Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
Data File : BN010351.D
Acq On : 27 Mar 2020 14:45
Operator : CG/JU
Sample : PB127802BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127802BS

Quant Time: Mar 27 15:19:29 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	7.61	152	6151	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	20895	0.40	ng		-0.01
13) Acenaphthene-d10	14.24	164	11242	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	25213	0.40	ng		0.00
27) Chrysene-d12	21.19	240	22610	0.40	ng		0.00
34) Perylene-d12	23.36	264	23731	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	4188	0.34	ng		0.00
5) Phenol-d6	6.80	99	5080	0.34	ng		0.00
8) Nitrobenzene-d5	8.74	82	7409	0.55	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	9455	0.28	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1197	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	25091	0.58	ng		-0.01
25) Fluoranthene-d10	19.02	212	19197	0.25	ng		0.00
29) Terphenyl-d14	19.63	244	24144	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1435	0.248	ng	#	79
3) n-Nitrosodimethylamine	3.55	42	1312	0.269	ng	#	51
6) bis(2-Chloroethyl)ether	7.05	93	5567	0.383	ng		91
9) Naphthalene	10.42	128	18962	0.364	ng		99
10) Hexachlorobutadiene	10.72	225	4457	0.353	ng	#	99
12) 2-Methylnaphthalene	12.04	142	12897	0.357	ng		99
16) Acenaphthylene	13.95	152	15549	0.352	ng		99
17) Acenaphthene	14.30	154	11043	0.351	ng		97
18) Fluorene	15.29	166	14514	0.348	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	4971	0.325	ng	#	90
21) Hexachlorobenzene	16.31	284	5666	0.361	ng		97
22) Pentachlorophenol	16.65	266	4290	0.798	ng		97
23) Phenanthrene	17.03	178	24082	0.347	ng		100
24) Anthracene	17.11	178	20867	0.352	ng		100
26) Fluoranthene	19.05	202	28164	0.332	ng		100
28) Pyrene	19.41	202	28071	0.399	ng		100
30) Benzo(a)anthracene	21.16	228	25939	0.360	ng		98
31) Chrysene	21.22	228	29990	0.388	ng		99
32) Bis(2-ethylhexyl)phthalate	21.12	149	6790	0.279	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	38939	0.471	ng		100
35) Benzo(b)fluoranthene	22.71	252	29197	0.362	ng		100
36) Benzo(k)fluoranthene	22.76	252	32001	0.390	ng		98
37) Benzo(a)pyrene	23.26	252	25385	0.373	ng		99
38) Dibenzo(a,h)anthracene	25.52	278	32032	0.436	ng		100
39) Benzo(g,h,i)perylene	26.15	276	31981	0.432	ng		99

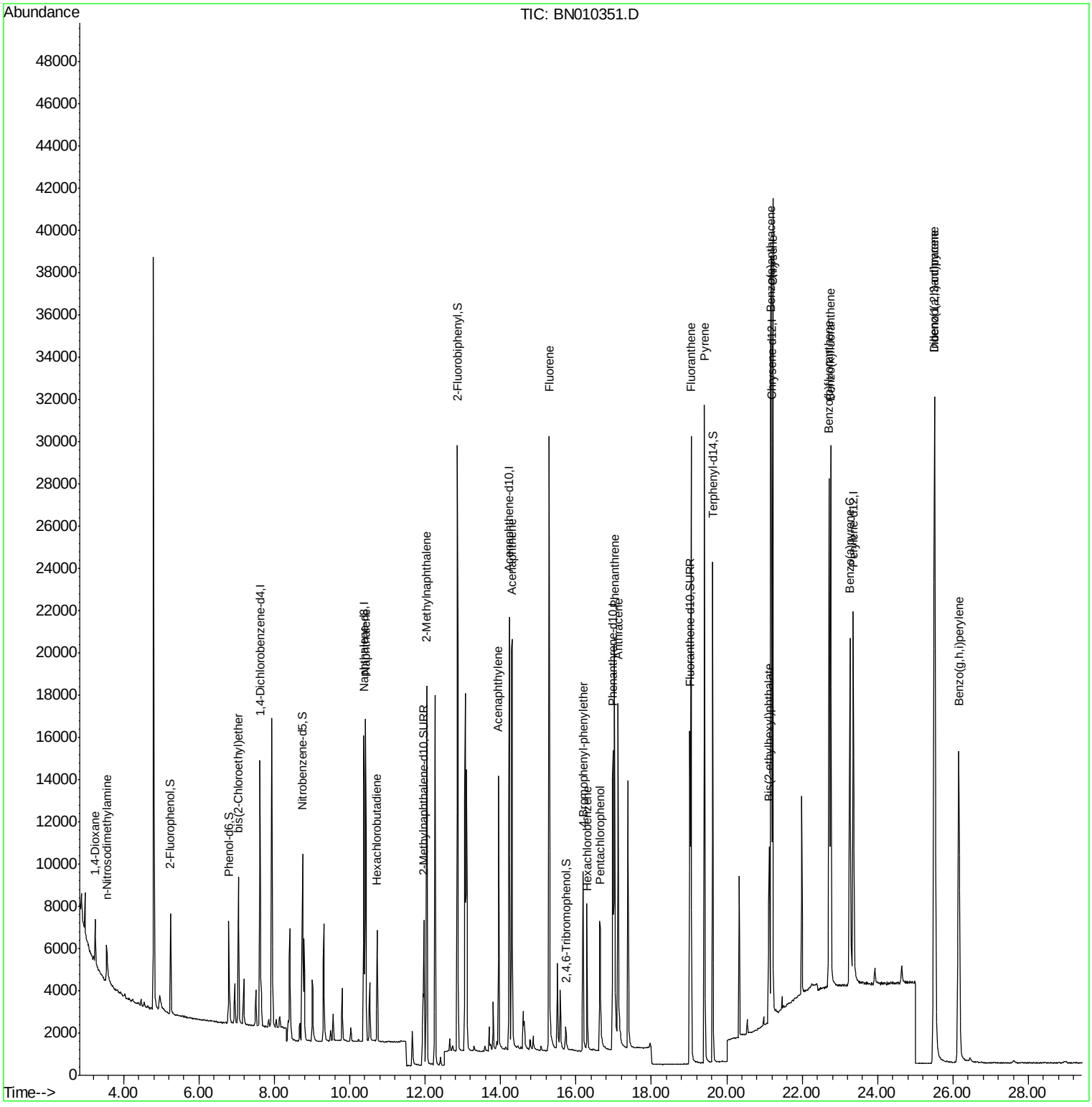
(#) = qualifier out of range (m) = manual integration (+) = signals summed

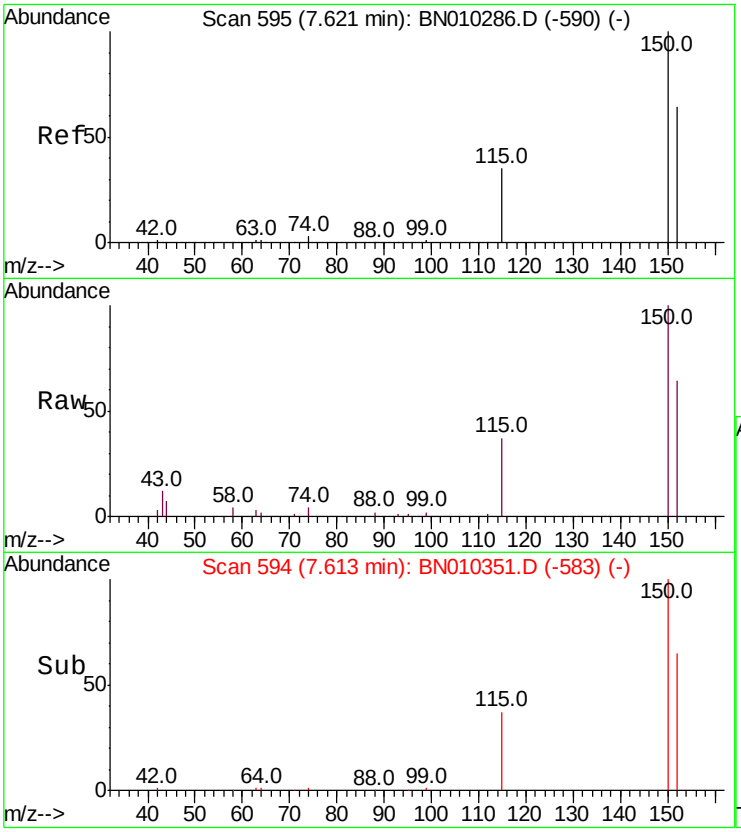
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
Data File : BN010351.D
Acq On : 27 Mar 2020 14:45
Operator : CG/JU
Sample : PB127802BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Quant Time: Mar 27 15:19:29 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



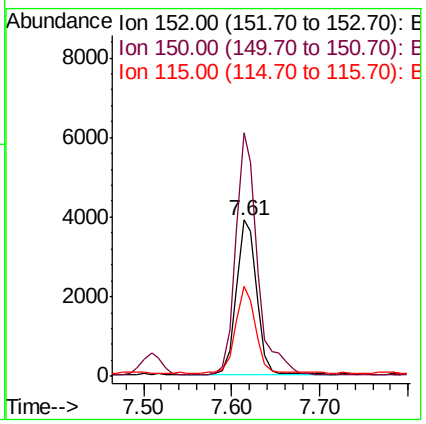


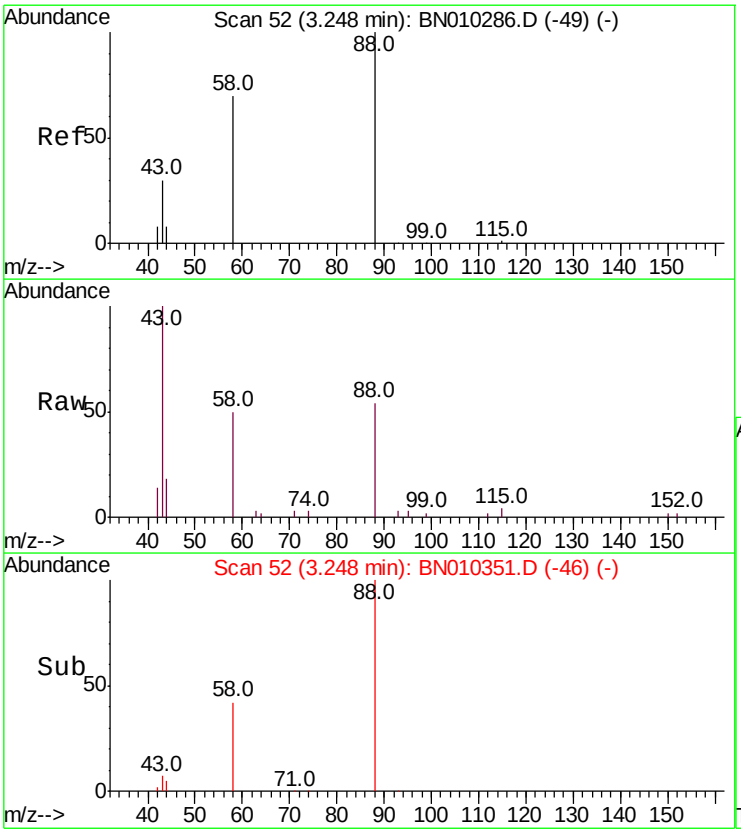
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:152 Resp: 6151

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.1	184.7
115	57.8	45.2	67.8

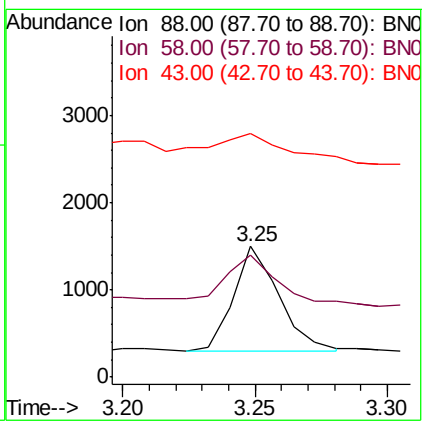


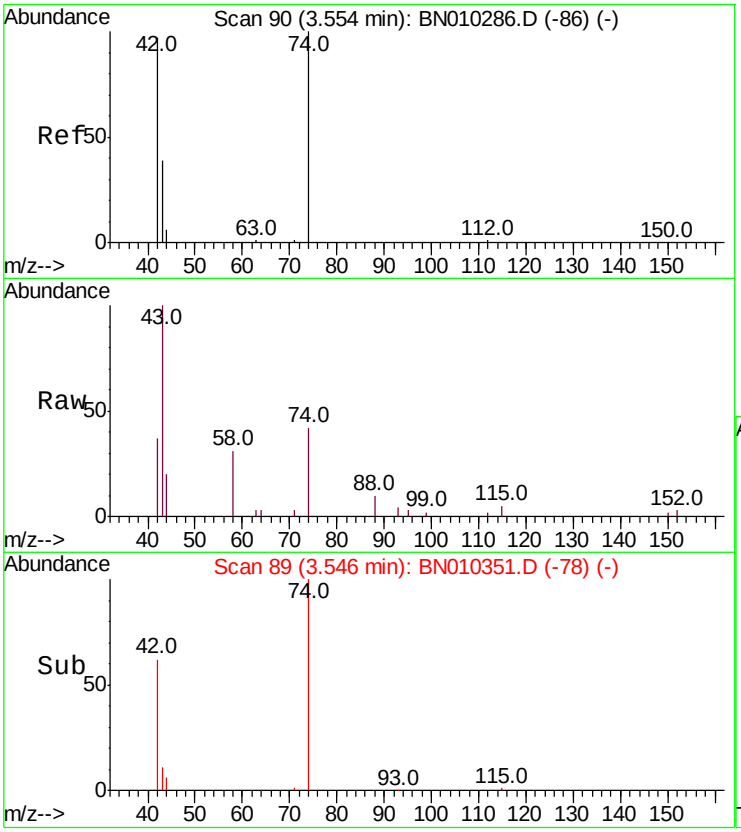


#2
1,4-Dioxane
Concen: 0.248 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion: 88 Resp: 1435

Ion	Ratio	Lower	Upper
88	100		
58	44.5	51.7	77.5#
43	20.7	21.2	31.8#



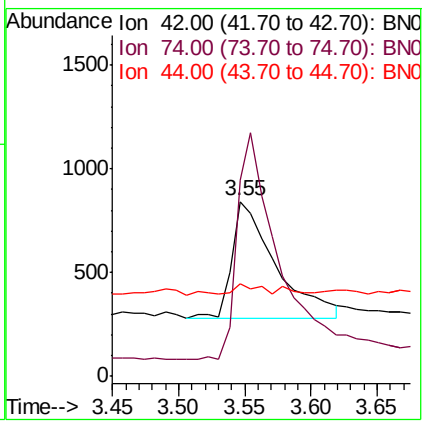


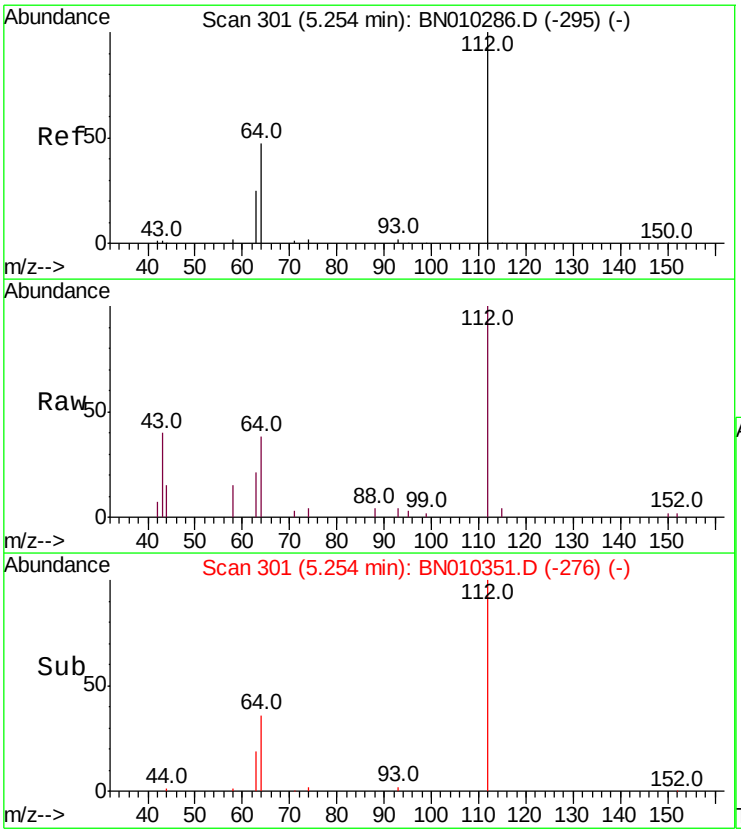
#3
n-Nitrosodimethylamine
Concen: 0.269 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion: 42 Resp: 1312

Ion	Ratio	Lower	Upper
42	100		
74	182.2	99.4	149.0#
44	4.6	4.8	7.2#

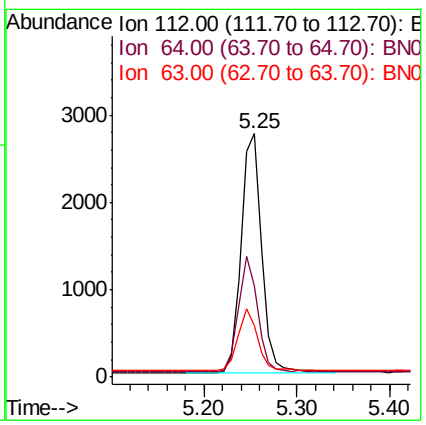


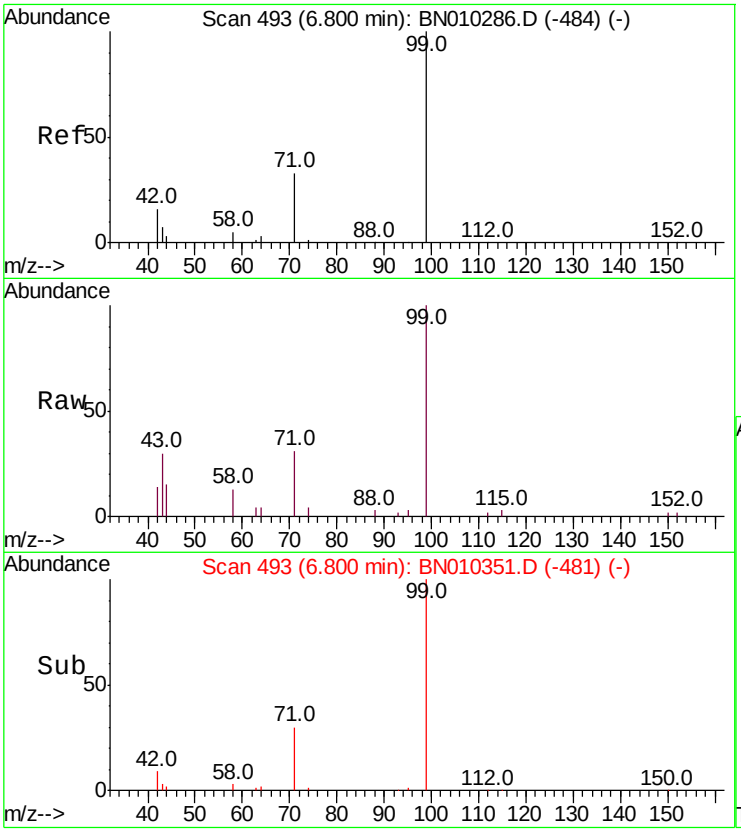


#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:112 Resp: 4188

Ion	Ratio	Lower	Upper
112	100		
64	45.3	41.4	62.2
63	24.8	22.9	34.3



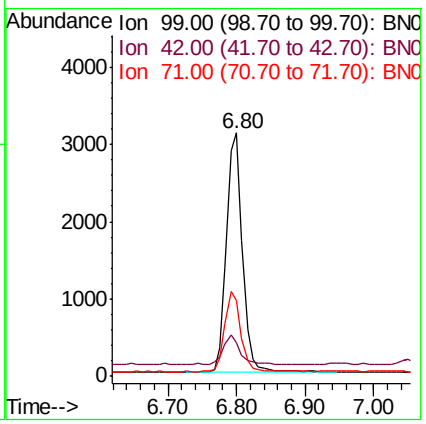


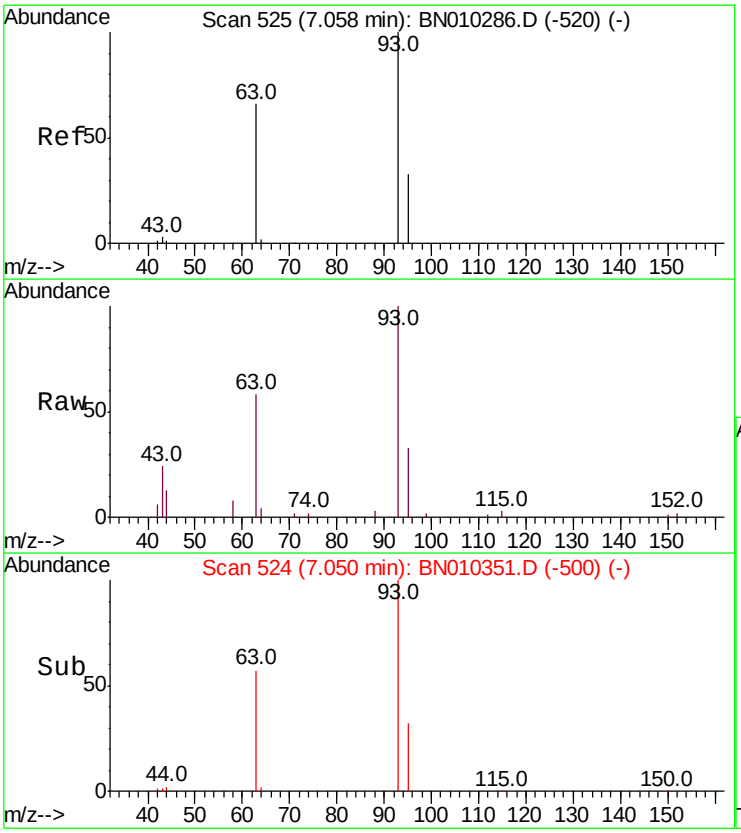
#5
Phenol-d6
Concen: 0.336 ng
RT: 6.80 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion: 99 Resp: 5080

Ion	Ratio	Lower	Upper
99	100		
42	13.5	14.8	22.2#
71	33.5	27.3	40.9

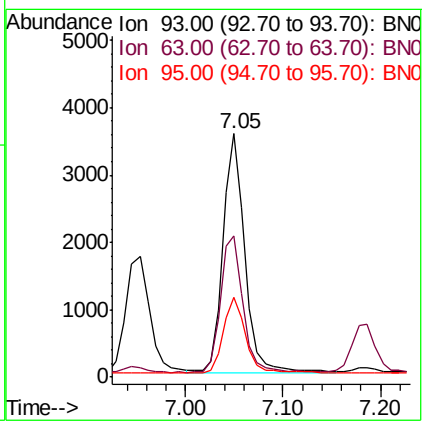


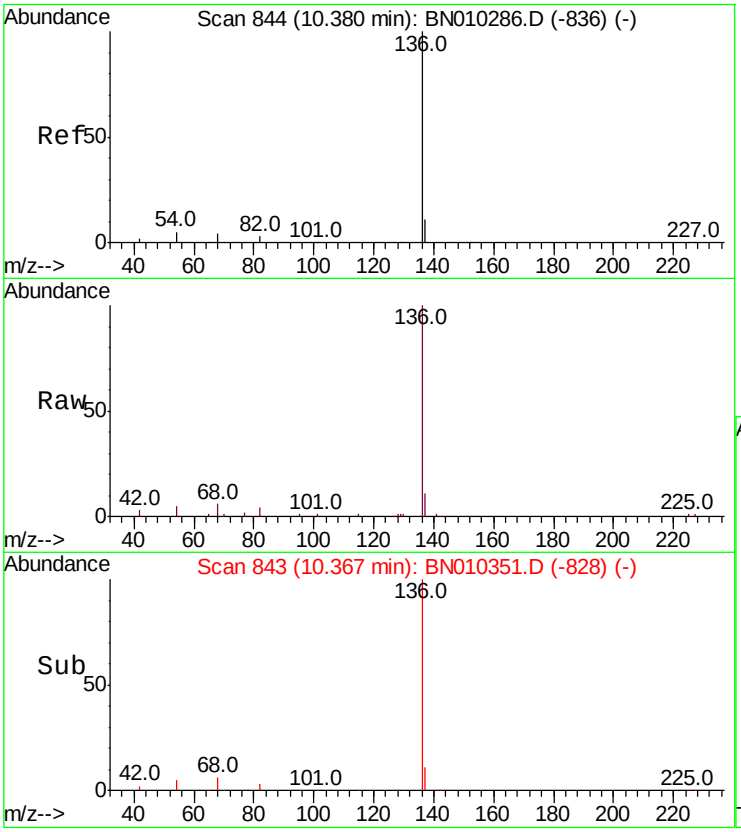


#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 7.05 min Scan# 524
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion: 93 Resp: 5567

Ion	Ratio	Lower	Upper
93	100		
63	59.1	55.6	83.4
95	32.2	26.2	39.4



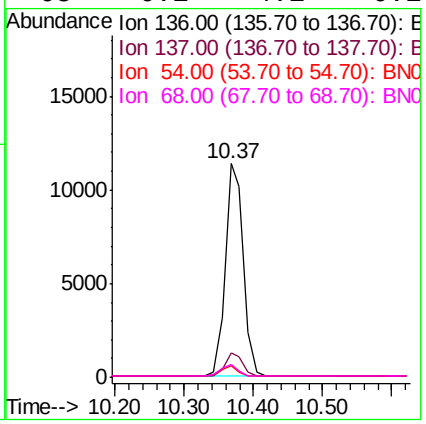


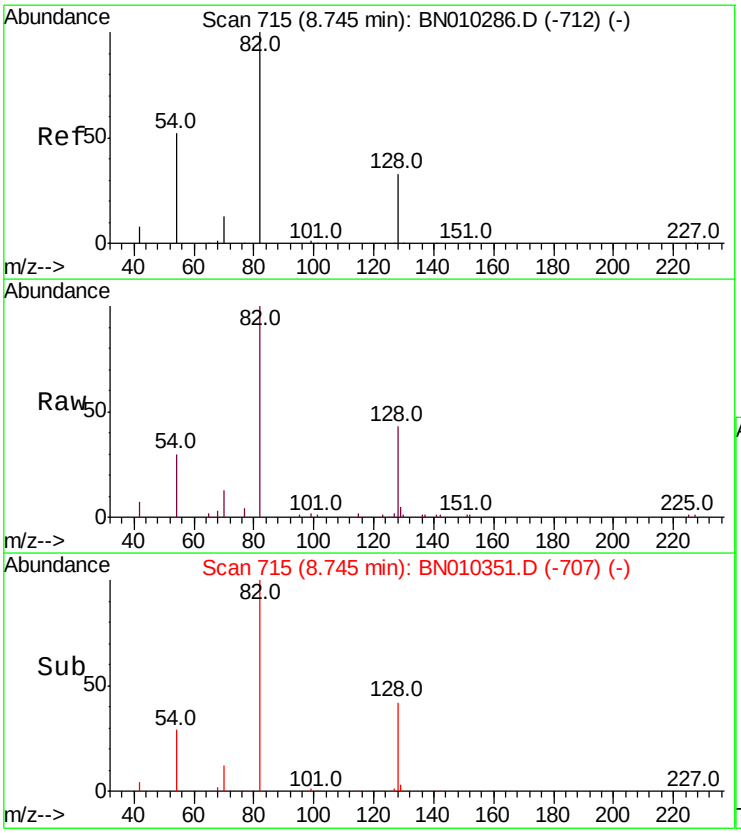
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:136 Resp: 20895

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	5.2	4.8	7.2
68	6.1	4.1	6.1

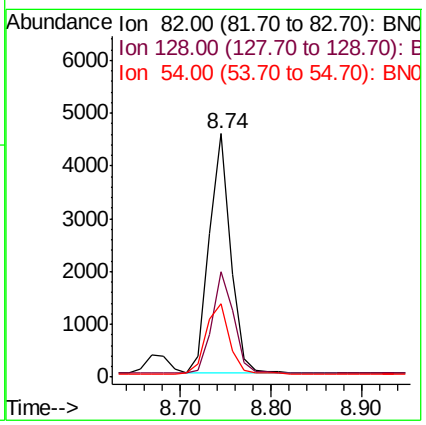


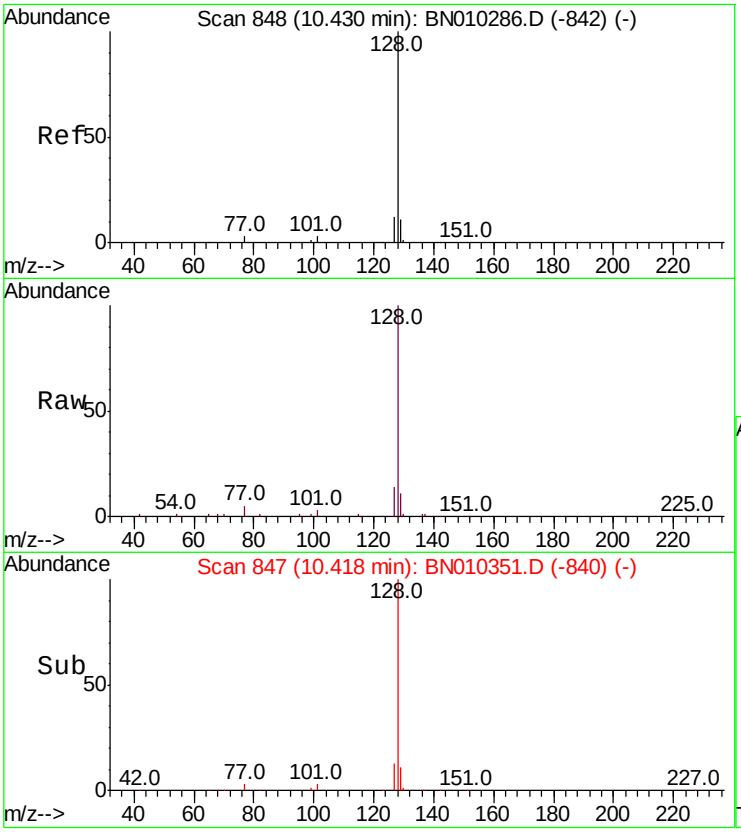


#8
Nitrobenzene-d5
Concen: 0.553 ng
RT: 8.74 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion: 82 Resp: 7409

Ion	Ratio	Lower	Upper
82	100		
128	43.3	28.8	43.2#
54	30.2	42.1	63.1#



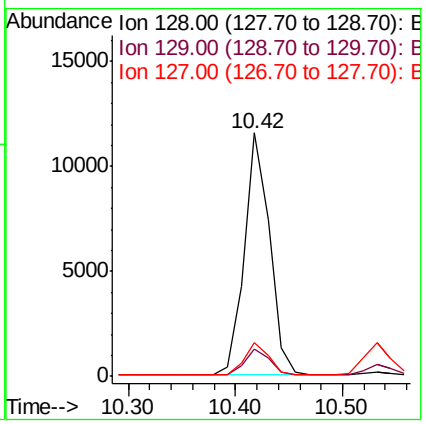


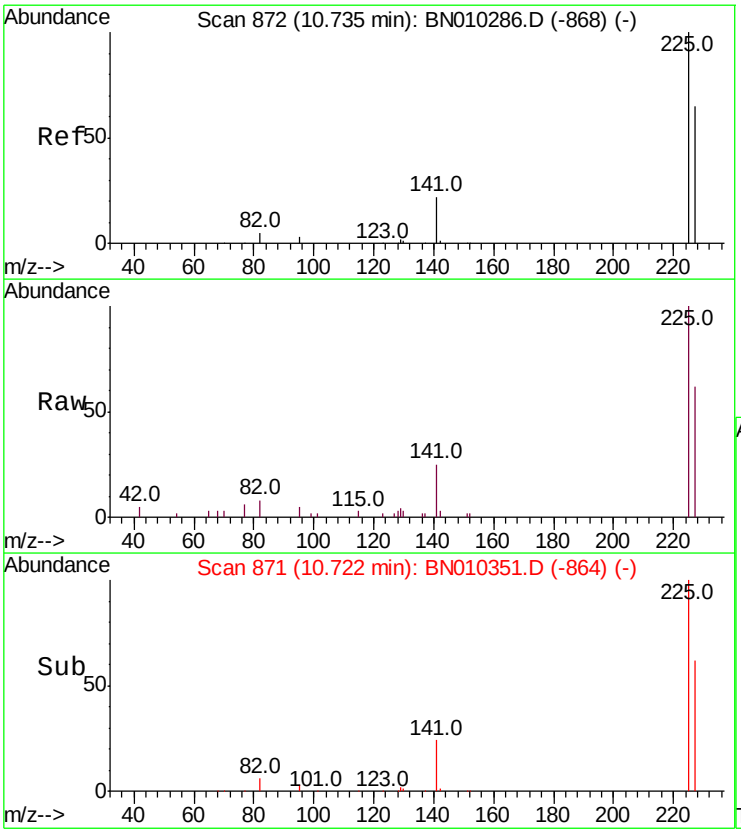
#9
Naphthalene
Concen: 0.364 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:128 Resp: 18962

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

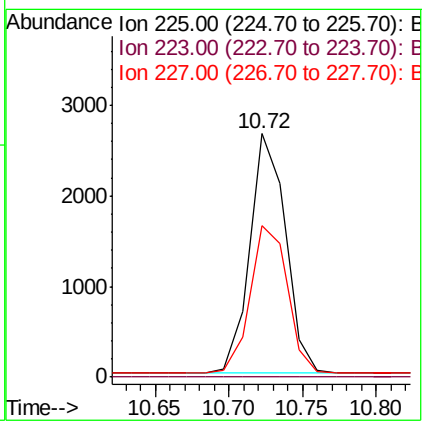


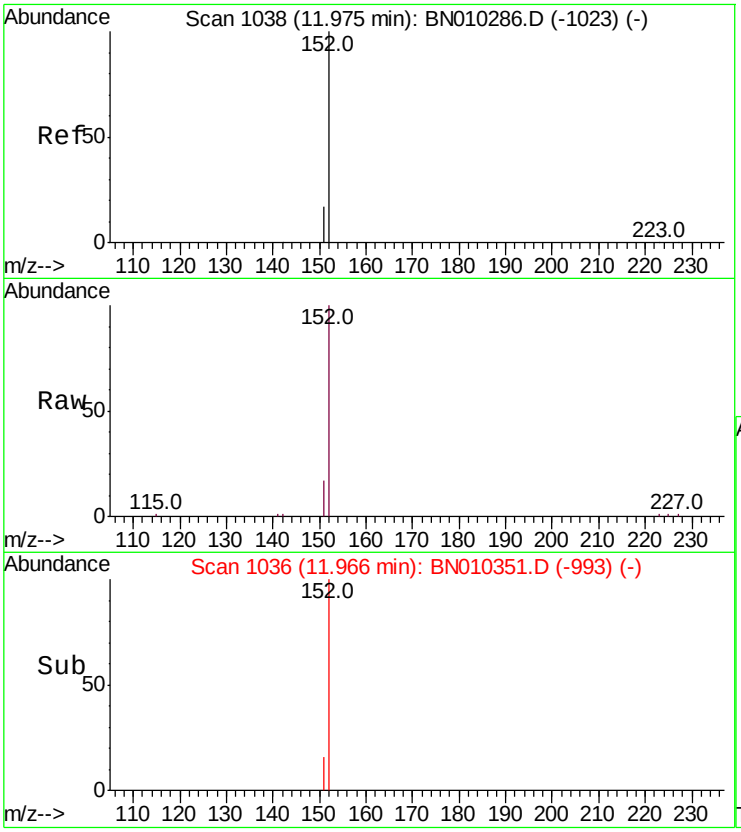


#10
Hexachlorobutadiene
Concen: 0.353 ng
RT: 10.72 min Scan# 871
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:225 Resp: 4457

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.9	77.9



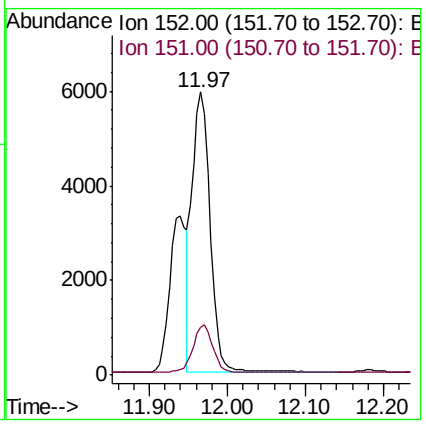


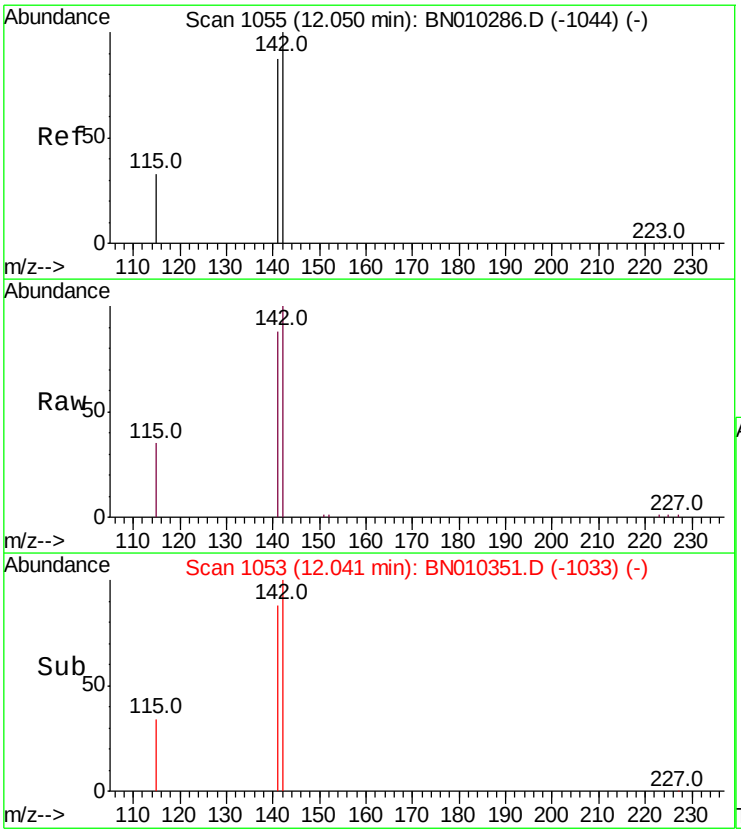
#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:152 Resp: 9455

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

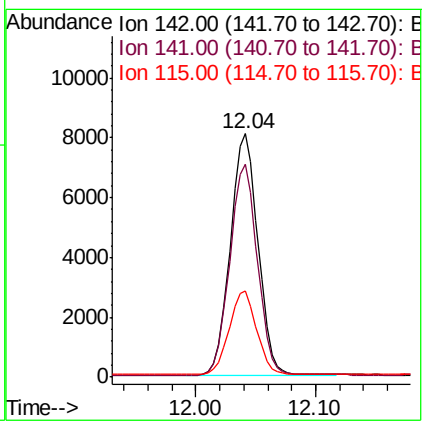


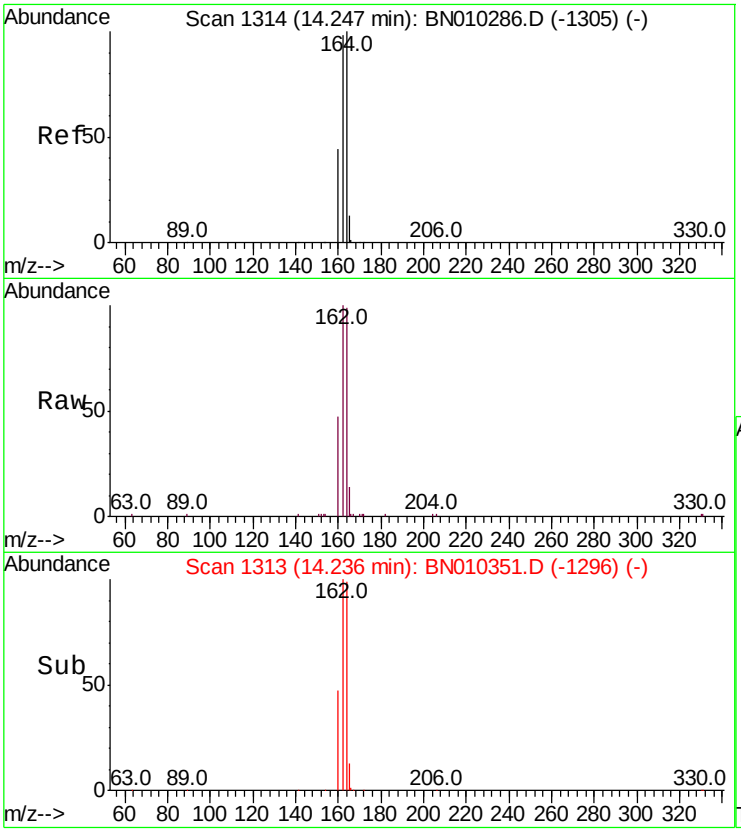


#12
2-Methylnaphthalene
Concen: 0.357 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:142 Resp: 12897

Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.5	104.3
115	35.2	27.5	41.3



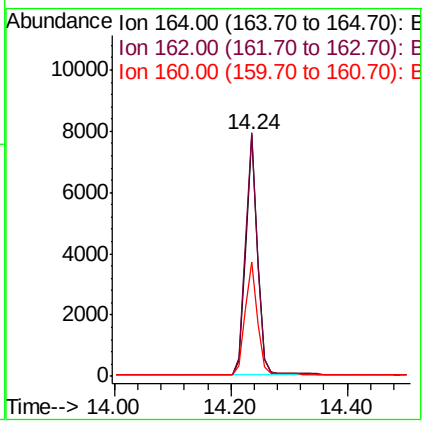


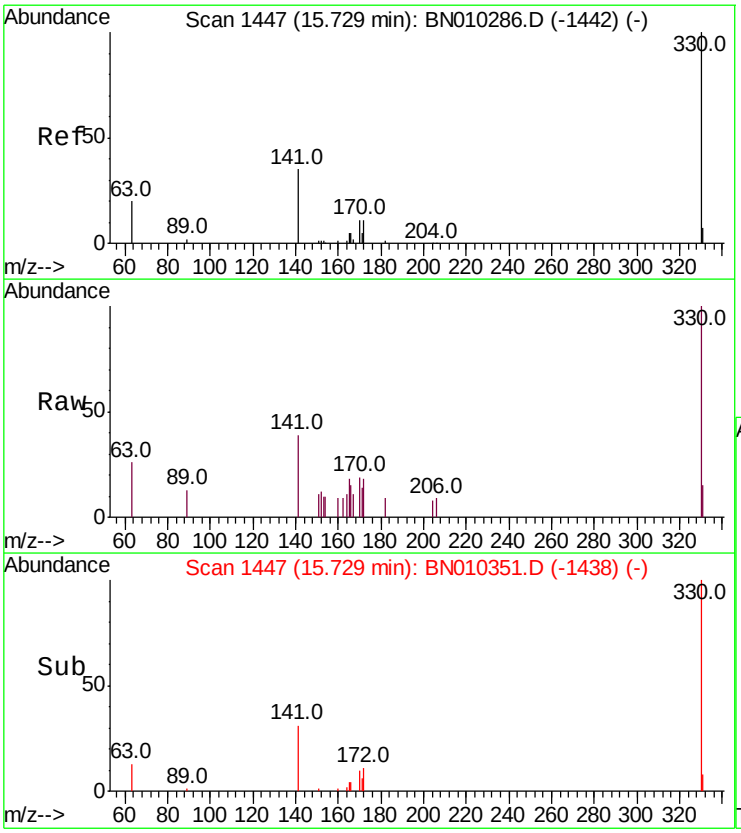
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:164 Resp: 11242

Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.2	117.2
160	47.6	35.8	53.6

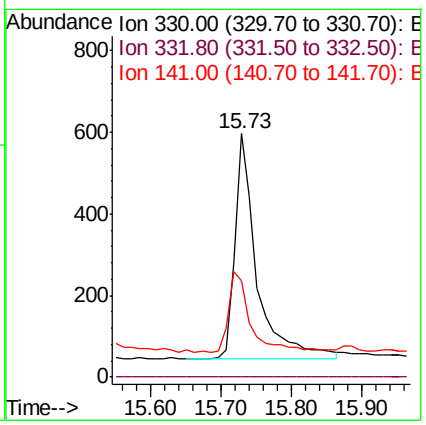


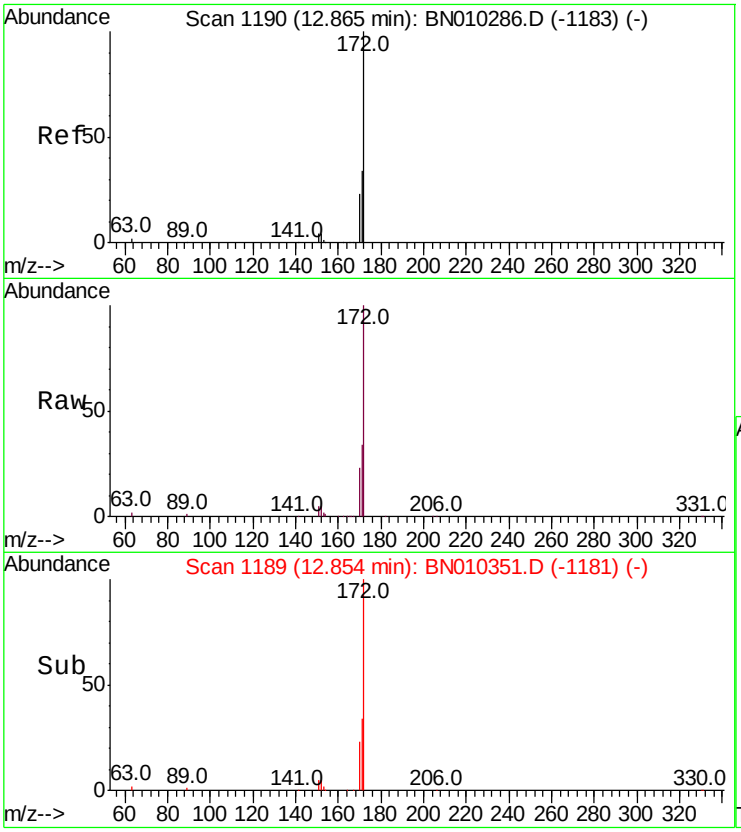


#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:330 Resp: 1197

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.8	29.3	43.9



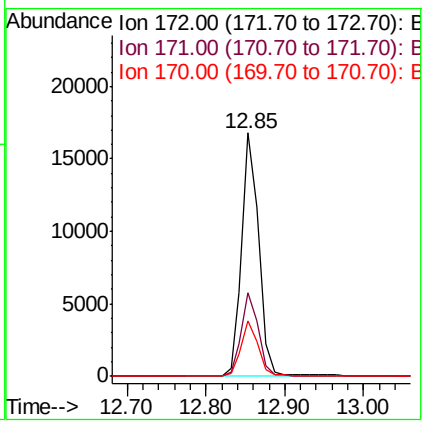


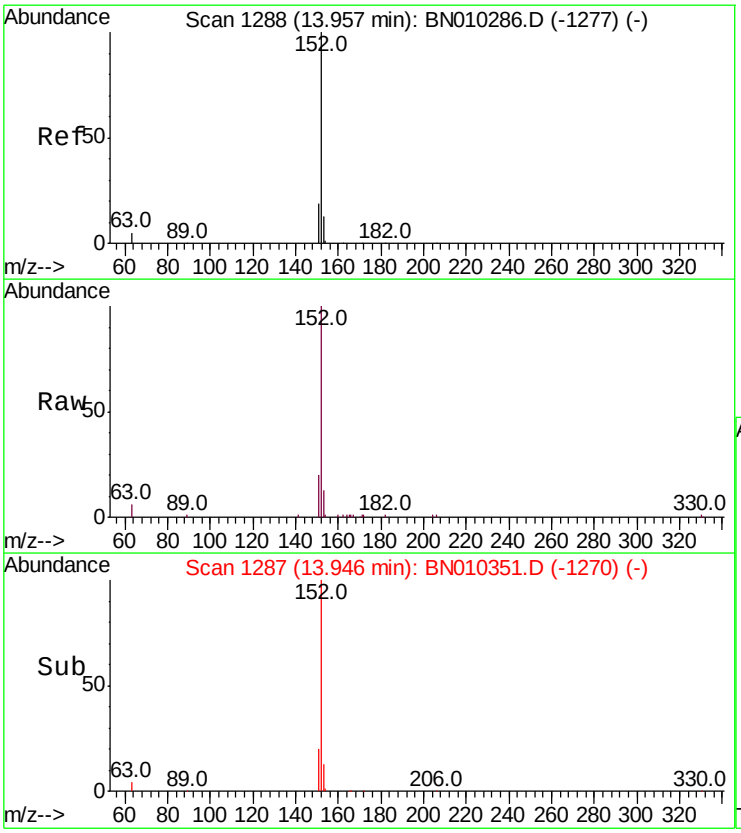
#15
2-Fluorobiphenyl
Concen: 0.583 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:172 Resp: 25091

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.6	41.4
170	23.0	18.5	27.7

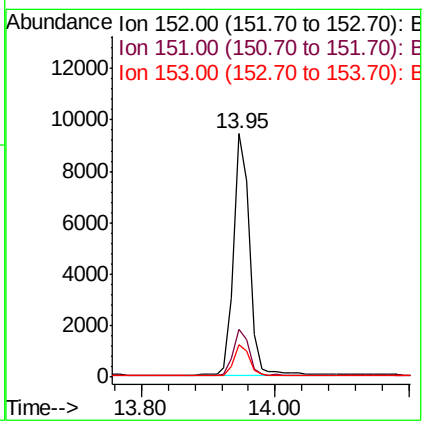


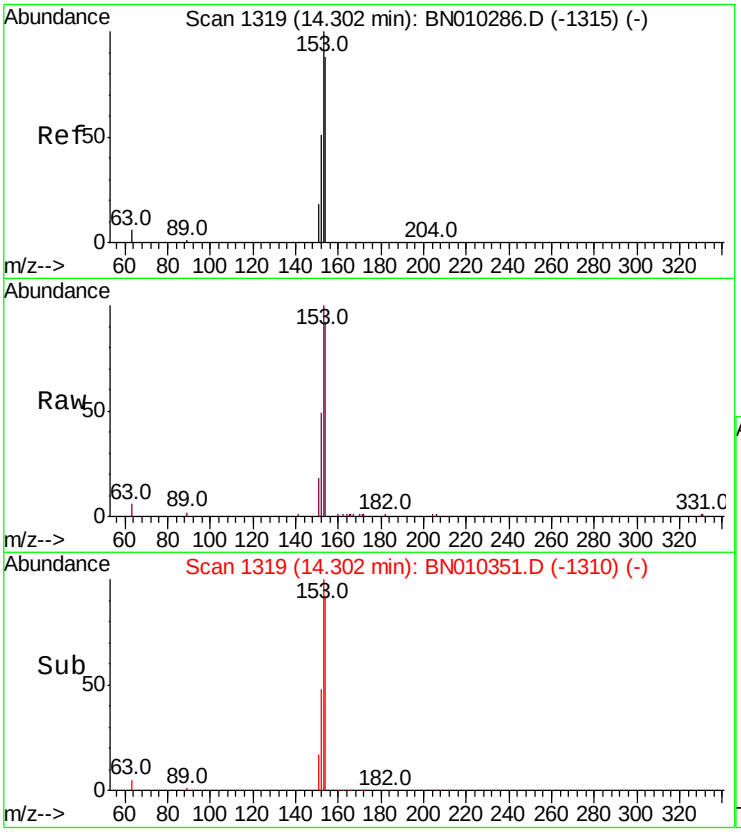


#16
Acenaphthylene
Concen: 0.352 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:152 Resp: 15549

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	12.9	10.6	15.8



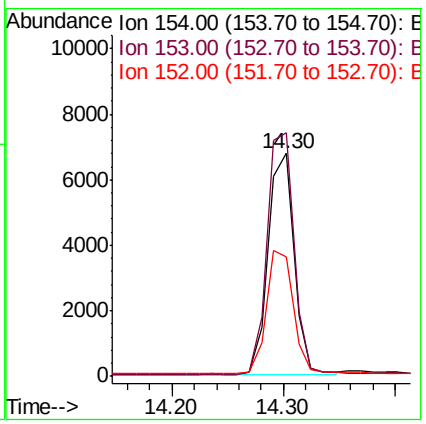


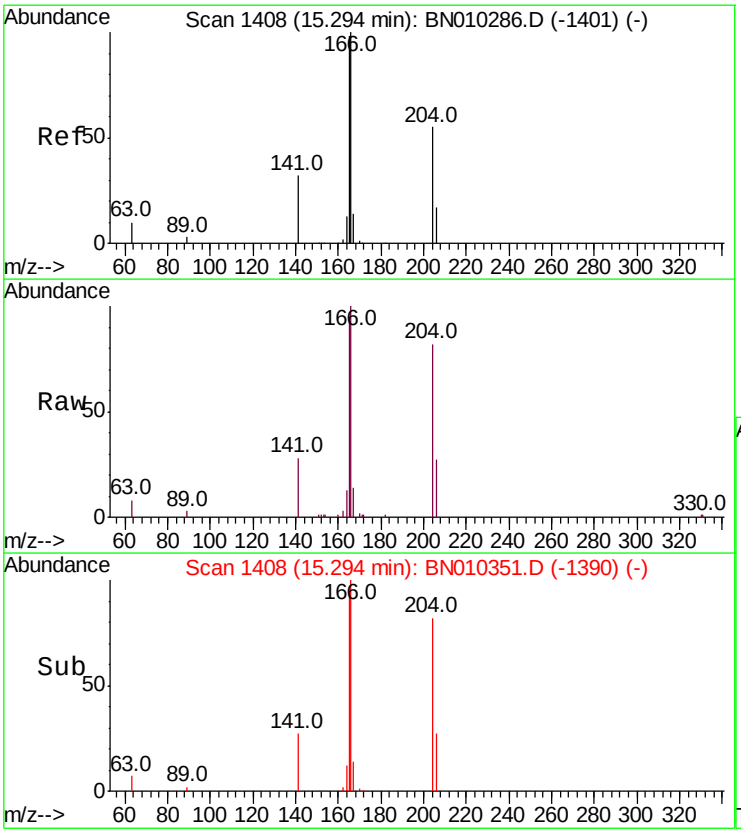
#17
Acenaphthene
Concen: 0.351 ng
RT: 14.30 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:154 Resp: 11043

Ion	Ratio	Lower	Upper
154	100		
153	114.8	88.1	132.1
152	58.1	45.5	68.3

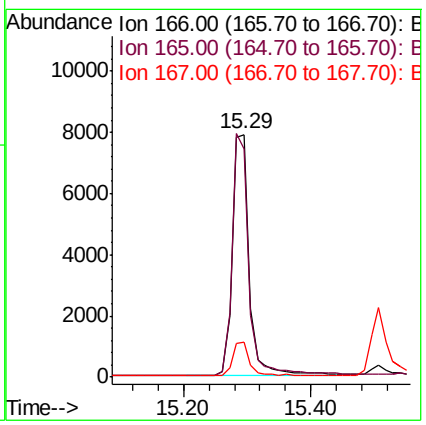


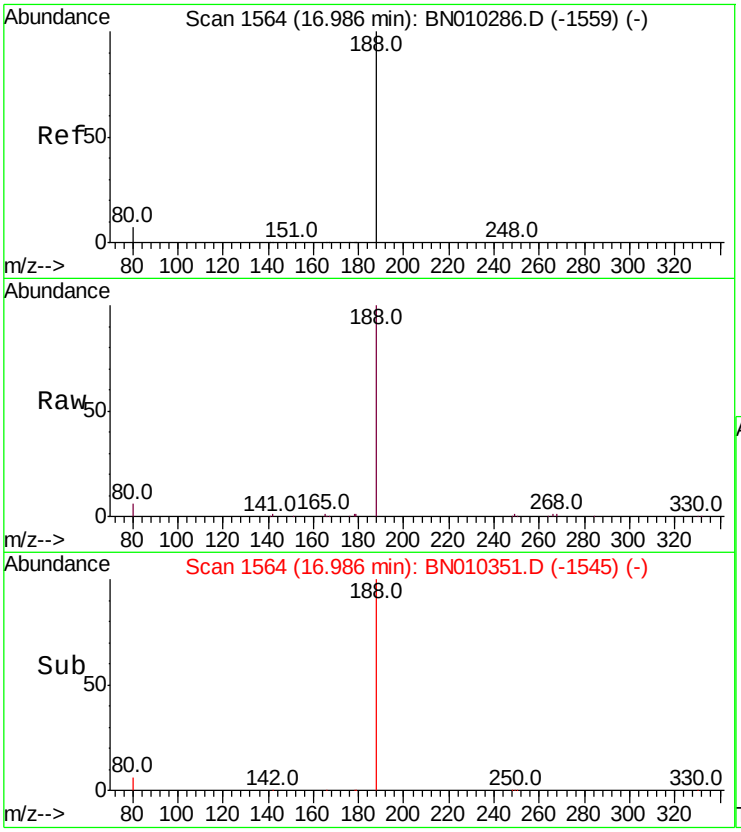


#18
Fluorene
Concen: 0.348 ng
RT: 15.29 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:166 Resp: 14514

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.7	118.1
167	14.0	11.0	16.4



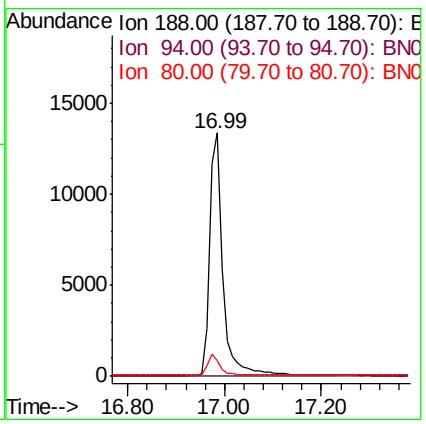


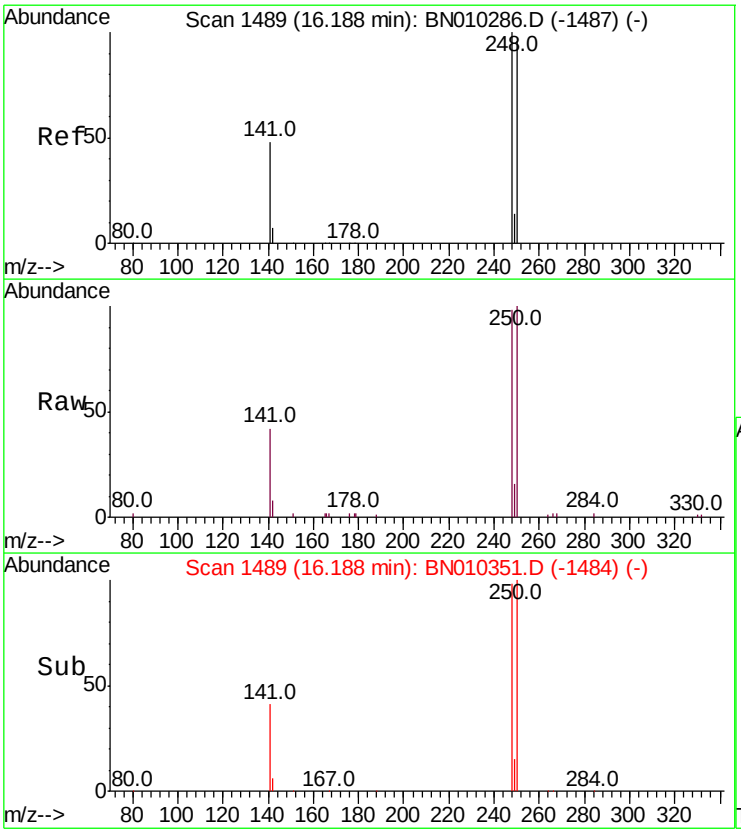
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:188 Resp: 25213

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.0	9.0

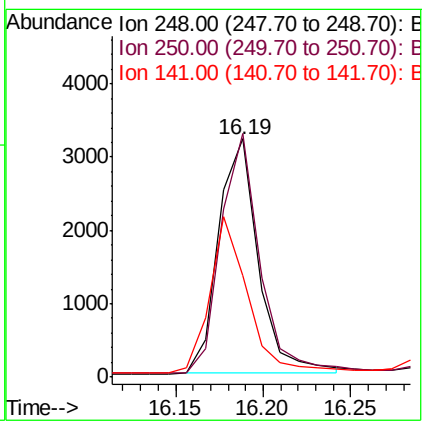


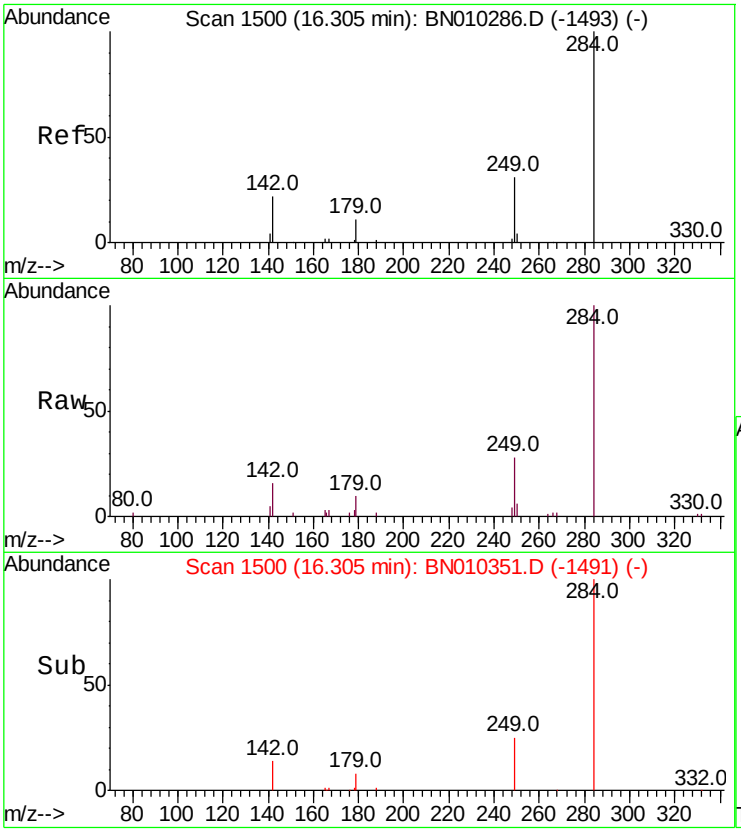


#20
4-Bromophenyl-phenylether
Concen: 0.325 ng
RT: 16.19 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:248 Resp: 4971

Ion	Ratio	Lower	Upper
248	100		
250	102.2	76.8	115.2
141	42.7	44.4	66.6#



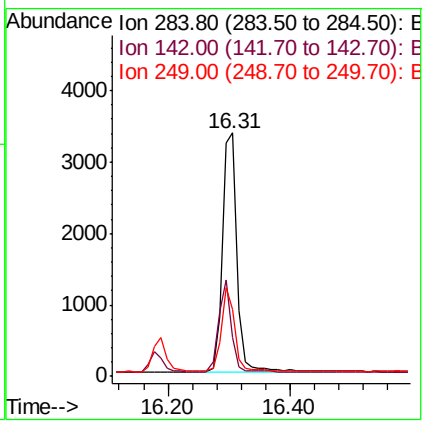


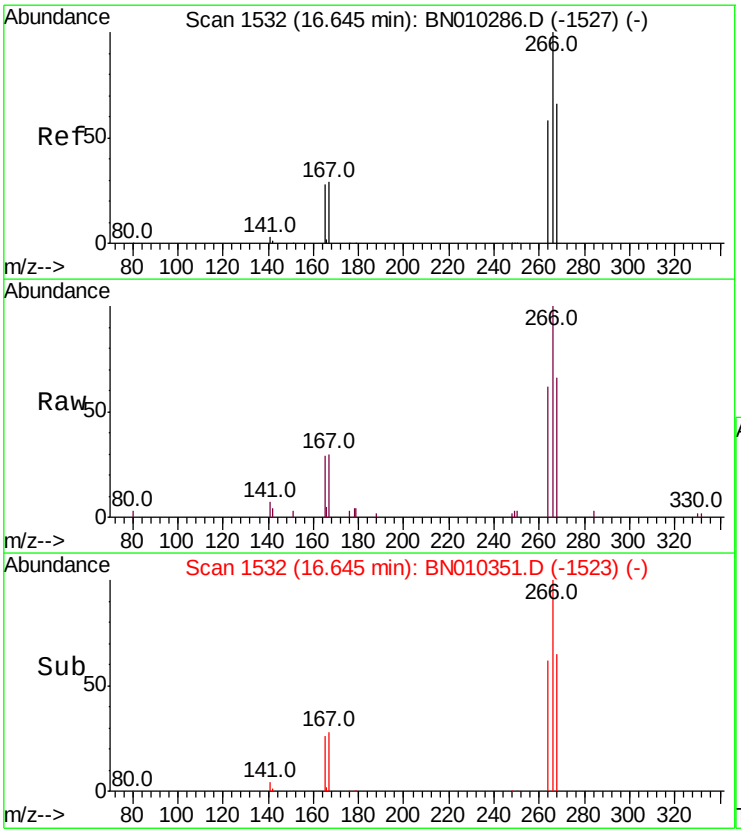
#21
Hexachlorobenzene
Concen: 0.361 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:284 Resp: 5666

Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.4	41.2
249	30.9	26.5	39.7

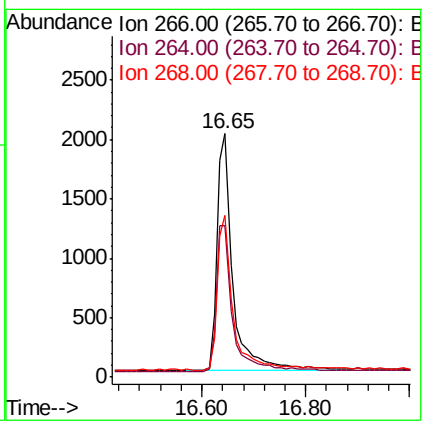


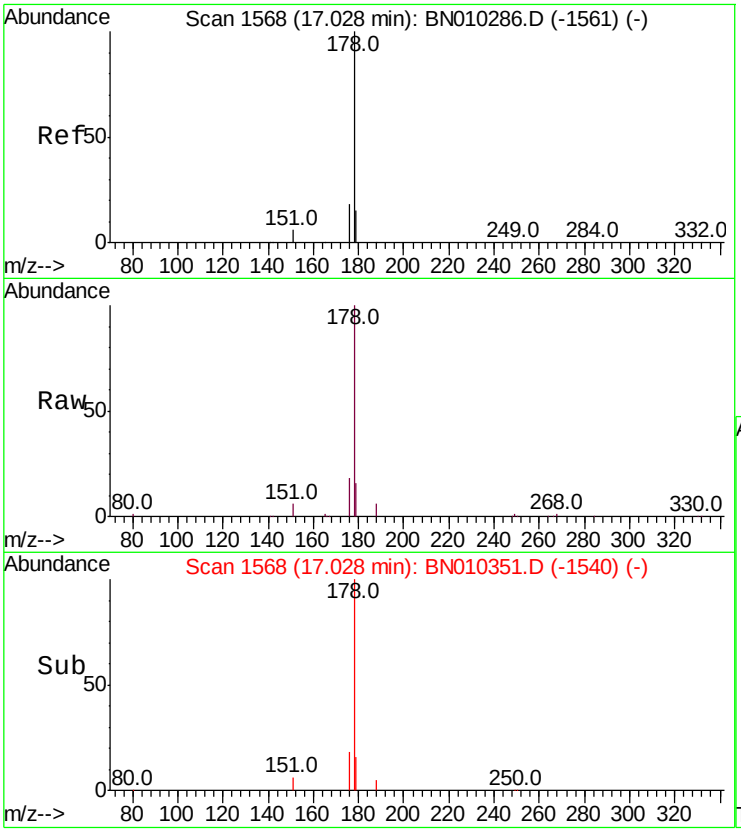


#22
Pentachlorophenol
Concen: 0.798 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:266 Resp: 4290

Ion	Ratio	Lower	Upper
266	100		
264	62.2	47.7	71.5
268	66.3	54.9	82.3



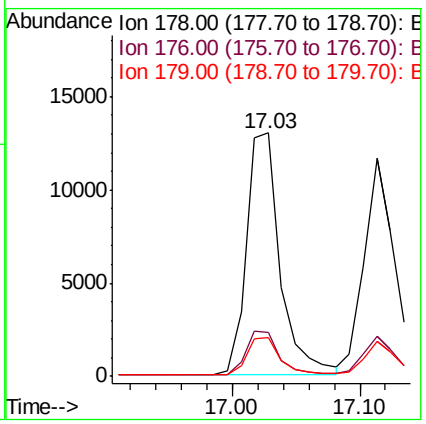


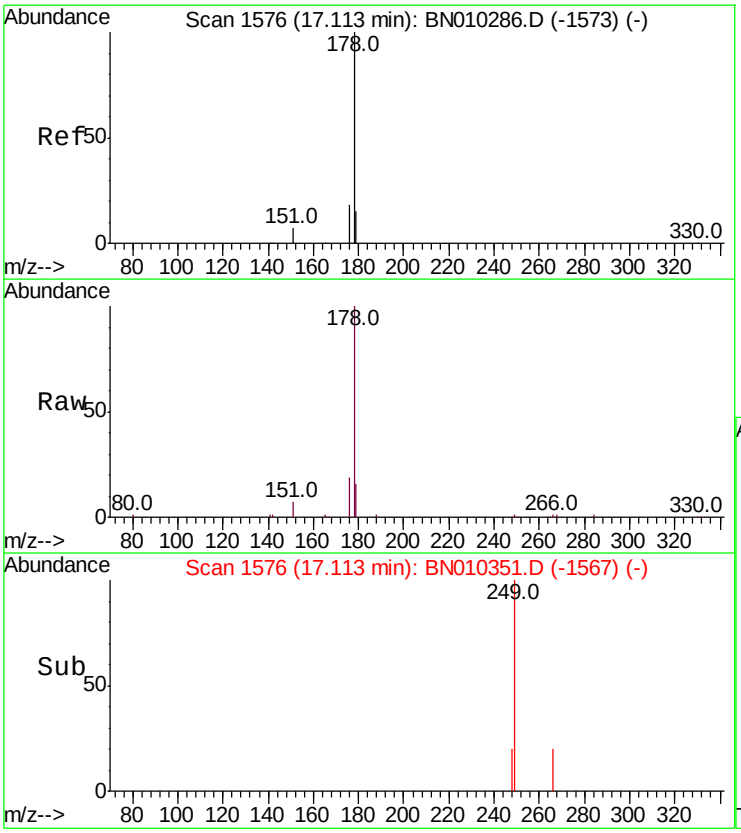
#23
Phenanthrene
Concen: 0.347 ng
RT: 17.03 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:178 Resp: 24082

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.5	12.4	18.6

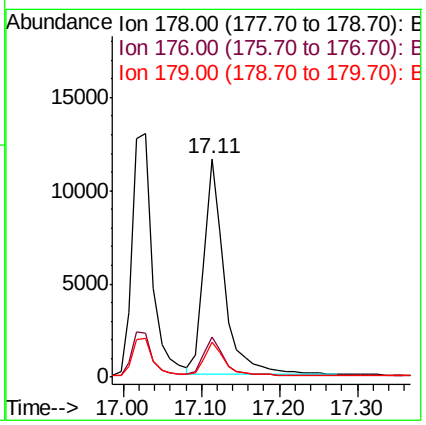


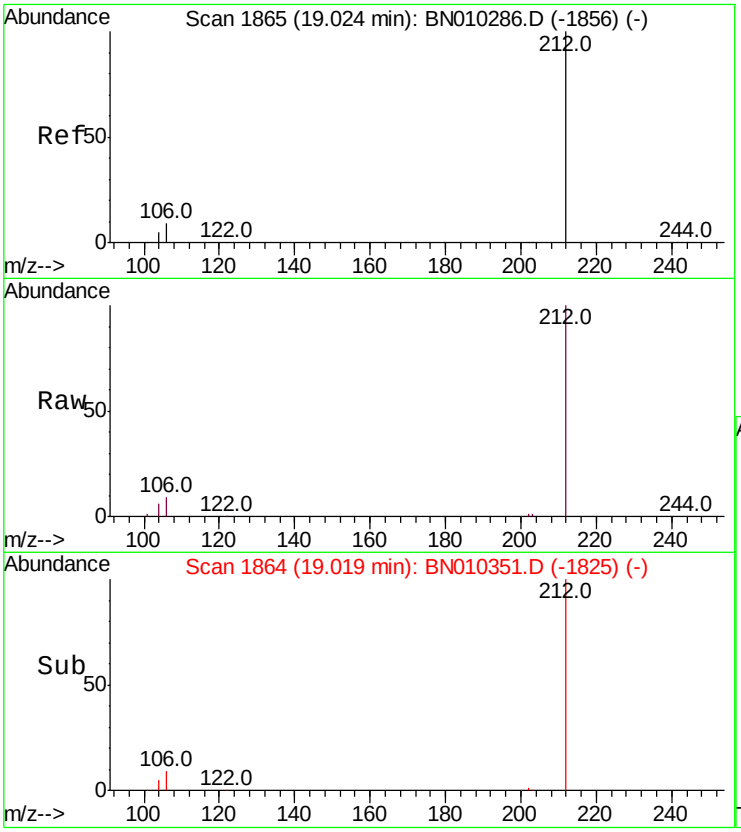


#24
Anthracene
Concen: 0.352 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:178 Resp: 20867

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.4	12.3	18.5



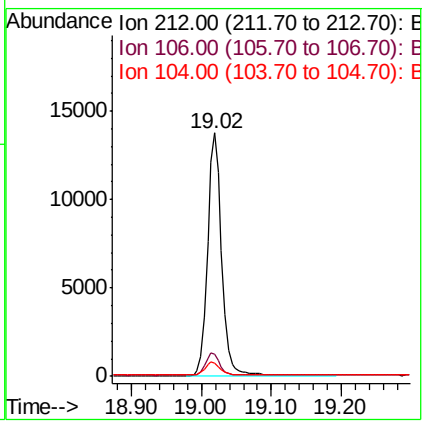


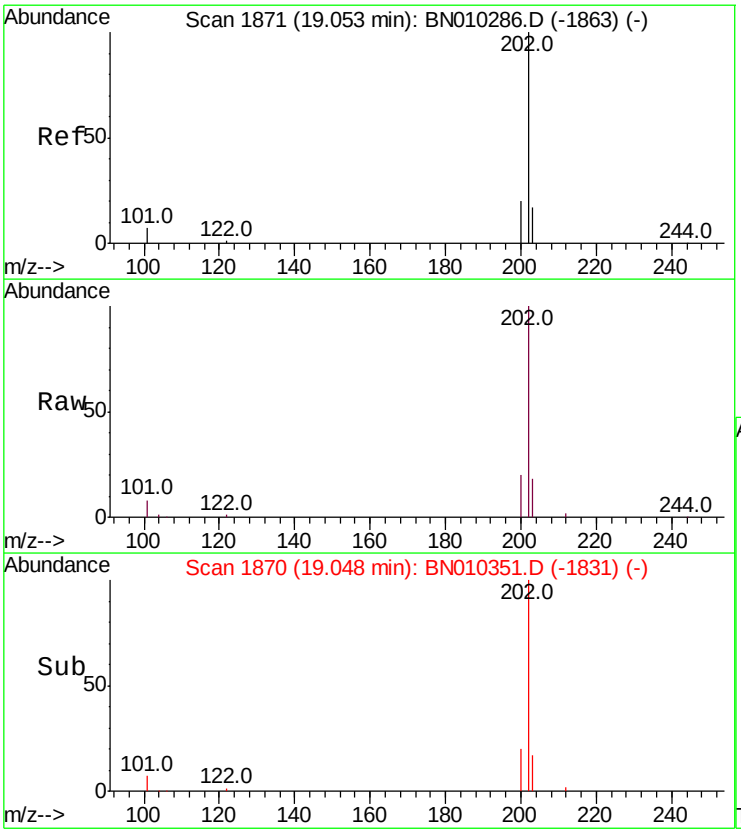
#25
Fluoranthene-d10
Concen: 0.252 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:212 Resp: 19197

Ion	Ratio	Lower	Upper
212	100		
106	9.4	7.4	11.2
104	5.4	4.2	6.4

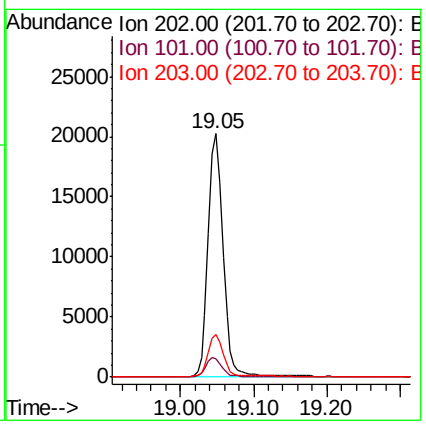


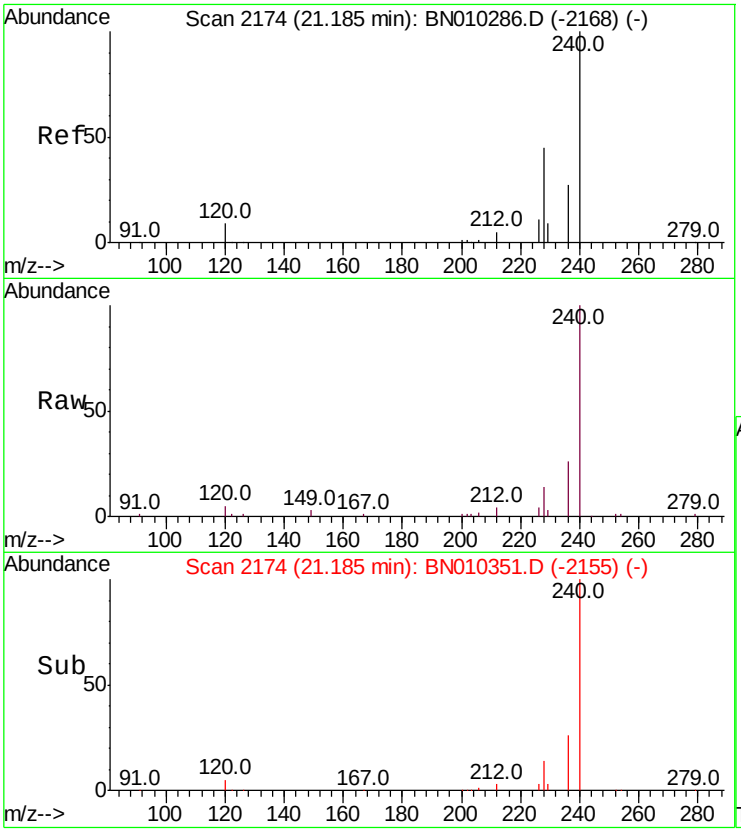


#26
Fluoranthene
Concen: 0.332 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:202 Resp: 28164

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



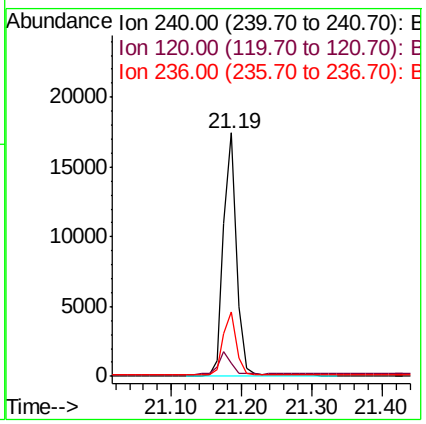


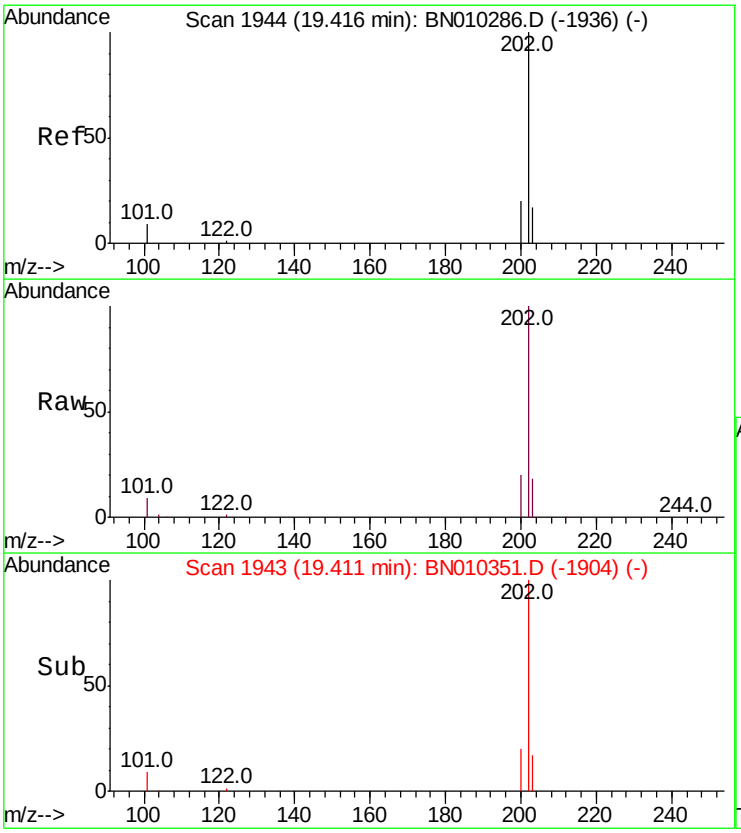
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:240 Resp: 22610

Ion	Ratio	Lower	Upper
240	100		
120	5.4	7.9	11.9#
236	26.4	22.2	33.4

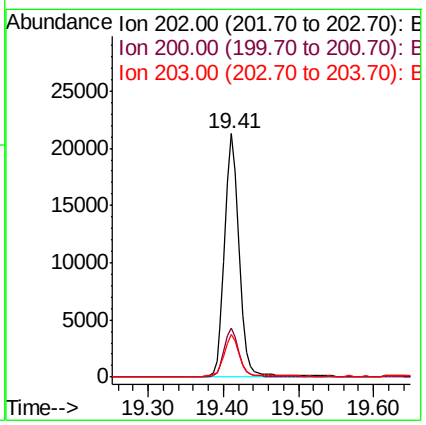


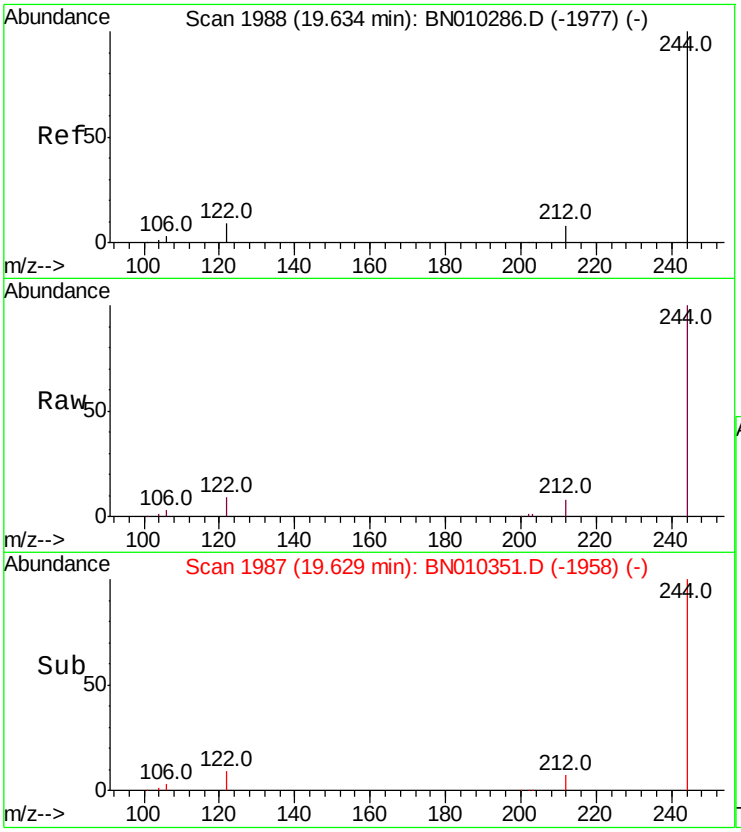


#28
Pyrene
Concen: 0.399 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:202 Resp: 28071

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.8	14.2	21.2



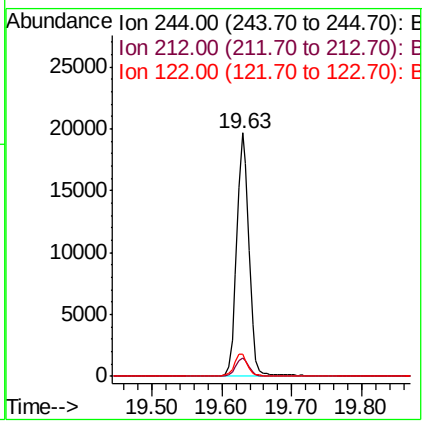


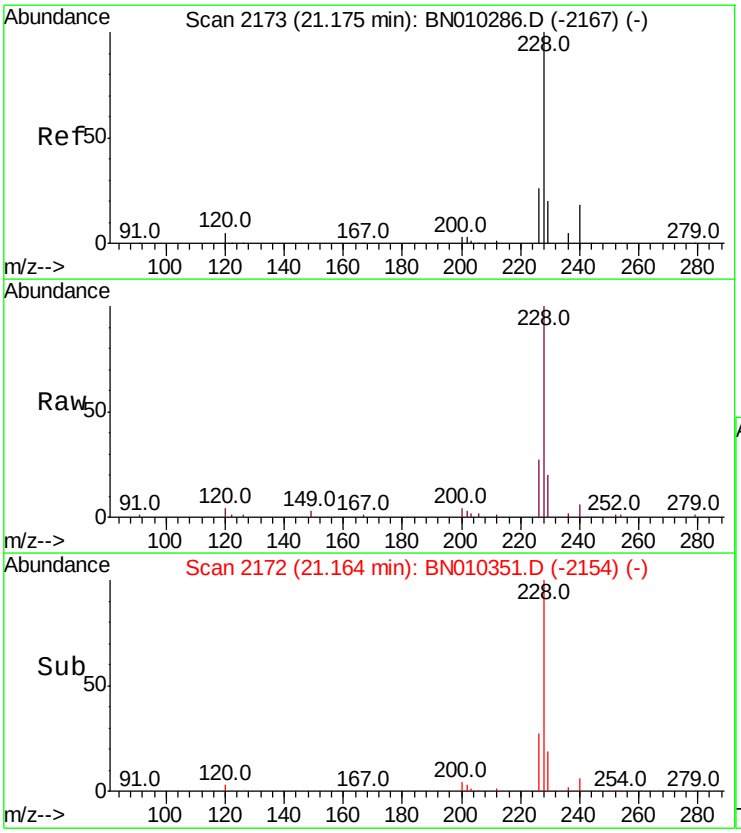
#29
Terphenyl-d14
Concen: 0.494 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:244 Resp: 24144

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	9.2	7.6	11.4

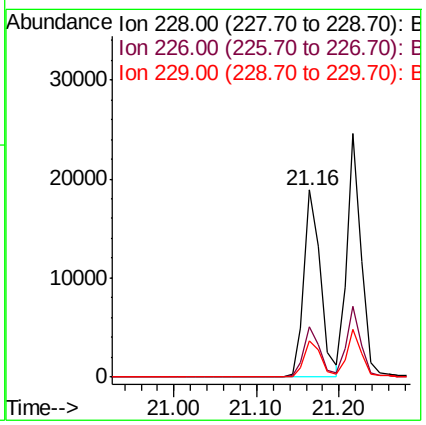


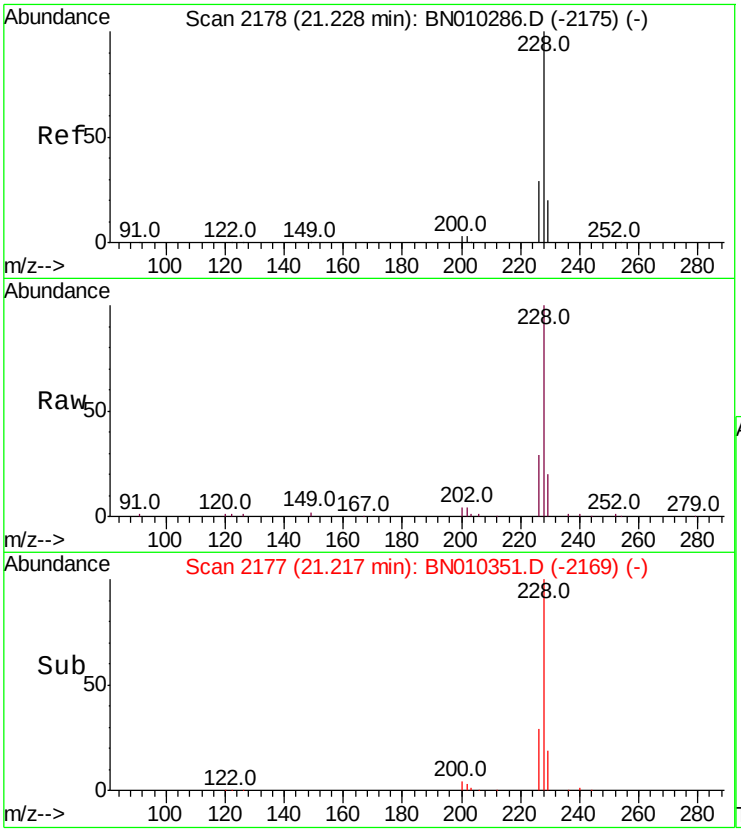


#30
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:228 Resp: 25939

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



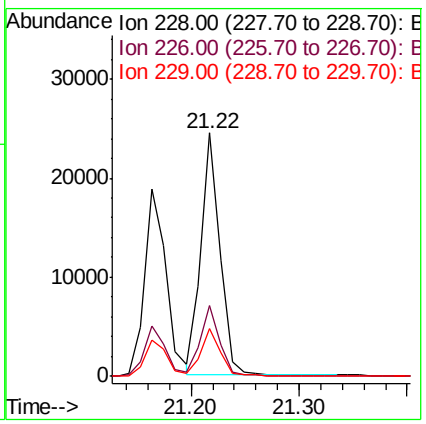


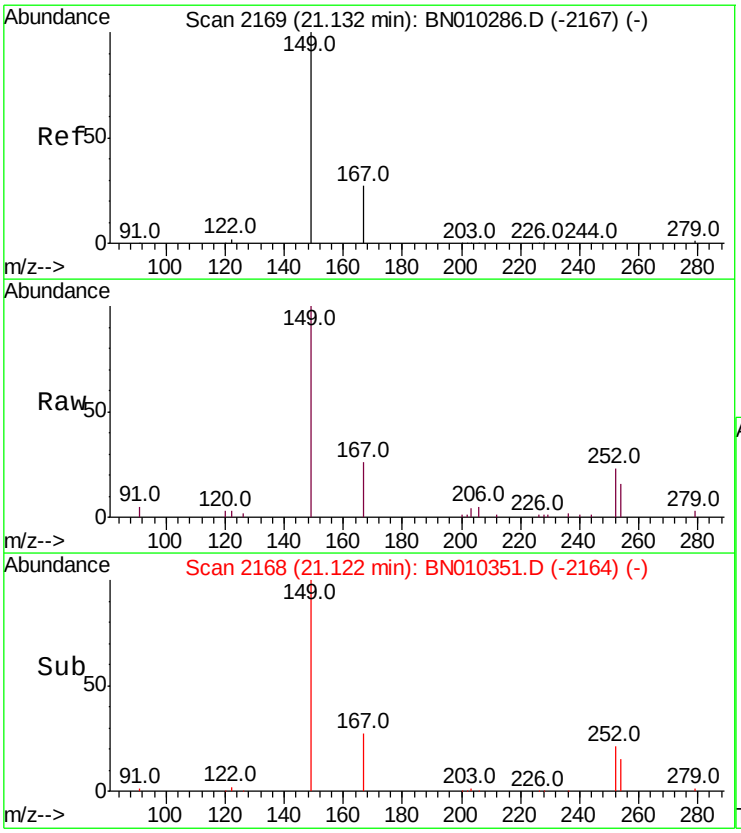
#31
Chrysene
Concen: 0.388 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:228 Resp: 29990

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	19.5	16.0	24.0

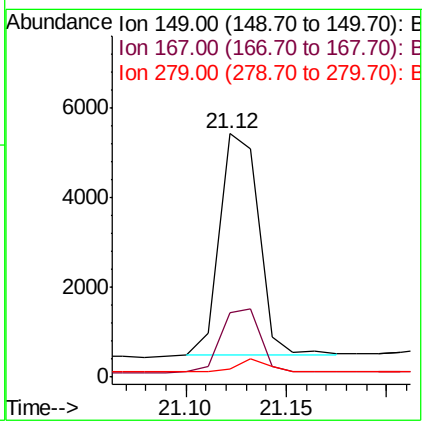


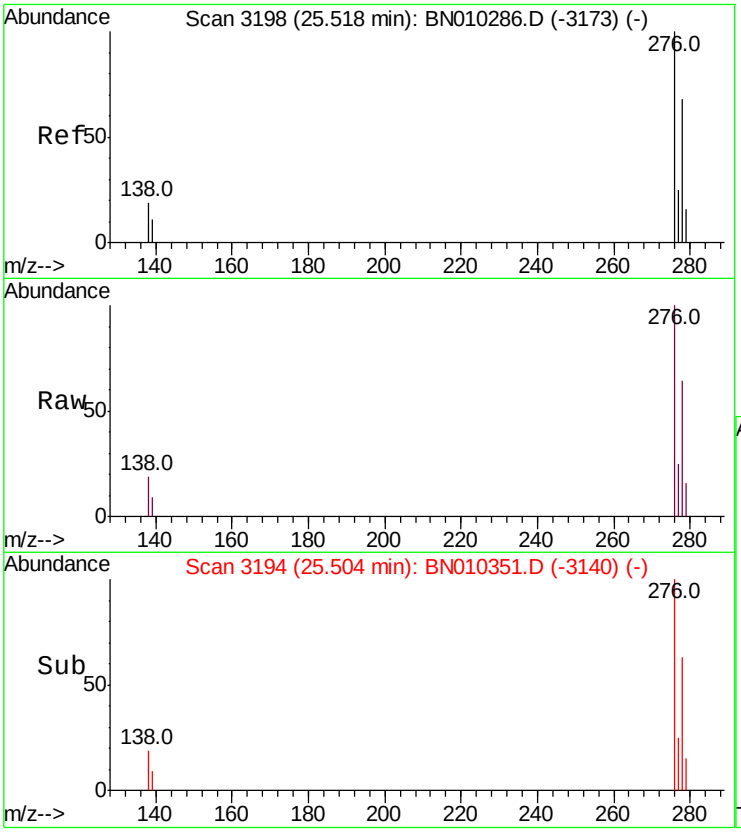


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.279 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:149 Resp: 6790

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.6
279	4.7	3.8	5.8



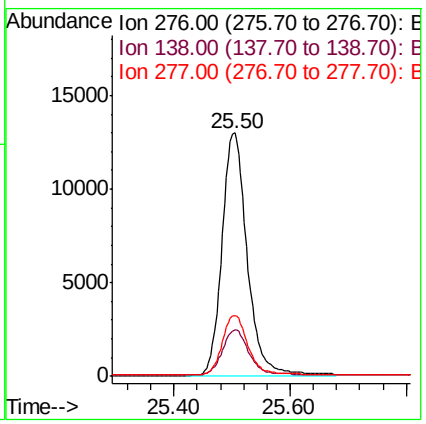


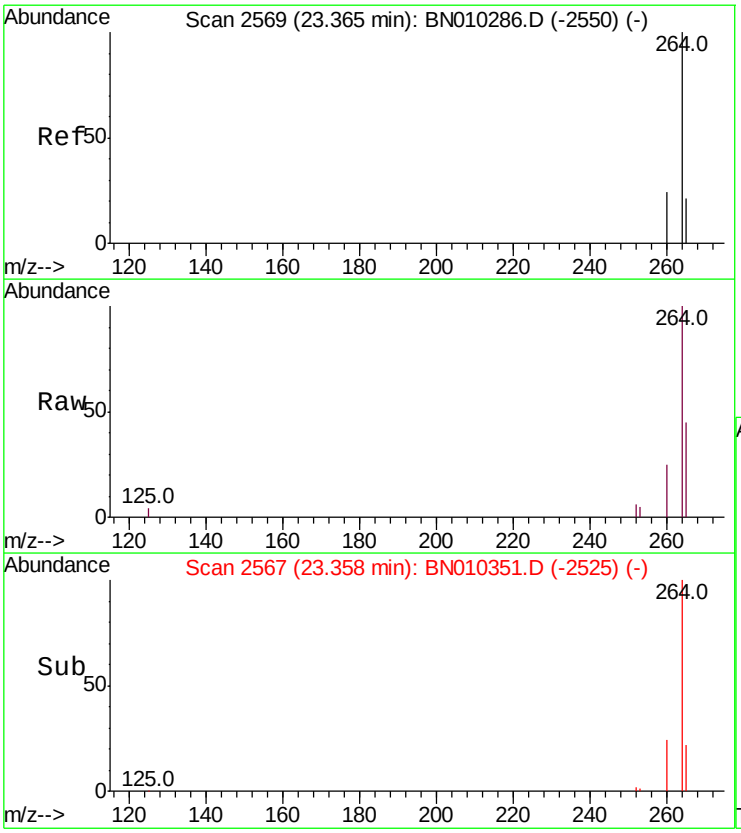
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.471 ng
RT: 25.50 min Scan# 3194
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:276 Resp: 38939

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.6	23.4
277	24.9	20.1	30.1

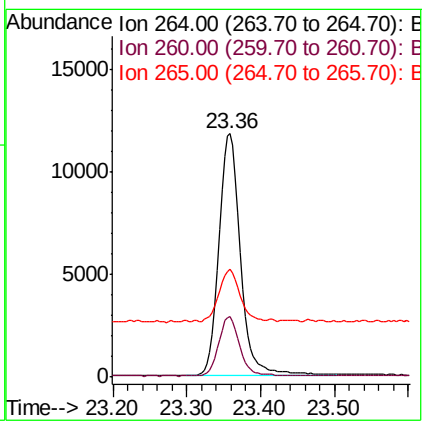


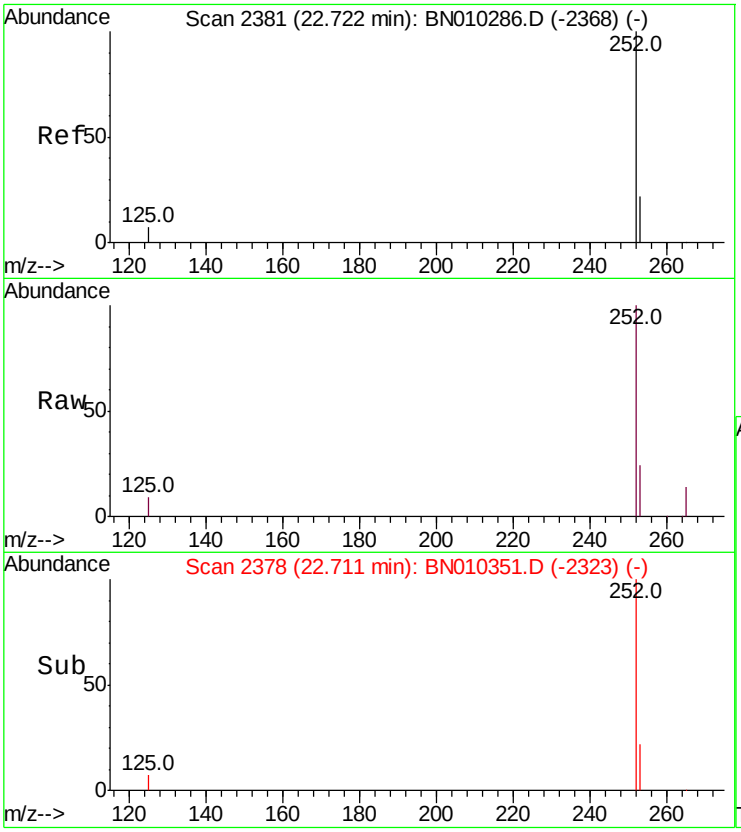


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:264 Resp: 23731

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	44.5	32.4	48.6



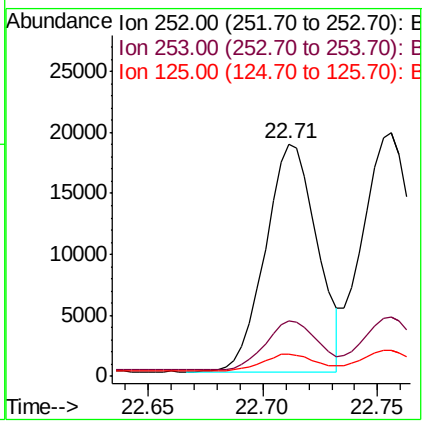


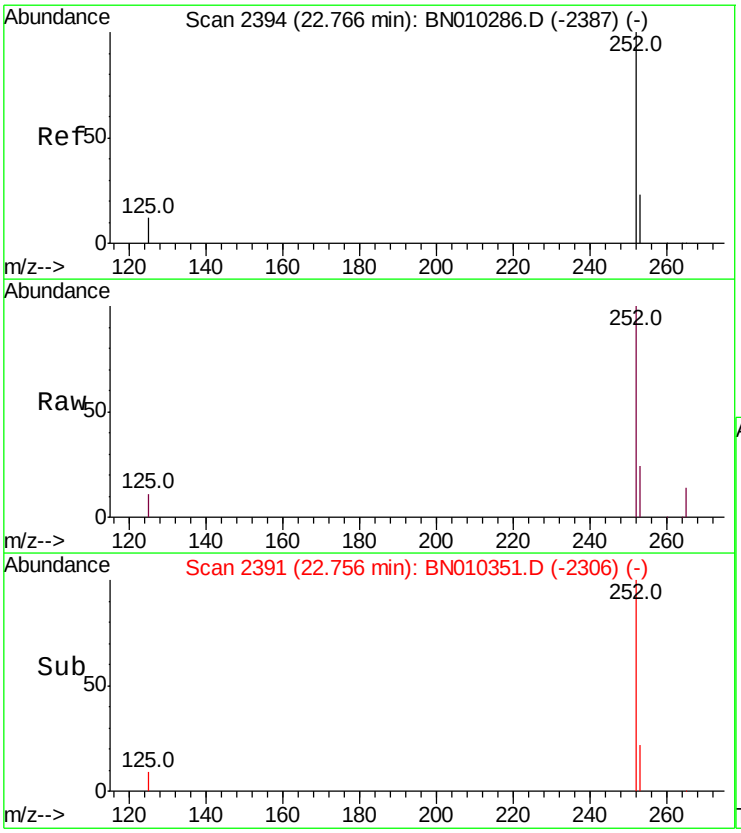
#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:252 Resp: 29197

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	9.4	7.4	11.0

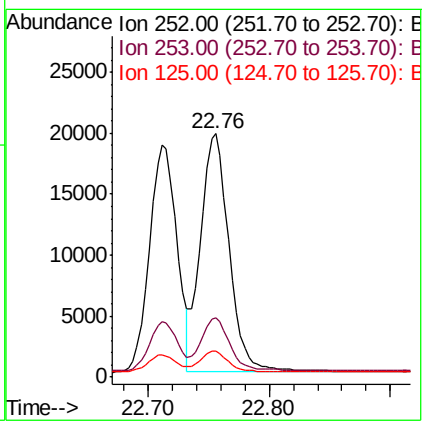


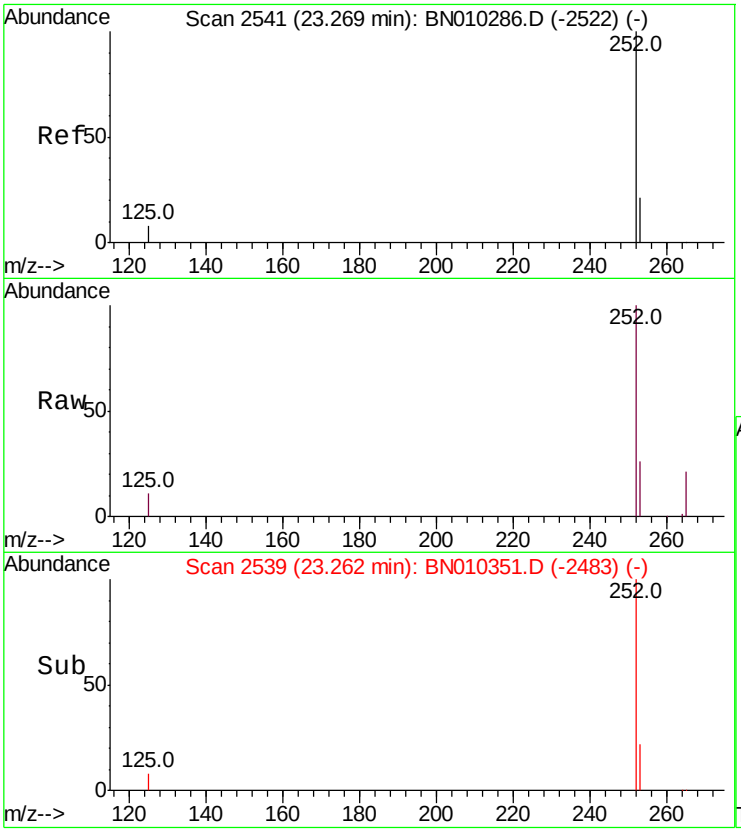


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:252 Resp: 32001

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.0
125	10.7	10.2	15.2



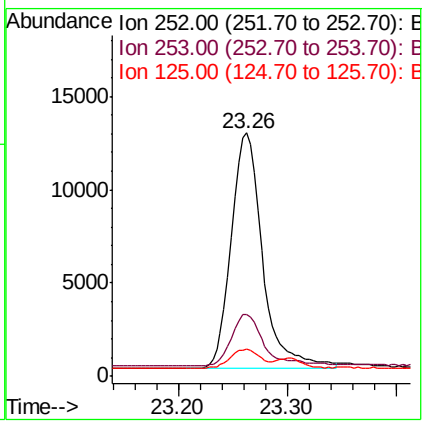


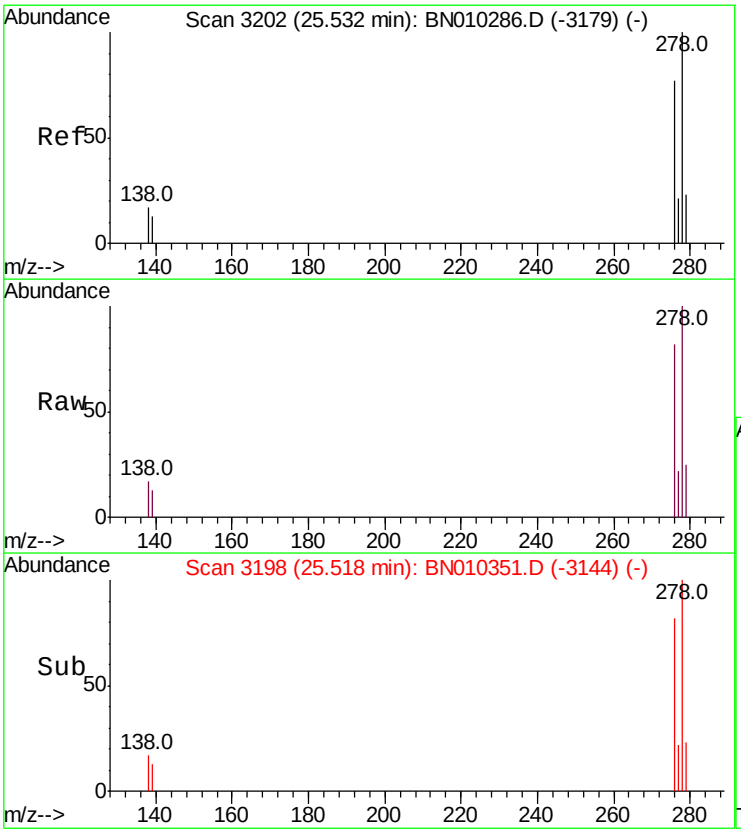
#37
Benzo(a)pyrene
Concen: 0.373 ng
RT: 23.26 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:252 Resp: 25385

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.9	29.9
125	11.2	8.9	13.3

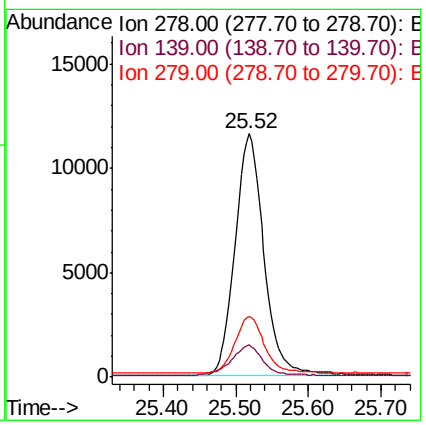


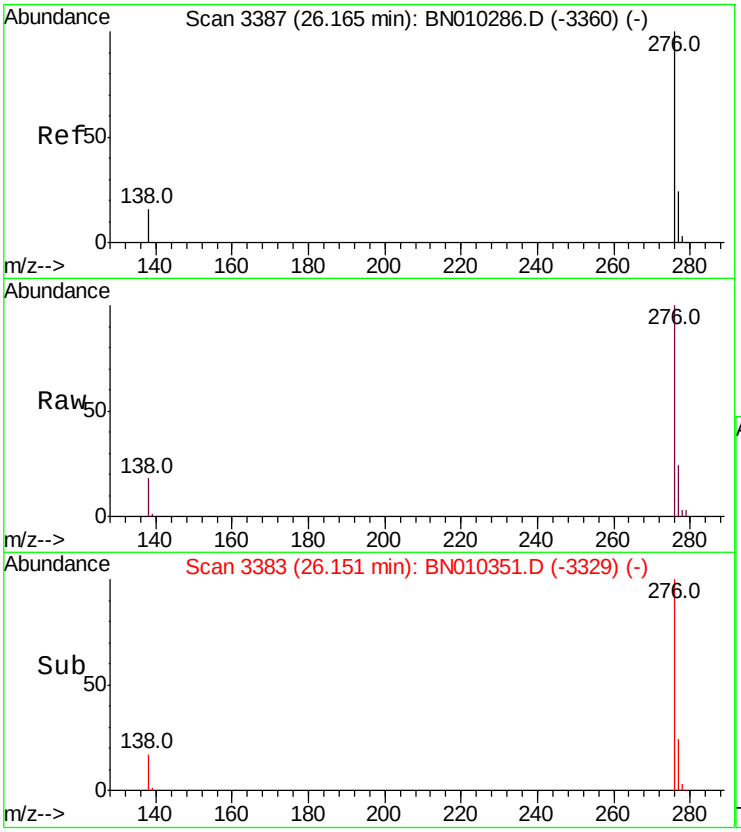


#38
Dibenzo(a,h)anthracene
Concen: 0.436 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Tgt Ion:278 Resp: 32032

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.6	16.0
279	24.9	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.432 ng
RT: 26.15 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BN010351.D
Acq: 27 Mar 2020 14:45

Instrument :
BNA_N
ClientSampleId :
PB127802BS

Tgt Ion:276 Resp: 31981

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	17.7	13.3	19.9