Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044742.D
Acq On : 12 Mar 2020 19:30
Operator : CG/JU
Sample : L1889-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 06:09:17 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	108332	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	442476	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	299862	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	594600	20.00	ng	0.00
76) Chrysene-d12	21.70	240	584121	20.00	ng	-0.01
87) Perylene-d12	24.91	264	683593	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	43114	6.20	ng	0.00
7) Phenol-d6	7.20	99	469322	46.42	ng	-0.01
23) Nitrobenzene-d5	9.21	82	640143	63.48	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	1151	0.29	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1367119	65.29	ng	0.00
79) Terphenyl-d14	20.04	244	1954663	62.59	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.17	77	126	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.21	70	85494	11.975	ng	# 77
26) 2-Nitrophenol	10.00	139	62	5.530	ng	# 28
32) Benzoic acid	10.16	122	80	9.683	ng	# 1
50) Dimethylphthalate	14.13	163	192961	8.080	ng	99
54) 2,4-Dinitrophenol	14.65	184	74	8.349	ng	# 2
57) 2,4-Dinitrotoluene	14.69	165	39863	6.038	ng	# 18
65) 4,6-Dinitro-2-methylphenol	15.93	198	216	7.793	ng	# 1
77) Benzidine	20.04	184	40216	2.121	ng	# 94

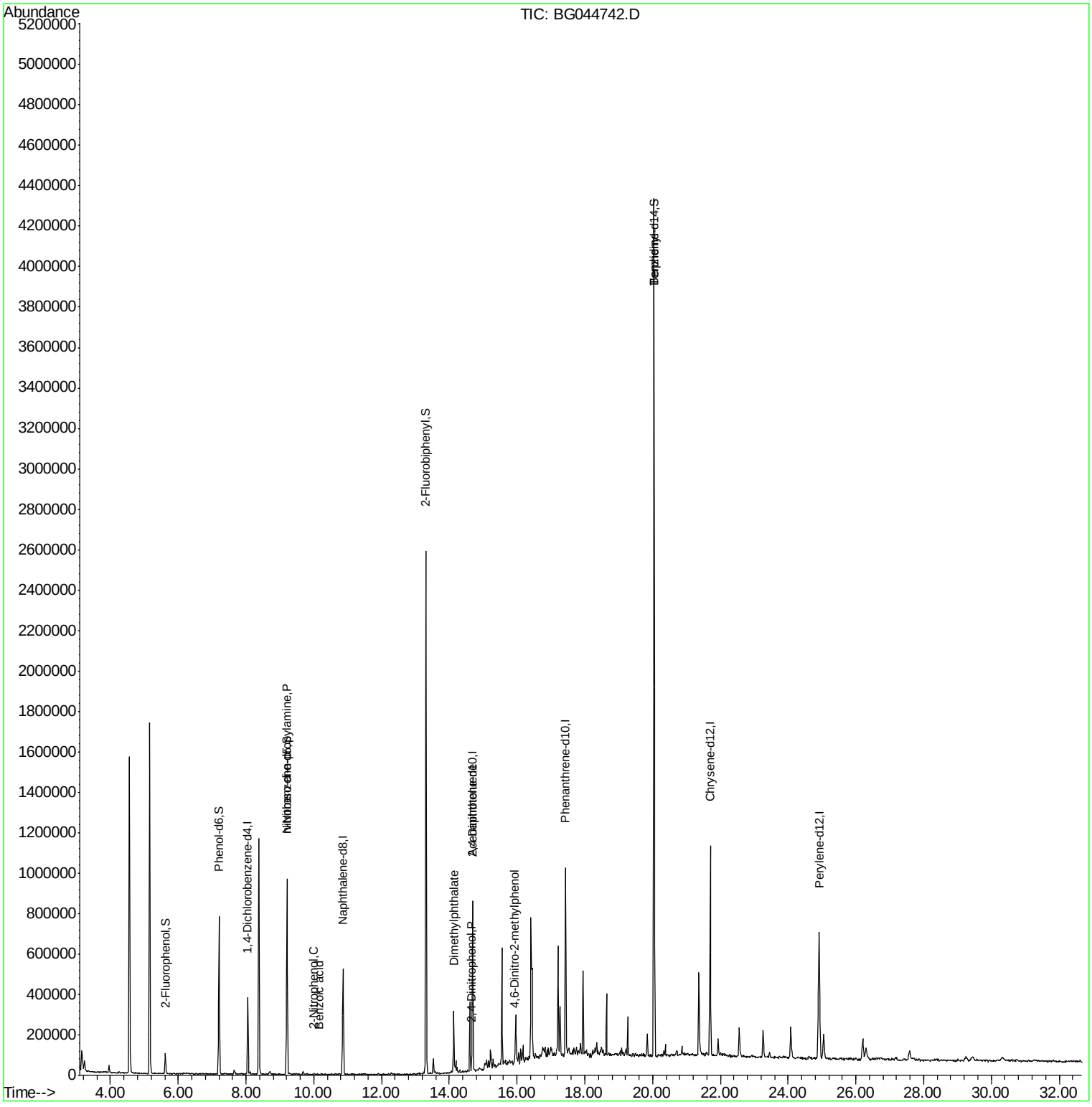
(#) = qualifier out of range (m) = manual integration (+) = signals summed

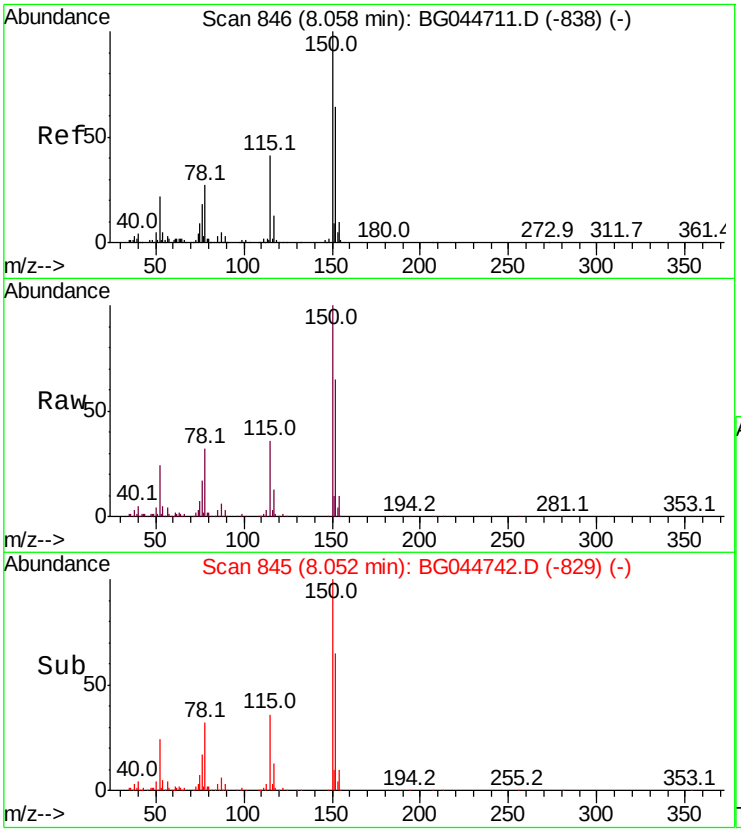
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044742.D
Acq On : 12 Mar 2020 19:30
Operator : CG/JU
Sample : L1889-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 06:09:17 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



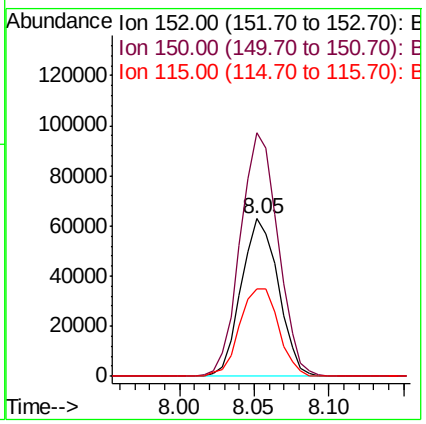


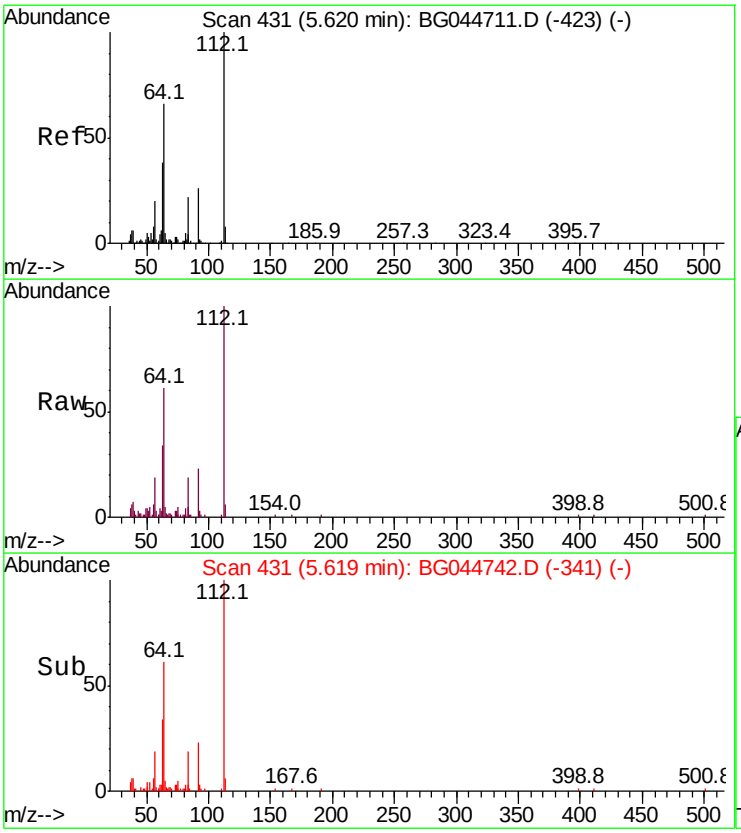
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 108332

Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.3	187.9
115	55.5	51.7	77.5

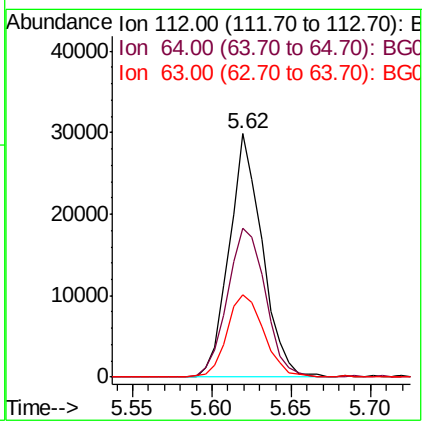


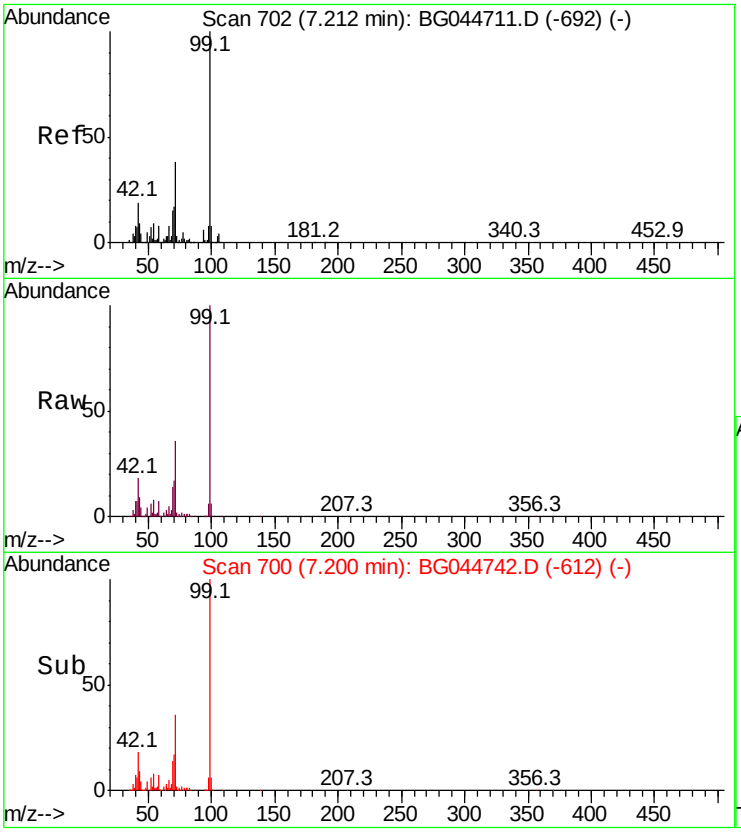


#5
2-Fluorophenol
Concen: 6.195 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.00 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion:112 Resp: 43114

Ion	Ratio	Lower	Upper
112	100		
64	60.9	52.6	78.8
63	33.6	30.2	45.4



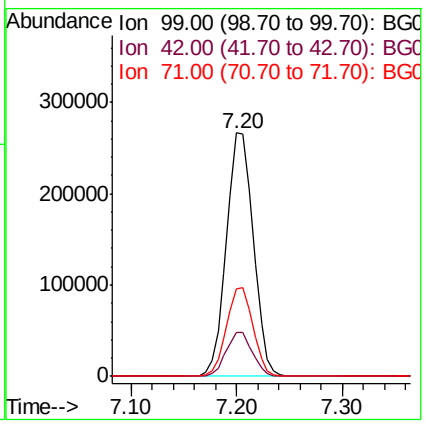


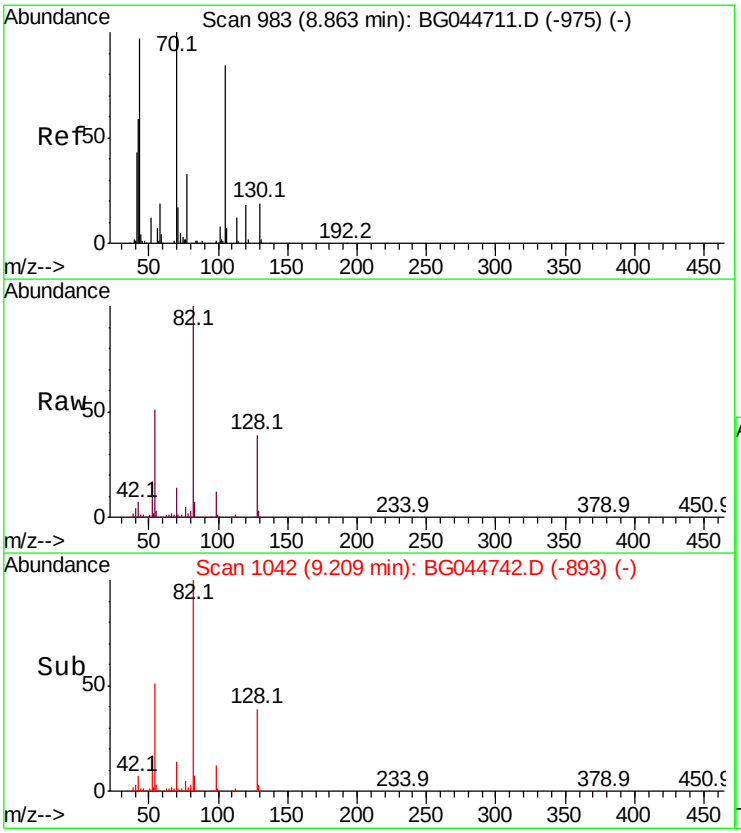
#7
Phenol-d6
Concen: 46.416 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 469322

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.4	23.0
71	36.1	30.2	45.4

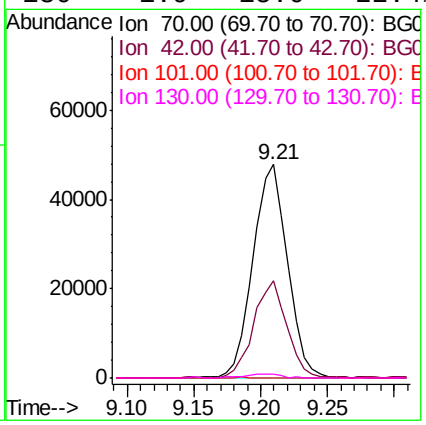


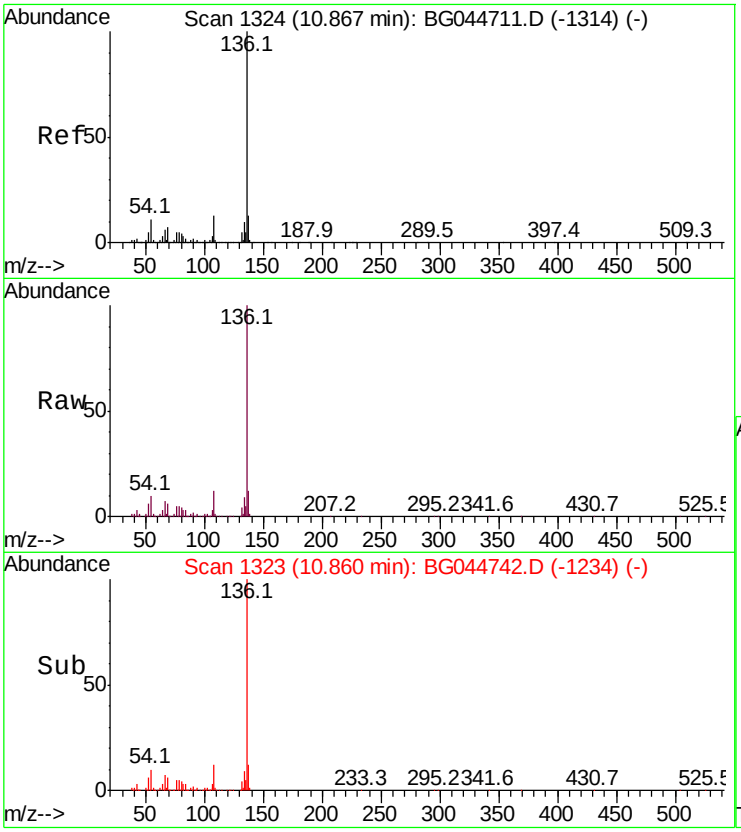


#19
n-Nitroso-di-n-propylamine
Concen: 11.975 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion: 70 Resp: 85494

Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.6	71.4#
101	0.0	6.5	9.7#
130	1.9	15.0	22.4#



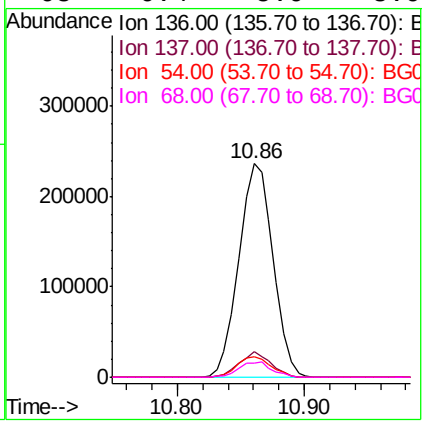


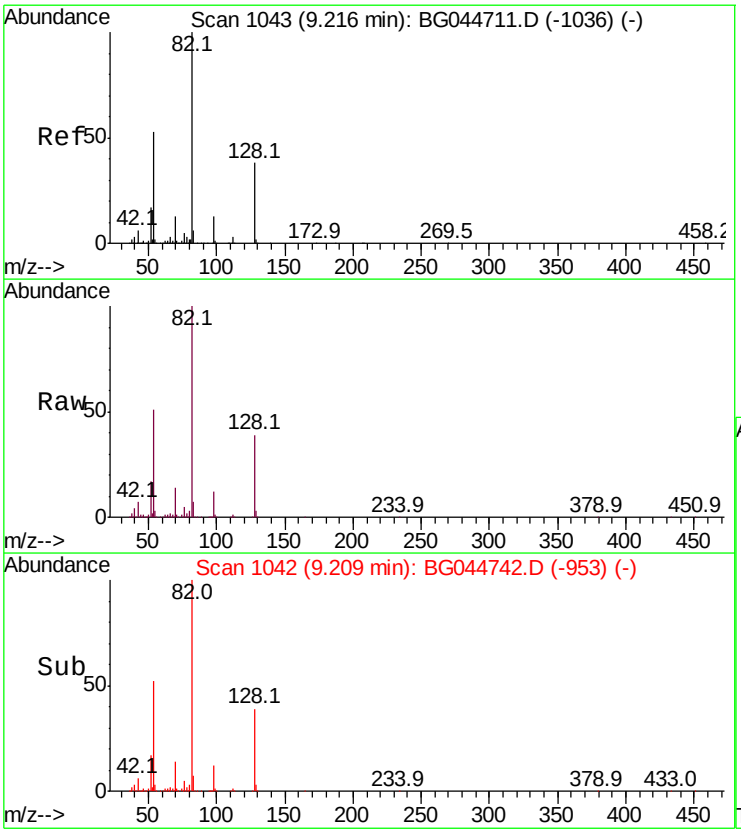
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 442476

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.7	16.1
54	9.6	9.0	13.4
68	6.4	5.9	8.9

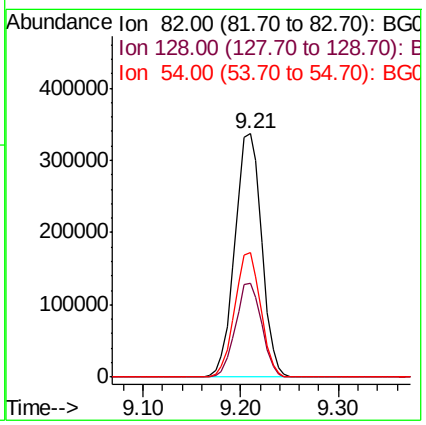


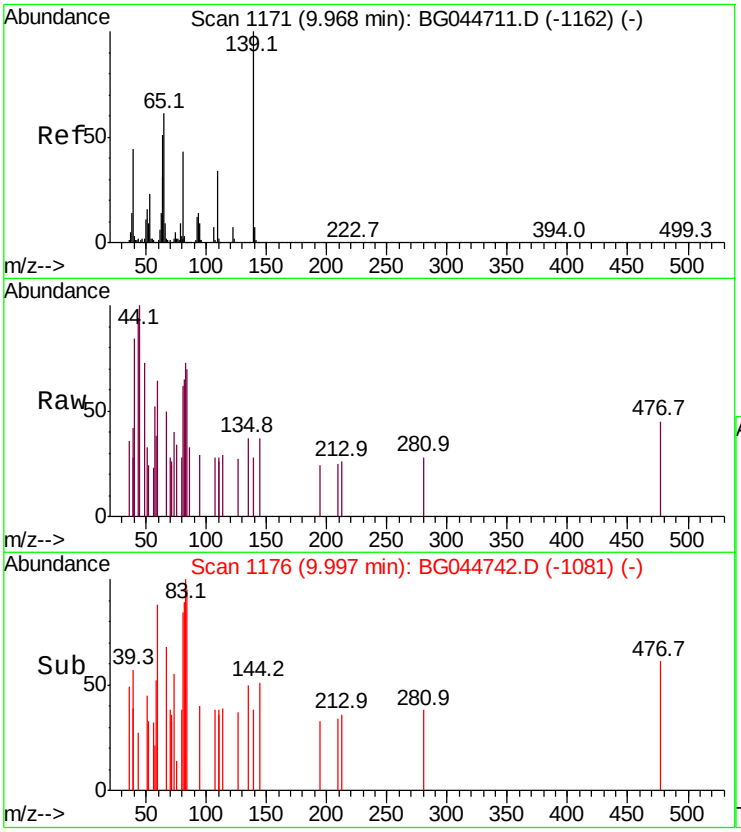


#23
Nitrobenzene-d5
Concen: 63.484 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion: 82 Resp: 640143

Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.2	45.2
54	51.4	41.8	62.8



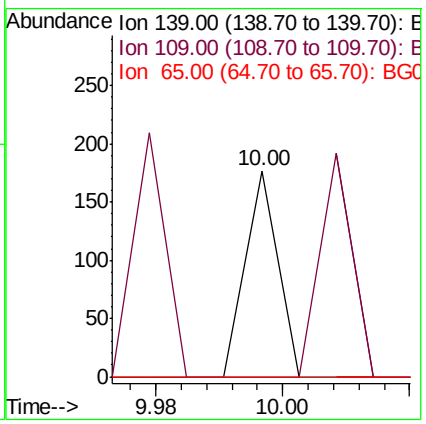


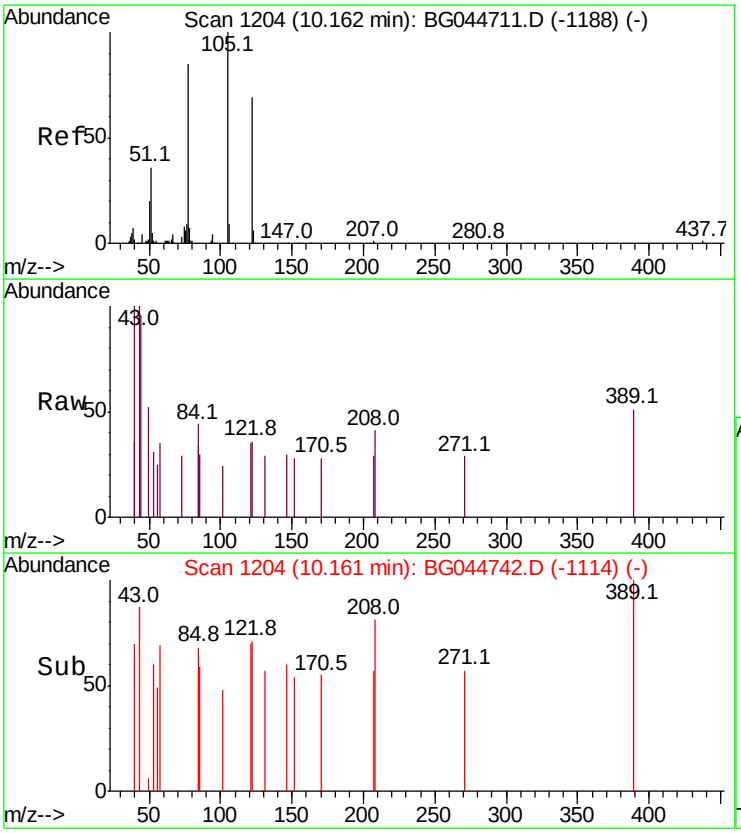
#26
2-Nitrophenol
Concen: 5.530 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.03 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

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#

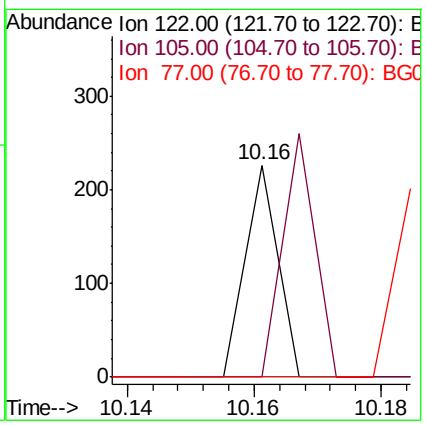


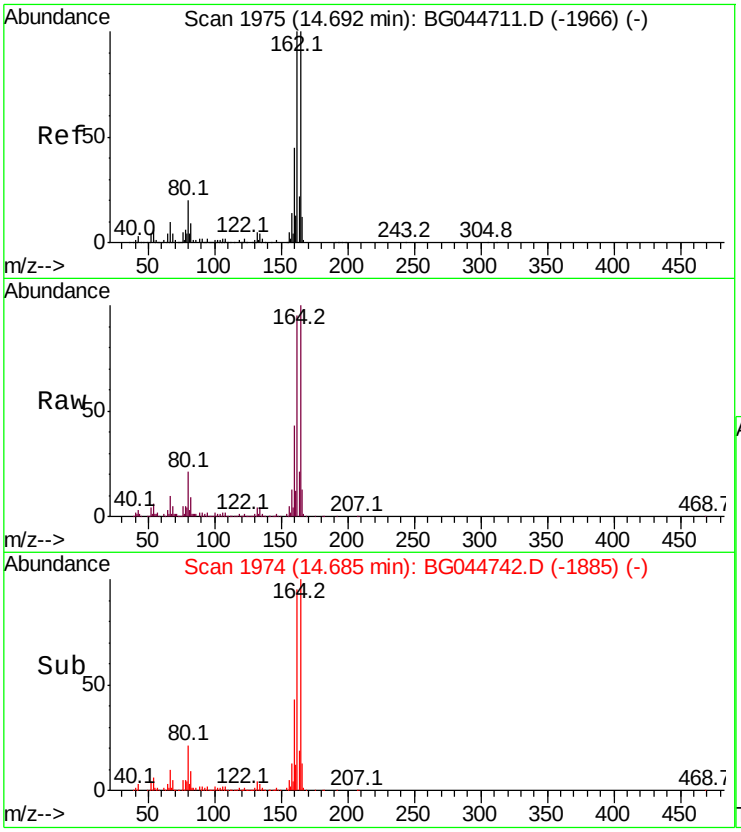


#32
Benzoic acid
Concen: 9.683 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion:122 Resp: 80

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



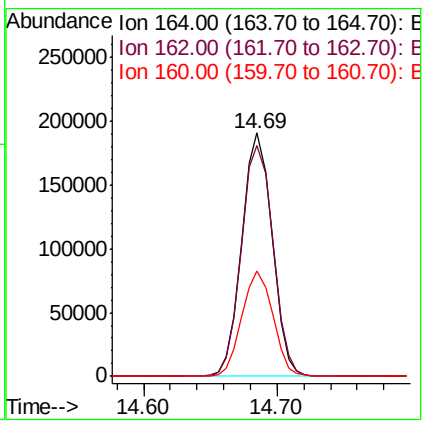


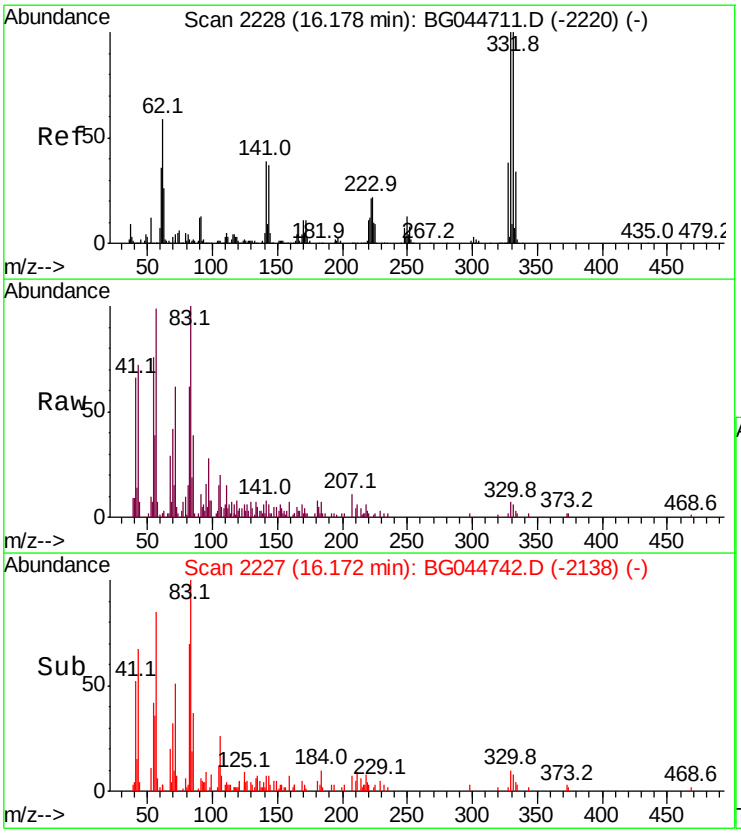
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 299862

Ion	Ratio	Lower	Upper
164	100		
162	94.8	80.2	120.4
160	43.2	36.2	54.2

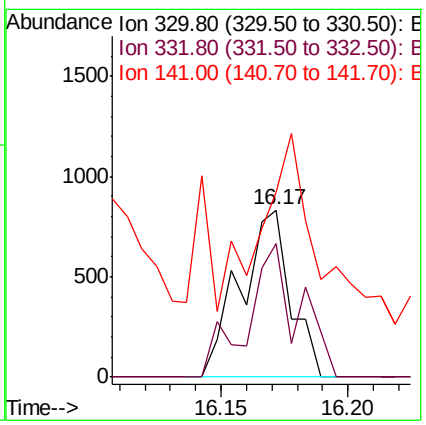


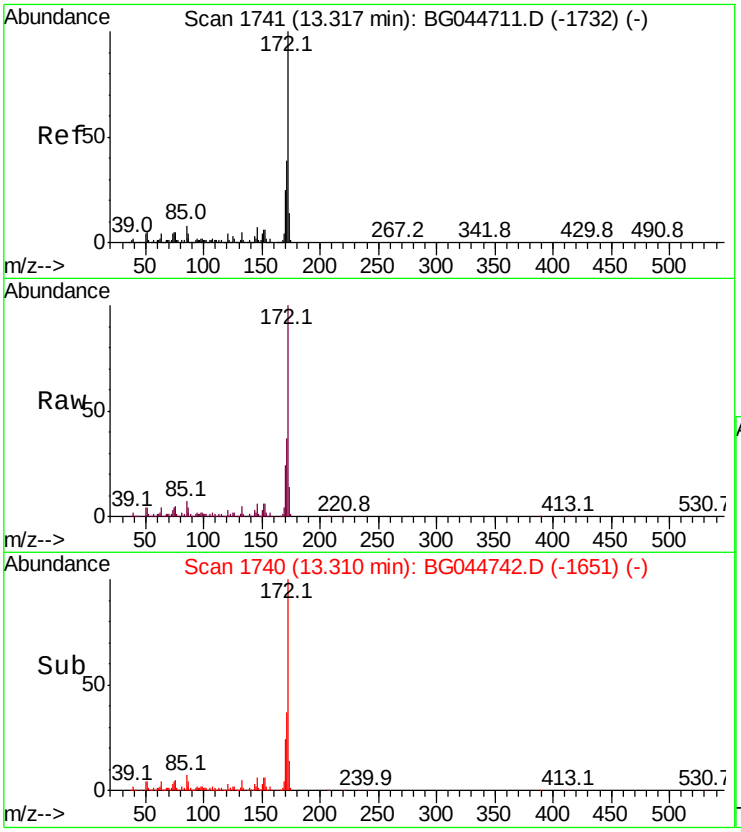


#42
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion:330 Resp: 1151

Ion	Ratio	Lower	Upper
330	100		
332	80.9	77.5	116.3
141	109.4	31.7	47.5#



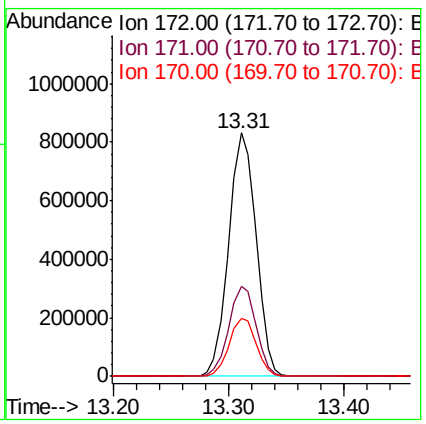


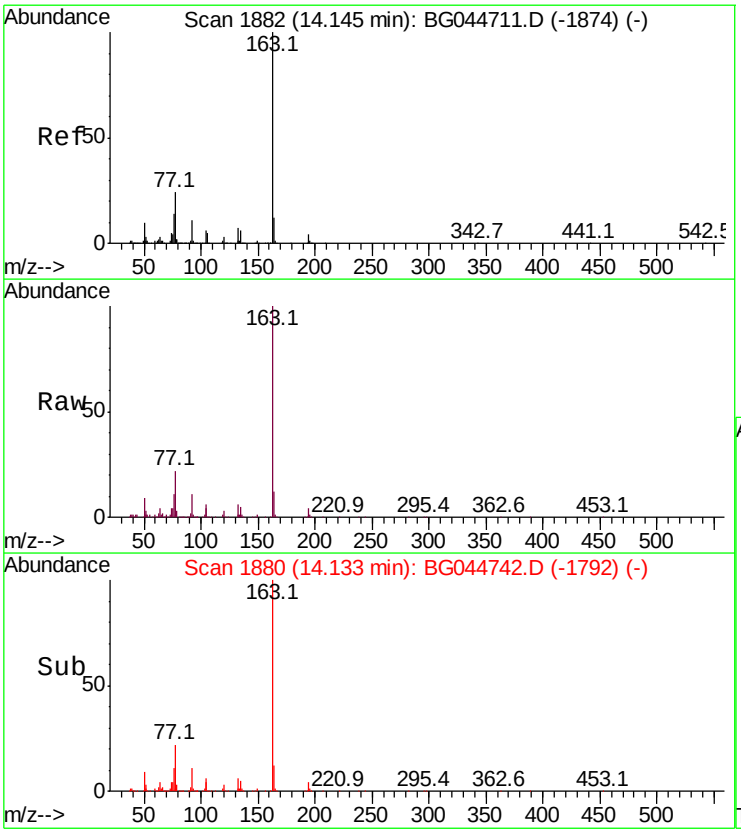
#45
2-Fluorobiphenyl
Concen: 65.289 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1367119

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	23.9	20.0	30.0

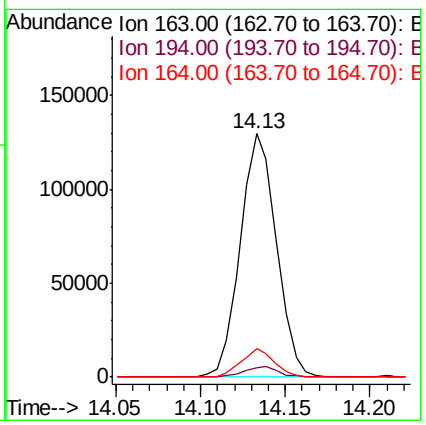


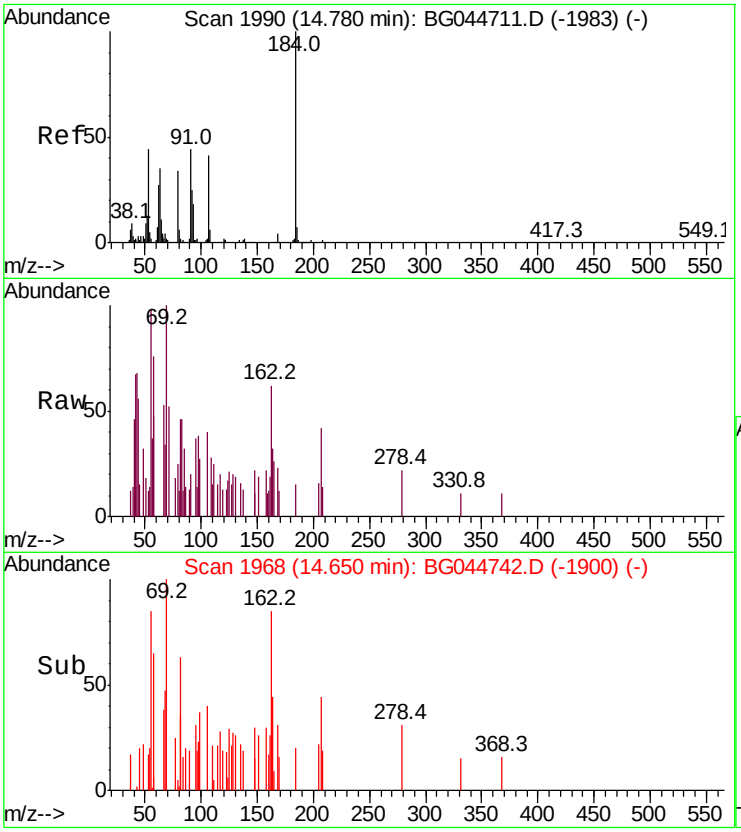


#50
Dimethylphthalate
Concen: 8.080 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion:163 Resp: 192961

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	11.7	9.2	13.8



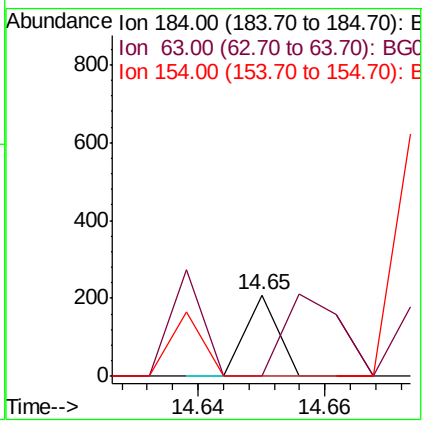


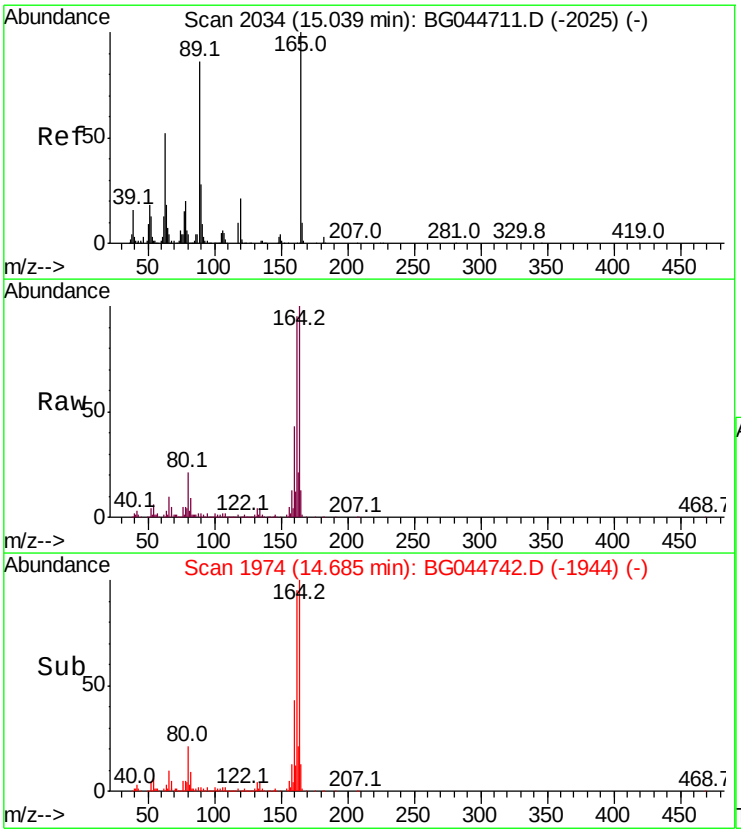
#54
2,4-Dinitrophenol
Concen: 8.349 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.13 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 74

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

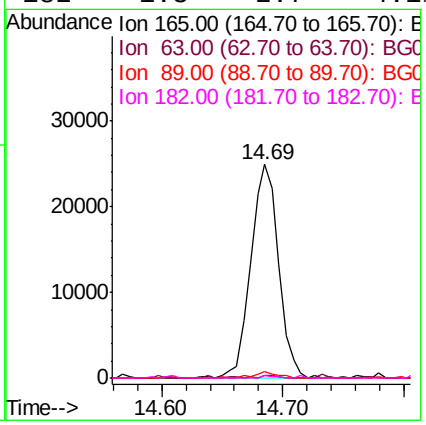


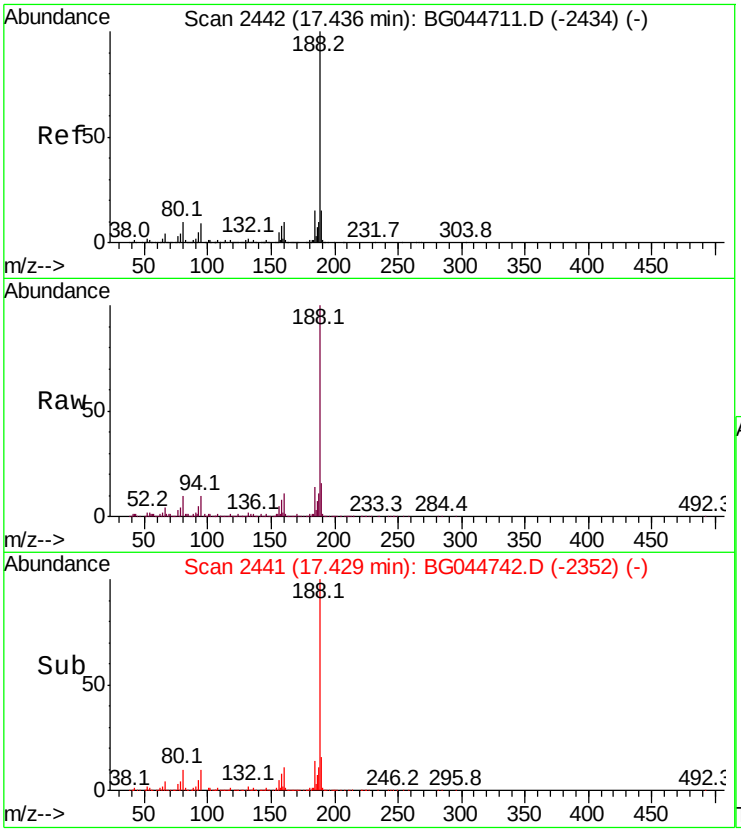


#57
2,4-Dinitrotoluene
Concen: 6.038 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.35 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion:165 Resp: 39863

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.5	62.3#
89	3.0	69.0	103.4#
182	1.3	2.7	4.1#



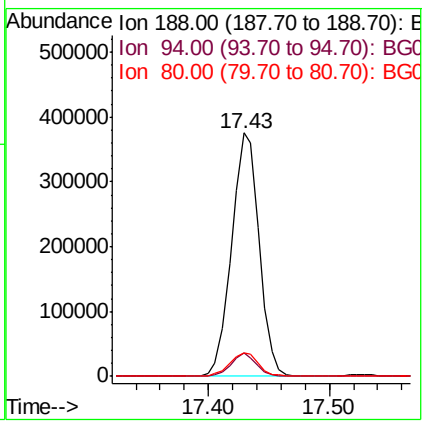


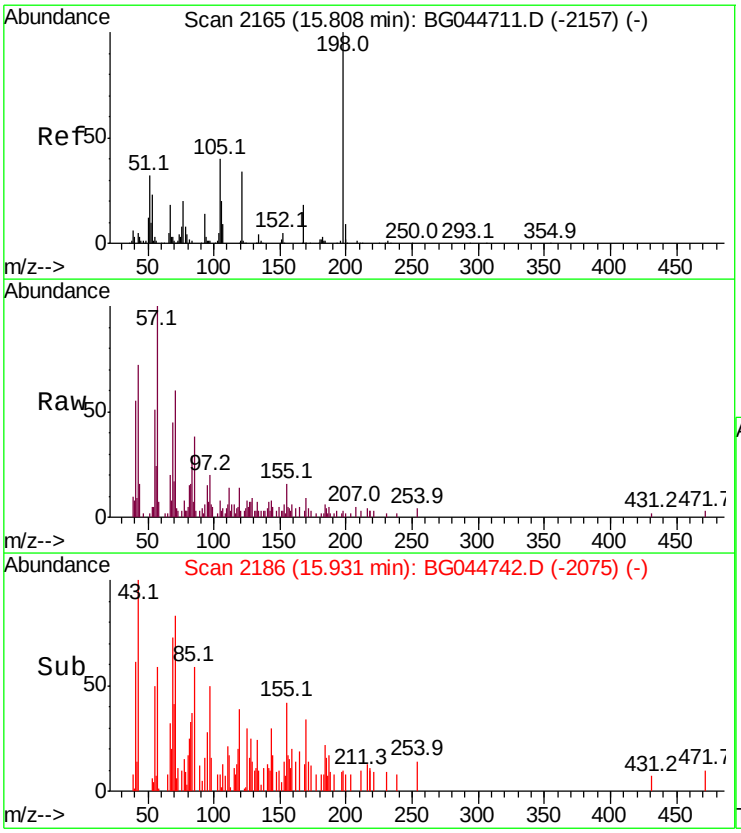
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 594600

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	9.9	8.4	12.6

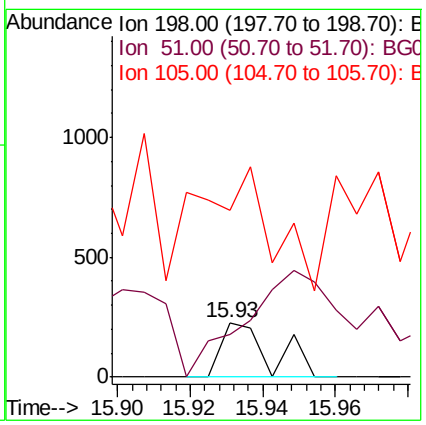


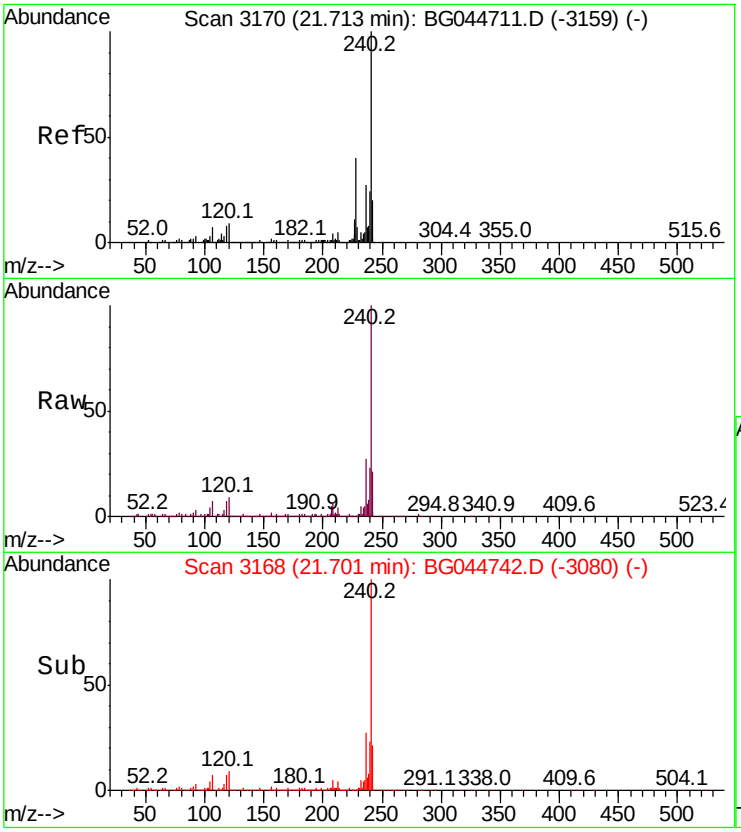


#65
4,6-Dinitro-2-methylphenol
Concen: 7.793 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.12 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion:198 Resp: 216

Ion	Ratio	Lower	Upper
198	100		
51	76.9	20.1	60.1#
105	303.9	21.3	61.3#



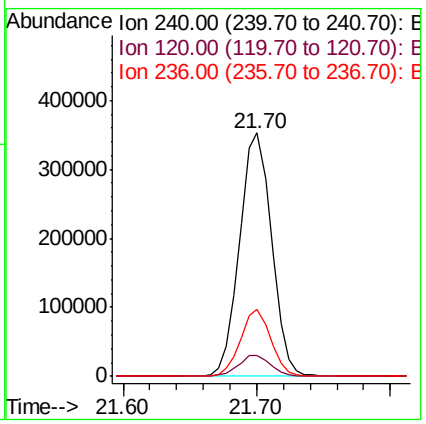


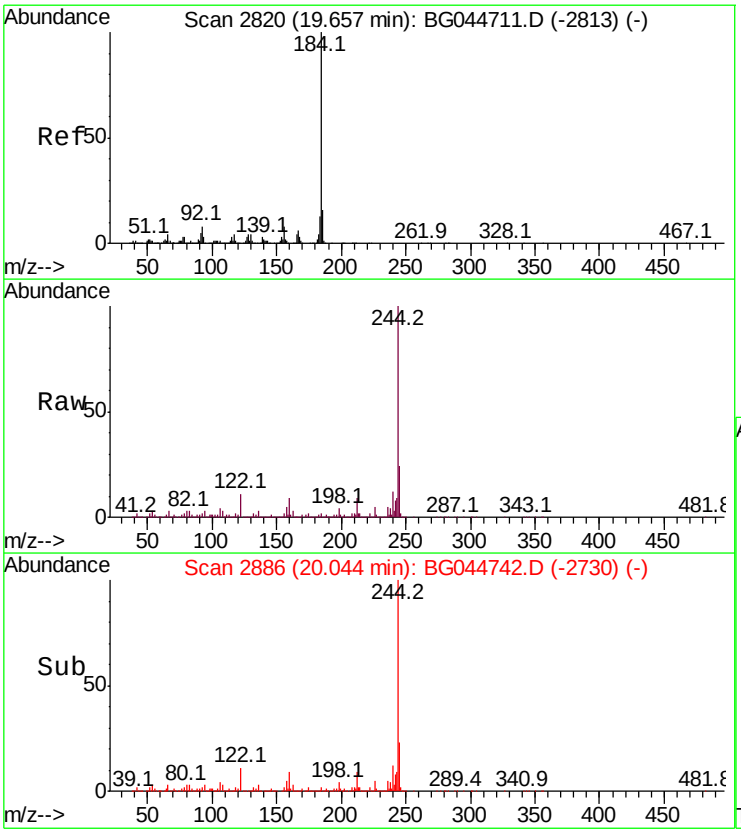
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 584121

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	27.3	21.9	32.9

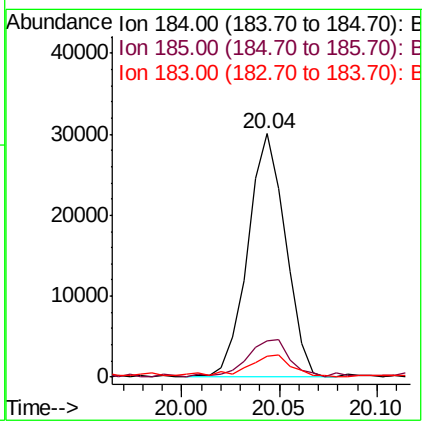


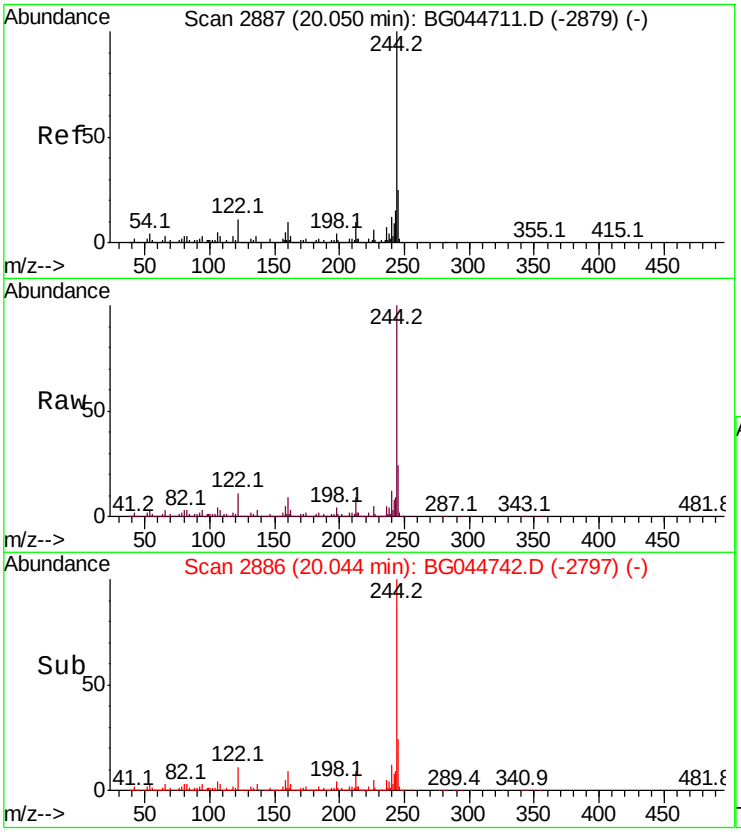


#77
Benzidine
Concen: 2.121 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.39 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion:184 Resp: 40216

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.9	19.3
183	8.8	10.6	15.8#



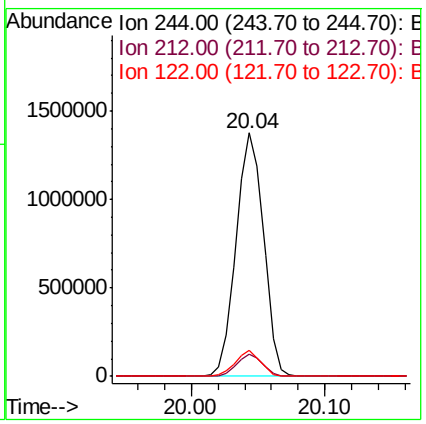


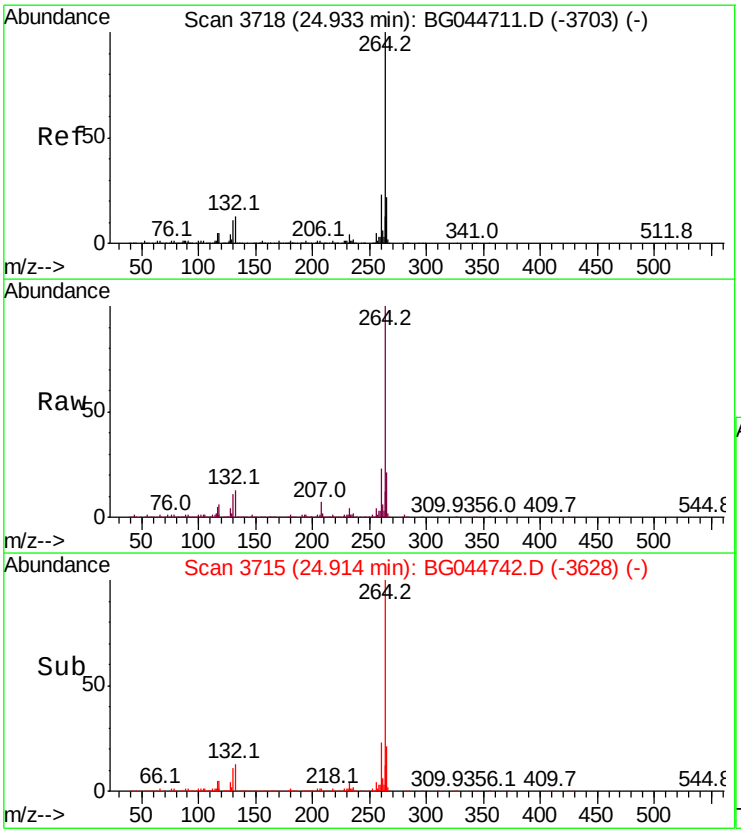
#79
Terphenyl-d14
Concen: 62.595 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1954663

Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.4	12.6
122	10.6	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG044742.D
Acq: 12 Mar 2020 19:30

Tgt Ion:264 Resp: 683593

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.5	17.4	26.2