Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
Data File : BN010325.D
Acq On : 24 Mar 2020 14:27
Operator : CG/JU
Sample : PB127689BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127724BS

Quant Time: Mar 24 15:03:03 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	4567	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	15061	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8152	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	18502	0.40	ng		0.00
27) Chrysene-d12	21.19	240	17787	0.40	ng		0.00
34) Perylene-d12	23.35	264	17086	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3039	0.34	ng		0.00
5) Phenol-d6	6.80	99	3680	0.33	ng		0.00
8) Nitrobenzene-d5	8.74	82	5210	0.54	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	9691	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	891	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	19038	0.61	ng		0.00
25) Fluoranthene-d10	19.02	212	15322	0.27	ng		0.00
29) Terphenyl-d14	19.63	244	19763	0.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	2153	0.502	ng	#	84
3) n-Nitrosodimethylamine	3.55	42	1341	0.370	ng	#	94
6) bis(2-Chloroethyl)ether	7.05	93	4100	0.380	ng		98
9) Naphthalene	10.42	128	14208	0.378	ng		99
10) Hexachlorobutadiene	10.73	225	3452	0.379	ng	#	98
12) 2-Methylnaphthalene	12.04	142	9465	0.364	ng		98
16) Acenaphthylene	13.96	152	11594	0.362	ng		99
17) Acenaphthene	14.30	154	8297	0.364	ng		97
18) Fluorene	15.29	166	10954	0.362	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	3877	0.345	ng		92
21) Hexachlorobenzene	16.31	284	4418	0.383	ng		100
22) Pentachlorophenol	16.65	266	3045	0.772	ng		97
23) Phenanthrene	17.03	178	18973	0.373	ng		100
24) Anthracene	17.11	178	15329	0.353	ng		99
26) Fluoranthene	19.05	202	22081	0.354	ng		100
28) Pyrene	19.41	202	21972	0.397	ng		100
30) Benzo(a)anthracene	21.16	228	20059	0.354	ng		98
31) Chrysene	21.22	228	23828	0.392	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	5265	0.275	ng		98
33) Indeno(1,2,3-cd)pyrene	25.50	276	25985	0.399	ng		99
35) Benzo(b)fluoranthene	22.71	252	22798	0.393	ng		98
36) Benzo(k)fluoranthene	22.75	252	23628	0.400	ng	#	97
37) Benzo(a)pyrene	23.26	252	18561	0.379	ng		98
38) Dibenzo(a,h)anthracene	25.51	278	21789	0.411	ng		98
39) Benzo(g,h,i)perylene	26.15	276	23336	0.438	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
Data File : BN010325.D
Acq On : 24 Mar 2020 14:27
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Misc :
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Instrument :
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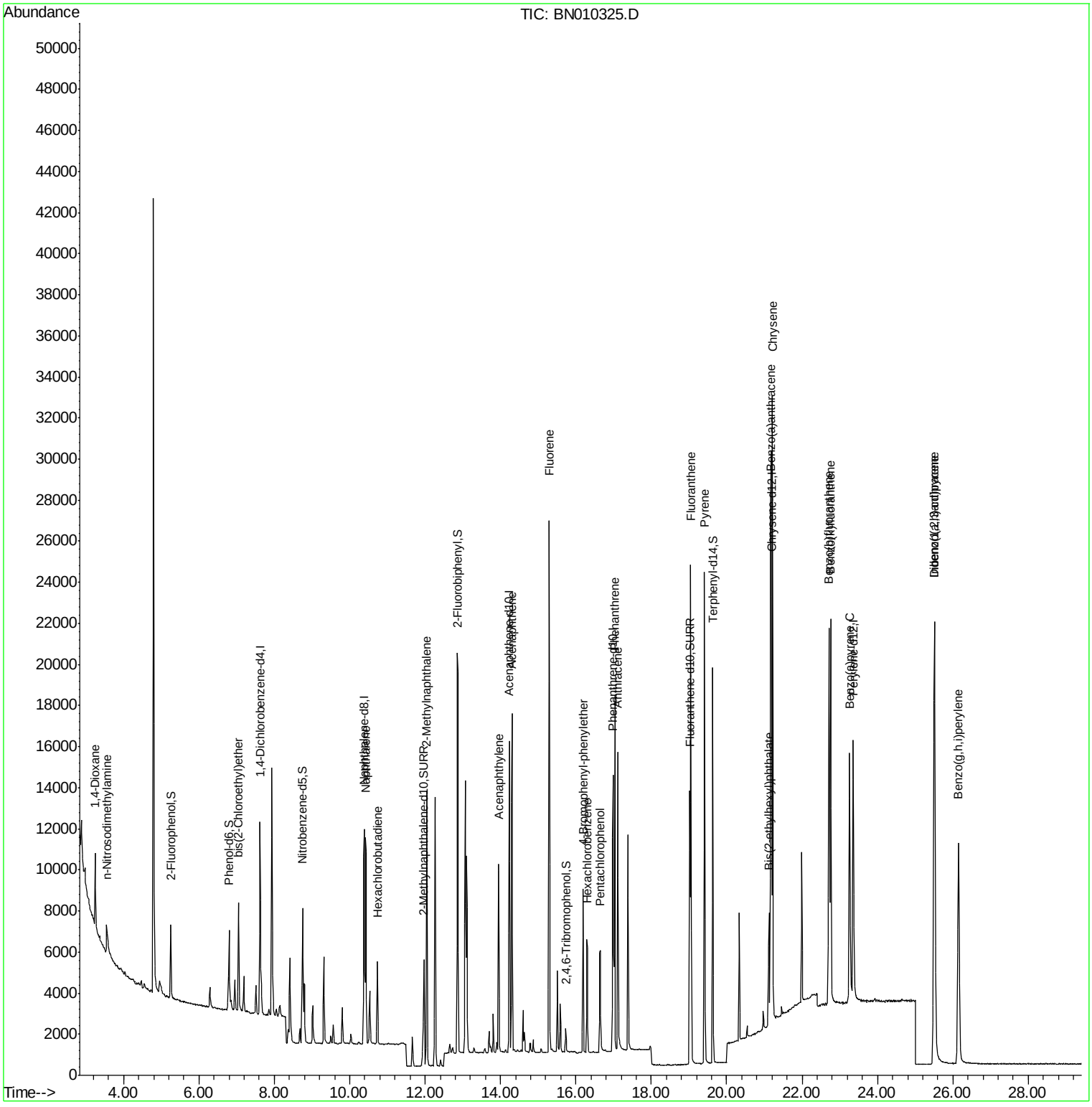
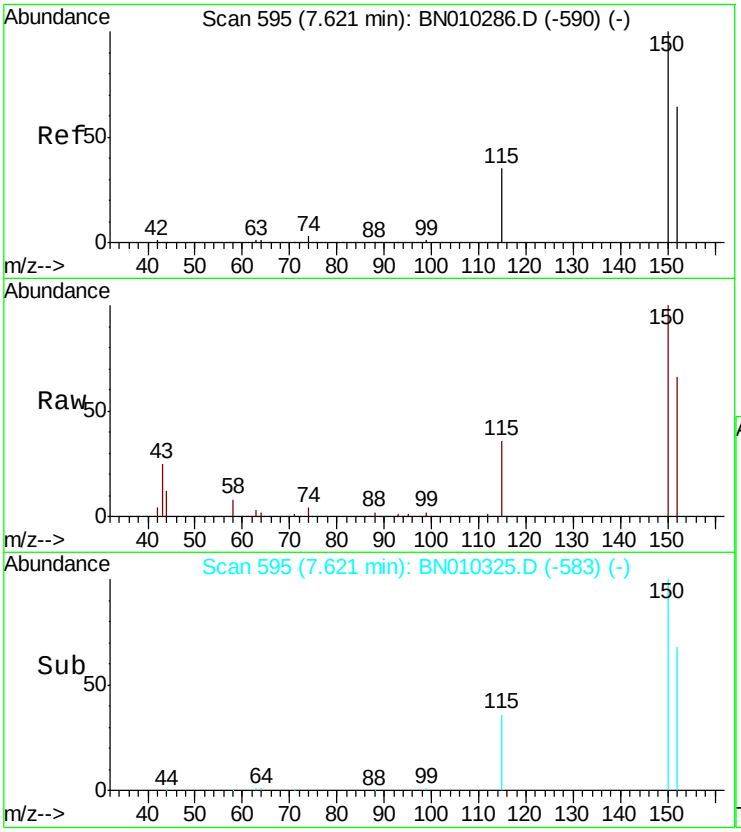
ClientSampleId :
PB127724BS

Quant Time: Mar 24 15:03:03 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



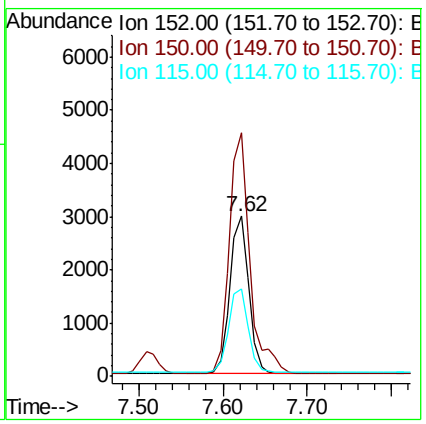


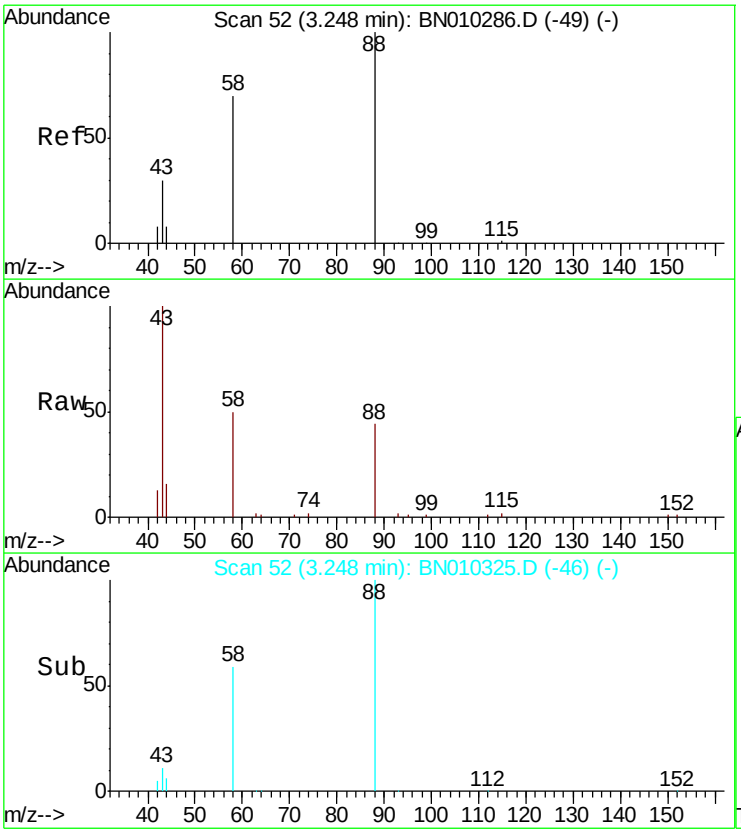
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:152 Resp: 4567

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.1	184.7
115	54.7	45.2	67.8

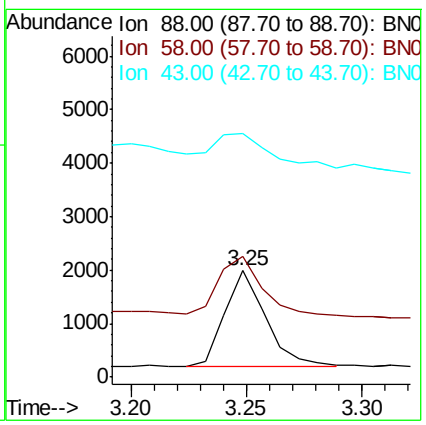


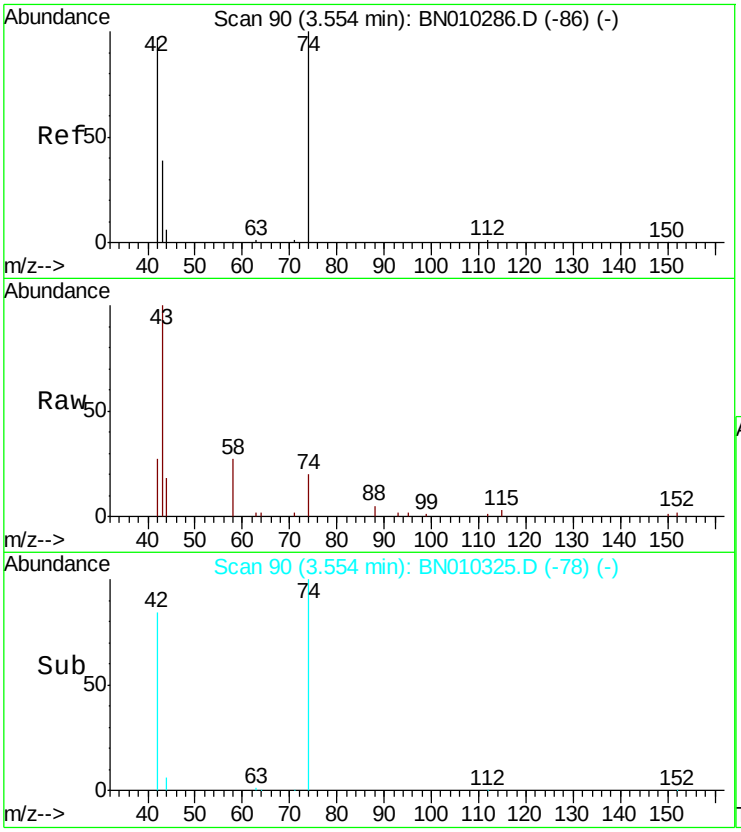


#2
1,4-Dioxane
Concen: 0.502 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion: 88 Resp: 2153

Ion	Ratio	Lower	Upper
88	100		
58	66.5	51.7	77.5
43	52.7	21.2	31.8#



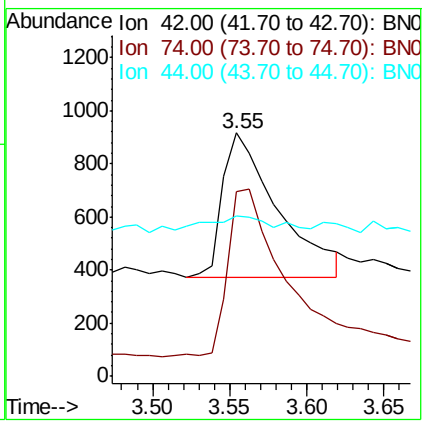


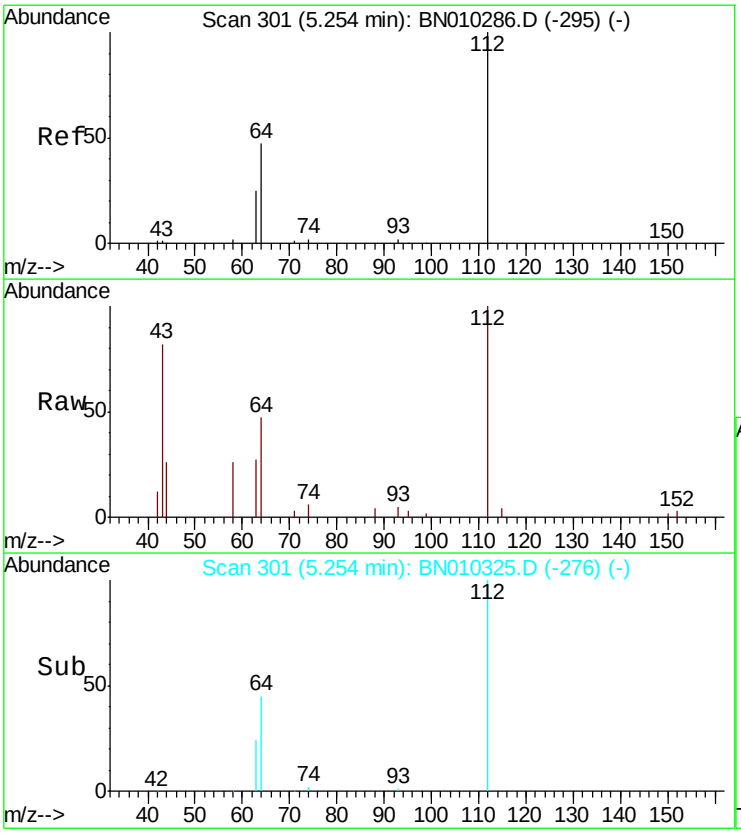
#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion: 42 Resp: 1341

Ion	Ratio	Lower	Upper
42	100		
74	118.4	99.4	149.0
44	16.1	4.8	7.2#

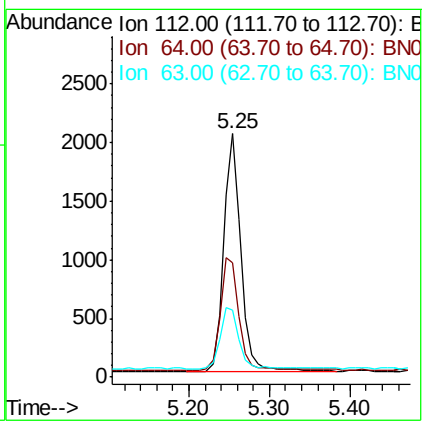


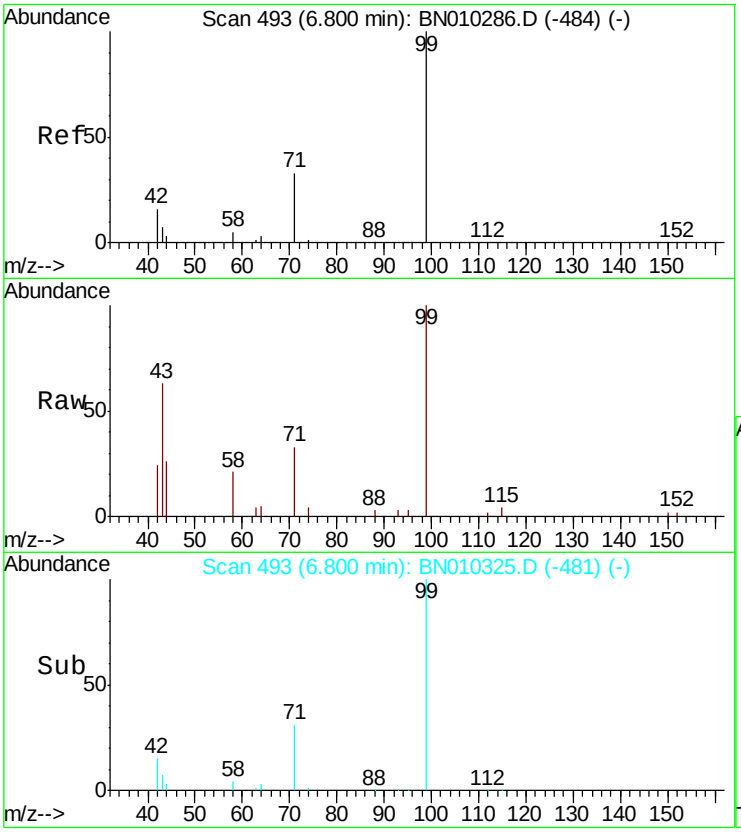


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:112 Resp: 3039

Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.4	62.2
63	28.0	22.9	34.3



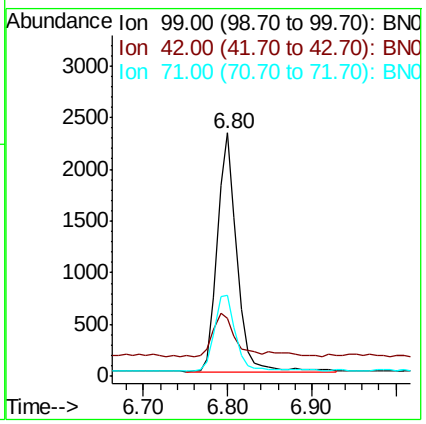


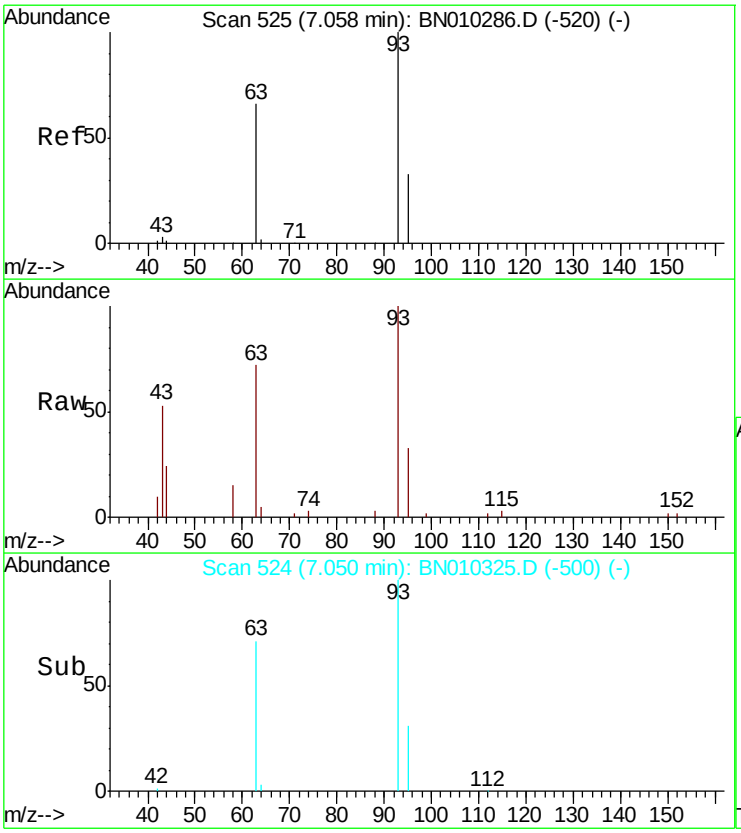
#5
Phenol-d6
Concen: 0.327 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion: 99 Resp: 3680

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.8	22.2
71	34.2	27.3	40.9

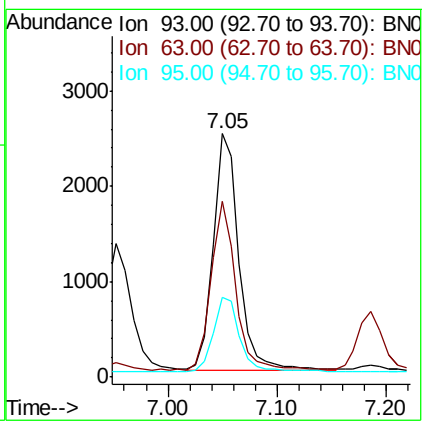


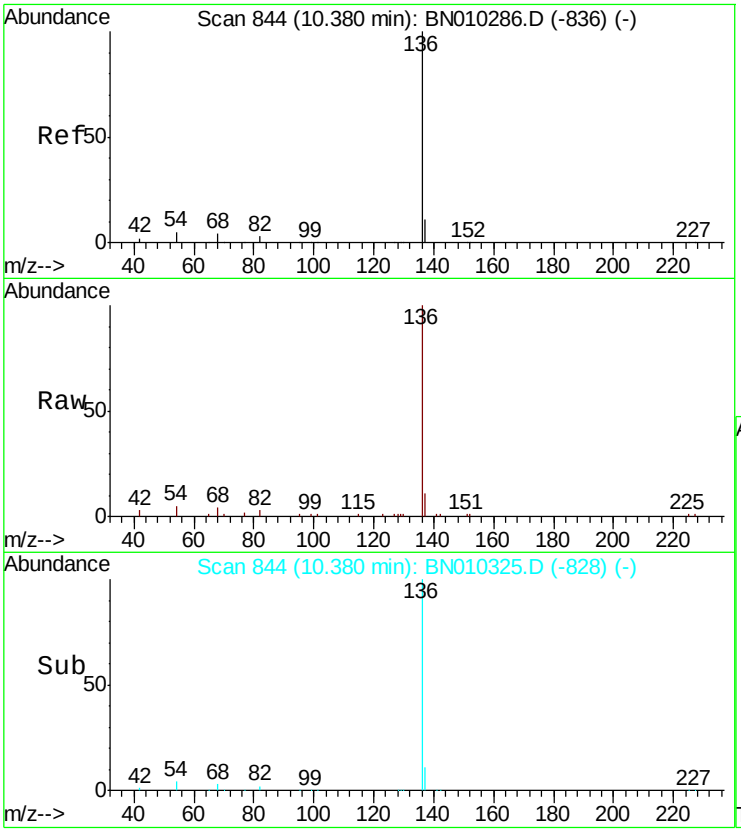


#6
bis(2-Chloroethyl)ether
Concen: 0.380 ng
RT: 7.05 min Scan# 524
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion: 93 Resp: 4100

Ion	Ratio	Lower	Upper
93	100		
63	67.7	55.6	83.4
95	32.6	26.2	39.4



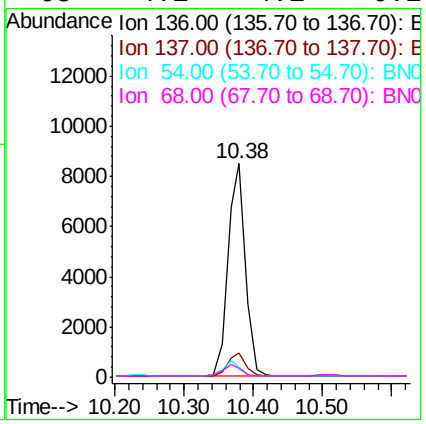


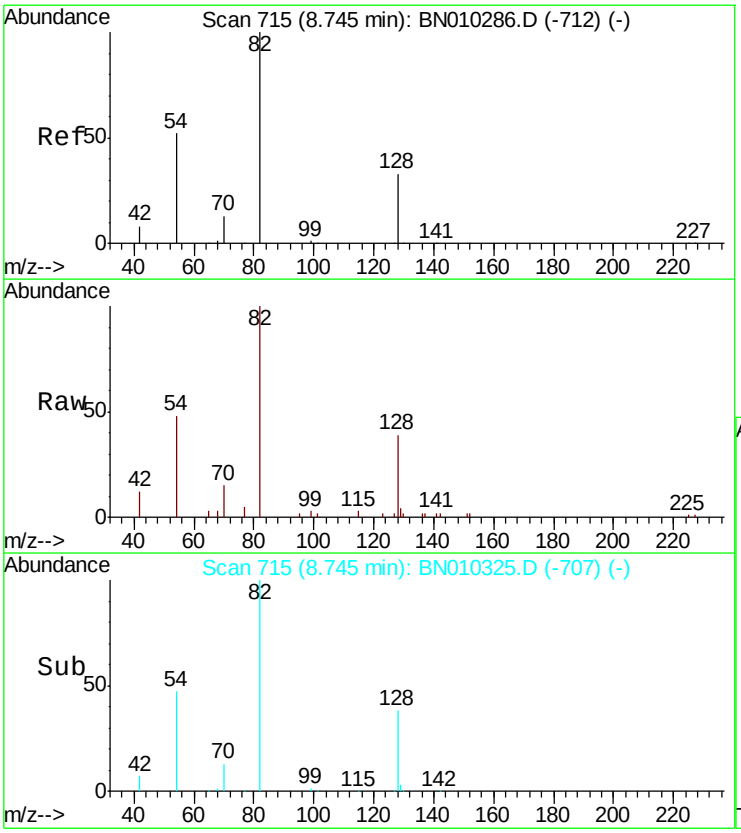
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:136 Resp: 15061

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

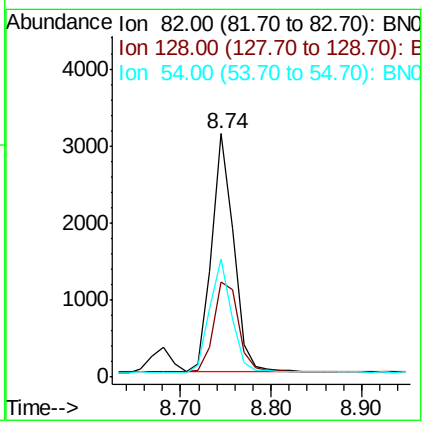


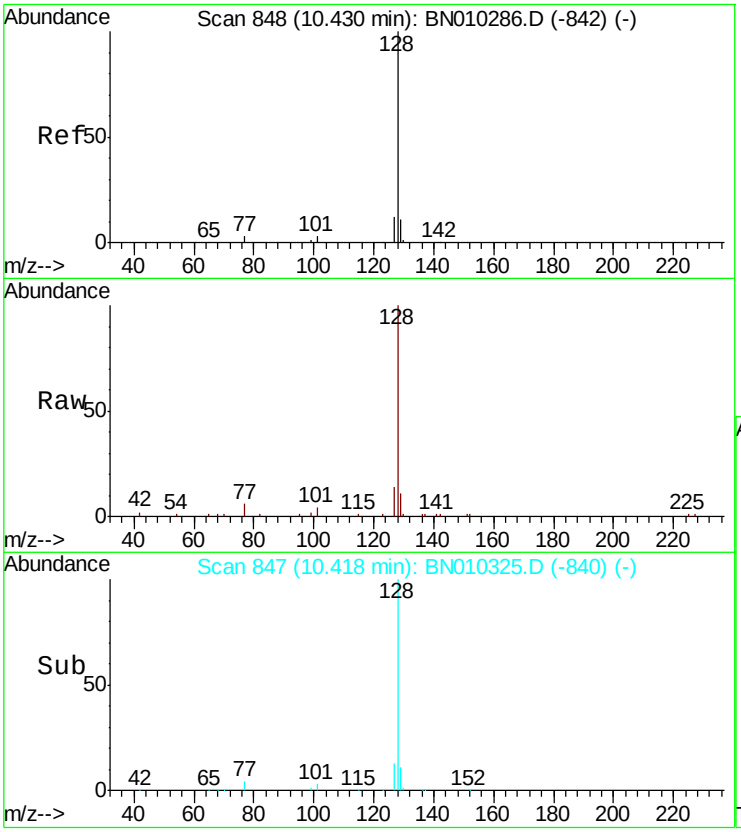


#8
Nitrobenzene-d5
Concen: 0.540 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion: 82 Resp: 5210

Ion	Ratio	Lower	Upper
82	100		
128	39.1	28.8	43.2
54	48.3	42.1	63.1



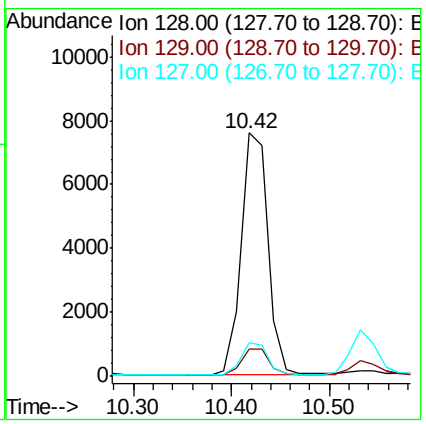


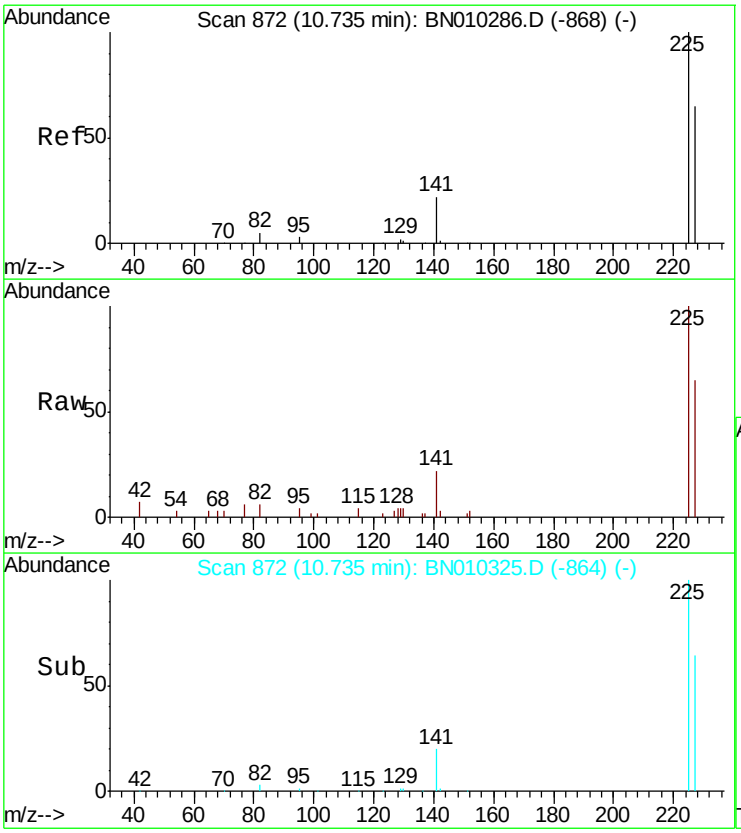
#9
Naphthalene
Concen: 0.378 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:128 Resp: 14208

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	14.0	10.4	15.6

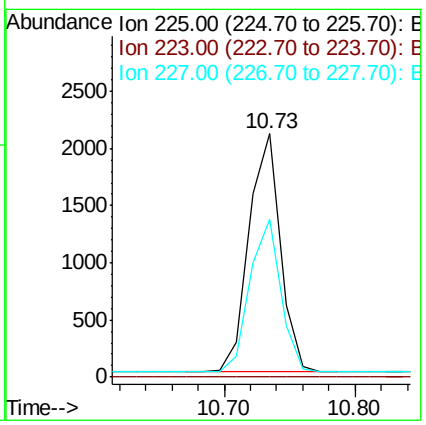


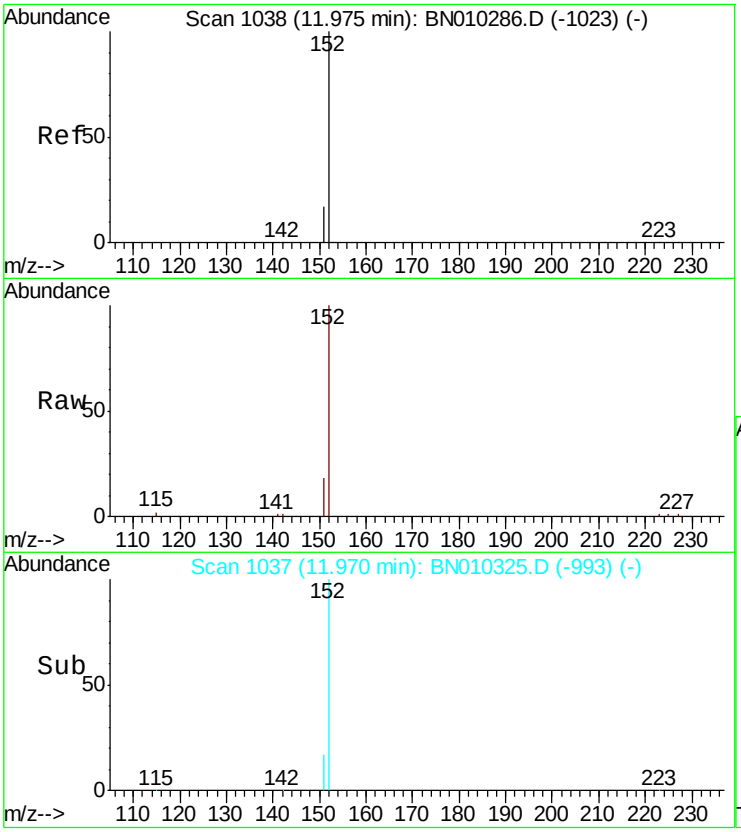


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:225 Resp: 3452

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.9	77.9



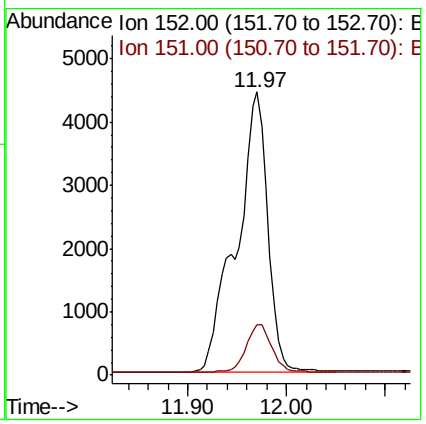


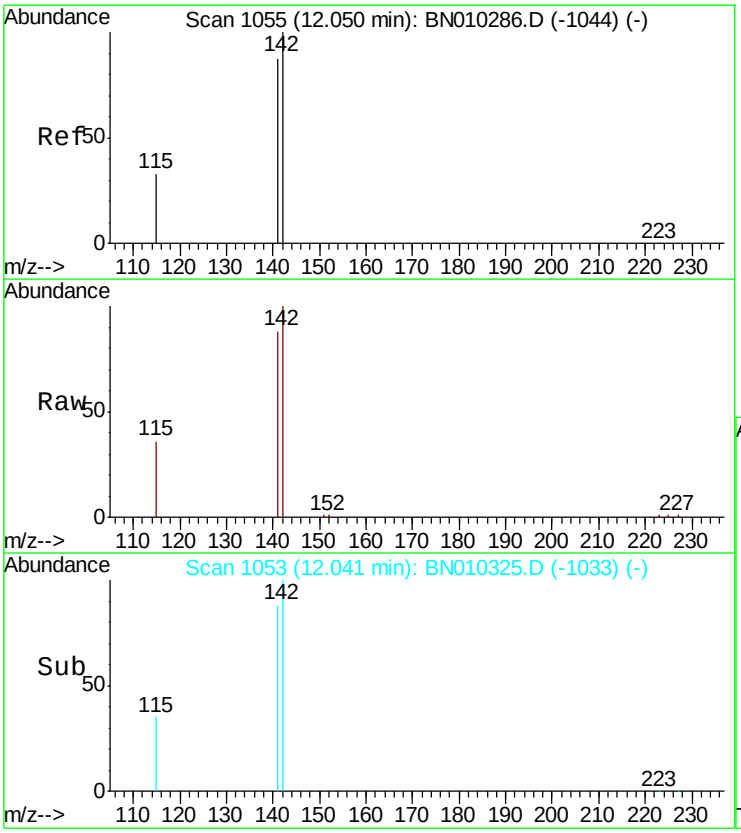
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:152 Resp: 9691

Ion	Ratio	Lower	Upper
152	100		
151	14.0	15.4	23.2#

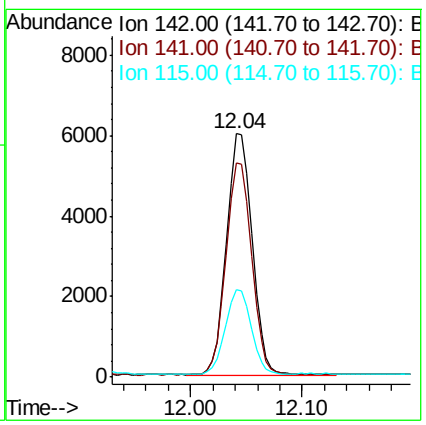


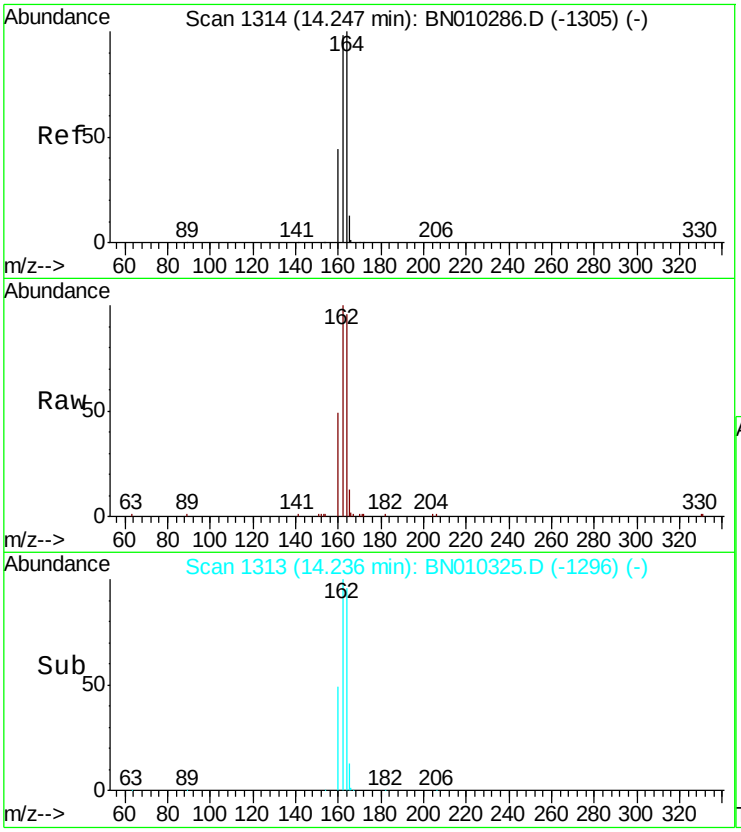


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:142 Resp: 9465

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.5	104.3
115	36.0	27.5	41.3



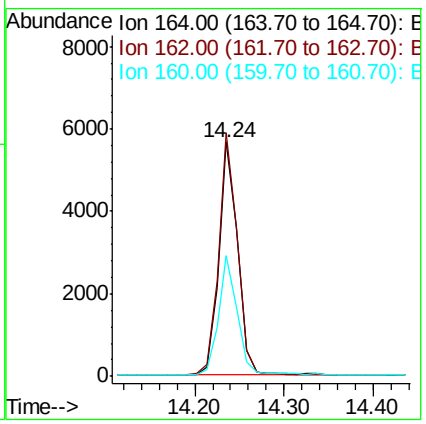


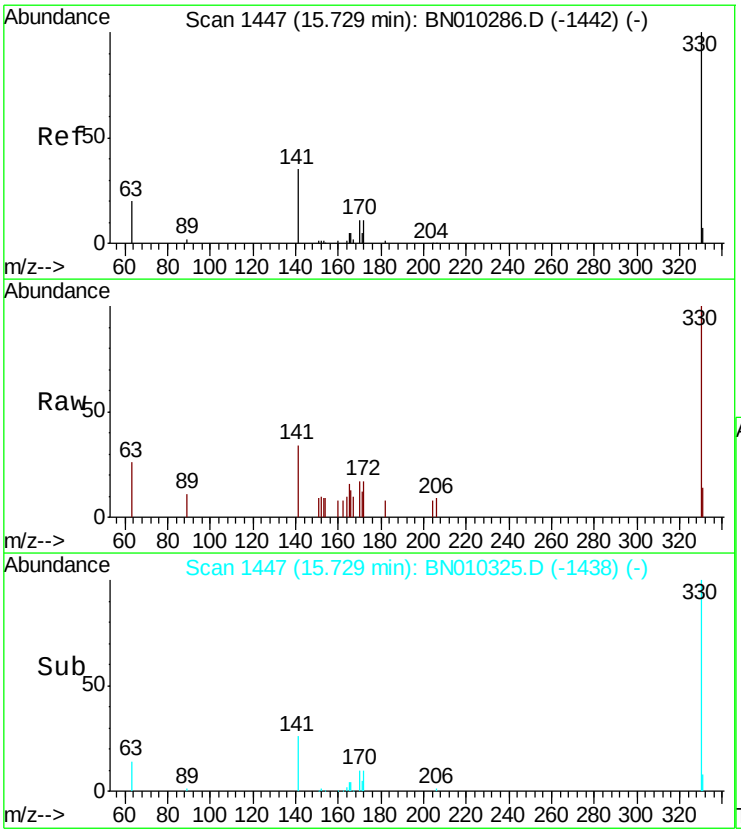
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:164 Resp: 8152

Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.2	117.2
160	51.3	35.8	53.6

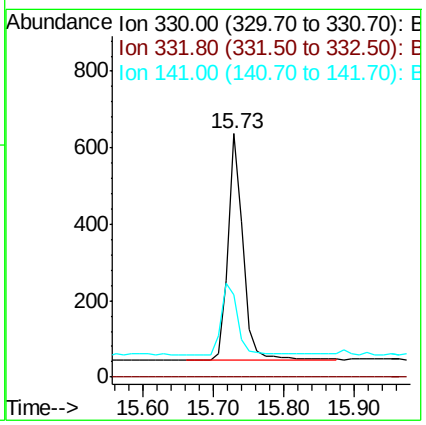


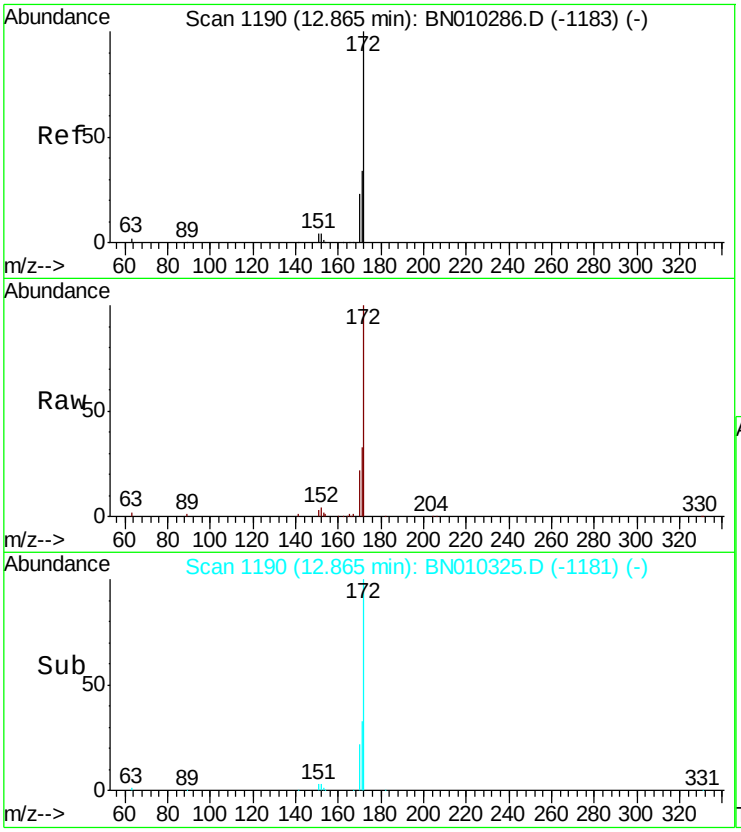


#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:330 Resp: 891

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	29.3	43.9



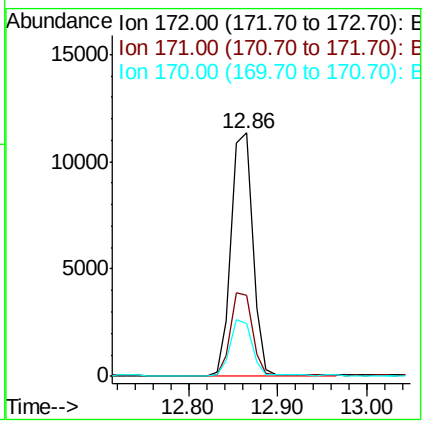


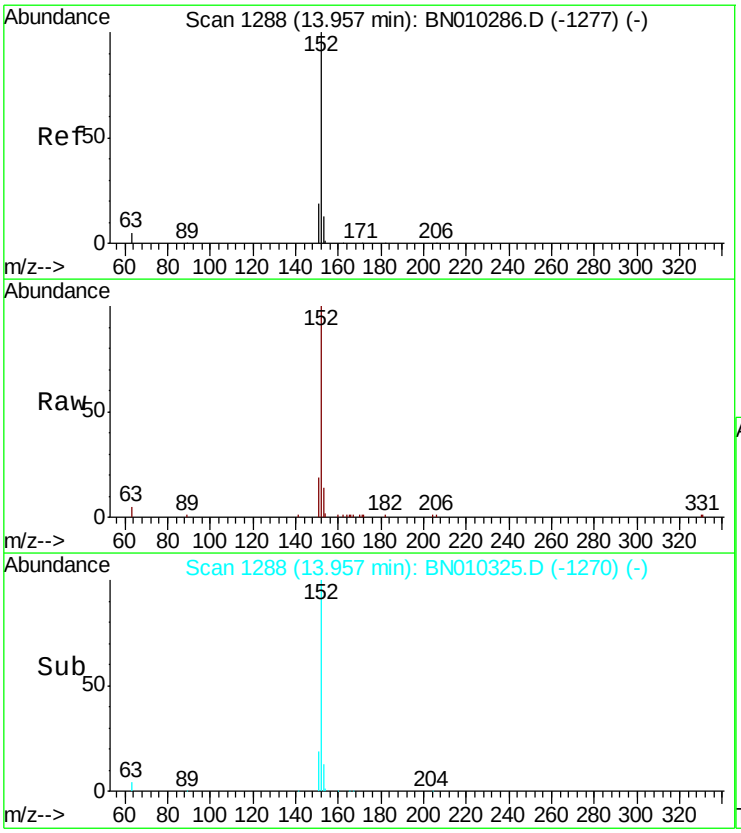
#15
2-Fluorobiphenyl
Concen: 0.610 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:172 Resp: 19038

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.6	41.4
170	21.8	18.5	27.7

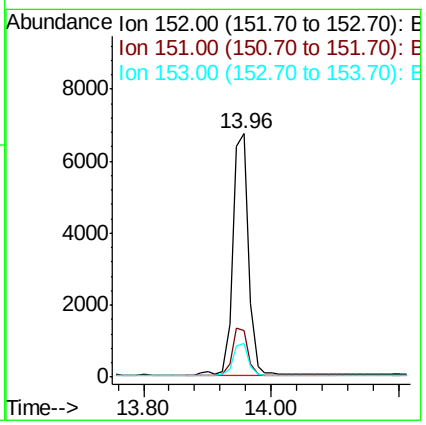


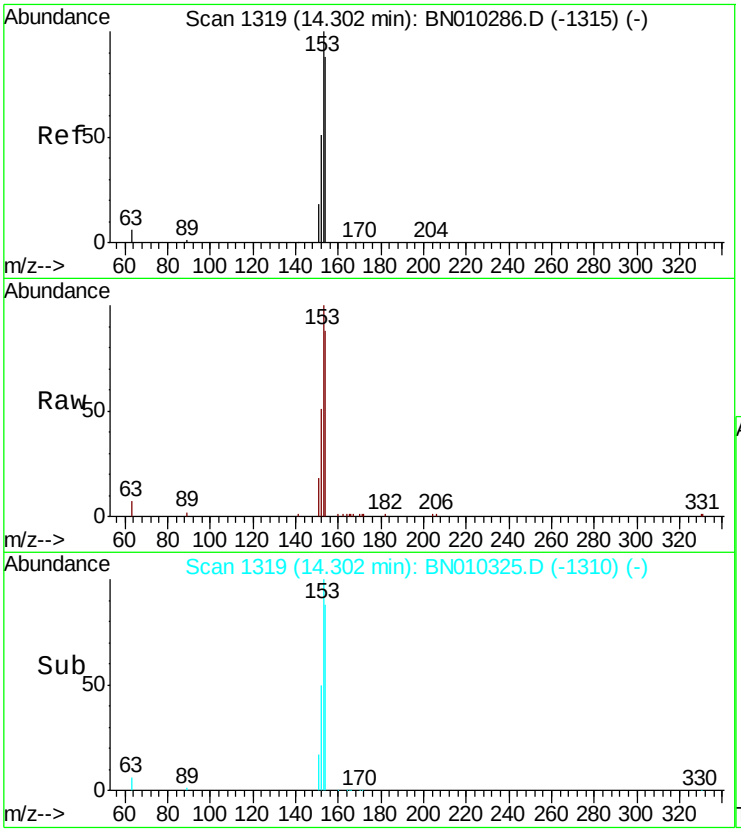


#16
Acenaphthylene
Concen: 0.362 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:152 Resp: 11594

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	12.8	10.6	15.8



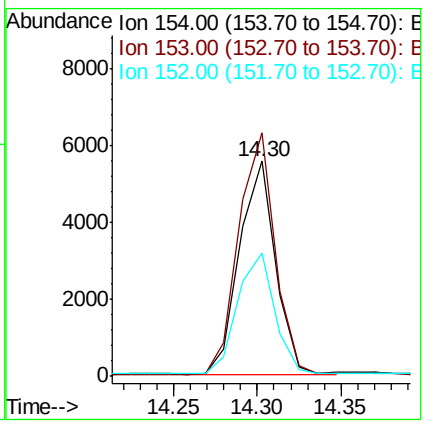


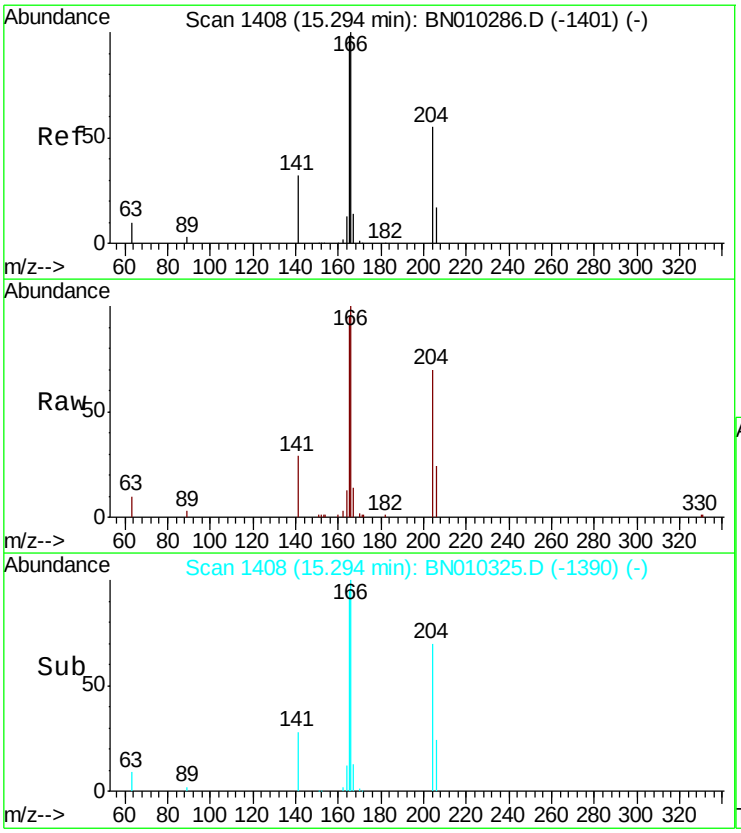
#17
Acenaphthene
Concen: 0.364 ng
RT: 14.30 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:154 Resp: 8297

Ion	Ratio	Lower	Upper
154	100		
153	114.3	88.1	132.1
152	58.7	45.5	68.3

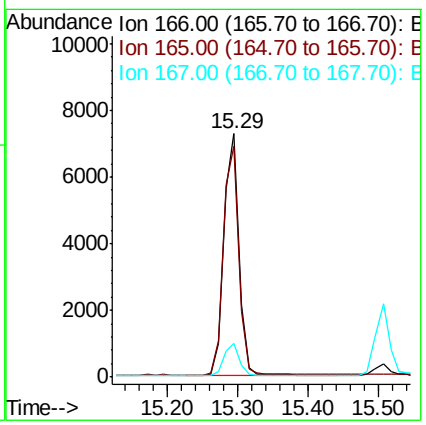


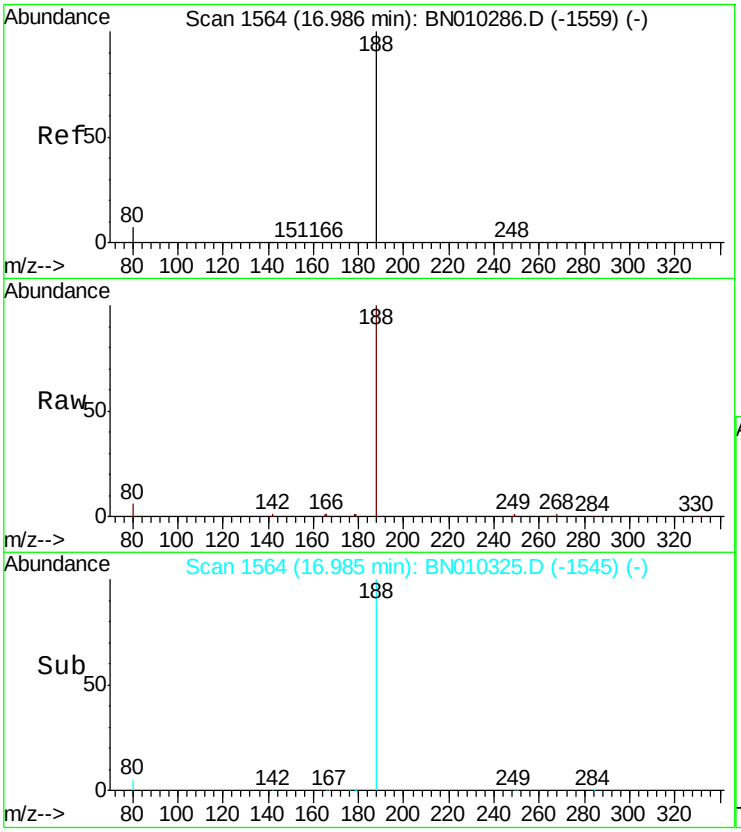


#18
Fluorene
Concen: 0.362 ng
RT: 15.29 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:166 Resp: 10954

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.7	118.1
167	13.7	11.0	16.4



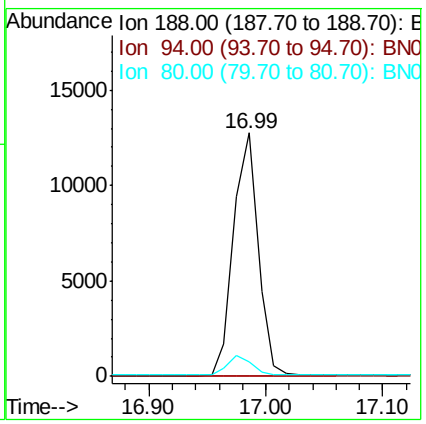


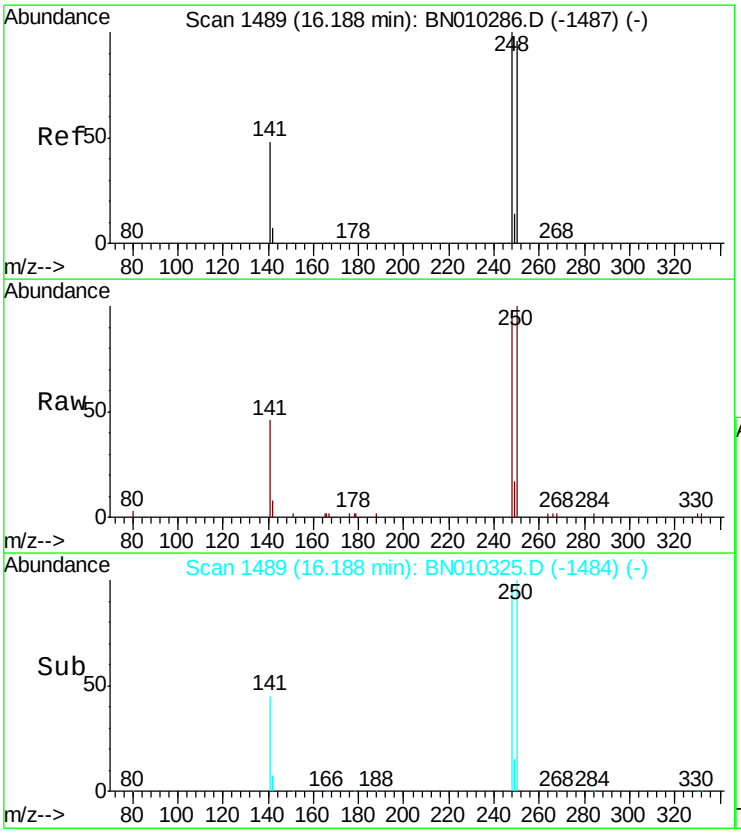
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:188 Resp: 18502

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	6.0	9.0#

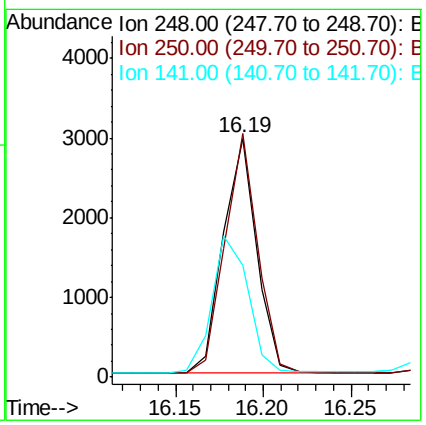


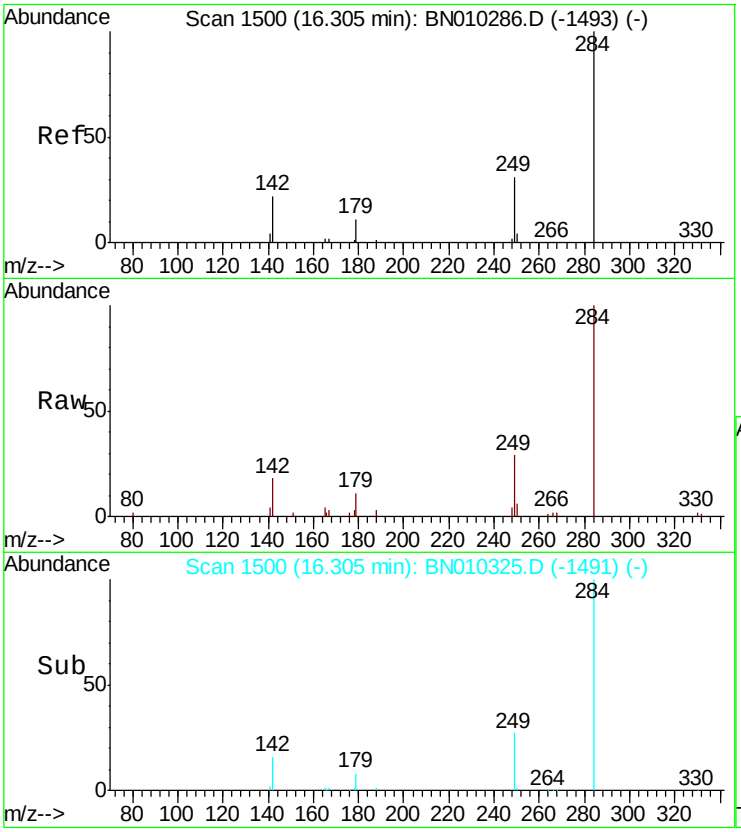


#20
4-Bromophenyl-phenylether
Concen: 0.345 ng
RT: 16.19 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:248 Resp: 3877

Ion	Ratio	Lower	Upper
248	100		
250	102.1	76.8	115.2
141	46.8	44.4	66.6



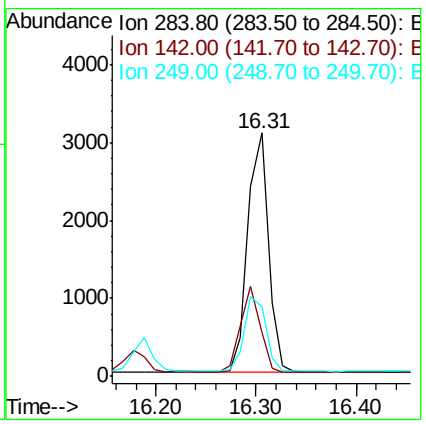


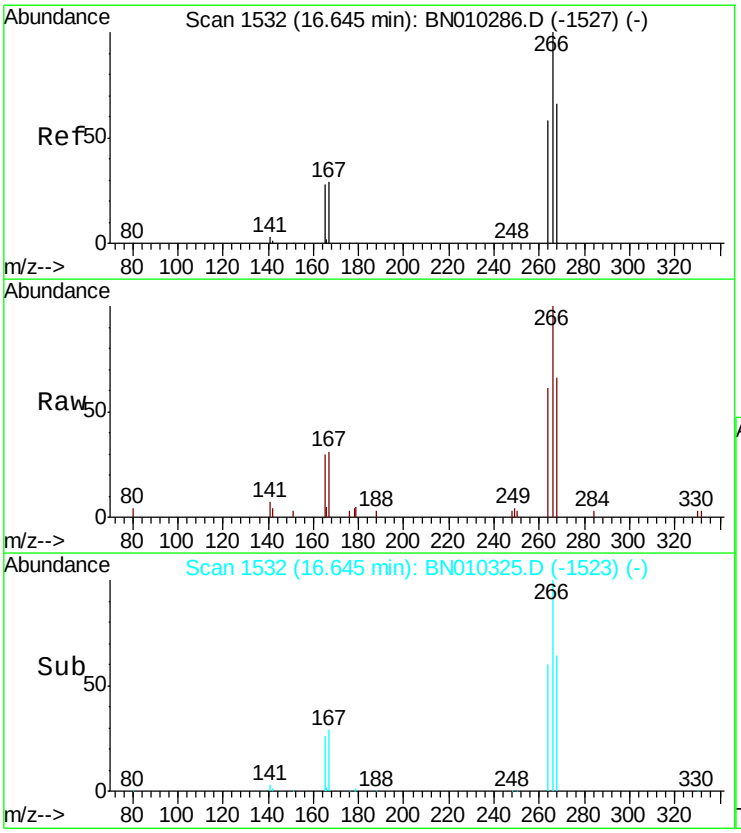
#21
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:284 Resp: 4418

Ion	Ratio	Lower	Upper
284	100		
142	34.1	27.4	41.2
249	33.2	26.5	39.7

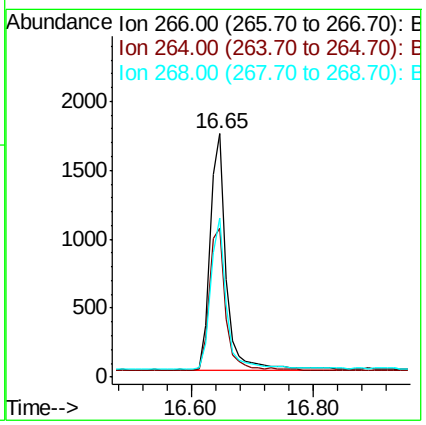


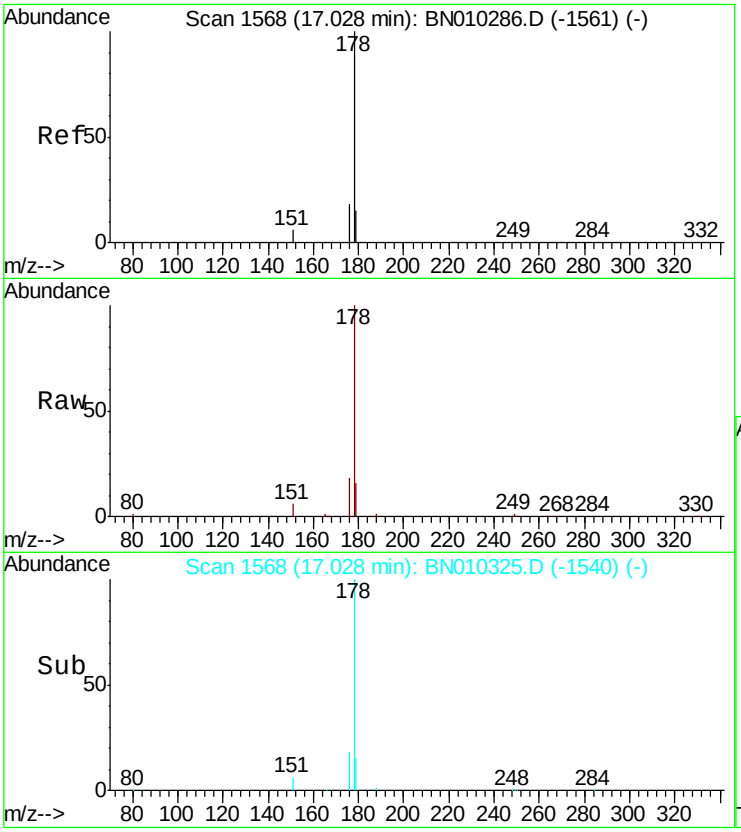


#22
Pentachlorophenol
Concen: 0.772 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:266 Resp: 3045

Ion	Ratio	Lower	Upper
266	100		
264	61.3	47.7	71.5
268	65.5	54.9	82.3



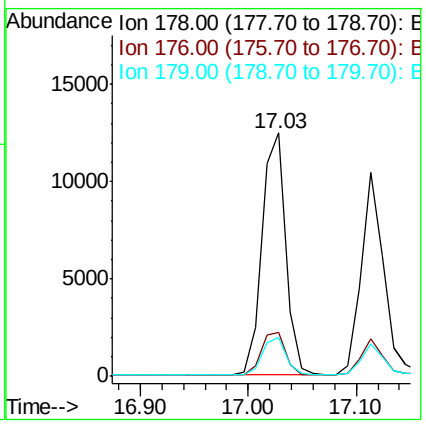


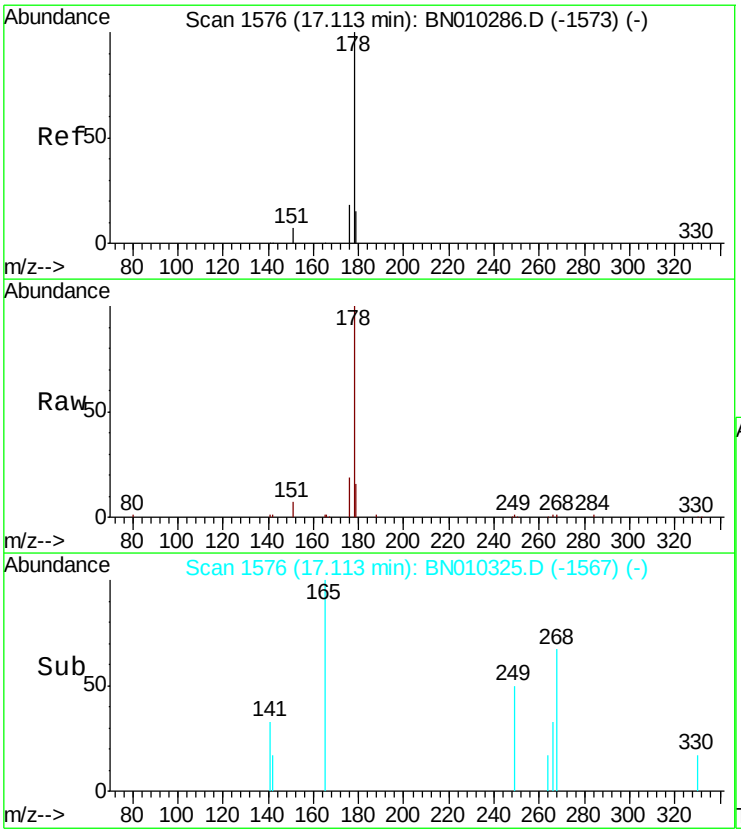
#23
Phenanthrene
Concen: 0.373 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:178 Resp: 18973

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.7	12.4	18.6

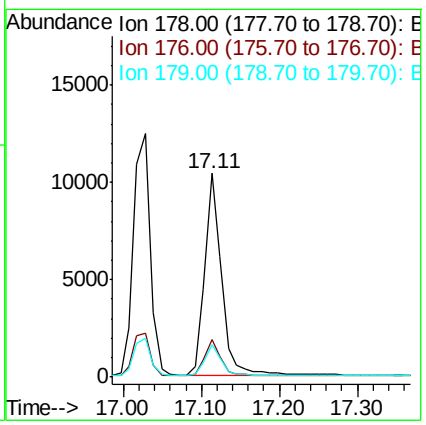


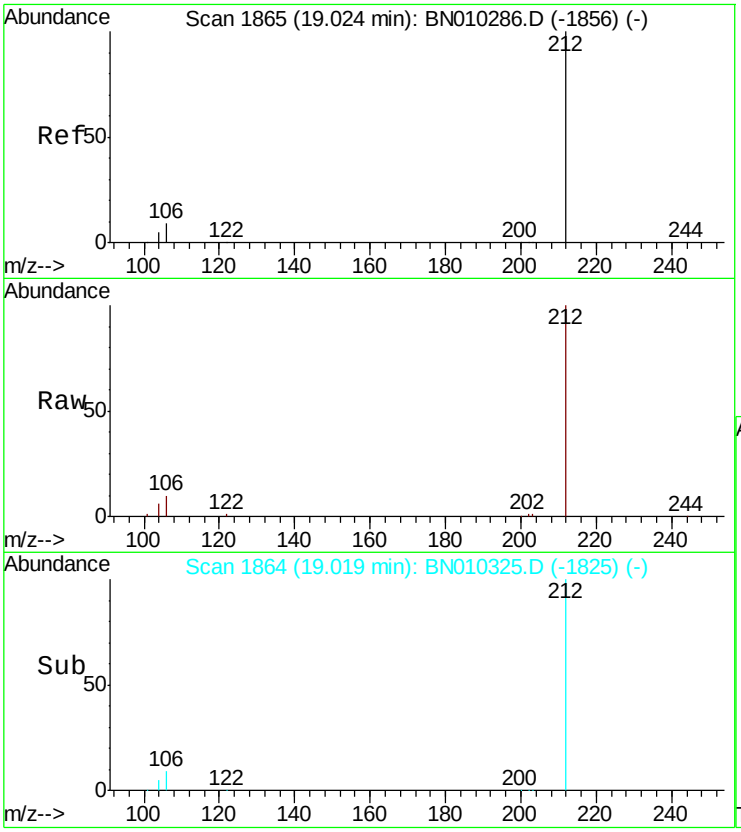


#24
Anthracene
Concen: 0.353 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:178 Resp: 15329

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.7	12.3	18.5



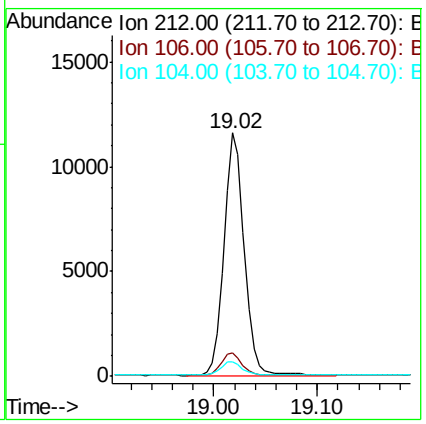


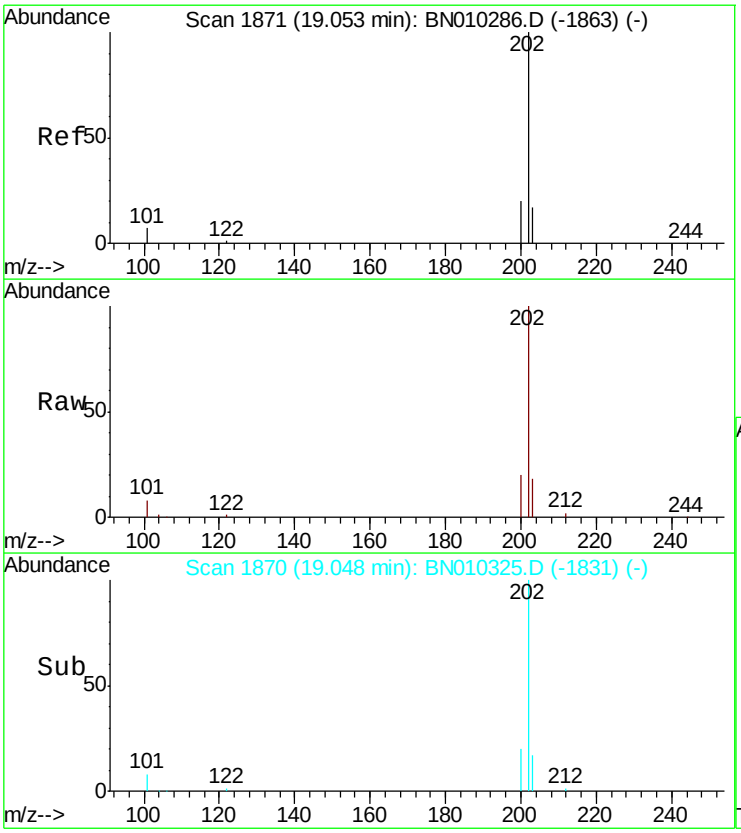
#25
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:212 Resp: 15322

Ion	Ratio	Lower	Upper
212	100		
106	9.3	7.4	11.2
104	5.5	4.2	6.4

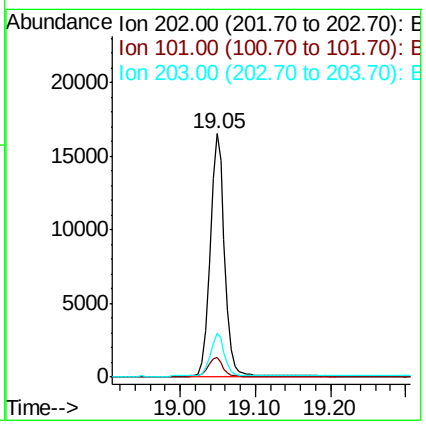


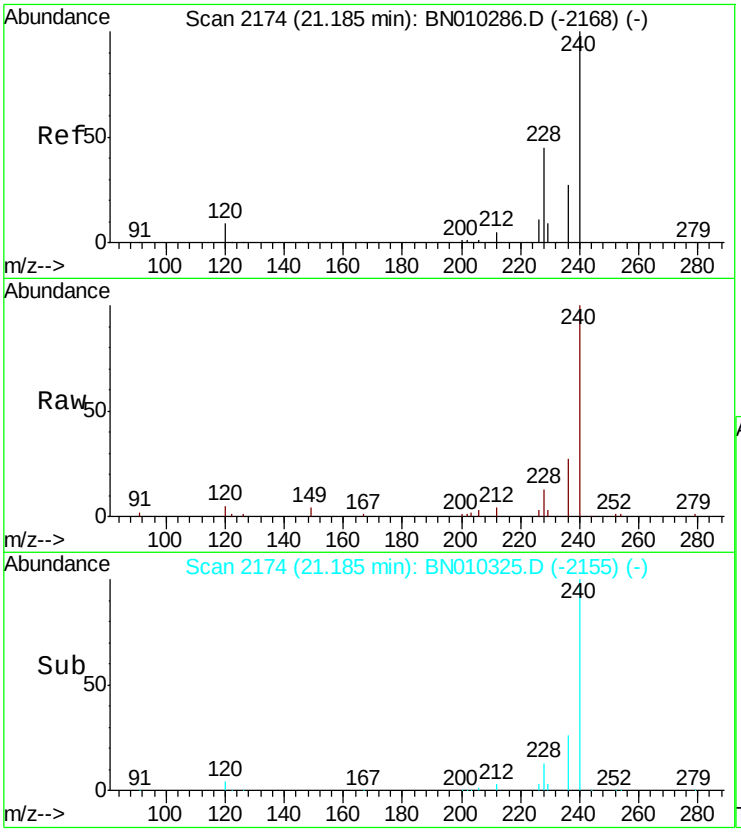


#26
Fluoranthene
Concen: 0.354 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:202 Resp: 22081

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.6	9.8
203	17.3	13.8	20.8



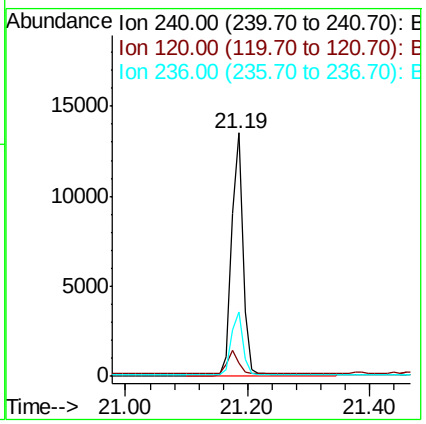


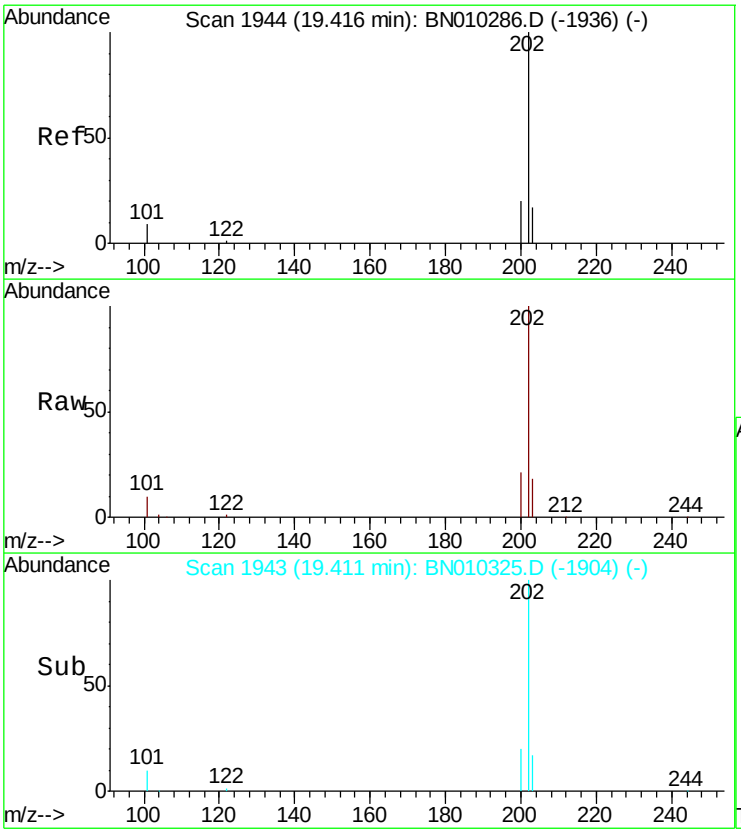
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:240 Resp: 17787

Ion	Ratio	Lower	Upper
240	100		
120	5.4	7.9	11.9#
236	26.7	22.2	33.4

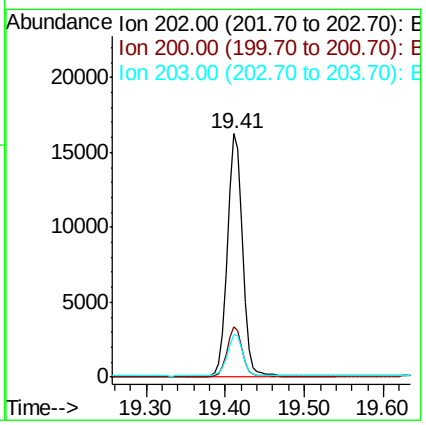


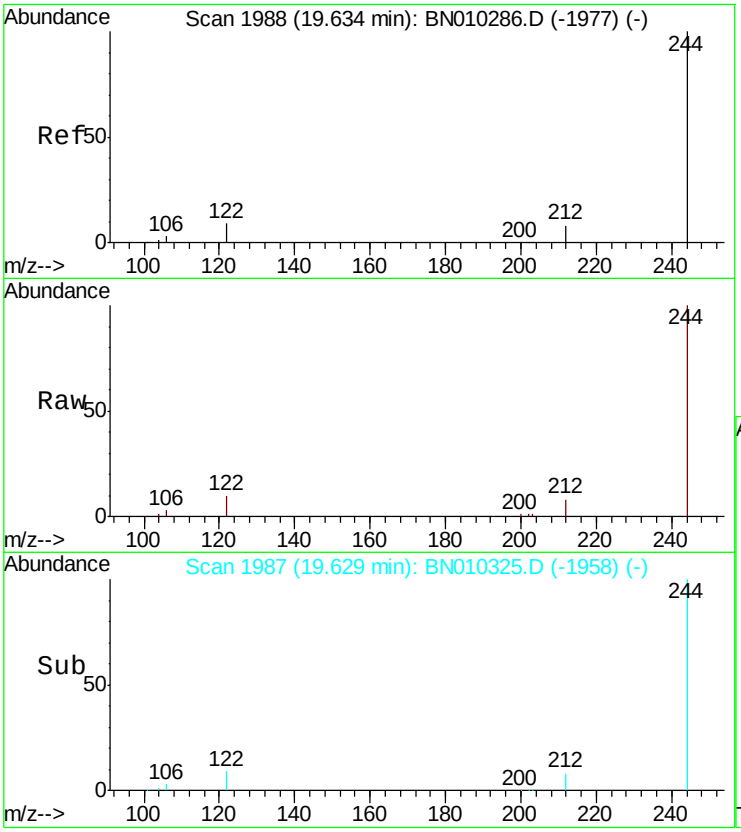


#28
Pyrene
Concen: 0.397 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:202 Resp: 21972

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.9	14.2	21.2



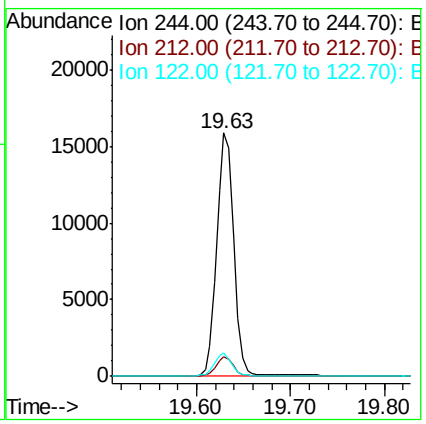


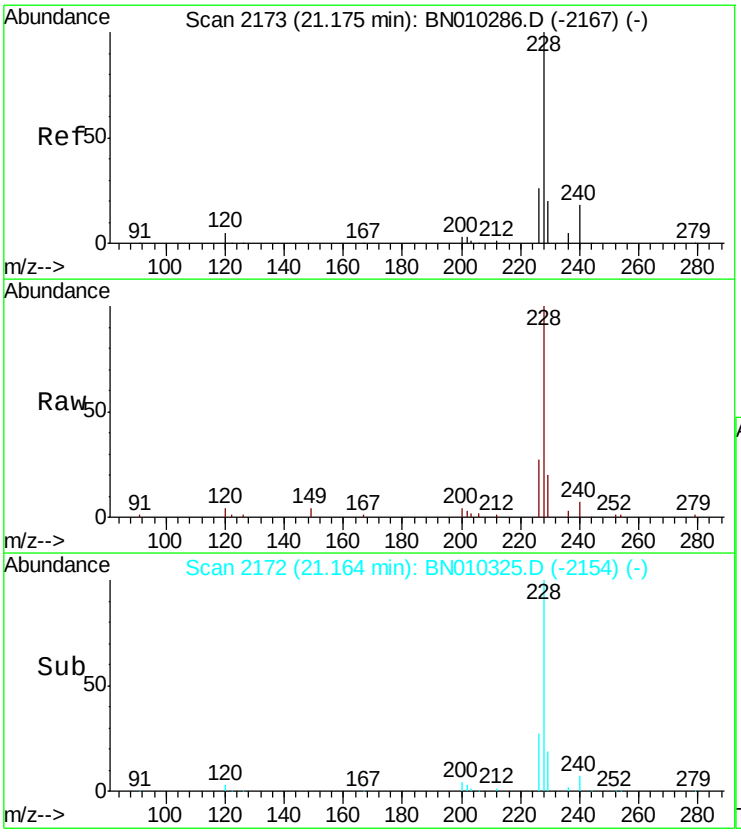
#29
Terphenyl-d14
Concen: 0.514 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:244 Resp: 19763

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	9.7	7.6	11.4

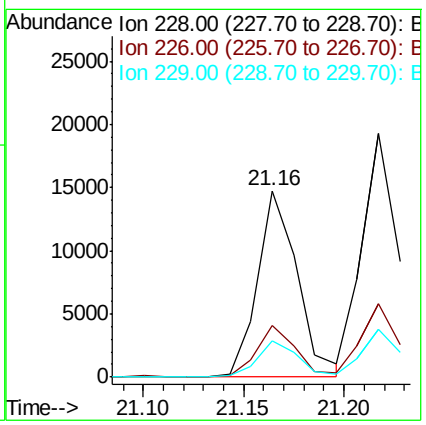


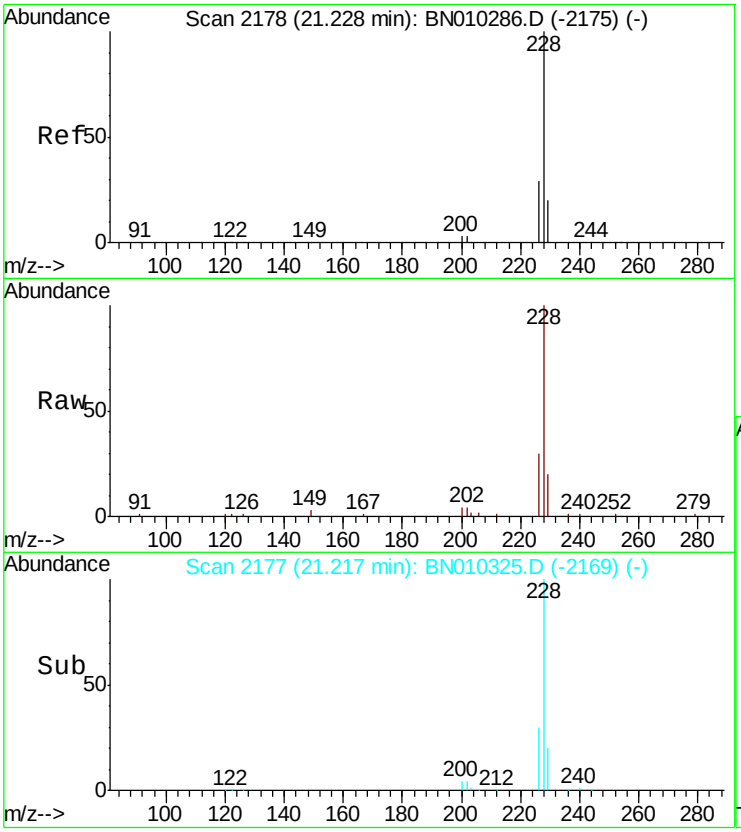


#30
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:228 Resp: 20059

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.0	31.4
229	19.7	16.0	24.0



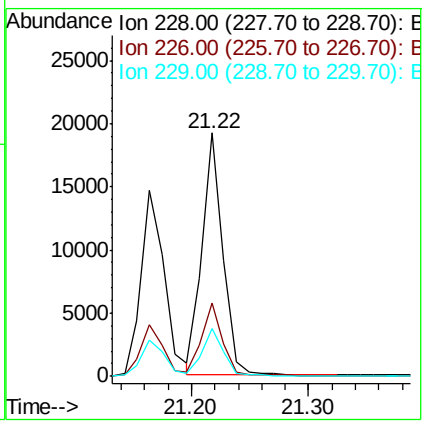


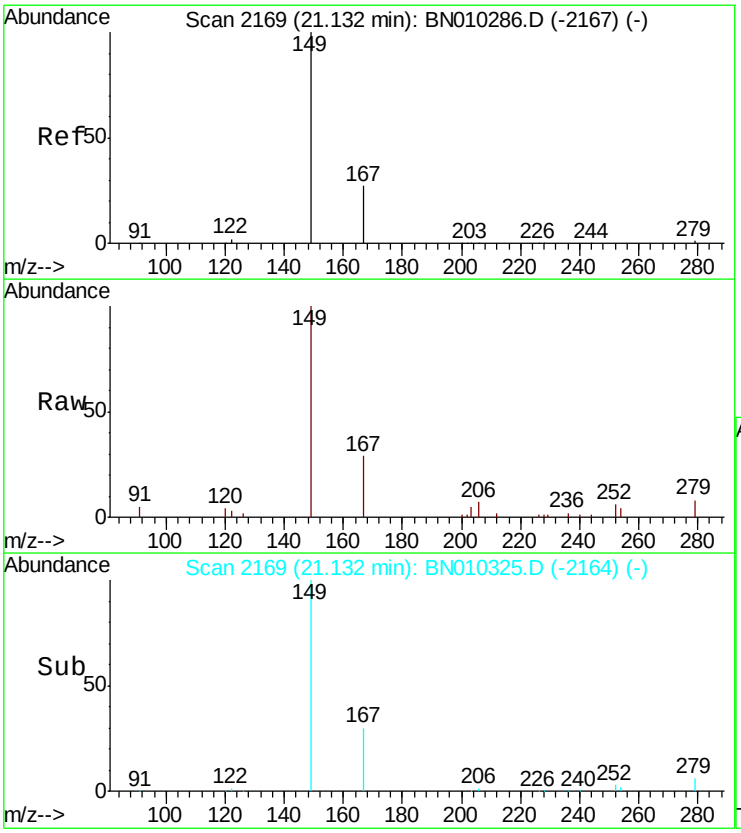
#31
Chrysene
Concen: 0.392 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:228 Resp: 23828

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.6
229	19.7	16.0	24.0

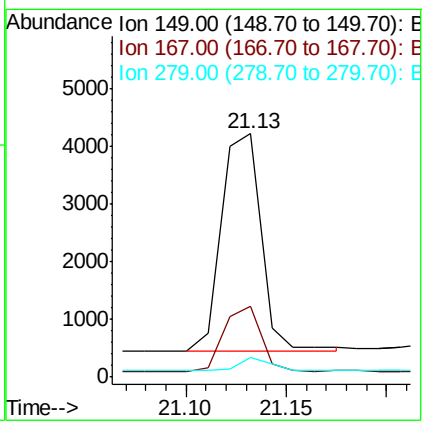


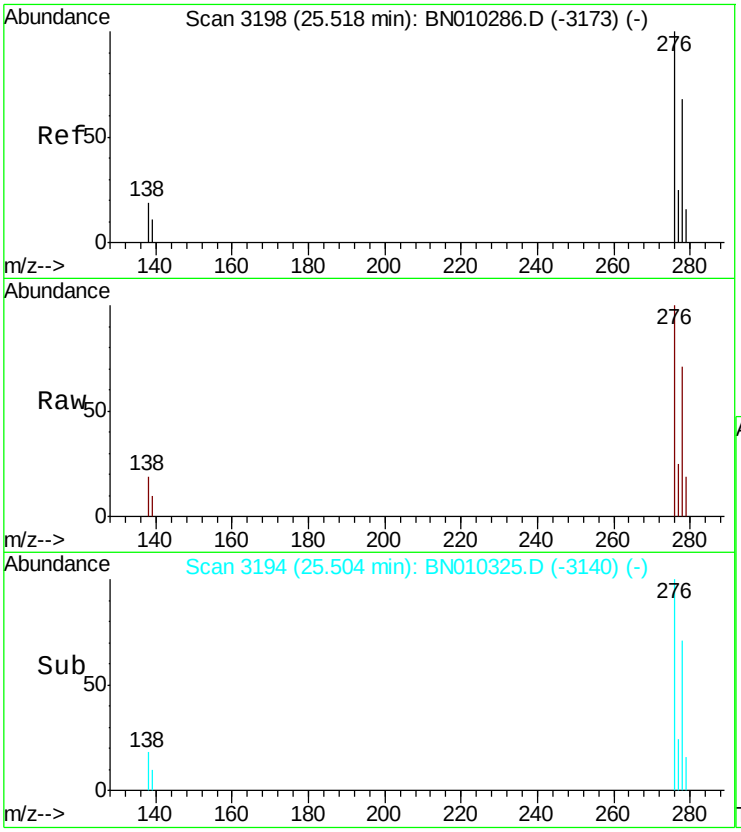


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.275 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:149 Resp: 5265

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.0	34.6
279	4.6	3.8	5.8



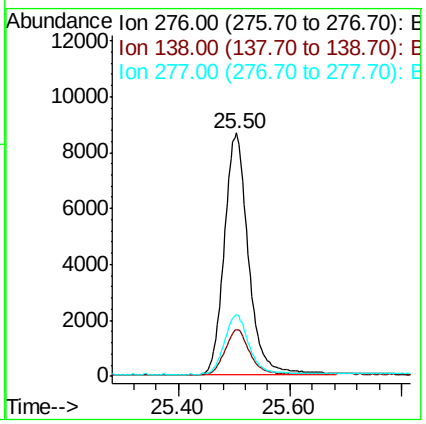


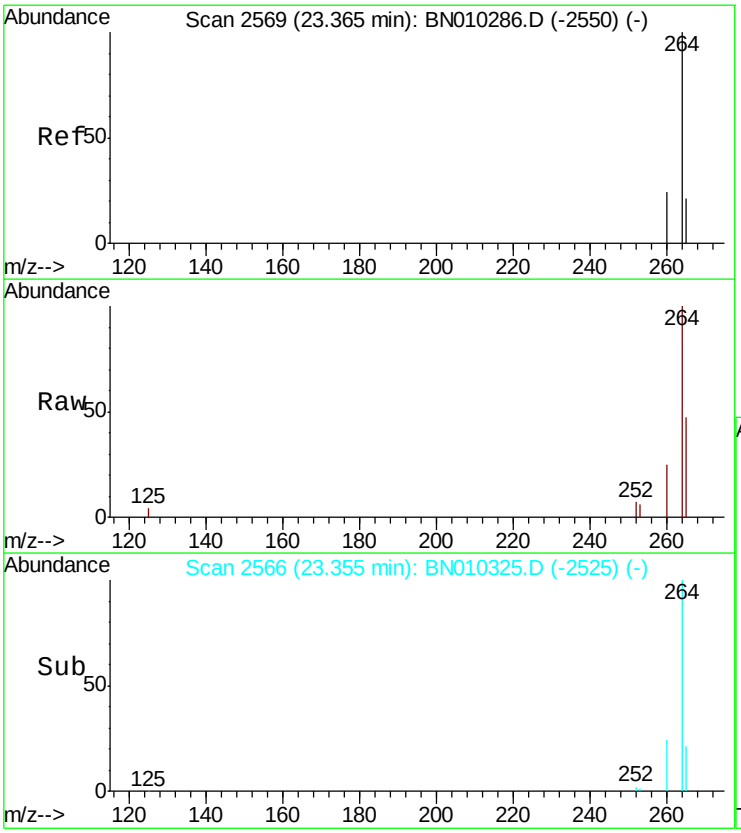
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 25.50 min Scan# 3194
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:276 Resp: 25985

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.6	23.4
277	24.9	20.1	30.1

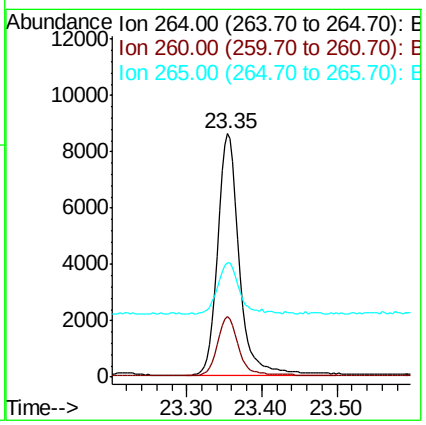


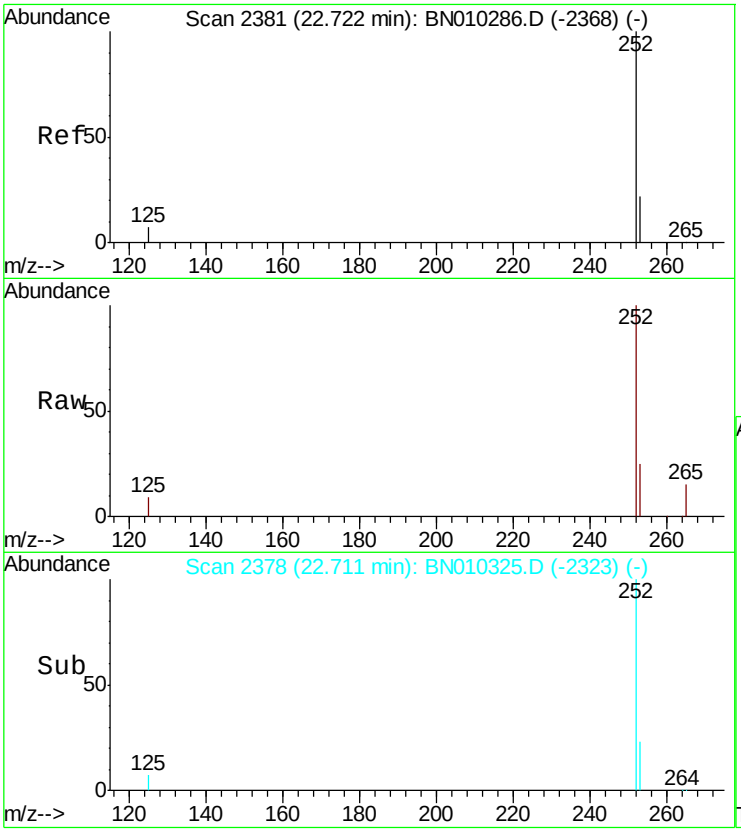


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:264 Resp: 17086

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	46.9	32.4	48.6



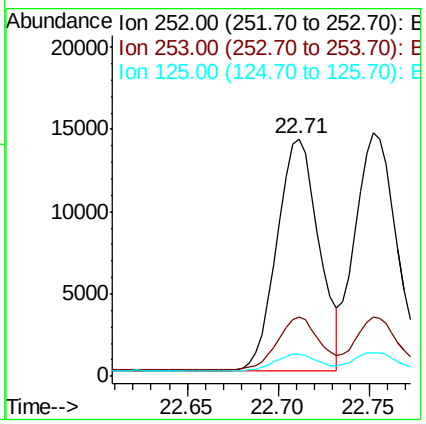


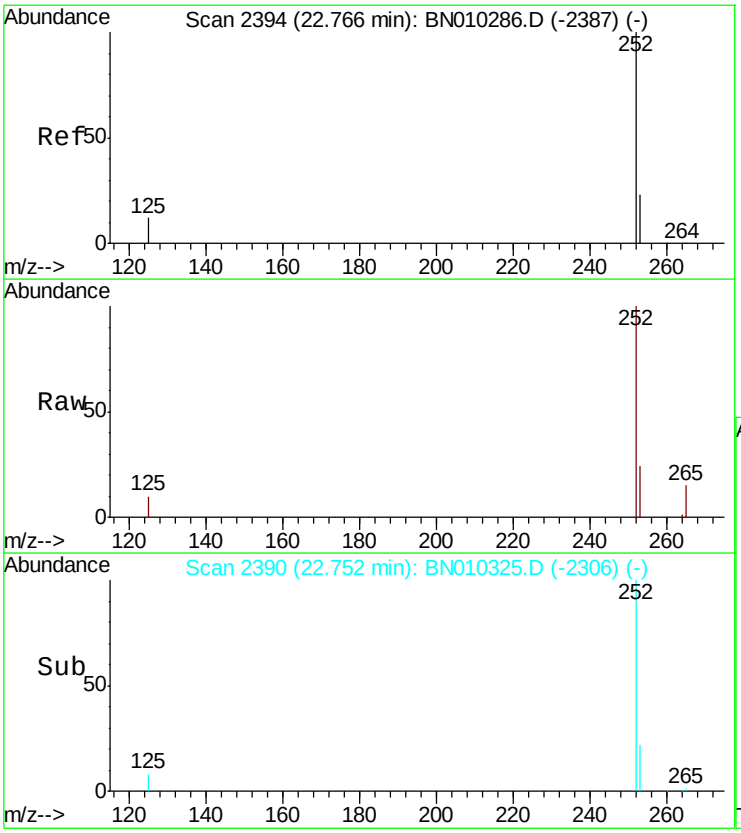
#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:252 Resp: 22798

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.2	28.8
125	9.4	7.4	11.0

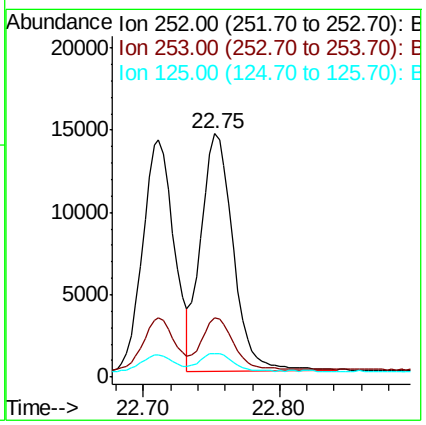


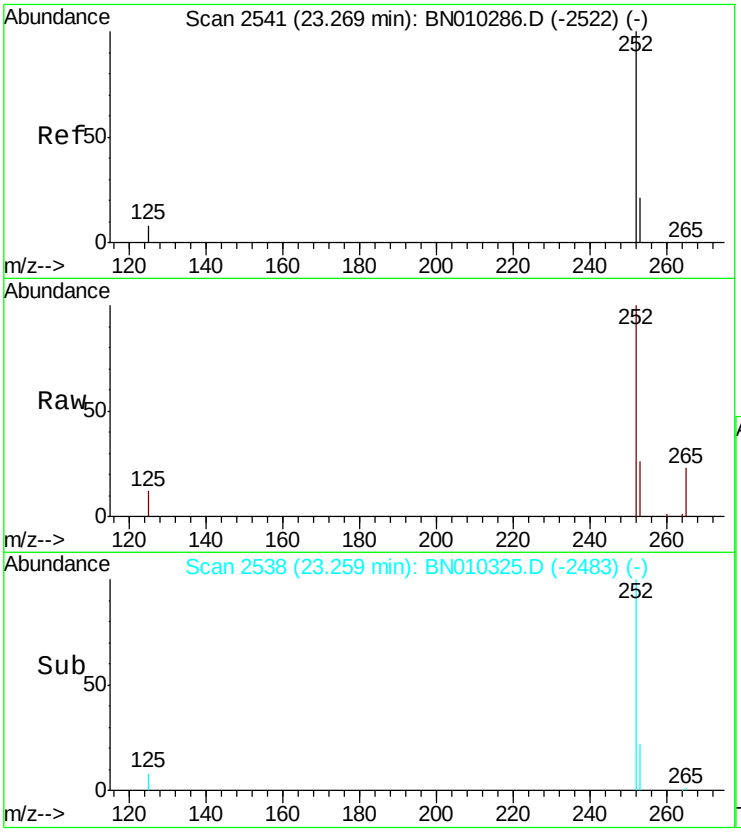


#36
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 22.75 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:252 Resp: 23628

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.0
125	9.9	10.2	15.2#



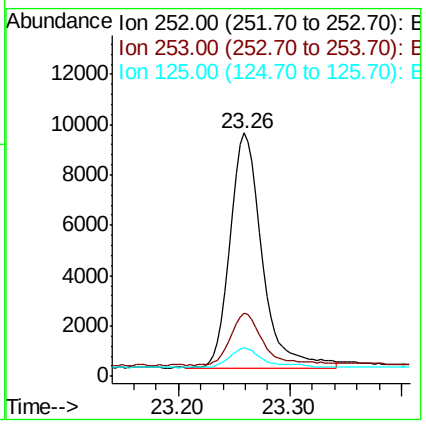


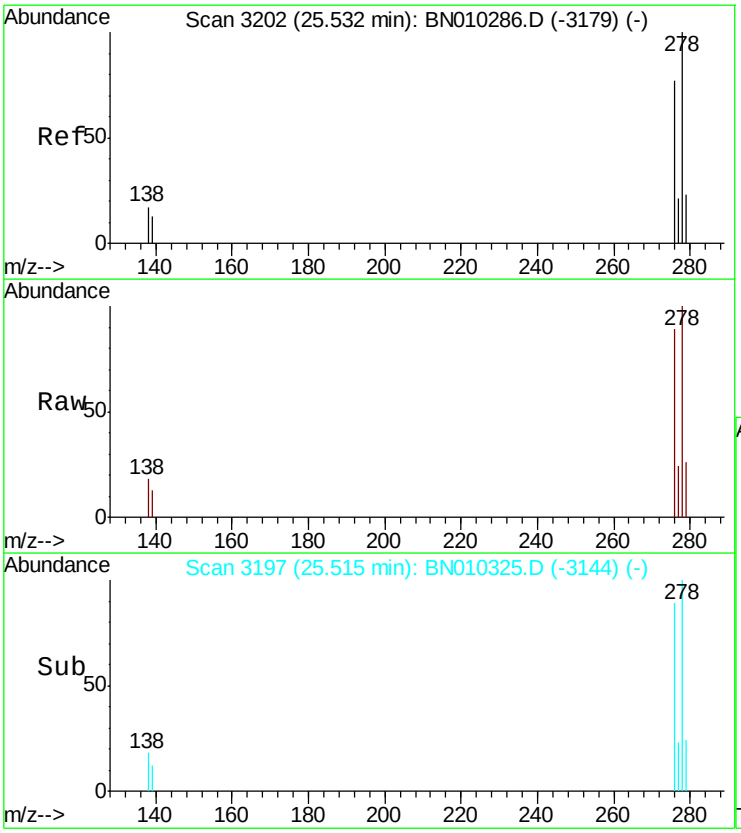
#37
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:252 Resp: 18561

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.9	29.9
125	11.6	8.9	13.3

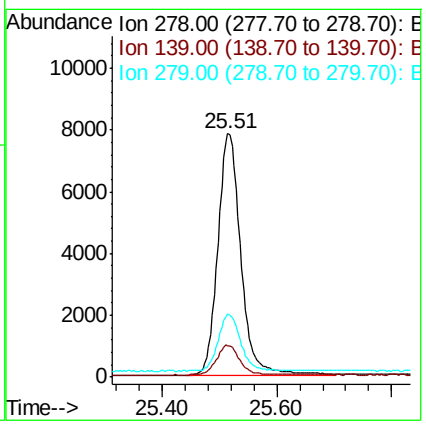


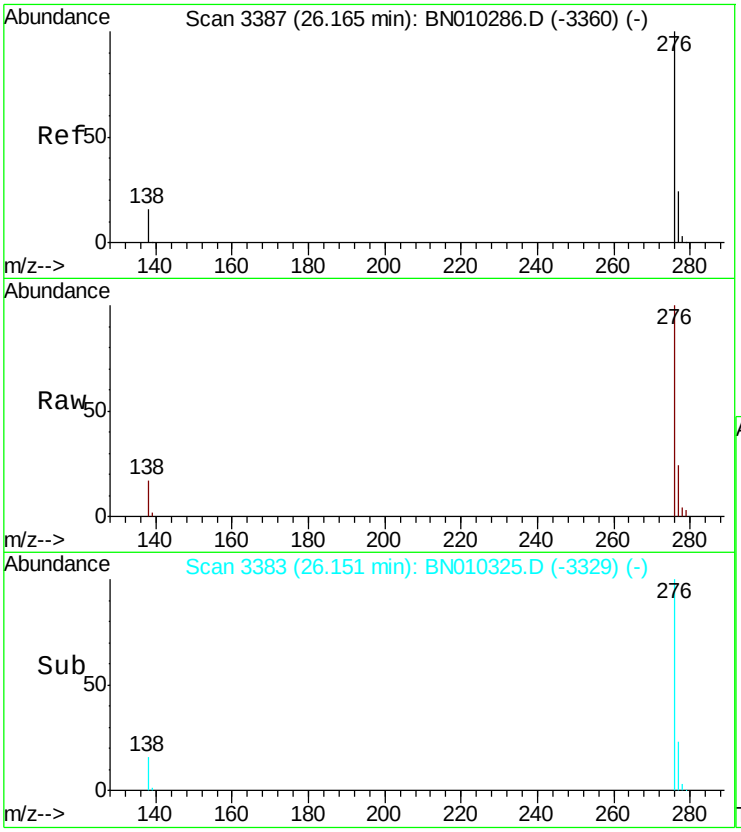


#38
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 25.51 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Tgt Ion:278 Resp: 21789

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.6	16.0
279	26.1	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.438 ng
RT: 26.15 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BN010325.D
Acq: 24 Mar 2020 14:27

Instrument :
BNA_N
ClientSampleId :
PB127724BS

Tgt Ion:276 Resp: 23336

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	16.7	13.3	19.9