Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010813.D
Acq On : 10 Jun 2020 11:39
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jun 10 13:43:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:41:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2865	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	10131	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	5819	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	12326	0.40	ng		-0.01
27) Chrysene-d12	21.13	240	11075	0.40	ng		0.00
34) Perylene-d12	23.29	264	11268	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1740	0.30	ng		0.00
5) Phenol-d6	6.75	99	2081	0.31	ng		0.00
8) Nitrobenzene-d5	8.69	82	2292	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	4435	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	551	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	6481	0.29	ng		0.00
25) Fluoranthene-d10	18.97	212	8628	0.25	ng		0.00
29) Terphenyl-d14	19.58	244	7093	0.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	858	0.303	ng		99
3) n-Nitrosodimethylamine	3.56	42	413	0.250	ng	#	95
6) bis(2-Chloroethyl)ether	7.00	93	1844	0.287	ng		98
9) Naphthalene	10.35	128	7209	0.286	ng		99
10) Hexachlorobutadiene	10.66	225	1834	0.298	ng	#	100
12) 2-Methylnaphthalene	11.98	142	4793	0.287	ng		98
16) Acenaphthylene	13.89	152	6034	0.256	ng		99
17) Acenaphthene	14.24	154	4309	0.270	ng		99
18) Fluorene	15.24	166	5495	0.265	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	1862	0.259	ng		98
21) Hexachlorobenzene	16.24	284	2047	0.270	ng		99
22) Pentachlorophenol	16.59	266	638	0.247	ng		97
23) Phenanthrene	16.96	178	8683	0.261	ng		99
24) Anthracene	17.06	178	6878	0.244	ng		99
26) Fluoranthene	19.00	202	9486	0.246	ng		100
28) Pyrene	19.36	202	9451	0.269	ng		100
30) Benzo(a)anthracene	21.12	228	7967	0.245	ng		99
31) Chrysene	21.17	228	10185	0.276	ng		98
32) Bis(2-ethylhexyl)phthalate	21.08	149	2788	0.260	ng		96
33) Indeno(1,2,3-cd)pyrene	25.40	276	11306	0.255	ng		99
35) Benzo(b)fluoranthene	22.65	252	9234	0.252	ng		99
36) Benzo(k)fluoranthene	22.69	252	10454	0.259	ng		99
37) Benzo(a)pyrene	23.19	252	8020	0.245	ng		98
38) Dibenzo(a,h)anthracene	25.42	278	9170	0.249	ng		99
39) Benzo(g,h,i)perylene	26.04	276	9814	0.257	ng		99

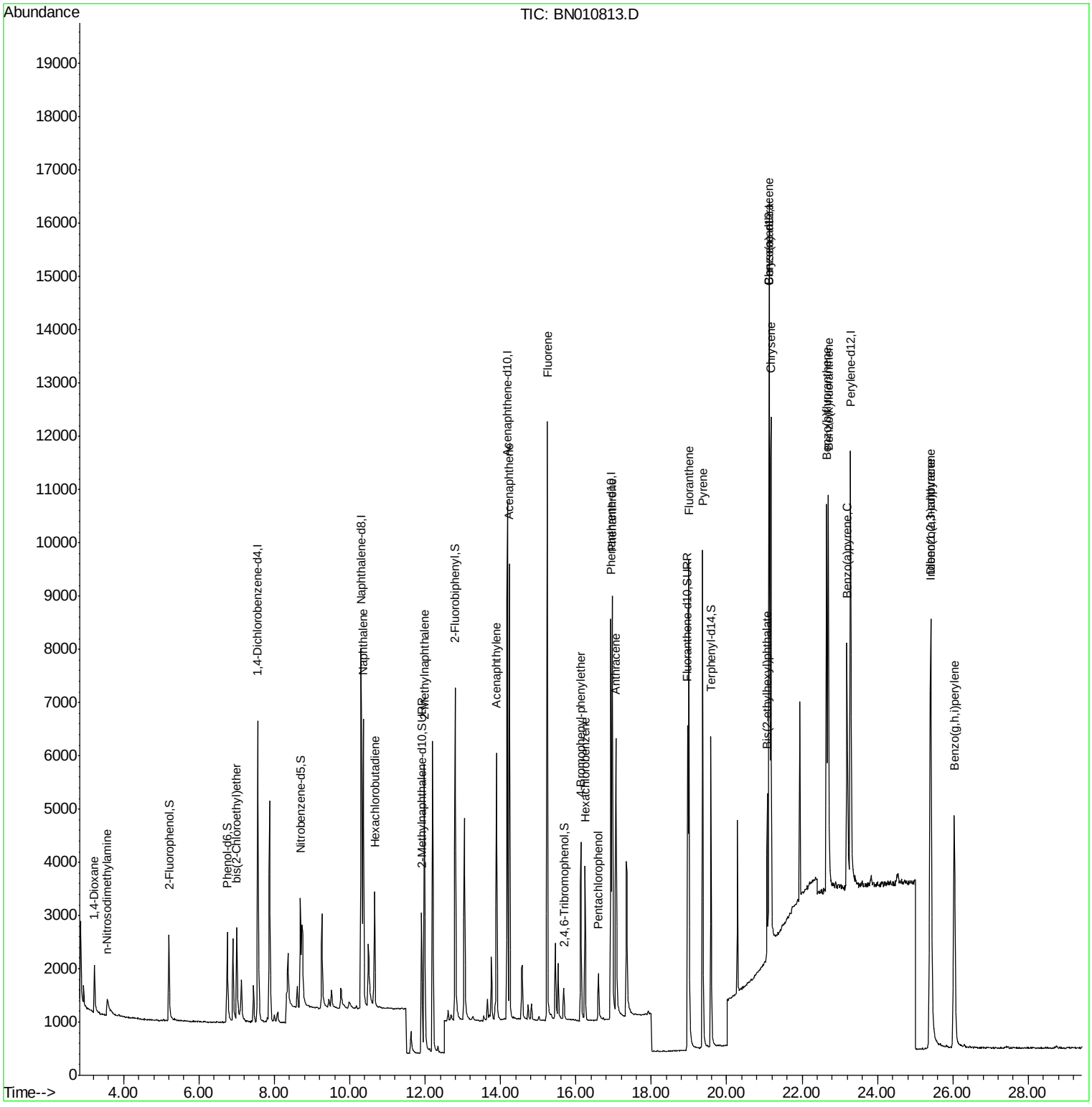
(#) = qualifier out of range (m) = manual integration (+) = signals summed

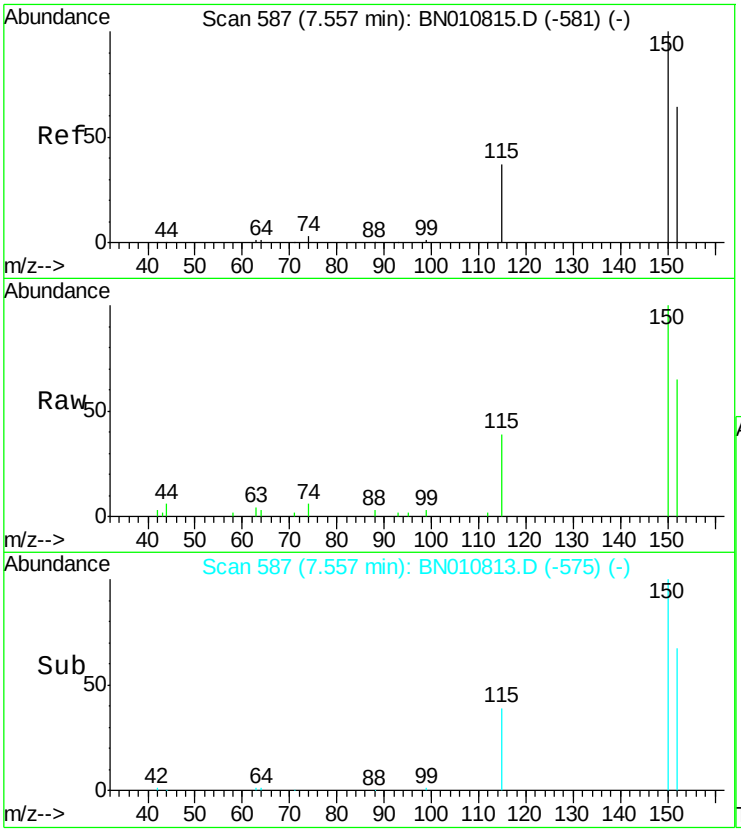
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010813.D
Acq On : 10 Jun 2020 11:39
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jun 10 13:43:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:41:15 2020
Response via : Initial Calibration



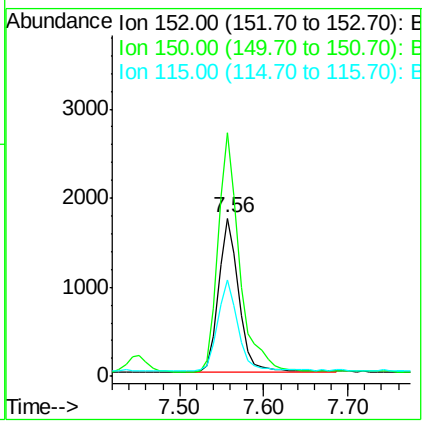


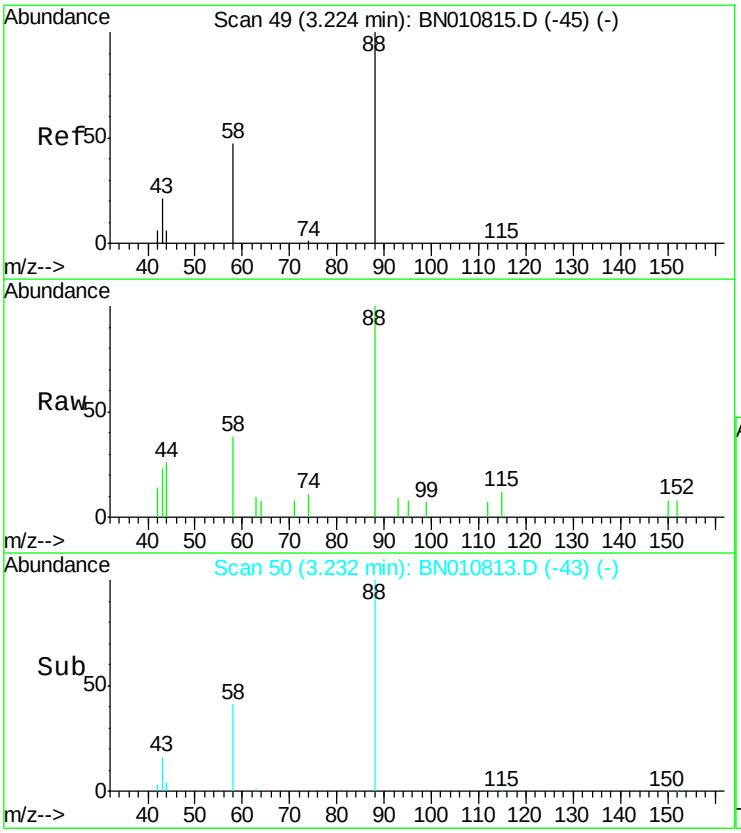
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2865

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.8	185.6
115	60.6	49.2	73.8

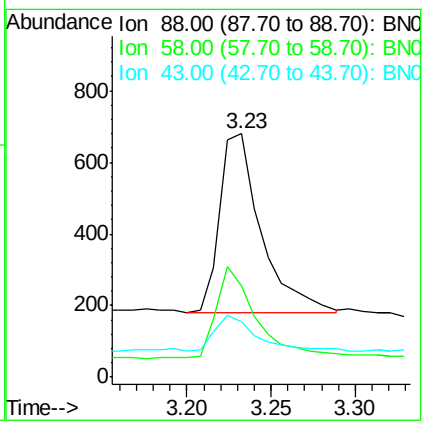


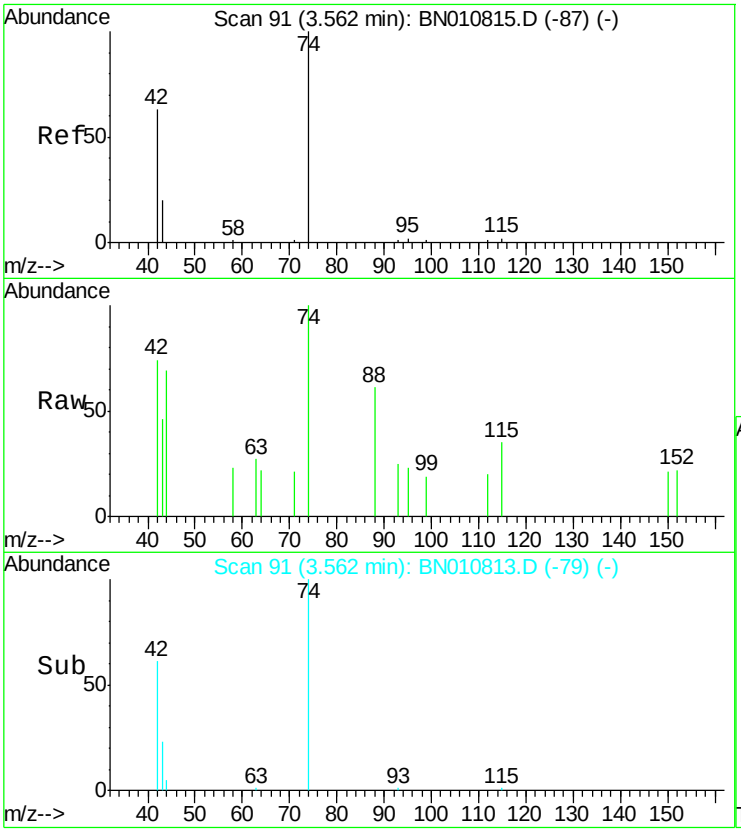


#2
1,4-Dioxane
Concen: 0.303 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.01 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion: 88 Resp: 858

Ion	Ratio	Lower	Upper
88	100		
58	48.7	38.2	57.4
43	19.3	15.1	22.7



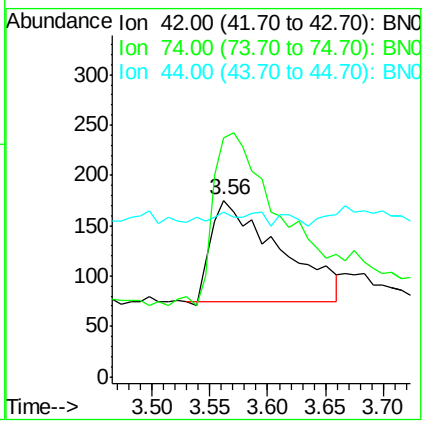


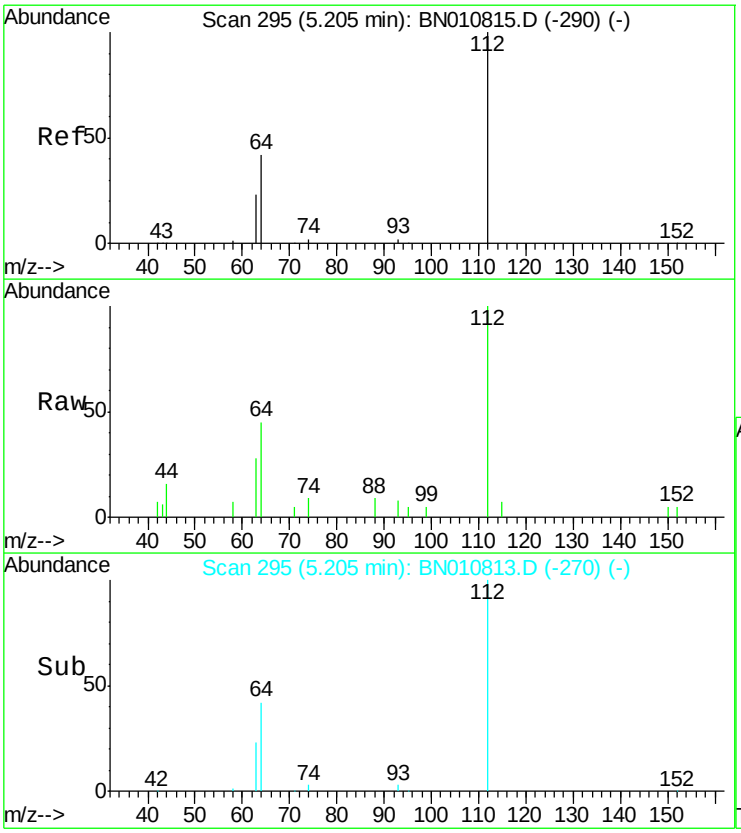
#3
n-Nitrosodimethylamine
Concen: 0.250 ng
RT: 3.56 min Scan# 91
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 413

Ion	Ratio	Lower	Upper
42	100		
74	168.8	140.7	211.1
44	4.1	1.4	2.2#

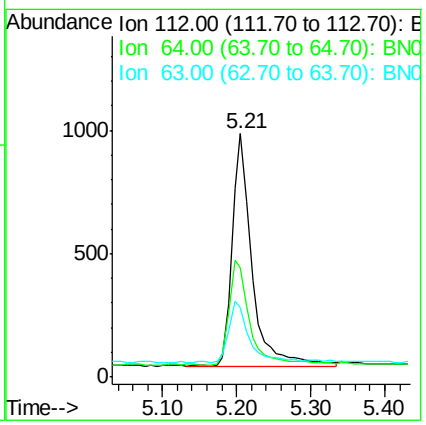


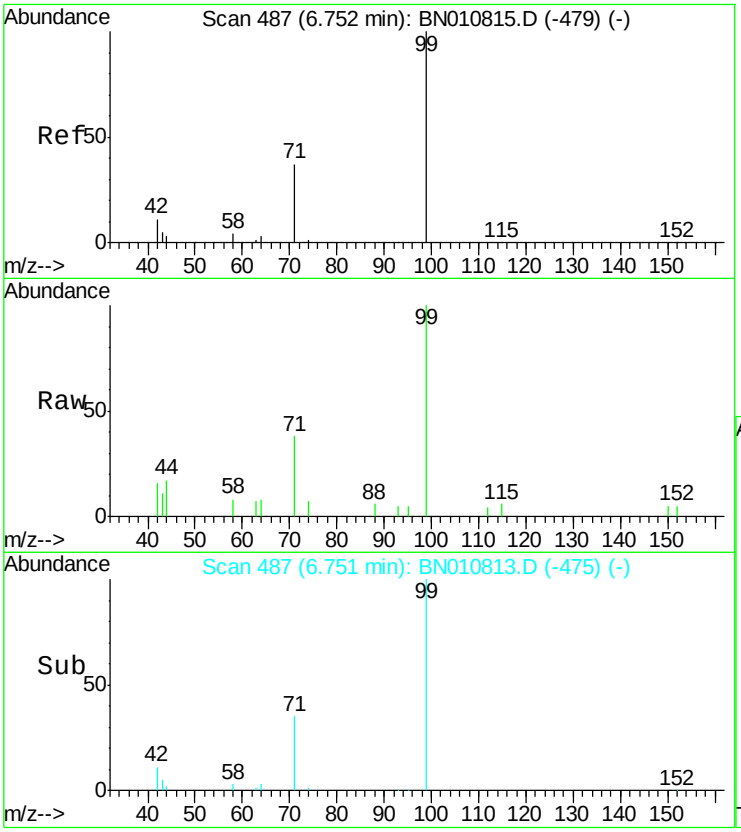


#4
2-Fluorophenol
Concen: 0.305 ng
RT: 5.21 min Scan# 295
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:112 Resp: 1740

Ion	Ratio	Lower	Upper
112	100		
64	46.7	37.4	56.0
63	26.7	22.2	33.4



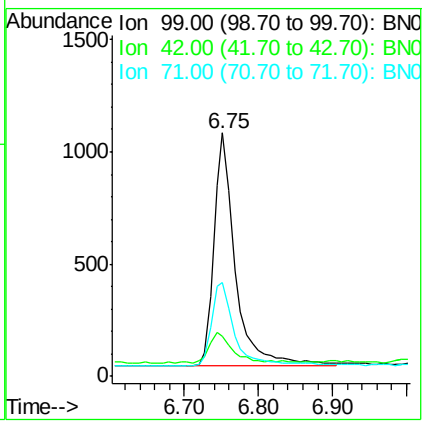


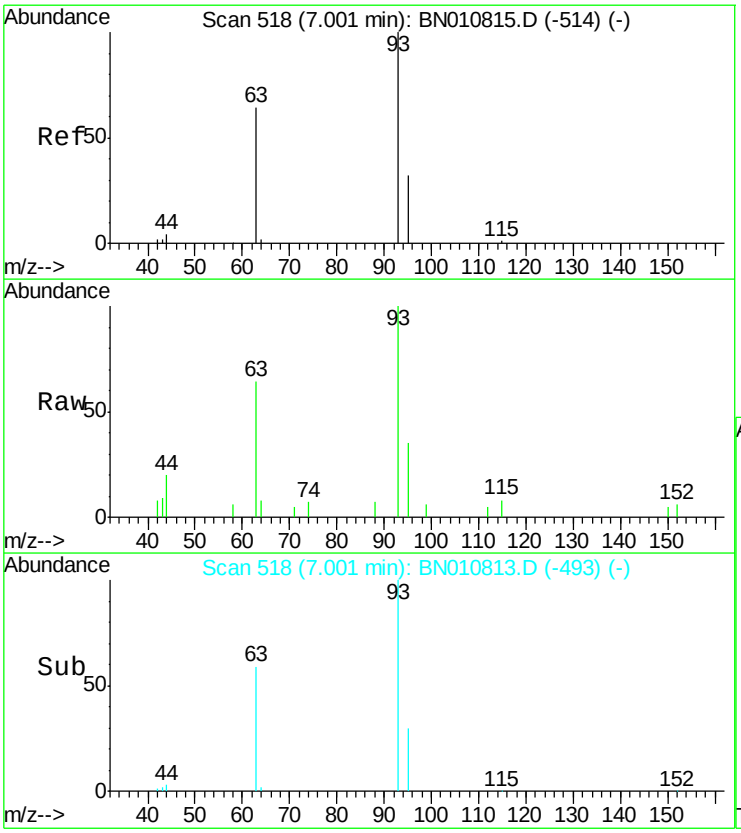
#5
Phenol-d6
Concen: 0.308 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 2081

Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.1	16.7
71	38.6	31.4	47.2

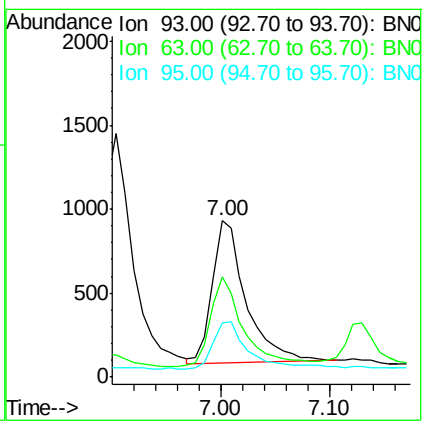


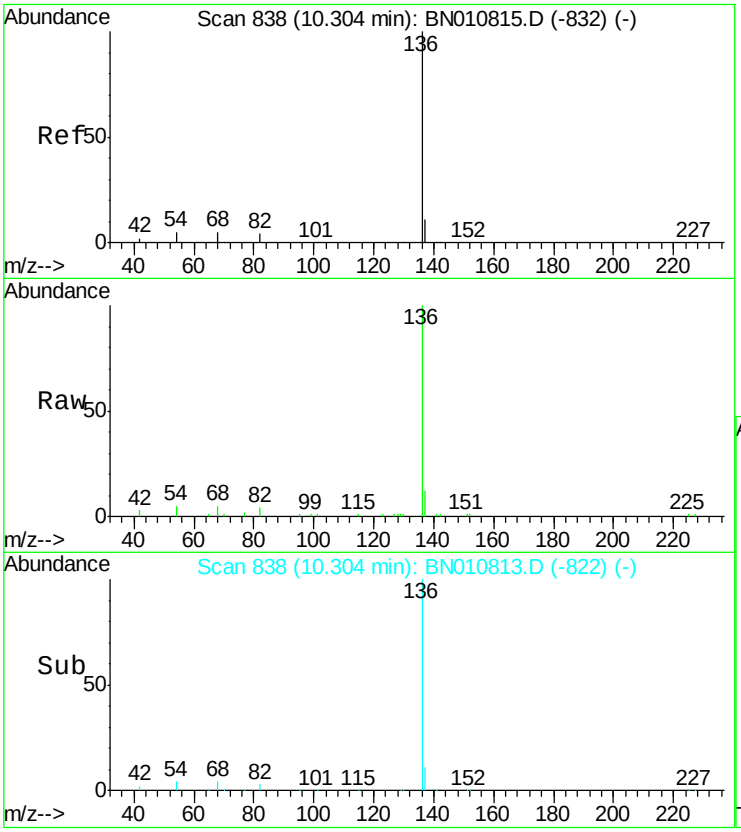


#6
bis(2-Chloroethyl)ether
Concen: 0.287 ng
RT: 7.00 min Scan# 518
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion: 93 Resp: 1844

Ion	Ratio	Lower	Upper
93	100		
63	62.4	49.4	74.2
95	35.3	26.7	40.1



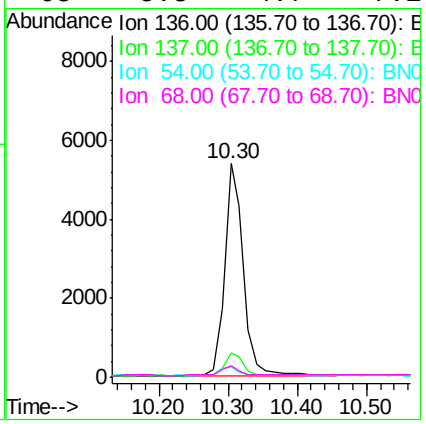


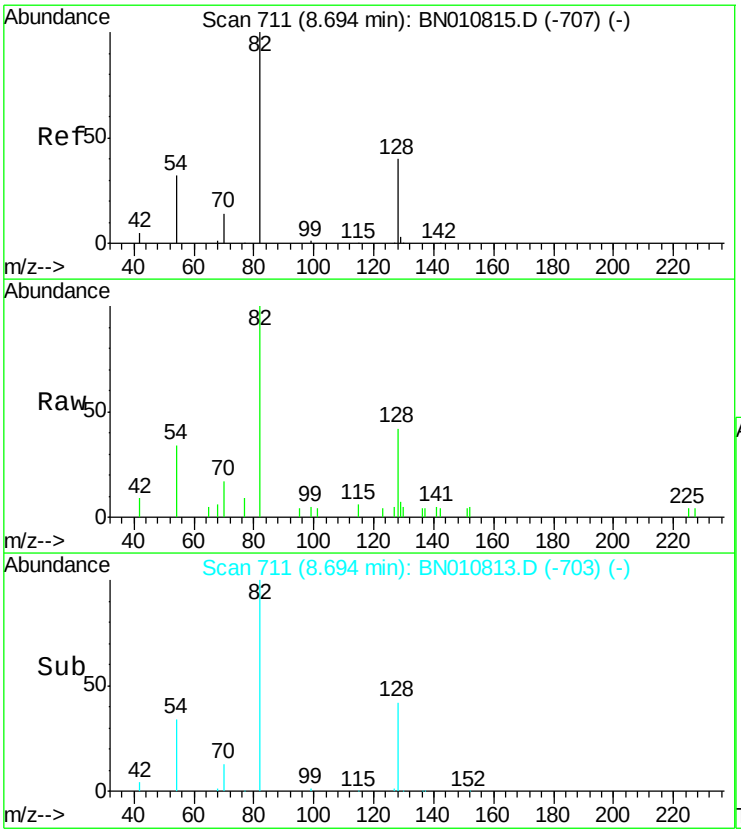
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 10131

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	5.1	4.9	7.3
68	5.3	4.7	7.1

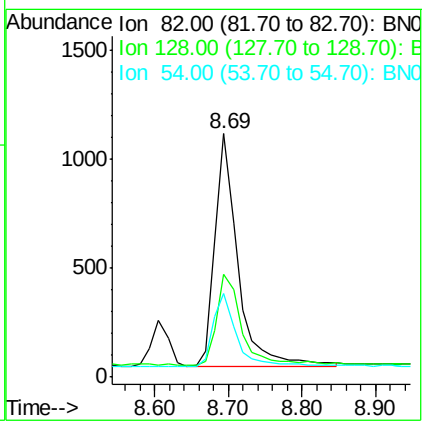


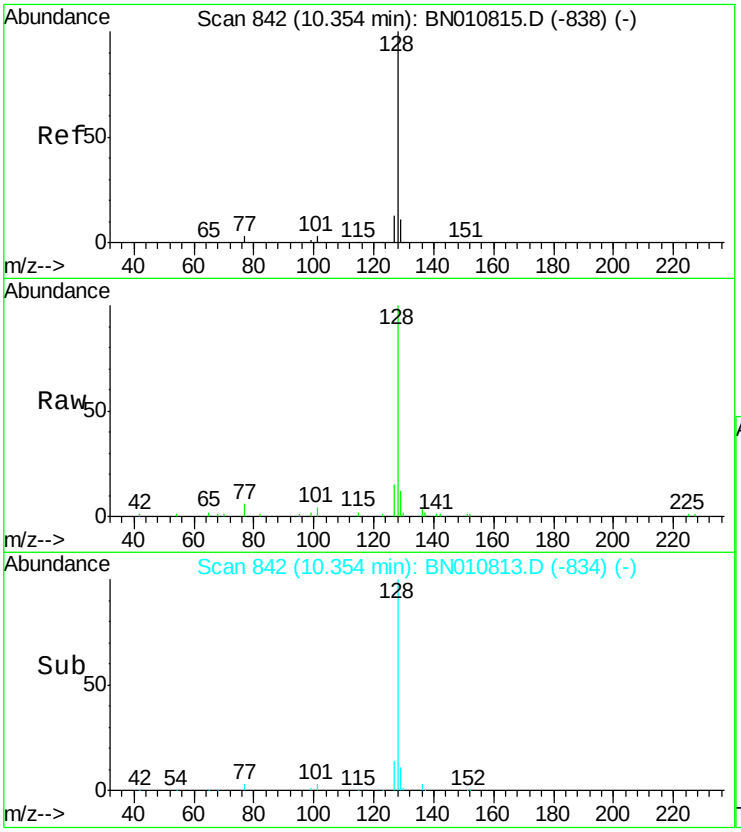


#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.69 min Scan# 711
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion: 82 Resp: 2292

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.4	53.0
54	34.5	28.2	42.4



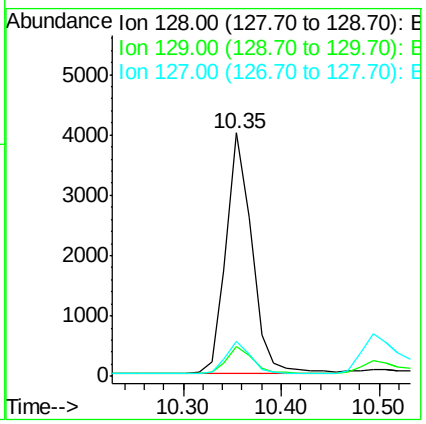


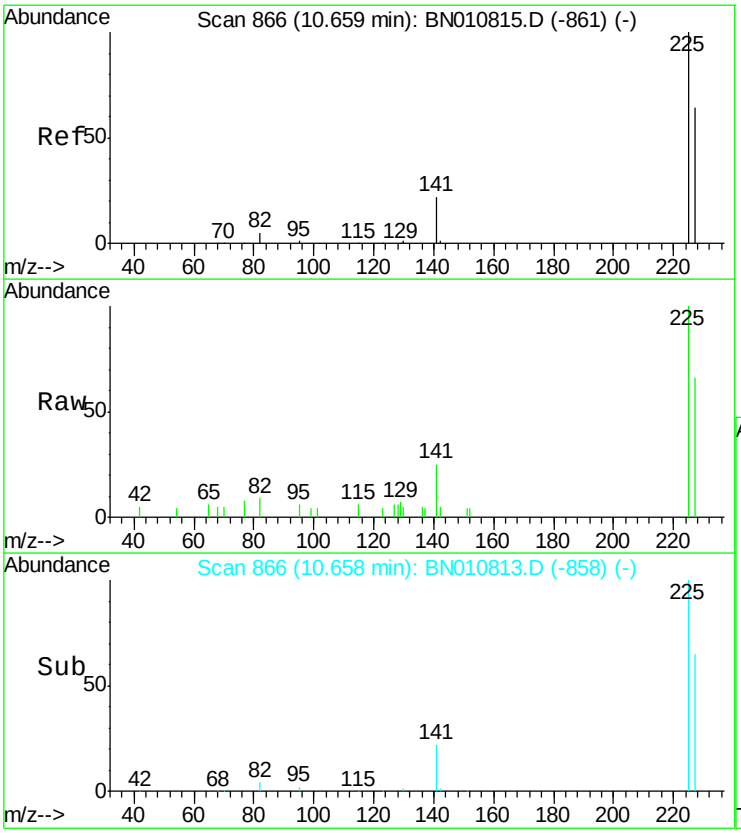
#9
Naphthalene
Concen: 0.286 ng
RT: 10.35 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 7209

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.6	11.4	17.2

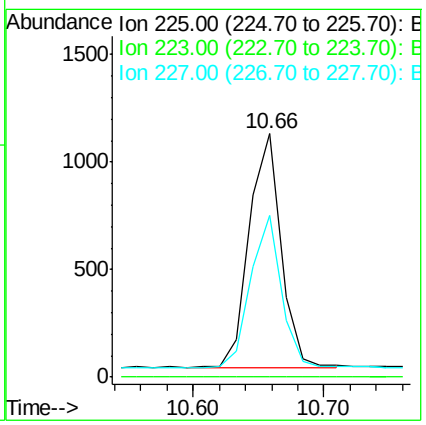


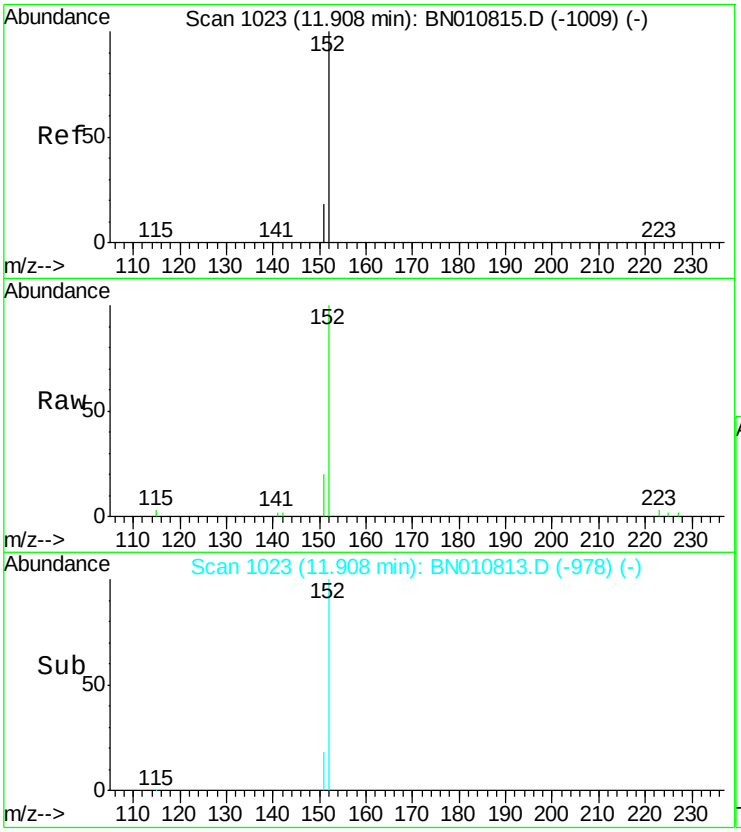


#10
Hexachlorobutadiene
Concen: 0.298 ng
RT: 10.66 min Scan# 866
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:225 Resp: 1834

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	50.5	75.7



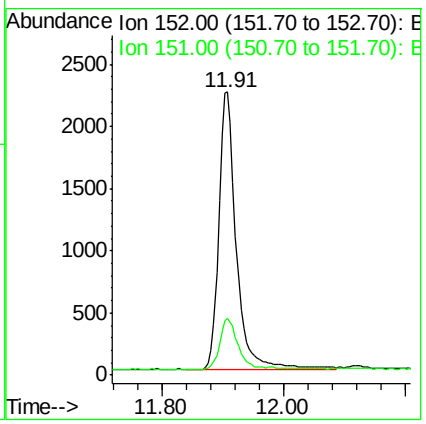


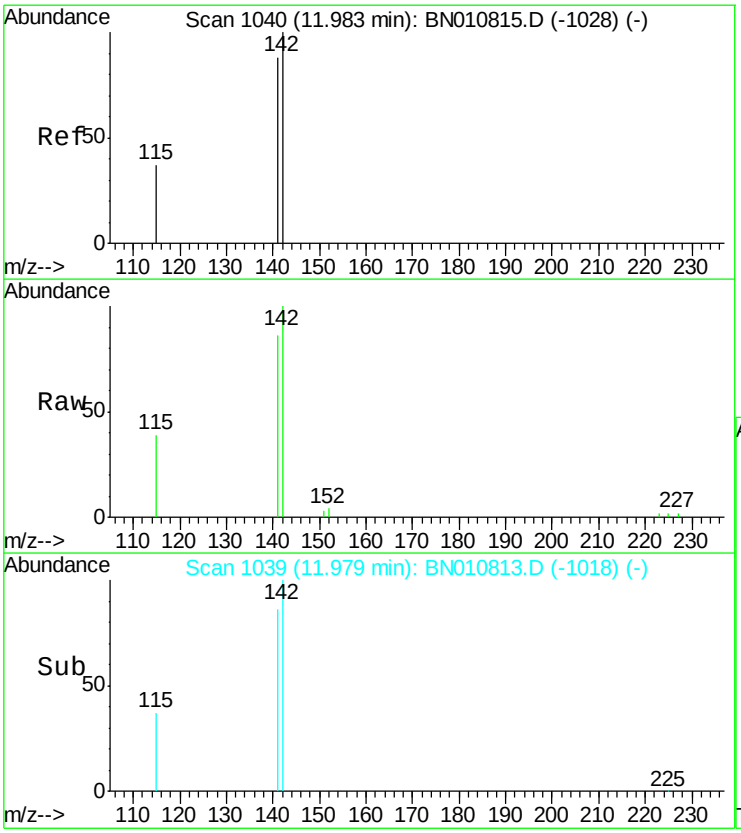
#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 11.91 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 4435

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

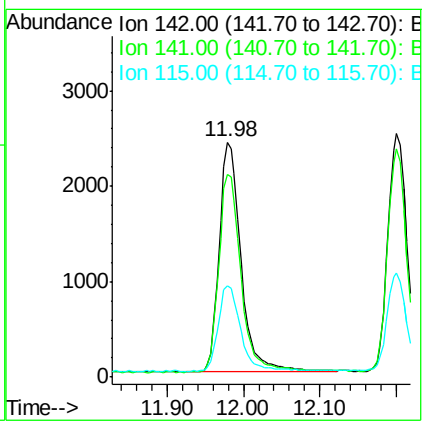


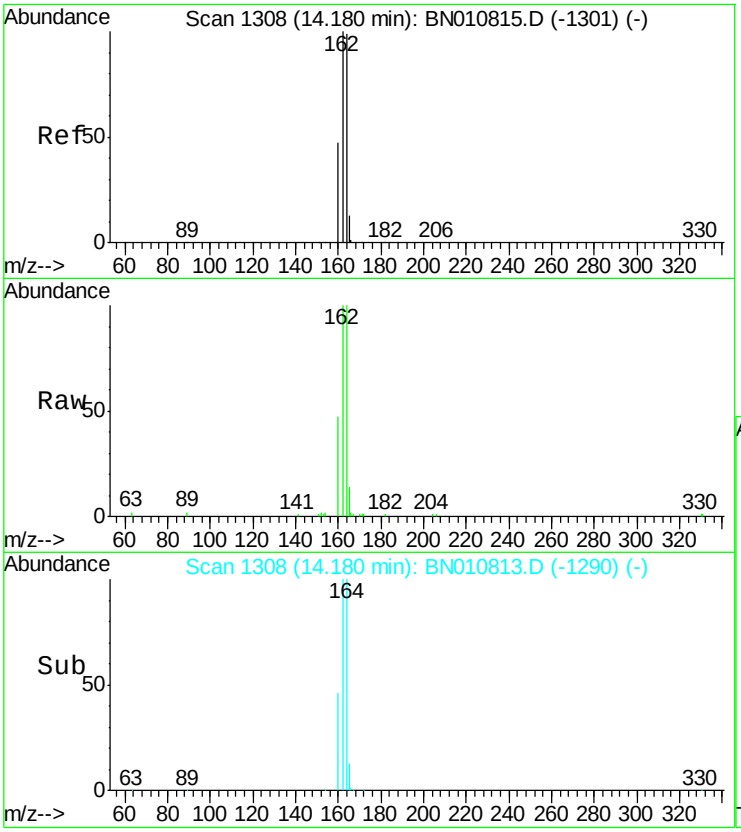


#12
2-Methylnaphthalene
Concen: 0.287 ng
RT: 11.98 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:142 Resp: 4793

Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.8	106.2
115	38.9	31.5	47.3



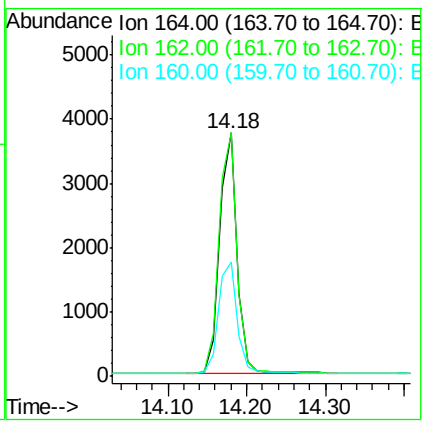


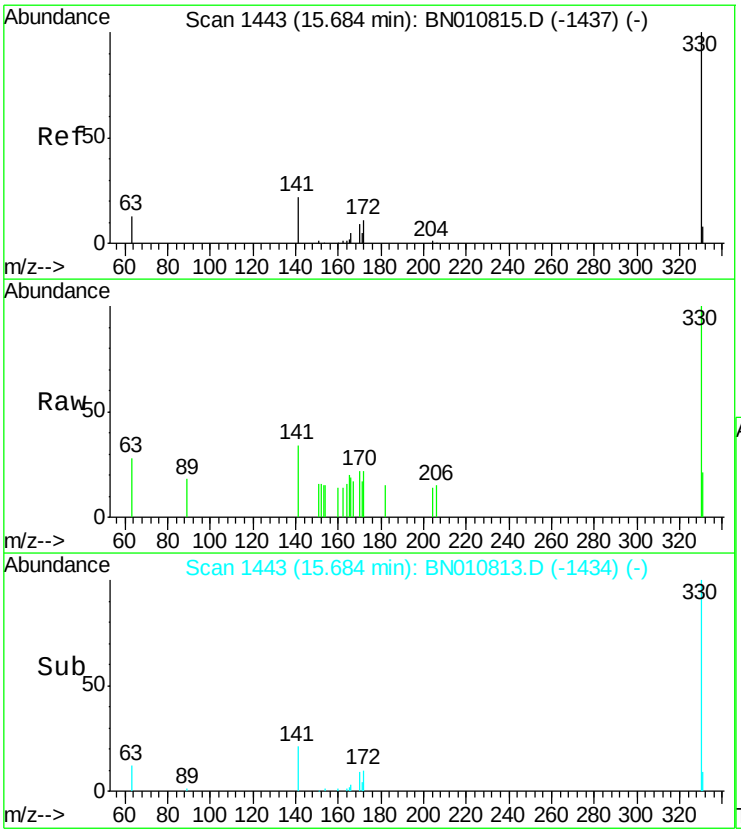
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 5819

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.0	121.6
160	47.1	38.9	58.3

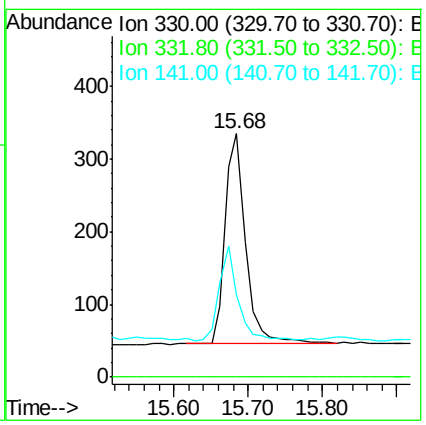


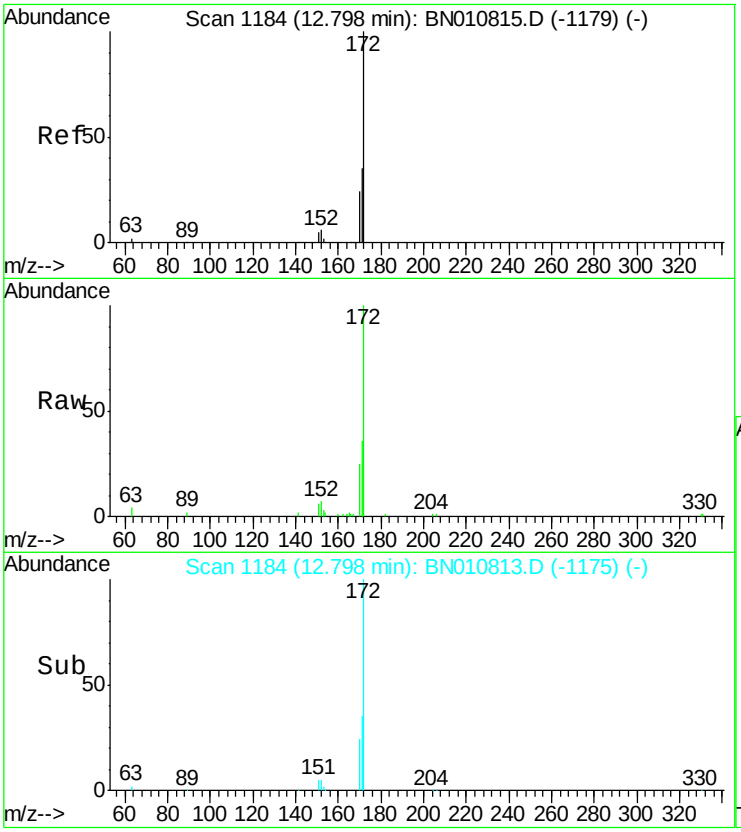


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.68 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:330 Resp: 551

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.6	33.2	49.8



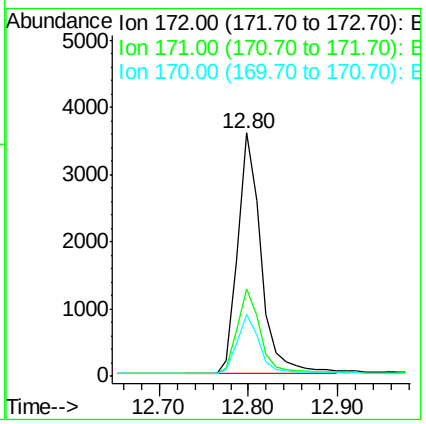


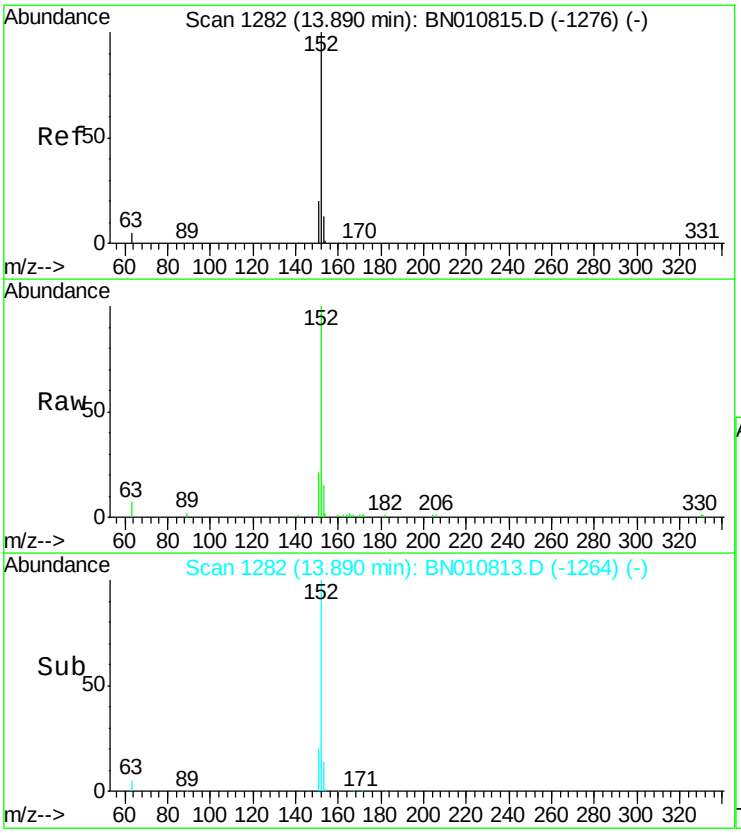
#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 6481

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	25.3	19.7	29.5

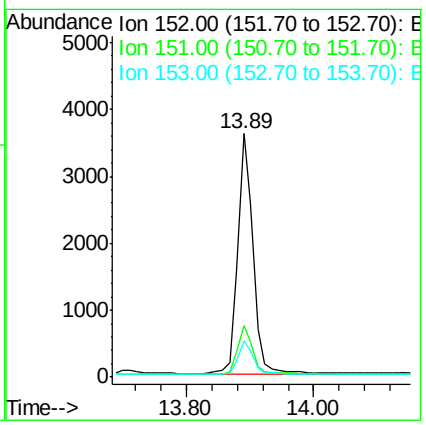


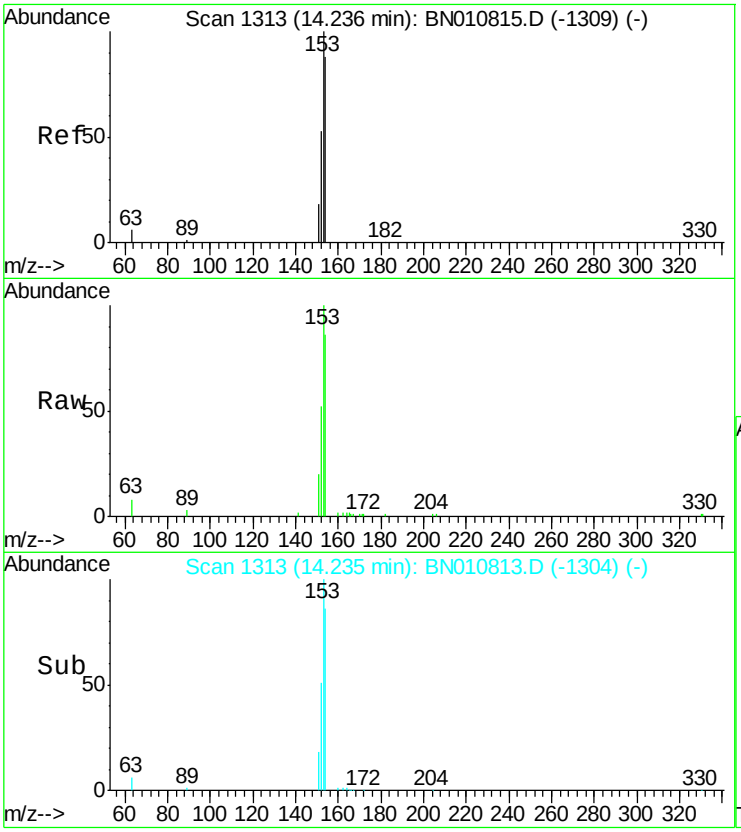


#16
Acenaphthylene
Concen: 0.256 ng
RT: 13.89 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:152 Resp: 6034

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.8	10.6	16.0



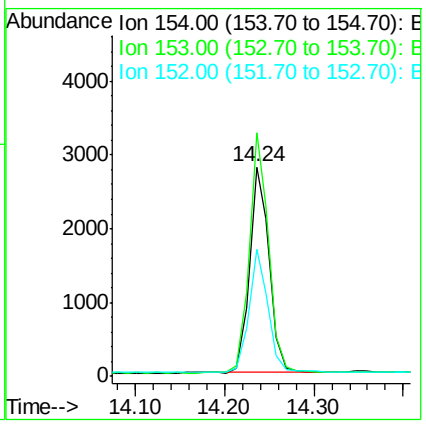


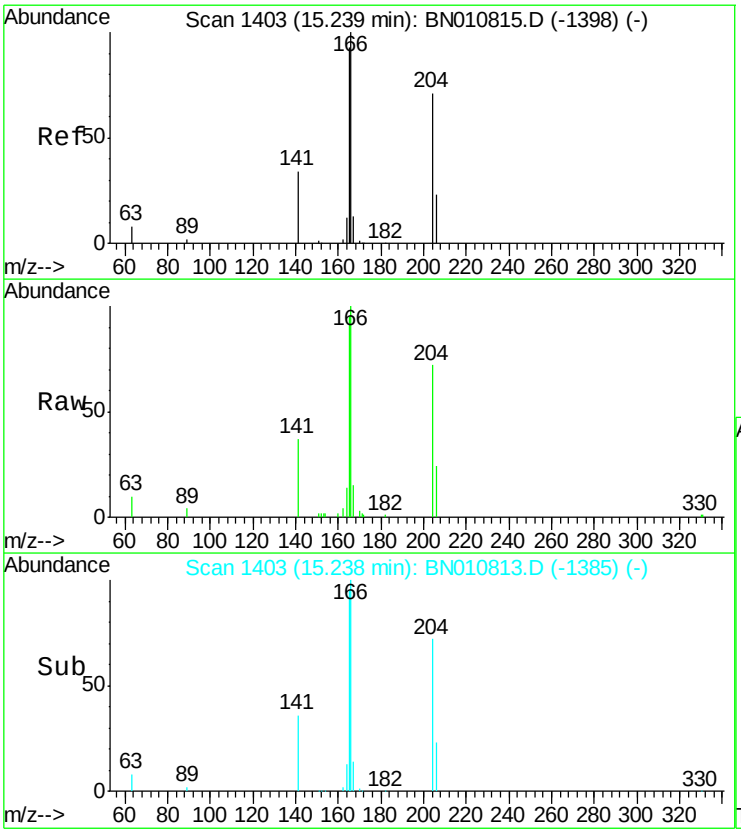
#17
Acenaphthene
Concen: 0.270 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 4309

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.8	137.6
152	57.7	47.6	71.4

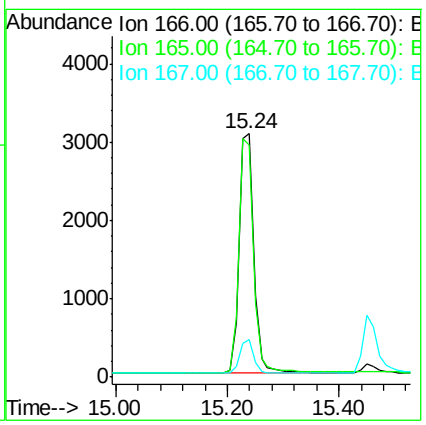


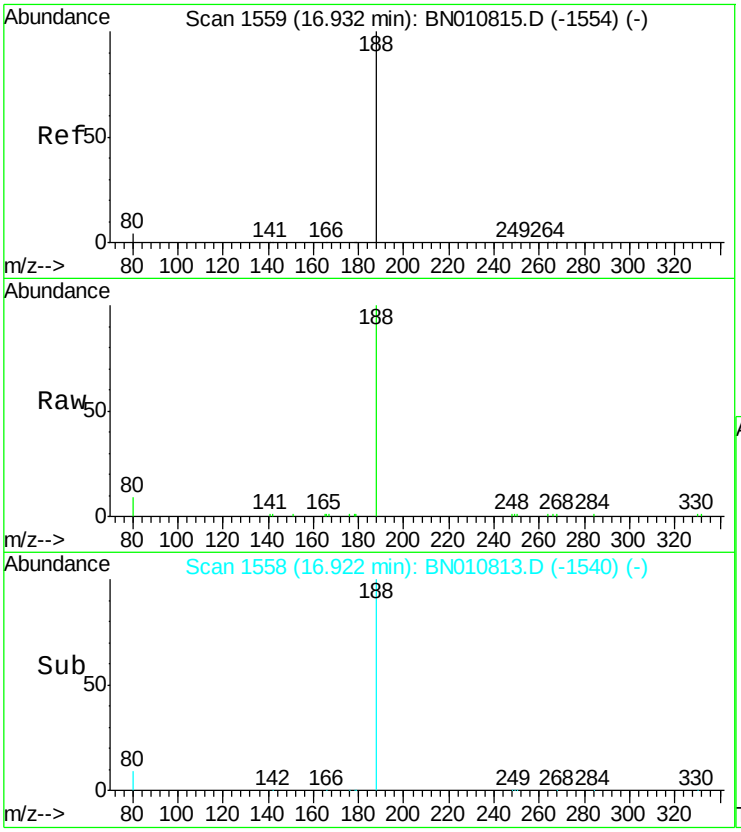


#18
Fluorene
Concen: 0.265 ng
RT: 15.24 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:166 Resp: 5495

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.2	115.8
167	13.6	10.7	16.1



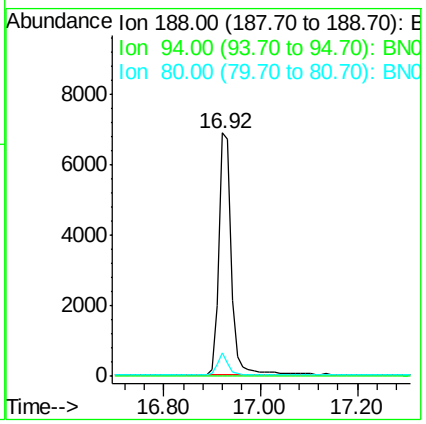


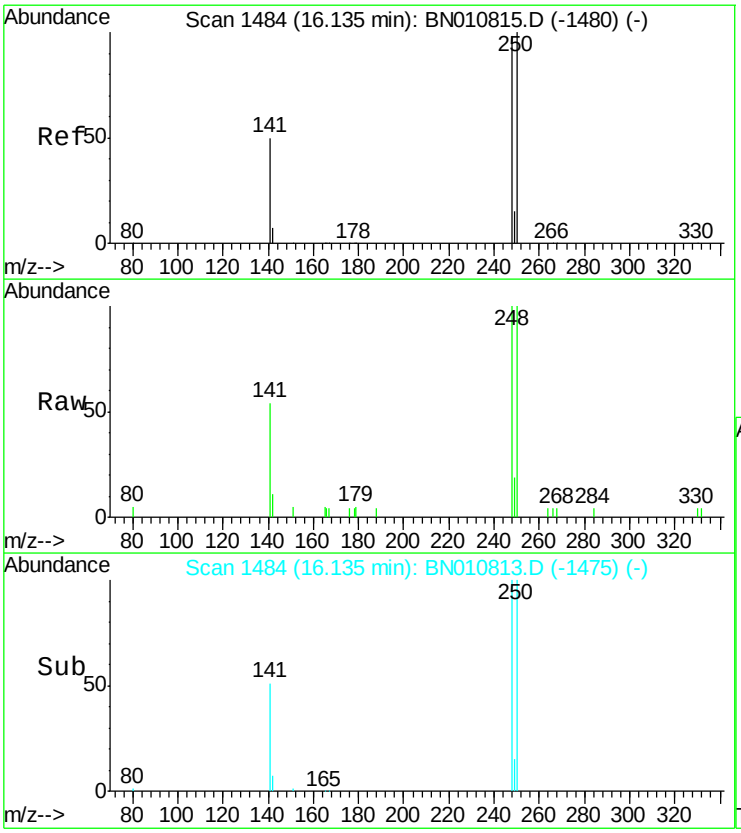
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 12326

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	4.5	6.7#

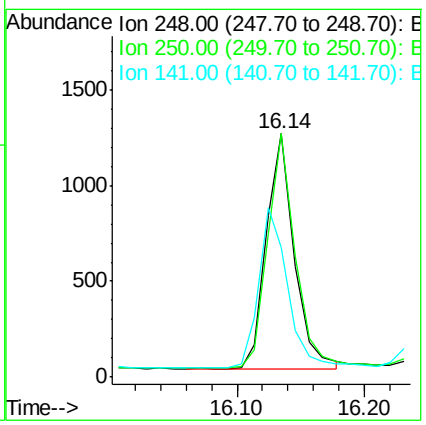


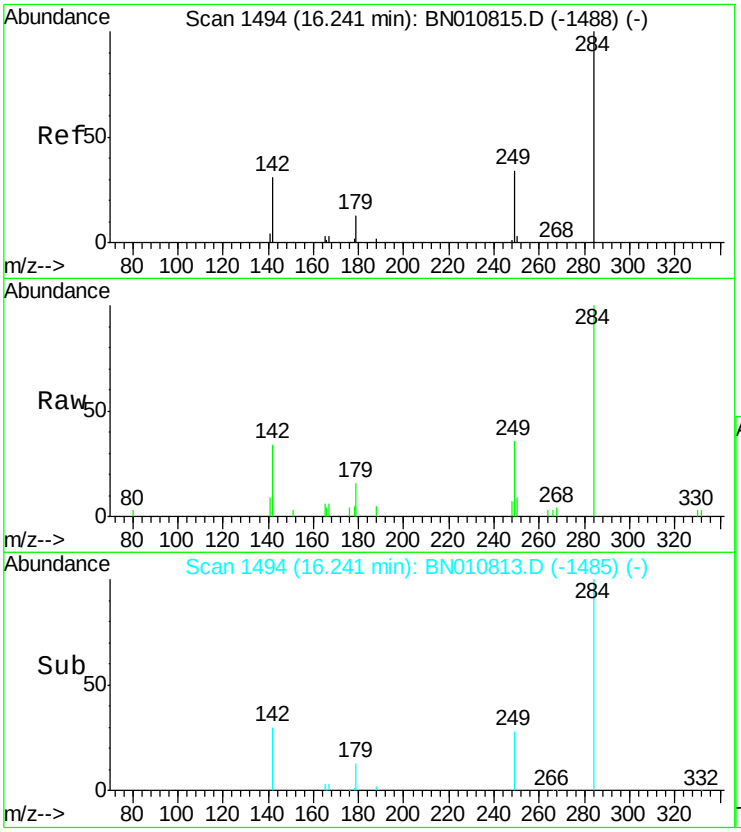


#20
4-Bromophenyl-phenylether
Concen: 0.259 ng
RT: 16.14 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:248 Resp: 1862

Ion	Ratio	Lower	Upper
248	100		
250	99.8	81.8	122.8
141	53.5	42.6	64.0



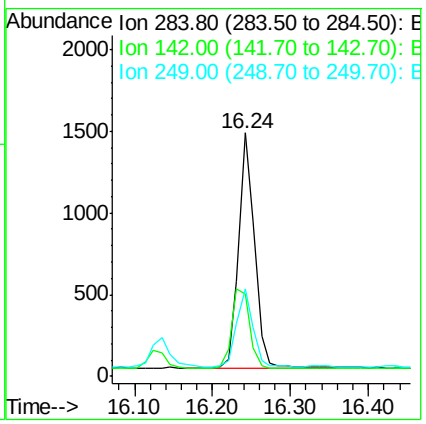


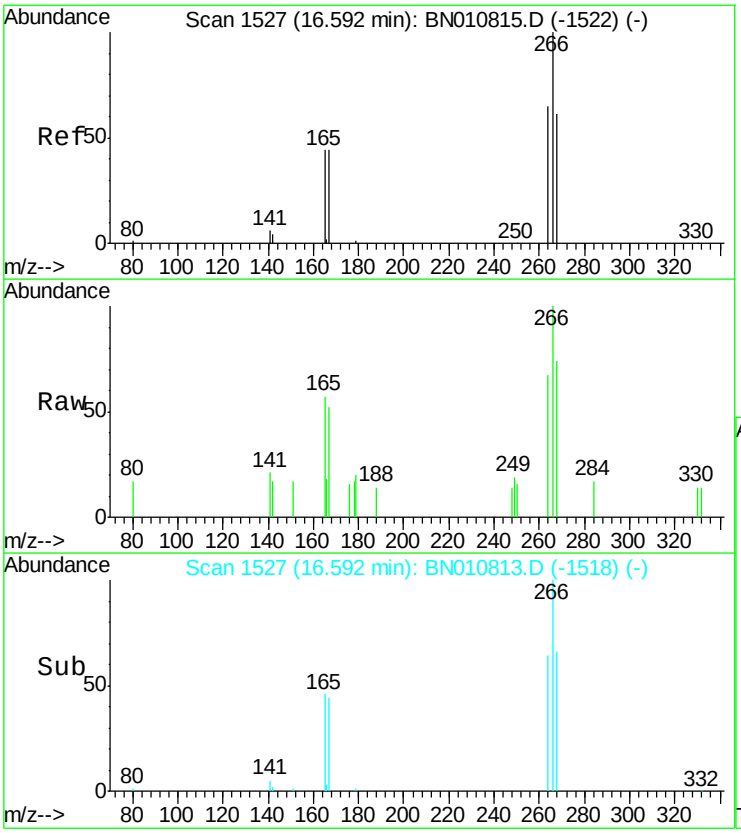
#21
Hexachlorobenzene
Concen: 0.270 ng
RT: 16.24 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 2047

Ion	Ratio	Lower	Upper
284	100		
142	37.7	31.0	46.4
249	33.3	27.1	40.7

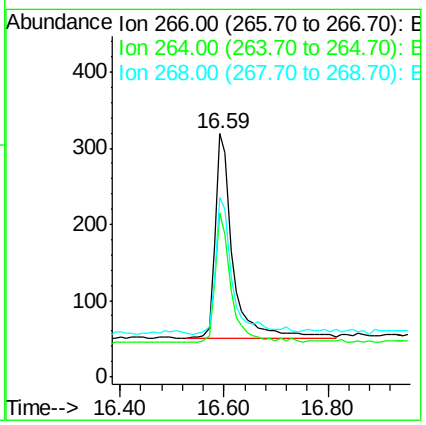


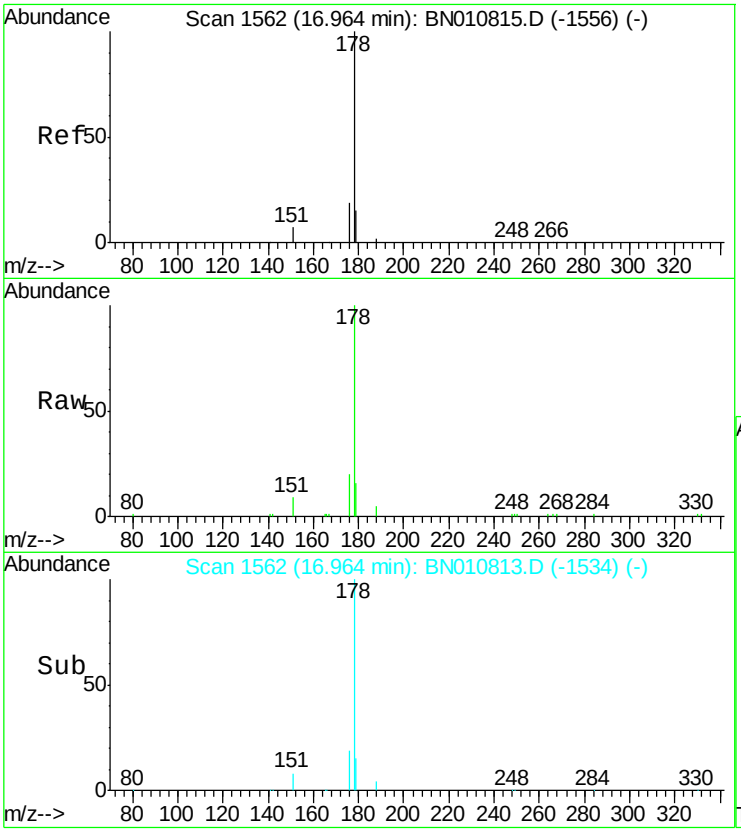


#22
Pentachlorophenol
Concen: 0.247 ng
RT: 16.59 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:266 Resp: 638

Ion	Ratio	Lower	Upper
266	100		
264	67.4	54.8	82.2
268	73.7	55.9	83.9



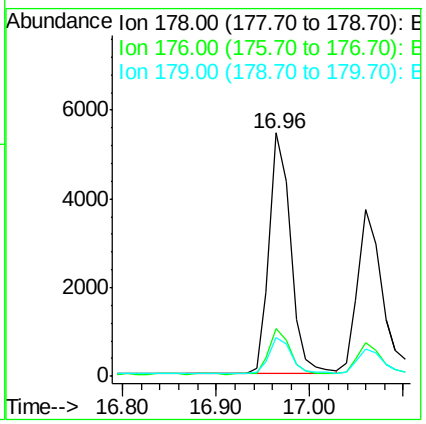


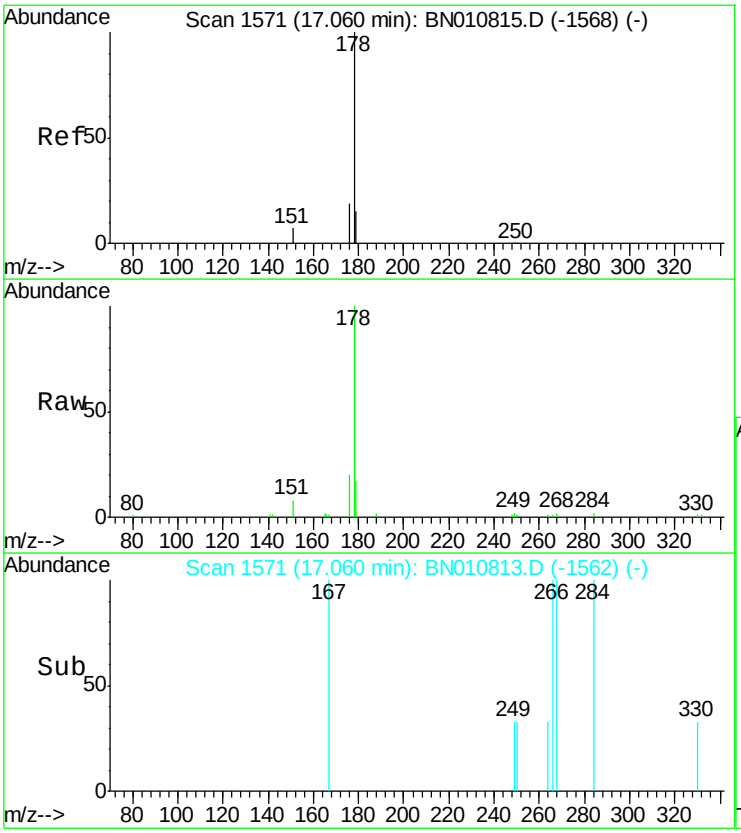
#23
Phenanthrene
Concen: 0.261 ng
RT: 16.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 8683

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.7	12.6	19.0

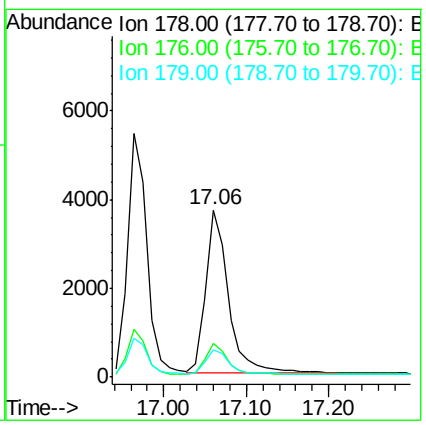


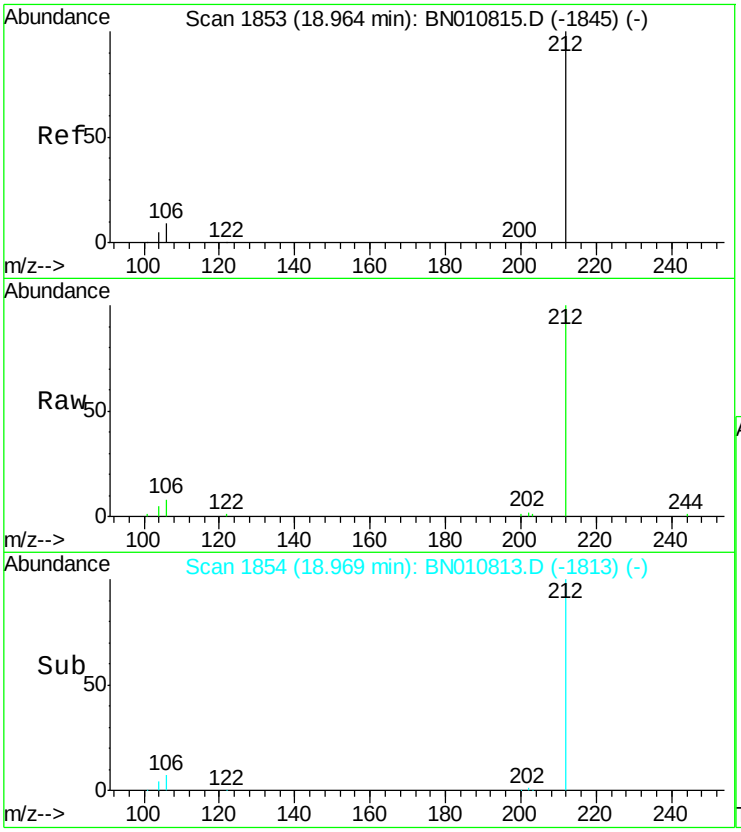


#24
Anthracene
Concen: 0.244 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:178 Resp: 6878

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.5	12.3	18.5



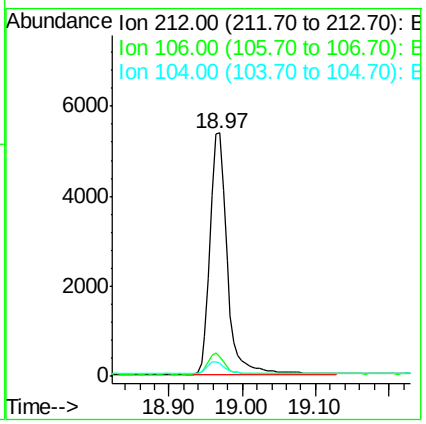


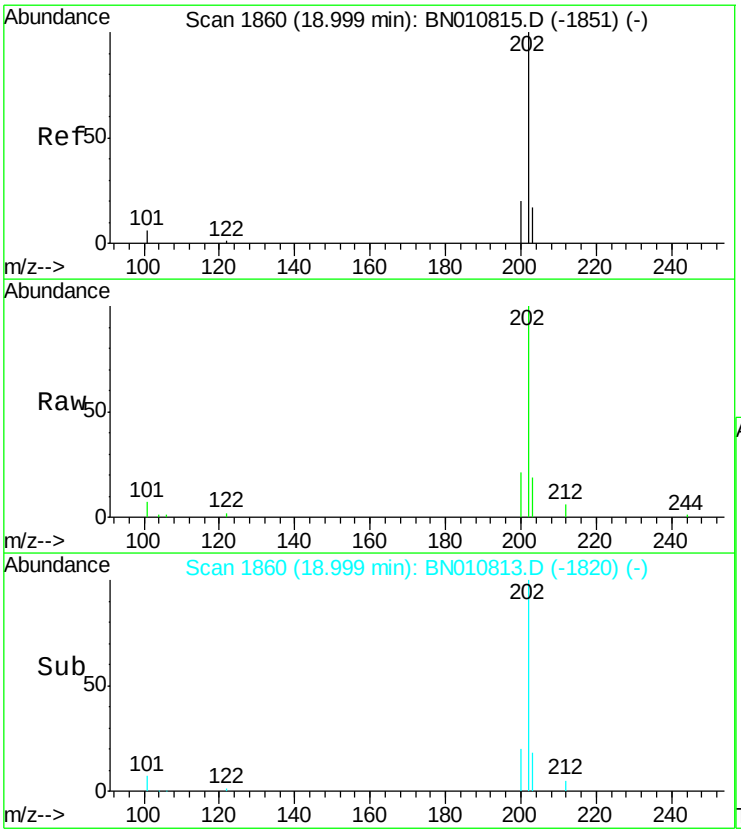
#25
Fluoranthene-d10
Concen: 0.252 ng
RT: 18.97 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 8628

Ion	Ratio	Lower	Upper
212	100		
106	8.4	6.6	10.0
104	4.9	4.0	6.0

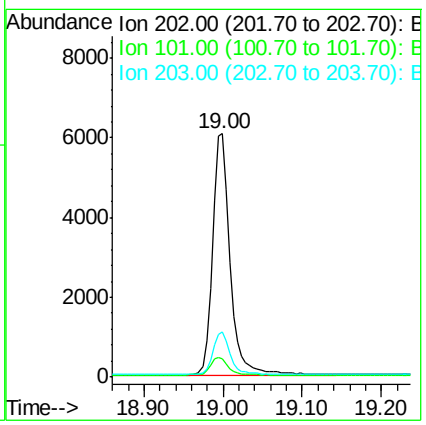


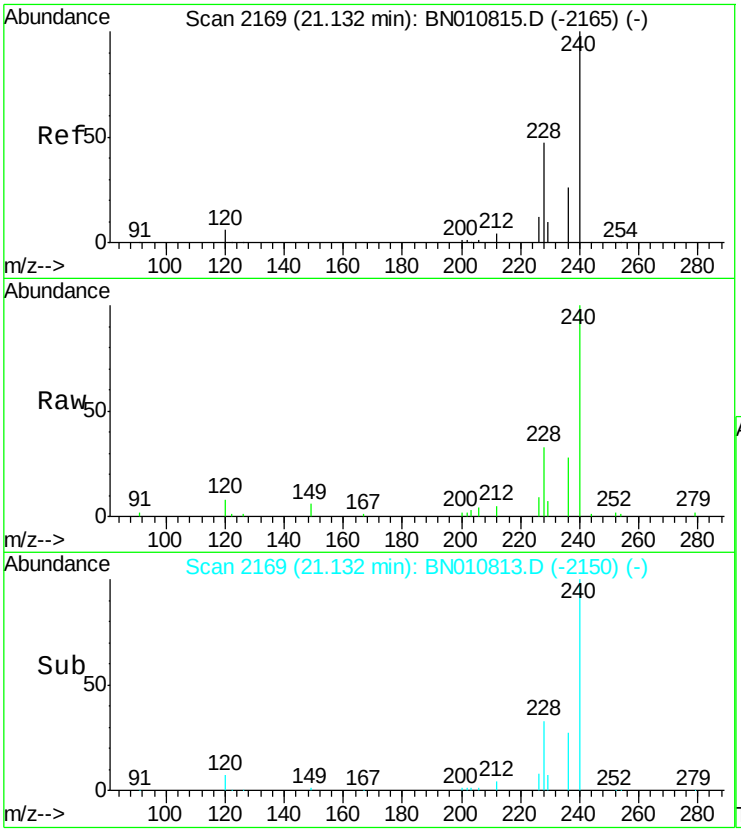


#26
Fluoranthene
Concen: 0.246 ng
RT: 19.00 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:202 Resp: 9486

Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.8	8.6
203	17.2	13.7	20.5



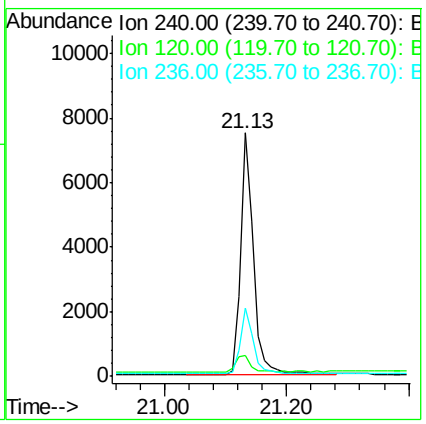


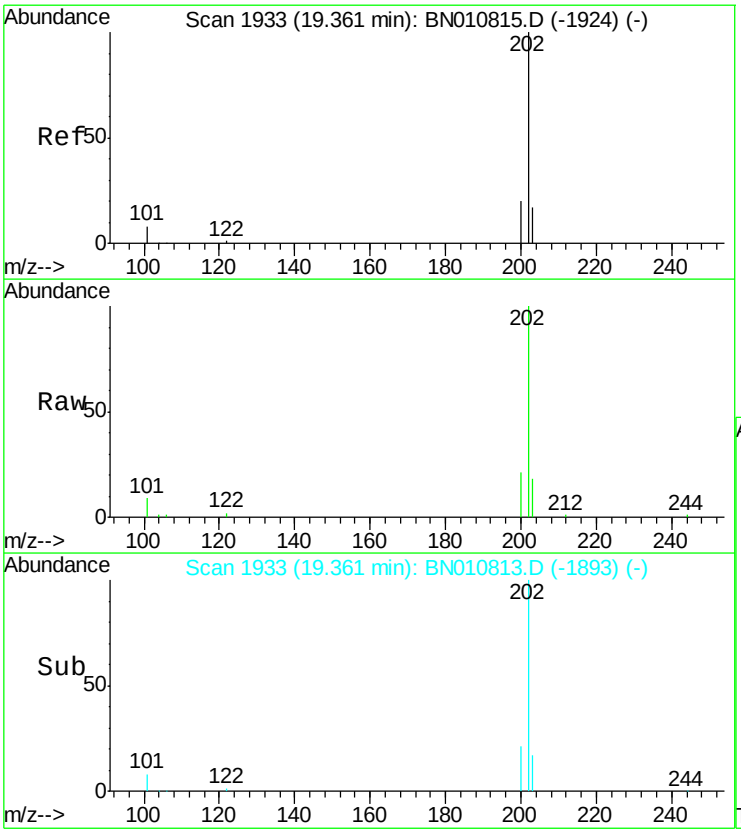
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 11075

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.5	11.3
236	27.8	22.3	33.5

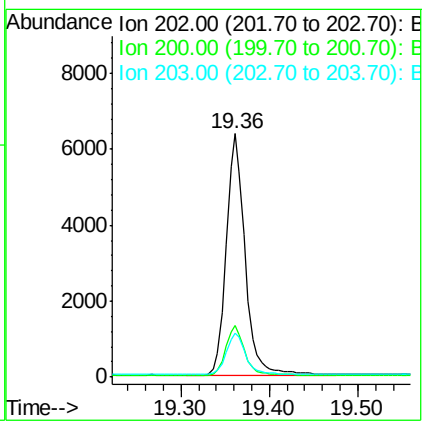


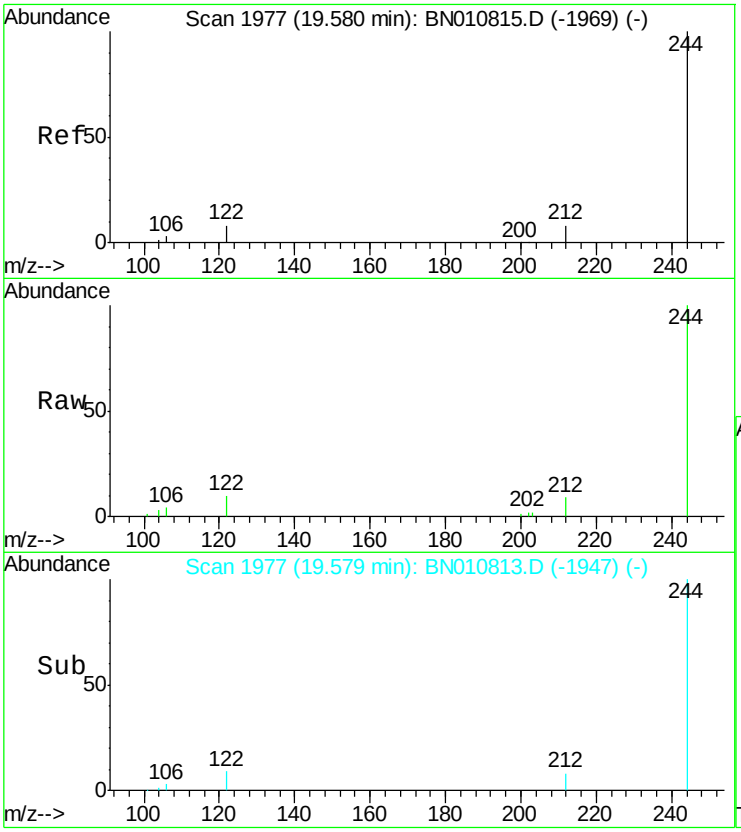


#28
Pyrene
Concen: 0.269 ng
RT: 19.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:202 Resp: 9451

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.9	14.2	21.4



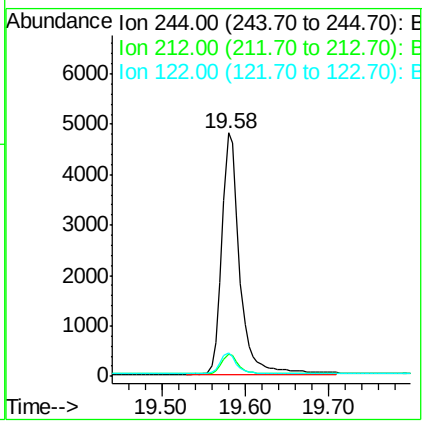


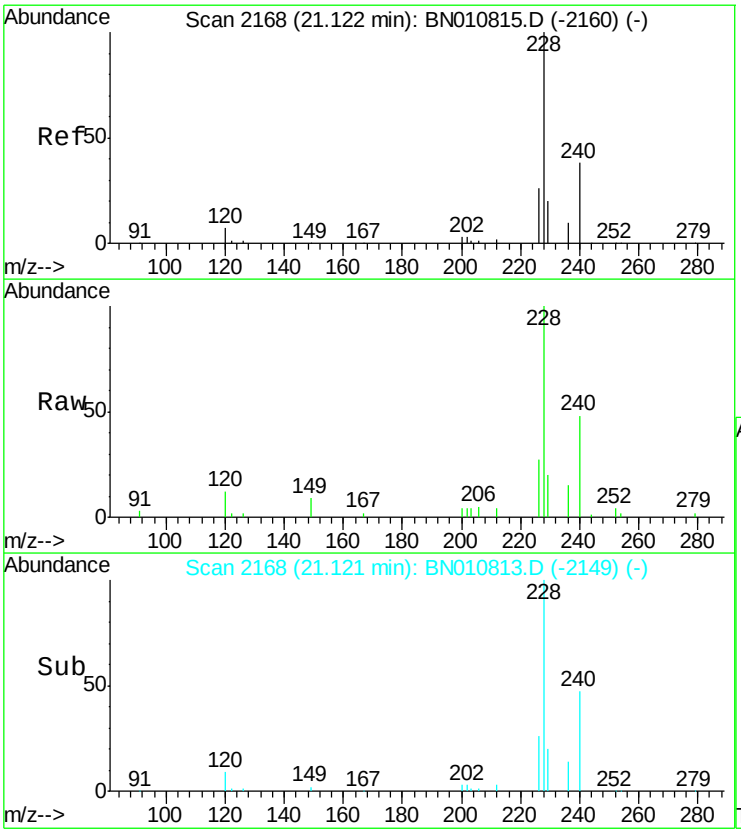
#29
Terphenyl-d14
Concen: 0.287 ng
RT: 19.58 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 7093

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.2
122	9.9	7.5	11.3

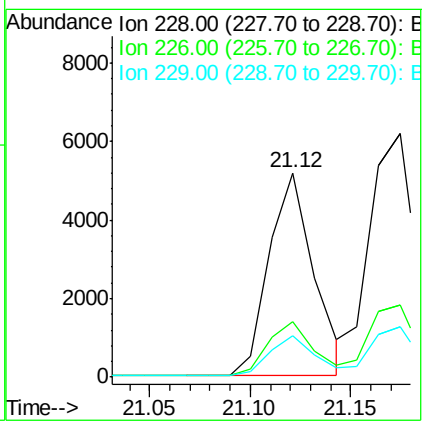


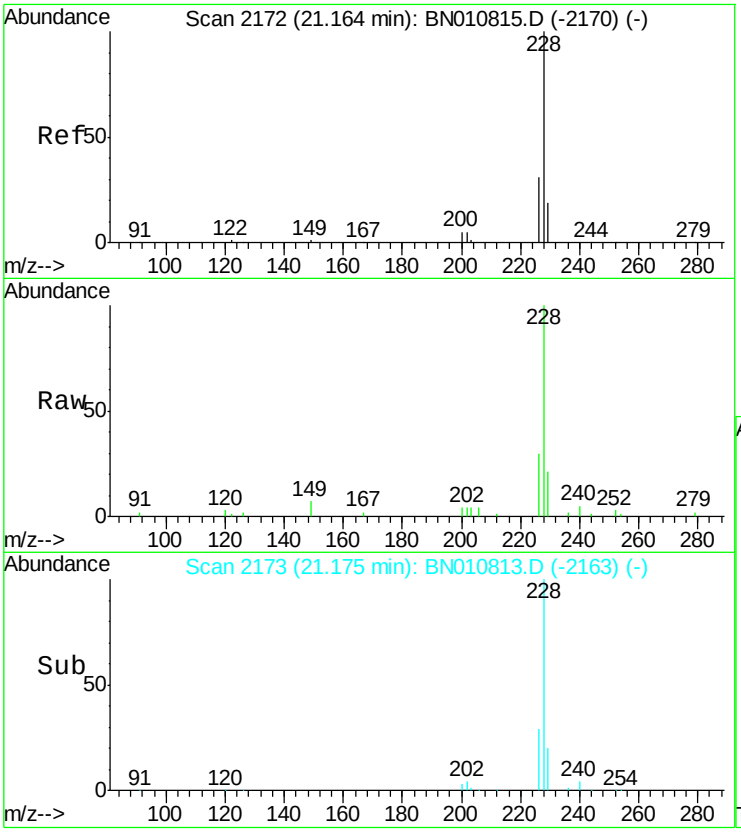


#30
Benzo(a)anthracene
Concen: 0.245 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:228 Resp: 7967

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.3	31.9
229	20.4	16.6	24.8



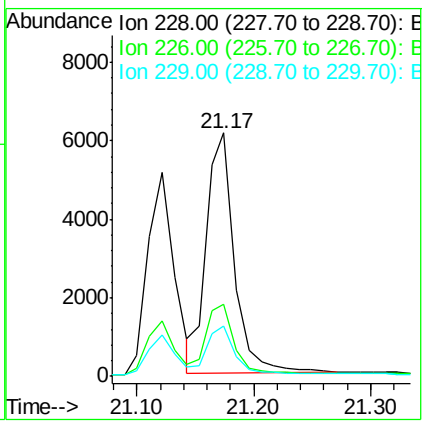


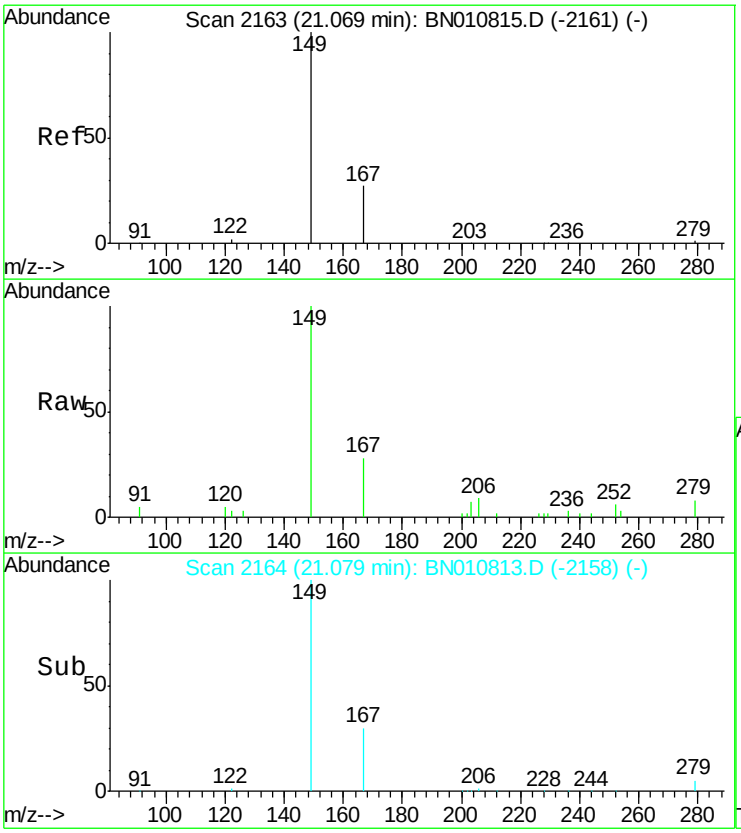
#31
Chrysene
Concen: 0.276 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 10185

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	20.8	16.1	24.1

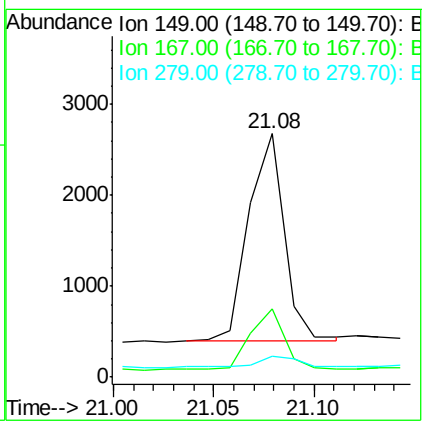


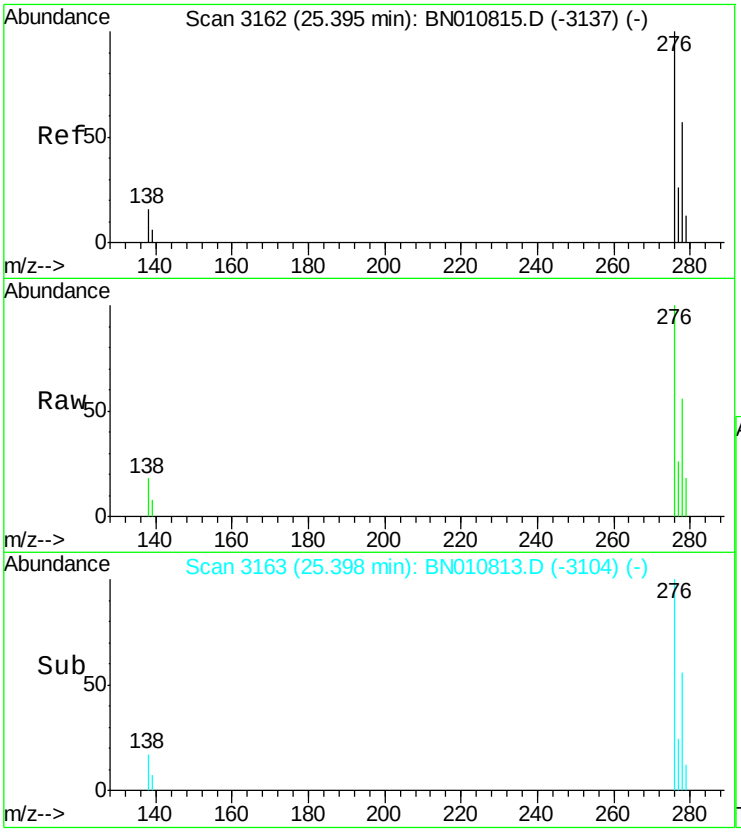


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.260 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:149 Resp: 2788

Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.1	36.1
279	5.1	4.6	7.0



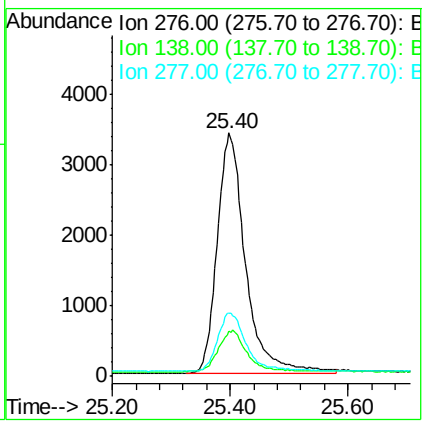


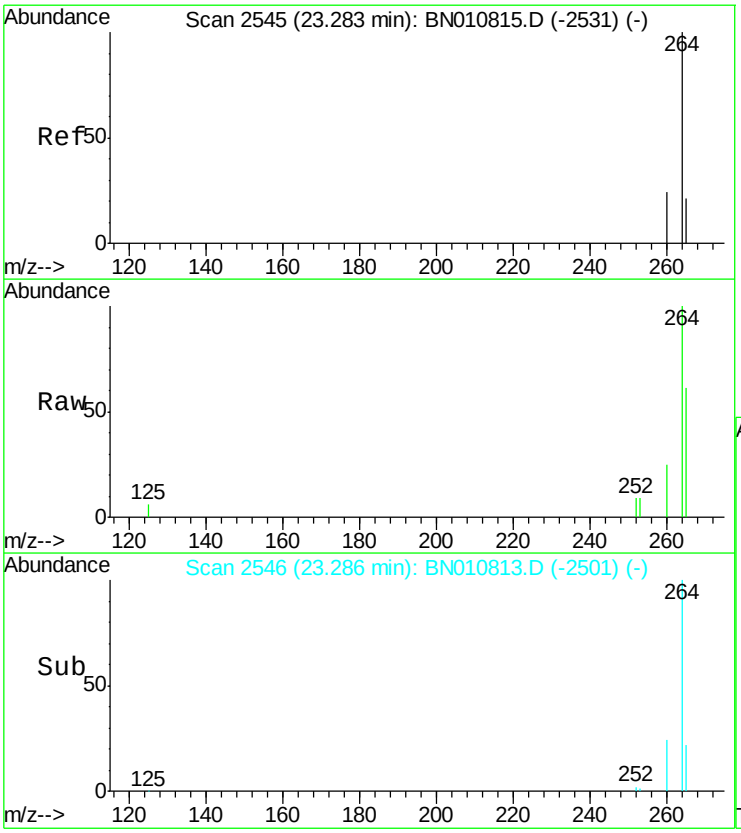
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.255 ng
RT: 25.40 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 11306

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.0	19.6
277	25.0	19.7	29.5

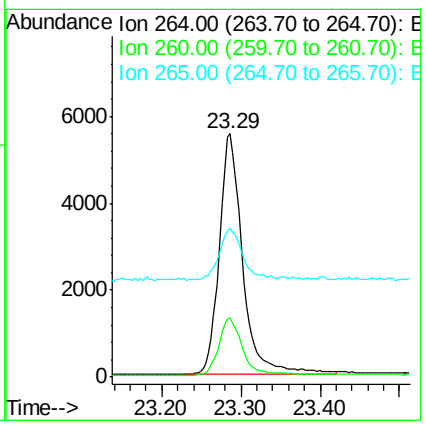


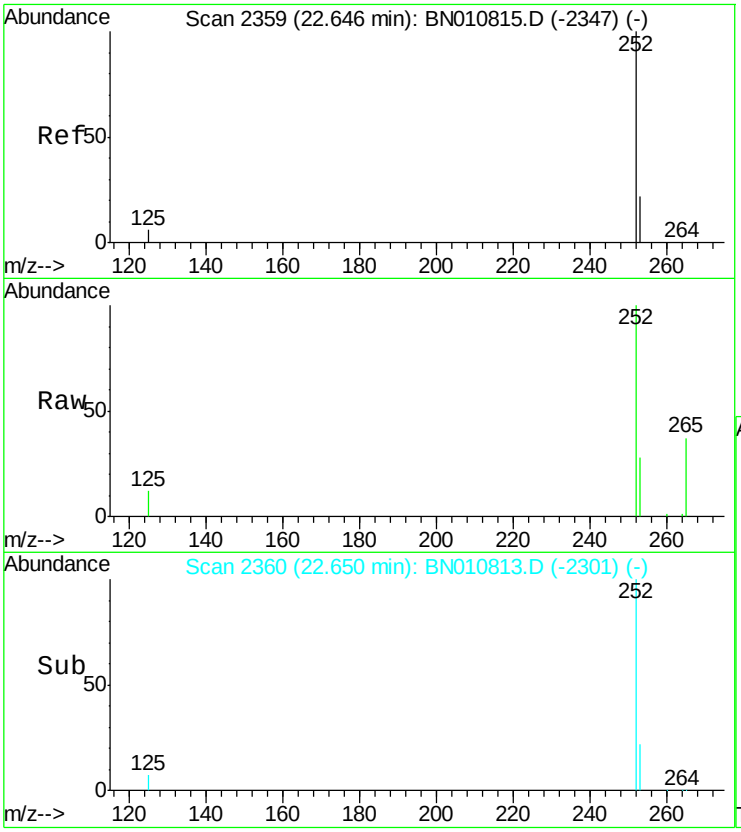


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:264 Resp: 11268

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	61.4	75.0	112.4#



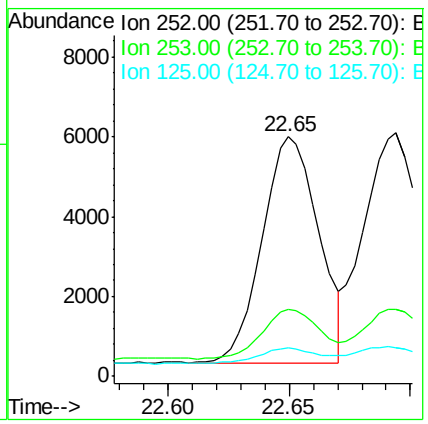


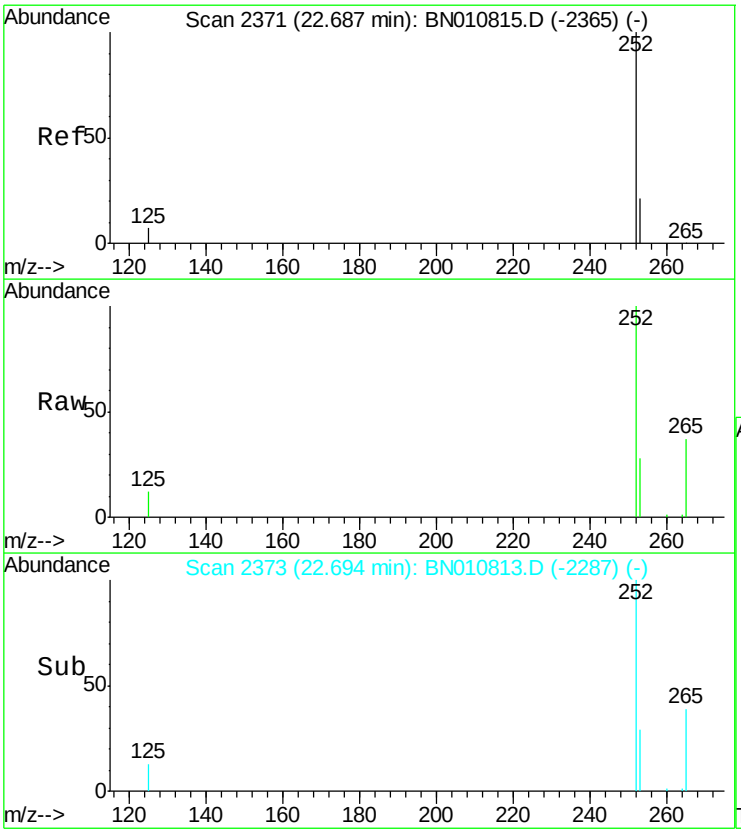
#35
Benzo(b)fluoranthene
Concen: 0.252 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 9234

Ion	Ratio	Lower	Upper
252	100		
253	27.8	22.4	33.6
125	12.0	9.4	14.0

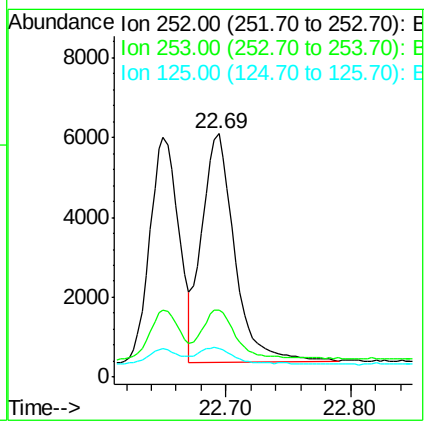


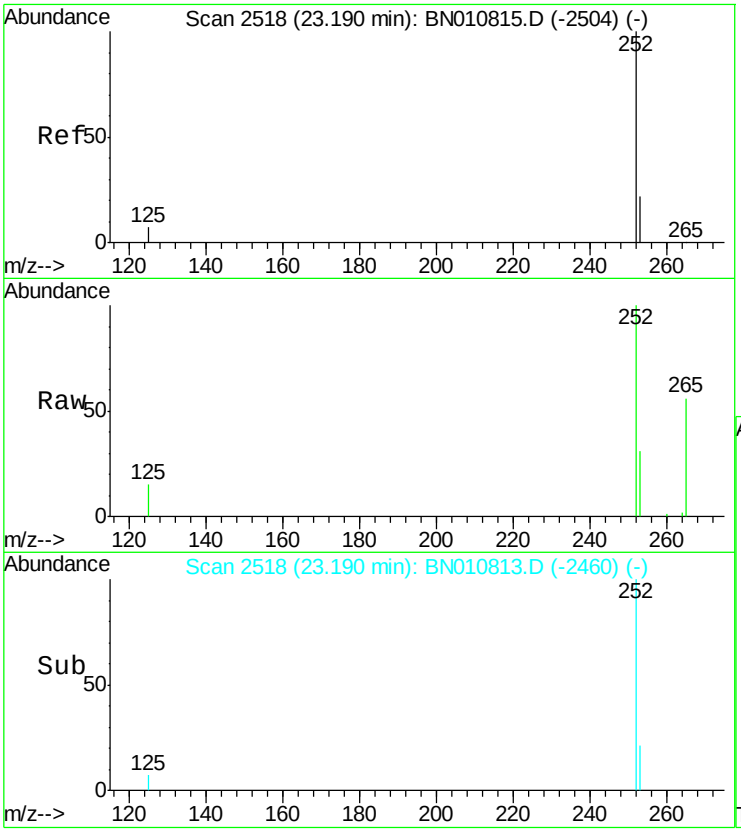


#36
Benzo(k)fluoranthene
Concen: 0.259 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:252 Resp: 10454

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.2	33.4
125	11.8	9.8	14.8



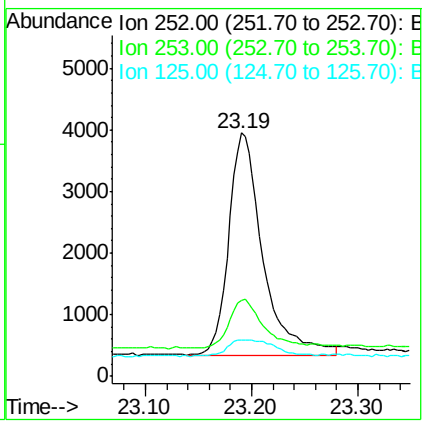


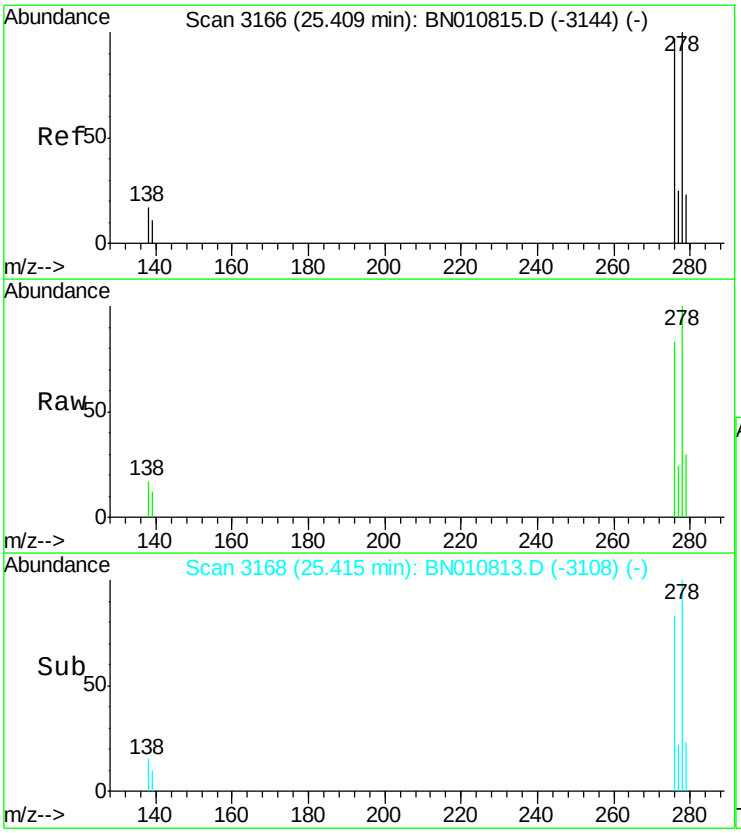
#37
Benzo(a)pyrene
Concen: 0.245 ng
RT: 23.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 8020

Ion	Ratio	Lower	Upper
252	100		
253	30.9	25.8	38.8
125	15.1	12.4	18.6

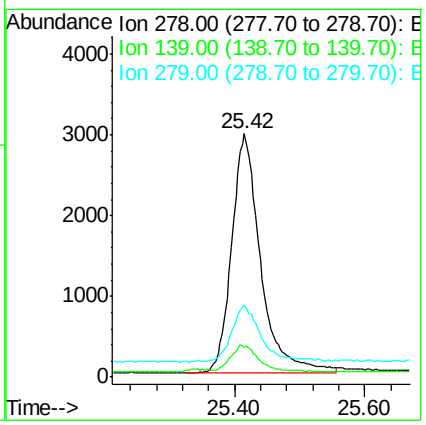


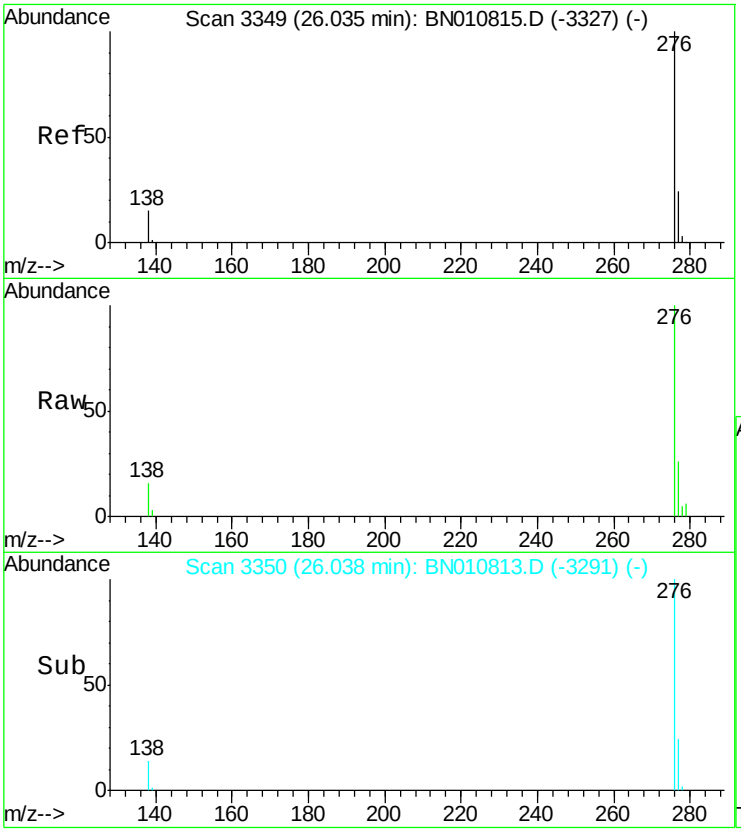


#38
Dibenzo(a,h)anthracene
Concen: 0.249 ng
RT: 25.42 min Scan# 3168
Delta R.T. 0.01 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Tgt Ion:278 Resp: 9170

Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.6	15.8
279	29.5	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.257 ng
RT: 26.04 min Scan# 3350
Delta R.T. 0.00 min
Lab File: BN010813.D
Acq: 10 Jun 2020 11:39

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 9814

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.5	30.7
138	16.3	13.7	20.5