Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044758.D
Acq On : 13 Mar 2020 6:44
Operator : CG/JU
Sample : L1824-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 07:49:14 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	95295	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	391227	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	273856	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	593342	20.00	ng		0.00
76) Chrysene-d12	21.70	240	550626	20.00	ng		-0.02
87) Perylene-d12	24.92	264	624174	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	323665	52.87	ng		0.00
7) Phenol-d6	7.20	99	281038	31.60	ng		-0.01
23) Nitrobenzene-d5	9.21	82	761823	85.45	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	449263	125.29	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1597724	83.55	ng		0.00
79) Terphenyl-d14	20.05	244	2326949	79.05	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.18	77	900	Below Cal		#	31
10) Phenol	7.23	94	19003	2.158	ng		95
19) n-Nitroso-di-n-propylamine	9.21	70	103909	16.545	ng	#	78
26) 2-Nitrophenol	9.96	139	121	5.549	ng	#	28
32) Benzoic acid	10.06	122	77	9.684	ng	#	23
50) Dimethylphthalate	14.13	163	96649	4.431	ng		99
51) 2,6-Dinitrotoluene	14.68	165	34711	7.895	ng	#	20
54) 2,4-Dinitrophenol	14.96	184	55	8.344	ng	#	2
57) 2,4-Dinitrotoluene	14.68	165	34711	5.757	ng	#	17
65) 4,6-Dinitro-2-methylphenol	15.61	198	110	7.761	ng	#	59
67) 4-Bromophenyl-phenylether	16.17	248	30888	4.164	ng	#	1
77) Benzidine	20.05	184	46790	2.618	ng	#	91

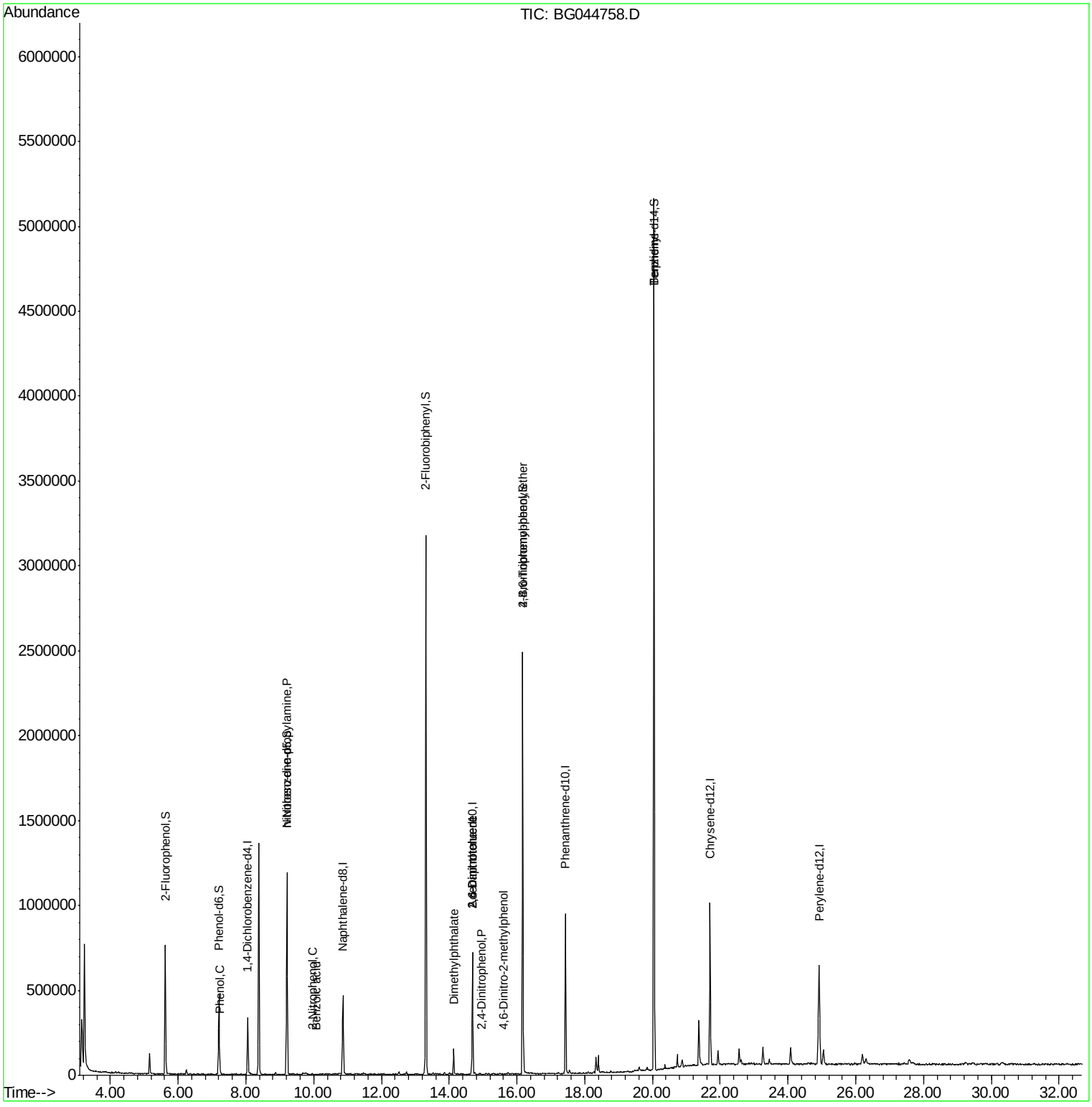
(#) = qualifier out of range (m) = manual integration (+) = signals summed

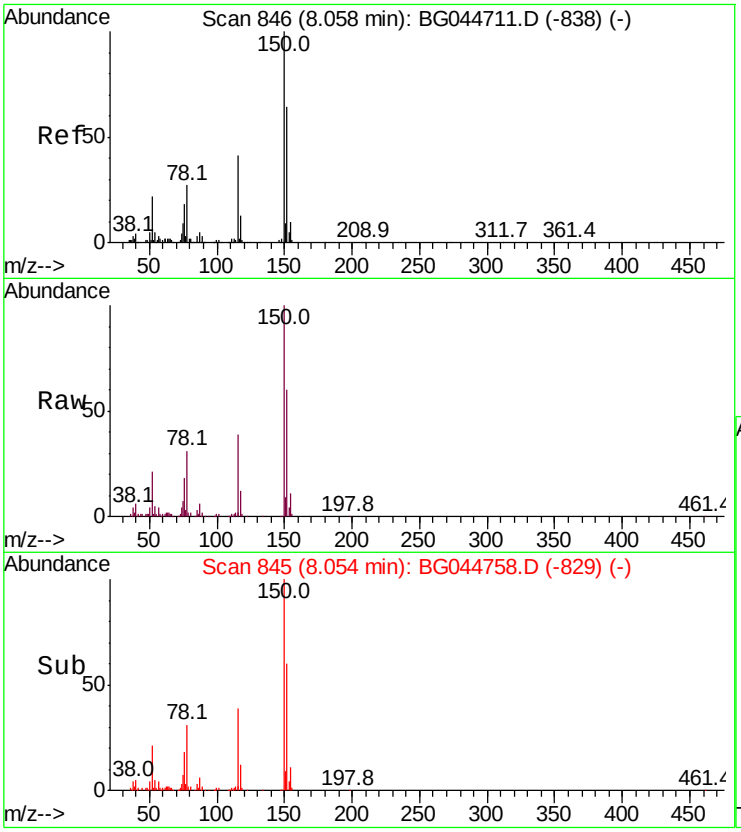
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044758.D
Acq On : 13 Mar 2020 6:44
Operator : CG/JU
Sample : L1824-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 07:49:14 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



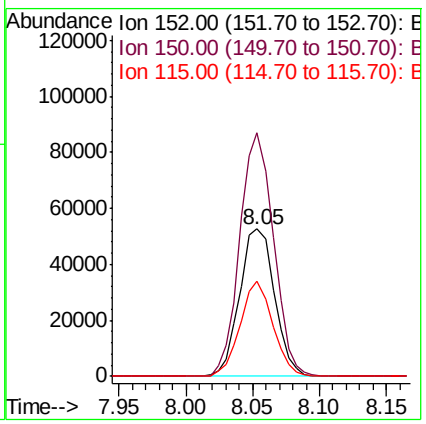


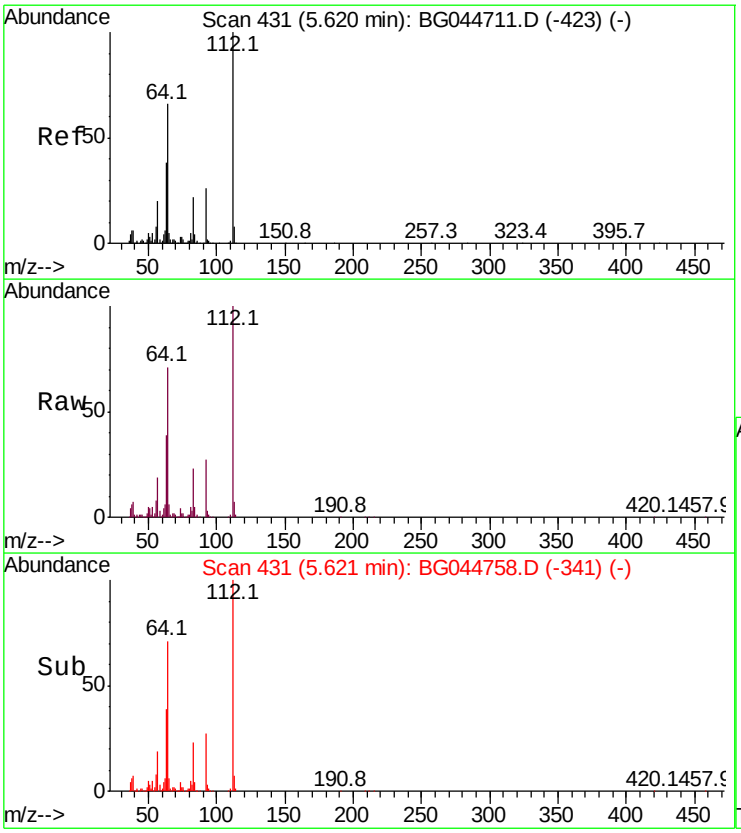
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 95295

Ion	Ratio	Lower	Upper
152	100		
150	165.5	125.3	187.9
115	64.4	51.7	77.5

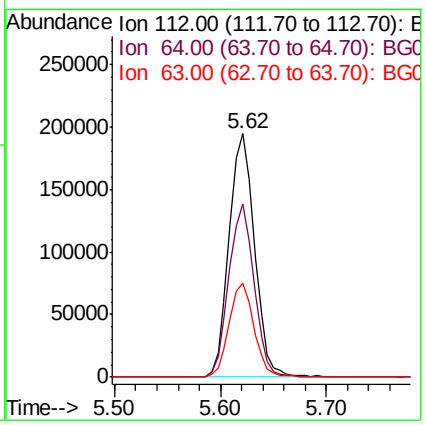


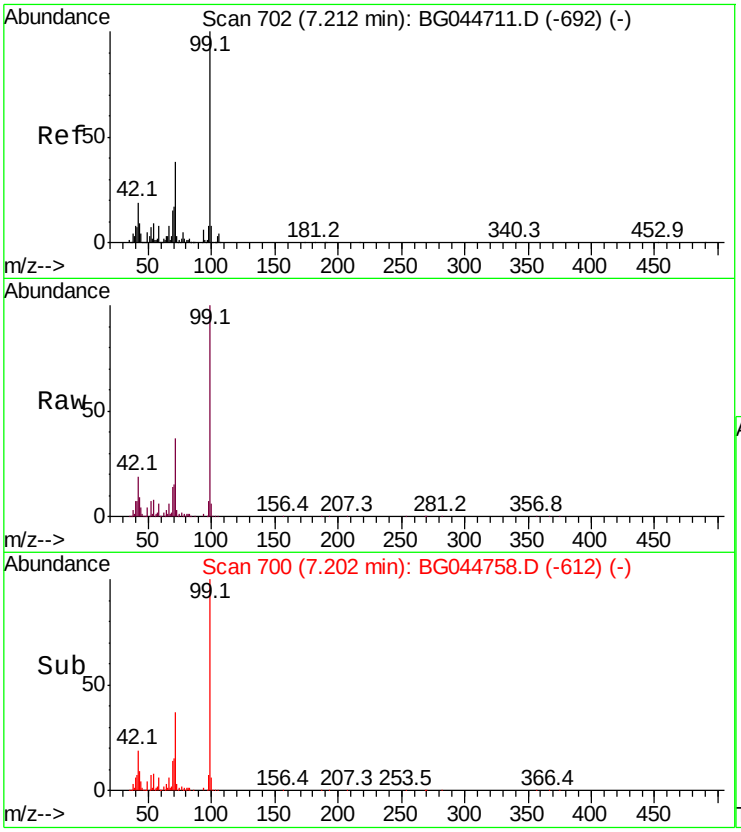


#5
2-Fluorophenol
Concen: 52.872 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:112 Resp: 323665

Ion	Ratio	Lower	Upper
112	100		
64	71.1	52.6	78.8
63	38.8	30.2	45.4



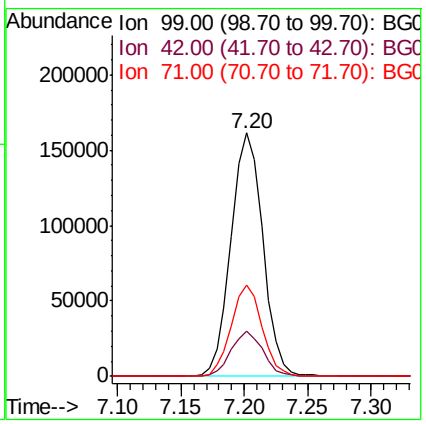


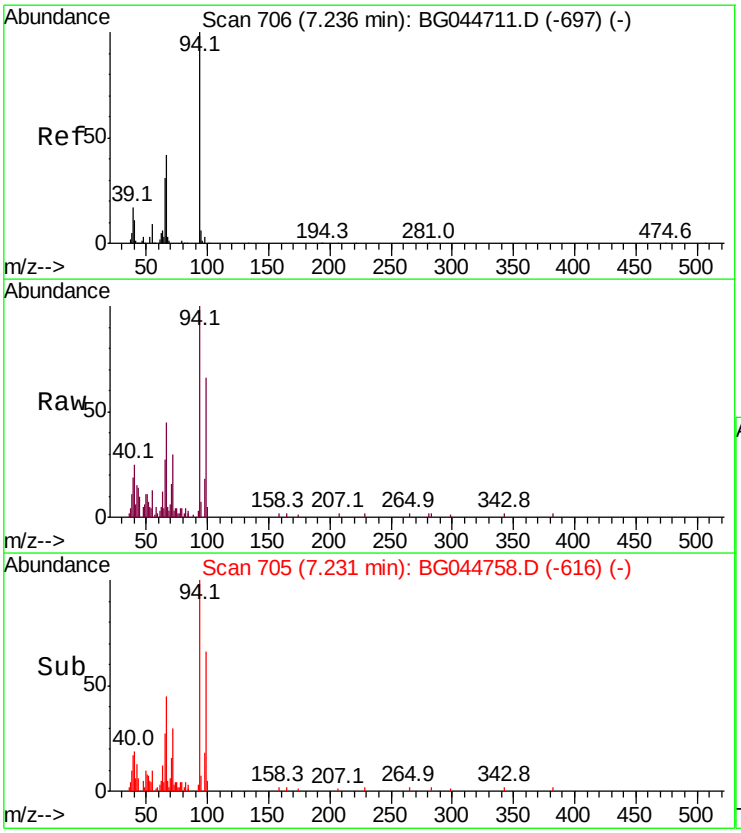
#7
Phenol-d6
Concen: 31.598 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 281038

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.4	23.0
71	37.4	30.2	45.4

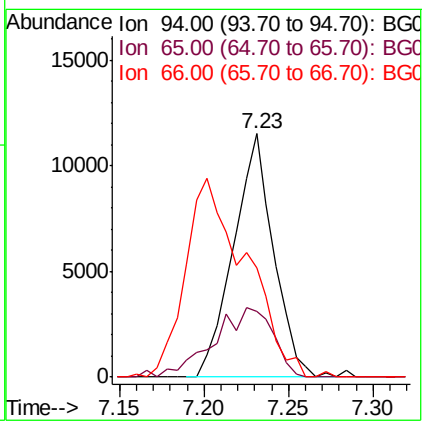


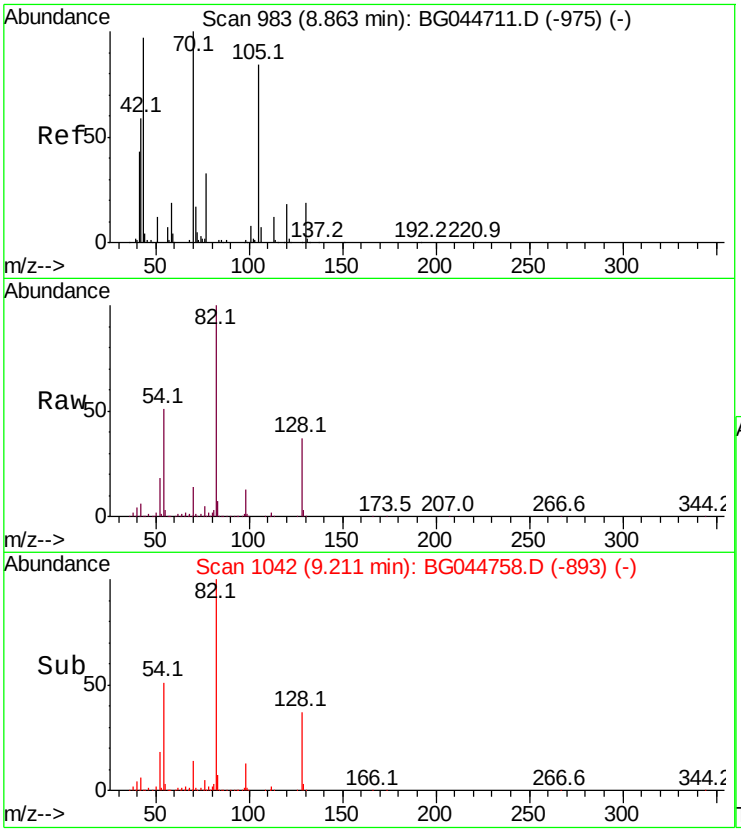


#10
Phenol
Concen: 2.158 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion: 94 Resp: 19003

Ion	Ratio	Lower	Upper
94	100		
65	27.0	11.3	51.3
66	45.0	22.9	62.9



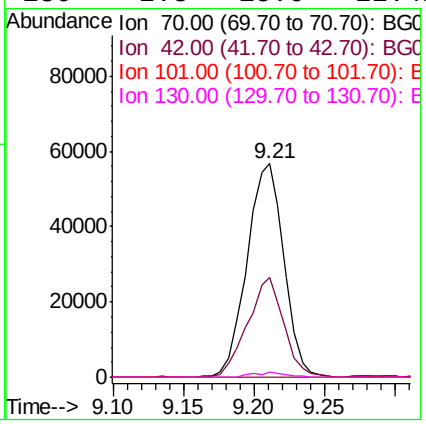


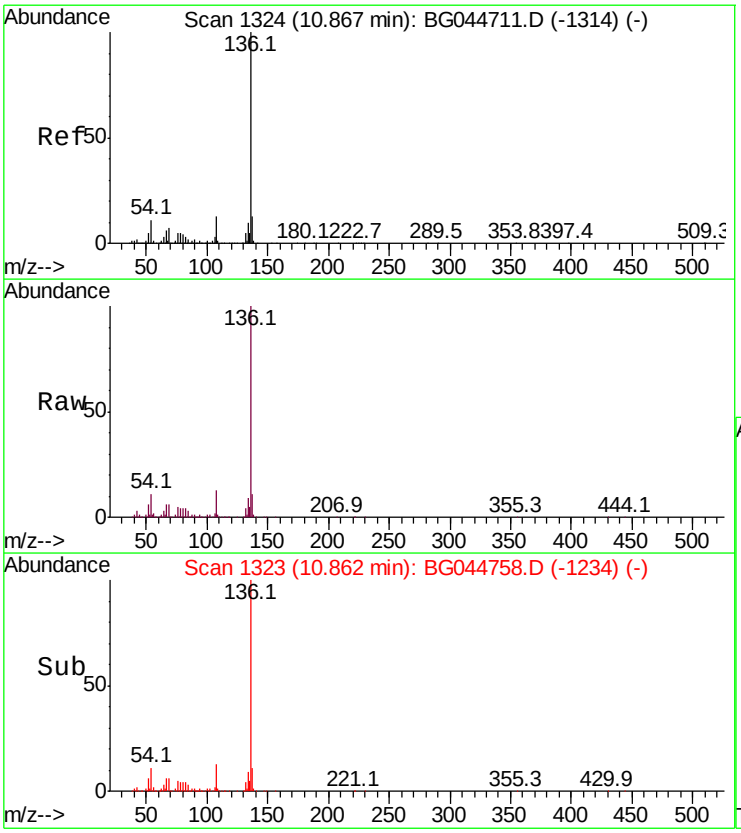
#19
n-Nitroso-di-n-propylamine
Concen: 16.545 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 103909

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.6	71.4#
101	0.0	6.5	9.7#
130	2.3	15.0	22.4#

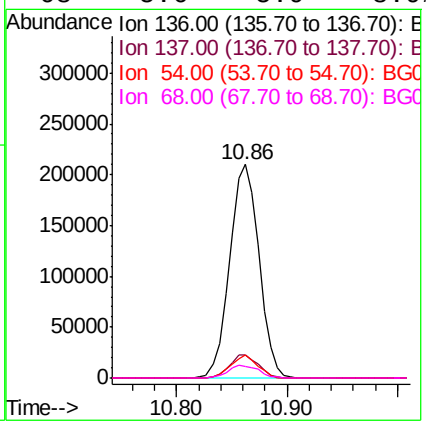


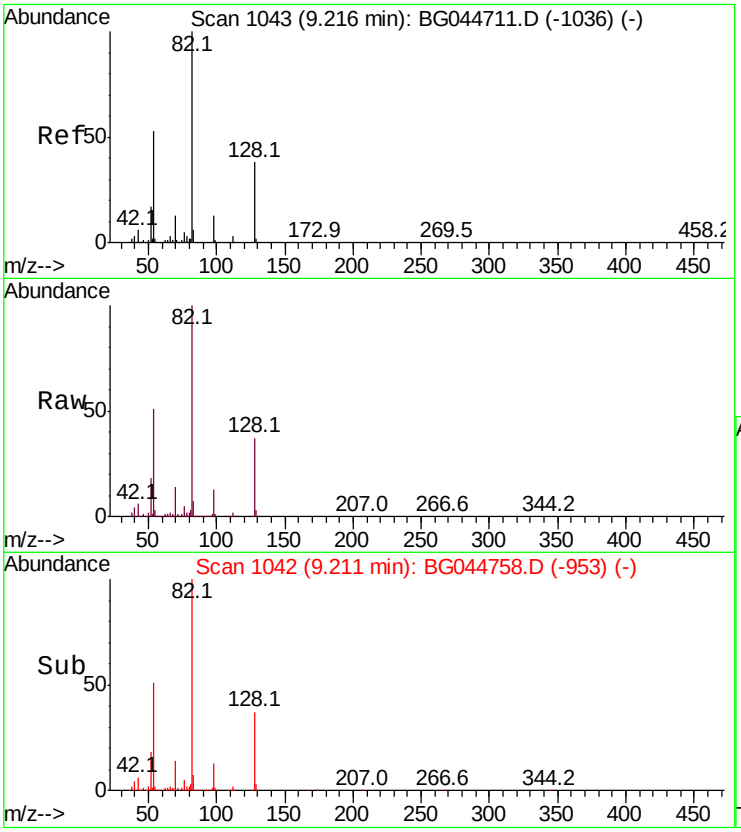


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:136 Resp: 391227

Ion	Ratio	Lower	Upper
136	100		
137	10.9	10.7	16.1
54	10.8	9.0	13.4
68	5.6	5.9	8.9#



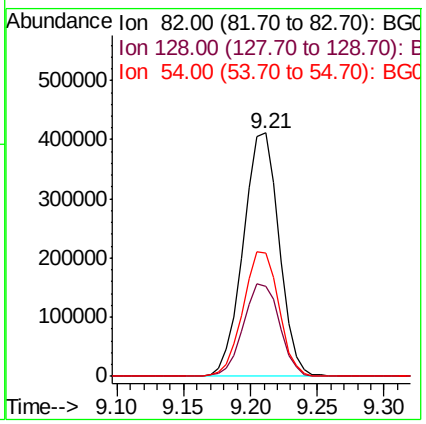


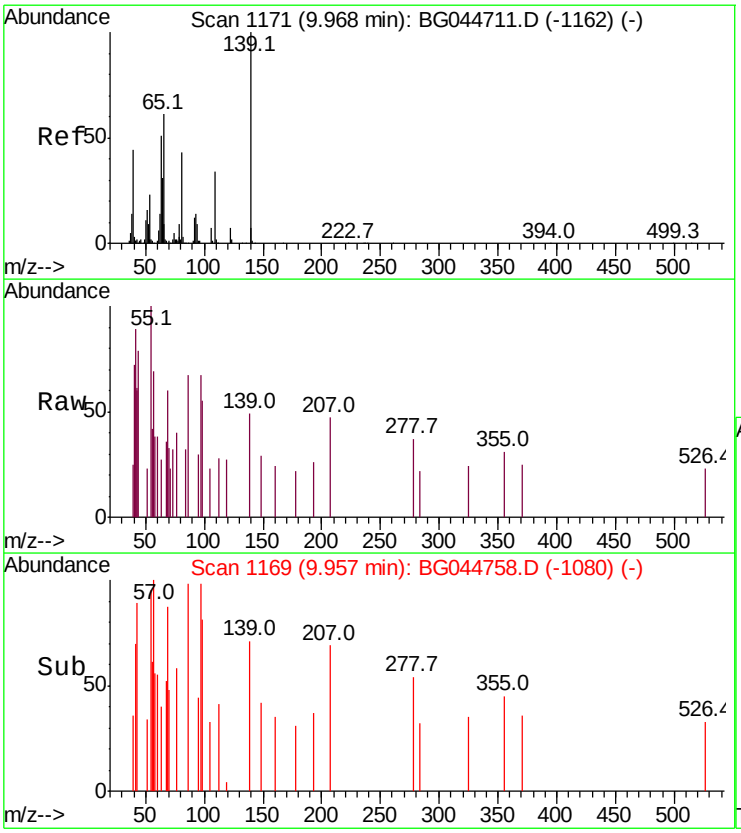
#23
Nitrobenzene-d5
Concen: 85.449 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 761823

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.2	45.2
54	50.8	41.8	62.8

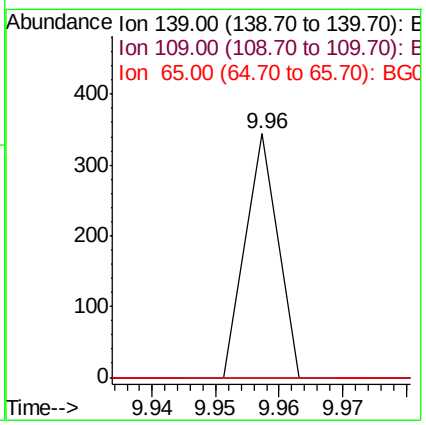


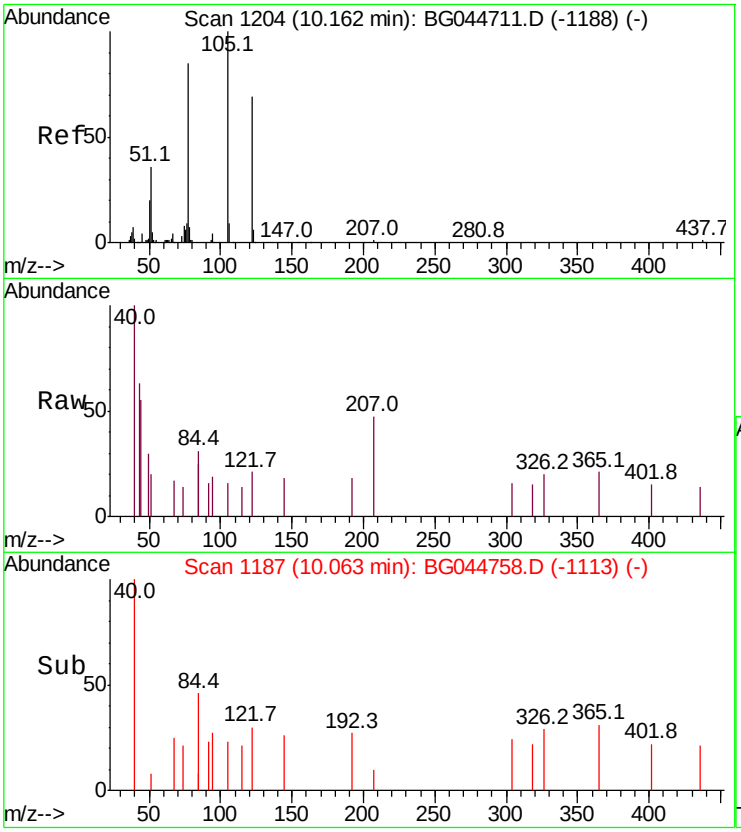


#26
2-Nitrophenol
Concen: 5.549 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:139 Resp: 121

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



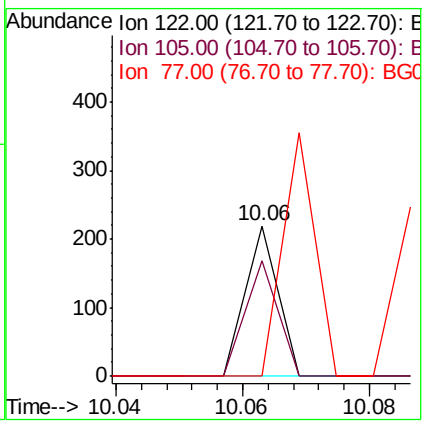


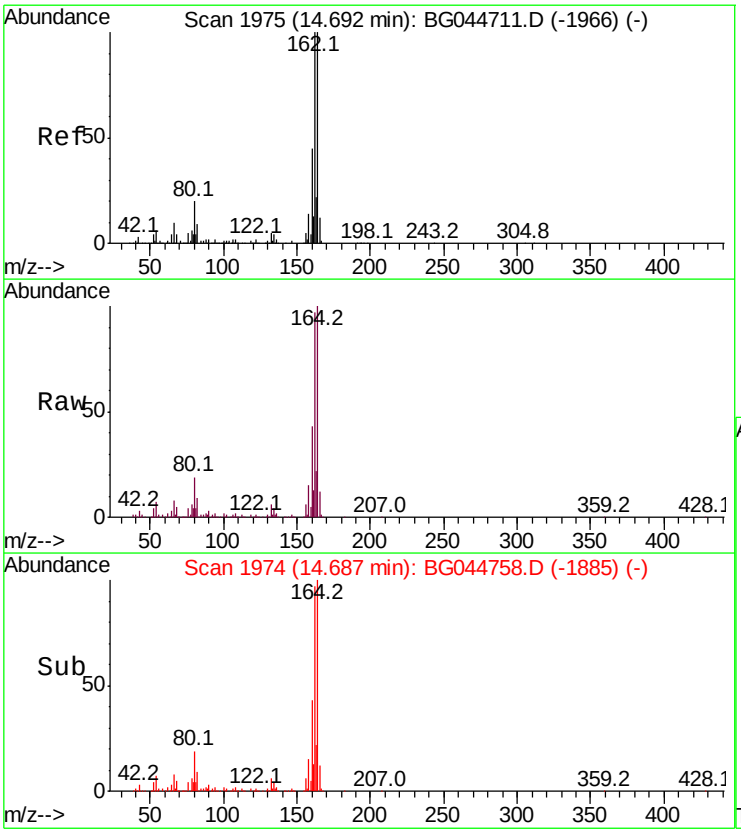
#32
Benzoic acid
Concen: 9.684 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.10 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 77

Ion	Ratio	Lower	Upper
122	100		
105	76.7	119.0	159.0#
77	0.0	96.4	136.4#

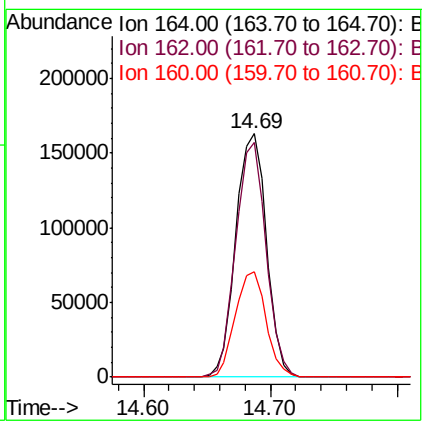


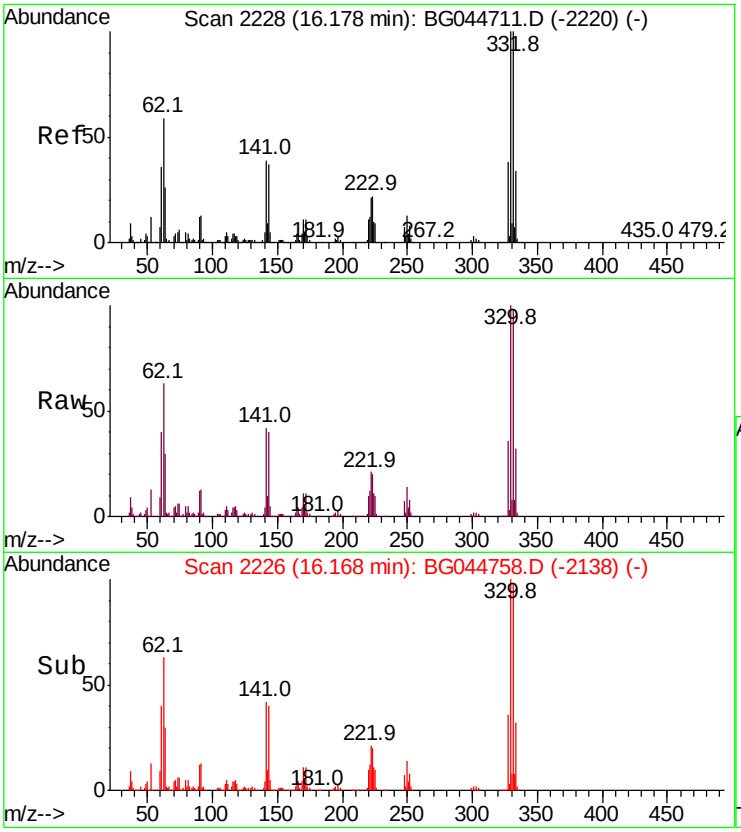


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:164 Resp: 273856

Ion	Ratio	Lower	Upper
164	100		
162	96.5	80.2	120.4
160	43.0	36.2	54.2



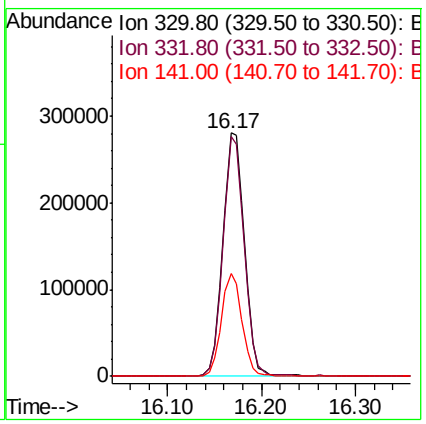


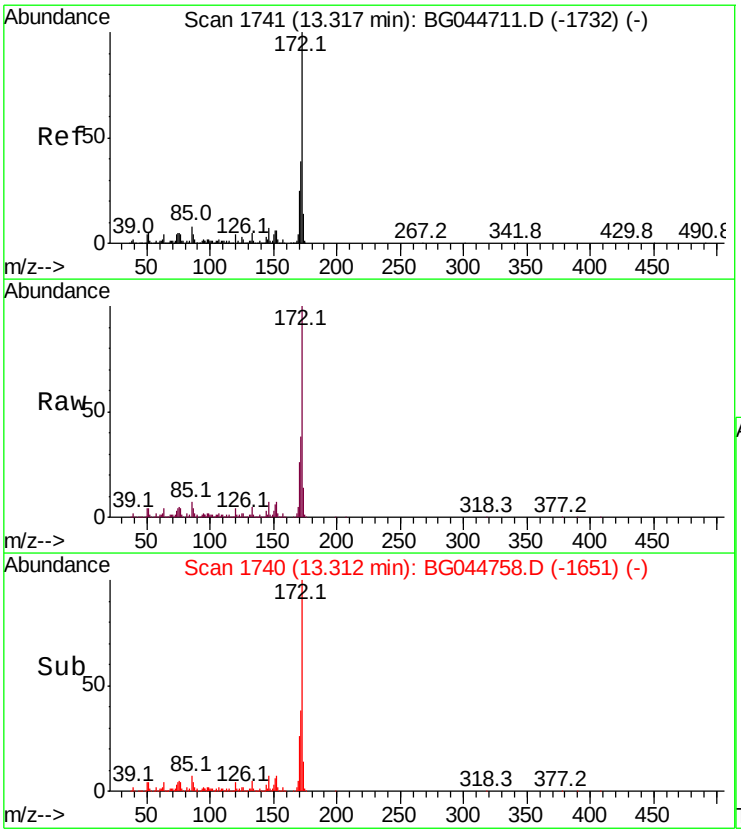
#42
2,4,6-Tribromophenol
Concen: 125.292 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 449263

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	40.7	31.7	47.5

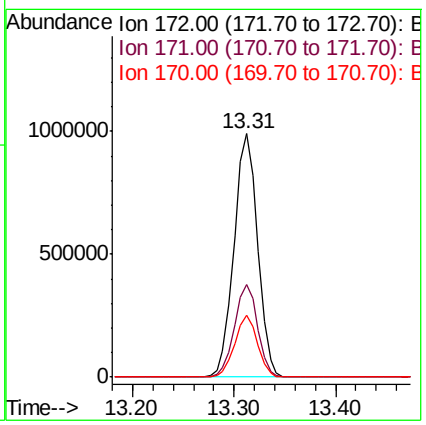


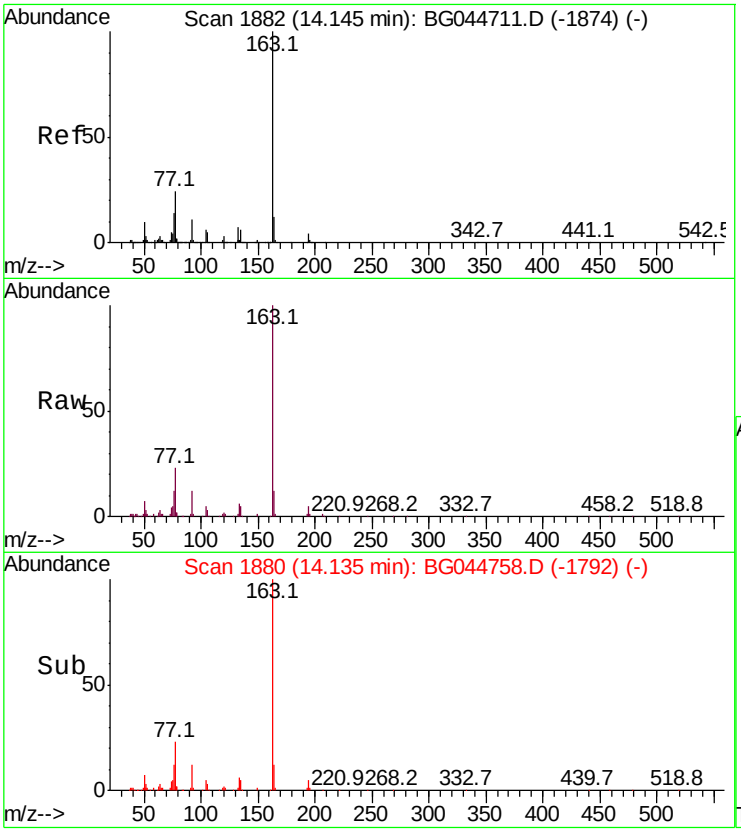


#45
2-Fluorobiphenyl
Concen: 83.547 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:172 Resp: 1597724

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.6	20.0	30.0



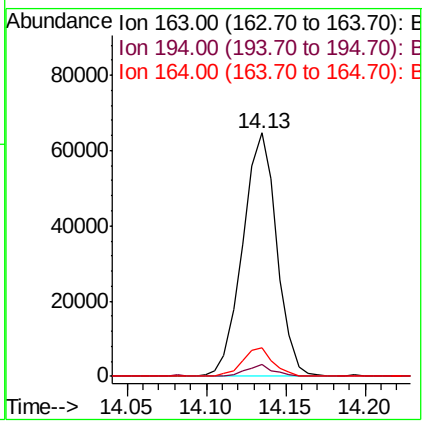


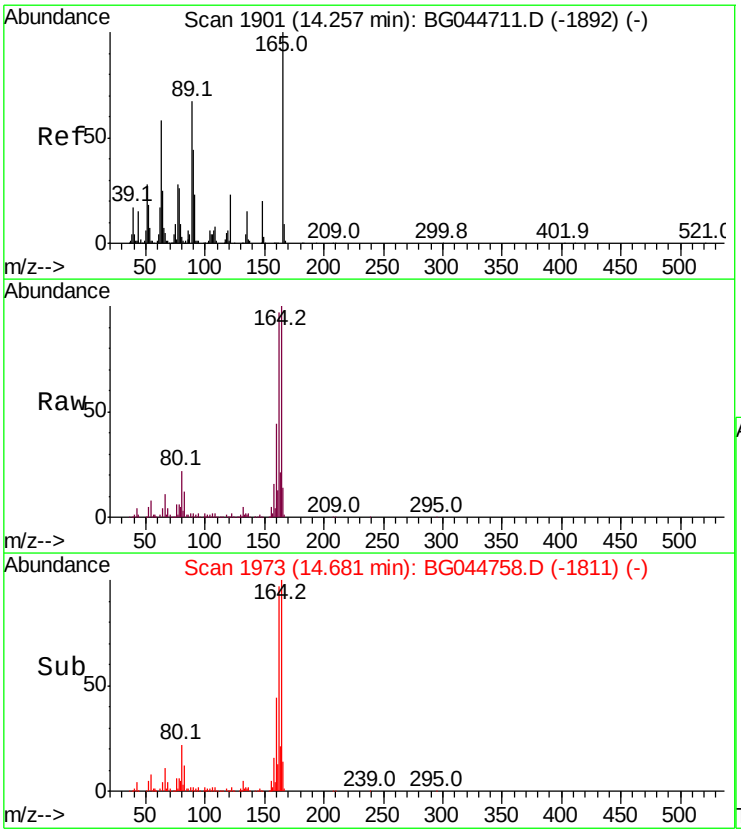
#50
Dimethylphthalate
Concen: 4.431 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 96649

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	11.5	9.2	13.8

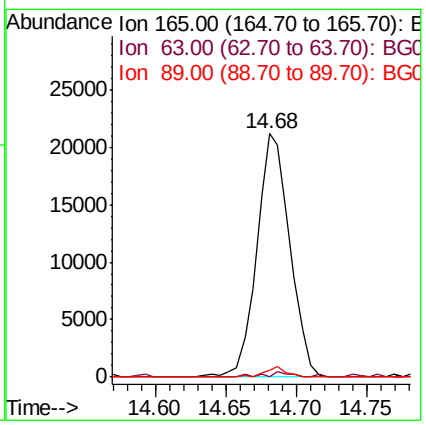


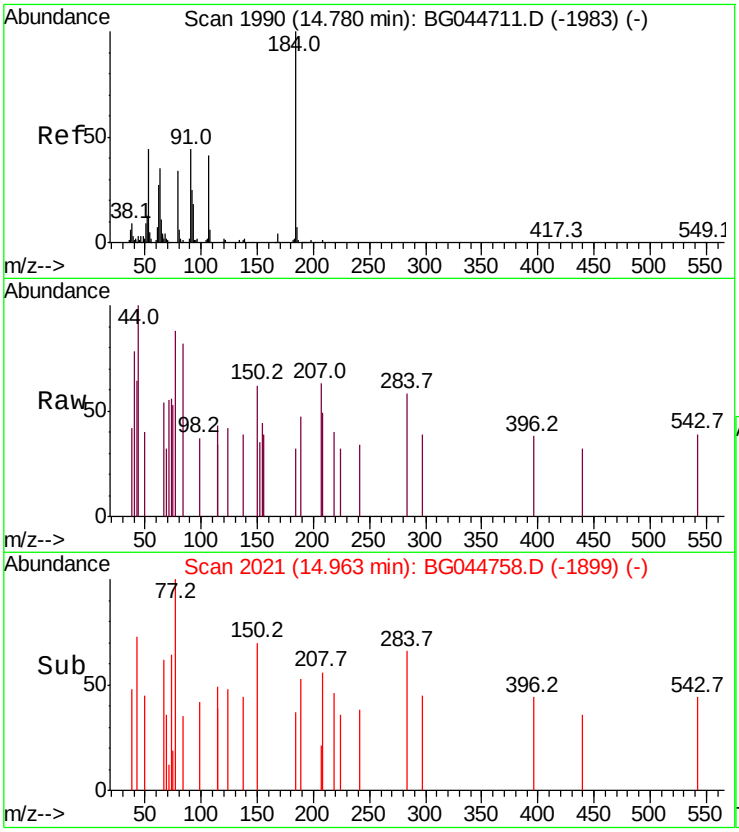


#51
2,6-Dinitrotoluene
Concen: 7.895 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.42 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:165 Resp: 34711

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.6	53.8	80.8#



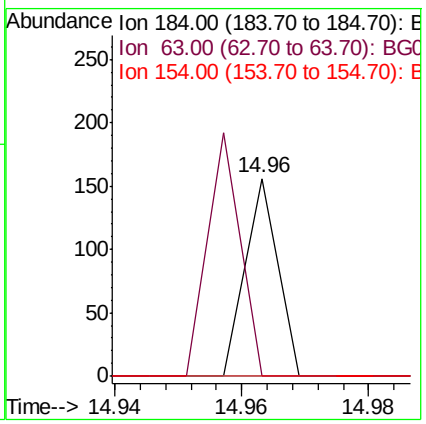


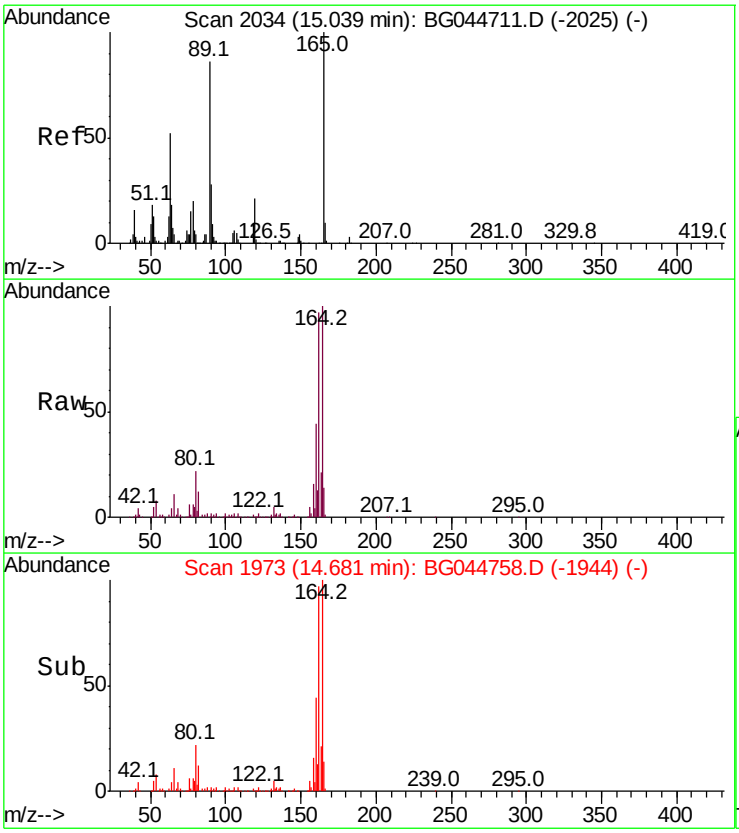
#54
2,4-Dinitrophenol
Concen: 8.344 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.18 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 55

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

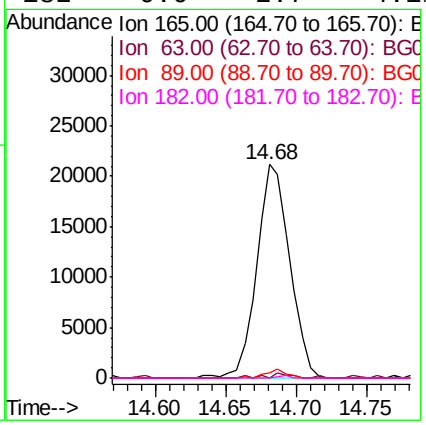


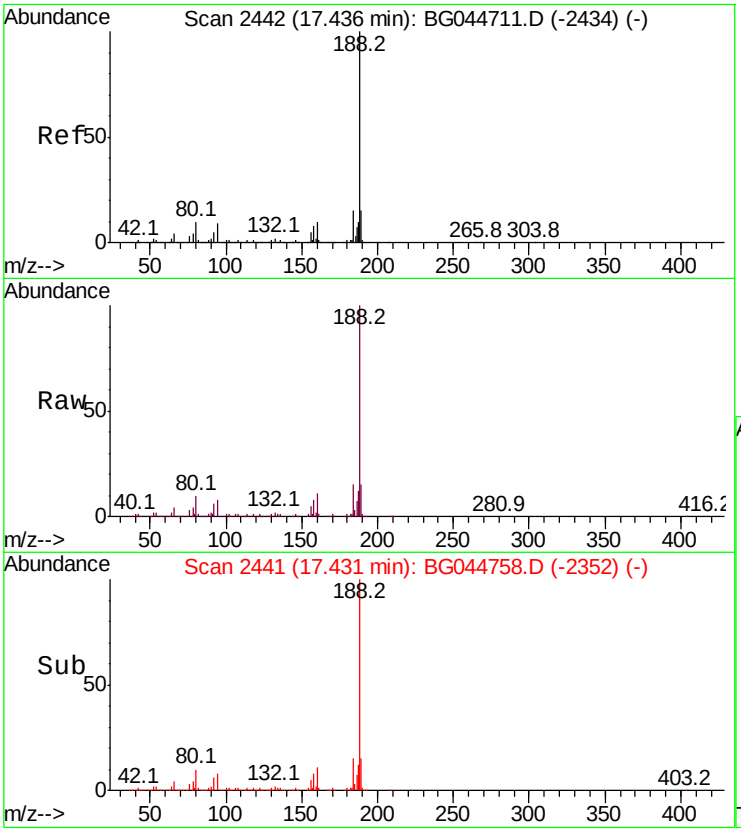


#57
2,4-Dinitrotoluene
Concen: 5.757 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.36 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:165 Resp: 34711

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



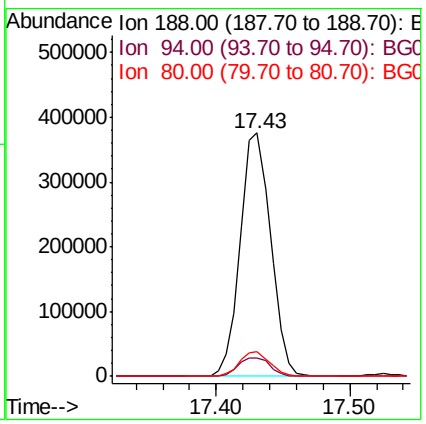


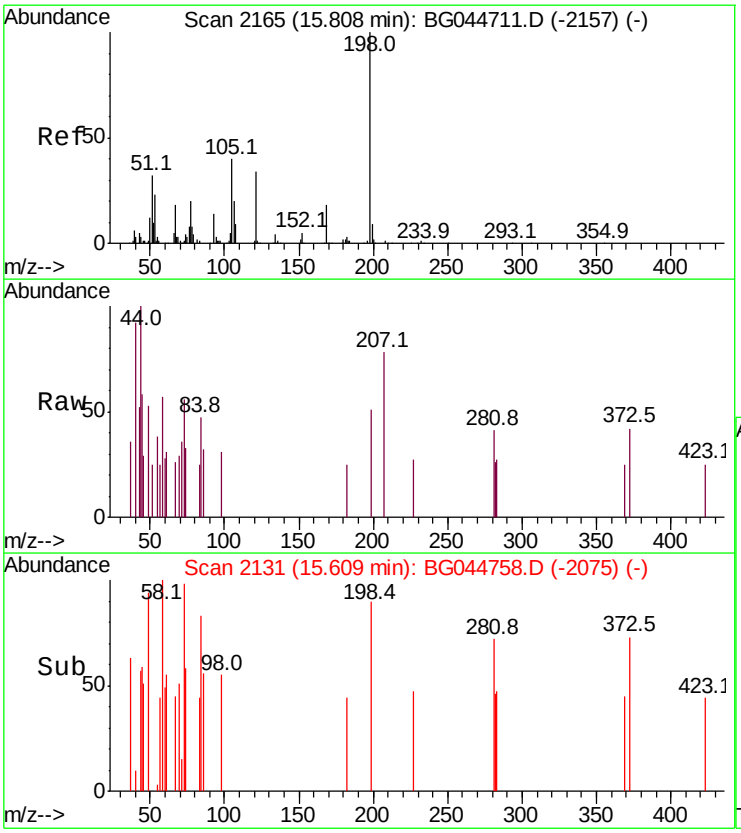
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 593342

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.6
80	10.2	8.4	12.6

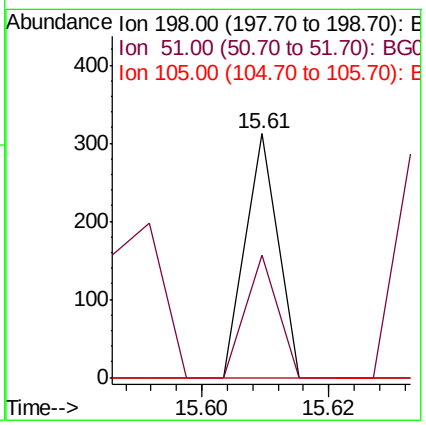


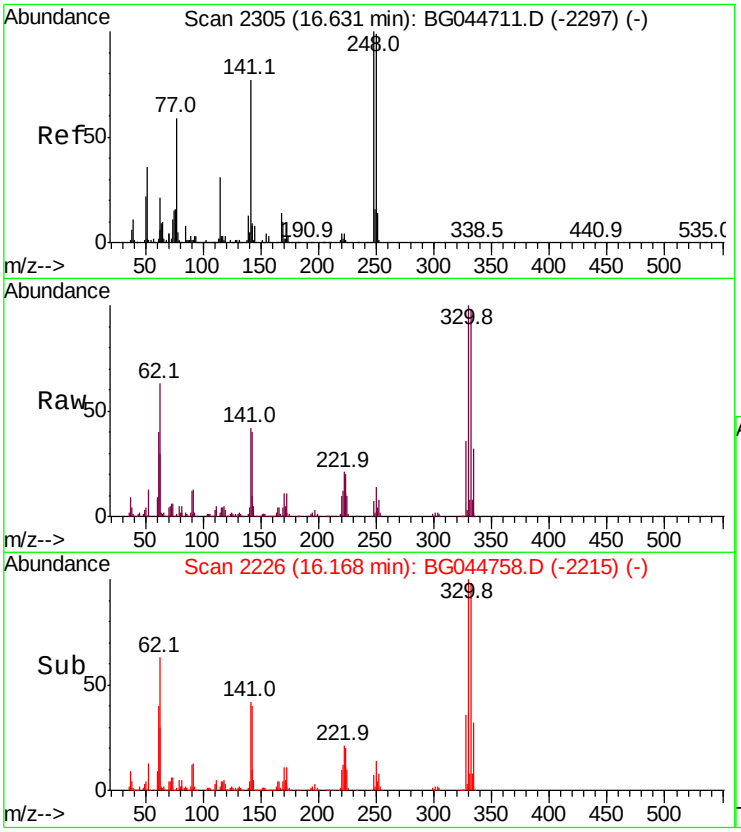


#65
4,6-Dinitro-2-methylphenol
Concen: 7.761 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.20 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:198 Resp: 110

Ion	Ratio	Lower	Upper
198	100		
51	50.0	20.1	60.1
105	0.0	21.3	61.3#



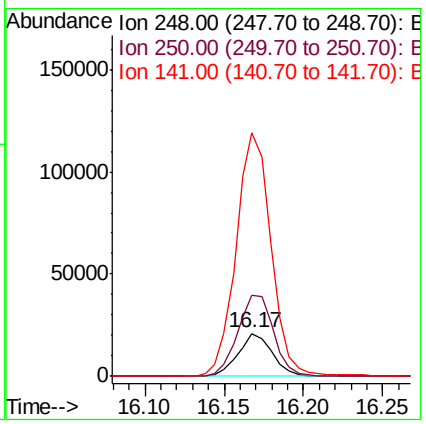


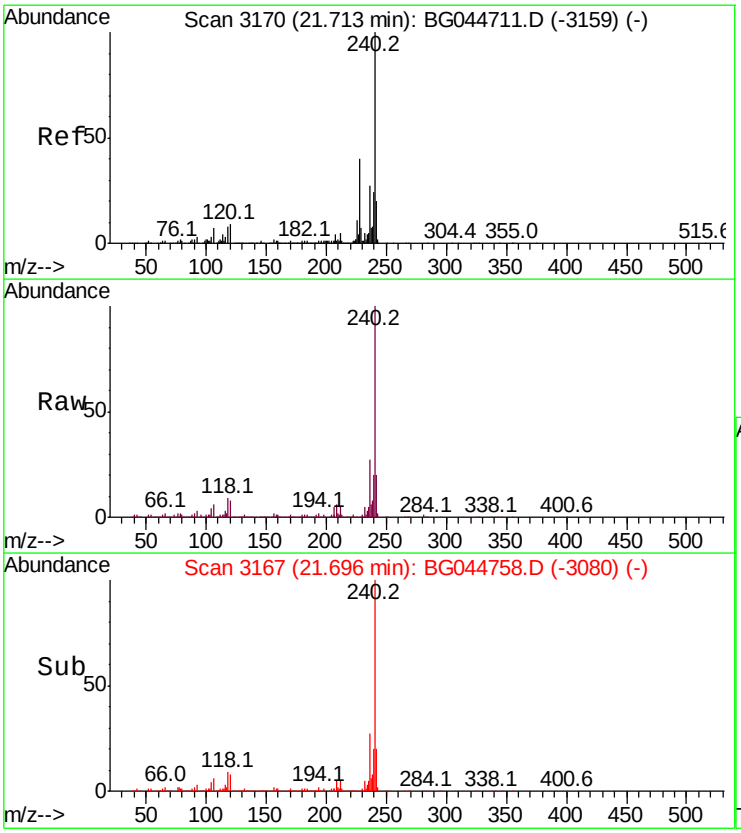
#67
4-Bromophenyl-phenylether
Concen: 4.164 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 30888

Ion	Ratio	Lower	Upper
248	100		
250	189.3	79.4	119.0#
141	569.1	61.7	92.5#

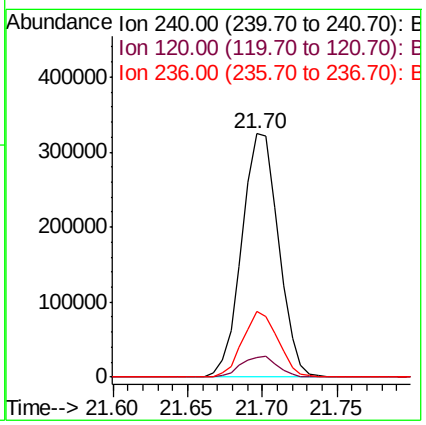


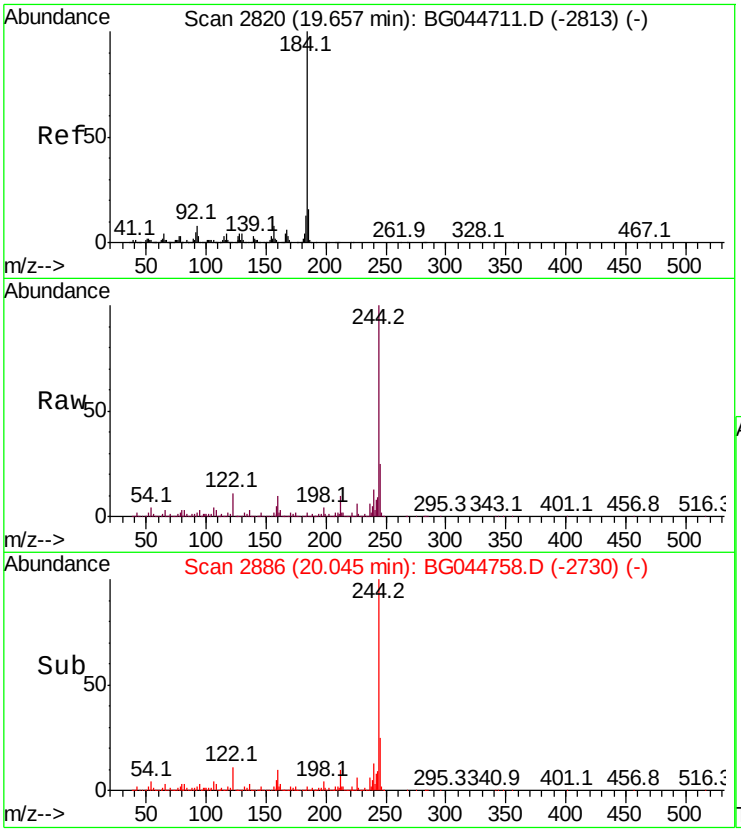


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:240 Resp: 550626

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	27.2	21.9	32.9



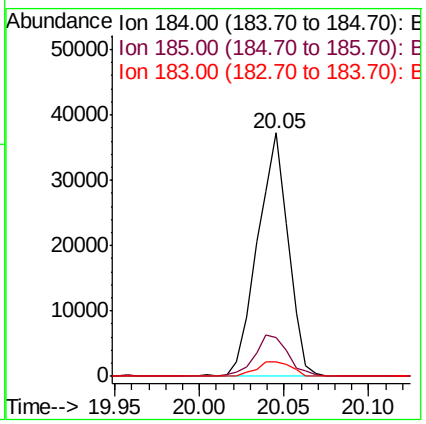


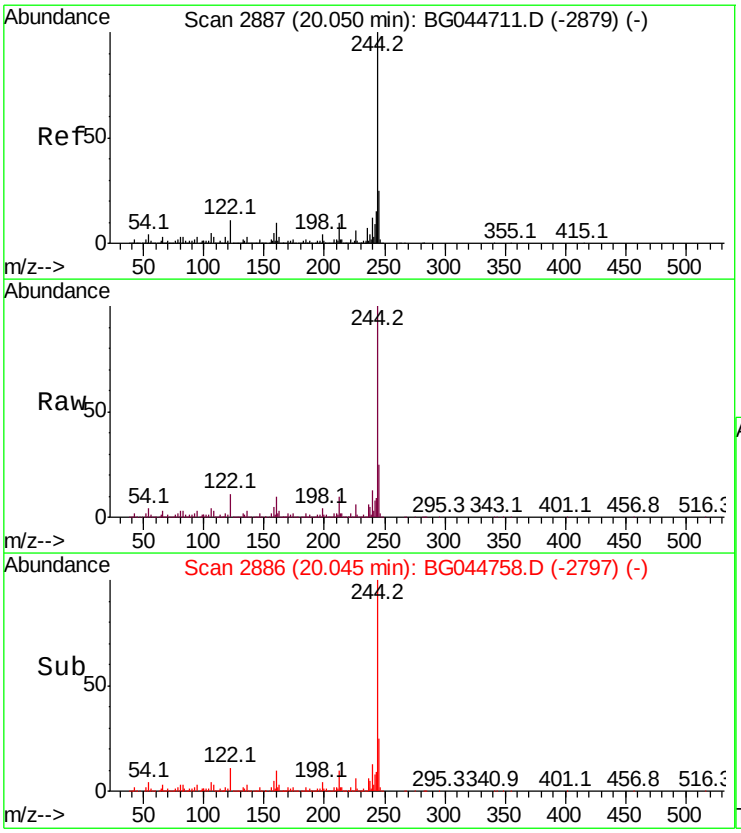
#77
Benzidine
Concen: 2.618 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.39 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 46790

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.9	19.3
183	5.7	10.6	15.8#

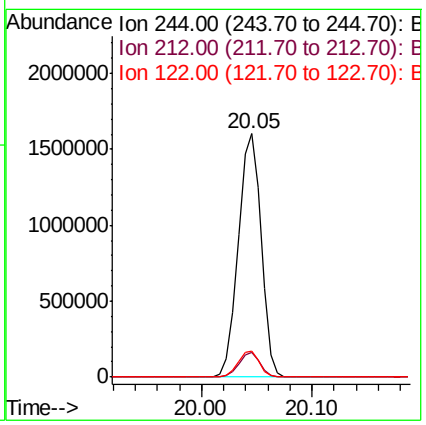


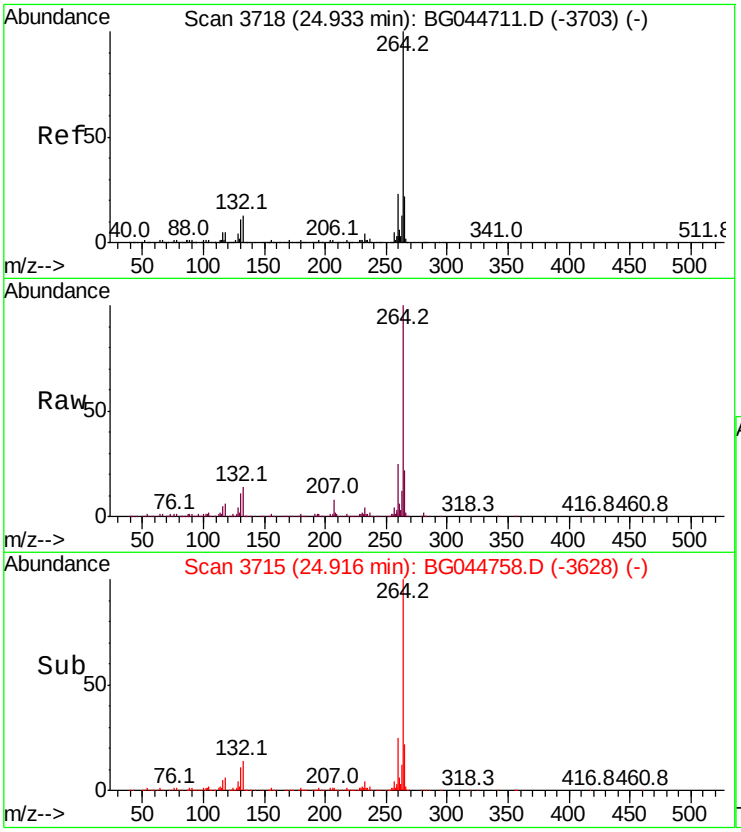


#79
Terphenyl-d14
Concen: 79.050 ng
RT: 20.05 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG044758.D
Acq: 13 Mar 2020 6:44

Tgt Ion:244 Resp: 2326949

Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.4	12.6
122	10.7	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: BG044758.D
Acq: 13 Mar 2020 6:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 624174

Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	21.8	17.4	26.2