Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010818.D
Acq On : 10 Jun 2020 14:37
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Jun 10 15:11:23 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	2500	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	7500	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	4165	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	8359	0.40	ng		-0.01
27) Chrysene-d12	21.13	240	8919	0.40	ng		0.00
34) Perylene-d12	23.28	264	8219	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	24359	4.89	ng		0.00
5) Phenol-d6	6.74	99	29739	5.05	ng		0.00
8) Nitrobenzene-d5	8.68	82	30234	5.50	ng		-0.01
11) 2-Methylnaphthalene-d10	11.90	152	59540	5.24	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	8428	5.79	ng		-0.01
15) 2-Fluorobiphenyl	12.80	172	83244	5.13	ng		0.00
25) Fluoranthene-d10	18.96	212	128599	5.54	ng		0.00
29) Terphenyl-d14	19.57	244	100276	5.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	11756	4.756	ng		99
3) n-Nitrosodimethylamine	3.51	42	8035	5.583	ng	#	95
6) bis(2-Chloroethyl)ether	6.99	93	27724	4.937	ng		96
9) Naphthalene	10.35	128	94751	5.072	ng		97
10) Hexachlorobutadiene	10.66	225	22337	4.900	ng	#	99
12) 2-Methylnaphthalene	11.97	142	64707	5.226	ng		99
16) Acenaphthylene	13.89	152	93896	5.563	ng		100
17) Acenaphthene	14.24	154	60176	5.259	ng		97
18) Fluorene	15.23	166	78547	5.290	ng		100
20) 4-Bromophenyl-phenylether	16.12	248	27029	5.545	ng	#	87
21) Hexachlorobenzene	16.24	284	26102	5.071	ng		100
22) Pentachlorophenol	16.58	266	10344	5.901	ng		93
23) Phenanthrene	16.96	178	120735	5.343	ng		99
24) Anthracene	17.06	178	109855	5.739	ng		100
26) Fluoranthene	18.99	202	146025	5.583	ng		99
28) Pyrene	19.36	202	142737	5.050	ng		100
30) Benzo(a)anthracene	21.11	228	145178	5.544	ng		98
31) Chrysene	21.16	228	149440	5.024	ng		98
32) Bis(2-ethylhexyl)phthalate	21.07	149	43566	5.037	ng		96
33) Indeno(1,2,3-cd)pyrene	25.39	276	183020	5.122	ng		97
35) Benzo(b)fluoranthene	22.64	252	151629	5.665	ng	#	89
36) Benzo(k)fluoranthene	22.69	252	150550	5.111	ng	#	89
37) Benzo(a)pyrene	23.19	252	131400	5.499	ng	#	82
38) Dibenzo(a,h)anthracene	25.40	278	151021	5.611	ng		92
39) Benzo(g,h,i)perylene	26.03	276	152514	5.480	ng		97

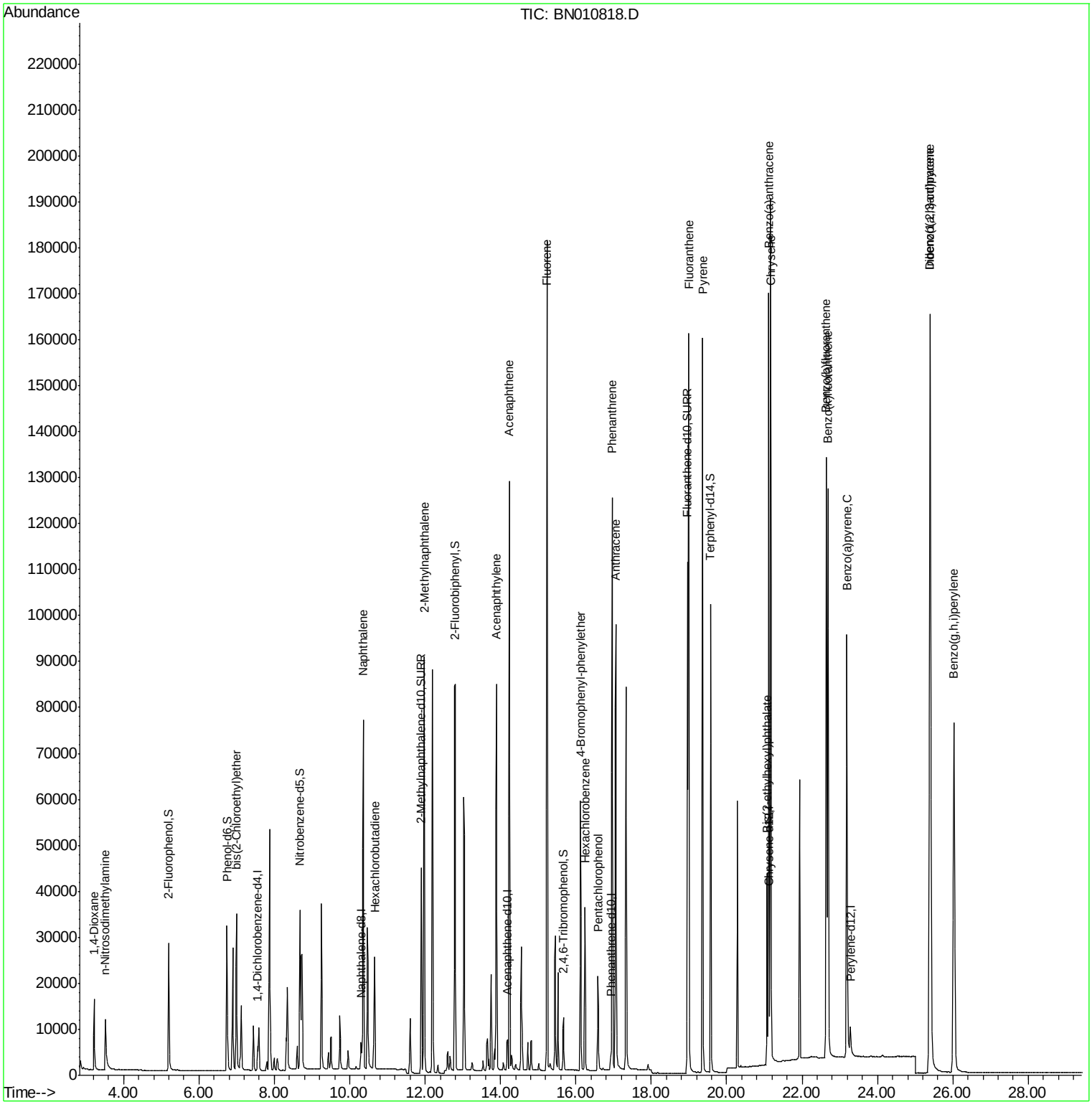
(#) = qualifier out of range (m) = manual integration (+) = signals summed

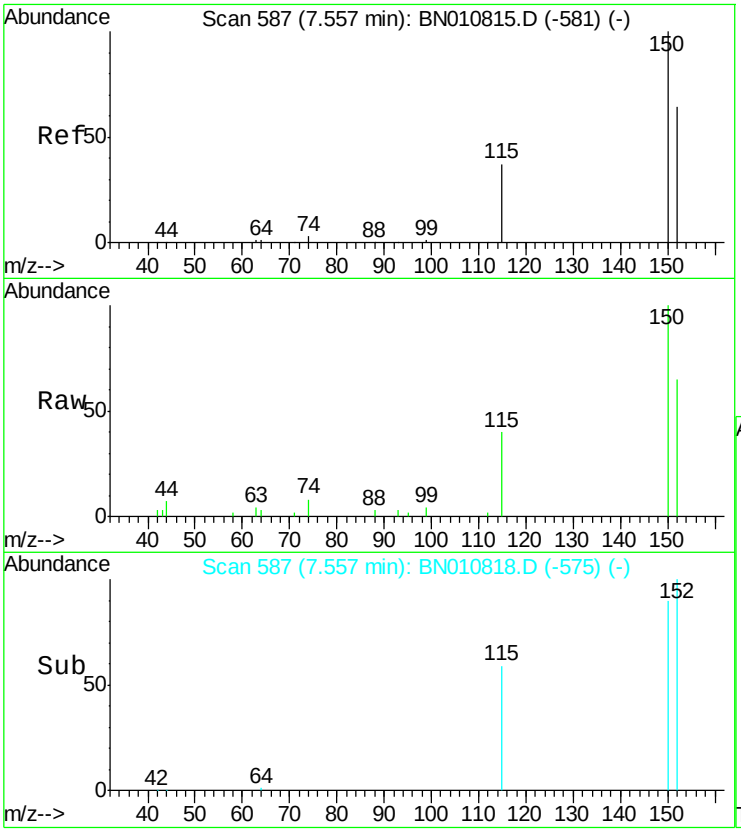
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010818.D
Acq On : 10 Jun 2020 14:37
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 10 15:11:23 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



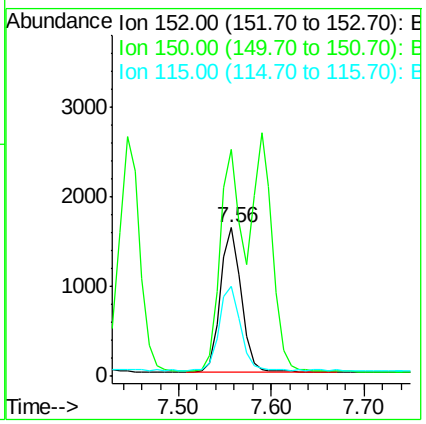


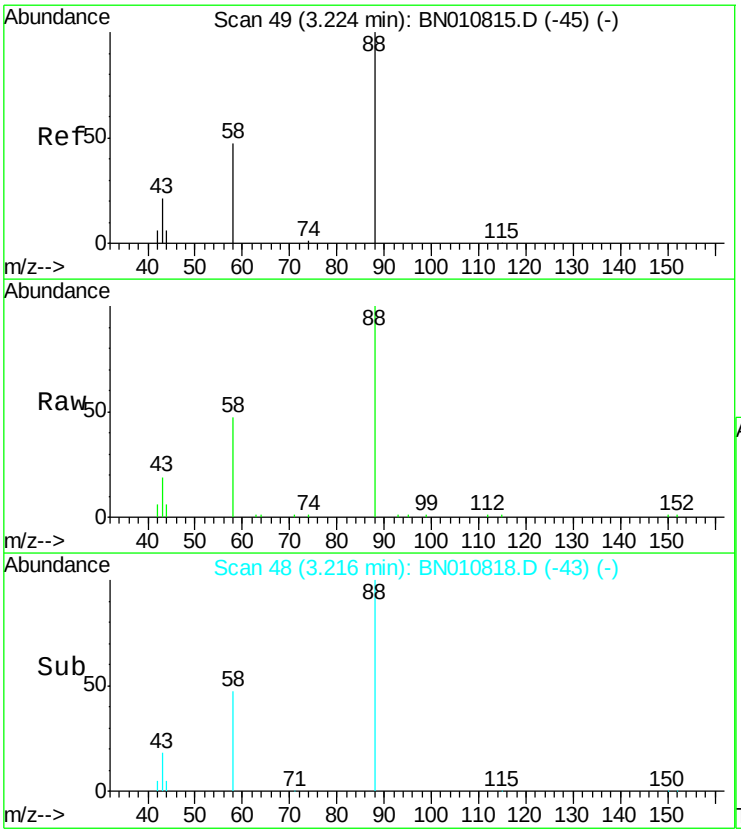
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 2500

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.8	185.6
115	61.0	49.2	73.8

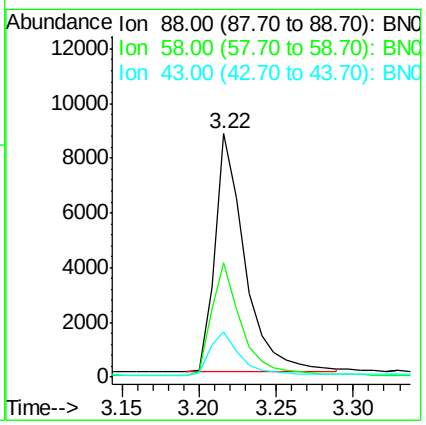


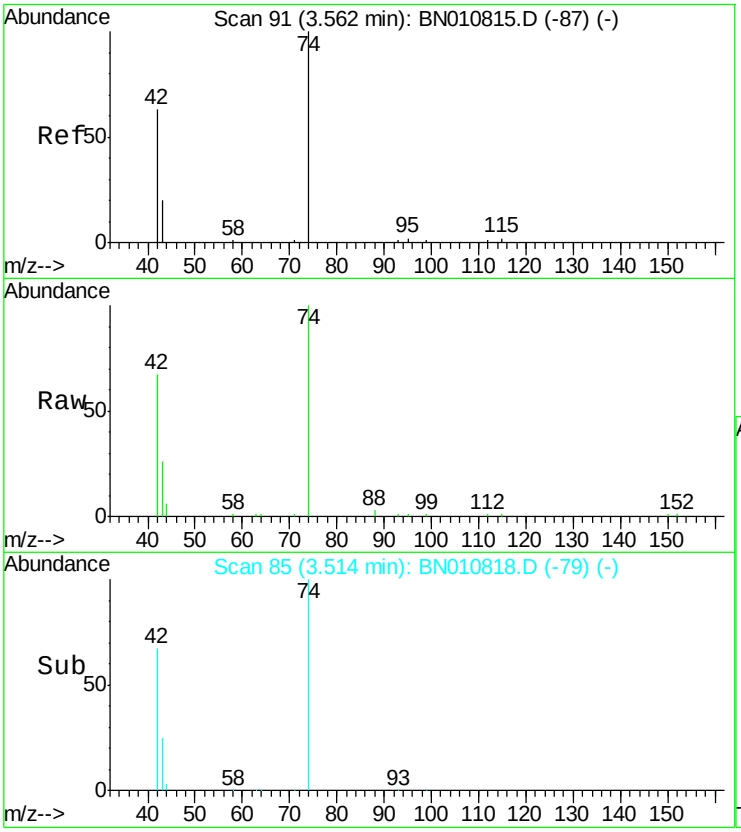


#2
1,4-Dioxane
Concen: 4.756 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion: 88 Resp: 11756

Ion	Ratio	Lower	Upper
88	100		
58	47.4	38.2	57.4
43	18.5	15.1	22.7



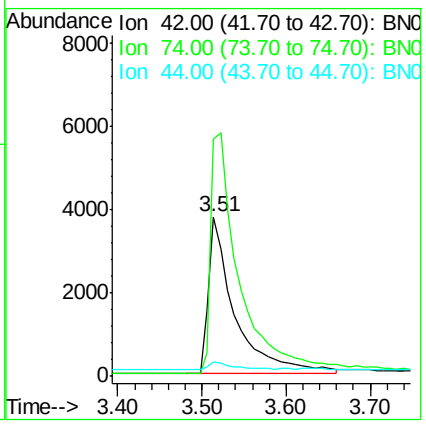


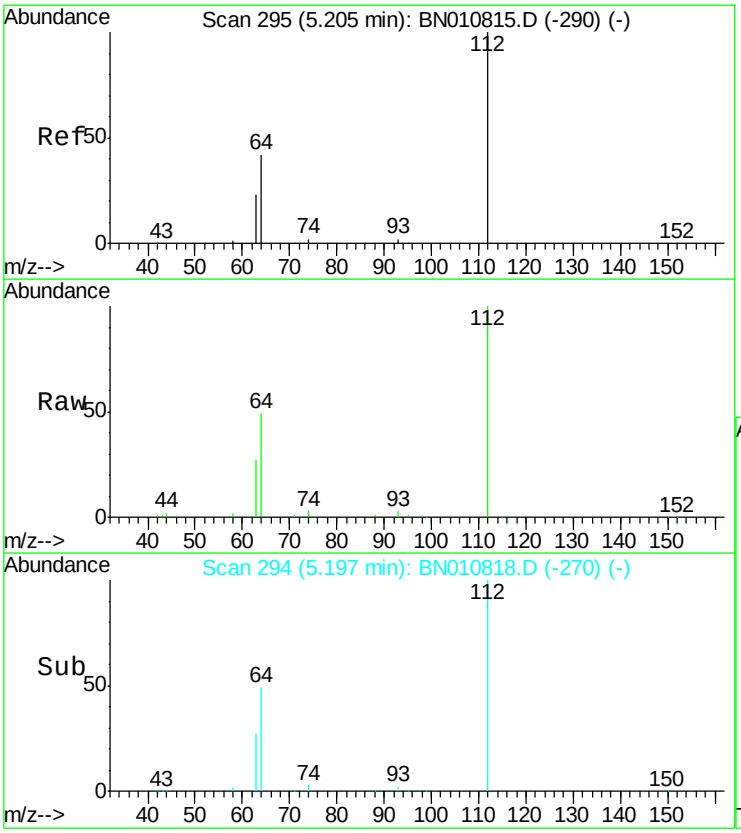
#3
n-Nitrosodimethylamine
Concen: 5.583 ng
RT: 3.51 min Scan# 85
Delta R.T. -0.05 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 8035

Ion	Ratio	Lower	Upper
42	100		
74	169.0	140.7	211.1
44	5.1	1.4	2.2#

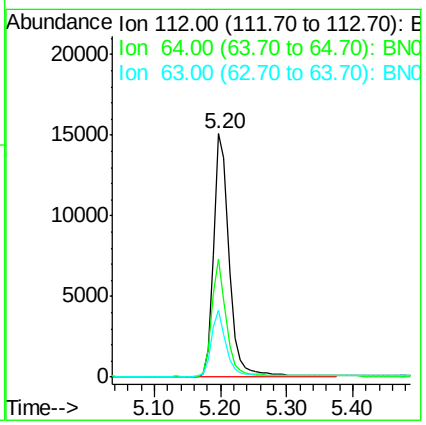


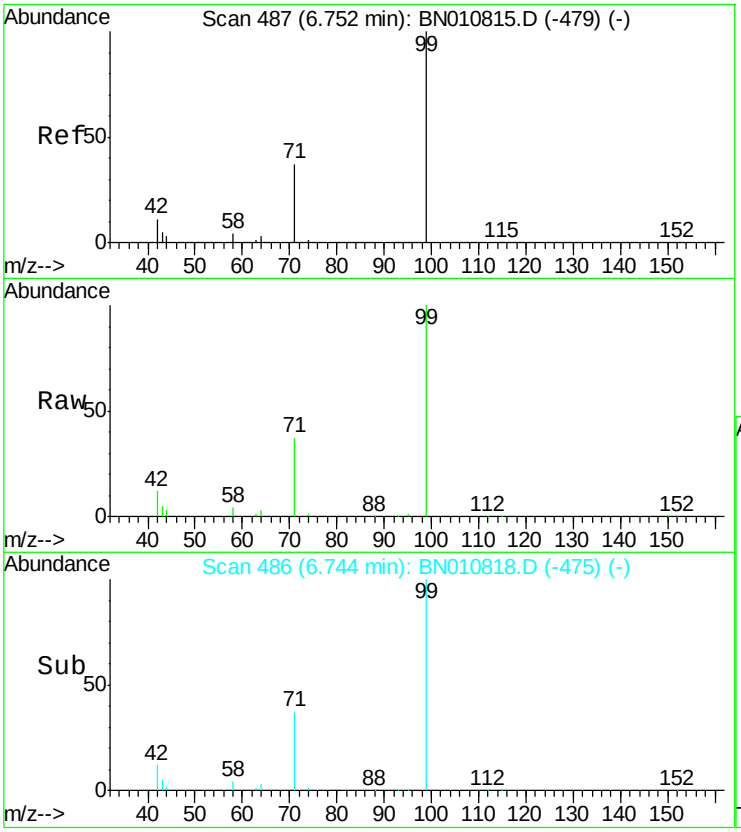


#4
2-Fluorophenol
Concen: 4.886 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:112 Resp: 24359

Ion	Ratio	Lower	Upper
112	100		
64	45.8	37.4	56.0
63	25.9	22.2	33.4



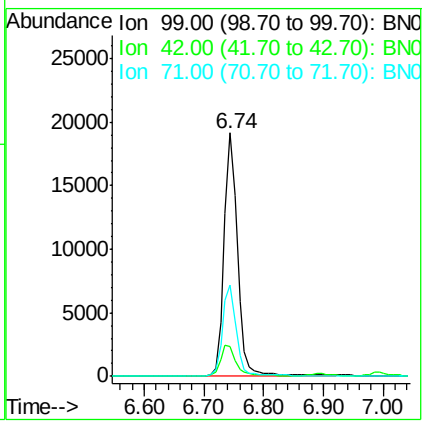


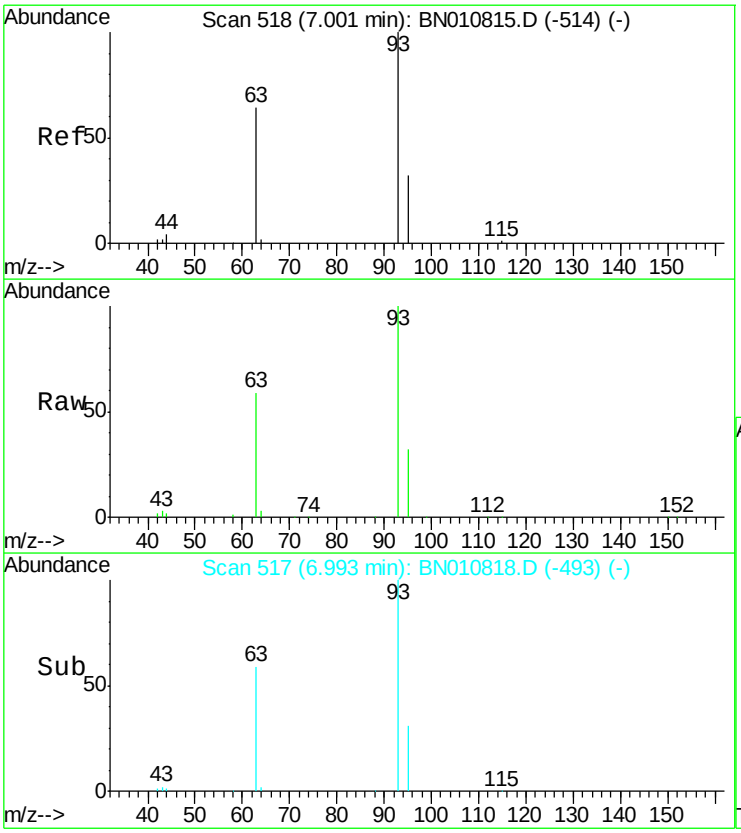
#5
Phenol-d6
Concen: 5.047 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 29739

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.1	16.7
71	37.9	31.4	47.2

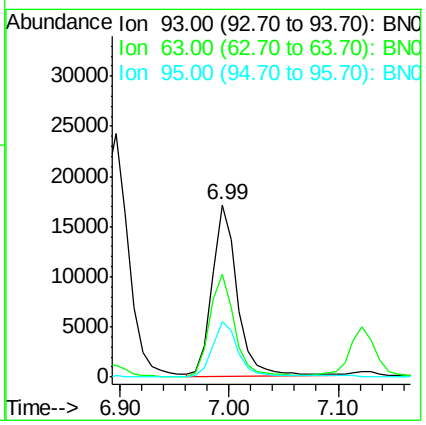


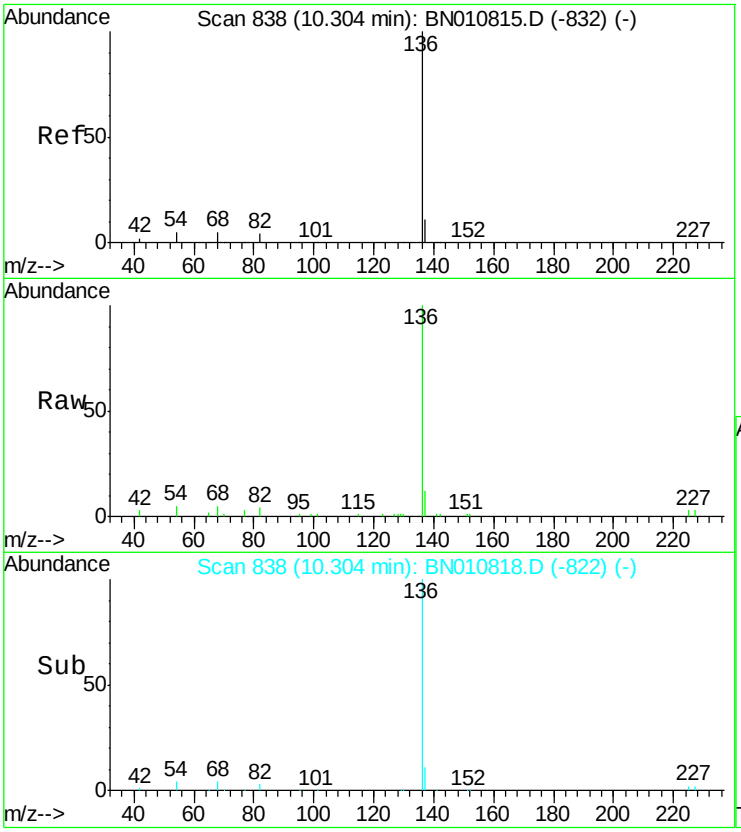


#6
bis(2-Chloroethyl)ether
Concen: 4.937 ng
RT: 6.99 min Scan# 517
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion: 93 Resp: 27724

Ion	Ratio	Lower	Upper
93	100		
63	57.9	49.4	74.2
95	32.0	26.7	40.1



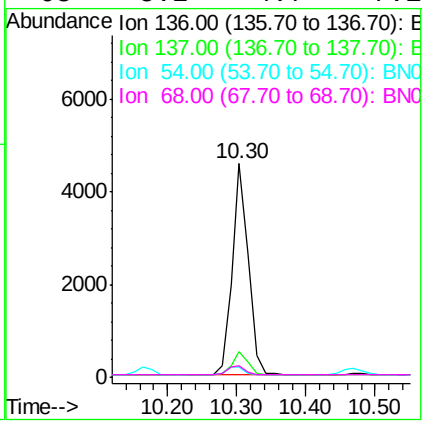


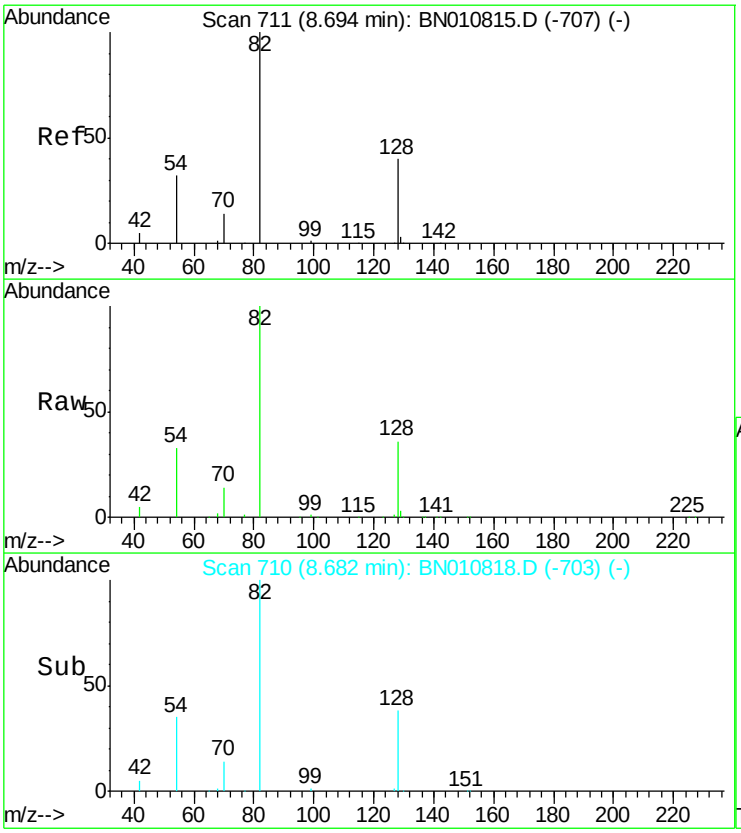
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 7500

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.7	14.5
54	4.7	4.9	7.3#
68	5.2	4.7	7.1

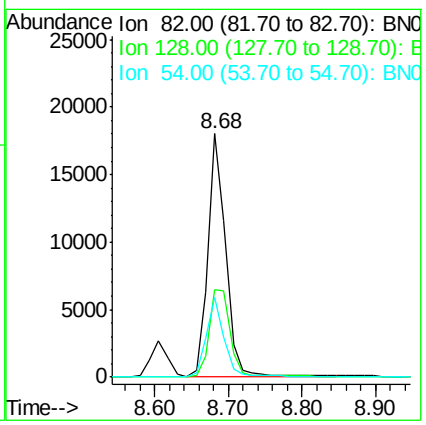


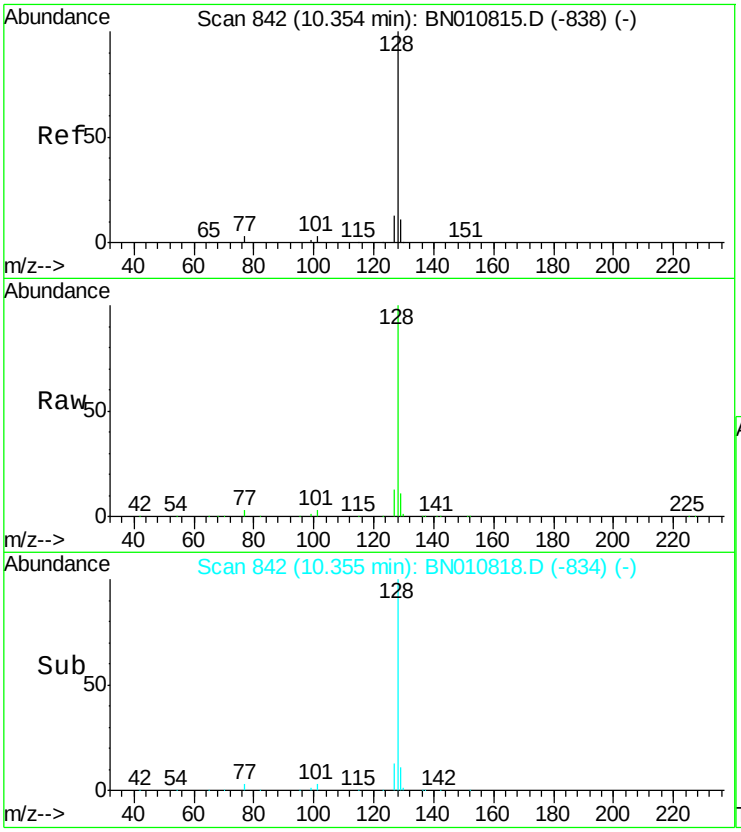


#8
Nitrobenzene-d5
Concen: 5.496 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion: 82 Resp: 30234

Ion	Ratio	Lower	Upper
82	100		
128	35.9	35.4	53.0
54	32.9	28.2	42.4



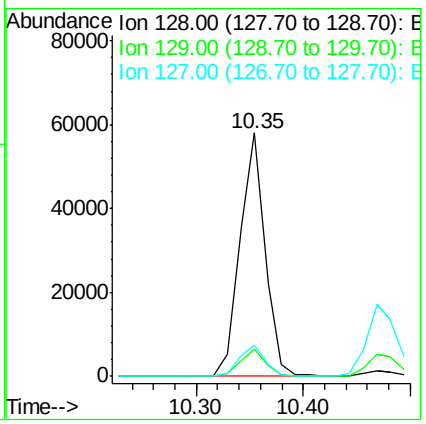


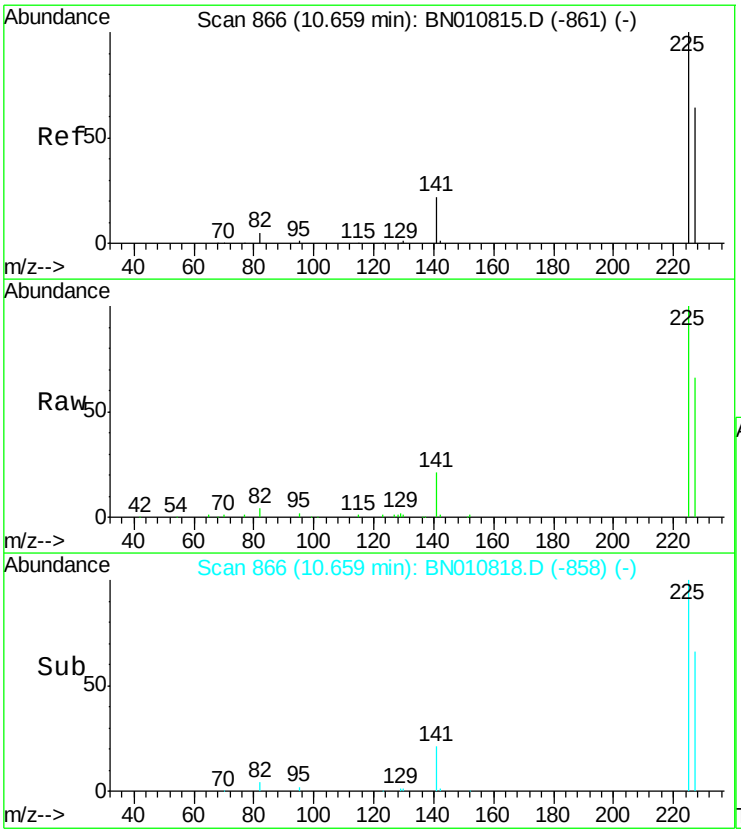
#9
Naphthalene
Concen: 5.072 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 94751

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.6	14.4
127	13.0	11.4	17.2

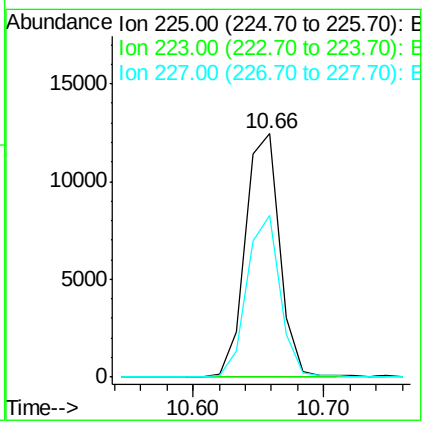


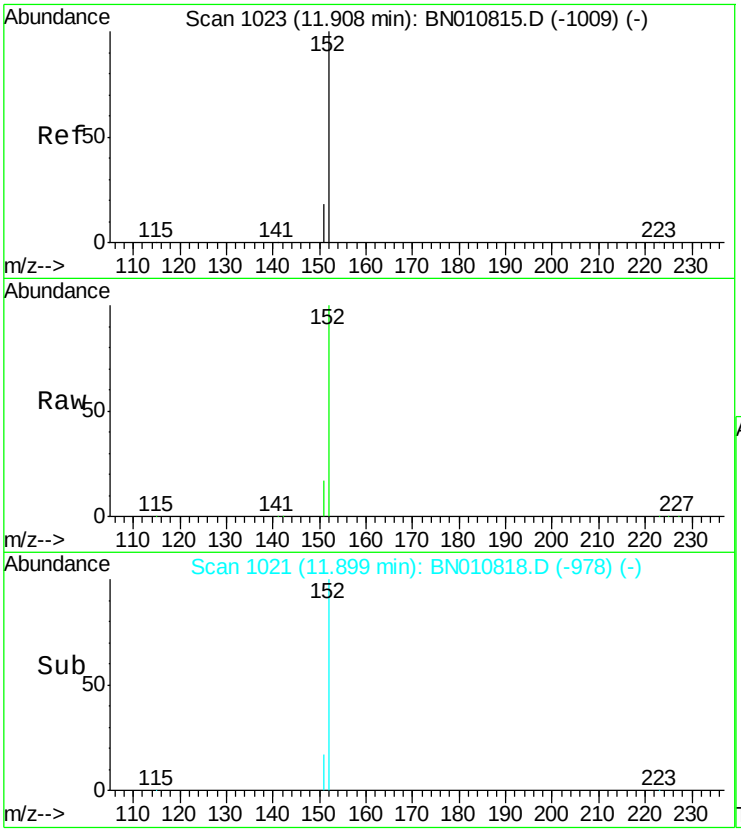


#10
Hexachlorobutadiene
Concen: 4.900 ng
RT: 10.66 min Scan# 866
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:225 Resp: 22337

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.5	75.7



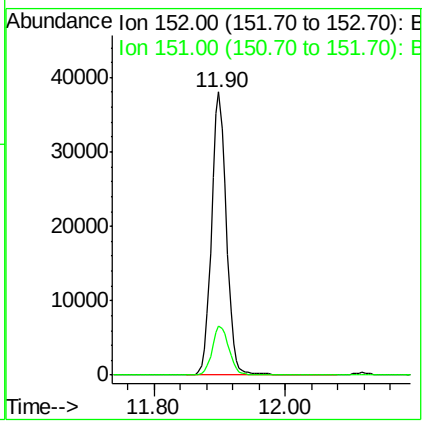


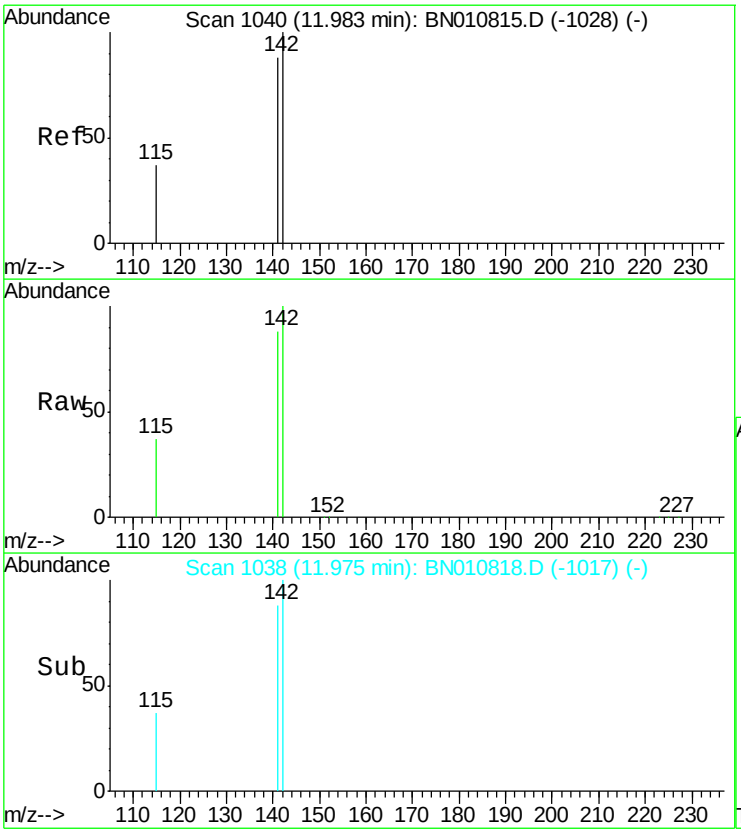
#11
2-Methylnaphthalene-d10
Concen: 5.235 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 59540

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

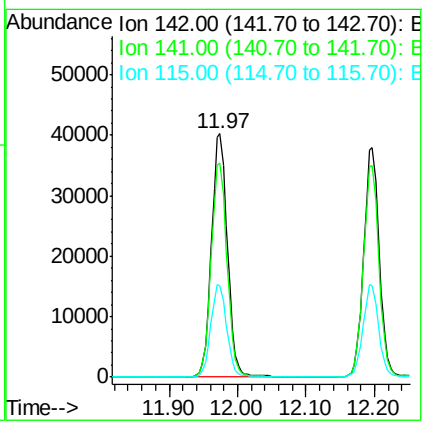


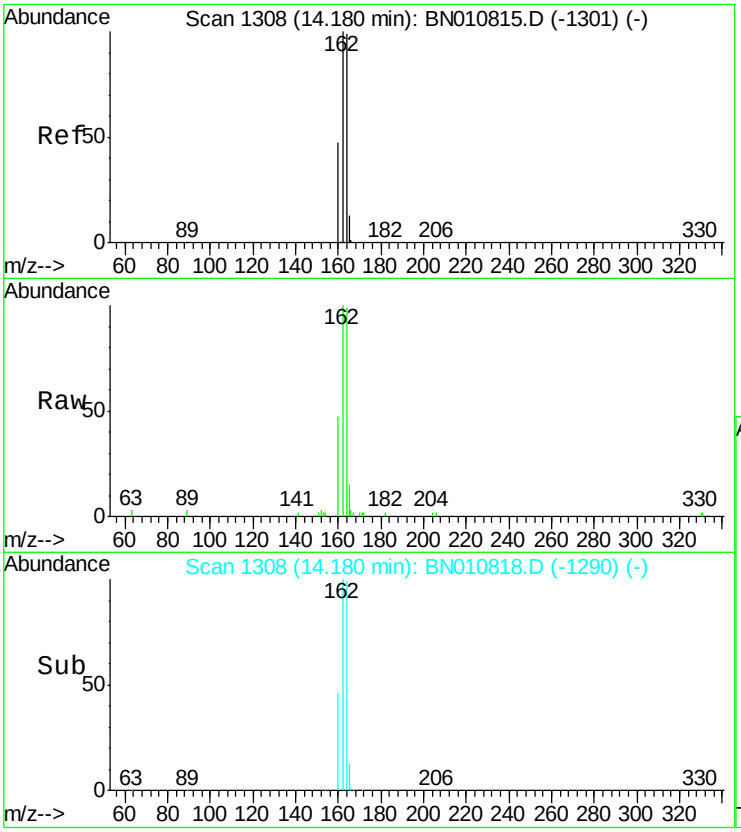


#12
2-Methylnaphthalene
Concen: 5.226 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:142 Resp: 64707

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	37.4	31.5	47.3



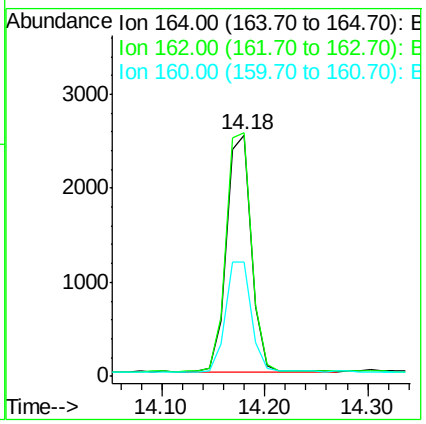


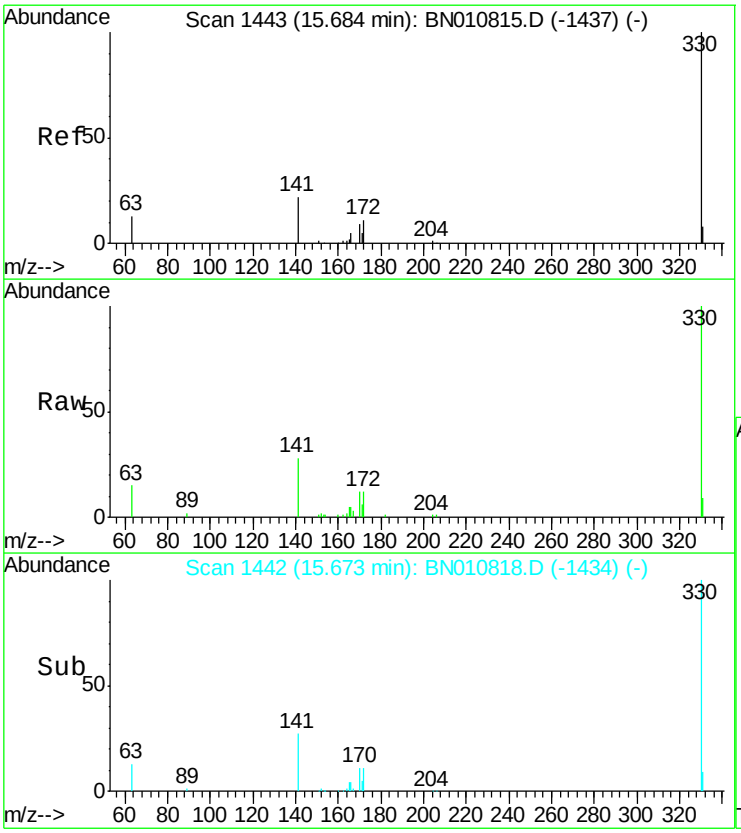
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 4165

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.0	121.6
160	47.5	38.9	58.3

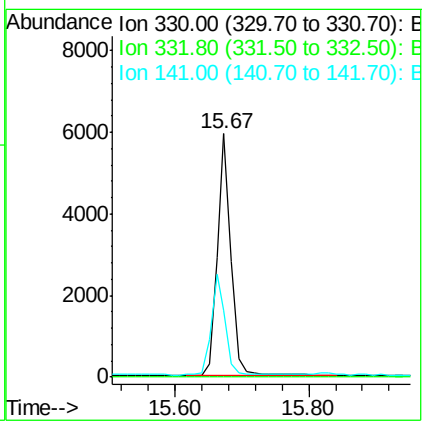


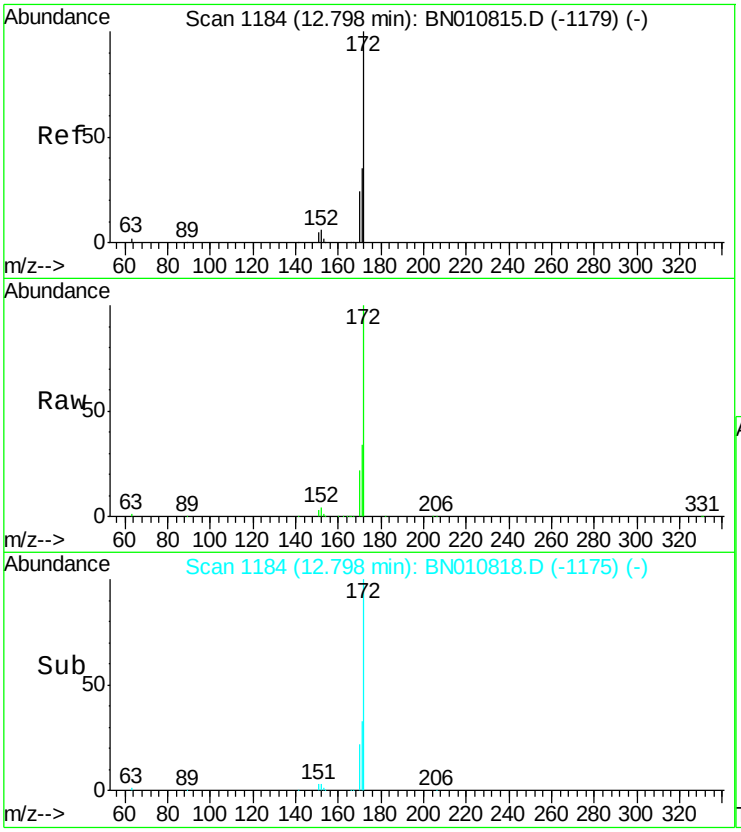


#14
2,4,6-Tribromophenol
Concen: 5.791 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:330 Resp: 8428

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.9	33.2	49.8



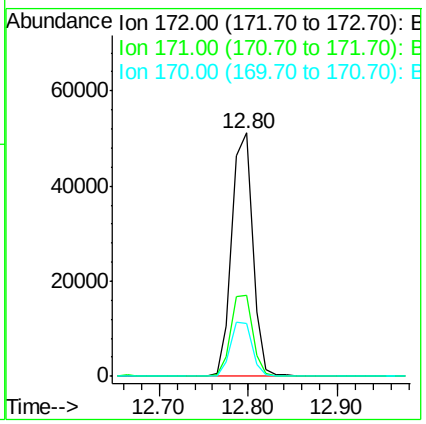


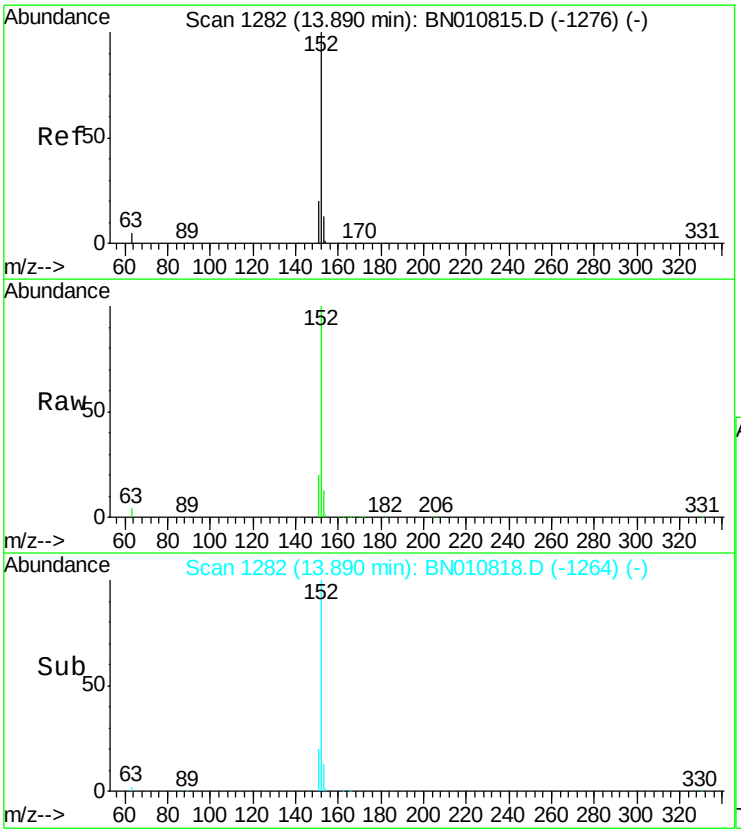
#15
2-Fluorobiphenyl
Concen: 5.130 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 83244

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.5	42.7
170	21.6	19.7	29.5

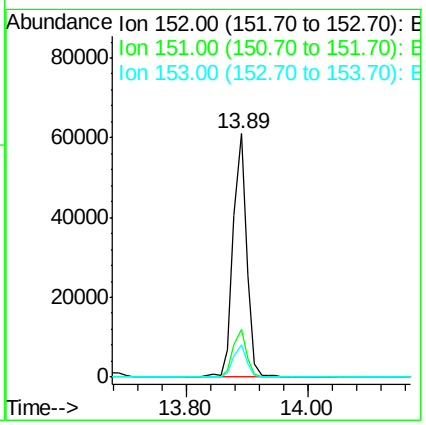


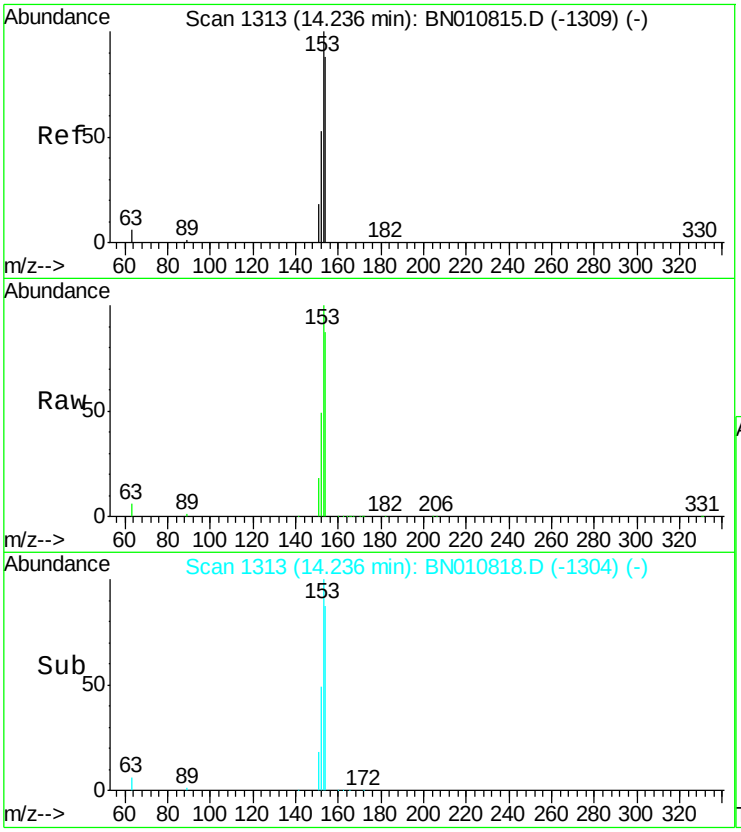


#16
Acenaphthylene
Concen: 5.563 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:152 Resp: 93896

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.0	10.6	16.0



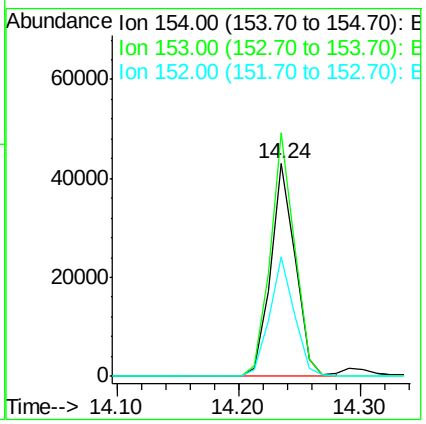


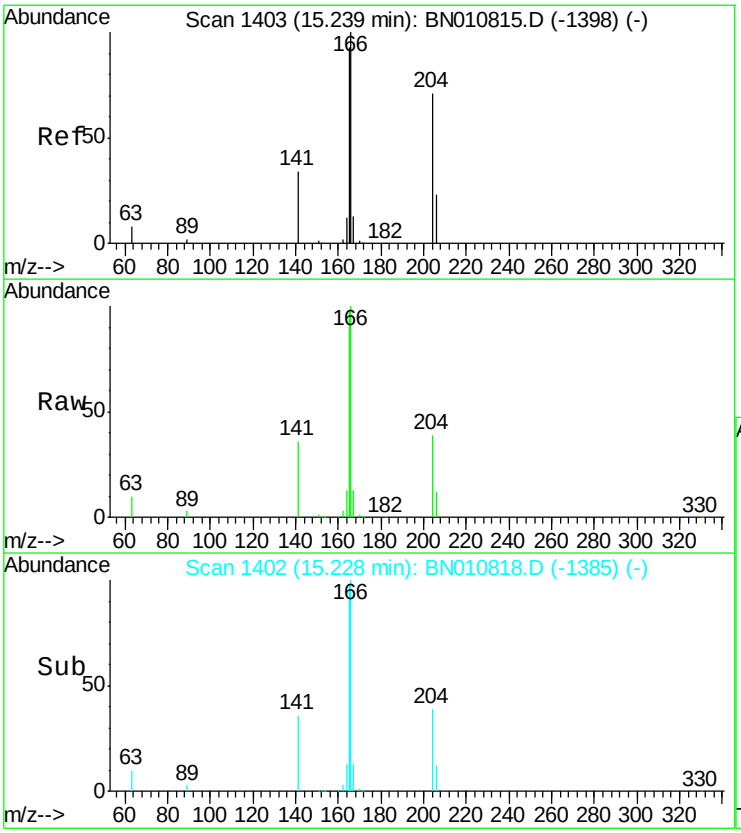
#17
Acenaphthene
Concen: 5.259 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 60176

Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.8	137.6
152	56.2	47.6	71.4

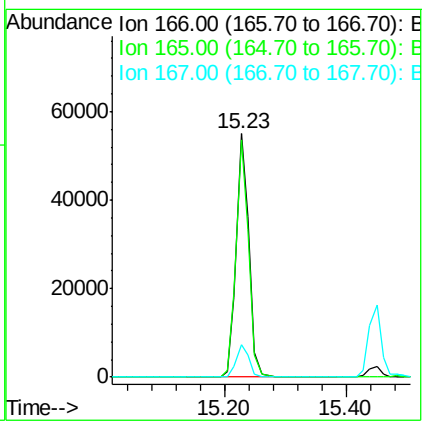


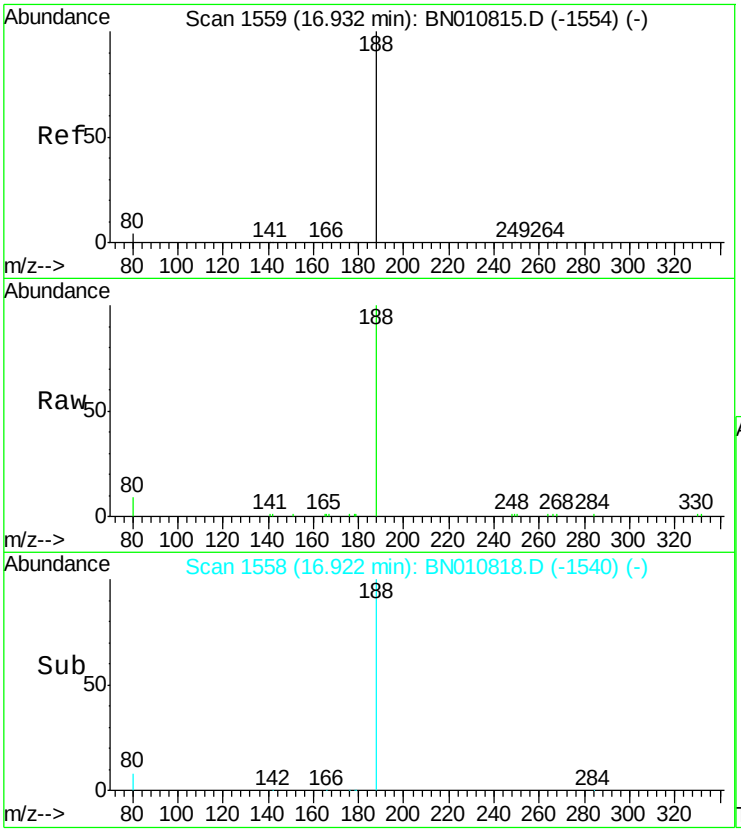


#18
Fluorene
Concen: 5.290 ng
RT: 15.23 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:166 Resp: 78547

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.2	115.8
167	13.4	10.7	16.1



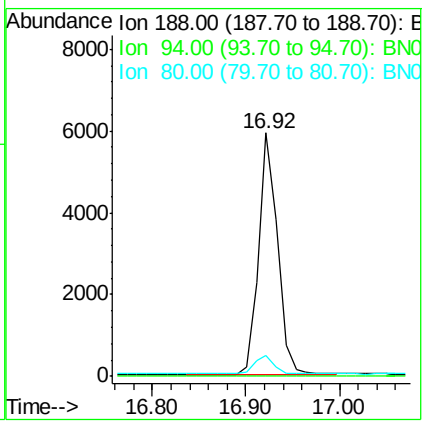


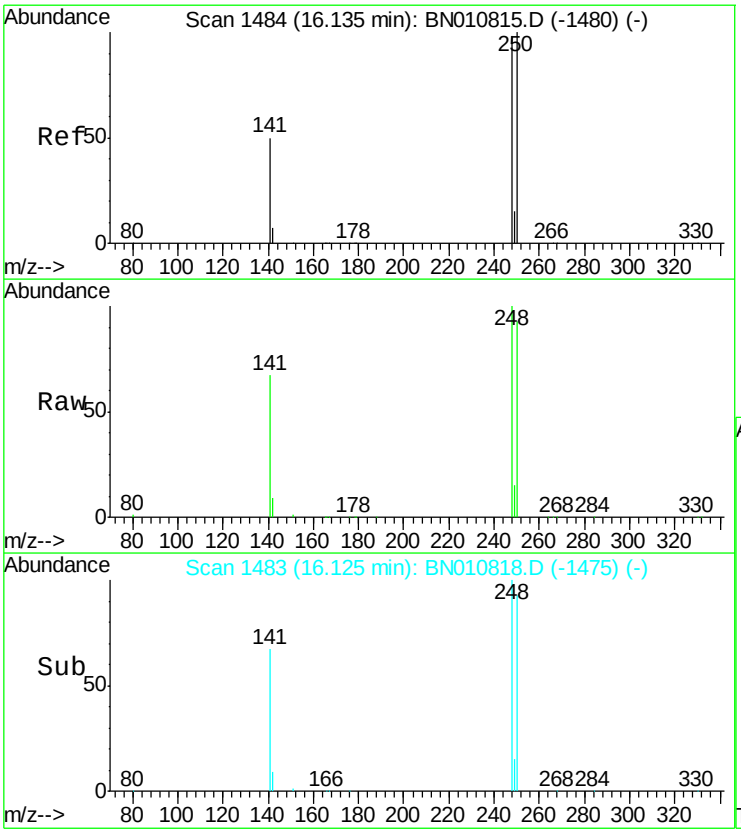
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 8359

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	4.5	6.7#

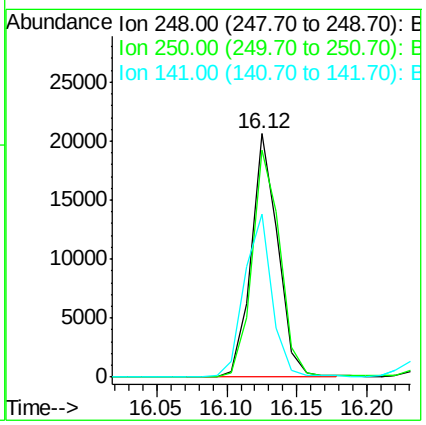


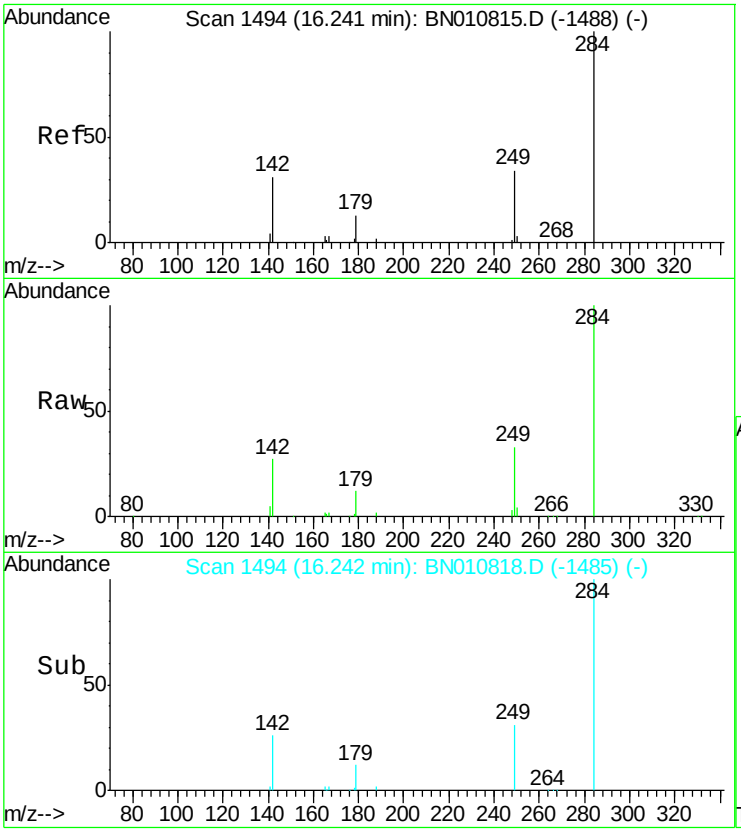


#20
4-Bromophenyl-phenylether
Concen: 5.545 ng
RT: 16.12 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:248 Resp: 27029

Ion	Ratio	Lower	Upper
248	100		
250	93.0	81.8	122.8
141	67.0	42.6	64.0#



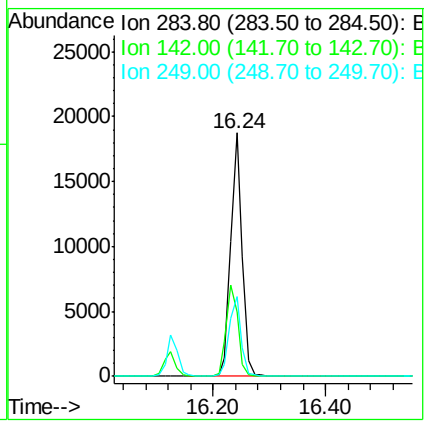


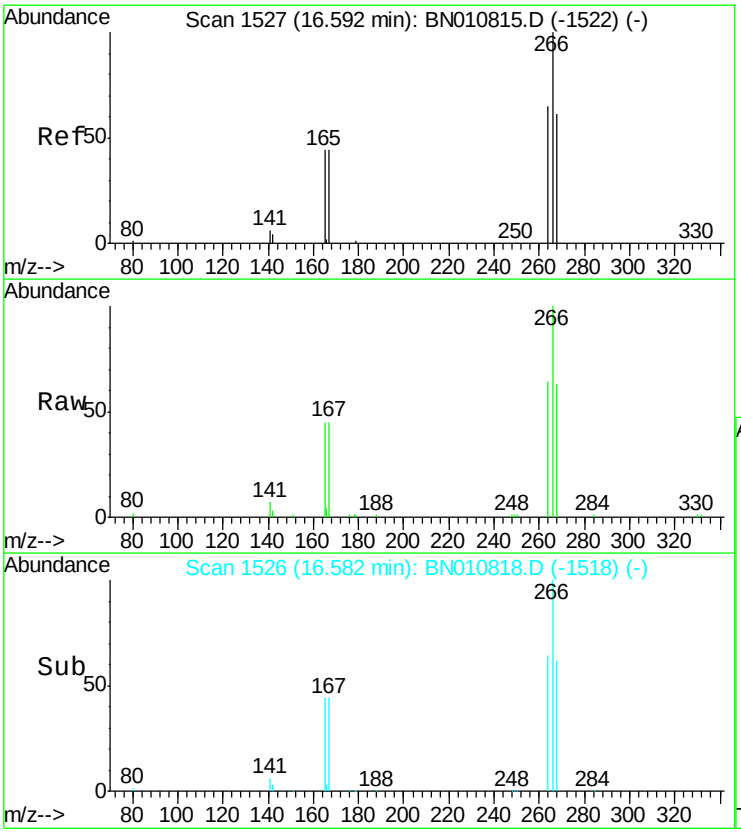
#21
Hexachlorobenzene
Concen: 5.071 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:284 Resp: 26102

Ion	Ratio	Lower	Upper
284	100		
142	38.7	31.0	46.4
249	33.7	27.1	40.7

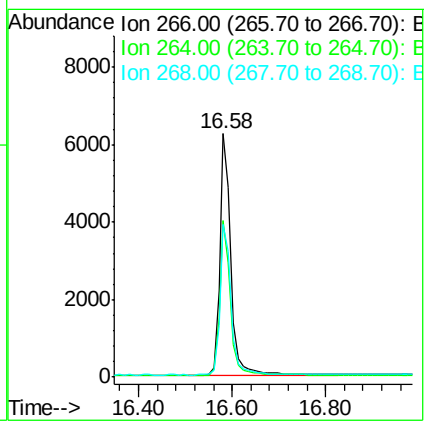


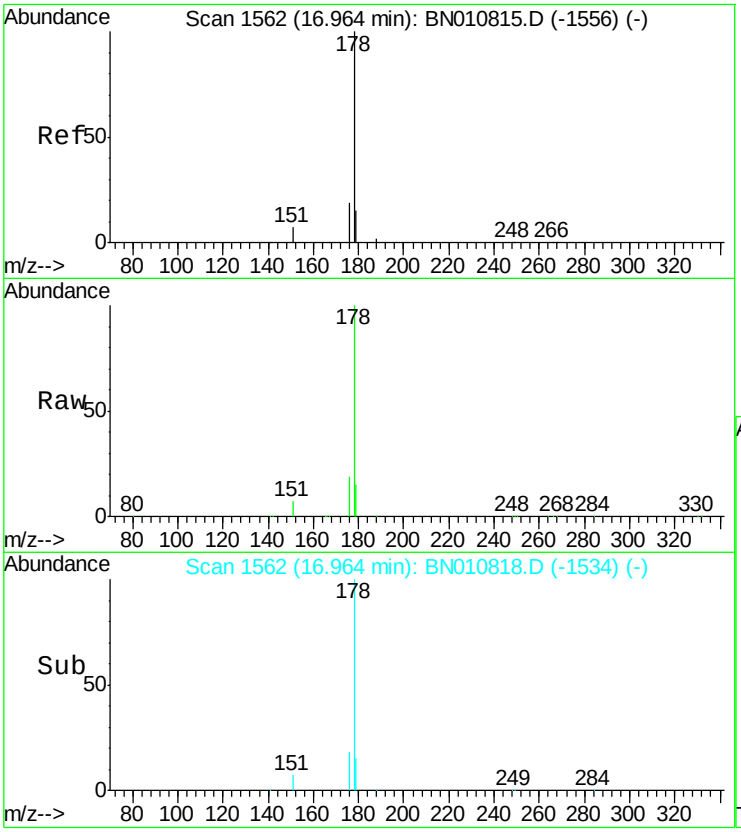


#22
Pentachlorophenol
Concen: 5.901 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:266 Resp: 10344

Ion	Ratio	Lower	Upper
266	100		
264	64.3	54.8	82.2
268	62.8	55.9	83.9



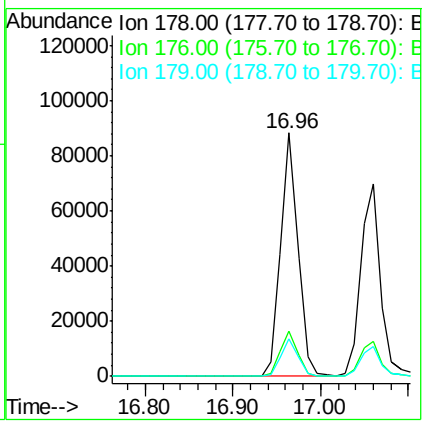


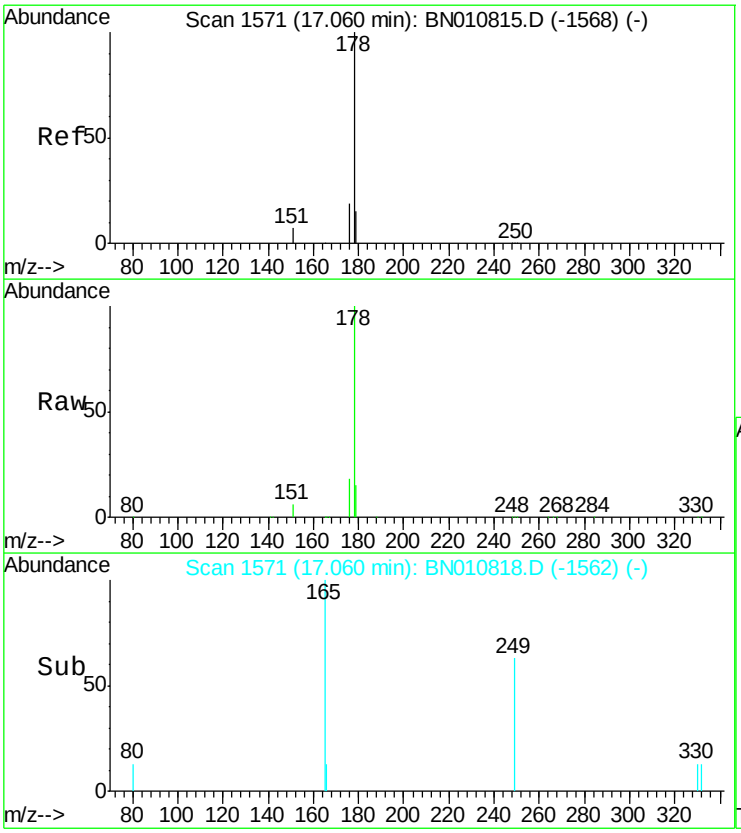
#23
Phenanthrene
Concen: 5.343 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 120735

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.6	19.0

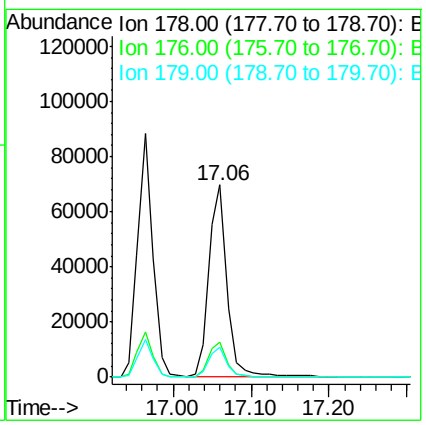


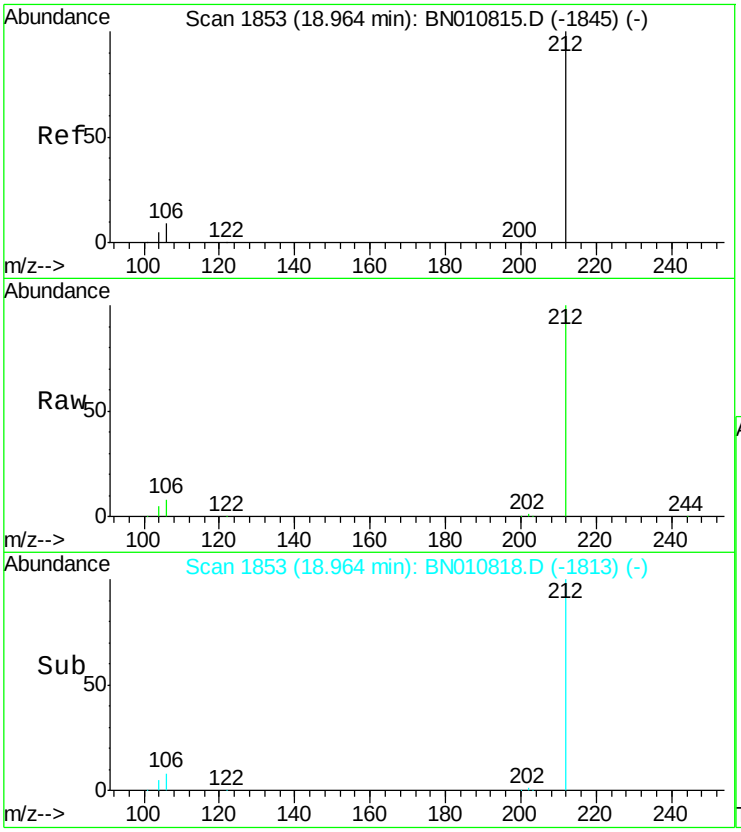


#24
Anthracene
Concen: 5.739 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:178 Resp: 109855

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.3	12.3	18.5



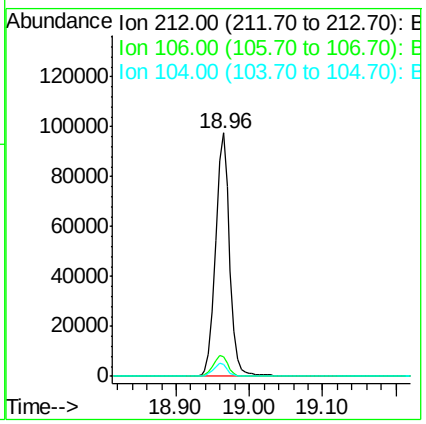


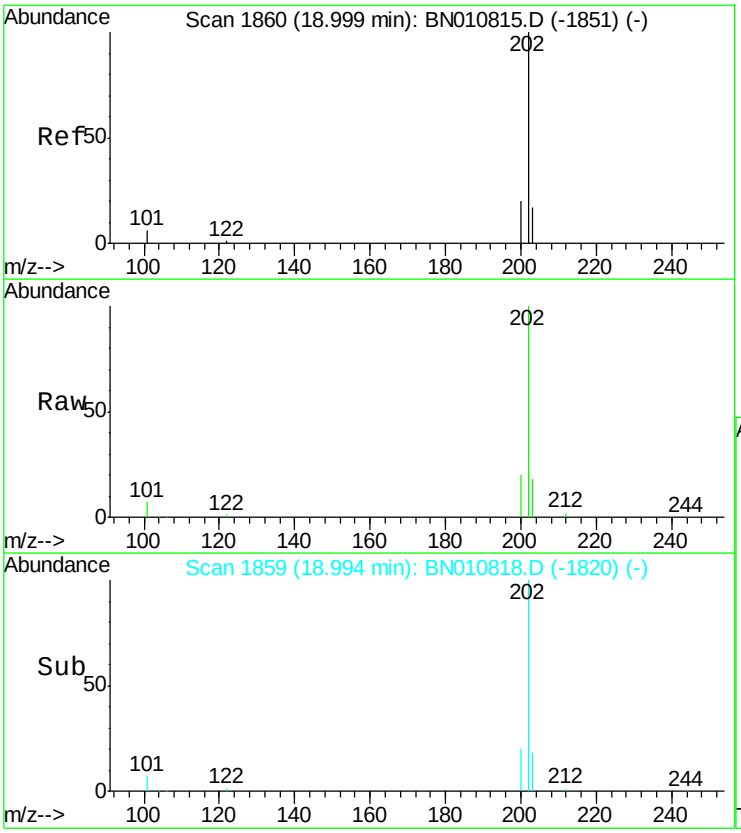
#25
Fluoranthene-d10
Concen: 5.542 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:212 Resp: 128599

Ion	Ratio	Lower	Upper
212	100		
106	8.9	6.6	10.0
104	5.1	4.0	6.0

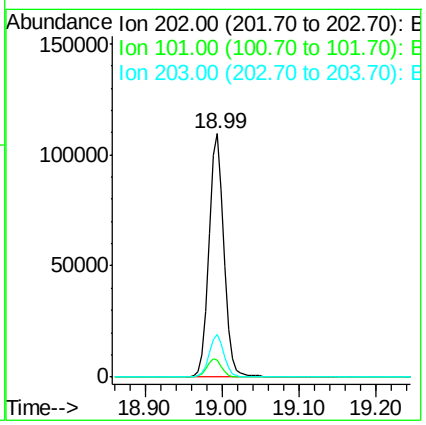


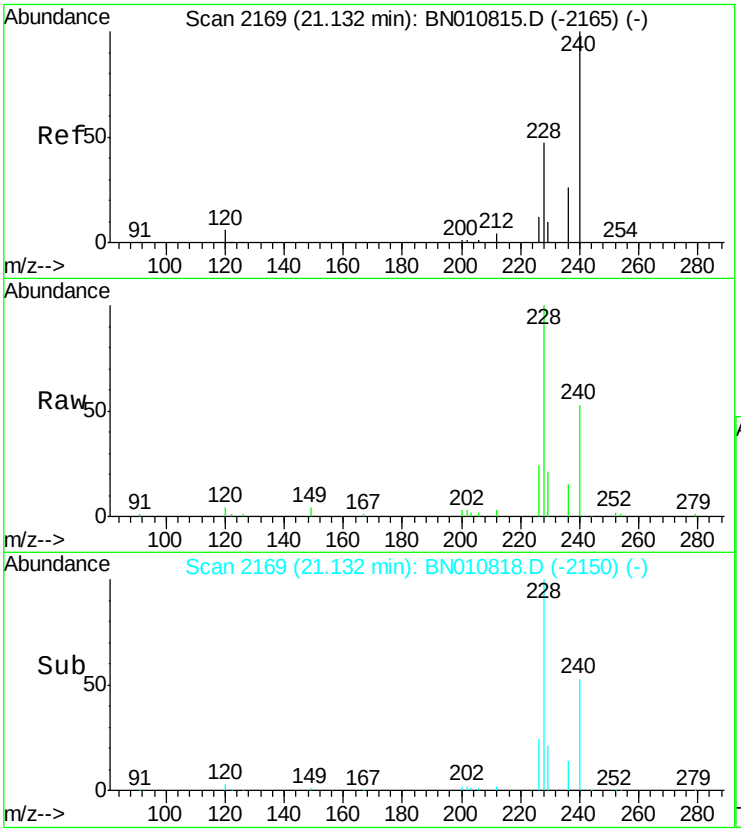


#26
Fluoranthene
Concen: 5.583 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:202 Resp: 146025

Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.8	8.6
203	17.3	13.7	20.5



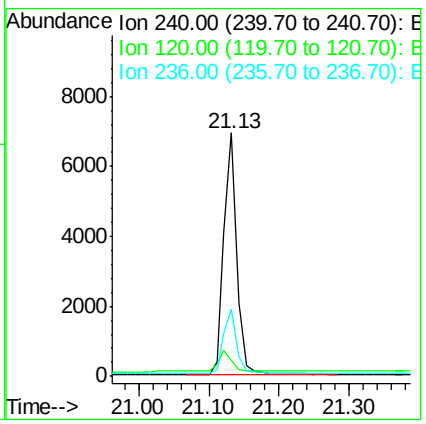


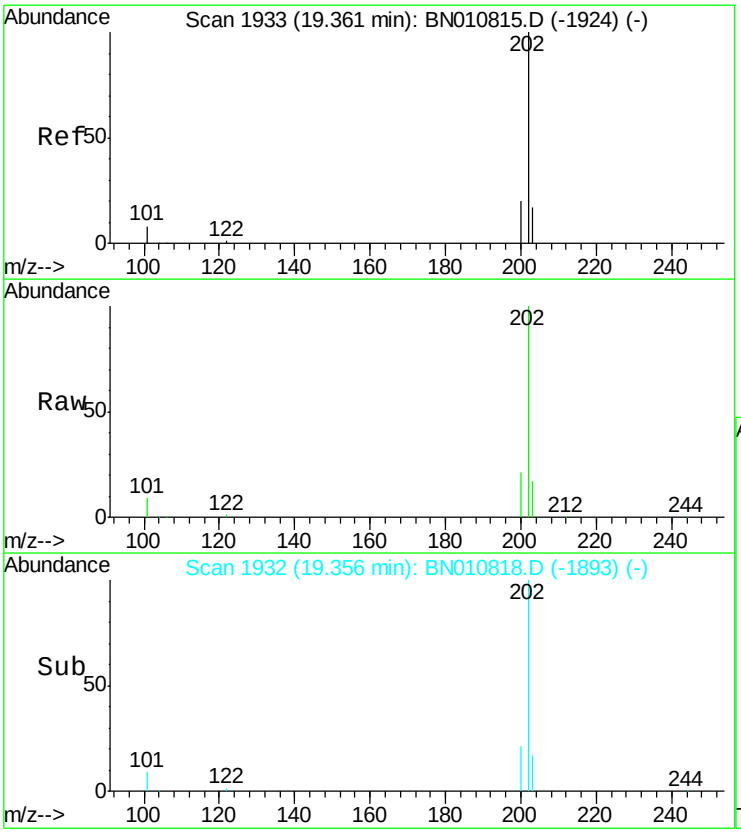
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Tgt Ion:240 Resp: 8919

Ion	Ratio	Lower	Upper
240	100		
120	6.7	7.5	11.3#
236	27.4	22.3	33.5

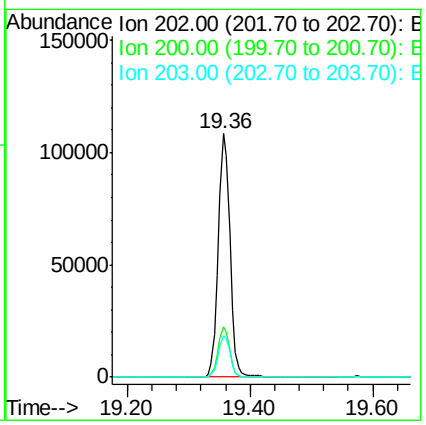


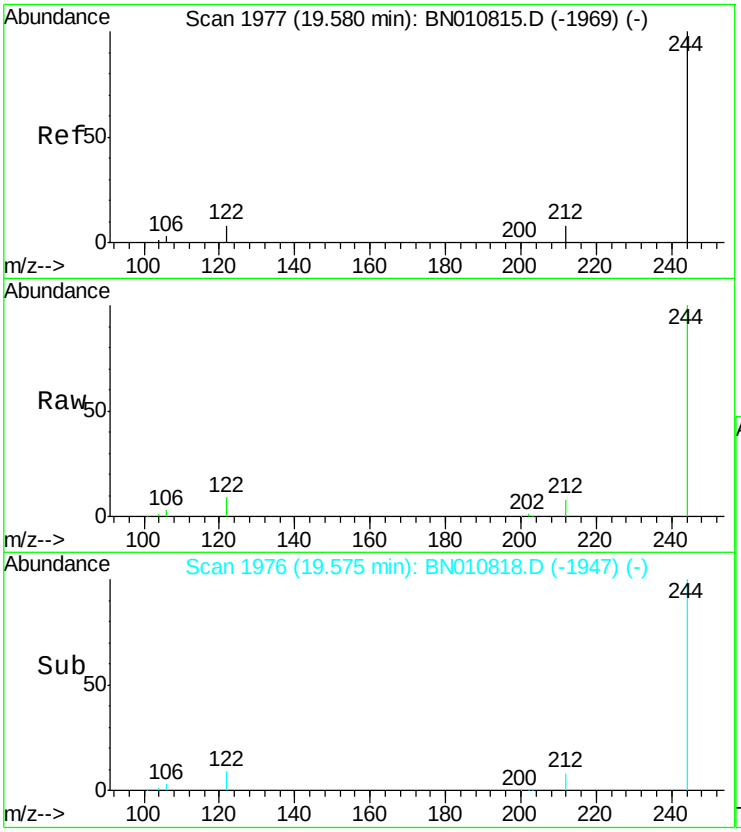


#28
Pyrene
Concen: 5.050 ng
RT: 19.36 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:202 Resp: 142737

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.4	14.2	21.4



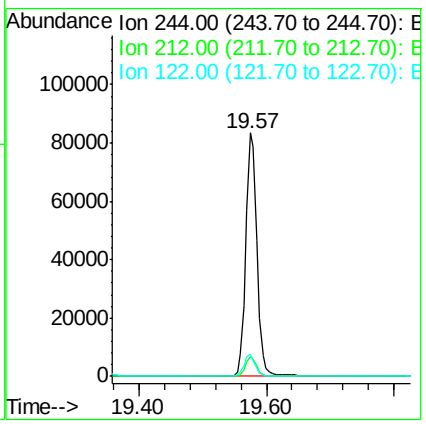


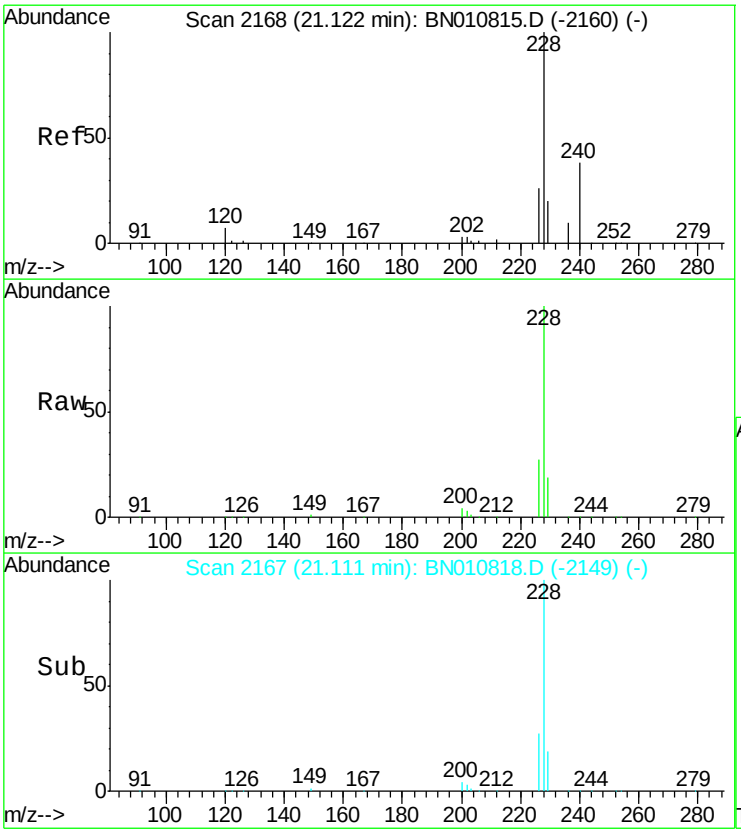
#29
Terphenyl-d14
Concen: 5.042 ng
RT: 19.57 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:244 Resp: 100276

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.4	11.2
122	9.3	7.5	11.3

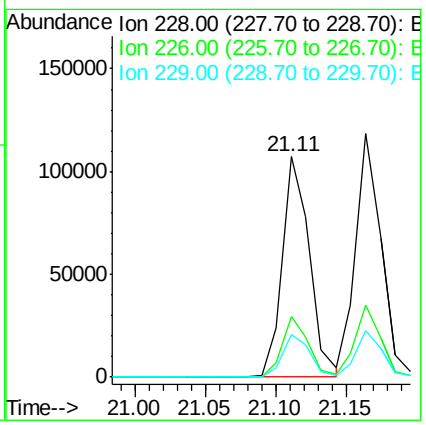


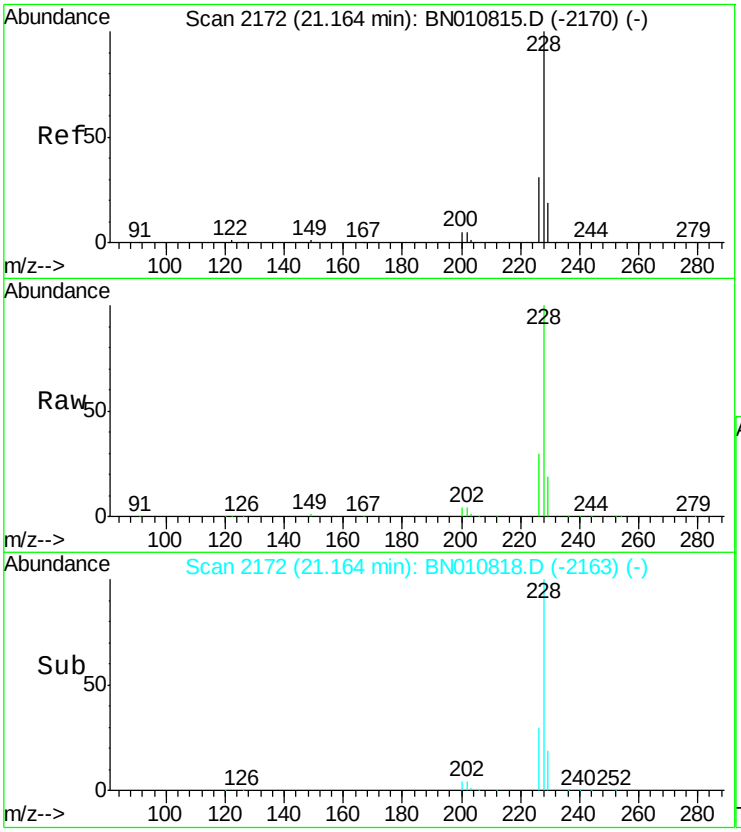


#30
Benzo(a)anthracene
Concen: 5.544 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:228 Resp: 145178

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.3	31.9
229	19.2	16.6	24.8



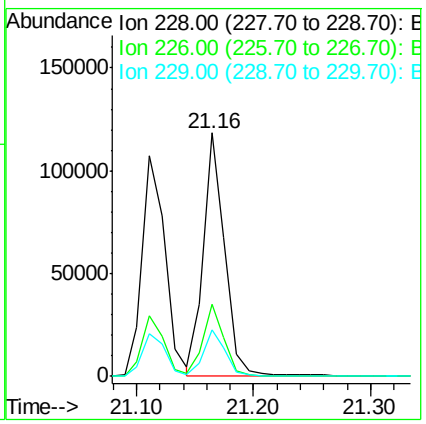


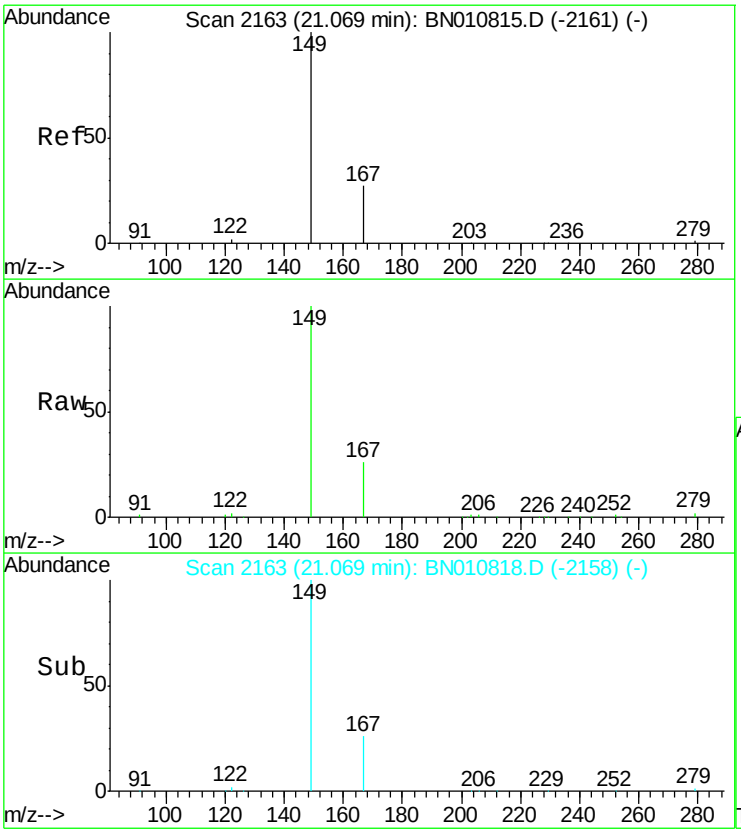
#31
Chrysene
Concen: 5.024 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 149440

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.3	16.1	24.1

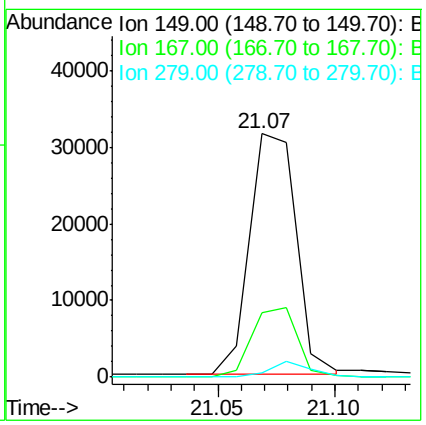


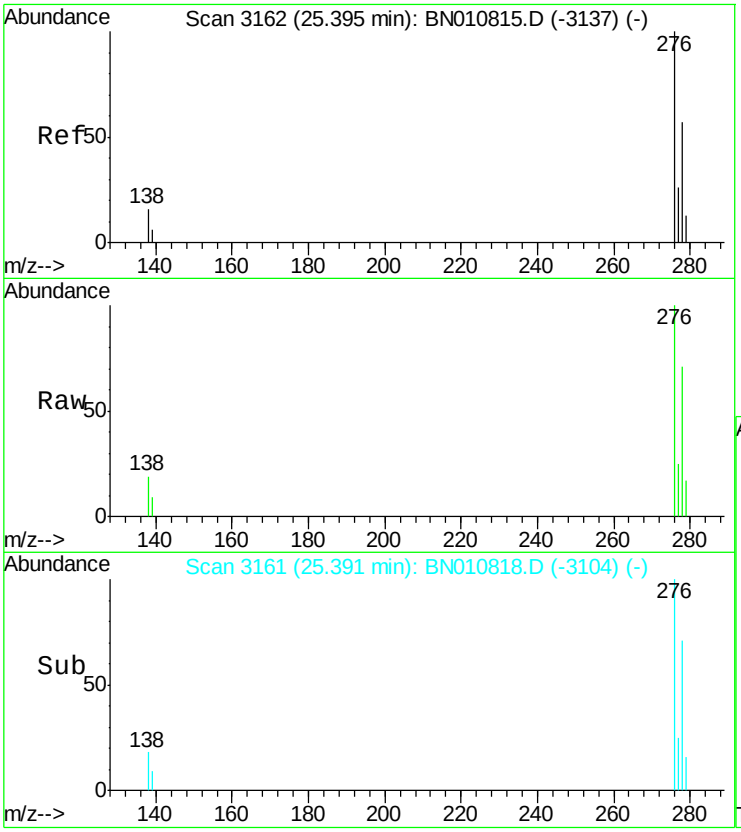


#32
Bis(2-ethylhexyl)phthalate
Concen: 5.037 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:149 Resp: 43566

Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.1	36.1
279	4.8	4.6	7.0



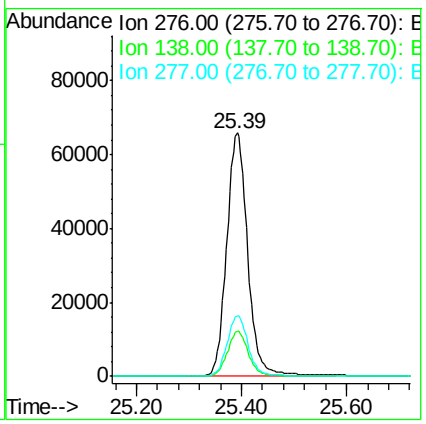


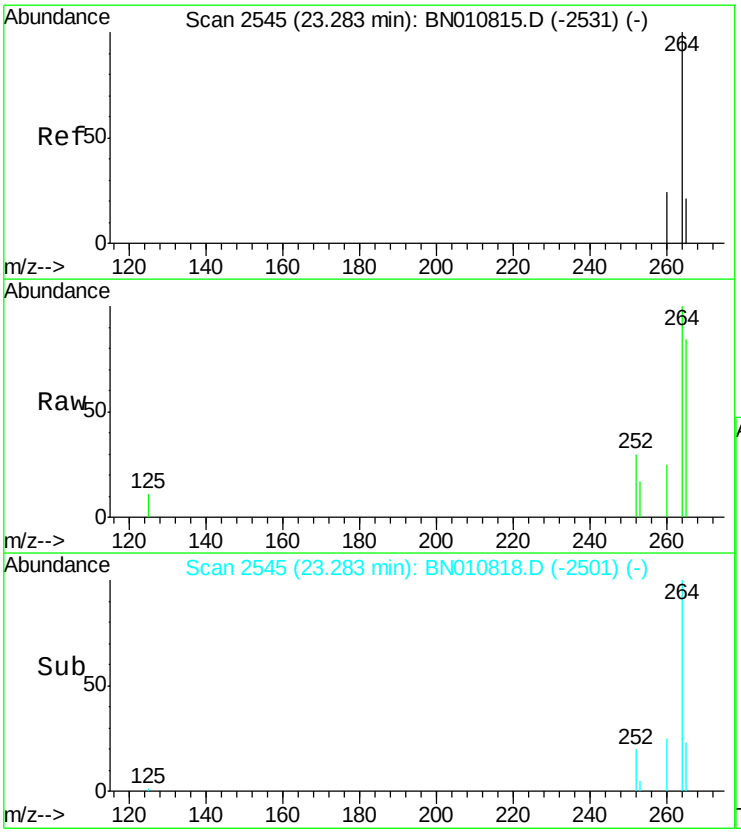
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.122 ng
RT: 25.39 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 183020

Ion	Ratio	Lower	Upper
276	100		
138	18.6	13.0	19.6
277	25.0	19.7	29.5

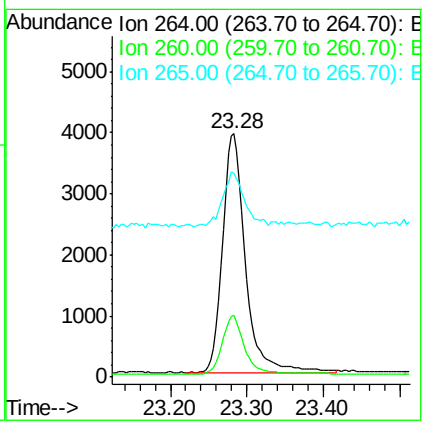


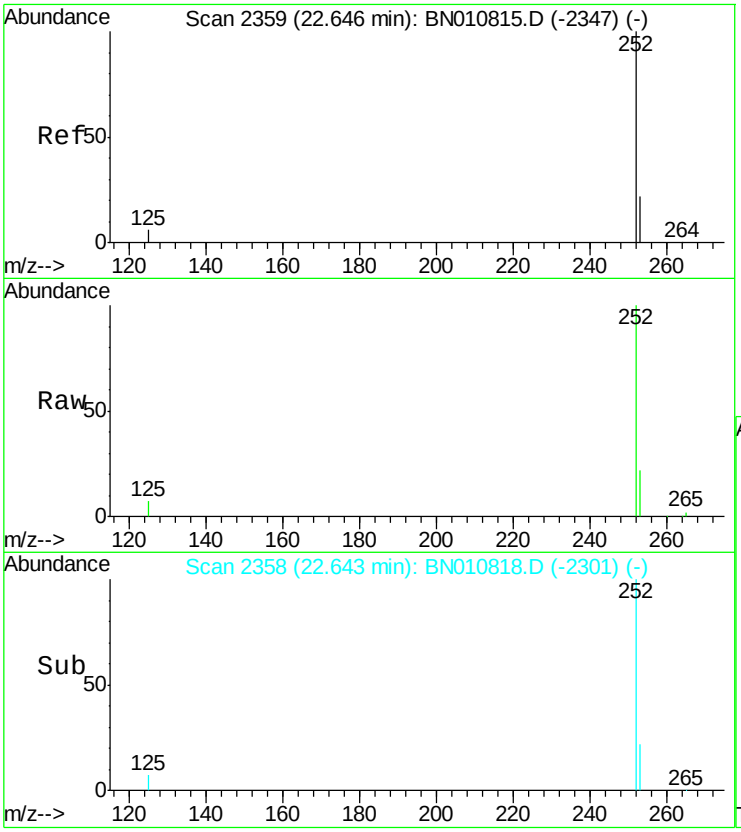


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:264 Resp: 8219

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	83.8	75.0	112.4



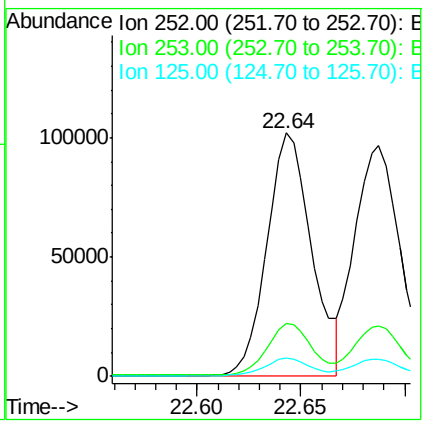


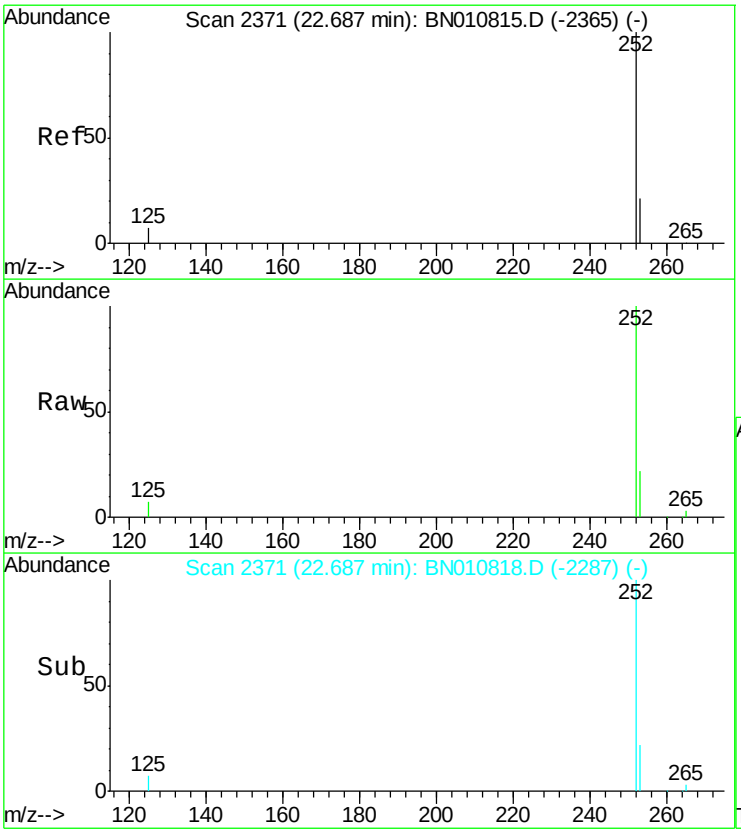
#35
Benzo(b)fluoranthene
Concen: 5.665 ng
RT: 22.64 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 151629

Ion	Ratio	Lower	Upper
252	100		
253	21.9	22.4	33.6#
125	7.3	9.4	14.0#

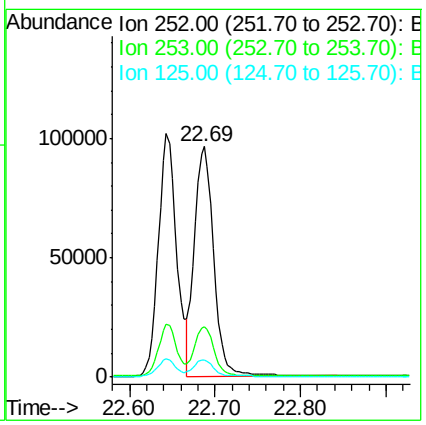


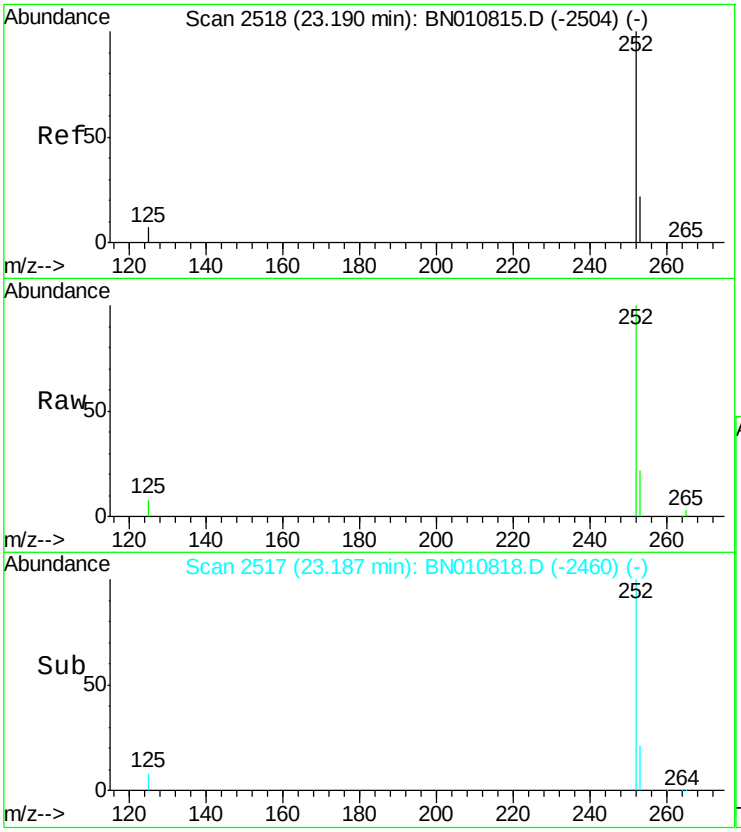


#36
Benzo(k)fluoranthene
Concen: 5.111 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:252 Resp: 150550

Ion	Ratio	Lower	Upper
252	100		
253	22.1	22.2	33.4#
125	7.4	9.8	14.8#



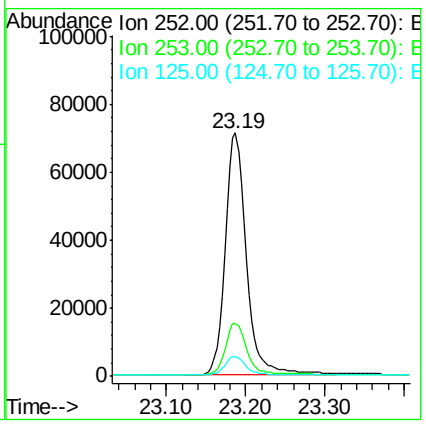


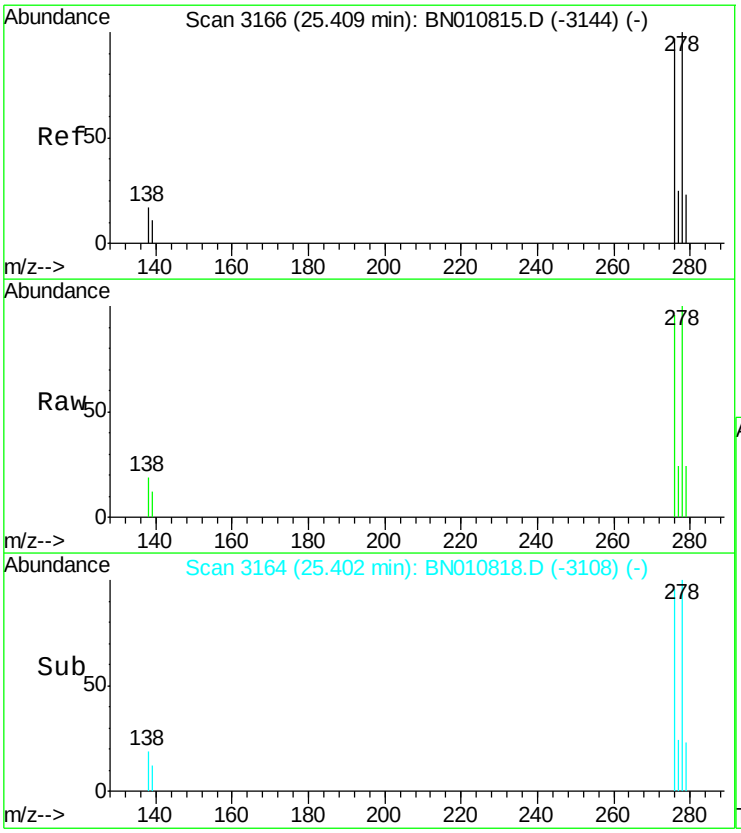
#37
Benzo(a)pyrene
Concen: 5.499 ng
RT: 23.19 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 131400

Ion	Ratio	Lower	Upper
252	100		
253	21.9	25.8	38.8#
125	8.2	12.4	18.6#

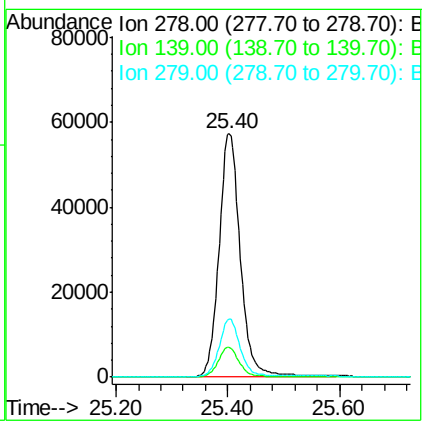


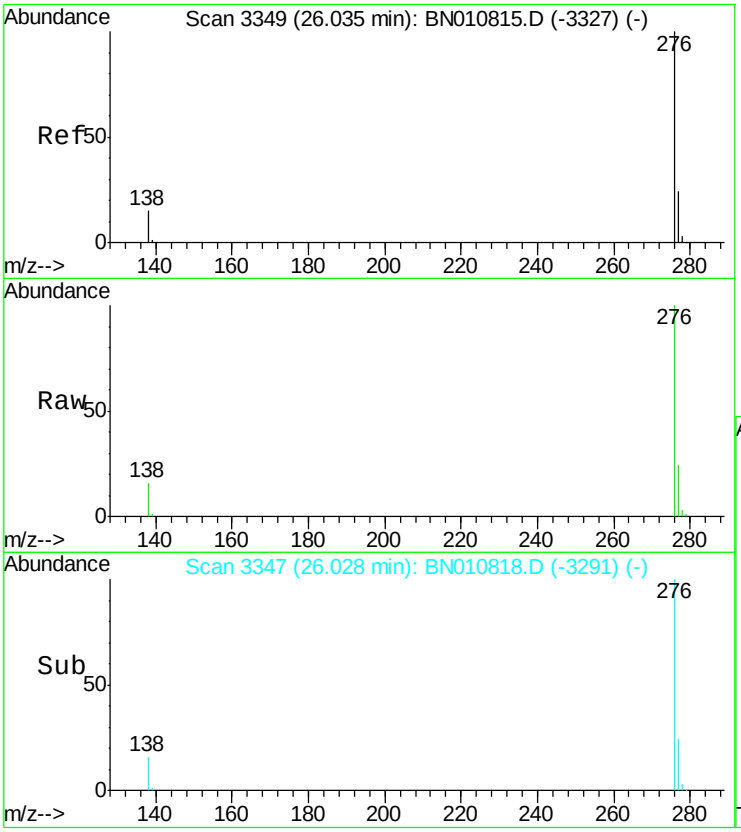


#38
Dibenzo(a,h)anthracene
Concen: 5.611 ng
RT: 25.40 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Tgt Ion:278 Resp: 151021

Ion	Ratio	Lower	Upper
278	100		
139	12.1	10.6	15.8
279	23.8	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 5.480 ng
RT: 26.03 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BN010818.D
Acq: 10 Jun 2020 14:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 152514

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.5	30.7
138	16.0	13.7	20.5