Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011020\

Quantitation Report (Not Reviewed)

Data File : BG044010.D
Acq On : 10 Jan 2020 20:38
Operator : JU
Sample : L1084-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AF-1

Quant Time: Jan 11 04:16:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	30856	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	127531	20.00	ng		-0.01
39) Acenaphthene-d10	14.59	164	74838	20.00	ng		-0.01
64) Phenanthrene-d10	17.32	188	146778	20.00	ng		-0.01
76) Chrysene-d12	21.57	240	118536	20.00	ng		-0.02
87) Perylene-d12	24.69	264	134512	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	129219	76.89	ng		0.00
7) Phenol-d6	7.12	99	188070	80.06	ng		0.00
23) Nitrobenzene-d5	9.11	82	110617	46.40	ng		-0.01
42) 2,4,6-Tribromophenol	16.07	330	56814	72.54	ng		-0.01
45) 2-Fluorobiphenyl	13.21	172	265089	64.18	ng		-0.01
79) Terphenyl-d14	19.94	244	342191	65.11	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.11	70	13516	7.726	ng	#	79
32) Benzoic acid	10.32	122	71	6.307	ng	#	35
49) Acenaphthylene	14.31	152	13675	2.194	ng		96
50) Dimethylphthalate	14.04	163	16936	3.187	ng	#	93
51) 2,6-Dinitrotoluene	14.58	165	10350	8.618	ng	#	28
56) 4-Nitrophenol	14.99	139	3698	3.538	ng	#	24
65) 4,6-Dinitro-2-methylphenol	16.08	198	54	4.455	ng	#	1
67) 4-Bromophenyl-phenylether	16.07	248	4108	2.488	ng	#	1
71) Phenanthrene	17.37	178	221523	31.465	ng		95
72) Anthracene	17.46	178	43149	6.202	ng		96
73) Carbazole	17.73	167	22513	3.503	ng		95
75) Fluoranthene	19.38	202	564605	70.124	ng		93
78) Pyrene	19.74	202	567309	73.321	ng		93
81) Benzo(a)anthracene	21.55	228	319258	43.436	ng		96
83) Chrysene	21.62	228	324004	46.392	ng		96
84) Bis(2-ethylhexyl)phthalate	21.48	149	23902	4.703	ng	#	96
86) Indeno(1,2,3-cd)pyrene	28.23	276	256455	27.020	ng		94
88) Benzo(b)fluoranthene	23.71	252	526043	66.152	ng		97
89) Benzo(k)fluoranthene	23.71	252	526043	69.565	ng		97
90) Benzo(a)pyrene	24.54	252	341230	45.465	ng		98
91) Dibenzo(a,h)anthracene	28.27	278	63313	8.400	ng		93
92) Benzo(g,h,i)perylene	29.32	276	258854	34.573	ng		97

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

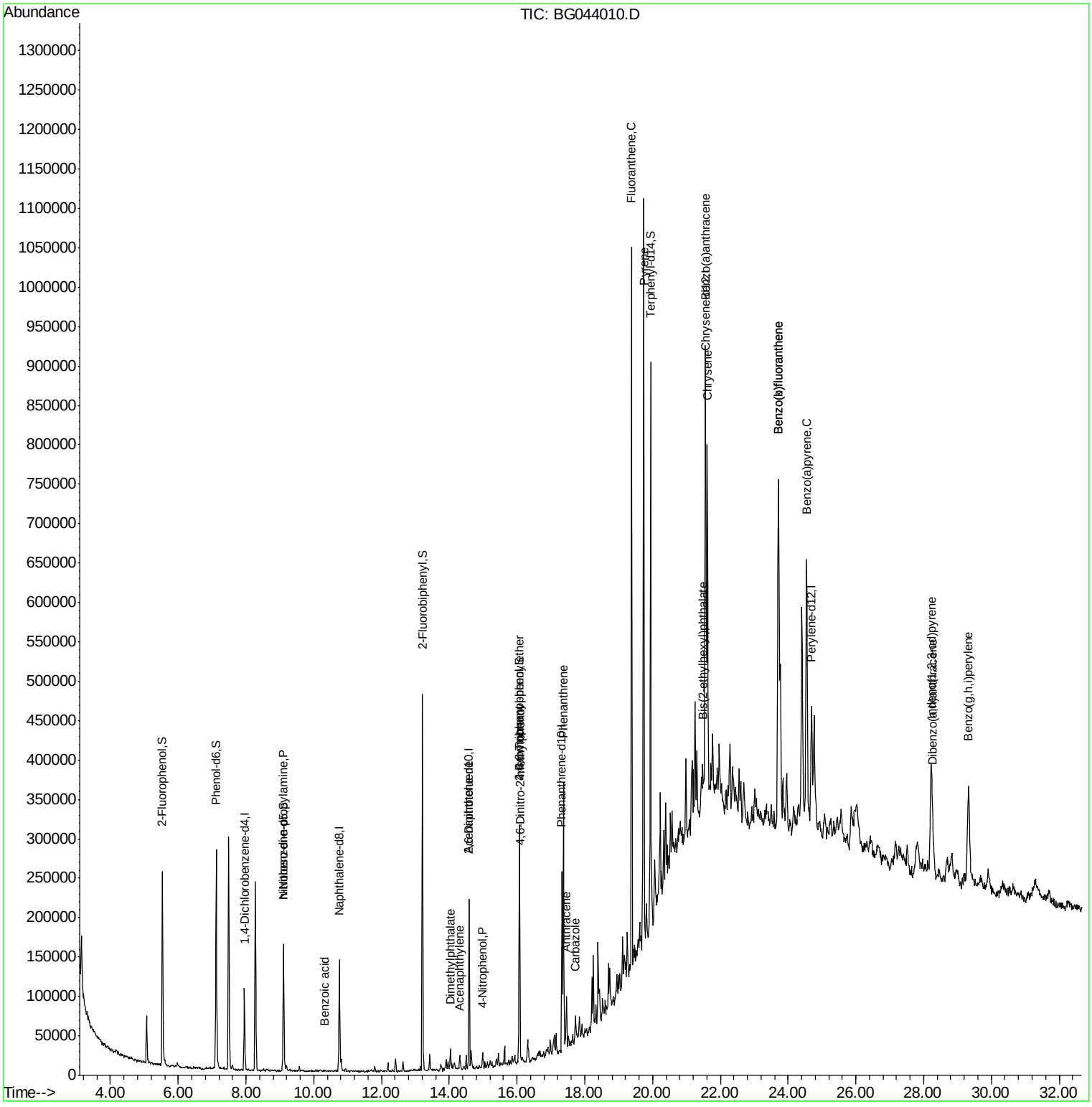
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011020\

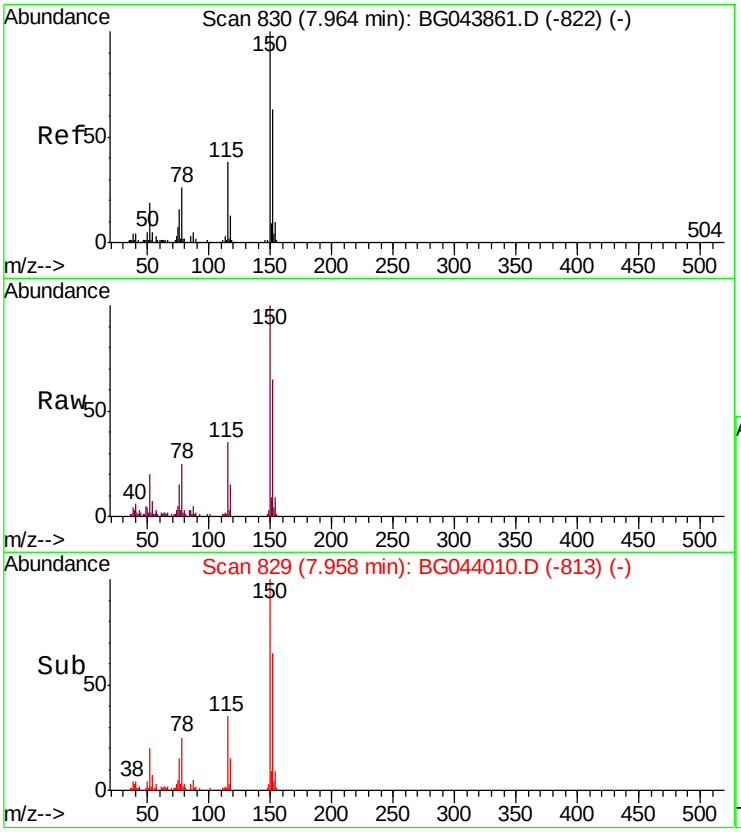
Quantitation Report (Not Reviewed)

Data File : BG044010.D
Acq On : 10 Jan 2020 20:38
Operator : JU
Sample : L1084-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AF-1

Quant Time: Jan 11 04:16:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration



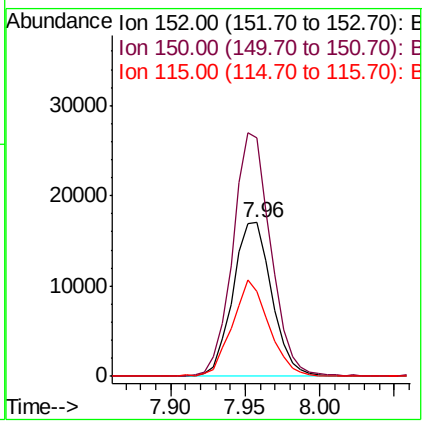


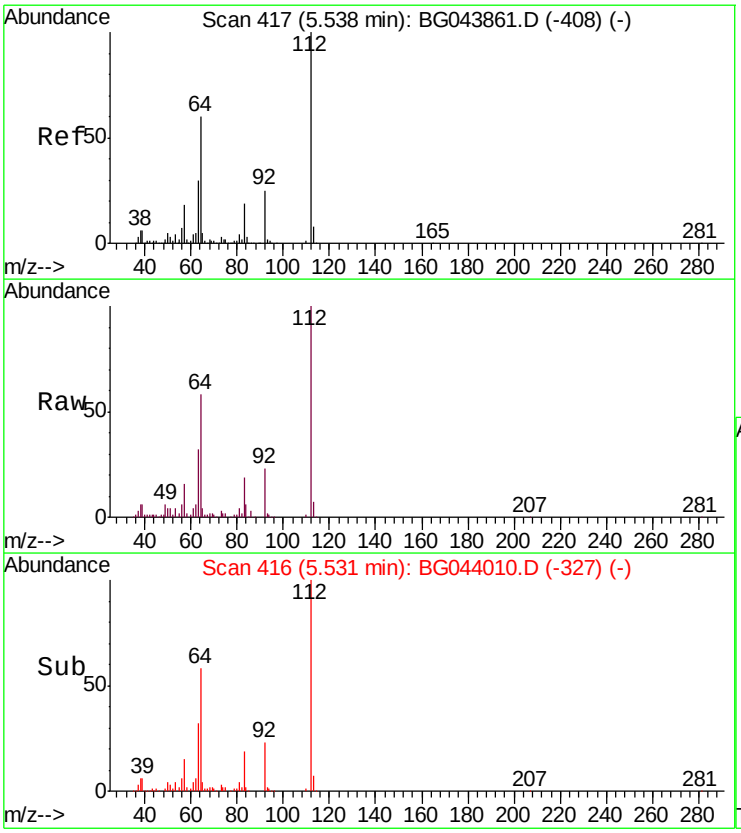
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:152 Resp: 30856

Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.0	190.4
115	54.8	47.8	71.8

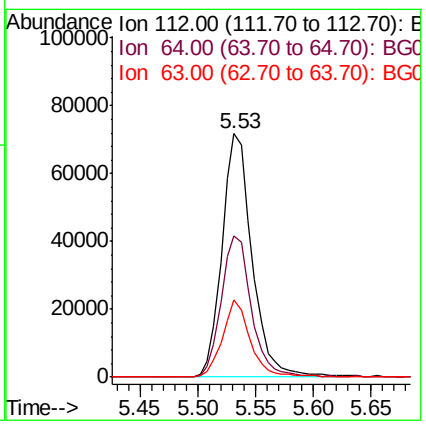


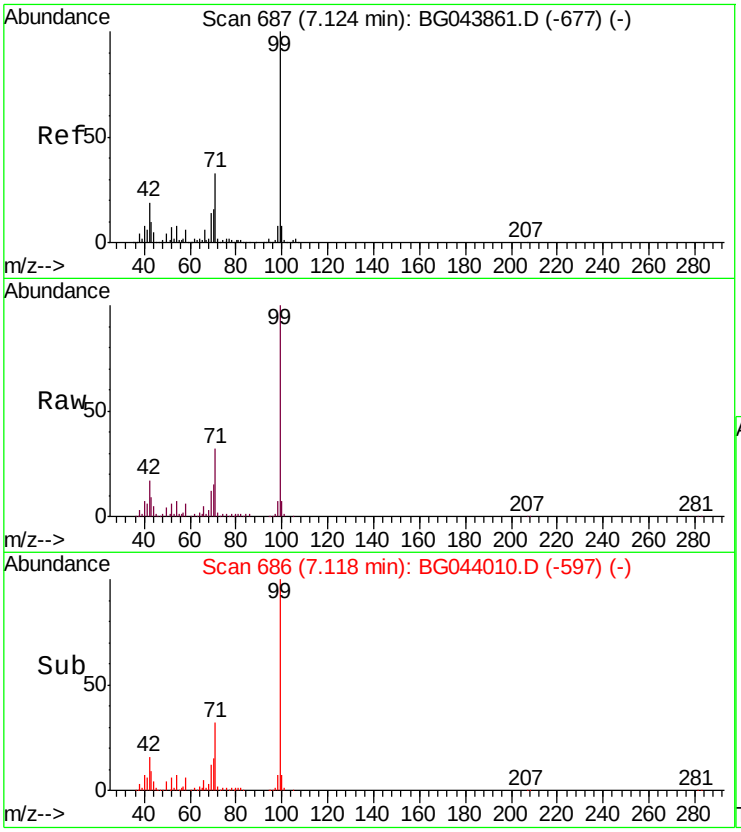


#5
2-Fluorophenol
Concen: 76.893 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:112 Resp: 129219

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.8	71.6
63	31.8	24.3	36.5



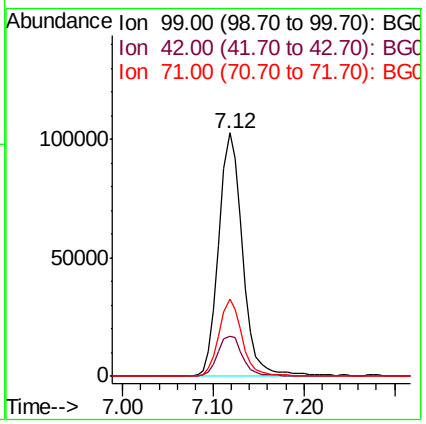


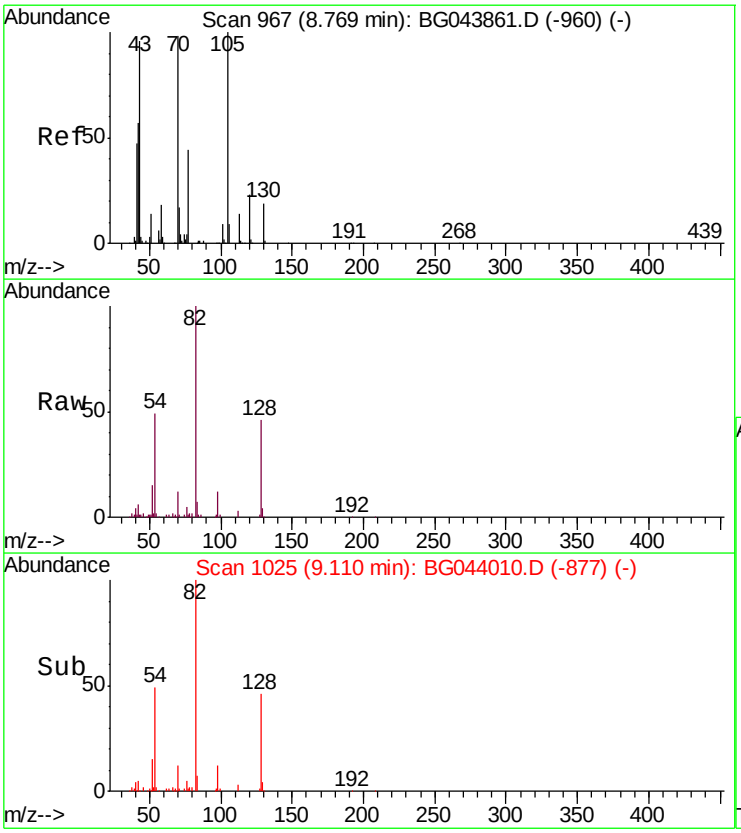
#7
Phenol-d6
Concen: 80.063 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion: 99 Resp: 188070

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.9	22.3
71	31.6	26.4	39.6

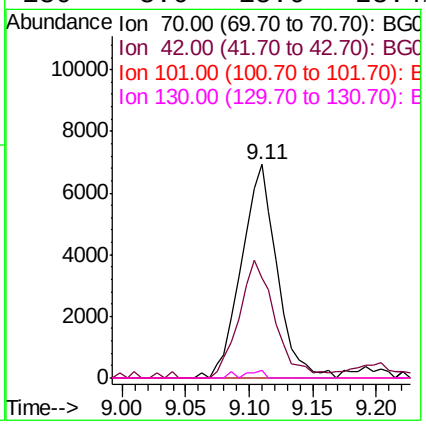


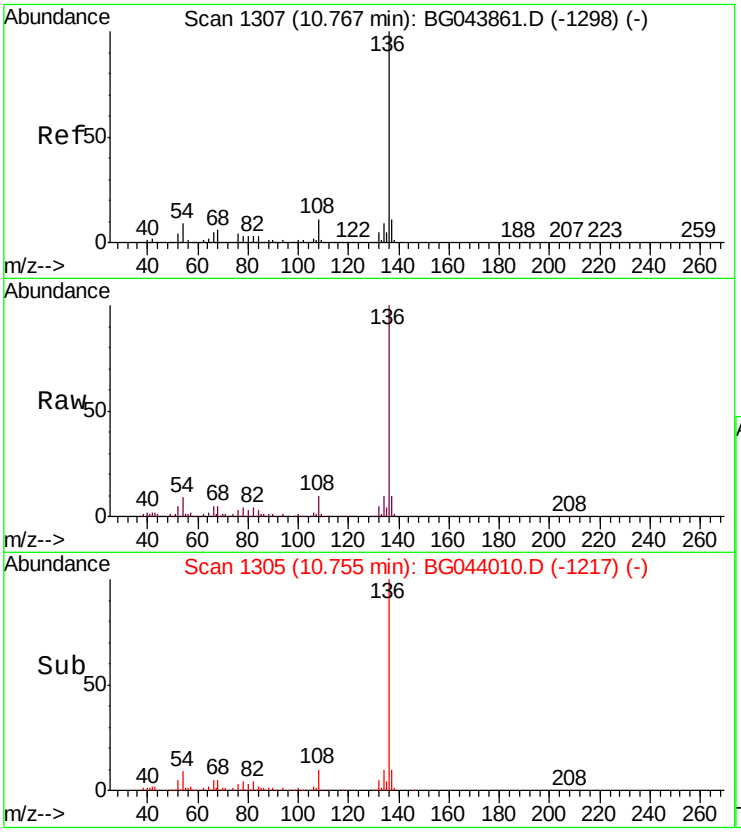


#19
n-Nitroso-di-n-propylamine
Concen: 7.726 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.34 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion: 70 Resp: 13516

Ion	Ratio	Lower	Upper
70	100		
42	46.9	47.0	70.4#
101	0.0	7.2	10.8#
130	3.6	15.6	23.4#



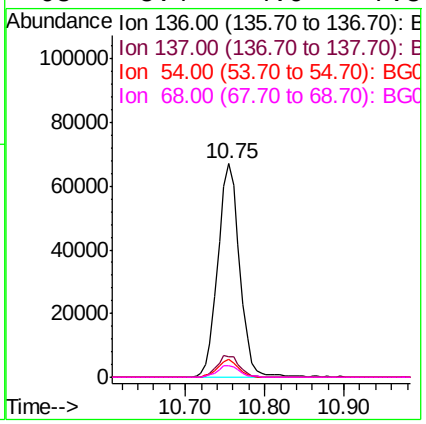


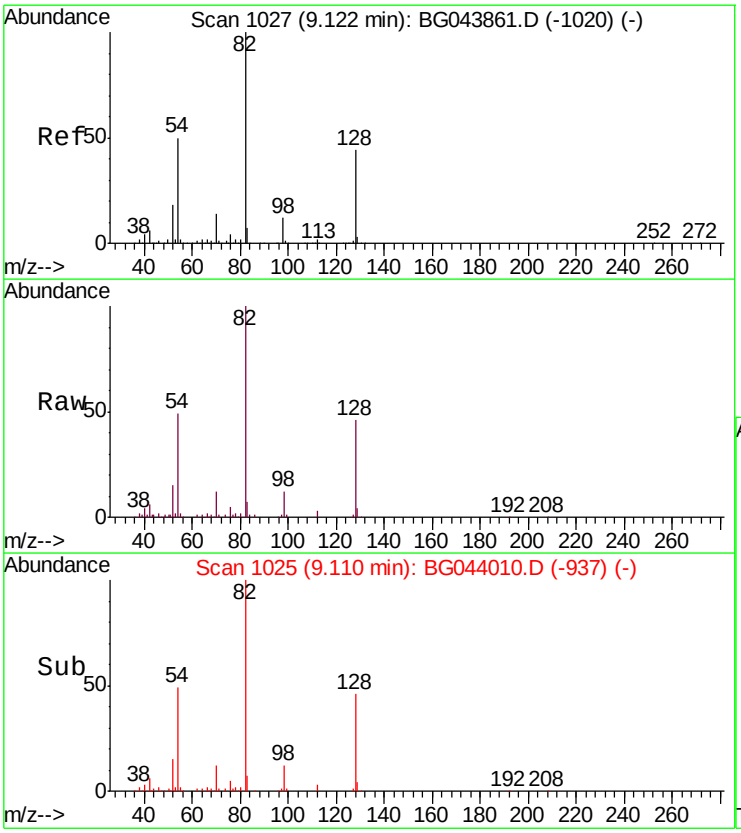
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:136 Resp: 127531

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.8	13.2
54	8.5	7.0	10.4
68	5.4	4.9	7.3

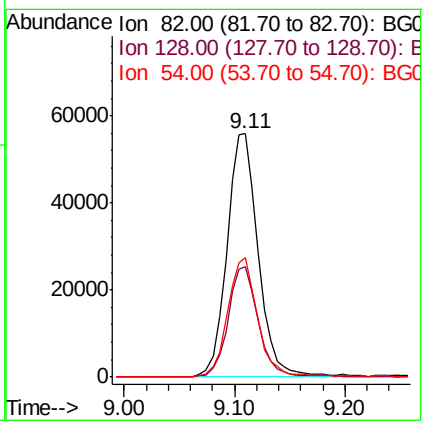


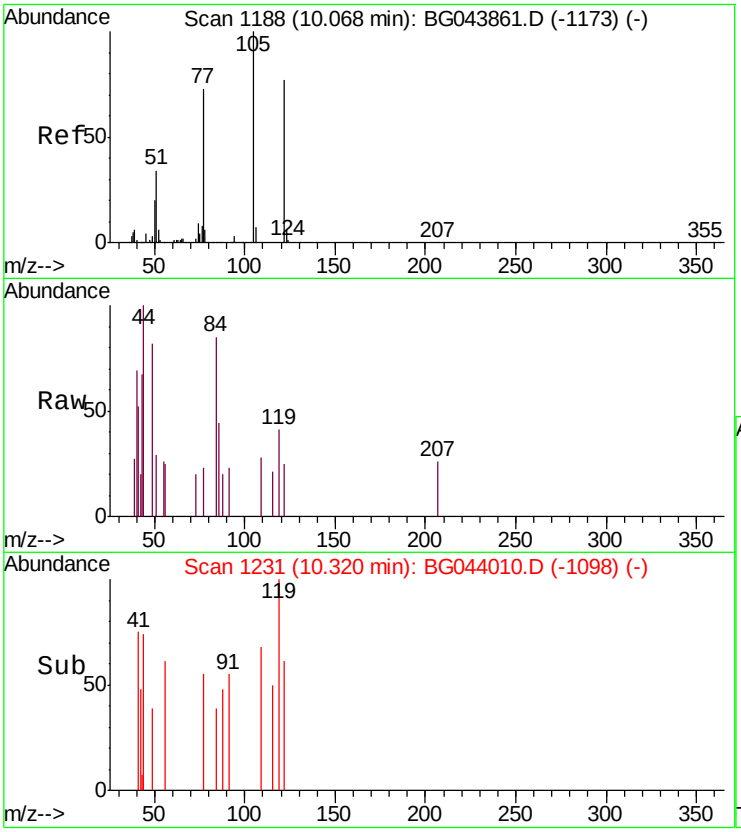


#23
Nitrobenzene-d5
Concen: 46.401 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion: 82 Resp: 110617

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.1	52.7
54	48.9	40.1	60.1



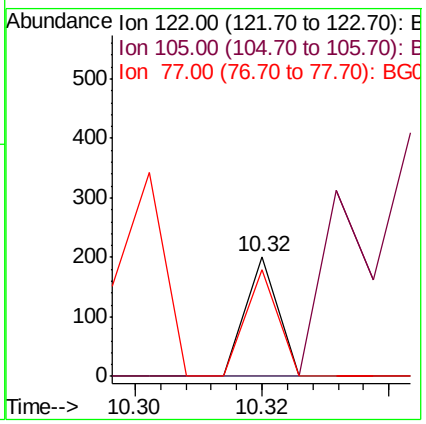


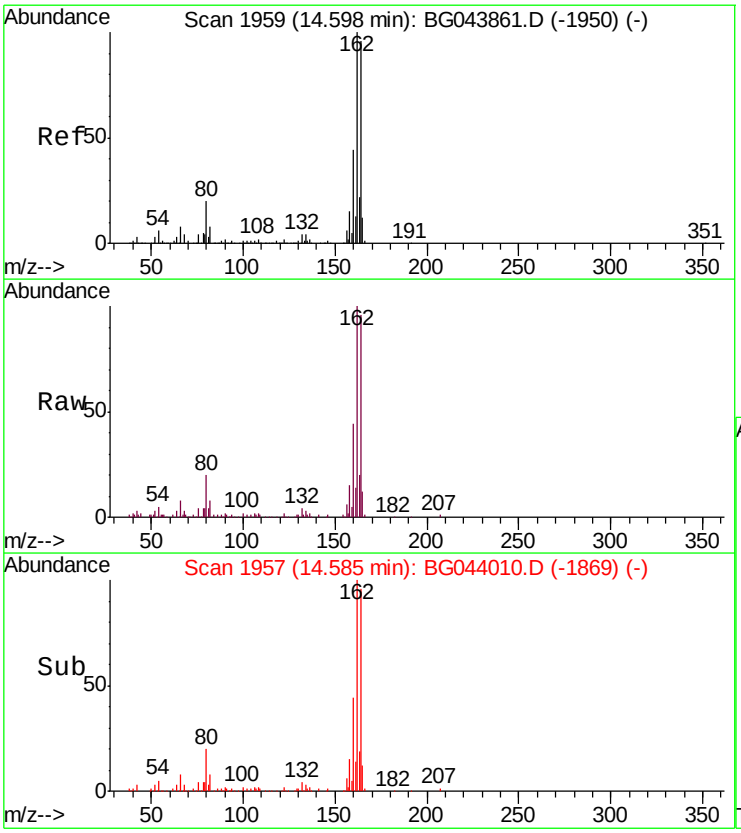
#32
Benzoic acid
Concen: 6.307 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.25 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:122 Resp: 71

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.4	146.4#
77	89.6	74.6	114.6

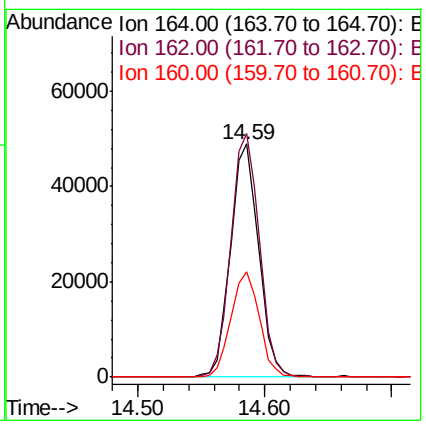


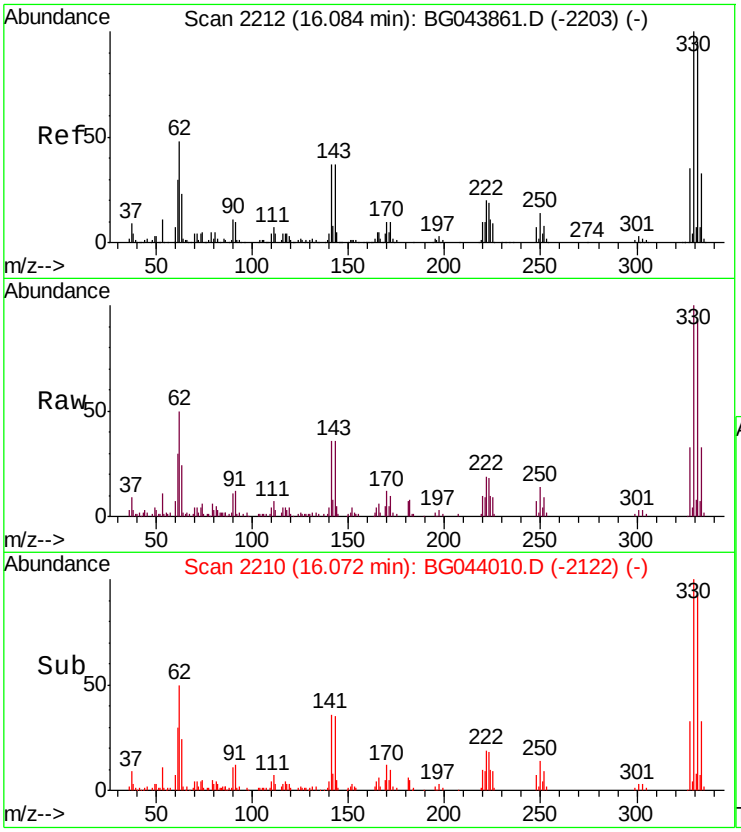


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:164 Resp: 74838

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.4
160	45.5	36.1	54.1



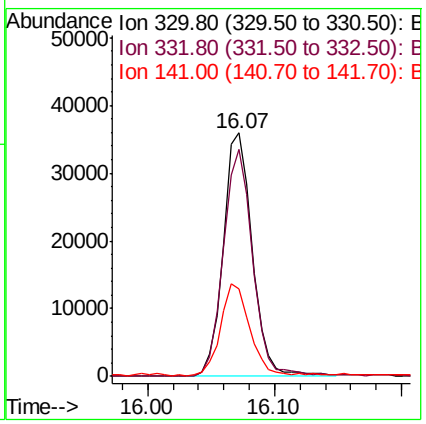


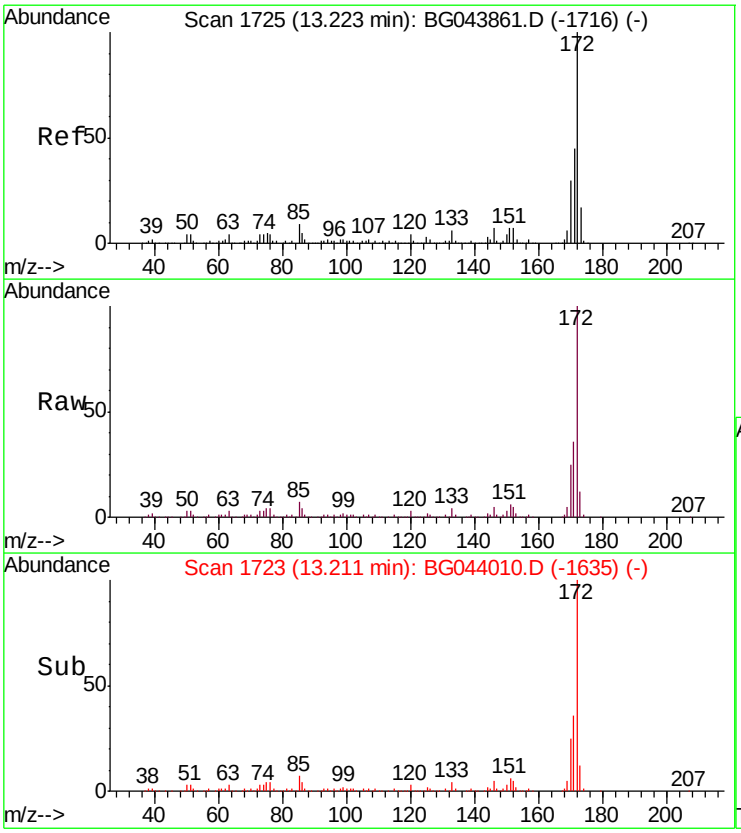
#42
2,4,6-Tribromophenol
Concen: 72.544 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:330 Resp: 56814

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.2	115.8
141	39.3	33.1	49.7

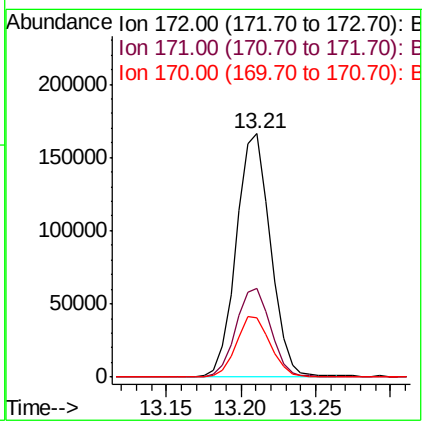


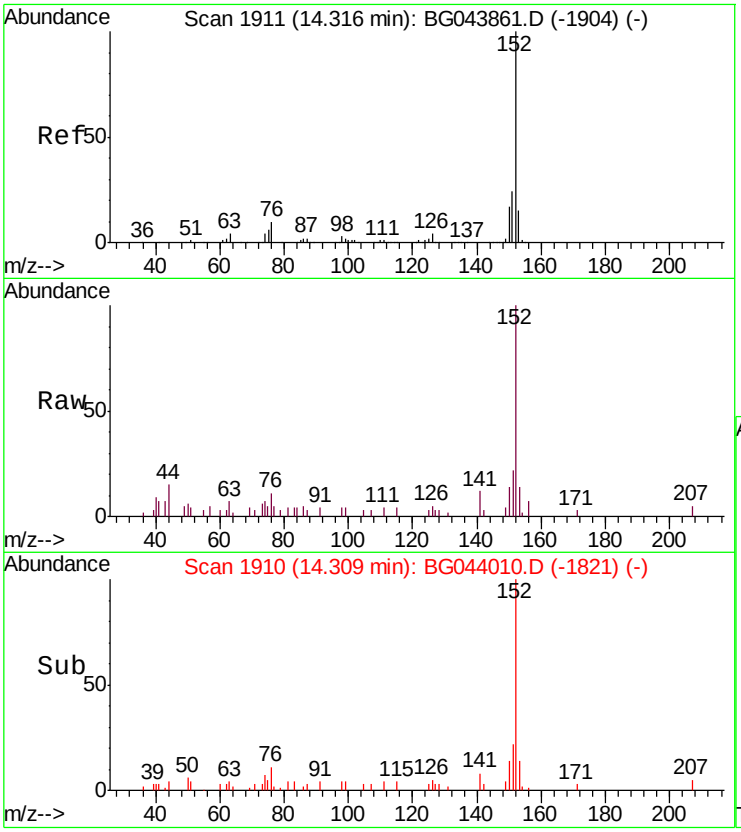


#45
2-Fluorobiphenyl
Concen: 64.176 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:172 Resp: 265089

Ion	Ratio	Lower	Upper
172	100		
171	36.3	35.8	53.8
170	24.6	24.2	36.4



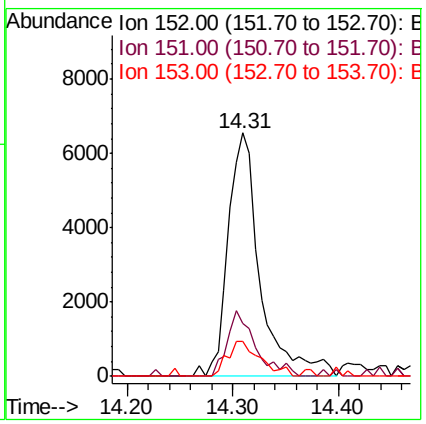


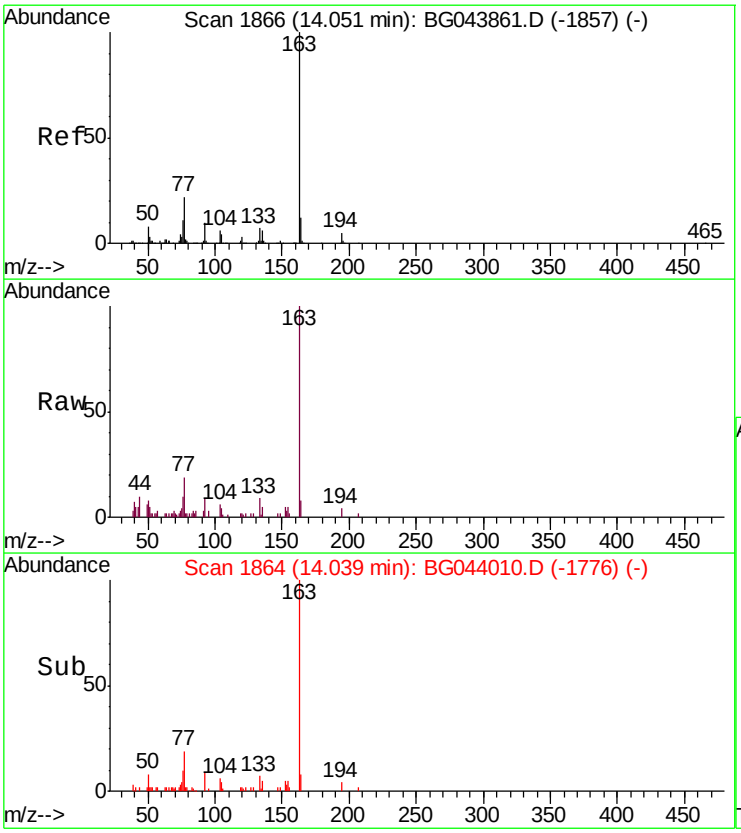
#49
Acenaphthylene
Concen: 2.194 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:152 Resp: 13675

Ion	Ratio	Lower	Upper
152	100		
151	21.6	19.4	29.2
153	14.5	12.0	18.0

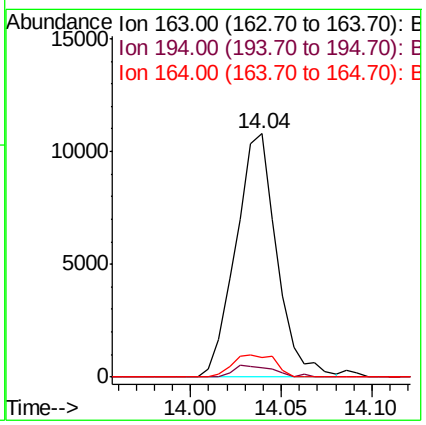


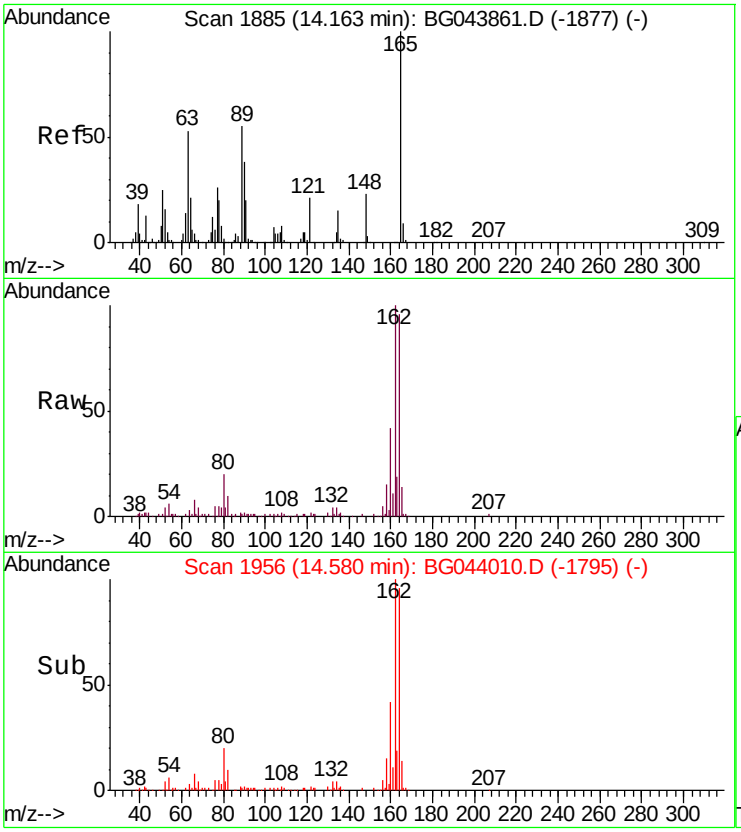


#50
Dimethylphthalate
Concen: 3.187 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:163 Resp: 16936

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.7	5.5#
164	8.1	9.3	13.9#



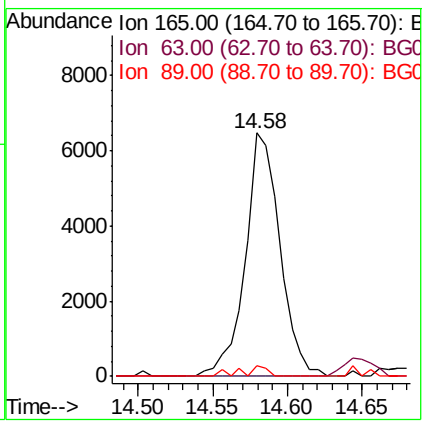


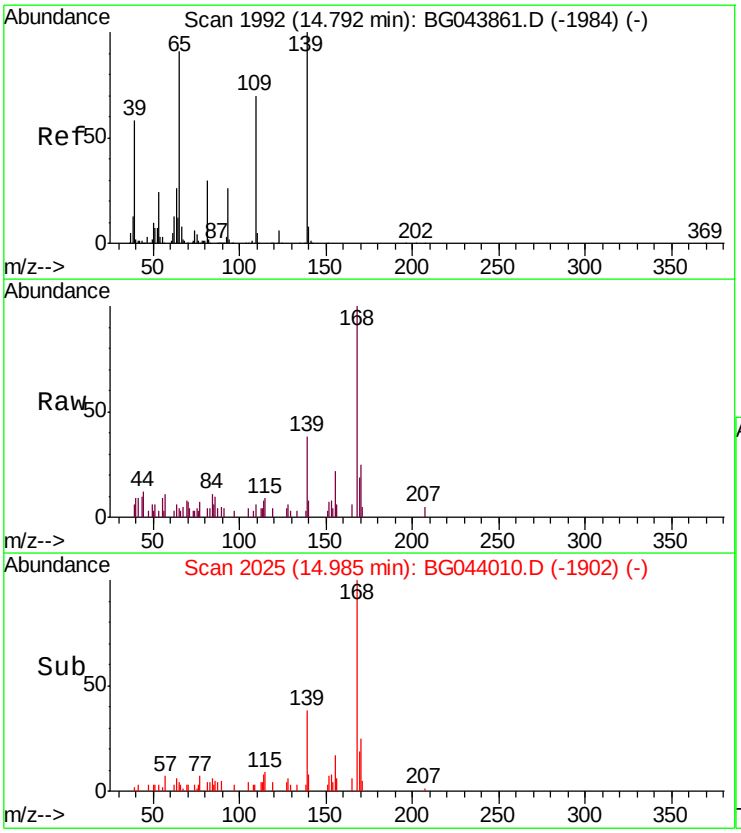
#51
2,6-Dinitrotoluene
Concen: 8.618 ng
RT: 14.58 min Scan# 1956
Delta R.T. 0.42 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:165 Resp: 10350

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.1	64.7#
89	4.5	43.8	65.6#

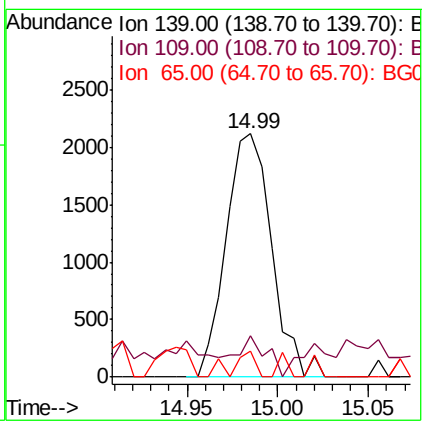


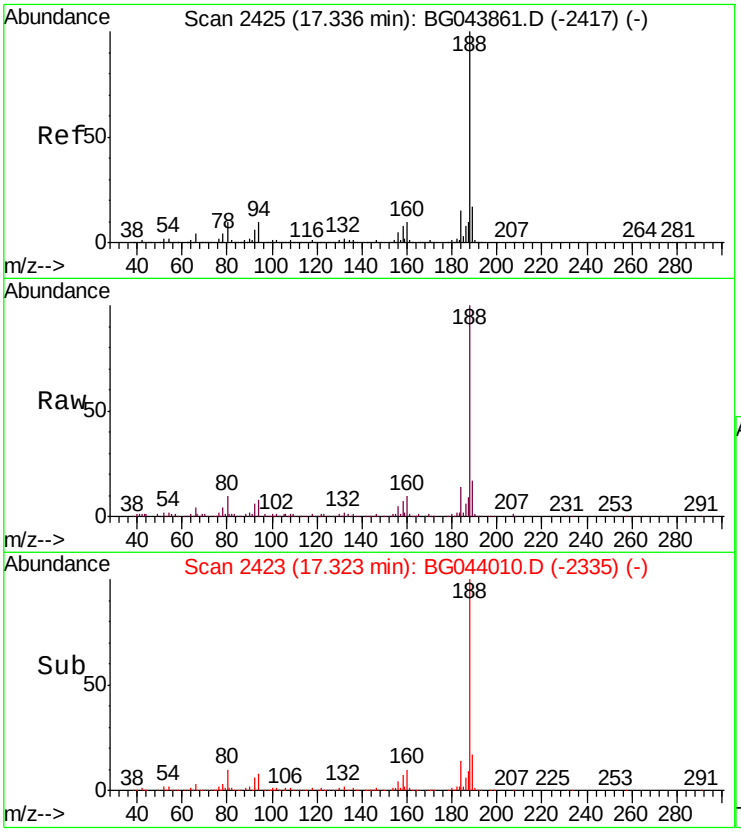


#56
4-Nitrophenol
Concen: 3.538 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.19 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:139 Resp: 3698

Ion	Ratio	Lower	Upper
139	100		
109	17.0	50.4	90.4#
65	10.9	71.4	111.4#



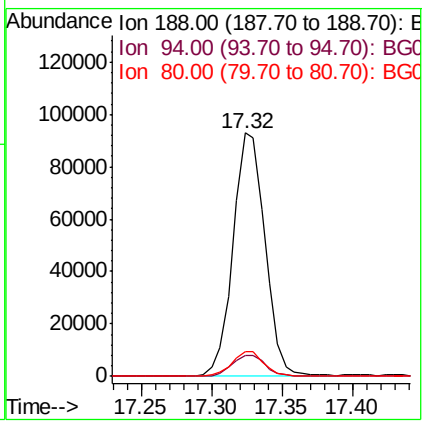


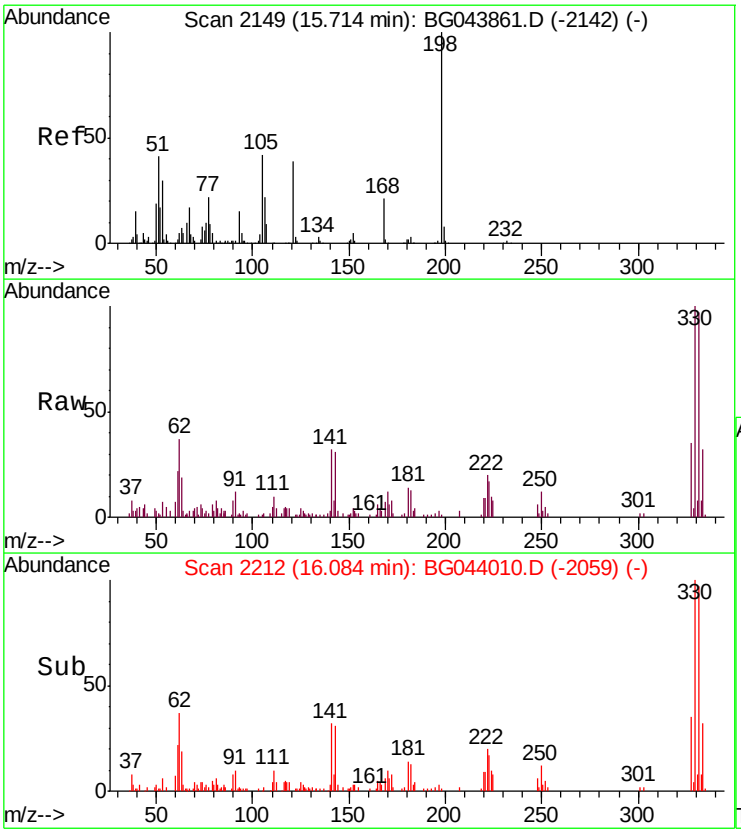
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:188 Resp: 146778

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.9	11.9
80	10.3	8.2	12.4

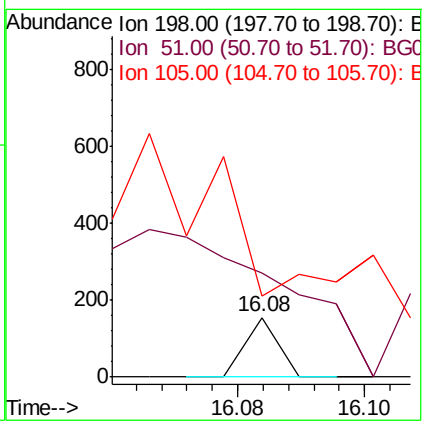


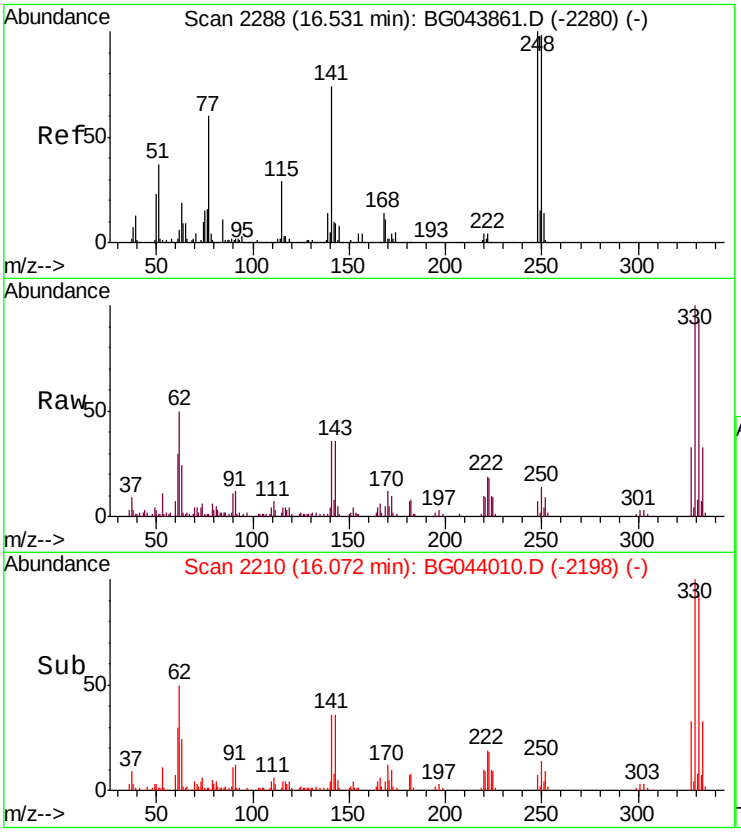


#65
4,6-Dinitro-2-methylphenol
Concen: 4.455 ng
RT: 16.08 min Scan# 2212
Delta R.T. 0.37 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:198 Resp: 54

Ion	Ratio	Lower	Upper
198	100		
51	176.0	22.5	62.5#
105	137.0	22.3	62.3#



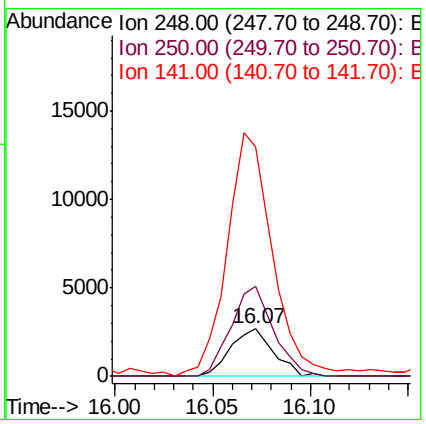


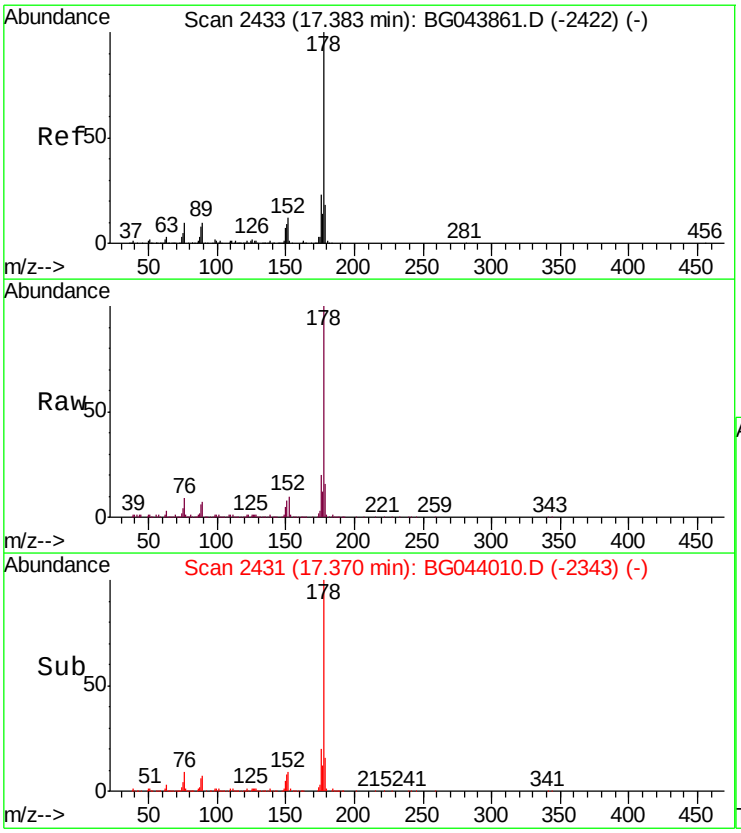
#67
4-Bromophenyl-phenylether
Concen: 2.488 ng
RT: 16.07 min Scan# 2210
Delta R.T. -0.46 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:248 Resp: 4108

Ion	Ratio	Lower	Upper
248	100		
250	190.4	78.2	117.2#
141	484.5	59.3	88.9#

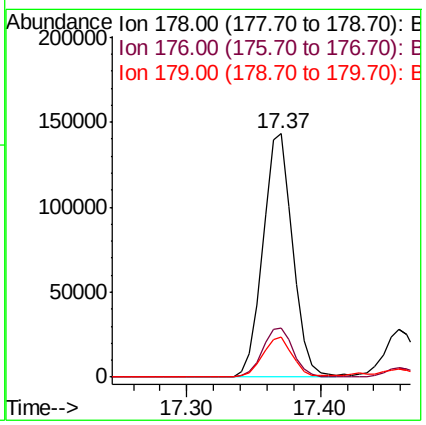


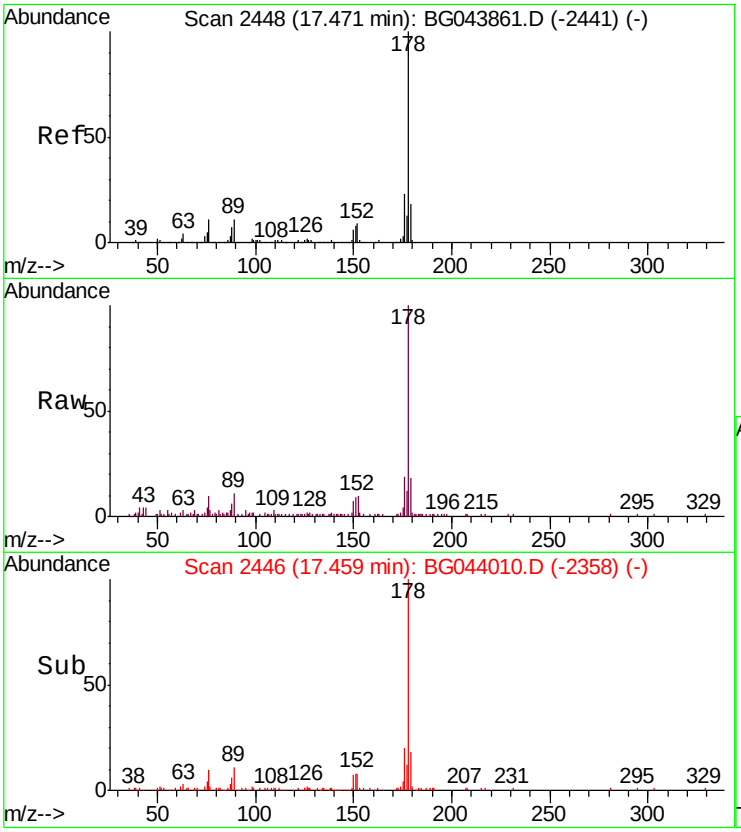


#71
Phenanthrene
Concen: 31.465 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:178 Resp: 221523

Ion	Ratio	Lower	Upper
178	100		
176	20.1	18.6	28.0
179	16.3	14.4	21.6



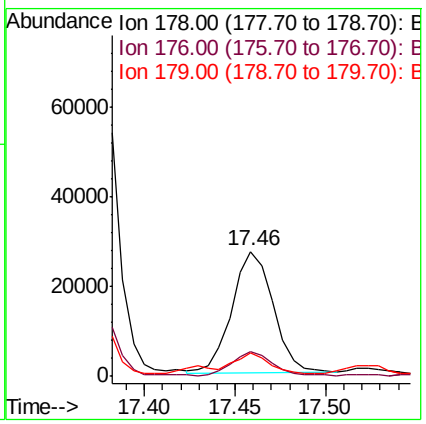


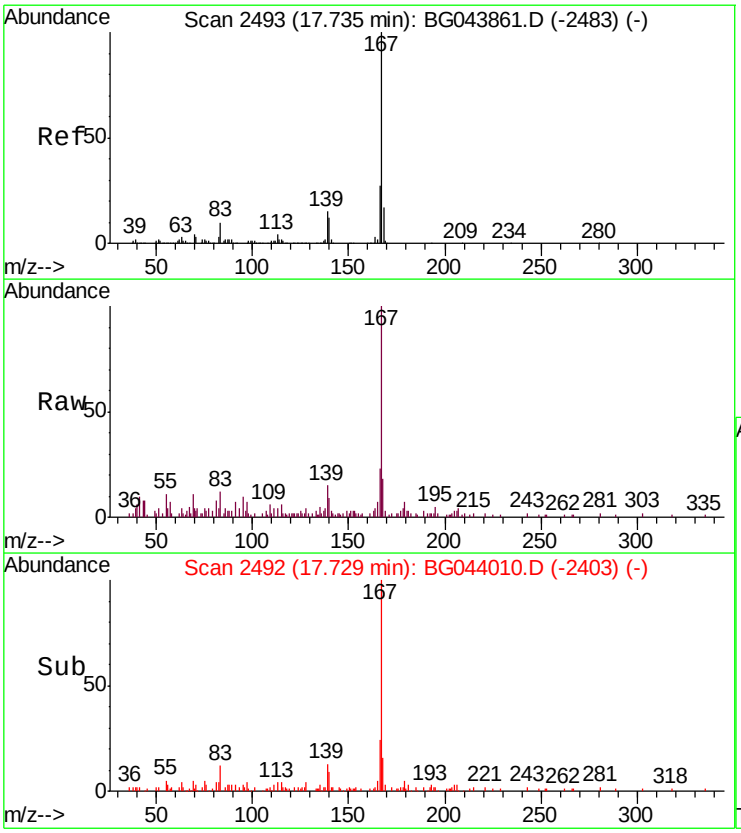
#72
Anthracene
Concen: 6.202 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:178 Resp: 43149

Ion	Ratio	Lower	Upper
178	100		
176	19.5	18.3	27.5
179	18.4	14.6	22.0

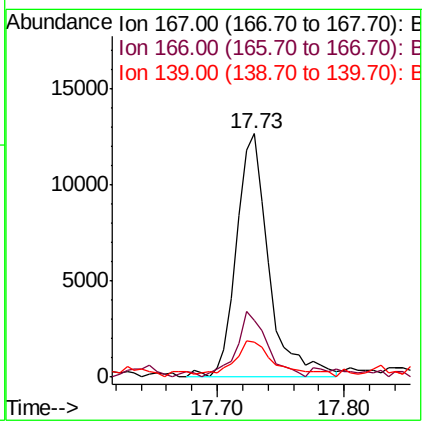


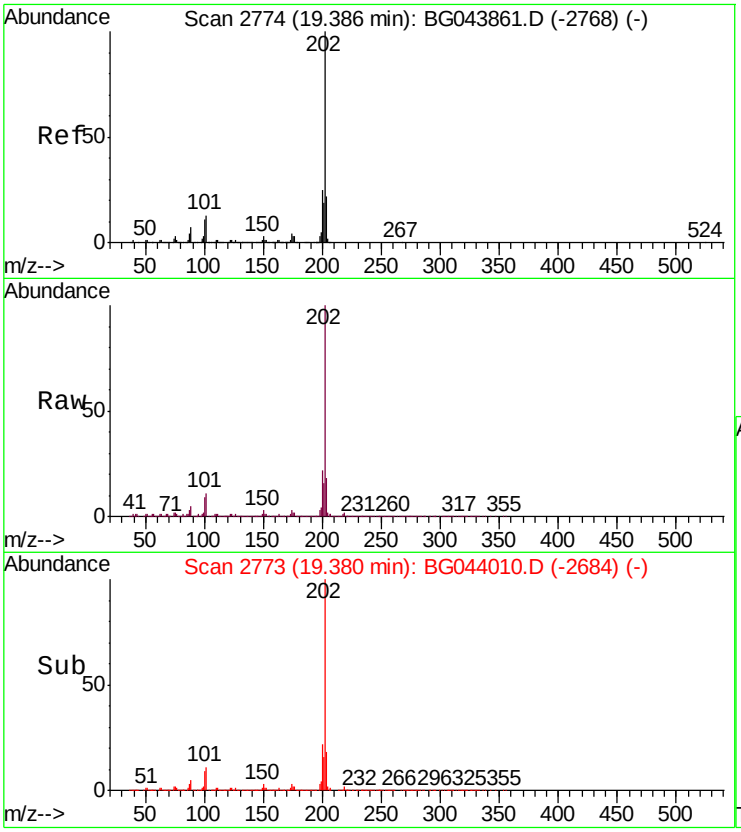


#73
Carbazole
Concen: 3.503 ng
RT: 17.73 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:167 Resp: 22513

Ion	Ratio	Lower	Upper
167	100		
166	23.3	21.6	32.4
139	14.6	12.1	18.1



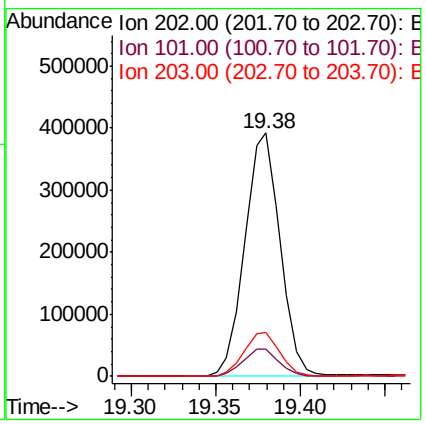


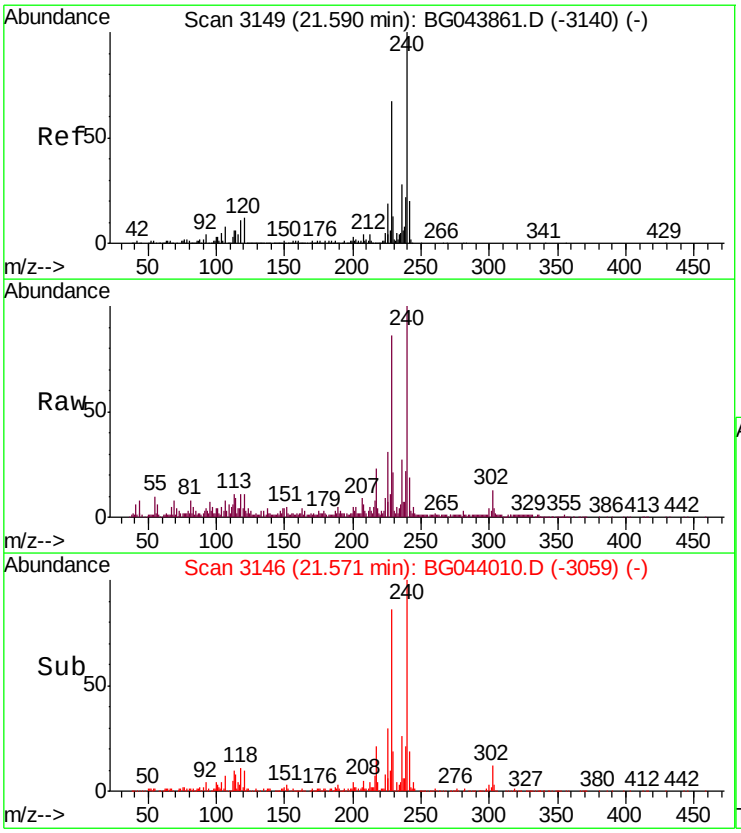
#75
Fluoranthene
Concen: 70.124 ng
RT: 19.38 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:202 Resp: 564605

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.3
203	18.1	1.6	41.6

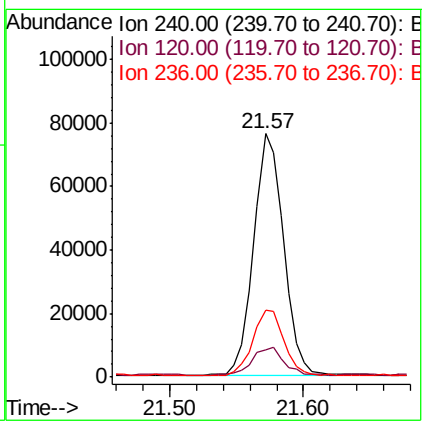


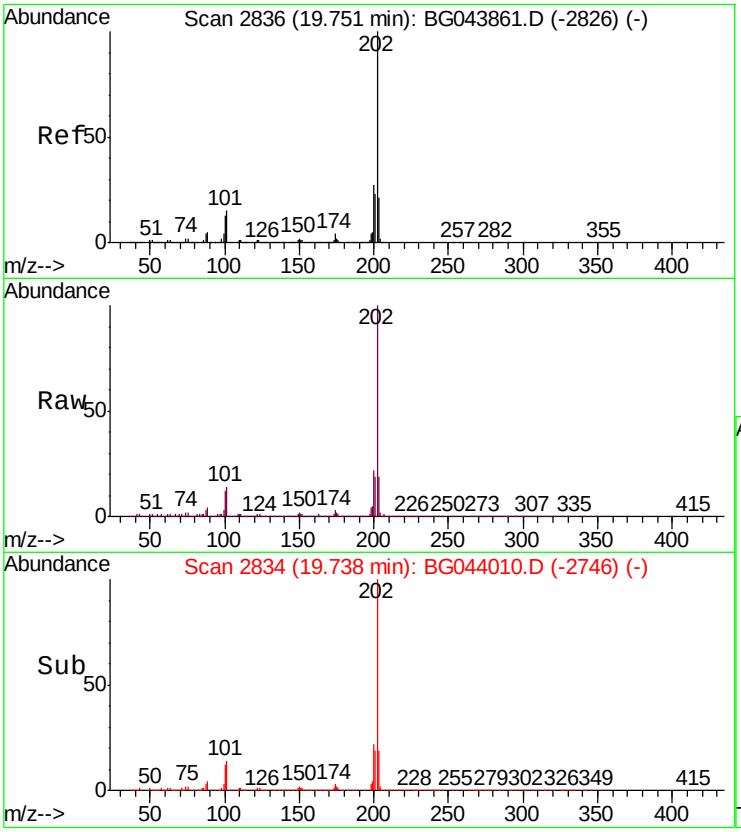


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:240 Resp: 118536

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.6	14.4
236	27.5	22.2	33.2



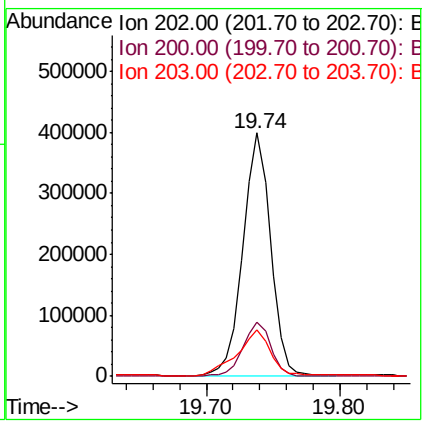


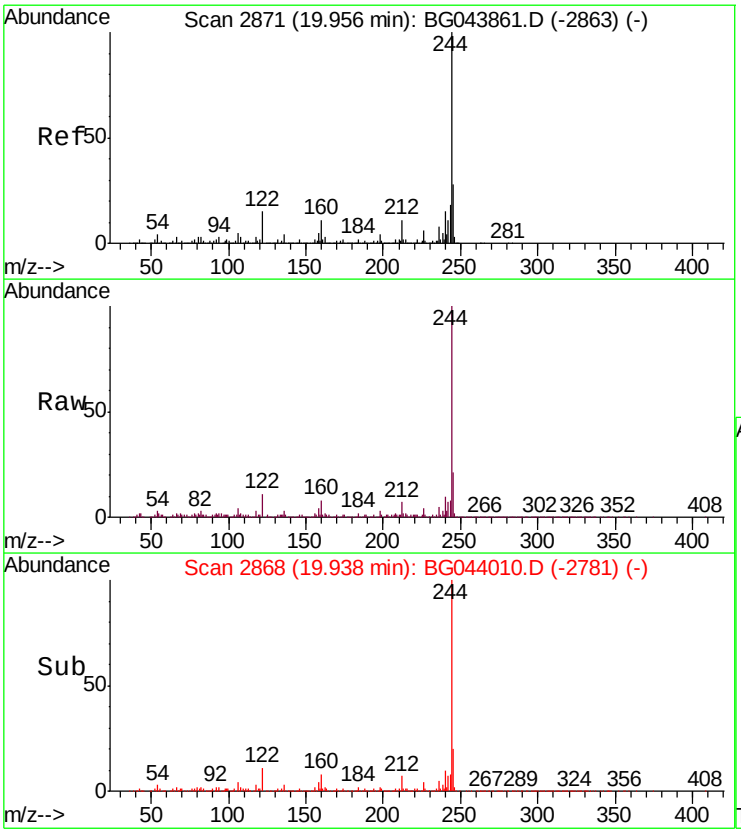
#78
Pyrene
Concen: 73.321 ng
RT: 19.74 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:202 Resp: 567309

Ion	Ratio	Lower	Upper
202	100		
200	22.2	21.7	32.5
203	19.0	17.0	25.6

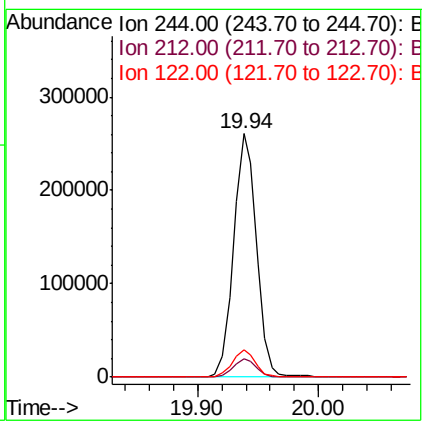


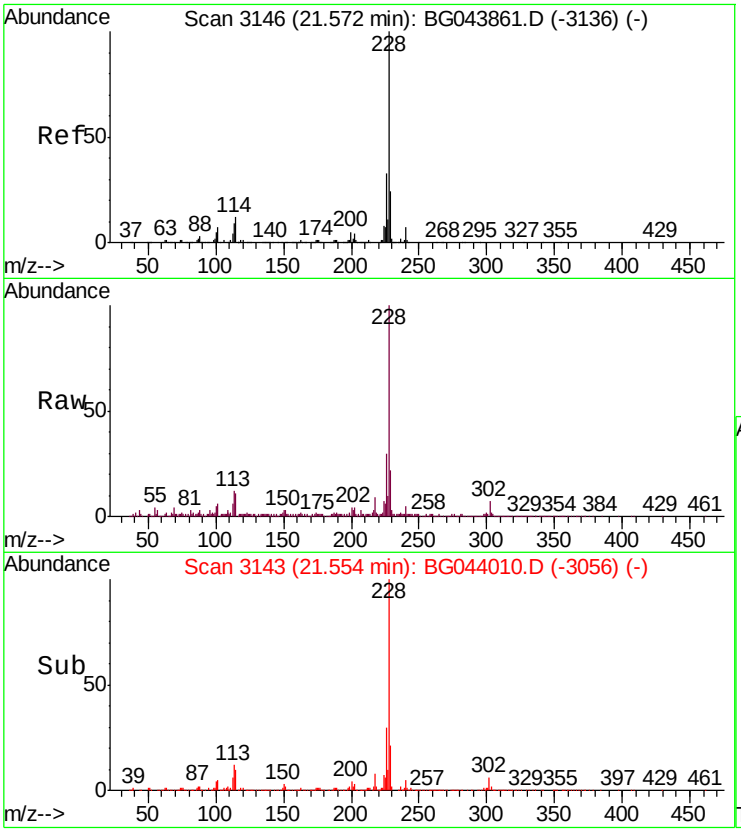


#79
Terphenyl-d14
Concen: 65.109 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.02 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:244 Resp: 342191

Ion	Ratio	Lower	Upper
244	100		
212	7.4	8.6	13.0#
122	11.3	11.9	17.9#



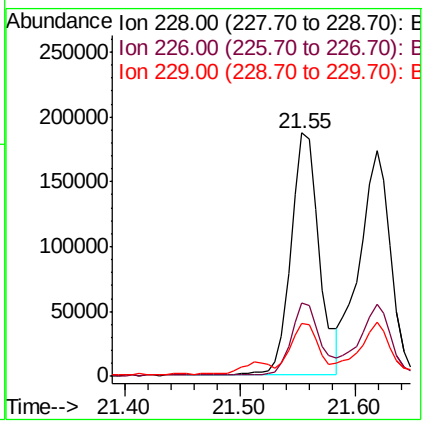


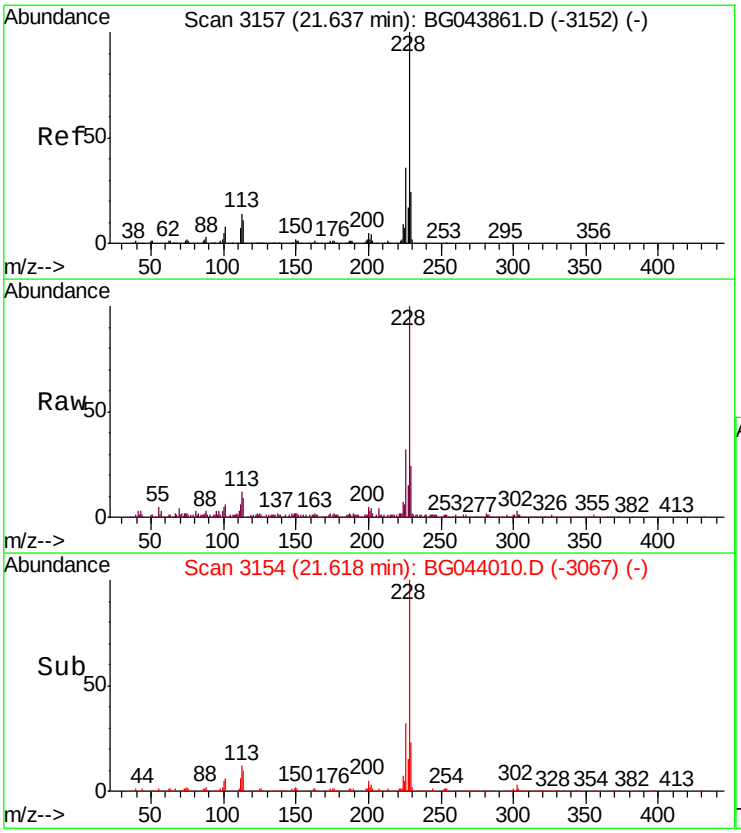
#81
Benzo(a)anthracene
Concen: 43.436 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:228 Resp: 319258

Ion	Ratio	Lower	Upper
228	100		
226	30.1	26.2	39.4
229	21.9	18.9	28.3

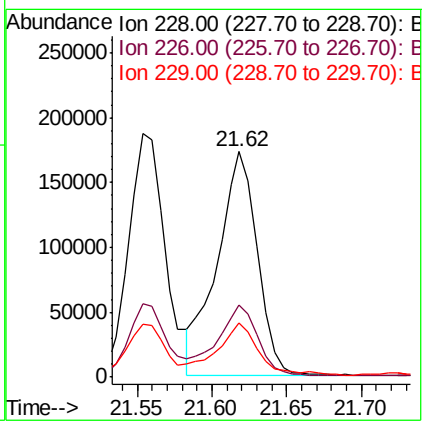


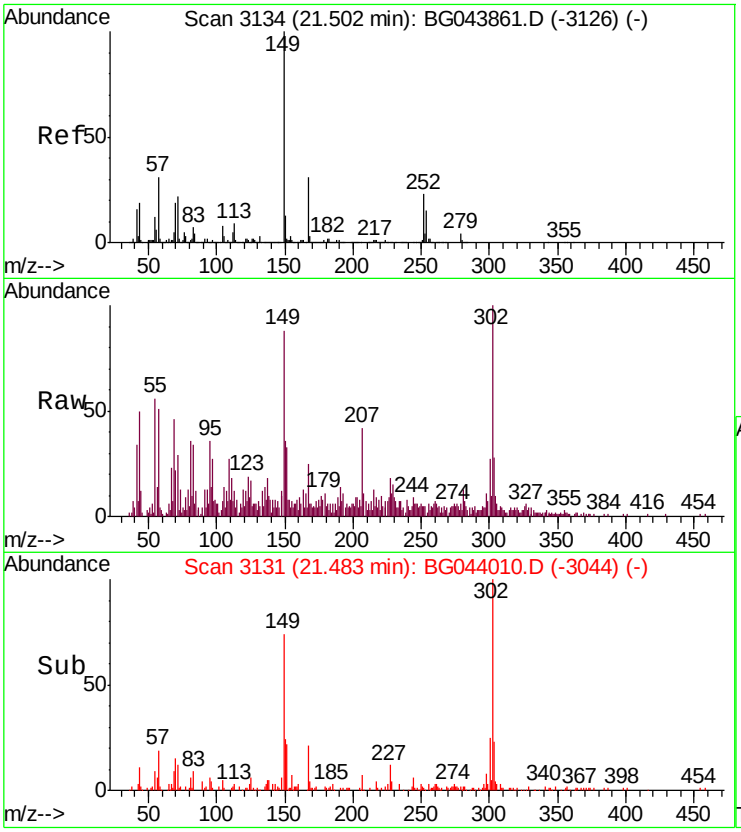


#83
Chrysene
Concen: 46.392 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:228 Resp: 324004

Ion	Ratio	Lower	Upper
228	100		
226	32.2	28.8	43.2
229	23.8	19.0	28.6



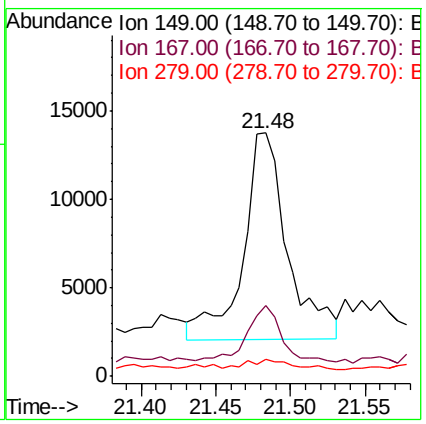


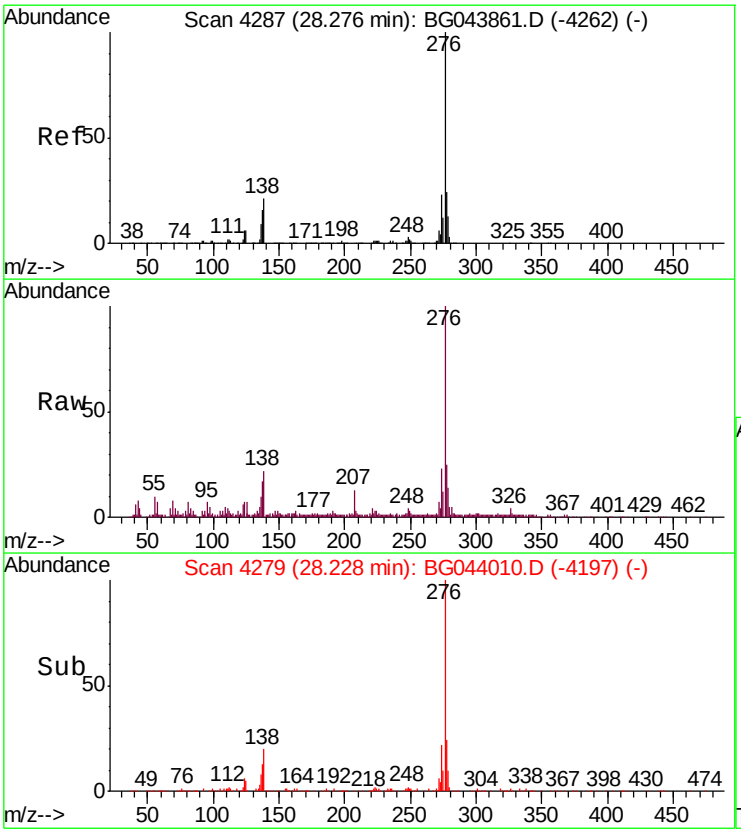
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.703 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:149 Resp: 23902

Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.7	37.1
279	6.9	3.3	4.9#

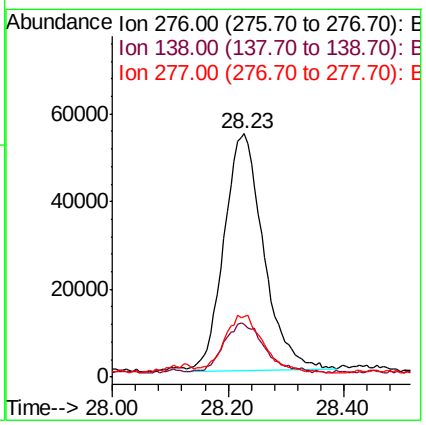


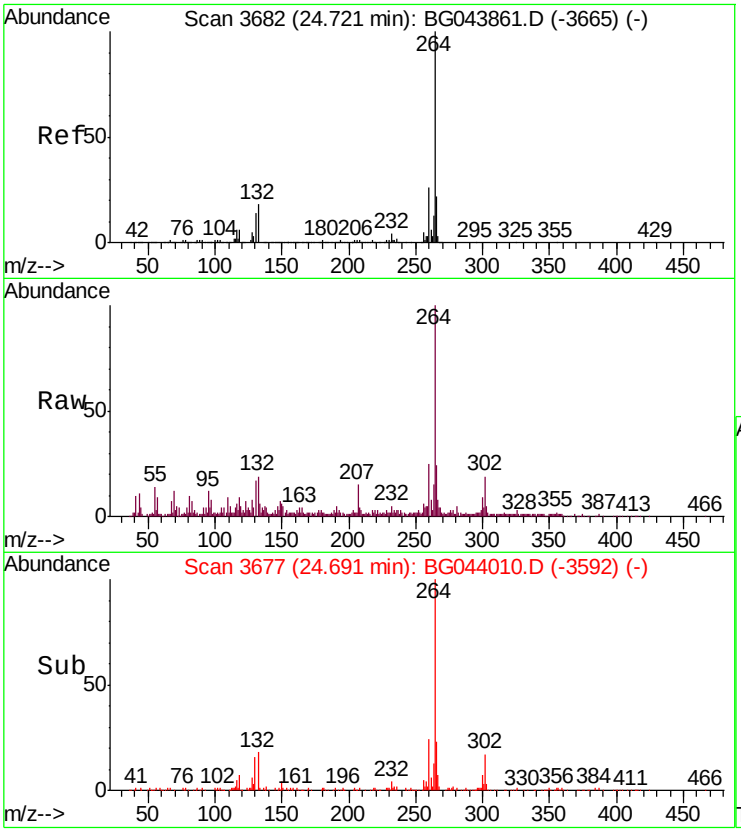


#86
Indeno(1,2,3-cd)pyrene
Concen: 27.020 ng
RT: 28.23 min Scan# 4279
Delta R.T. -0.05 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:276 Resp: 256455

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.0	31.4
277	24.2	21.1	31.7



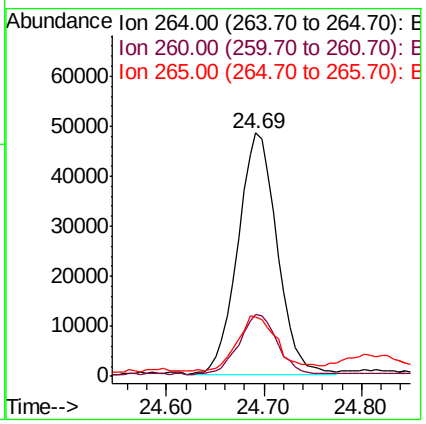


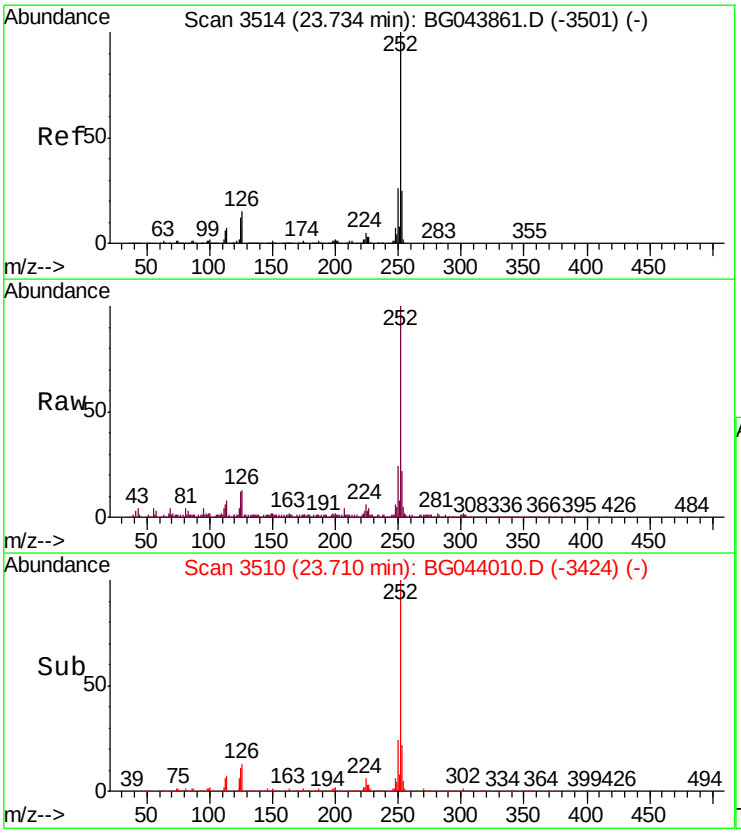
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:264 Resp: 134512

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	24.4	17.4	26.2

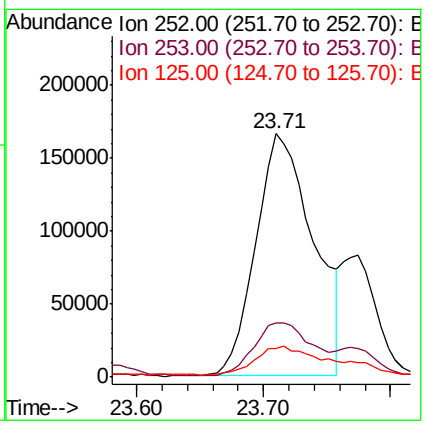


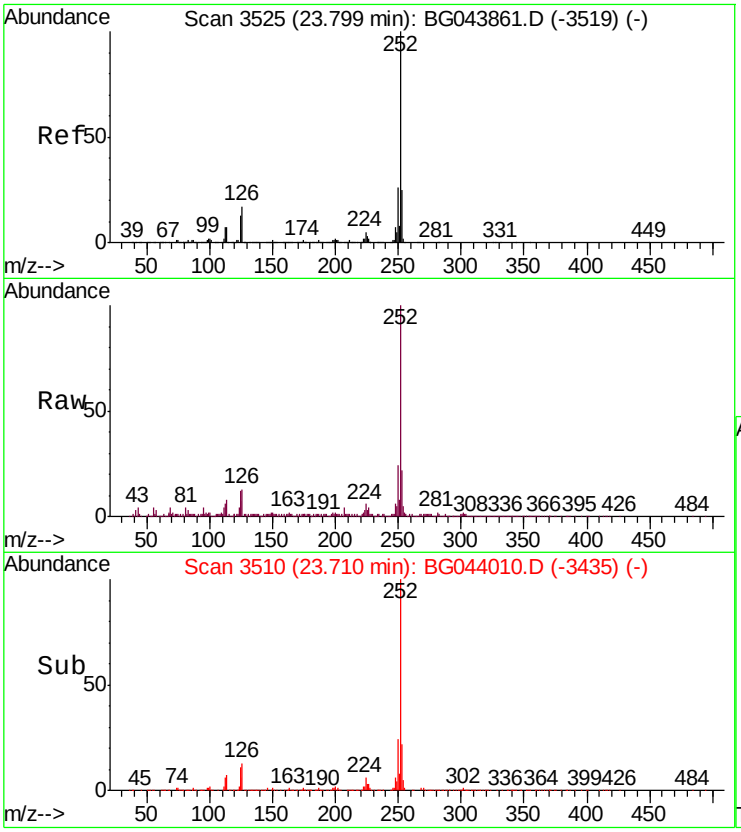


#88
Benzo(b)fluoranthene
Concen: 66.152 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:252 Resp: 526043

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.7	29.5
125	11.9	9.4	14.2



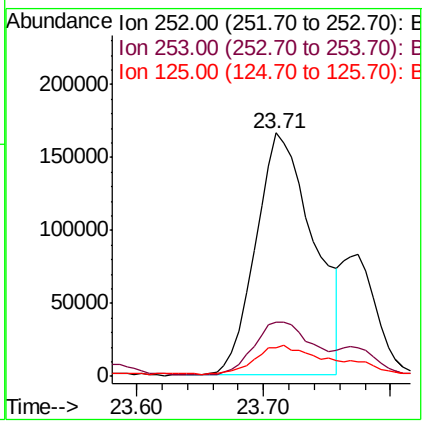


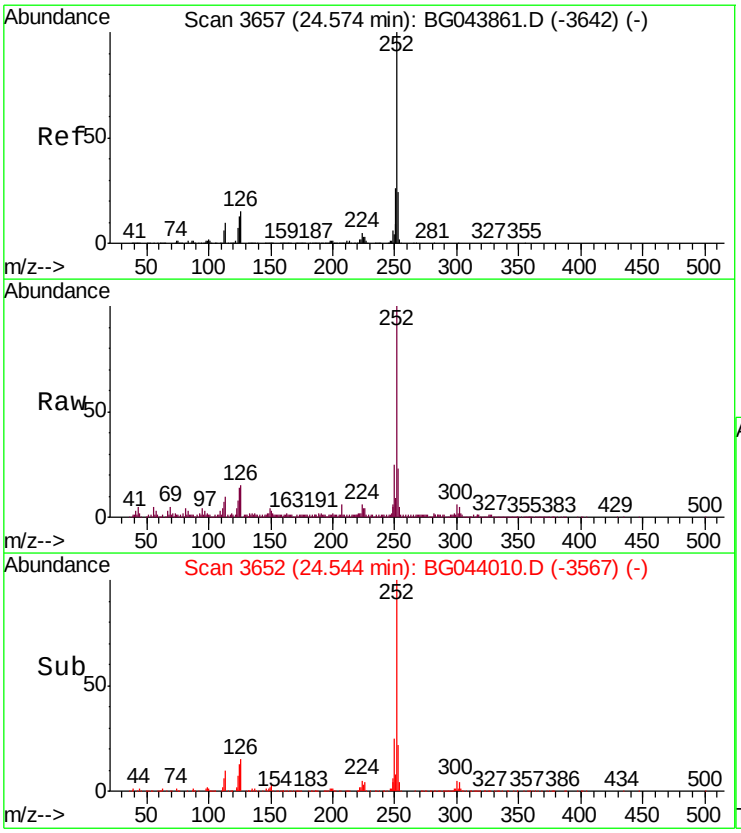
#89
Benzo(k)fluoranthene
Concen: 69.565 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.09 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:252 Resp: 526043

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.4	29.2
125	11.9	9.9	14.9

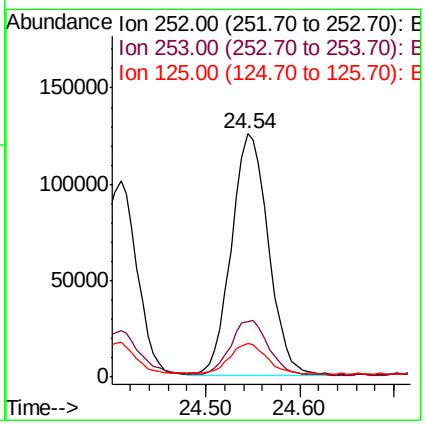


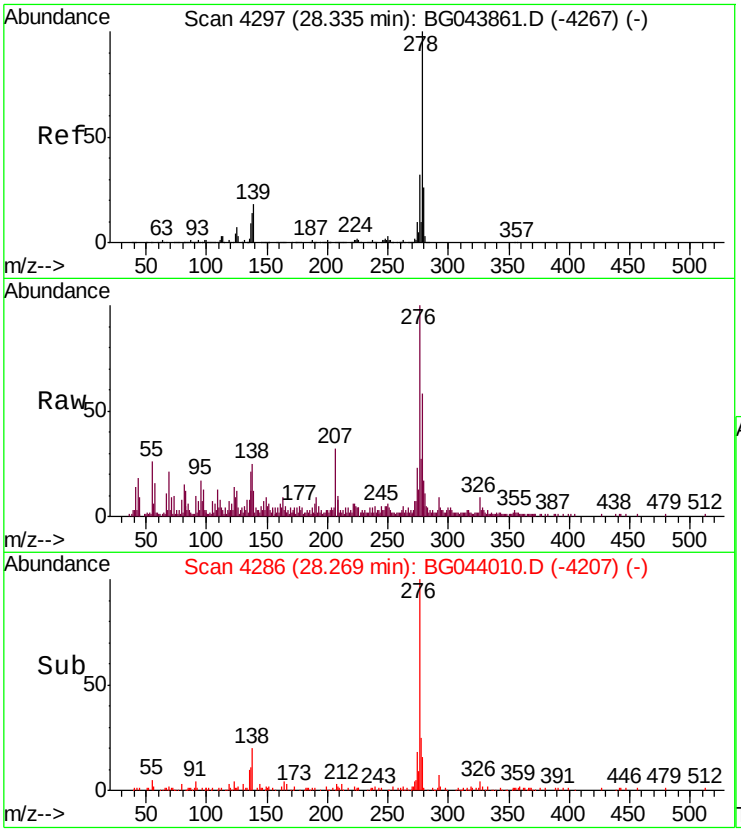


#90
Benzo(a)pyrene
Concen: 45.465 ng
RT: 24.54 min Scan# 3652
Delta R.T. -0.03 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:252 Resp: 341230

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.3	28.9
125	13.7	10.4	15.6



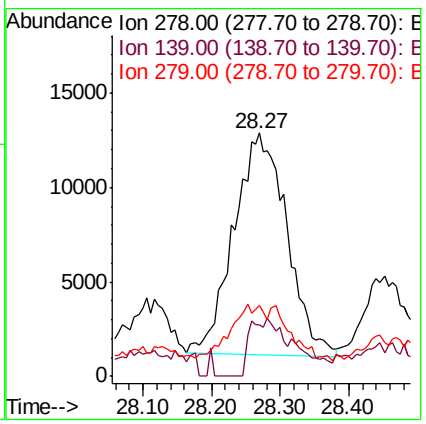


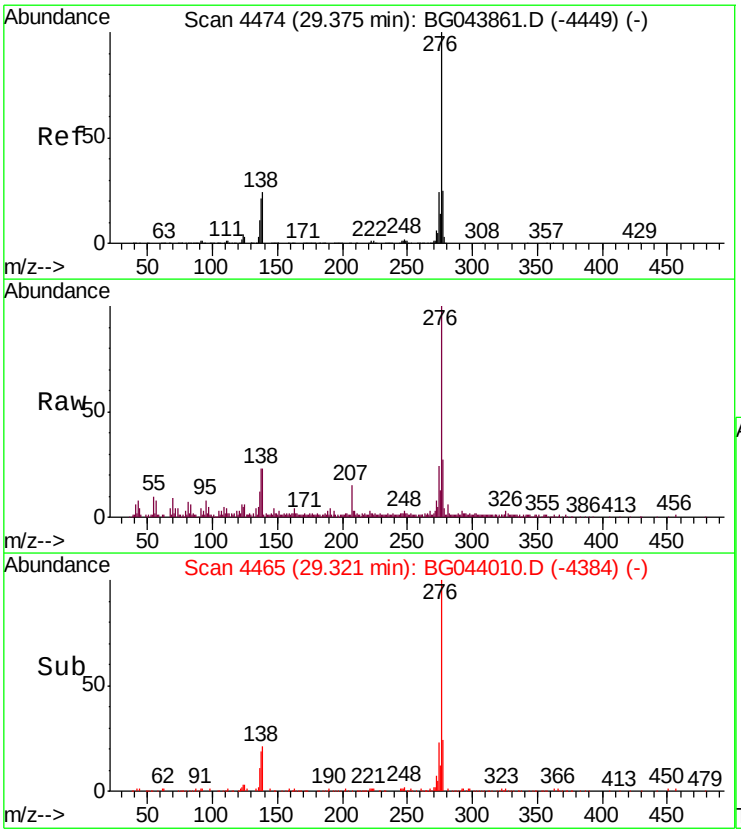
#91
Dibenzo(a,h)anthracene
Concen: 8.400 ng
RT: 28.27 min Scan# 4286
Delta R.T. -0.07 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Instrument :
BNA_G
ClientSampleId :
AF-1

Tgt Ion:278 Resp: 63313

Ion	Ratio	Lower	Upper
278	100		
139	21.1	14.2	21.4
279	29.3	20.6	30.8





#92
Benzo(g,h,i)perylene
Concen: 34.573 ng
RT: 29.32 min Scan# 4465
Delta R.T. -0.05 min
Lab File: BG044010.D
Acq: 10 Jan 2020 20:38

Tgt Ion:276 Resp: 258854

Ion	Ratio	Lower	Upper
276	100		
277	26.9	20.2	30.4
138	22.7	19.0	28.6