Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051420\
Data File : BN010710.D
Acq On : 14 May 2020 12:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: May 14 12:57:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:56:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3687	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	14121	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	8556	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	18160	0.40	ng		0.00
27) Chrysene-d12	21.15	240	15505	0.40	ng		0.00
34) Perylene-d12	23.32	264	14586	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2984	0.41	ng		0.00
5) Phenol-d6	6.77	99	3512	0.40	ng		0.00
8) Nitrobenzene-d5	8.71	82	3830	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.92	152	9024	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1145	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.82	172	12784	0.41	ng		0.00
25) Fluoranthene-d10	18.99	212	19263	0.39	ng		0.00
29) Terphenyl-d14	19.60	244	14705	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1284	0.404	ng		97
3) n-Nitrosodimethylamine	3.56	42	743	0.406	ng	#	99
6) bis(2-Chloroethyl)ether	7.01	93	3877	0.427	ng		98
9) Naphthalene	10.37	128	14063	0.396	ng		99
10) Hexachlorobutadiene	10.67	225	3277	0.403	ng	#	99
12) 2-Methylnaphthalene	12.00	142	9827	0.393	ng		100
16) Acenaphthylene	13.91	152	13211	0.378	ng		100
17) Acenaphthene	14.26	154	9408	0.398	ng		99
18) Fluorene	15.25	166	12033	0.389	ng		99
20) 4-Bromophenyl-phenylether	16.16	248	3863	0.385	ng		91
21) Hexachlorobenzene	16.26	284	4762	0.399	ng		99
22) Pentachlorophenol	16.61	266	1503	0.407	ng		98
23) Phenanthrene	16.99	178	19133	0.393	ng		99
24) Anthracene	17.08	178	15615	0.381	ng		100
26) Fluoranthene	19.02	202	21622	0.391	ng		99
28) Pyrene	19.38	202	21497	0.387	ng		100
30) Benzo(a)anthracene	21.14	228	16881	0.373	ng		100
31) Chrysene	21.20	228	20892	0.408	ng		99
32) Bis(2-ethylhexyl)phthalate	21.10	149	7339	0.371	ng		100
33) Indeno(1,2,3-cd)pyrene	25.47	276	18297	0.402	ng		99
35) Benzo(b)fluoranthene	22.68	252	18413	0.382	ng		97
36) Benzo(k)fluoranthene	22.73	252	20590	0.396	ng		97
37) Benzo(a)pyrene	23.23	252	16060	0.385	ng		96
38) Dibenzo(a,h)anthracene	25.48	278	14129	0.396	ng		96
39) Benzo(g,h,i)perylene	26.11	276	16133	0.386	ng		100

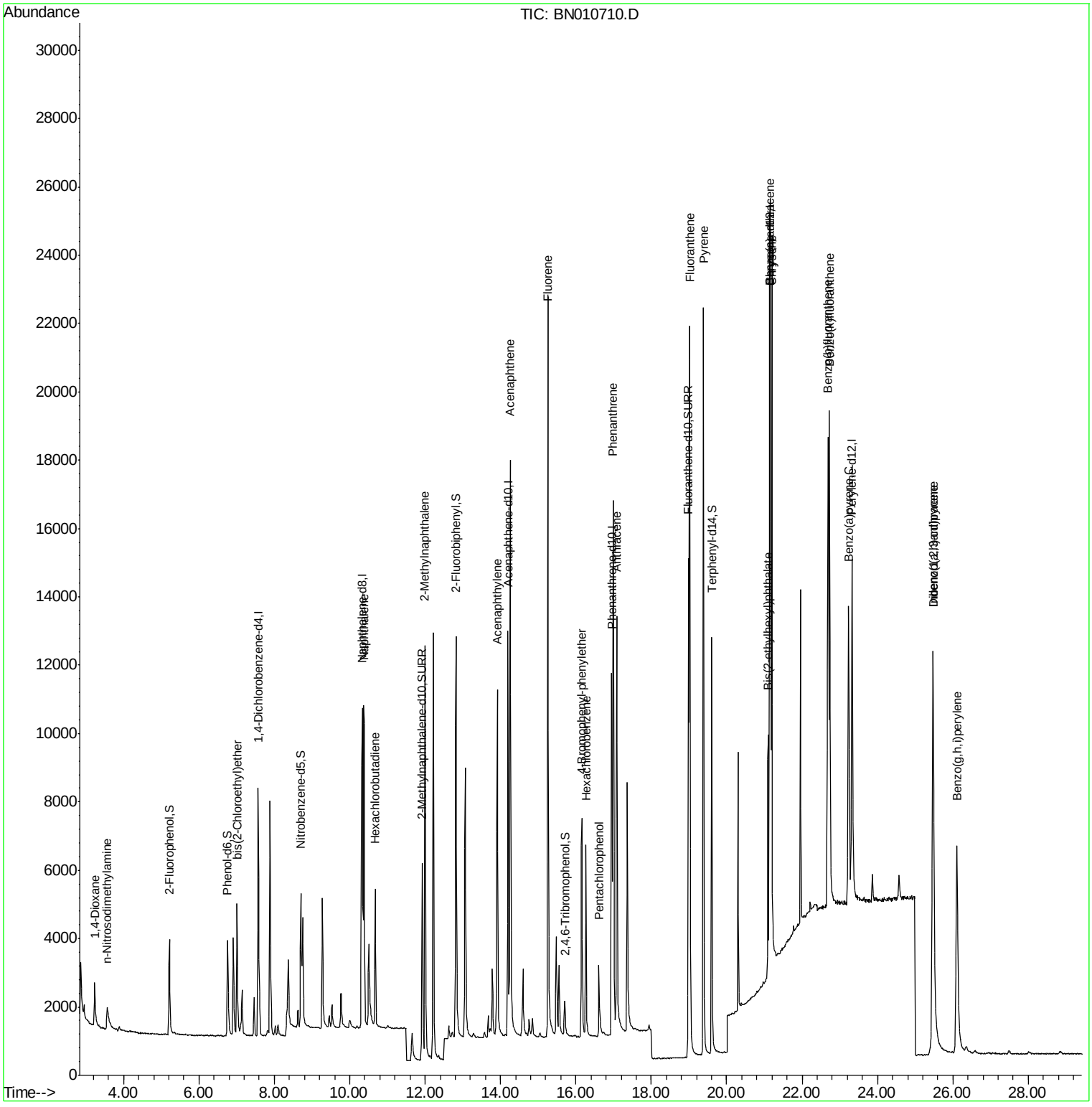
(#) = qualifier out of range (m) = manual integration (+) = signals summed

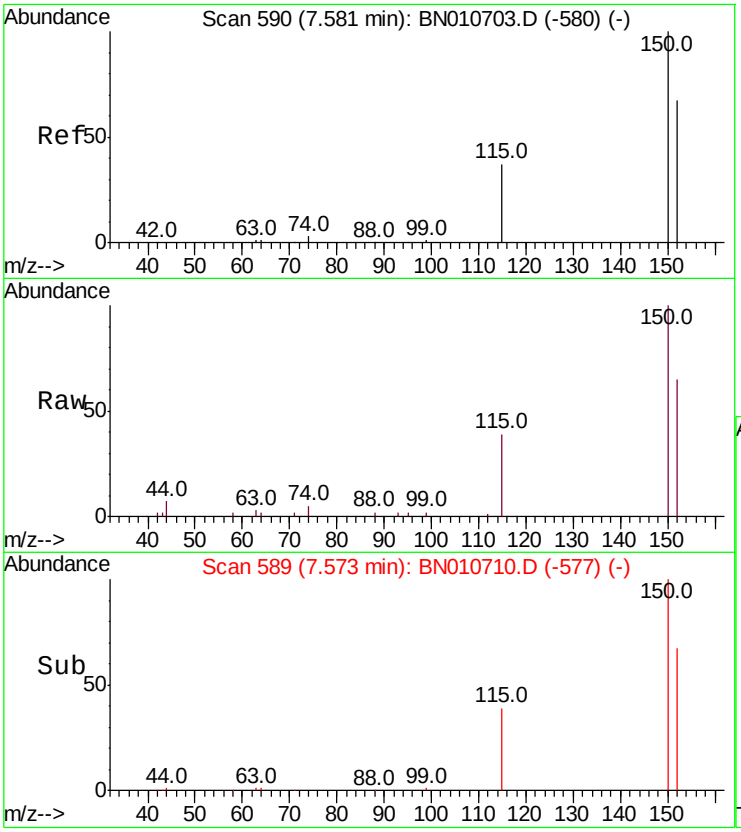
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051420\
Data File : BN010710.D
Acq On : 14 May 2020 12:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 14 12:57:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:56:11 2020
Response via : Initial Calibration



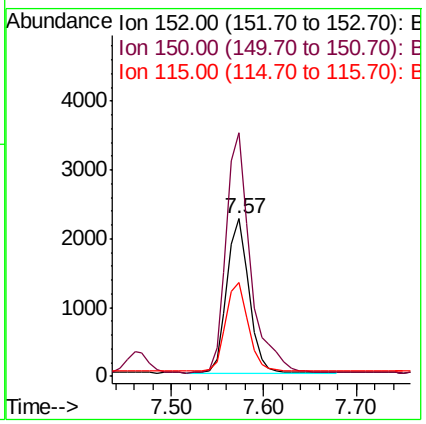


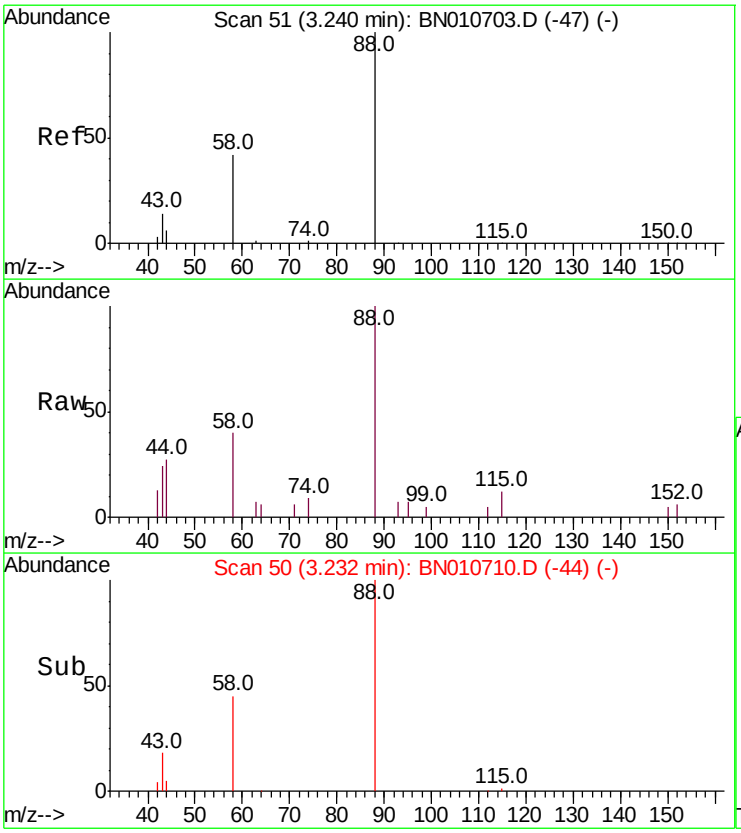
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3687

Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.4	179.0
115	59.6	45.9	68.9

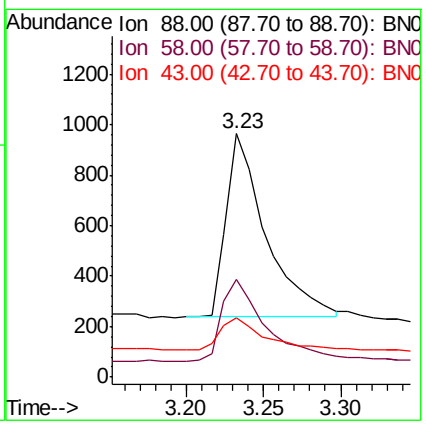


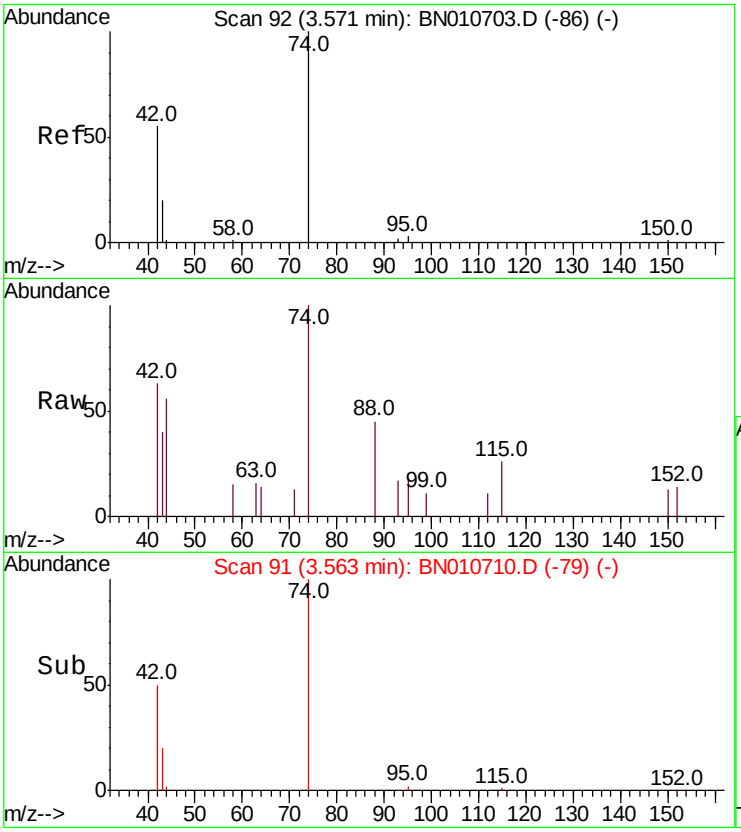


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion: 88 Resp: 1284

Ion	Ratio	Lower	Upper
88	100		
58	50.5	39.0	58.6
43	18.6	13.1	19.7



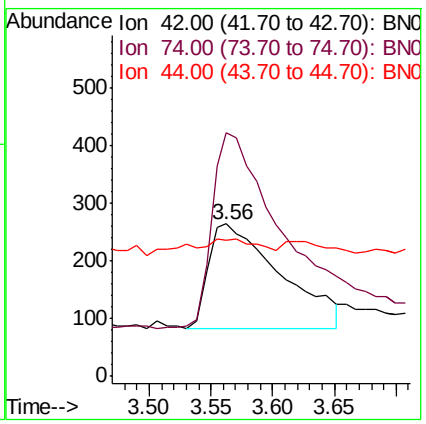


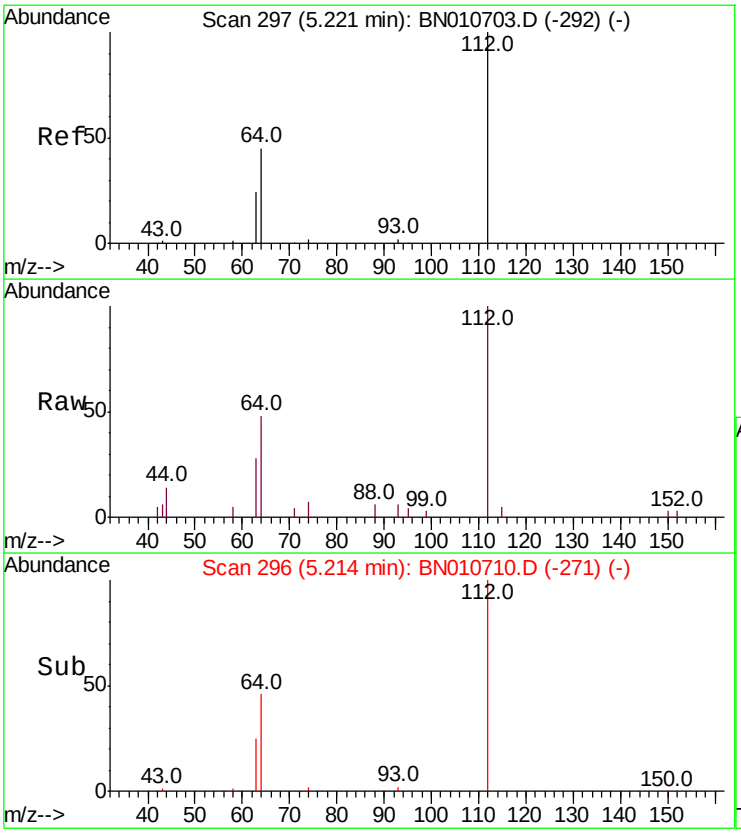
#3
n-Nitrosodimethylamine
Concen: 0.406 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 743

Ion	Ratio	Lower	Upper
42	100		
74	183.4	146.2	219.2
44	8.7	3.0	4.4#

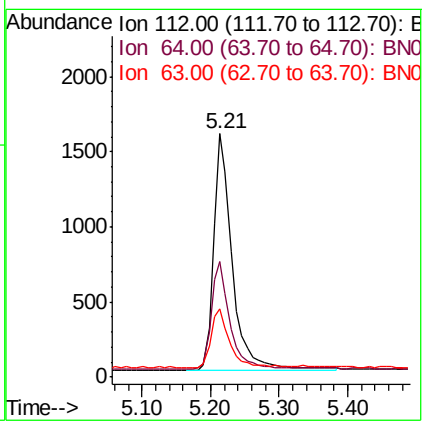


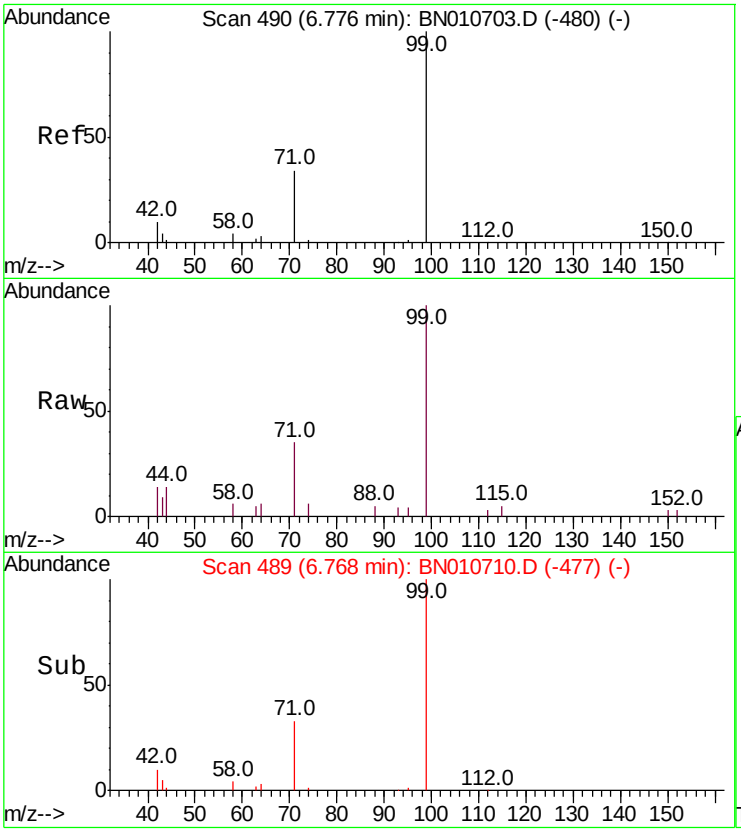


#4
2-Fluorophenol
Concen: 0.413 ng
RT: 5.21 min Scan# 296
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:112 Resp: 2984

Ion	Ratio	Lower	Upper
112	100		
64	46.5	36.2	54.4
63	25.0	19.8	29.8



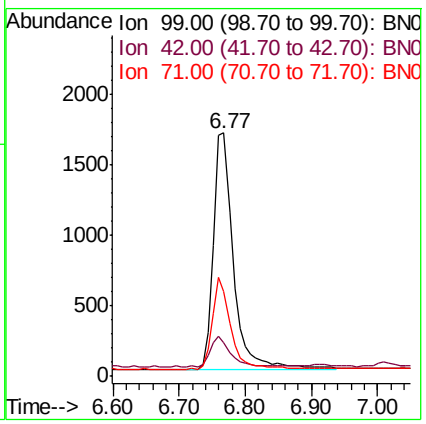


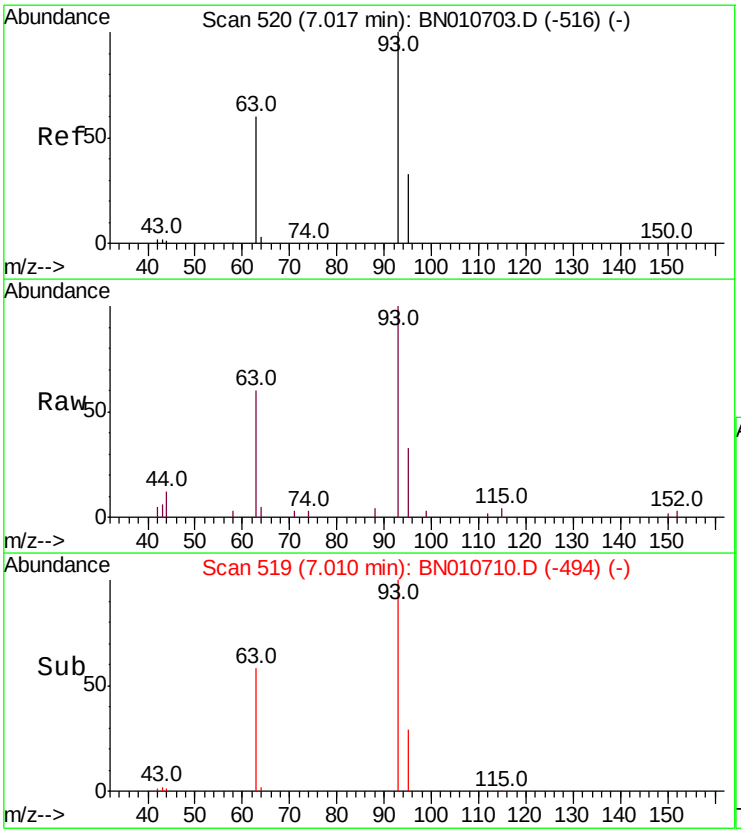
#5
Phenol-d6
Concen: 0.398 ng
RT: 6.77 min Scan# 489
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3512

Ion	Ratio	Lower	Upper
99	100		
42	13.2	9.8	14.8
71	35.8	28.6	42.8

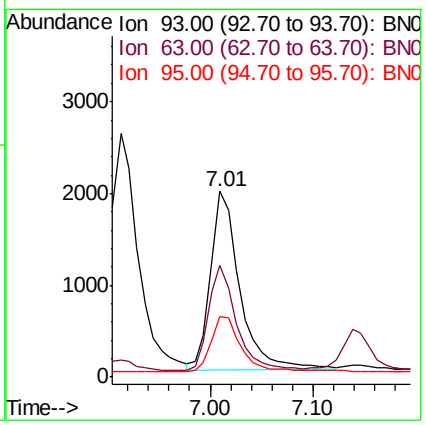


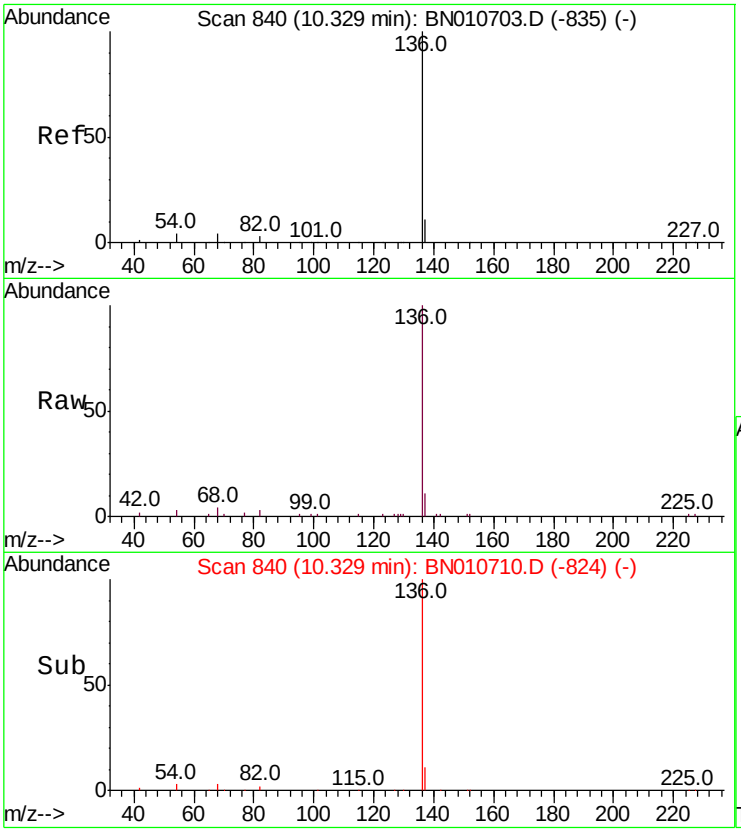


#6
bis(2-Chloroethyl)ether
Concen: 0.427 ng
RT: 7.01 min Scan# 519
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion: 93 Resp: 3877

Ion	Ratio	Lower	Upper
93	100		
63	55.8	43.1	64.7
95	31.4	24.6	37.0



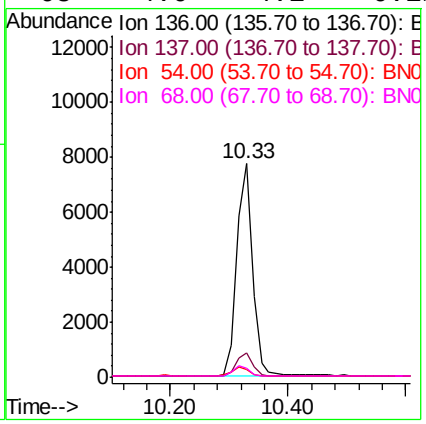


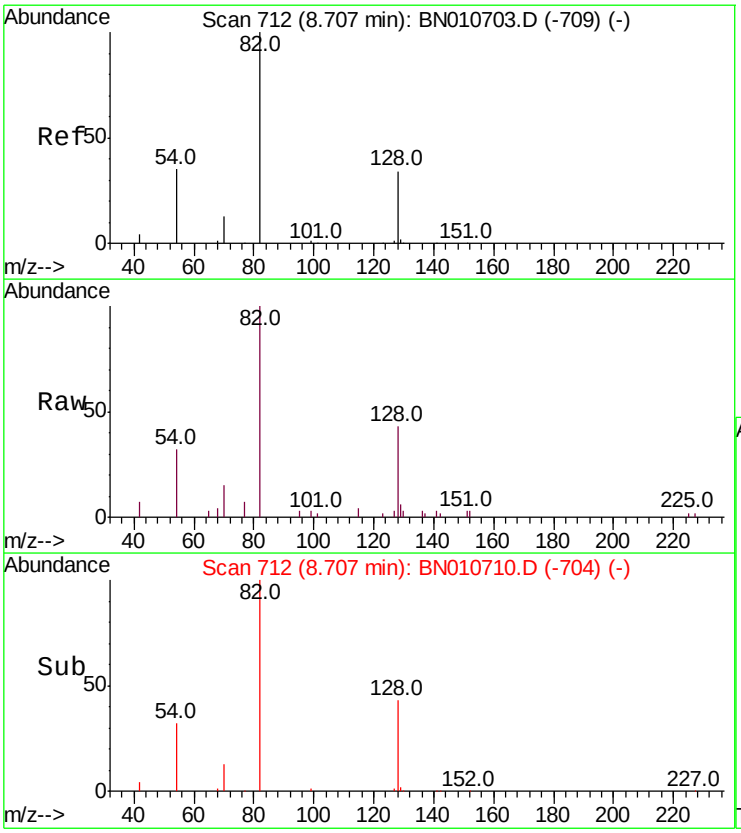
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14121

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	3.5	3.6	5.4#
68	4.0	4.1	6.1#

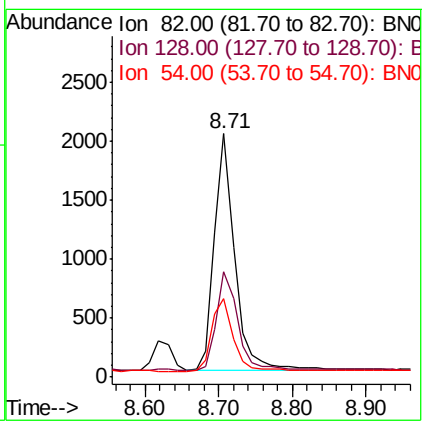


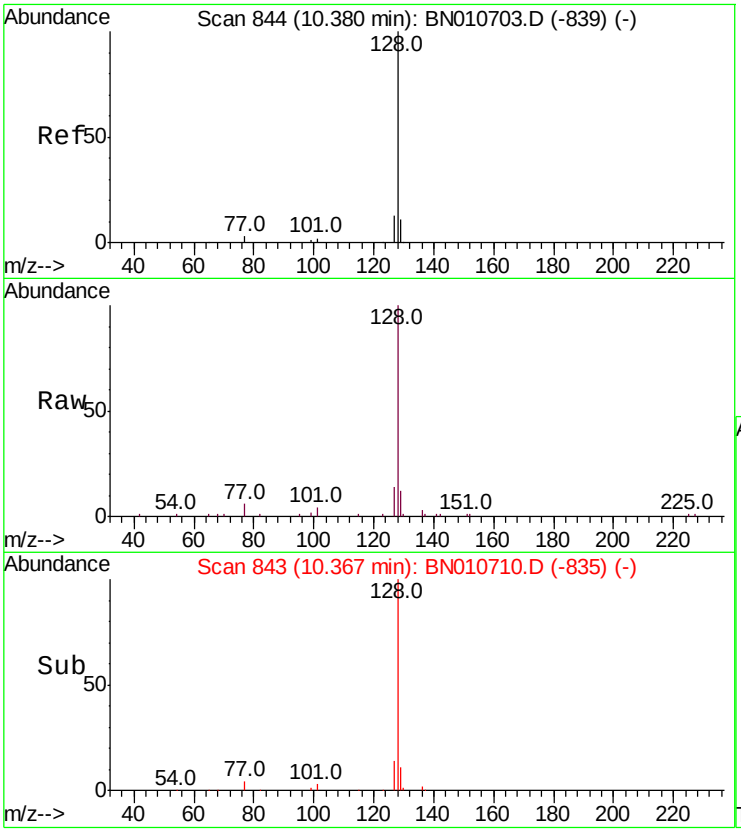


#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.71 min Scan# 712
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion: 82 Resp: 3830

Ion	Ratio	Lower	Upper
82	100		
128	43.5	29.0	43.4#
54	32.3	29.3	43.9



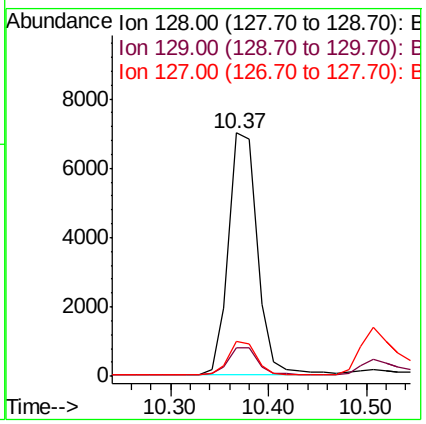


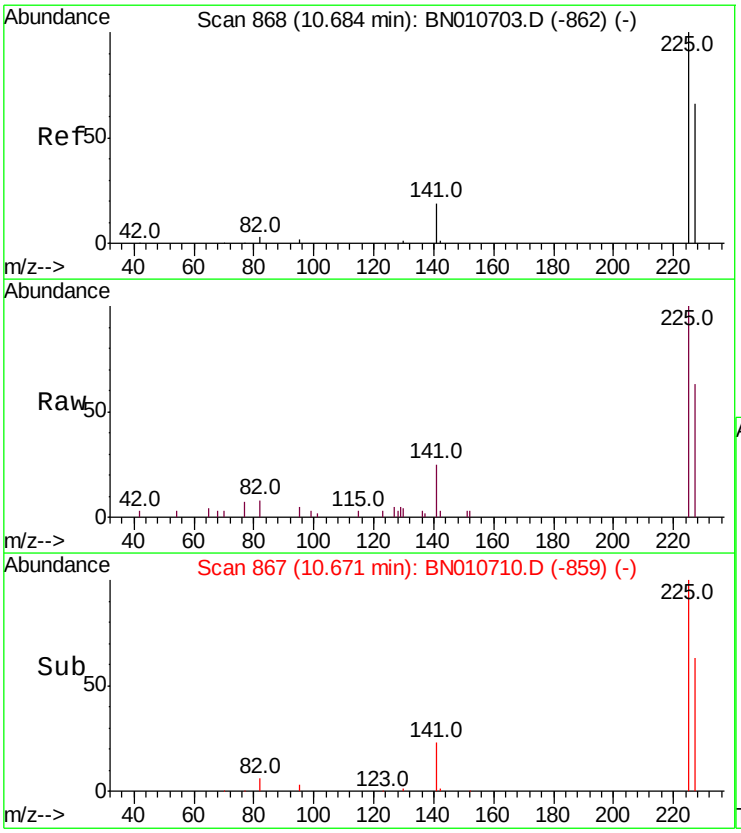
#9
Naphthalene
Concen: 0.396 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 14063

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.2	11.0	16.6

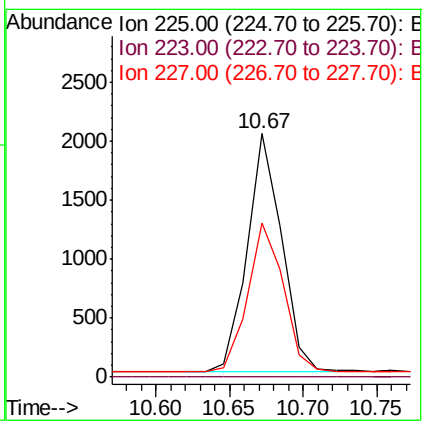


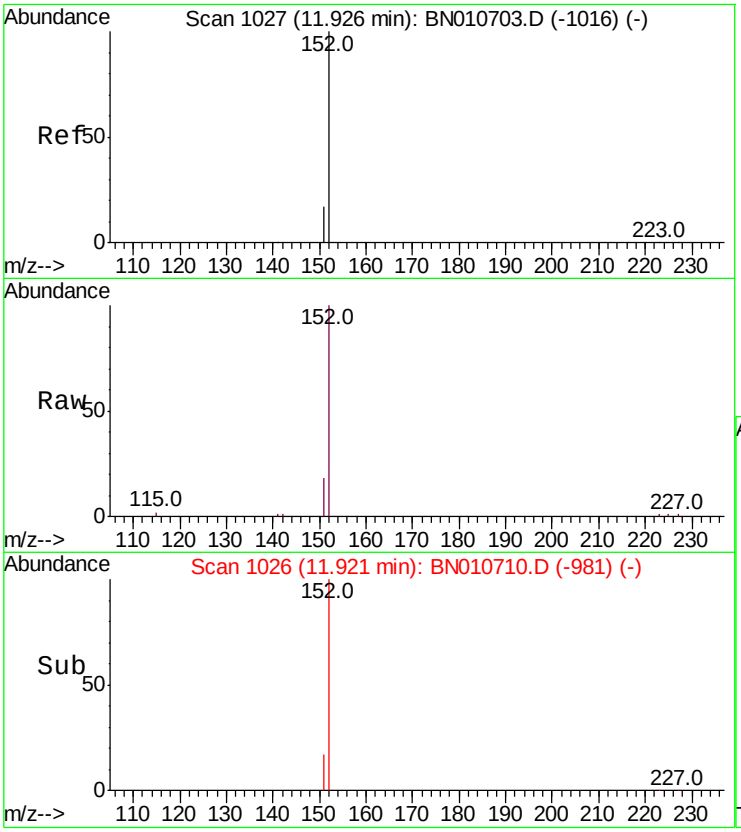


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:225 Resp: 3277

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.7	76.1



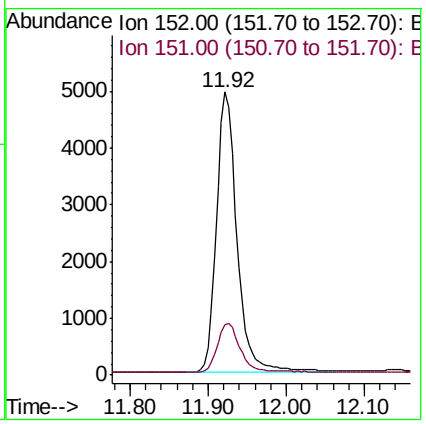


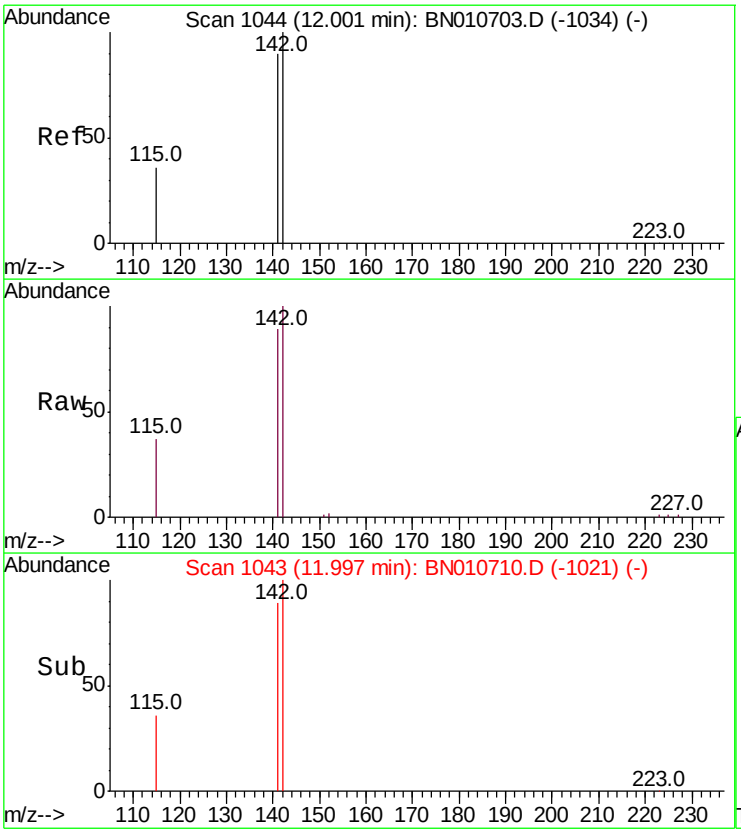
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 11.92 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9024

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6

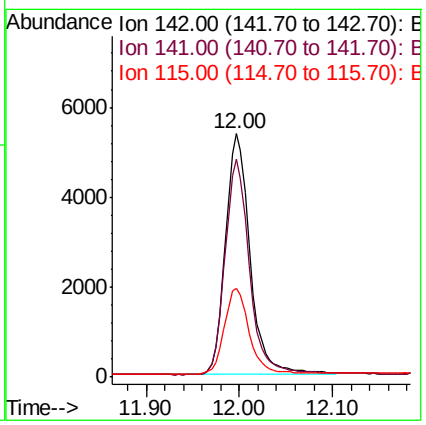


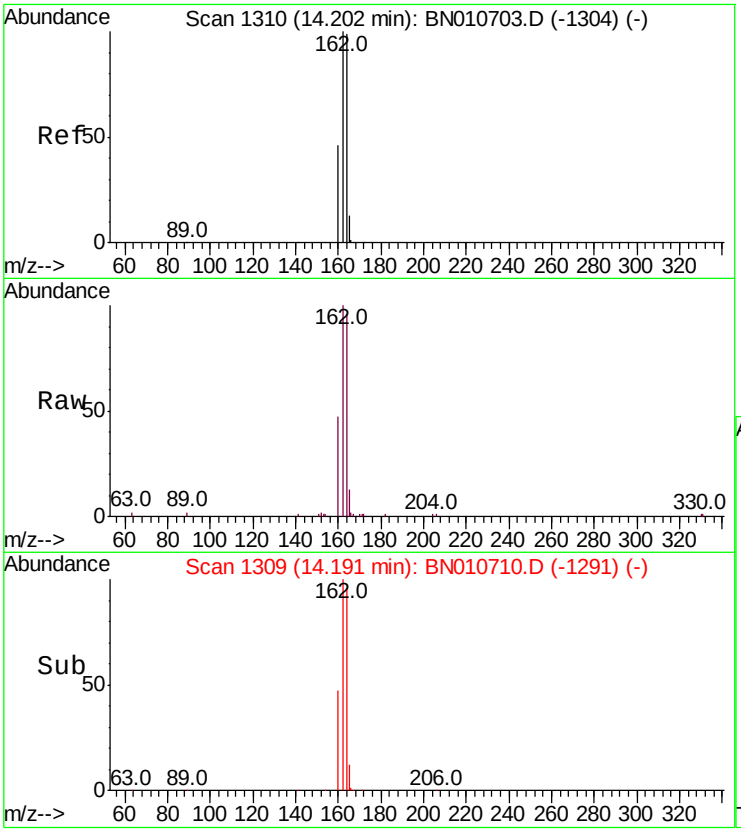


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.00 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:142 Resp: 9827

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5
115	36.6	29.8	44.6



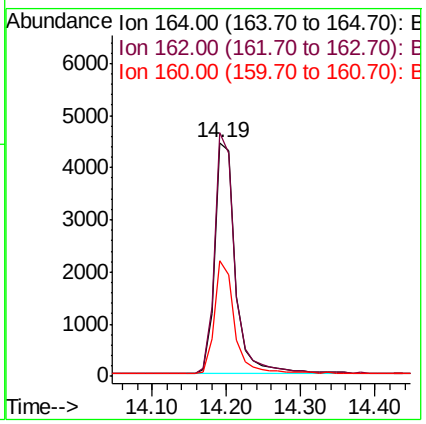


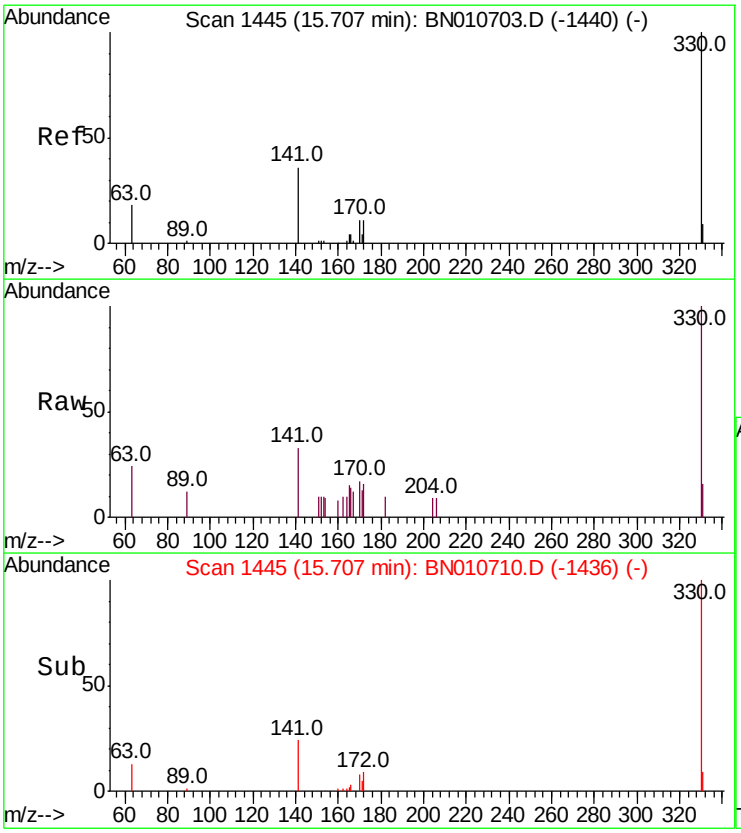
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8556

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.1	121.7
160	49.4	37.9	56.9

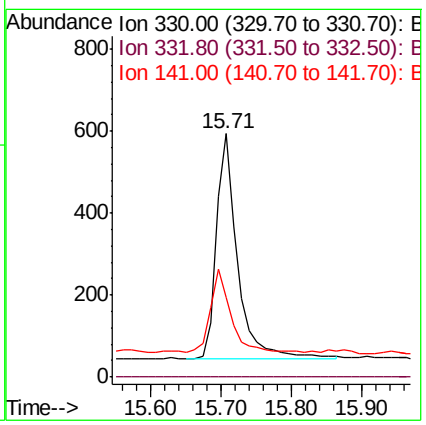


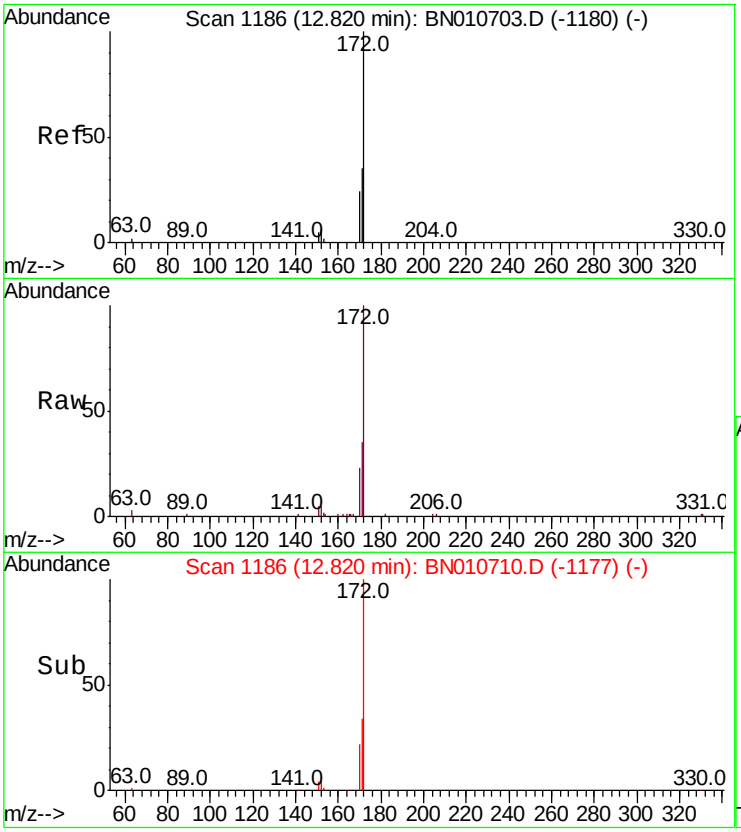


#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:330 Resp: 1145

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.9	28.8	43.2



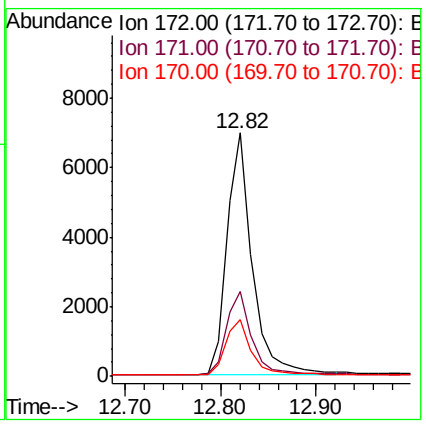


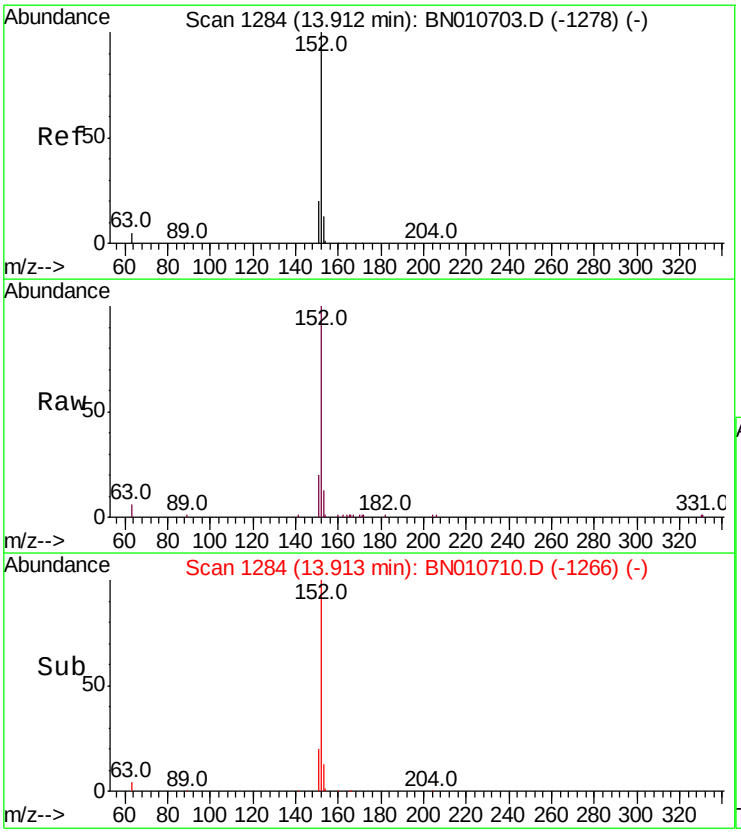
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 12784

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	23.1	19.8	29.8

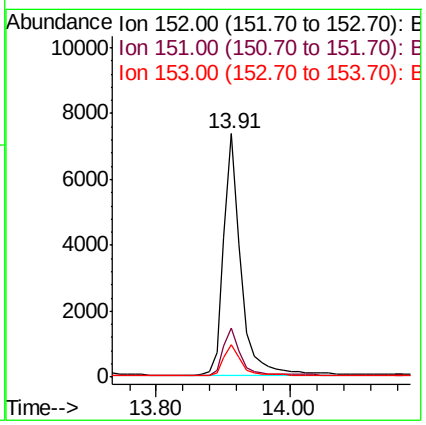


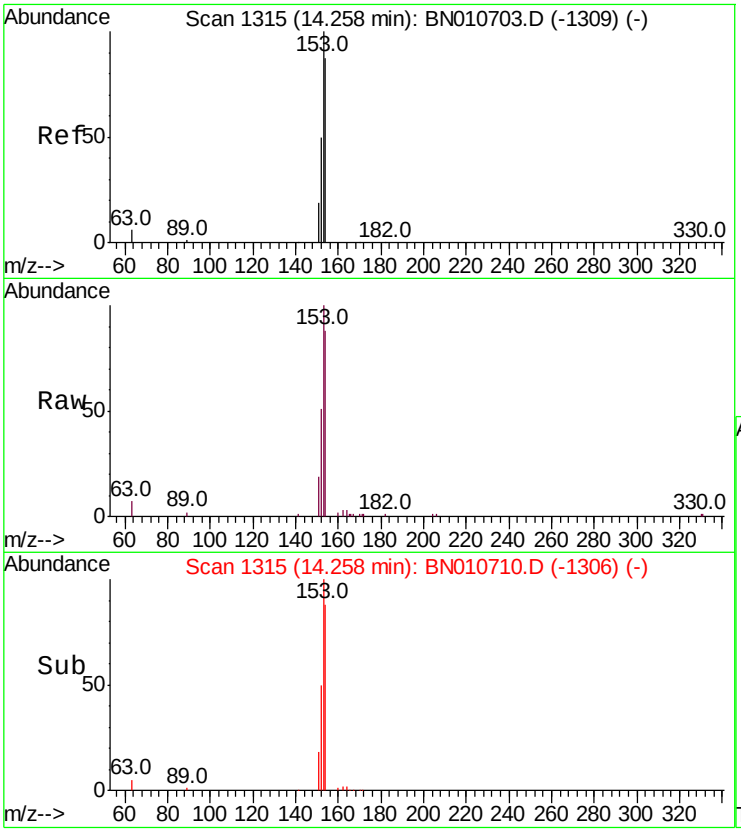


#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:152 Resp: 13211

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.0	10.4	15.6



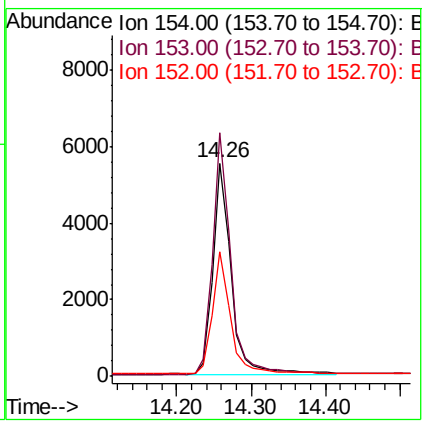


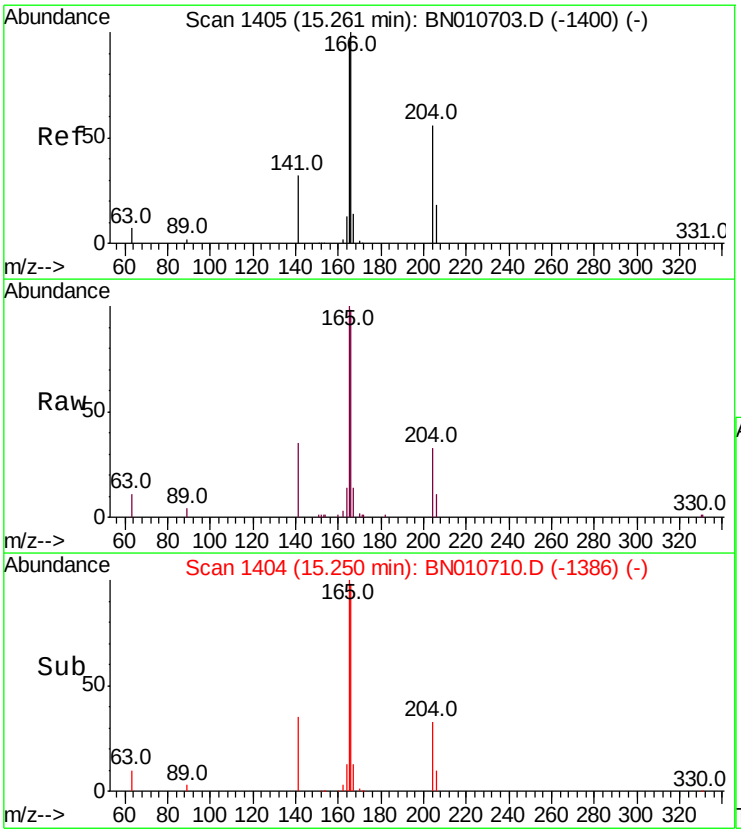
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.26 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 9408

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.5	137.3
152	56.6	45.6	68.4

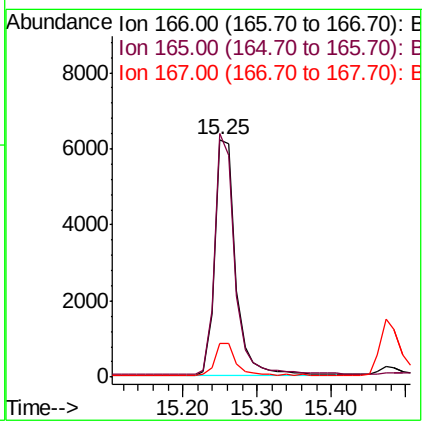


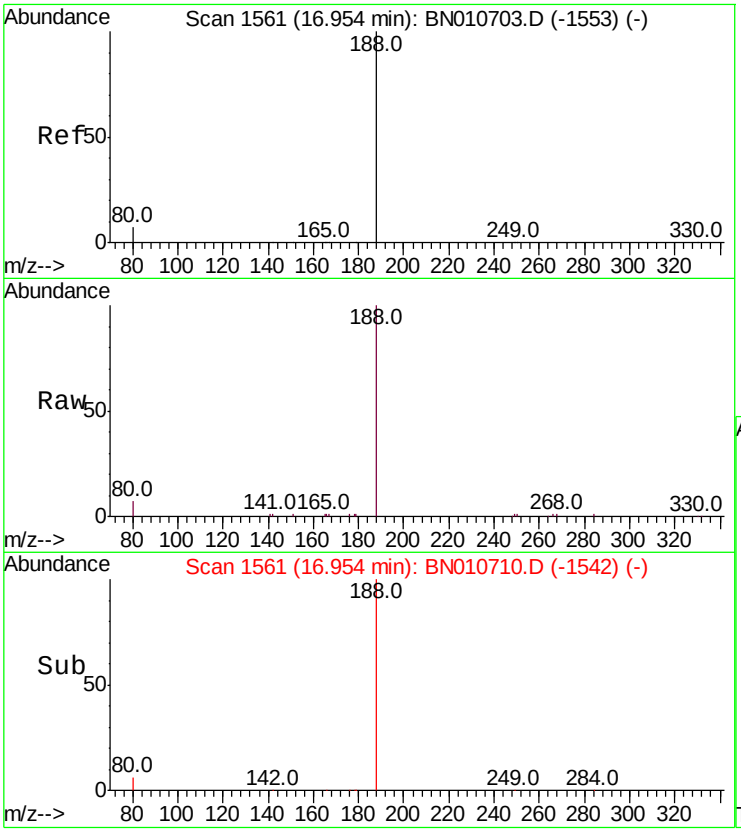


#18
Fluorene
Concen: 0.389 ng
RT: 15.25 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:166 Resp: 12033

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.9	116.9
167	13.4	11.0	16.4



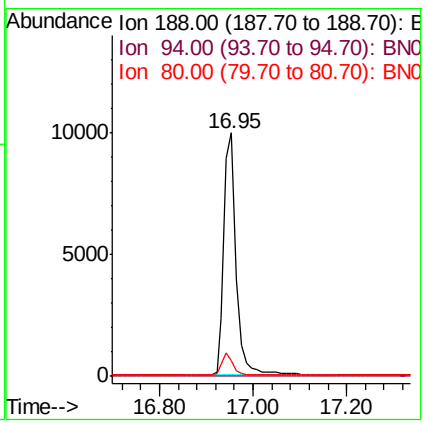


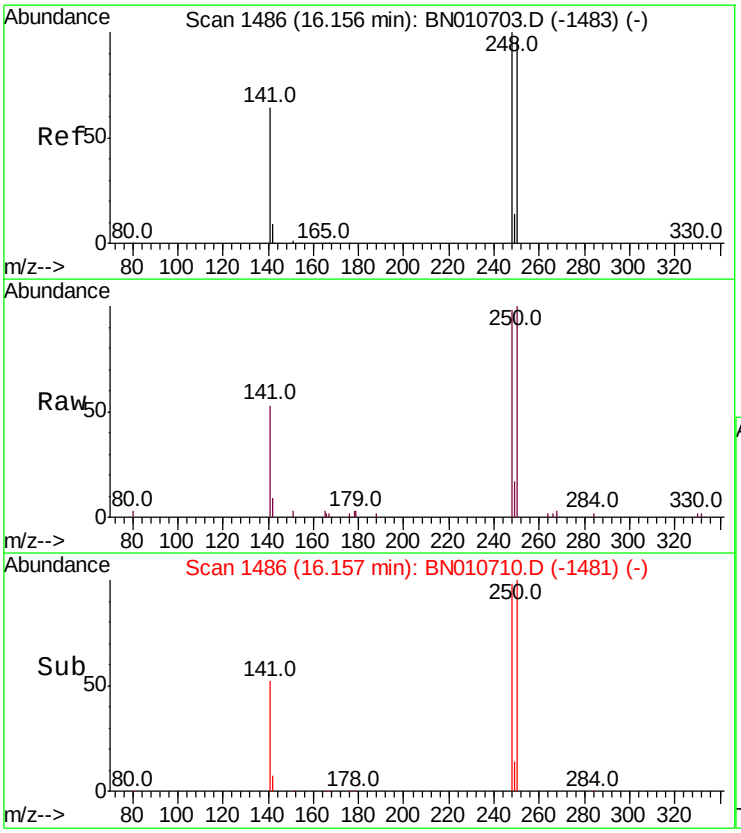
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 18160

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	6.3	9.5

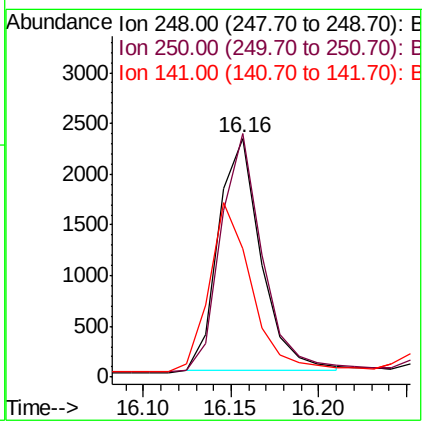


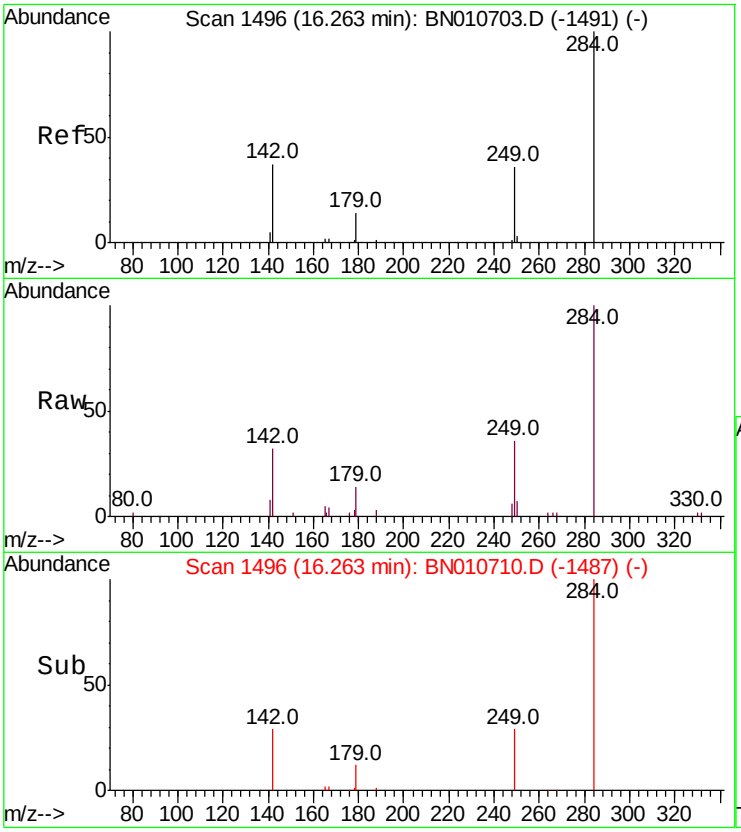


#20
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.16 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:248 Resp: 3863

Ion	Ratio	Lower	Upper
248	100		
250	101.9	77.4	116.0
141	54.0	53.1	79.7



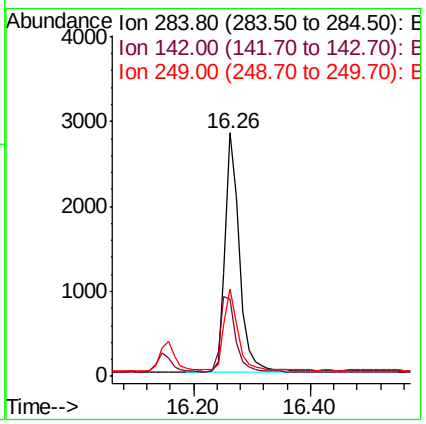


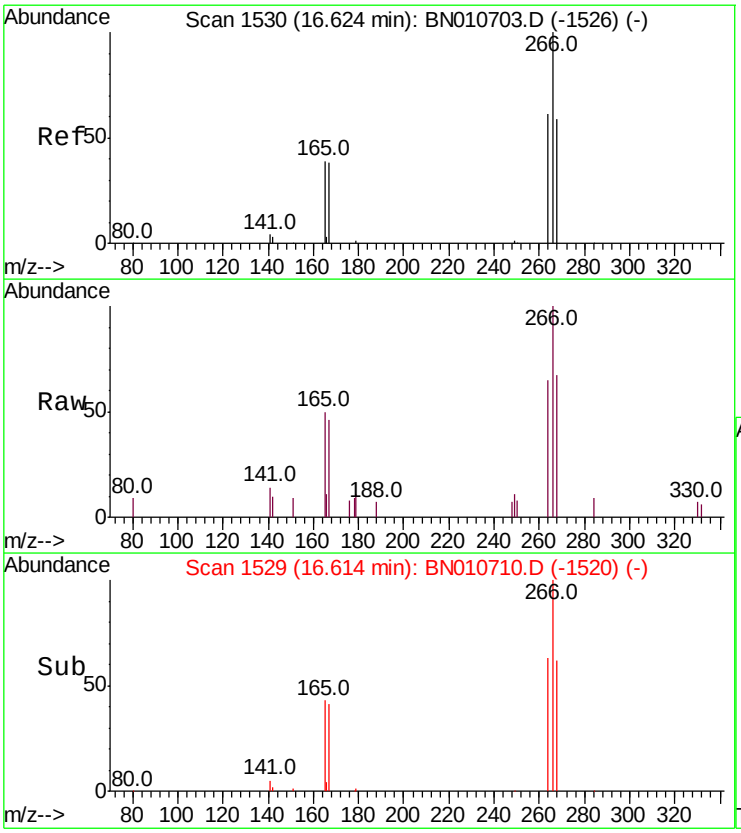
#21
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.26 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4762

Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.2	42.2
249	32.4	26.4	39.6

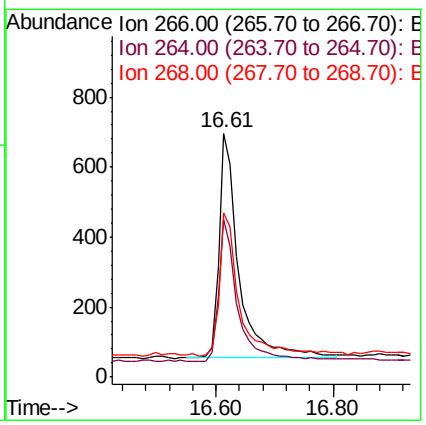


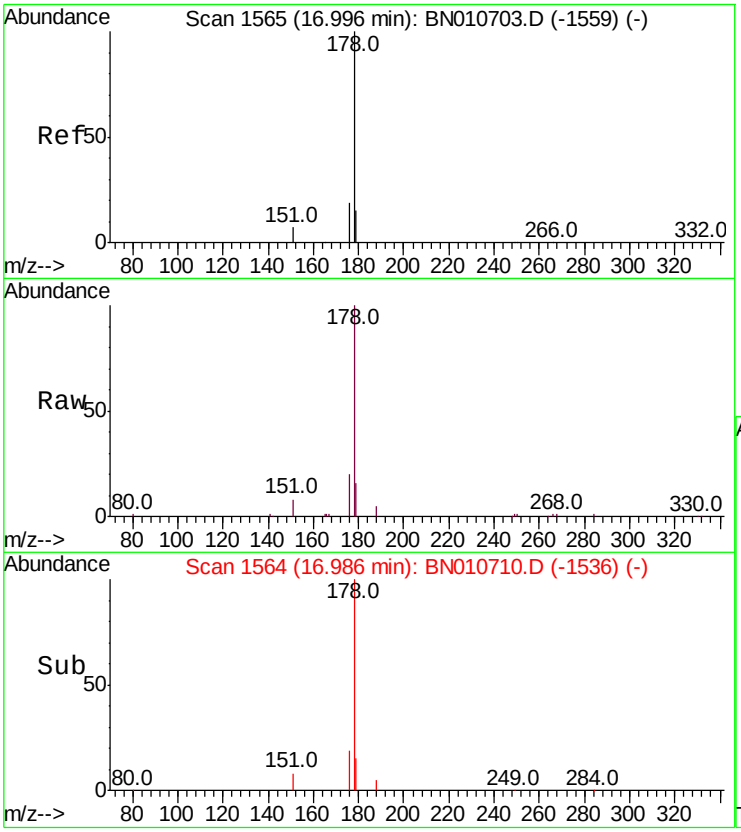


#22
Pentachlorophenol
Concen: 0.407 ng
RT: 16.61 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:266 Resp: 1503

Ion	Ratio	Lower	Upper
266	100		
264	64.9	51.1	76.7
268	67.2	52.1	78.1



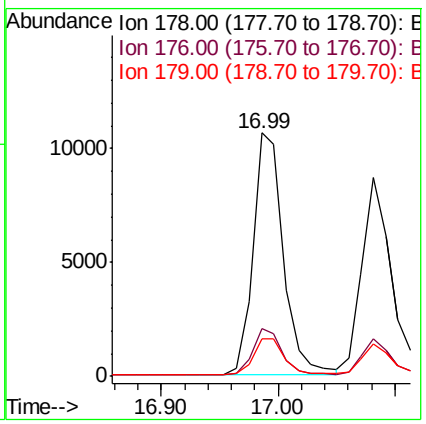


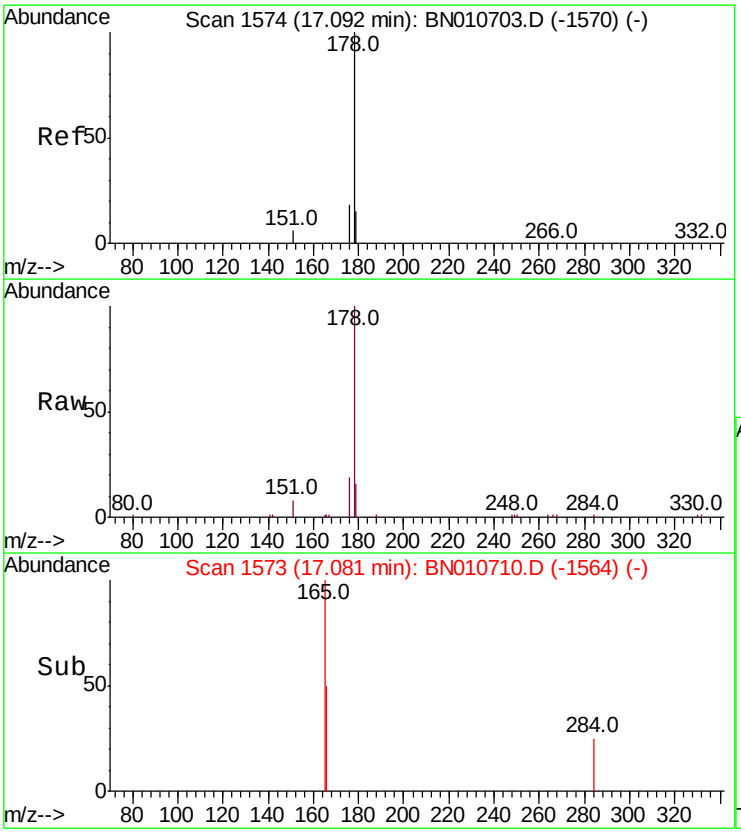
#23
Phenanthrene
Concen: 0.393 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 19133

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.5	12.2	18.4

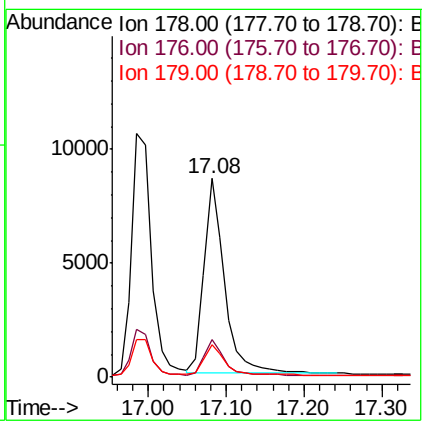


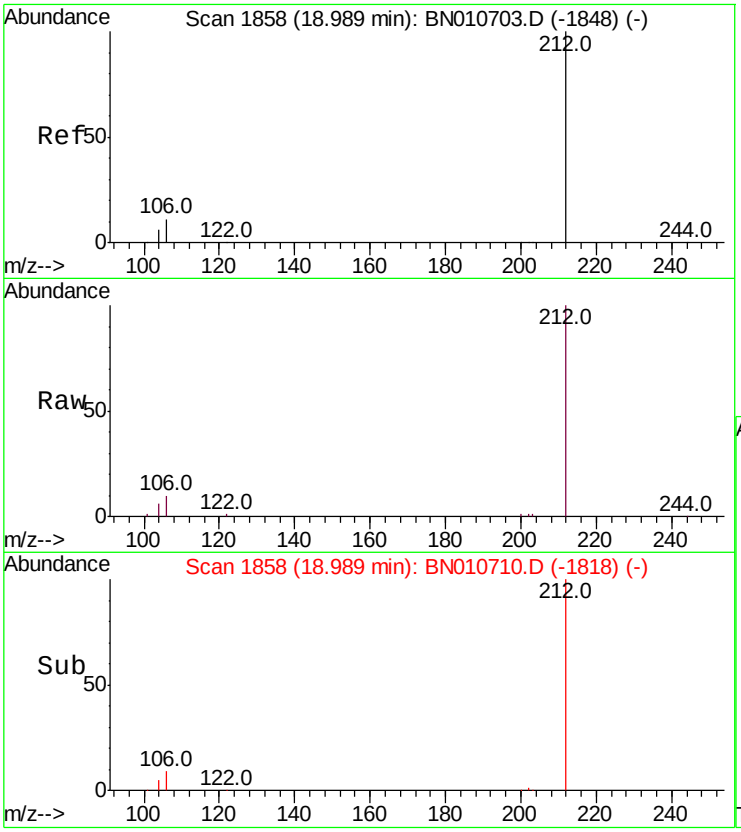


#24
Anthracene
Concen: 0.381 ng
RT: 17.08 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:178 Resp: 15615

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.2	12.3	18.5



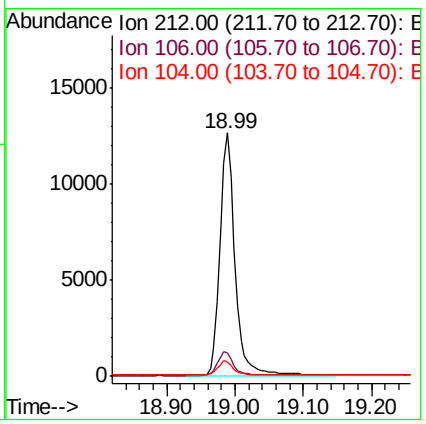


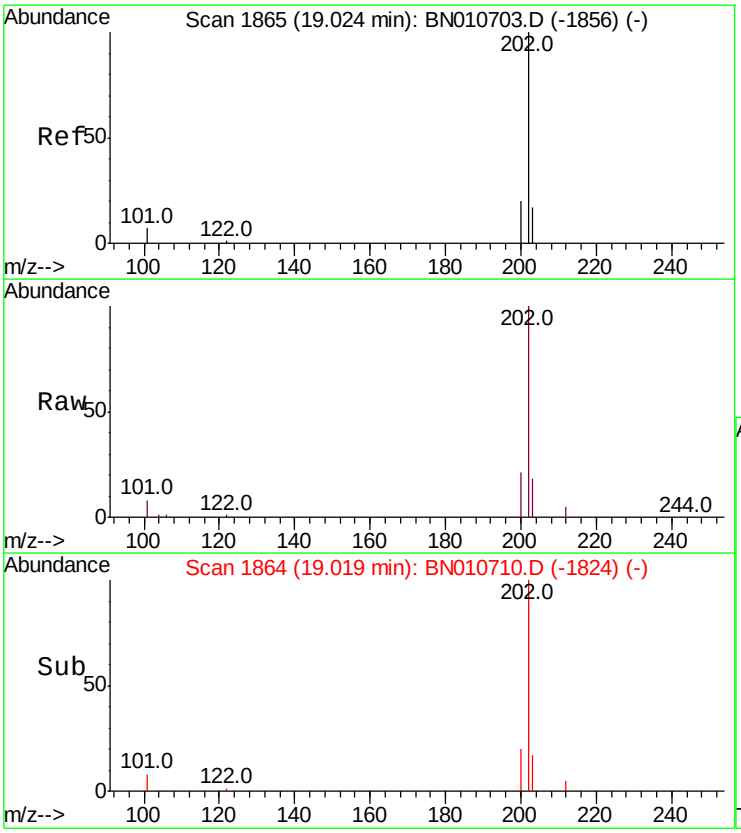
#25
Fluoranthene-d10
Concen: 0.391 ng
RT: 18.99 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 19263

Ion	Ratio	Lower	Upper
212	100		
106	10.1	8.2	12.2
104	5.6	4.7	7.1

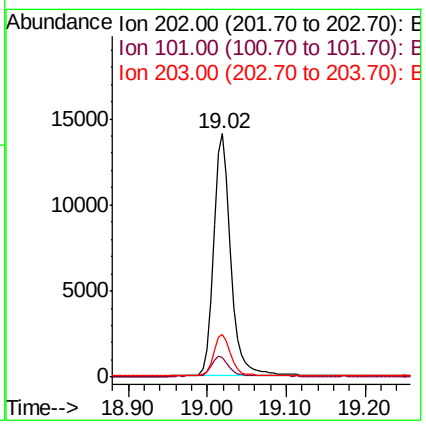


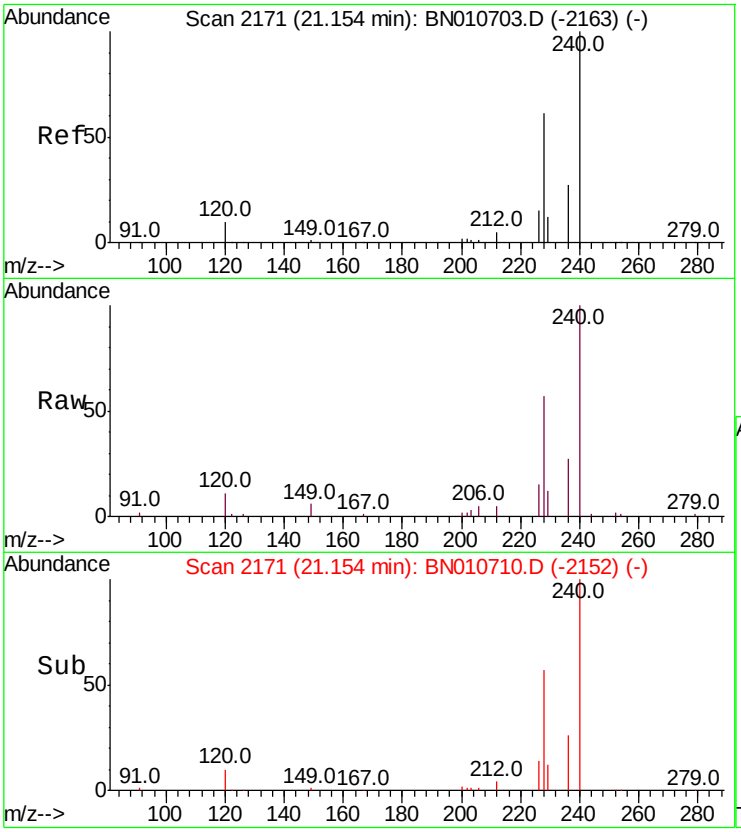


#26
Fluoranthene
Concen: 0.391 ng
RT: 19.02 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:202 Resp: 21622

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.7	10.1
203	17.1	13.4	20.0



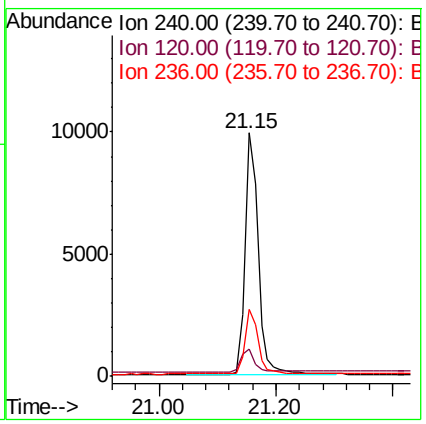


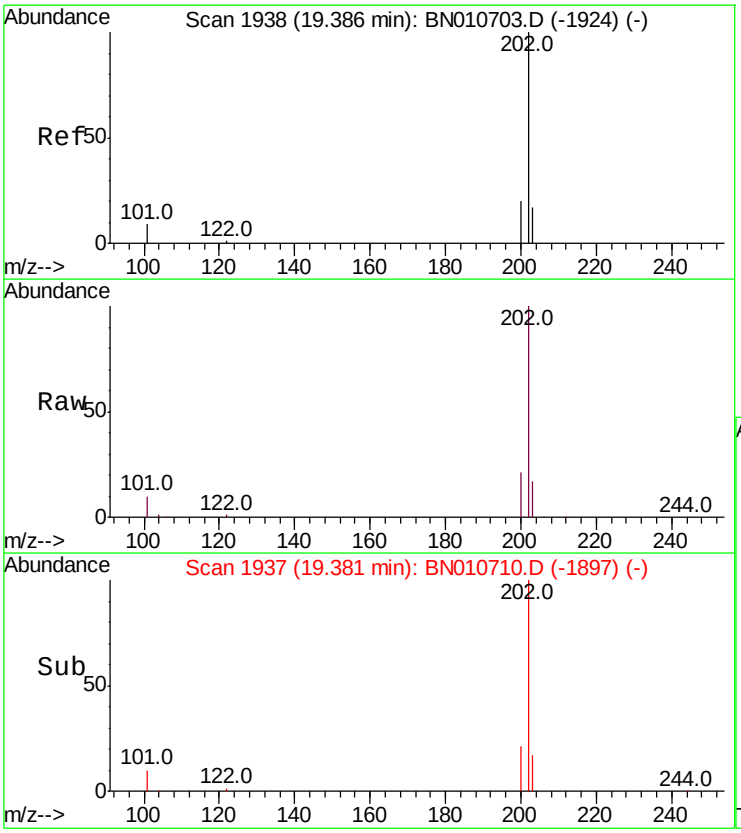
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15505

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	27.3	22.5	33.7

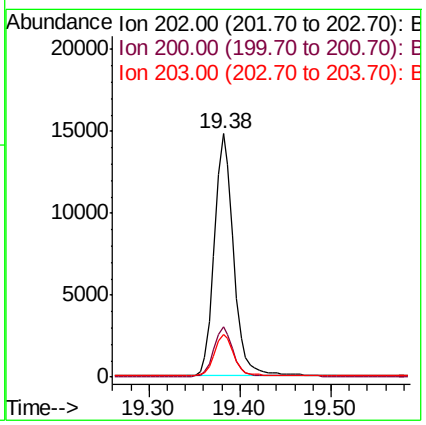


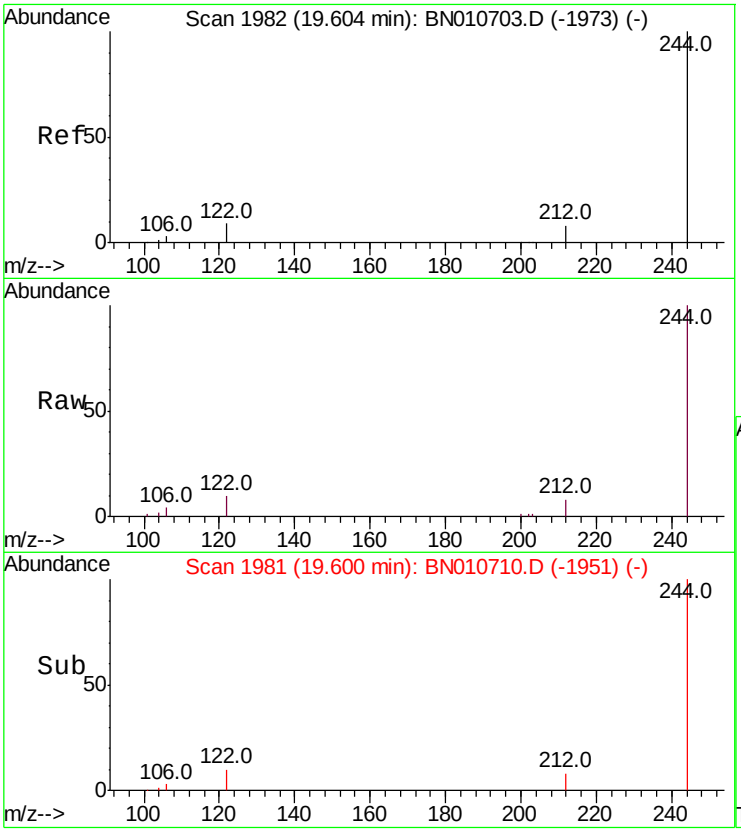


#28
Pyrene
Concen: 0.387 ng
RT: 19.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:202 Resp: 21497

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	17.5	14.1	21.1



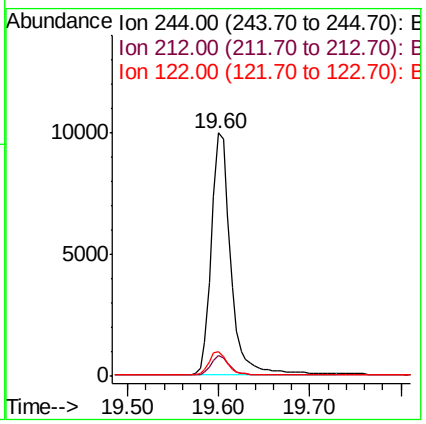


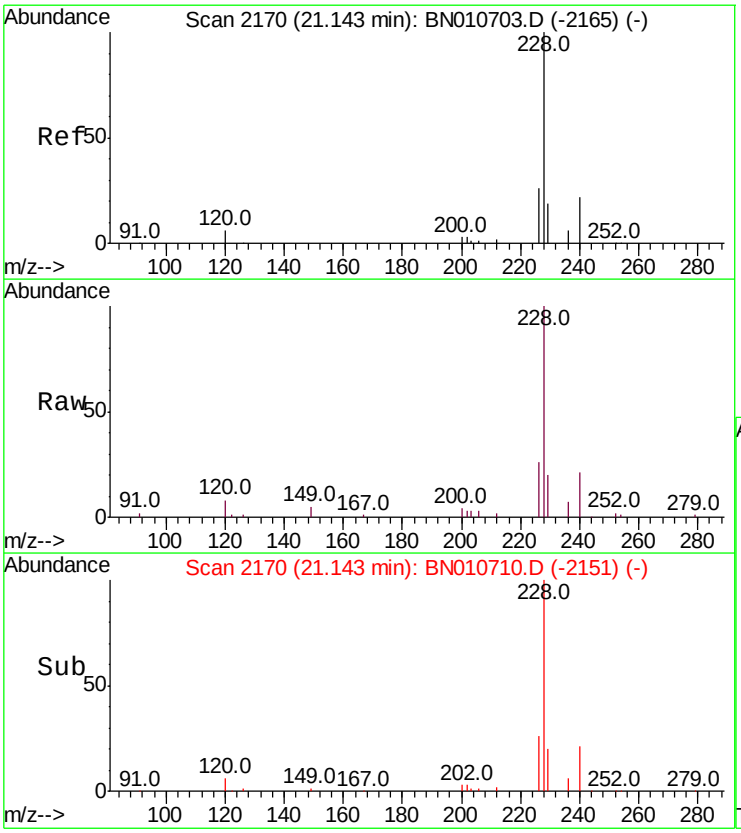
#29
Terphenyl-d14
Concen: 0.400 ng
RT: 19.60 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 14705

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.8	10.2
122	10.4	8.1	12.1

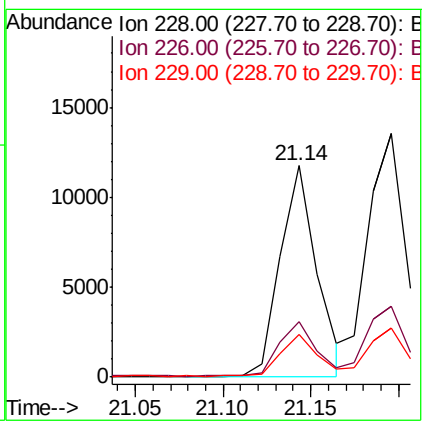


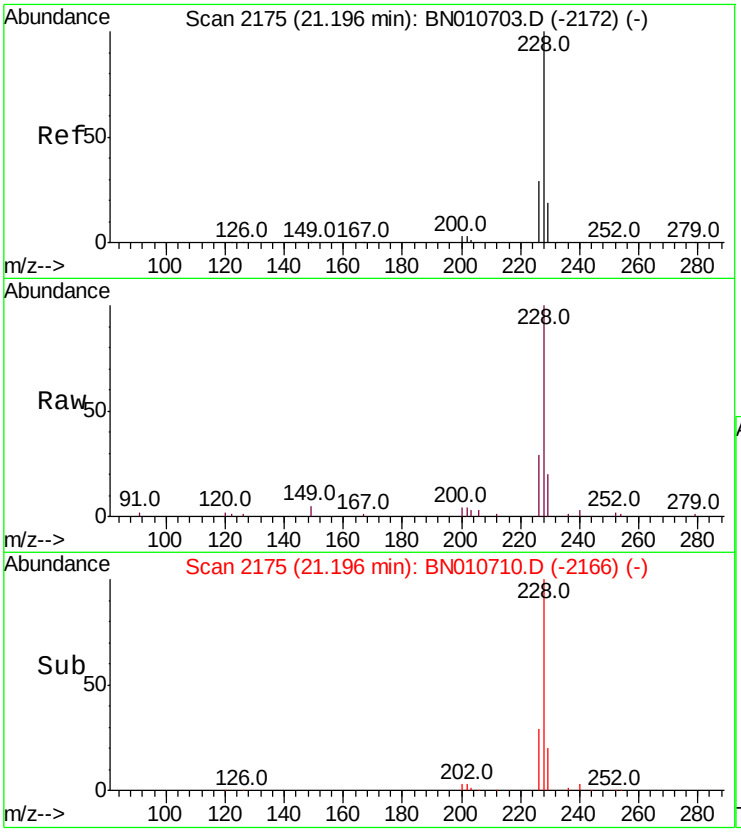


#30
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.14 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:228 Resp: 16881

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	20.0	16.0	24.0



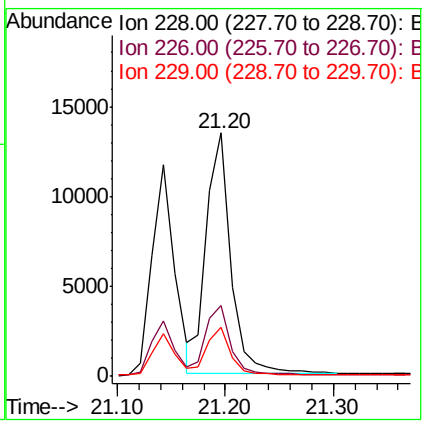


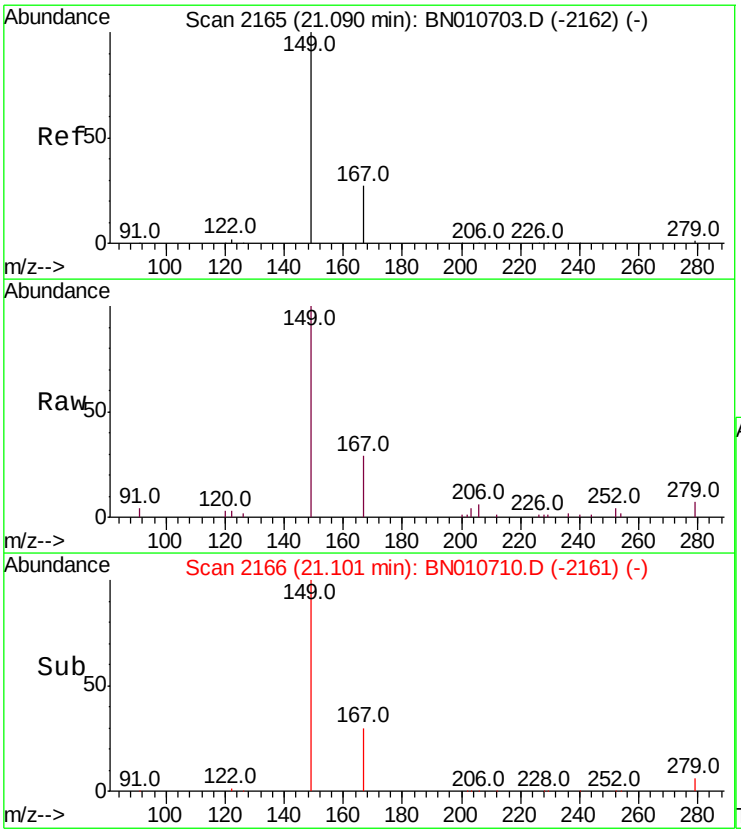
#31
Chrysene
Concen: 0.408 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 20892

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.0
229	19.9	16.1	24.1

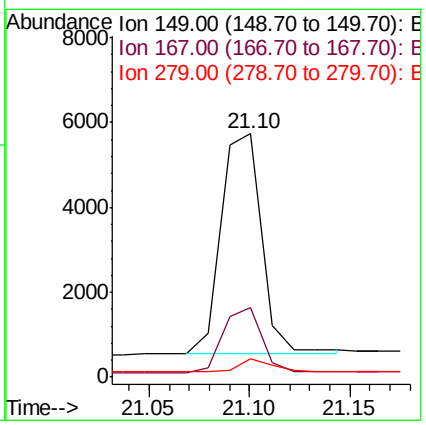


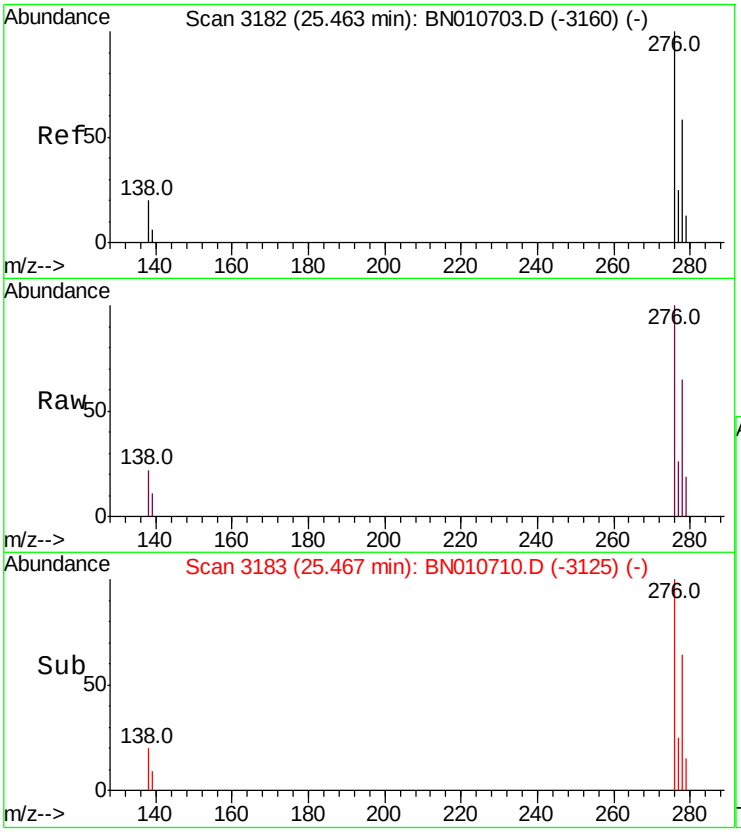


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.371 ng
RT: 21.10 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:149 Resp: 7339

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.5	33.7
279	4.8	4.1	6.1



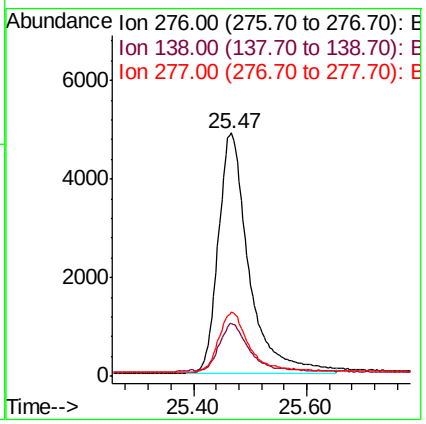


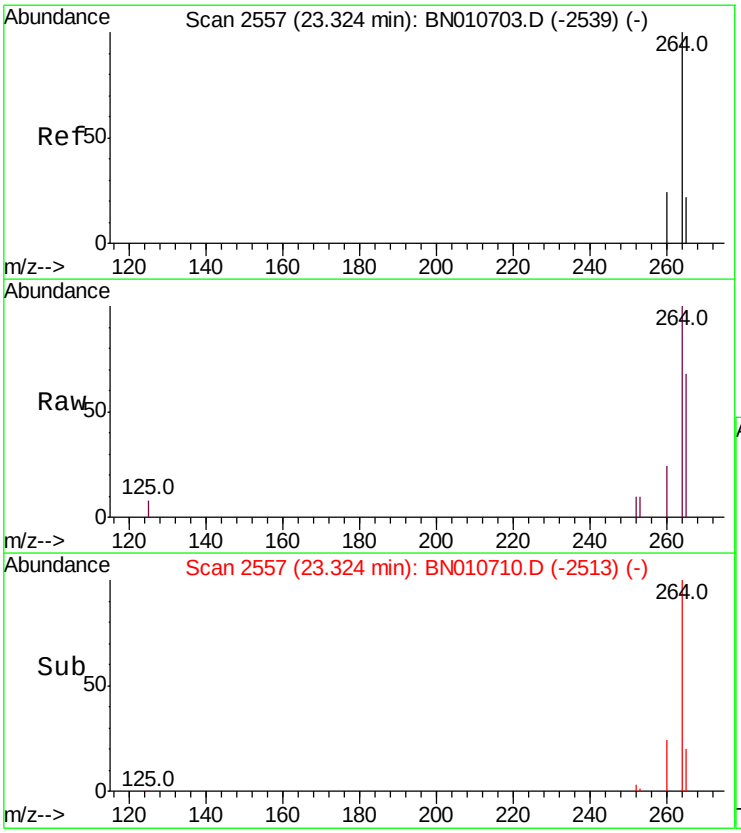
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng
RT: 25.47 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 18297

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.1	22.7
277	24.9	19.4	29.0

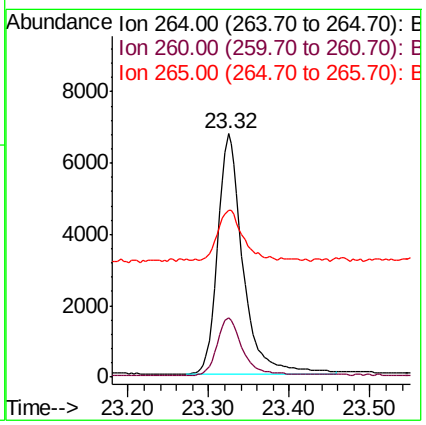


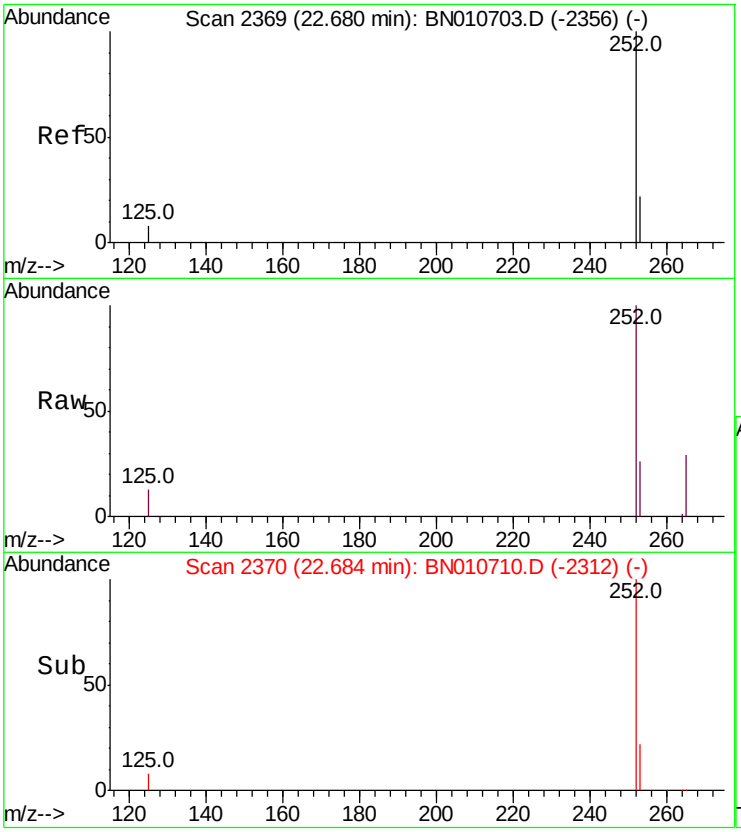


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:264 Resp: 14586

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	68.4	70.1	105.1#



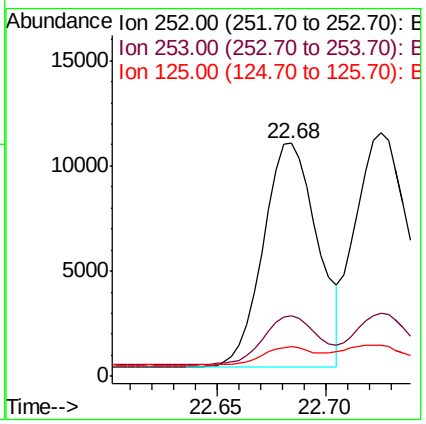


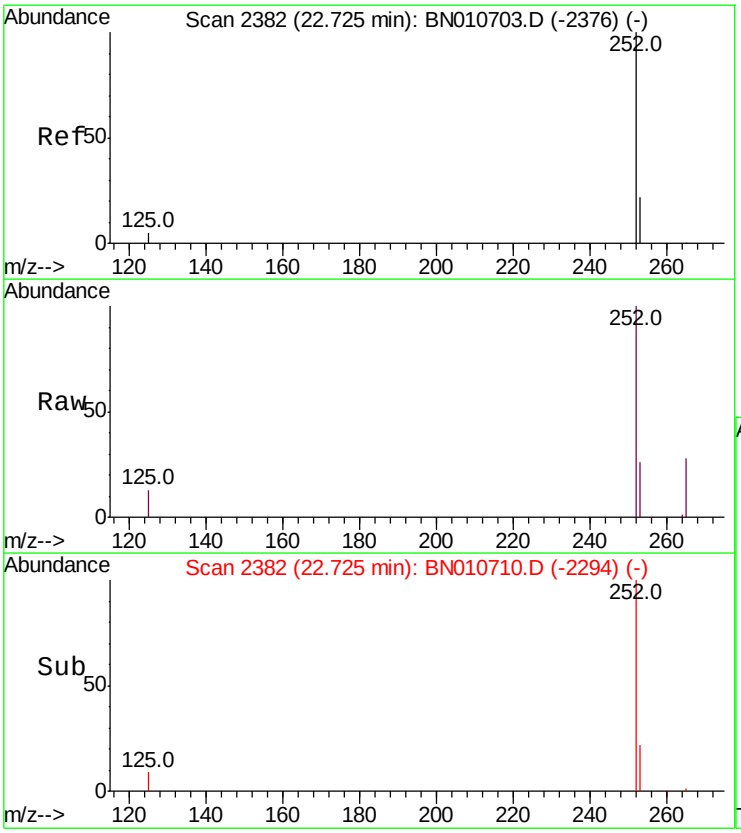
#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.68 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 18413

Ion	Ratio	Lower	Upper
252	100		
253	25.9	22.0	33.0
125	12.6	10.8	16.2

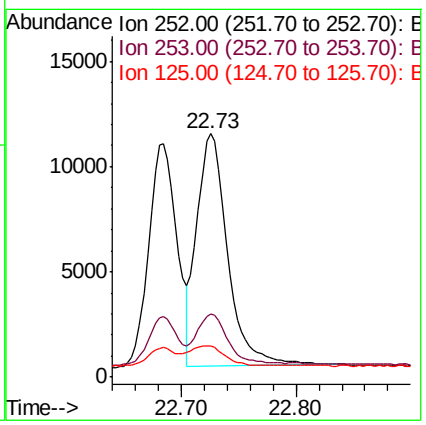


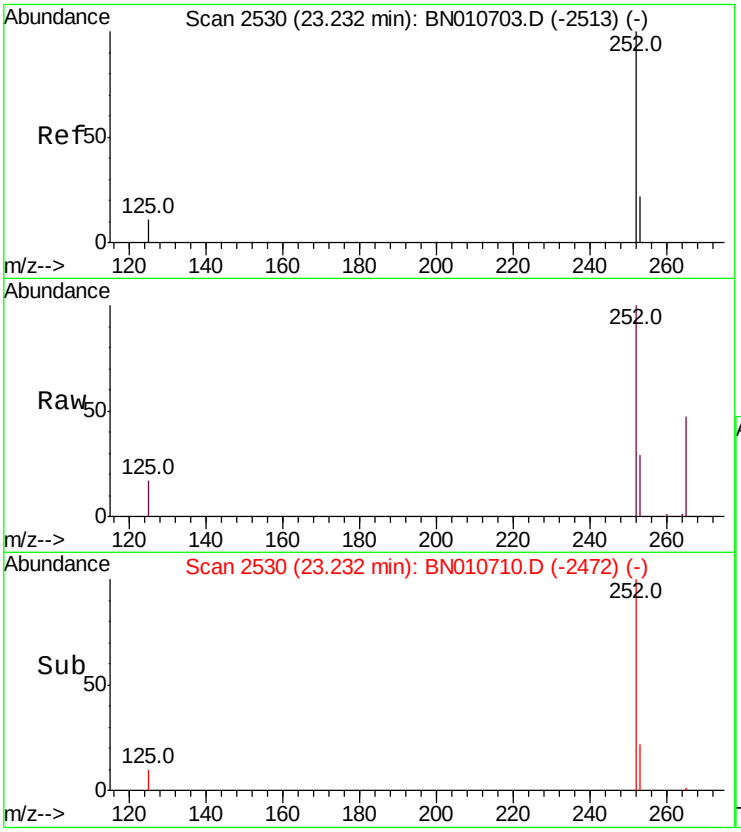


#36
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.73 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:252 Resp: 20590

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.9	32.9
125	12.7	11.1	16.7



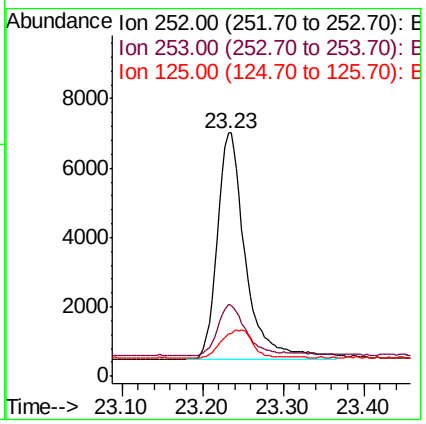


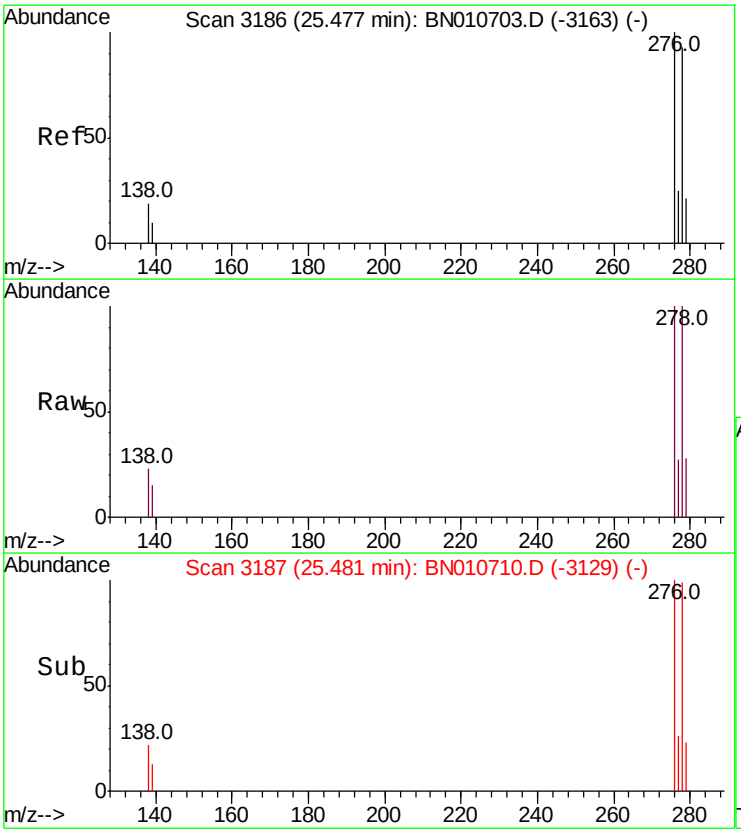
#37
Benzo(a)pyrene
Concen: 0.385 ng
RT: 23.23 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16060

Ion	Ratio	Lower	Upper
252	100		
253	29.4	24.8	37.2
125	17.3	15.8	23.6

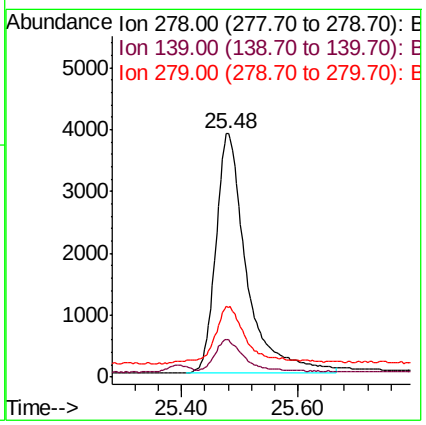


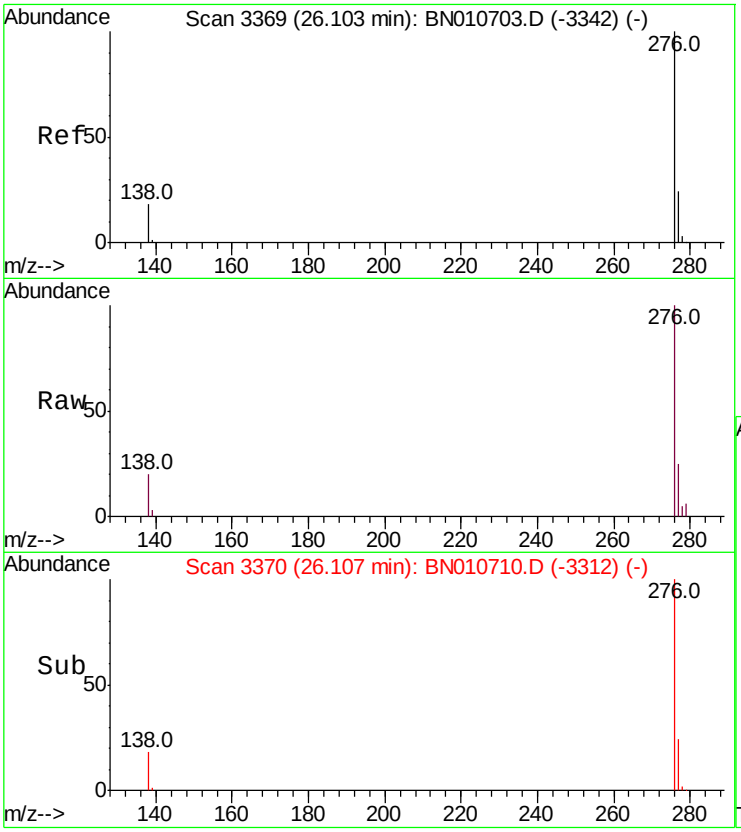


#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 25.48 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Tgt Ion:278 Resp: 14129

Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.0	19.4
279	28.5	25.1	37.7





#39
Benzo(g,h,i)perylene
Concen: 0.386 ng
RT: 26.11 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BN010710.D
Acq: 14 May 2020 12:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 16133

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.6	30.8
138	19.9	16.0	24.0