Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011020.D
Acq On : 23 Jun 2020 03:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 23 05:34:20 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	7.52	152	2864	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	9317	0.40	ng		0.00
13) Acenaphthene-d10	14.15	164	5109	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	10760	0.40	ng		-0.01
27) Chrysene-d12	21.11	240	10351	0.40	ng		-0.01
34) Perylene-d12	23.25	264	11083	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2801	0.51	ng		0.00
5) Phenol-d6	6.72	99	2949	0.45	ng		0.00
8) Nitrobenzene-d5	8.66	82	2915	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	11.87	152	6023	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	731	0.40	ng		-0.01
15) 2-Fluorobiphenyl	12.76	172	8419	0.42	ng		-0.01
25) Fluoranthene-d10	18.94	212	12183	0.41	ng		0.00
29) Terphenyl-d14	19.55	244	9654	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1290	0.460	ng		99
3) n-Nitrosodimethylamine	3.53	42	768	0.471	ng	#	95
6) bis(2-Chloroethyl)ether	6.97	93	3420	0.539	ng		96
9) Naphthalene	10.32	128	9758	0.417	ng		99
10) Hexachlorobutadiene	10.62	225	2274	0.393	ng	#	99
12) 2-Methylnaphthalene	11.94	142	6546	0.418	ng		99
16) Acenaphthylene	13.87	152	8870	0.424	ng		99
17) Acenaphthene	14.21	154	5965	0.418	ng		99
18) Fluorene	15.21	166	7664	0.416	ng		99
20) 4-Bromophenyl-phenylether	16.10	248	2888	0.447	ng	#	86
21) Hexachlorobenzene	16.22	284	2975	0.441	ng		100
22) Pentachlorophenol	16.57	266	782	0.345	ng		97
23) Phenanthrene	16.94	178	11905	0.405	ng		99
24) Anthracene	17.04	178	10161	0.414	ng		99
26) Fluoranthene	18.97	202	13653	0.409	ng		99
28) Pyrene	19.34	202	13666	0.399	ng		100
30) Benzo(a)anthracene	21.09	228	12581	0.414	ng		97
31) Chrysene	21.14	228	14104	0.398	ng		98
32) Bis(2-ethylhexyl)phthalate	21.05	149	5036	0.496	ng		96
33) Indeno(1,2,3-cd)pyrene	25.35	276	17656	0.446	ng	#	96
35) Benzo(b)fluoranthene	22.62	252	14353	0.381	ng		98
36) Benzo(k)fluoranthene	22.66	252	15333	0.382	ng		98
37) Benzo(a)pyrene	23.16	252	12658	0.392	ng		95
38) Dibenzo(a,h)anthracene	25.36	278	14303	0.388	ng		96
39) Benzo(g,h,i)perylene	25.98	276	16378	0.425	ng		98

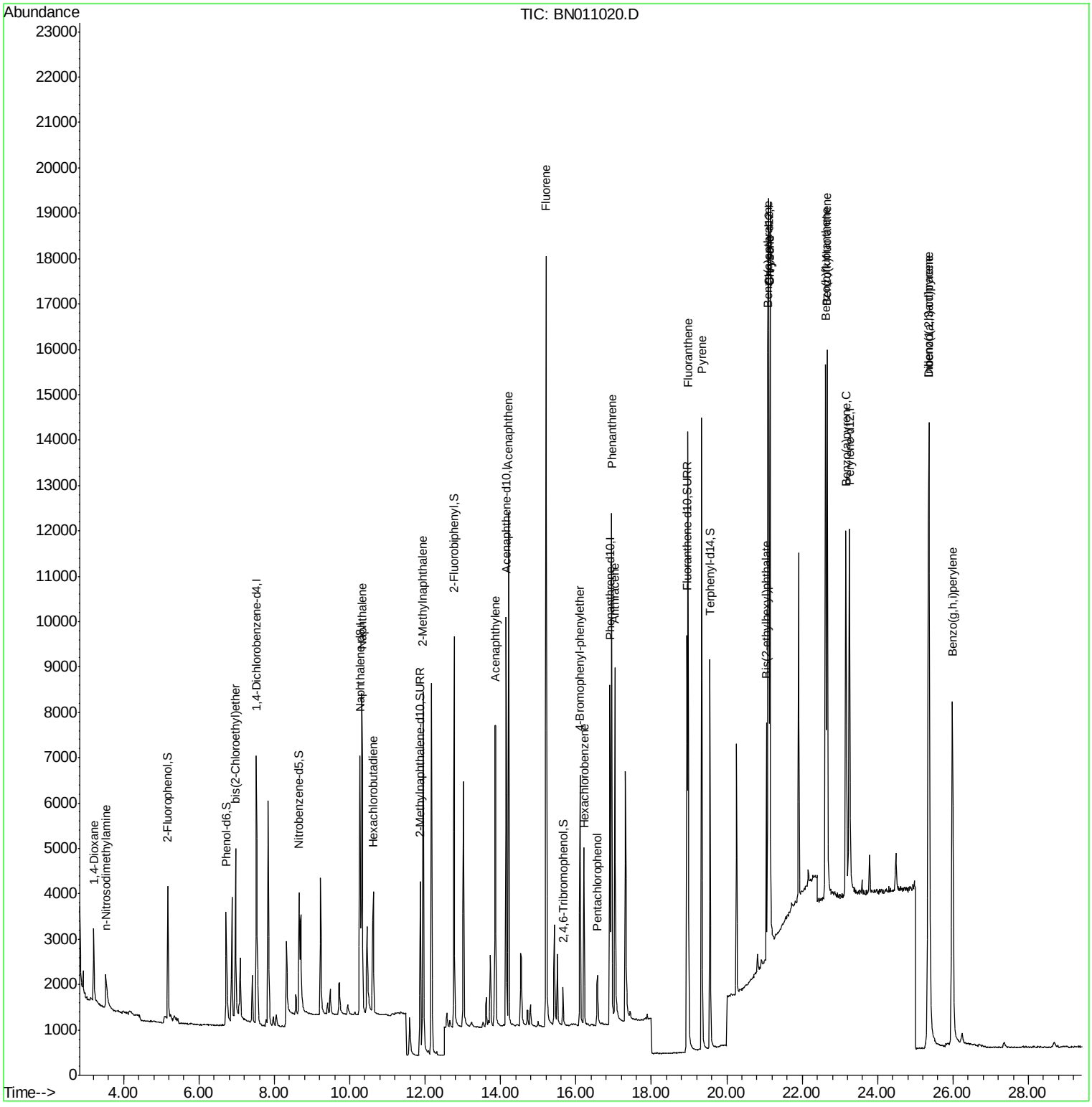
(#) = qualifier out of range (m) = manual integration (+) = signals summed

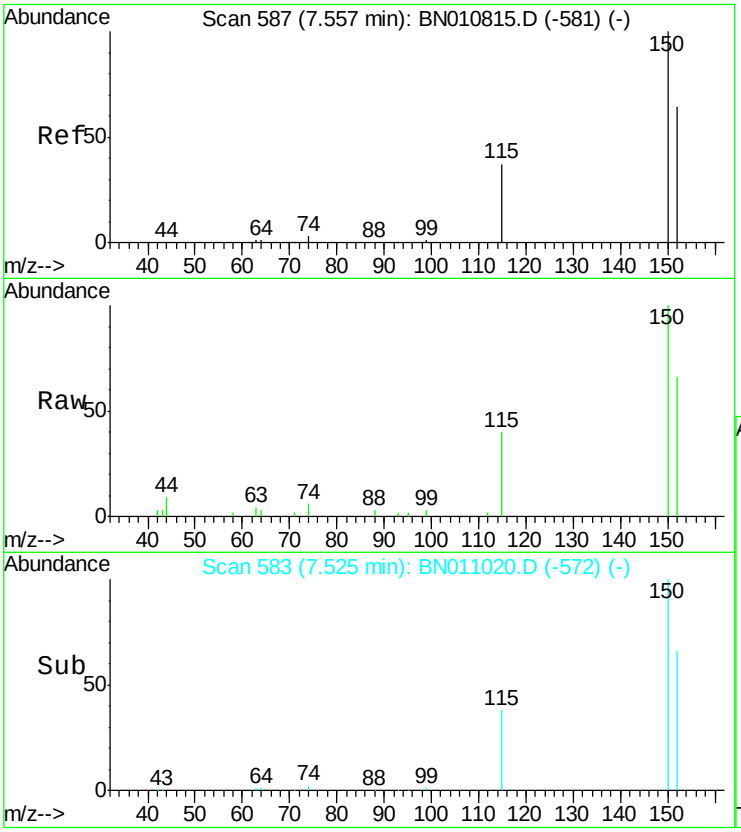
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011020.D
Acq On : 23 Jun 2020 03:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 23 05:34:20 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



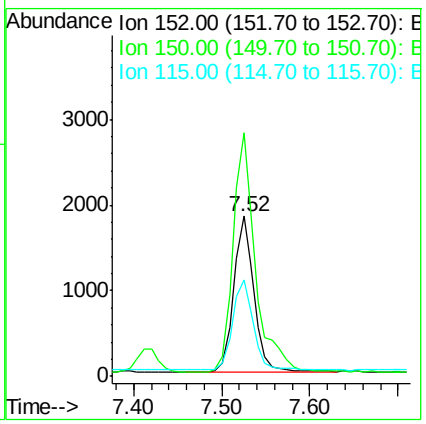


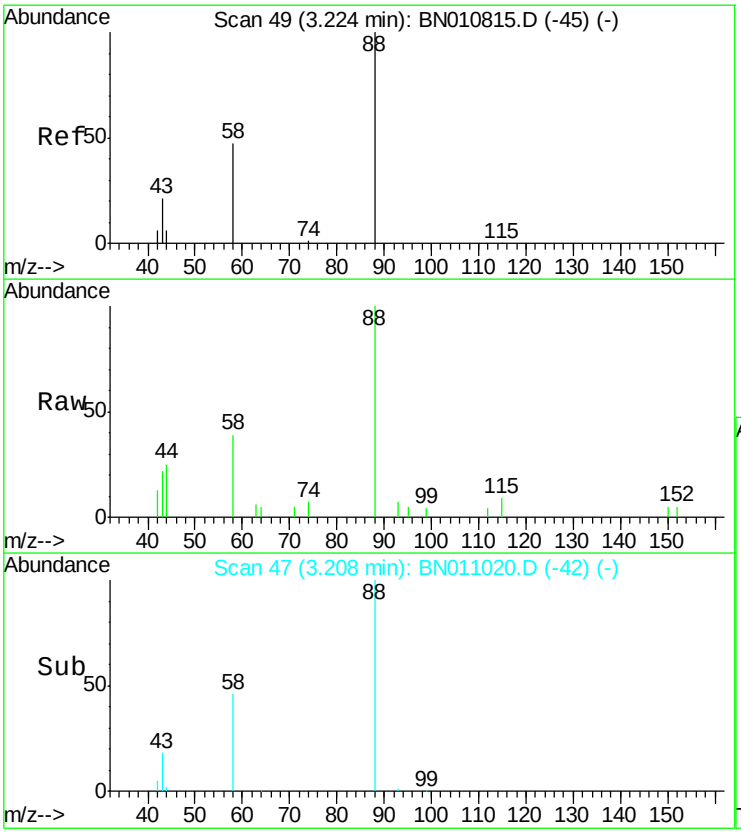
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2864

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.8	185.6
115	60.1	49.2	73.8

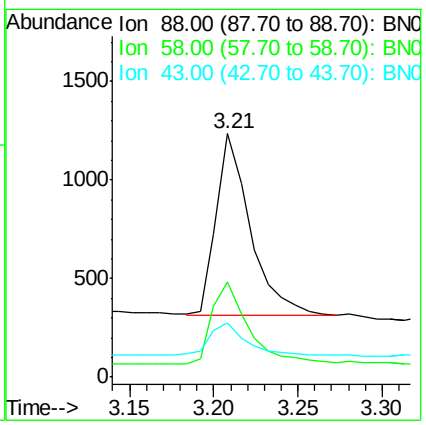


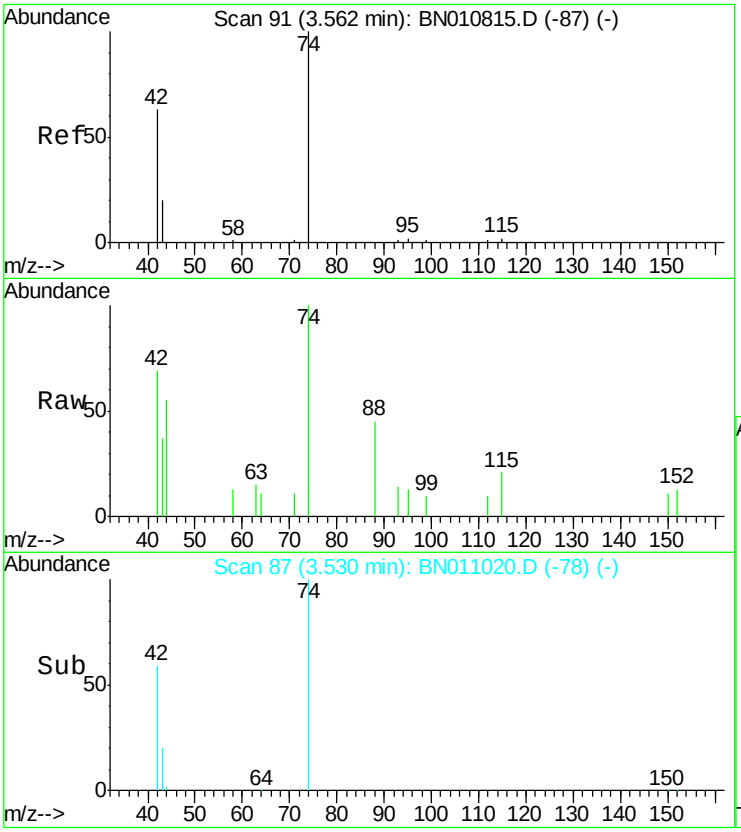


#2
1,4-Dioxane
Concen: 0.460 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion: 88 Resp: 1290

Ion	Ratio	Lower	Upper
88	100		
58	48.1	38.2	57.4
43	18.4	15.1	22.7



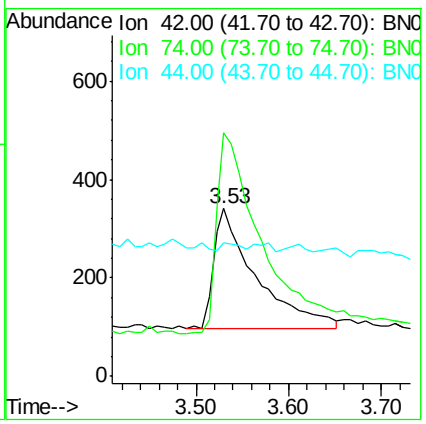


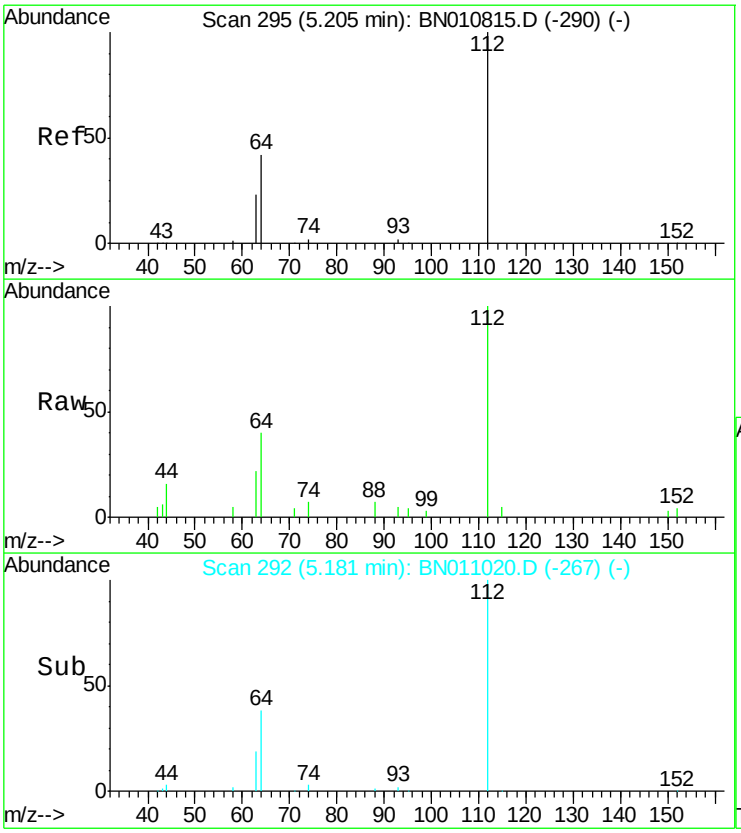
#3
n-Nitrosodimethylamine
Concen: 0.471 ng
RT: 3.53 min Scan# 87
Delta R.T. -0.02 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 768

Ion	Ratio	Lower	Upper
42	100		
74	182.7	140.7	211.1
44	2.2	1.4	2.2#

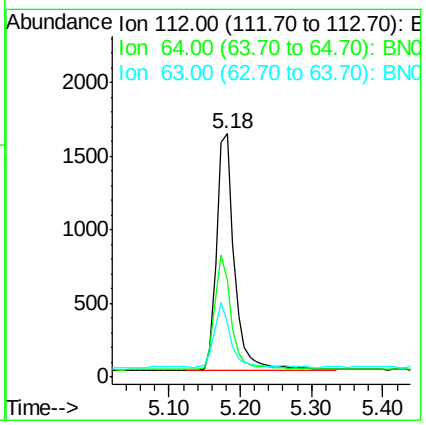


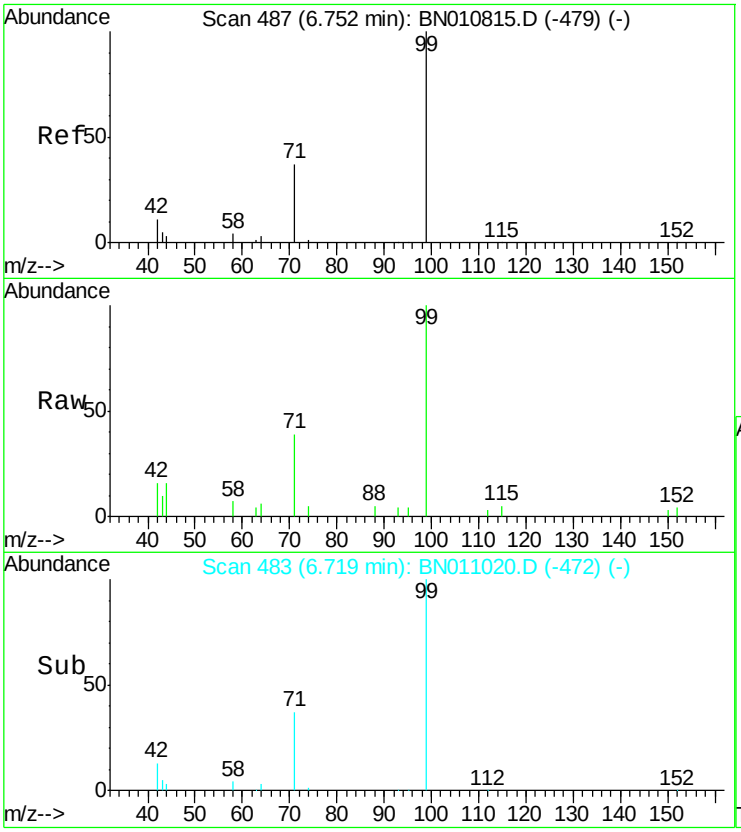


#4
2-Fluorophenol
Concen: 0.507 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:112 Resp: 2801

Ion	Ratio	Lower	Upper
112	100		
64	45.1	37.4	56.0
63	25.4	22.2	33.4



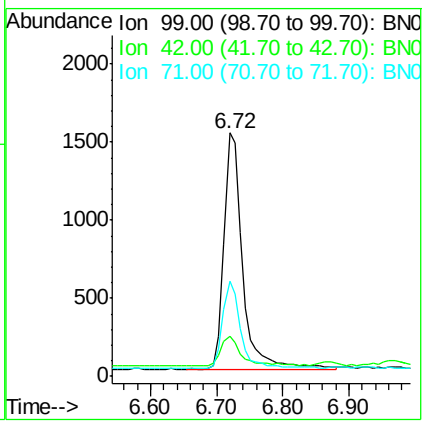


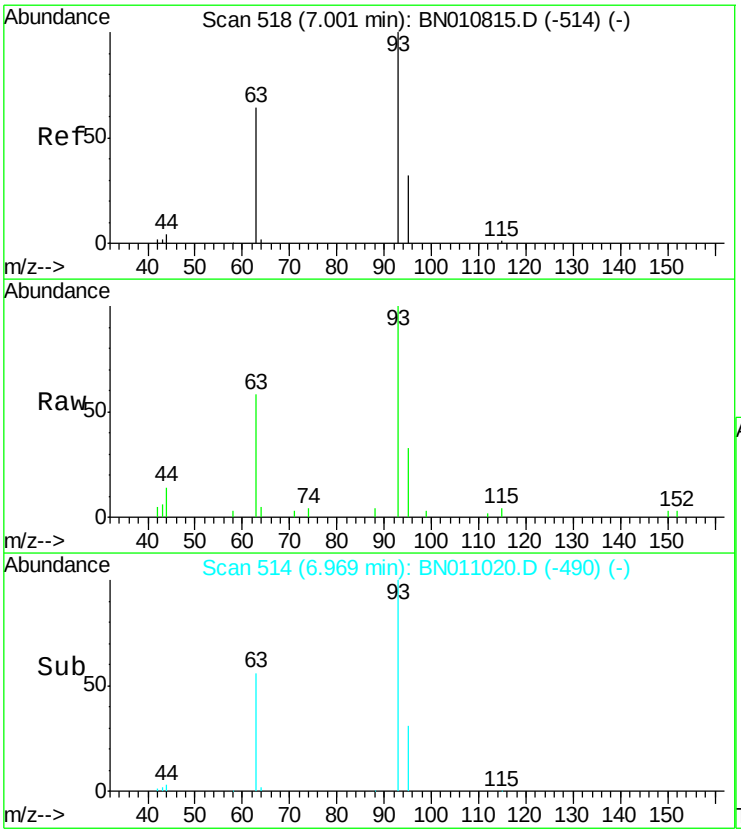
#5
Phenol-d6
Concen: 0.453 ng
RT: 6.72 min Scan# 483
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2949

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.1	16.7
71	36.0	31.4	47.2

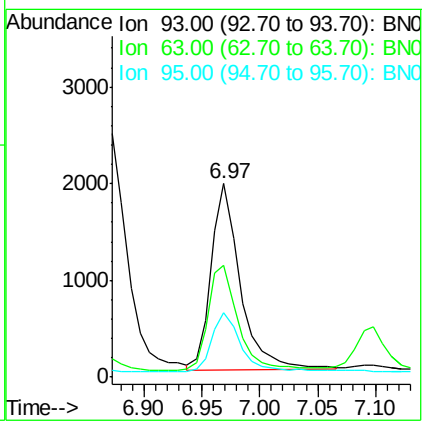


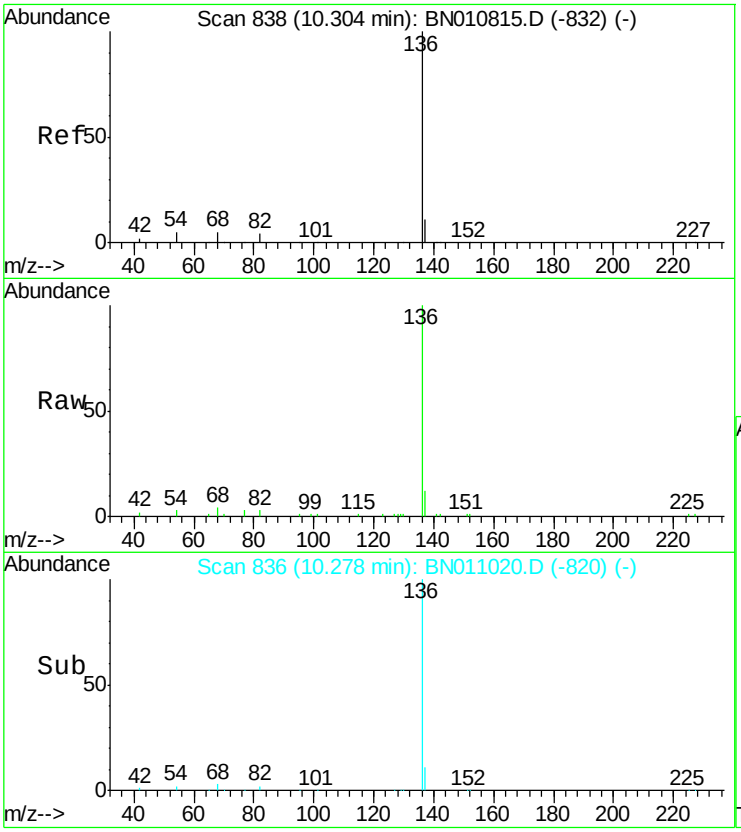


#6
bis(2-Chloroethyl)ether
Concen: 0.539 ng
RT: 6.97 min Scan# 514
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion: 93 Resp: 3420

Ion	Ratio	Lower	Upper
93	100		
63	58.3	49.4	74.2
95	31.8	26.7	40.1



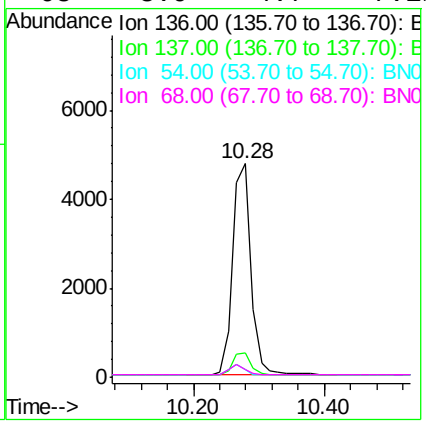


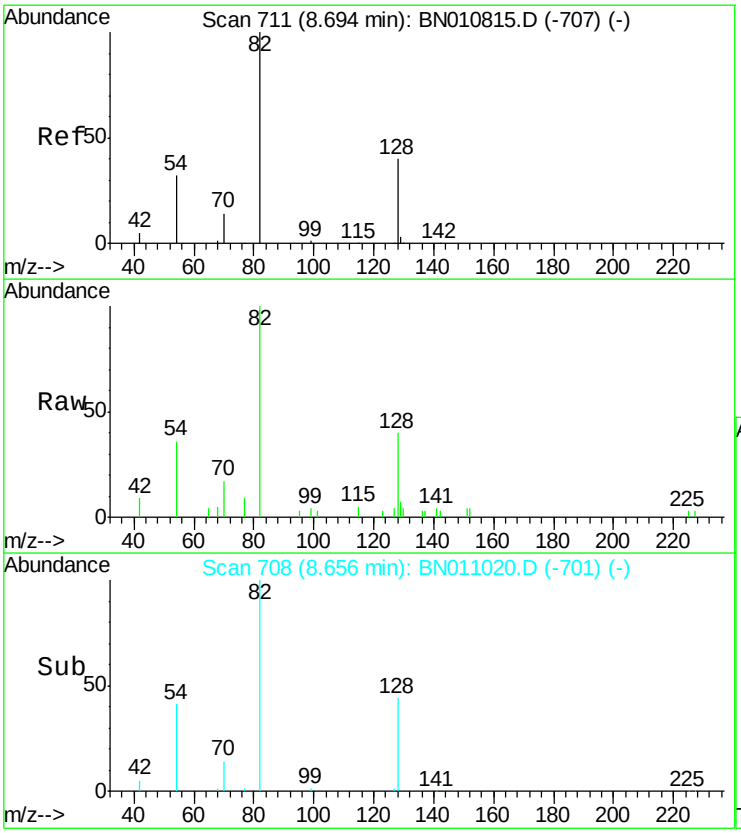
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.28 min Scan# 836
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 9317

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	3.3	4.9	7.3#
68	3.9	4.7	7.1#

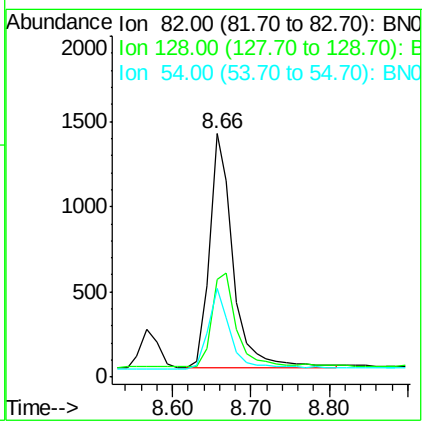


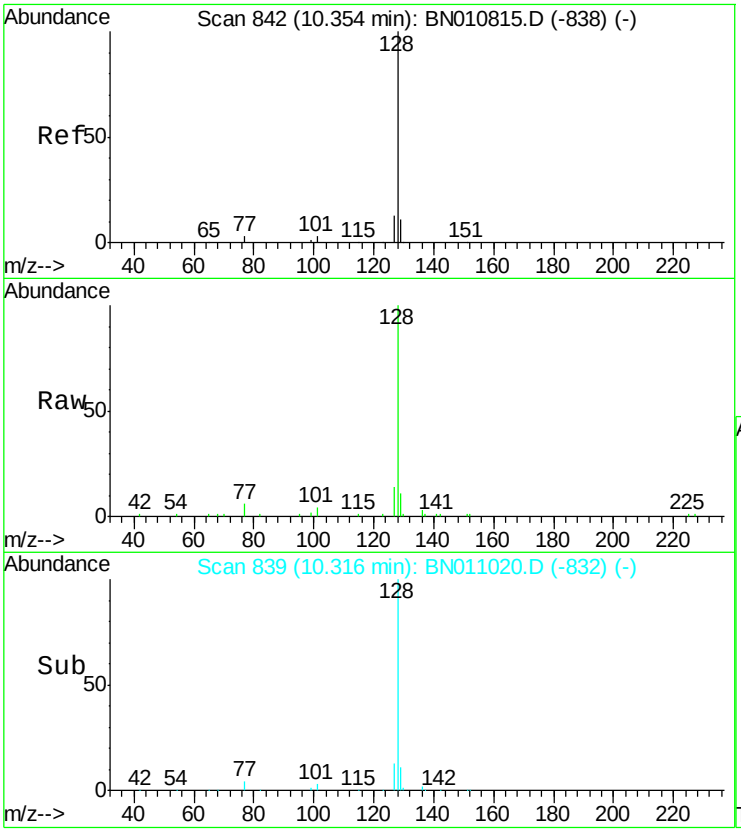


#8
Nitrobenzene-d5
Concen: 0.423 ng
RT: 8.66 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion: 82 Resp: 2915

Ion	Ratio	Lower	Upper
82	100		
128	40.0	35.4	53.0
54	36.2	28.2	42.4



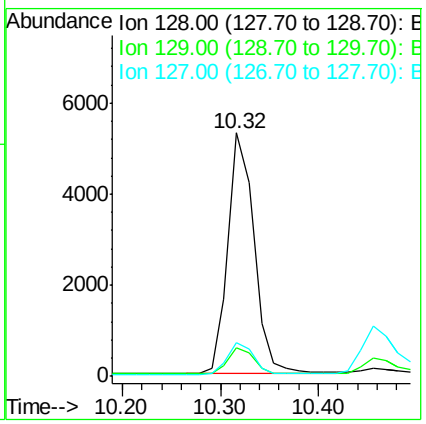


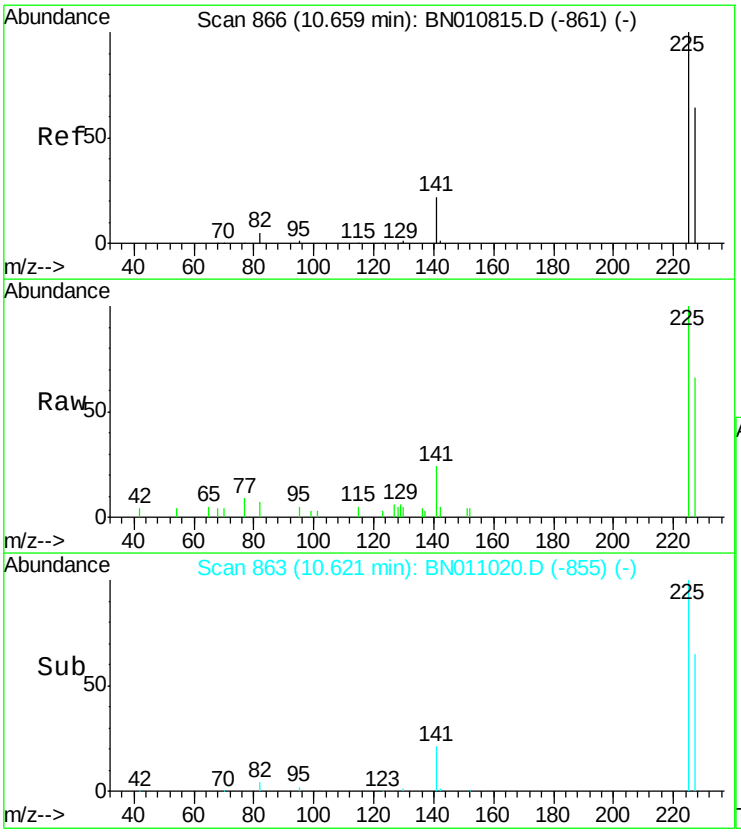
#9
Naphthalene
Concen: 0.417 ng
RT: 10.32 min Scan# 839
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 9758

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	14.0	11.4	17.2

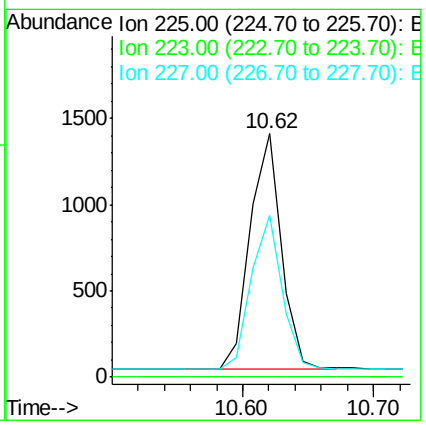


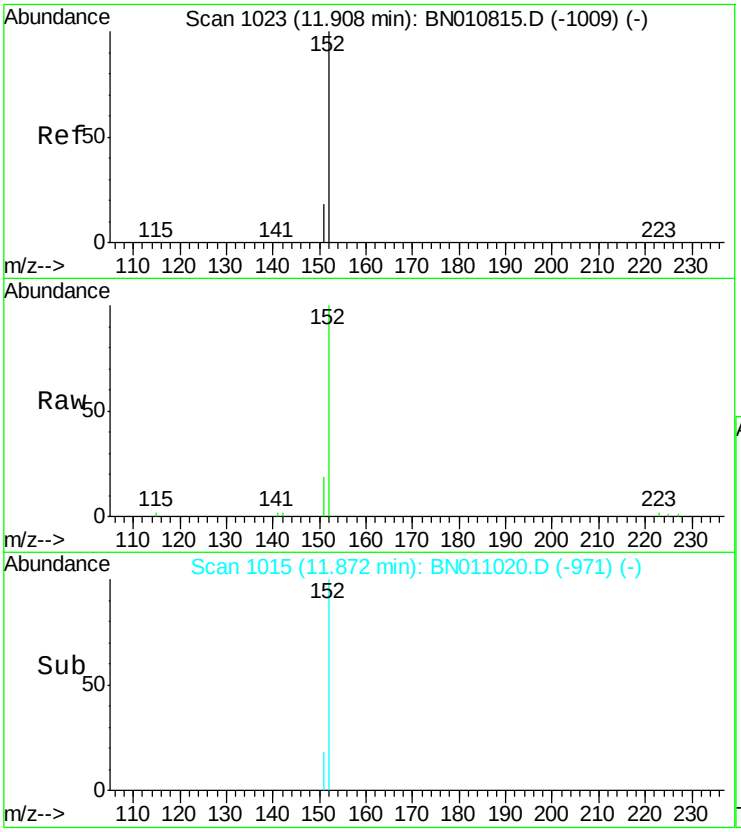


#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.62 min Scan# 863
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:225 Resp: 2274

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.5	75.7



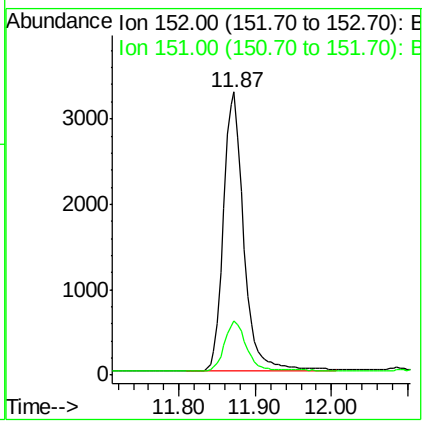


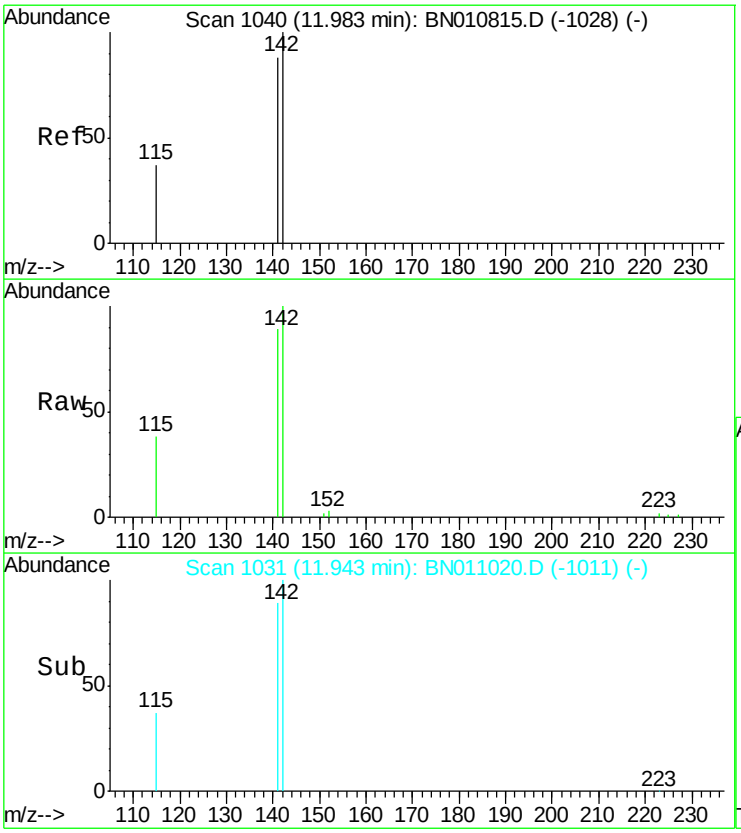
#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 11.87 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6023

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.3	22.9

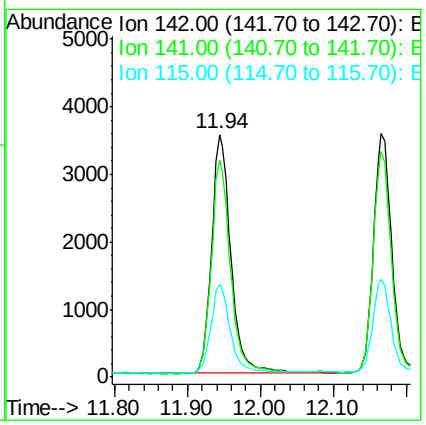


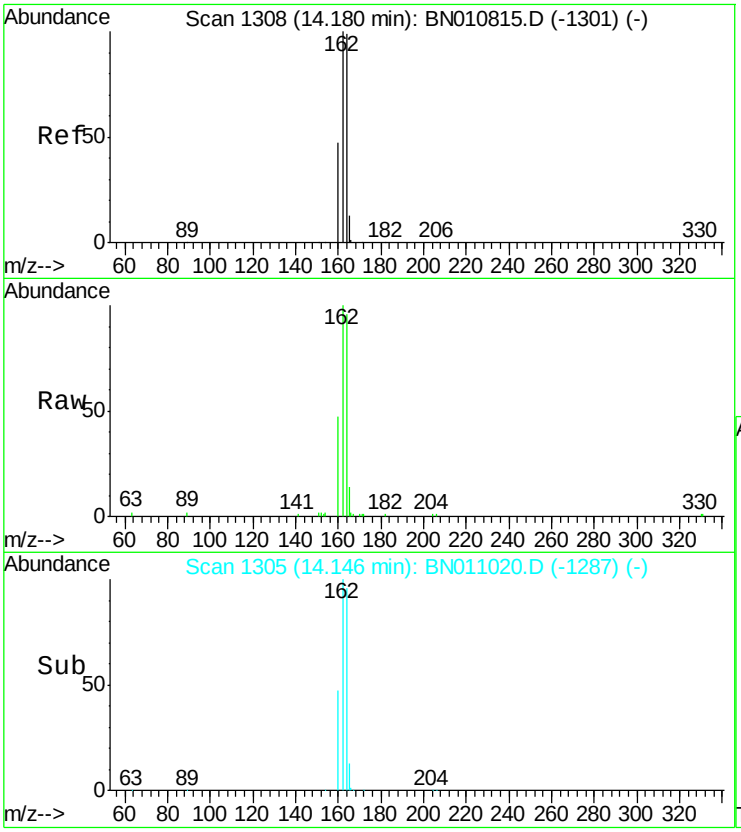


#12
2-Methylnaphthalene
Concen: 0.418 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:142 Resp: 6546

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	38.0	31.5	47.3



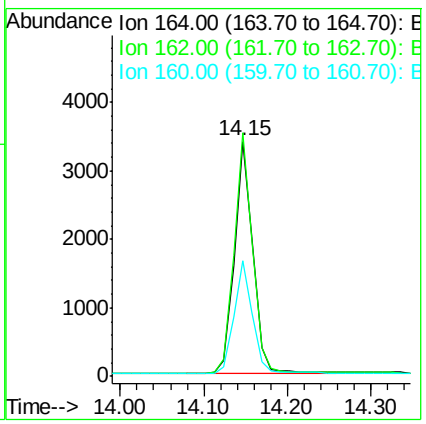


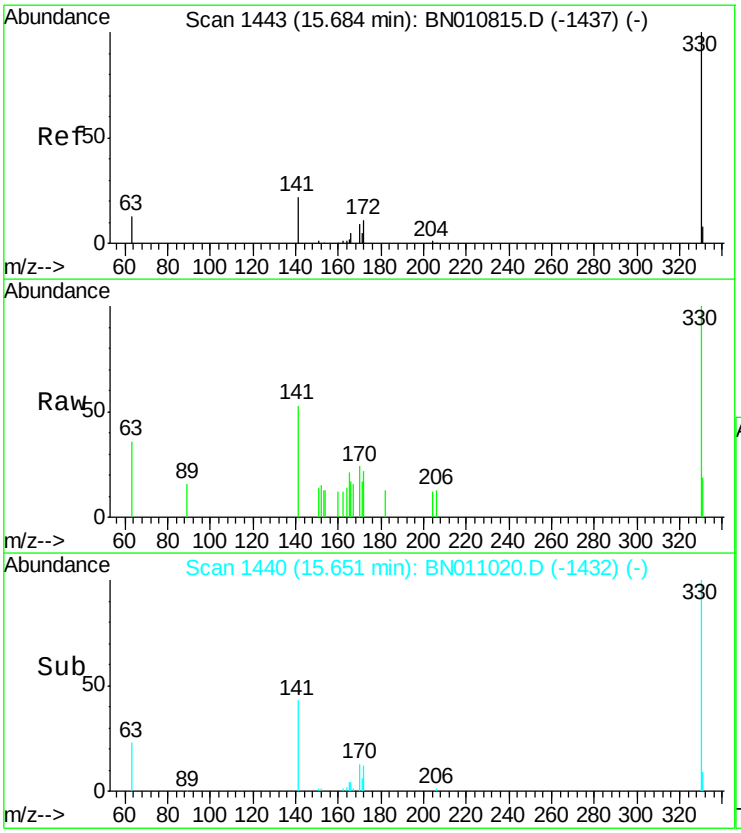
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 5109

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.0	121.6
160	49.0	38.9	58.3

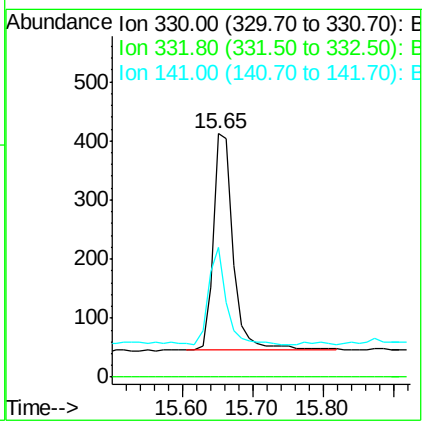


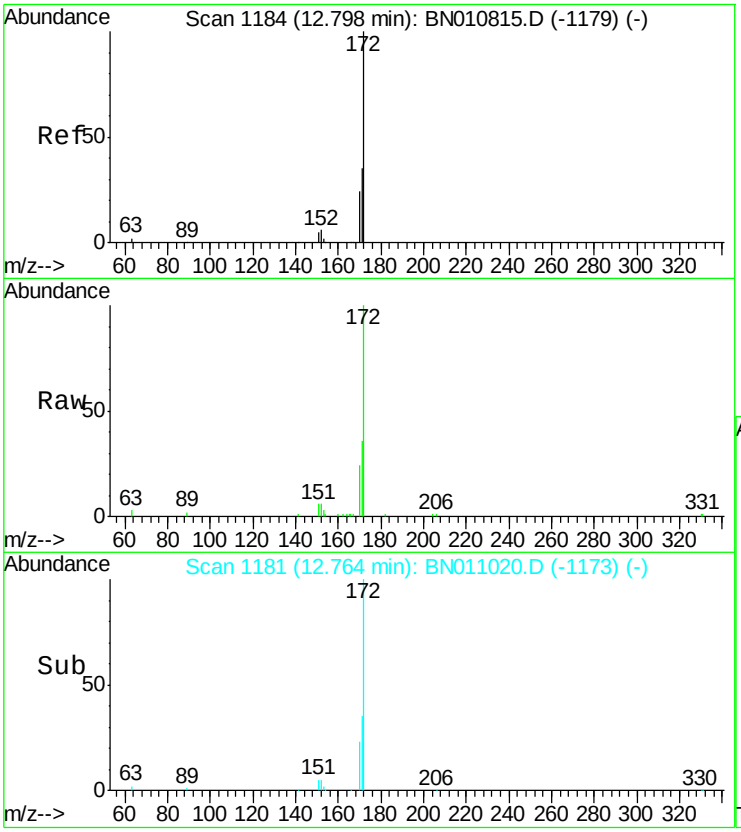


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 15.65 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:330 Resp: 731

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.0	33.2	49.8



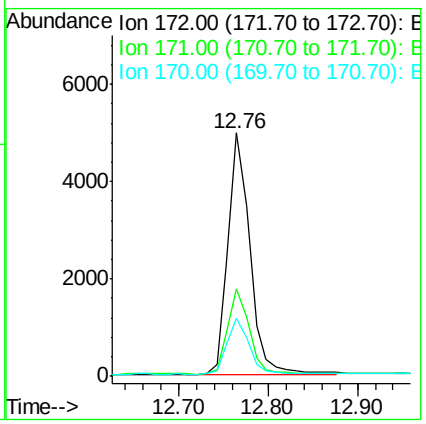


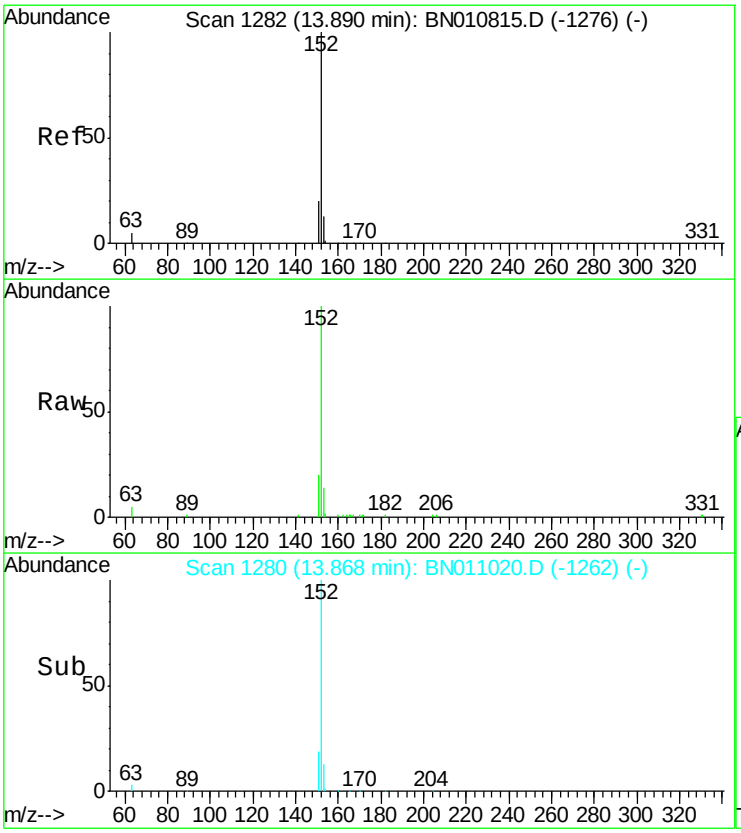
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 8419

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.8	19.7	29.5

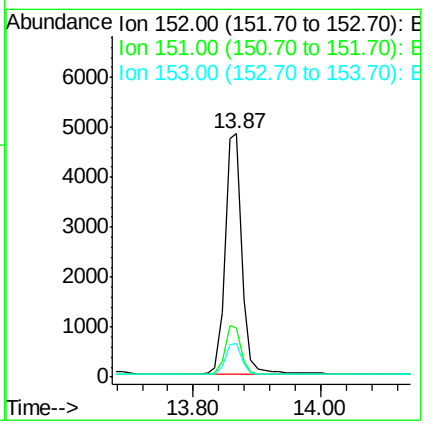


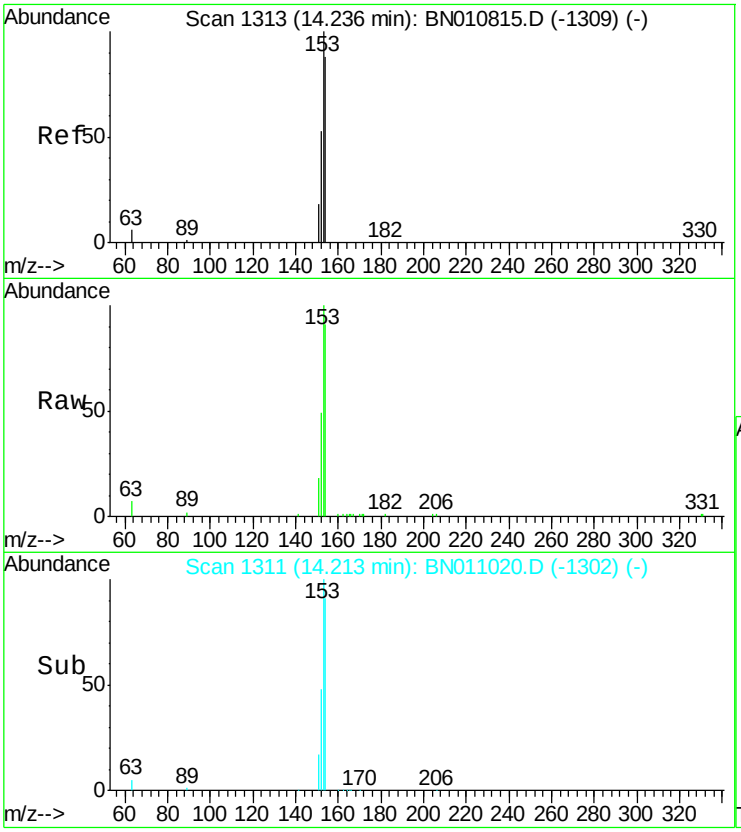


#16
Acenaphthylene
Concen: 0.424 ng
RT: 13.87 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:152 Resp: 8870

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.1	10.6	16.0



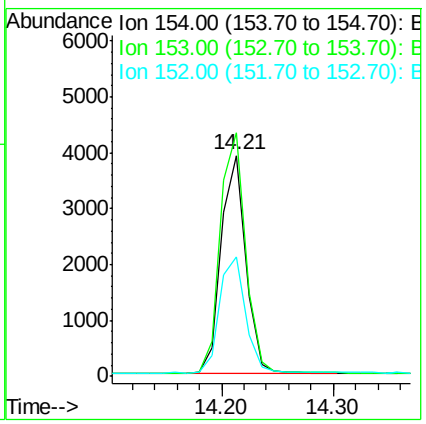


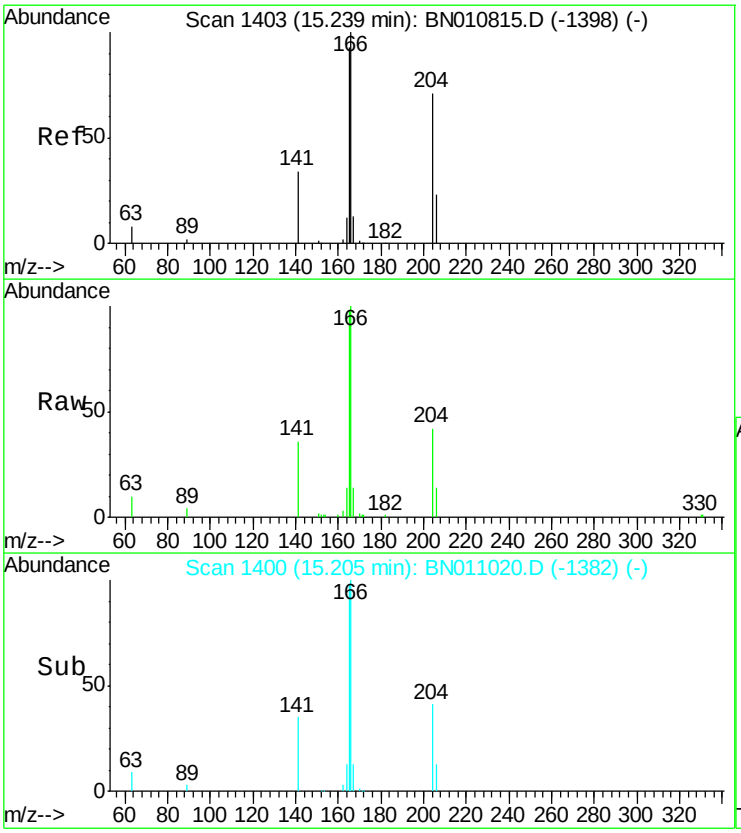
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 5965

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.8	137.6
152	57.3	47.6	71.4

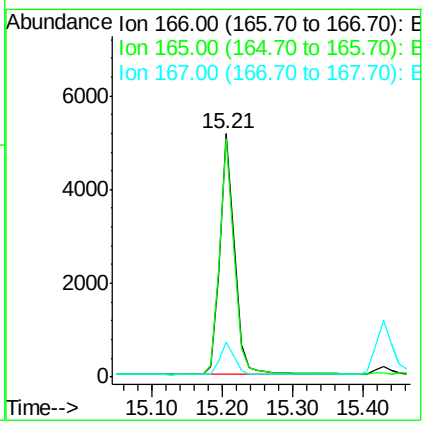


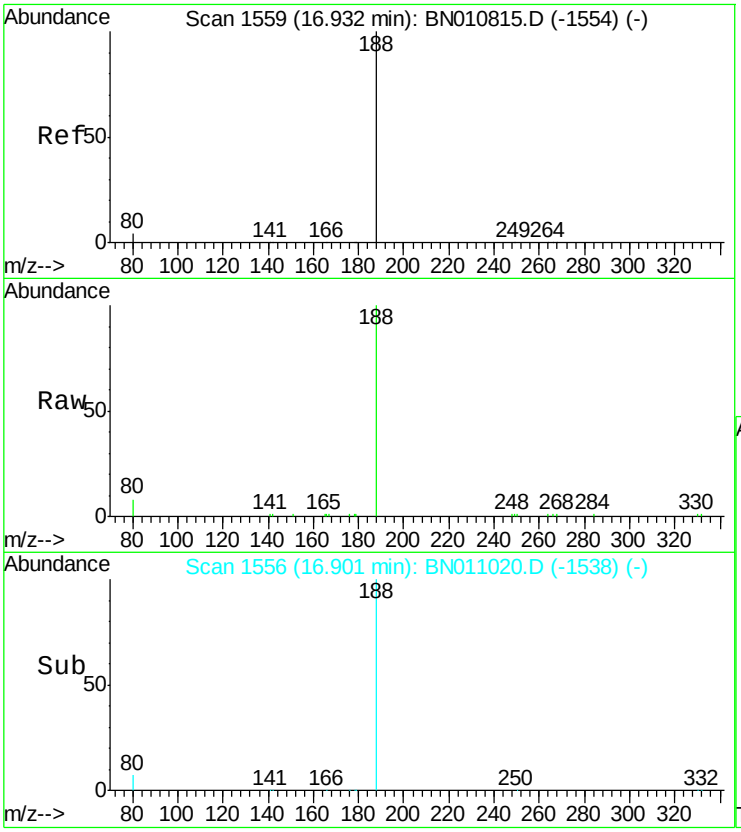


#18
Fluorene
Concen: 0.416 ng
RT: 15.21 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:166 Resp: 7664

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



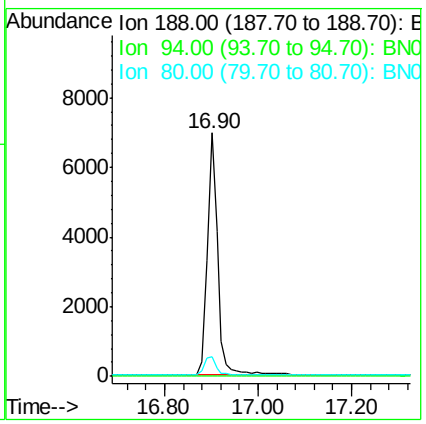


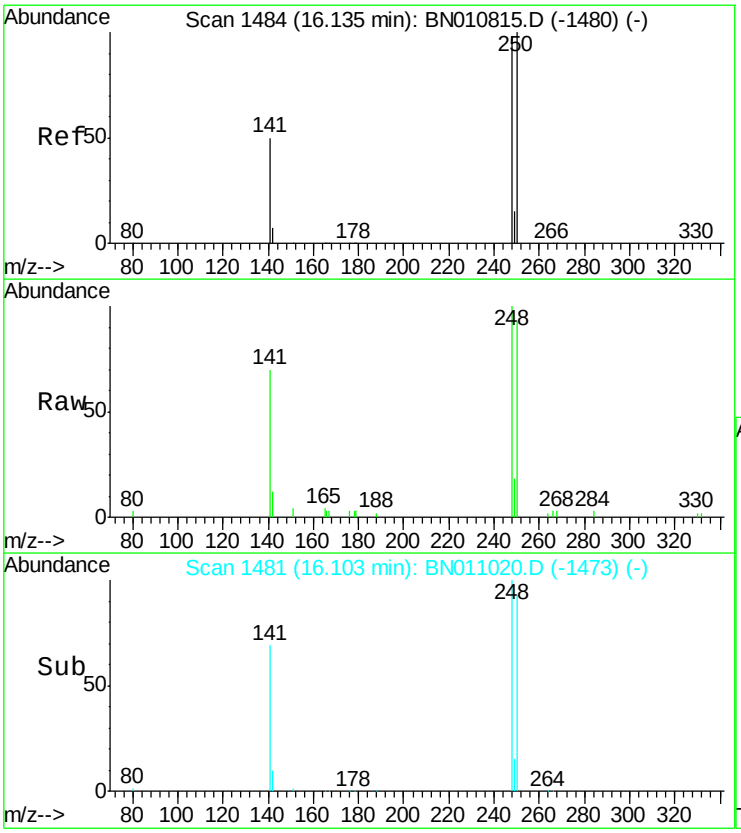
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 10760

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	4.5	6.7#

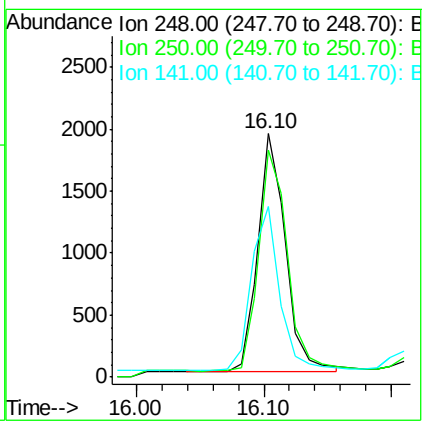


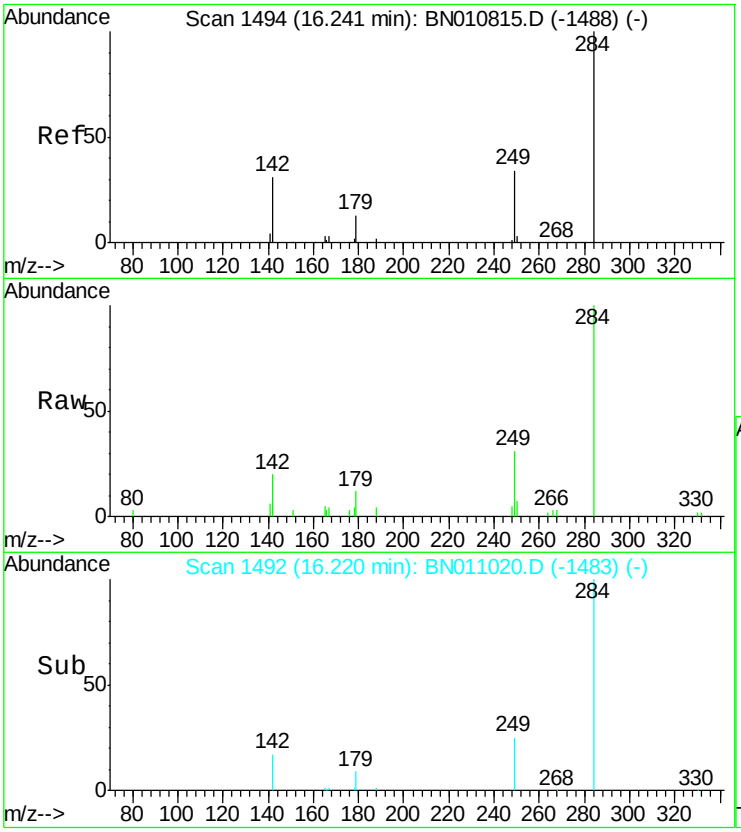


#20
4-Bromophenyl-phenylether
Concen: 0.447 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:248 Resp: 2888

Ion	Ratio	Lower	Upper
248	100		
250	93.3	81.8	122.8
141	70.1	42.6	64.0#



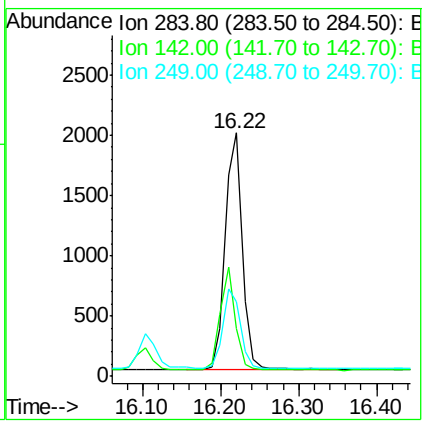


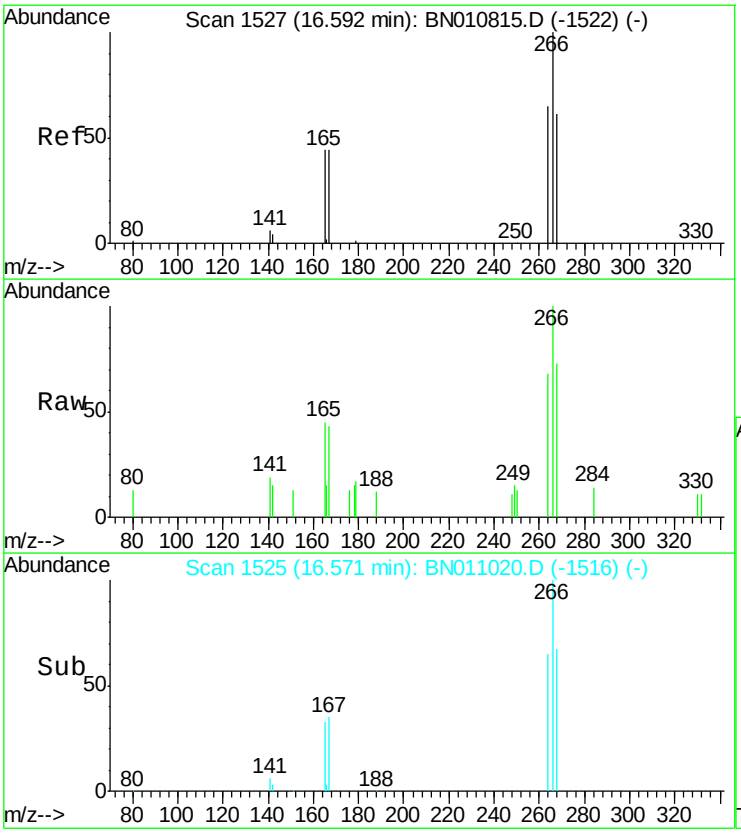
#21
Hexachlorobenzene
Concen: 0.441 ng
RT: 16.22 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2975

Ion	Ratio	Lower	Upper
284	100		
142	38.9	31.0	46.4
249	34.2	27.1	40.7

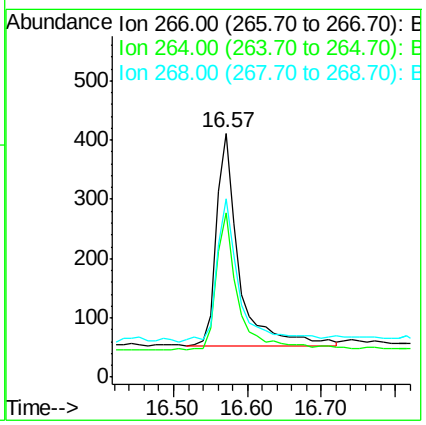


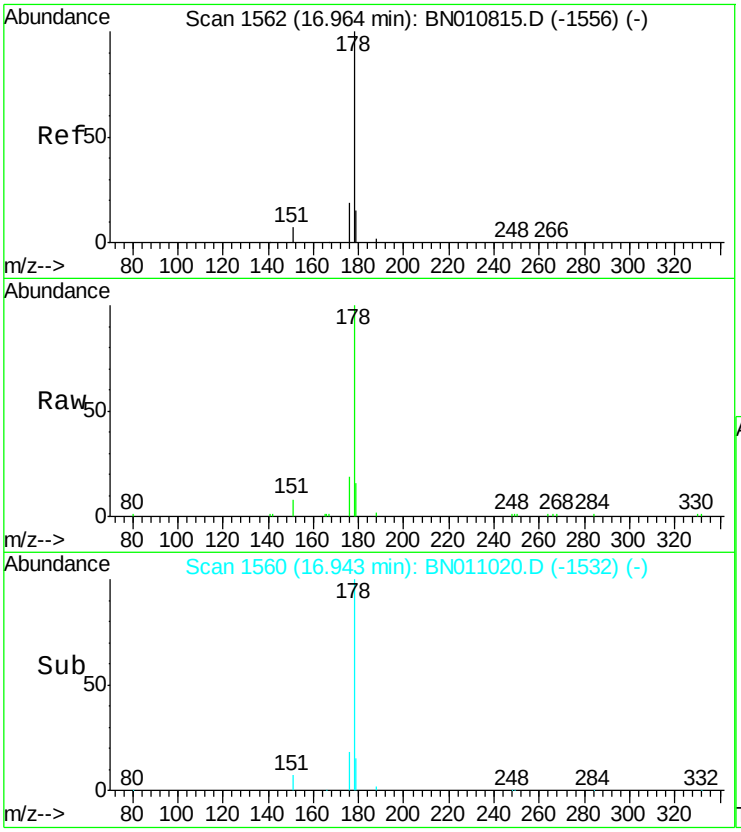


#22
Pentachlorophenol
Concen: 0.345 ng
RT: 16.57 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:266 Resp: 782

Ion	Ratio	Lower	Upper
266	100		
264	67.6	54.8	82.2
268	73.2	55.9	83.9



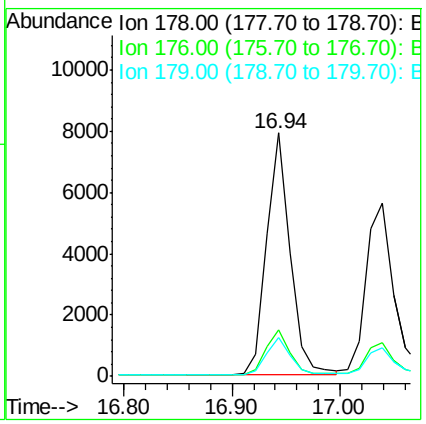


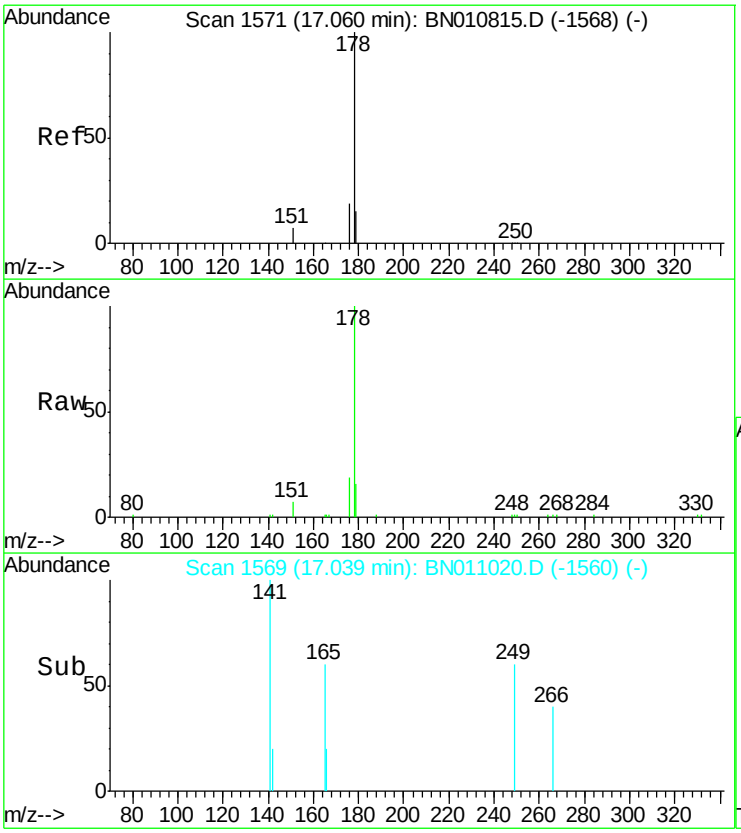
#23
Phenanthrene
Concen: 0.405 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 11905

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

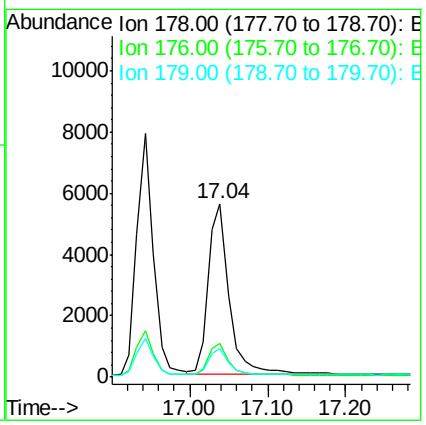


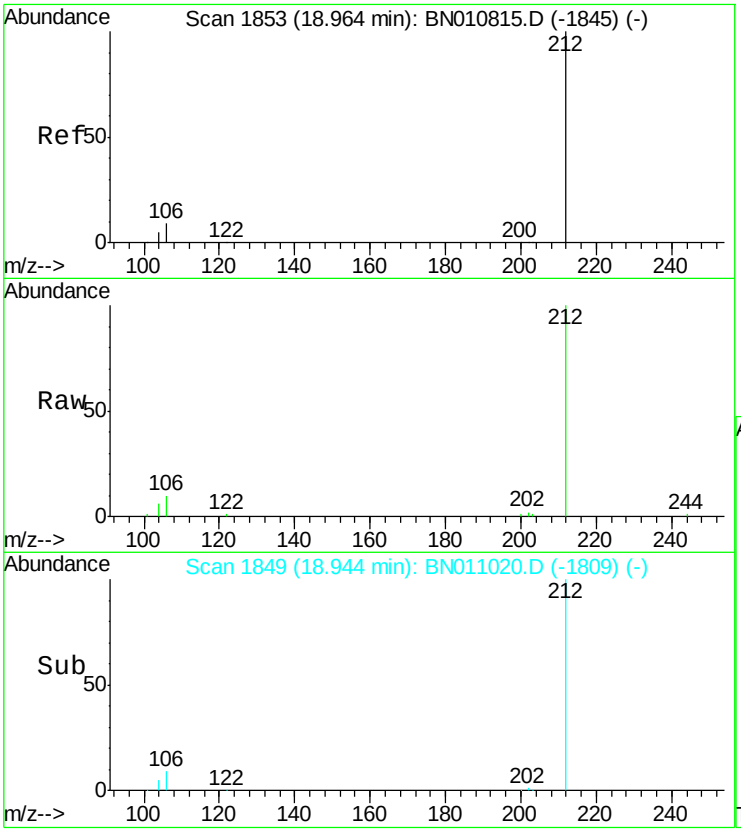


#24
Anthracene
Concen: 0.414 ng
RT: 17.04 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:178 Resp: 10161

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.2	12.3	18.5



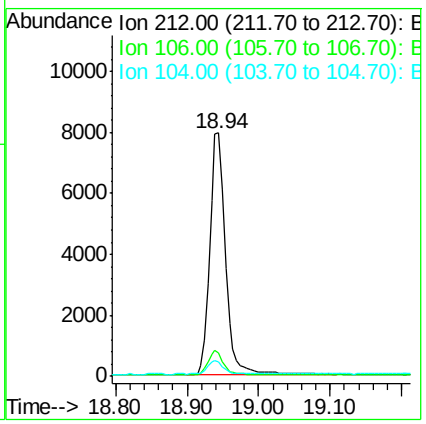


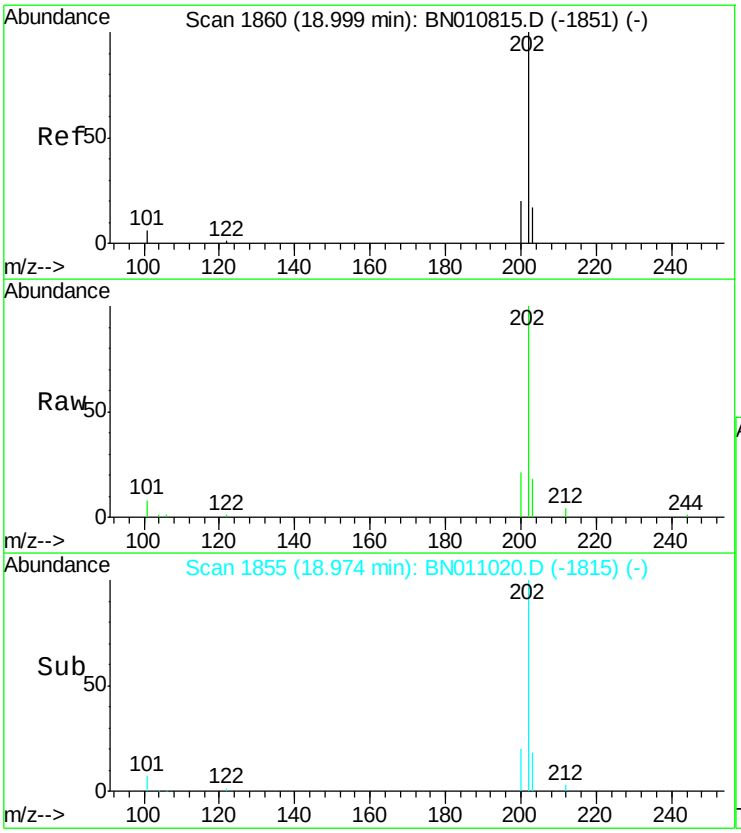
#25
Fluoranthene-d10
Concen: 0.410 ng
RT: 18.94 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 12183

Ion	Ratio	Lower	Upper
212	100		
106	9.6	6.6	10.0
104	5.4	4.0	6.0

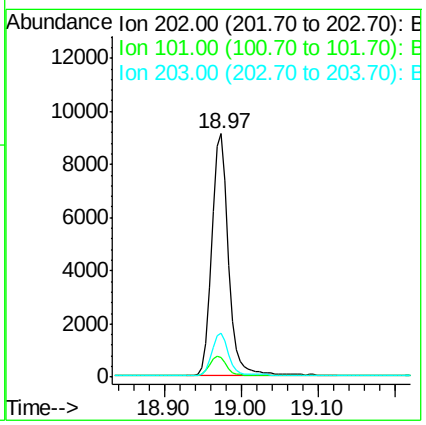


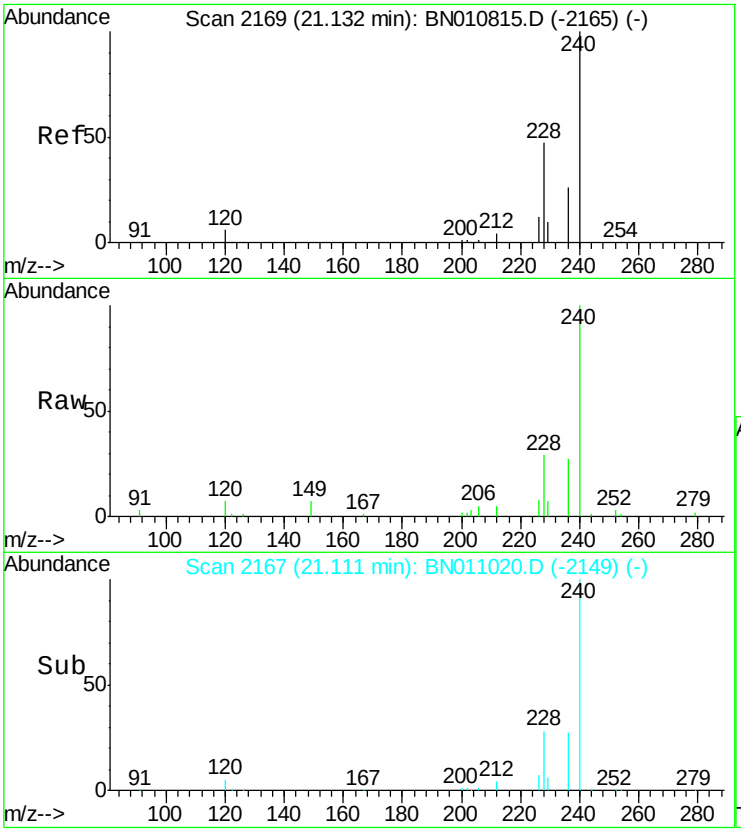


#26
Fluoranthene
Concen: 0.409 ng
RT: 18.97 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:202 Resp: 13653

Ion	Ratio	Lower	Upper
202	100		
101	8.3	5.8	8.6
203	16.8	13.7	20.5



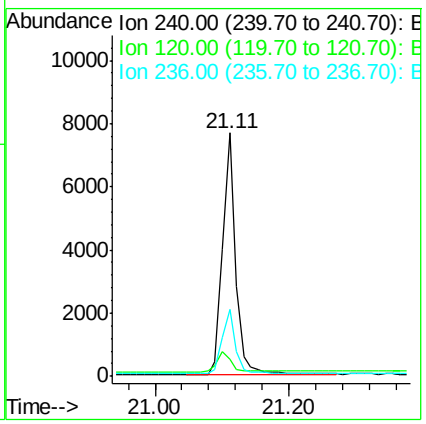


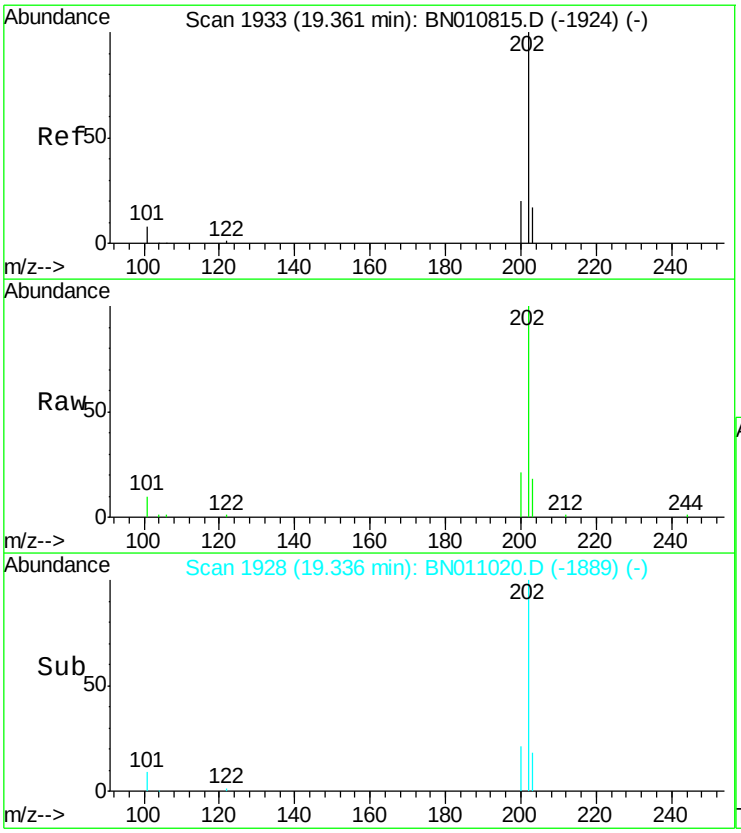
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 10351

Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.5	11.3#
236	27.4	22.3	33.5

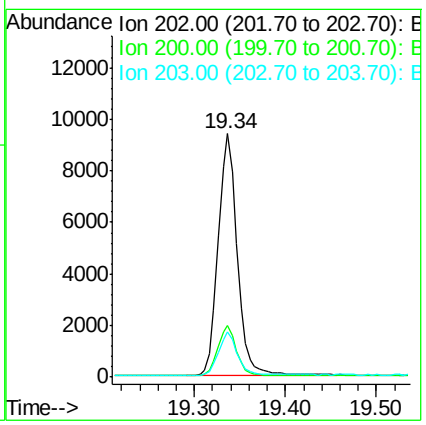


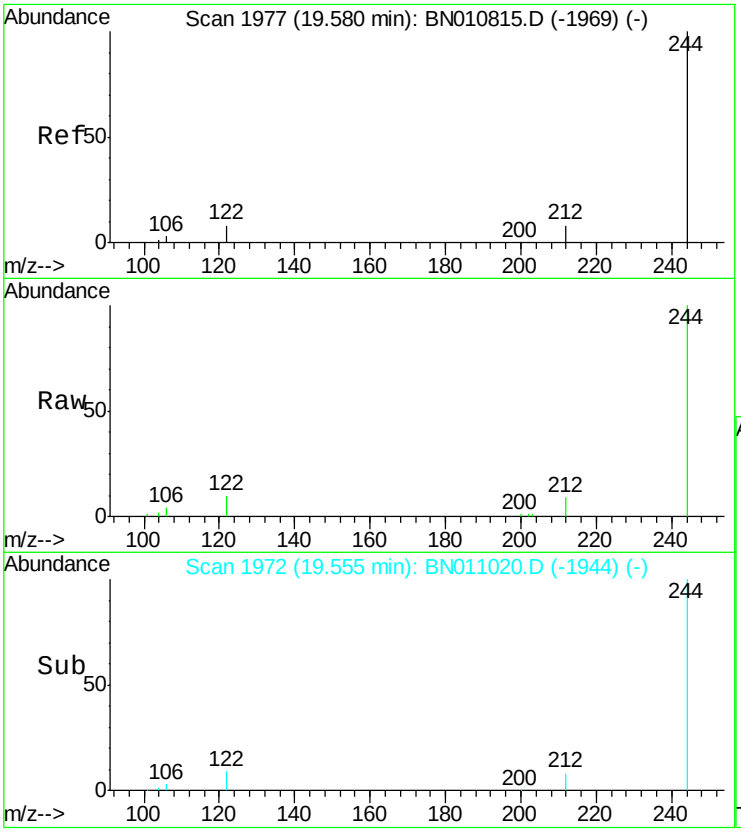


#28
Pyrene
Concen: 0.399 ng
RT: 19.34 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:202 Resp: 13666

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.8	14.2	21.4



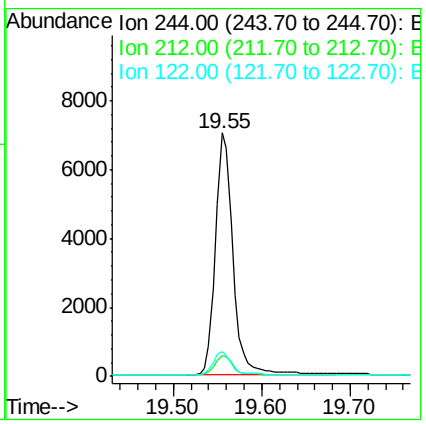


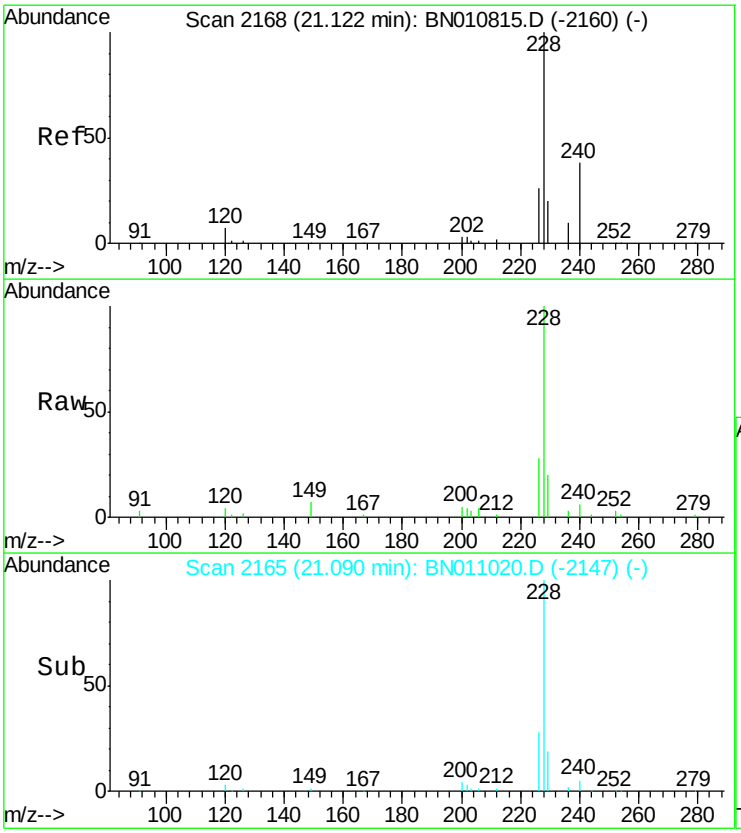
#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.55 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 9654

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	10.2	7.5	11.3

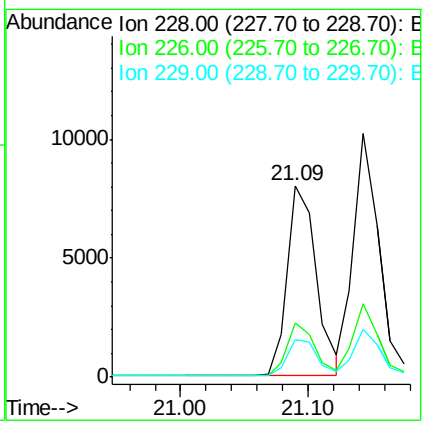


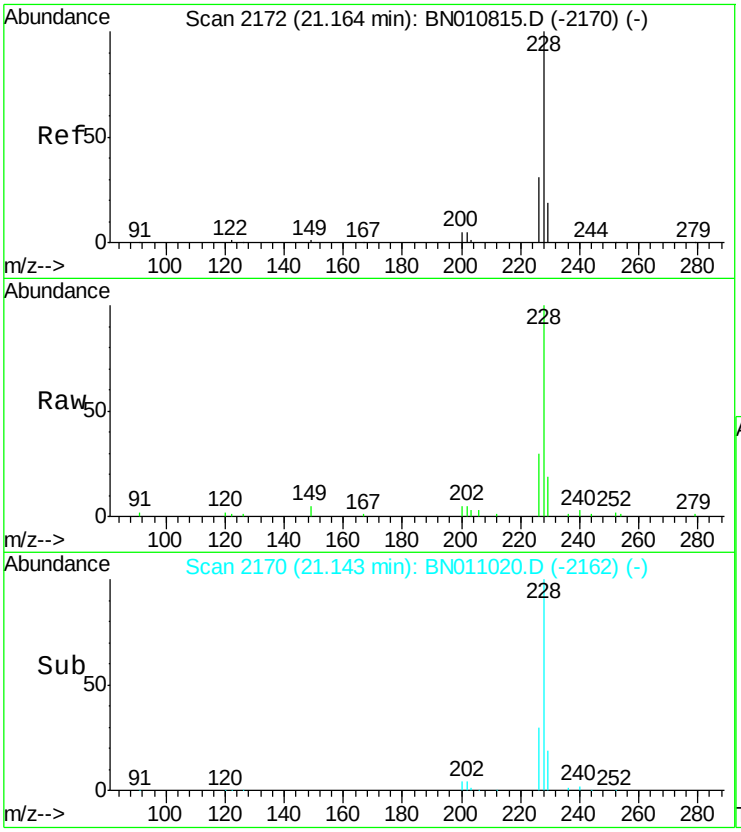


#30
Benzo(a)anthracene
Concen: 0.414 ng
RT: 21.09 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:228 Resp: 12581

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.3	31.9
229	19.9	16.6	24.8



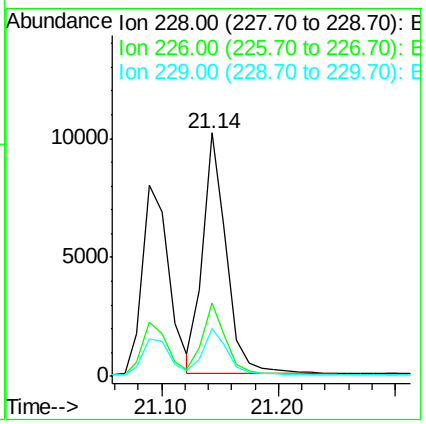


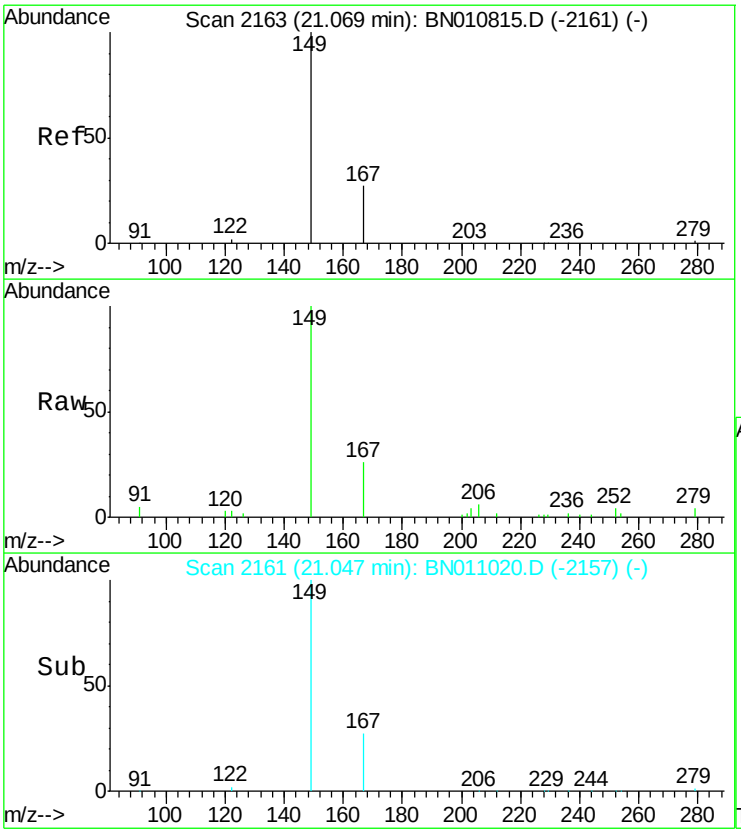
#31
Chrysene
Concen: 0.398 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 14104

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.4	16.1	24.1

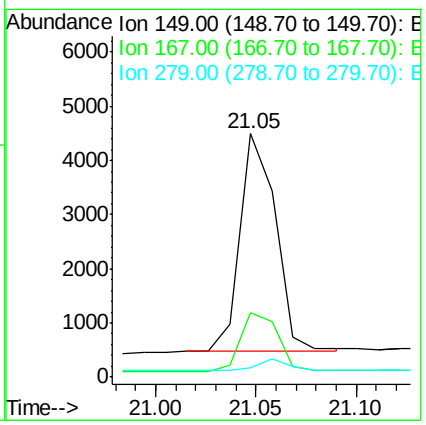


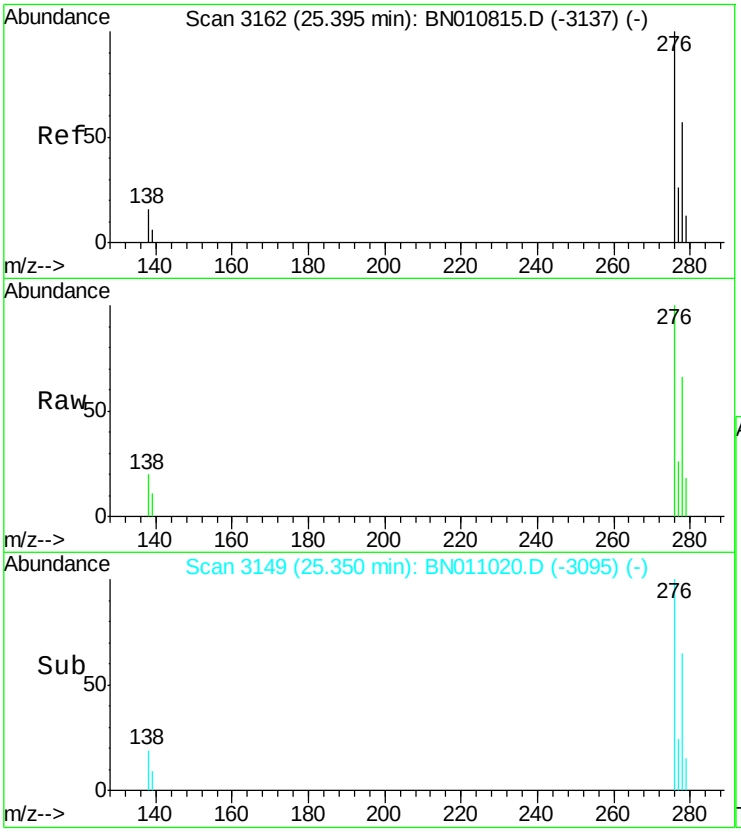


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.496 ng
RT: 21.05 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:149 Resp: 5036

Ion	Ratio	Lower	Upper
149	100		
167	28.0	24.1	36.1
279	4.9	4.6	7.0



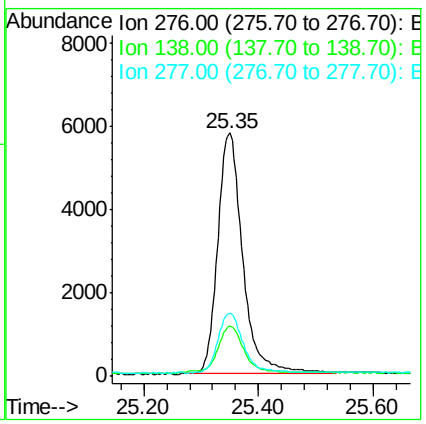


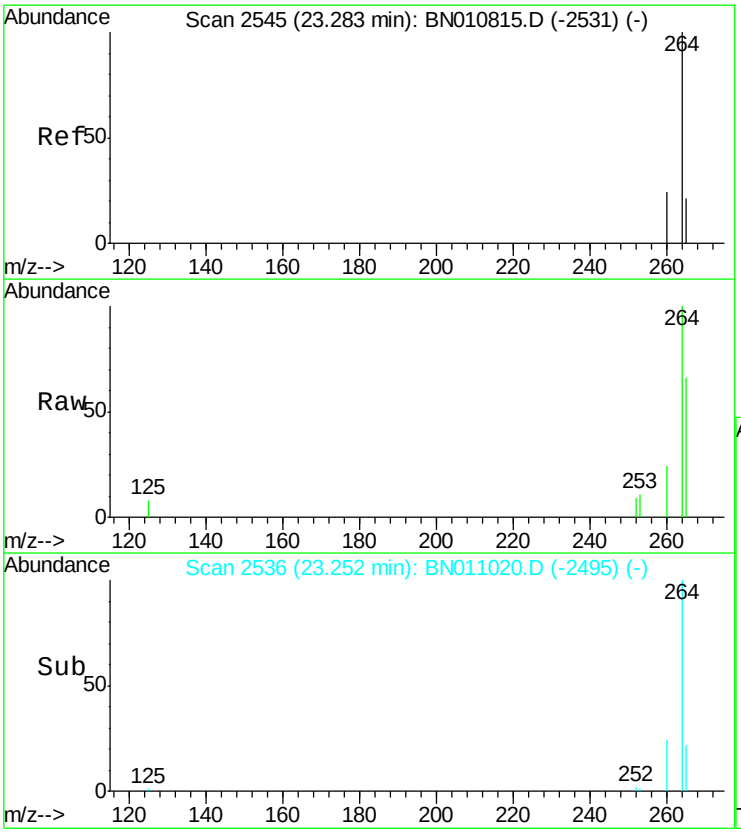
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 25.35 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 17656

Ion	Ratio	Lower	Upper
276	100		
138	20.4	13.0	19.6#
277	24.9	19.7	29.5

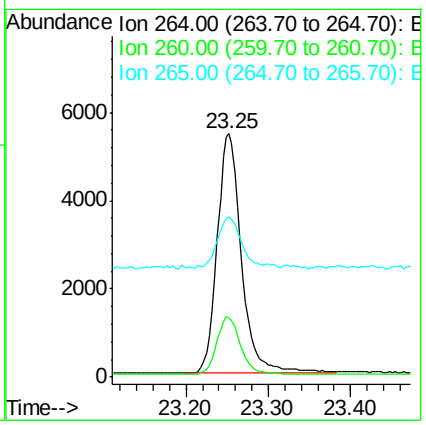


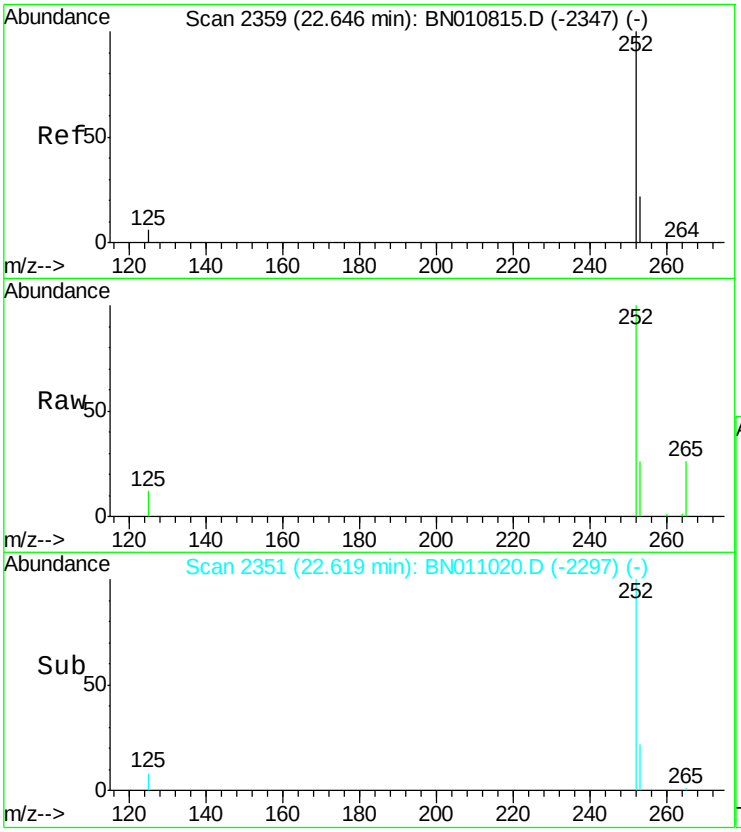


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:264 Resp: 11083

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	65.7	75.0	112.4#



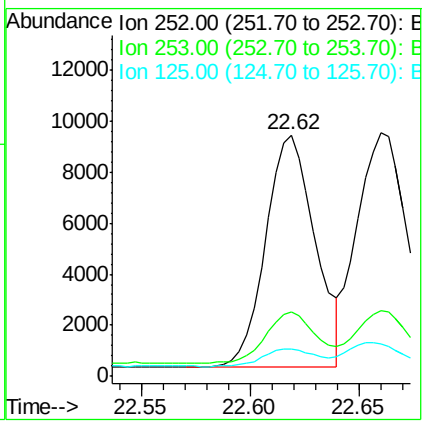


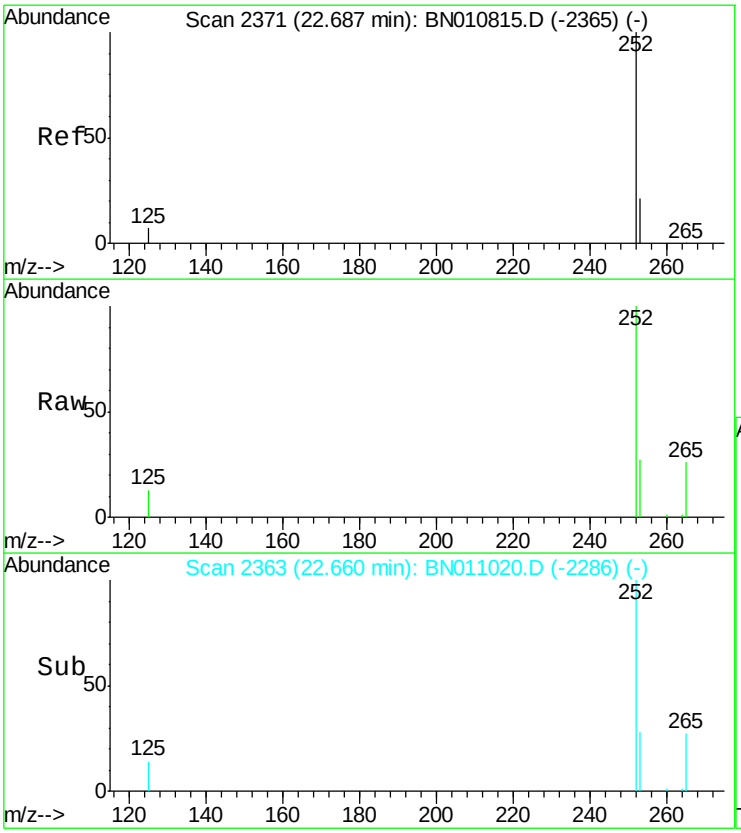
#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.62 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 14353

Ion	Ratio	Lower	Upper
252	100		
253	26.5	22.4	33.6
125	11.5	9.4	14.0

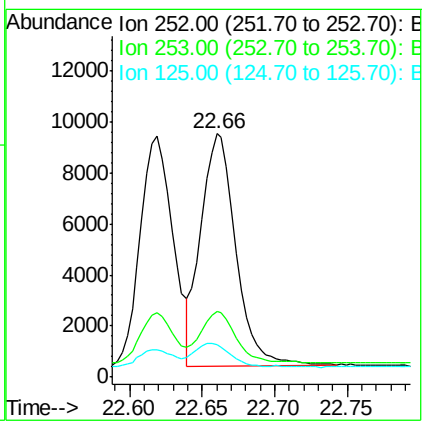


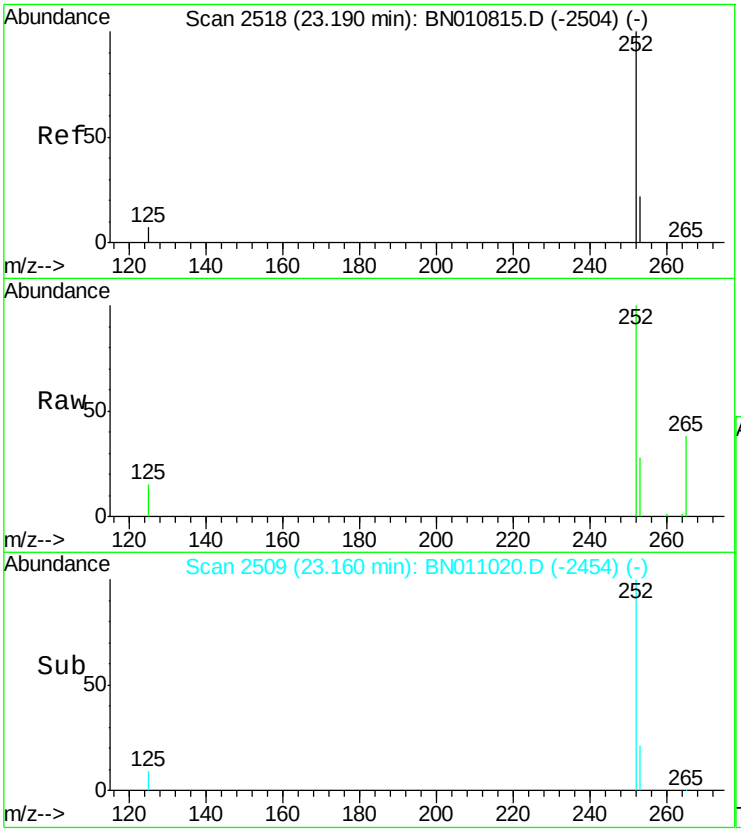


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 22.66 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:252 Resp: 15333

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.2	33.4
125	13.3	9.8	14.8



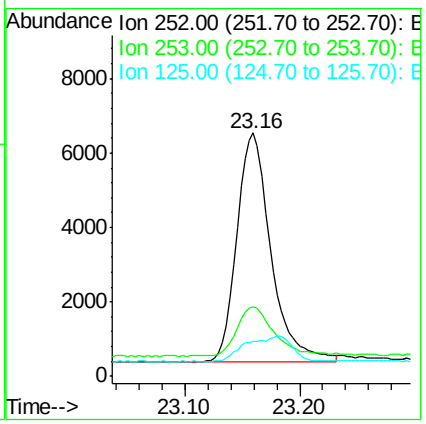


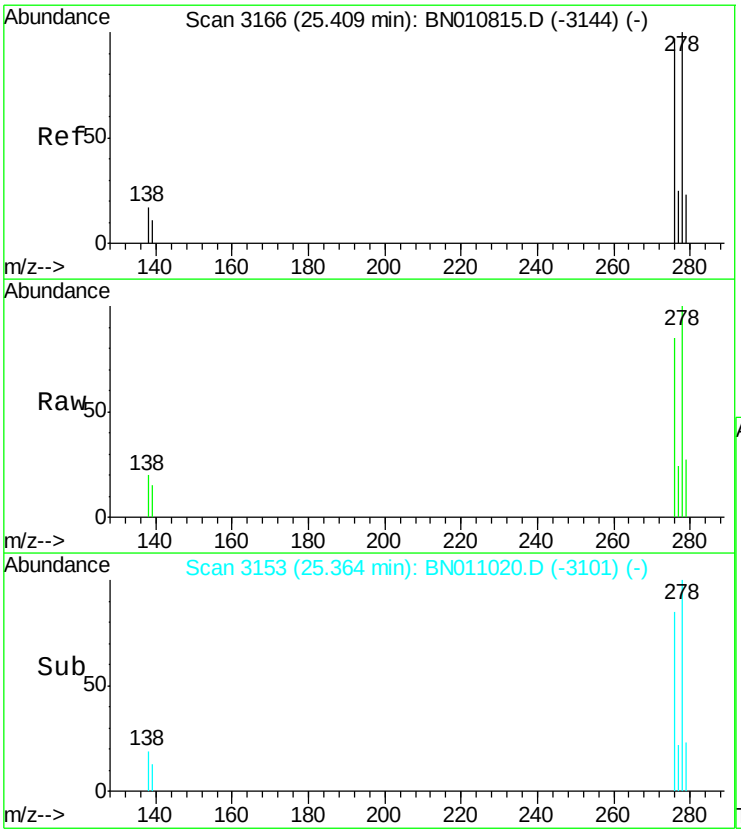
#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.16 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 12658

Ion	Ratio	Lower	Upper
252	100		
253	28.5	25.8	38.8
125	14.5	12.4	18.6

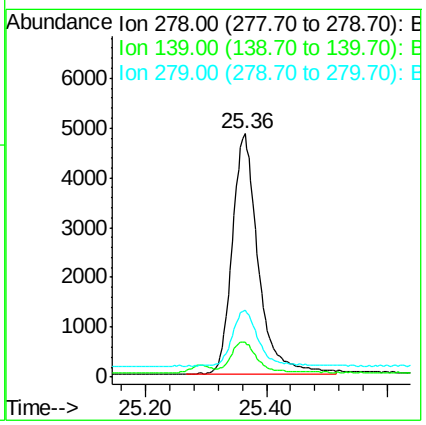


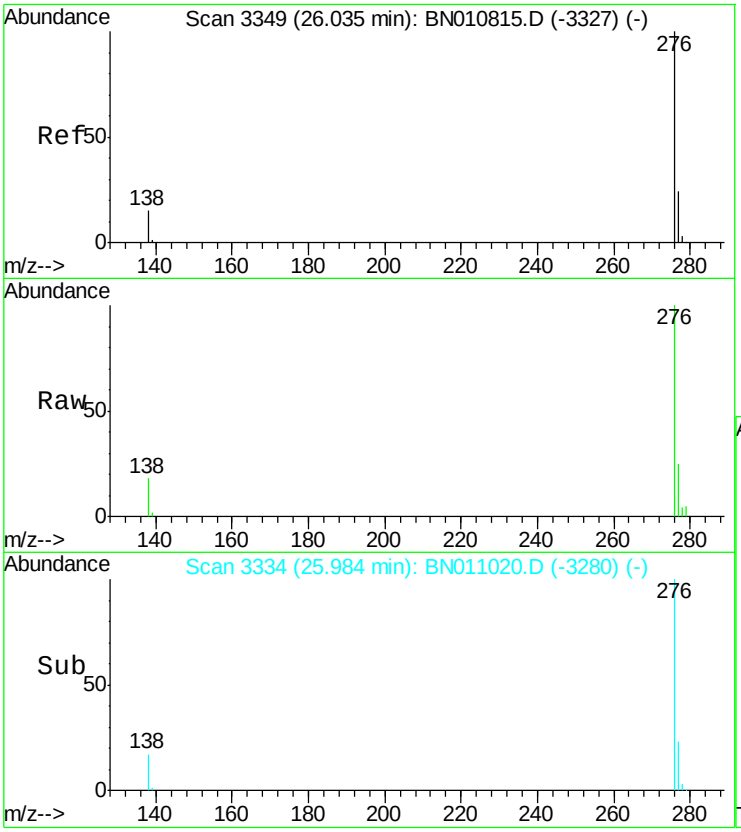


#38
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 25.36 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Tgt Ion:278 Resp: 14303

Ion	Ratio	Lower	Upper
278	100		
139	14.5	10.6	15.8
279	27.3	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.425 ng
RT: 25.98 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BN011020.D
Acq: 23 Jun 2020 03:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 16378

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.5	30.7
138	18.4	13.7	20.5