Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
Data File : BN010347.D
Acq On : 25 Mar 2020 03:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 25 04:11:15 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	4248	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	14808	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8808	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	20195	0.40	ng		0.00
27) Chrysene-d12	21.19	240	20721	0.40	ng		0.00
34) Perylene-d12	23.35	264	20354	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3399	0.40	ng		0.00
5) Phenol-d6	6.80	99	4201	0.40	ng		0.00
8) Nitrobenzene-d5	8.74	82	3676	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	10611	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1172	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	13802	0.41	ng		-0.01
25) Fluoranthene-d10	19.02	212	26440	0.43	ng		0.00
29) Terphenyl-d14	19.63	244	18336	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1528	0.383	ng		98
3) n-Nitrosodimethylamine	3.57	42	1044	0.310	ng	#	92
6) bis(2-Chloroethyl)ether	7.05	93	4061	0.404	ng		99
9) Naphthalene	10.42	128	14942	0.405	ng		98
10) Hexachlorobutadiene	10.72	225	3679	0.411	ng	#	99
12) 2-Methylnaphthalene	12.04	142	10279	0.402	ng		99
16) Acenaphthylene	13.95	152	12797	0.370	ng		100
17) Acenaphthene	14.30	154	10045	0.408	ng		99
18) Fluorene	15.29	166	12899	0.394	ng		98
20) 4-Bromophenyl-phenylether	16.19	248	4671	0.381	ng	#	89
21) Hexachlorobenzene	16.31	284	5399	0.429	ng		99
22) Pentachlorophenol	16.65	266	1367	0.317	ng		98
23) Phenanthrene	17.02	178	22521	0.406	ng		100
24) Anthracene	17.11	178	17771	0.374	ng		100
26) Fluoranthene	19.05	202	26697	0.392	ng		100
28) Pyrene	19.41	202	27131	0.421	ng		100
30) Benzo(a)anthracene	21.16	228	24824	0.376	ng		99
31) Chrysene	21.22	228	28890	0.408	ng		100
32) Bis(2-ethylhexyl)phthalate	21.12	149	6921	0.311	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	31630	0.417	ng		100
35) Benzo(b)fluoranthene	22.71	252	27495	0.398	ng		100
36) Benzo(k)fluoranthene	22.75	252	29223	0.415	ng		98
37) Benzo(a)pyrene	23.26	252	23036	0.395	ng		99
38) Dibenzo(a,h)anthracene	25.51	278	25798	0.409	ng		99
39) Benzo(g,h,i)perylene	26.14	276	26230	0.413	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
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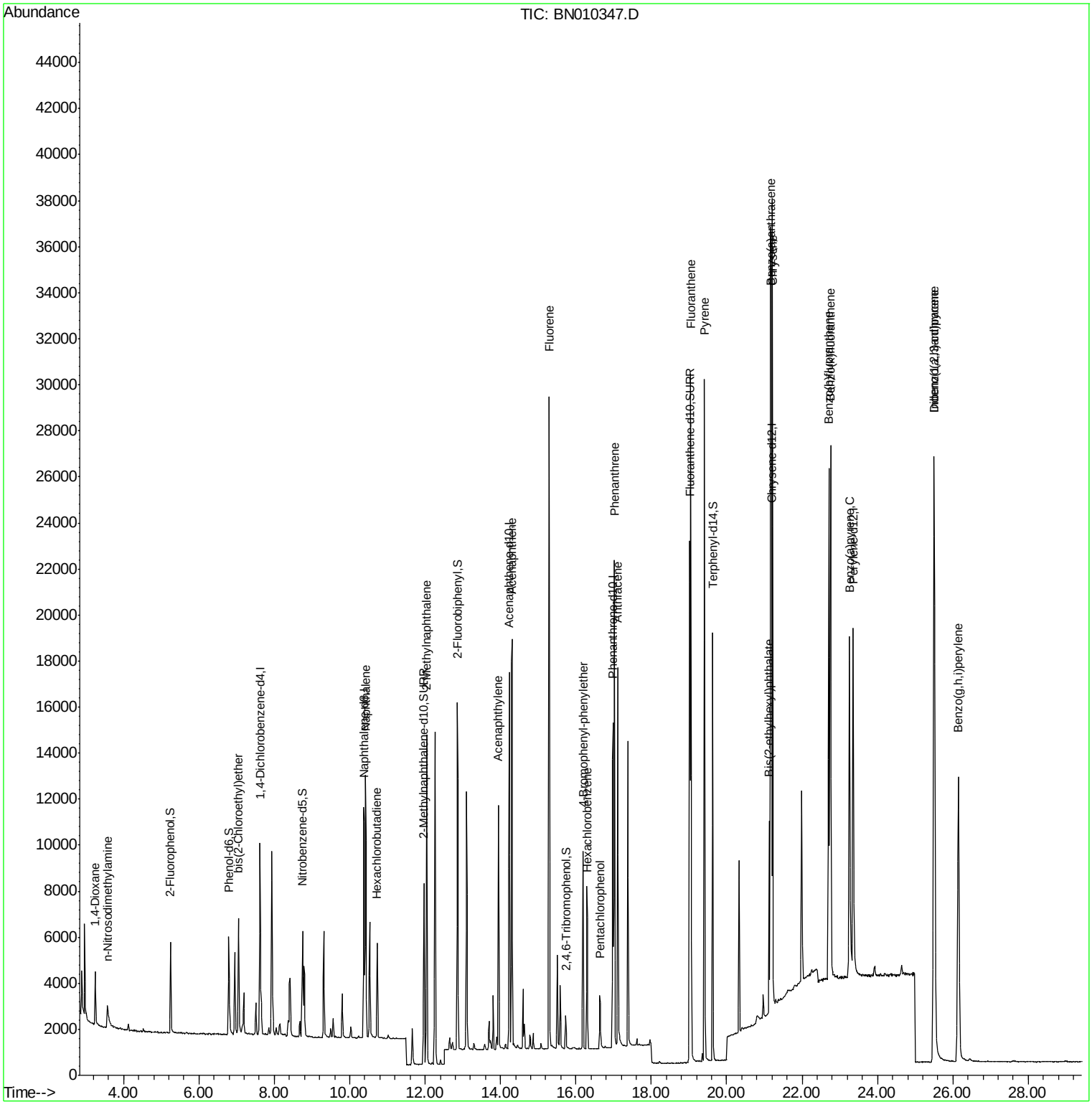
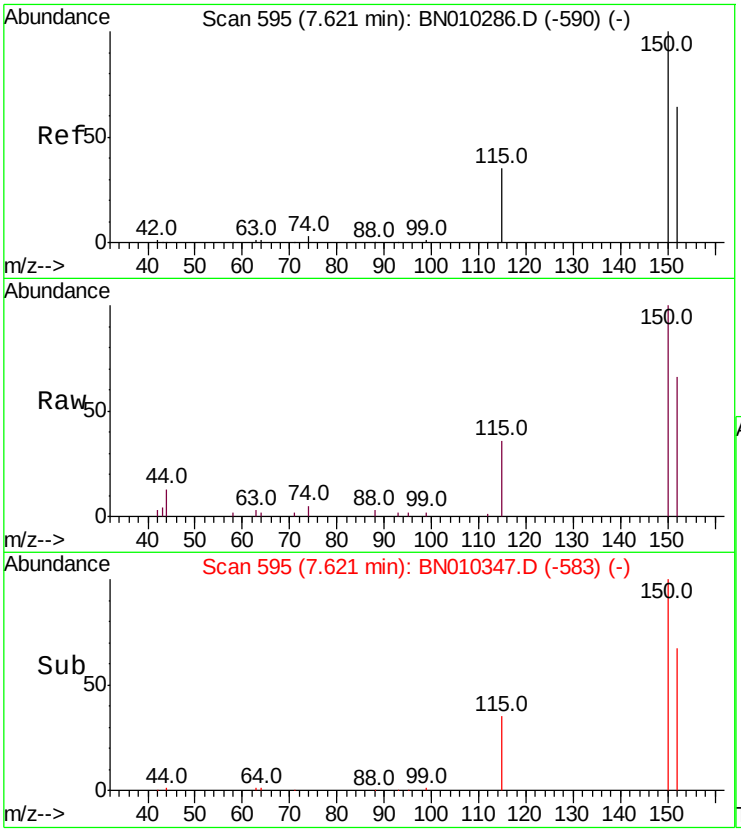
Acq On : 25 Mar 2020 03:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 25 04:11:15 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



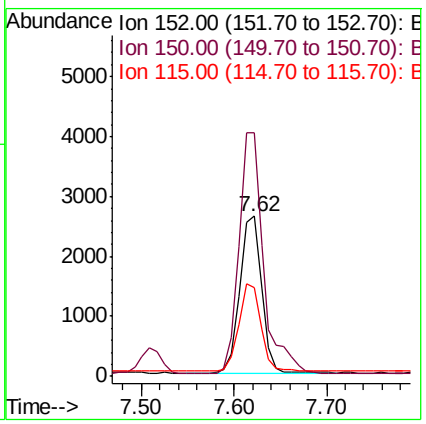


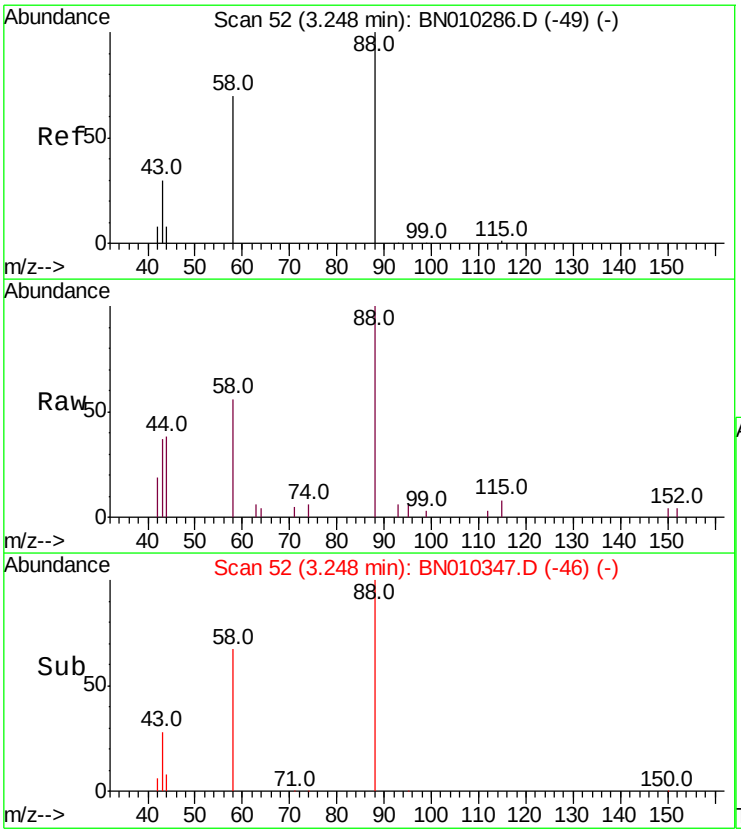
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4248

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.1	184.7
115	55.1	45.2	67.8

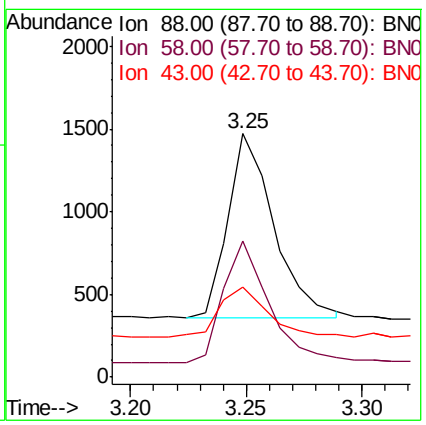


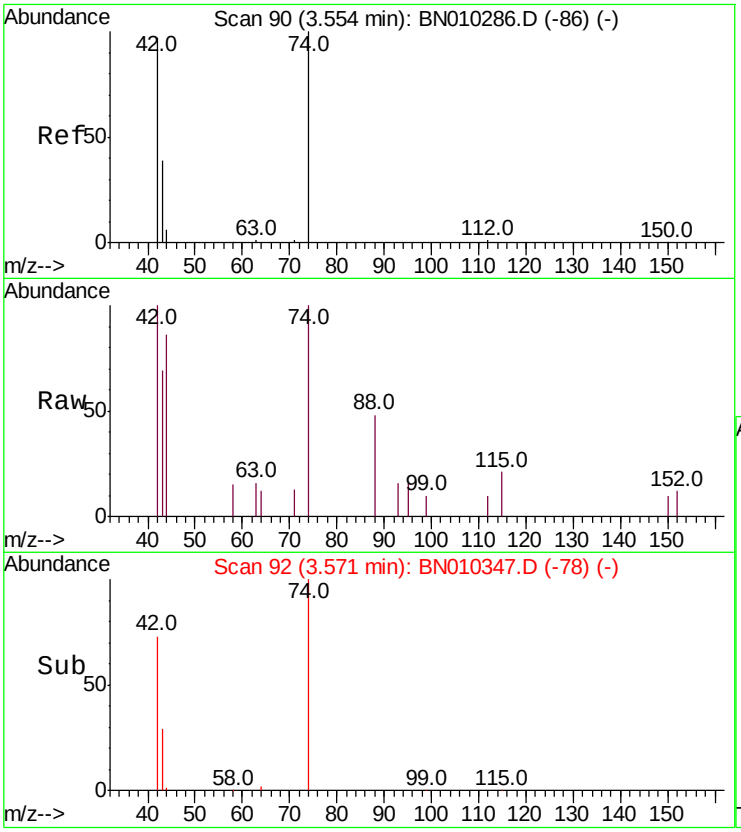


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion: 88 Resp: 1528

Ion	Ratio	Lower	Upper
88	100		
58	66.0	51.7	77.5
43	28.5	21.2	31.8



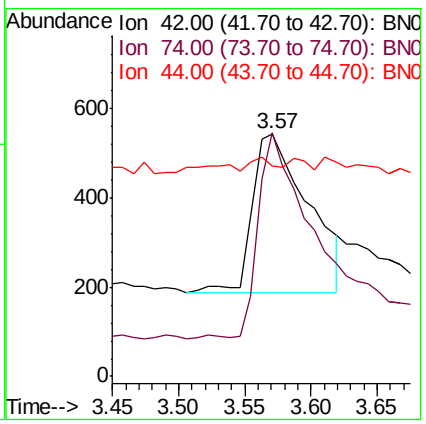


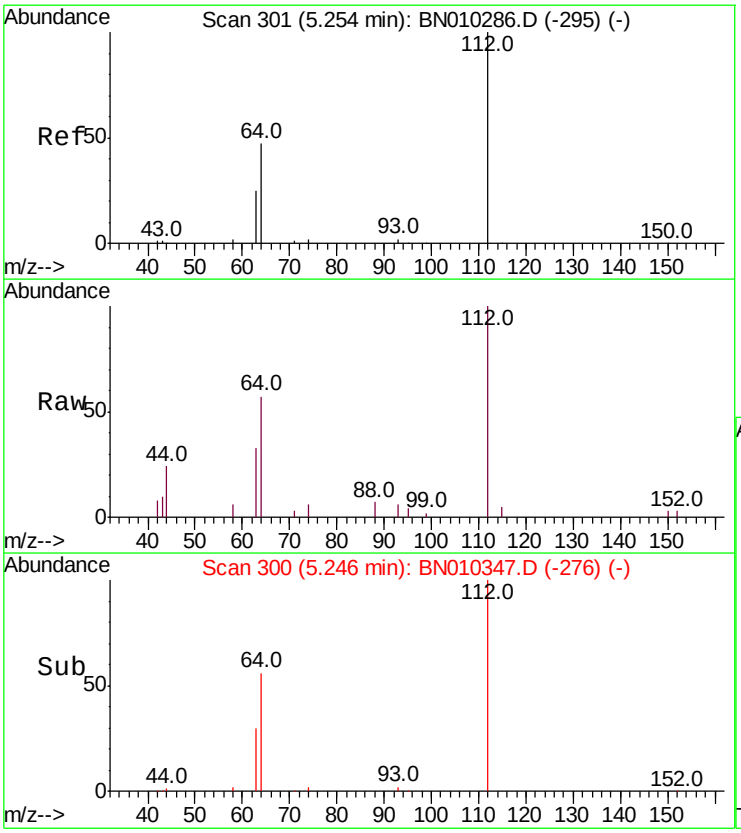
#3
n-Nitrosodimethylamine
Concen: 0.310 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.02 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1044

Ion	Ratio	Lower	Upper
42	100		
74	115.0	99.4	149.0
44	3.5	4.8	7.2#

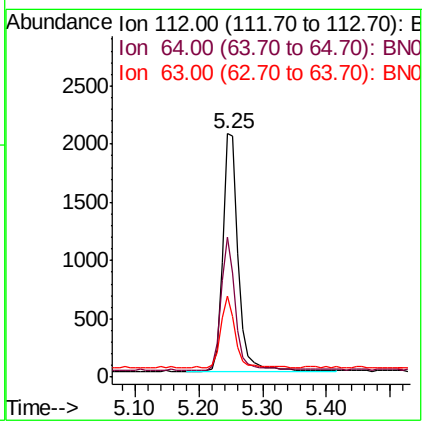


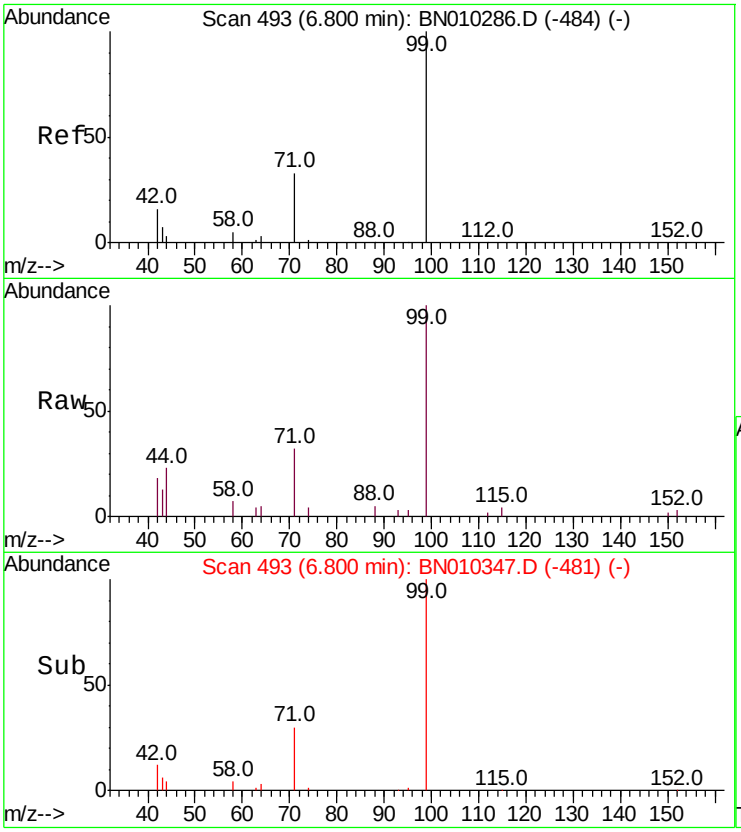


#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:112 Resp: 3399

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.4	62.2
63	28.0	22.9	34.3



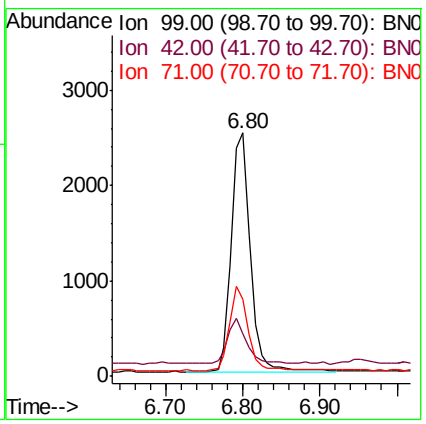


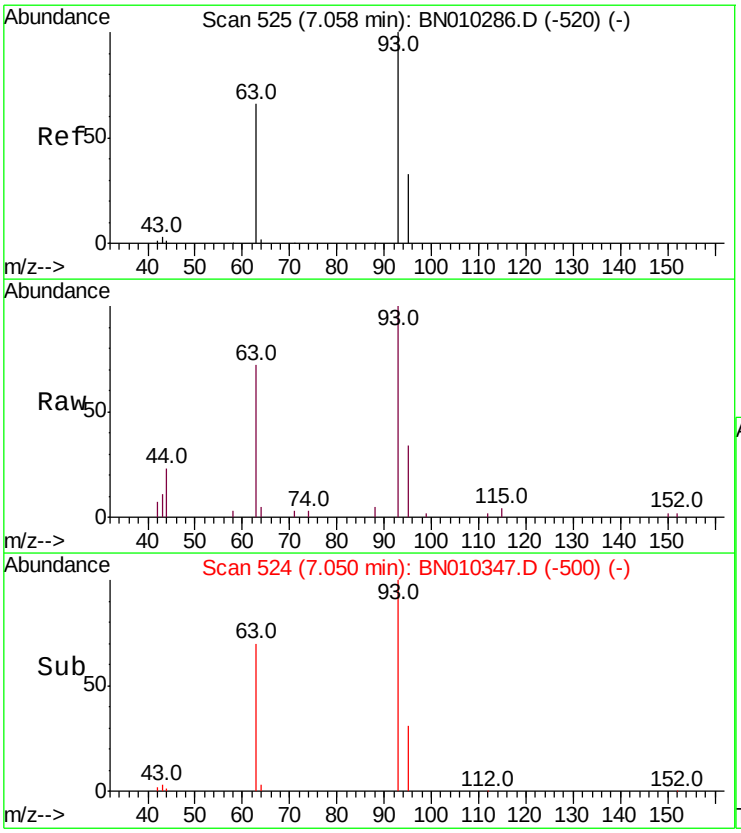
#5
Phenol-d6
Concen: 0.402 ng
RT: 6.80 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4201

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.8	22.2
71	34.5	27.3	40.9

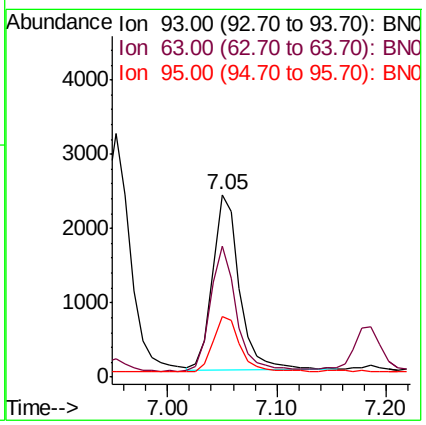


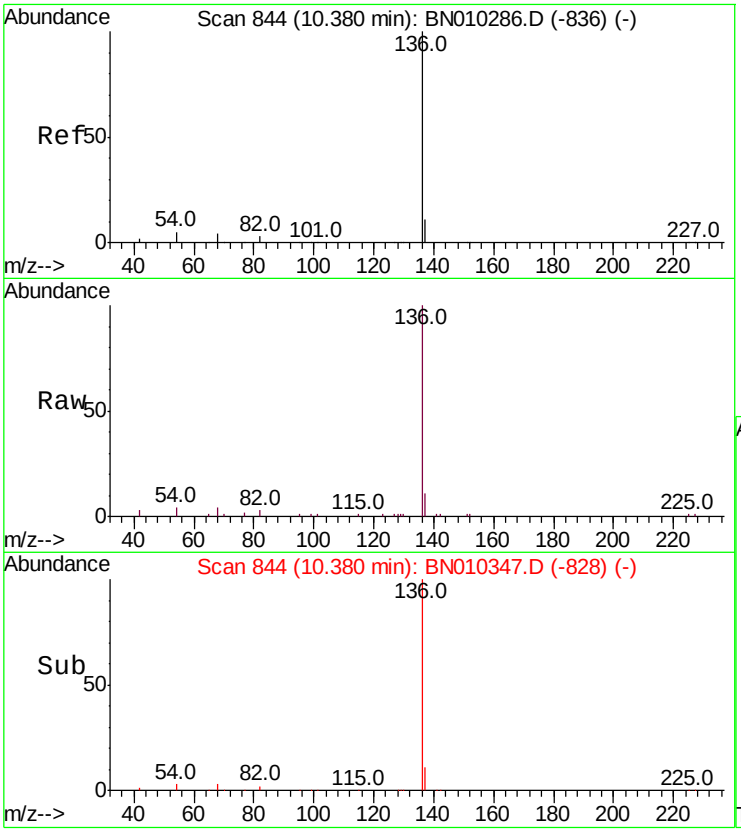


#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 7.05 min Scan# 524
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion: 93 Resp: 4061

Ion	Ratio	Lower	Upper
93	100		
63	69.0	55.6	83.4
95	33.2	26.2	39.4



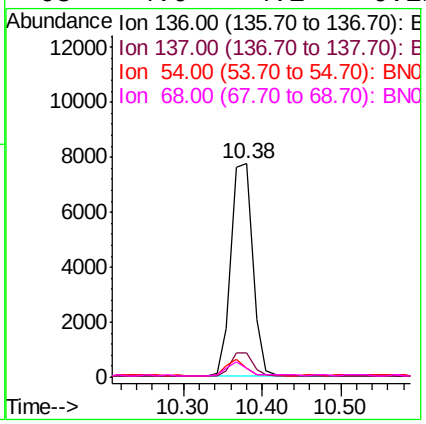


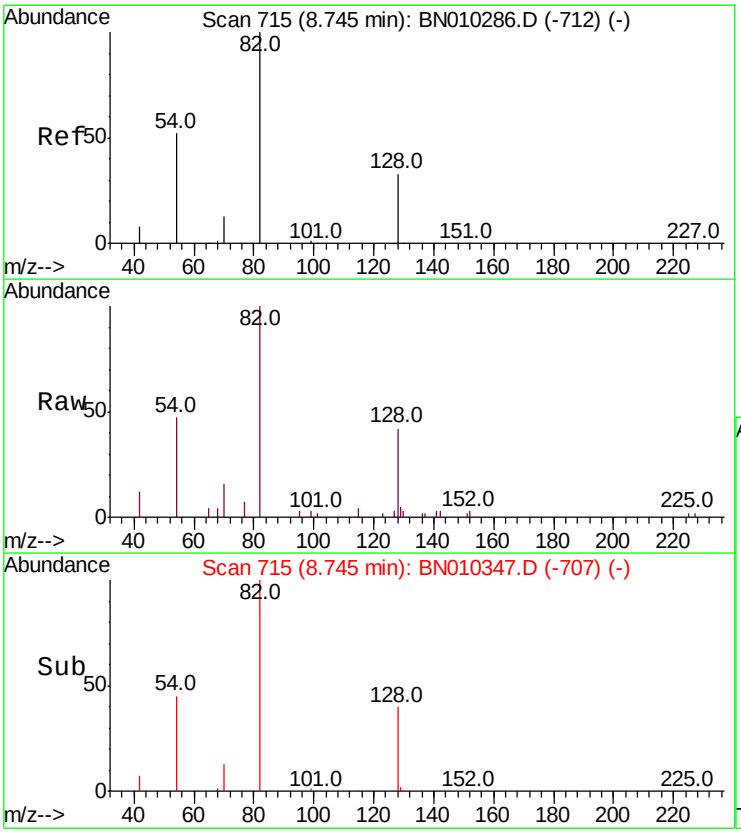
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14808

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	4.0	4.8	7.2#
68	4.0	4.1	6.1#

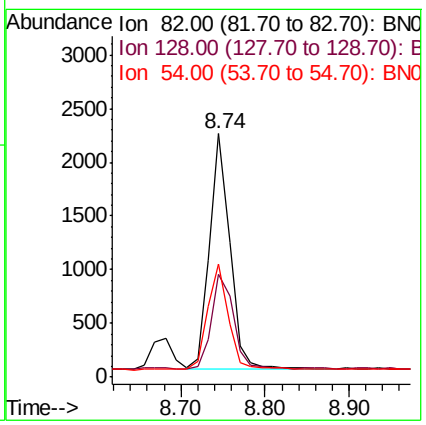


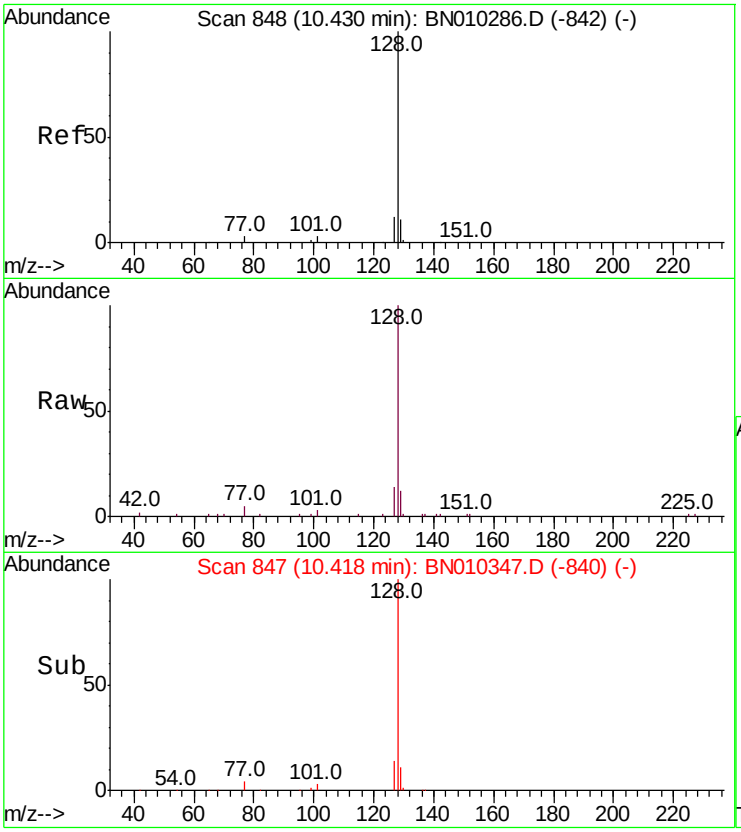


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.74 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion: 82 Resp: 3676

Ion	Ratio	Lower	Upper
82	100		
128	42.1	28.8	43.2
54	46.6	42.1	63.1



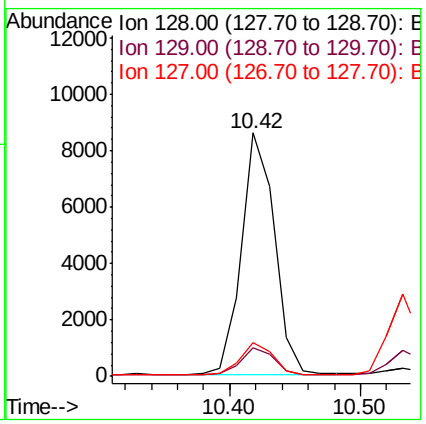


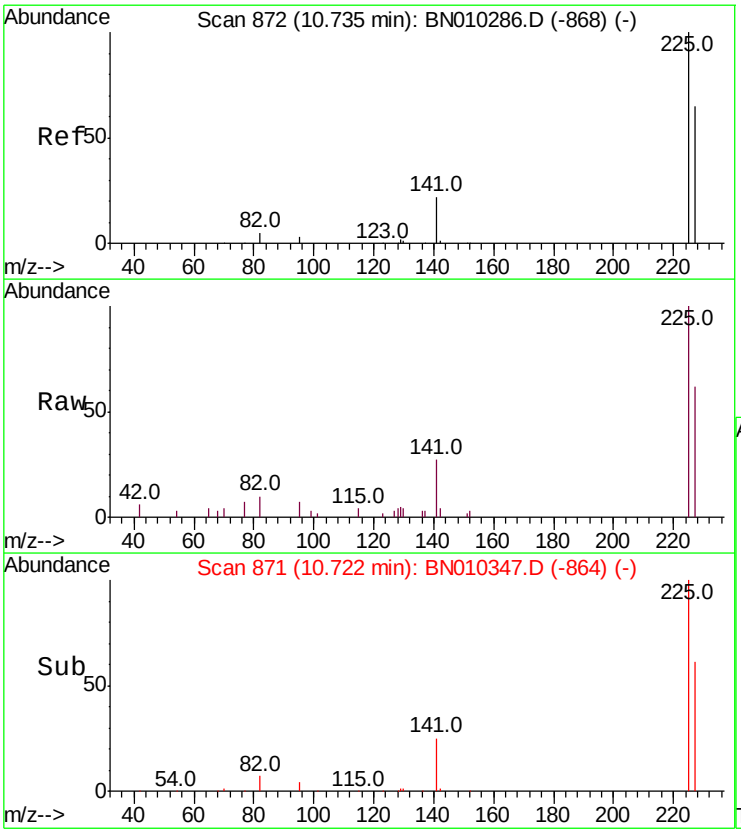
#9
Naphthalene
Concen: 0.405 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 14942

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	14.1	10.4	15.6

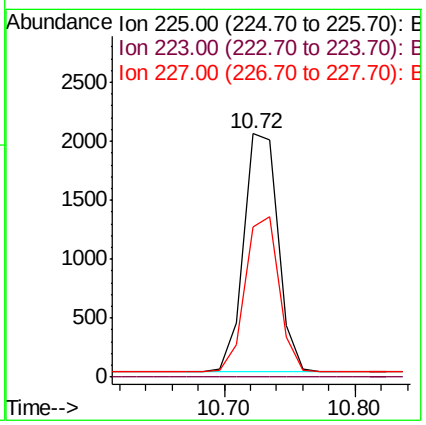


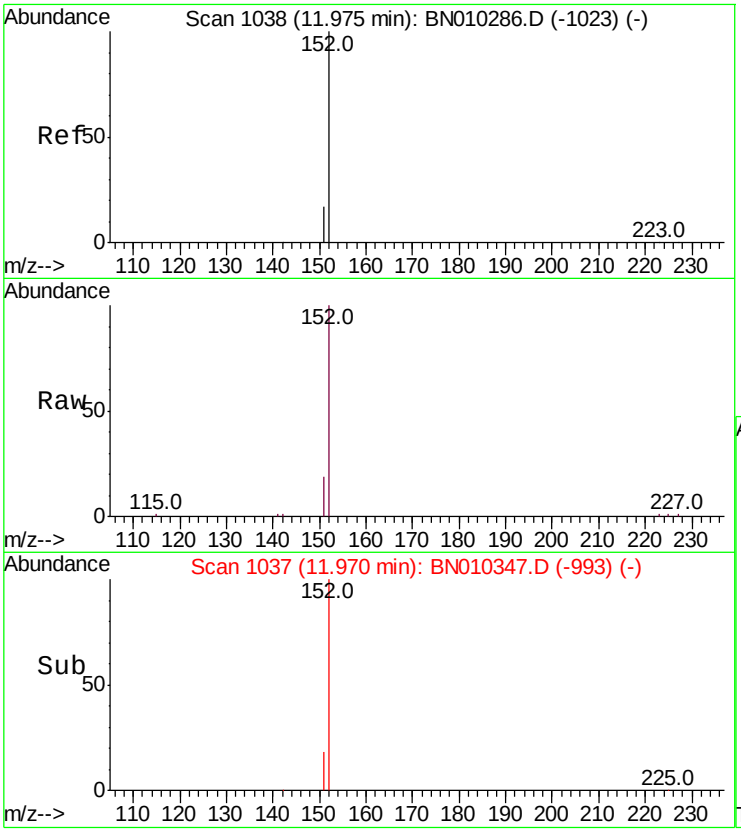


#10
Hexachlorobutadiene
Concen: 0.411 ng
RT: 10.72 min Scan# 871
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:225 Resp: 3679

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.9	77.9



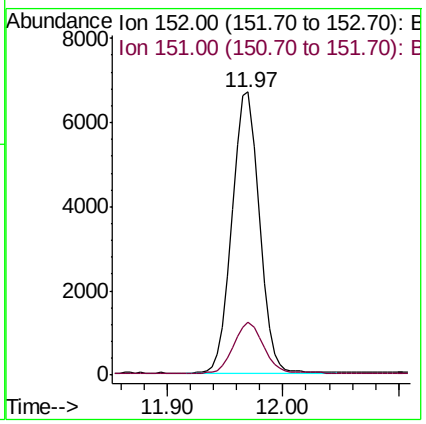


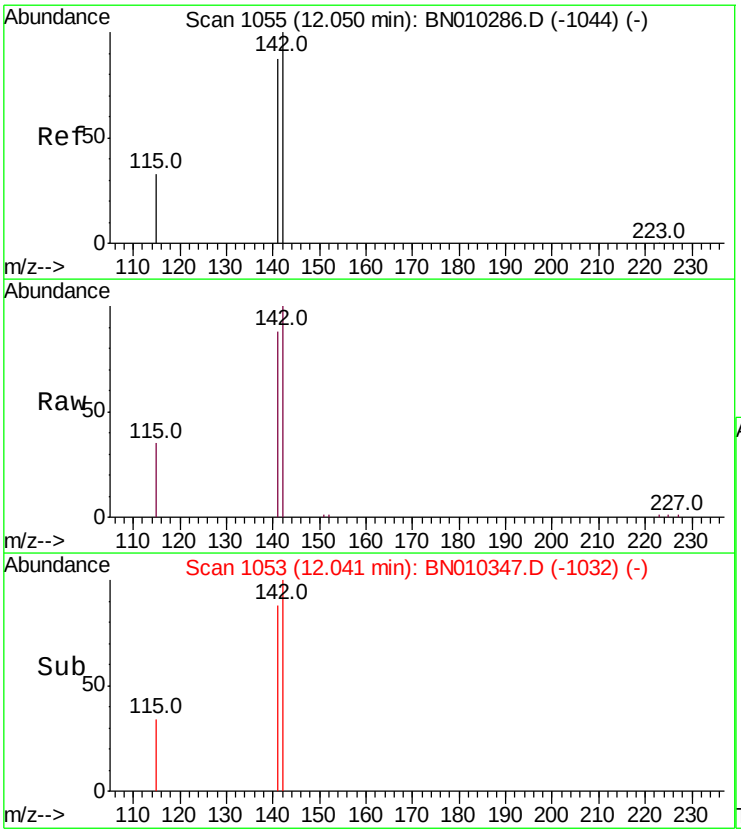
#11
2-Methylnaphthalene-d10
Concen: 0.449 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 10611

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

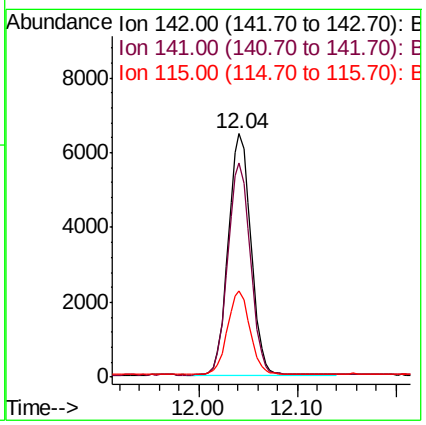


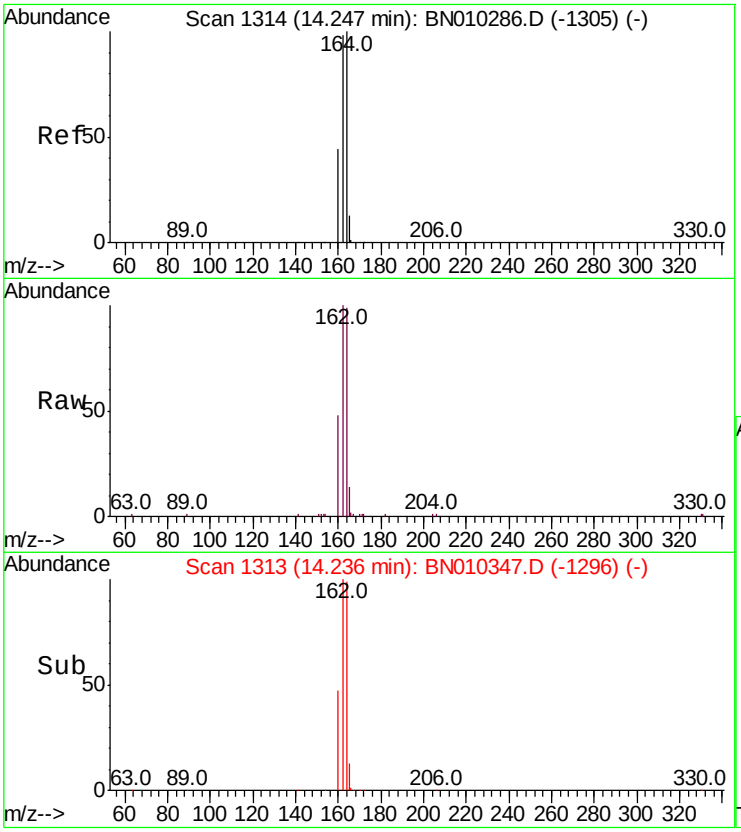


#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:142 Resp: 10279

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.5	104.3
115	35.3	27.5	41.3



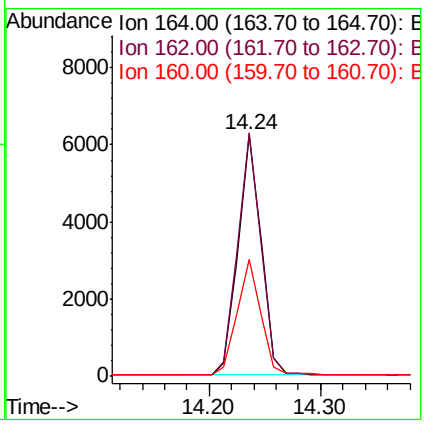


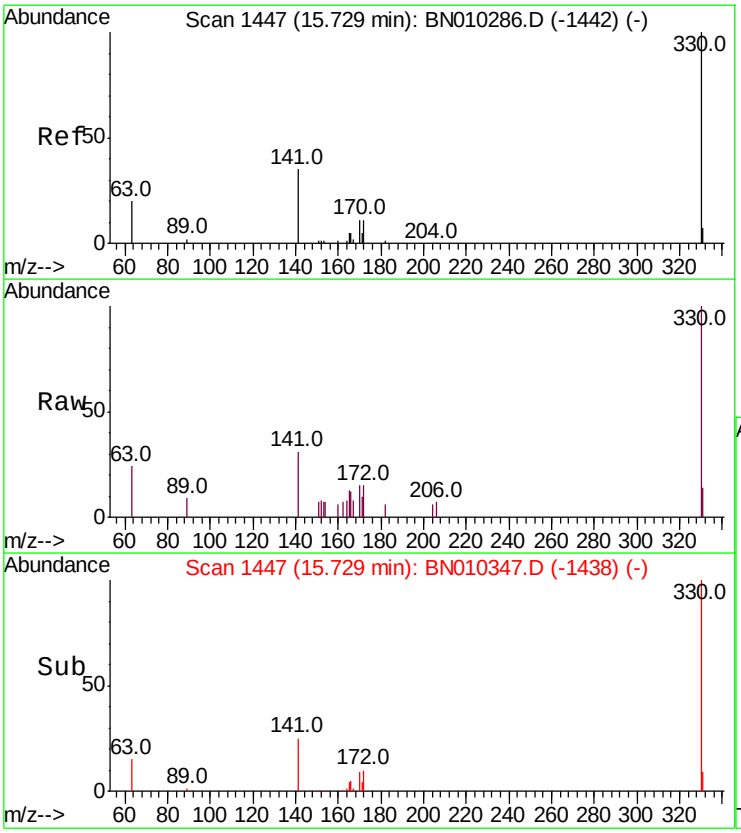
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8808

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.2	117.2
160	48.2	35.8	53.6

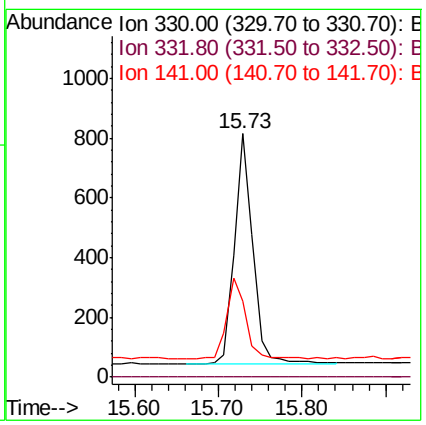


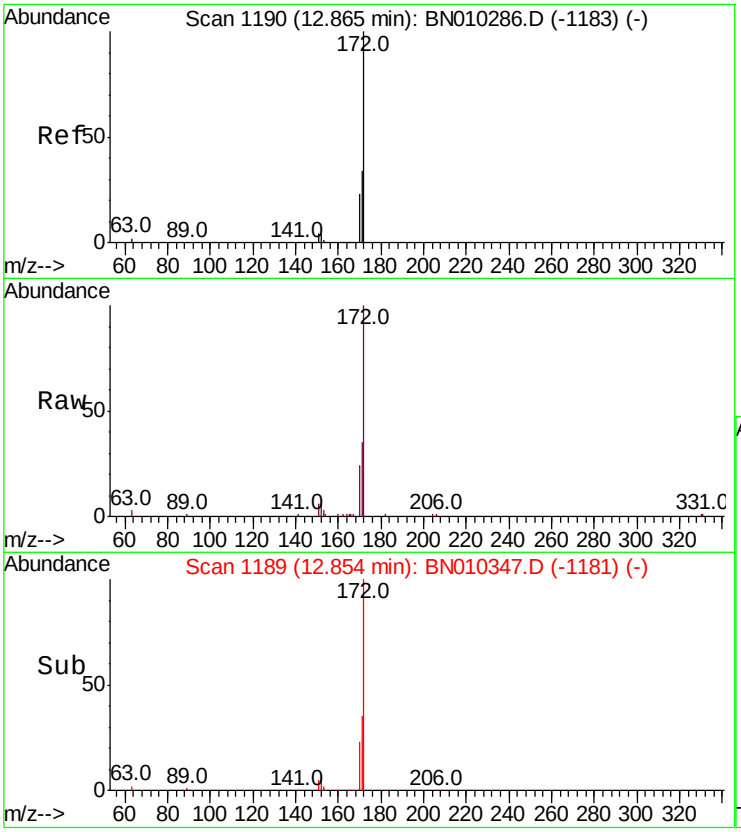


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:330 Resp: 1172

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.1	29.3	43.9



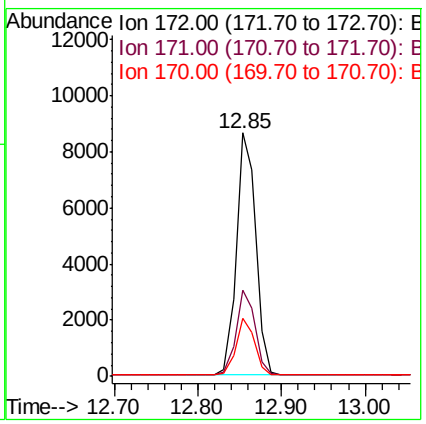


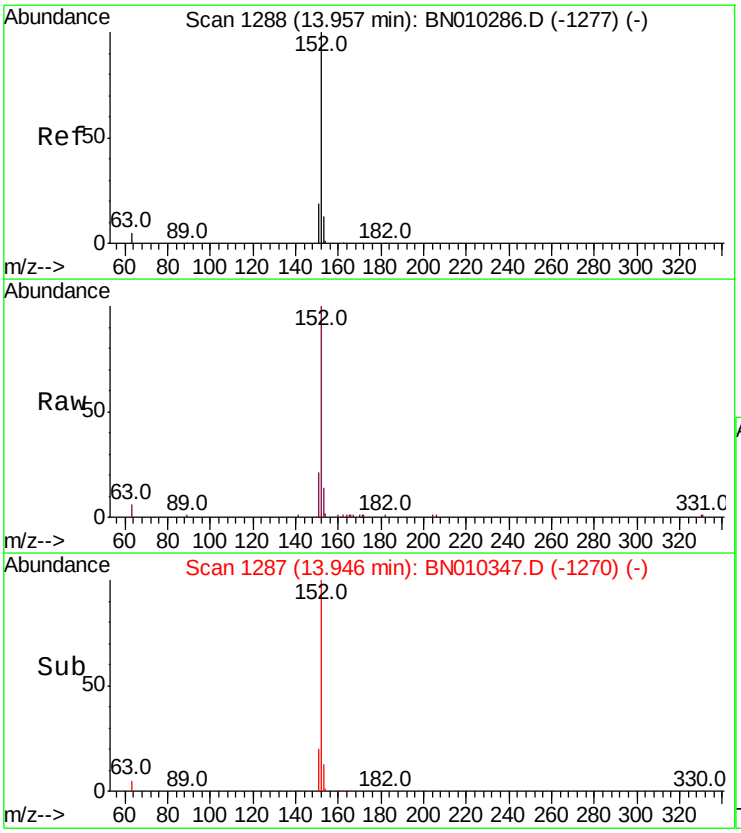
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13802

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.6	41.4
170	23.9	18.5	27.7

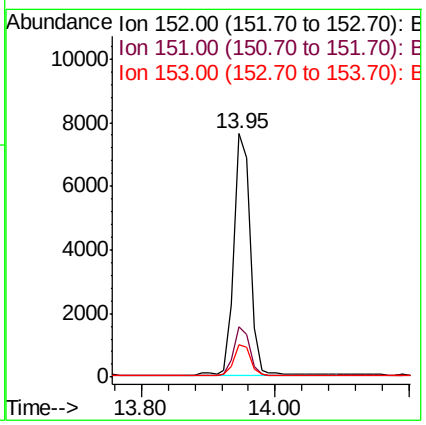


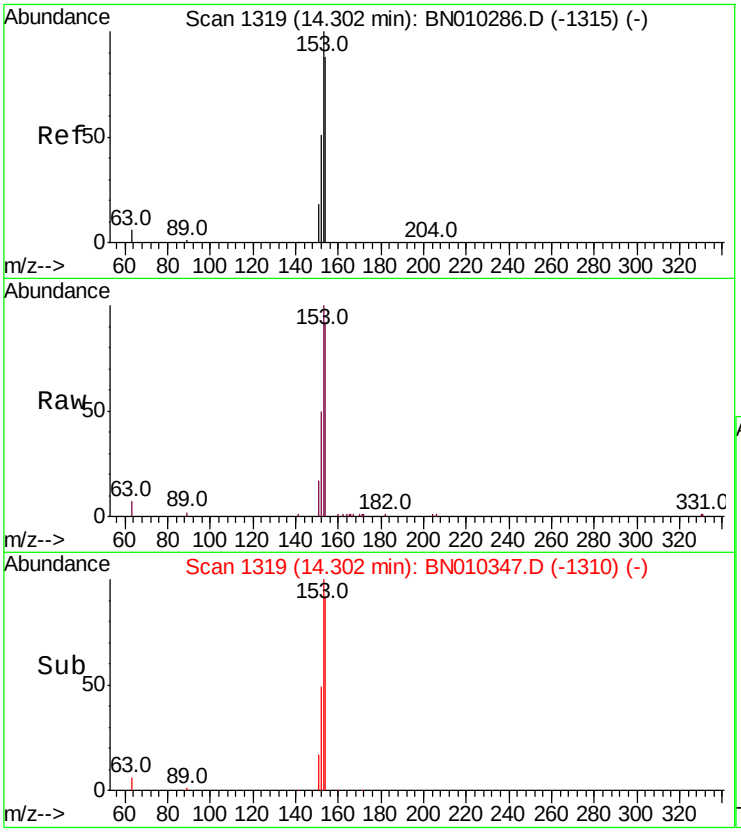


#16
Acenaphthylene
Concen: 0.370 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:152 Resp: 12797

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.1	10.6	15.8



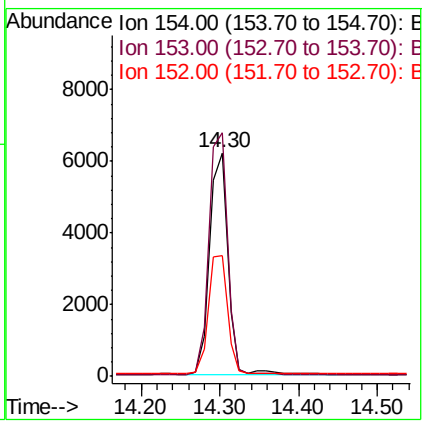


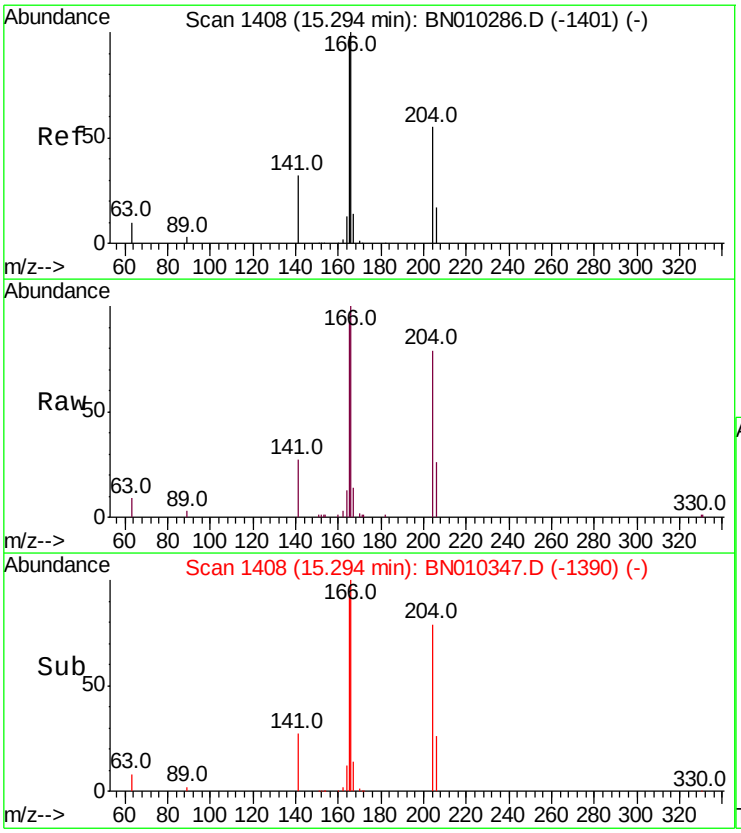
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.30 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10045

Ion	Ratio	Lower	Upper
154	100		
153	109.8	88.1	132.1
152	56.2	45.5	68.3

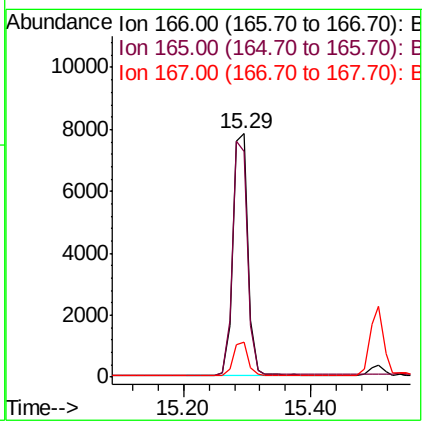


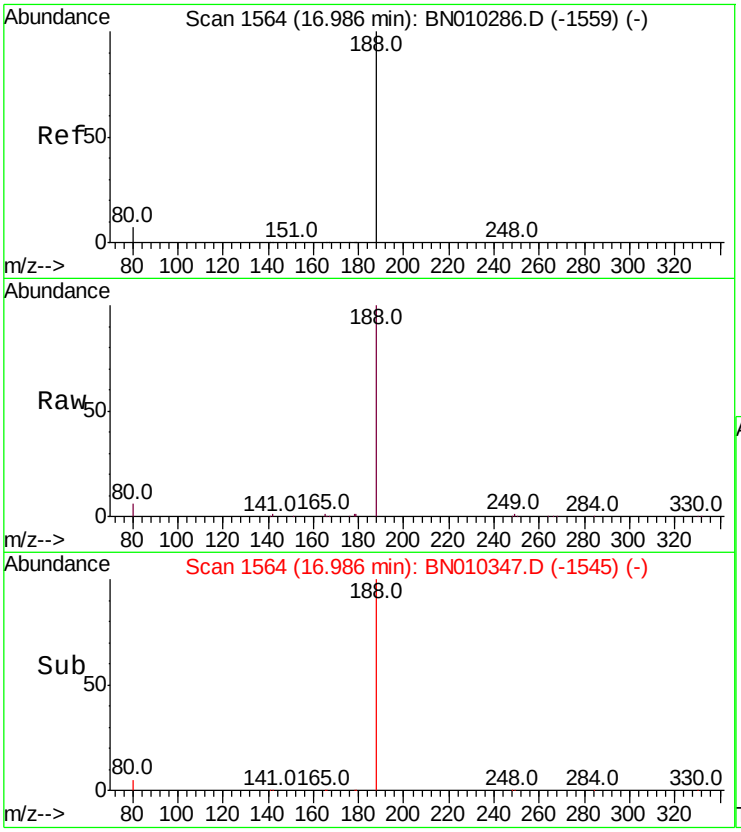


#18
Fluorene
Concen: 0.394 ng
RT: 15.29 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:166 Resp: 12899

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.7	118.1
167	13.4	11.0	16.4



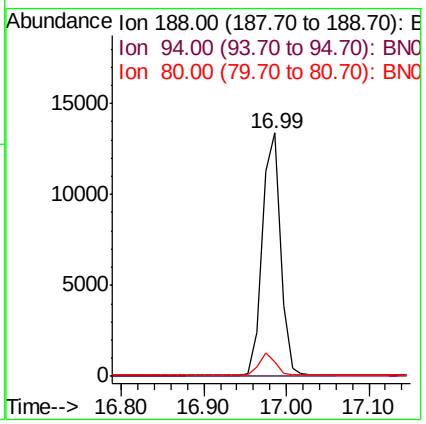


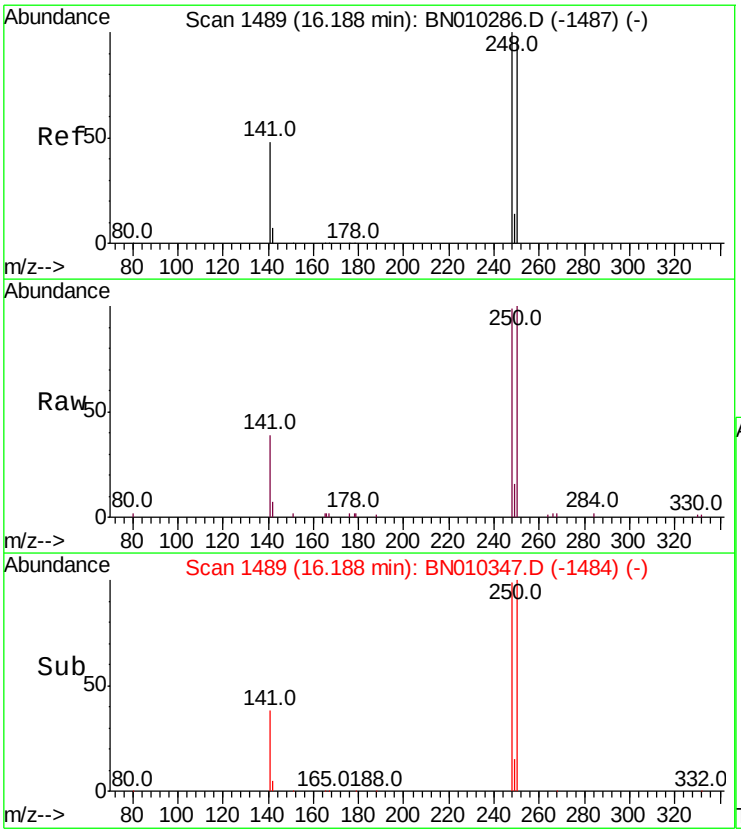
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 20195

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	6.0	9.0#

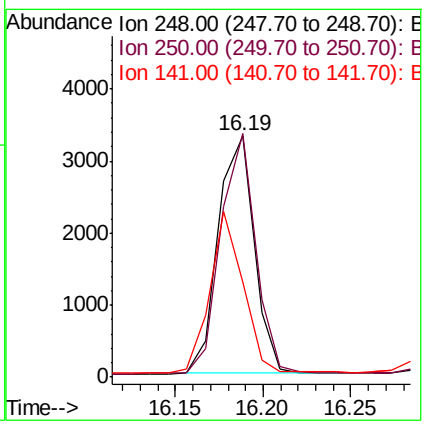


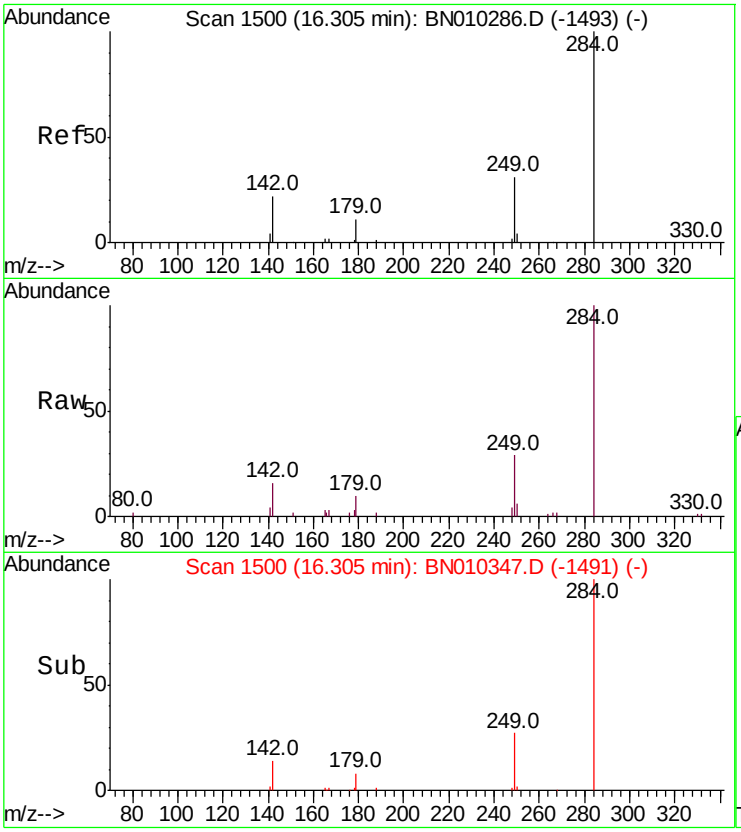


#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.19 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:248 Resp: 4671

Ion	Ratio	Lower	Upper
248	100		
250	100.9	76.8	115.2
141	39.5	44.4	66.6#



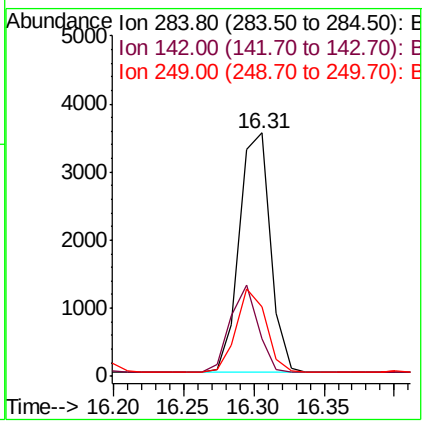


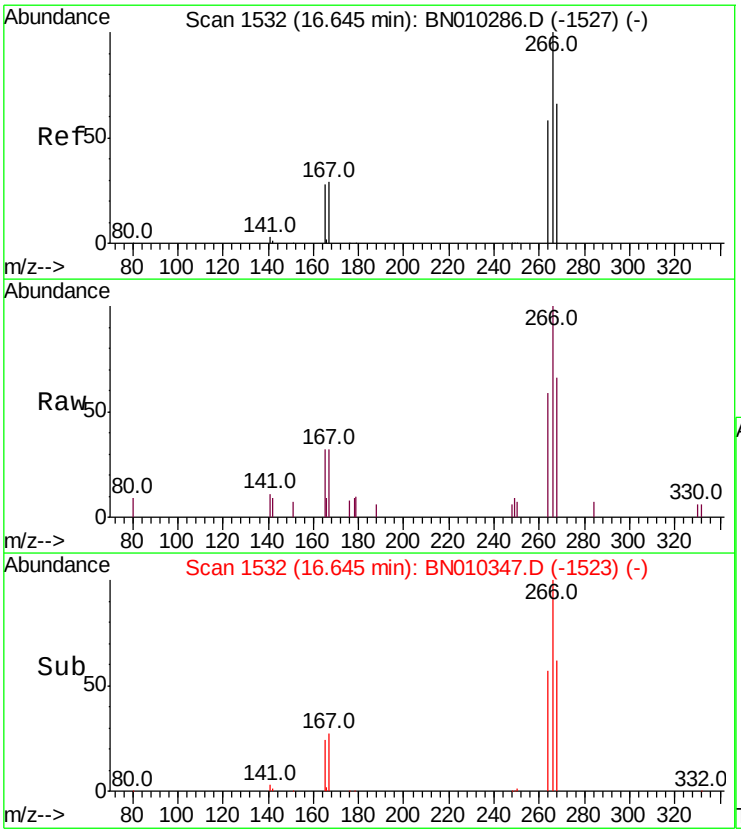
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5399

Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.4	41.2
249	33.4	26.5	39.7

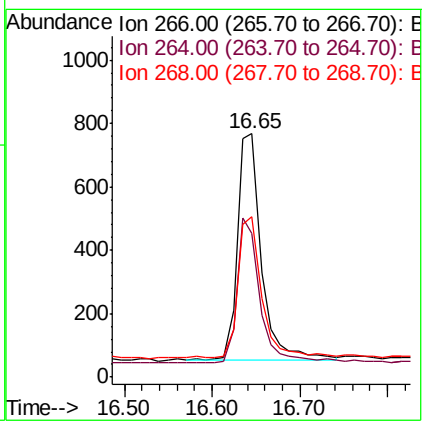


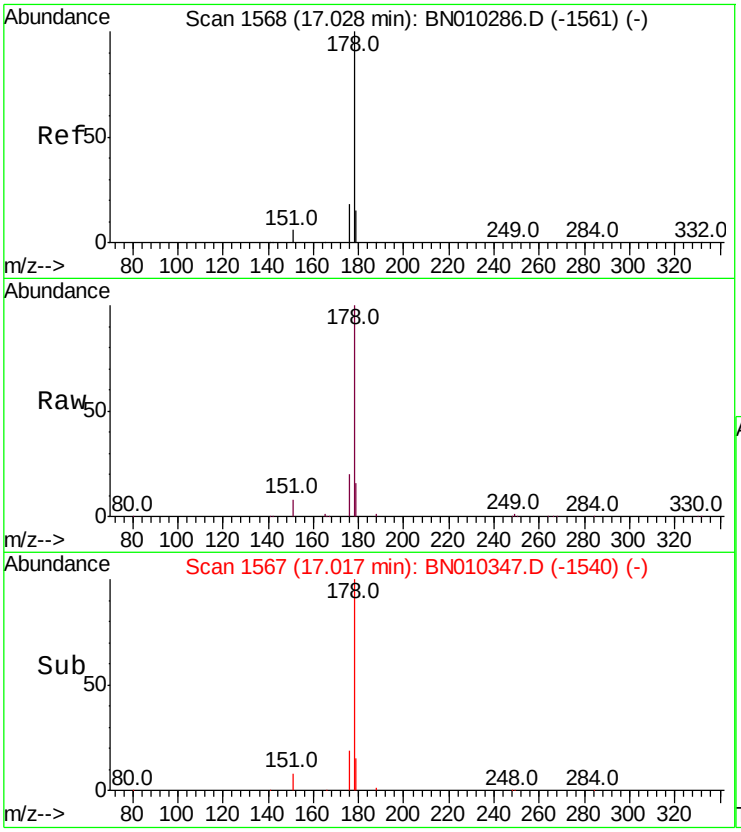


#22
Pentachlorophenol
Concen: 0.317 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:266 Resp: 1367

Ion	Ratio	Lower	Upper
266	100		
264	59.0	47.7	71.5
268	65.6	54.9	82.3



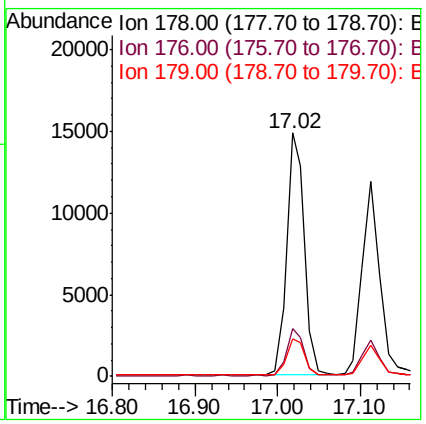


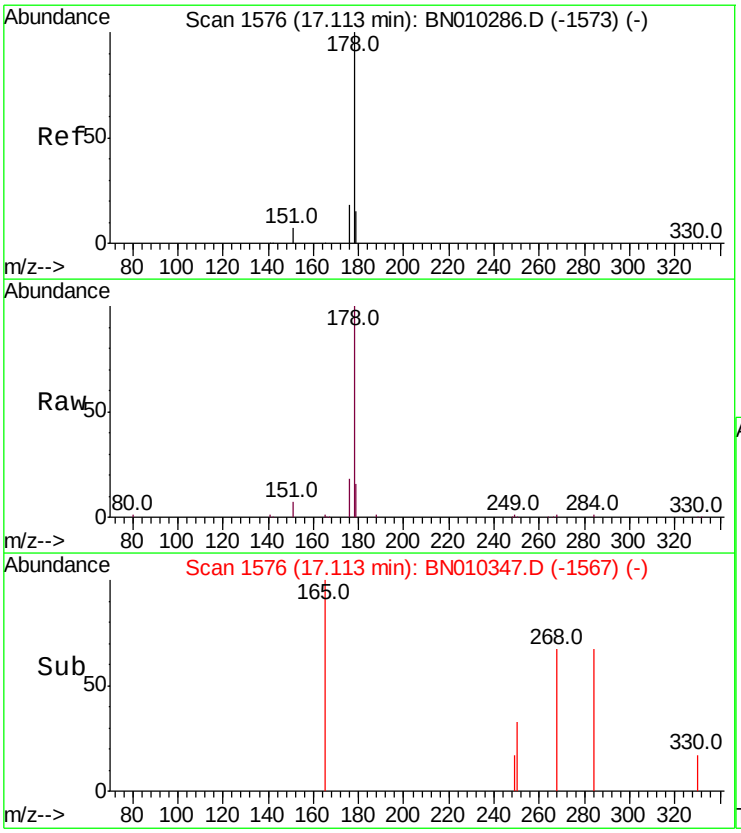
#23
Phenanthrene
Concen: 0.406 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 22521

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.4	12.4	18.6

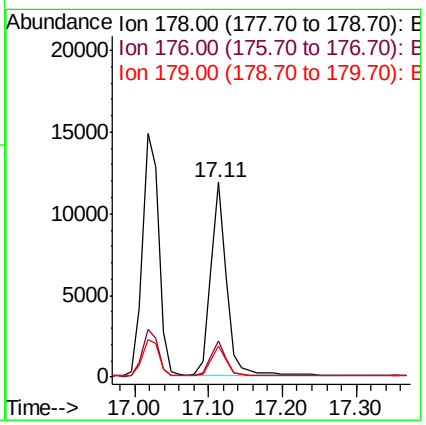


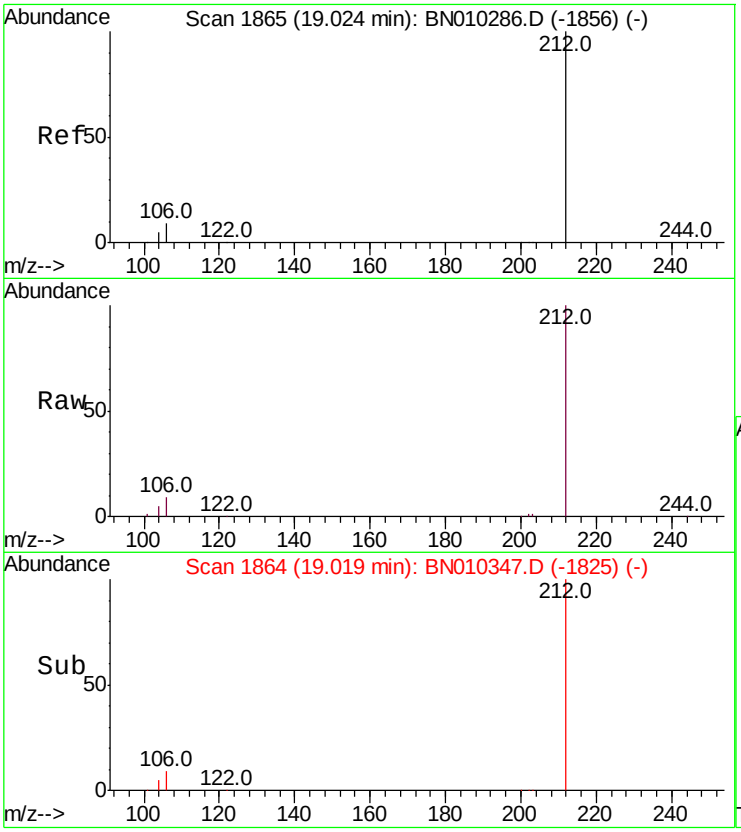


#24
Anthracene
Concen: 0.374 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:178 Resp: 17771

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.5	12.3	18.5



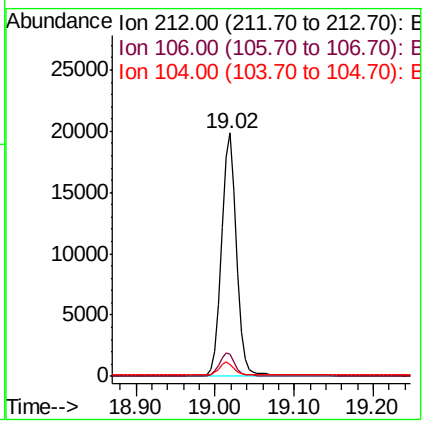


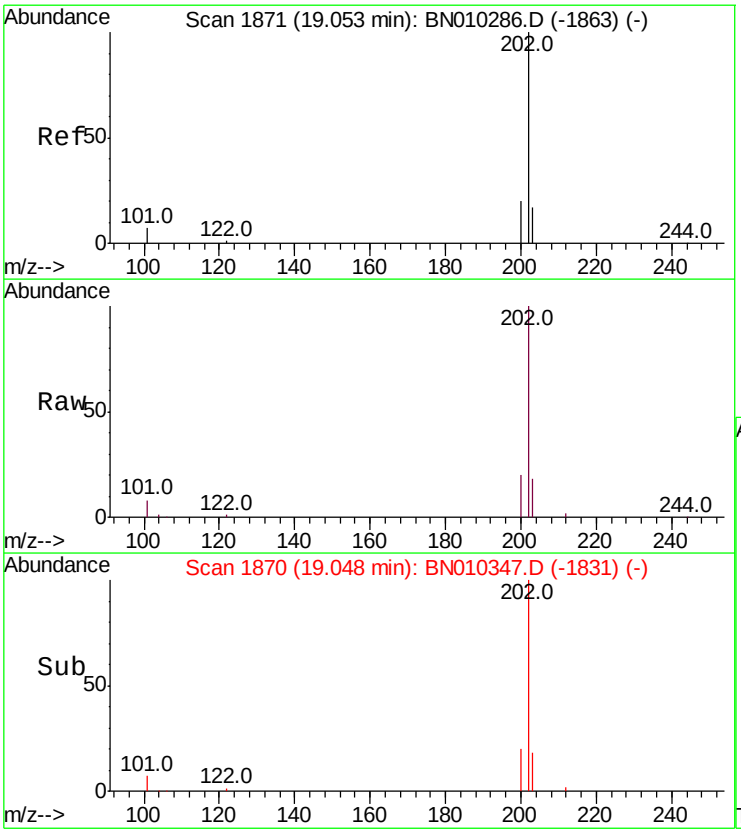
#25
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 26440

Ion	Ratio	Lower	Upper
212	100		
106	9.7	7.4	11.2
104	5.5	4.2	6.4

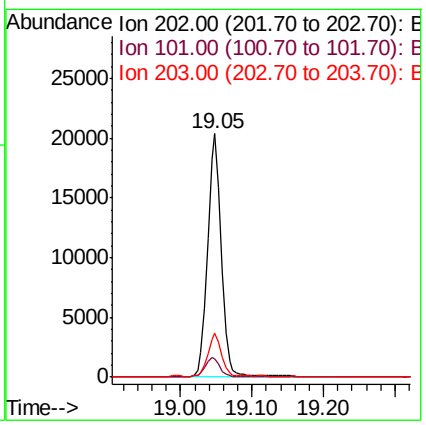


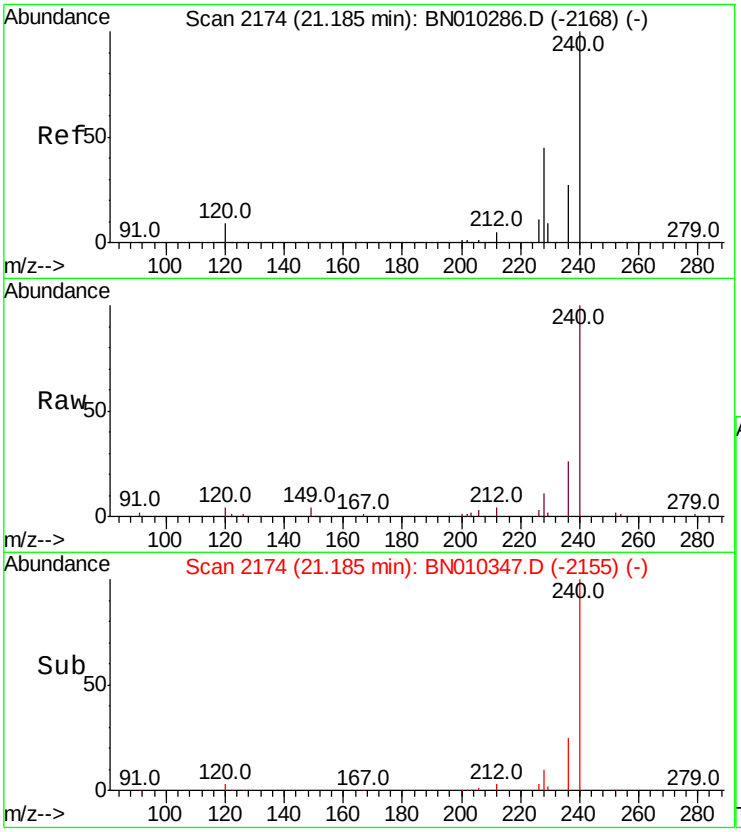


#26
Fluoranthene
Concen: 0.392 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:202 Resp: 26697

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



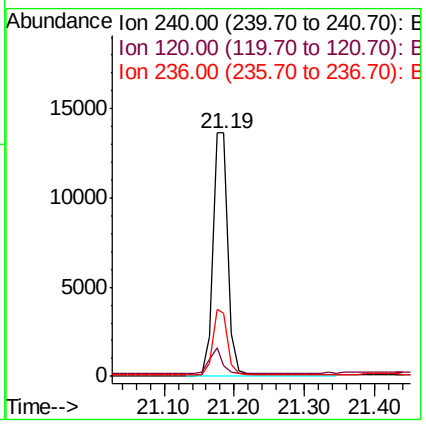


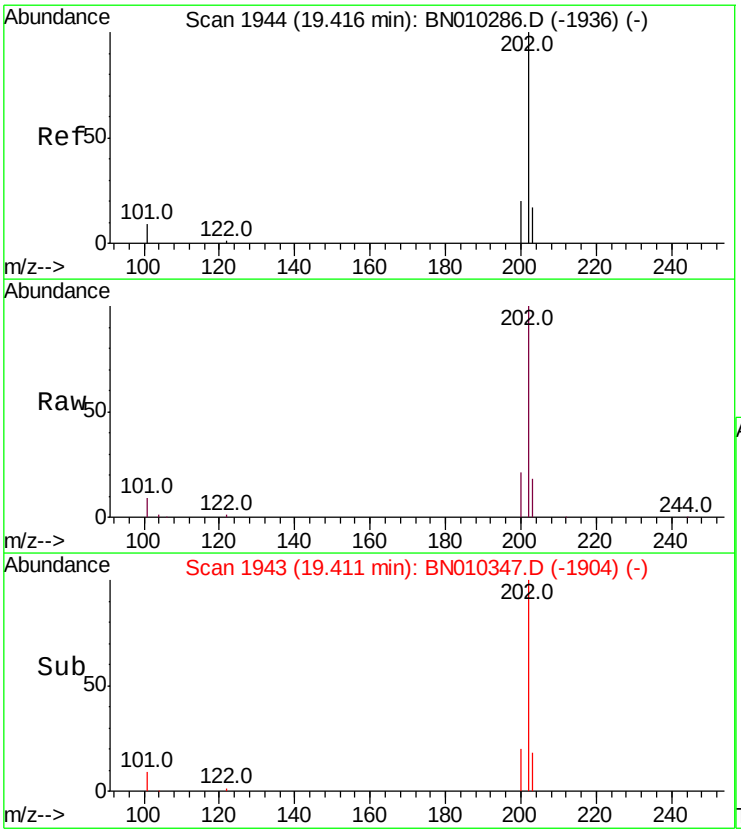
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 20721

Ion	Ratio	Lower	Upper
240	100		
120	4.5	7.9	11.9#
236	26.0	22.2	33.4

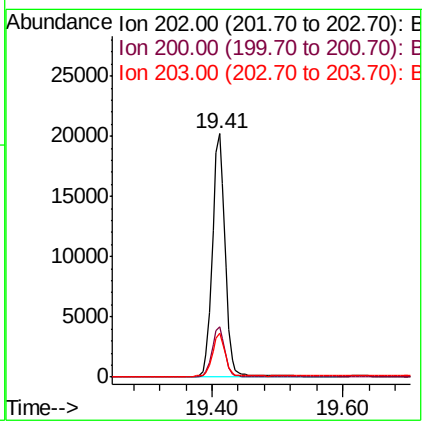


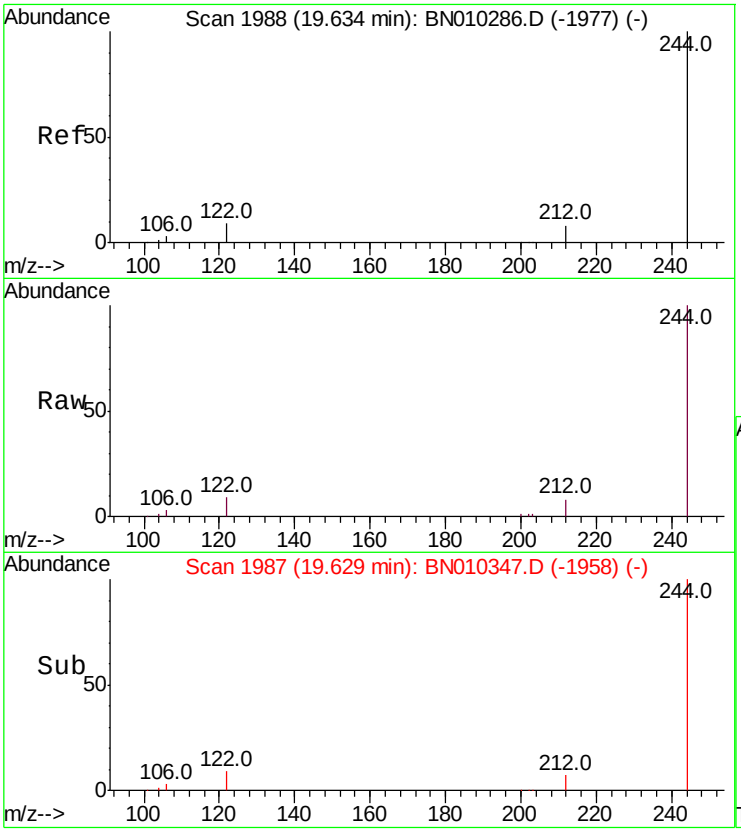


#28
Pyrene
Concen: 0.421 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:202 Resp: 27131

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.6	14.2	21.2



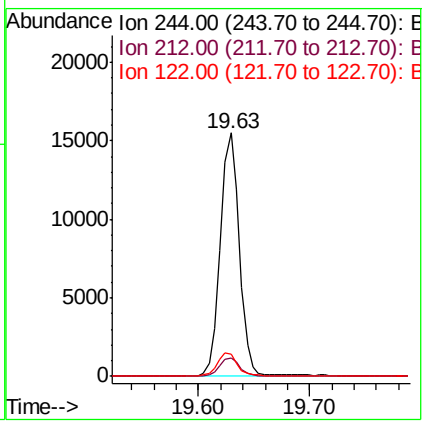


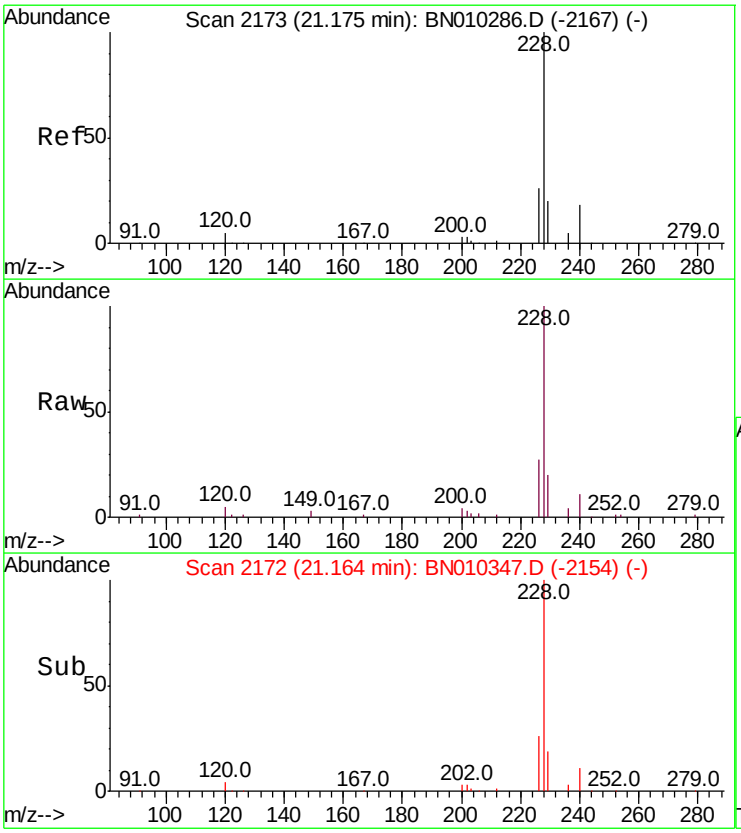
#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 18336

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	9.0	7.6	11.4

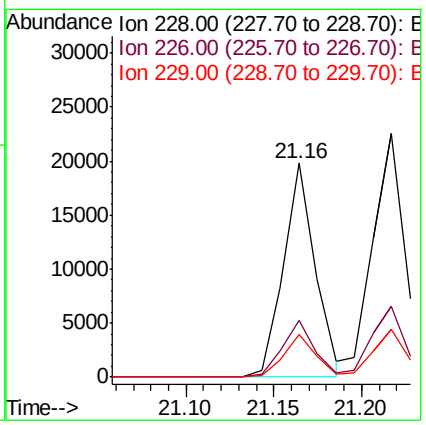


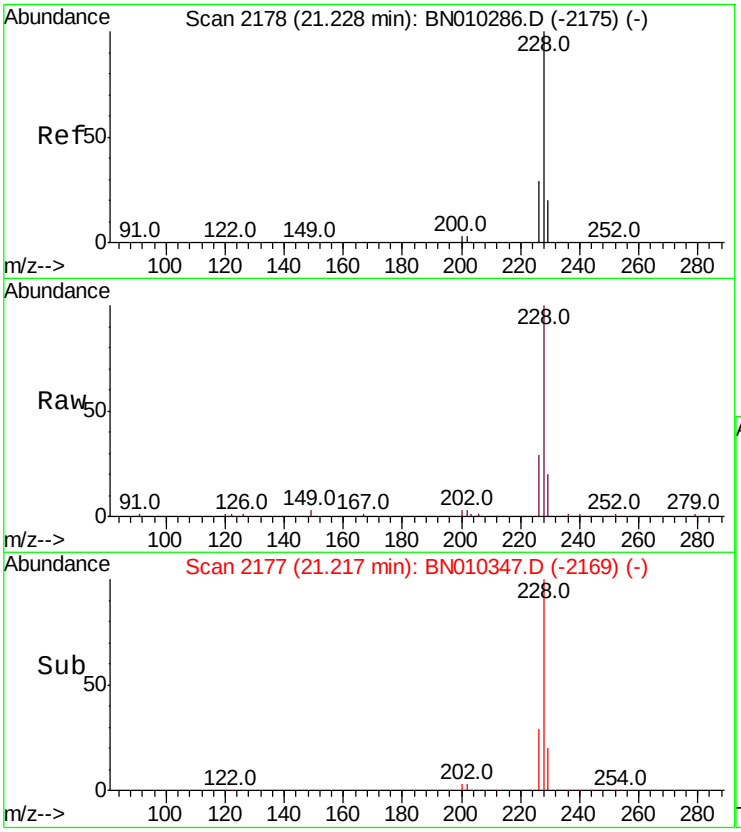


#30
Benzo(a)anthracene
Concen: 0.376 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:228 Resp: 24824

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.0	31.4
229	19.7	16.0	24.0



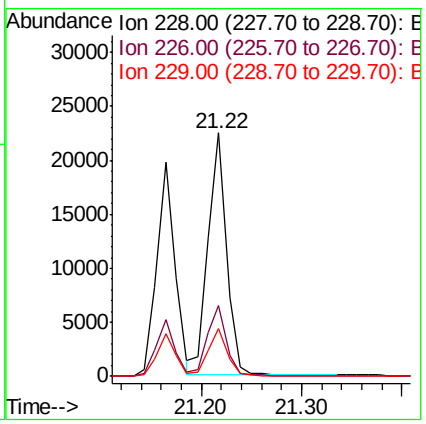


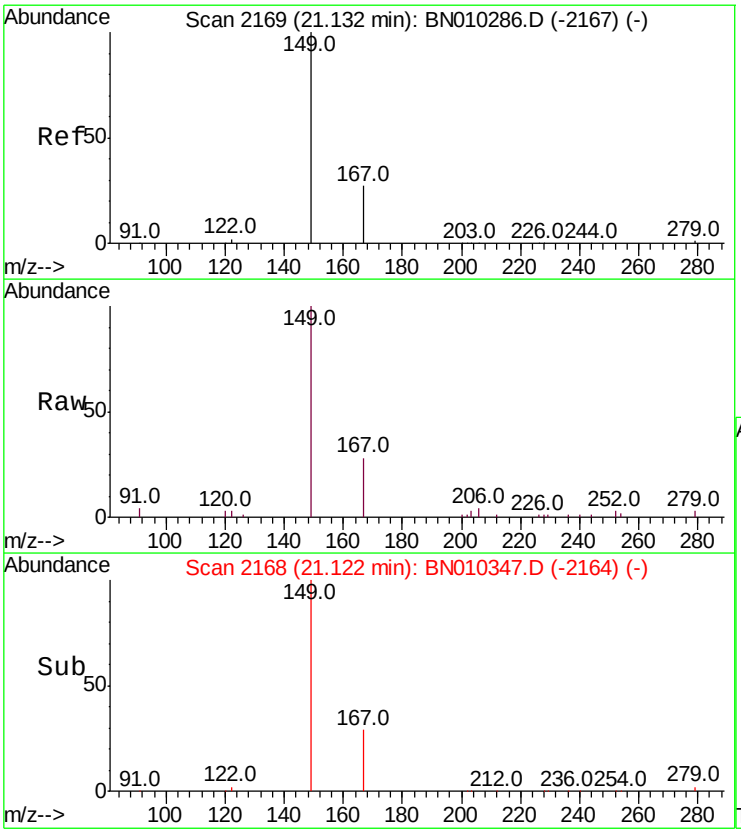
#31
Chrysene
Concen: 0.408 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 28890

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	19.8	16.0	24.0

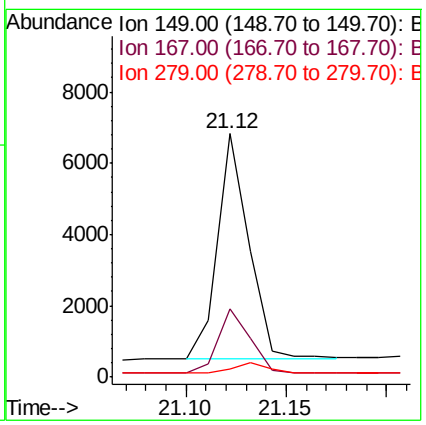


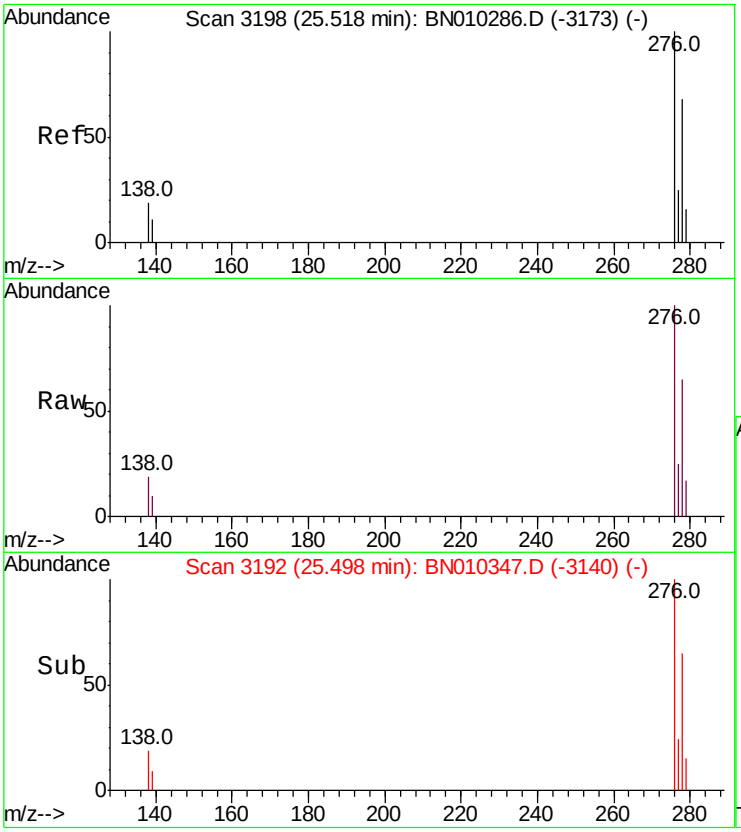


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.311 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:149 Resp: 6921

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.6
279	4.6	3.8	5.8



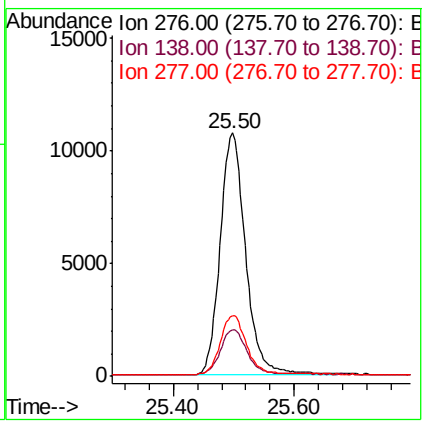


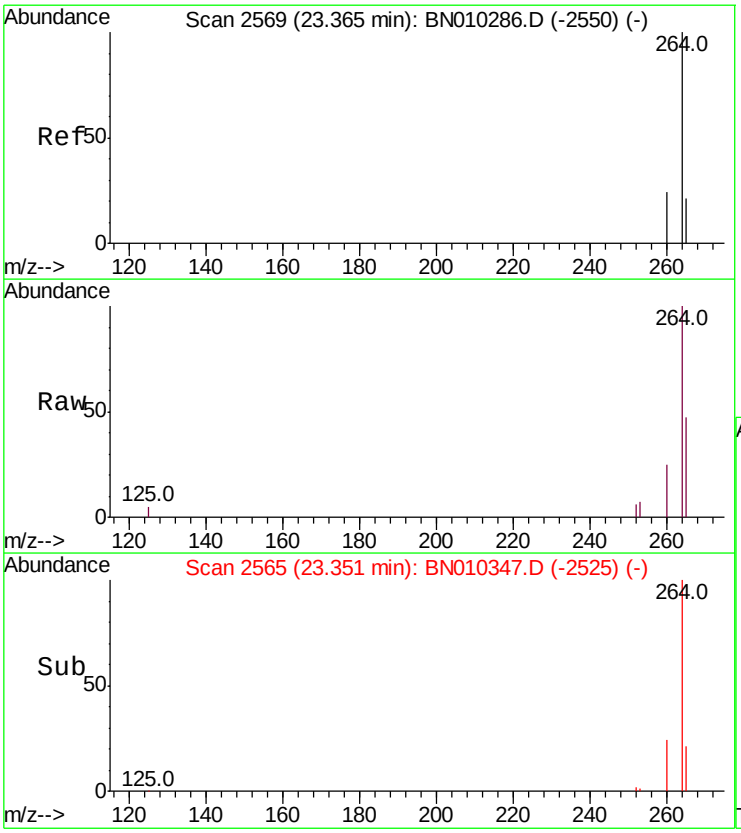
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng
RT: 25.50 min Scan# 3192
Delta R.T. -0.02 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 31630

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.6	23.4
277	24.9	20.1	30.1

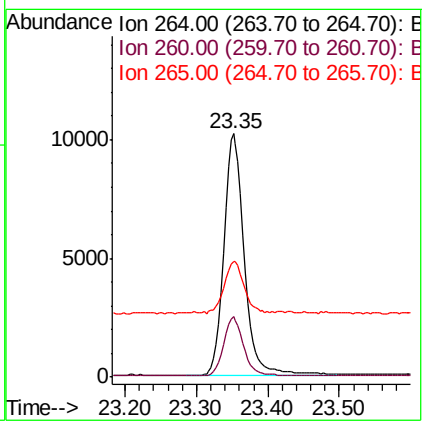


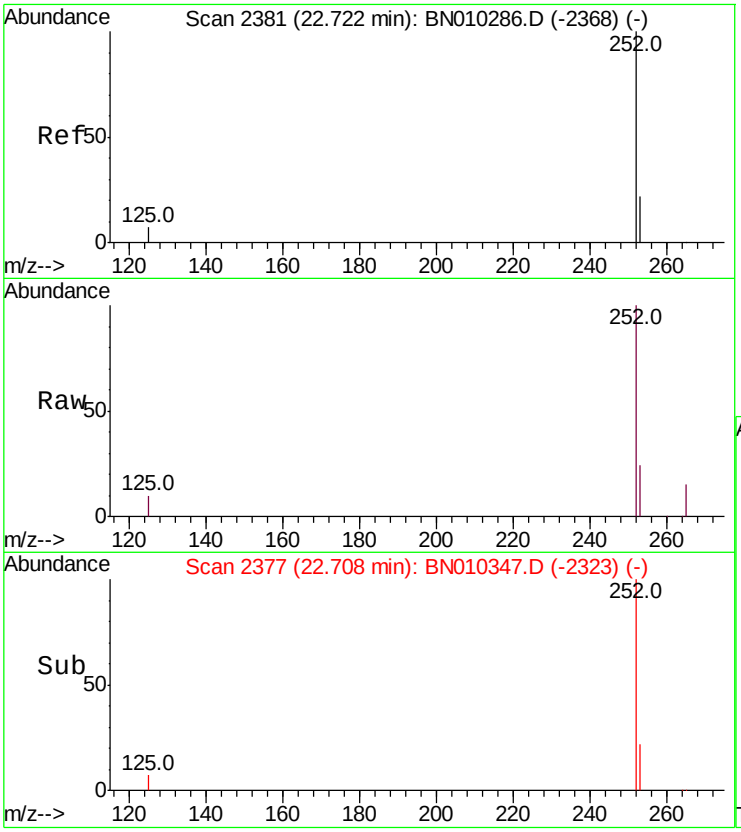


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:264 Resp: 20354

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	47.3	32.4	48.6



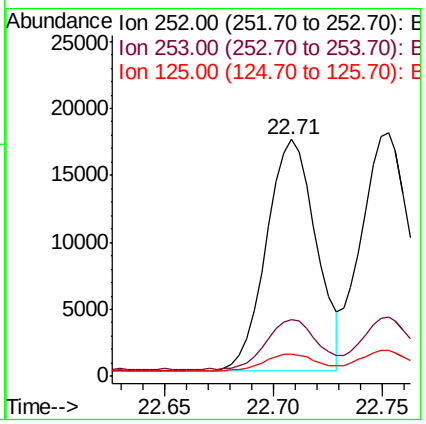


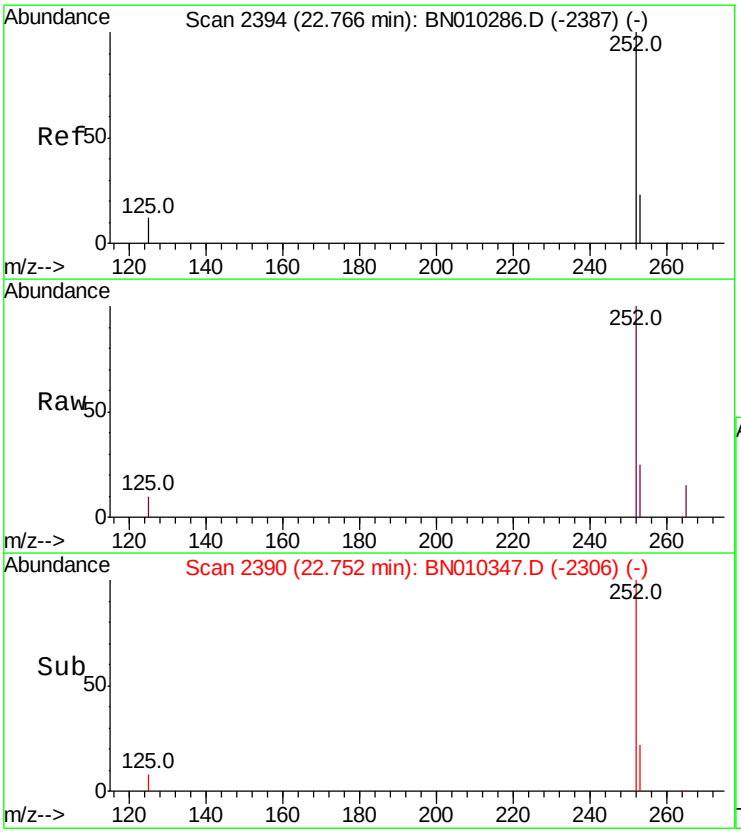
#35
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27495

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	9.5	7.4	11.0

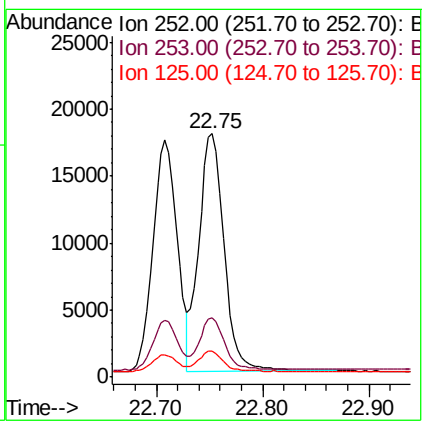


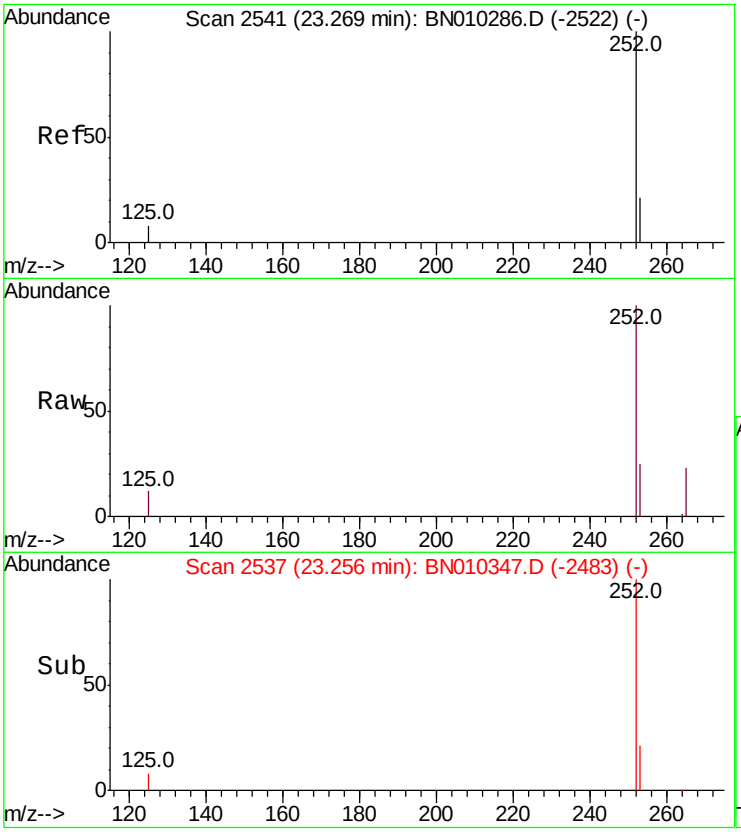


#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.75 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:252 Resp: 29223

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	10.5	10.2	15.2



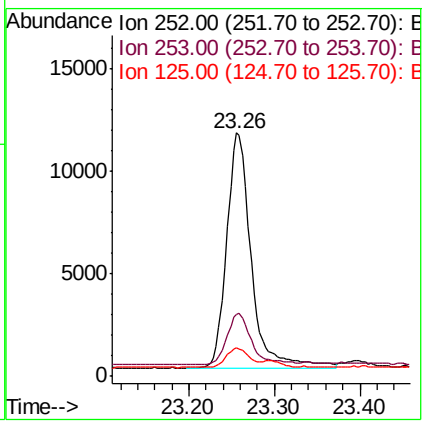


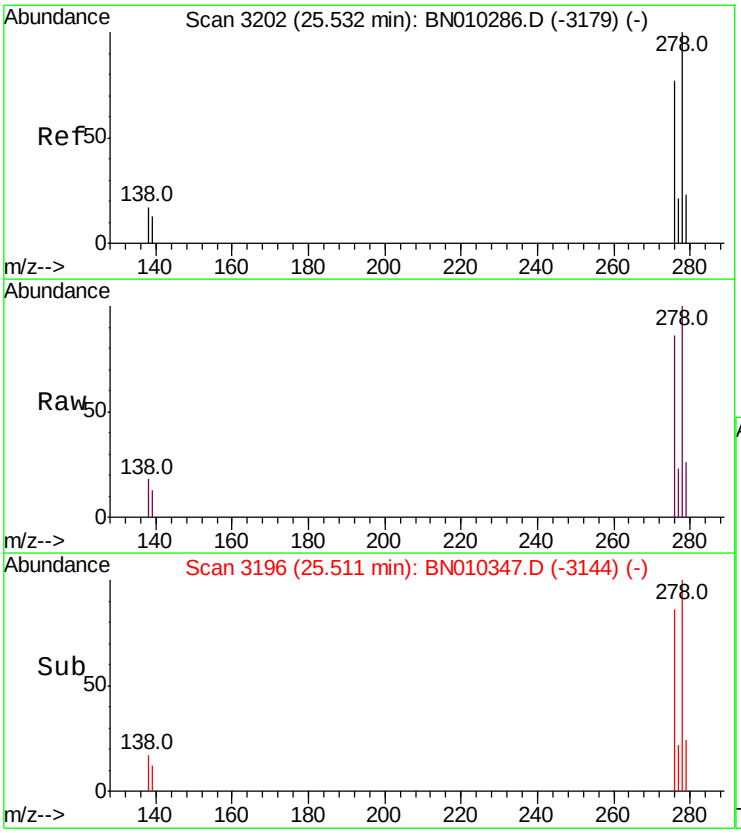
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23036

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.9	29.9
125	11.7	8.9	13.3

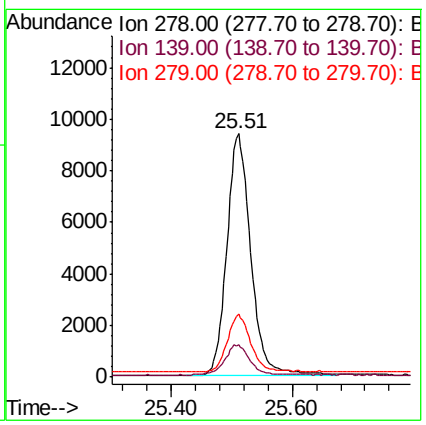


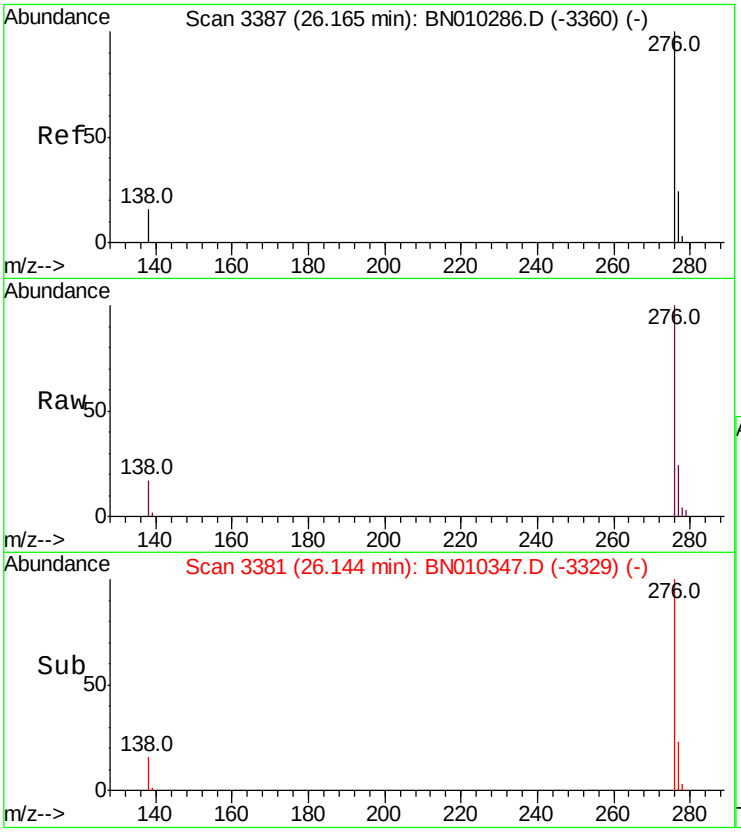


#38
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 25.51 min Scan# 3196
Delta R.T. -0.02 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Tgt Ion:278 Resp: 25798

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.6	16.0
279	25.7	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.413 ng
RT: 26.14 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BN010347.D
Acq: 25 Mar 2020 03:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 26230

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	17.0	13.3	19.9