Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010286.D
Acq On : 19 Mar 2020 12:16
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 19 15:16:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:04:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3986	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13711	0.40	ng		0.00
13) Acenaphthene-d10	14.25	164	8217	0.40	ng		0.00
19) Phenanthrene-d10	16.99	188	19338	0.40	ng		0.00
27) Chrysene-d12	21.19	240	20525	0.40	ng		0.00
34) Perylene-d12	23.37	264	21485	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3122	0.33	ng		0.00
5) Phenol-d6	6.80	99	3831	0.33	ng		0.00
8) Nitrobenzene-d5	8.74	82	3360	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	8581	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1127	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	12749	0.44	ng		0.00
25) Fluoranthene-d10	19.02	212	22251	0.37	ng		0.00
29) Terphenyl-d14	19.63	244	17720	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1535	0.395	ng		98
3) n-Nitrosodimethylamine	3.55	42	1193	0.346	ng		99
6) bis(2-Chloroethyl)ether	7.06	93	3821	0.391	ng		100
9) Naphthalene	10.43	128	13763	0.401	ng		100
10) Hexachlorobutadiene	10.73	225	3291	0.416	ng	#	100
12) 2-Methylnaphthalene	12.05	142	9331	0.378	ng		100
16) Acenaphthylene	13.96	152	11971	0.316	ng		100
17) Acenaphthene	14.30	154	9096	0.395	ng		100
18) Fluorene	15.29	166	11822	0.377	ng		100
20) 4-Bromophenyl-phenylether	16.19	248	4609	0.415	ng		100
21) Hexachlorobenzene	16.31	284	4797	0.442	ng		100
22) Pentachlorophenol	16.65	266	1416	0.423	ng		100
23) Phenanthrene	17.03	178	20943	0.408	ng		100
24) Anthracene	17.11	178	17060	0.334	ng		100
26) Fluoranthene	19.05	202	25048	0.385	ng		100
28) Pyrene	19.42	202	25287	0.369	ng		100
30) Benzo(a)anthracene	21.17	228	24994	0.358	ng		100
31) Chrysene	21.23	228	28147	0.410	ng		100
32) Bis(2-ethylhexyl)phthalate	21.13	149	7884	0.265	ng		100
33) Indeno(1,2,3-cd)pyrene	25.52	276	32291	0.396	ng		100
35) Benzo(b)fluoranthene	22.72	252	26511	0.401	ng		100
36) Benzo(k)fluoranthene	22.77	252	28941	0.434	ng		100
37) Benzo(a)pyrene	23.27	252	22381	0.359	ng		100
38) Dibenzo(a,h)anthracene	25.53	278	26772	0.428	ng		100
39) Benzo(g,h,i)perylene	26.16	276	25361	0.406	ng		100

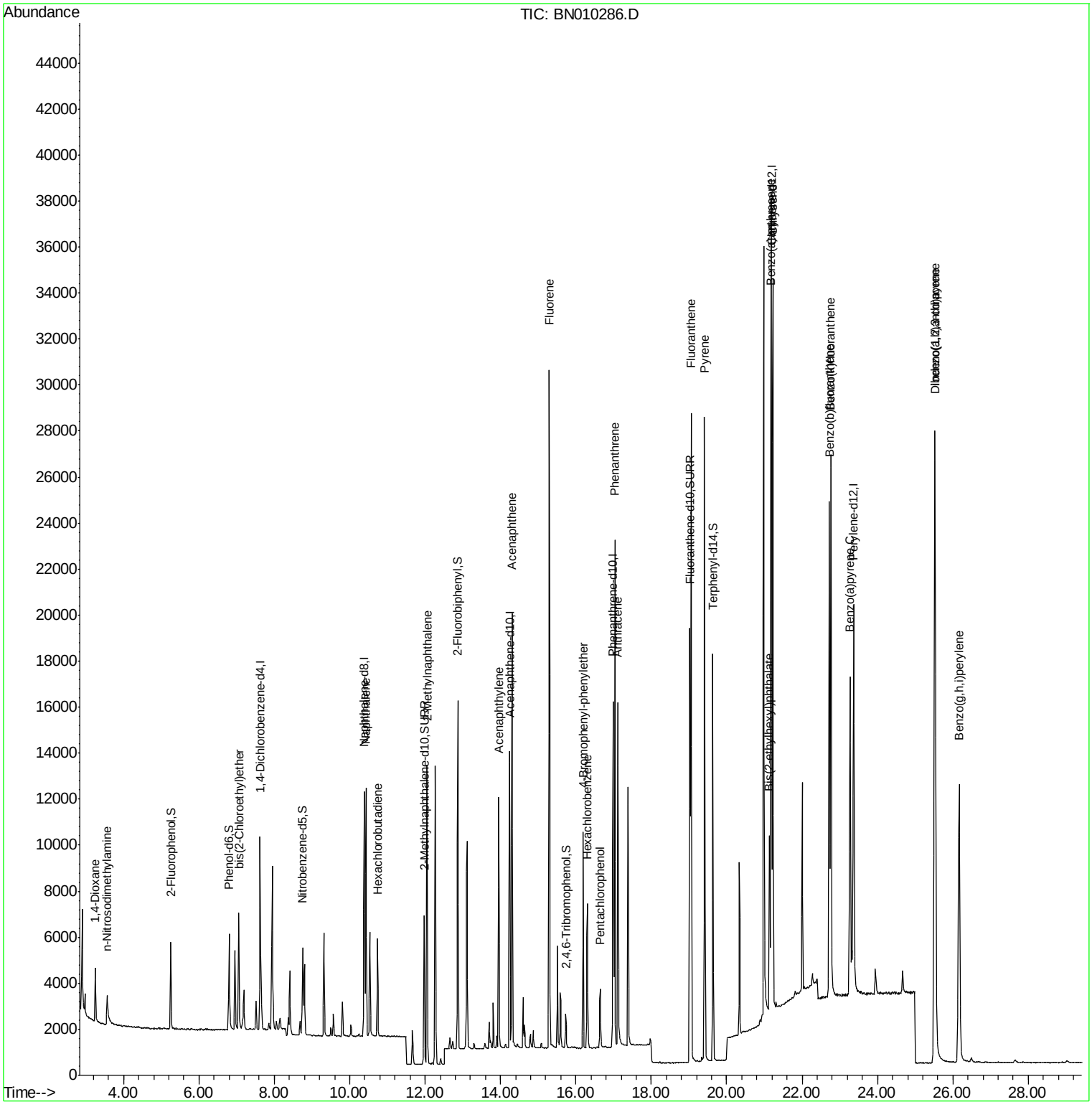
(#) = qualifier out of range (m) = manual integration (+) = signals summed

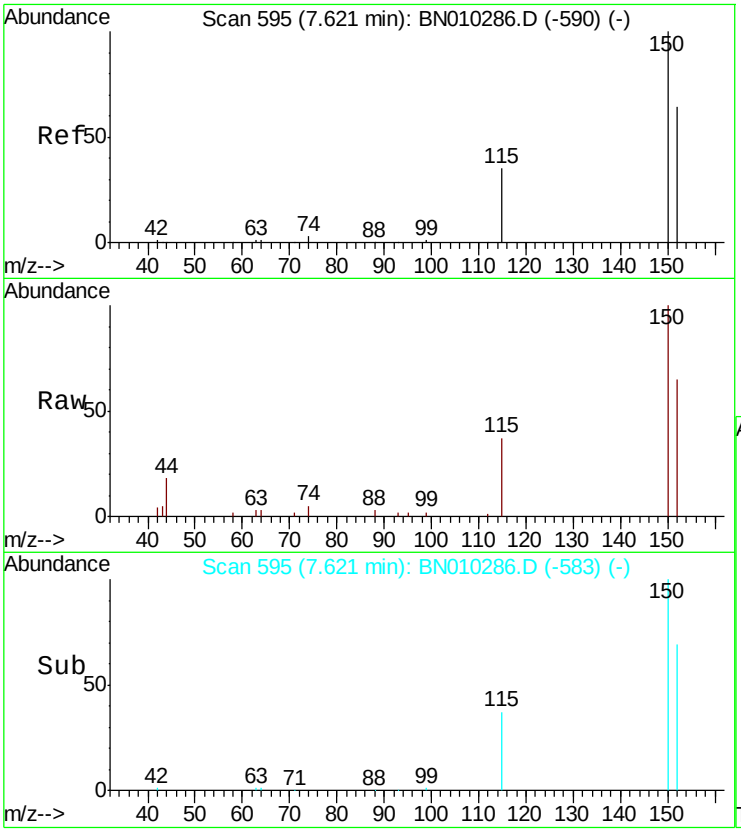
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010286.D
Acq On : 19 Mar 2020 12:16
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 19 15:16:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:04:26 2020
Response via : Initial Calibration



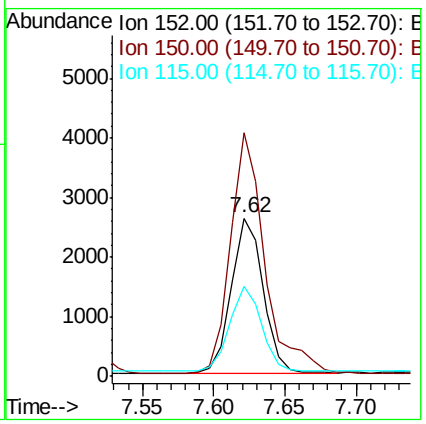


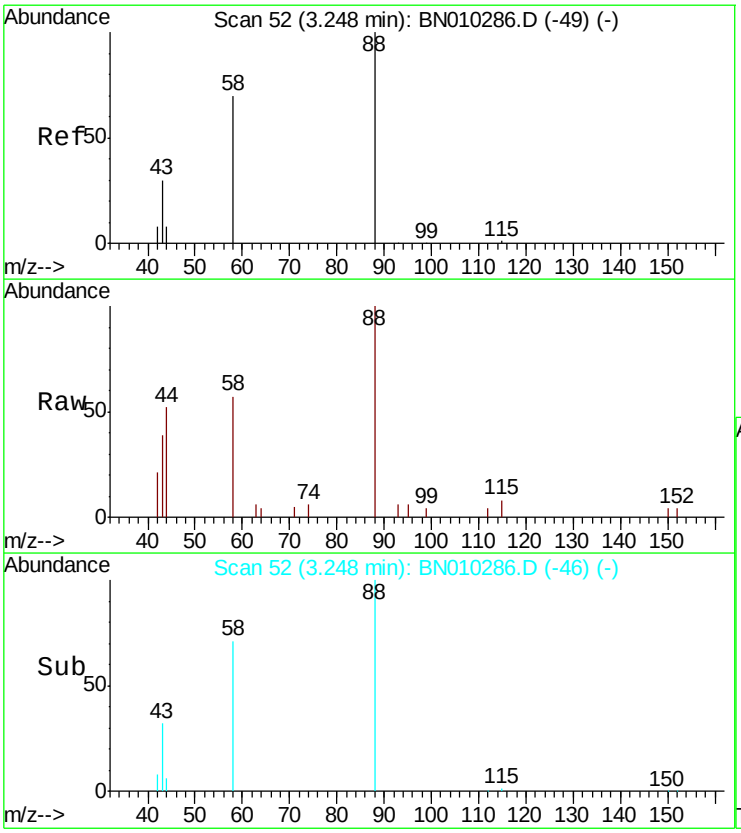
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3986

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.1	184.7
115	56.5	45.2	67.8

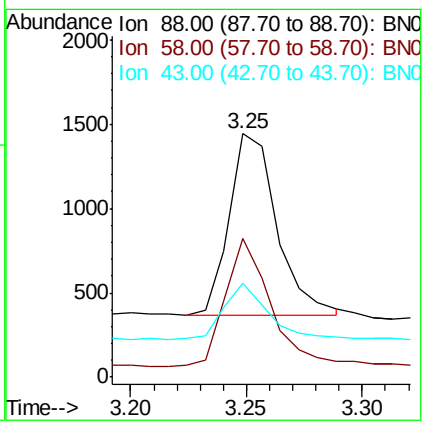


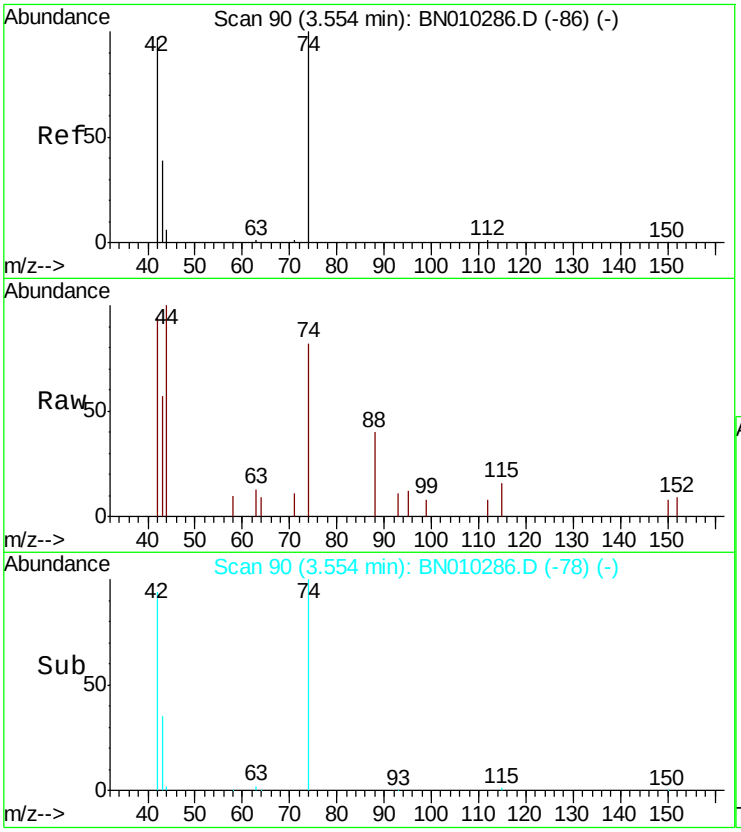


#2
1,4-Dioxane
Concen: 0.395 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion: 88 Resp: 1535

Ion	Ratio	Lower	Upper
88	100		
58	65.4	51.7	77.5
43	28.0	21.2	31.8



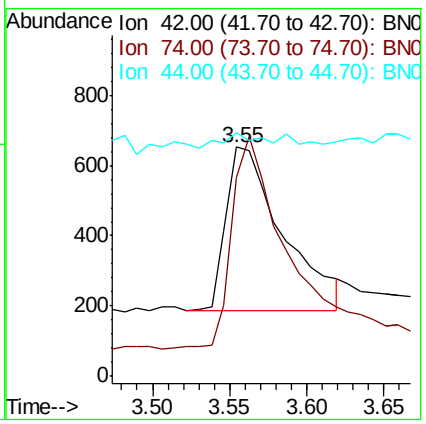


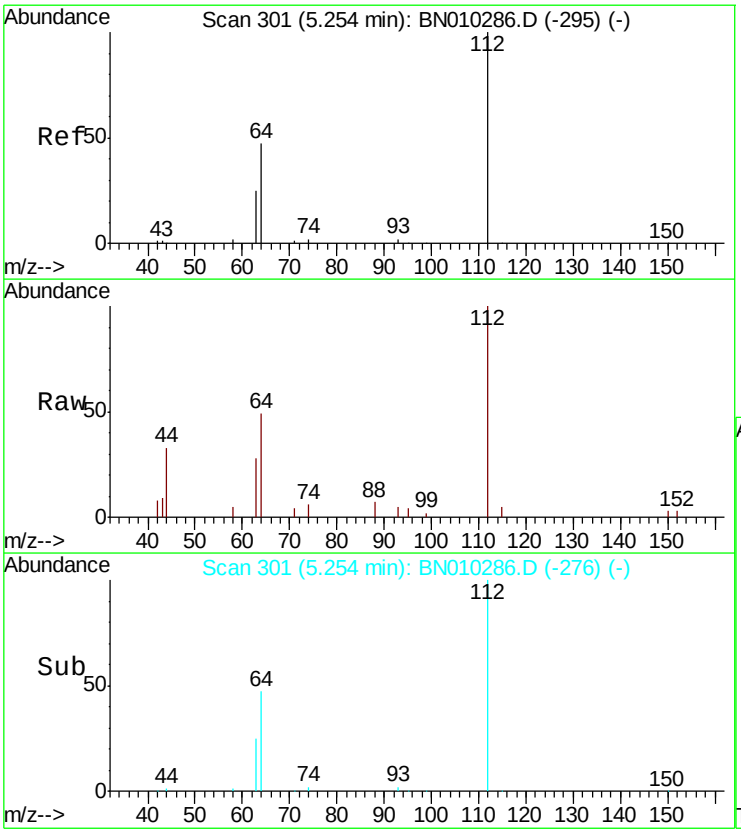
#3
n-Nitrosodimethylamine
Concen: 0.346 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1193

Ion	Ratio	Lower	Upper
42	100		
74	122.5	99.4	149.0
44	6.4	4.8	7.2

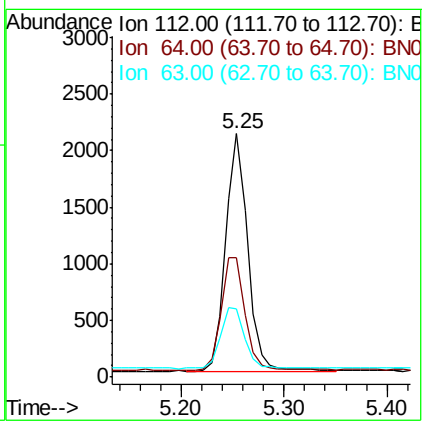


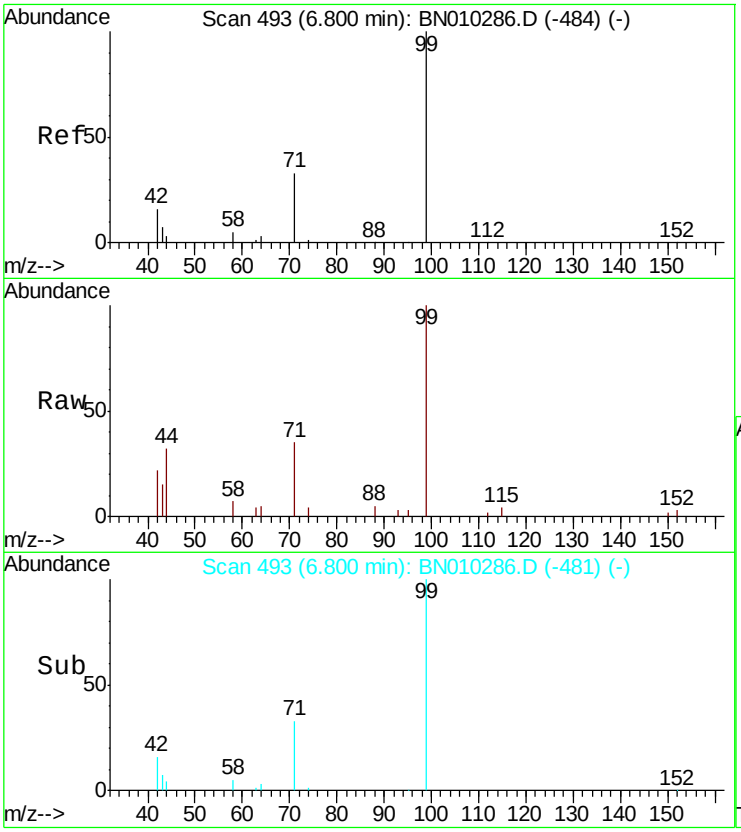


#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:112 Resp: 3122

Ion	Ratio	Lower	Upper
112	100		
64	51.8	41.4	62.2
63	28.6	22.9	34.3



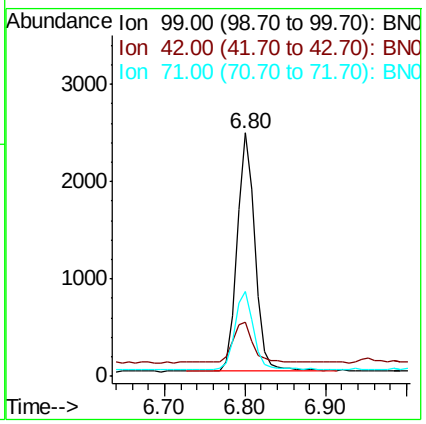


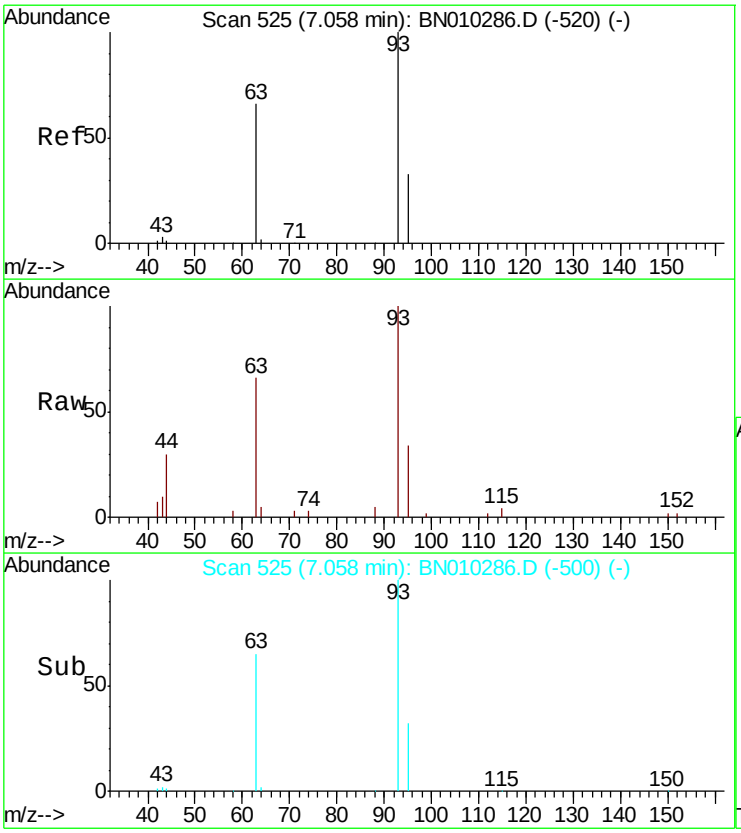
#5
Phenol-d6
Concen: 0.328 ng
RT: 6.80 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3831

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.8	22.2
71	34.1	27.3	40.9

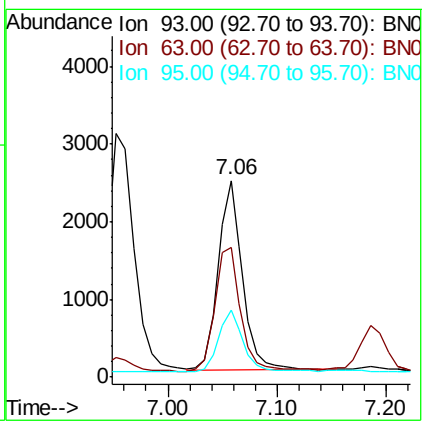


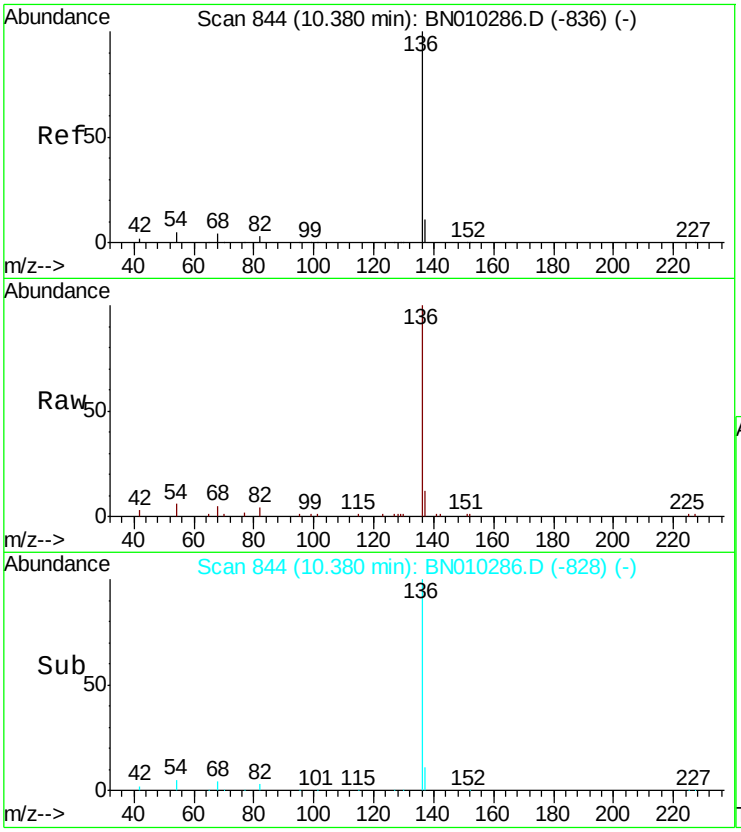


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 7.06 min Scan# 525
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion: 93 Resp: 3821

Ion	Ratio	Lower	Upper
93	100		
63	69.5	55.6	83.4
95	32.8	26.2	39.4



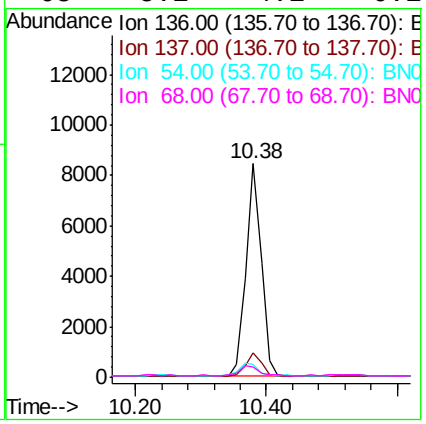


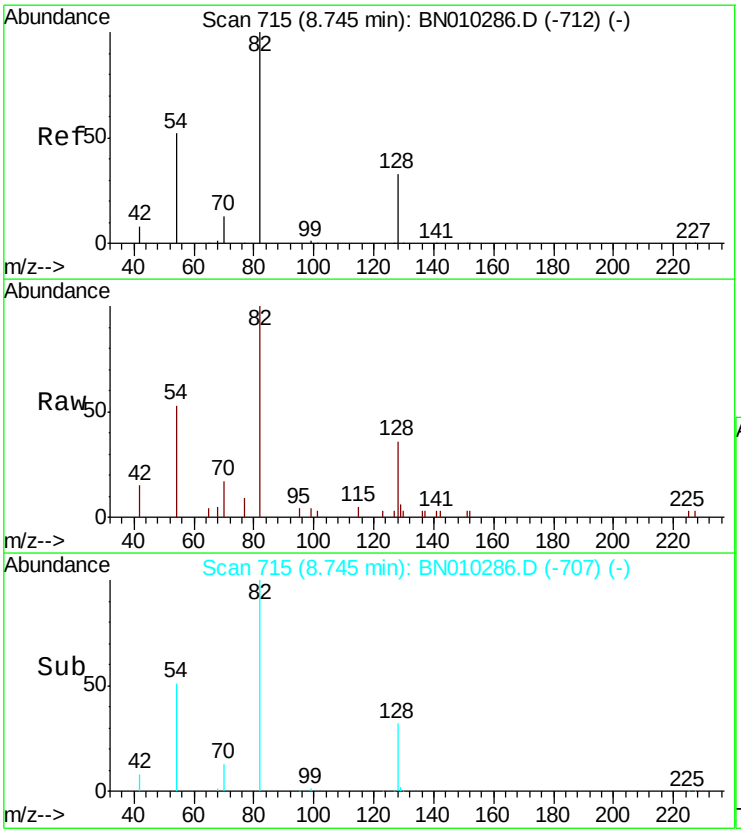
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13711

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	6.0	4.8	7.2
68	5.1	4.1	6.1

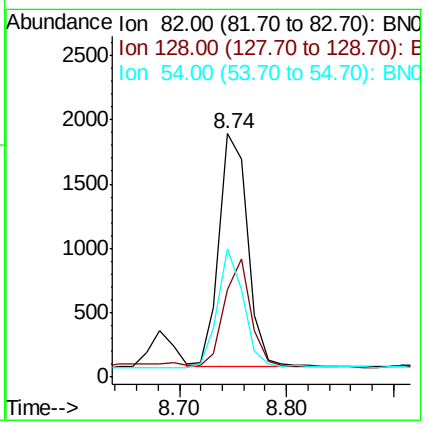


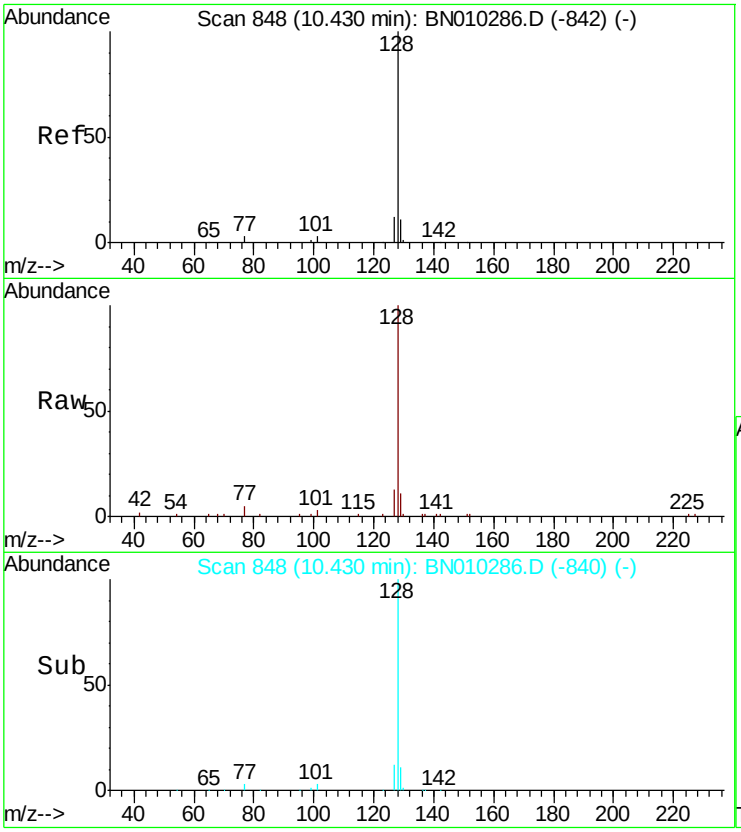


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.74 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion: 82 Resp: 3360

Ion	Ratio	Lower	Upper
82	100		
128	36.0	28.8	43.2
54	52.6	42.1	63.1



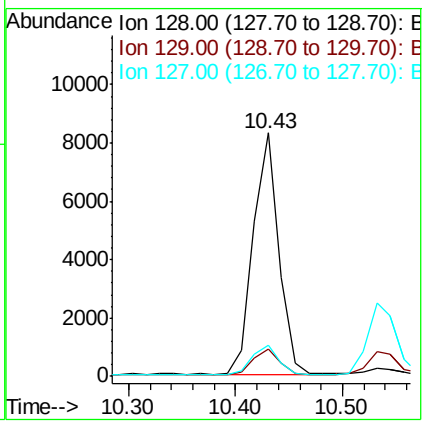


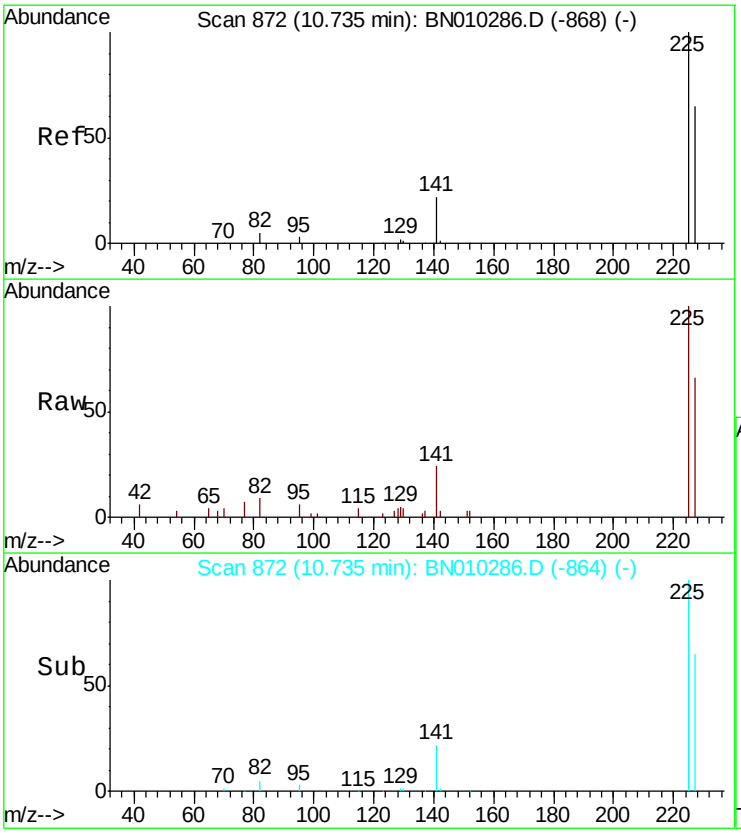
#9
Naphthalene
Concen: 0.401 ng
RT: 10.43 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 13763

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.0	10.4	15.6

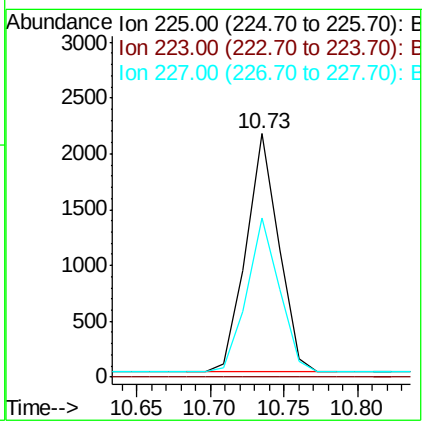


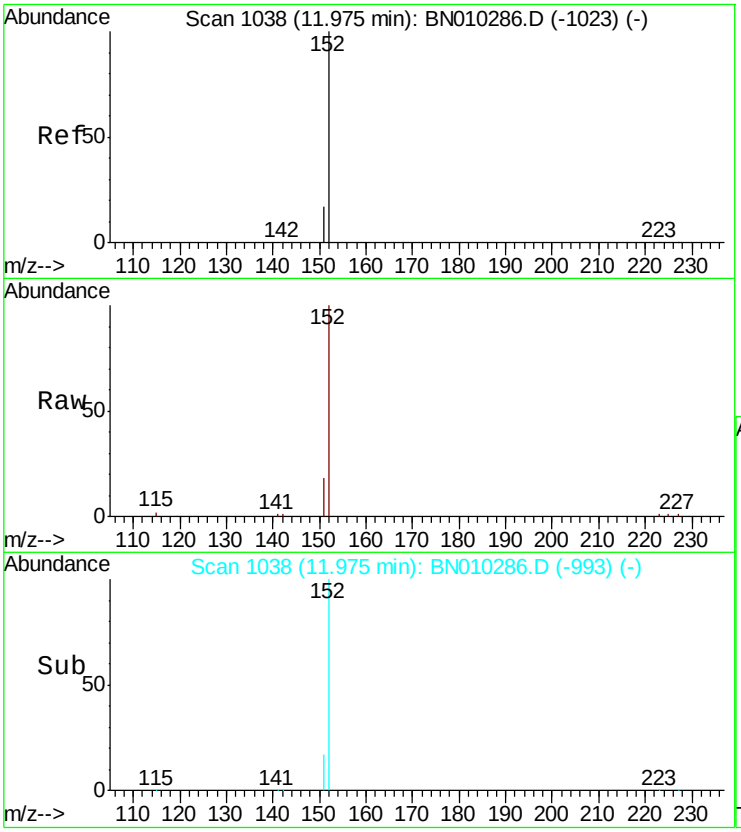


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.73 min Scan# 872
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:225 Resp: 3291

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.9	51.9	77.9



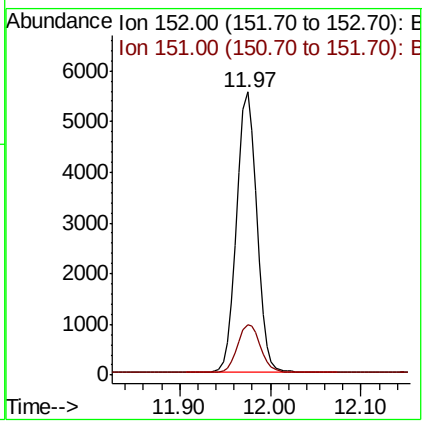


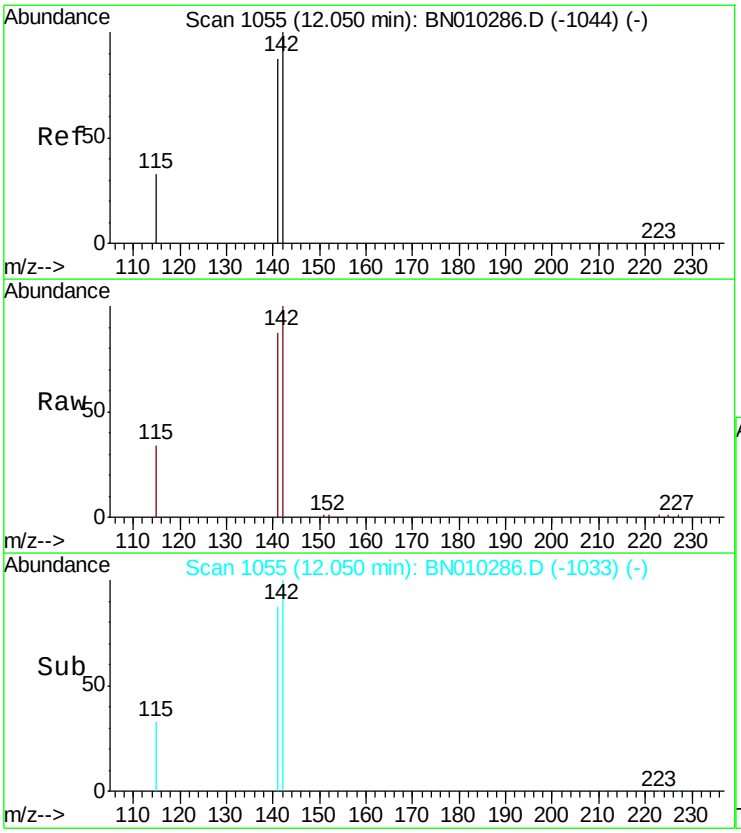
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.97 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8581

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

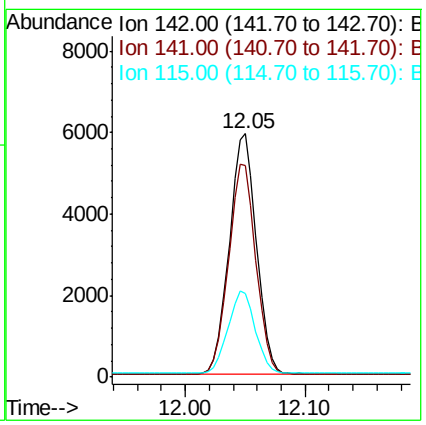


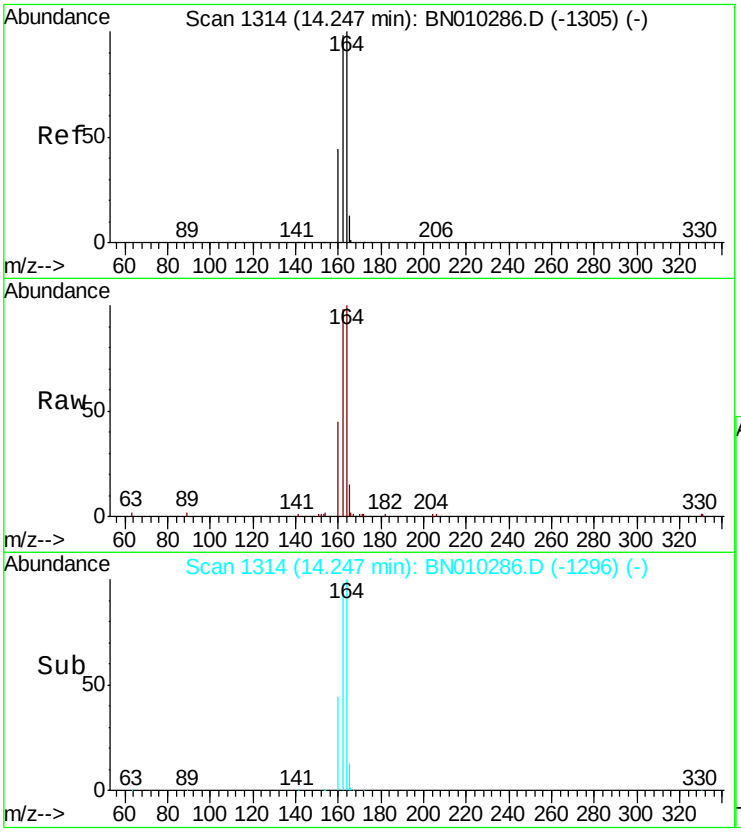


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.05 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:142 Resp: 9331

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.5	104.3
115	34.4	27.5	41.3



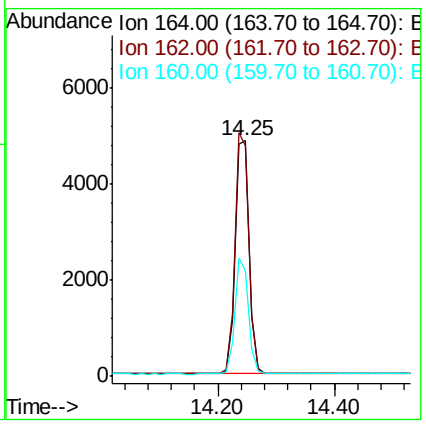


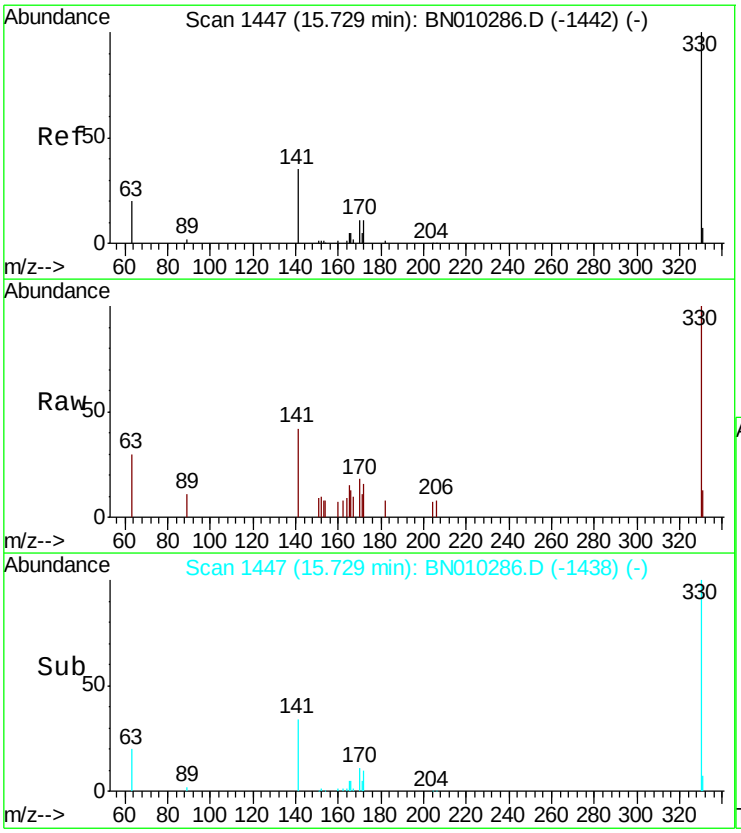
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8217

Ion	Ratio	Lower	Upper
164	100		
162	97.7	78.2	117.2
160	44.7	35.8	53.6

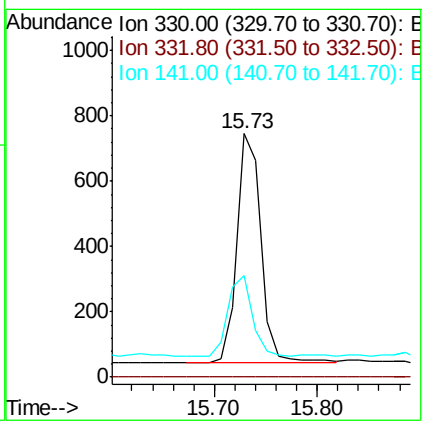


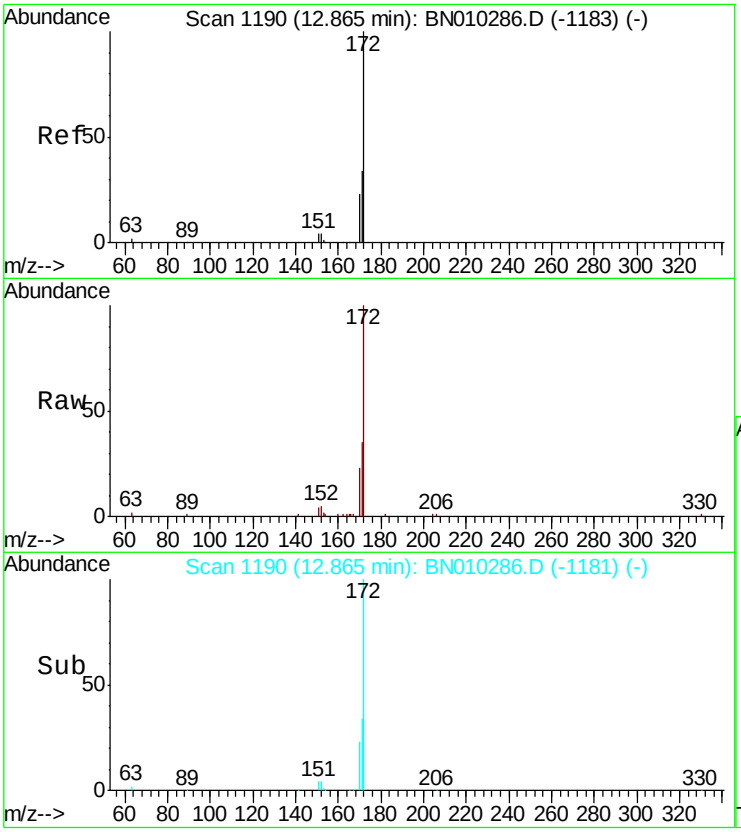


#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:330 Resp: 1127

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.6	29.3	43.9



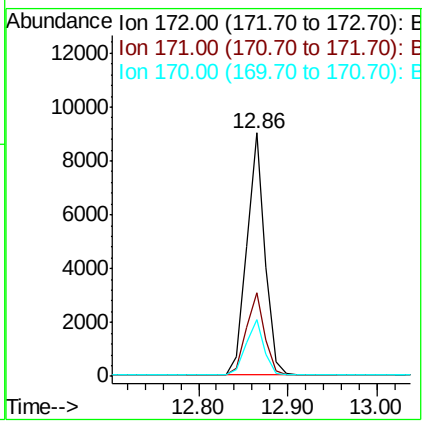


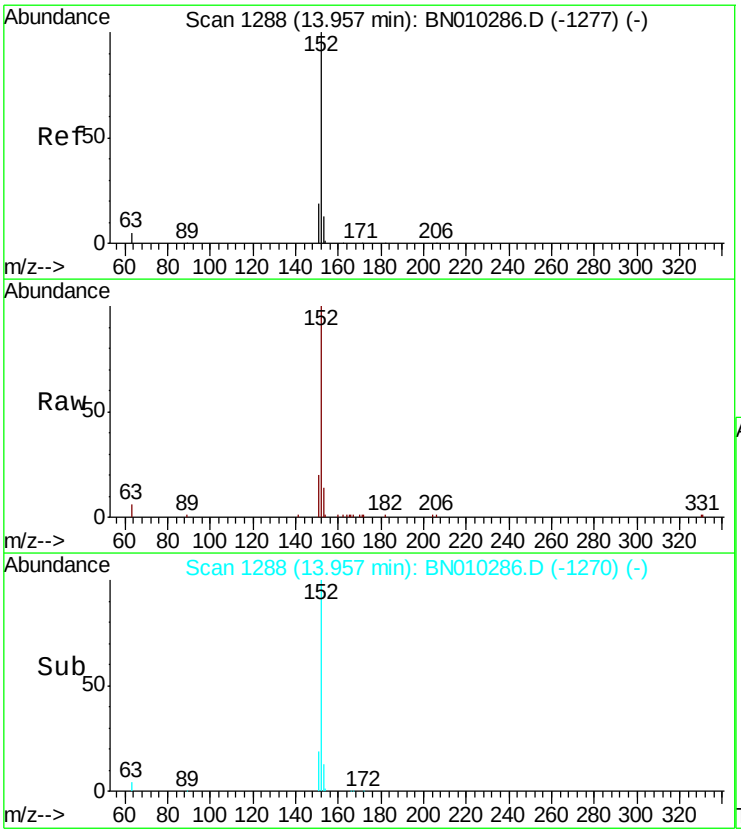
#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 12749

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.6	41.4
170	23.1	18.5	27.7

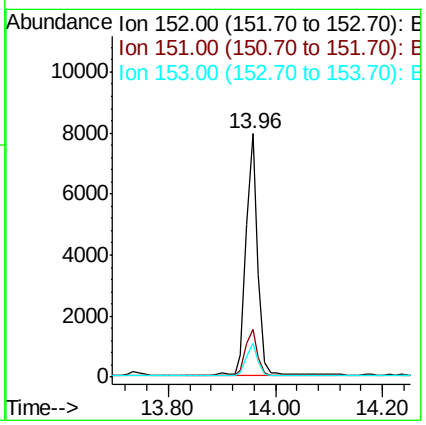


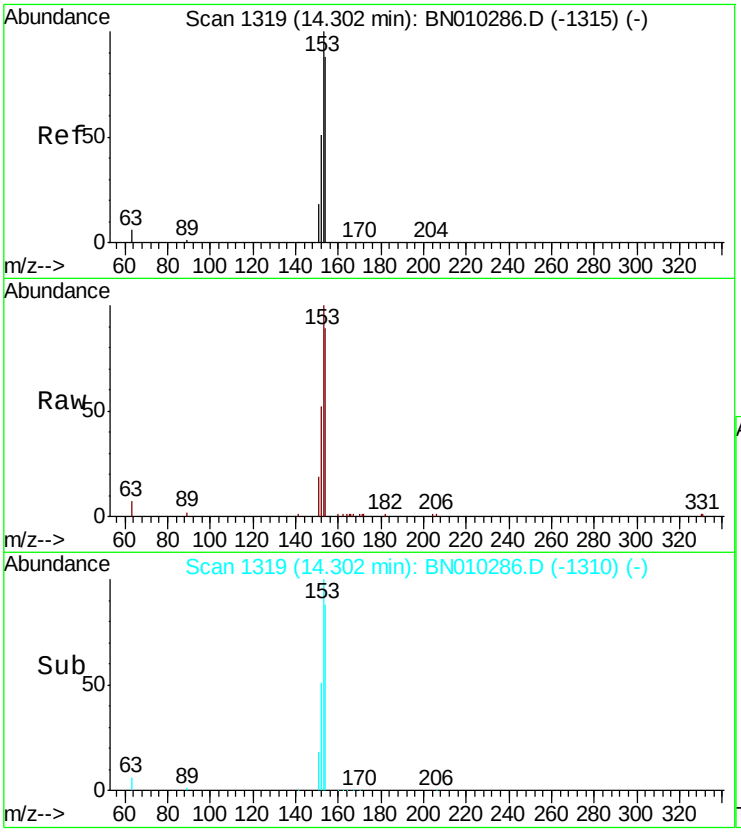


#16
Acenaphthylene
Concen: 0.316 ng
RT: 13.96 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:152 Resp: 11971

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.2	10.6	15.8



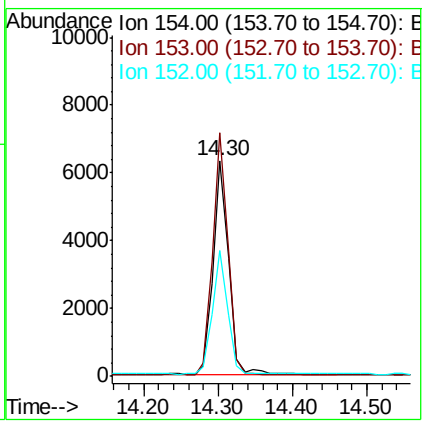


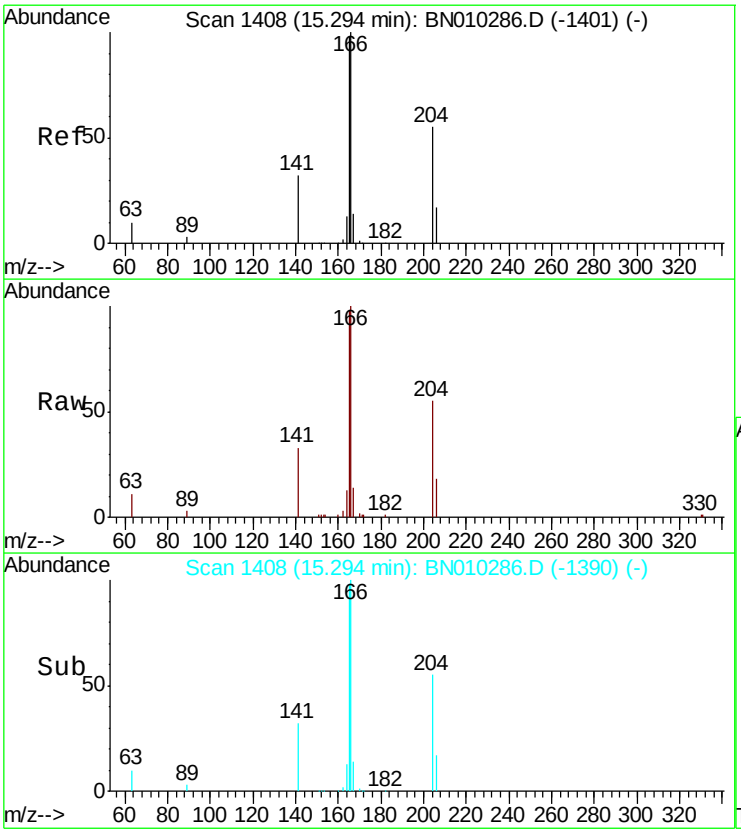
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.30 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 9096

Ion	Ratio	Lower	Upper
154	100		
153	110.1	88.1	132.1
152	56.9	45.5	68.3

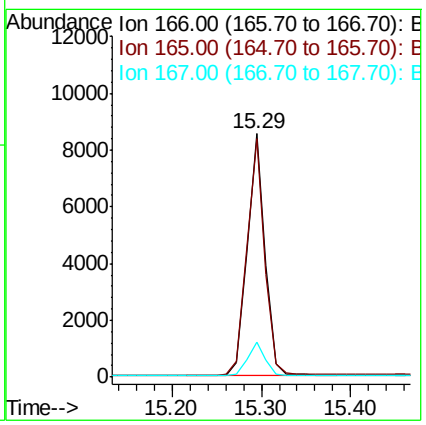


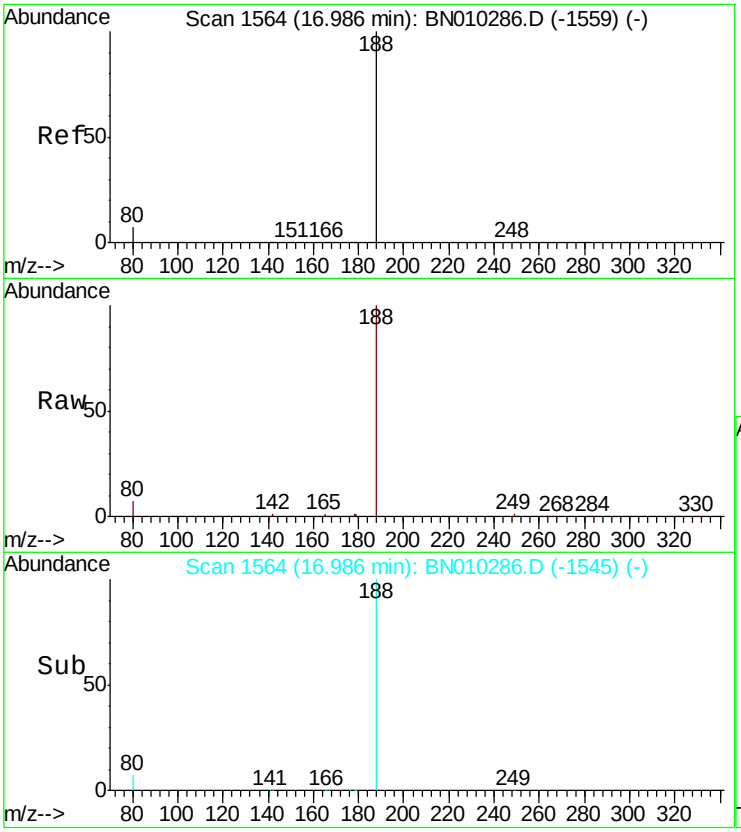


#18
Fluorene
Concen: 0.377 ng
RT: 15.29 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:166 Resp: 11822

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	13.7	11.0	16.4



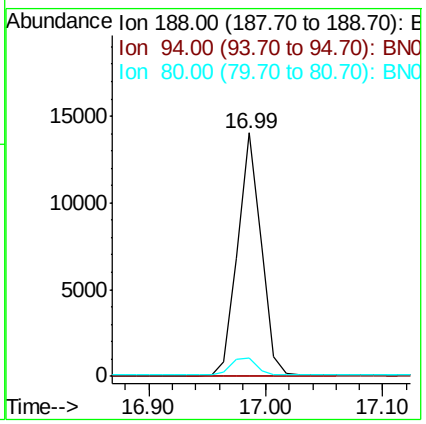


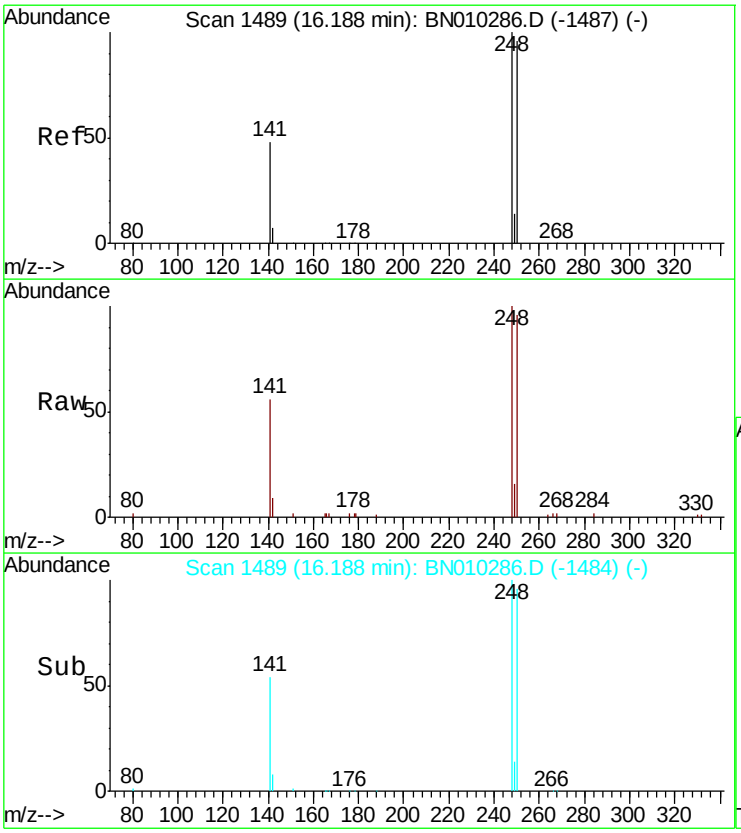
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 19338

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.0	9.0

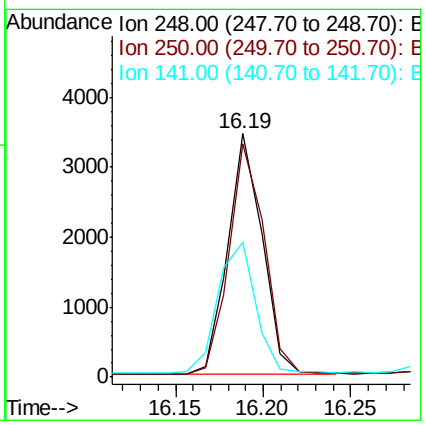


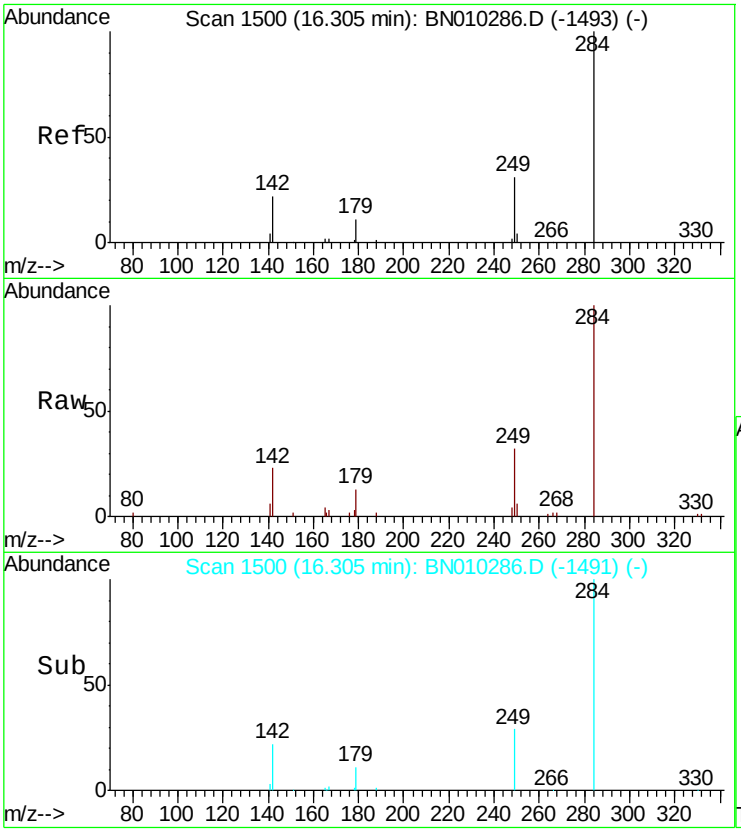


#20
4-Bromophenyl-phenylether
Concen: 0.415 ng
RT: 16.19 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:248 Resp: 4609

Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.8	115.2
141	55.5	44.4	66.6



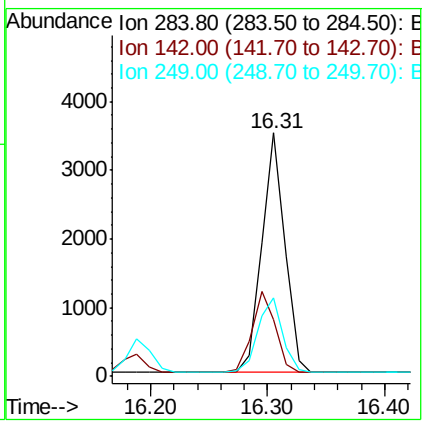


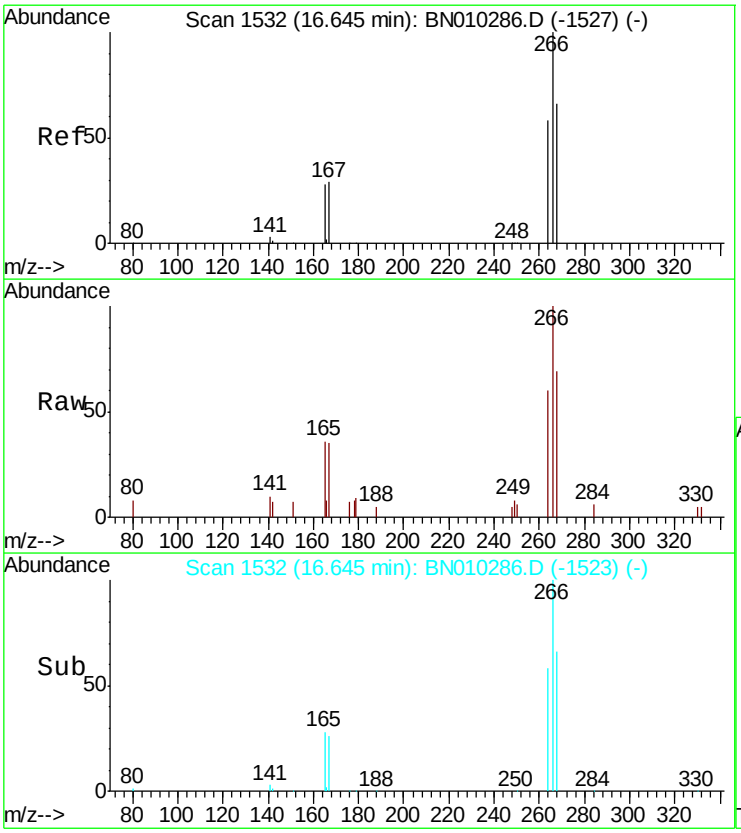
#21
Hexachlorobenzene
Concen: 0.442 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4797

Ion	Ratio	Lower	Upper
284	100		
142	34.3	27.4	41.2
249	33.1	26.5	39.7

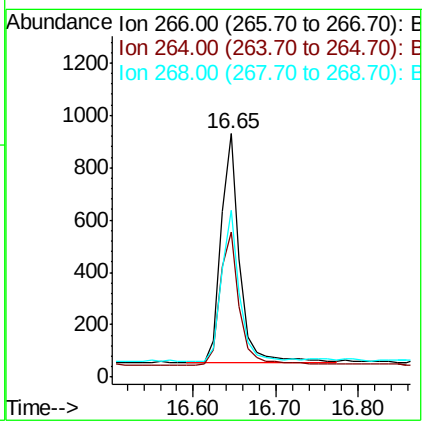


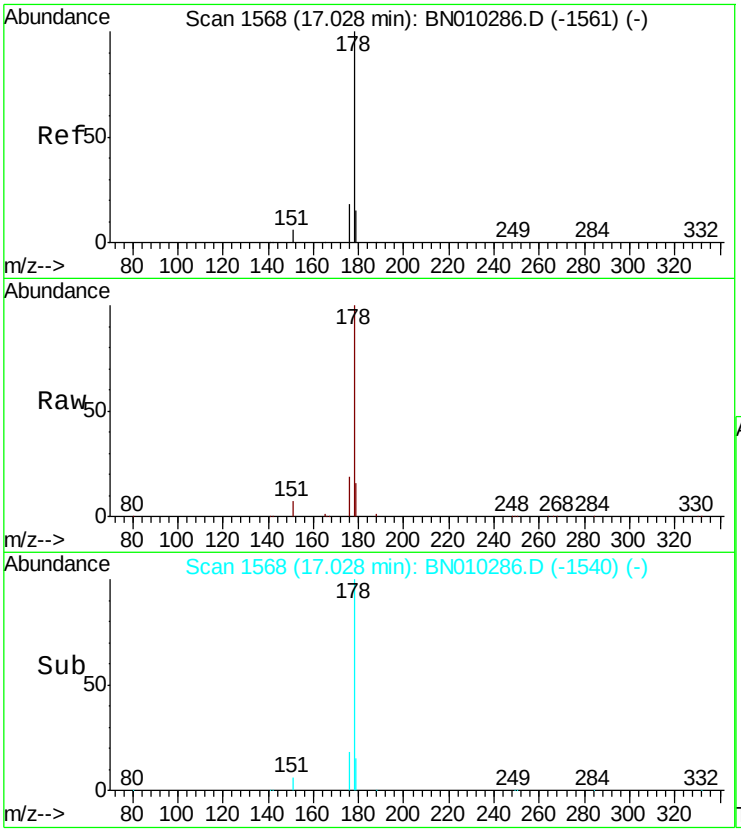


#22
Pentachlorophenol
Concen: 0.423 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:266 Resp: 1416

Ion	Ratio	Lower	Upper
266	100		
264	59.6	47.7	71.5
268	68.6	54.9	82.3



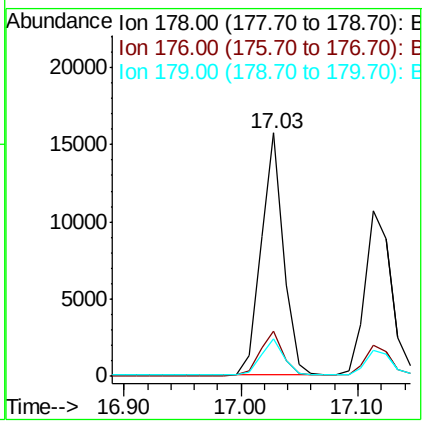


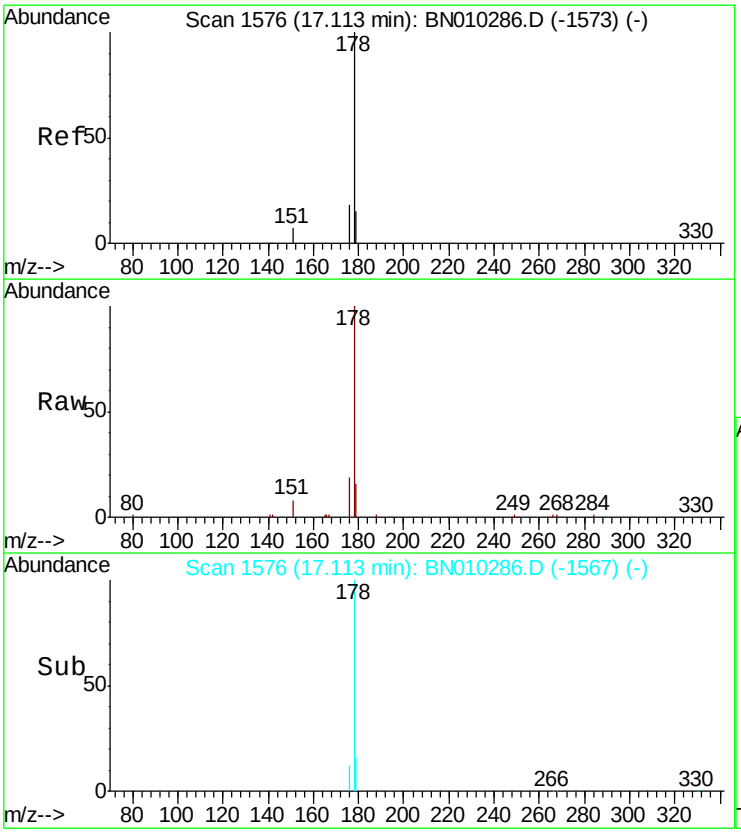
#23
Phenanthrene
Concen: 0.408 ng
RT: 17.03 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 20943

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.4	18.6

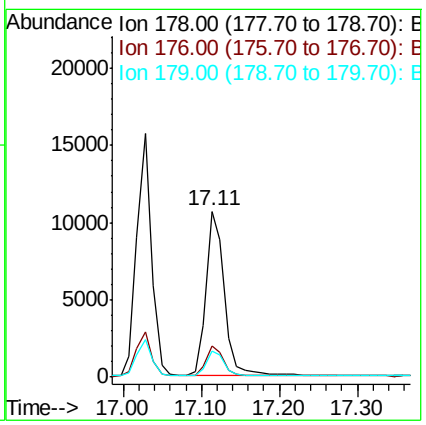


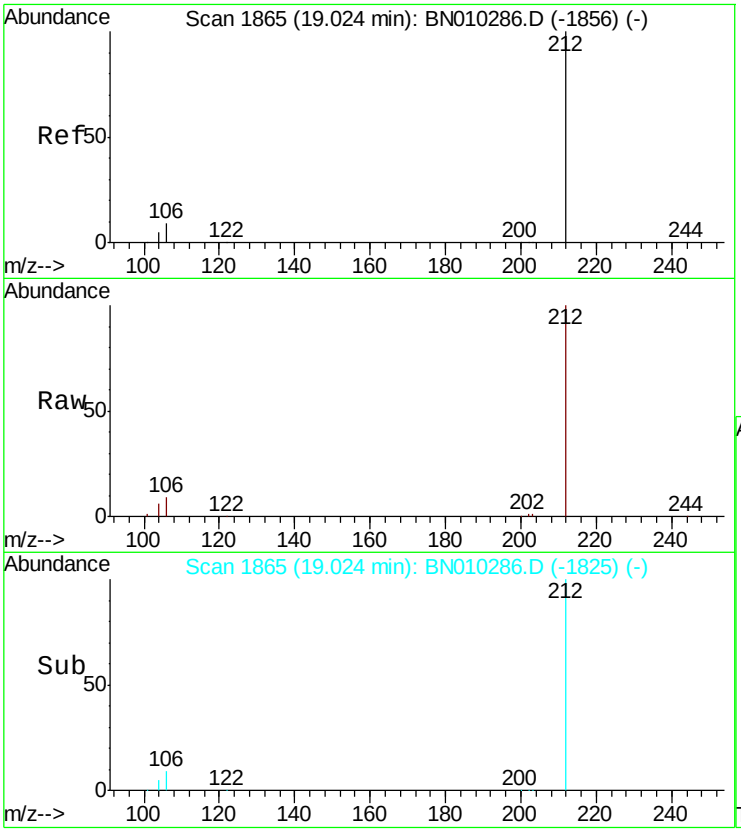


#24
Anthracene
Concen: 0.334 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:178 Resp: 17060

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.4	12.3	18.5



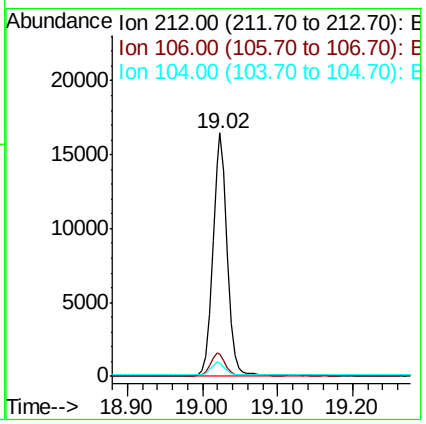


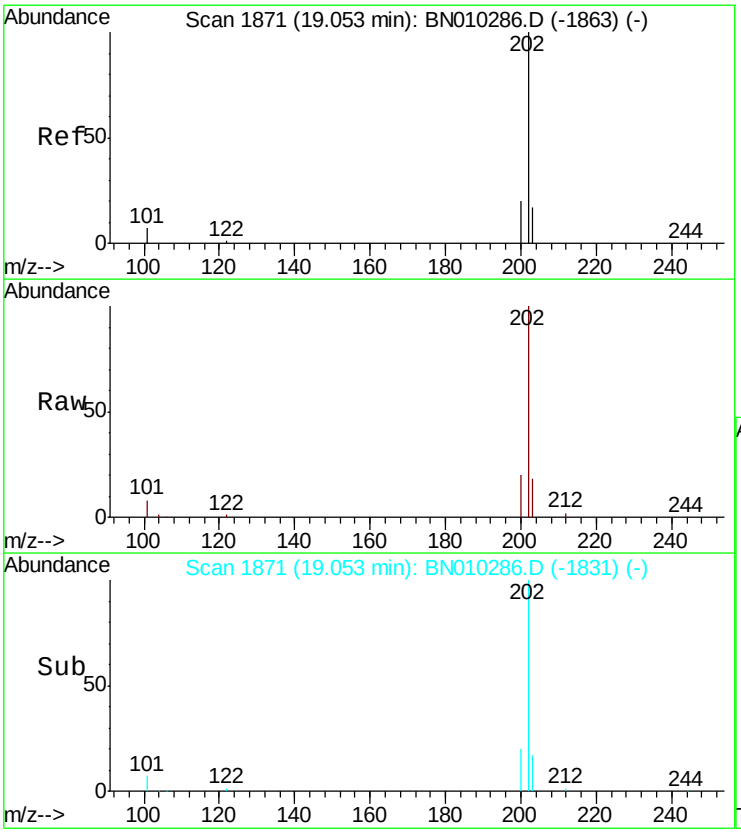
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.02 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 22251

Ion	Ratio	Lower	Upper
212	100		
106	9.3	7.4	11.2
104	5.3	4.2	6.4

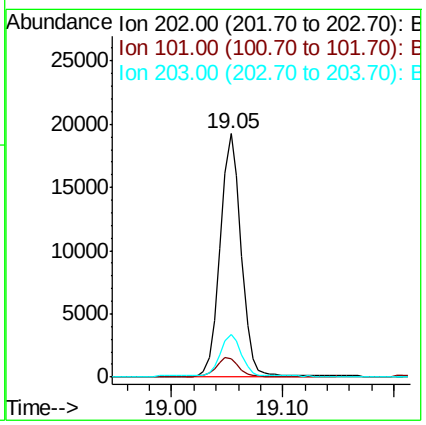


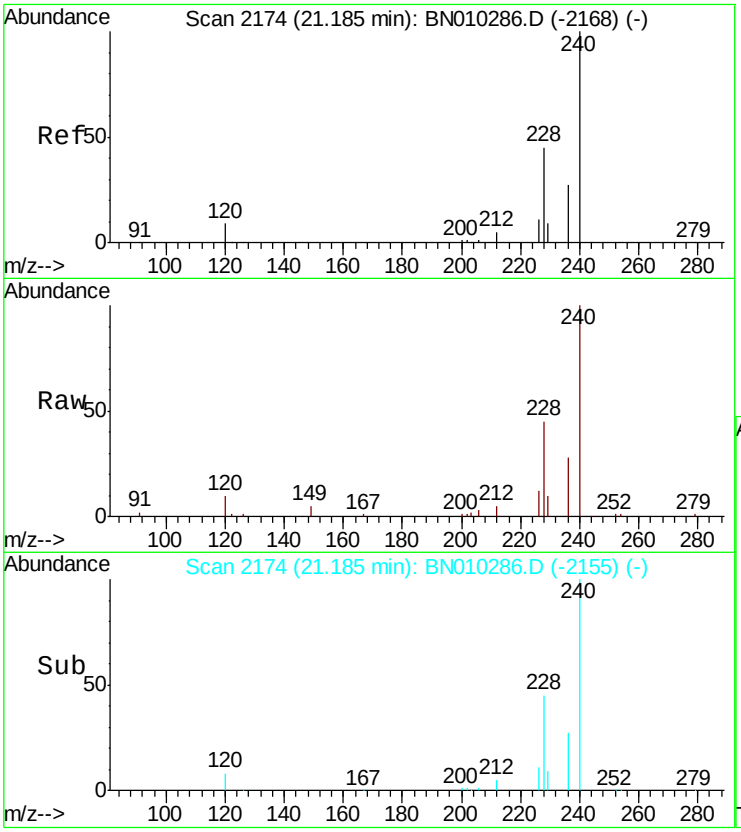


#26
Fluoranthene
Concen: 0.385 ng
RT: 19.05 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:202 Resp: 25048

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	9.8
203	17.3	13.8	20.8



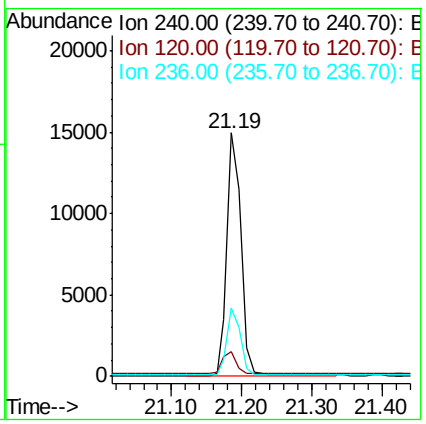


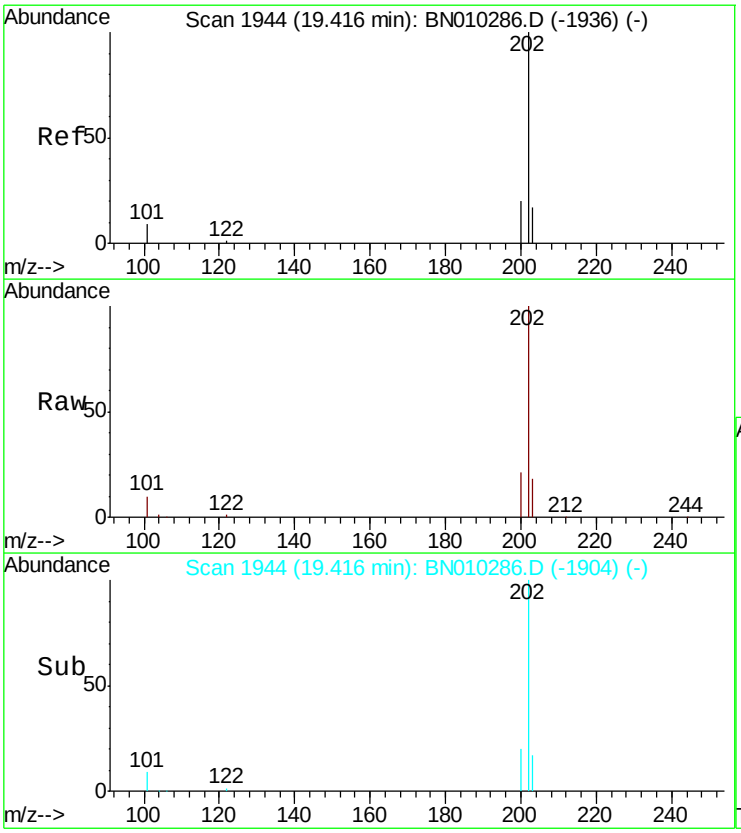
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 20525

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.9	11.9
236	27.8	22.2	33.4

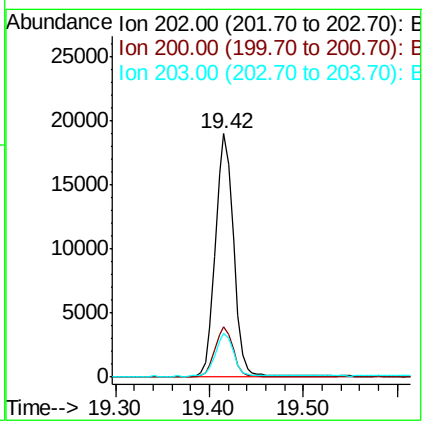


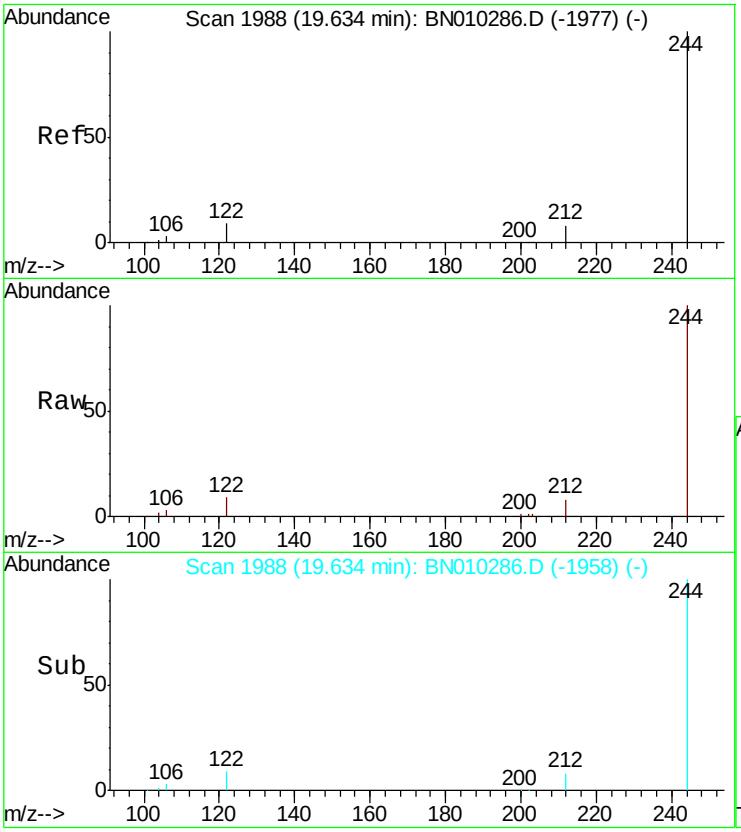


#28
Pyrene
Concen: 0.369 ng
RT: 19.42 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:202 Resp: 25287

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.7	14.2	21.2



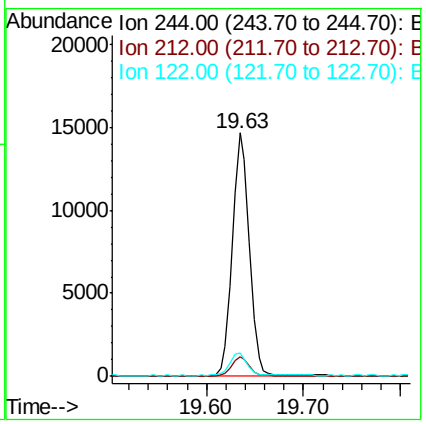


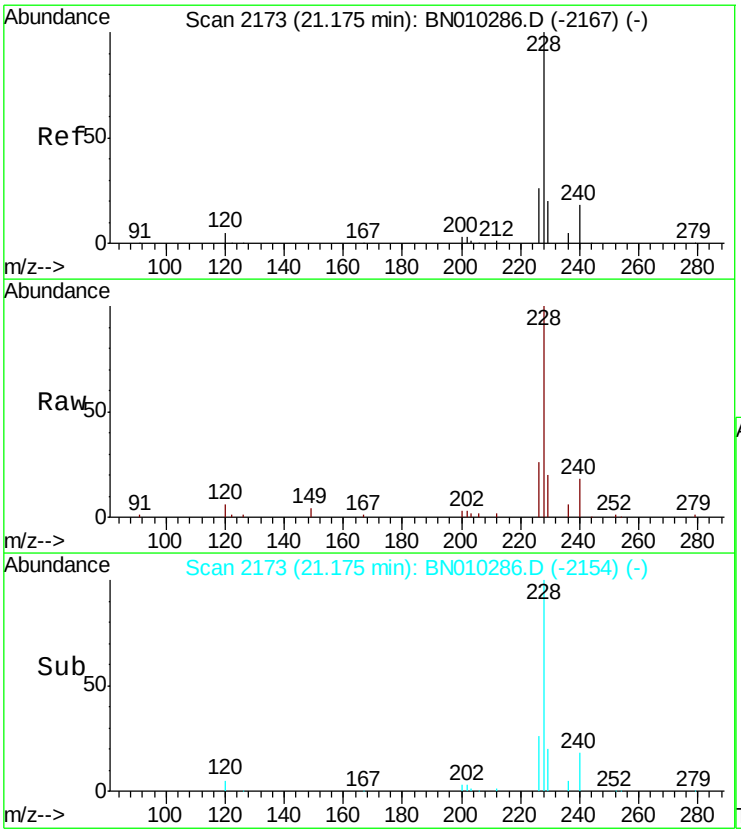
#29
Terphenyl-d14
Concen: 0.379 ng
RT: 19.63 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 17720

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	9.5	7.6	11.4

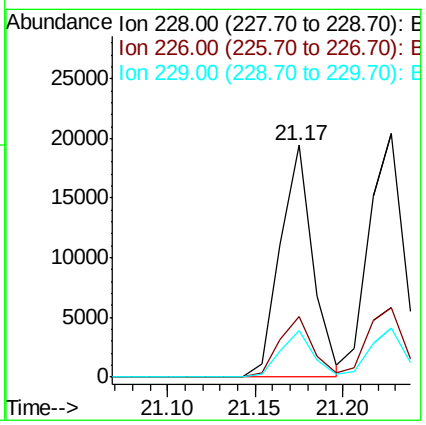


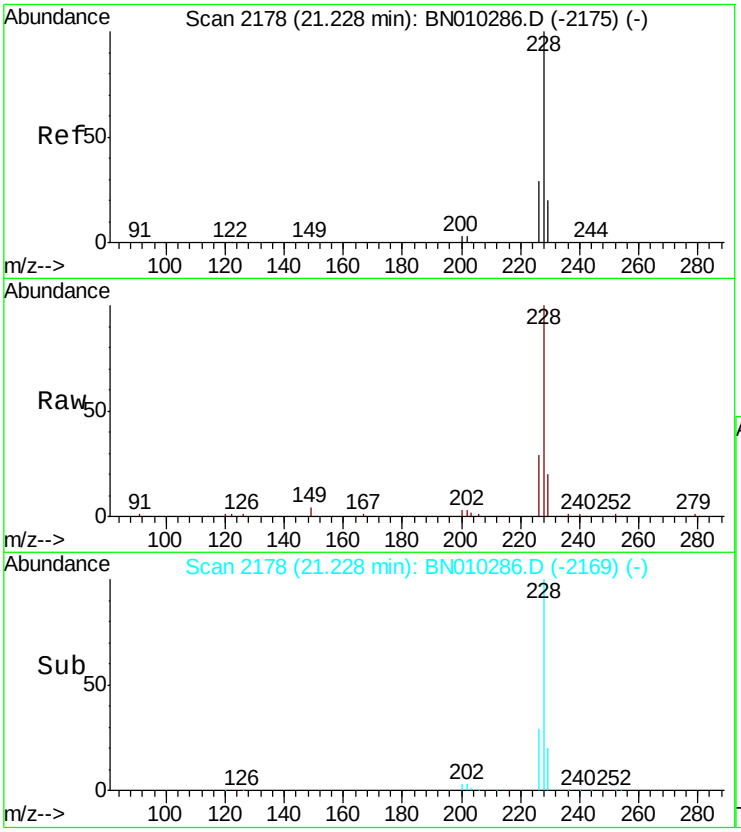


#30
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:228 Resp: 24994

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.4
229	20.0	16.0	24.0



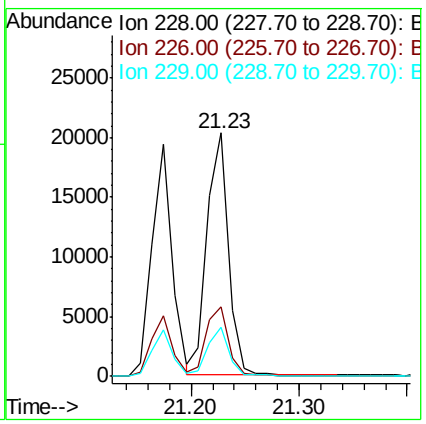


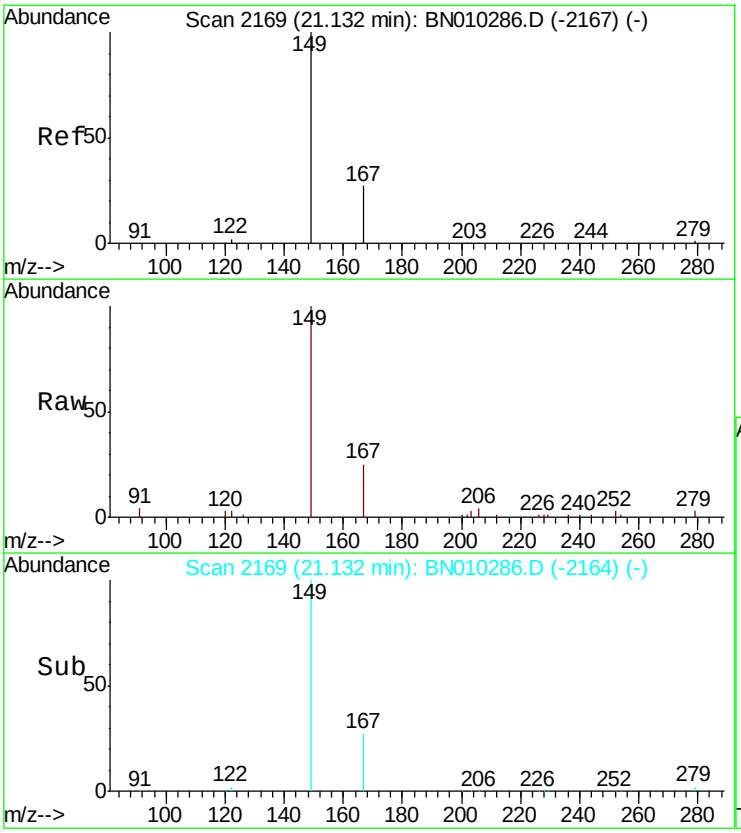
#31
Chrysene
Concen: 0.410 ng
RT: 21.23 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 28147

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	20.0	16.0	24.0

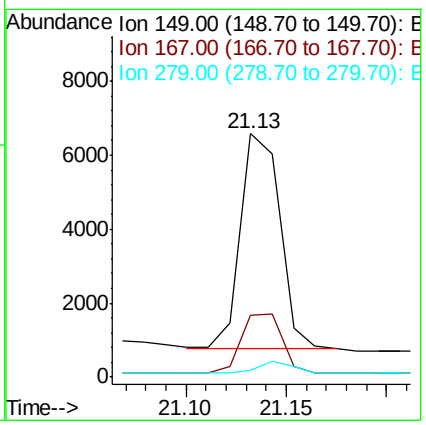


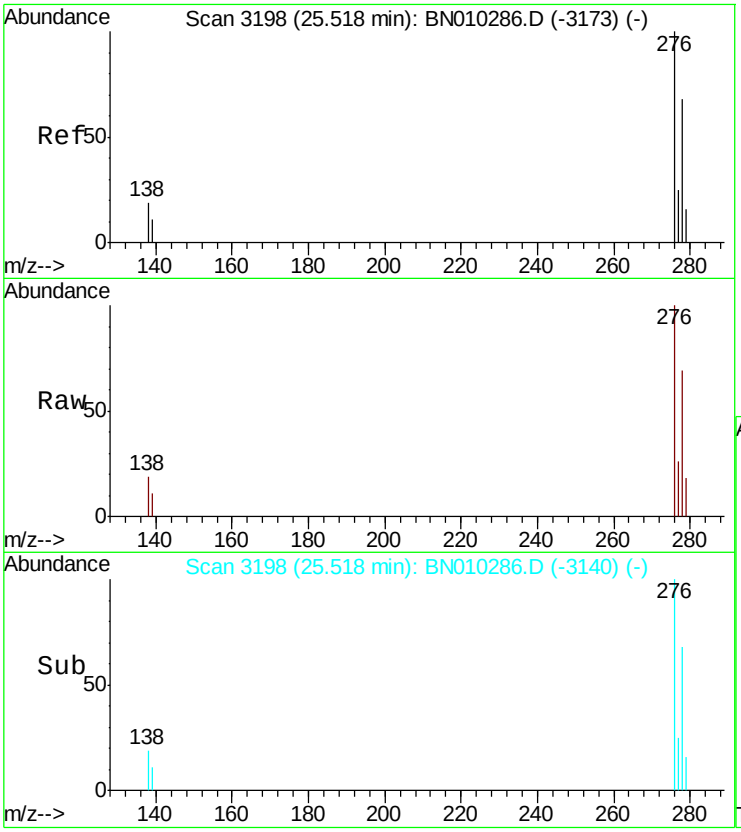


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.265 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:149 Resp: 7884

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.0	34.6
279	4.8	3.8	5.8



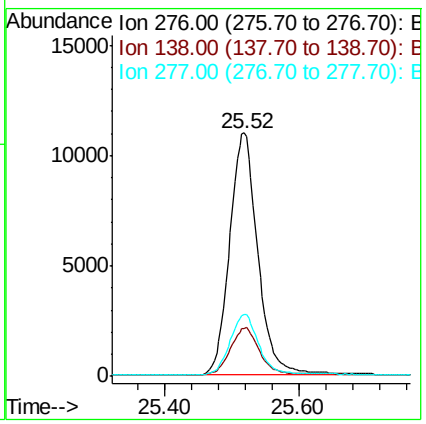


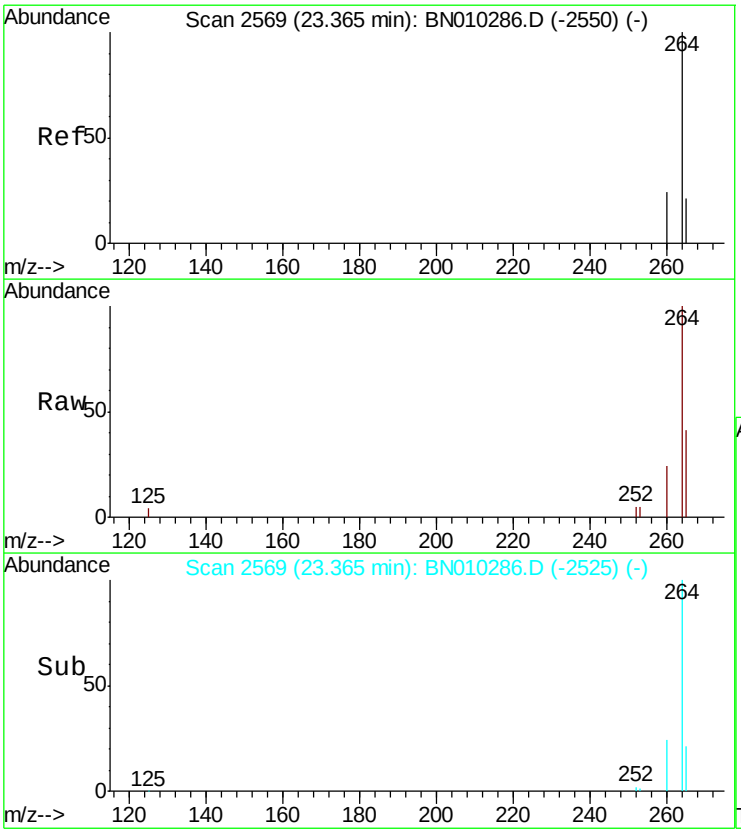
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 25.52 min Scan# 3198
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 32291

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.6	23.4
277	25.1	20.1	30.1

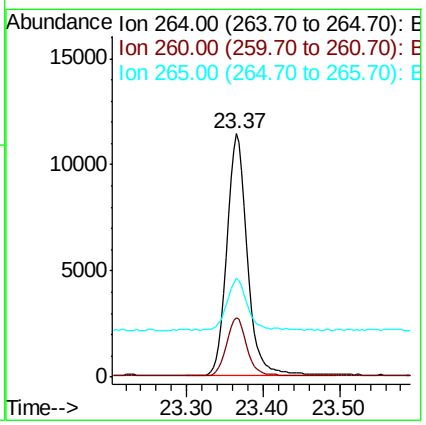


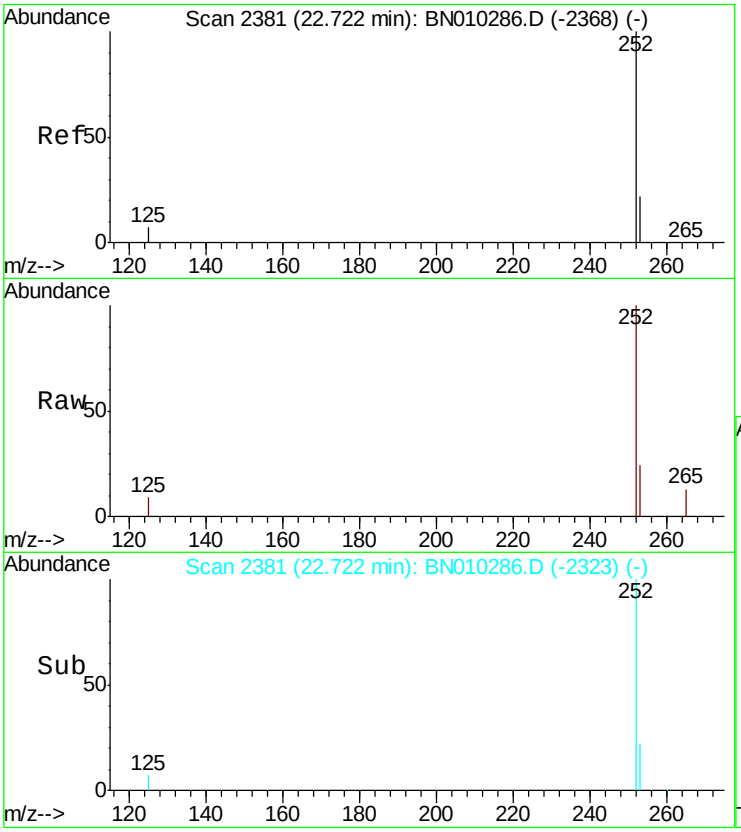


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:264 Resp: 21485

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	40.5	32.4	48.6



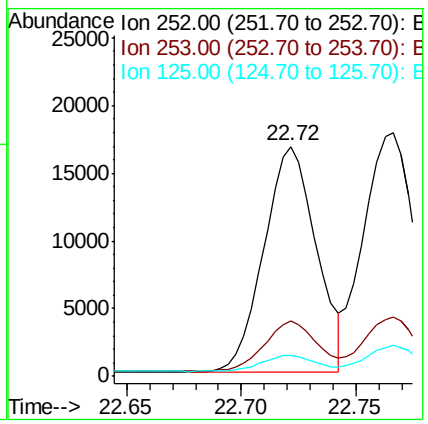


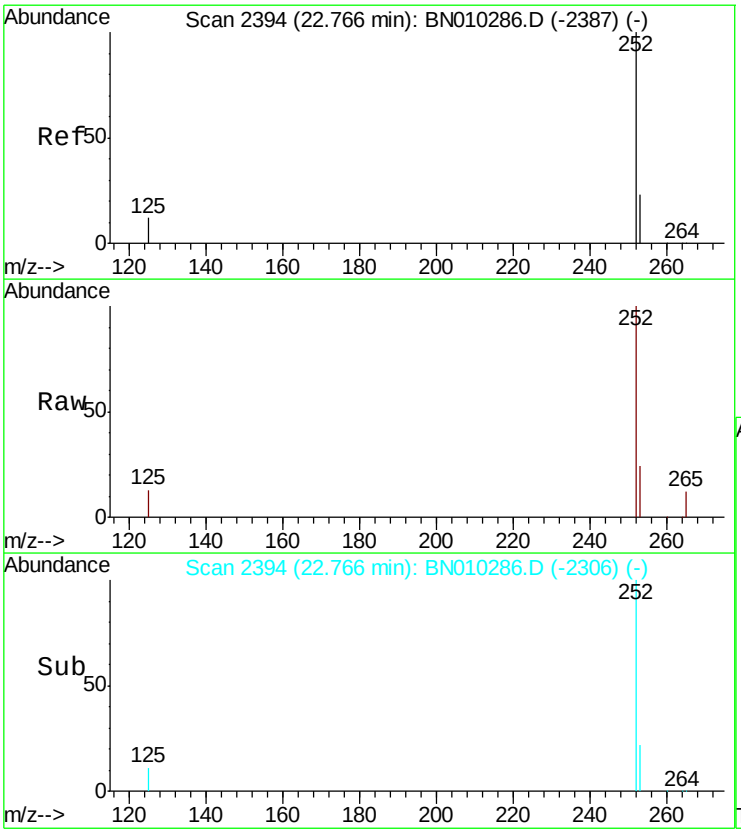
#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.72 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 26511

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	9.2	7.4	11.0

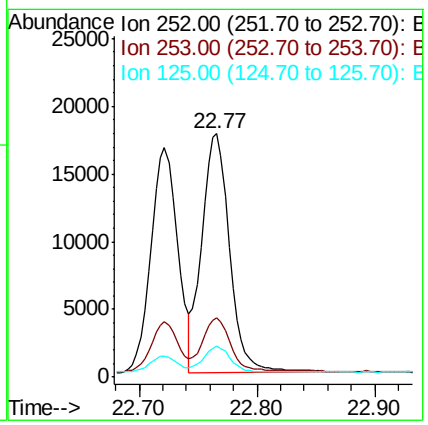


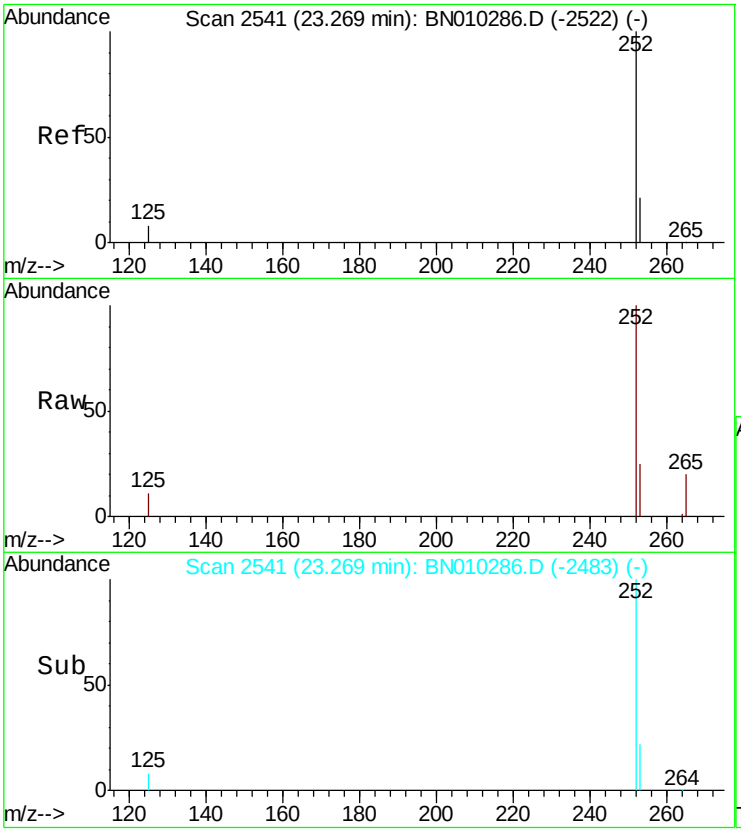


#36
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 22.77 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:252 Resp: 28941

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.4	29.0
125	12.7	10.2	15.2



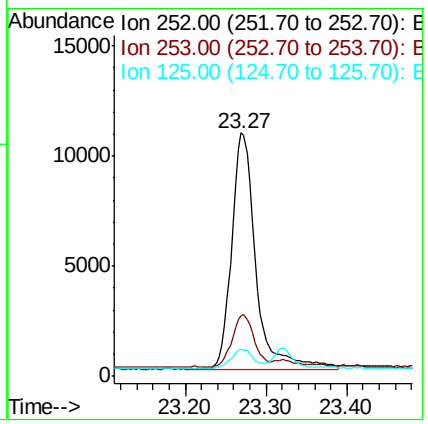


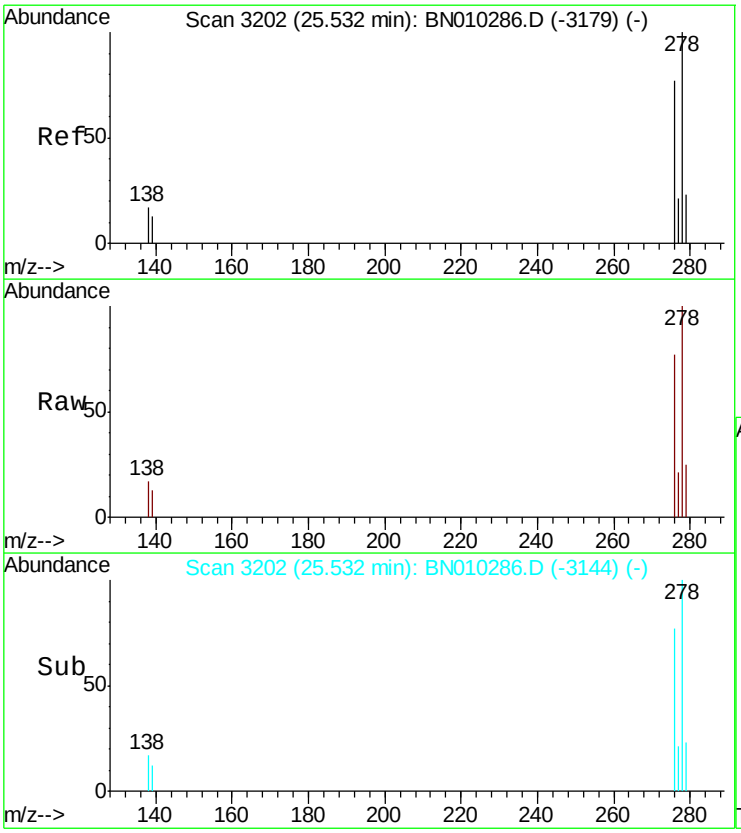
#37
Benzo(a)pyrene
Concen: 0.359 ng
RT: 23.27 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 22381

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.9	29.9
125	11.1	8.9	13.3

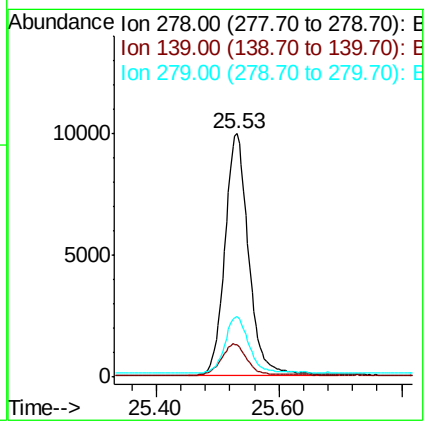


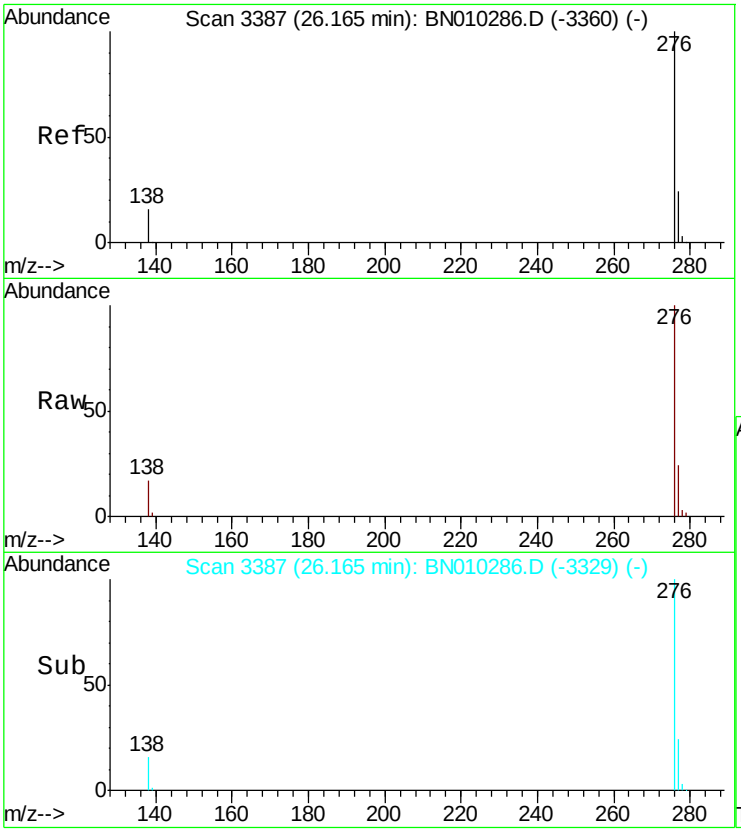


#38
Dibenzo(a,h)anthracene
Concen: 0.428 ng
RT: 25.53 min Scan# 3202
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Tgt Ion:278 Resp: 26772

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.6	16.0
279	24.7	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.406 ng
RT: 26.16 min Scan# 3387
Delta R.T. 0.00 min
Lab File: BN010286.D
Acq: 19 Mar 2020 12:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 25361

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	16.6	13.3	19.9