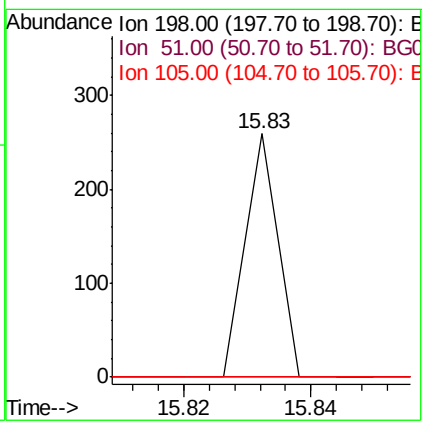


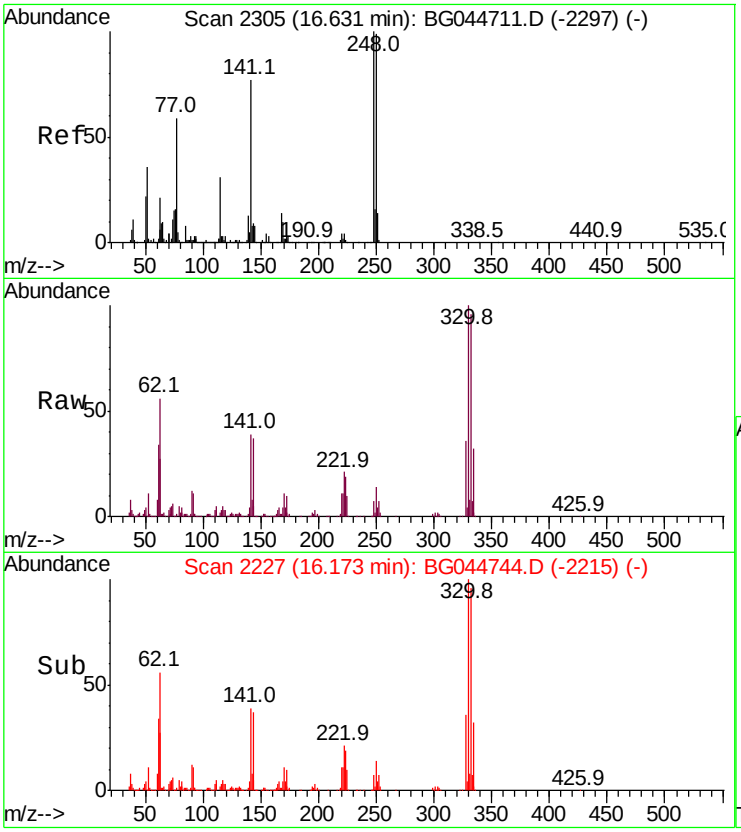


#65
4,6-Dinitro-2-methylphenol
Concen: 7.753 ng
RT: 15.83 min Scan# 2169
Delta R.T. 0.02 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion:198 Resp: 91

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



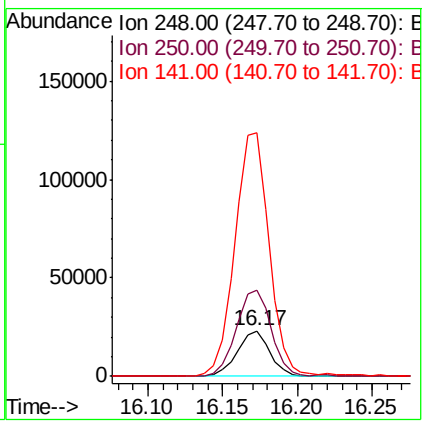


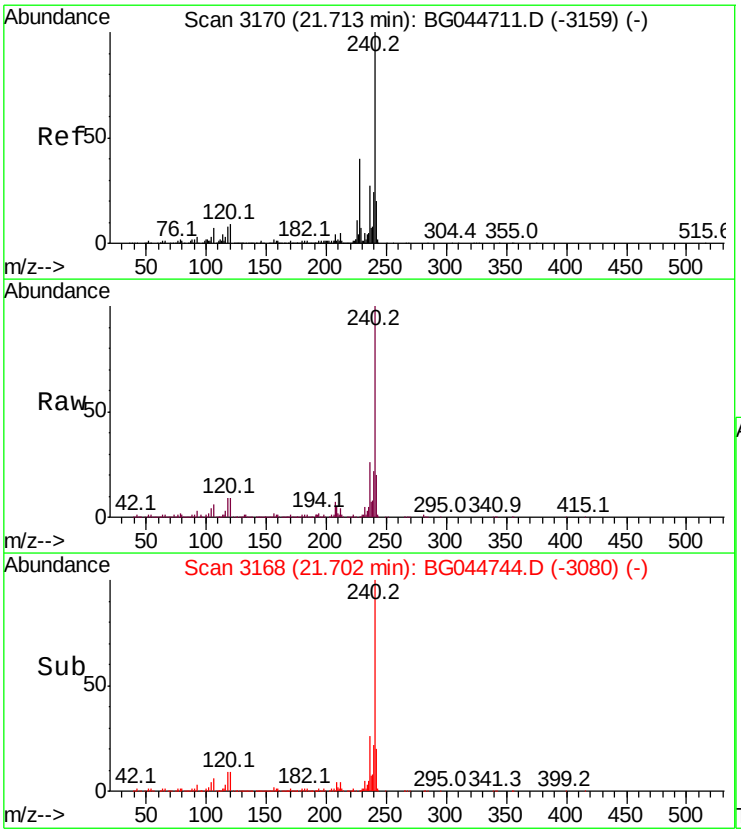
#67
4-Bromophenyl-phenylether
Concen: 4.280 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 35190

Ion	Ratio	Lower	Upper
248	100		
250	187.6	79.4	119.0#
141	532.4	61.7	92.5#

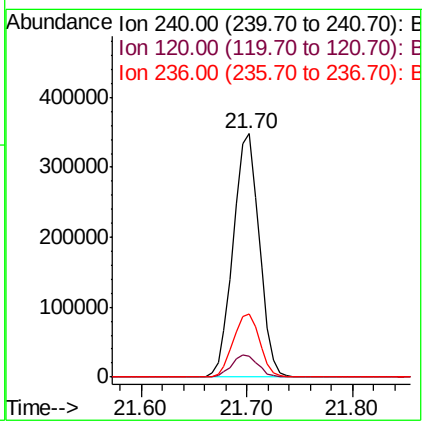


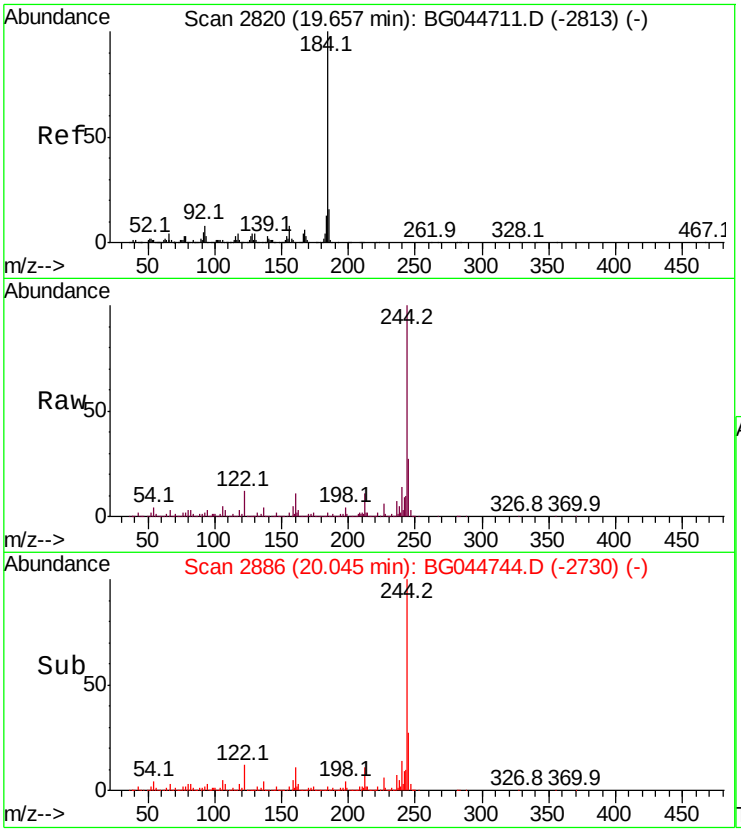


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion:240 Resp: 593160

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	26.1	21.9	32.9



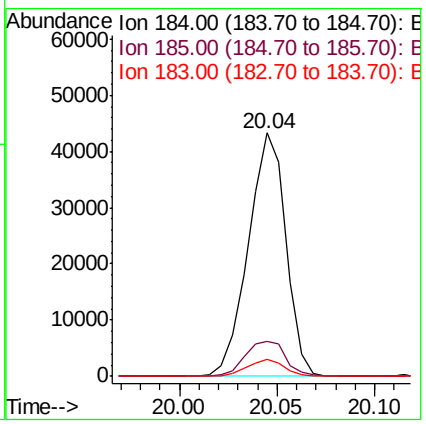


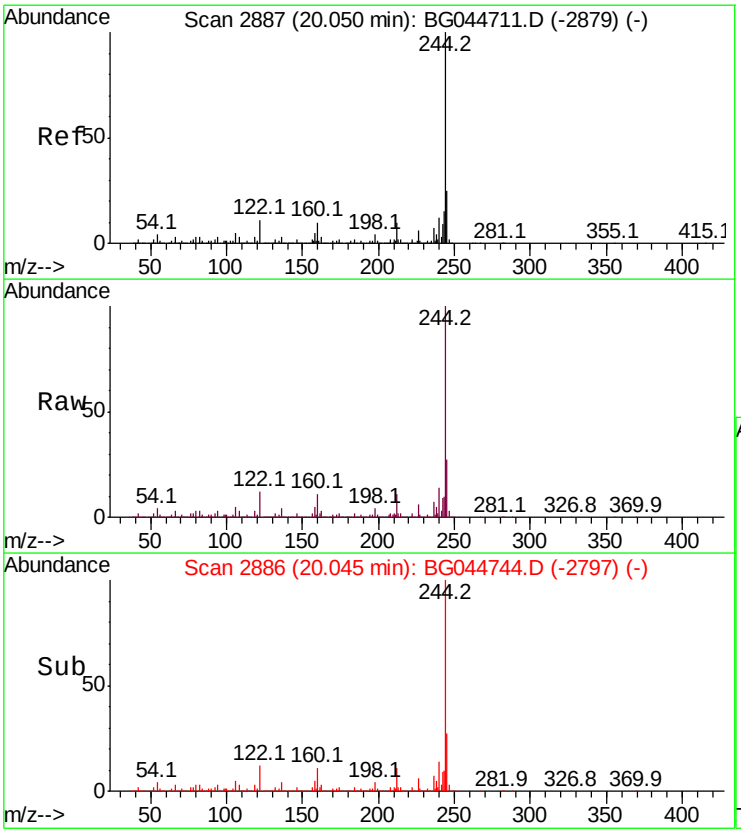
#77
Benzidine
Concen: 2.986 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.39 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 57493

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.9	19.3
183	7.0	10.6	15.8#

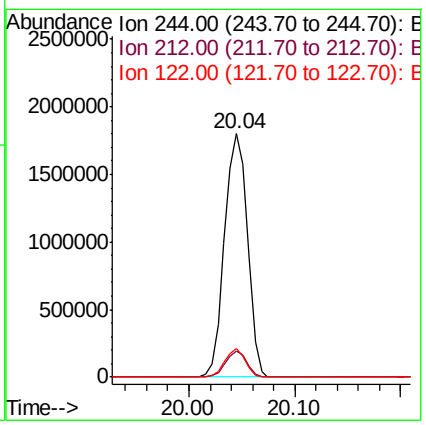


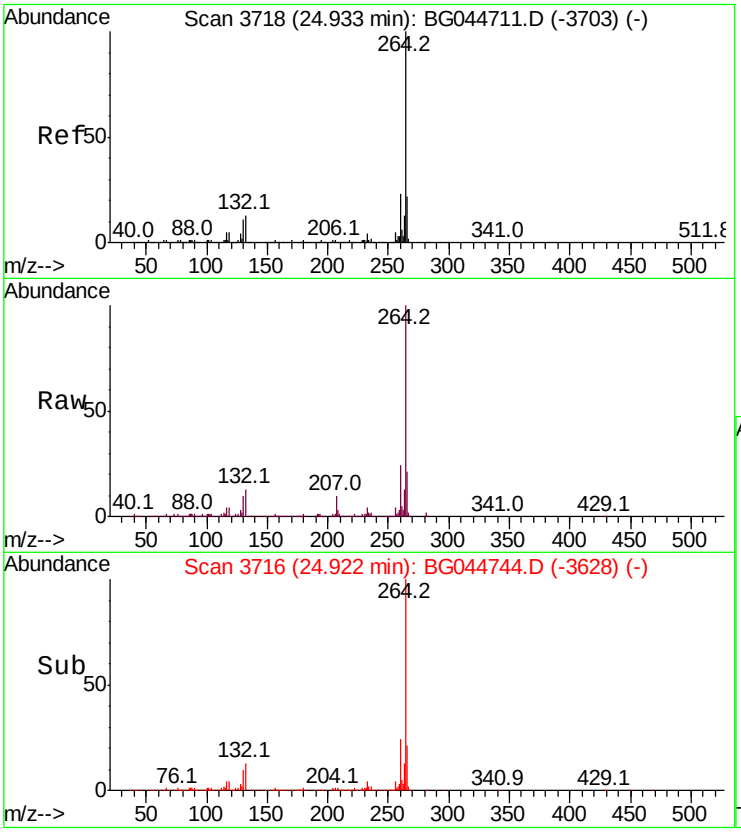


#79
Terphenyl-d14
Concen: 84.813 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044744.D
Acq: 12 Mar 2020 20:49

Tgt Ion:244 Resp: 2689461

Ion	Ratio	Lower	Upper
244	100		
212	10.8	8.4	12.6
122	11.8	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: BG044744.D
Acq: 12 Mar 2020 20:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 661270

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	20.8	17.4	26.2