Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
Data File : BN010700.D
Acq On : 13 May 2020 09:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: May 13 13:24:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3370	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	13019	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	7760	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	15916	0.40	ng		0.00
27) Chrysene-d12	21.15	240	13878	0.40	ng		0.00
34) Perylene-d12	23.32	264	12224	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2796	0.38	ng		0.00
5) Phenol-d6	6.77	99	3469	0.36	ng		0.00
8) Nitrobenzene-d5	8.71	82	3910	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	11.92	152	8478	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1048	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.82	172	13179	0.47	ng		0.00
25) Fluoranthene-d10	18.99	212	17535	0.36	ng		0.00
29) Terphenyl-d14	19.60	244	15517	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1298	0.52	ng		99
3) n-Nitrosodimethylamine	3.56	42	711	0.44	ng	#	1
6) bis(2-Chloroethyl)ether	7.01	93	3776	0.45	ng		99
9) Naphthalene	10.37	128	14082	0.44	ng		99
10) Hexachlorobutadiene	10.67	225	3165	0.41	ng	#	100
12) 2-Methylnaphthalene	12.00	142	9967	0.43	ng		99
16) Acenaphthylene	13.91	152	13250	0.40	ng		100
17) Acenaphthene	14.26	154	9311	0.43	ng		99
18) Fluorene	15.26	166	11697	0.41	ng		99
20) 4-Bromophenyl-phenylether	16.16	248	3596	0.41	ng		97
21) Hexachlorobenzene	16.26	284	4602	0.46	ng		98
22) Pentachlorophenol	16.62	266	1517	0.38	ng		99
23) Phenanthrene	17.00	178	18633	0.43	ng		100
24) Anthracene	17.08	178	15262	0.39	ng		100
26) Fluoranthene	19.02	202	20856	0.39	ng		99
28) Pyrene	19.38	202	20833	0.45	ng		99
30) Benzo(a)anthracene	21.14	228	16827	0.37	ng		99
31) Chrysene	21.20	228	19507	0.43	ng		100
32) Bis(2-ethylhexyl)phthalate	21.10	149	7341	0.32	ng		98
33) Indeno(1,2,3-cd)pyrene	25.47	276	14935	0.37	ng		99
35) Benzo(b)fluoranthene	22.68	252	16925	0.42	ng		98
36) Benzo(k)fluoranthene	22.72	252	18730	0.46	ng		99
37) Benzo(a)pyrene	23.23	252	14725	0.41	ng		97
38) Dibenzo(a,h)anthracene	25.48	278	11462	0.35	ng		99
39) Benzo(g,h,i)perylene	26.11	276	14171	0.43	ng		99

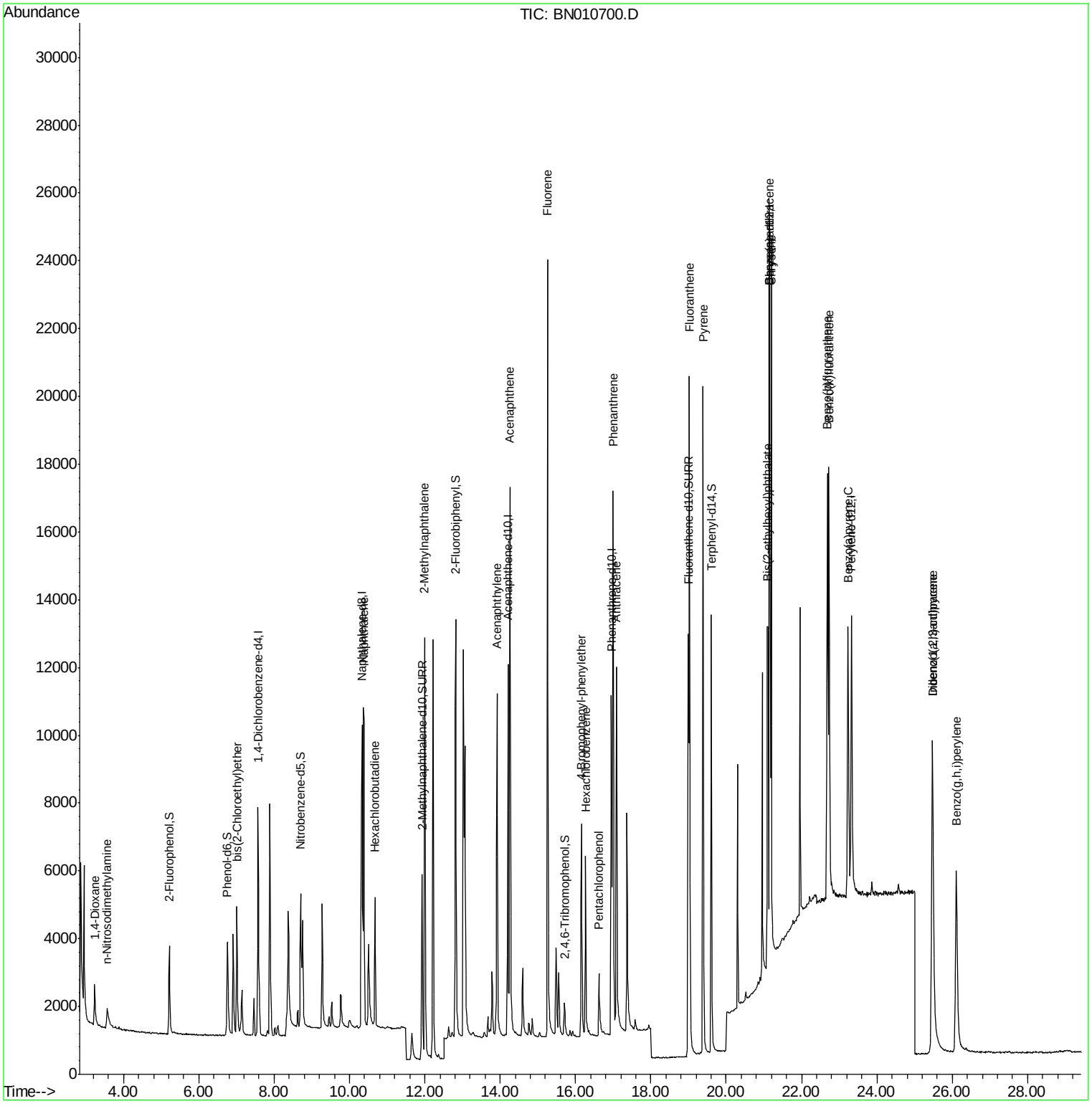
(#) = qualifier out of range (m) = manual integration (+) = signals summed

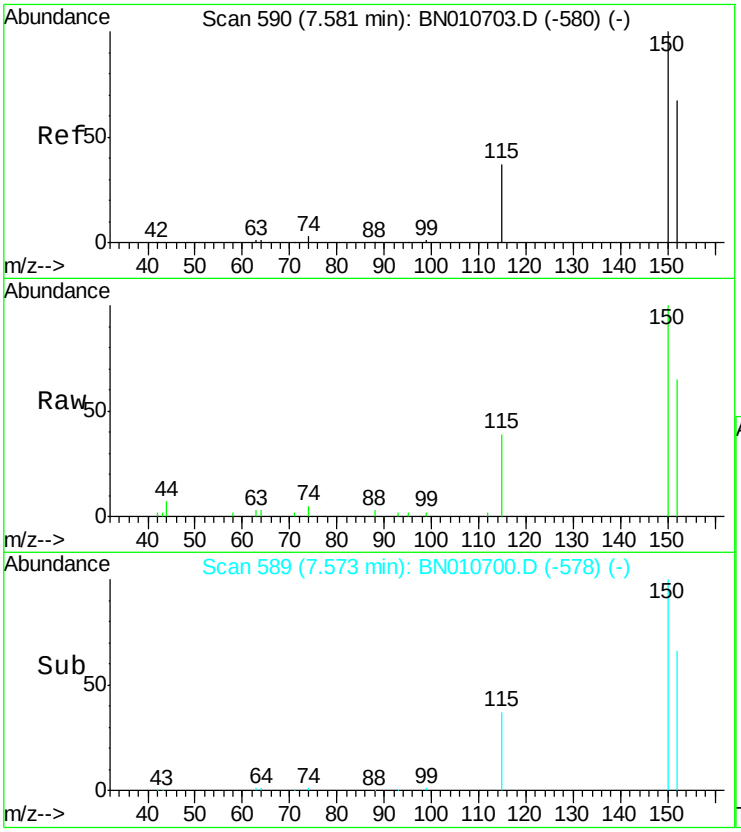
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
Data File : BN010700.D
Acq On : 13 May 2020 09:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 13 13:24:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration



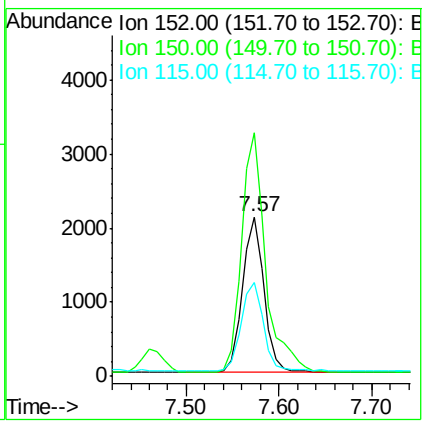


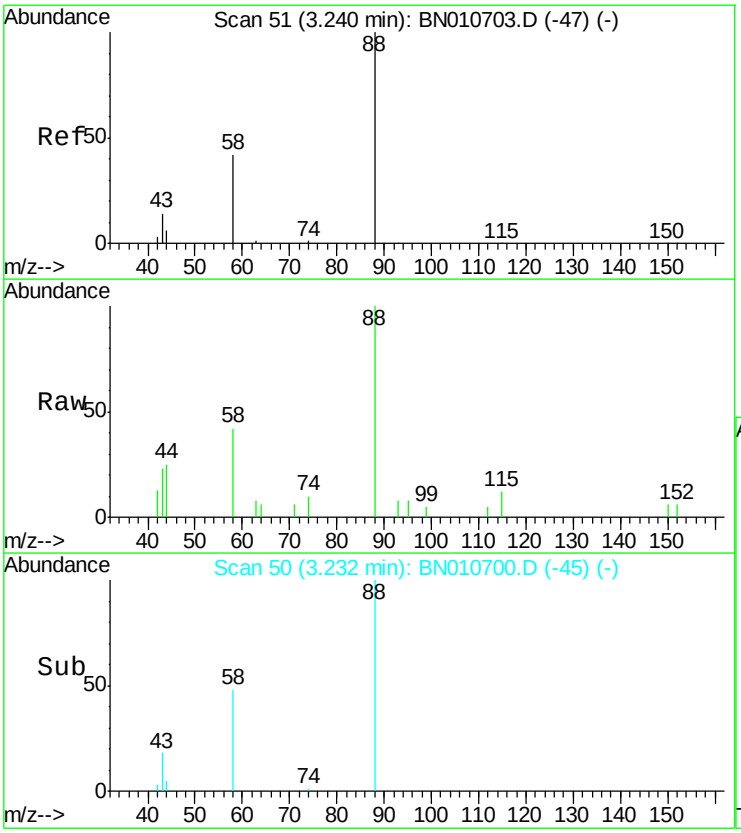
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3370

Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.4	179.0
115	59.0	45.9	68.9

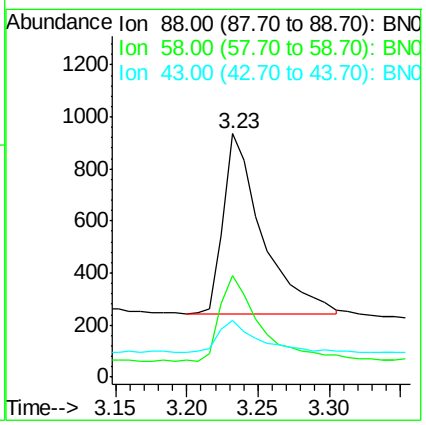


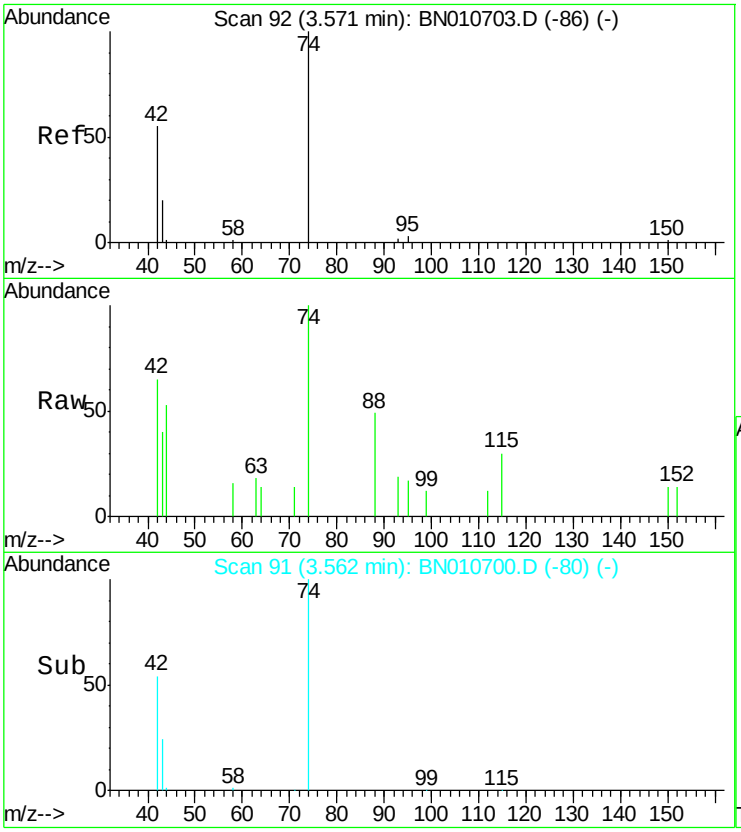


#2
1,4-Dioxane
Concen: 0.52 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion: 88 Resp: 1298

Ion	Ratio	Lower	Upper
88	100		
58	48.8	39.0	58.6
43	18.0	13.1	19.7



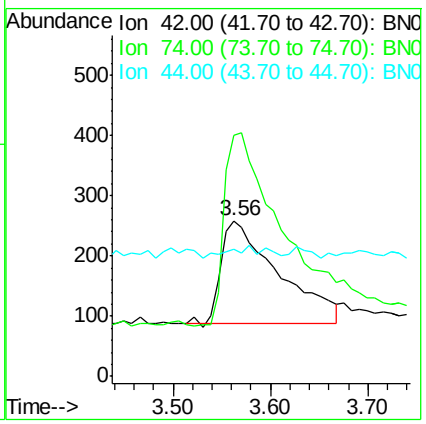


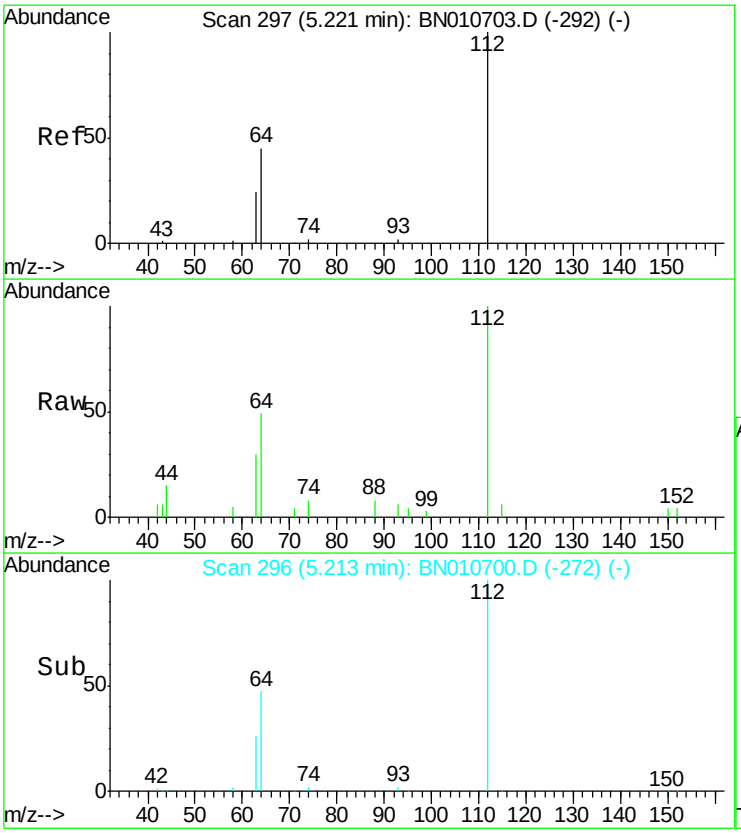
#3
n-Nitrosodimethylamine
Concen: 0.44 ng
RT: 3.56 min Scan# 91
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 711

Ion	Ratio	Lower	Upper
42	100		
74	0.0	146.2	219.2#
44	3.1	3.0	4.4

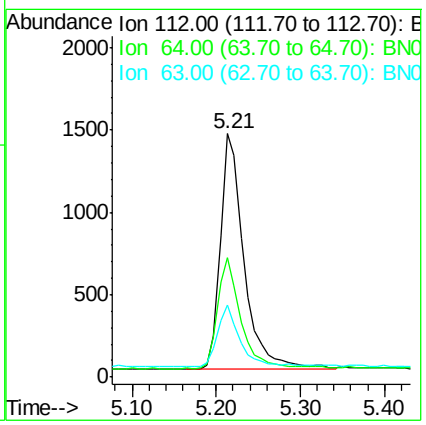


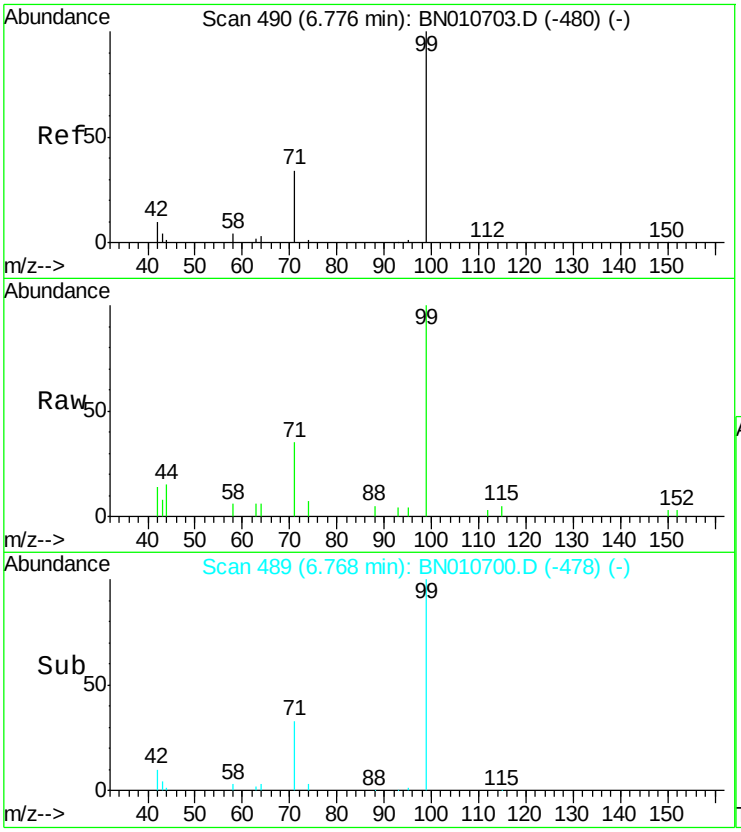


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.21 min Scan# 296
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:112 Resp: 2796

Ion	Ratio	Lower	Upper
112	100		
64	47.5	36.2	54.4
63	25.0	19.8	29.8



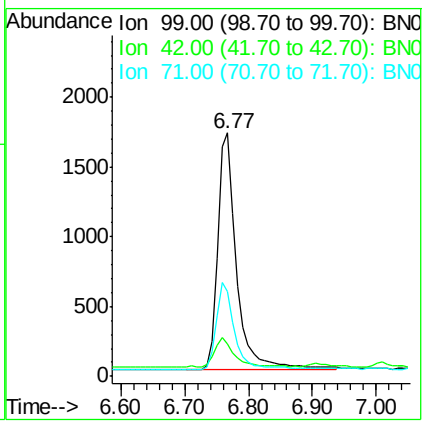


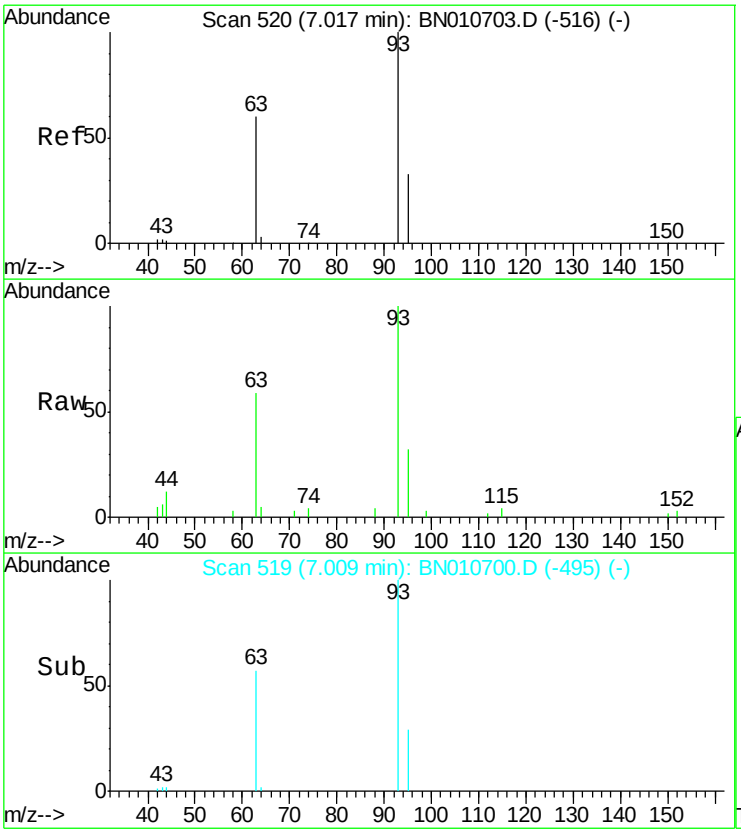
#5
Phenol-d6
Concen: 0.36 ng
RT: 6.77 min Scan# 489
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3469

Ion	Ratio	Lower	Upper
99	100		
42	13.0	9.8	14.8
71	35.7	28.6	42.8

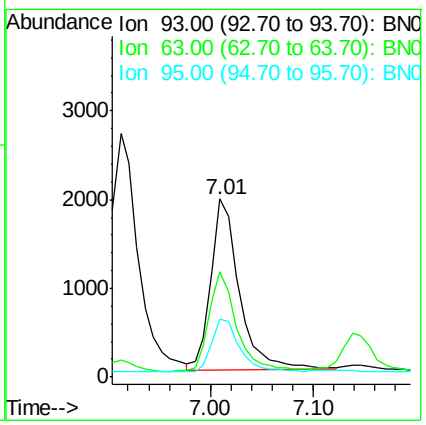


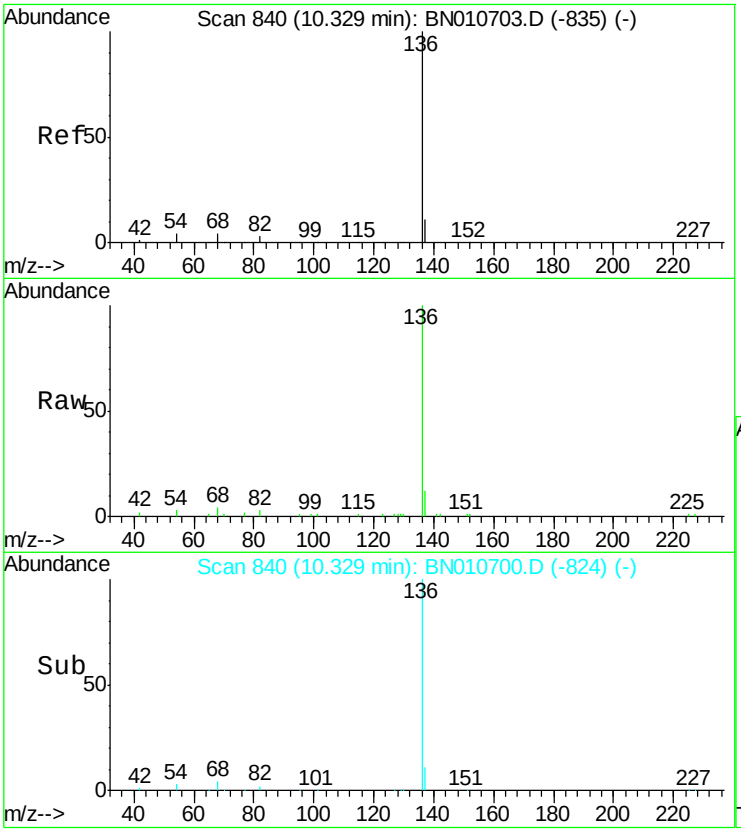


#6
bis(2-Chloroethyl)ether
Concen: 0.45 ng
RT: 7.01 min Scan# 519
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion: 93 Resp: 3776

Ion	Ratio	Lower	Upper
93	100		
63	55.0	43.1	64.7
95	30.5	24.6	37.0



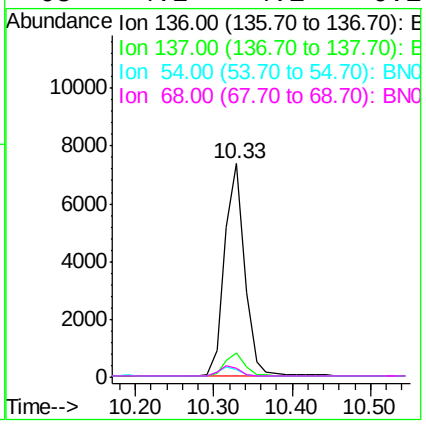


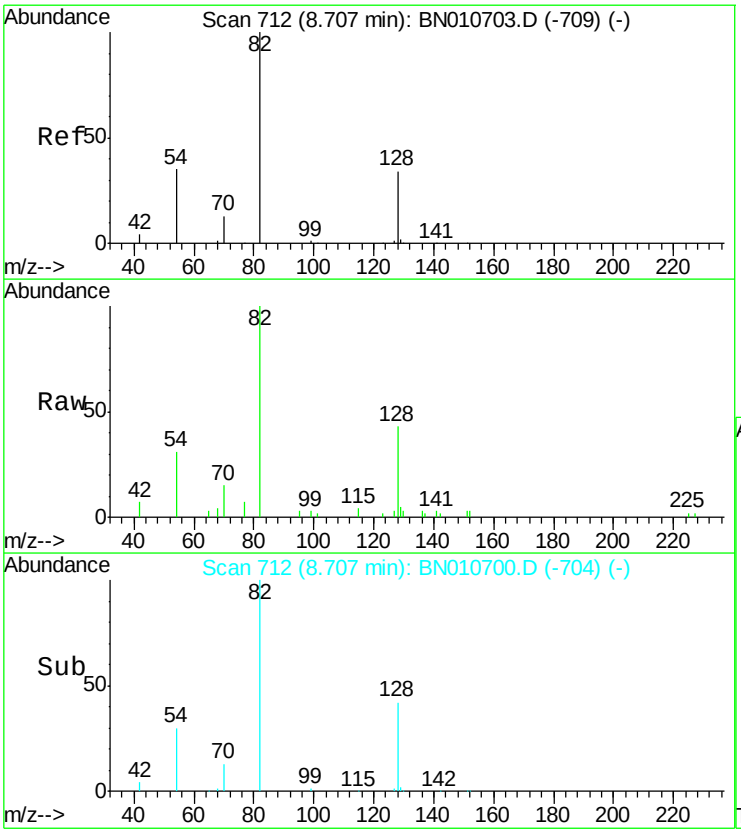
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13019

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	3.4	3.6	5.4#
68	4.2	4.1	6.1

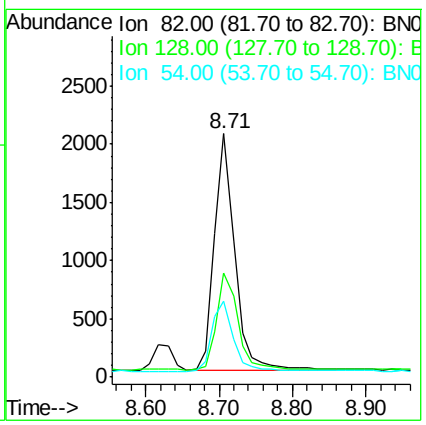


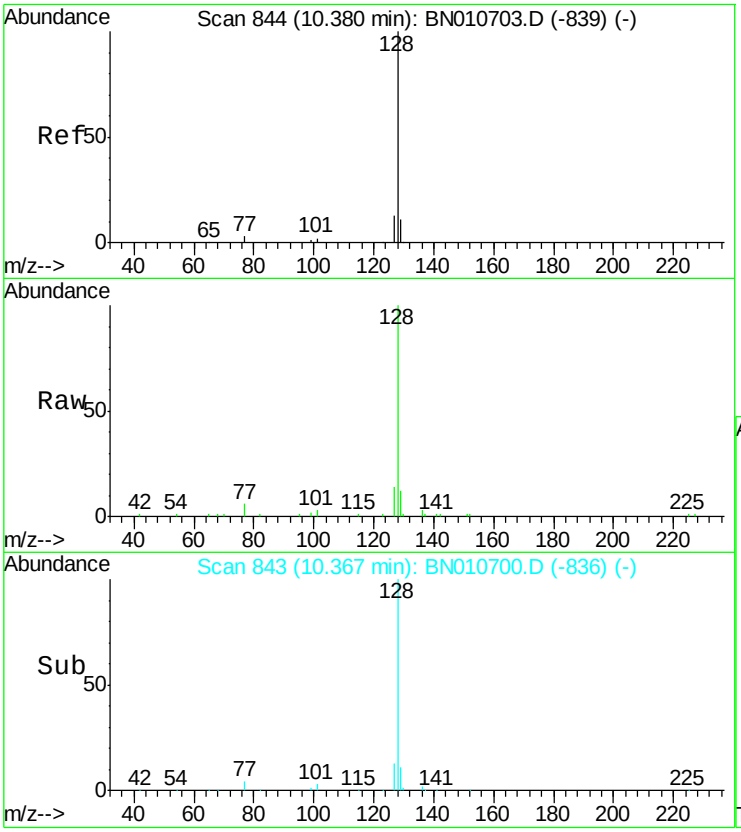


#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 8.71 min Scan# 712
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion: 82 Resp: 3910

Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.0	43.4
54	31.1	29.3	43.9



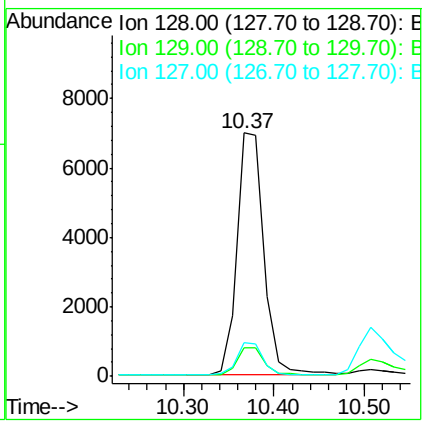


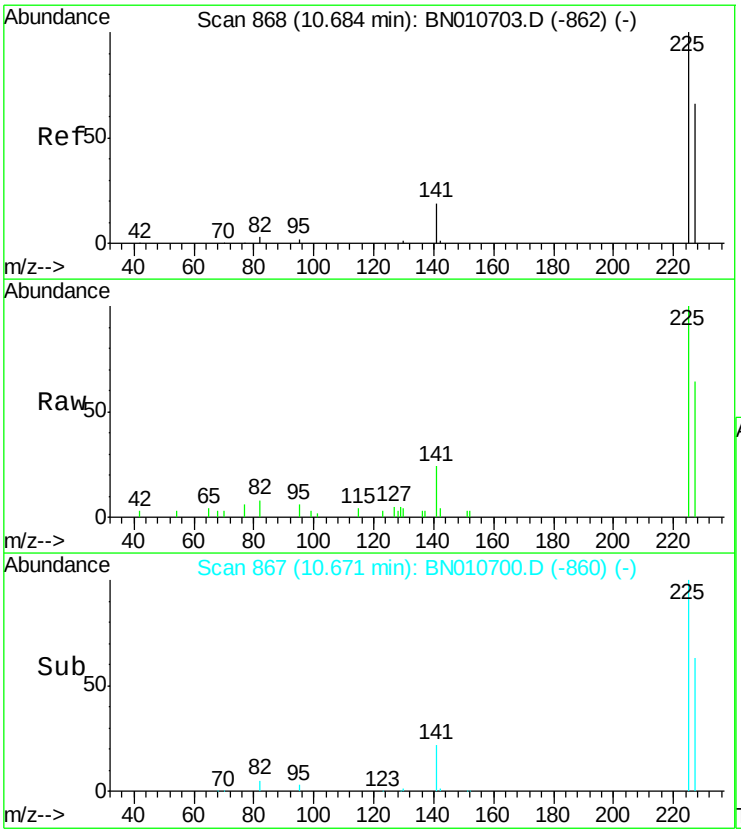
#9
Naphthalene
Concen: 0.44 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 14082

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	14.1	11.0	16.6

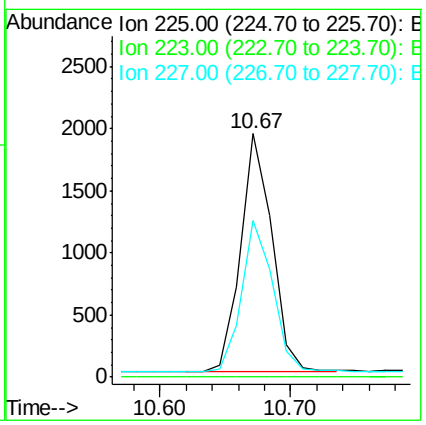


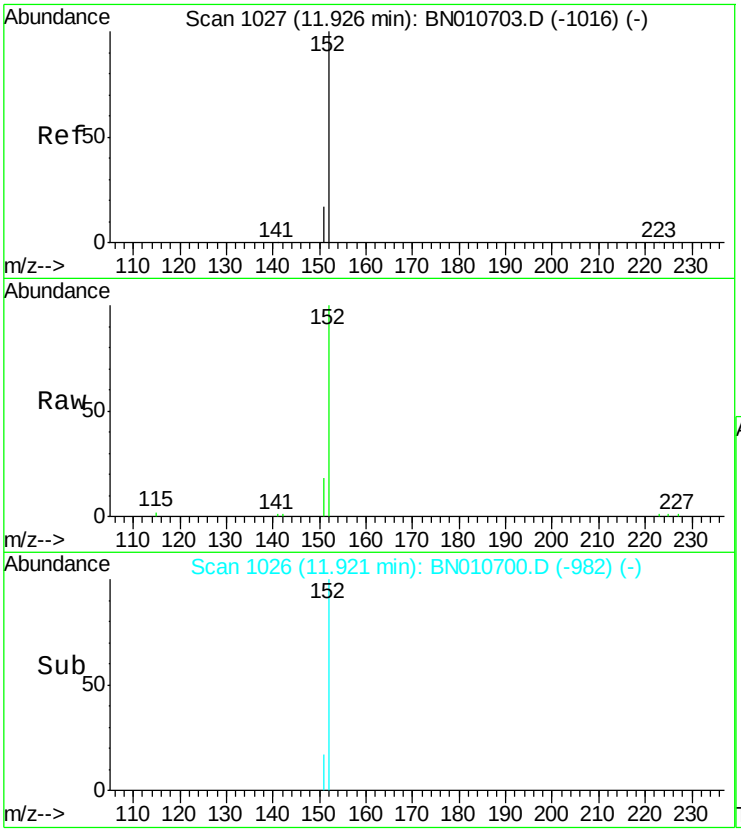


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.67 min Scan# 867
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:225 Resp: 3165

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.7	76.1



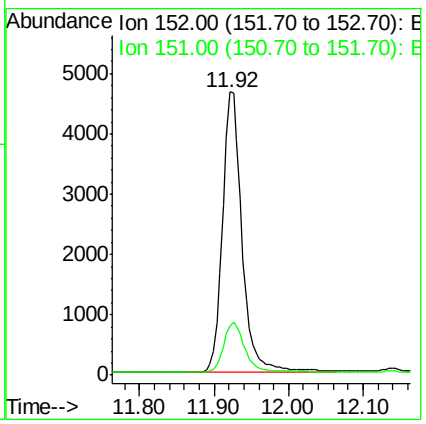


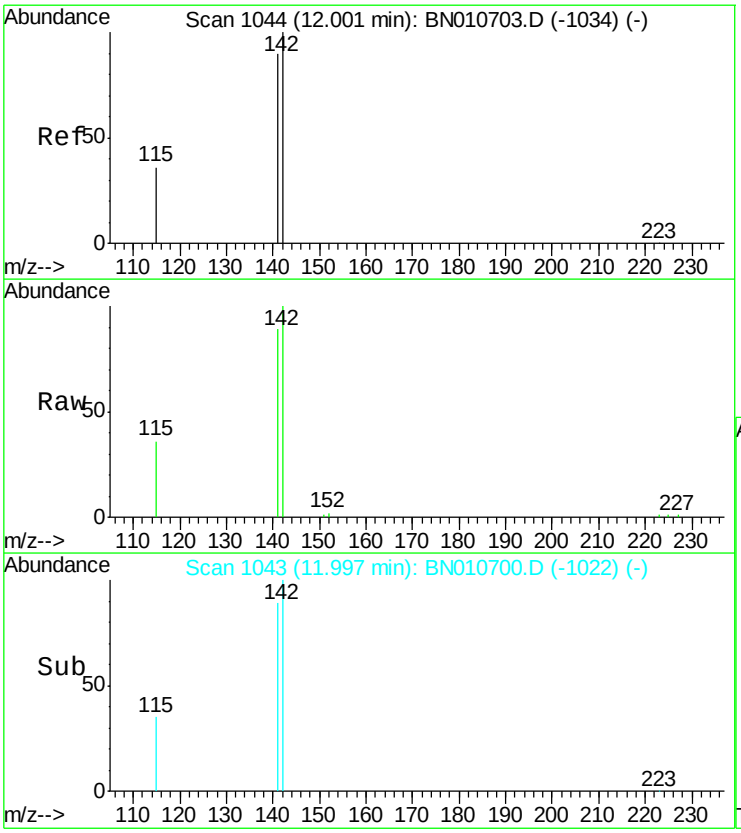
#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 11.92 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8478

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

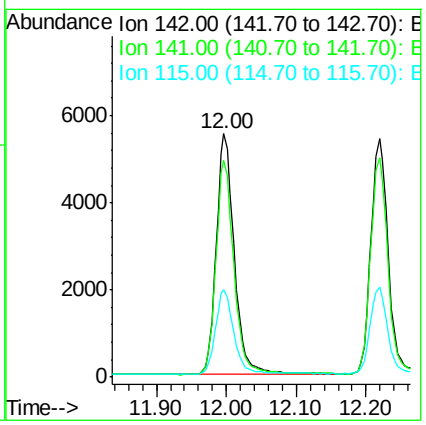


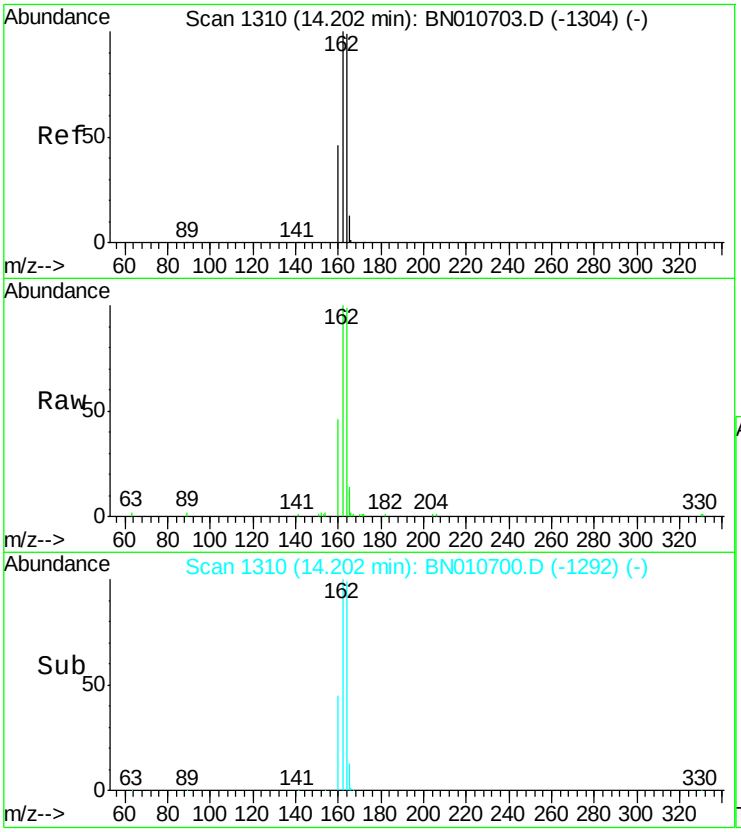


#12
2-Methylnaphthalene
Concen: 0.43 ng
RT: 12.00 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:142 Resp: 9967

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.7	107.5
115	36.0	29.8	44.6



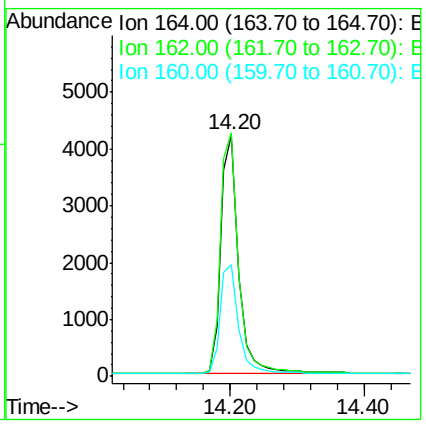


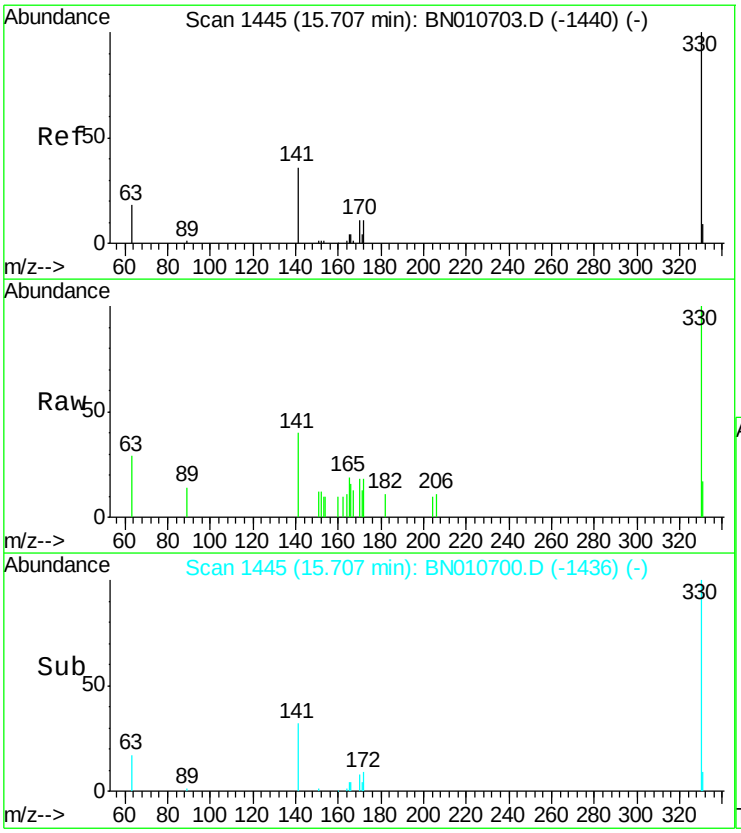
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.20 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7760

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.1	121.7
160	46.4	37.9	56.9

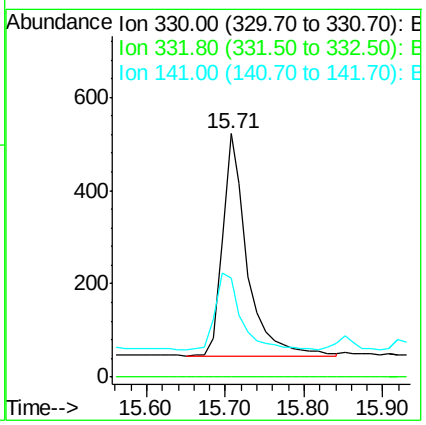


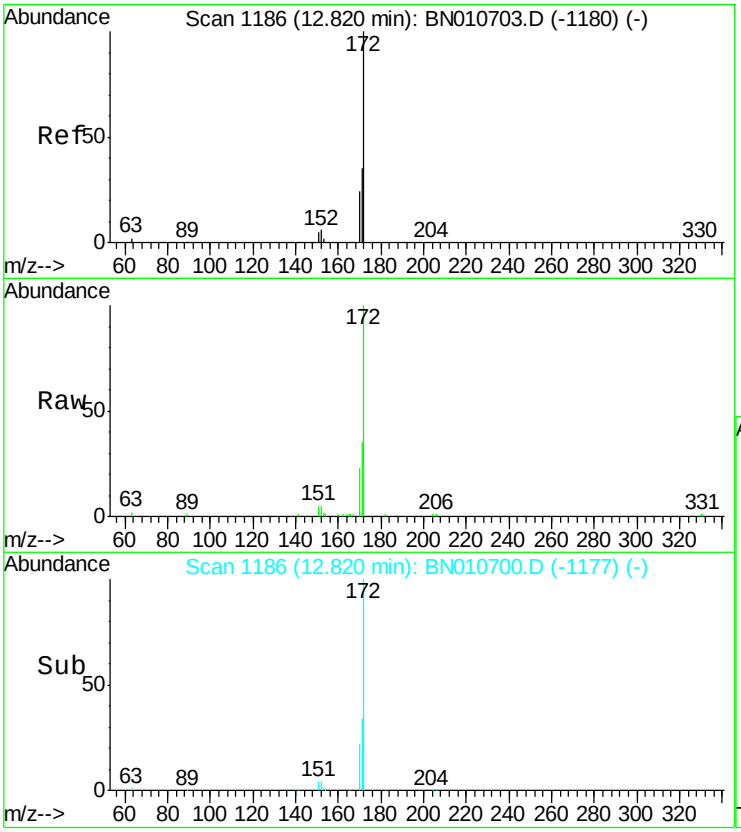


#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:330 Resp: 1048

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.2	28.8	43.2



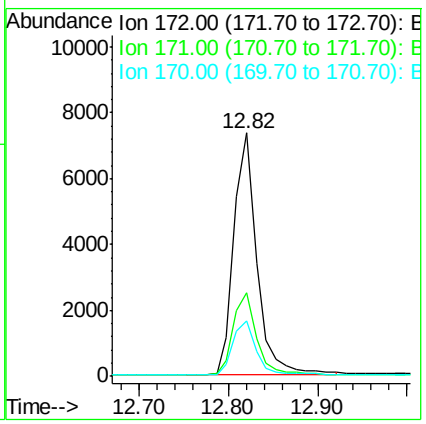


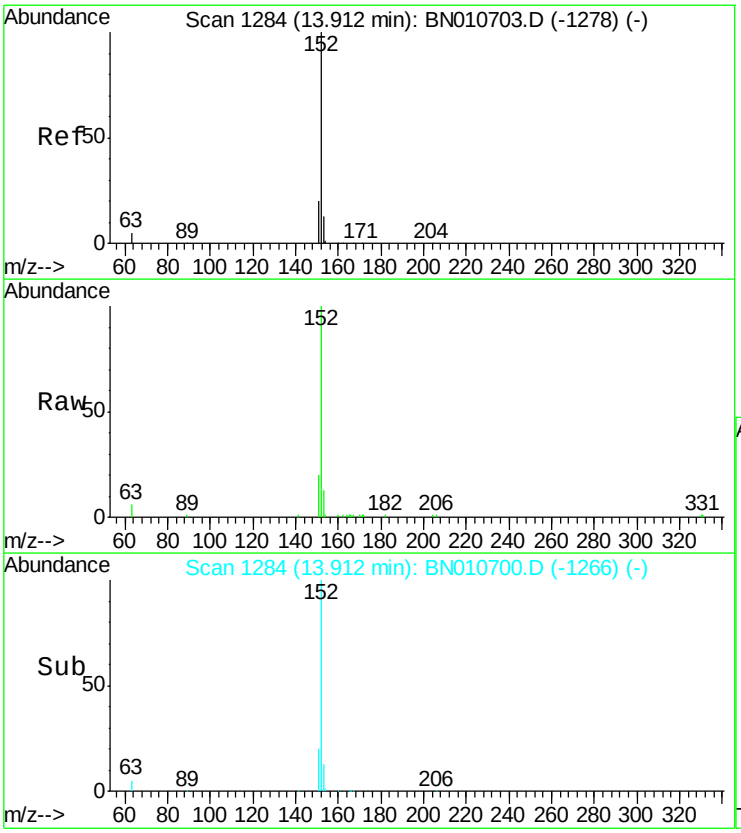
#15
2-Fluorobiphenyl
Concen: 0.47 ng
RT: 12.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13179

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	22.6	19.8	29.8

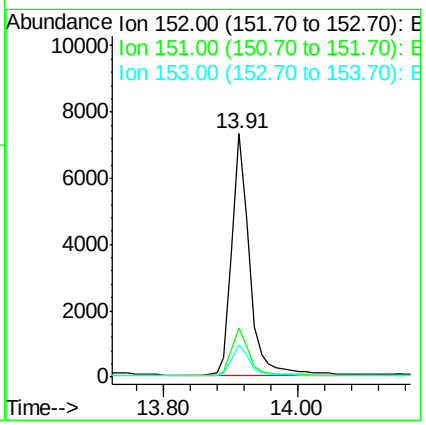


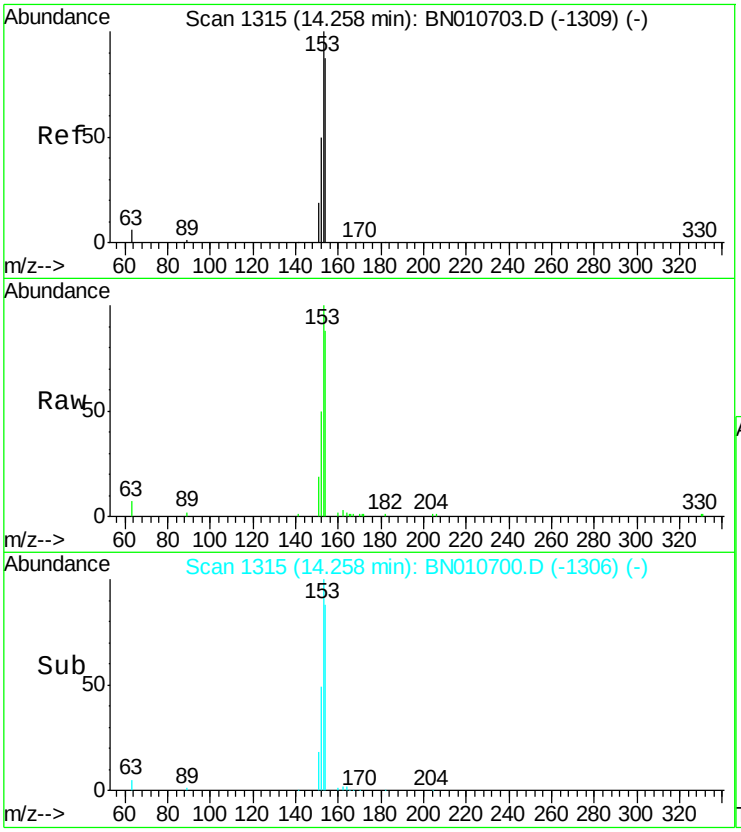


#16
Acenaphthylene
Concen: 0.40 ng
RT: 13.91 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:152 Resp: 13250

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.0	10.4	15.6



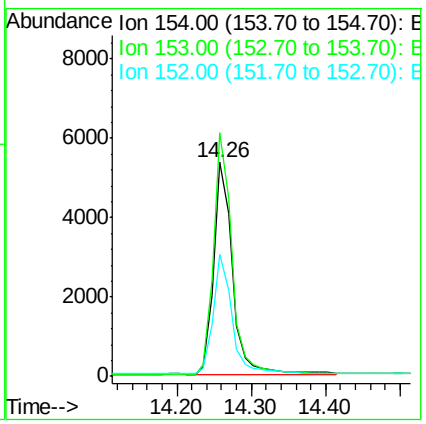


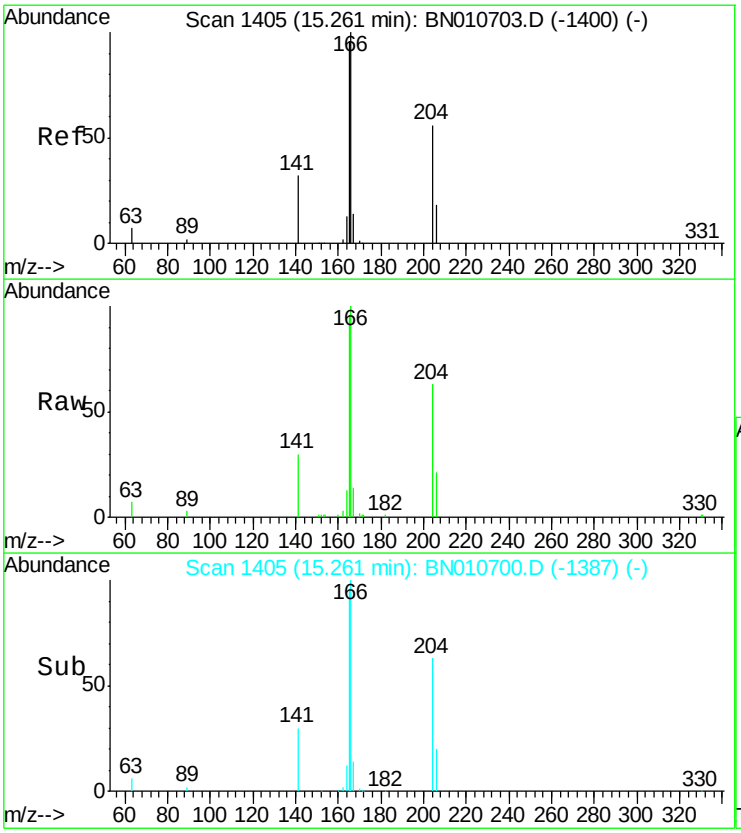
#17
Acenaphthene
Concen: 0.43 ng
RT: 14.26 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 9311

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.5	137.3
152	55.8	45.6	68.4

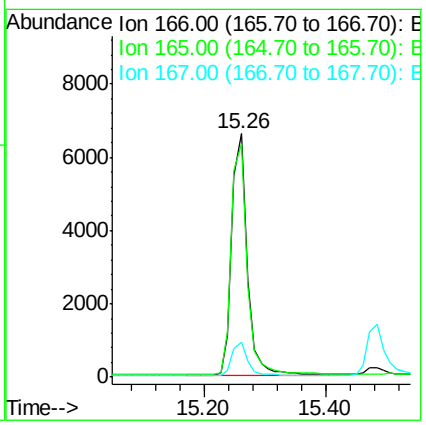


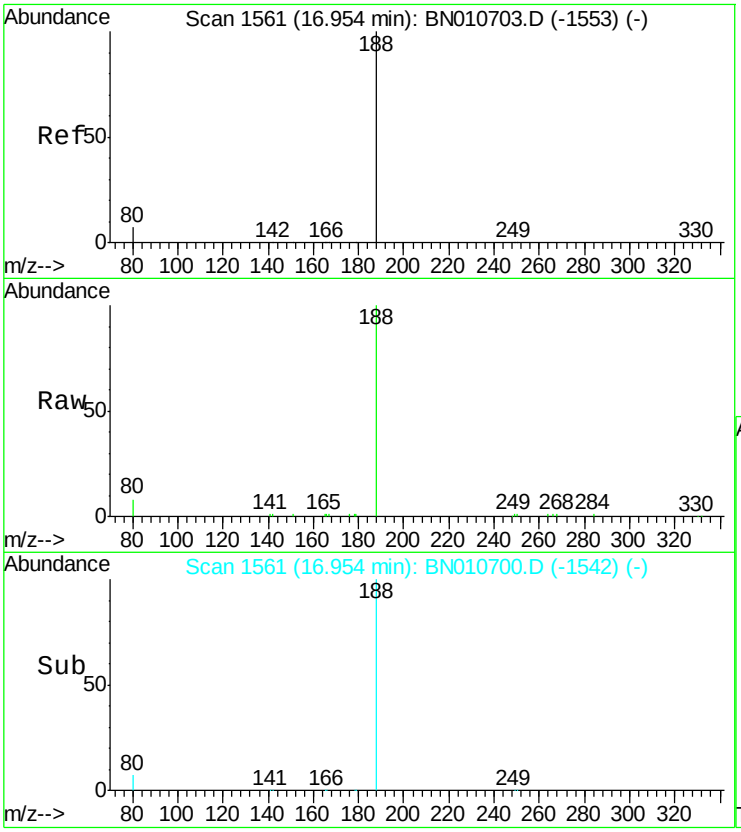


#18
Fluorene
Concen: 0.41 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:166 Resp: 11697

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.9	116.9
167	13.7	11.0	16.4



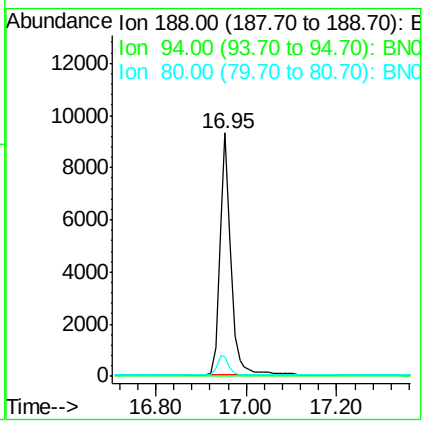


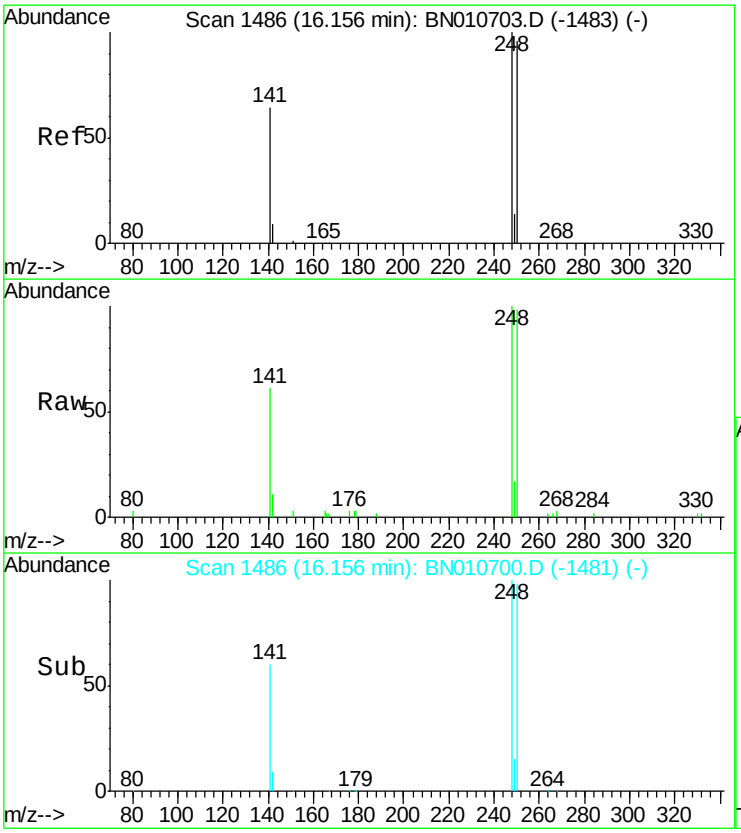
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 15916

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.3	9.5

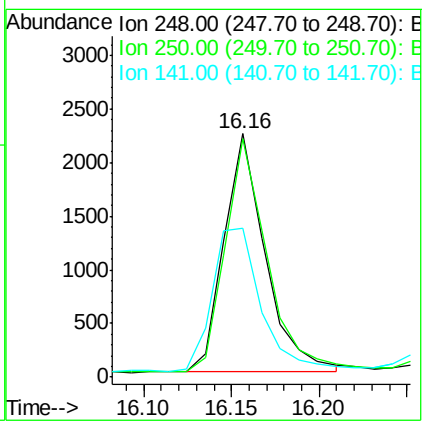


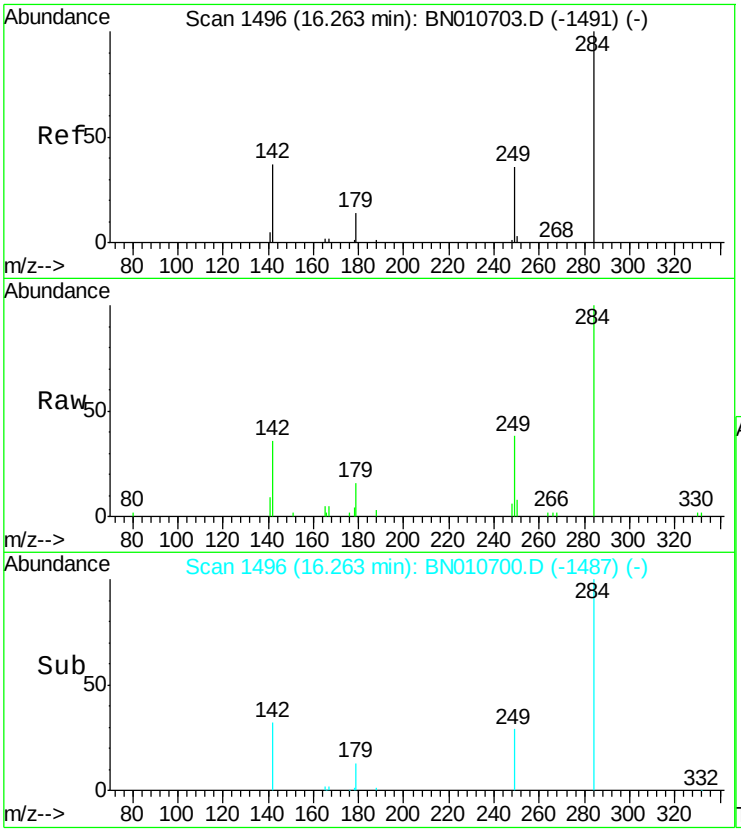


#20
4-Bromophenyl-phenylether
Concen: 0.41 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:248 Resp: 3596

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.4	116.0
141	61.4	53.1	79.7



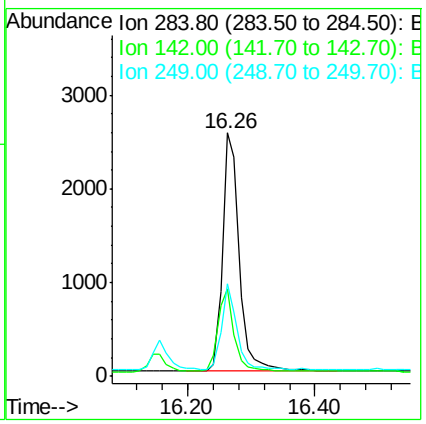


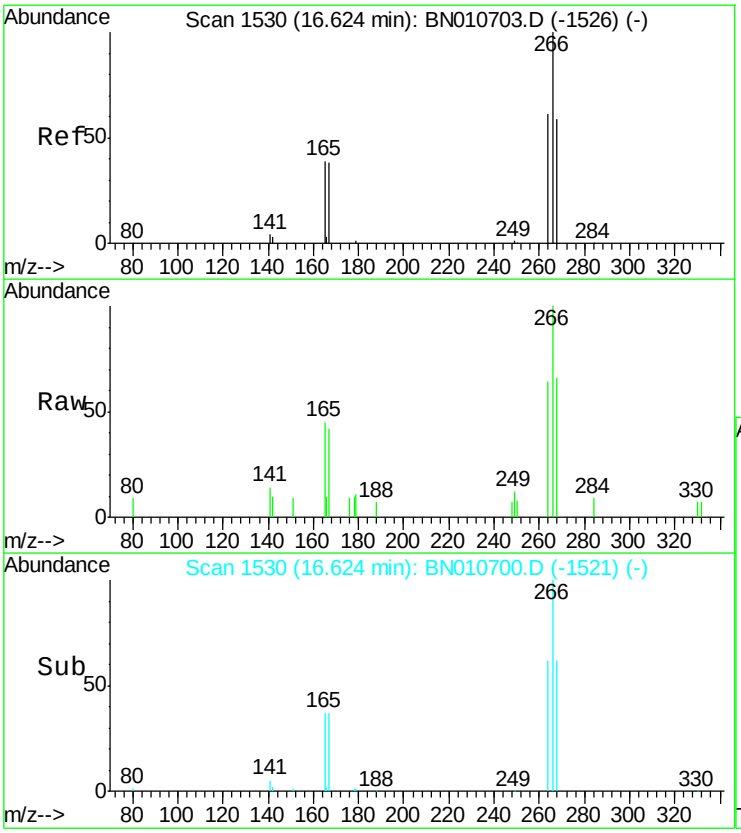
#21
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4602

Ion	Ratio	Lower	Upper
284	100		
142	33.7	28.2	42.2
249	32.1	26.4	39.6

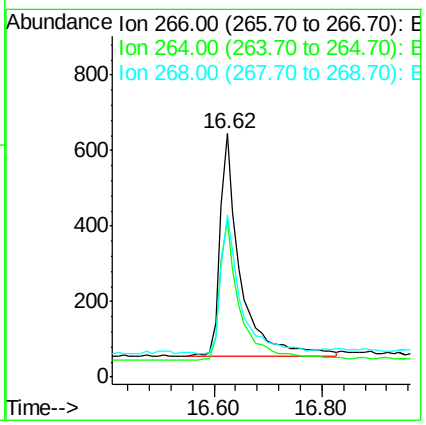


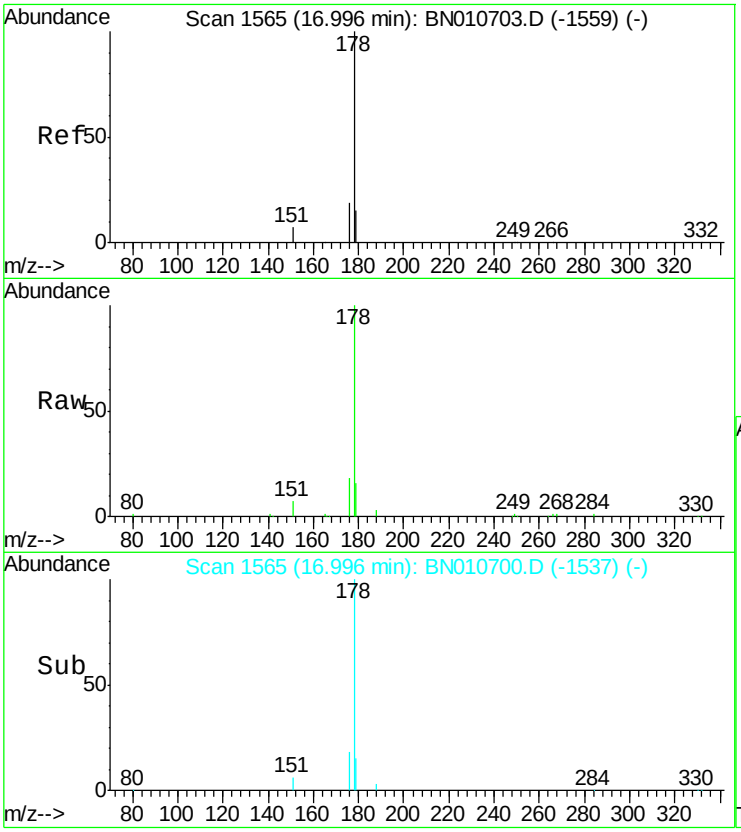


#22
Pentachlorophenol
Concen: 0.38 ng
RT: 16.62 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:266 Resp: 1517

Ion	Ratio	Lower	Upper
266	100		
264	64.2	51.1	76.7
268	66.2	52.1	78.1



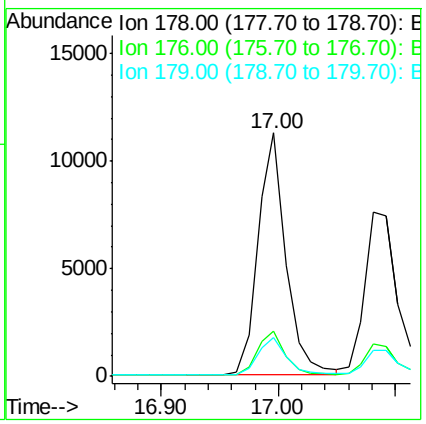


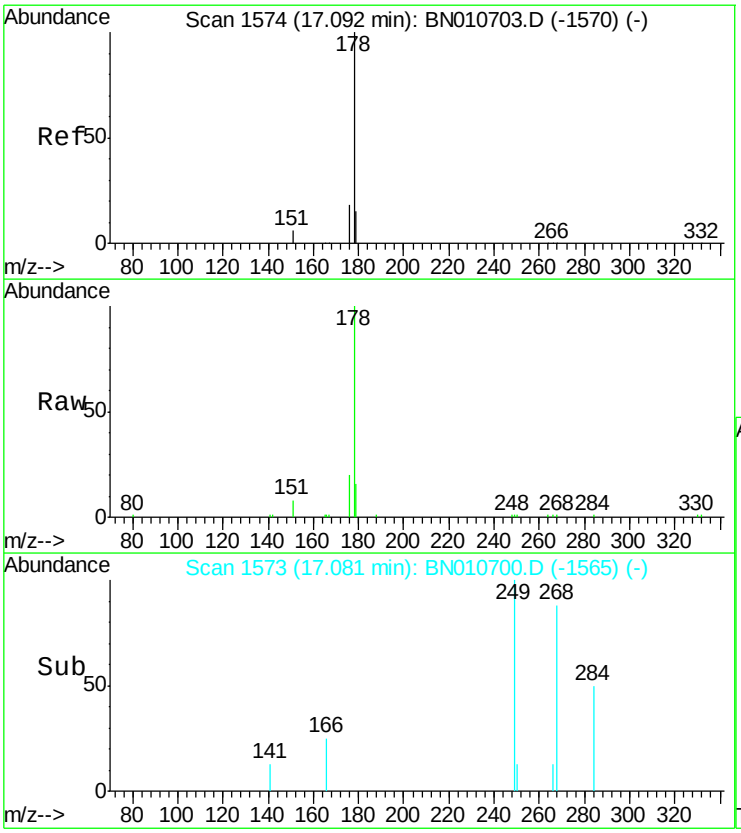
#23
Phenanthrene
Concen: 0.43 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 18633

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.2	18.4

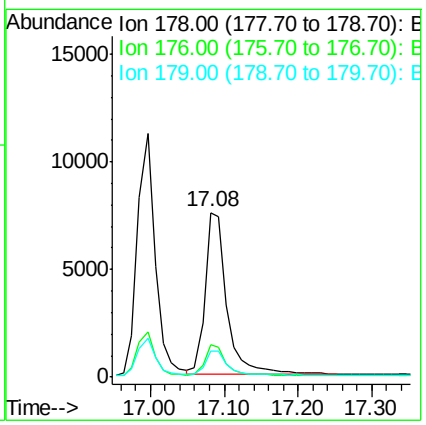


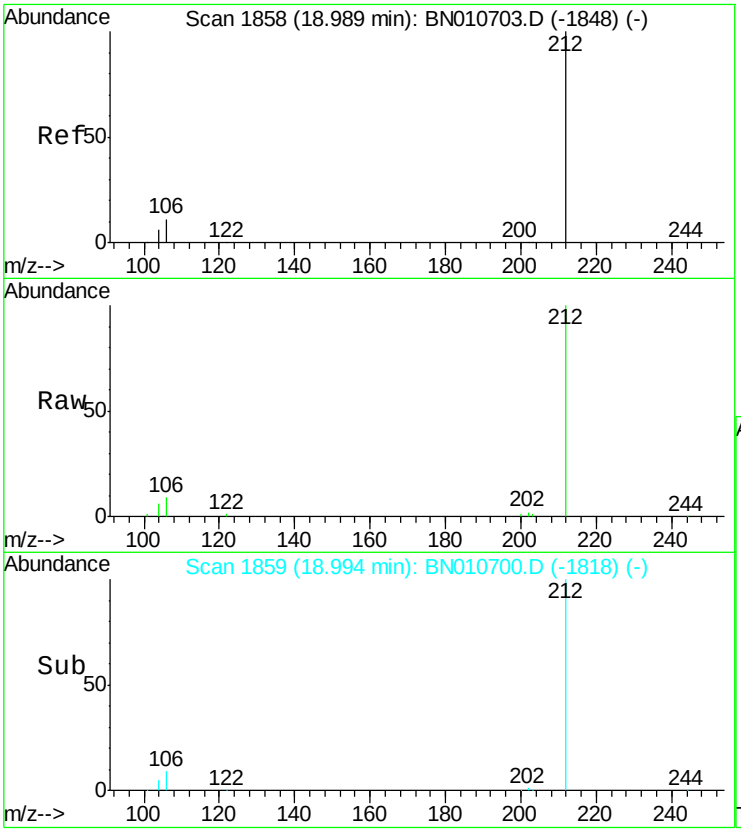


#24
Anthracene
Concen: 0.39 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:178 Resp: 15262

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



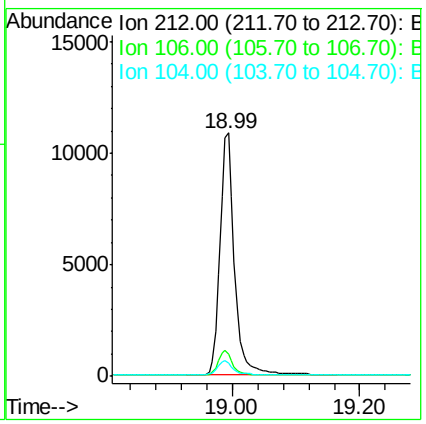


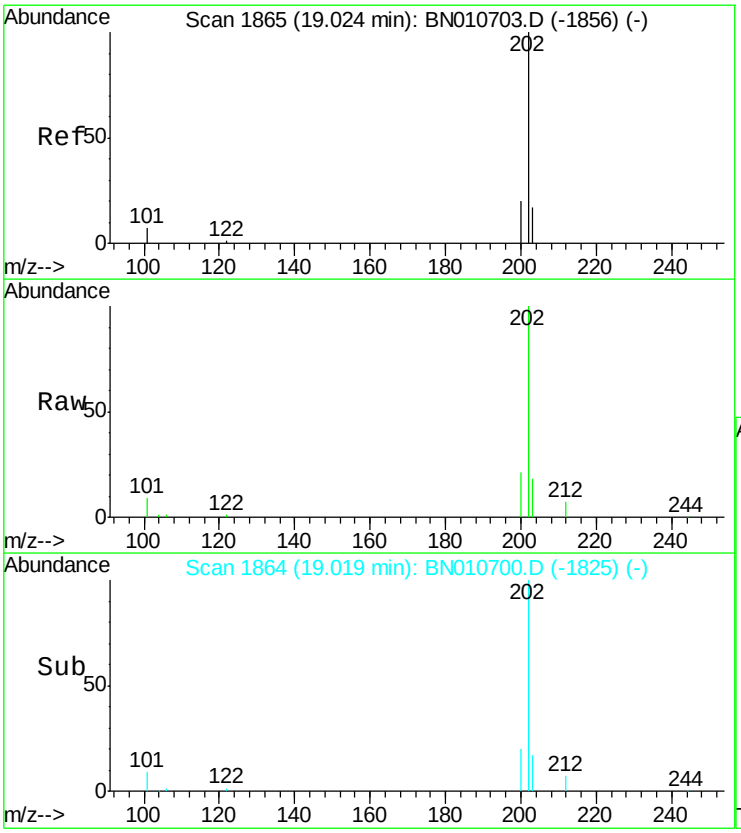
#25
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.99 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 17535

Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.2	12.2
104	5.7	4.7	7.1

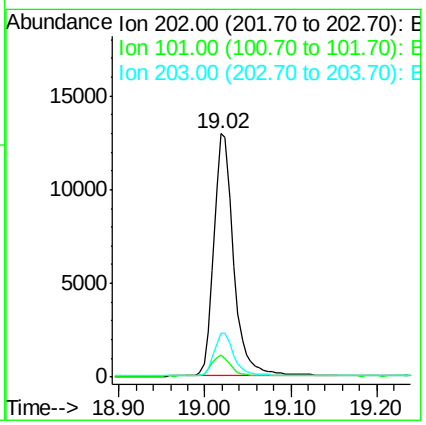


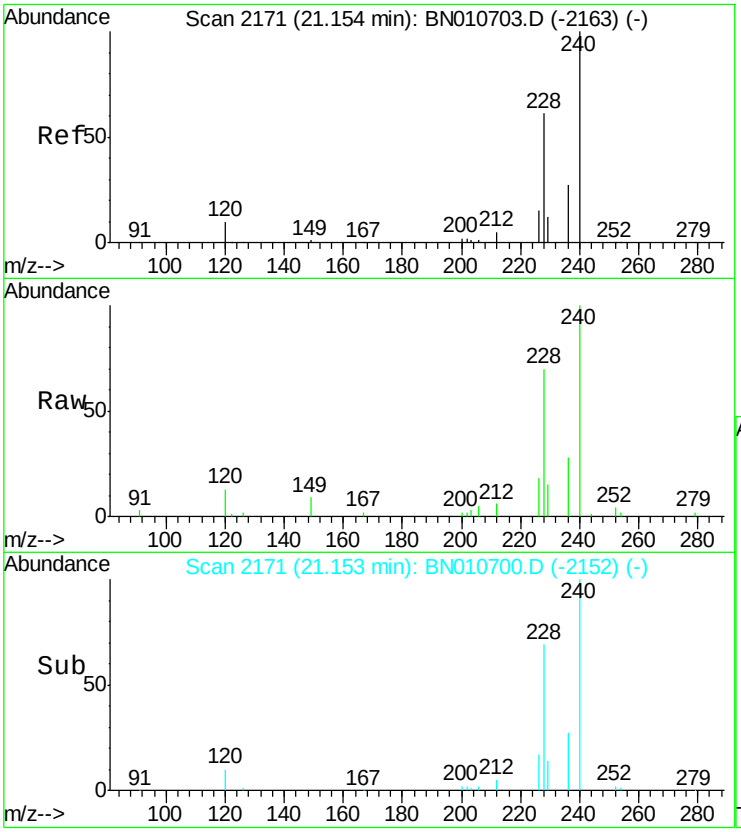


#26
Fluoranthene
Concen: 0.39 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:202 Resp: 20856

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.7	10.1
203	17.3	13.4	20.0



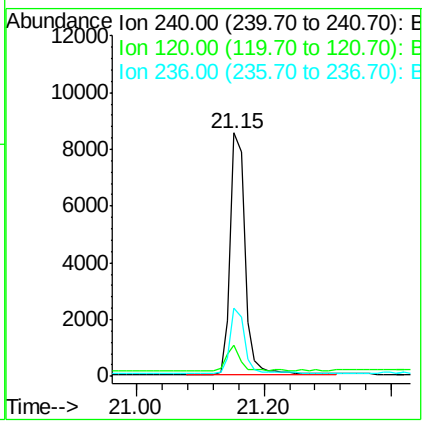


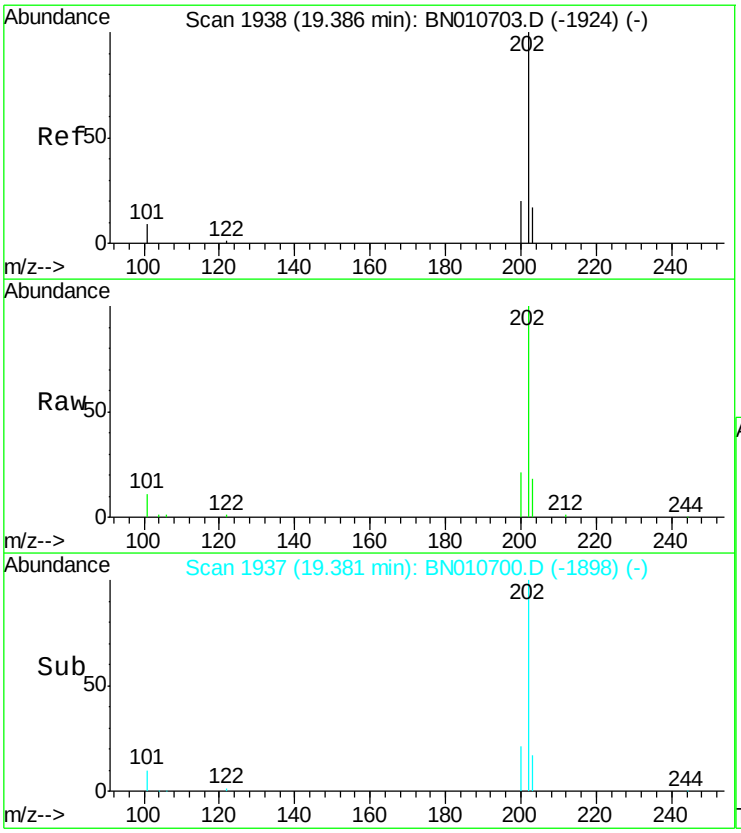
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 13878

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	28.2	22.5	33.7

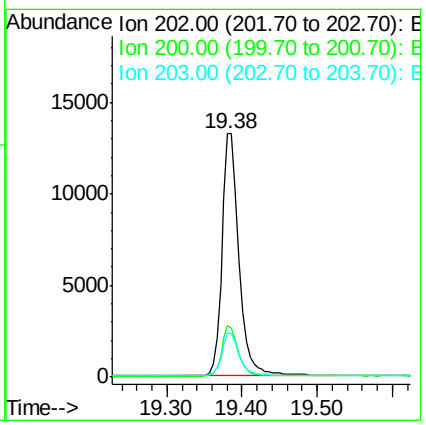


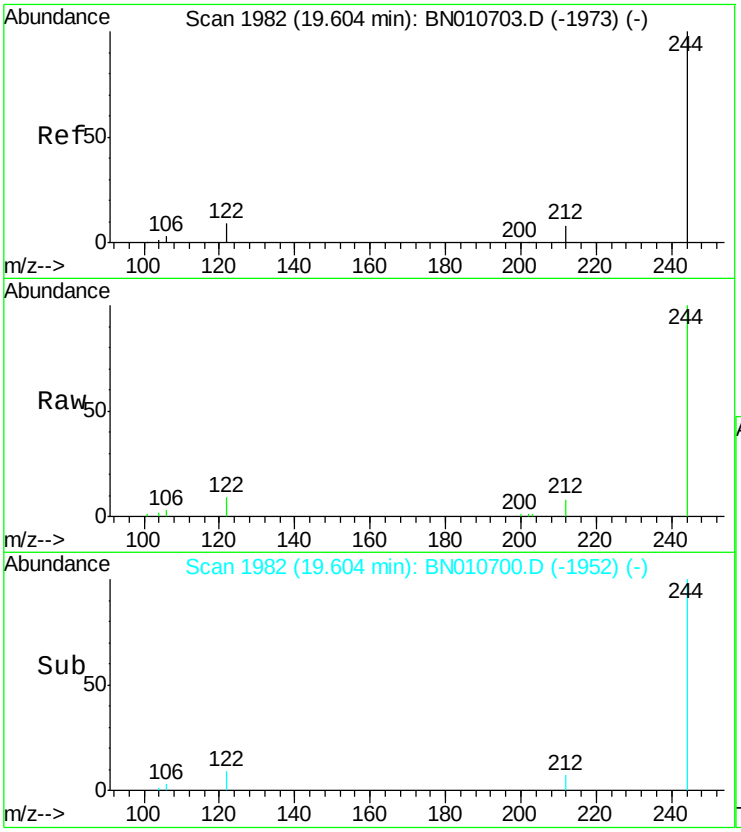


#28
Pyrene
Concen: 0.45 ng
RT: 19.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:202 Resp: 20833

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	18.2	14.1	21.1



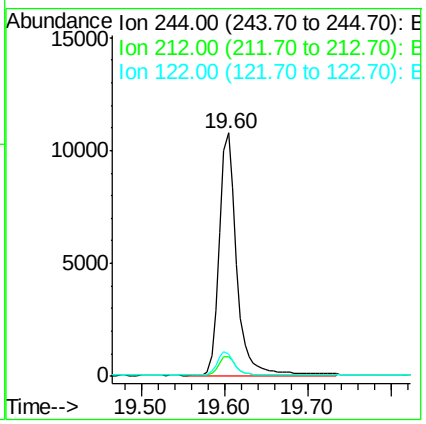


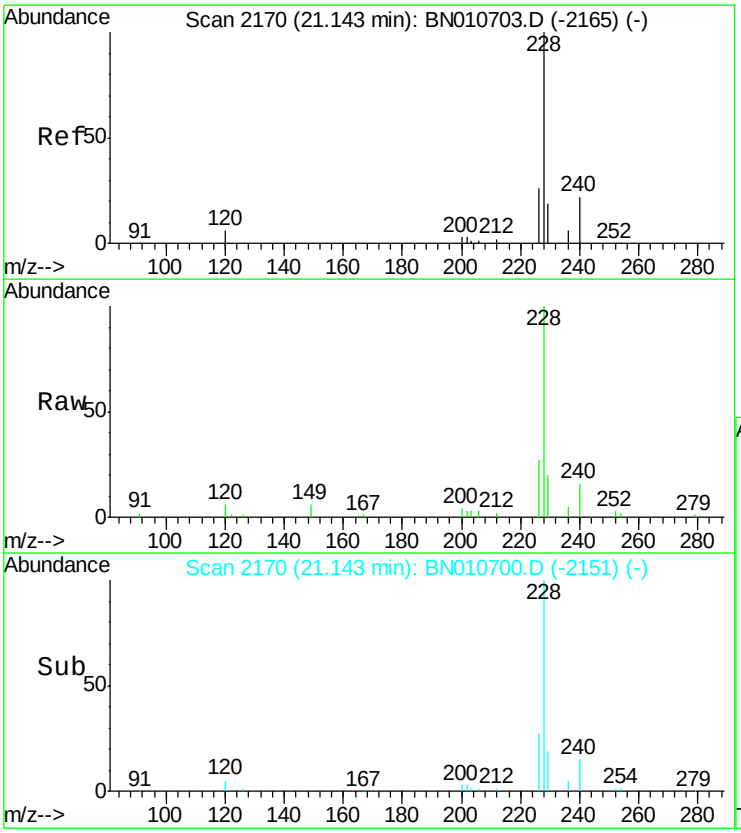
#29
Terphenyl-d14
Concen: 0.49 ng
RT: 19.60 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 15517

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.8	10.2
122	9.2	8.1	12.1

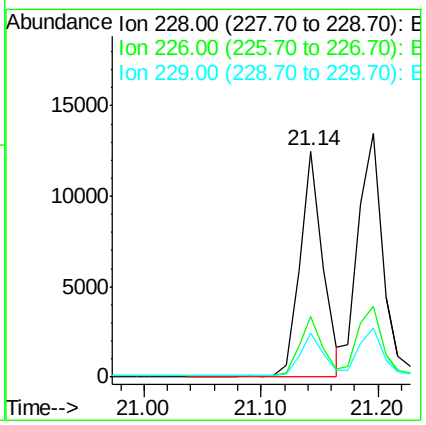


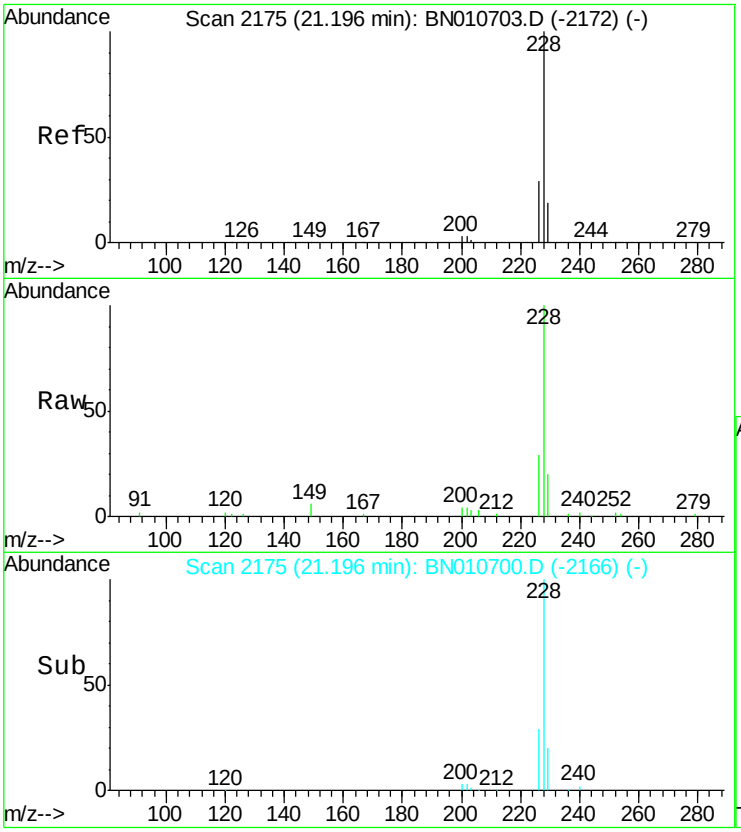


#30
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:228 Resp: 16827

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	19.5	16.0	24.0



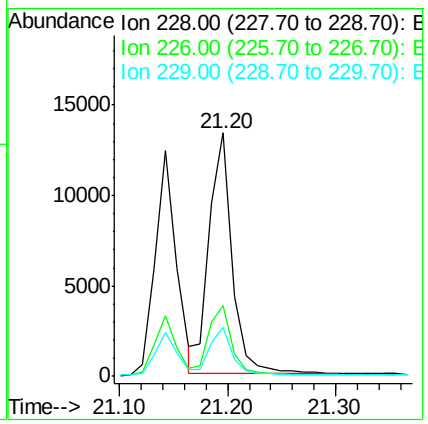


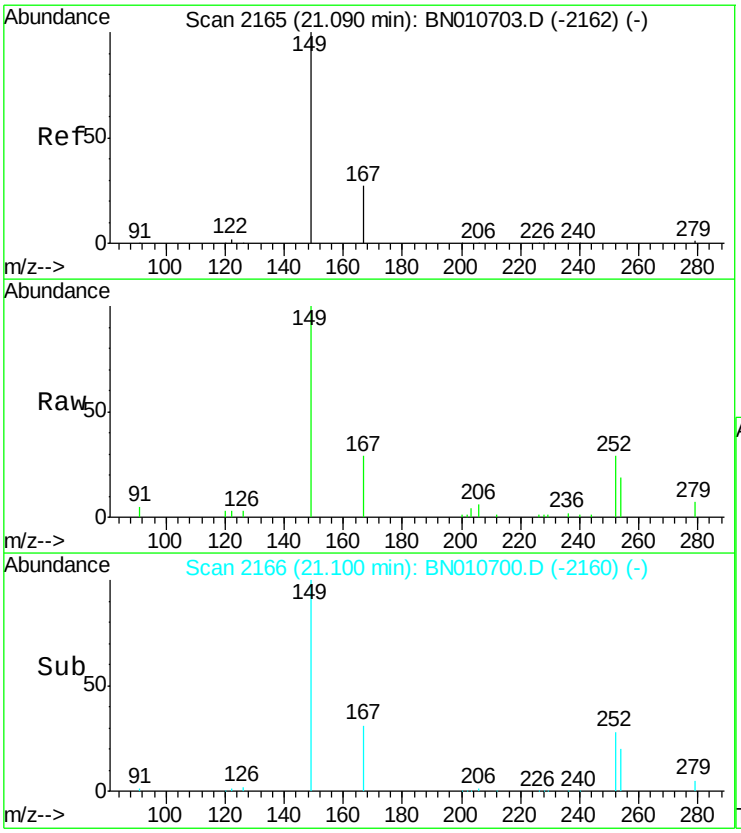
#31
Chrysene
Concen: 0.43 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 19507

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	20.1	16.1	24.1

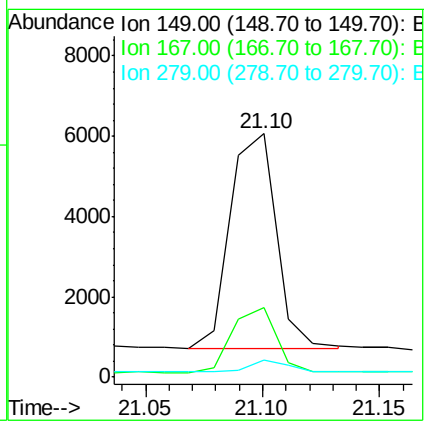


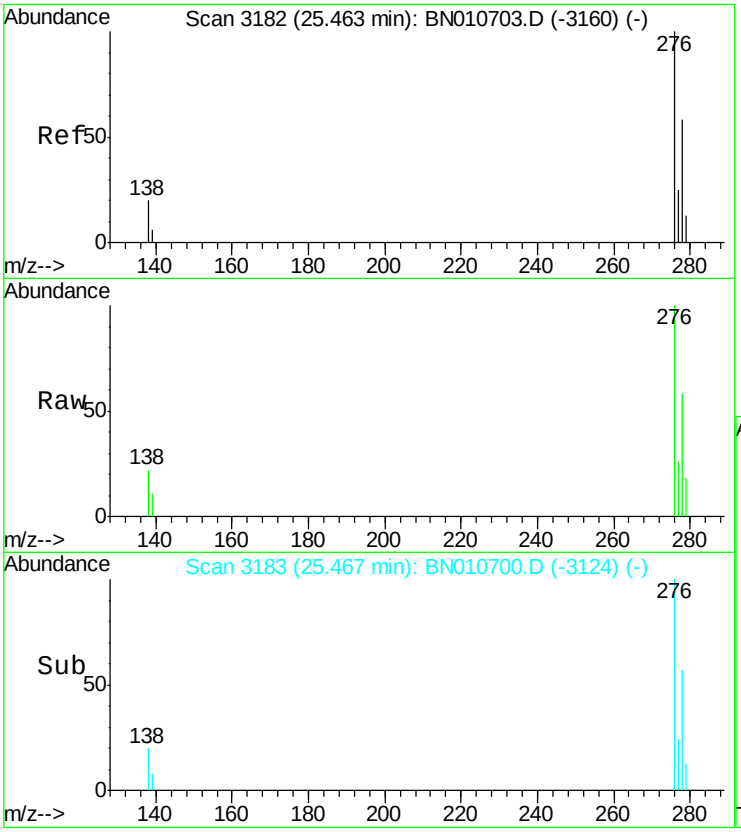


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.10 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:149 Resp: 7341

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.5	33.7
279	4.3	4.1	6.1



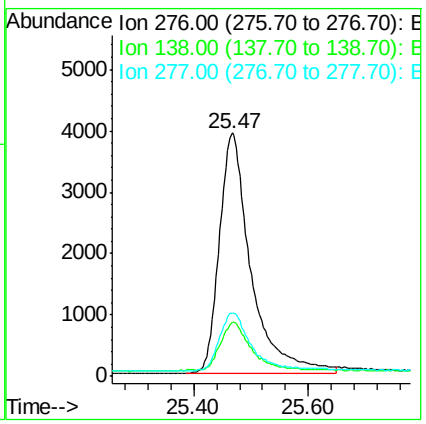


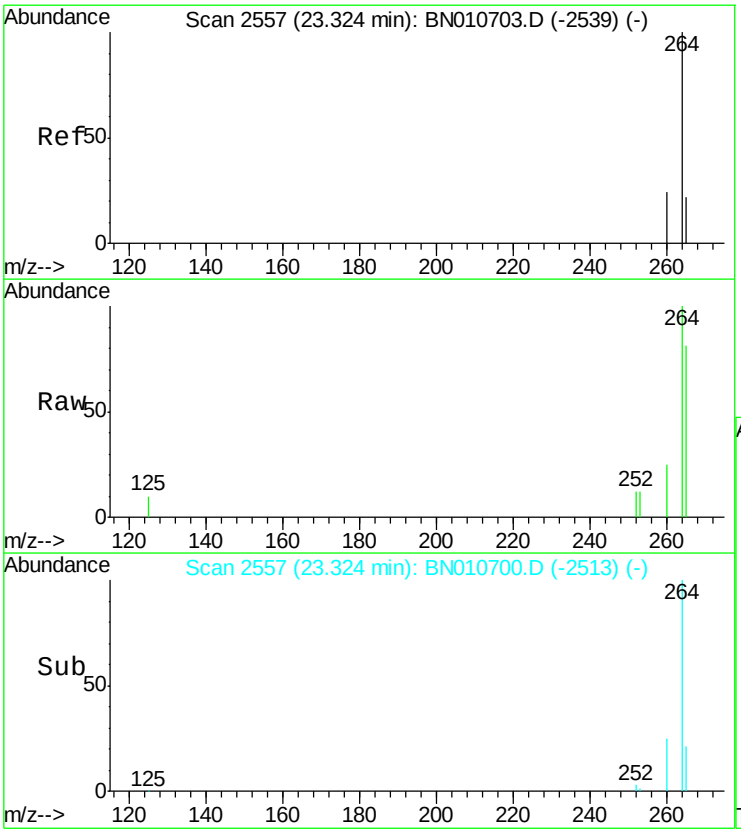
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 25.47 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 14935

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.1	22.7
277	24.8	19.4	29.0

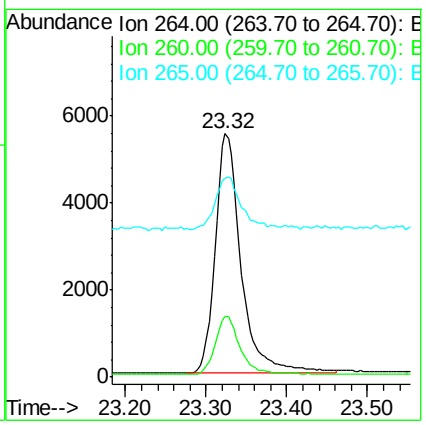


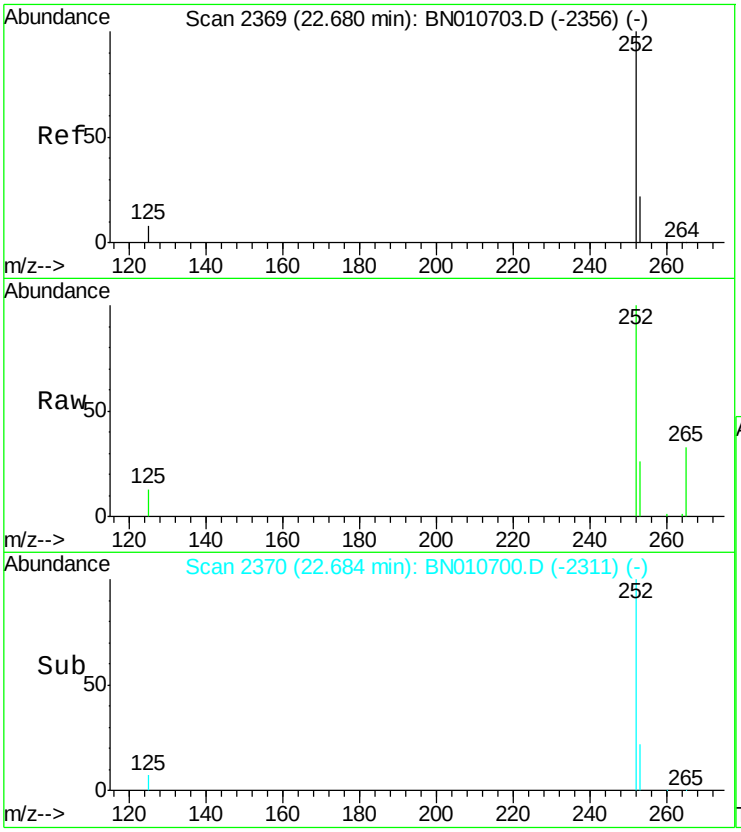


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.32 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:264 Resp: 12224

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	81.4	70.1	105.1



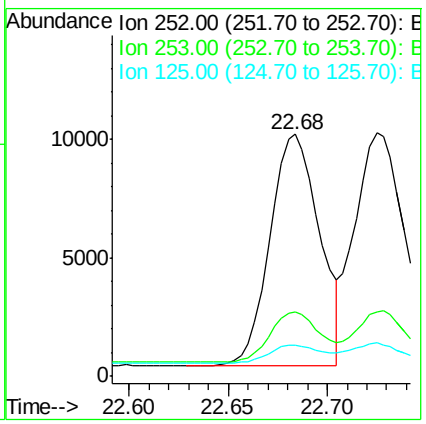


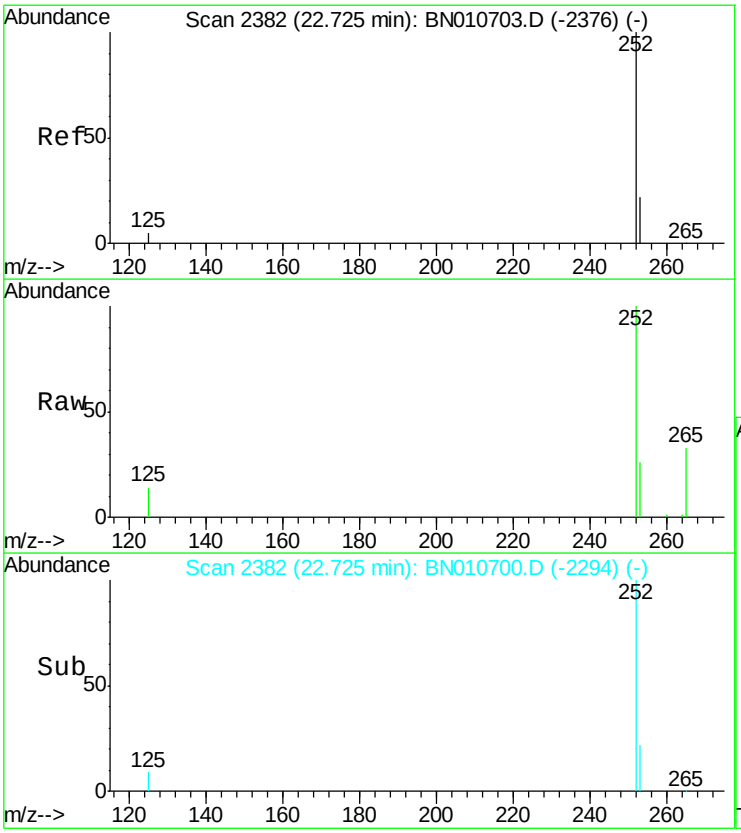
#35
Benzo(b)fluoranthene
Concen: 0.42 ng
RT: 22.68 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16925

Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.0	33.0
125	12.7	10.8	16.2

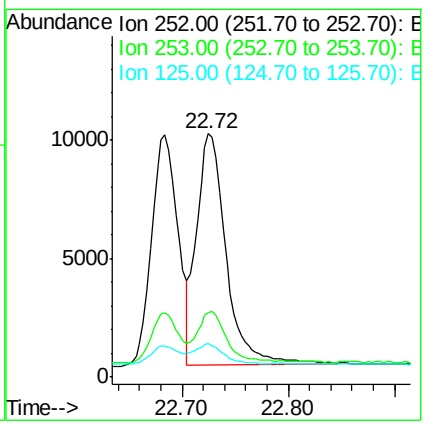


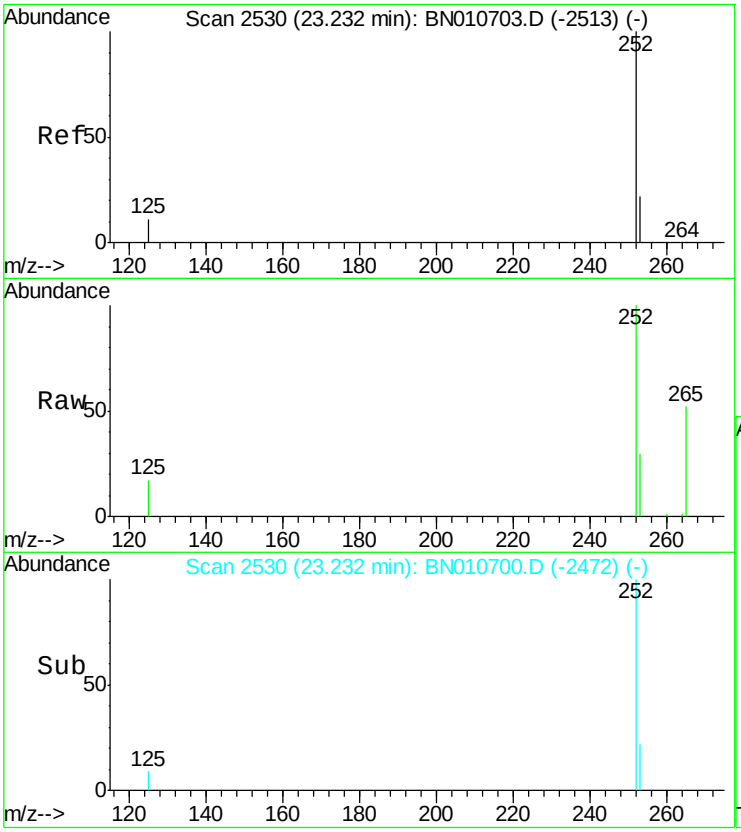


#36
Benzo(k)fluoranthene
Concen: 0.46 ng
RT: 22.72 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:252 Resp: 18730

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.9	32.9
125	13.6	11.1	16.7



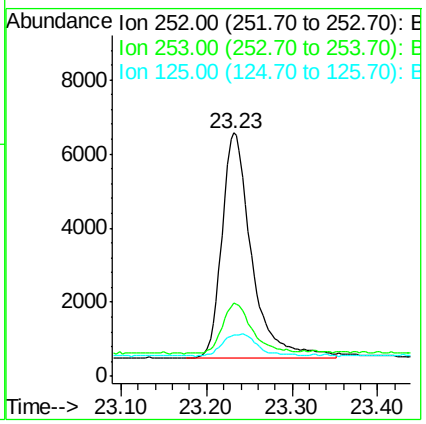


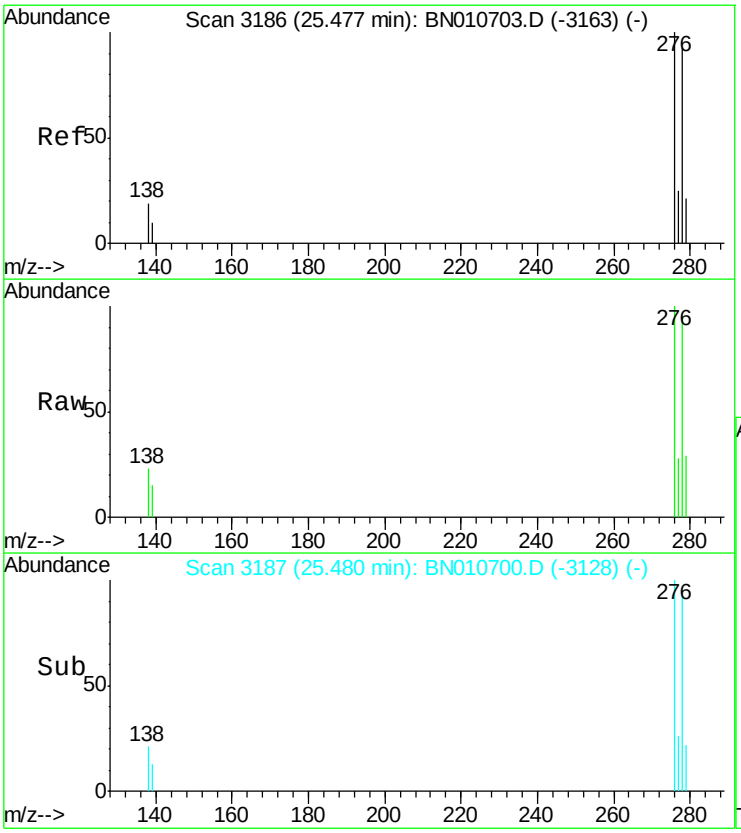
#37
Benzo(a)pyrene
Concen: 0.41 ng
RT: 23.23 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 14725

Ion	Ratio	Lower	Upper
252	100		
253	29.9	24.8	37.2
125	17.2	15.8	23.6

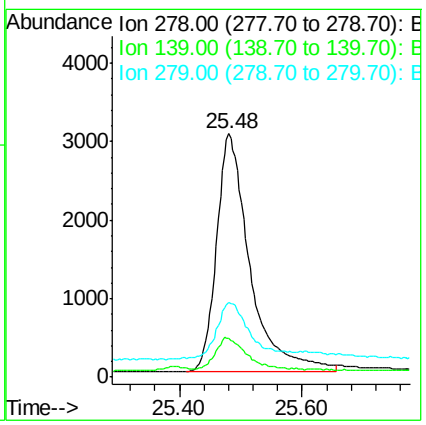


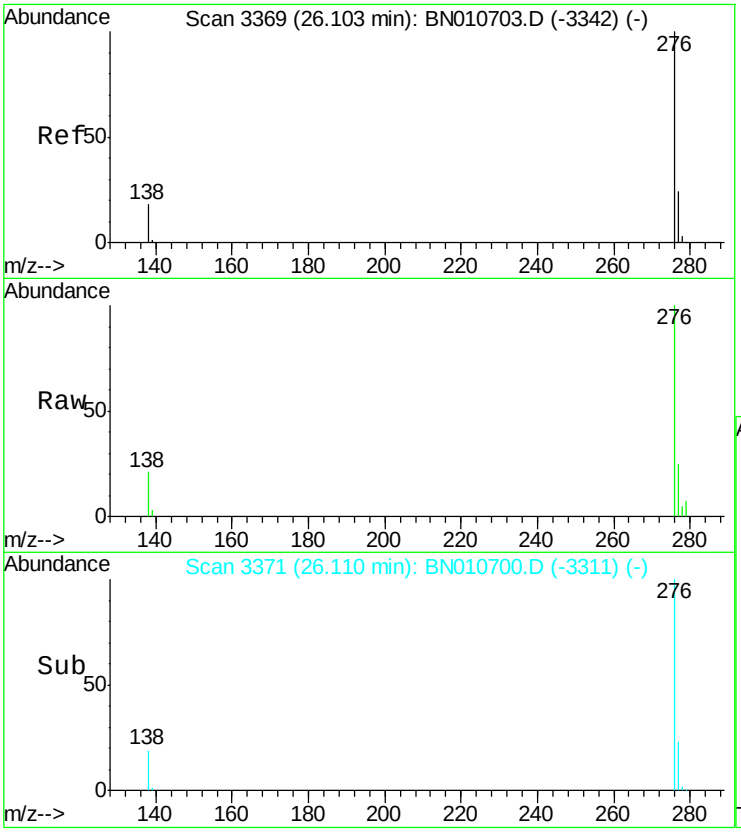


#38
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 25.48 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Tgt Ion:278 Resp: 11462

Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.4
279	30.4	25.1	37.7





#39
Benzo(g,h,i)perylene
Concen: 0.43 ng
RT: 26.11 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BN010700.D
Acq: 13 May 2020 09:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 14171

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.6	30.8
138	20.9	16.0	24.0