Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010305.D
Acq On : 20 Mar 2020 10:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 20 11:52:55 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 15:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	5626	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	19696	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	11633	0.40	ng		0.00
19) Phenanthrene-d10	16.98	188	27402	0.40	ng		0.00
27) Chrysene-d12	21.19	240	29936	0.40	ng		0.00
34) Perylene-d12	23.36	264	28247	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	4290	0.39	ng		0.00
5) Phenol-d6	6.80	99	5347	0.39	ng		0.00
8) Nitrobenzene-d5	8.75	82	4796	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	12260	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.74	330	1558	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	17906	0.40	ng		0.00
25) Fluoranthene-d10	19.02	212	32083	0.39	ng		0.00
29) Terphenyl-d14	19.63	244	25313	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	2082	0.394	ng		97
3) n-Nitrosodimethylamine	3.56	42	1555	0.348	ng		98
6) bis(2-Chloroethyl)ether	7.06	93	5490	0.413	ng		100
9) Naphthalene	10.43	128	19375	0.394	ng		100
10) Hexachlorobutadiene	10.73	225	4670	0.392	ng	#	99
12) 2-Methylnaphthalene	12.05	142	13283	0.390	ng		99
16) Acenaphthylene	13.95	152	17373	0.381	ng		100
17) Acenaphthene	14.30	154	12683	0.390	ng		99
18) Fluorene	15.29	166	16963	0.393	ng		99
20) 4-Bromophenyl-phenylether	16.18	248	6538	0.393	ng		95
21) Hexachlorobenzene	16.30	284	6868	0.402	ng		99
22) Pentachlorophenol	16.64	266	1948	0.333	ng		96
23) Phenanthrene	17.02	178	29779	0.395	ng		100
24) Anthracene	17.12	178	24089	0.374	ng		100
26) Fluoranthene	19.05	202	36282	0.393	ng		100
28) Pyrene	19.41	202	35969	0.386	ng		100
30) Benzo(a)anthracene	21.17	228	36708	0.385	ng		98
31) Chrysene	21.22	228	40803	0.399	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	10153	0.316	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	40713	0.372	ng		99
35) Benzo(b)fluoranthene	22.72	252	37473	0.390	ng		98
36) Benzo(k)fluoranthene	22.76	252	38639	0.396	ng	#	95
37) Benzo(a)pyrene	23.27	252	31519	0.389	ng		98
38) Dibenzo(a,h)anthracene	25.52	278	33555	0.383	ng		98
39) Benzo(g,h,i)perylene	26.16	276	34538	0.392	ng		99

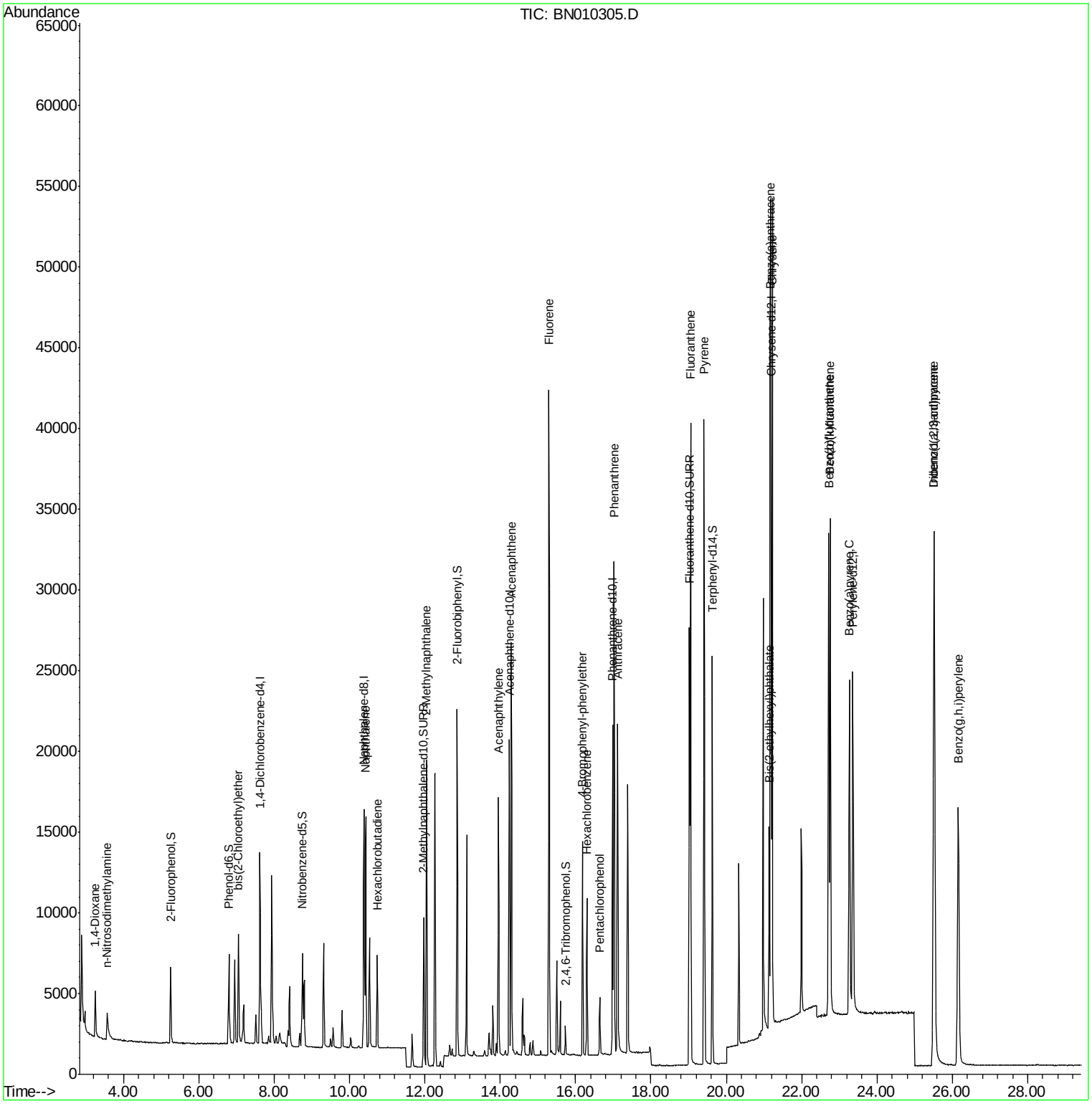
(#) = qualifier out of range (m) = manual integration (+) = signals summed

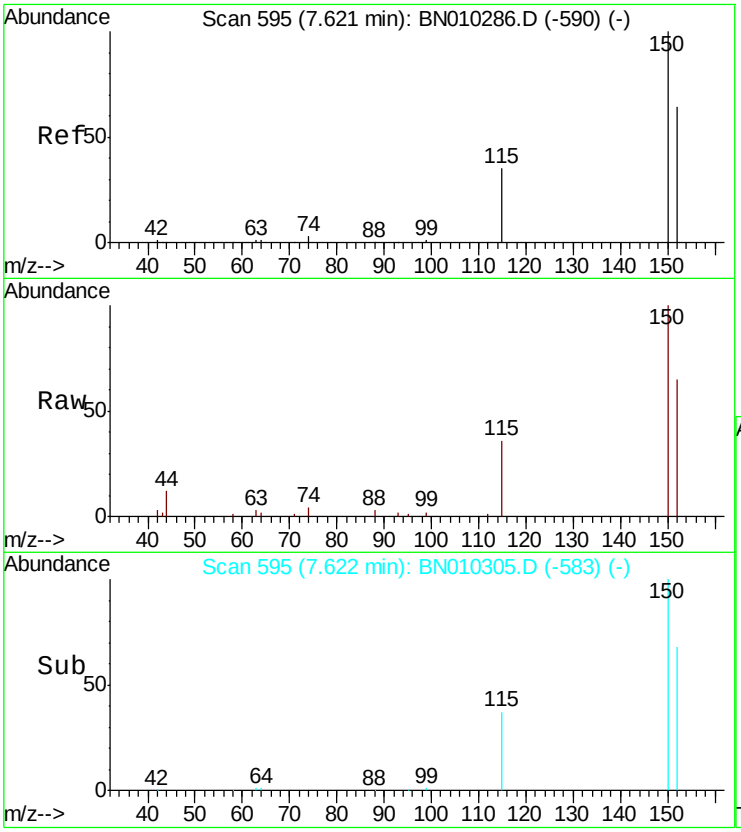
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010305.D
Acq On : 20 Mar 2020 10:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 20 11:52:55 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 15:26:45 2020
Response via : Initial Calibration



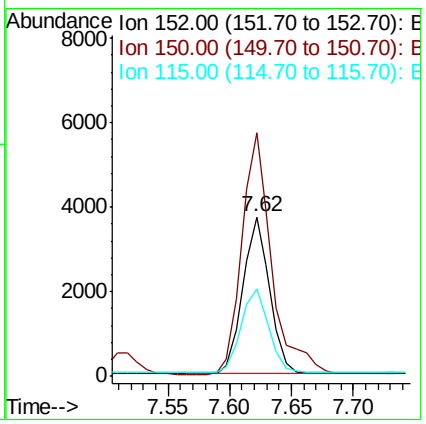


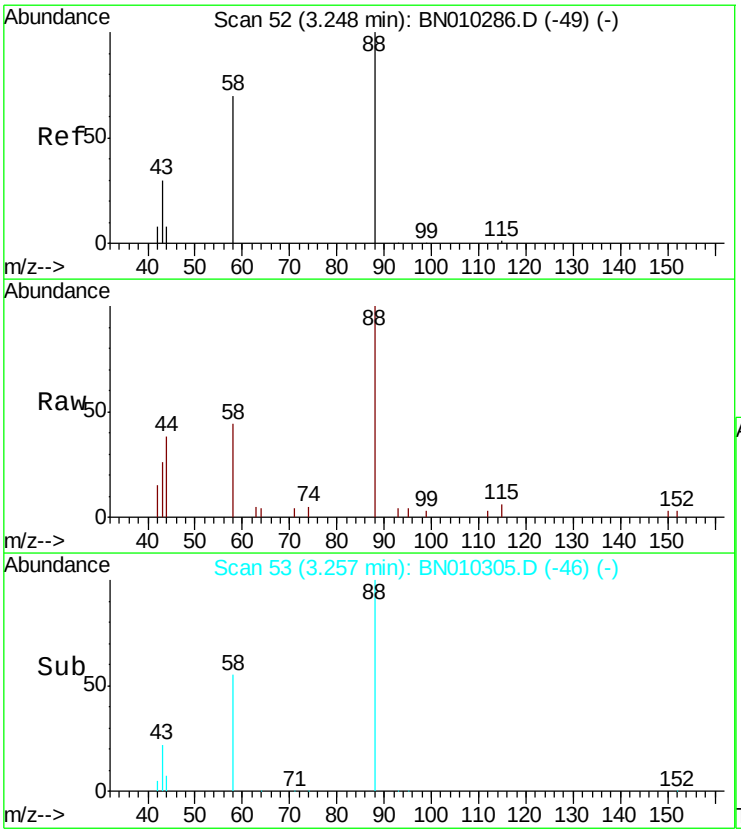
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5626

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.1	184.7
115	55.3	45.2	67.8

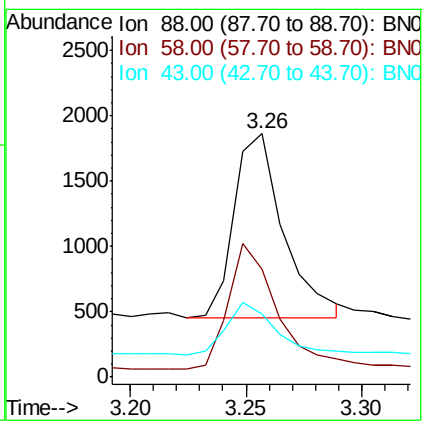


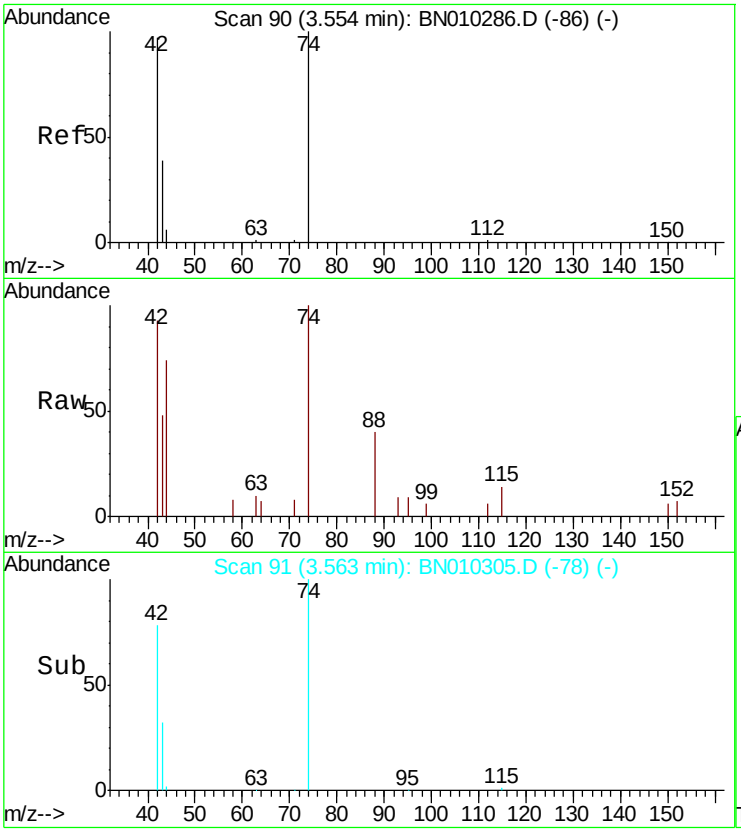


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.26 min Scan# 53
Delta R.T. 0.01 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion: 88 Resp: 2082

Ion	Ratio	Lower	Upper
88	100		
58	66.5	51.7	77.5
43	29.3	21.2	31.8

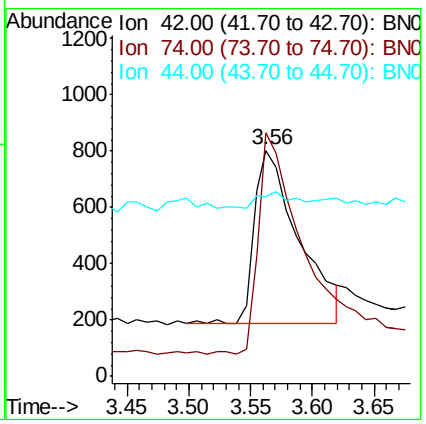




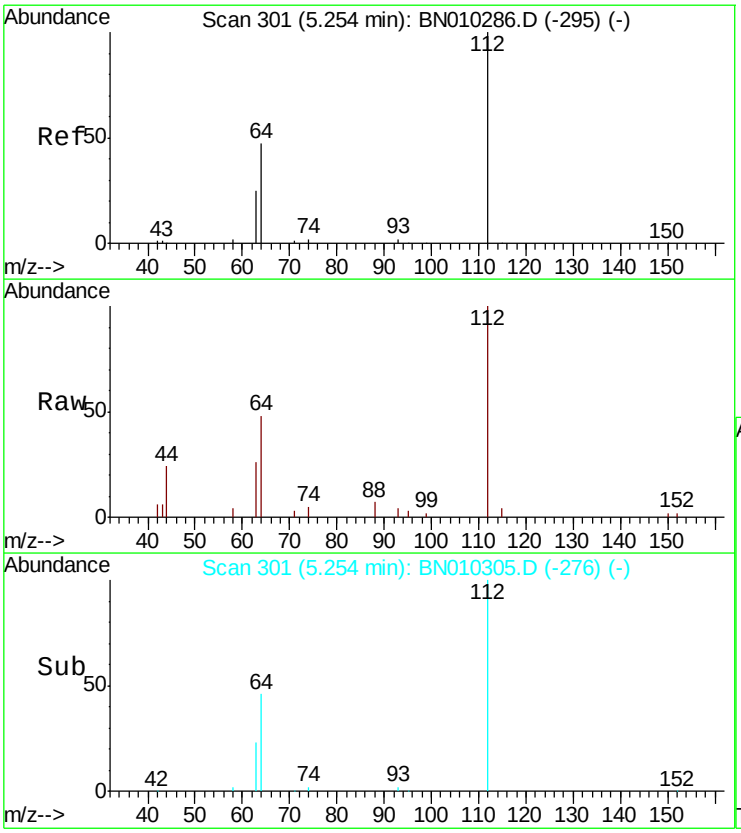
#3
n-Nitrosodimethylamine
Concen: 0.348 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.01 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion: 42 Resp: 1555

Ion	Ratio	Lower	Upper
42	100		
74	122.4	99.4	149.0
44	6.4	4.8	7.2



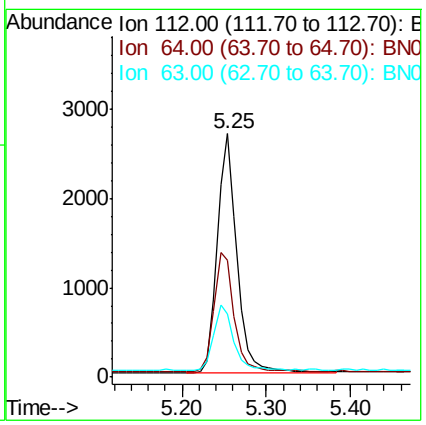
Instrument :
BNA_N
ClientSampleId :

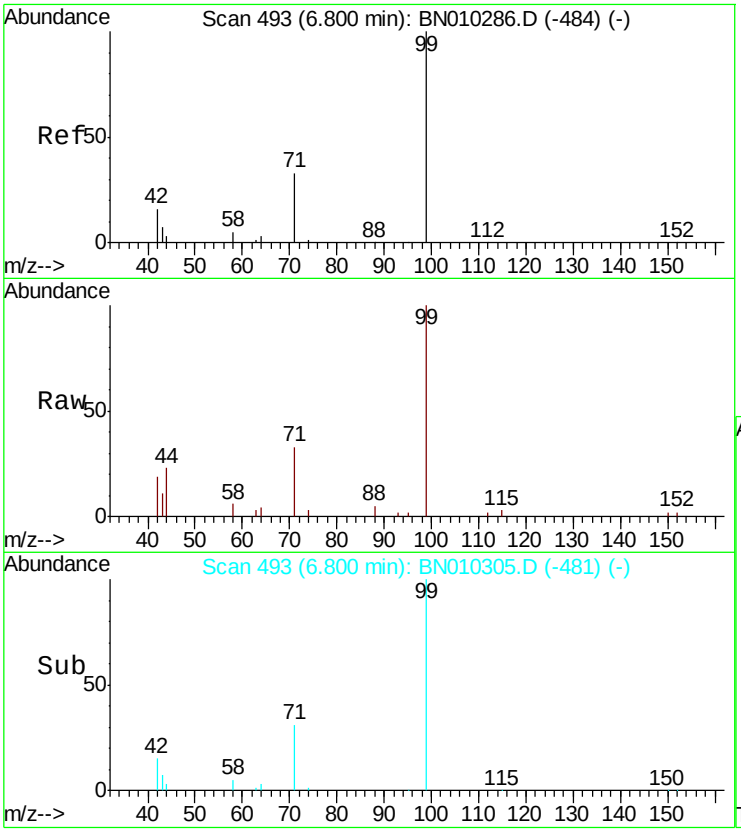


#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:112 Resp: 4290

Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.4	62.2
63	27.6	22.9	34.3



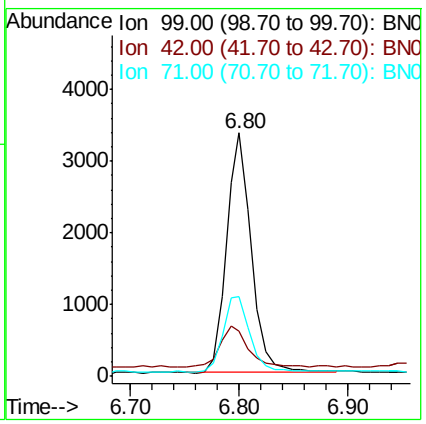


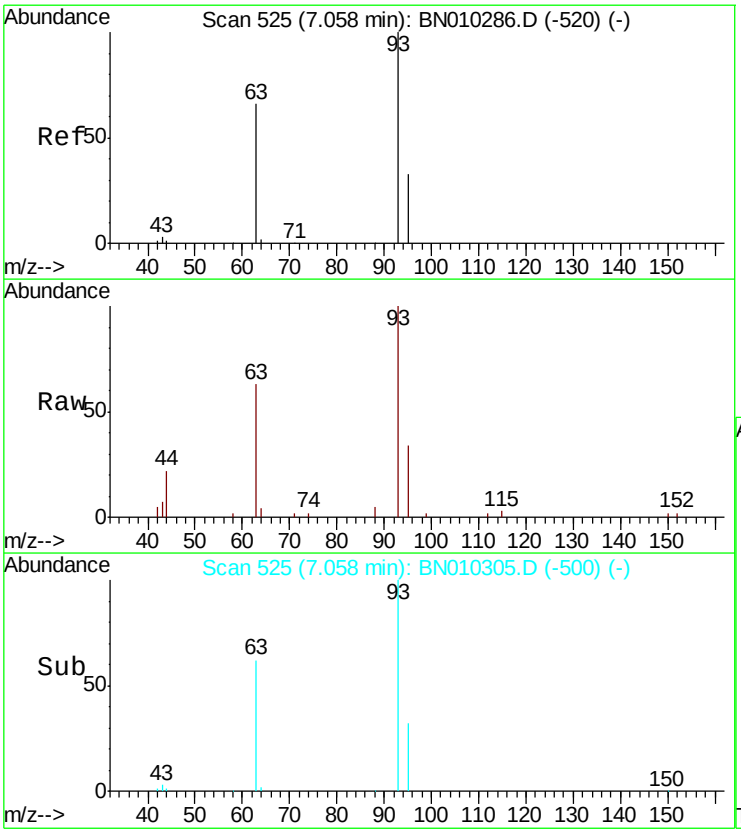
#5
Phenol-d6
Concen: 0.386 ng
RT: 6.80 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5347

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.8	22.2
71	34.3	27.3	40.9

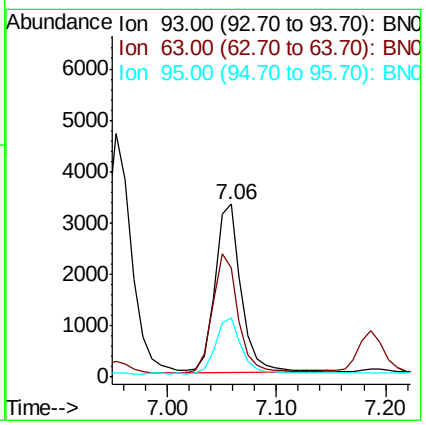


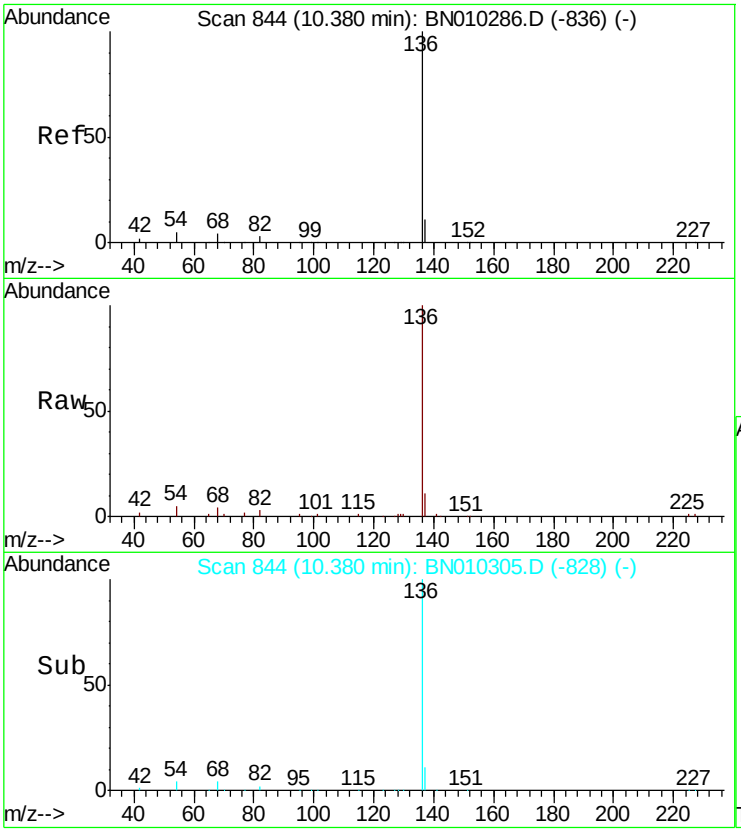


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 7.06 min Scan# 525
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion: 93 Resp: 5490

Ion	Ratio	Lower	Upper
93	100		
63	69.2	55.6	83.4
95	33.2	26.2	39.4



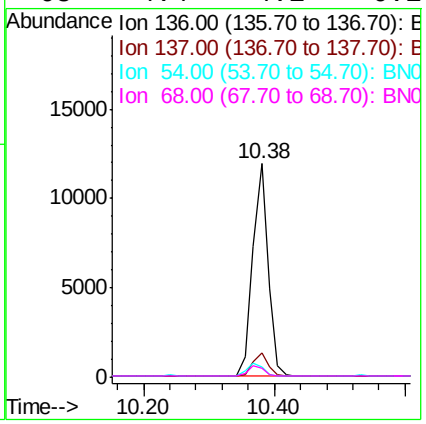


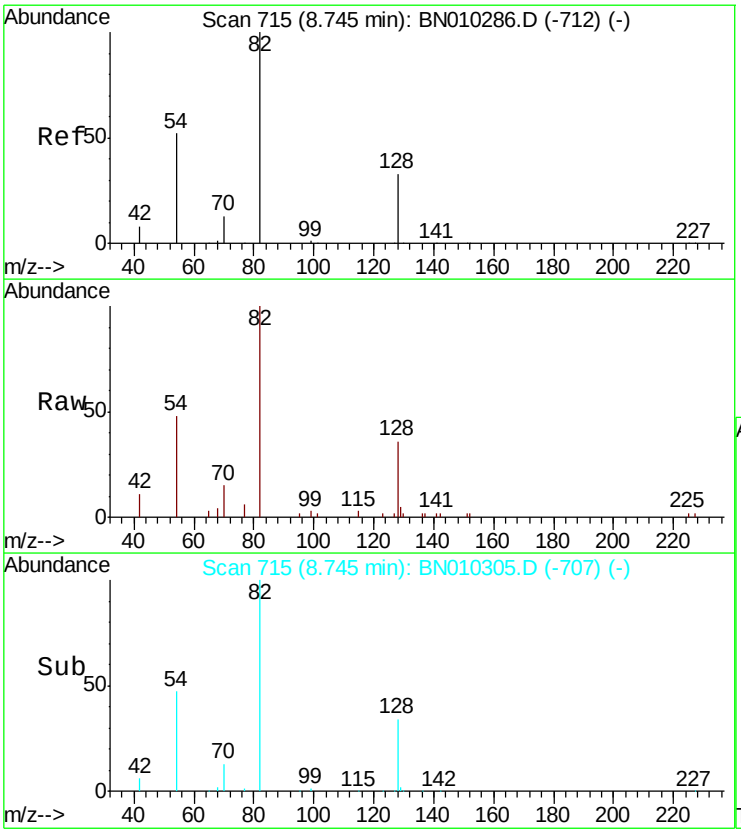
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 19696

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	4.9	4.8	7.2
68	4.4	4.1	6.1

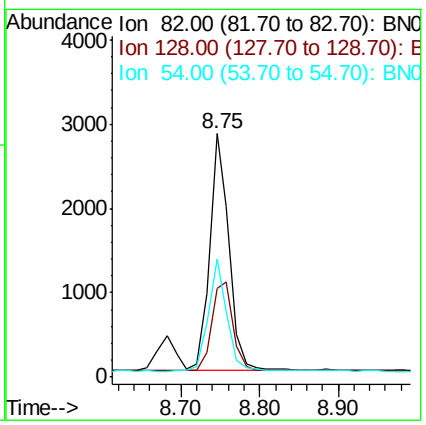


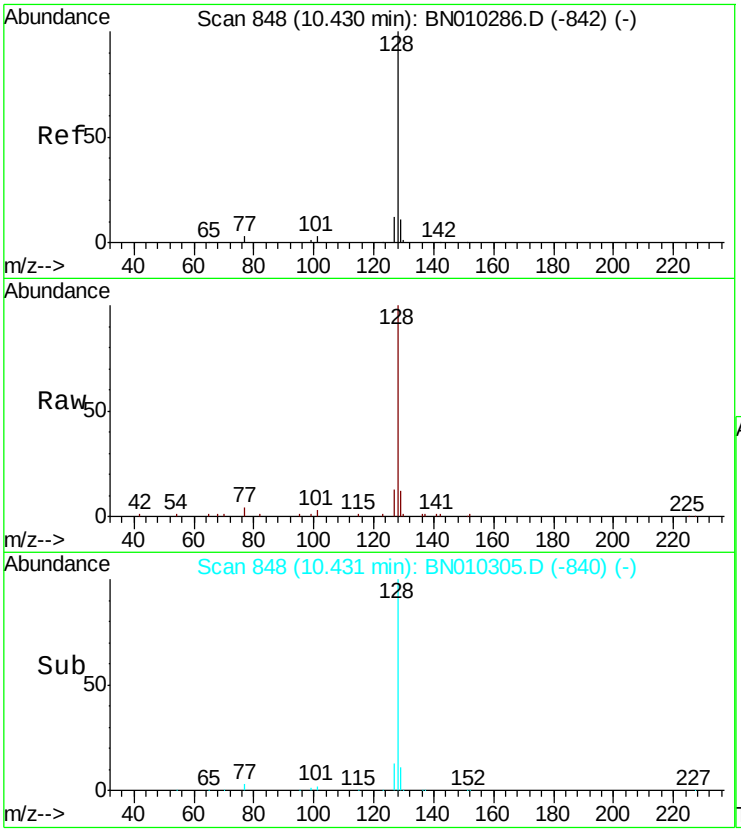


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.75 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion: 82 Resp: 4796

Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.8	43.2
54	48.4	42.1	63.1



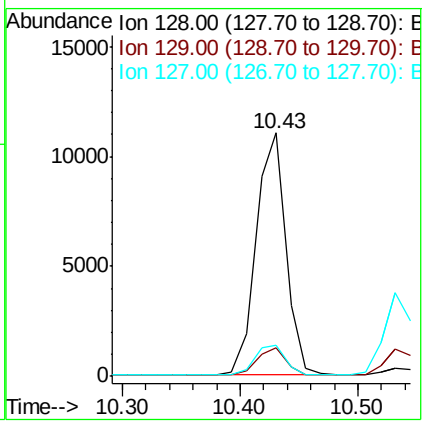


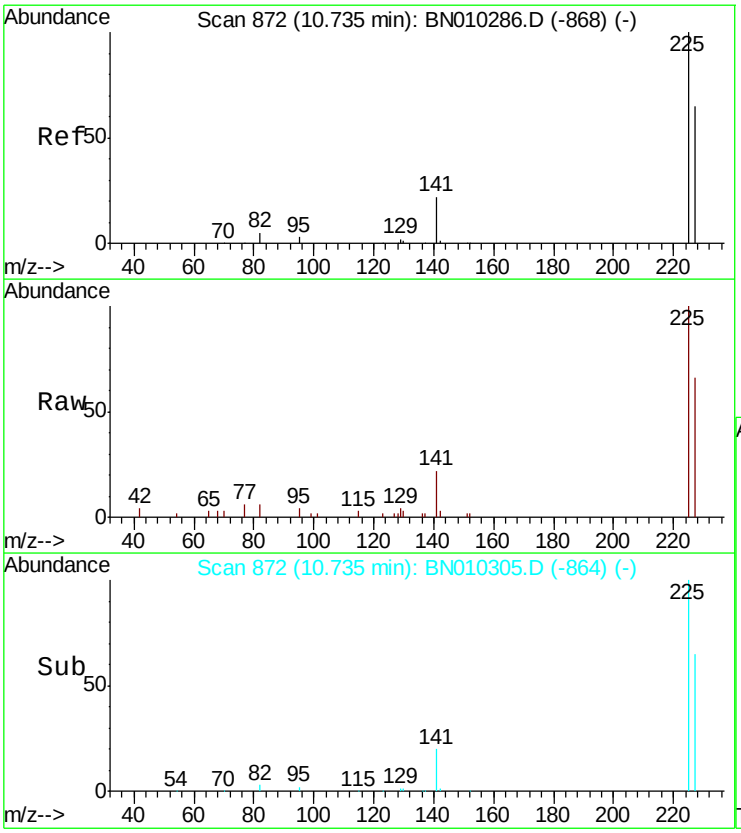
#9
Naphthalene
Concen: 0.394 ng
RT: 10.43 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 19375

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.0	10.4	15.6

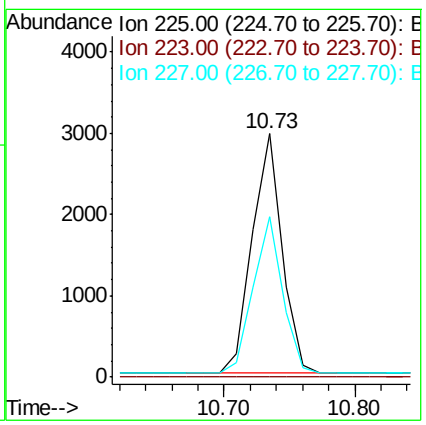


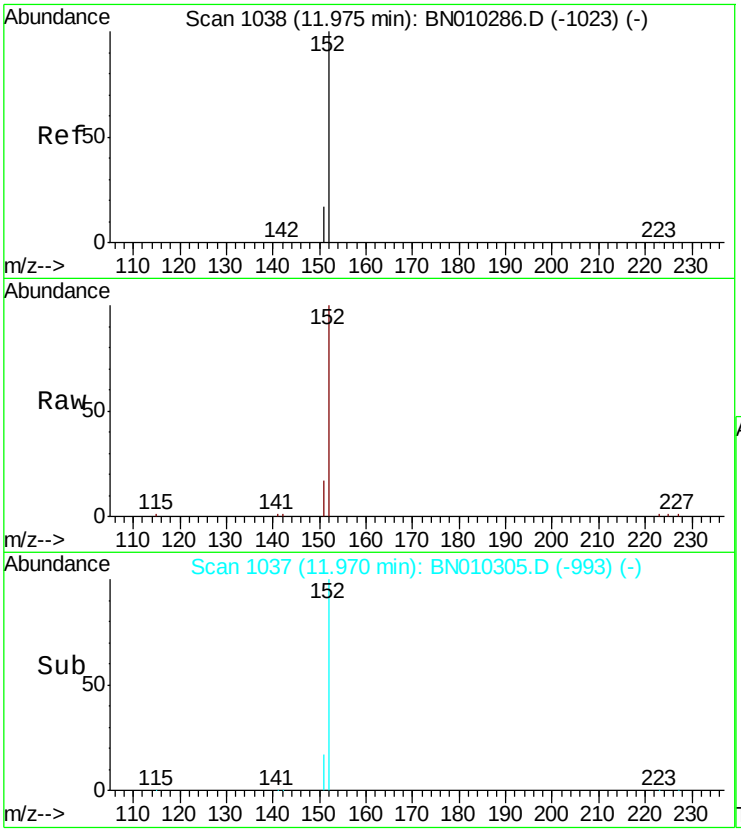


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 10.73 min Scan# 872
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:225 Resp: 4670

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.9	77.9



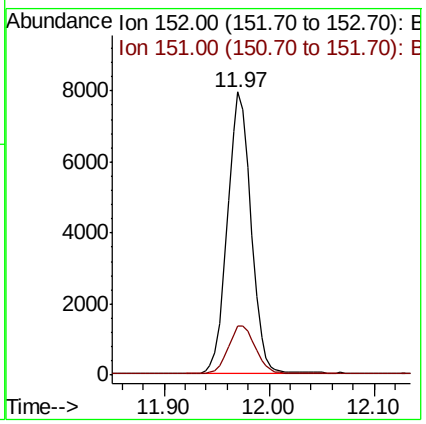


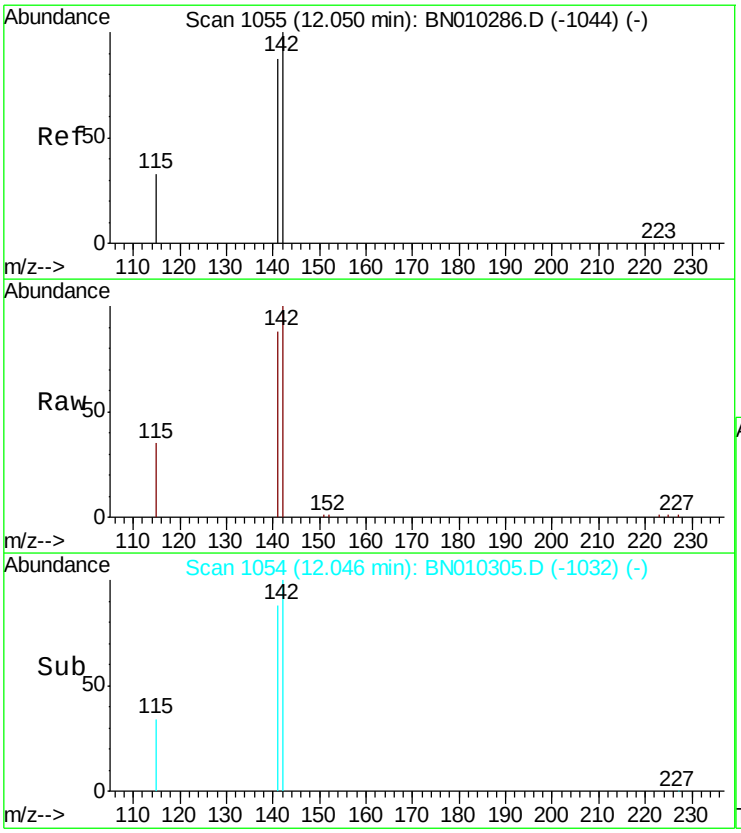
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12260

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

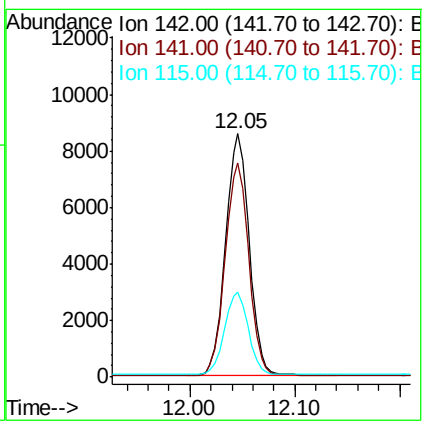


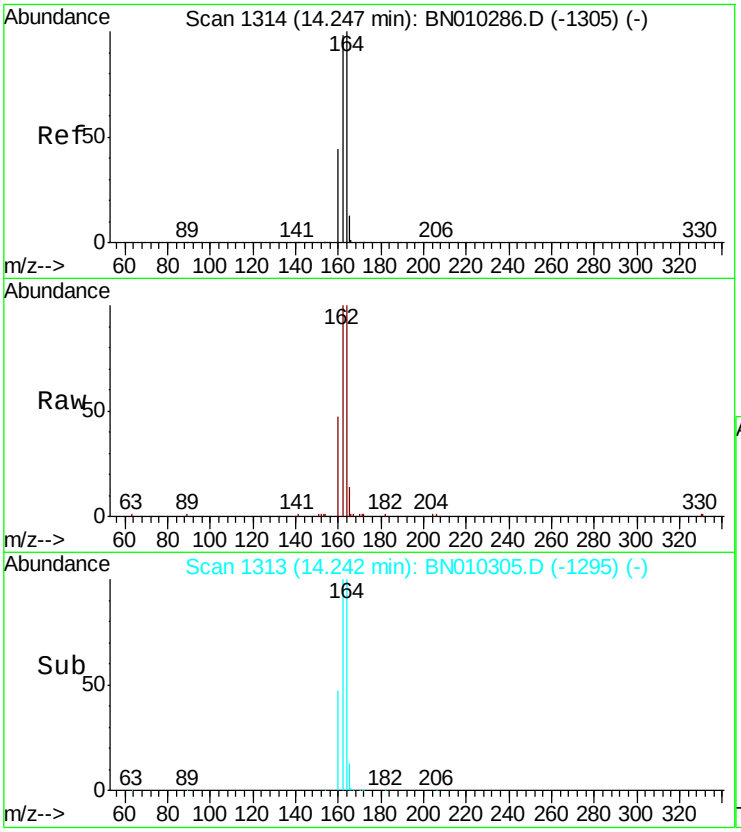


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:142 Resp: 13283

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.5	104.3
115	35.1	27.5	41.3



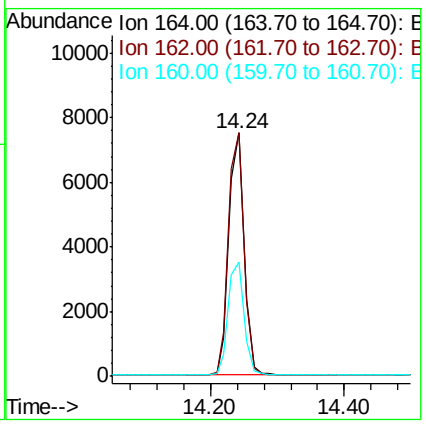


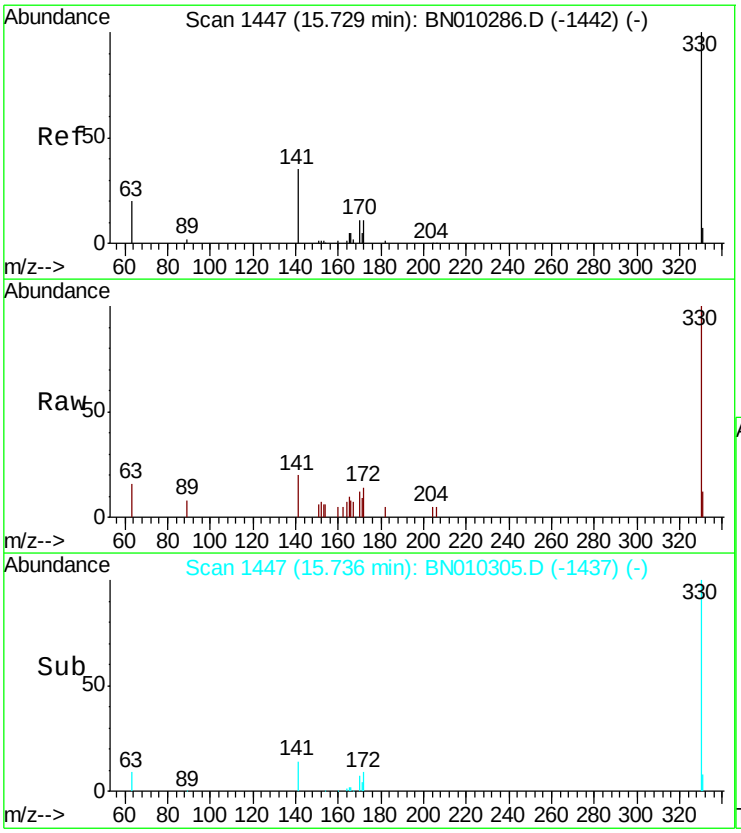
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11633

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.2	117.2
160	46.8	35.8	53.6

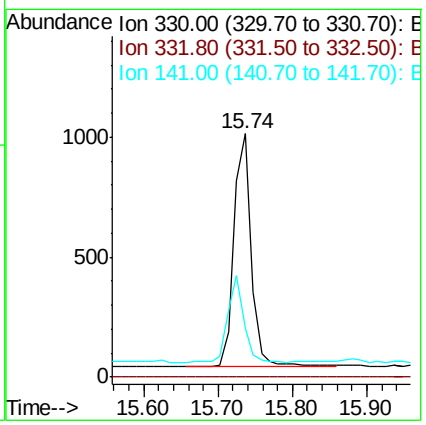


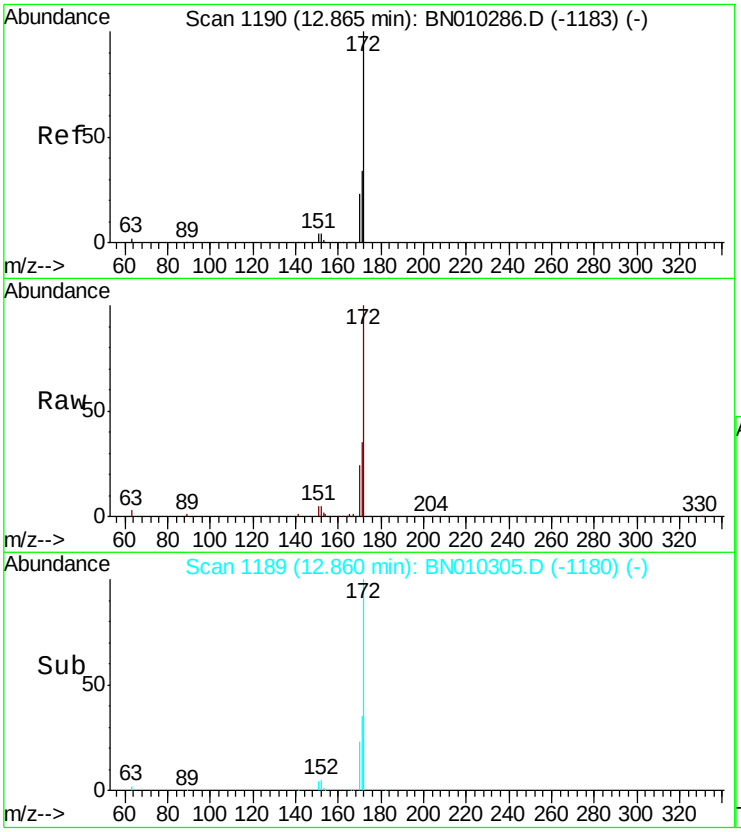


#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.74 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:330 Resp: 1558

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.4	29.3	43.9



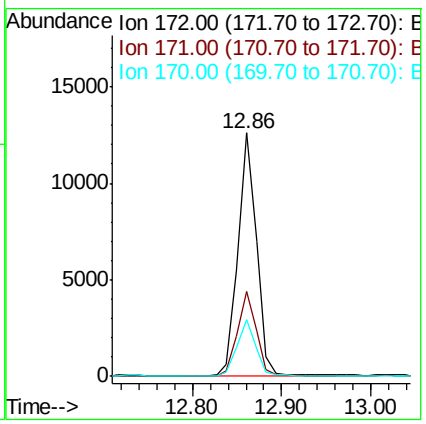


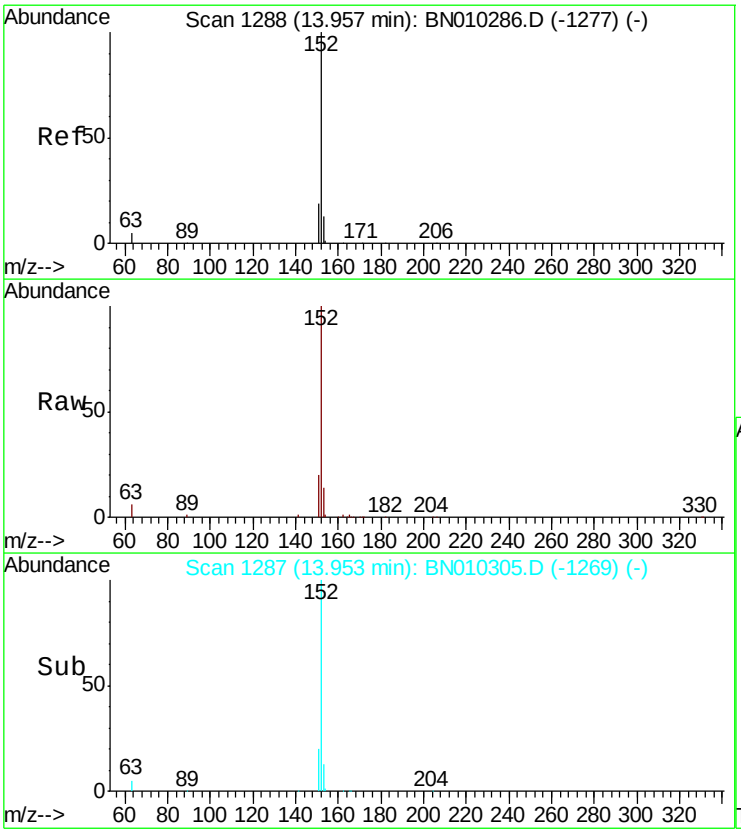
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 17906

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	23.5	18.5	27.7

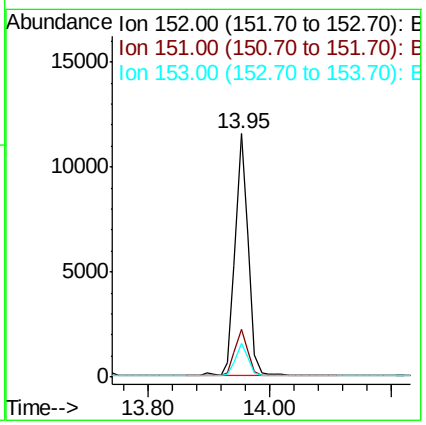


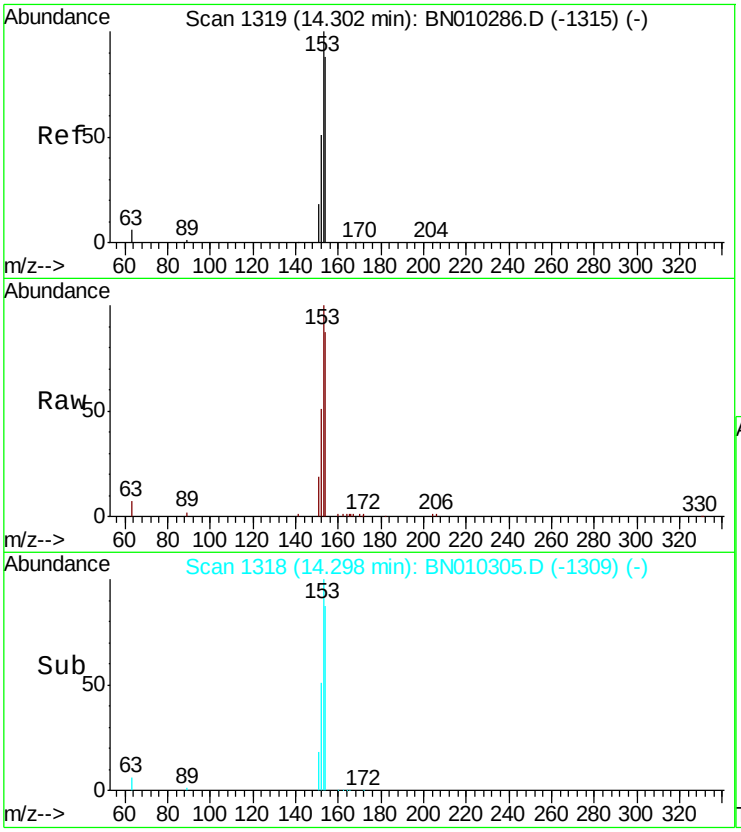


#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:152 Resp: 17373

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	13.3	10.6	15.8



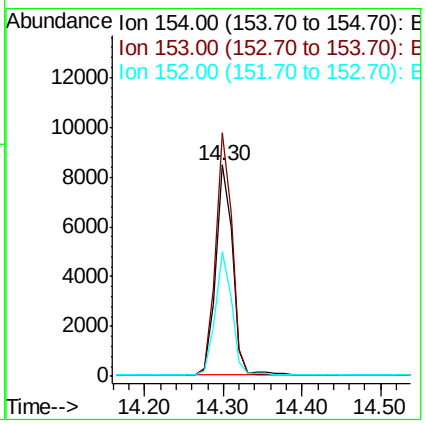


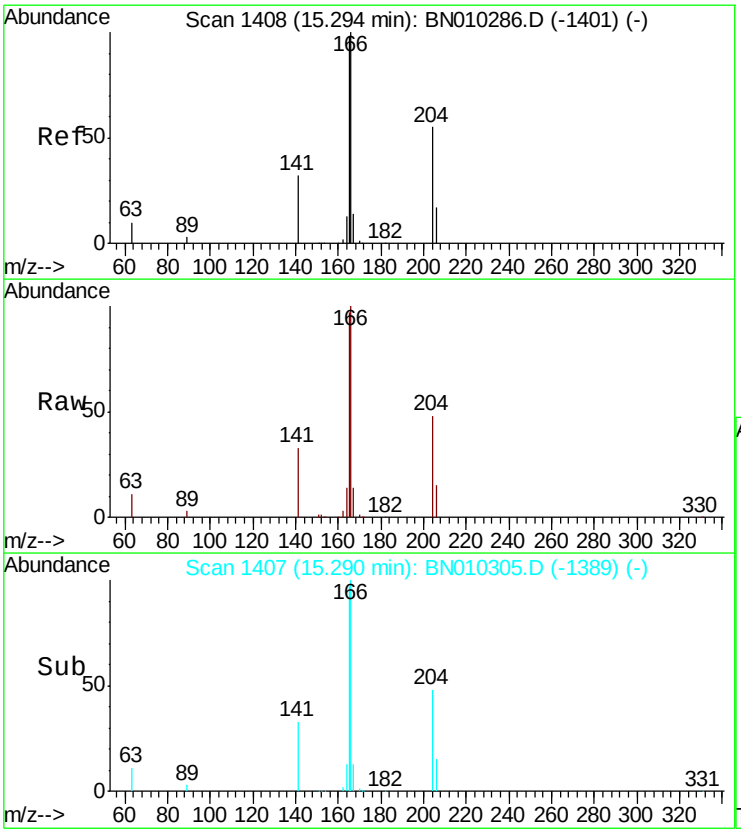
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.30 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 12683

Ion	Ratio	Lower	Upper
154	100		
153	111.3	88.1	132.1
152	56.8	45.5	68.3

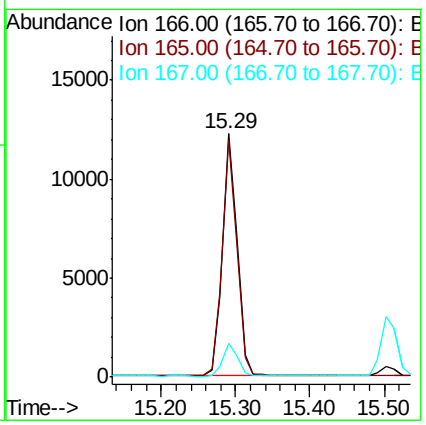


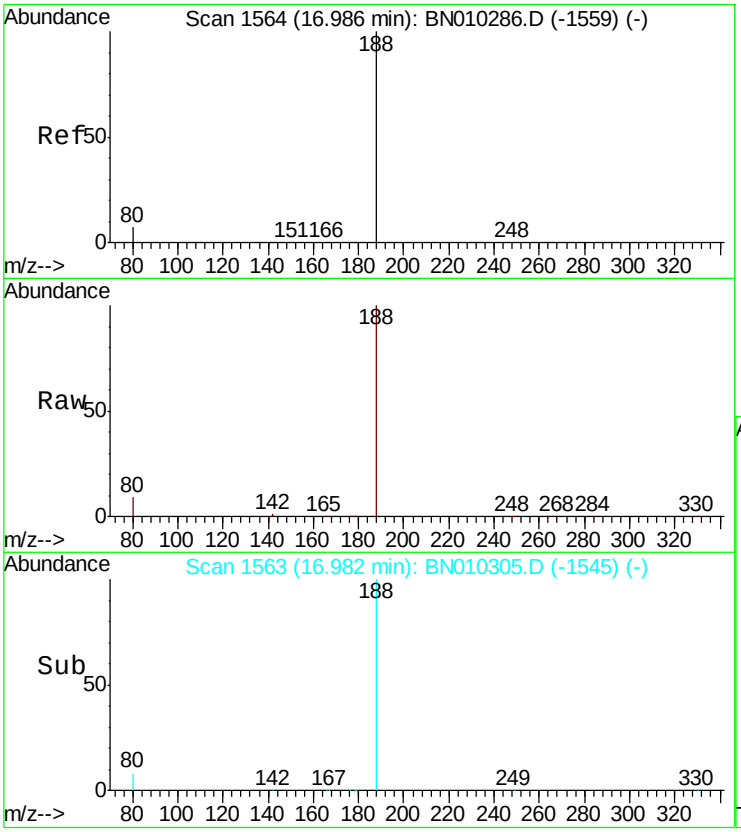


#18
Fluorene
Concen: 0.393 ng
RT: 15.29 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:166 Resp: 16963

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.7	118.1
167	13.7	11.0	16.4



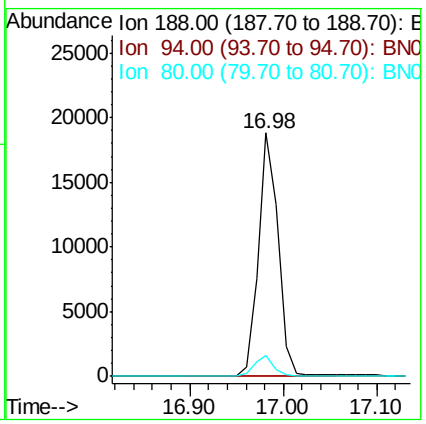


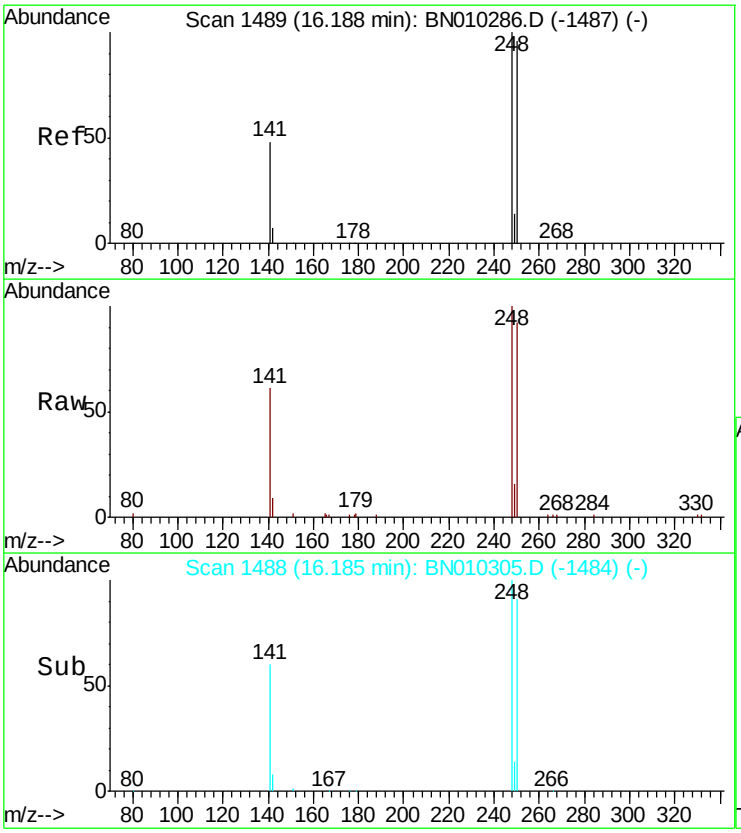
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 27402

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	6.0	9.0

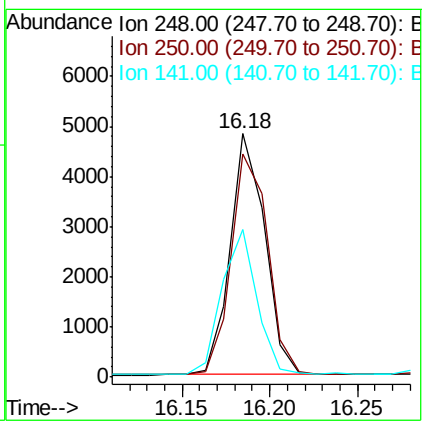


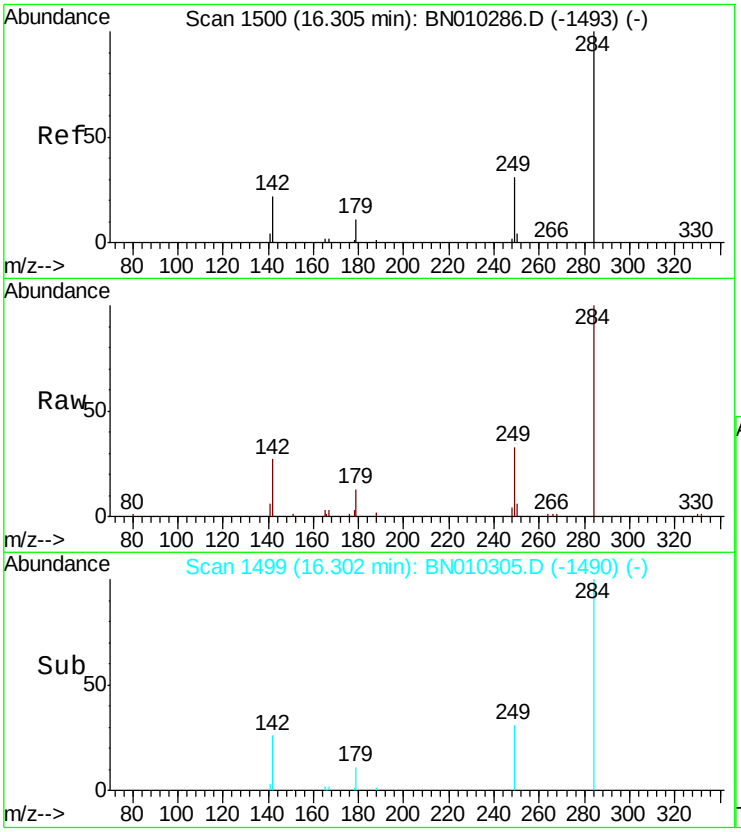


#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:248 Resp: 6538

Ion	Ratio	Lower	Upper
248	100		
250	91.6	76.8	115.2
141	60.8	44.4	66.6



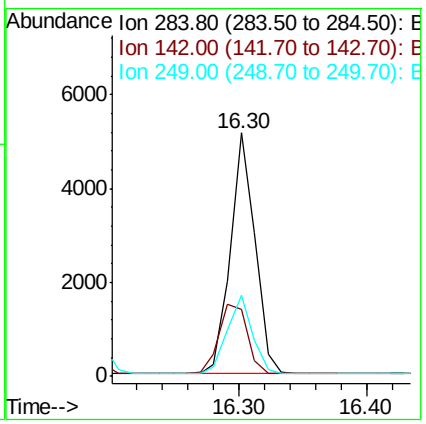


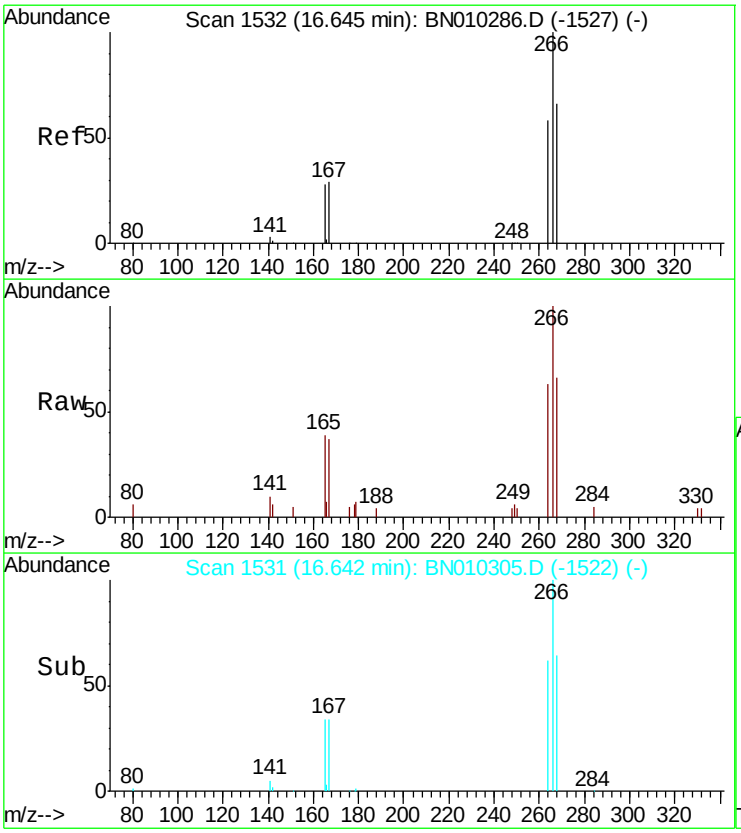
#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.30 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6868

Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.4	41.2
249	32.7	26.5	39.7

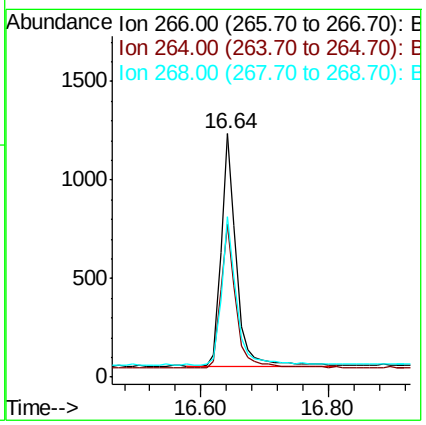


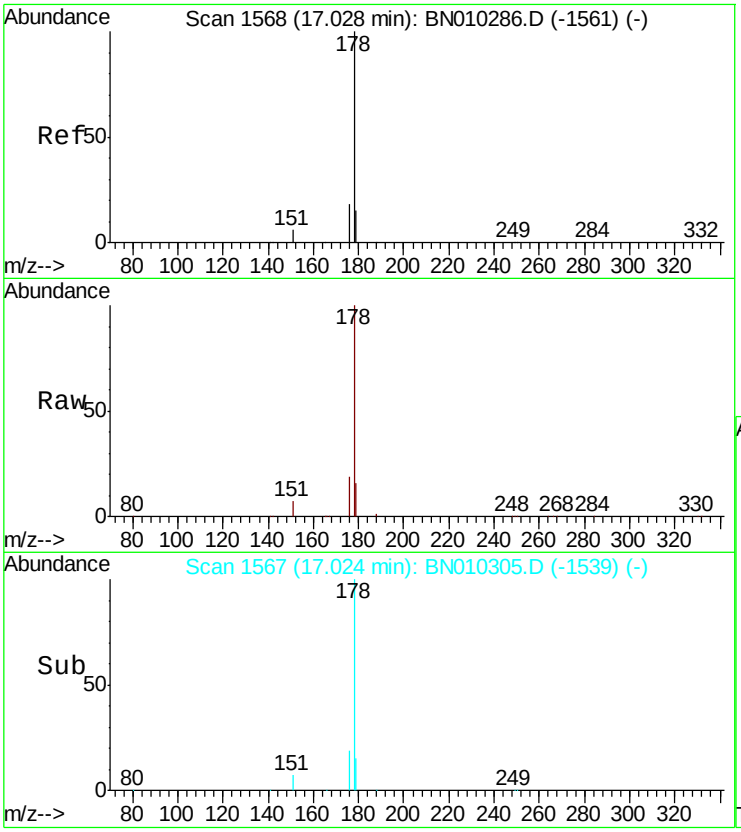


#22
Pentachlorophenol
Concen: 0.333 ng
RT: 16.64 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:266 Resp: 1948

Ion	Ratio	Lower	Upper
266	100		
264	62.6	47.7	71.5
268	66.1	54.9	82.3



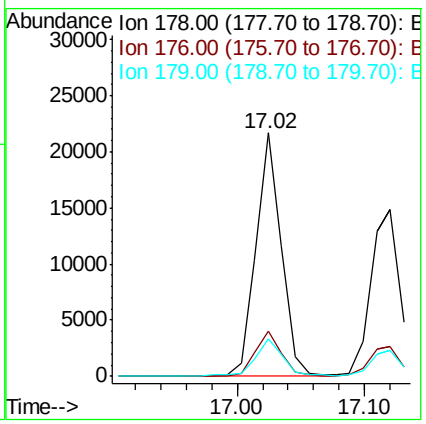


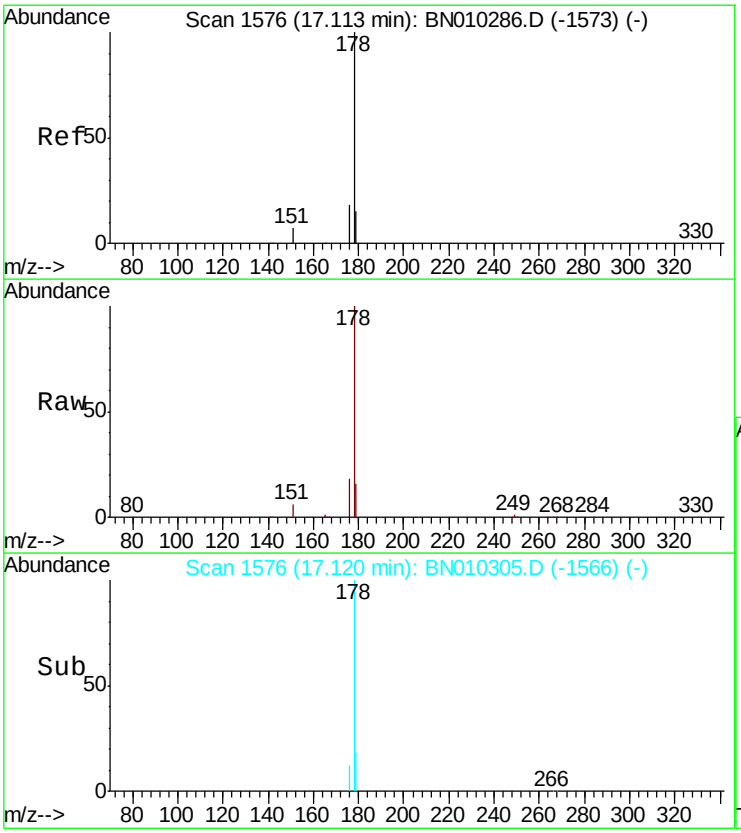
#23
Phenanthrene
Concen: 0.395 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 29779

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.4	12.4	18.6

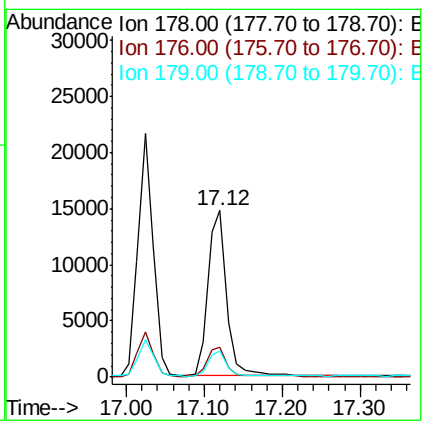


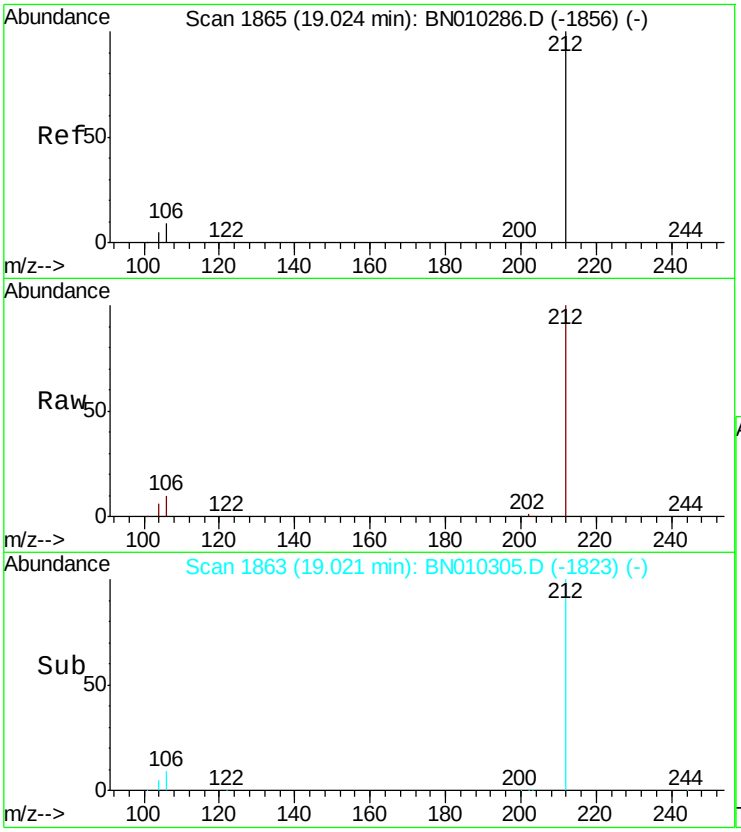


#24
Anthracene
Concen: 0.374 ng
RT: 17.12 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:178 Resp: 24089

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.3	12.3	18.5



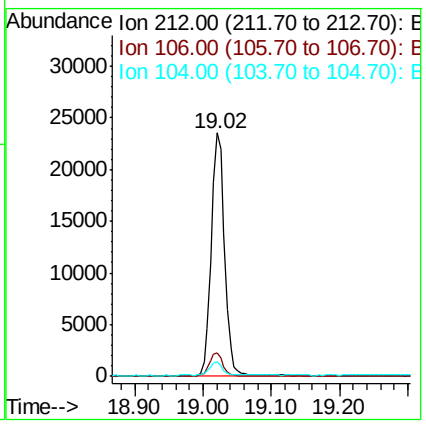


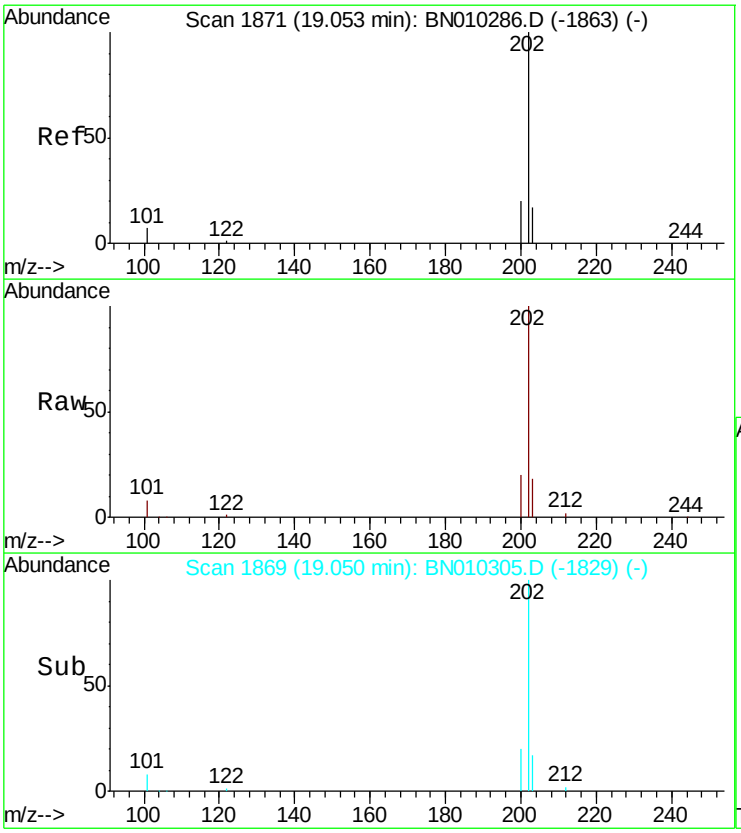
#25
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.02 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 32083

Ion	Ratio	Lower	Upper
212	100		
106	9.5	7.4	11.2
104	5.4	4.2	6.4

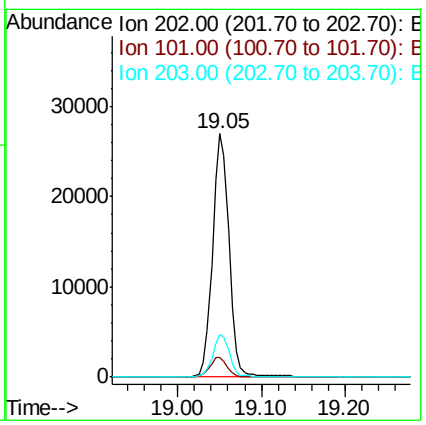


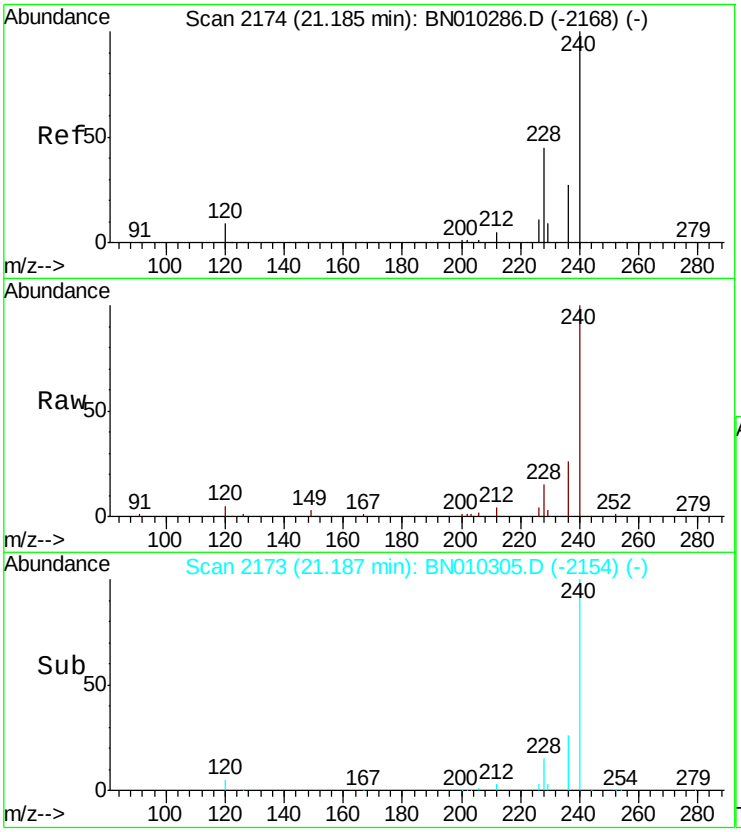


#26
Fluoranthene
Concen: 0.393 ng
RT: 19.05 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:202 Resp: 36282

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	9.8
203	17.1	13.8	20.8



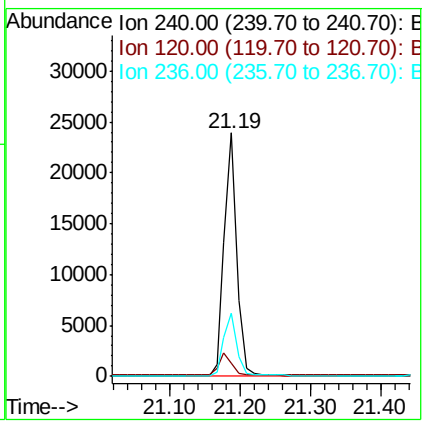


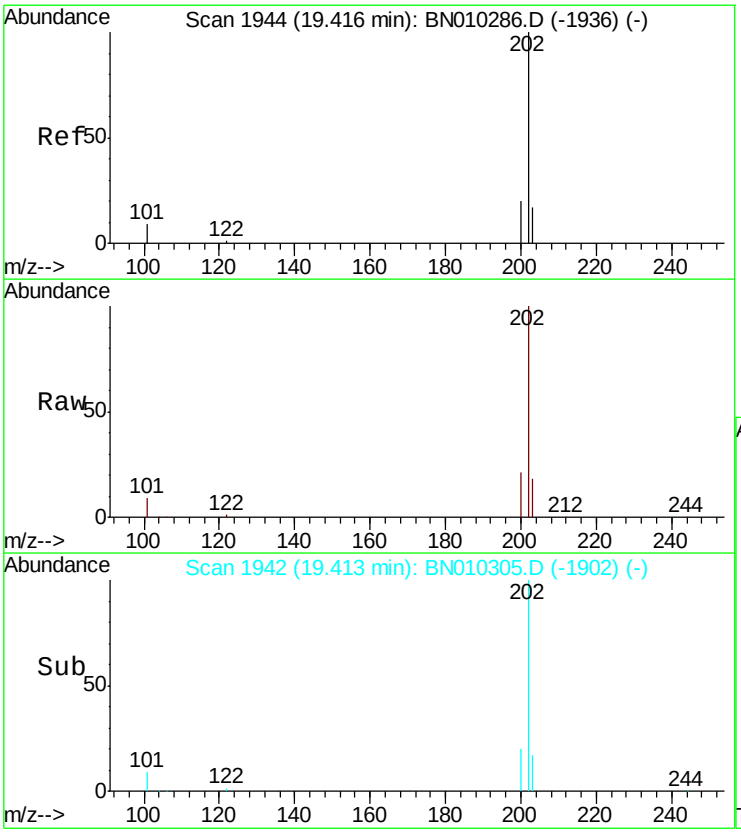
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 29936

Ion	Ratio	Lower	Upper
240	100		
120	5.5	7.9	11.9#
236	26.2	22.2	33.4

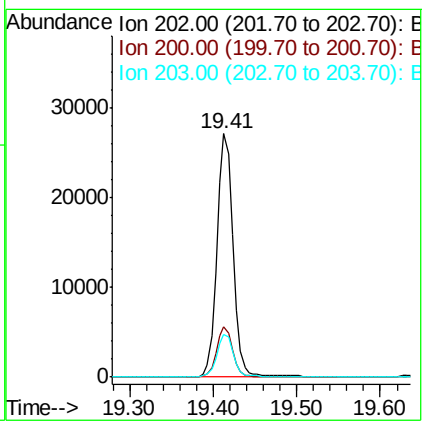


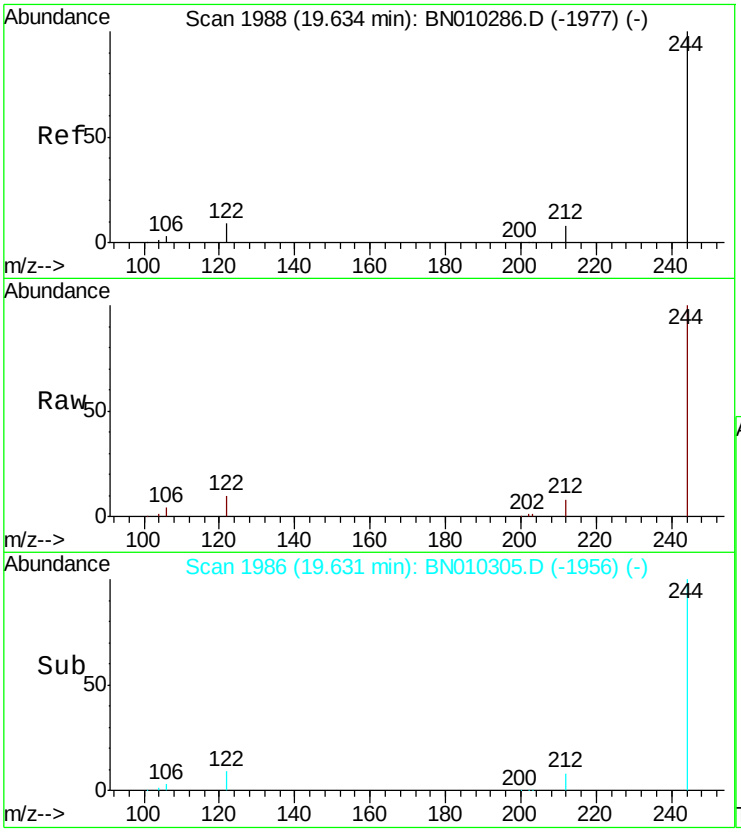


#28
Pyrene
Concen: 0.386 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:202 Resp: 35969

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.5	14.2	21.2



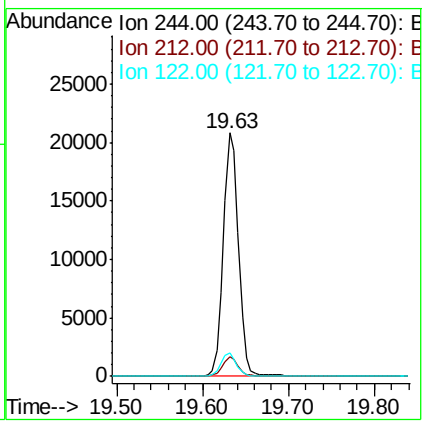


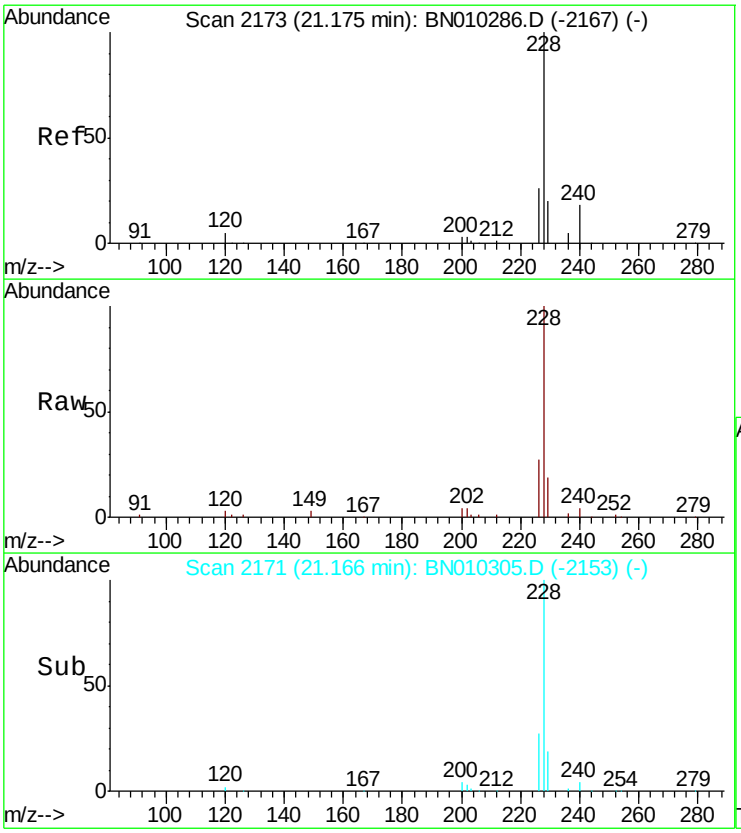
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.63 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 25313

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	9.7	7.6	11.4

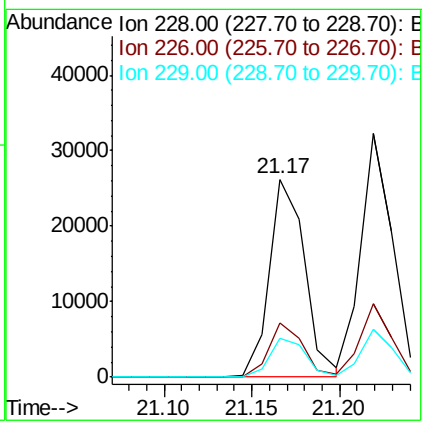


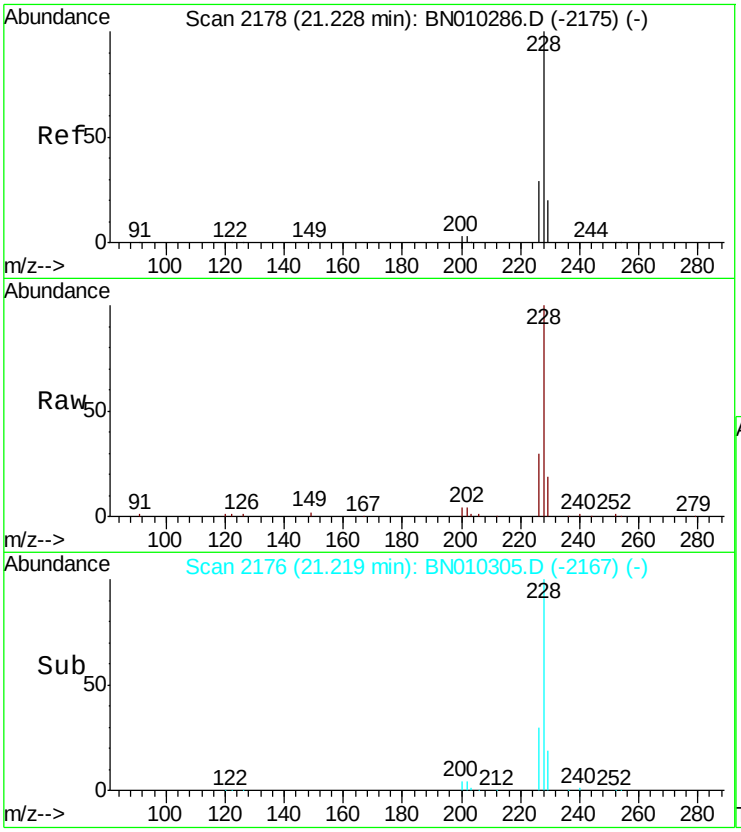


#30
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:228 Resp: 36708

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.0	31.4
229	19.5	16.0	24.0



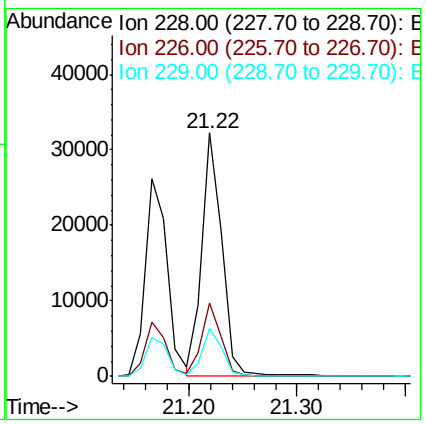


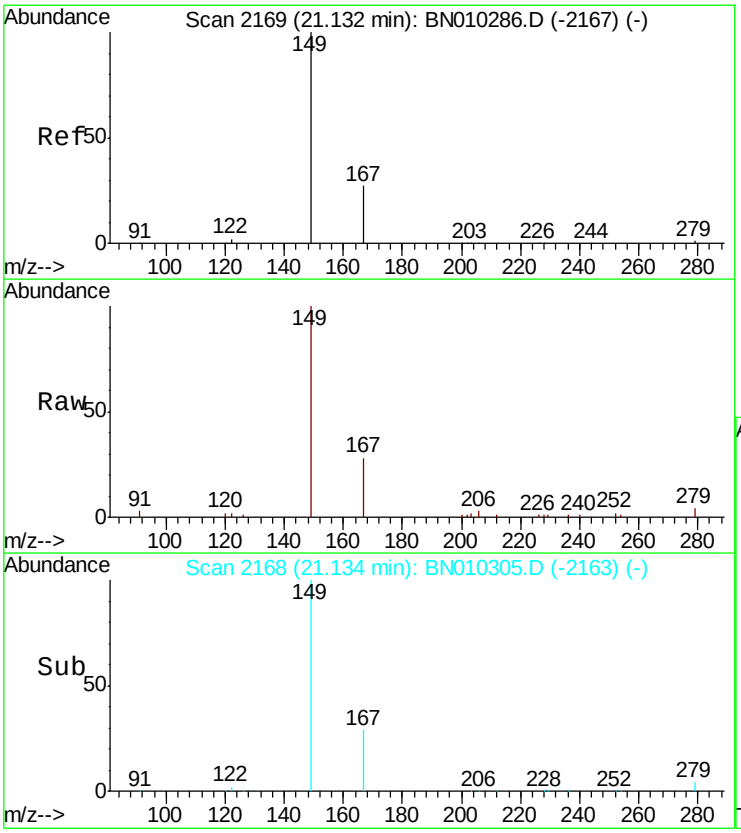
#31
Chrysene
Concen: 0.399 ng
RT: 21.22 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 40803

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.6
229	19.4	16.0	24.0

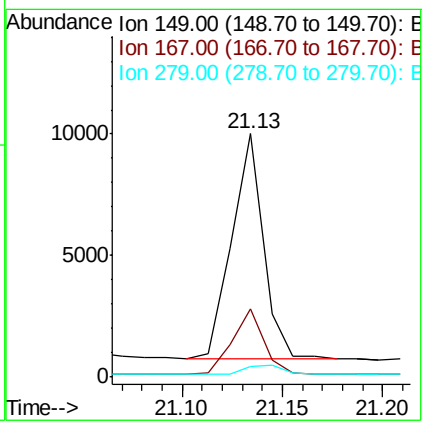


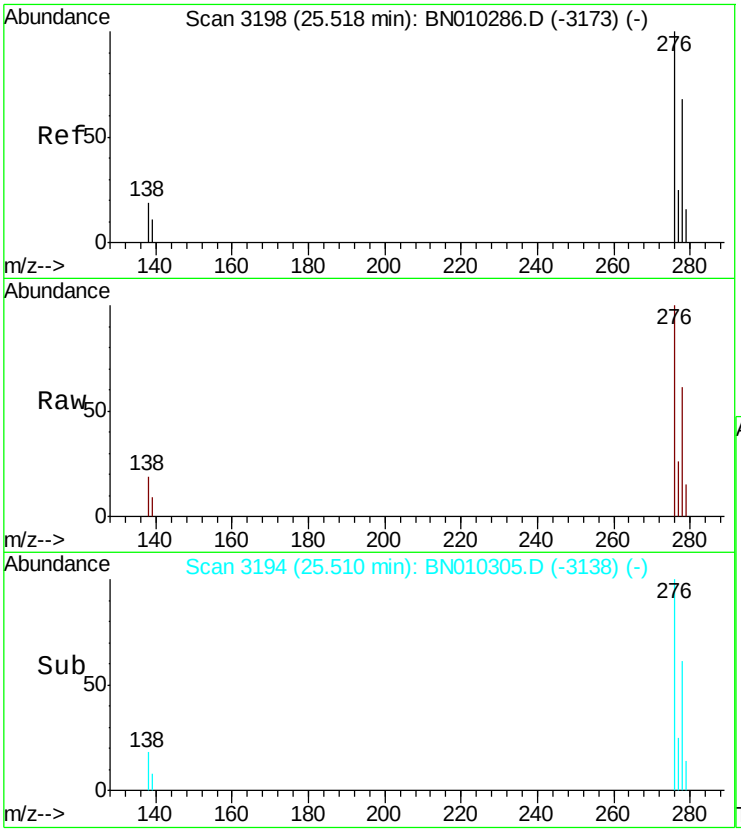


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.316 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:149 Resp: 10153

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.6
279	5.0	3.8	5.8



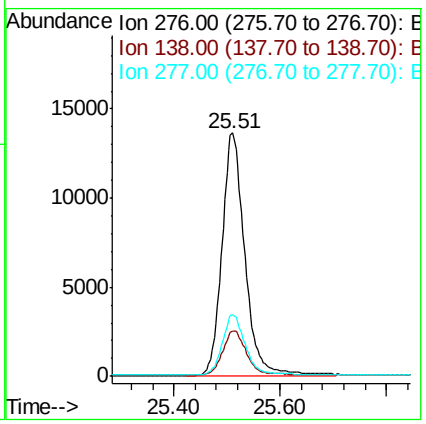


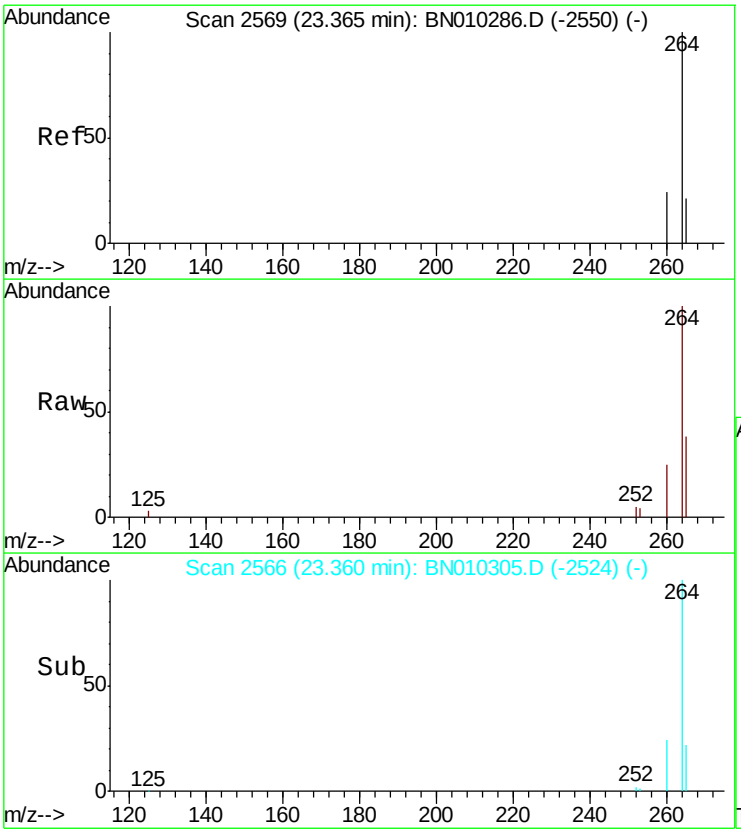
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 25.51 min Scan# 3194
Delta R.T. -0.01 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 40713

Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.6	23.4
277	24.9	20.1	30.1

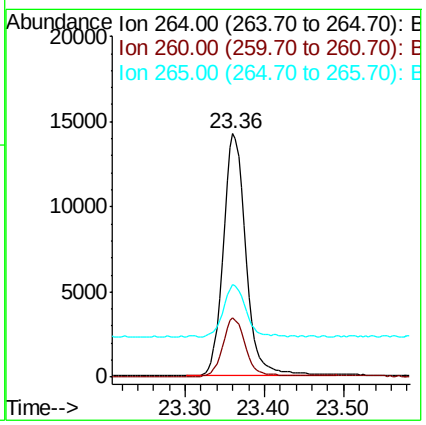


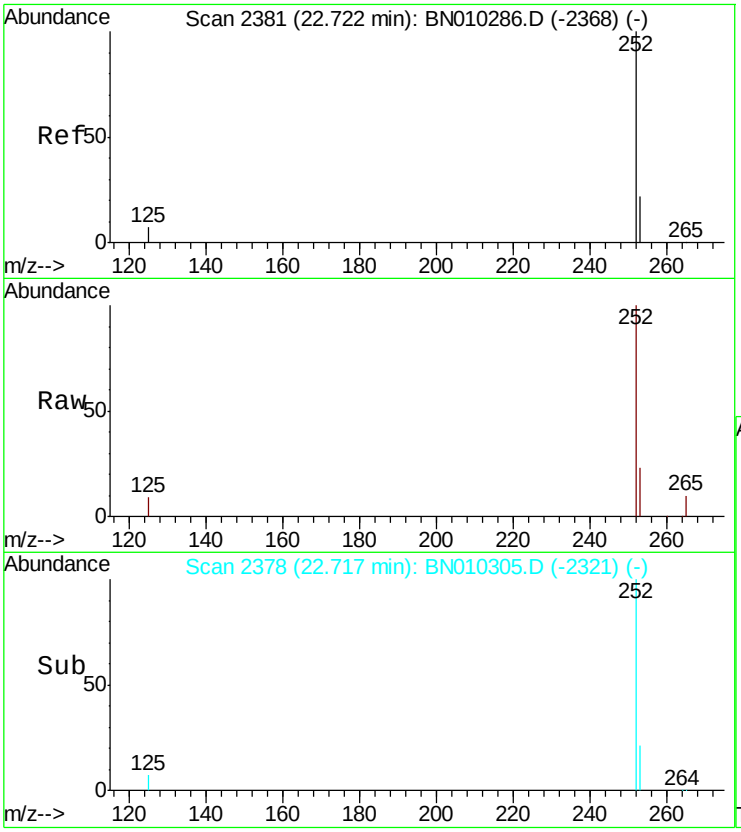


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2566
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:264 Resp: 28247

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	38.3	32.4	48.6



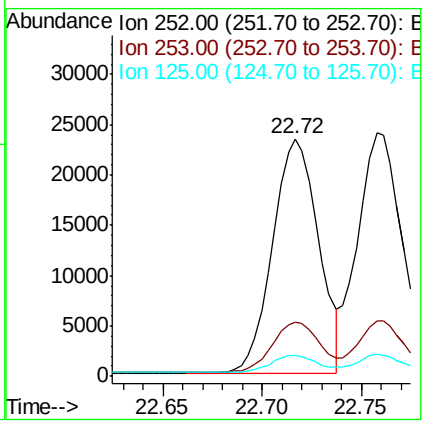


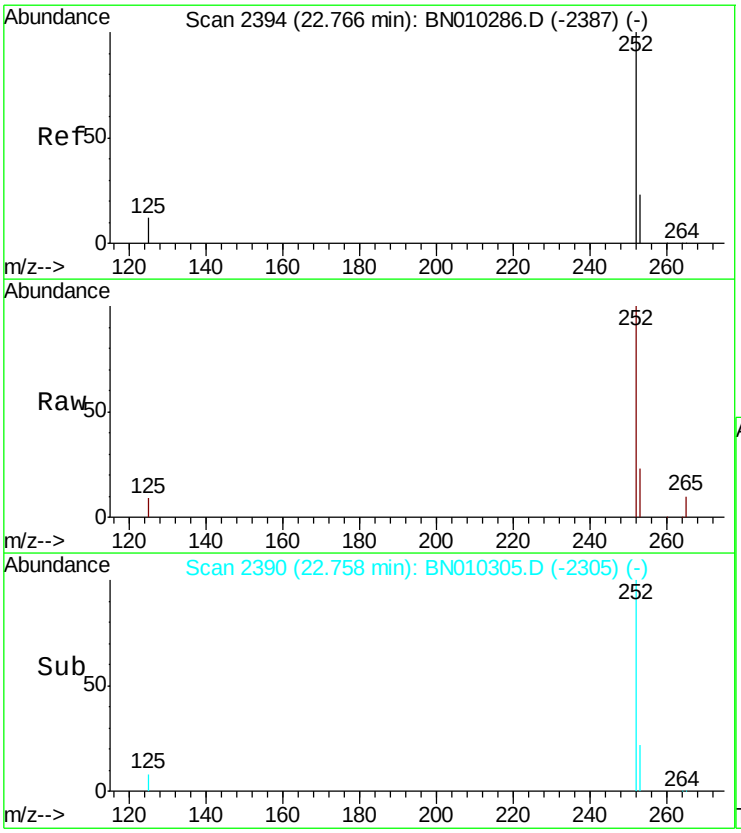
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.72 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37473

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.2	28.8
125	8.7	7.4	11.0

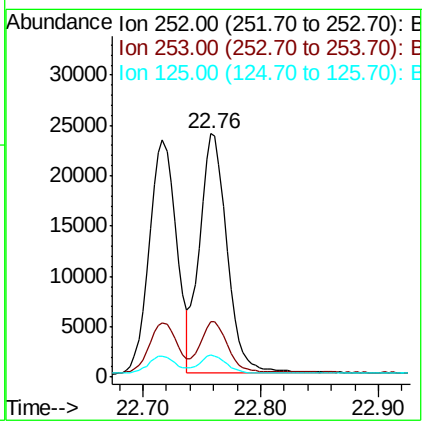


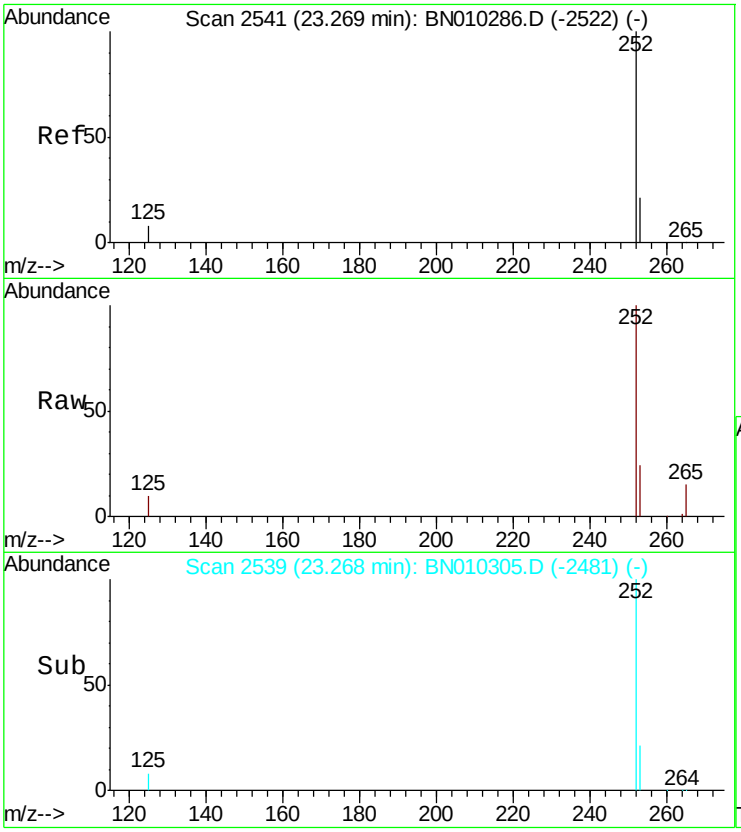


#36
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.76 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:252 Resp: 38639

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.0
125	9.0	10.2	15.2#



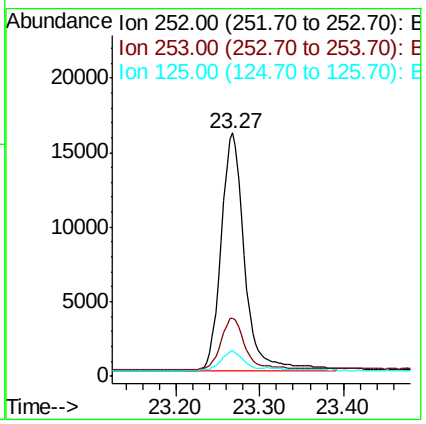


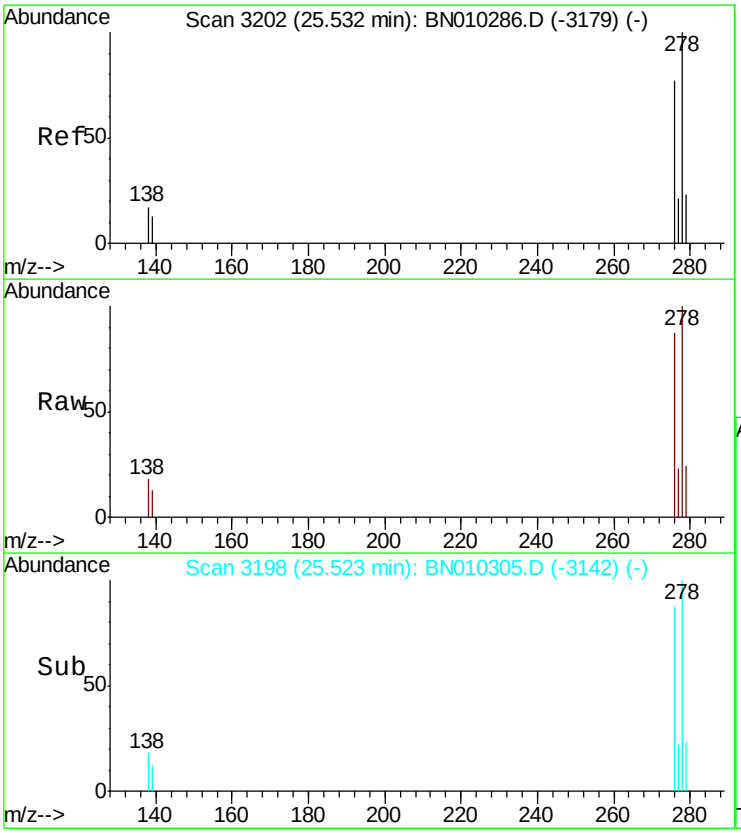
#37
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.27 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 31519

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.9	29.9
125	10.4	8.9	13.3

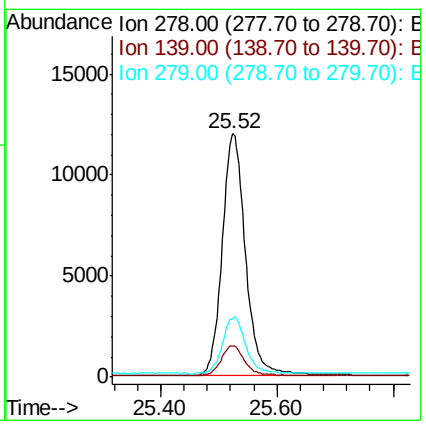


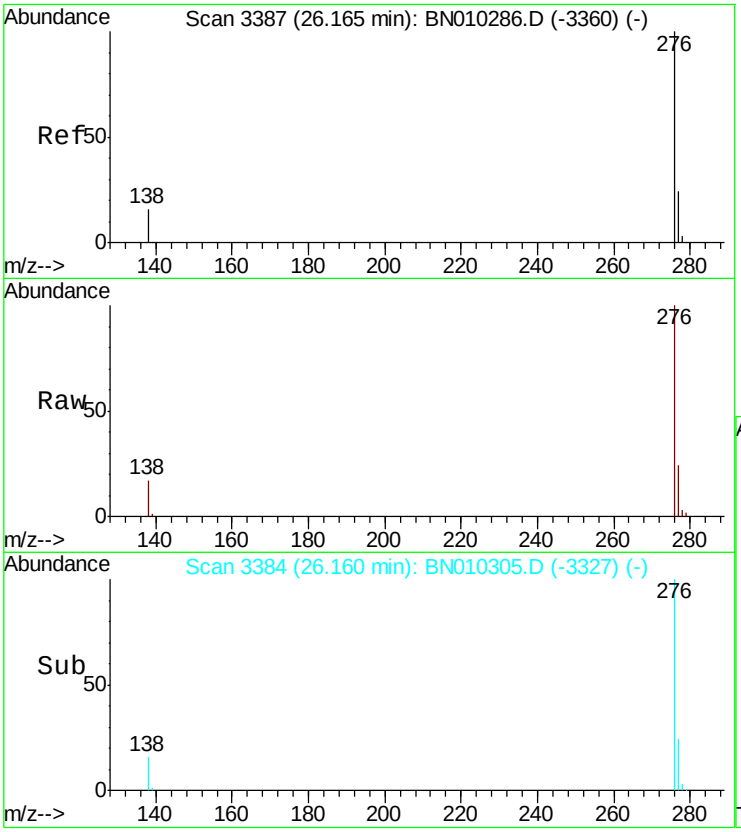


#38
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Tgt Ion:278 Resp: 33555

Ion	Ratio	Lower	Upper
278	100		
139	12.6	10.6	16.0
279	23.9	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 26.16 min Scan# 3384
Delta R.T. -0.00 min
Lab File: BN010305.D
Acq: 20 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 34538

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	16.9	13.3	19.9