Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010313.D
Acq On : 20 Mar 2020 21:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 20 22:50:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3928	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13367	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	7910	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	18666	0.40	ng		0.00
27) Chrysene-d12	21.19	240	19855	0.40	ng		0.00
34) Perylene-d12	23.36	264	19931	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3031	0.39	ng		0.00
5) Phenol-d6	6.80	99	3839	0.40	ng		0.00
8) Nitrobenzene-d5	8.74	82	3276	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	8274	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1074	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	12482	0.41	ng		0.00
25) Fluoranthene-d10	19.02	212	21274	0.38	ng		0.00
29) Terphenyl-d14	19.63	244	17283	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1449	0.393	ng		96
3) n-Nitrosodimethylamine	3.57	42	814	0.261	ng	#	93
6) bis(2-Chloroethyl)ether	7.06	93	3726	0.401	ng		99
9) Naphthalene	10.43	128	13368	0.401	ng		99
10) Hexachlorobutadiene	10.73	225	3358	0.416	ng	#	98
12) 2-Methylnaphthalene	12.05	142	9109	0.394	ng		99
16) Acenaphthylene	13.96	152	11482	0.370	ng		99
17) Acenaphthene	14.30	154	8509	0.385	ng		96
18) Fluorene	15.29	166	11492	0.391	ng		100
20) 4-Bromophenyl-phenylether	16.19	248	4423	0.391	ng		96
21) Hexachlorobenzene	16.31	284	4765	0.410	ng		99
22) Pentachlorophenol	16.65	266	1340	0.337	ng		96
23) Phenanthrene	17.03	178	20276	0.395	ng		100
24) Anthracene	17.11	178	16219	0.370	ng		100
26) Fluoranthene	19.05	202	24438	0.389	ng		99
28) Pyrene	19.42	202	24276	0.393	ng		100
30) Benzo(a)anthracene	21.16	228	23560	0.373	ng		98
31) Chrysene	21.22	228	27547	0.406	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	6175	0.289	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	29841	0.411	ng		99
35) Benzo(b)fluoranthene	22.71	252	25612	0.378	ng		100
36) Benzo(k)fluoranthene	22.76	252	27433	0.398	ng		98
37) Benzo(a)pyrene	23.27	252	21229	0.372	ng		99
38) Dibenzo(a,h)anthracene	25.52	278	24551	0.397	ng		99
39) Benzo(g,h,i)perylene	26.15	276	24116	0.388	ng		99

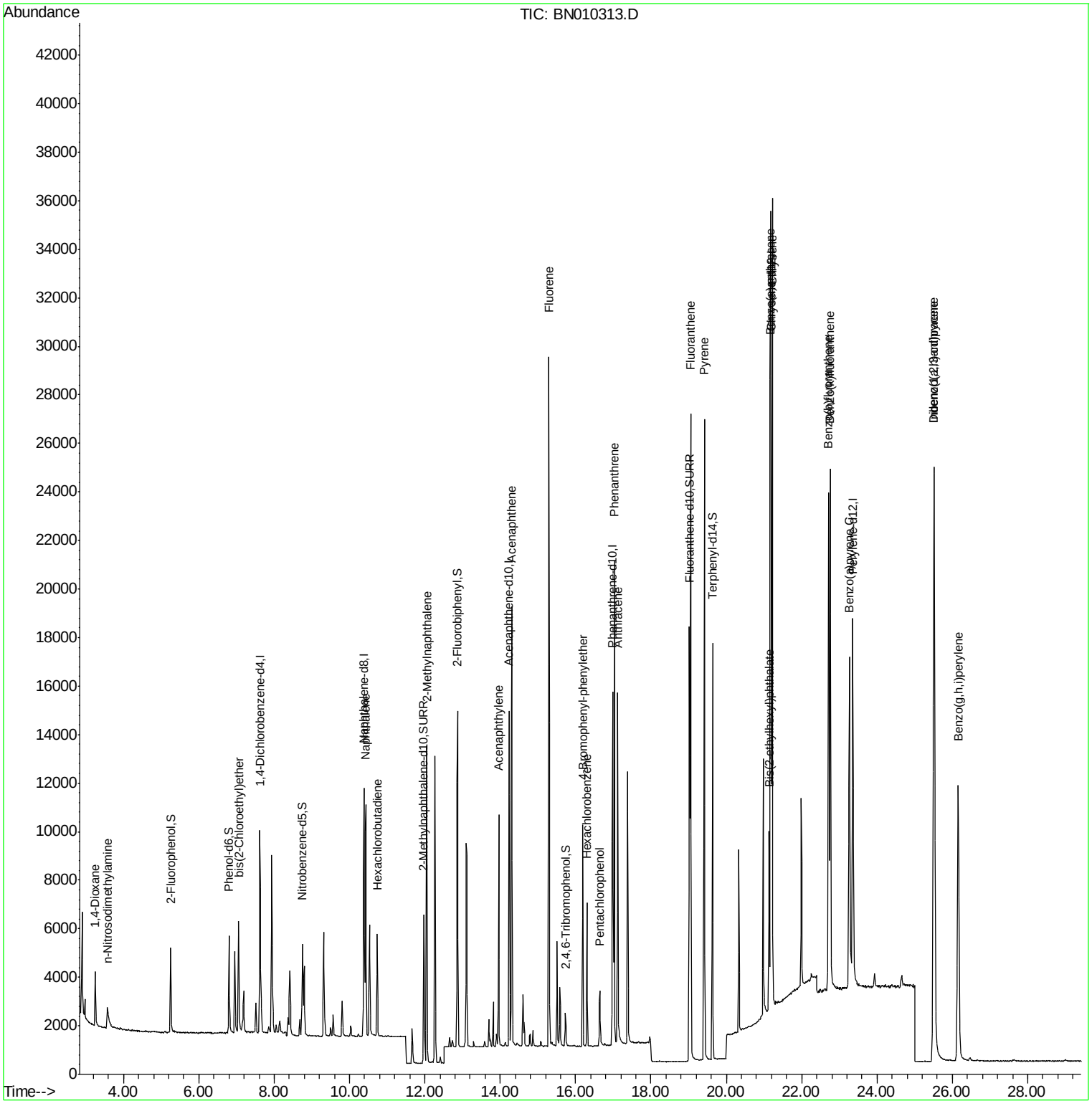
(#) = qualifier out of range (m) = manual integration (+) = signals summed

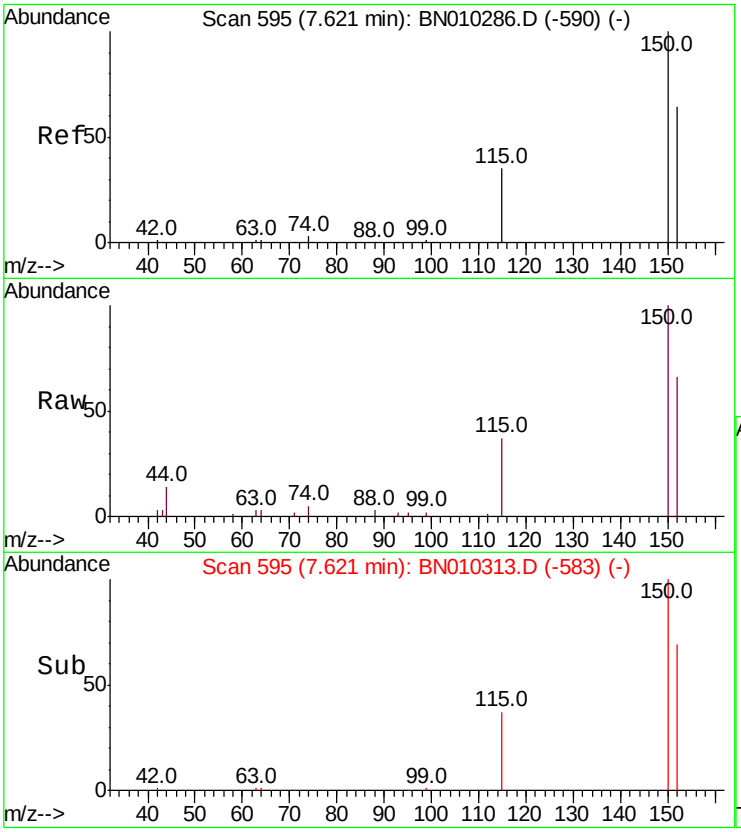
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010313.D
Acq On : 20 Mar 2020 21:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 20 22:50:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration



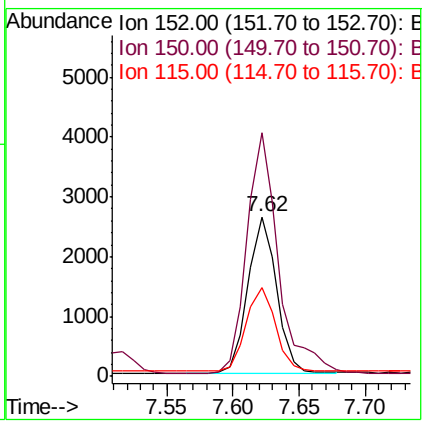


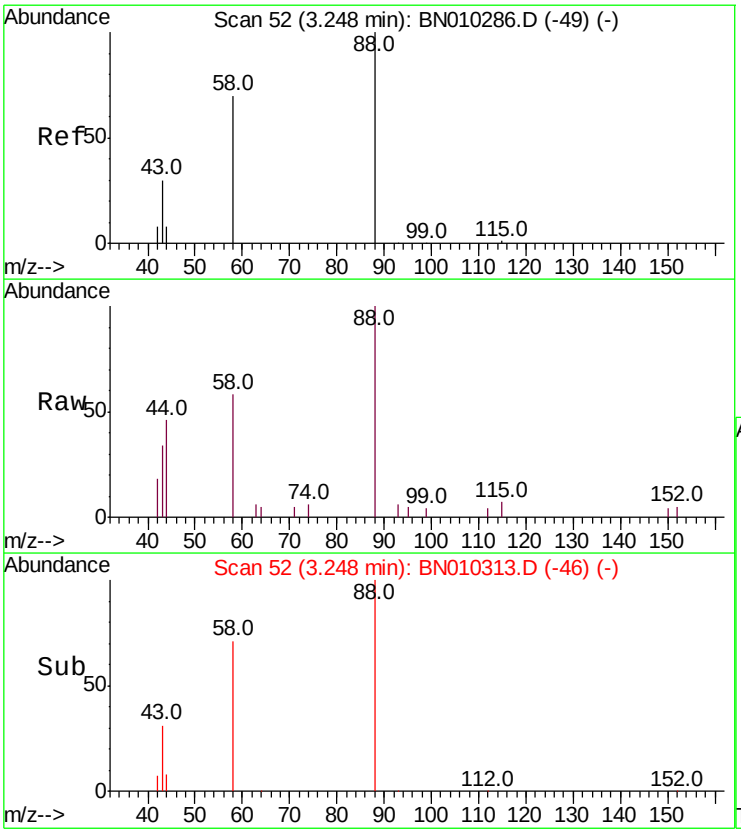
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3928

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.1	184.7
115	55.8	45.2	67.8

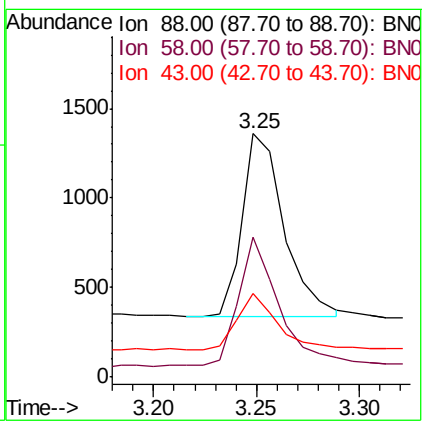


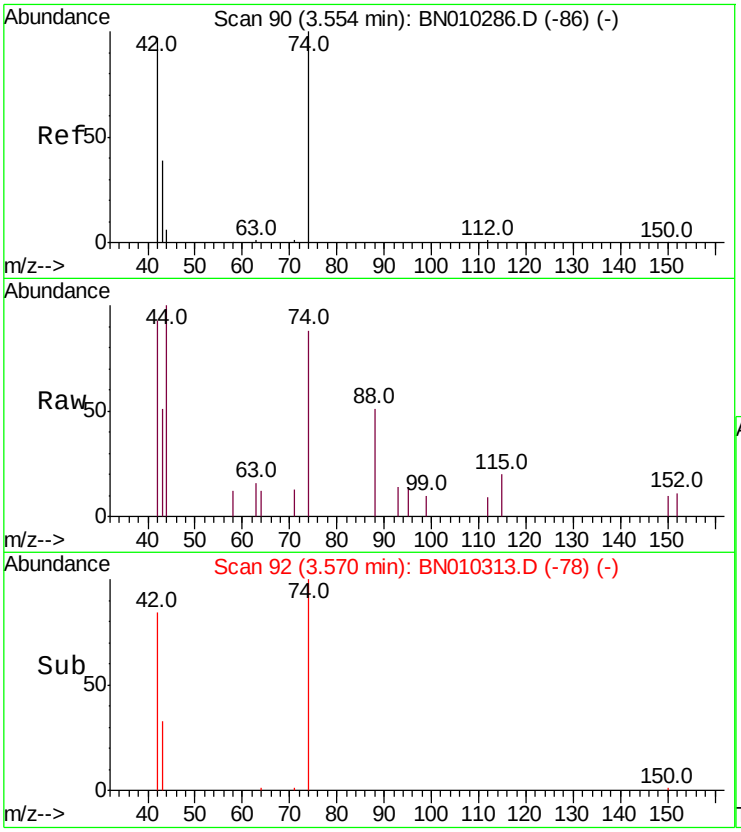


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion: 88 Resp: 1449

Ion	Ratio	Lower	Upper
88	100		
58	67.2	51.7	77.5
43	28.8	21.2	31.8



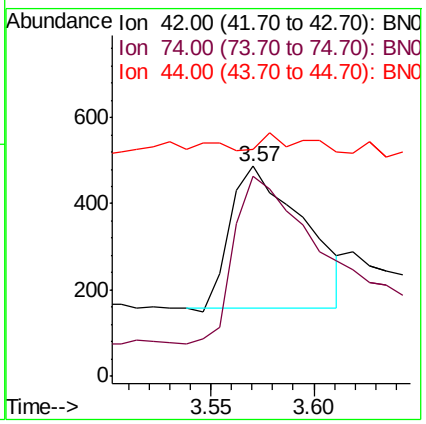


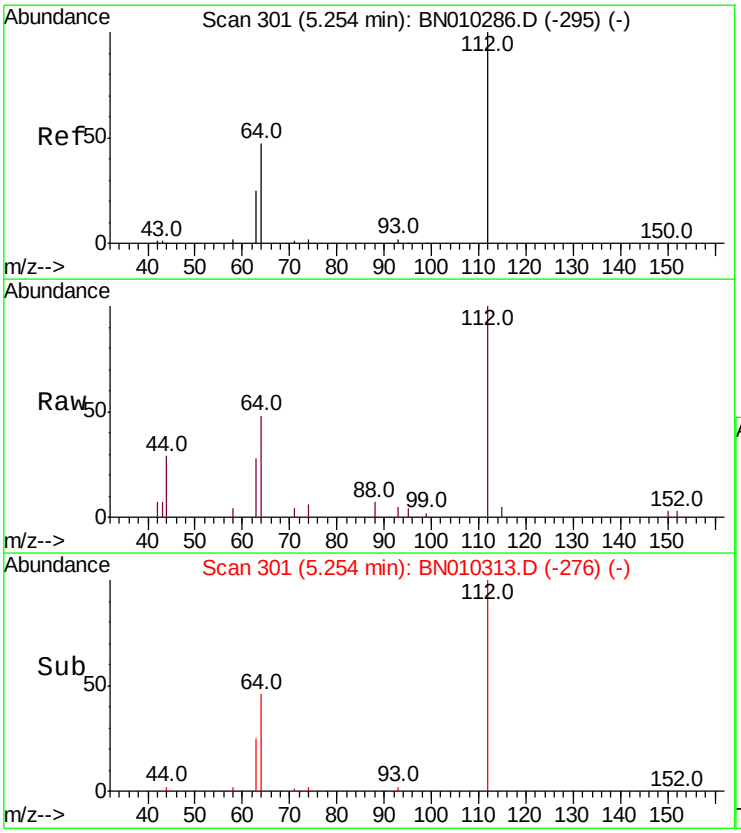
#3
n-Nitrosodimethylamine
Concen: 0.261 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.02 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 814

Ion	Ratio	Lower	Upper
42	100		
74	132.3	99.4	149.0
44	8.2	4.8	7.2#

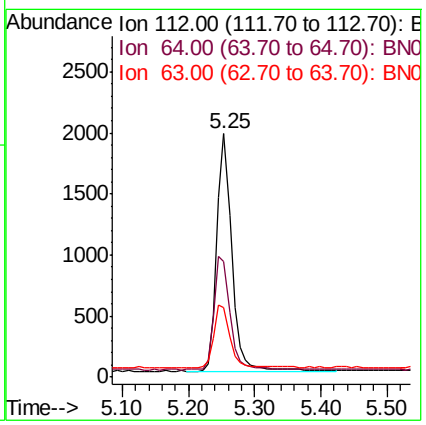


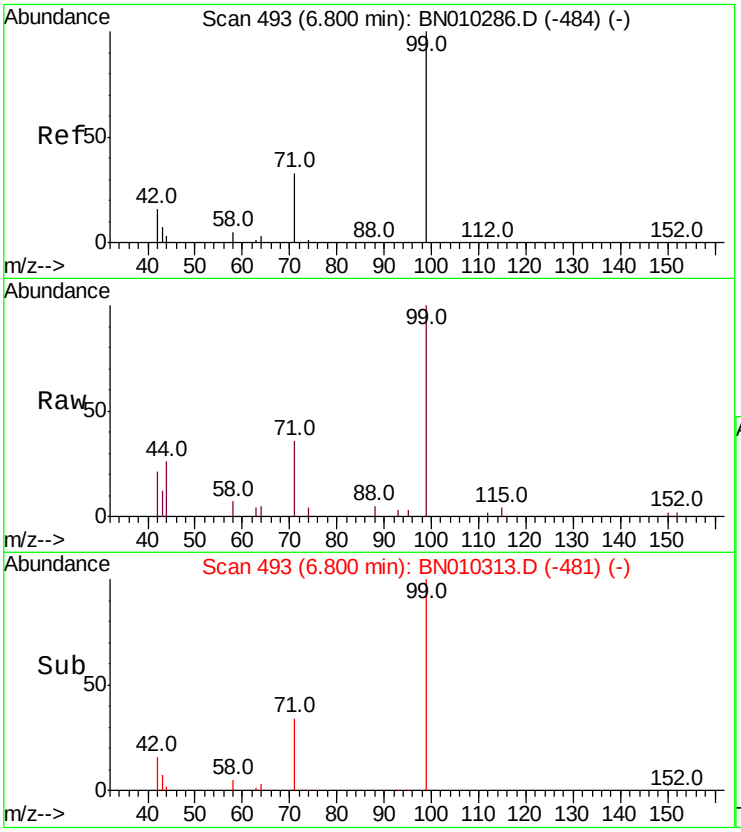


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:112 Resp: 3031

Ion	Ratio	Lower	Upper
112	100		
64	51.1	41.4	62.2
63	27.9	22.9	34.3



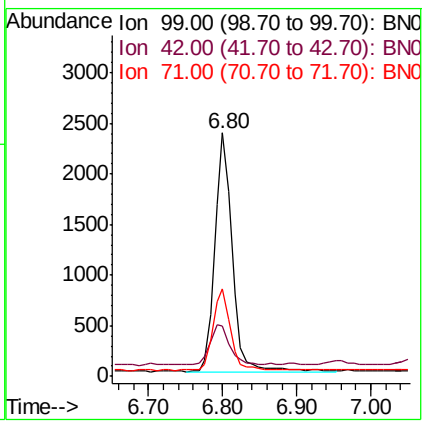


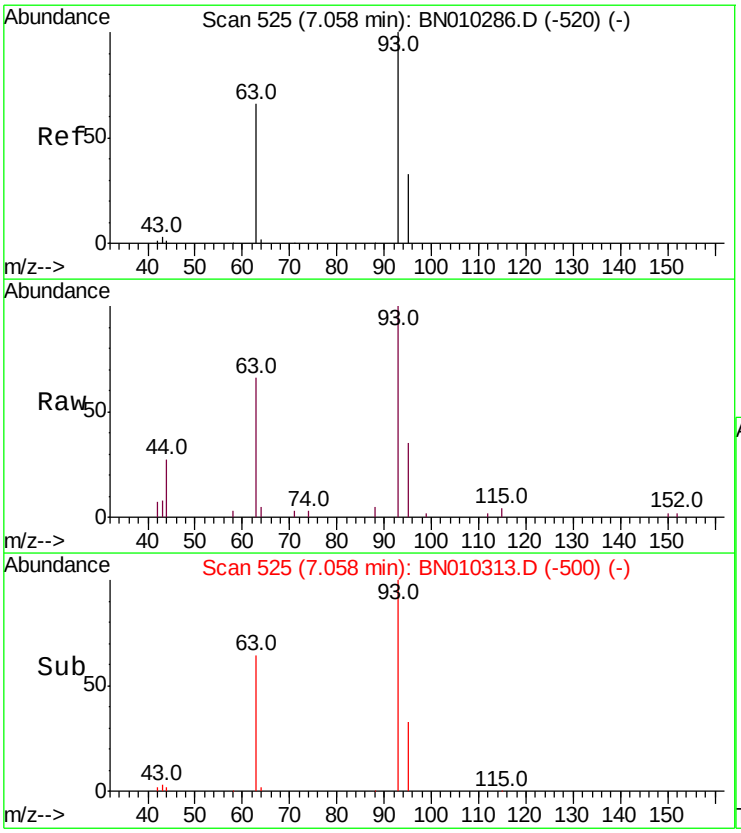
#5
Phenol-d6
Concen: 0.397 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3839

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.8	22.2
71	33.8	27.3	40.9

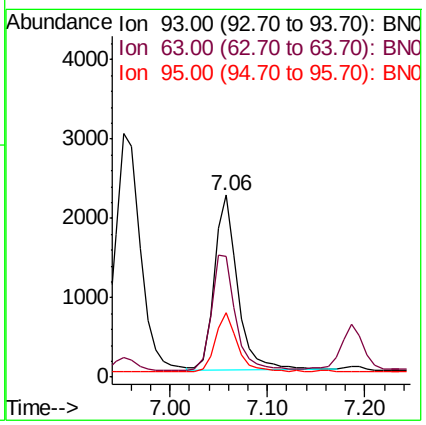


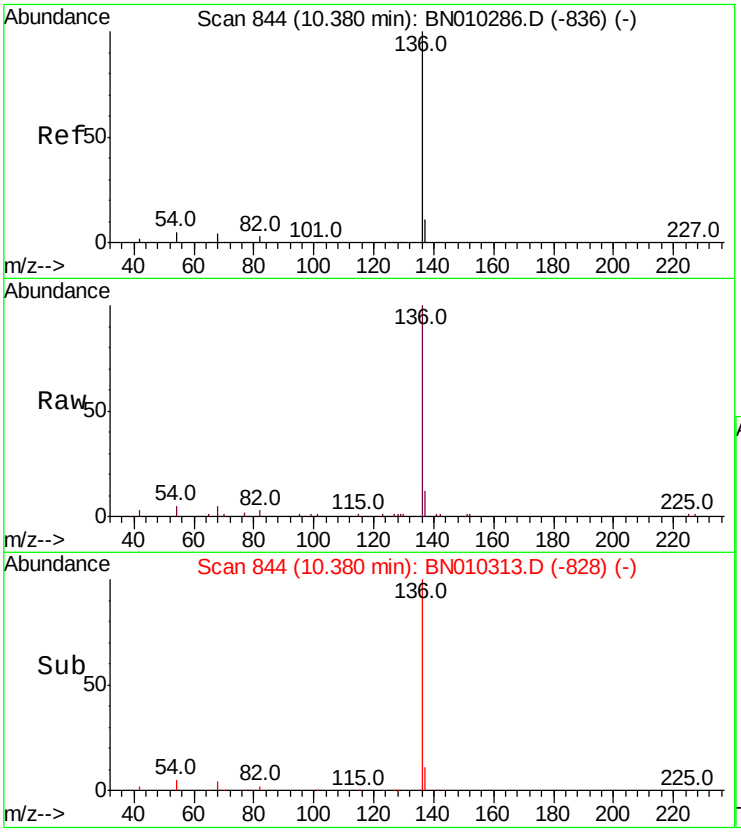


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion: 93 Resp: 3726

Ion	Ratio	Lower	Upper
93	100		
63	68.5	55.6	83.4
95	32.9	26.2	39.4



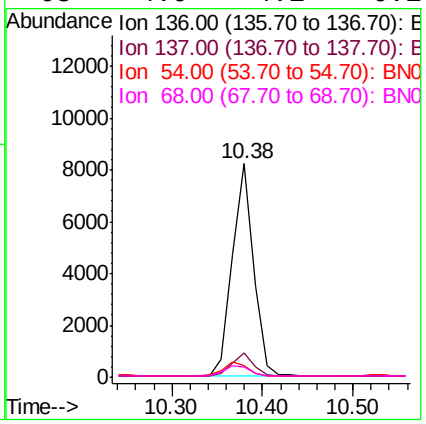


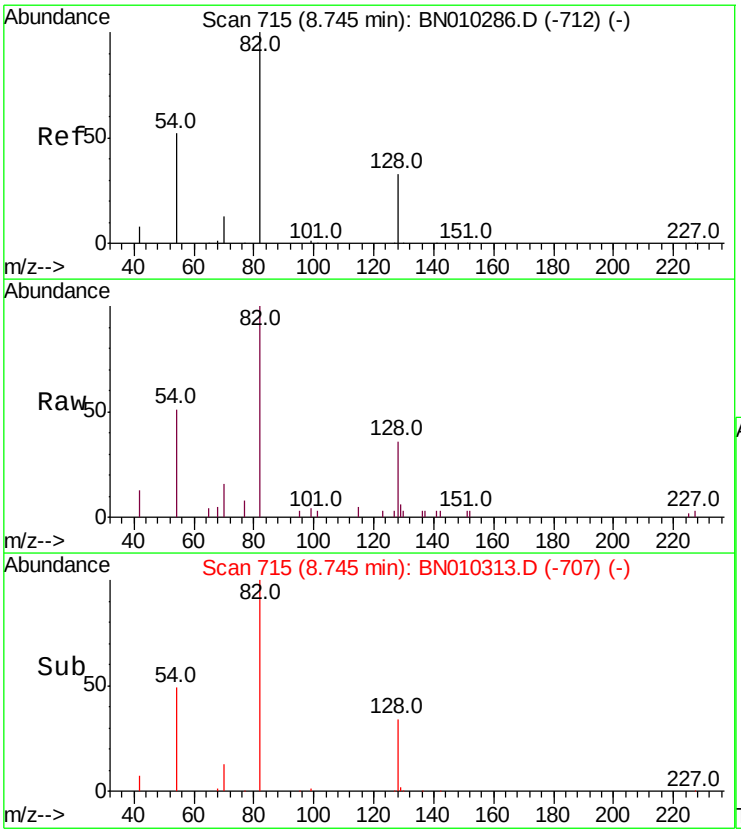
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13367

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	5.4	4.8	7.2
68	4.9	4.1	6.1

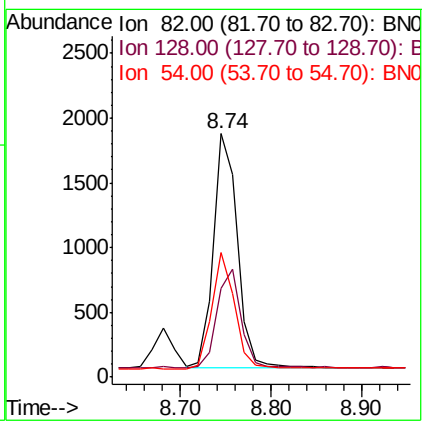


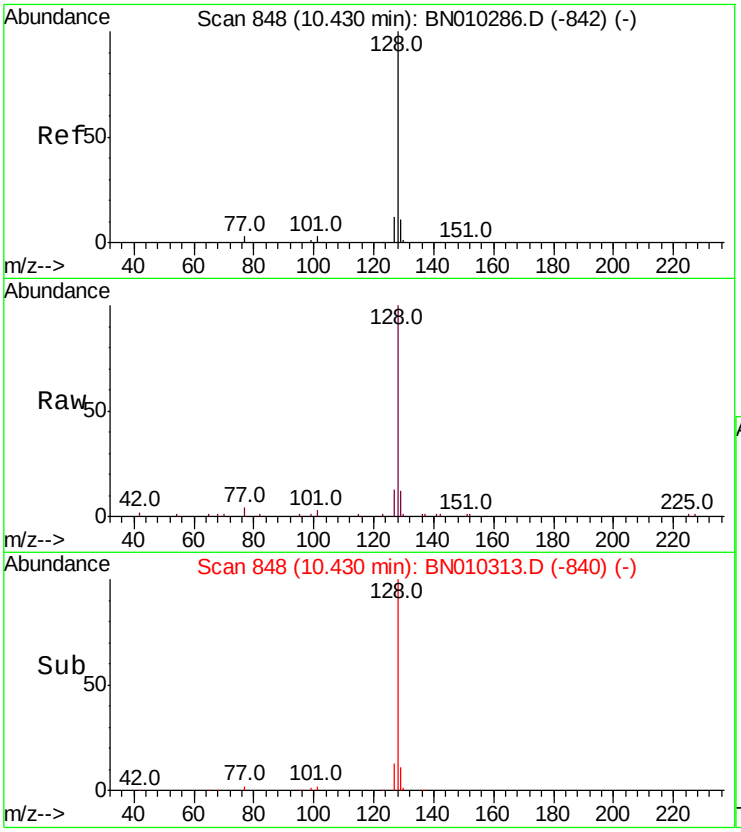


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion: 82 Resp: 3276

Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.8	43.2
54	51.2	42.1	63.1

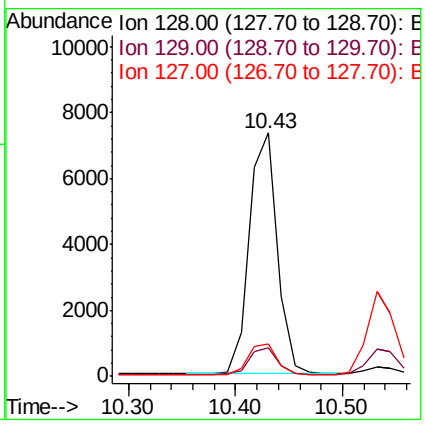




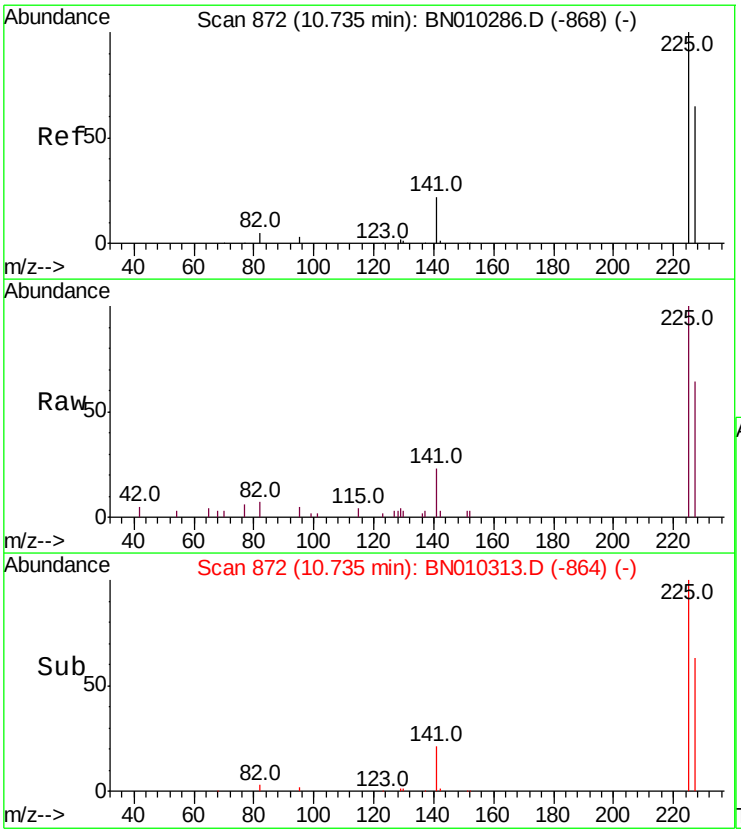
#9
Naphthalene
Concen: 0.401 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:128 Resp: 13368

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.1	10.4	15.6



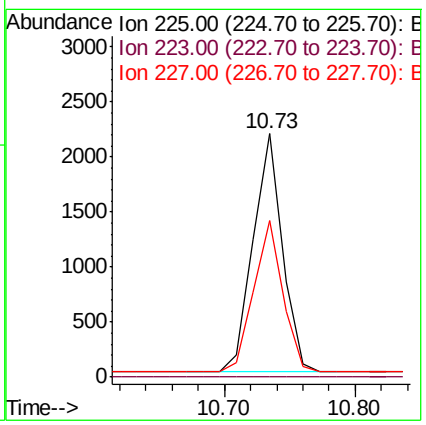
Instrument :
BNA_N
ClientSampleId :

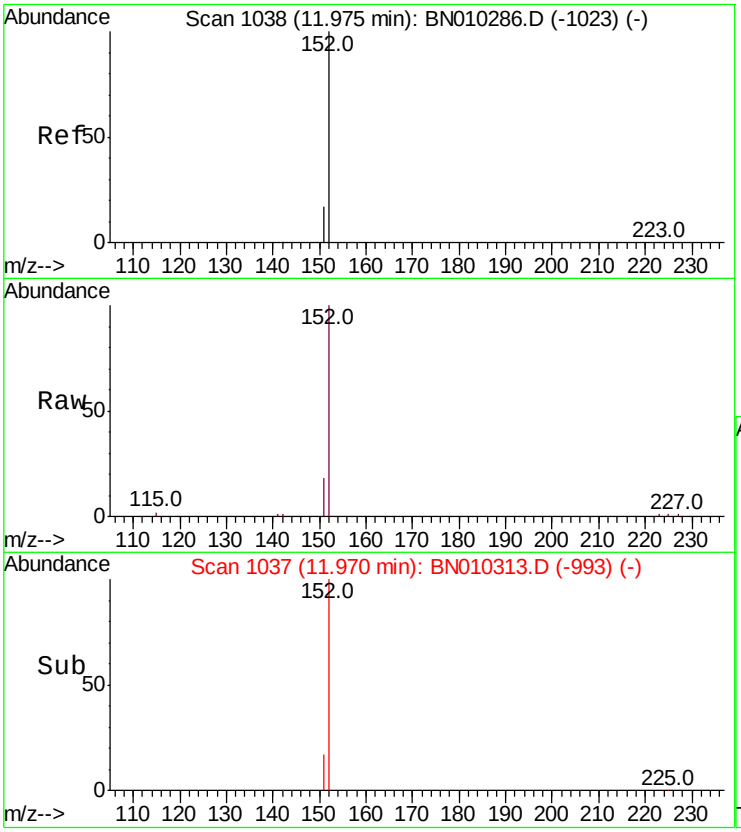


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:225 Resp: 3358

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	51.9	77.9



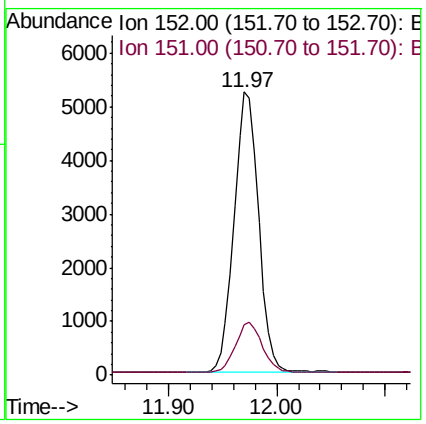


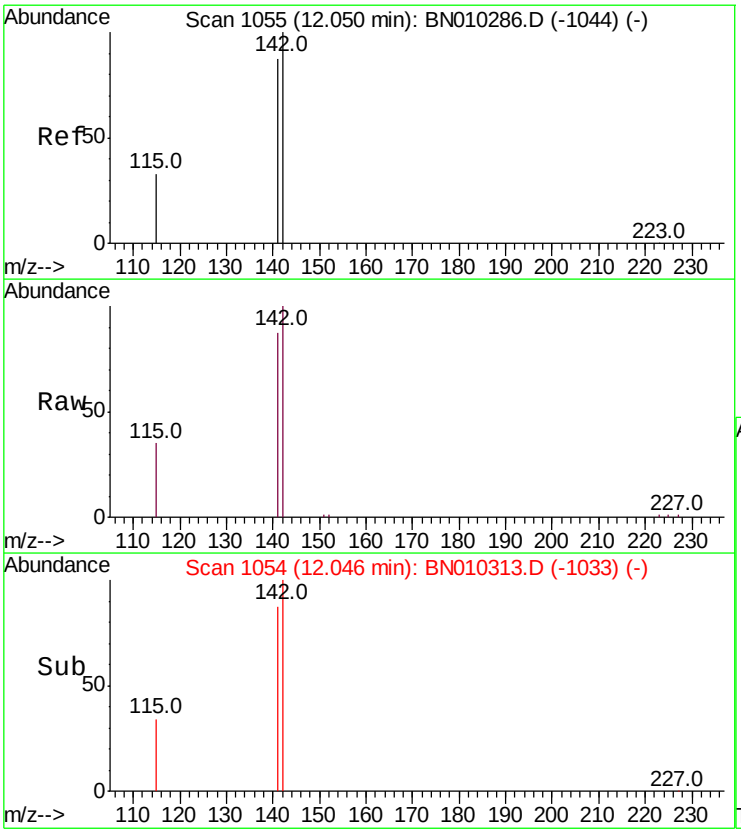
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8274

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2

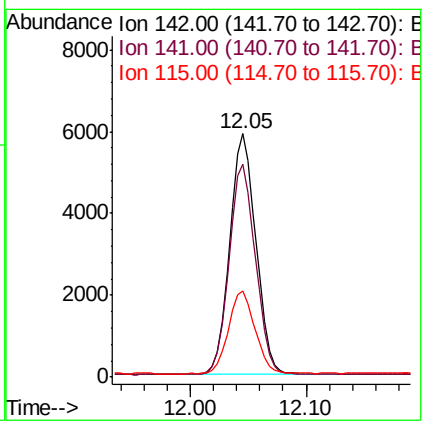


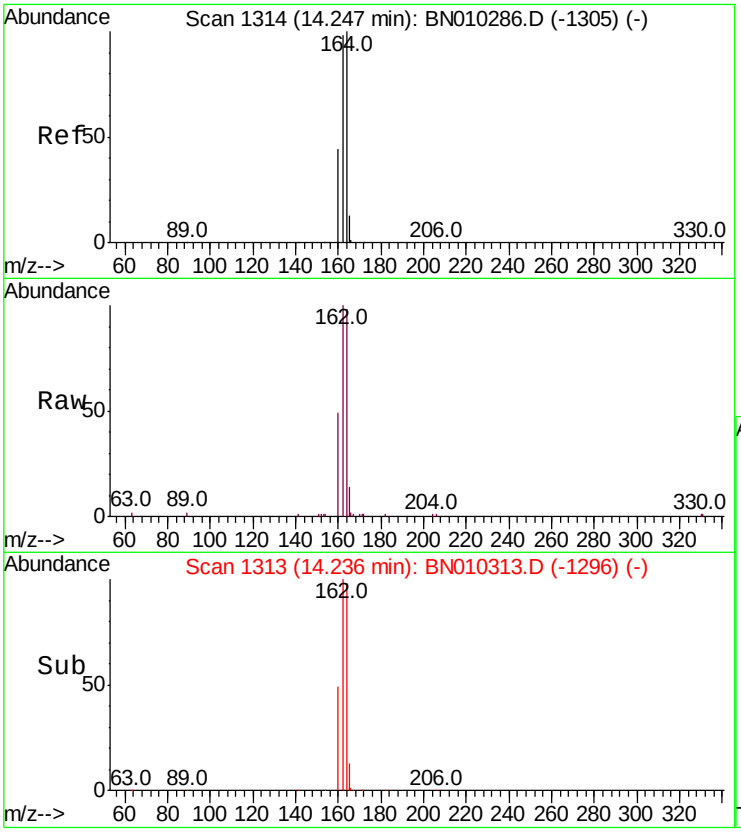


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:142 Resp: 9109

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.5	104.3
115	35.2	27.5	41.3



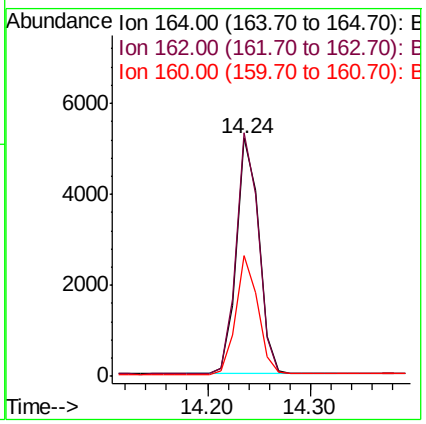


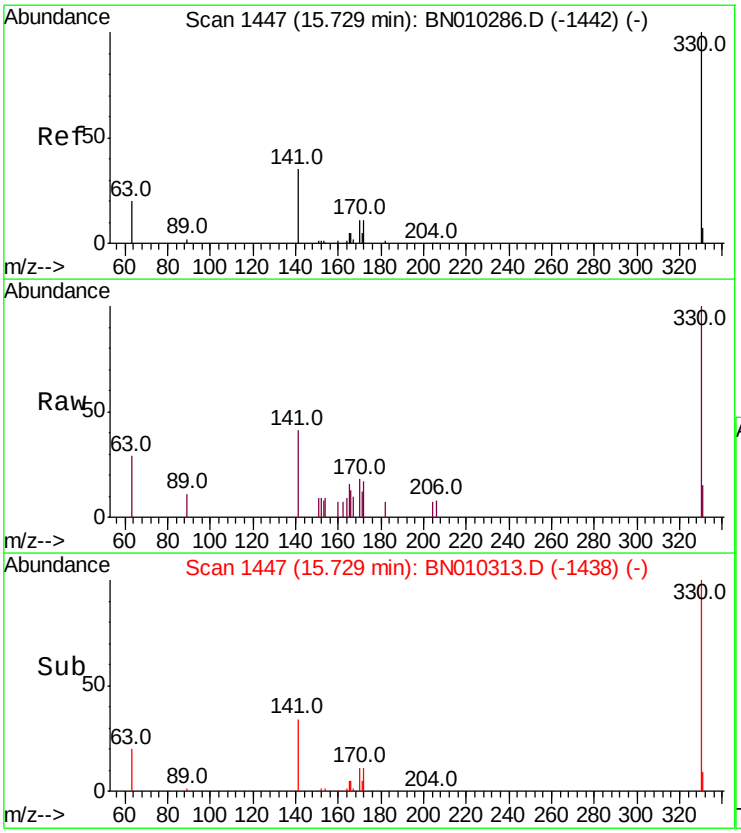
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7910

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.2	117.2
160	50.5	35.8	53.6

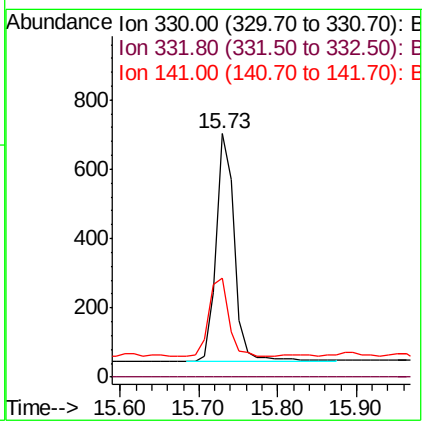


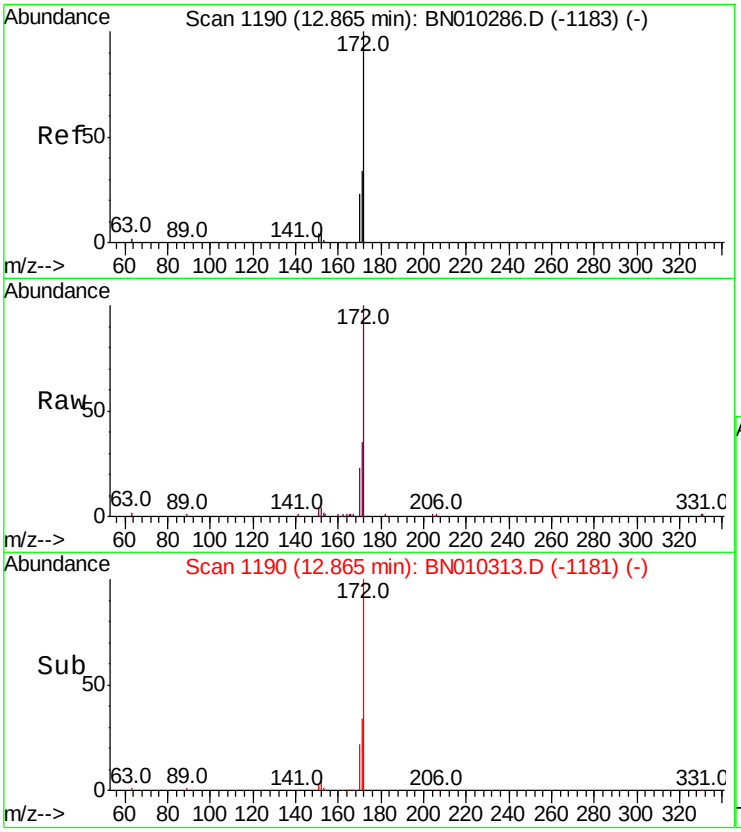


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:330 Resp: 1074

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.1	29.3	43.9



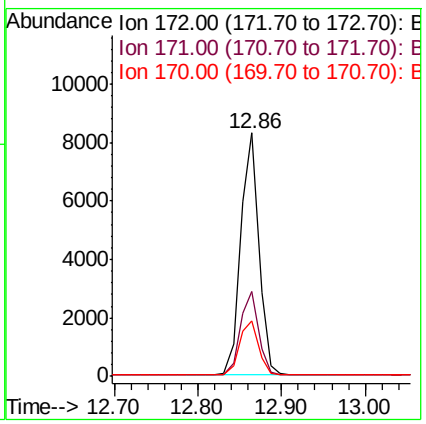


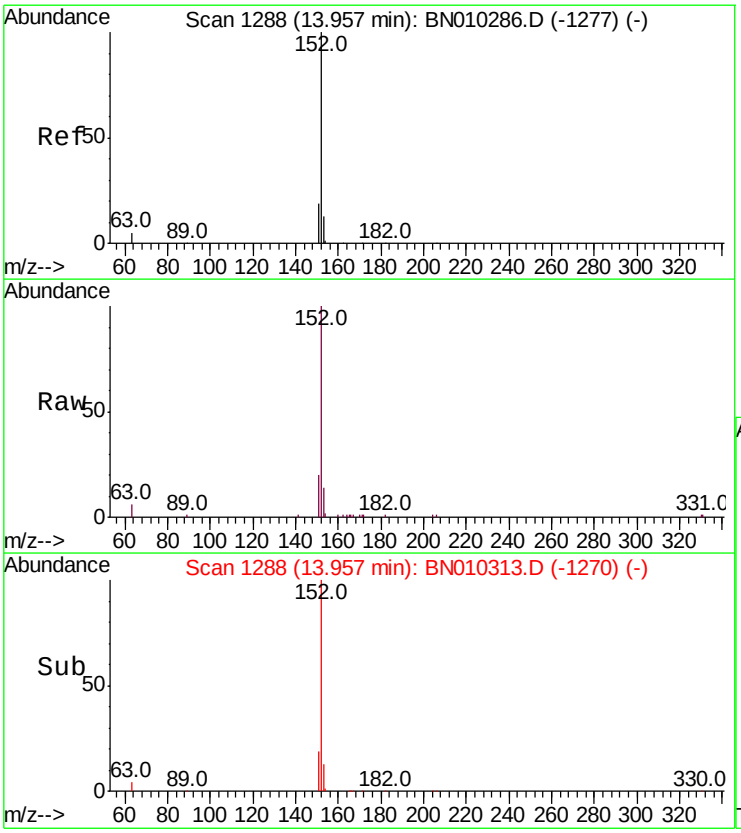
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 12482

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	22.8	18.5	27.7

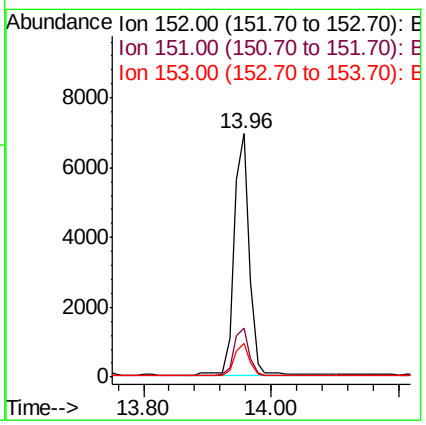


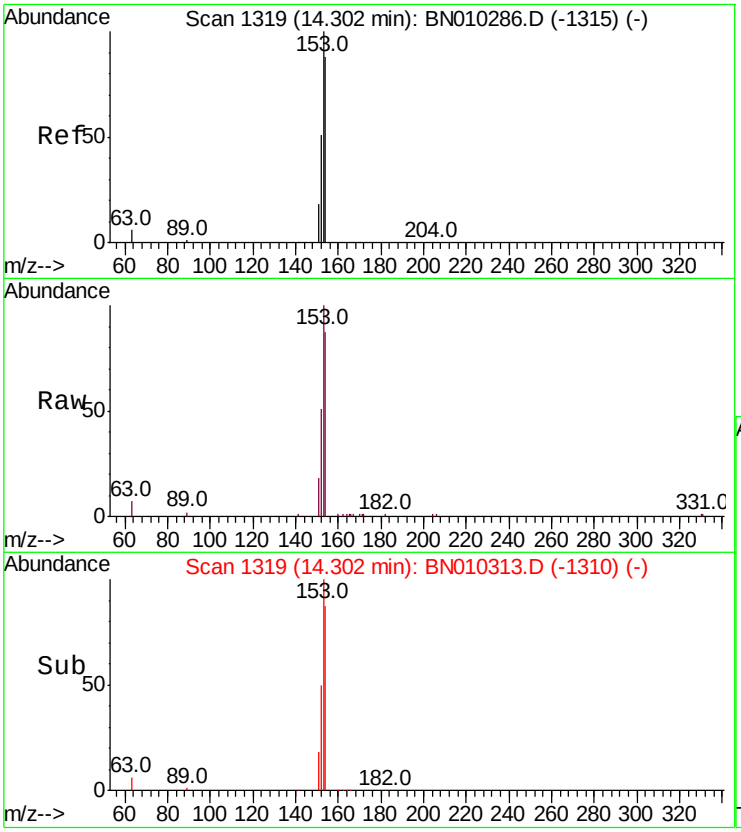


#16
Acenaphthylene
Concen: 0.370 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:152 Resp: 11482

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.6	23.4
153	12.9	10.6	15.8



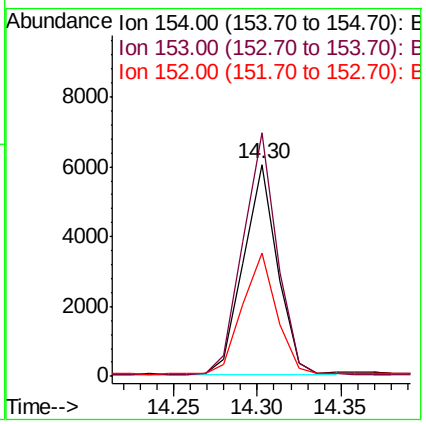


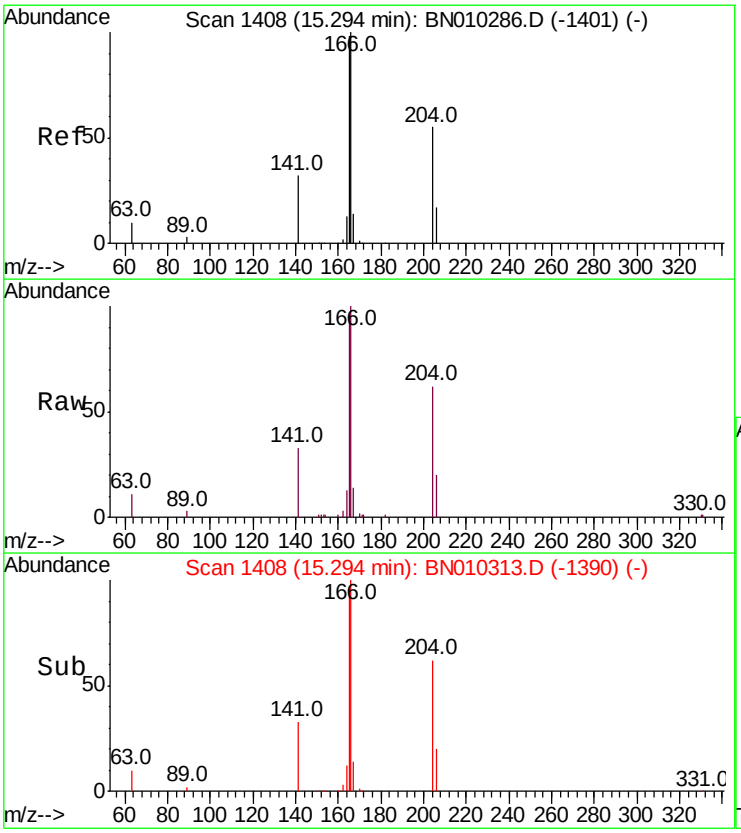
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8509

Ion	Ratio	Lower	Upper
154	100		
153	115.1	88.1	132.1
152	59.0	45.5	68.3

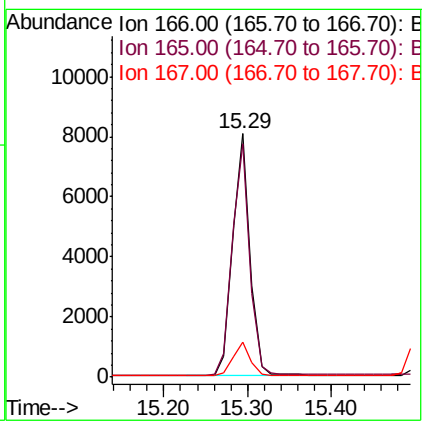


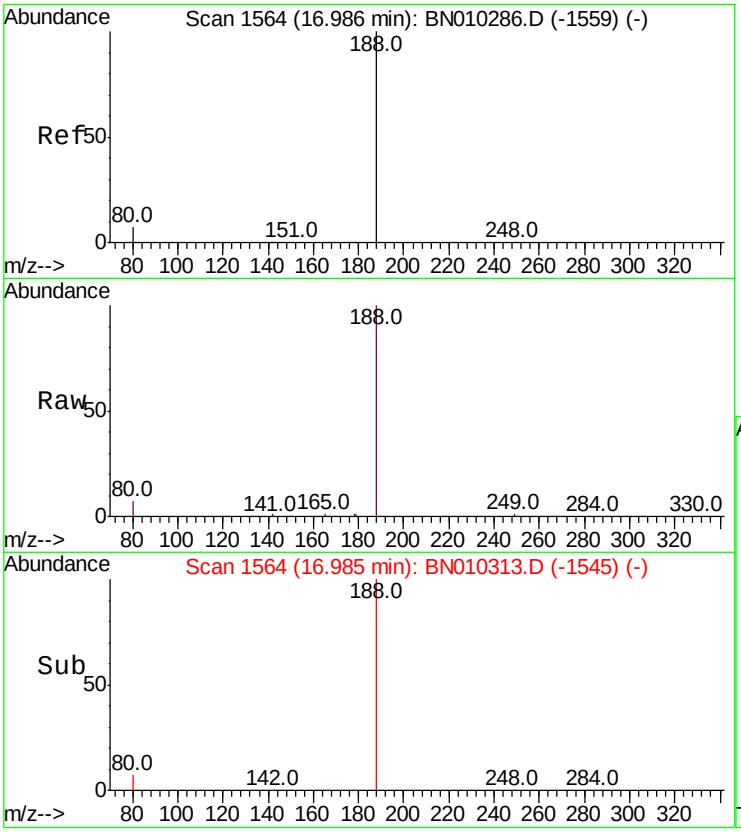


#18
Fluorene
Concen: 0.391 ng
RT: 15.29 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:166 Resp: 11492

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	13.5	11.0	16.4



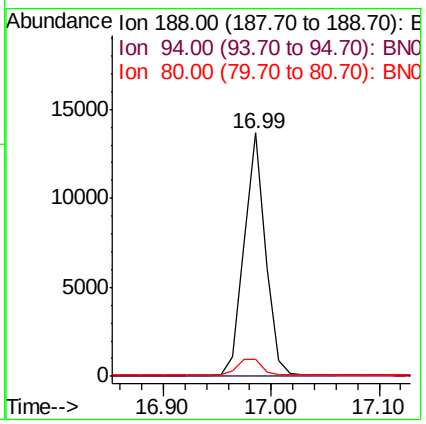


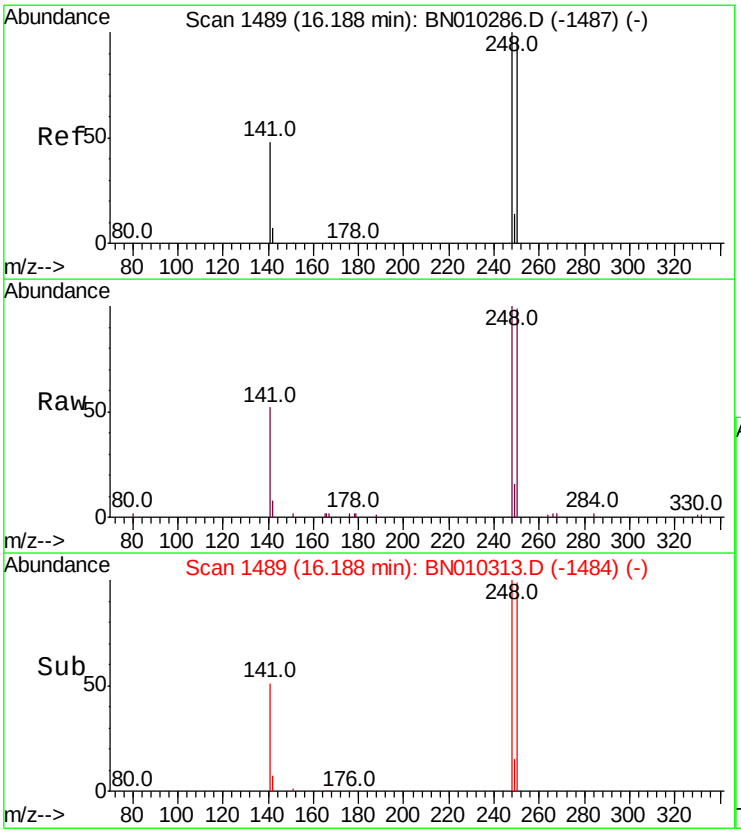
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 18666

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.0	9.0

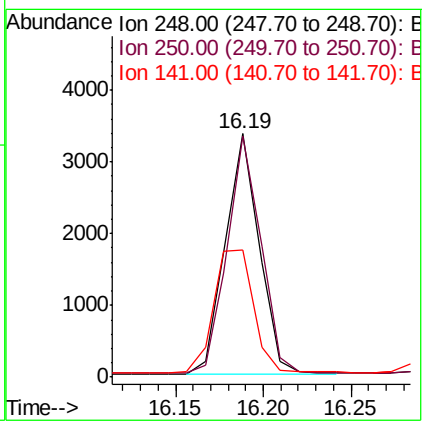


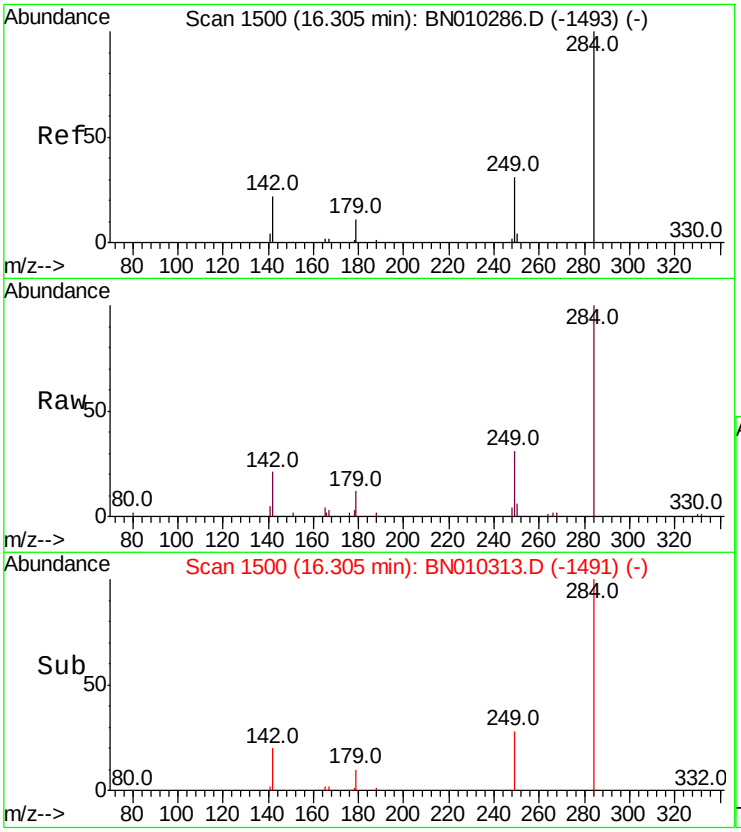


#20
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.19 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:248 Resp: 4423

Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.8	115.2
141	52.4	44.4	66.6



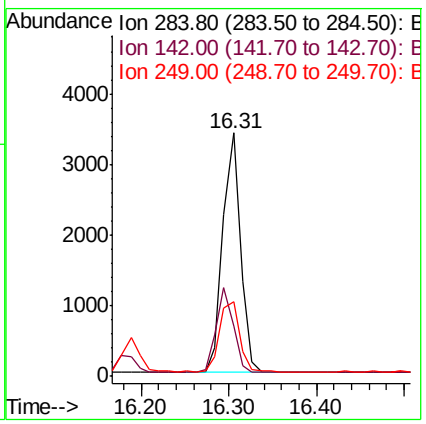


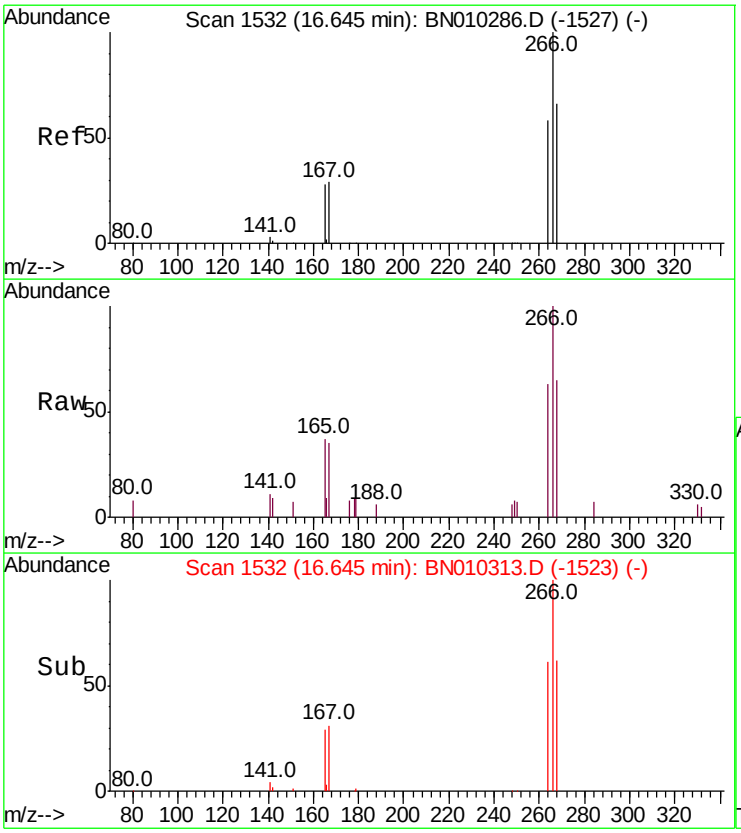
#21
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4765

Ion	Ratio	Lower	Upper
284	100		
142	34.8	27.4	41.2
249	32.6	26.5	39.7

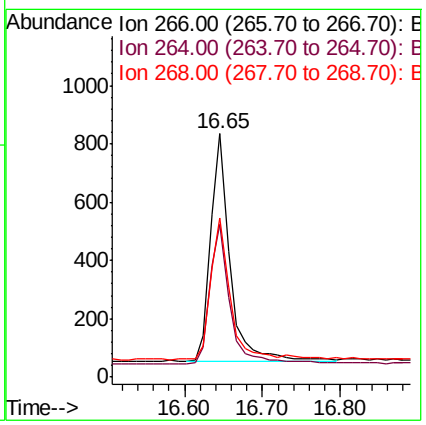


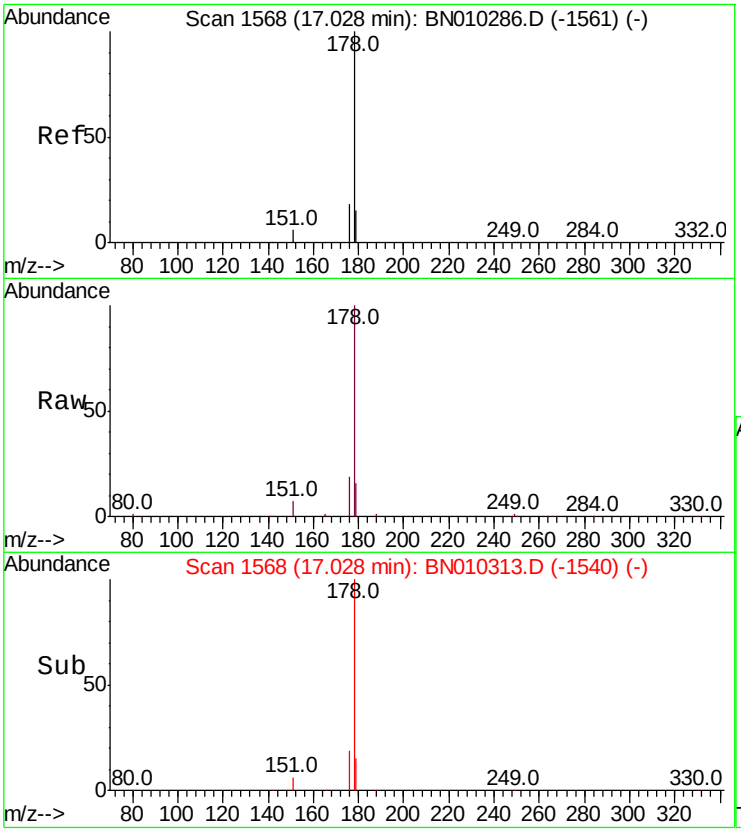


#22
Pentachlorophenol
Concen: 0.337 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:266 Resp: 1340

Ion	Ratio	Lower	Upper
266	100		
264	62.8	47.7	71.5
268	65.3	54.9	82.3



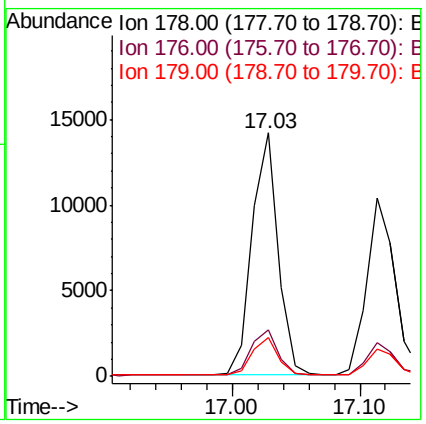


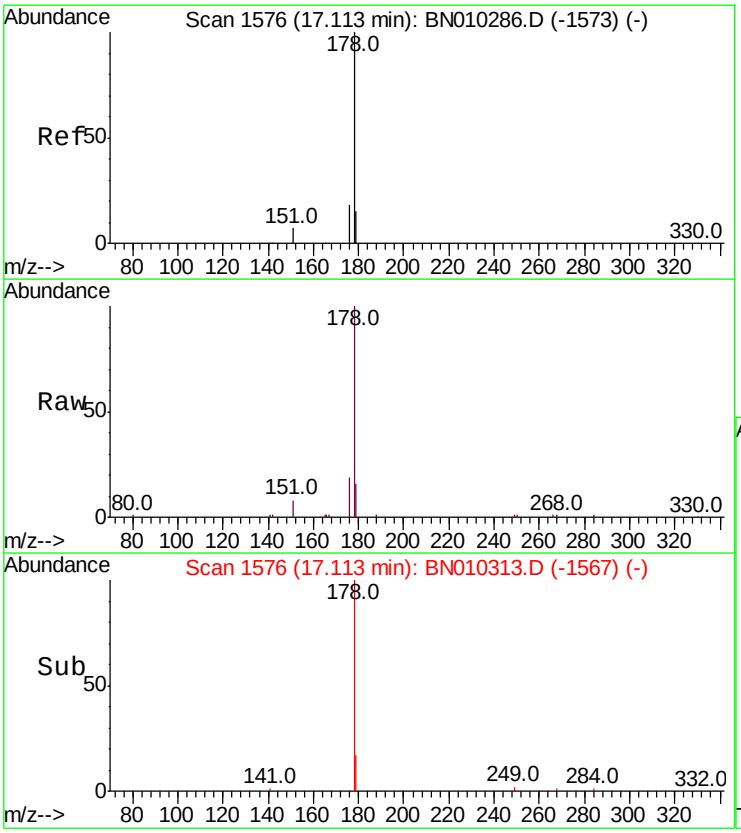
#23
Phenanthrene
Concen: 0.395 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 20276

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.5	12.4	18.6

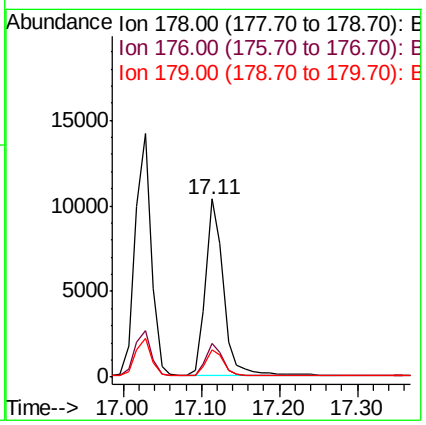


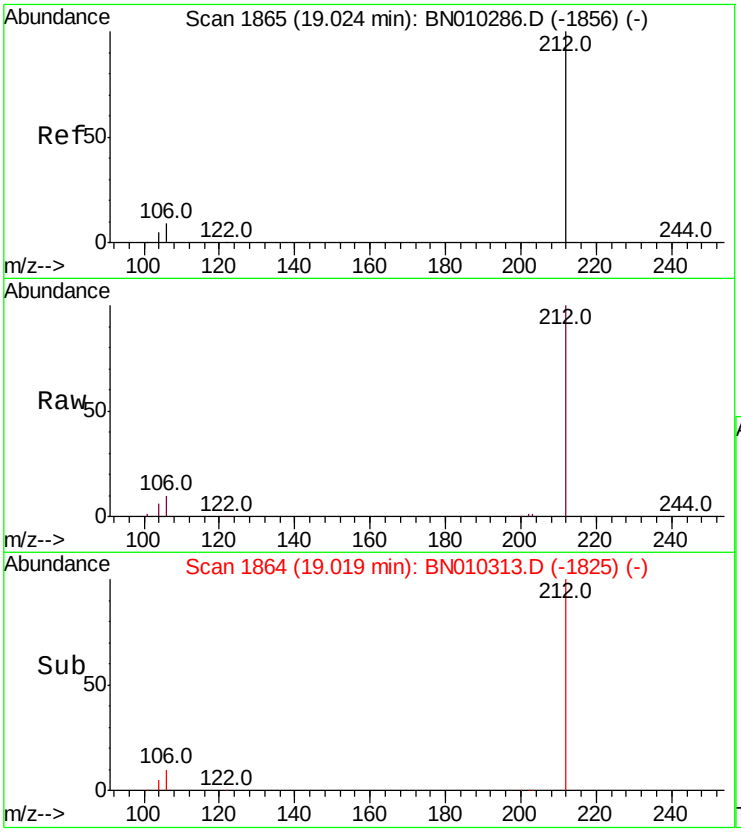


#24
Anthracene
Concen: 0.370 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:178 Resp: 16219

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.3	12.3	18.5



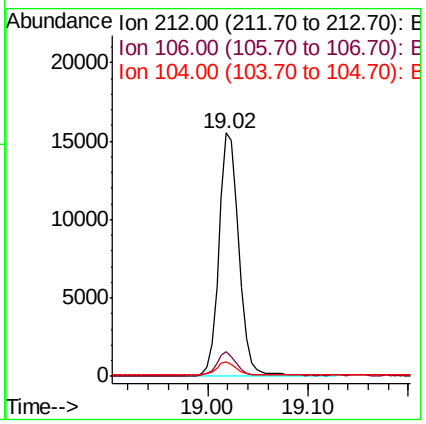


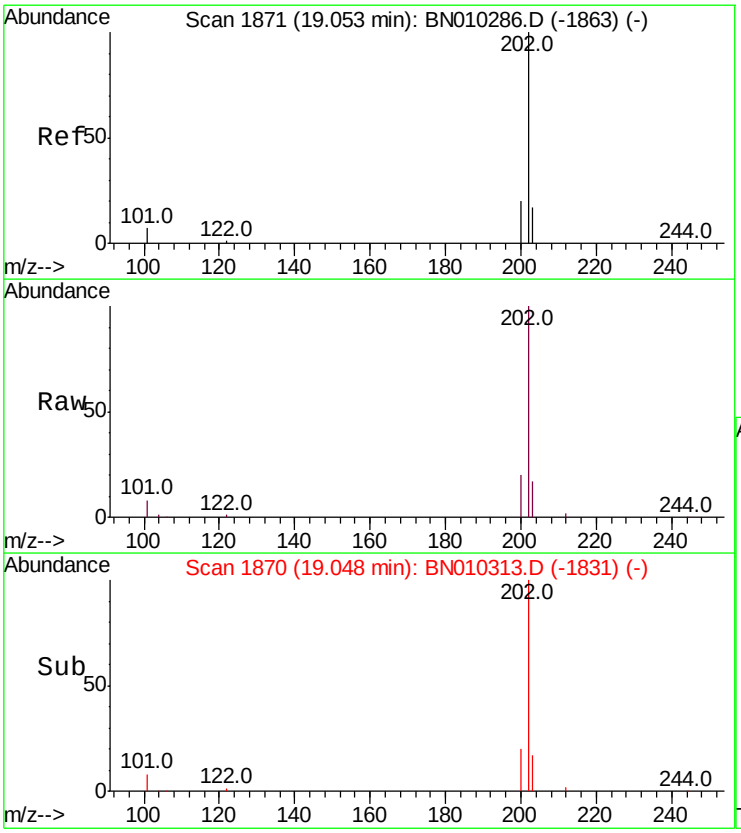
#25
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 21274

Ion	Ratio	Lower	Upper
212	100		
106	9.2	7.4	11.2
104	5.2	4.2	6.4

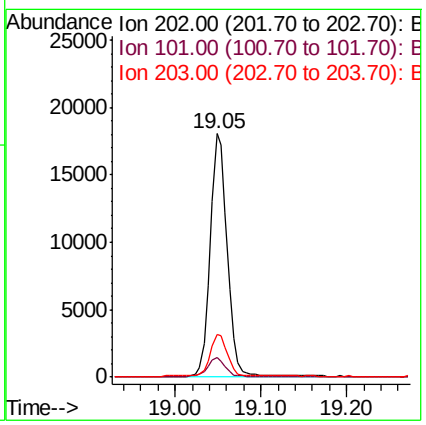


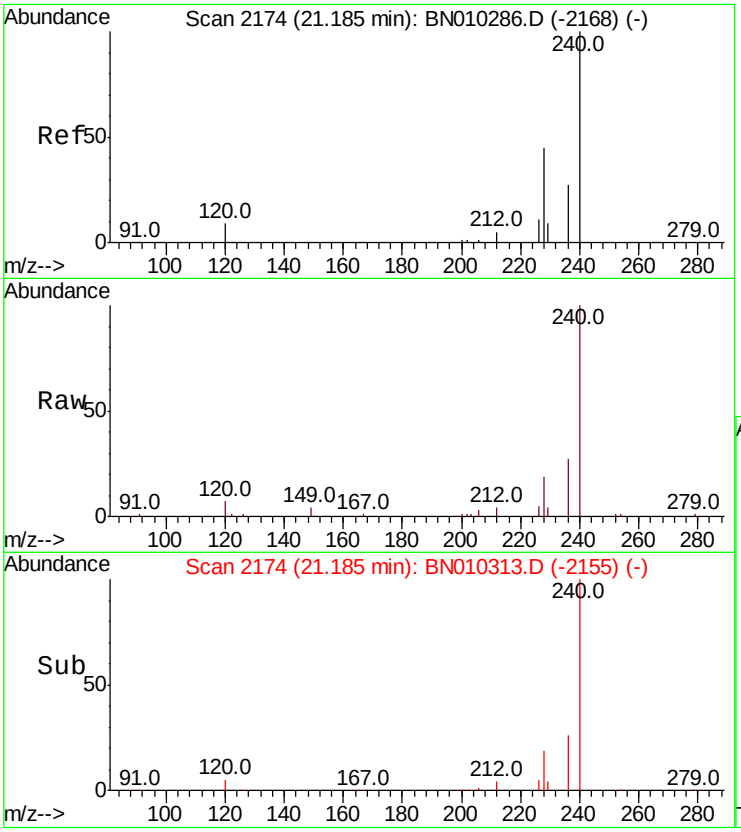


#26
Fluoranthene
Concen: 0.389 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:202 Resp: 24438

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.6	9.8
203	17.1	13.8	20.8



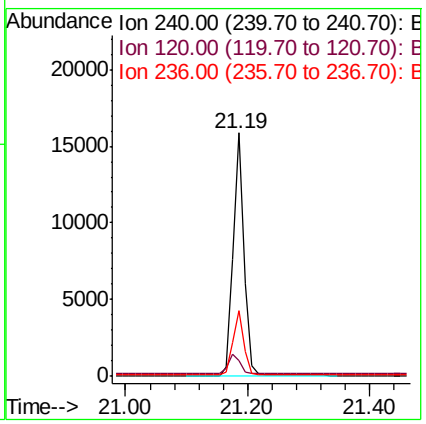


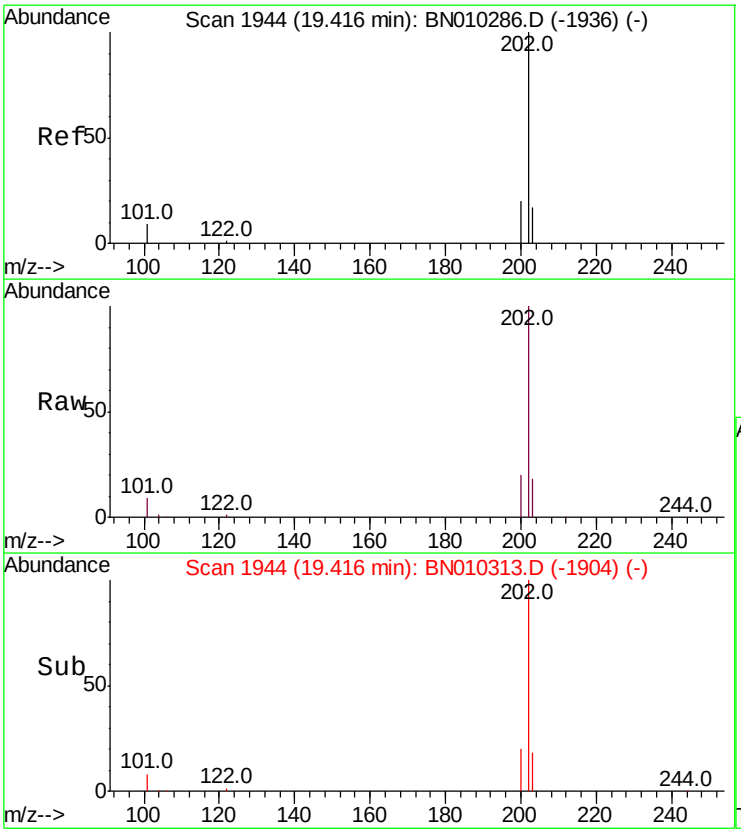
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 19855

Ion	Ratio	Lower	Upper
240	100		
120	6.6	7.9	11.9#
236	26.8	22.2	33.4

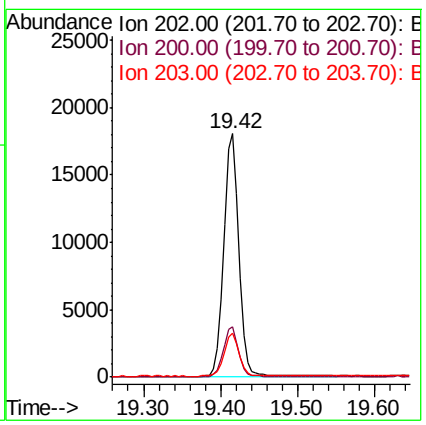


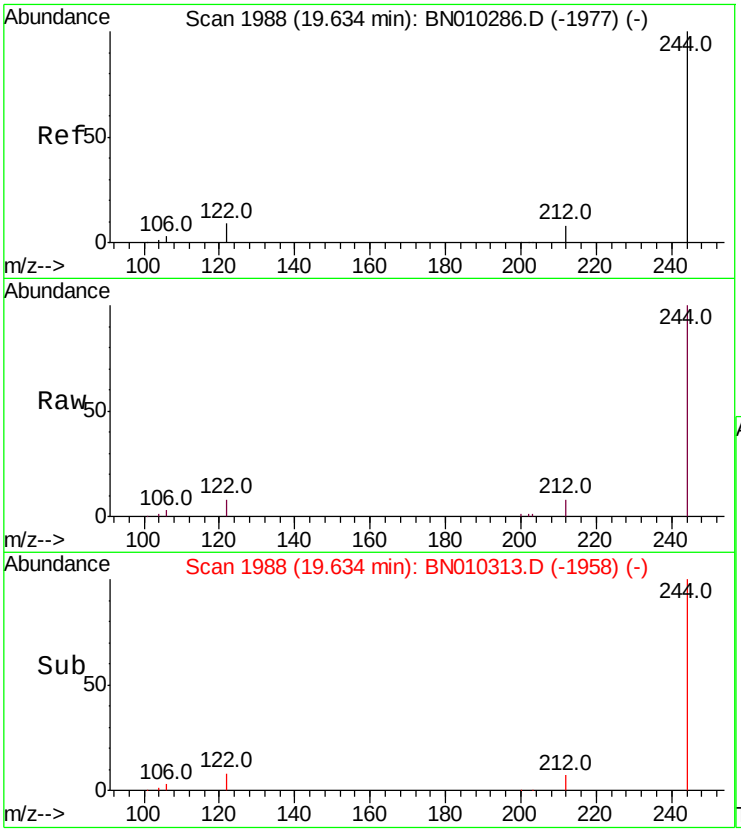


#28
Pyrene
Concen: 0.393 ng
RT: 19.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:202 Resp: 24276

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.6	14.2	21.2



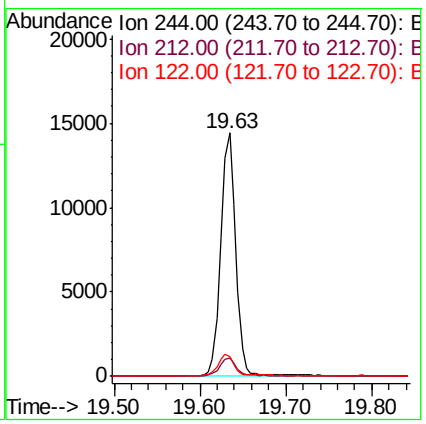


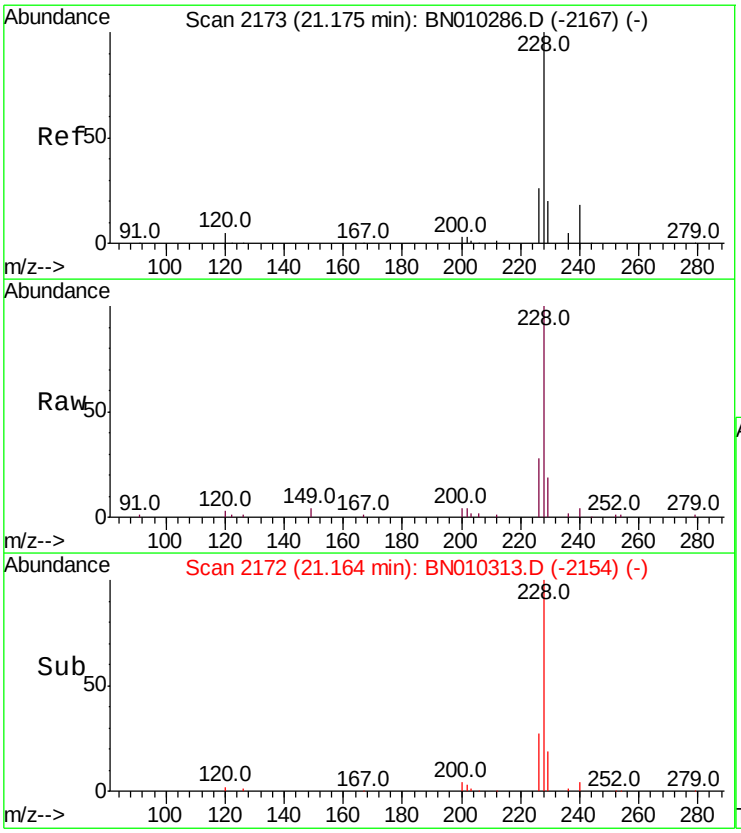
#29
Terphenyl-d14
Concen: 0.403 ng
RT: 19.63 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 17283

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	8.3	7.6	11.4

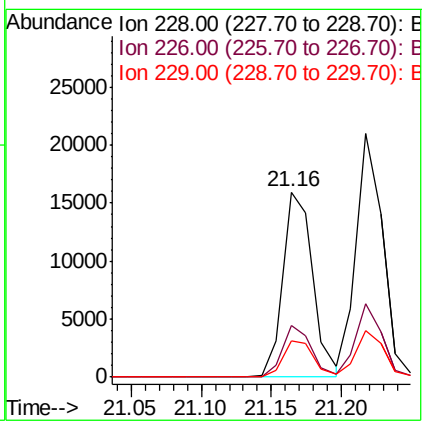


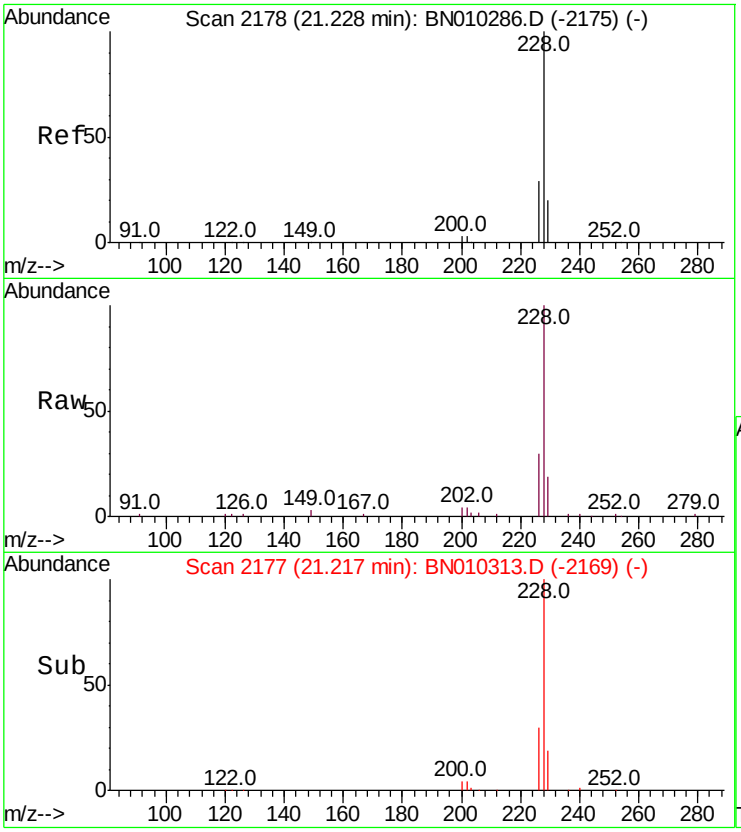


#30
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:228 Resp: 23560

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.0	31.4
229	19.4	16.0	24.0



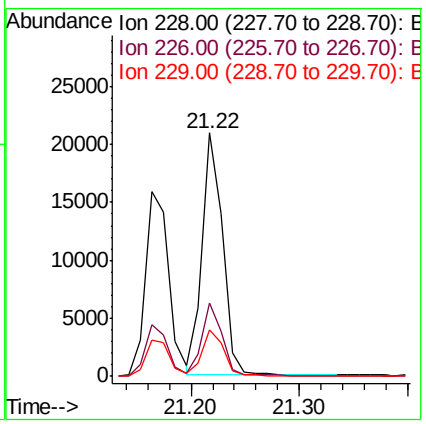


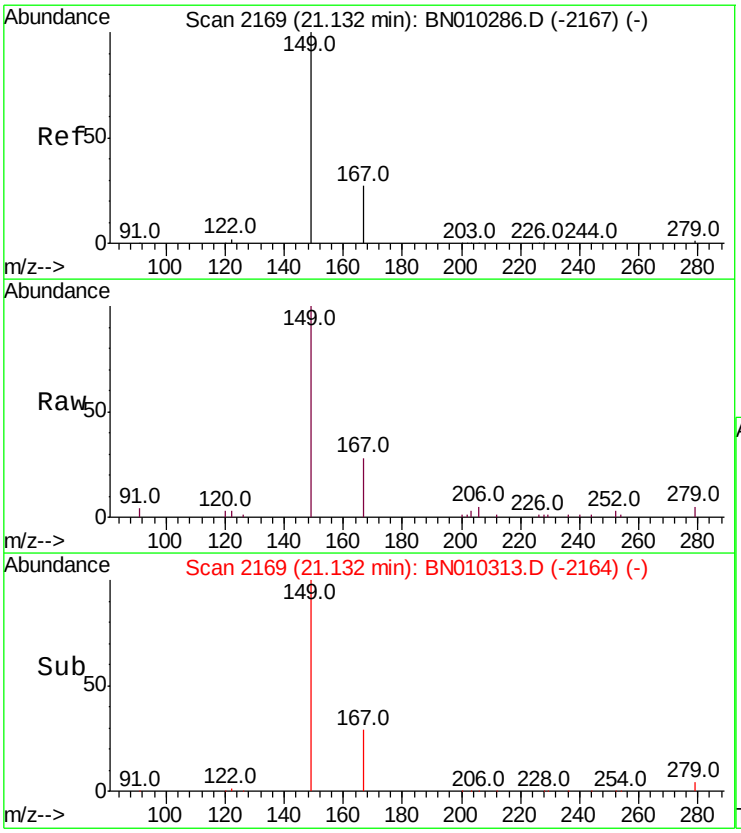
#31
Chrysene
Concen: 0.406 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 27547

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.6
229	19.3	16.0	24.0

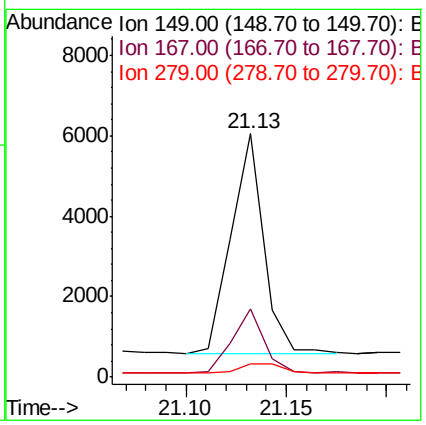


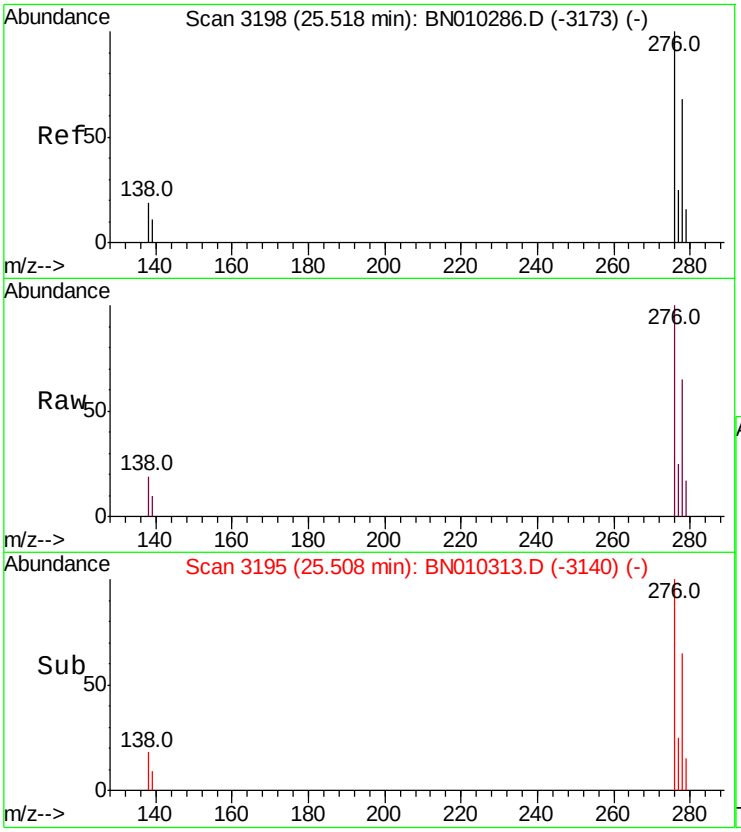


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.289 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:149 Resp: 6175

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.6
279	5.2	3.8	5.8



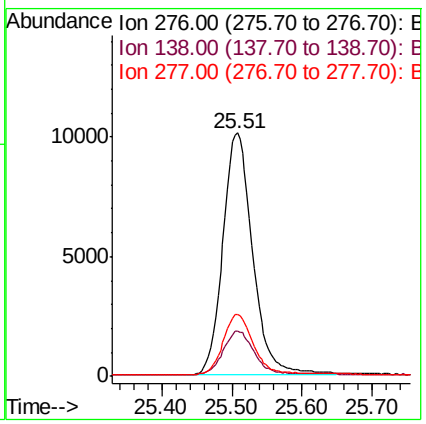


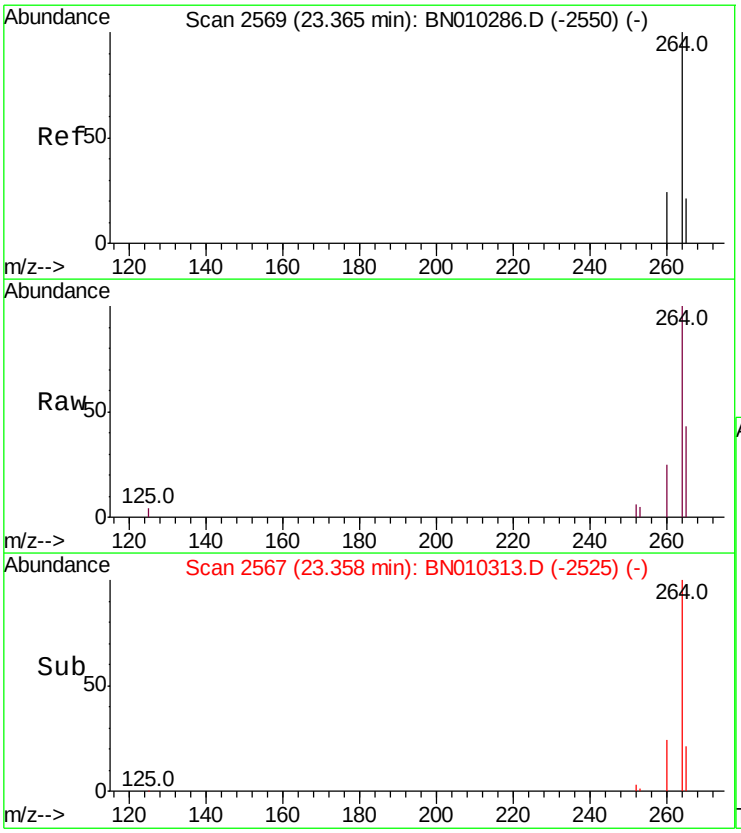
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng
RT: 25.51 min Scan# 3195
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 29841

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.6	23.4
277	25.0	20.1	30.1

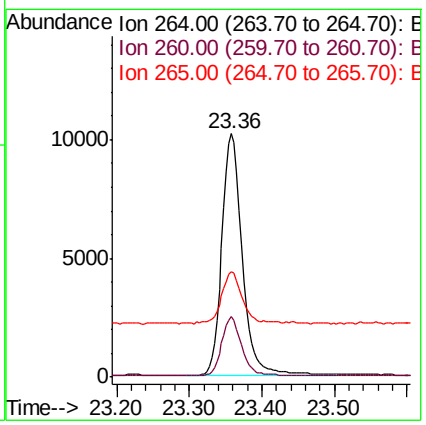


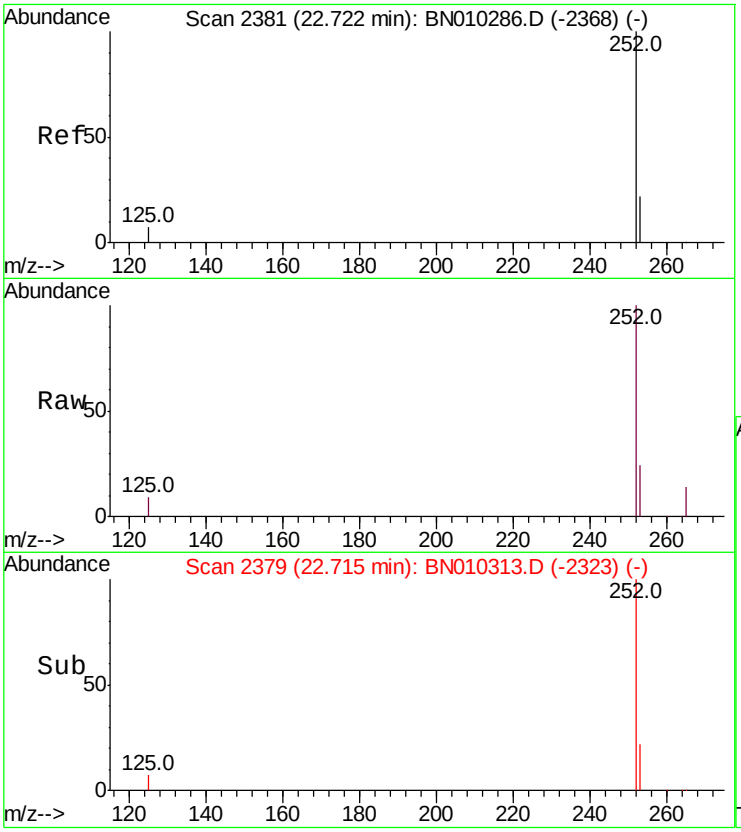


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:264 Resp: 19931

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	43.3	32.4	48.6



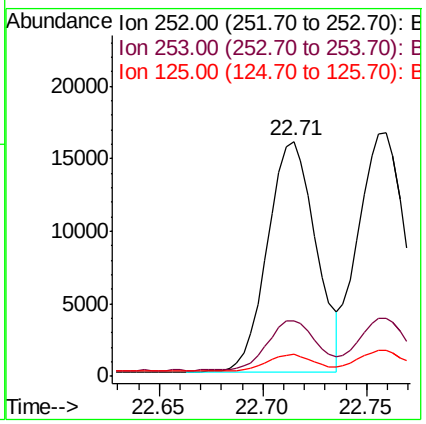


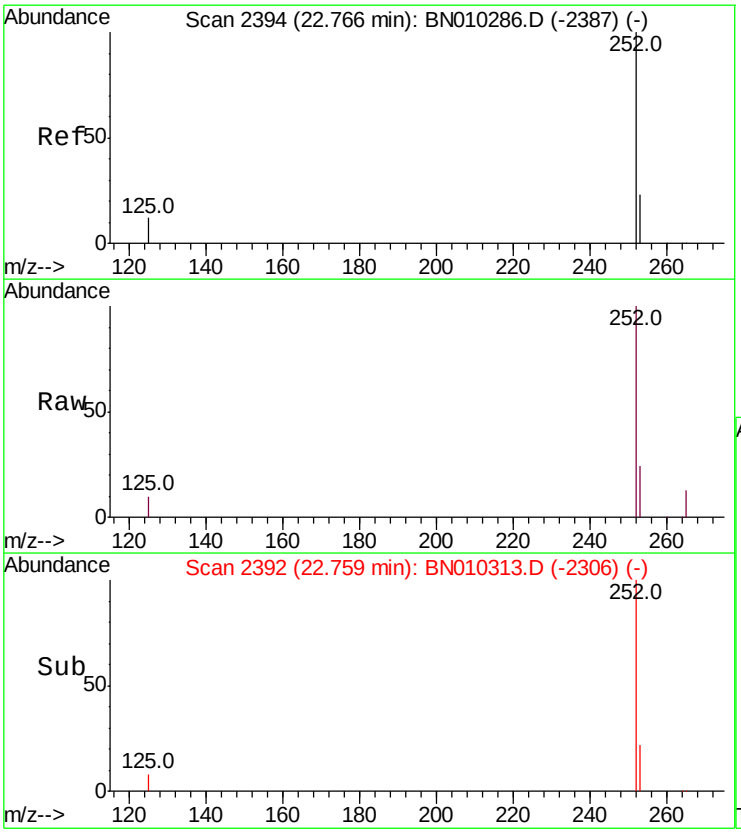
#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 25612

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	9.4	7.4	11.0

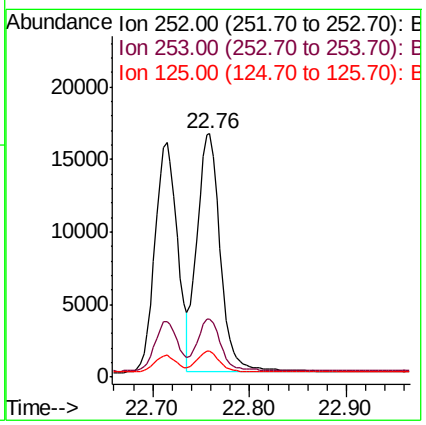


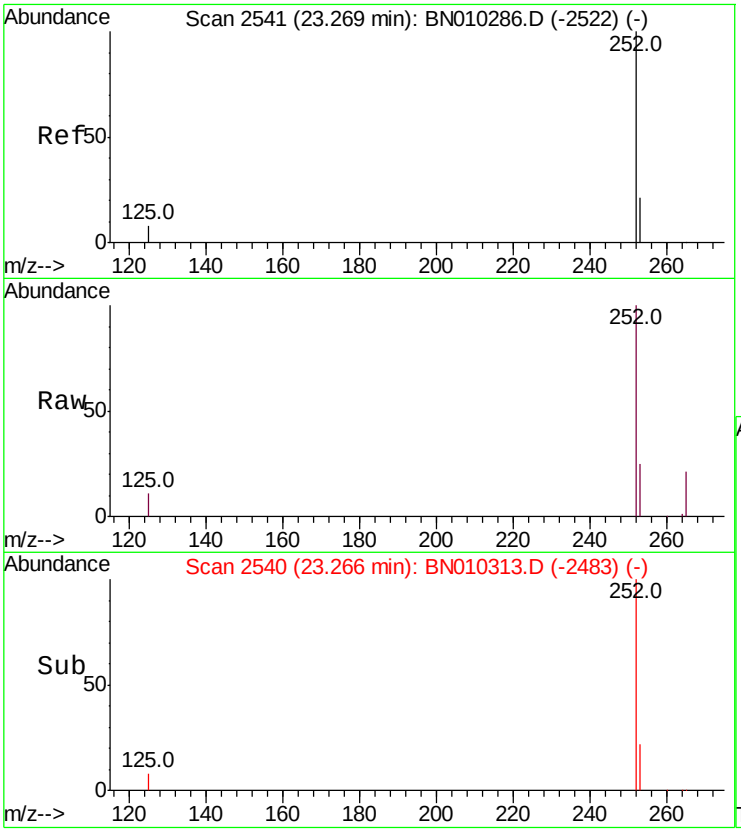


#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 22.76 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:252 Resp: 27433

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.0
125	10.4	10.2	15.2



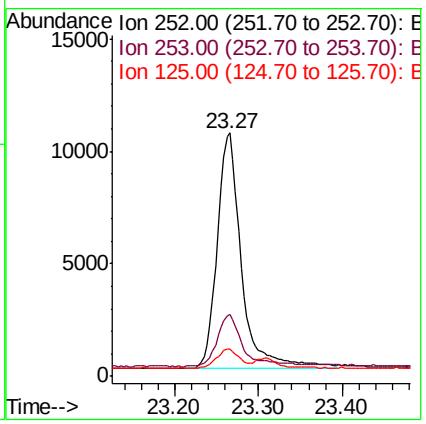


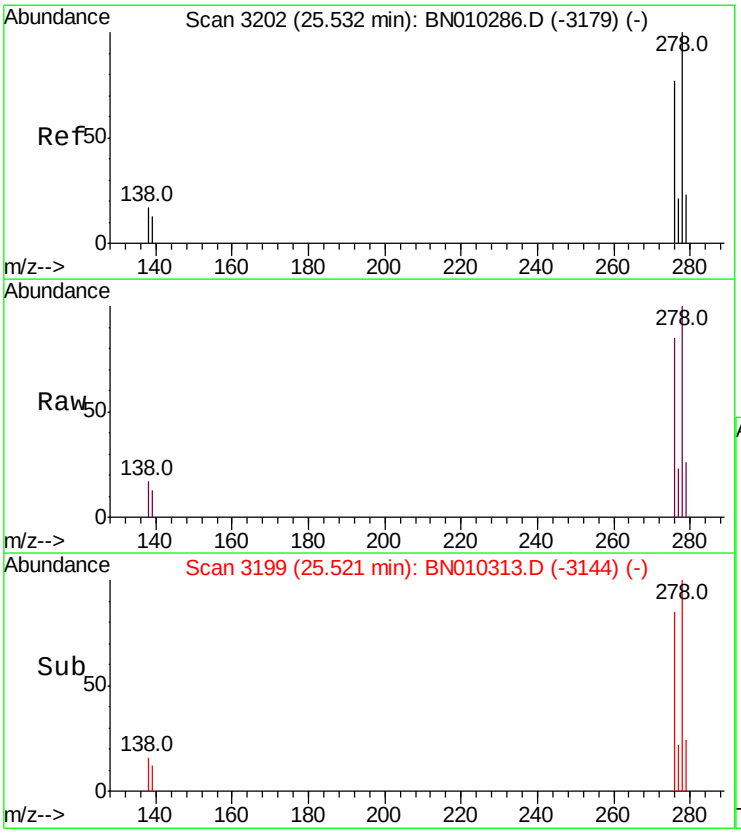
#37
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.27 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 21229

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.9	29.9
125	11.3	8.9	13.3

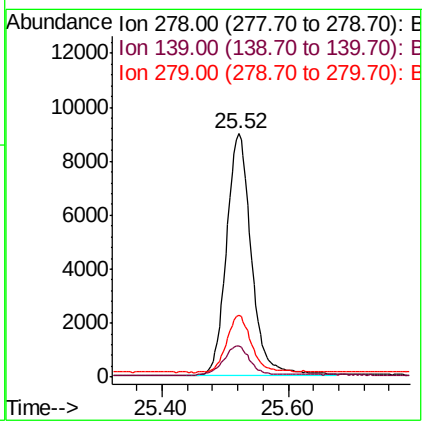


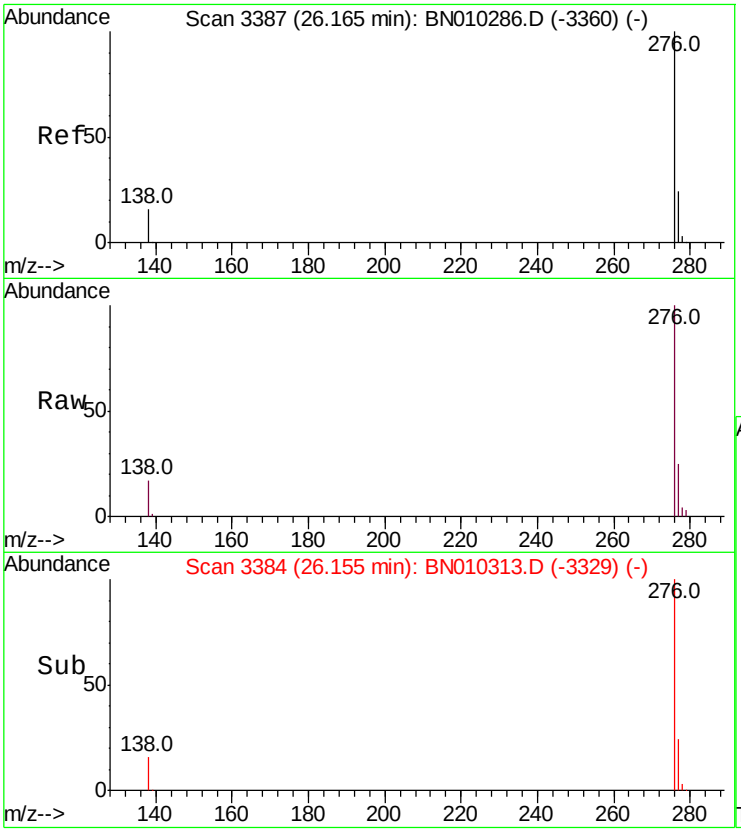


#38
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 25.52 min Scan# 3199
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Tgt Ion:278 Resp: 24551

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.6	16.0
279	25.5	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.388 ng
RT: 26.15 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BN010313.D
Acq: 20 Mar 2020 21:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 24116

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.6	29.4
138	16.8	13.3	19.9