Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044730.D
Acq On : 12 Mar 2020 11:33
Operator : CG/JU
Sample : PB127439BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 06:06:48 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	106185	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	410843	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	283053	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	650790	20.00	ng	0.00
76) Chrysene-d12	21.70	240	620538	20.00	ng	-0.01
87) Perylene-d12	24.66	264	57	20.00	ng	-0.27
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	709373	104.00	ng	0.00
7) Phenol-d6	7.21	99	994095	100.31	ng	0.00
23) Nitrobenzene-d5	9.21	82	644138	68.80	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	370367	99.93	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1372540	69.44	ng	0.00
79) Terphenyl-d14	20.05	244	2239675	67.51	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.22	77	2064	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.21	70	85868	12.270	ng	# 75
26) 2-Nitrophenol	10.04	139	66	5.532	ng	# 28
32) Benzoic acid	10.25	122	62	9.680	ng	# 1
51) 2,6-Dinitrotoluene	14.68	165	37808	8.320	ng	# 20
54) 2,4-Dinitrophenol	14.67	184	62	8.346	ng	# 2
57) 2,4-Dinitrotoluene	14.68	165	37808	6.067	ng	# 17
65) 4,6-Dinitro-2-methylphenol	15.80	198	68	7.747	ng	# 35
67) 4-Bromophenyl-phenylether	16.17	248	24938	3.065	ng	# 1
88) Benzo(b)fluoranthene	23.65	252	144	38.267	ng	# 1
89) Benzo(k)fluoranthene	23.71	252	90	25.273	ng	# 1
90) Benzo(a)pyrene	24.51	252	142	40.329	ng	# 11

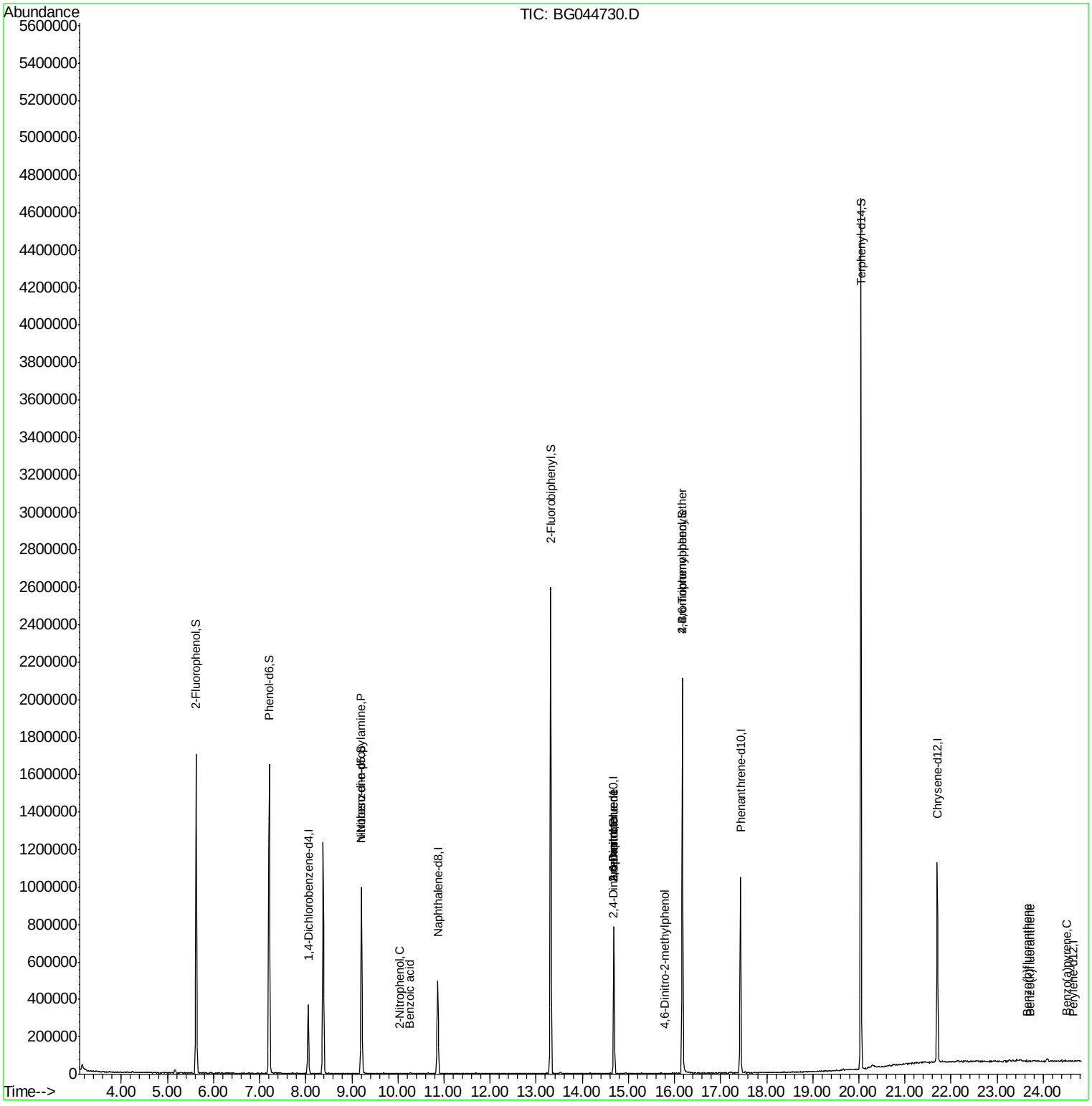
(#) = qualifier out of range (m) = manual integration (+) = signals summed

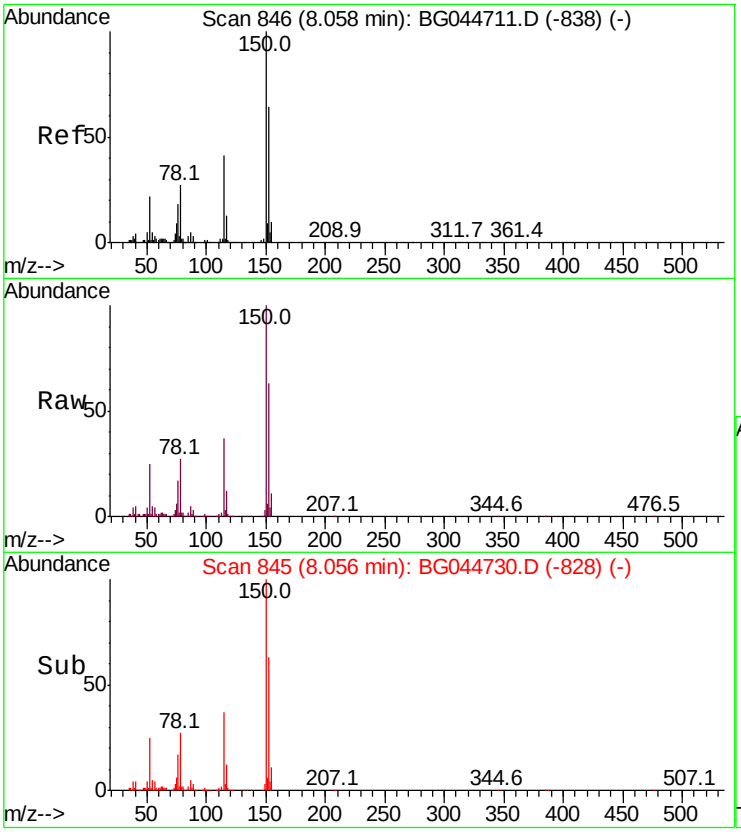
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044730.D
Acq On : 12 Mar 2020 11:33
Operator : CG/JU
Sample : PB127439BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 06:06:48 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



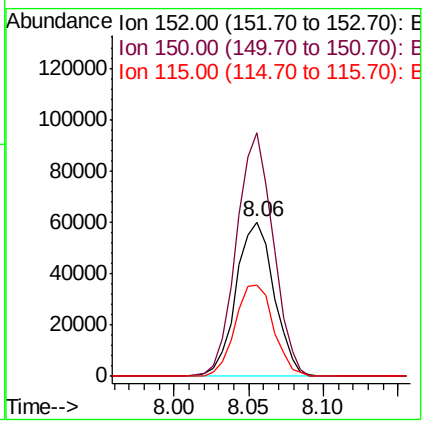


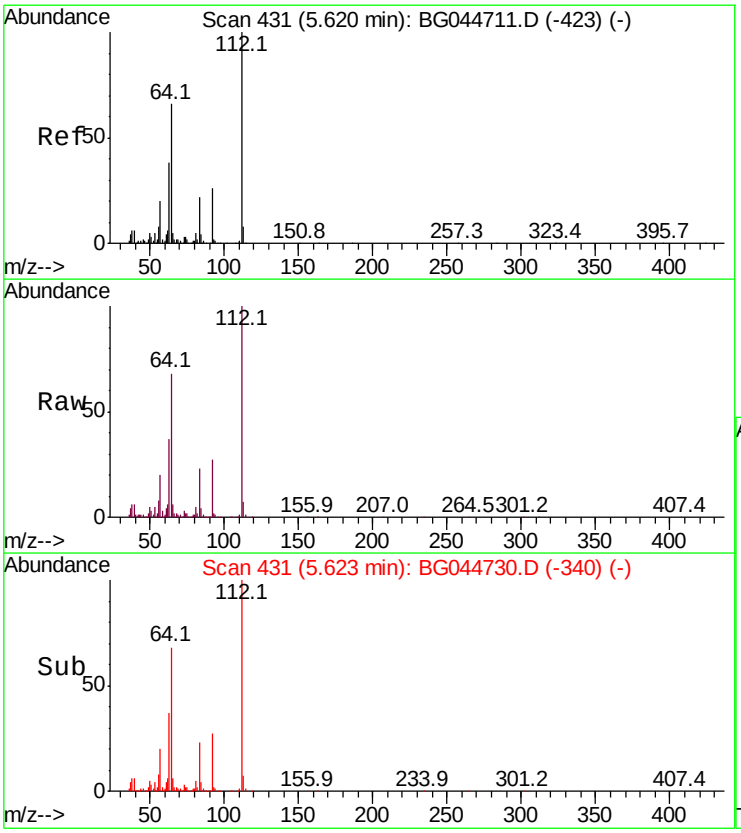
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 106185

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.3	187.9
115	58.9	51.7	77.5

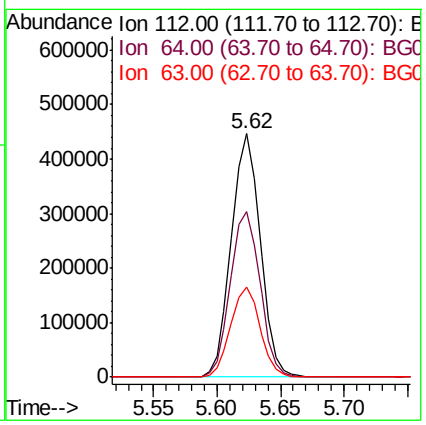


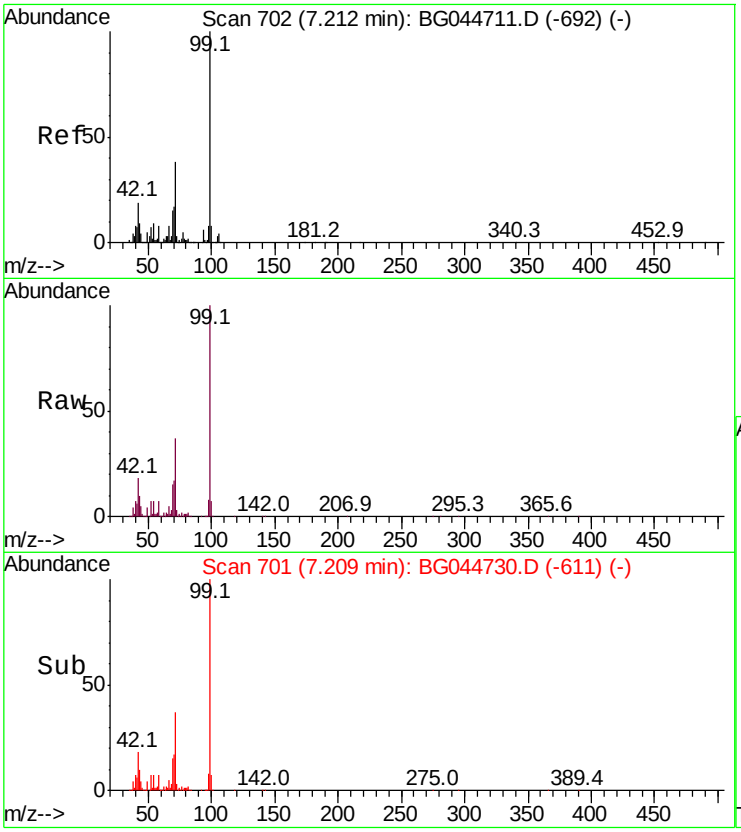


#5
2-Fluorophenol
Concen: 103.995 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion:112 Resp: 709373

Ion	Ratio	Lower	Upper
112	100		
64	67.8	52.6	78.8
63	37.1	30.2	45.4



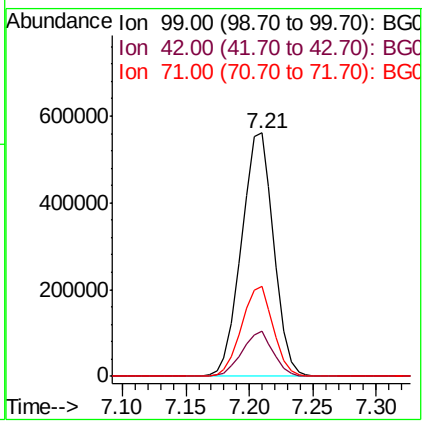


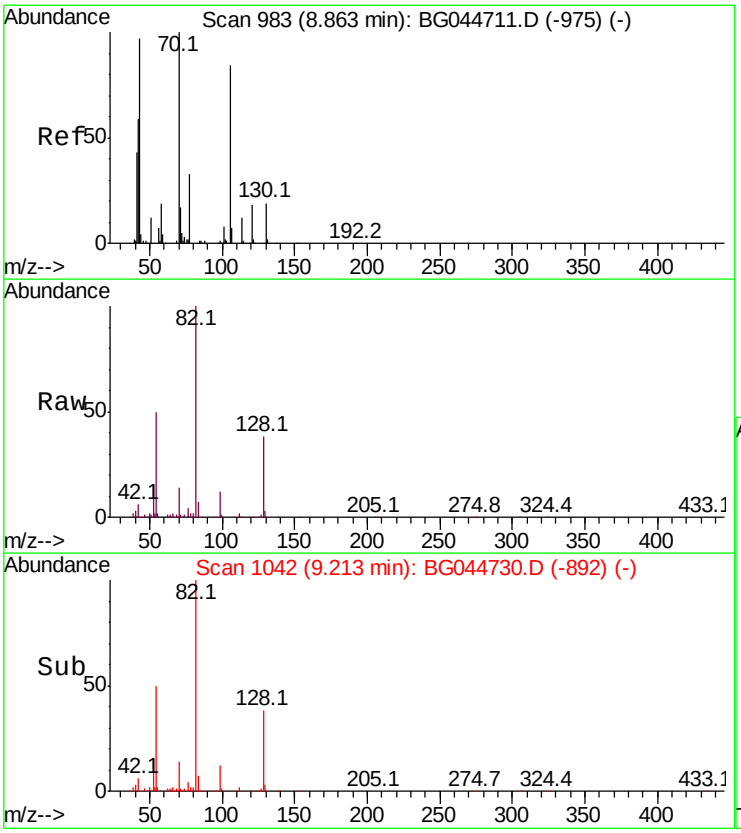
#7
Phenol-d6
Concen: 100.305 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 994095

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.4	23.0
71	37.2	30.2	45.4

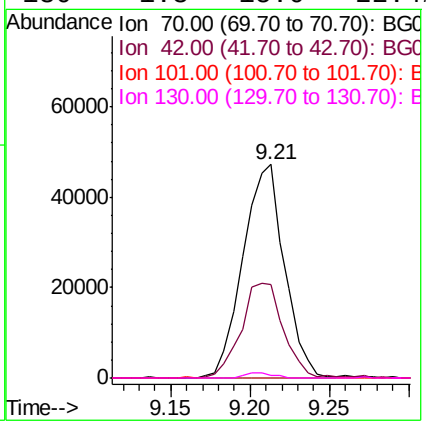


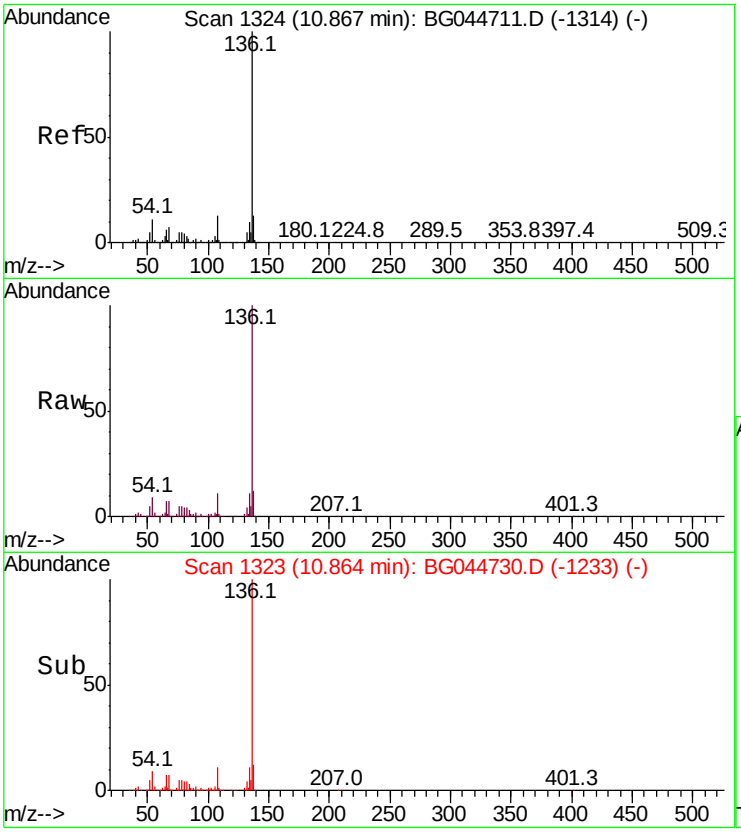


#19
n-Nitroso-di-n-propylamine
Concen: 12.270 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion: 70 Resp: 85868

Ion	Ratio	Lower	Upper
70	100		
42	43.9	47.6	71.4#
101	0.0	6.5	9.7#
130	1.3	15.0	22.4#



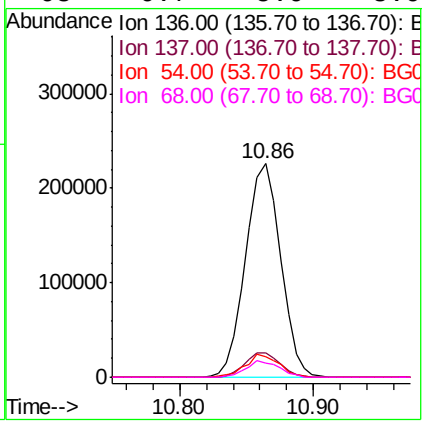


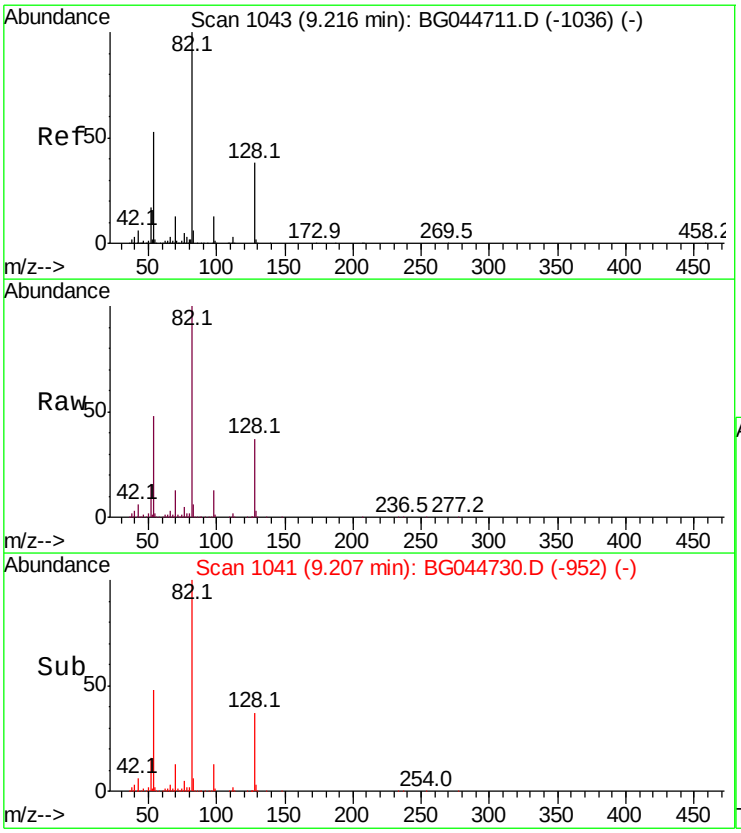
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 410843

Ion	Ratio	Lower	Upper
136	100		
137	11.6	10.7	16.1
54	9.5	9.0	13.4
68	6.7	5.9	8.9

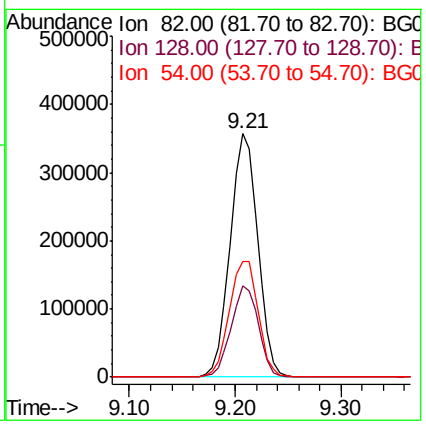


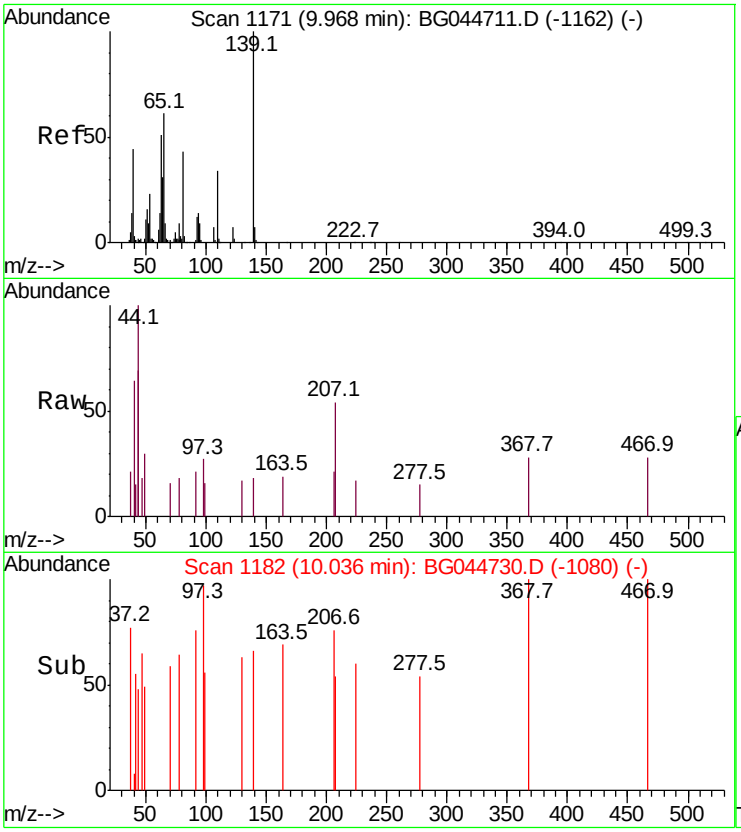


#23
Nitrobenzene-d5
Concen: 68.799 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion: 82 Resp: 644138

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.2	45.2
54	47.7	41.8	62.8



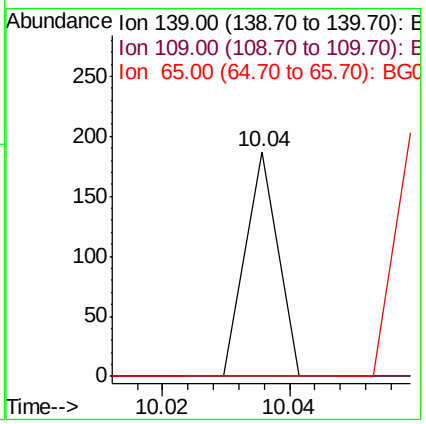


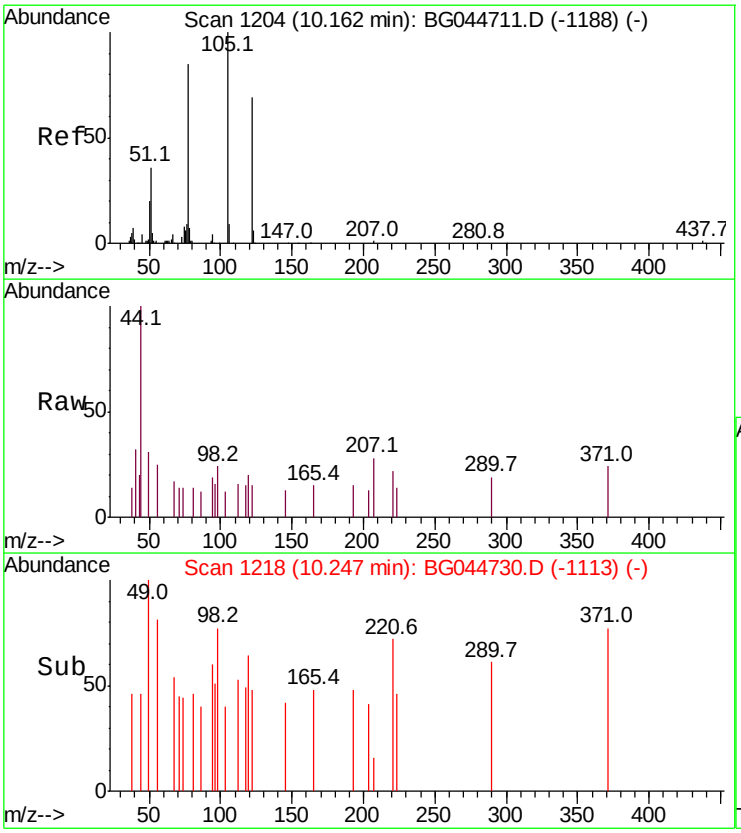
#26
2-Nitrophenol
Concen: 5.532 ng
RT: 10.04 min Scan# 1182
Delta R.T. 0.07 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 66

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

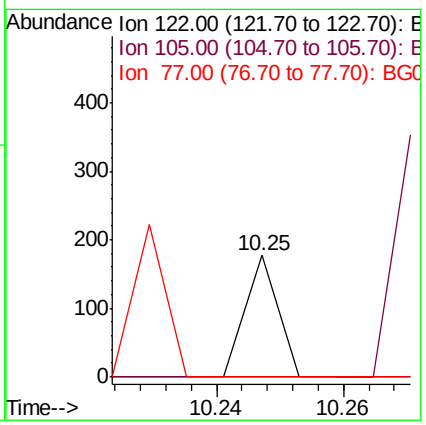


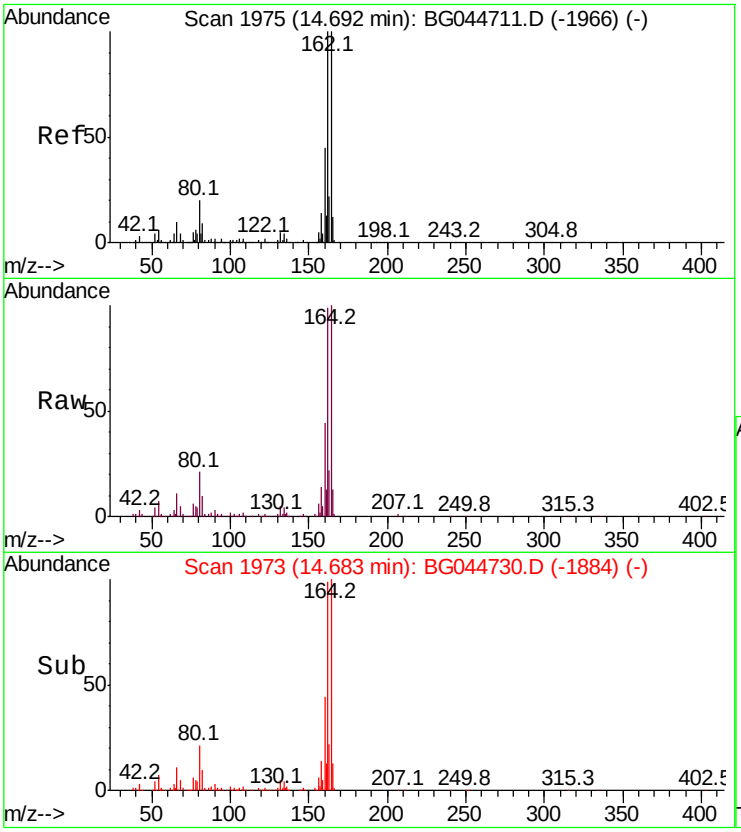


#32
Benzoic acid
Concen: 9.680 ng
RT: 10.25 min Scan# 1218
Delta R.T. 0.09 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

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#



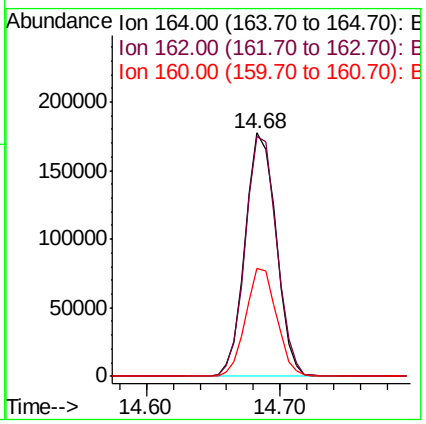


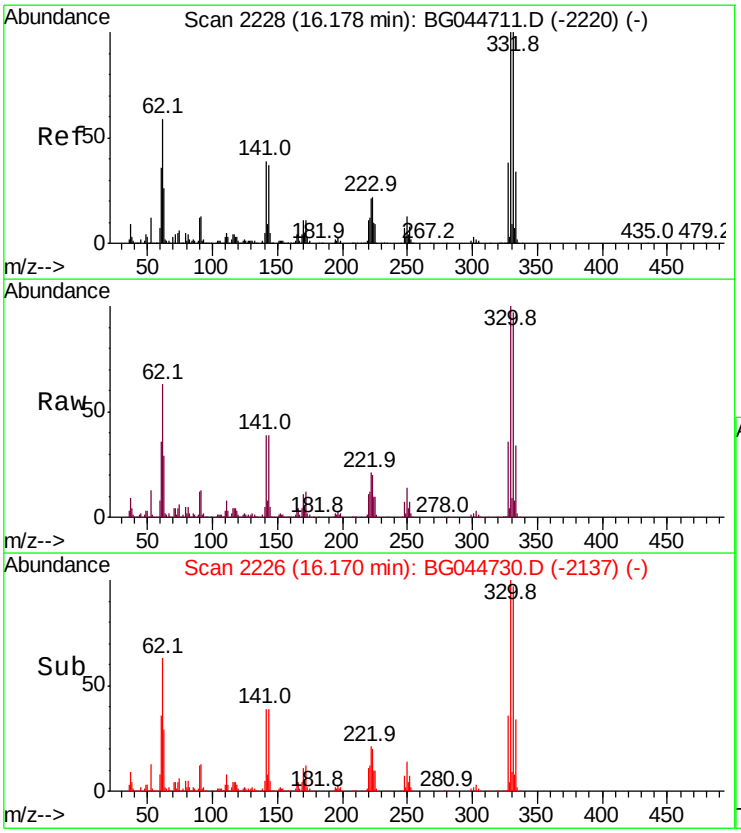
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 283053

Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.2	120.4
160	44.5	36.2	54.2

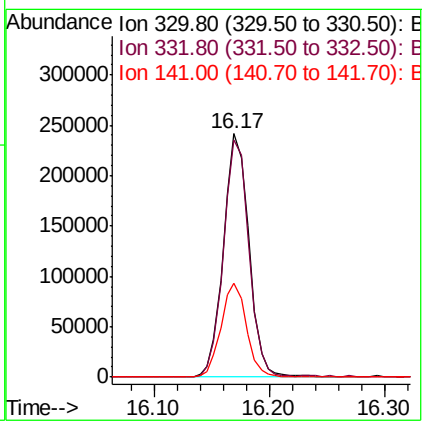


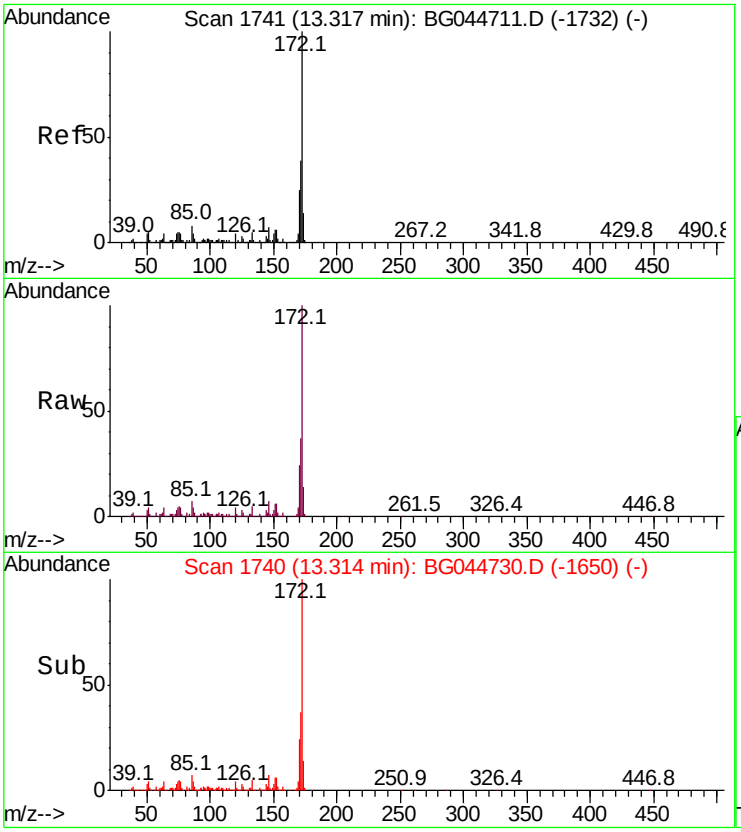


#42
2,4,6-Tribromophenol
Concen: 99.933 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion:330 Resp: 370367

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.5	116.3
141	38.9	31.7	47.5



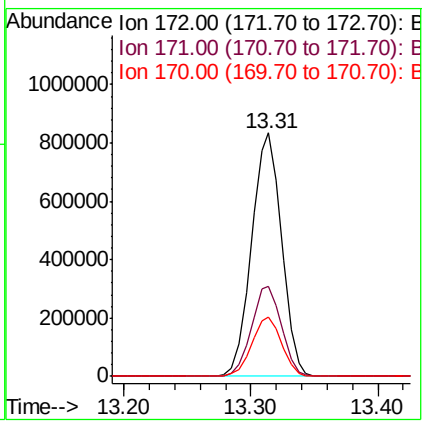


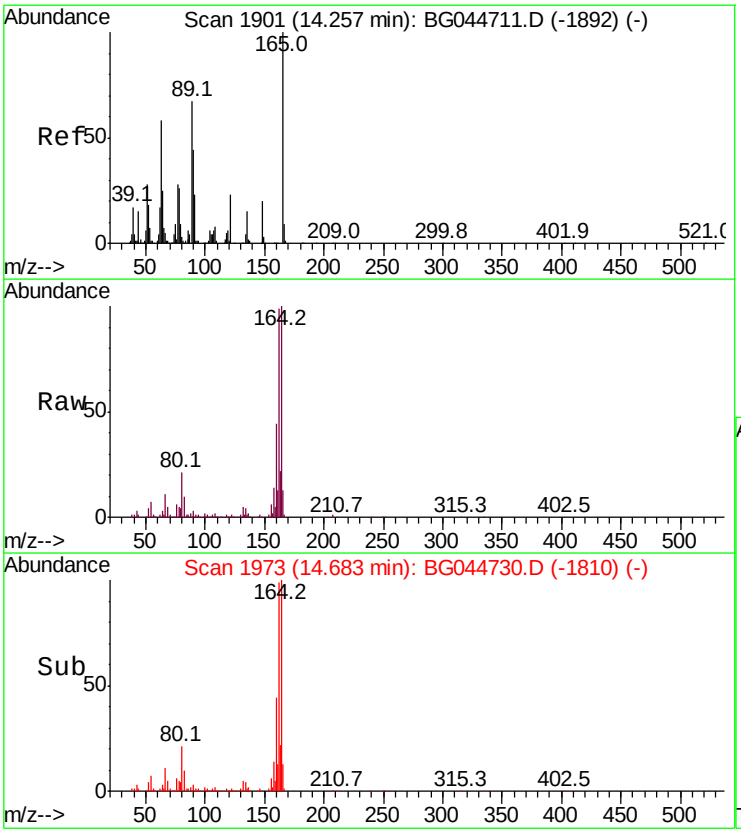
#45
2-Fluorobiphenyl
Concen: 69.440 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1372540

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.1	20.0	30.0

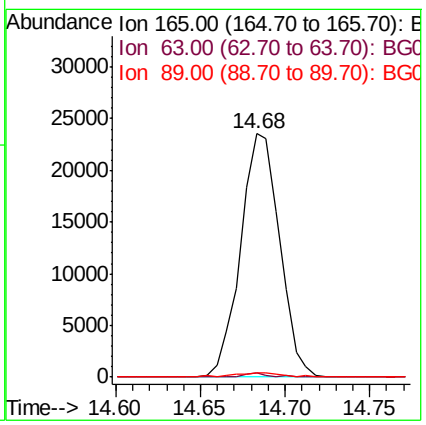


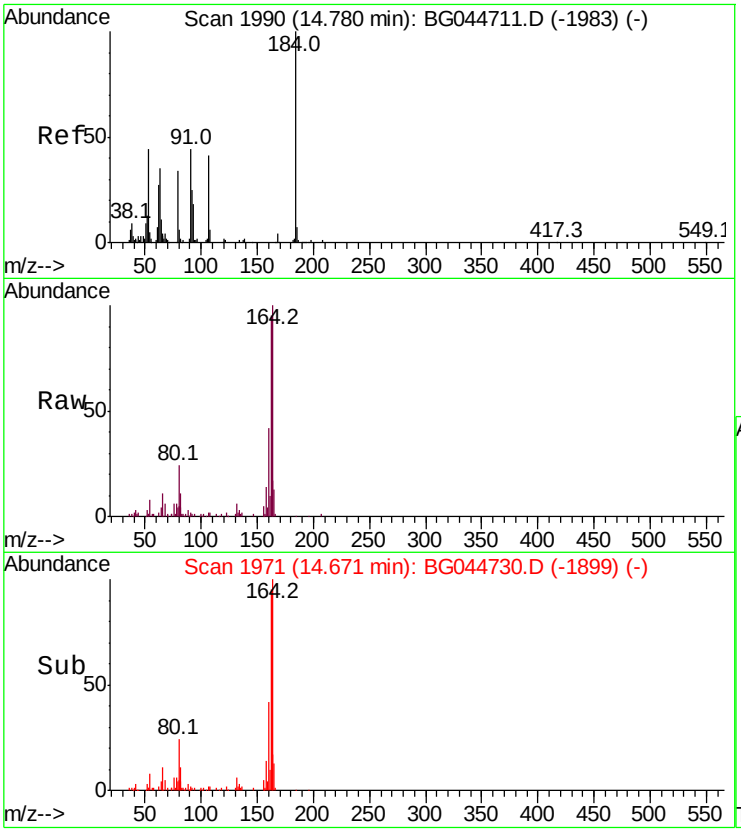


#51
2,6-Dinitrotoluene
Concen: 8.320 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.43 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion:165 Resp: 37808

Ion	Ratio	Lower	Upper
165	100		
63	1.7	48.9	73.3#
89	1.6	53.8	80.8#



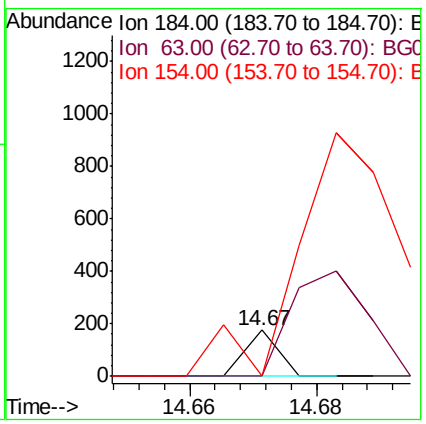


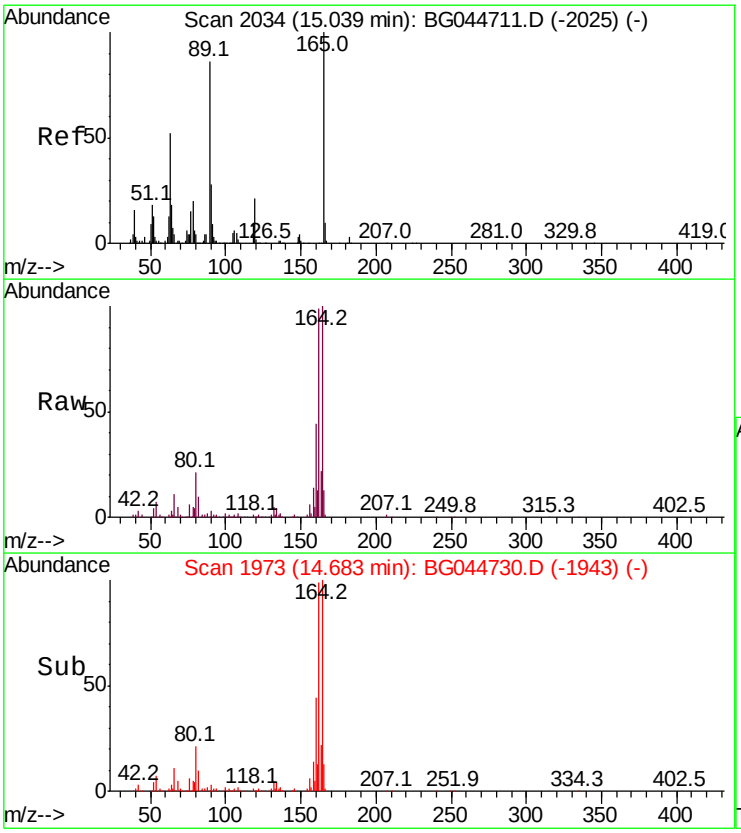
#54
2,4-Dinitrophenol
Concen: 8.346 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.11 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 62

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

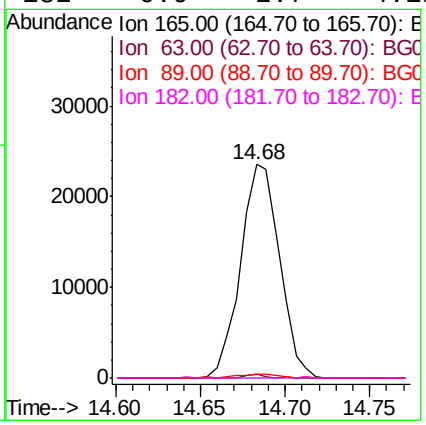


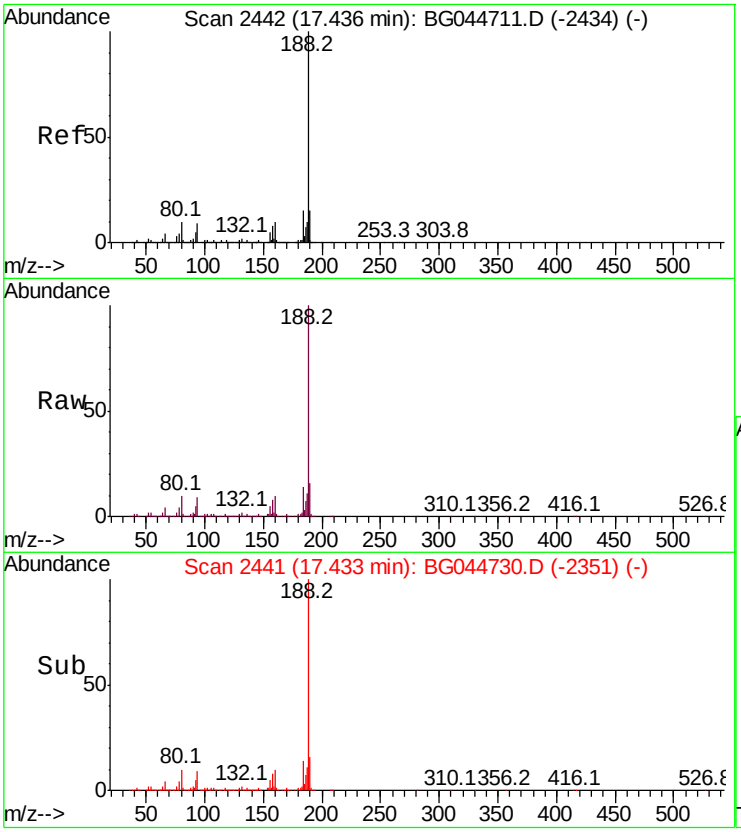


#57
2,4-Dinitrotoluene
Concen: 6.067 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.36 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion:165 Resp: 37808

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.5	62.3#
89	1.6	69.0	103.4#
182	0.0	2.7	4.1#



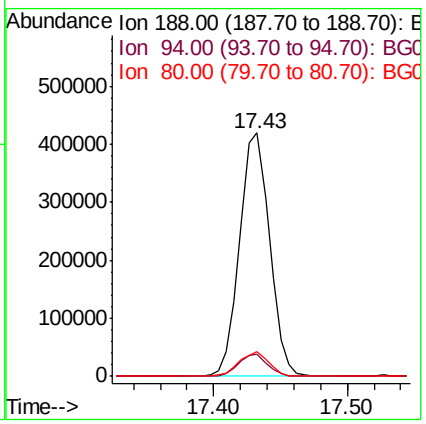


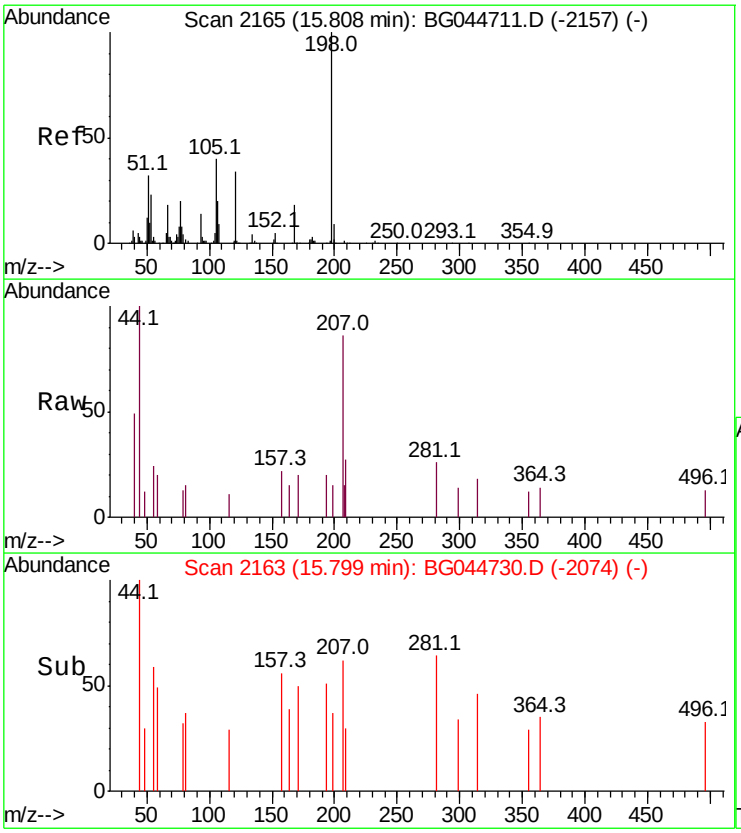
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 650790

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	9.9	8.4	12.6

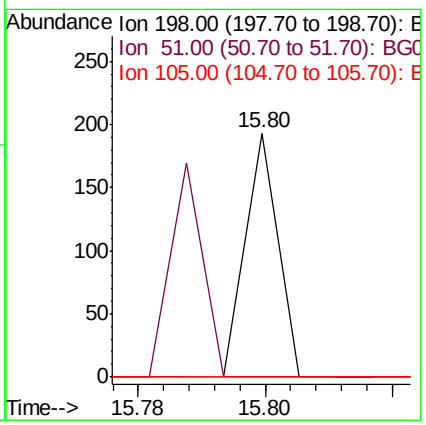


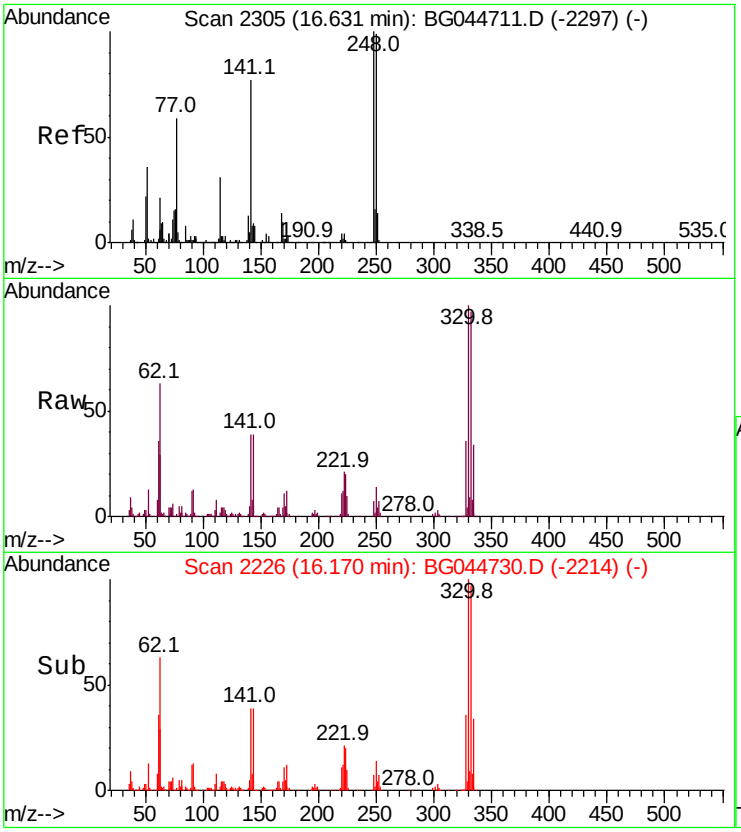


#65
4,6-Dinitro-2-methylphenol
Concen: 7.747 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion:198 Resp: 68

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



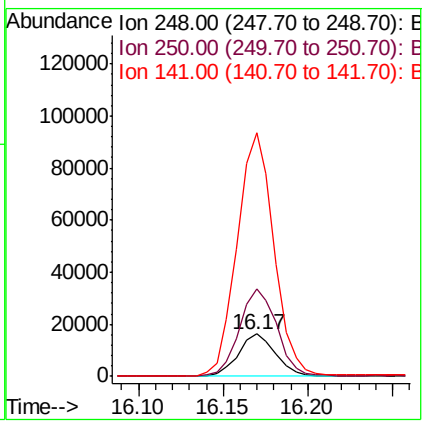


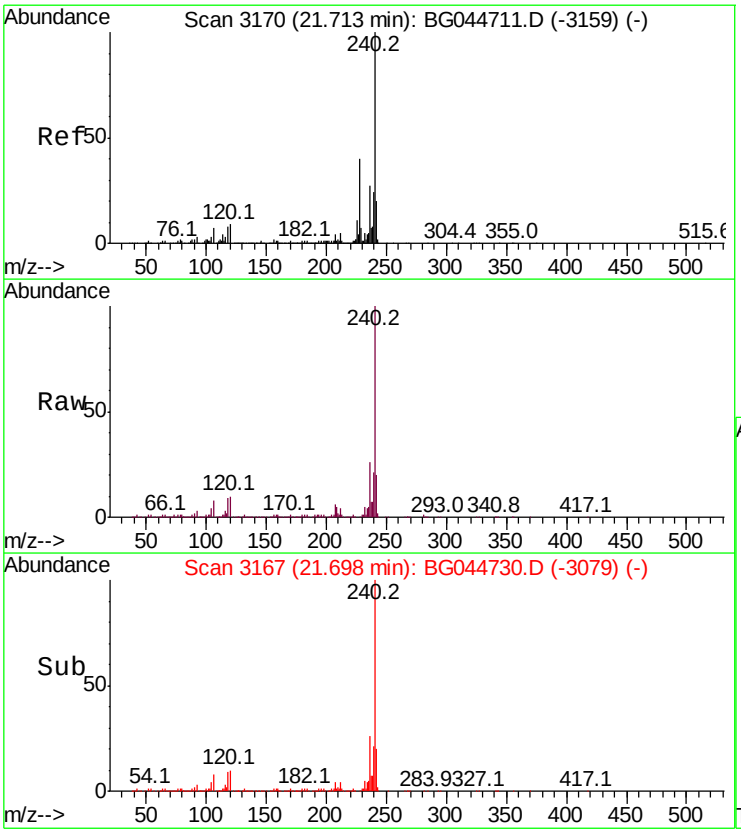
#67
4-Bromophenyl-phenylether
Concen: 3.065 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 24938

Ion	Ratio	Lower	Upper
248	100		
250	208.6	79.4	119.0#
141	578.2	61.7	92.5#

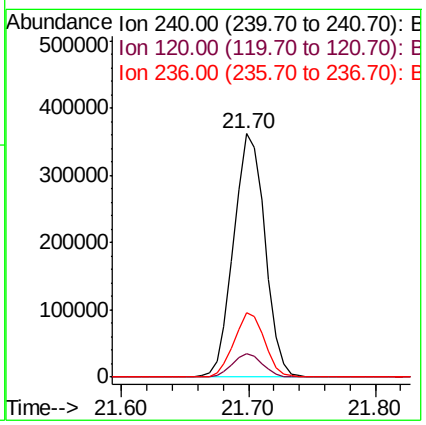


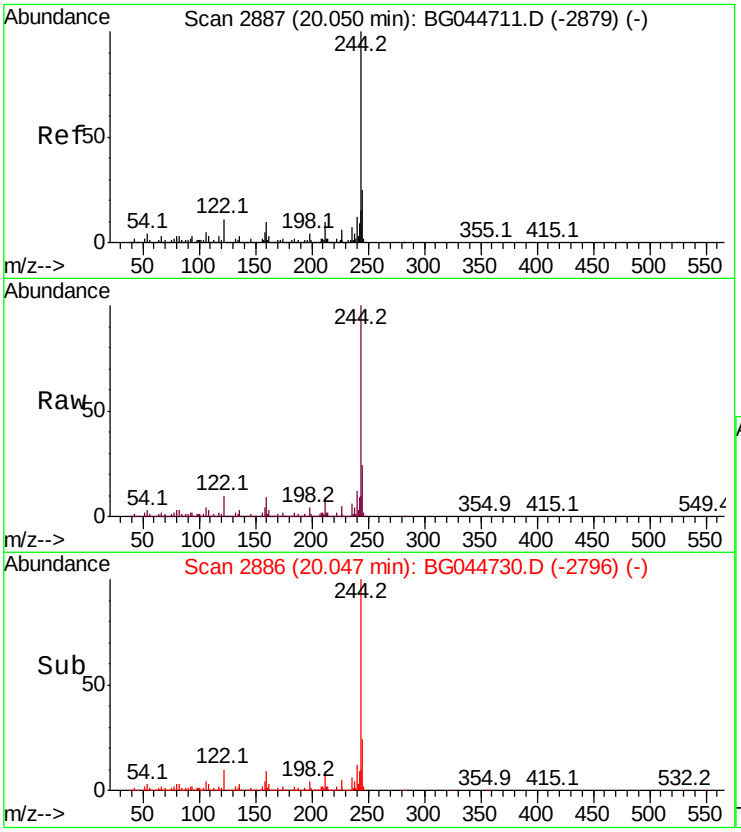


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion:240 Resp: 620538

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.9	10.3
236	26.3	21.9	32.9



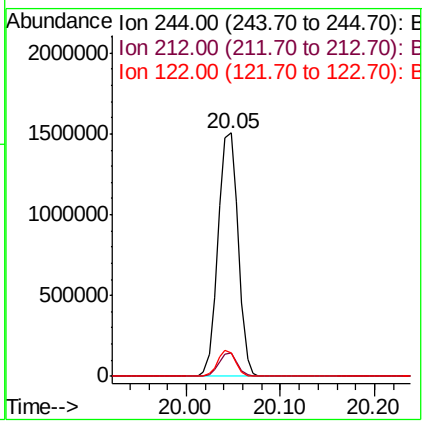


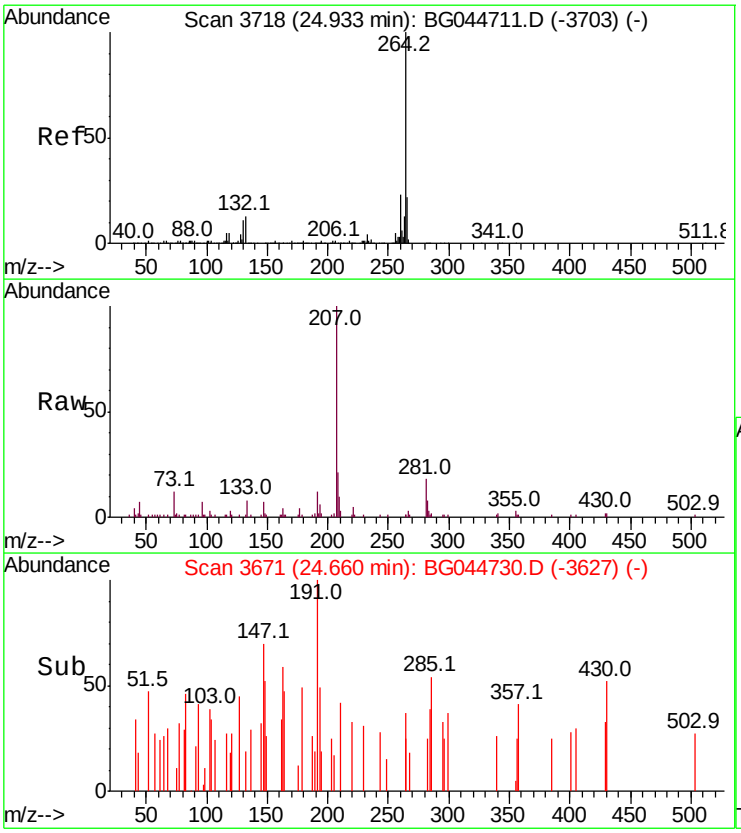
#79
Terphenyl-d14
Concen: 67.513 ng
RT: 20.05 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2239675

Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.4	12.6
122	9.8	8.7	13.1

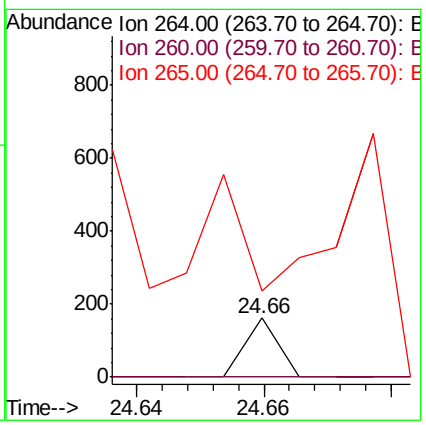


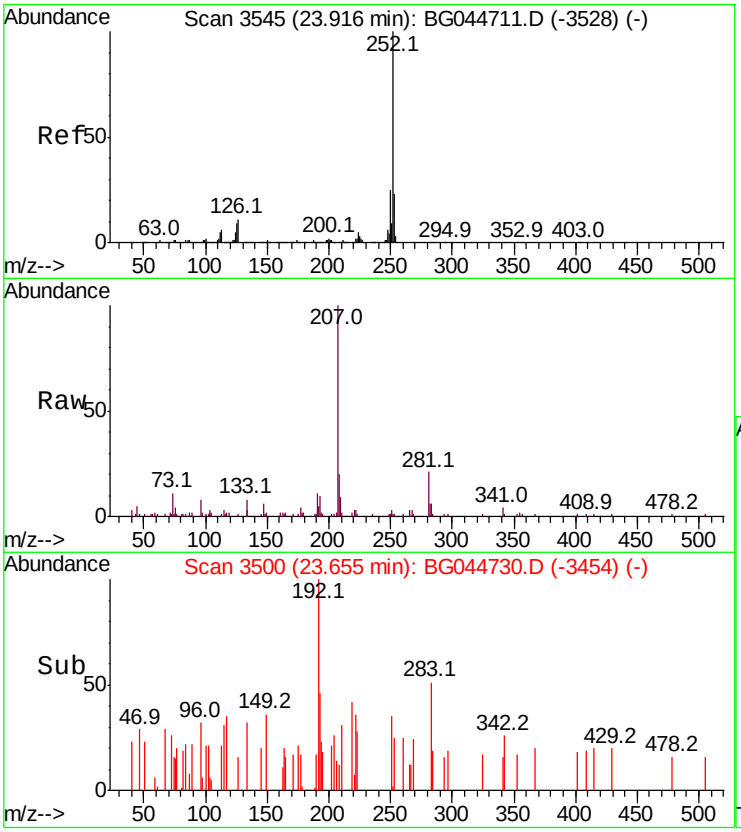


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. -0.27 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion:264 Resp: 57

Ion	Ratio	Lower	Upper
264	100		
260	0.0	18.4	27.6#
265	59.5	17.4	26.2#



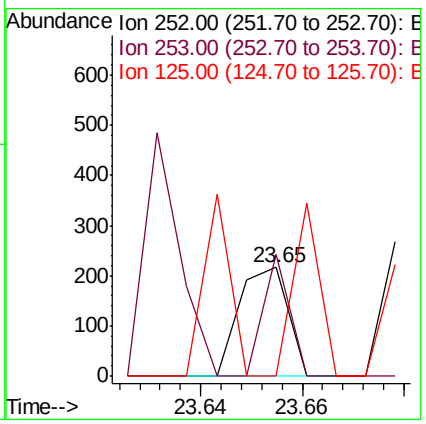


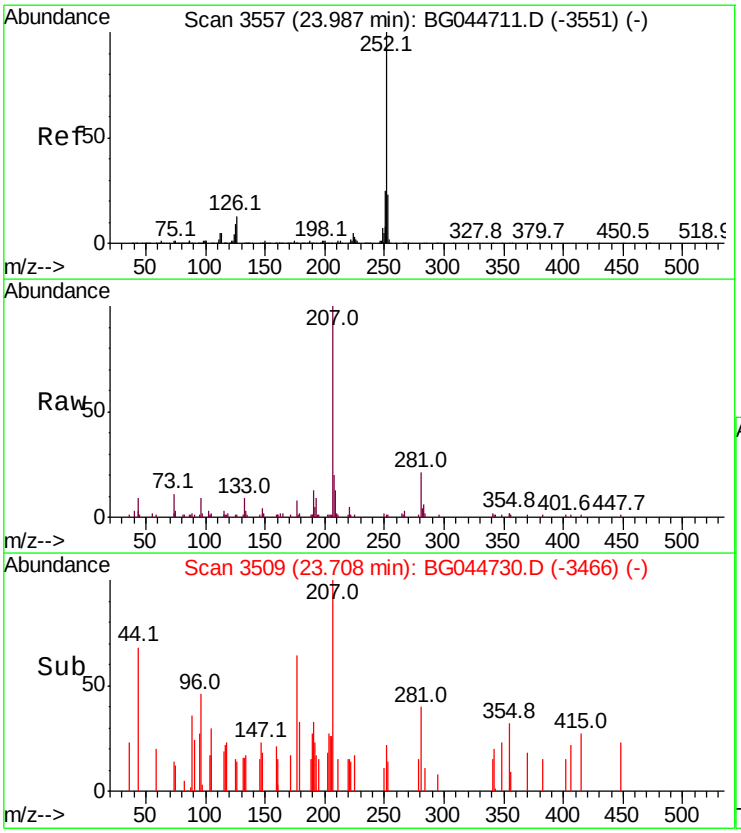
#88
Benzo(b)fluoranthene
Concen: 38.267 ng
RT: 23.65 min Scan# 3500
Delta R.T. -0.26 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 144

Ion	Ratio	Lower	Upper
252	100		
253	112.0	18.7	28.1#
125	0.0	7.2	10.8#

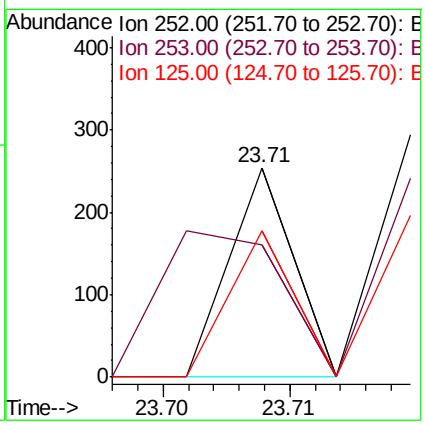


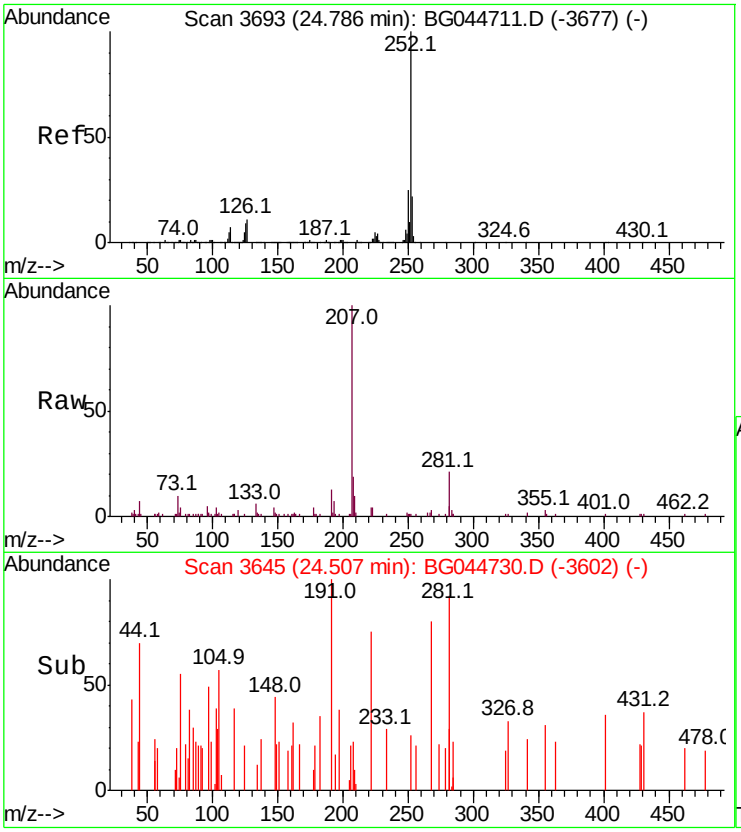


#89
Benzo(k)fluoranthene
Concen: 25.273 ng
RT: 23.71 min Scan# 3509
Delta R.T. -0.28 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Tgt Ion:252 Resp: 90

Ion	Ratio	Lower	Upper
252	100		
253	63.0	18.4	27.6#
125	69.7	7.0	10.4#





#90
Benzo(a)pyrene
Concen: 40.329 ng
RT: 24.51 min Scan# 3645
Delta R.T. -0.28 min
Lab File: BG044730.D
Acq: 12 Mar 2020 11:33

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 142

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	79.1	7.0	10.6#