Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044772.D
Acq On : 13 Mar 2020 18:16
Operator : CG/JU
Sample : L1912-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 23:05:34 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	115040	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	477705	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	327069	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	685114	20.00	ng	0.00
76) Chrysene-d12	21.70	240	528609	20.00	ng	-0.01
87) Perylene-d12	24.93	264	607201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	713346	96.53	ng	0.00
7) Phenol-d6	7.21	99	1050026	97.79	ng	0.00
23) Nitrobenzene-d5	9.21	82	702853	64.56	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	430962	100.63	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1459801	63.92	ng	0.00
79) Terphenyl-d14	20.04	244	1900275	67.24	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.20	77	2088	Below Cal	#	14
19) n-Nitroso-di-n-propylamine	9.21	70	94285	12.436	ng	# 75
26) 2-Nitrophenol	9.96	139	62	5.529	ng	# 28
32) Benzoic acid	10.16	122	62	9.679	ng	# 1
50) Dimethylphthalate	14.13	163	145112	5.571	ng	100
54) 2,4-Dinitrophenol	14.83	184	60	8.342	ng	# 2
57) 2,4-Dinitrotoluene	14.69	165	45678	6.343	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.91	198	72	7.747	ng	# 35
67) 4-Bromophenyl-phenylether	16.17	248	31009	3.620	ng	# 1
77) Benzidine	20.04	184	38408	2.238	ng	# 90

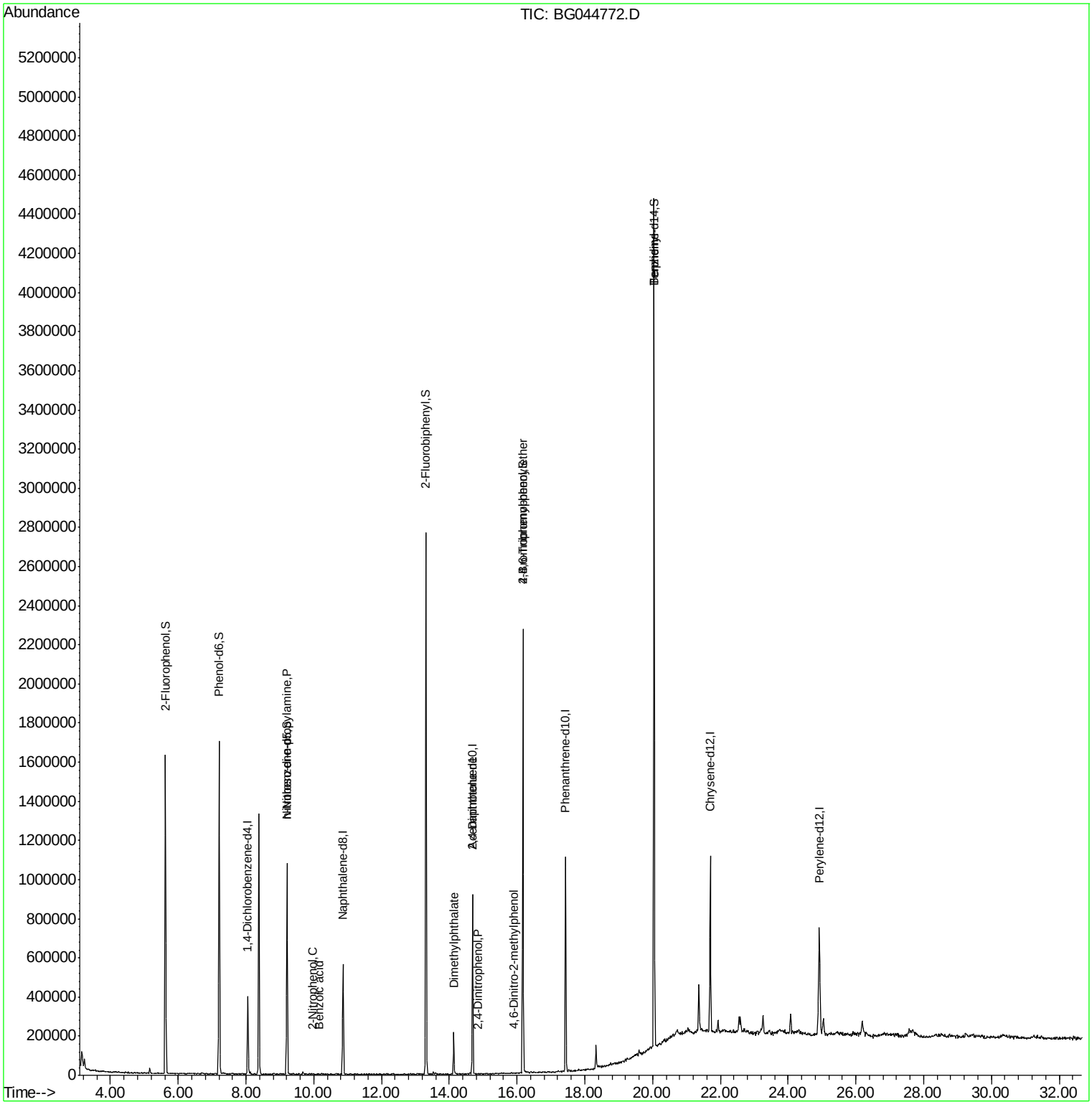
(#) = qualifier out of range (m) = manual integration (+) = signals summed

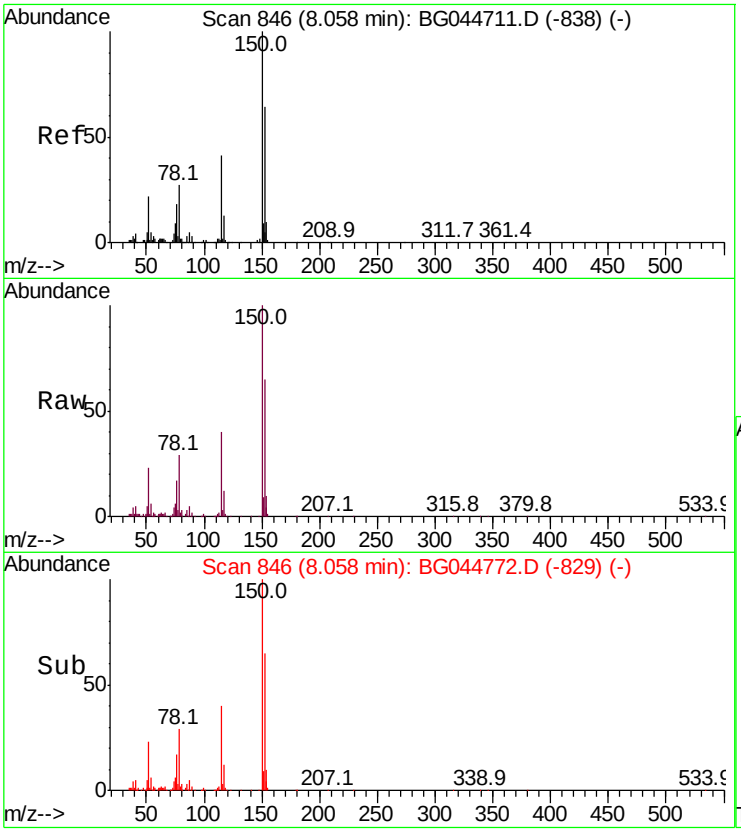
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044772.D
Acq On : 13 Mar 2020 18:16
Operator : CG/JU
Sample : L1912-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 23:05:34 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



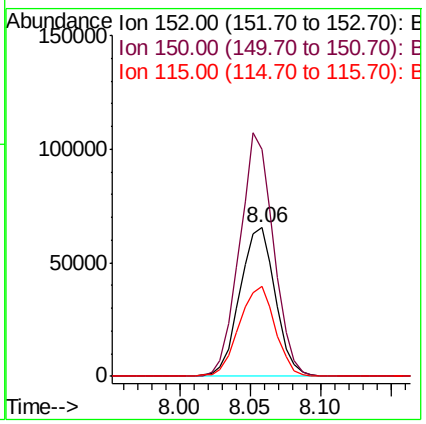


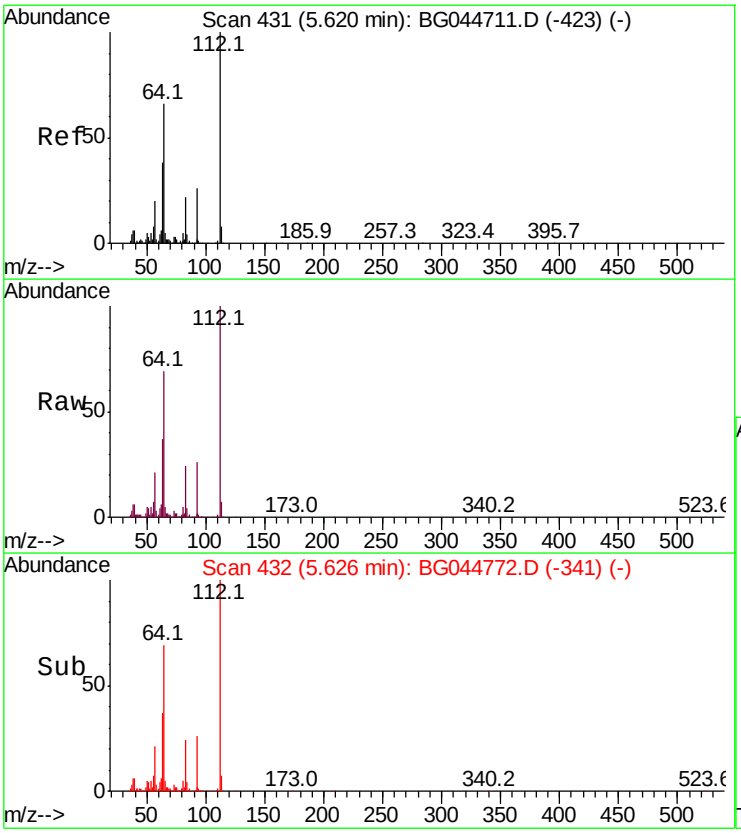
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 115040

Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.3	187.9
115	60.8	51.7	77.5

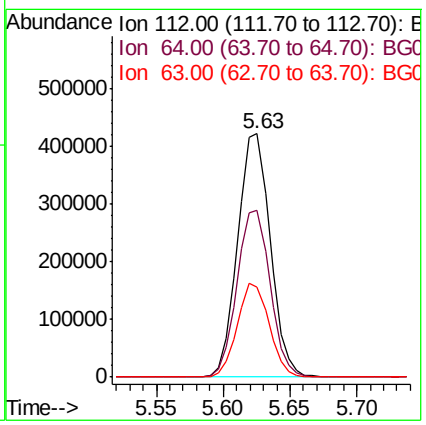


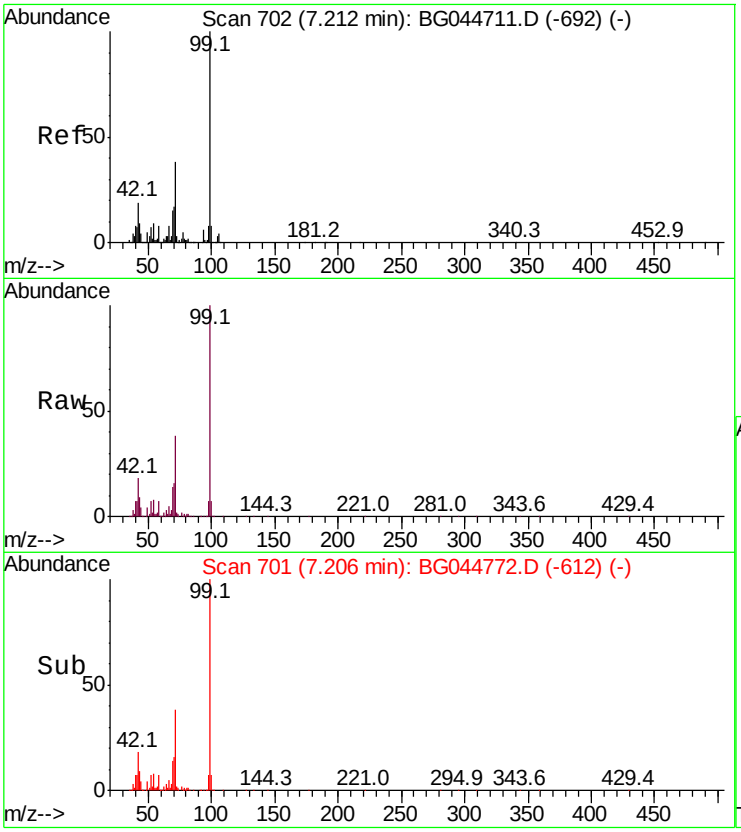


#5
2-Fluorophenol
Concen: 96.528 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Tgt Ion:112 Resp: 713346

Ion	Ratio	Lower	Upper
112	100		
64	68.6	52.6	78.8
63	36.8	30.2	45.4



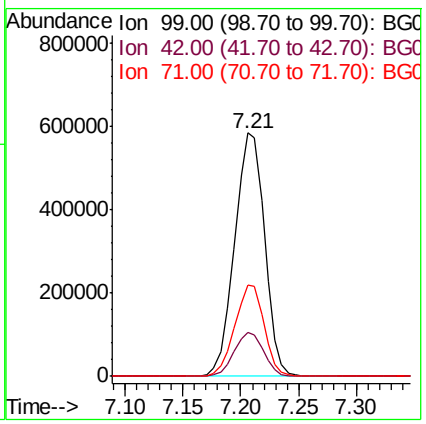


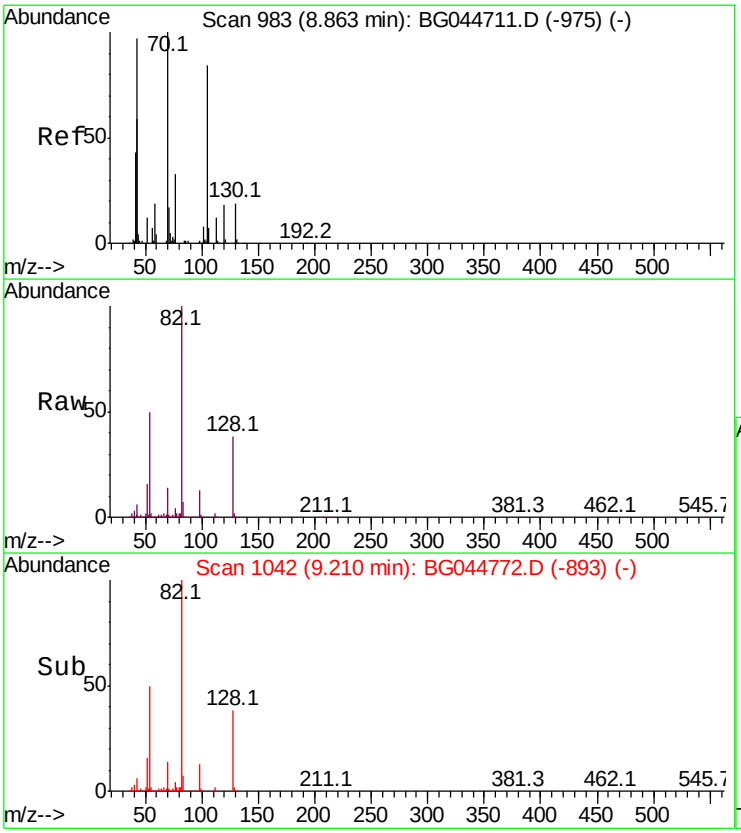
#7
Phenol-d6
Concen: 97.793 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1050026

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.4	23.0
71	37.8	30.2	45.4

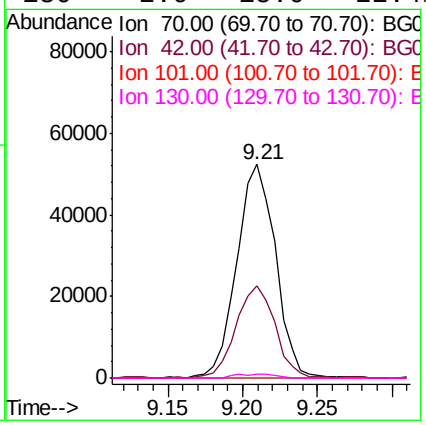


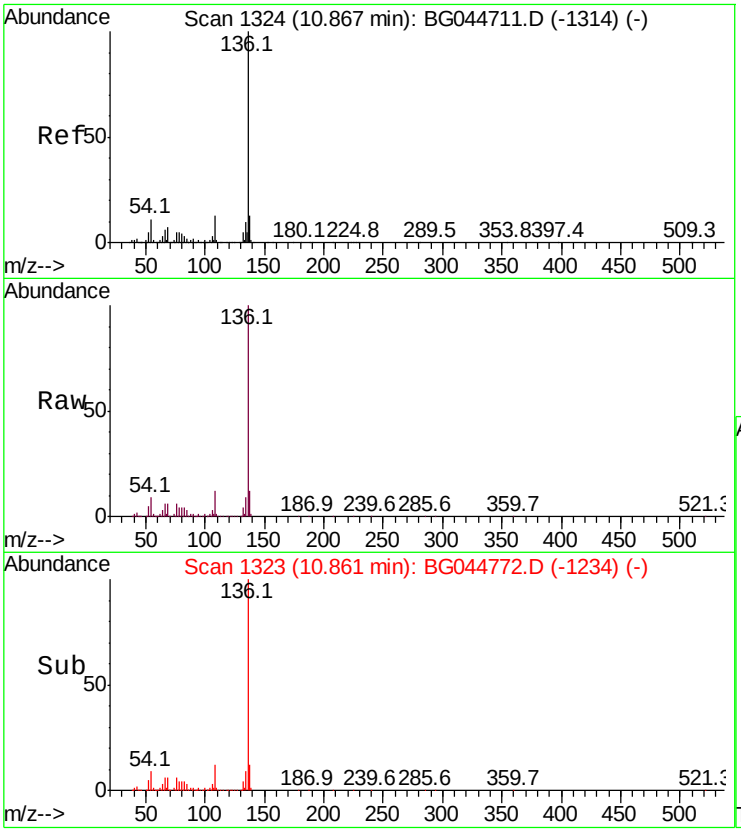


#19
n-Nitroso-di-n-propylamine
Concen: 12.436 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Tgt Ion: 70 Resp: 94285

Ion	Ratio	Lower	Upper
70	100		
42	42.9	47.6	71.4#
101	0.0	6.5	9.7#
130	2.0	15.0	22.4#



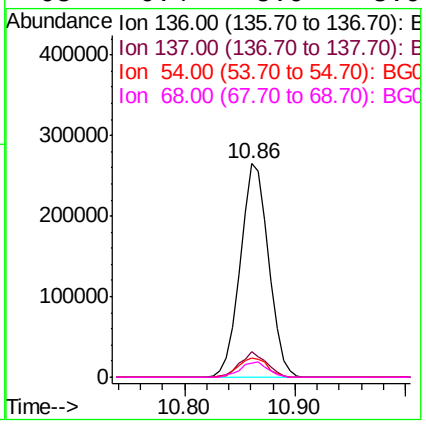


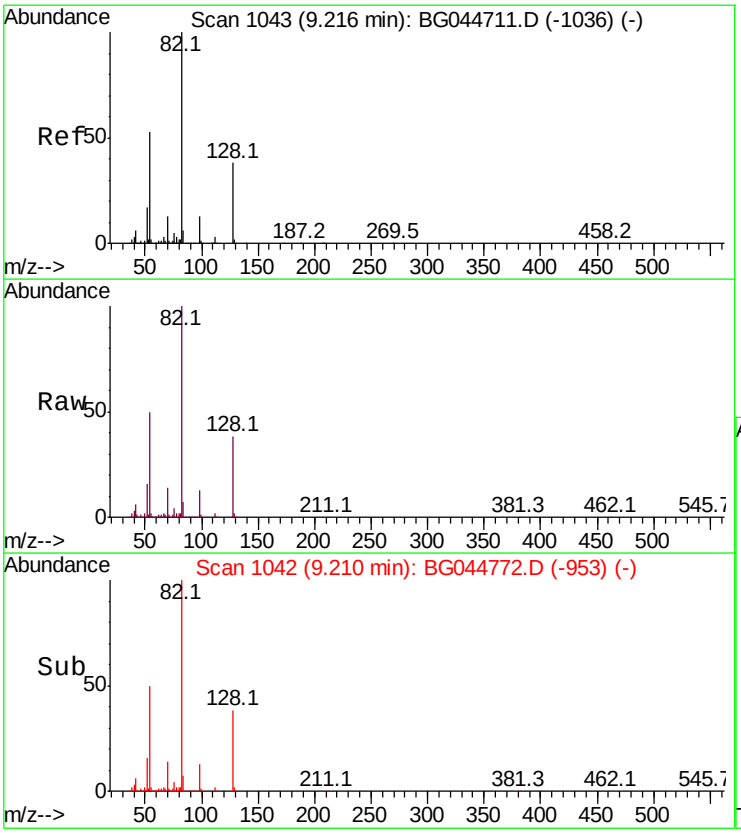
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 477705

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.7	16.1
54	9.0	9.0	13.4
68	6.4	5.9	8.9

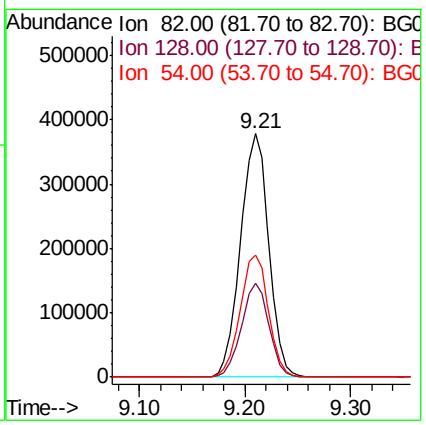


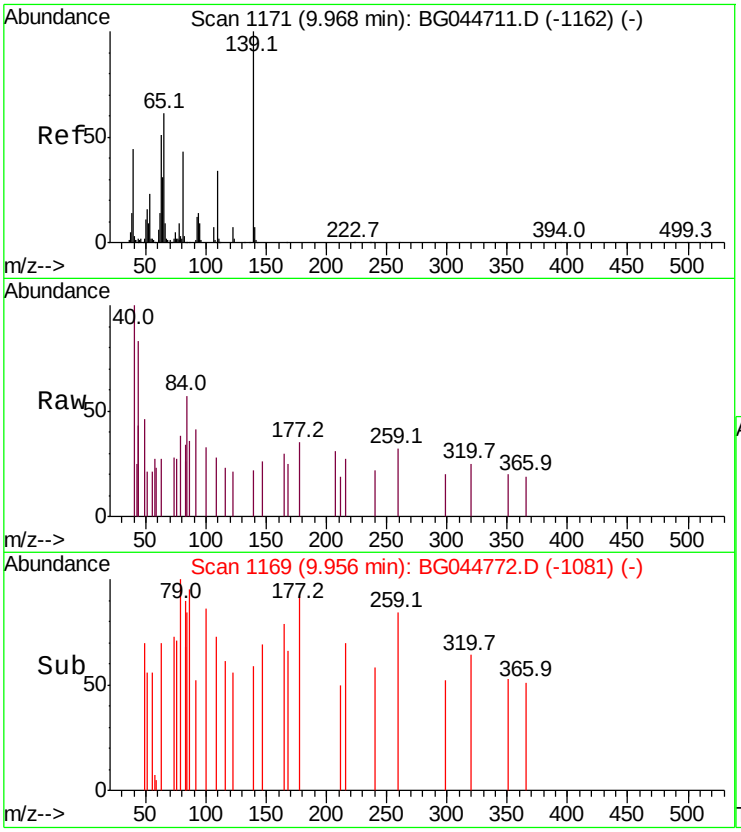


#23
Nitrobenzene-d5
Concen: 64.563 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Tgt Ion: 82 Resp: 702853

Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.2	45.2
54	50.2	41.8	62.8



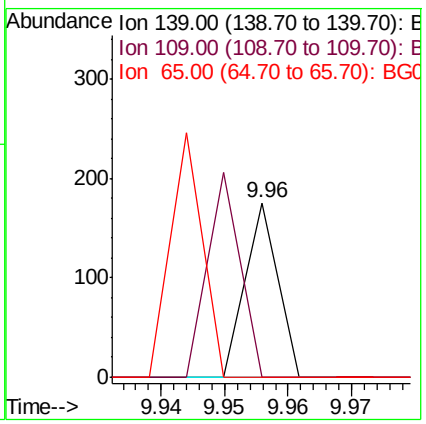


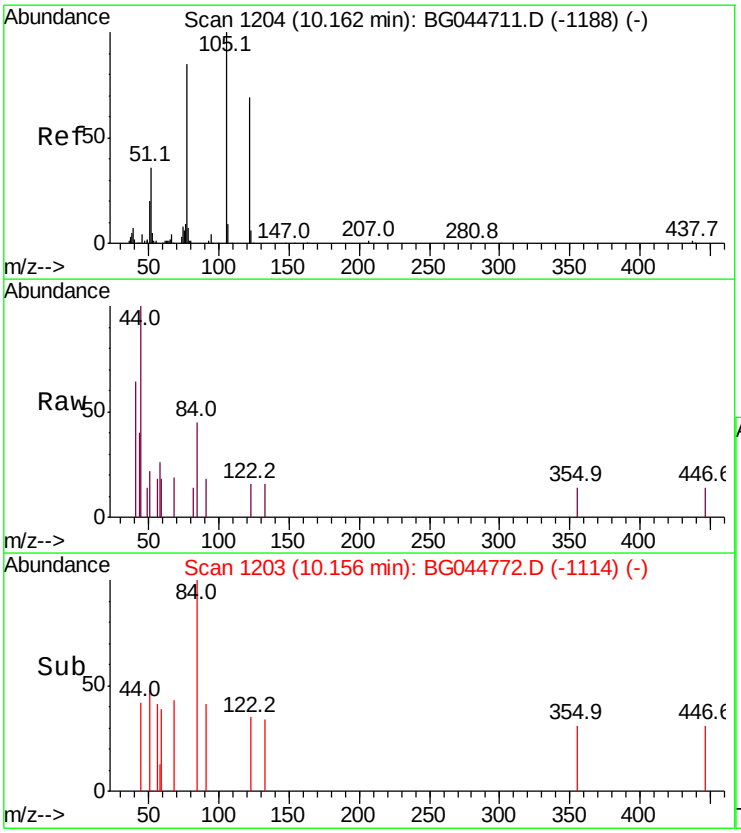
#26
2-Nitrophenol
Concen: 5.529 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 62

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

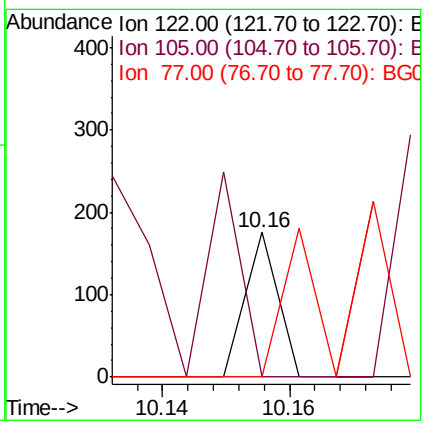


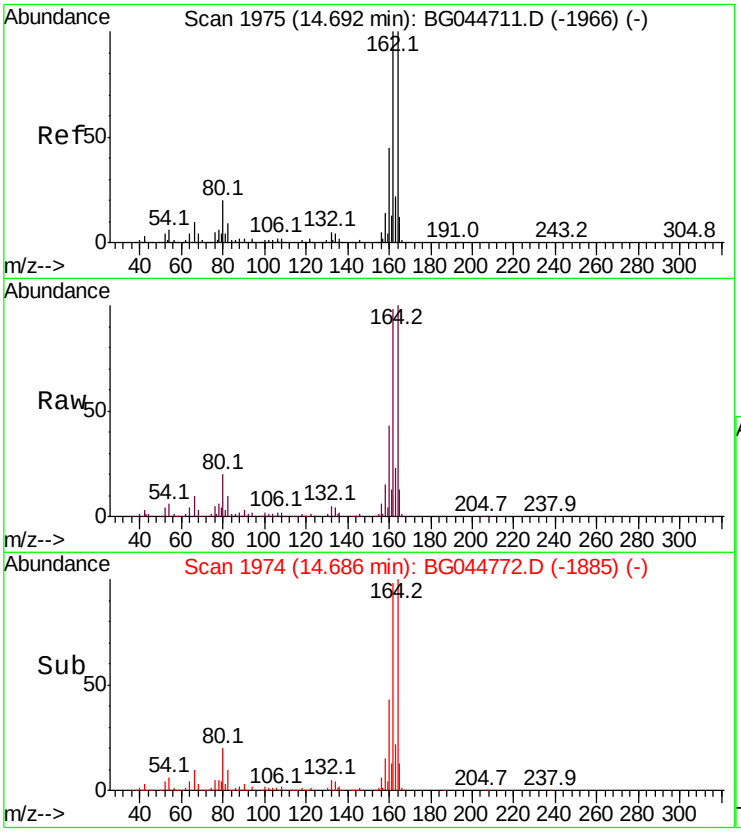


#32
Benzoic acid
Concen: 9.679 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Tgt Ion:122 Resp: 62

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



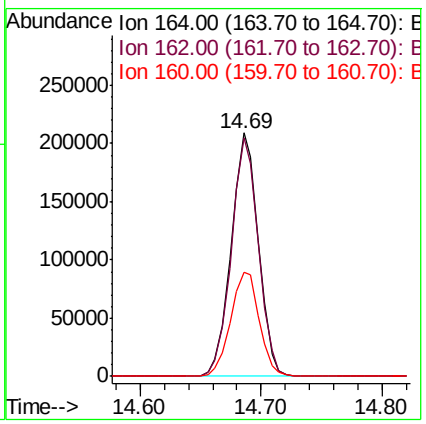


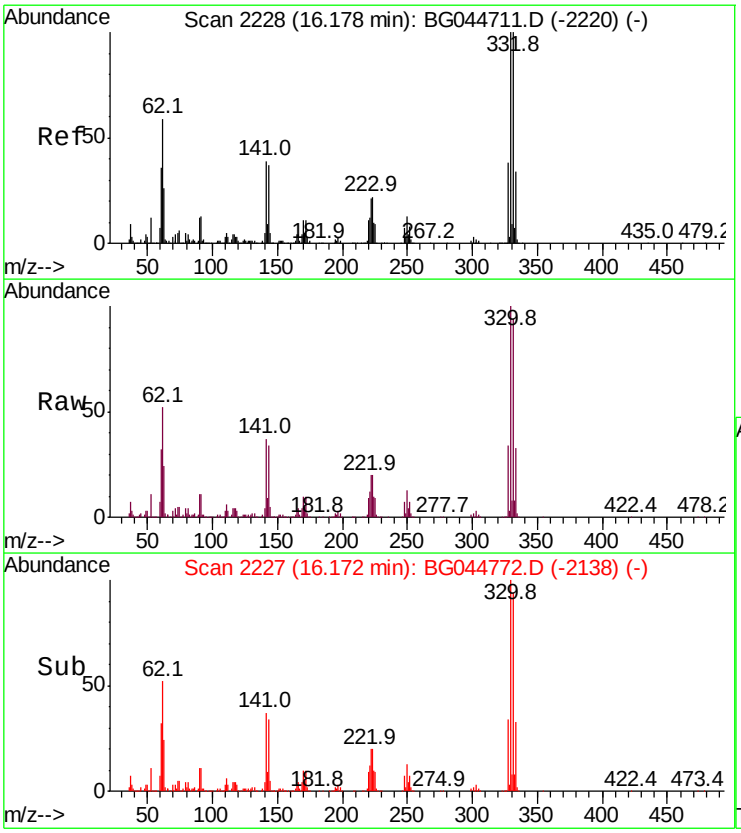
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 327069

Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.2	120.4
160	43.0	36.2	54.2

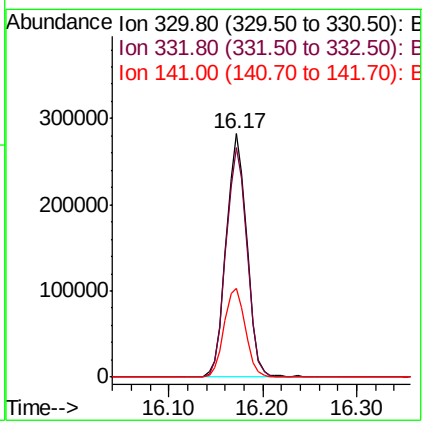


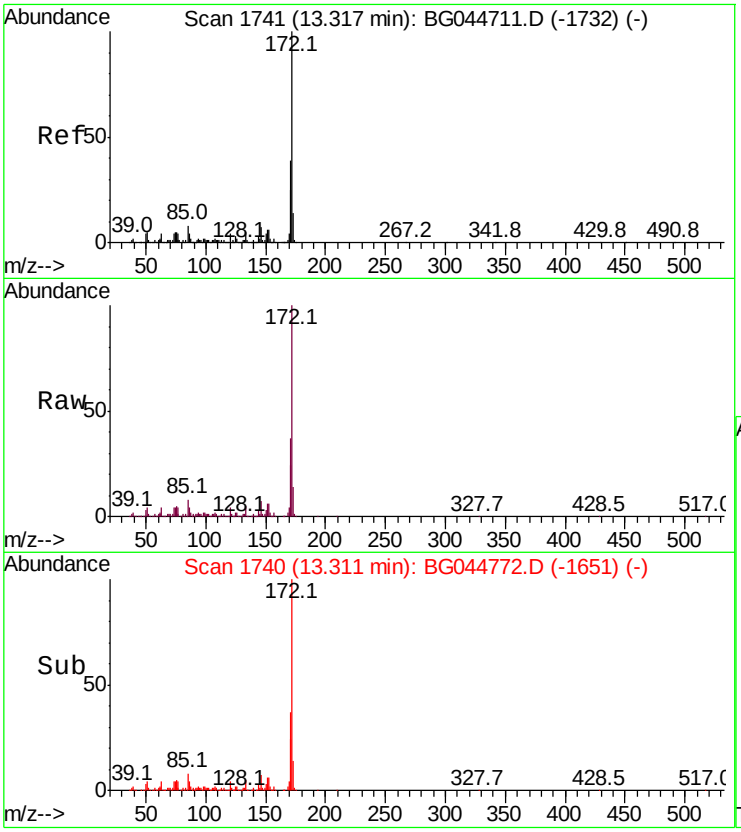


#42
2,4,6-Tribromophenol
Concen: 100.634 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Tgt Ion:330 Resp: 430962

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.5	116.3
141	37.5	31.7	47.5



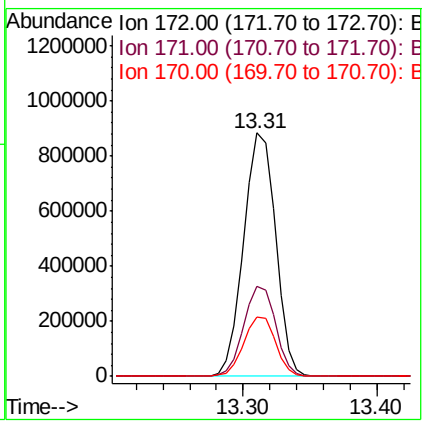


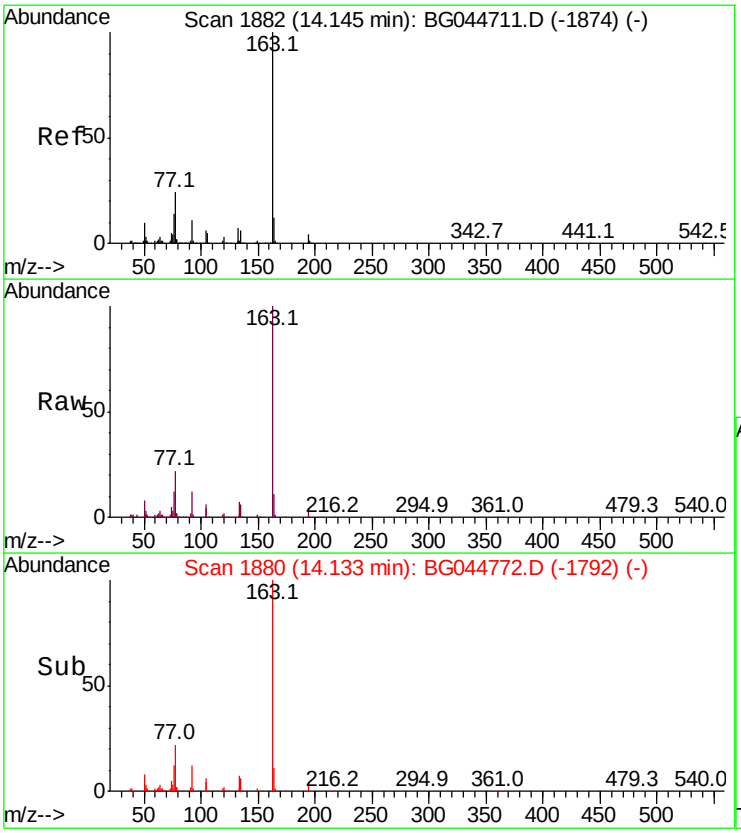
#45
2-Fluorobiphenyl
Concen: 63.916 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1459801

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	24.5	20.0	30.0

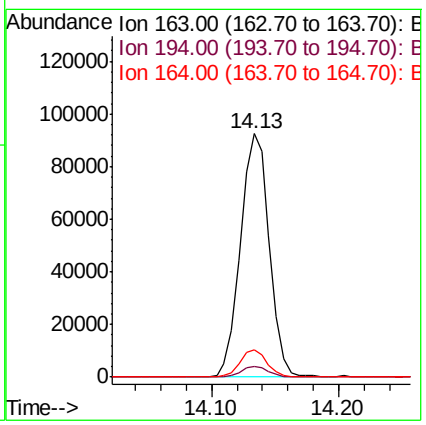


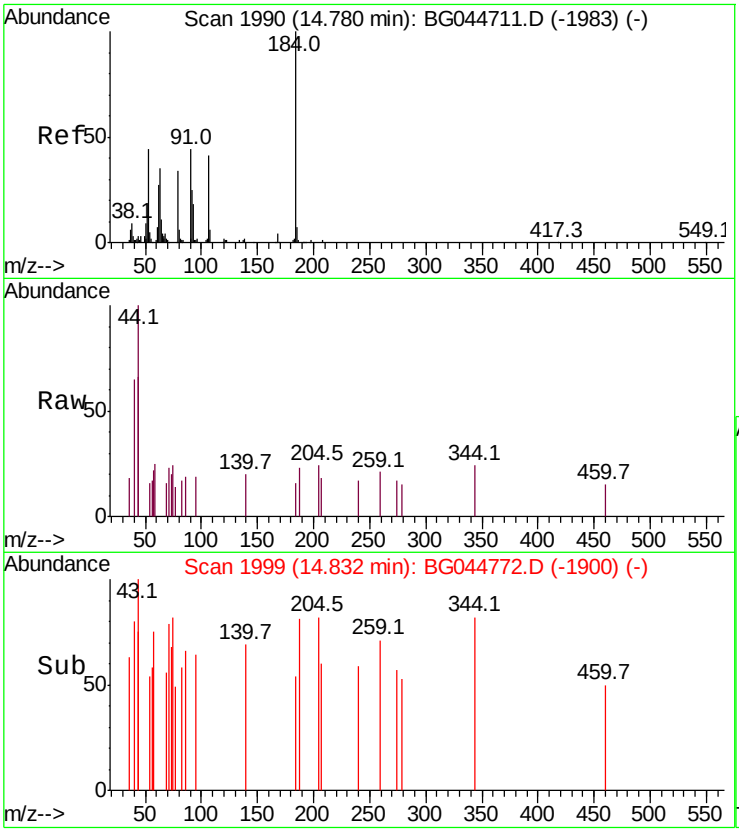


#50
Dimethylphthalate
Concen: 5.571 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Tgt Ion:163 Resp: 145112

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	11.3	9.2	13.8



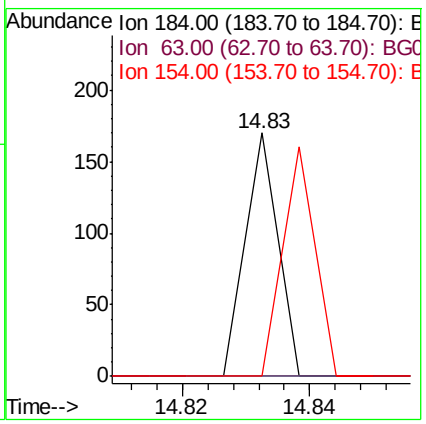


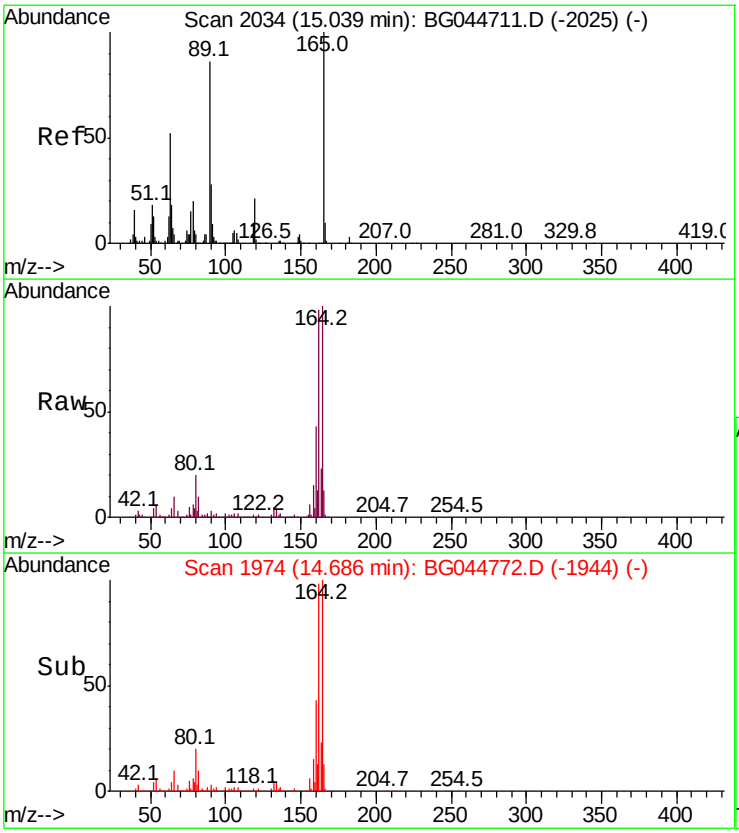
#54
2,4-Dinitrophenol
Concen: 8.342 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.05 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 60

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

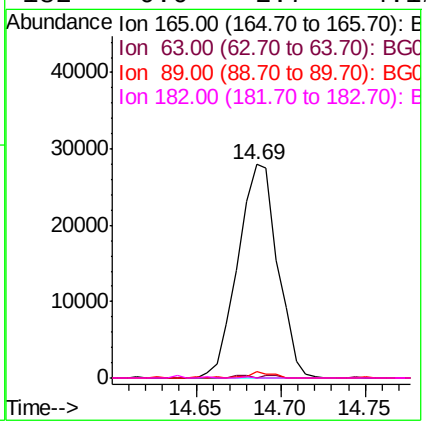


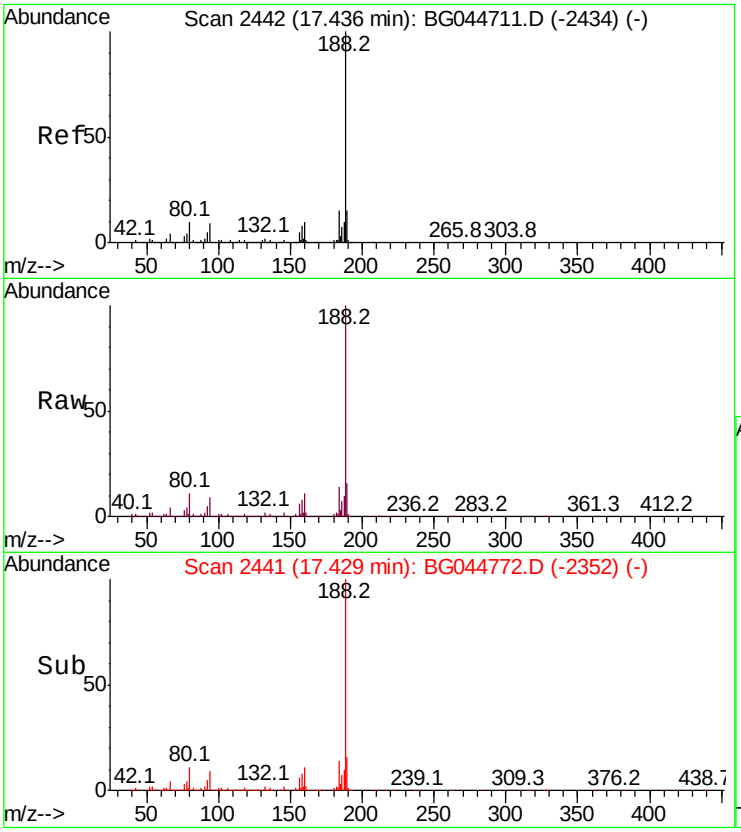


#57
2,4-Dinitrotoluene
Concen: 6.343 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Tgt Ion:165 Resp: 45678

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



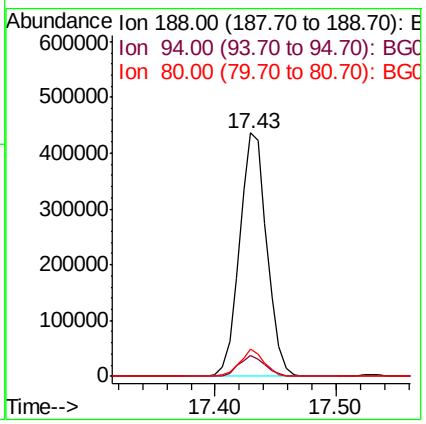


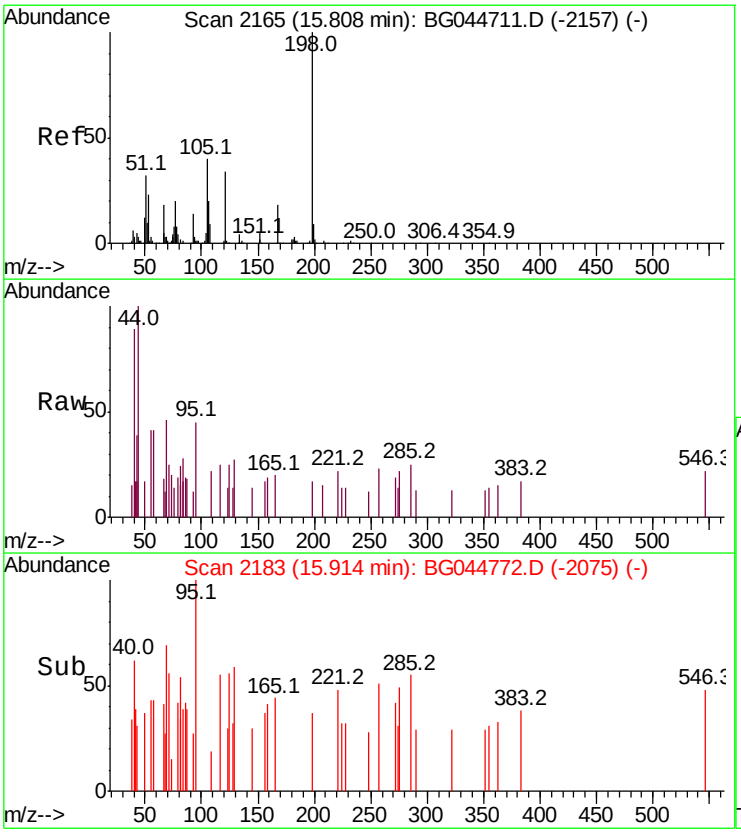
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 685114

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	11.0	8.4	12.6

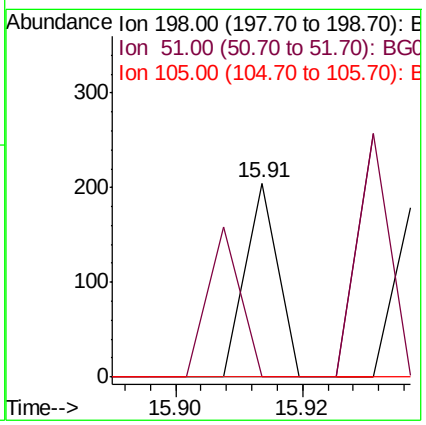


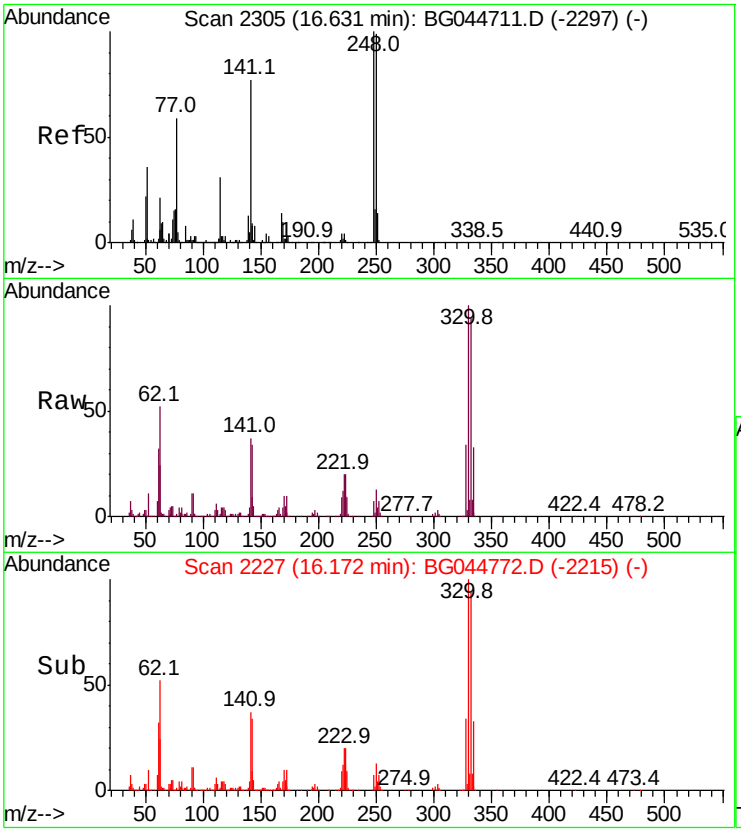


#65
4,6-Dinitro-2-methylphenol
Concen: 7.747 ng
RT: 15.91 min Scan# 2183
Delta R.T. 0.11 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

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#



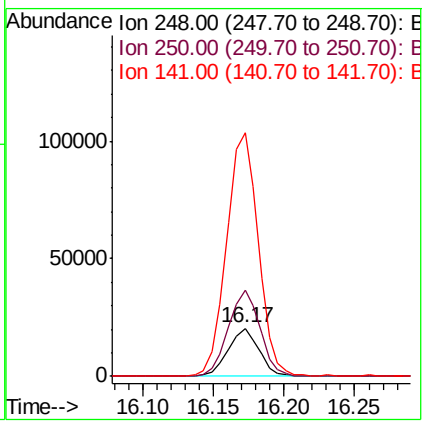


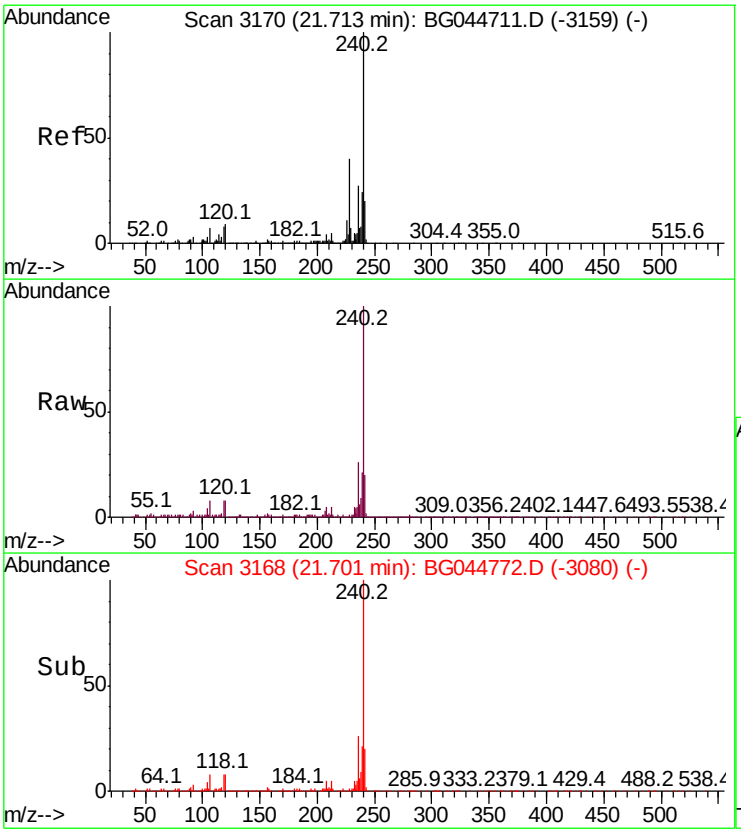
#67
4-Bromophenyl-phenylether
Concen: 3.620 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 31009

Ion	Ratio	Lower	Upper
248	100		
250	180.5	79.4	119.0#
141	507.9	61.7	92.5#

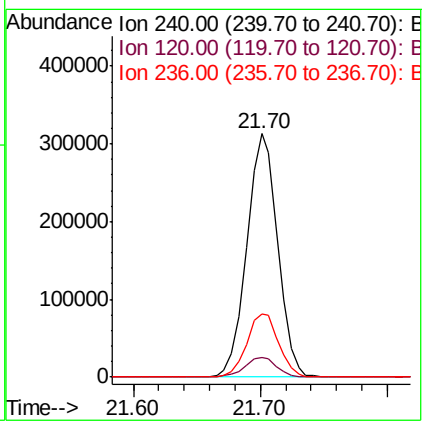


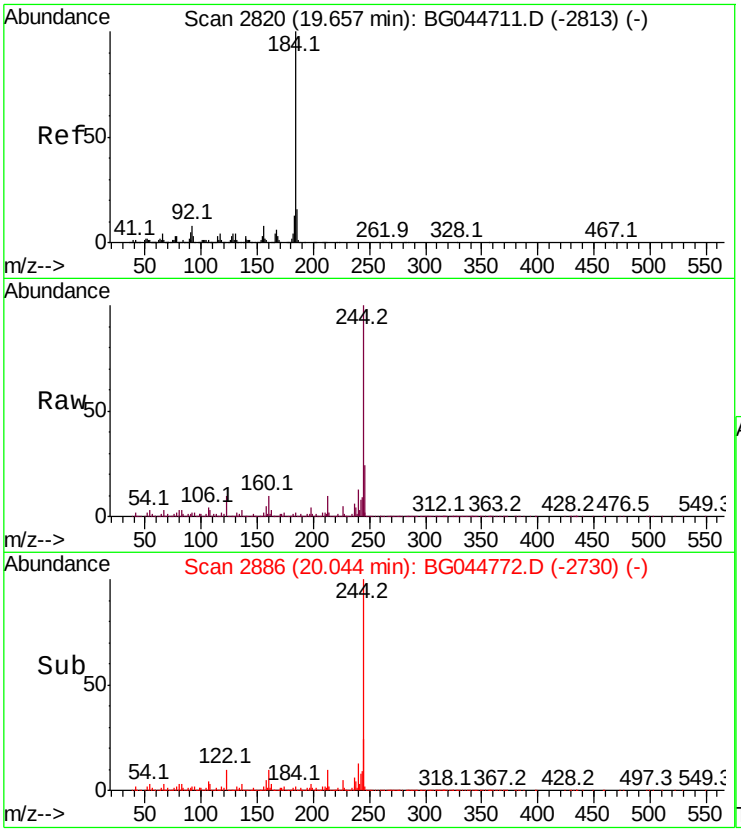


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Tgt Ion:240 Resp: 528609

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.9	10.3
236	25.7	21.9	32.9



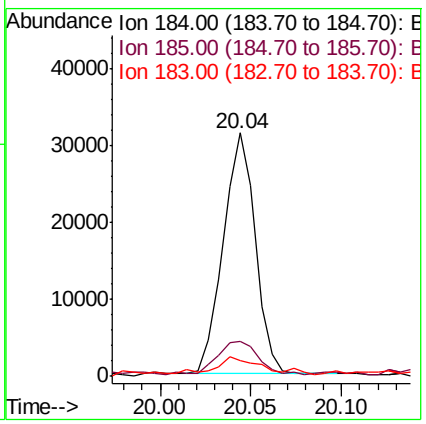


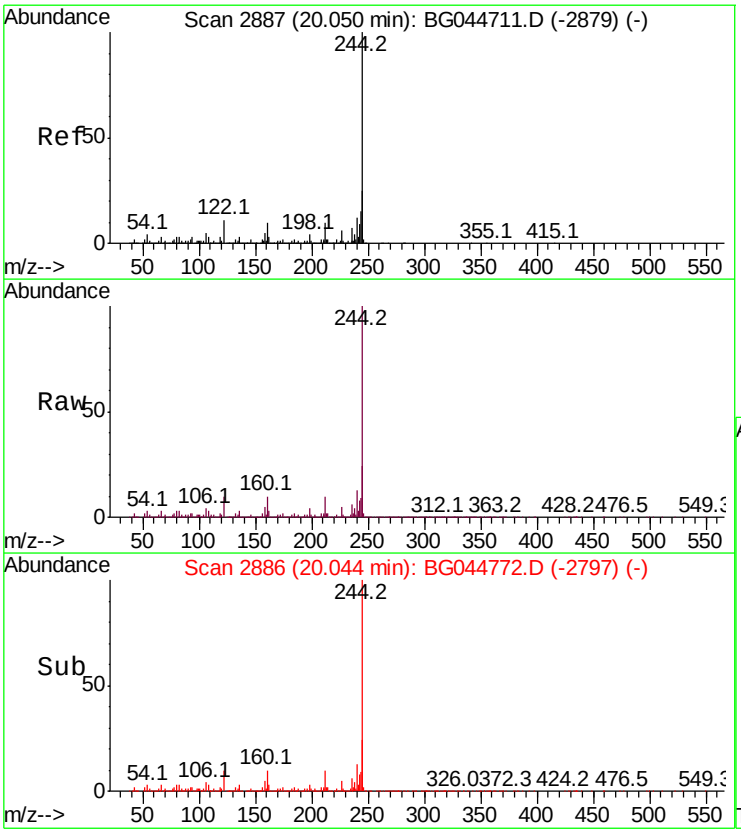
#77
Benzidine
Concen: 2.238 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.39 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 38408

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.9	19.3
183	6.7	10.6	15.8#

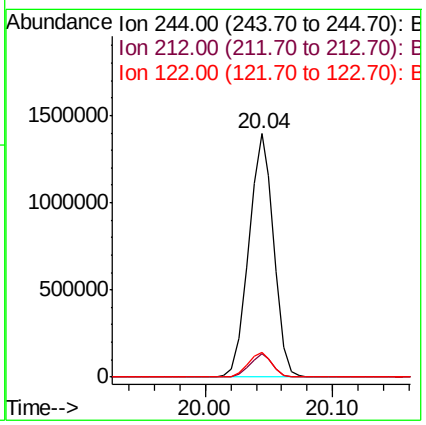


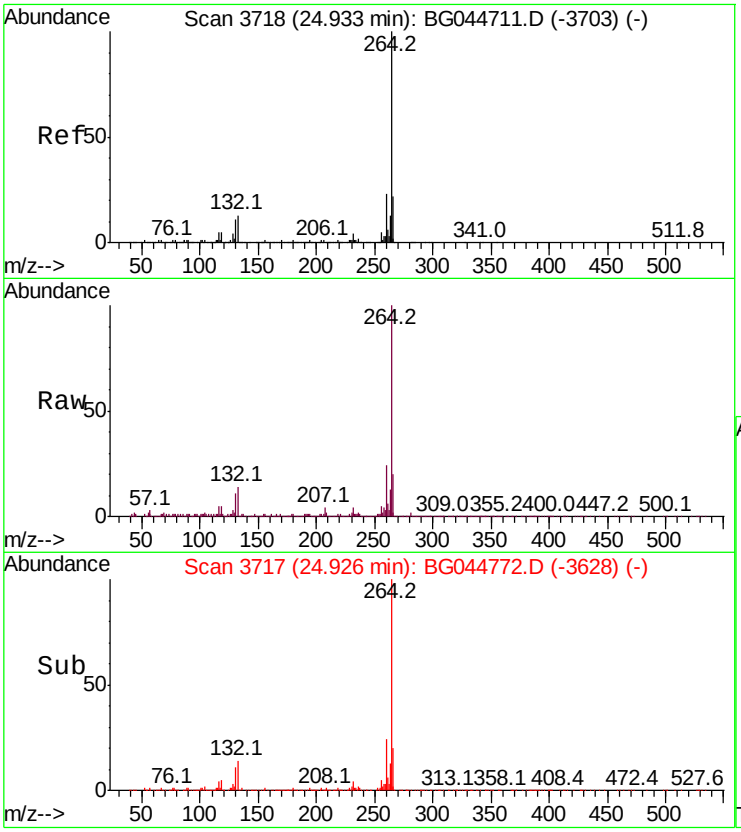


#79
Terphenyl-d14
Concen: 67.244 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Tgt Ion:244 Resp: 1900275

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.4	12.6
122	10.3	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG044772.D
Acq: 13 Mar 2020 18:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 607201

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	20.3	17.4	26.2