Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010851.D
Acq On : 12 Jun 2020 20:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 23 19:59:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2690	0.40	ng		0.02
7) Naphthalene-d8	10.30	136	9647	0.40	ng		0.03
13) Acenaphthene-d10	14.17	164	5233	0.40	ng		0.02
19) Phenanthrene-d10	16.92	188	10224	0.40	ng		0.01
27) Chrysene-d12	21.13	240	9714	0.40	ng		0.01
34) Perylene-d12	23.28	264	10413	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2537	0.49	ng		0.02
5) Phenol-d6	6.75	99	3058	0.50	ng		0.02
8) Nitrobenzene-d5	8.69	82	2909	0.41	ng		0.03
11) 2-Methylnaphthalene-d10	11.90	152	6267	0.42	ng		0.02
14) 2,4,6-Tribromophenol	15.68	330	746	0.40	ng		0.02
15) 2-Fluorobiphenyl	12.80	172	8488	0.41	ng		0.02
25) Fluoranthene-d10	18.96	212	11926	0.42	ng		0.02
29) Terphenyl-d14	19.57	244	9247	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1108	0.421	ng		97
3) n-Nitrosodimethylamine	3.56	42	617	0.403	ng	#	90
6) bis(2-Chloroethyl)ether	7.00	93	2833	0.475	ng		93
9) Naphthalene	10.35	128	10124	0.418	ng		99
10) Hexachlorobutadiene	10.65	225	2375	0.396	ng	#	99
12) 2-Methylnaphthalene	11.97	142	6781	0.418	ng		98
16) Acenaphthylene	13.89	152	8862	0.413	ng		99
17) Acenaphthene	14.24	154	6082	0.416	ng		98
18) Fluorene	15.23	166	7725	0.410	ng		99
20) 4-Bromophenyl-phenylether	16.12	248	2410	0.392	ng	#	81
21) Hexachlorobenzene	16.24	284	2747	0.429	ng		96
22) Pentachlorophenol	16.59	266	872	0.405	ng		97
23) Phenanthrene	16.96	178	11653	0.417	ng		100
24) Anthracene	17.06	178	9867	0.423	ng		99
26) Fluoranthene	18.99	202	13065	0.412	ng	#	98
28) Pyrene	19.36	202	13302	0.414	ng		100
30) Benzo(a)anthracene	21.11	228	12069	0.423	ng		98
31) Chrysene	21.16	228	13858	0.416	ng		98
32) Bis(2-ethylhexyl)phthalate	21.07	149	4725	0.496	ng		95
33) Indeno(1,2,3-cd)pyrene	25.39	276	16567	0.446	ng	#	95
35) Benzo(b)fluoranthene	22.65	252	13536	0.382	ng		98
36) Benzo(k)fluoranthene	22.65	252	13536	0.359	ng		99
37) Benzo(a)pyrene	23.19	252	12162	0.400	ng		97
38) Dibenzo(a,h)anthracene	25.41	278	13361	0.386	ng		96
39) Benzo(g,h,i)perylene	26.03	276	13710	0.379	ng		98

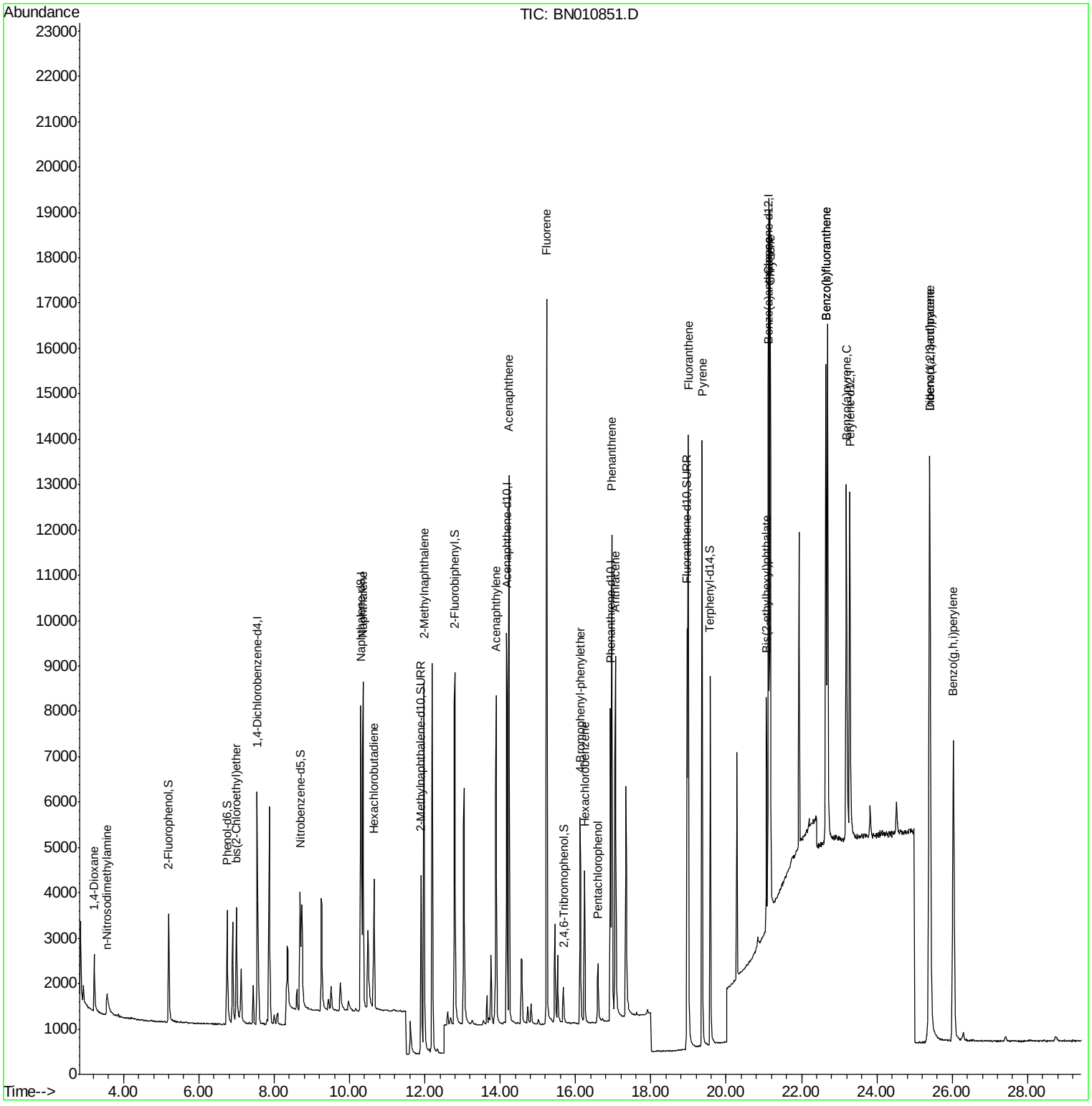
(#) = qualifier out of range (m) = manual integration (+) = signals summed

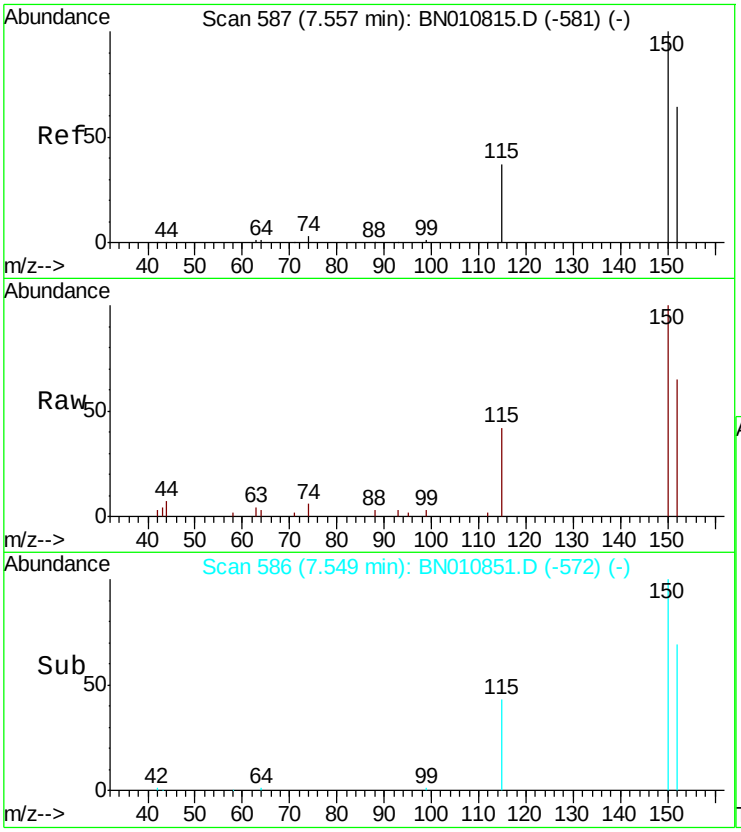
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010851.D
Acq On : 12 Jun 2020 20:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 23 19:59:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration



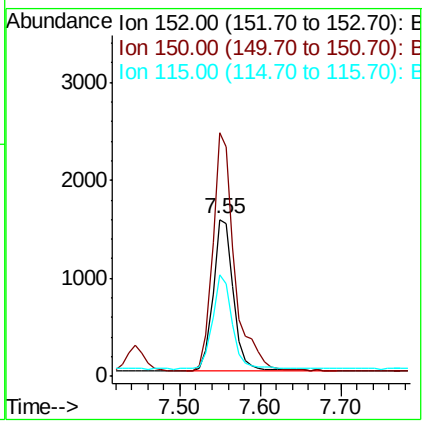


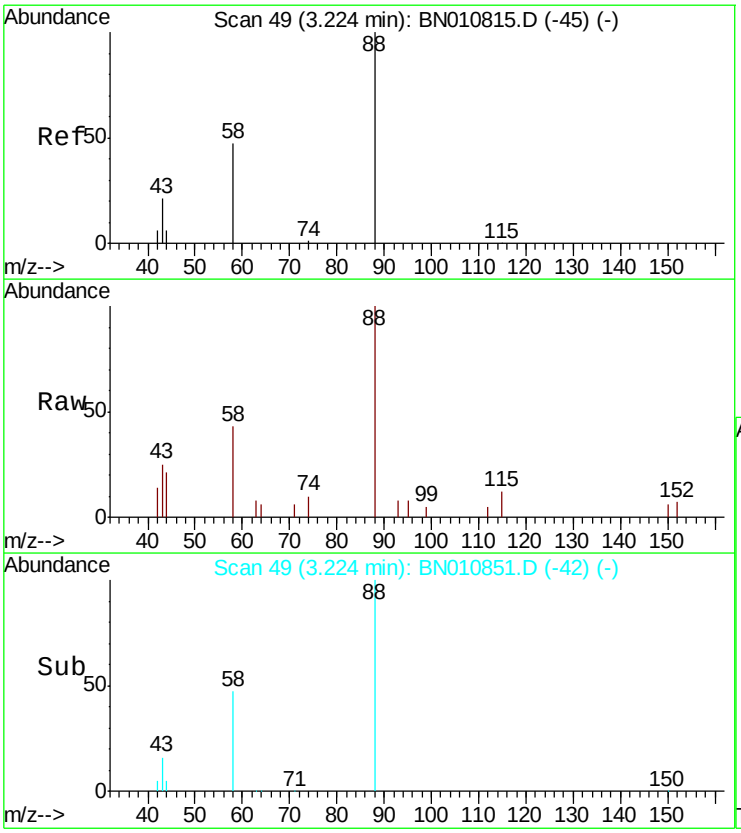
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2690

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	64.8	49.2	73.8

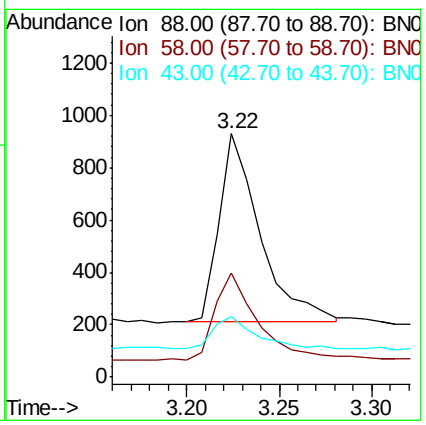


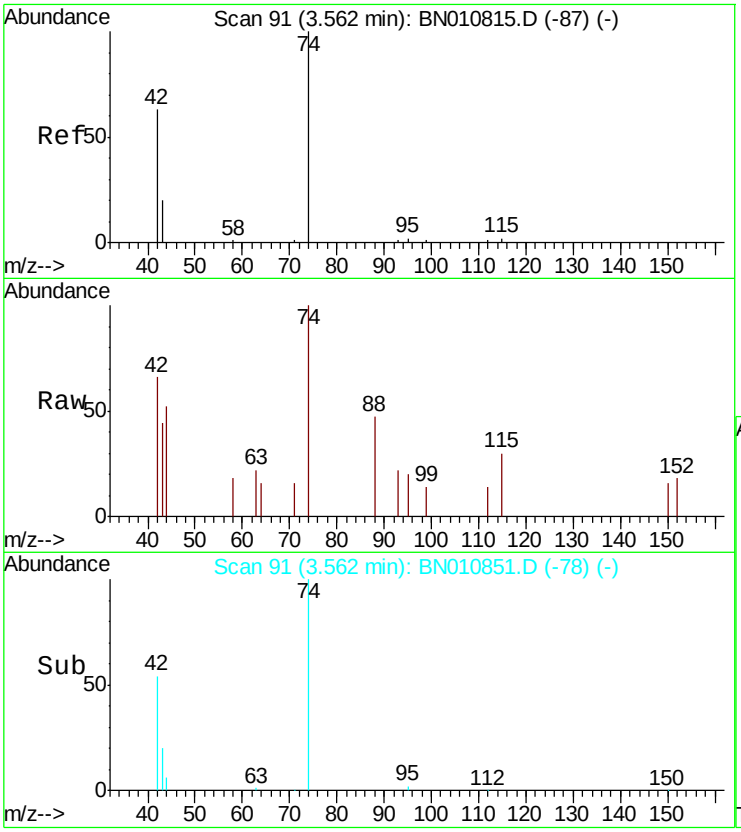


#2
1,4-Dioxane
Concen: 0.421 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion: 88 Resp: 1108

Ion	Ratio	Lower	Upper
88	100		
58	49.8	38.2	57.4
43	17.7	15.1	22.7



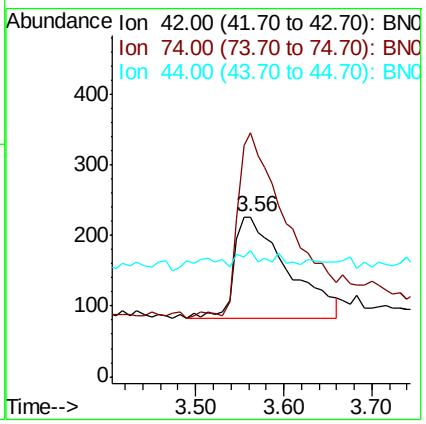


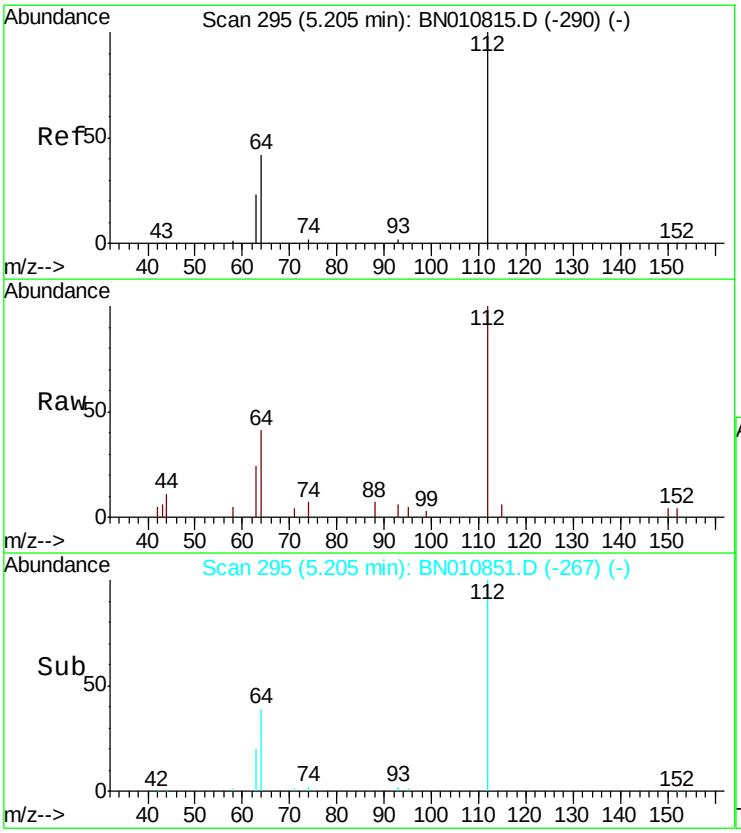
#3
n-Nitrosodimethylamine
Concen: 0.403 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 617

Ion	Ratio	Lower	Upper
42	100		
74	162.1	140.7	211.1
44	6.3	1.4	2.2#

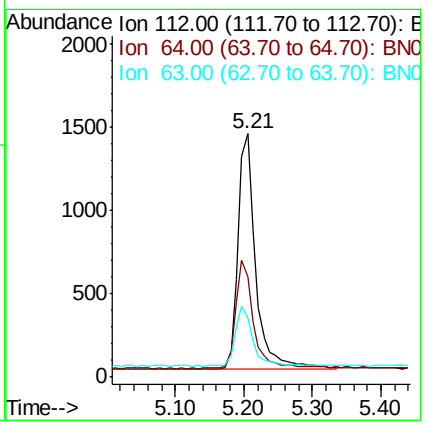


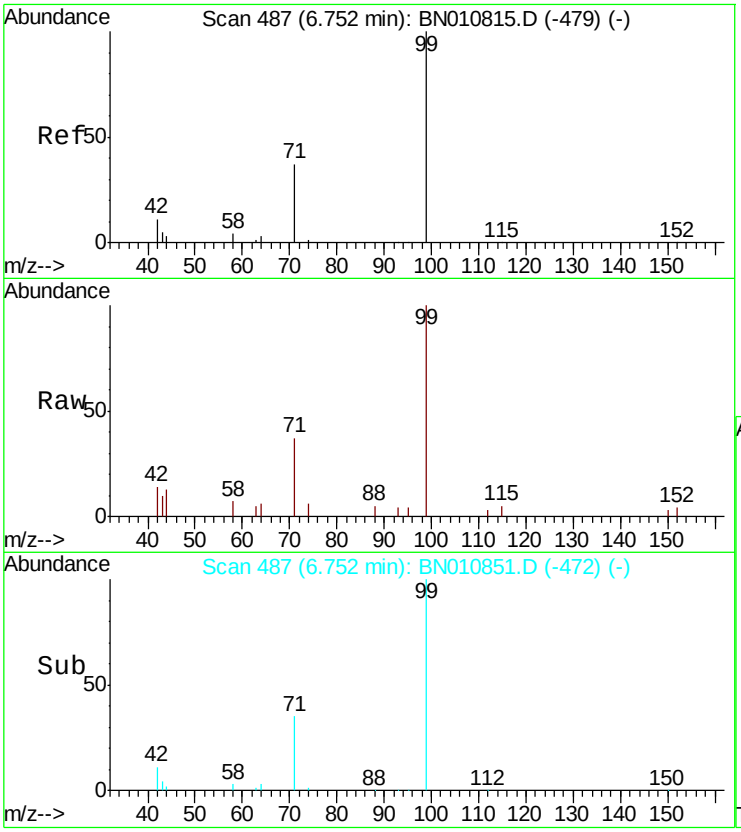


#4
2-Fluorophenol
Concen: 0.489 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:112 Resp: 2537

Ion	Ratio	Lower	Upper
112	100		
64	46.3	37.4	56.0
63	25.4	22.2	33.4



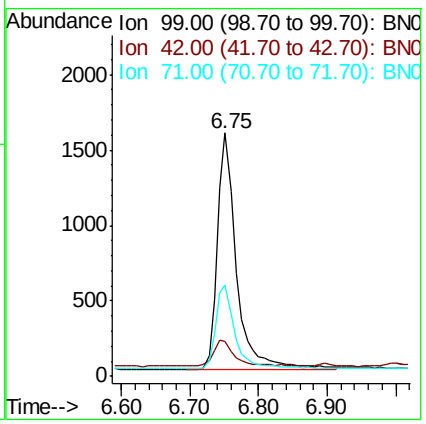


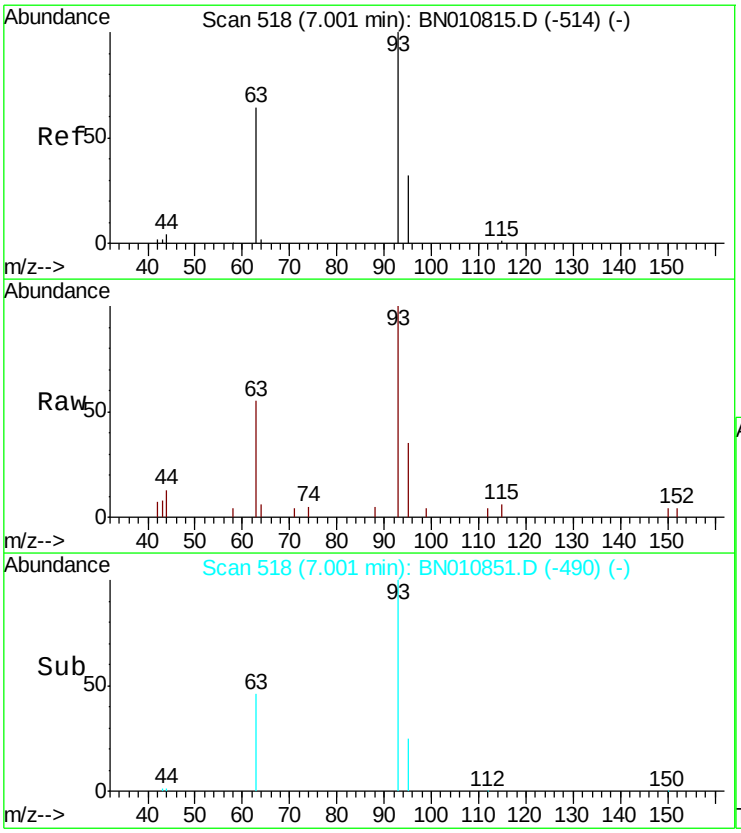
#5
Phenol-d6
Concen: 0.500 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3058

Ion	Ratio	Lower	Upper
99	100		
42	12.4	11.1	16.7
71	36.1	31.4	47.2

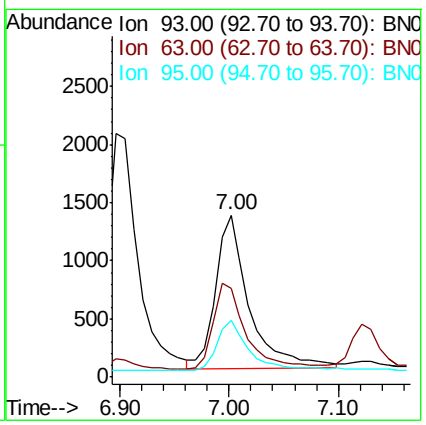


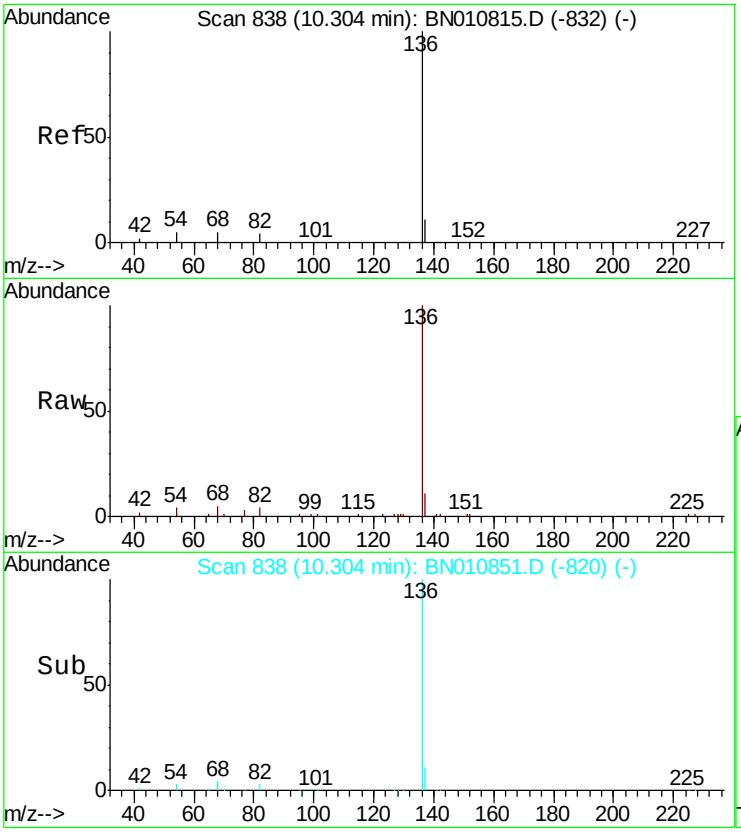


#6
bis(2-Chloroethyl)ether
Concen: 0.475 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion: 93 Resp: 2833

Ion	Ratio	Lower	Upper
93	100		
63	54.7	49.4	74.2
95	31.1	26.7	40.1



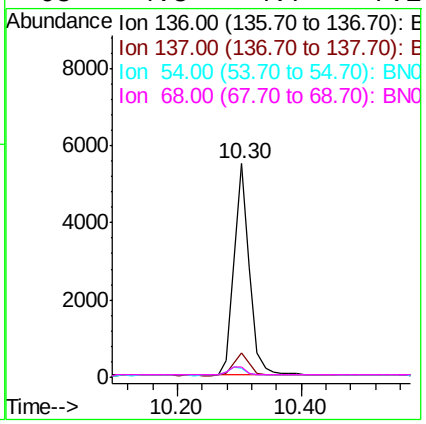


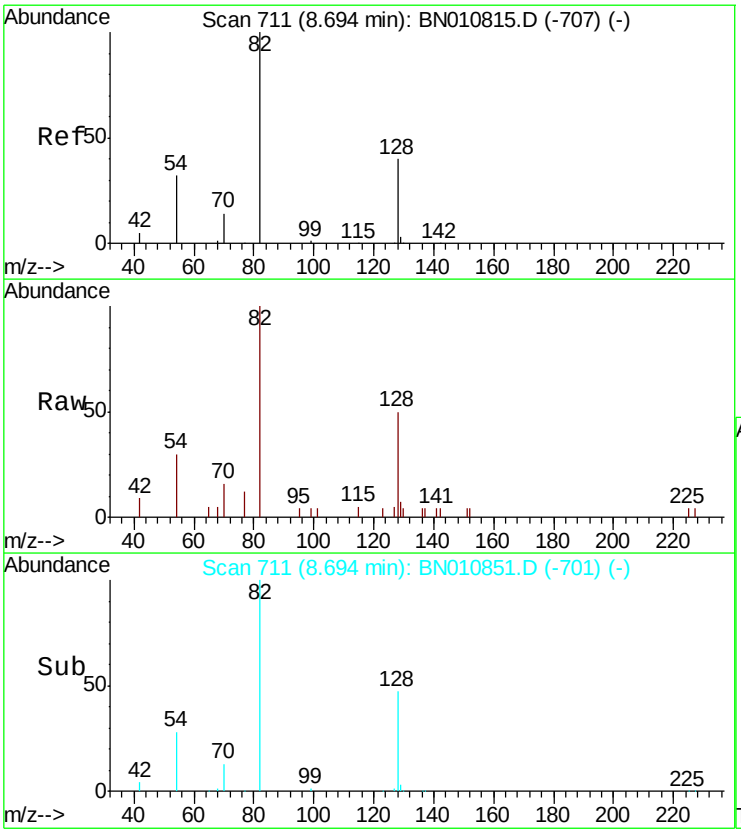
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.03 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 9647

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	4.1	4.9	7.3#
68	4.8	4.7	7.1

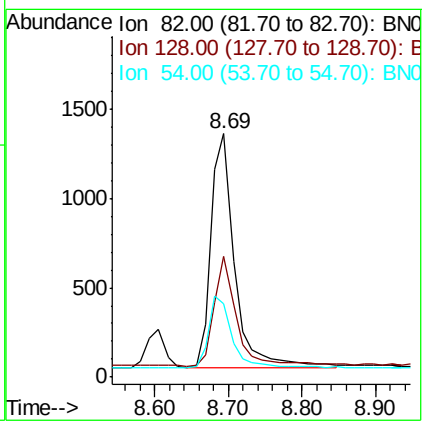


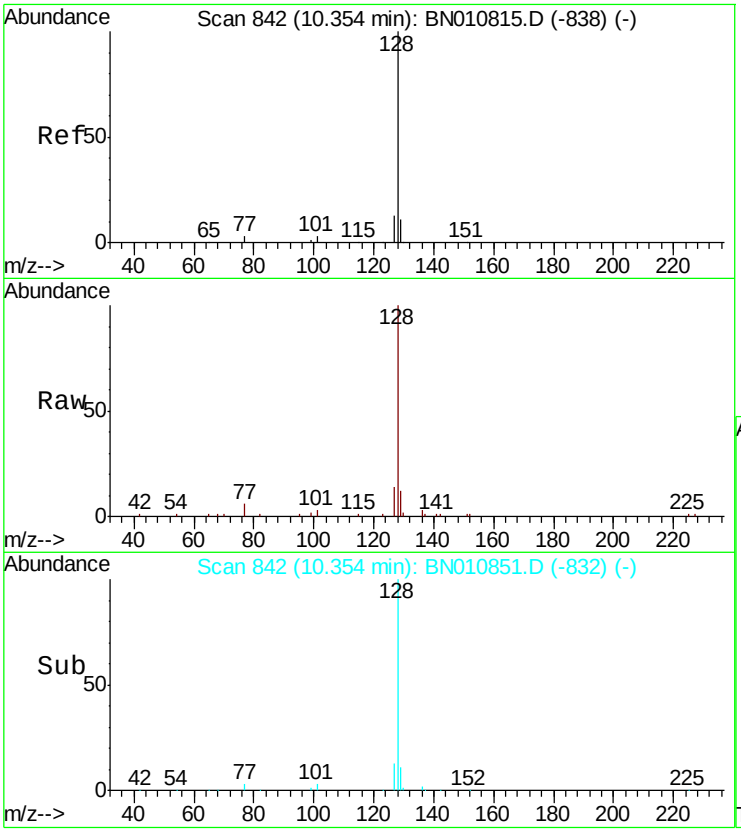


#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.03 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion: 82 Resp: 2909

Ion	Ratio	Lower	Upper
82	100		
128	49.9	35.4	53.0
54	30.4	28.2	42.4



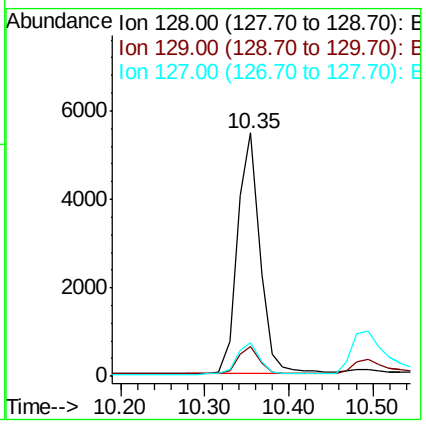


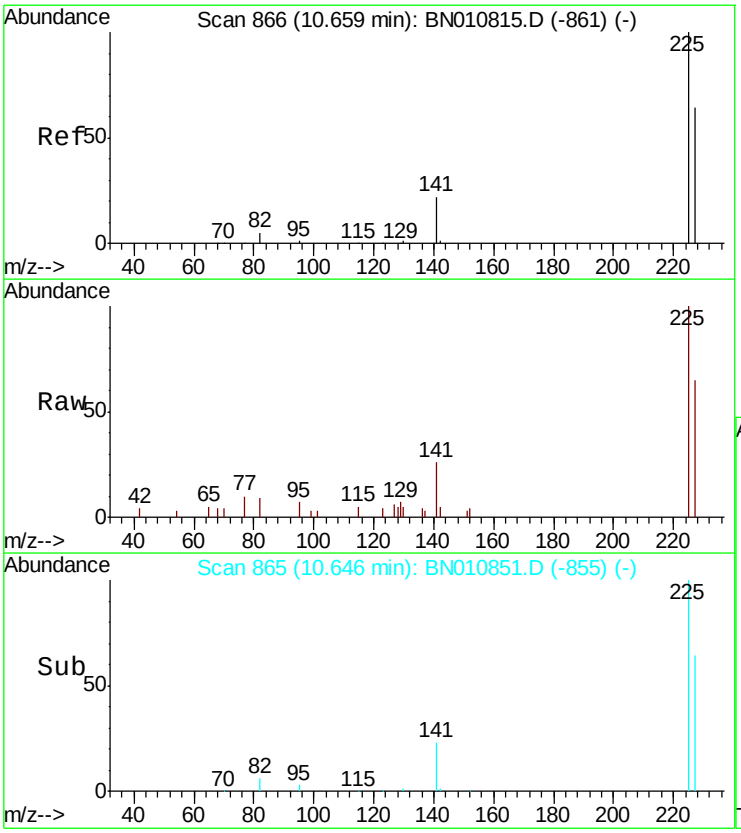
#9
Naphthalene
Concen: 0.418 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.03 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 10124

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	13.8	11.4	17.2

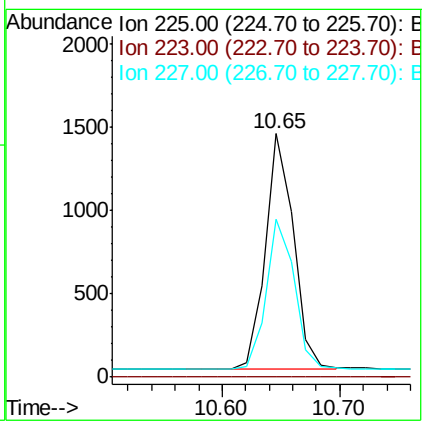


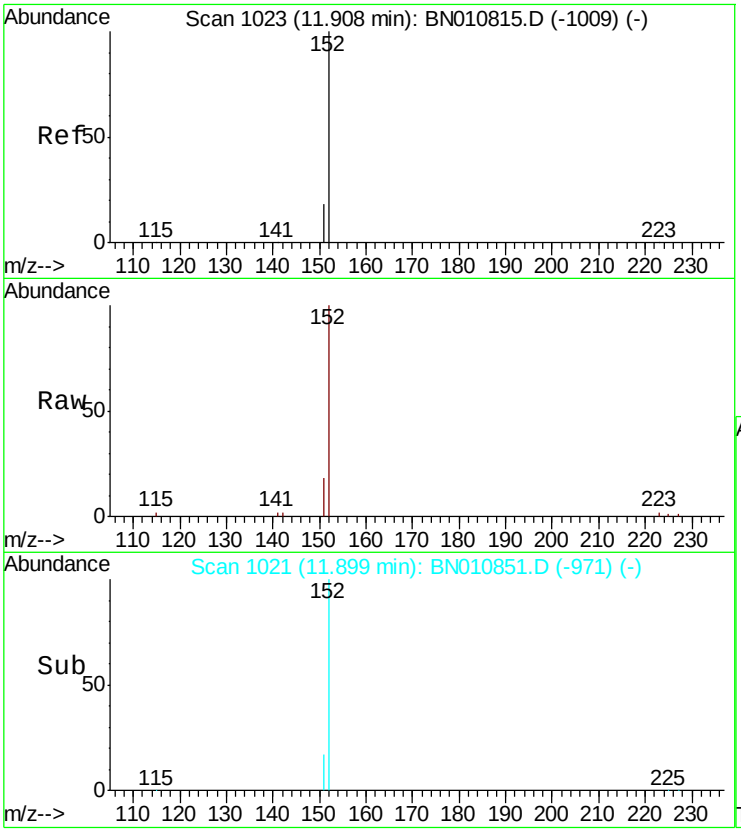


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 10.65 min Scan# 865
Delta R.T. 0.03 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:225 Resp: 2375

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.5	75.7



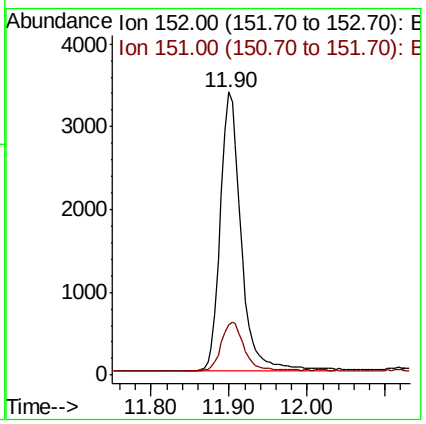


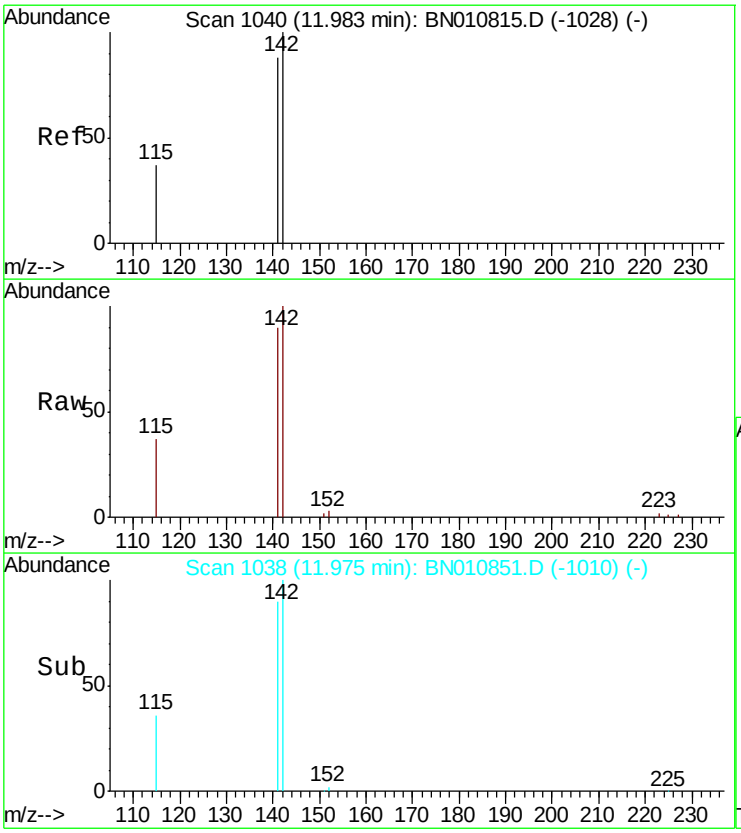
#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6267

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

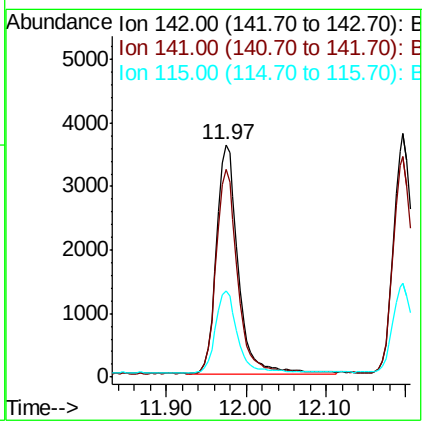


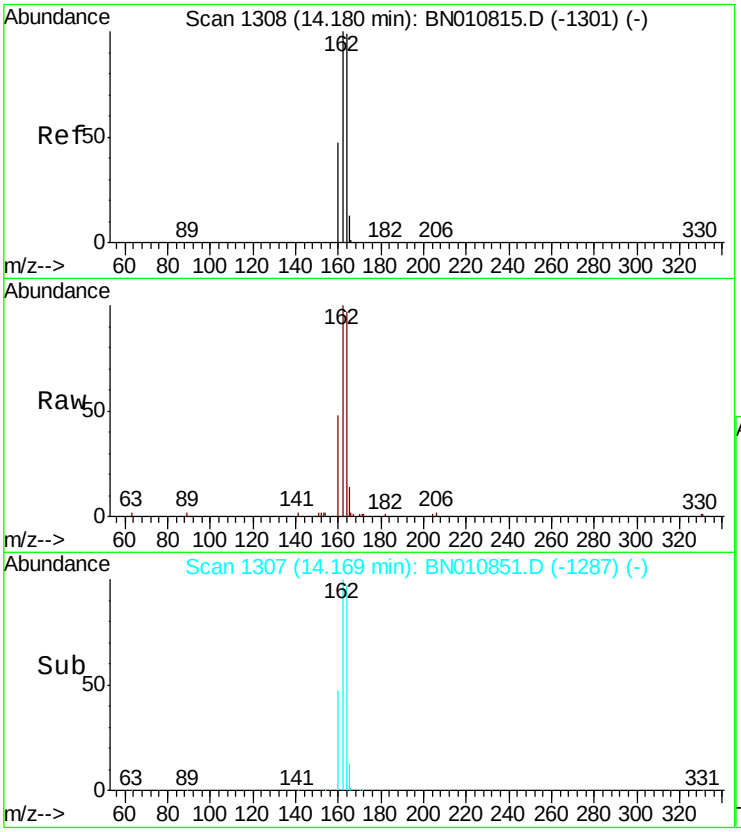


#12
2-Methylnaphthalene
Concen: 0.418 ng
RT: 11.97 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:142 Resp: 6781

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	37.3	31.5	47.3



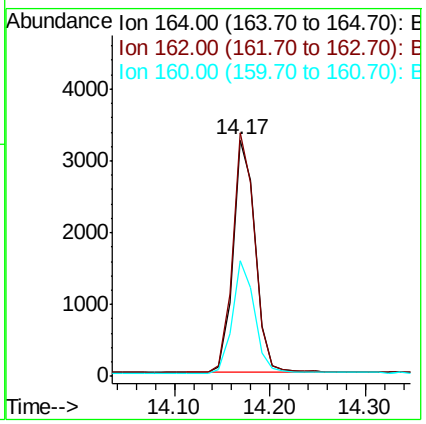


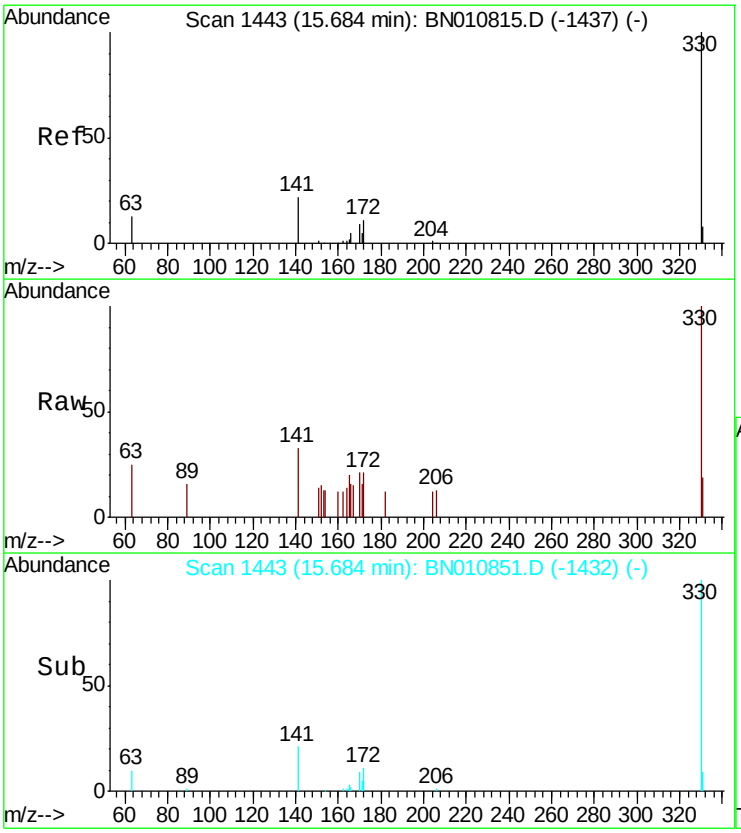
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 5233

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.0	121.6
160	49.1	38.9	58.3

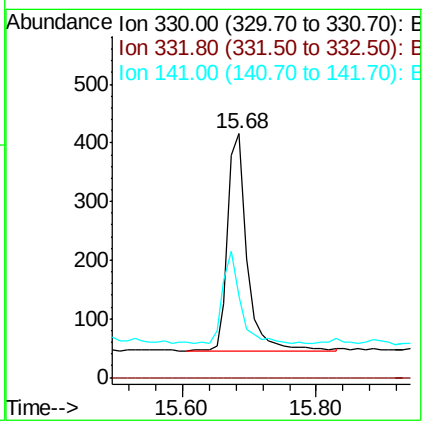


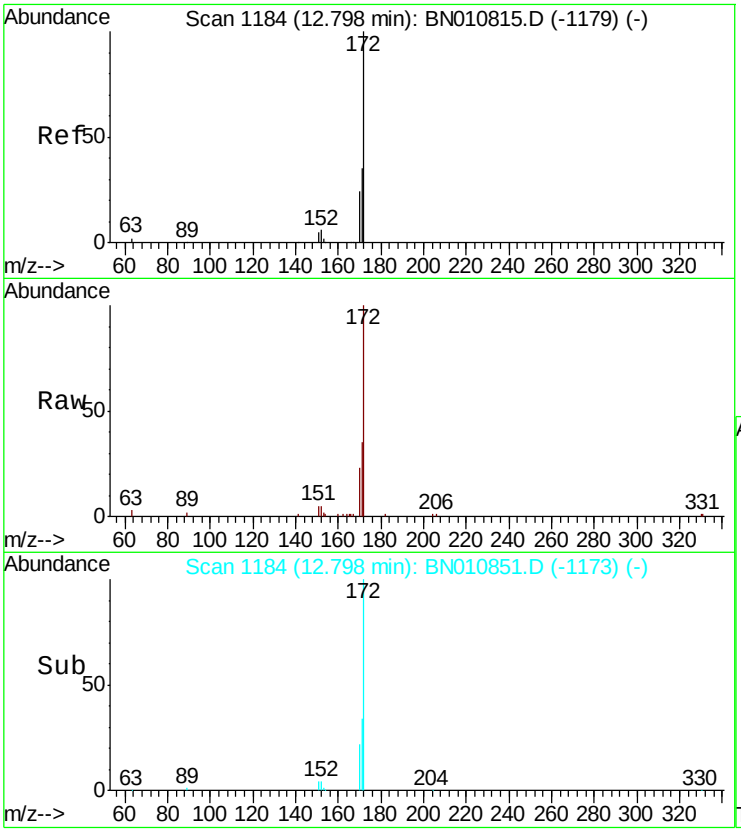


#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:330 Resp: 746

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	33.2	49.8



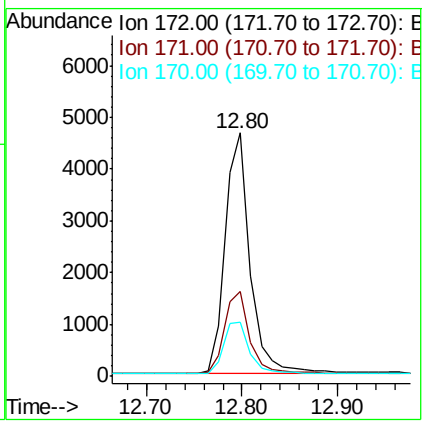


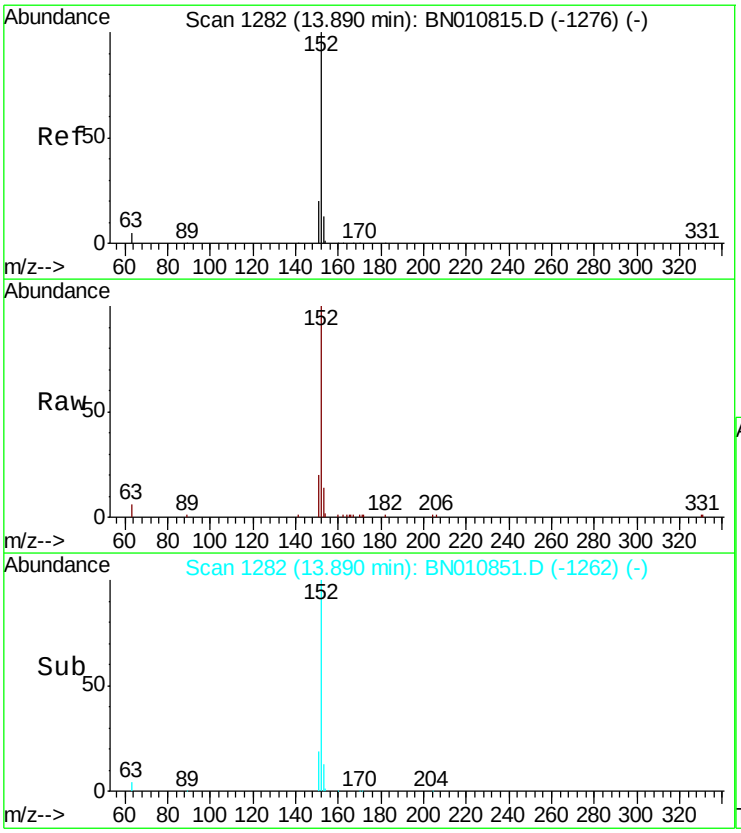
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 8488

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	22.5	19.7	29.5

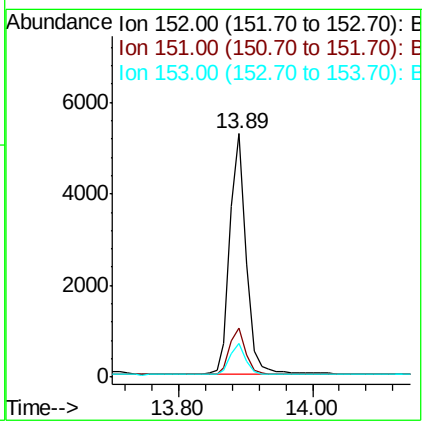


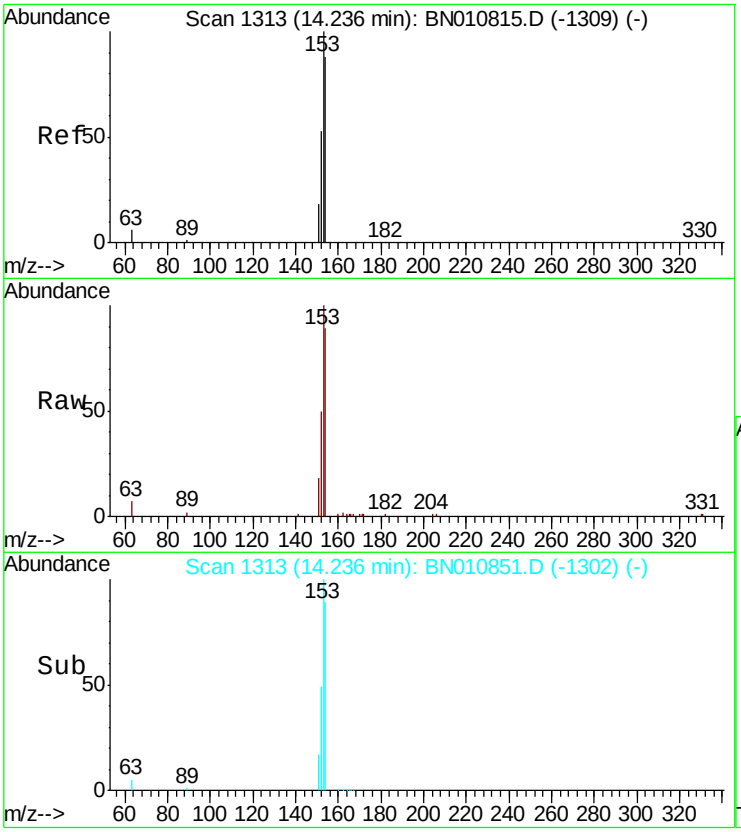


#16
Acenaphthylene
Concen: 0.413 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:152 Resp: 8862

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	12.9	10.6	16.0



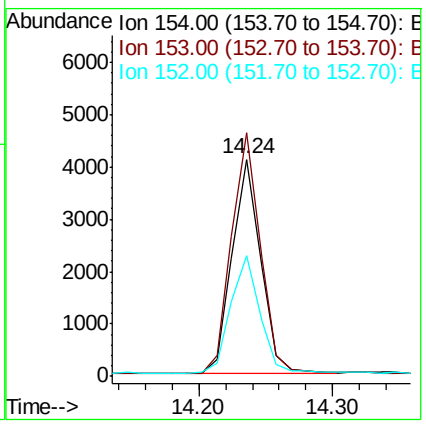


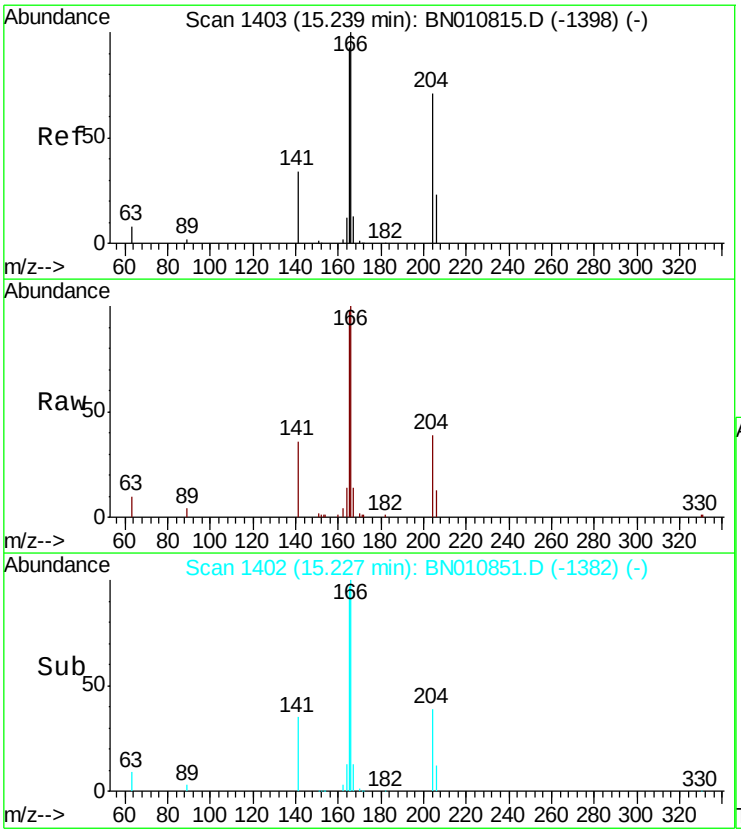
#17
Acenaphthene
Concen: 0.416 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 6082

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.8	137.6
152	56.6	47.6	71.4

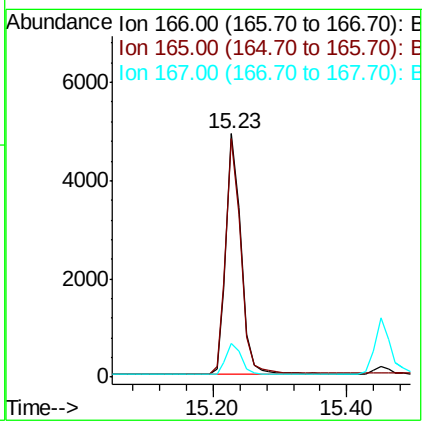


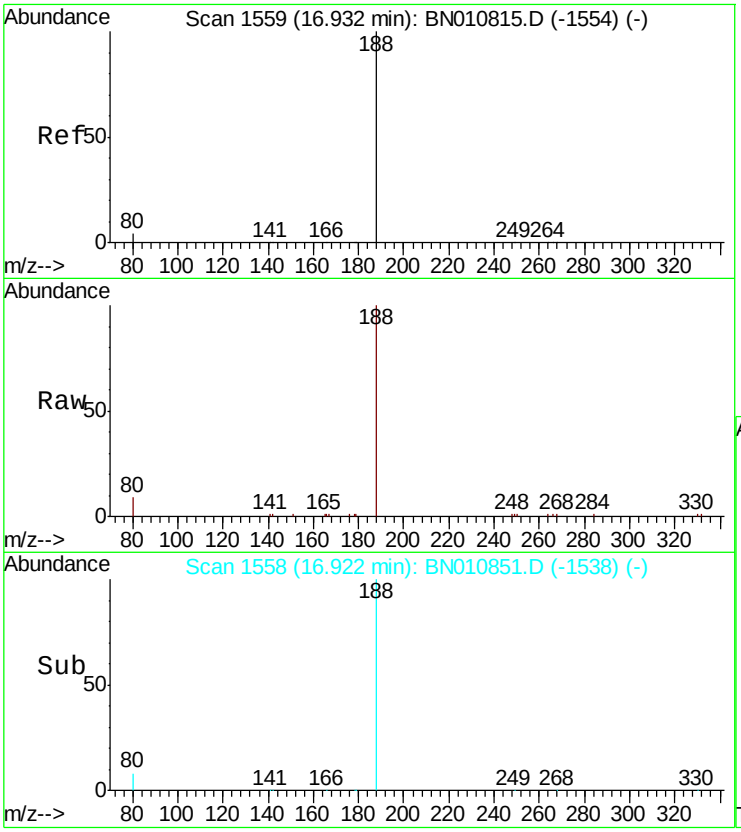


#18
Fluorene
Concen: 0.410 ng
RT: 15.23 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:166 Resp: 7725

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.2	115.8
167	13.4	10.7	16.1



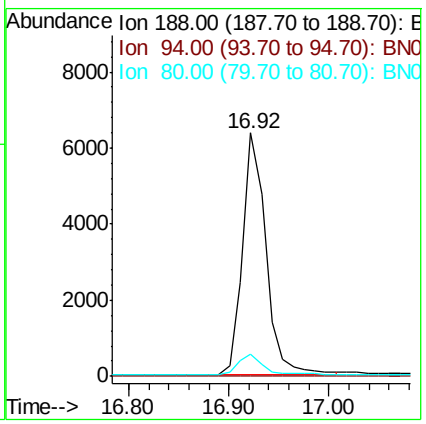


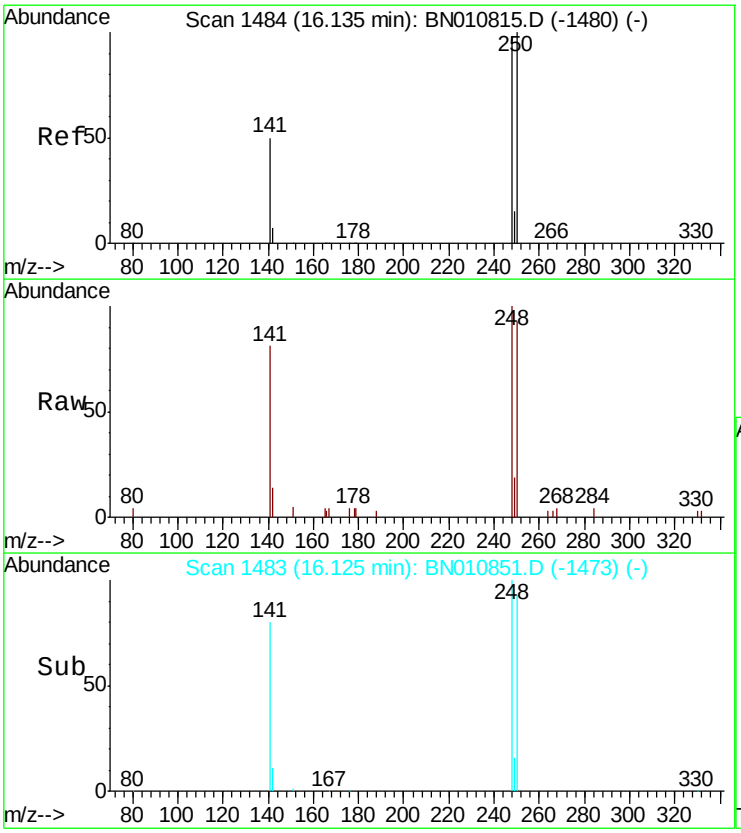
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 10224

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	4.5	6.7#

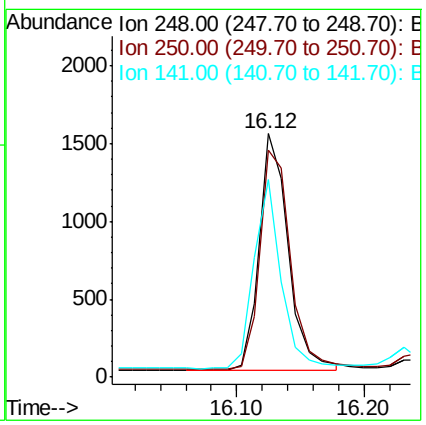


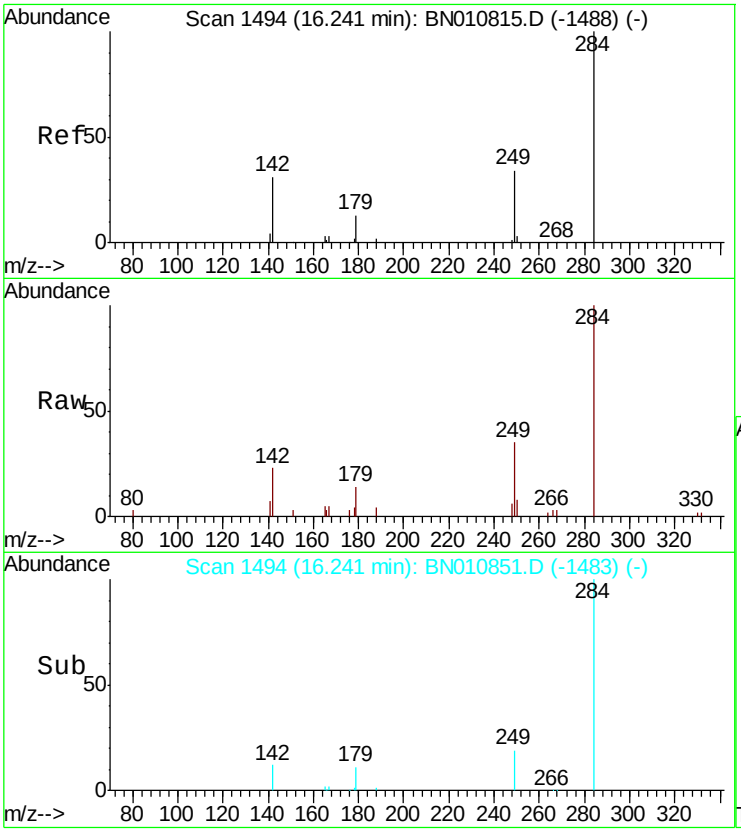


#20
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:248 Resp: 2410

Ion	Ratio	Lower	Upper
248	100		
250	93.4	81.8	122.8
141	81.2	42.6	64.0#



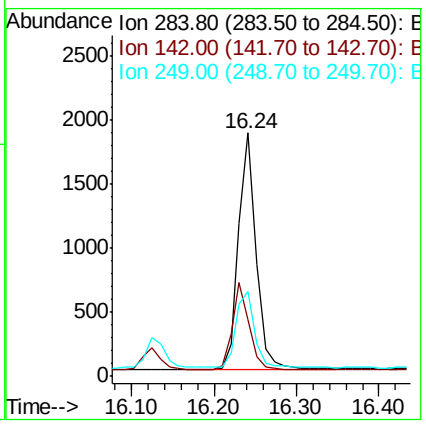


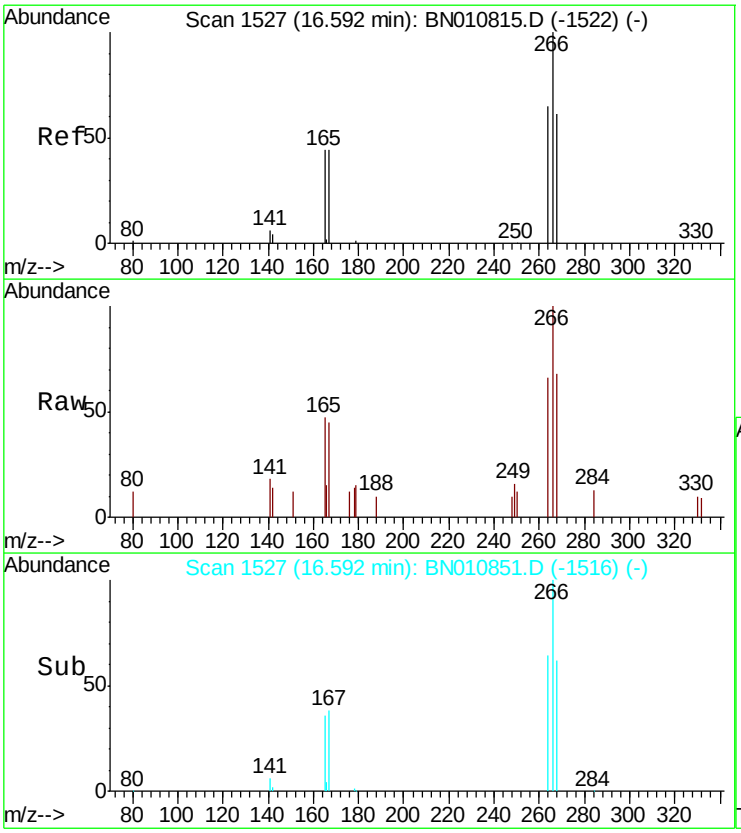
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2747

Ion	Ratio	Lower	Upper
284	100		
142	35.0	31.0	46.4
249	34.4	27.1	40.7

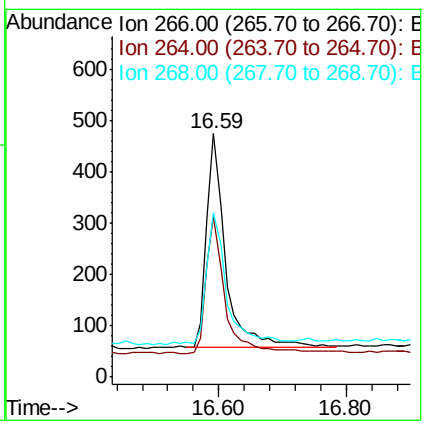


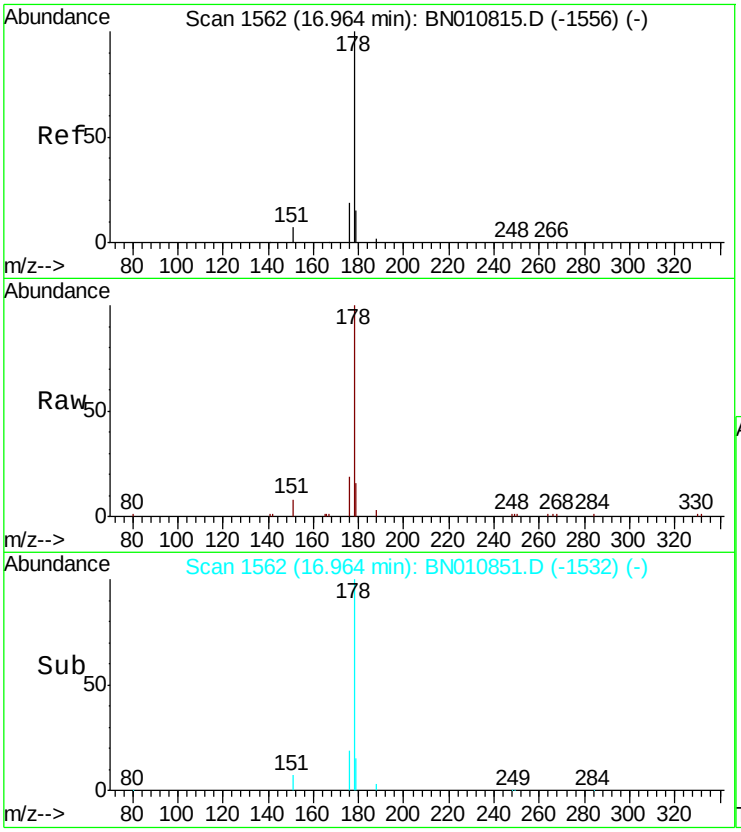


#22
Pentachlorophenol
Concen: 0.405 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:266 Resp: 872

Ion	Ratio	Lower	Upper
266	100		
264	66.0	54.8	82.2
268	67.7	55.9	83.9



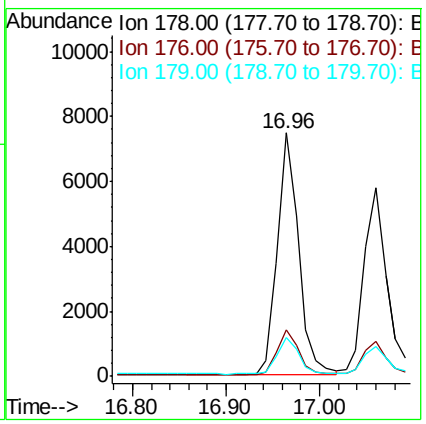


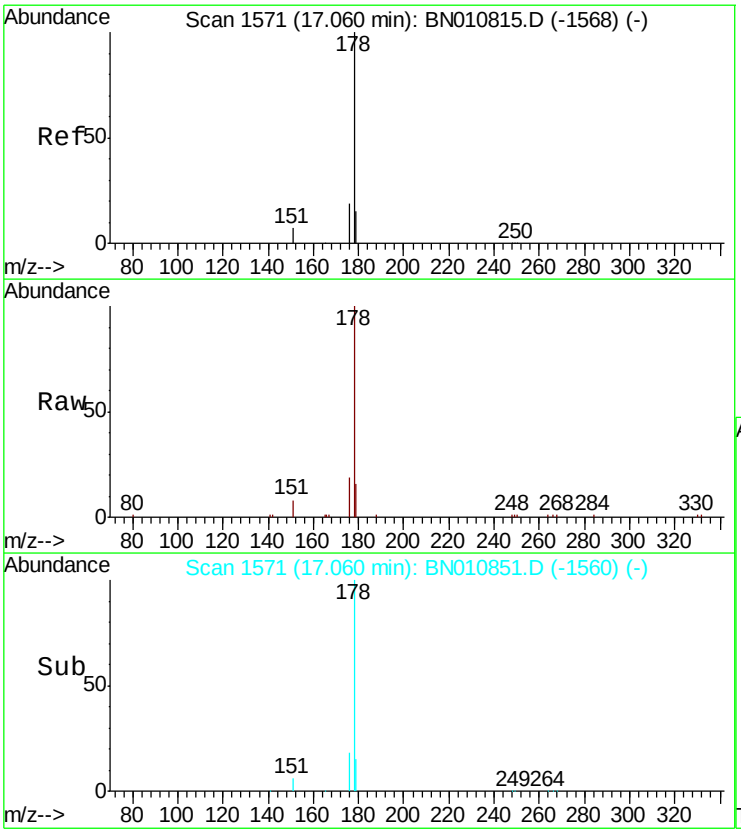
#23
Phenanthrene
Concen: 0.417 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 11653

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.8	12.6	19.0

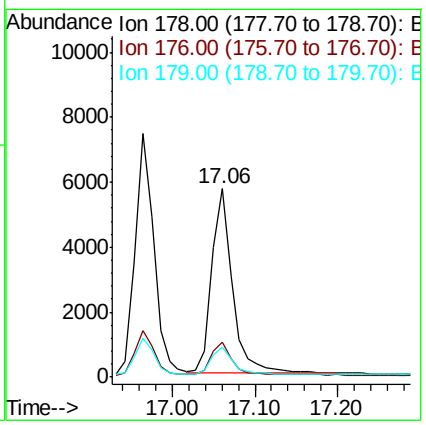


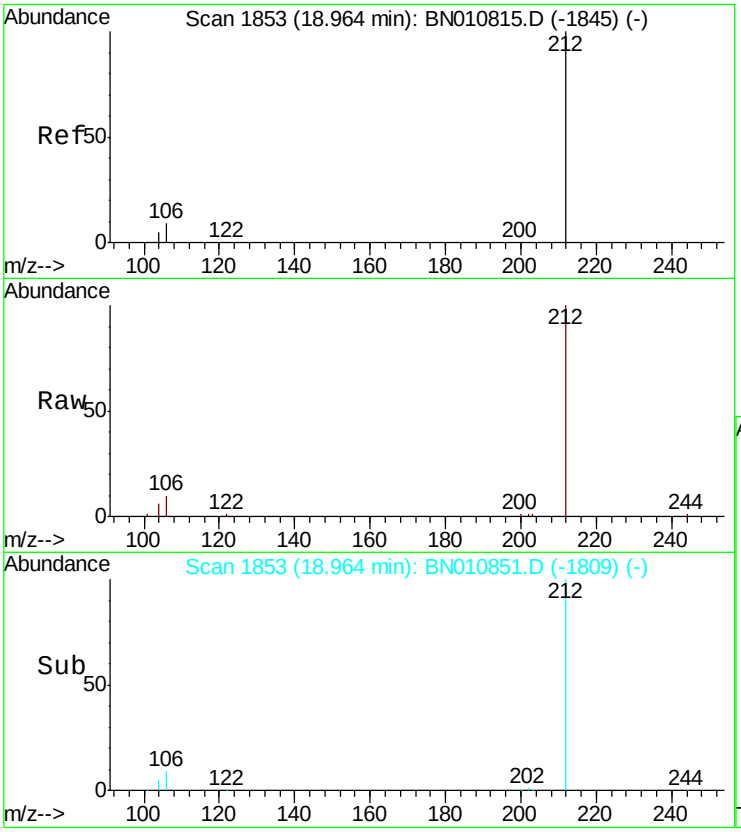


#24
Anthracene
Concen: 0.423 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:178 Resp: 9867

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	14.8	12.3	18.5



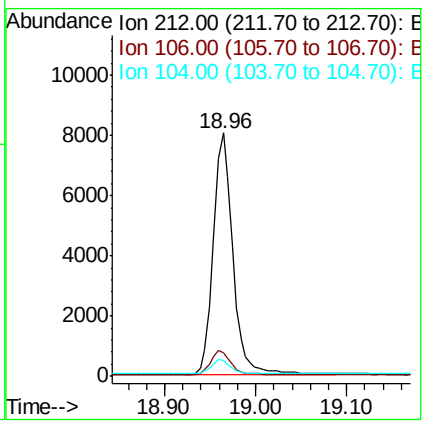


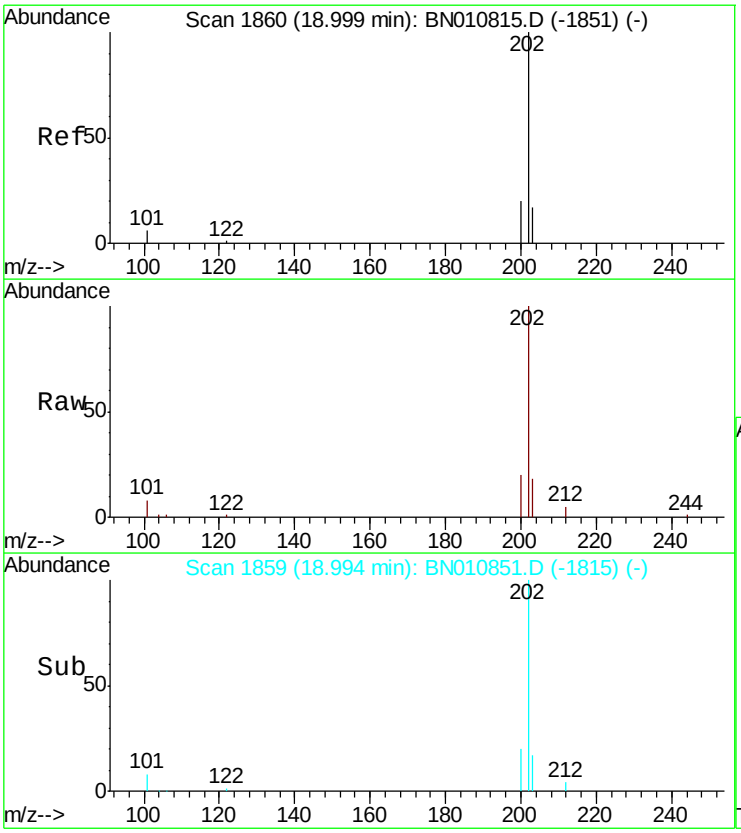
#25
Fluoranthene-d10
Concen: 0.423 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 11926

Ion	Ratio	Lower	Upper
212	100		
106	10.1	6.6	10.0#
104	6.0	4.0	6.0

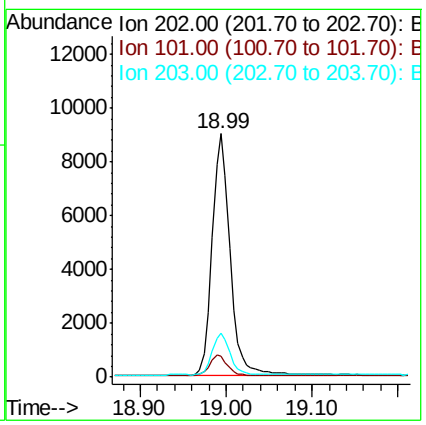


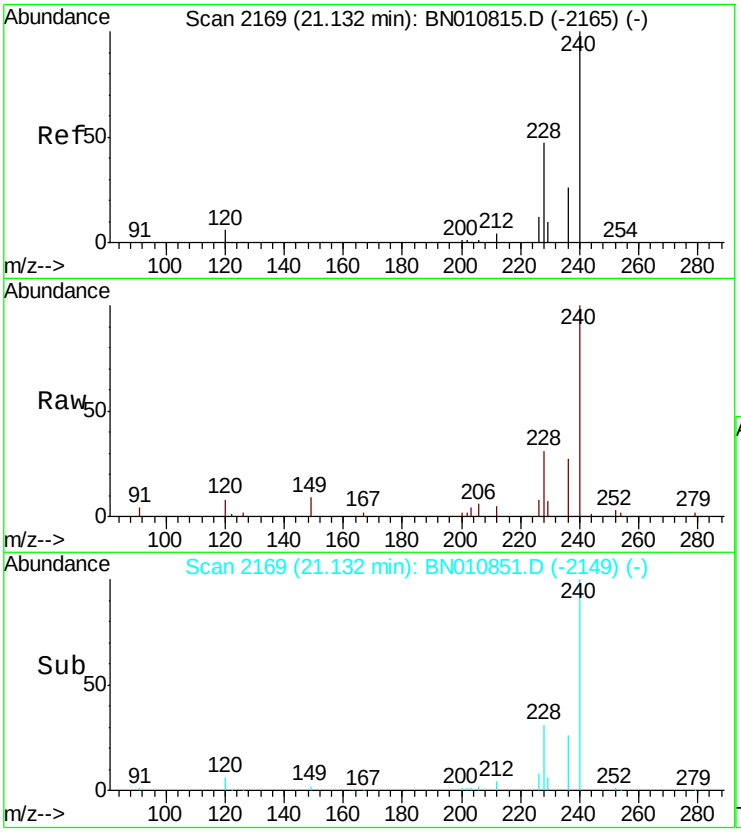


#26
Fluoranthene
Concen: 0.412 ng
RT: 18.99 min Scan# 1859
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:202 Resp: 13065

Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.8	8.6#
203	17.3	13.7	20.5



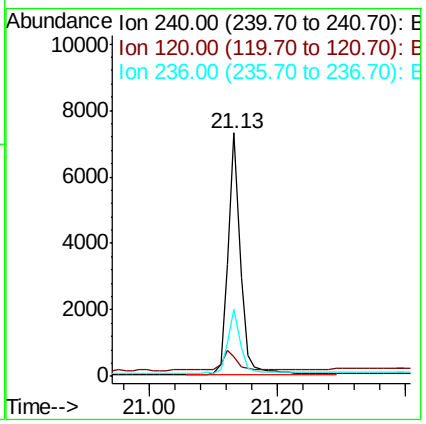


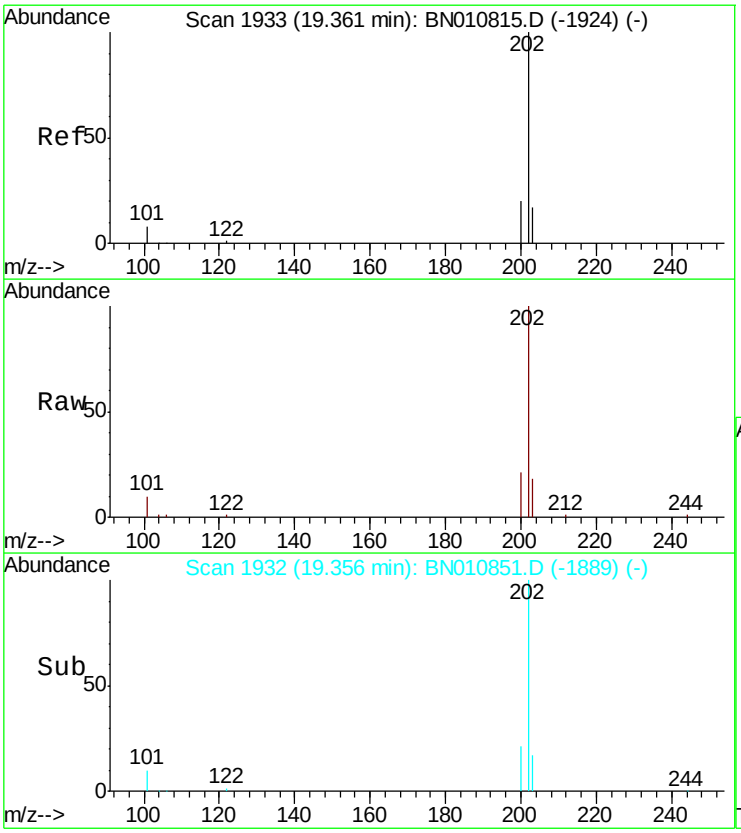
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 9714

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.5	11.3
236	27.3	22.3	33.5

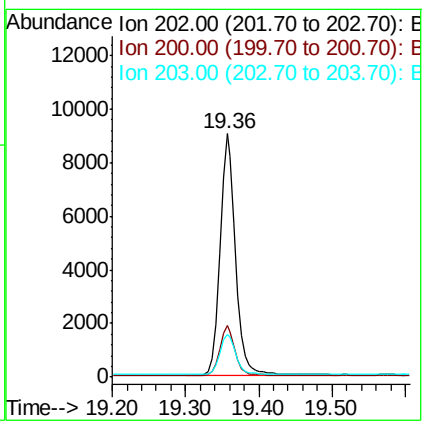


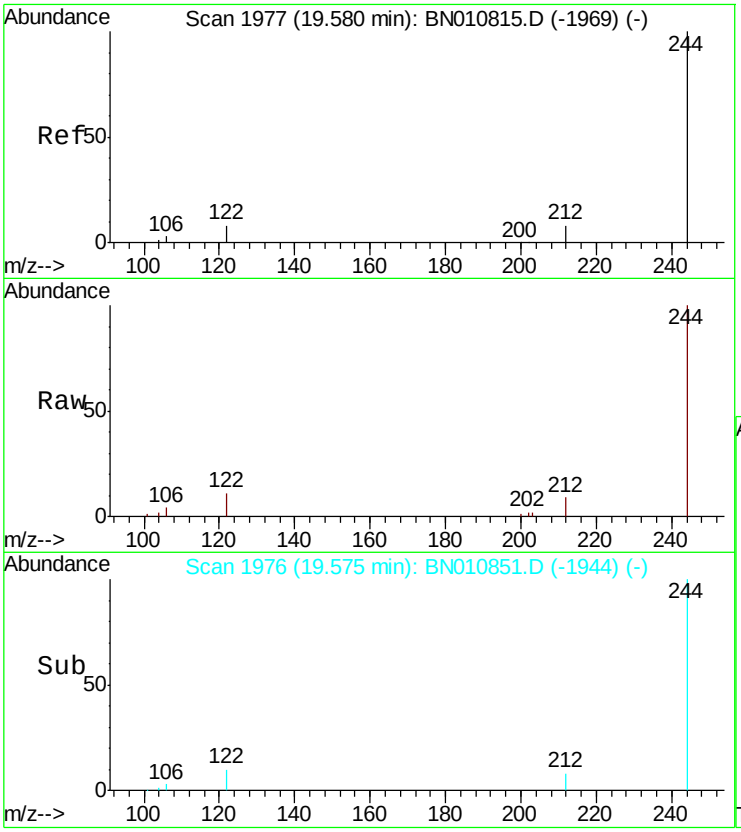


#28
Pyrene
Concen: 0.414 ng
RT: 19.36 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:202 Resp: 13302

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.4	14.2	21.4



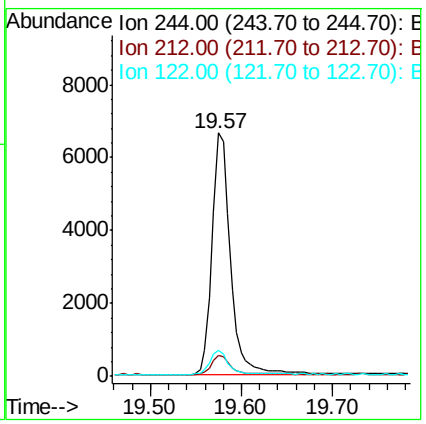


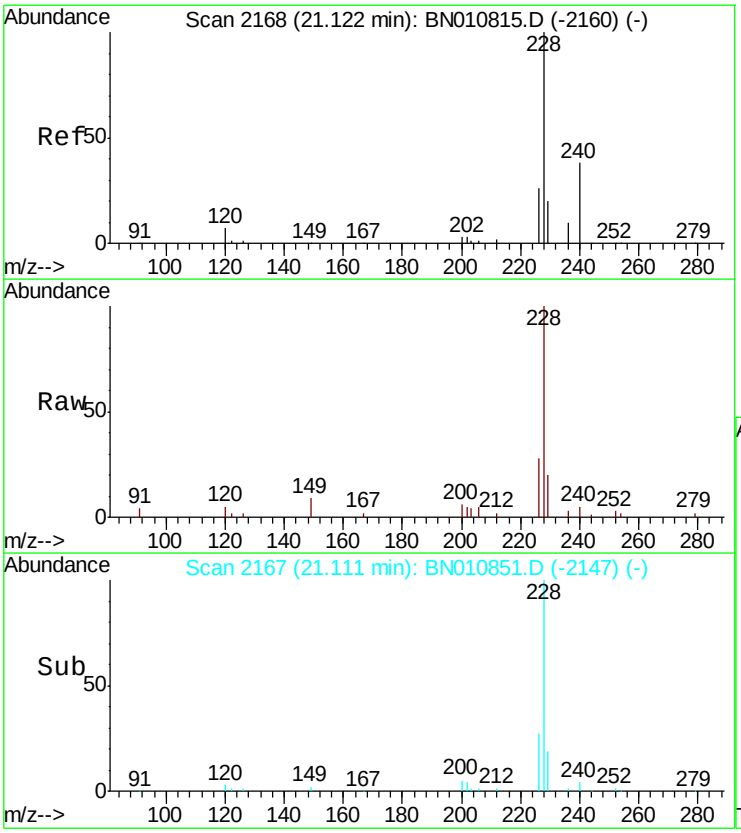
#29
Terphenyl-d14
Concen: 0.407 ng
RT: 19.57 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 9247

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.2
122	10.5	7.5	11.3

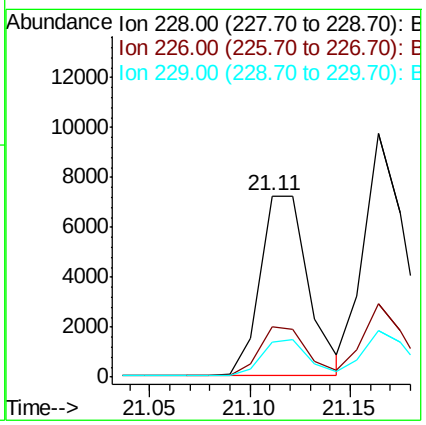


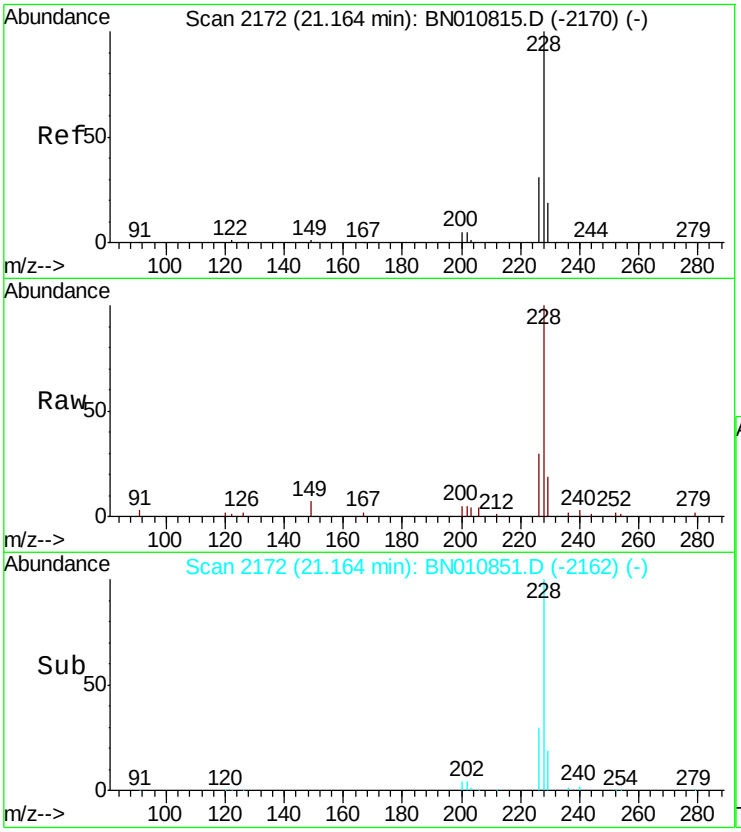


#30
Benzo(a)anthracene
Concen: 0.423 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:228 Resp: 12069

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.3	31.9
229	19.5	16.6	24.8



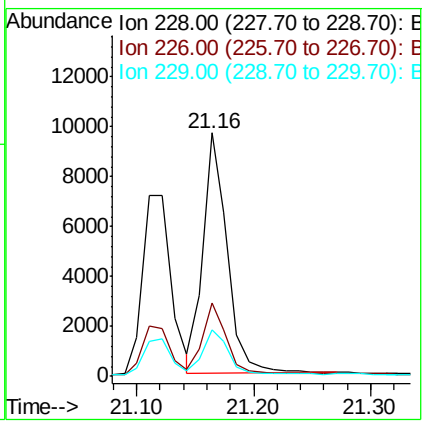


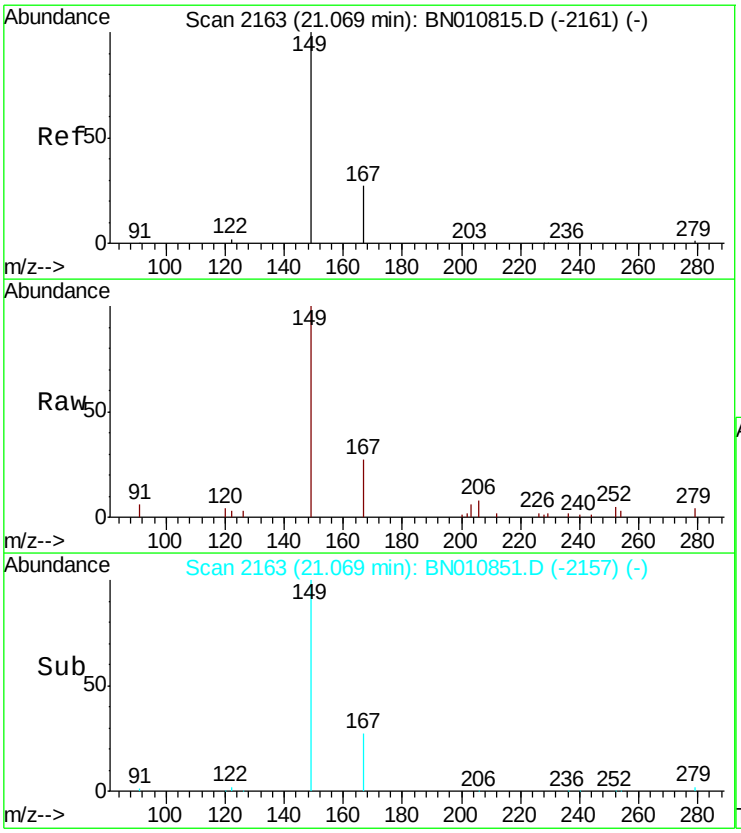
#31
Chrysene
Concen: 0.416 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 13858

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.3	16.1	24.1

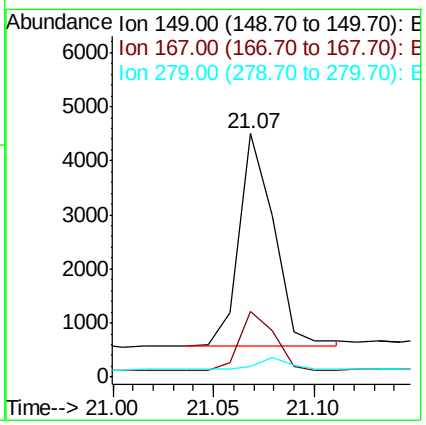


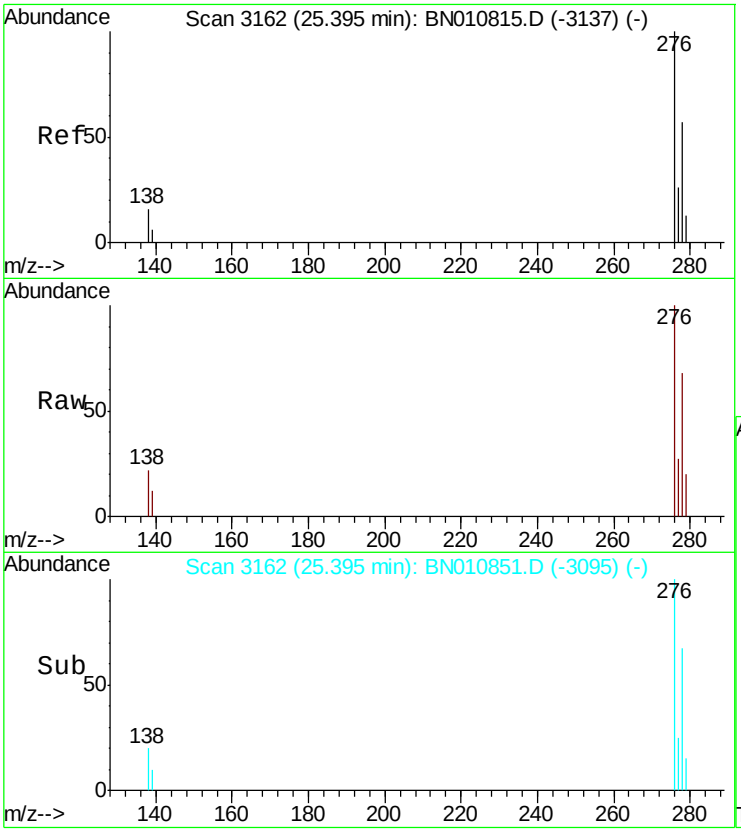


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.496 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:149 Resp: 4725

Ion	Ratio	Lower	Upper
149	100		
167	27.2	24.1	36.1
279	5.1	4.6	7.0



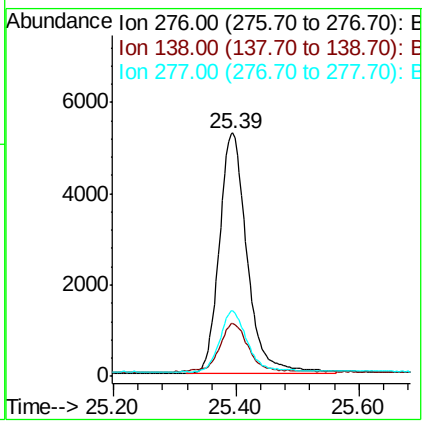


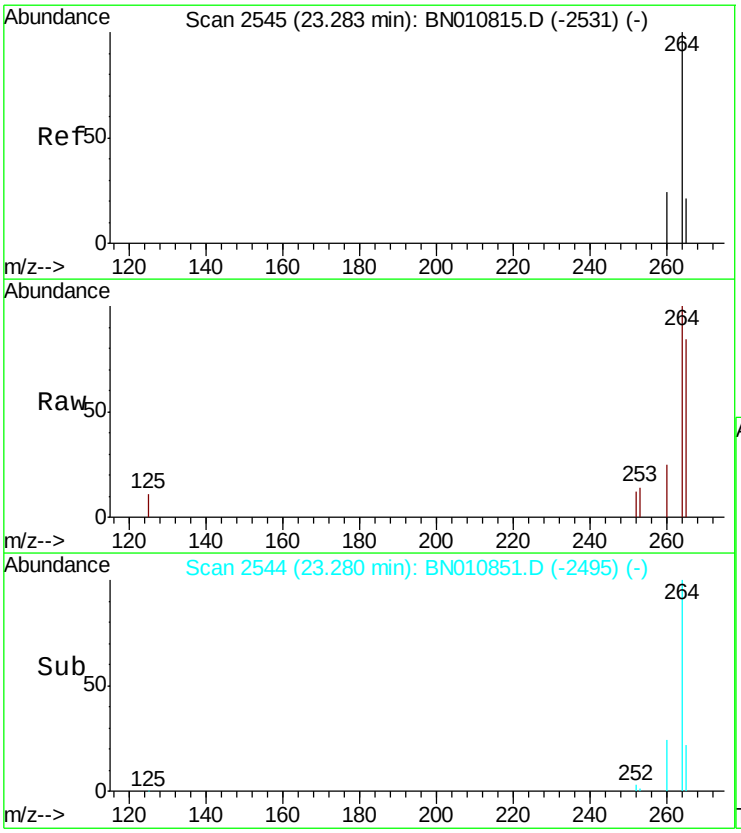
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 25.39 min Scan# 3162
Delta R.T. 0.03 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 16567

Ion	Ratio	Lower	Upper
276	100		
138	20.9	13.0	19.6#
277	24.4	19.7	29.5

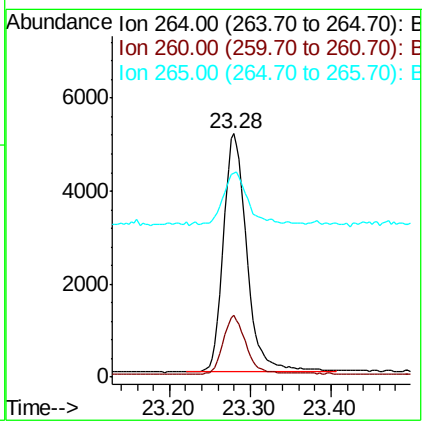


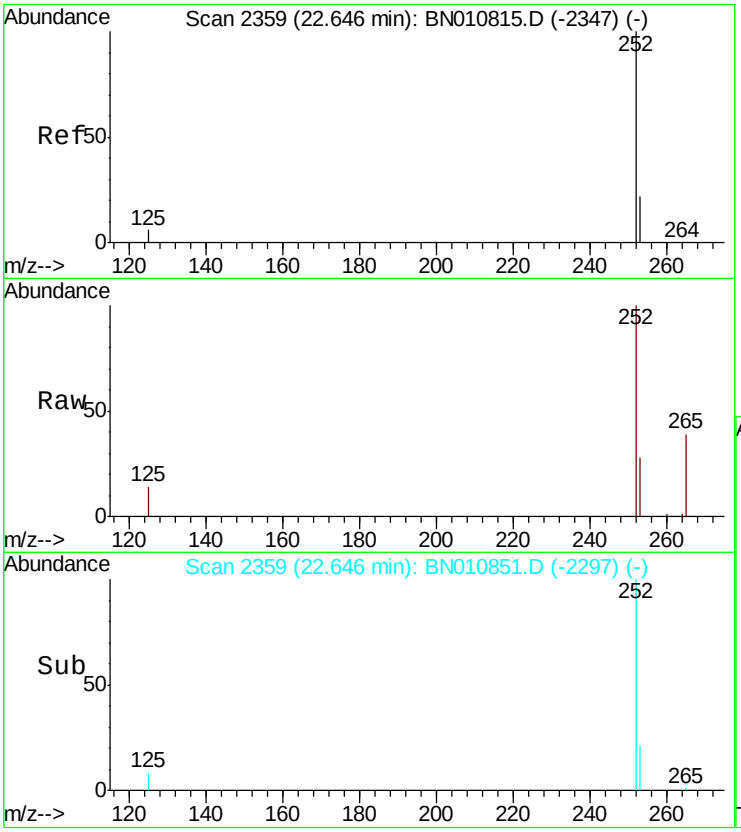


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:264 Resp: 10413

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	84.0	75.0	112.4



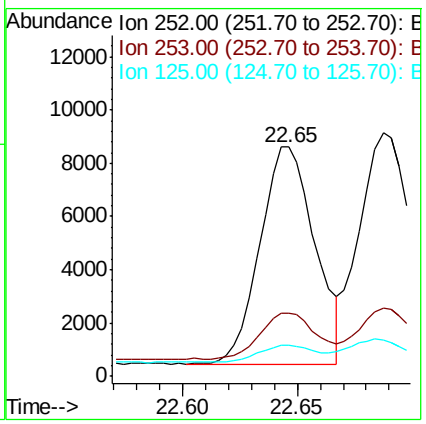


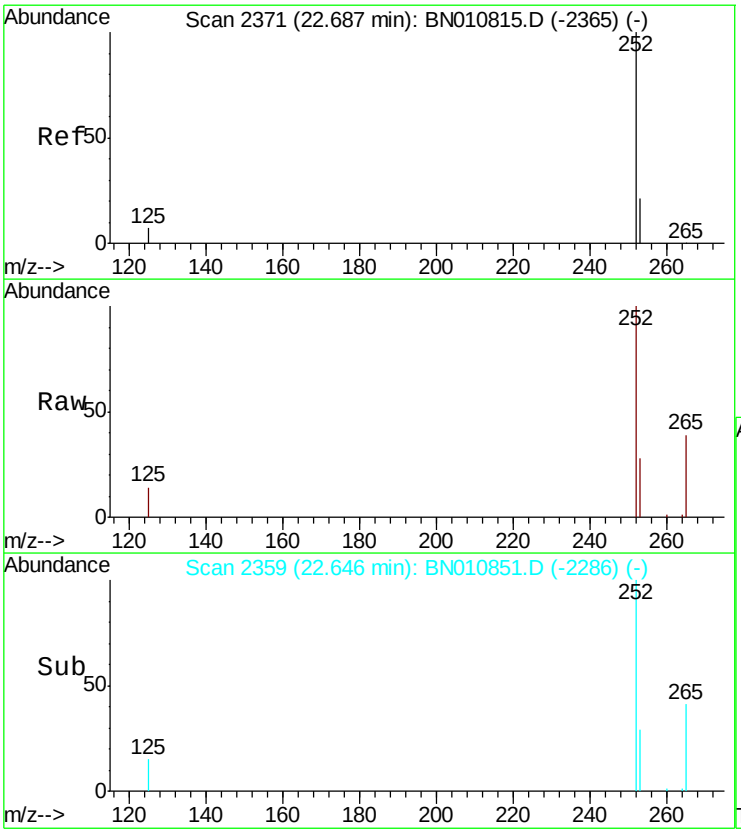
#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.65 min Scan# 2359
Delta R.T. 0.01 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13536

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.4	33.6
125	13.7	9.4	14.0

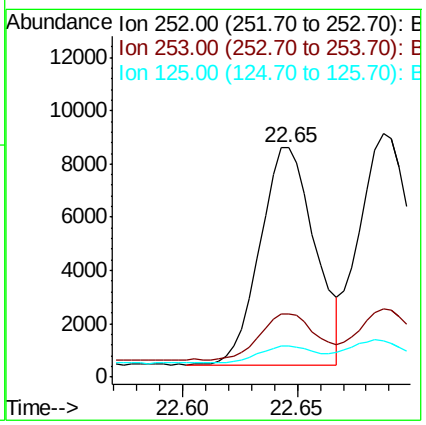


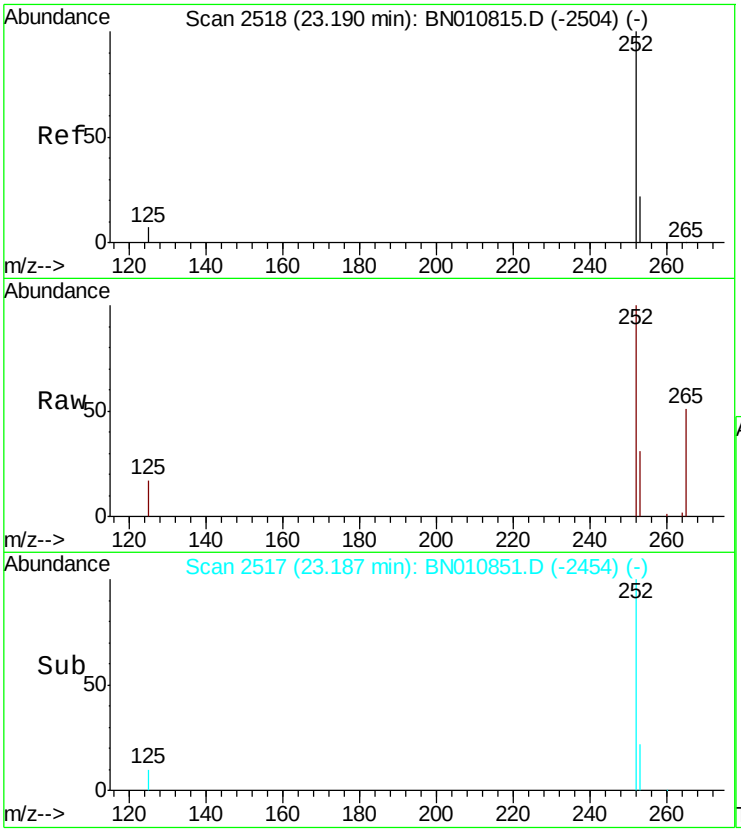


#36
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 22.65 min Scan# 2359
Delta R.T. -0.03 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:252 Resp: 13536

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.2	33.4
125	13.7	9.8	14.8



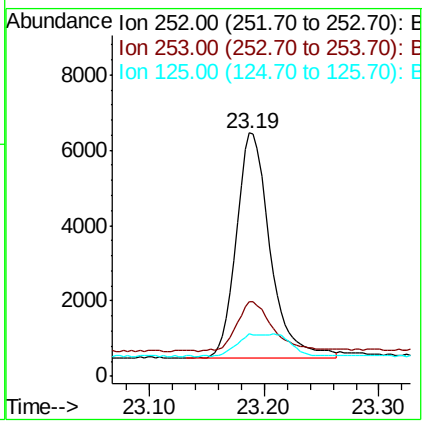


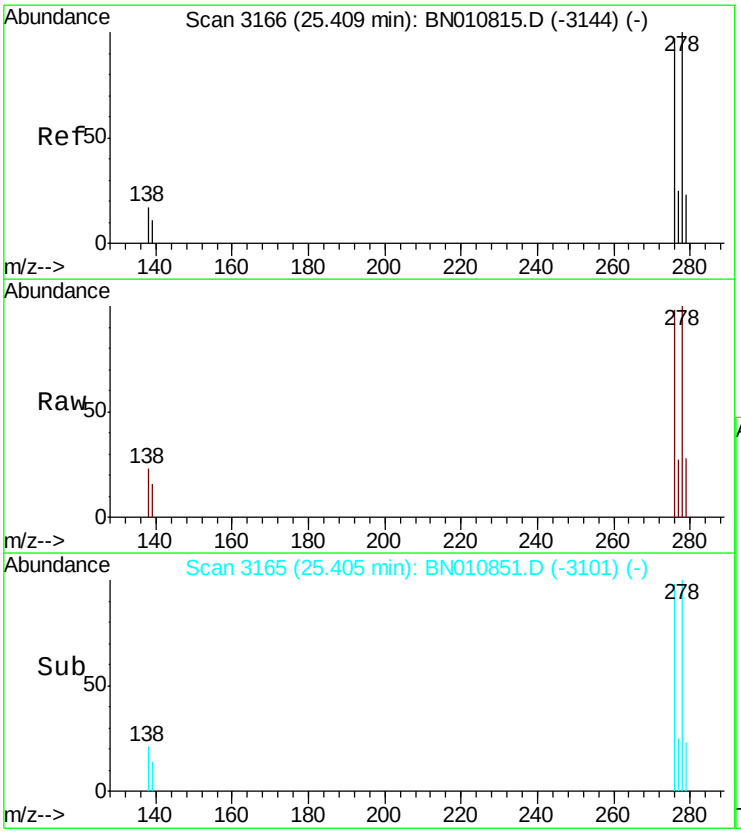
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.19 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12162

Ion	Ratio	Lower	Upper
252	100		
253	30.6	25.8	38.8
125	17.3	12.4	18.6

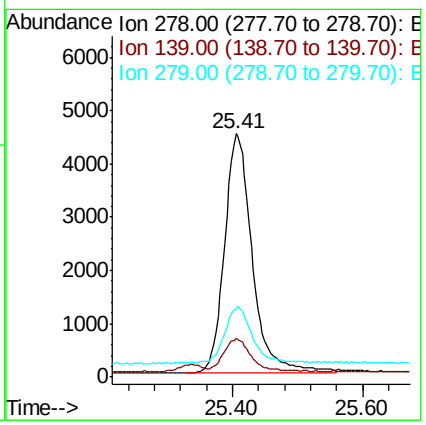


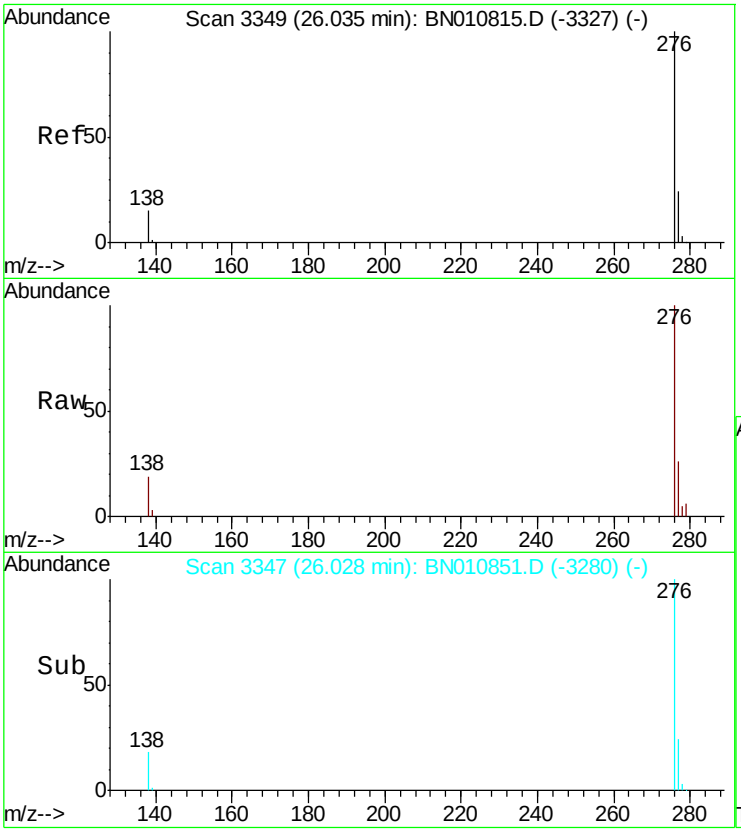


#38
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 25.41 min Scan# 3165
Delta R.T. 0.02 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Tgt Ion:278 Resp: 13361

Ion	Ratio	Lower	Upper
278	100		
139	15.8	10.6	15.8
279	28.2	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.379 ng
RT: 26.03 min Scan# 3347
Delta R.T. 0.03 min
Lab File: BN010851.D
Acq: 12 Jun 2020 20:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 13710

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.5	30.7
138	19.4	13.7	20.5