Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
Data File : BN010352.D
Acq On : 27 Mar 2020 15:21
Operator : CG/JU
Sample : PB127802BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127802BSD

Quant Time: Mar 27 17:20:36 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	5856	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	19948	0.40	ng		-0.01
13) Acenaphthene-d10	14.24	164	10672	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	24111	0.40	ng		0.00
27) Chrysene-d12	21.19	240	21377	0.40	ng		0.00
34) Perylene-d12	23.35	264	21148	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3883	0.34	ng		0.00
5) Phenol-d6	6.80	99	4550	0.32	ng		0.00
8) Nitrobenzene-d5	8.74	82	6834	0.53	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	8700	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1114	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	23160	0.57	ng		-0.01
25) Fluoranthene-d10	19.02	212	17474	0.24	ng		0.00
29) Terphenyl-d14	19.63	244	21952	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1403	0.255	ng	#	85
3) n-Nitrosodimethylamine	3.55	42	1151	0.248	ng	#	38
6) bis(2-Chloroethyl)ether	7.05	93	5271	0.381	ng		90
9) Naphthalene	10.42	128	18219	0.366	ng		99
10) Hexachlorobutadiene	10.72	225	4253	0.353	ng	#	99
12) 2-Methylnaphthalene	12.04	142	12242	0.355	ng		100
16) Acenaphthylene	13.95	152	14679	0.351	ng		99
17) Acenaphthene	14.30	154	10490	0.352	ng		97
18) Fluorene	15.28	166	13807	0.348	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	4713	0.322	ng	#	89
21) Hexachlorobenzene	16.31	284	5253	0.350	ng		98
22) Pentachlorophenol	16.63	266	4114	0.800	ng		93
23) Phenanthrene	17.02	178	22667	0.342	ng		100
24) Anthracene	17.11	178	19817	0.350	ng		100
26) Fluoranthene	19.05	202	26514	0.326	ng		99
28) Pyrene	19.41	202	26260	0.395	ng		100
30) Benzo(a)anthracene	21.16	228	24340	0.357	ng		99
31) Chrysene	21.22	228	27700	0.379	ng		100
32) Bis(2-ethylhexyl)phthalate	21.12	149	6341	0.276	ng		98
33) Indeno(1,2,3-cd)pyrene	25.50	276	32785	0.419	ng		99
35) Benzo(b)fluoranthene	22.71	252	26934	0.375	ng		99
36) Benzo(k)fluoranthene	22.75	252	27709	0.379	ng	#	97
37) Benzo(a)pyrene	23.26	252	24292	0.401	ng		98
38) Dibenzo(a,h)anthracene	25.52	278	27593	0.421	ng		99
39) Benzo(g,h,i)perylene	26.15	276	29011	0.440	ng		99

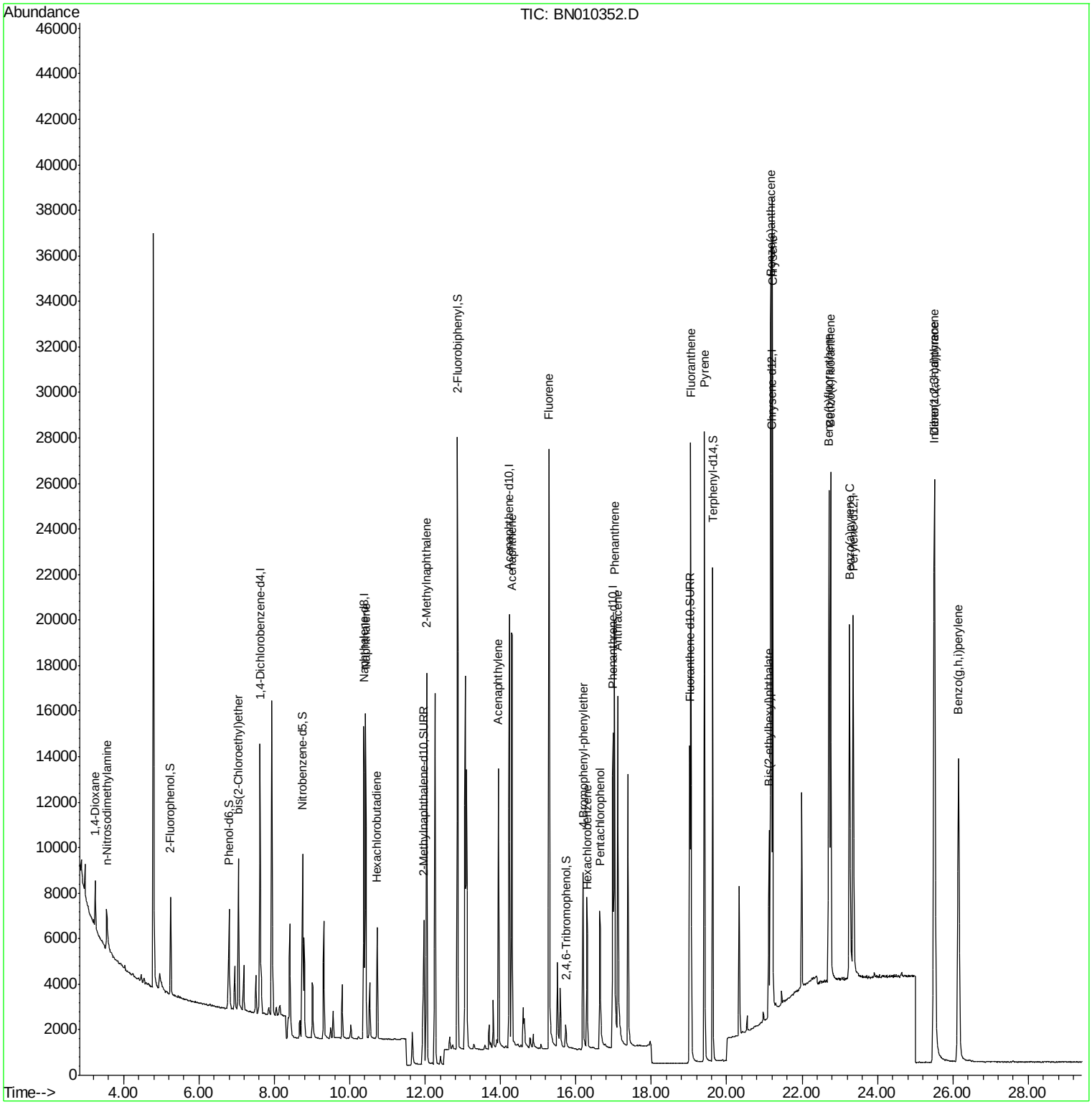
(#) = qualifier out of range (m) = manual integration (+) = signals summed

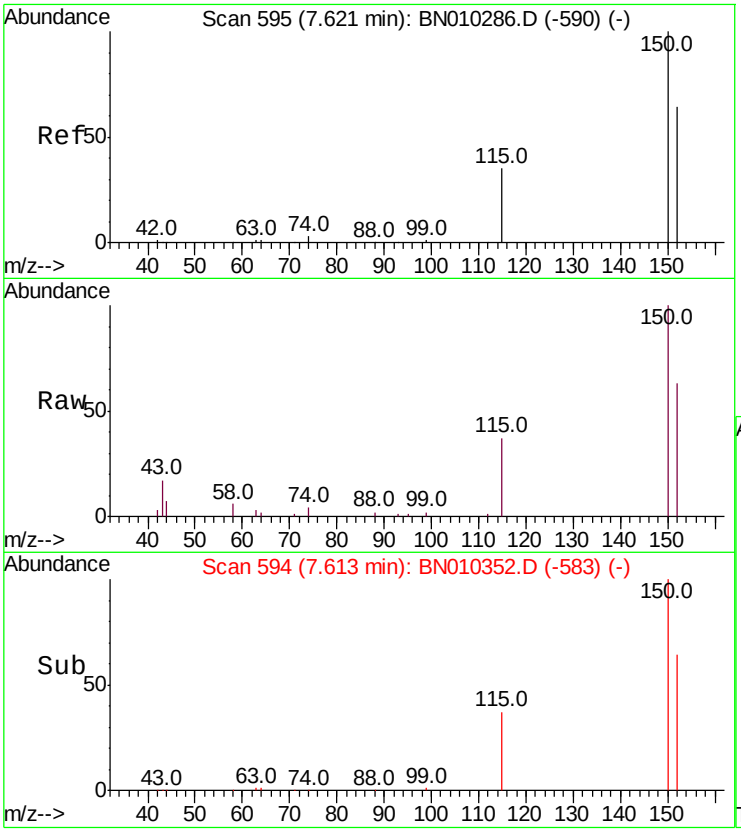
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
Data File : BN010352.D
Acq On : 27 Mar 2020 15:21
Operator : CG/JU
Sample : PB127802BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Quant Time: Mar 27 17:20:36 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



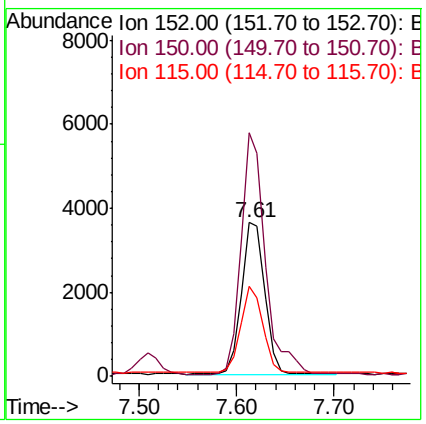


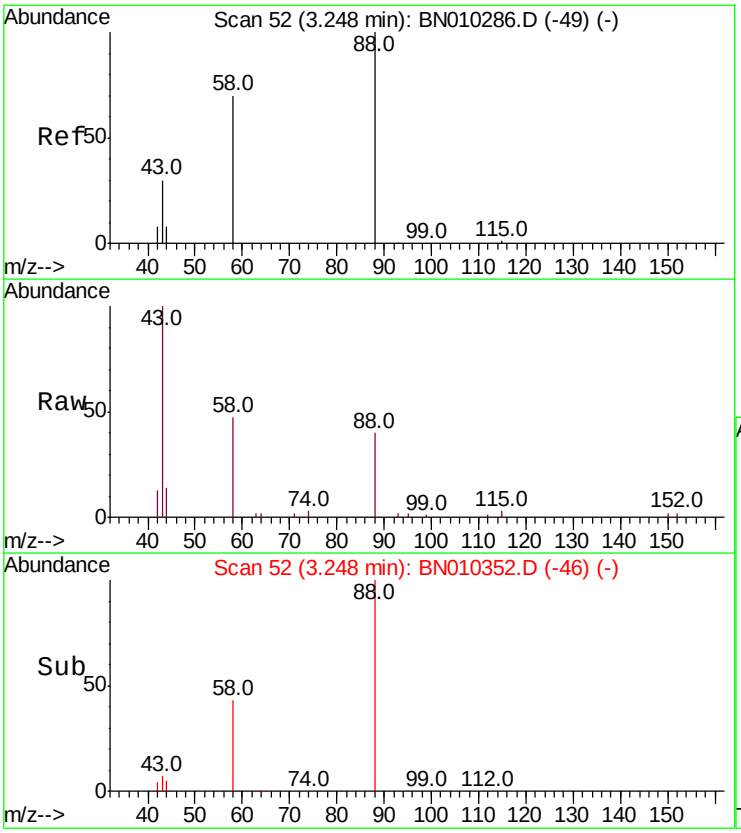
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:152 Resp: 5856

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.1	184.7
115	58.4	45.2	67.8

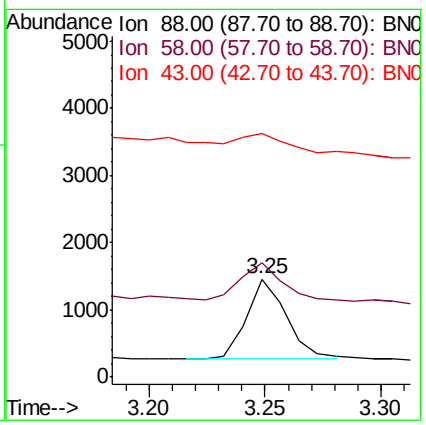


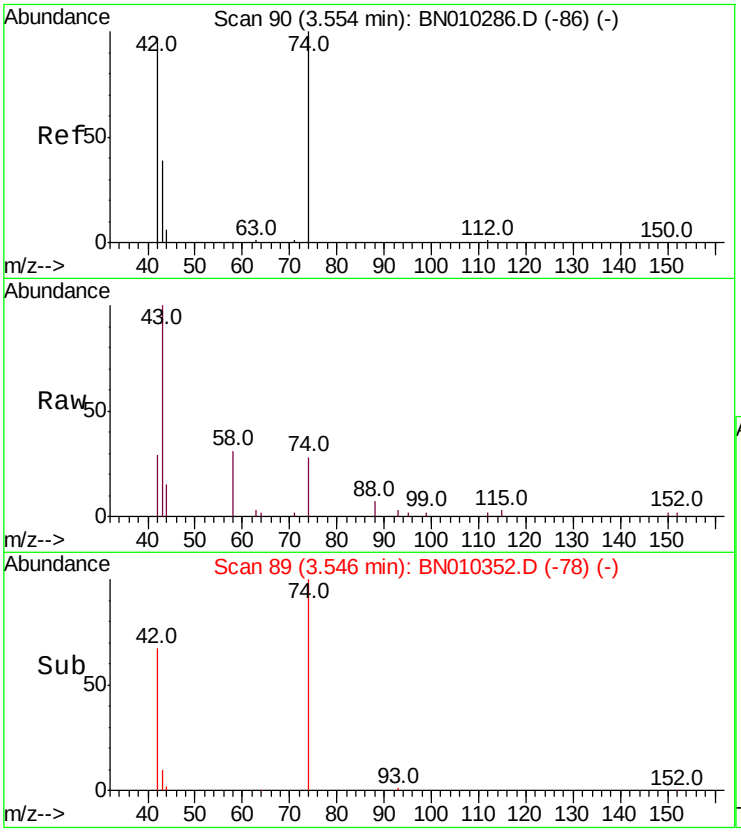


#2
1,4-Dioxane
Concen: 0.255 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion: 88 Resp: 1403

Ion	Ratio	Lower	Upper
88	100		
58	48.2	51.7	77.5#
43	25.8	21.2	31.8



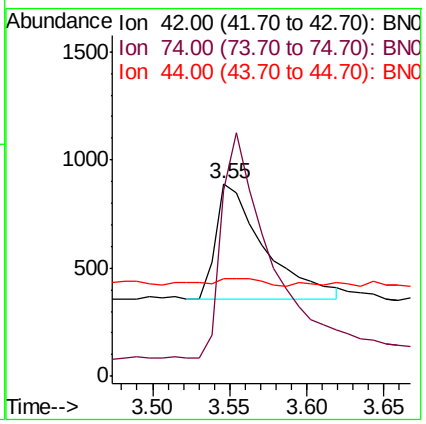


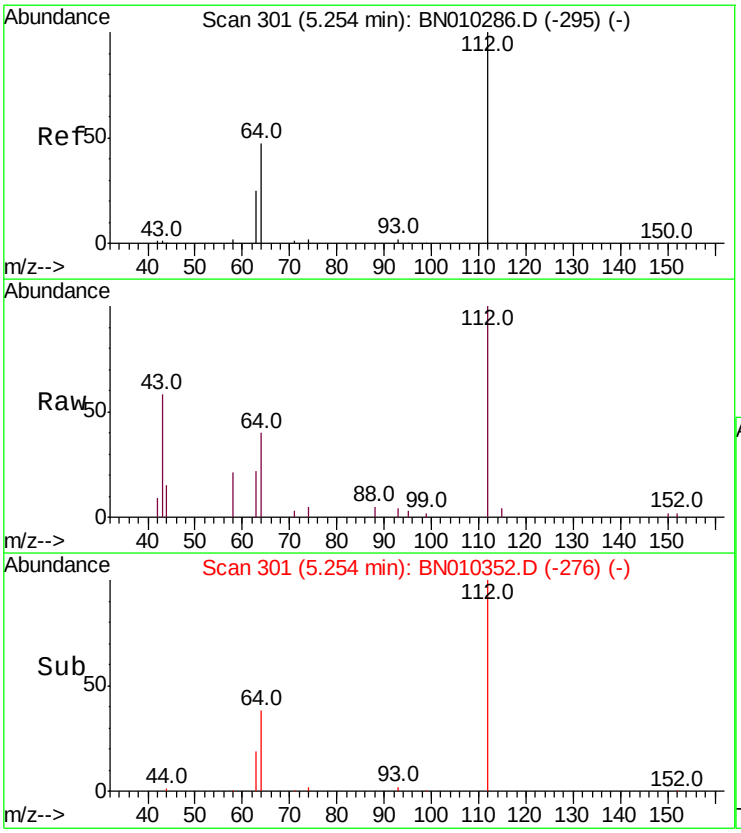
#3
n-Nitrosodimethylamine
Concen: 0.248 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion: 42 Resp: 1151

Ion	Ratio	Lower	Upper
42	100		
74	197.4	99.4	149.0#
44	8.4	4.8	7.2#

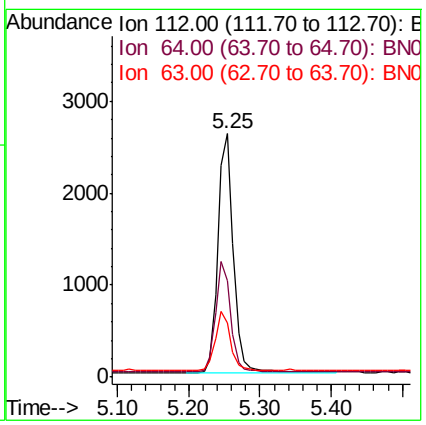


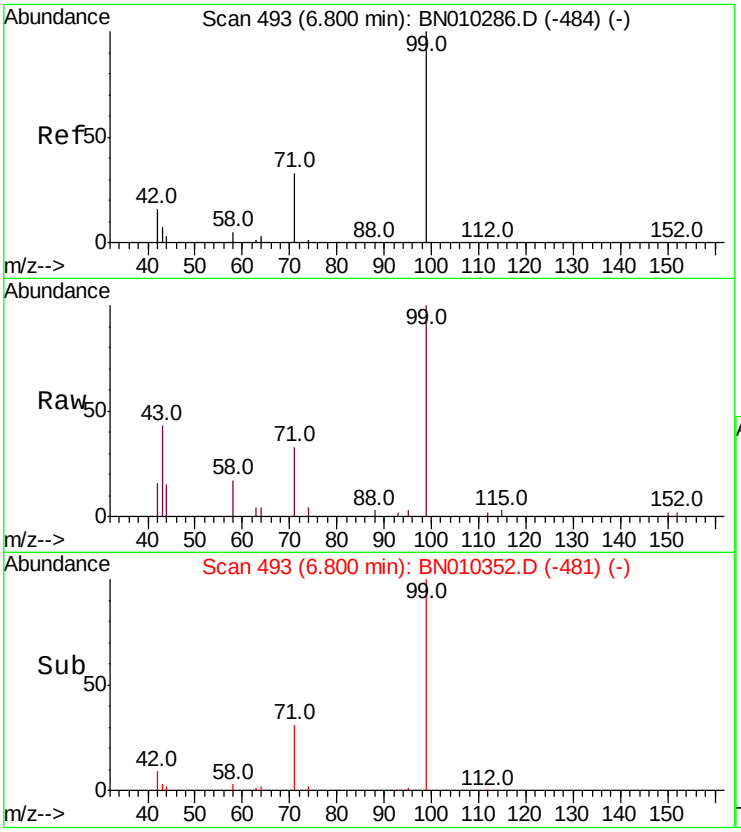


#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:112 Resp: 3883

Ion	Ratio	Lower	Upper
112	100		
64	44.9	41.4	62.2
63	24.3	22.9	34.3



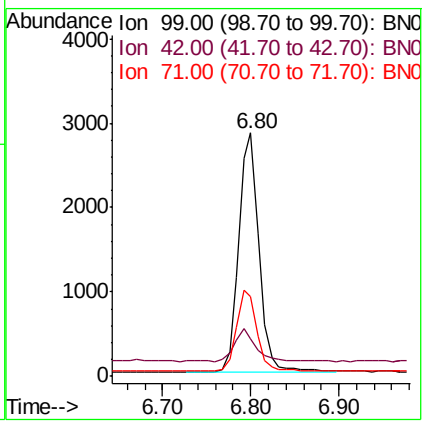


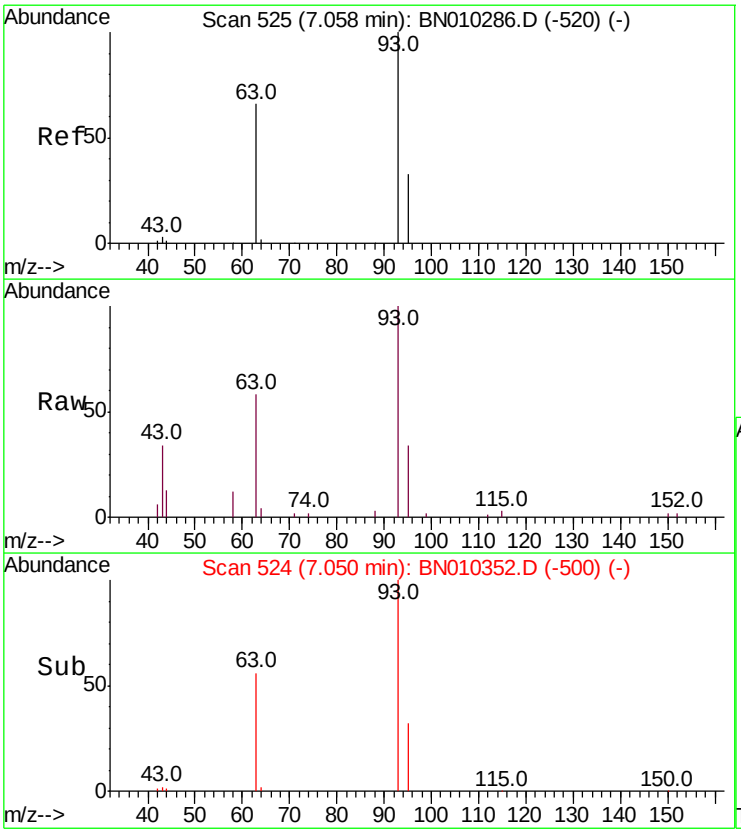
#5
Phenol-d6
Concen: 0.316 ng
RT: 6.80 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion: 99 Resp: 4550

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.8	22.2#
71	34.4	27.3	40.9

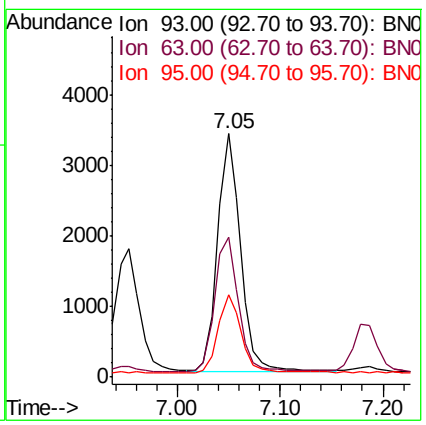


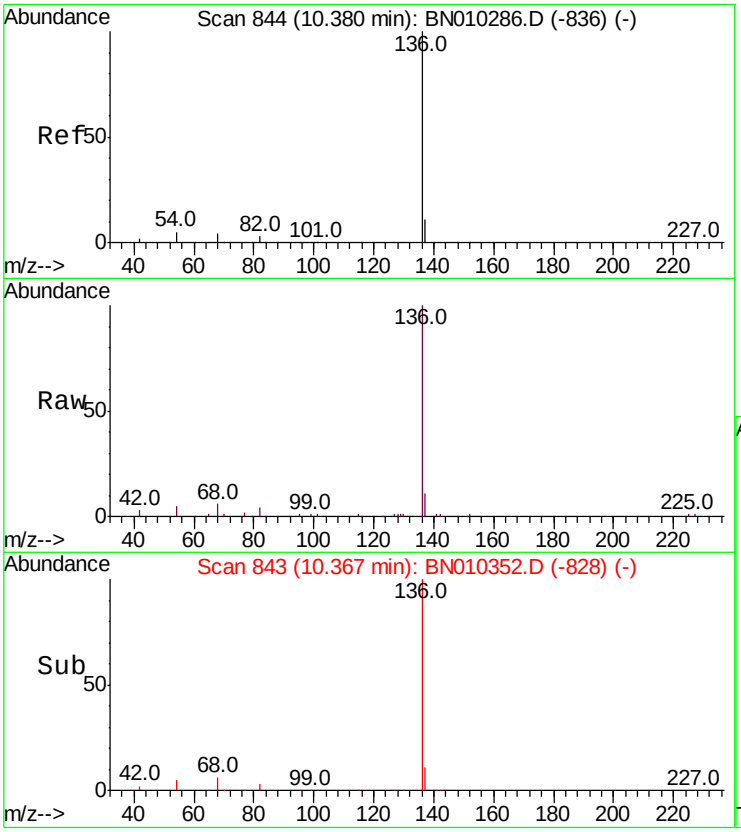


#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 7.05 min Scan# 524
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion: 93 Resp: 5271

Ion	Ratio	Lower	Upper
93	100		
63	57.9	55.6	83.4
95	32.8	26.2	39.4



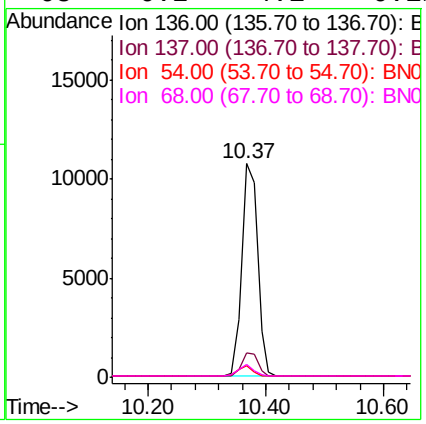


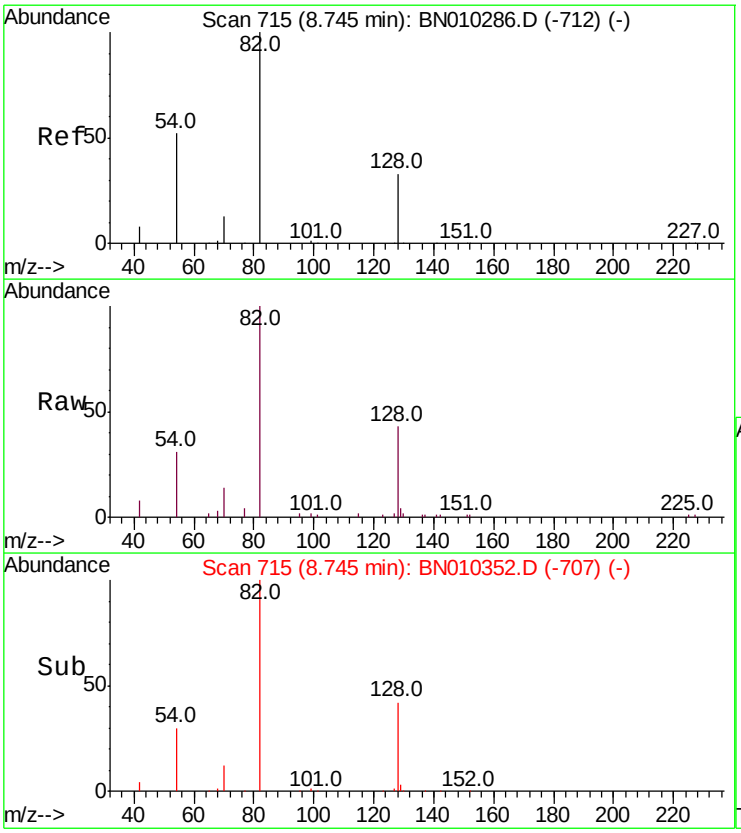
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:136 Resp: 19948

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	5.4	4.8	7.2
68	6.2	4.1	6.1#

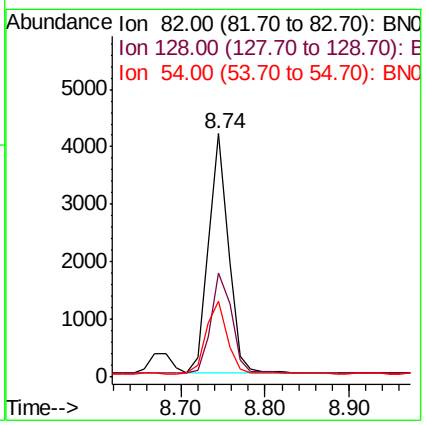


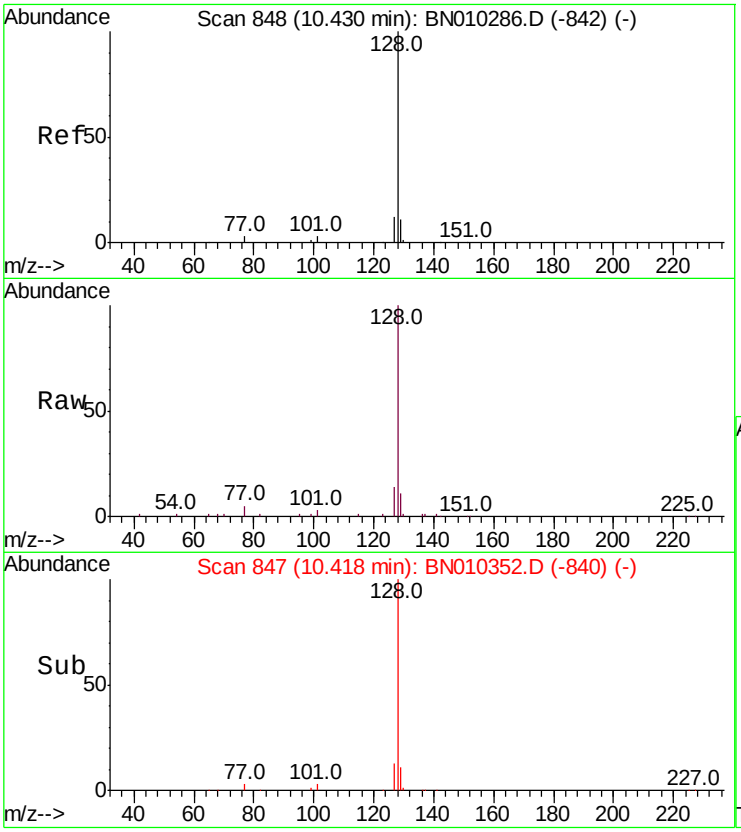


#8
Nitrobenzene-d5
Concen: 0.535 ng
RT: 8.74 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion: 82 Resp: 6834

Ion	Ratio	Lower	Upper
82	100		
128	42.9	28.8	43.2
54	31.0	42.1	63.1#



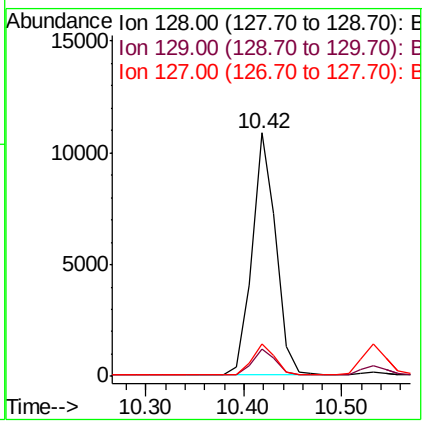


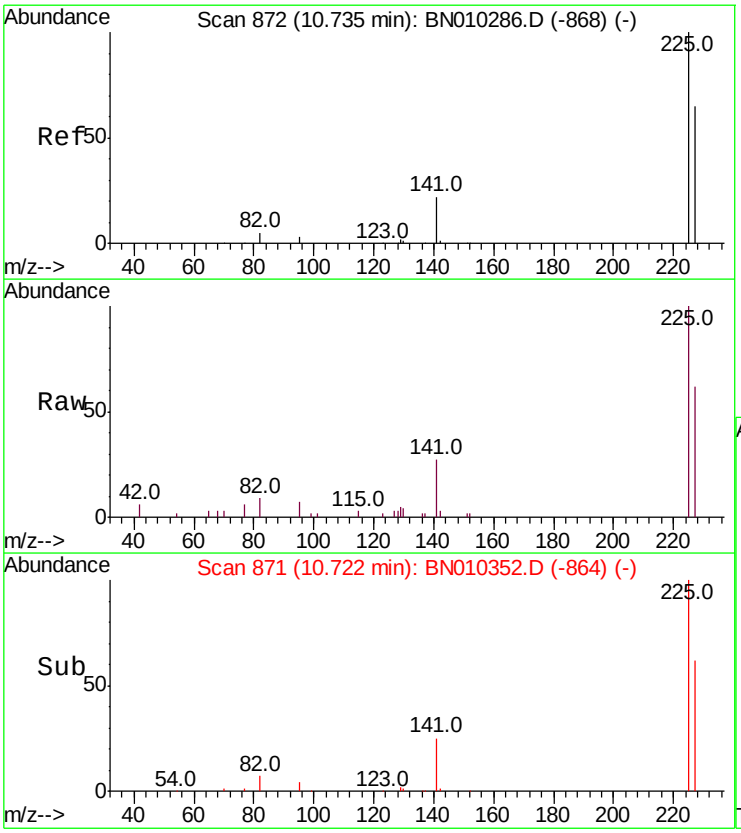
#9
Naphthalene
Concen: 0.366 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:128 Resp: 18219

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.5	10.4	15.6

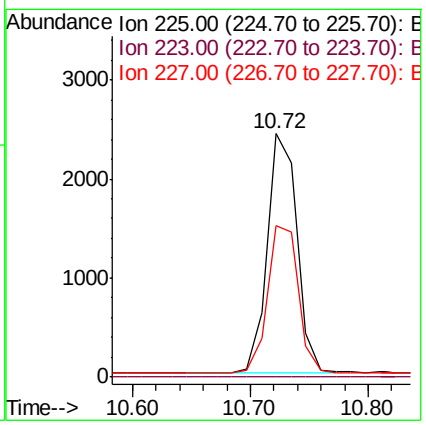


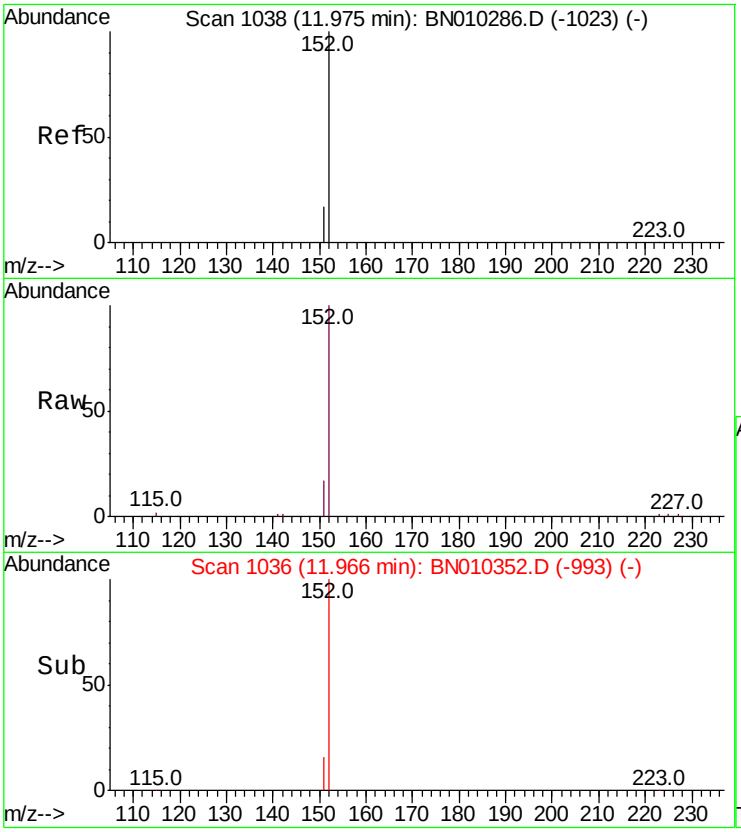


#10
Hexachlorobutadiene
Concen: 0.353 ng
RT: 10.72 min Scan# 871
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:225 Resp: 4253

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



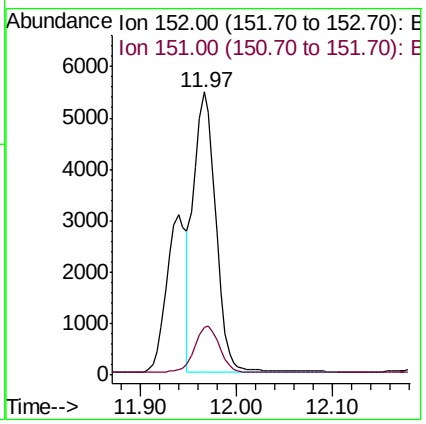


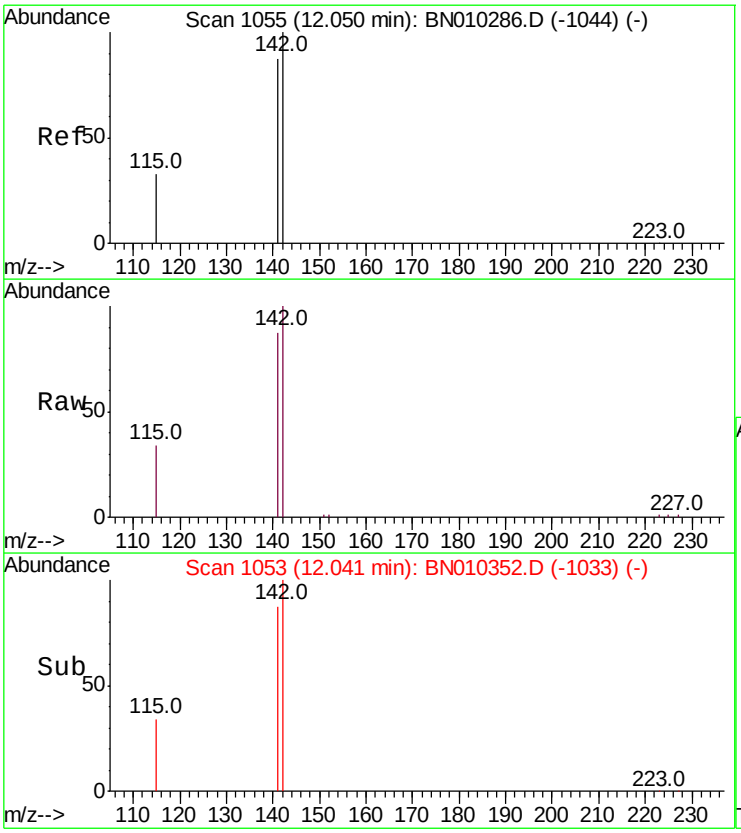
#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:152 Resp: 8700

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

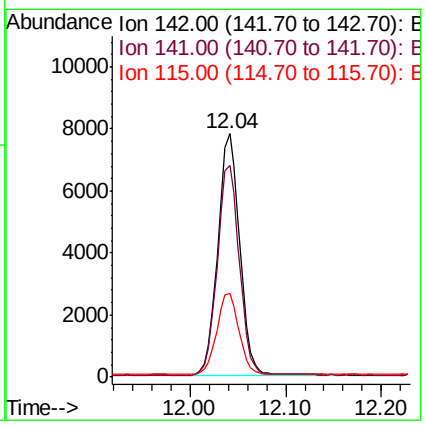


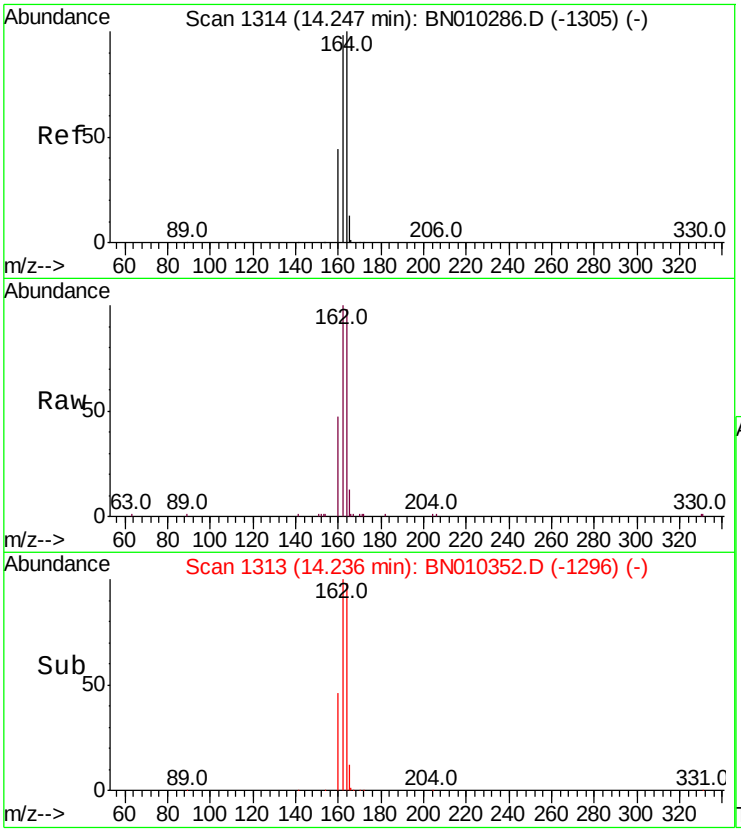


#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:142 Resp: 12242

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.5	104.3
115	34.5	27.5	41.3



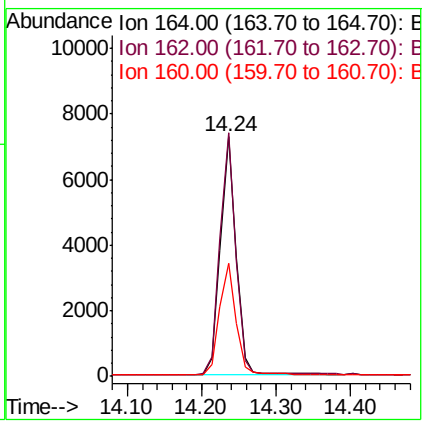


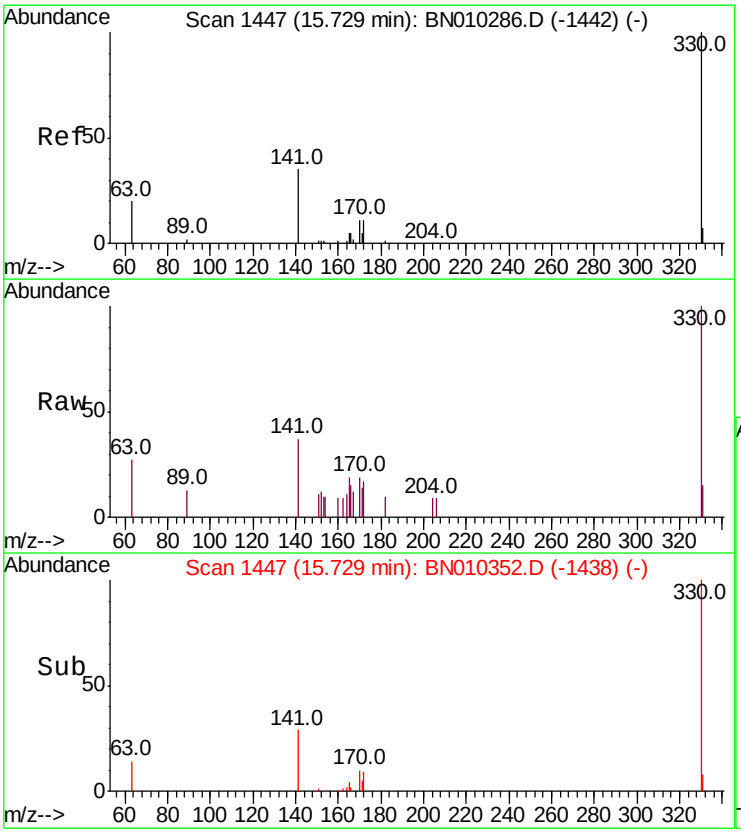
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:164 Resp: 10672

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.2	117.2
160	47.4	35.8	53.6

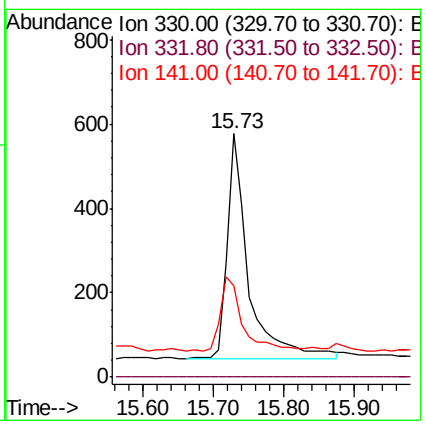


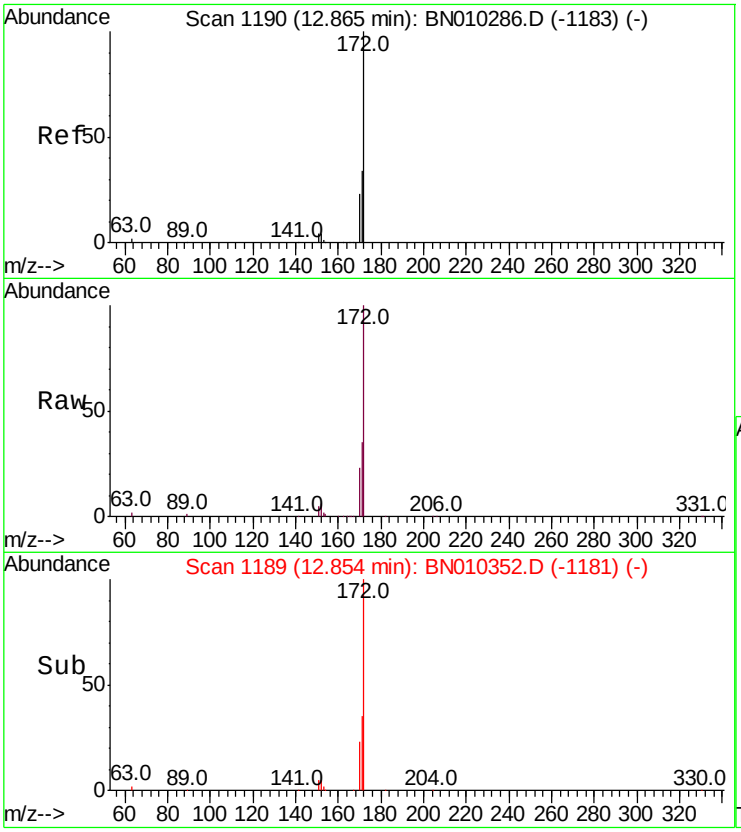


#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:330 Resp: 1114

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.3	29.3	43.9



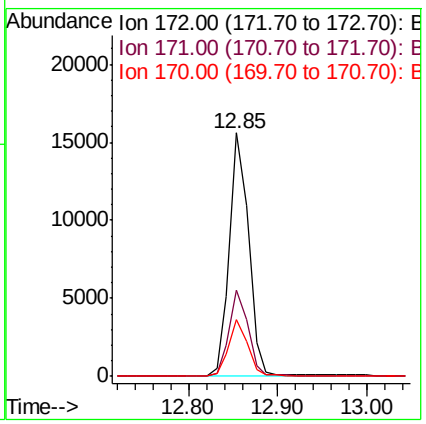


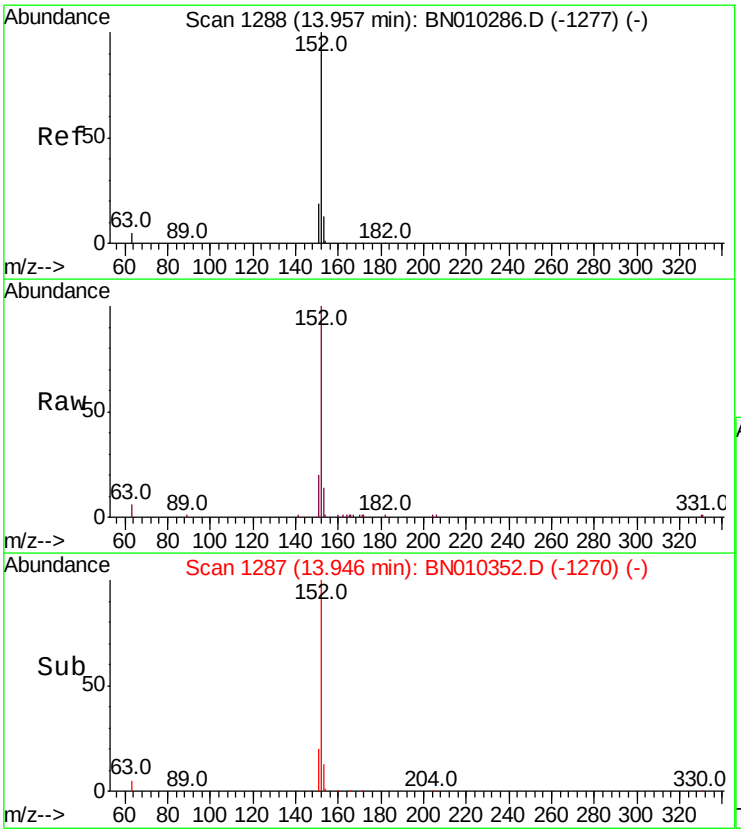
#15
2-Fluorobiphenyl
Concen: 0.567 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:172 Resp: 23160

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.6	41.4
170	23.3	18.5	27.7

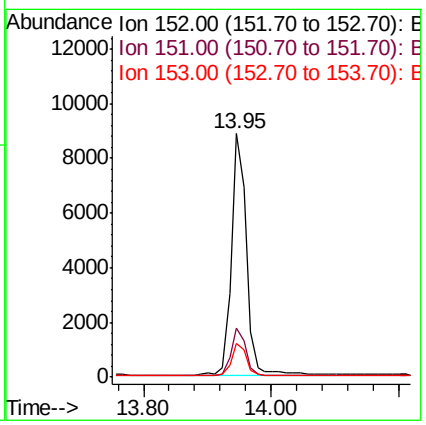


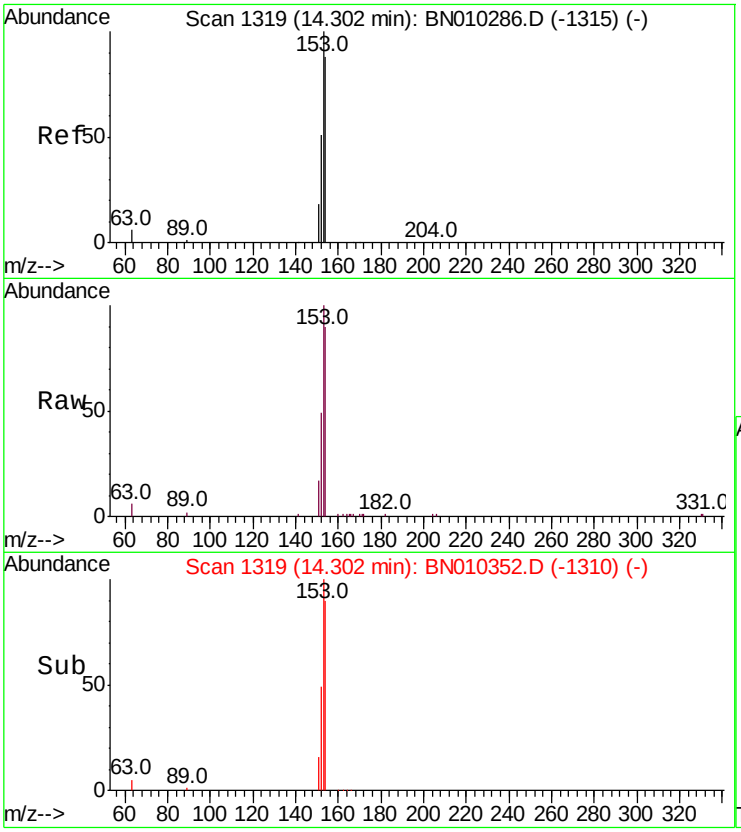


#16
Acenaphthylene
Concen: 0.351 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:152 Resp: 14679

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.6	23.4
153	13.3	10.6	15.8



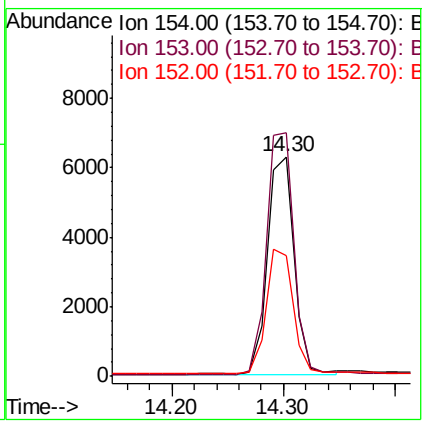


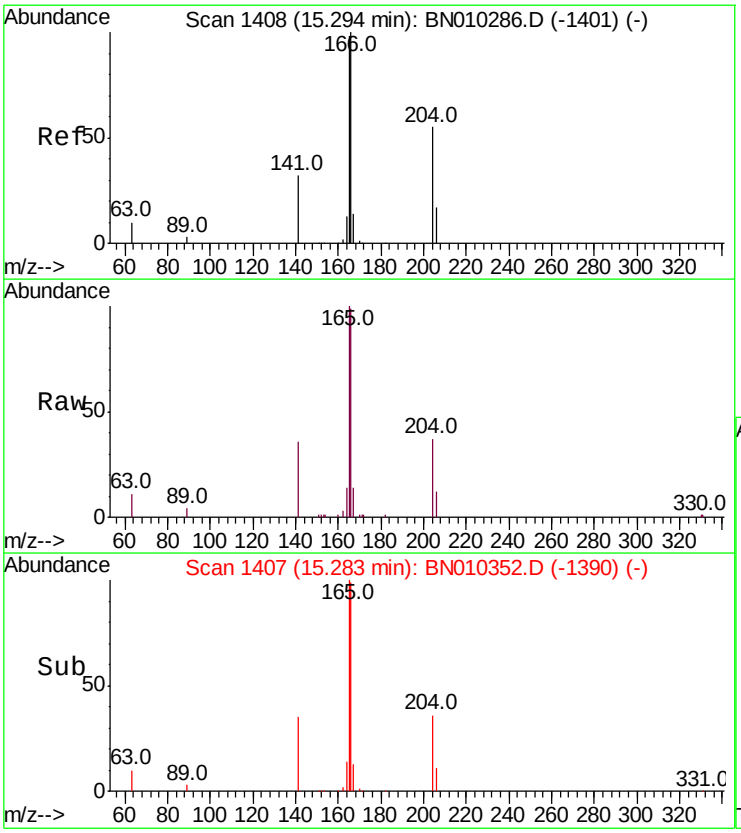
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.30 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:154 Resp: 10490

Ion	Ratio	Lower	Upper
154	100		
153	114.5	88.1	132.1
152	58.1	45.5	68.3

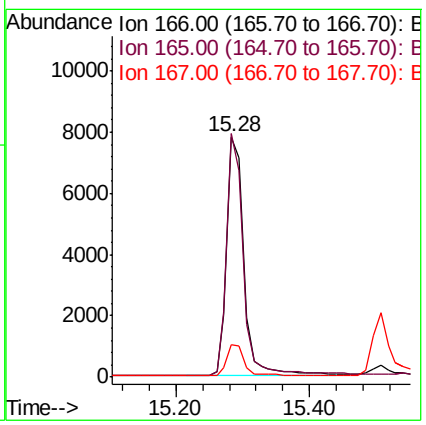


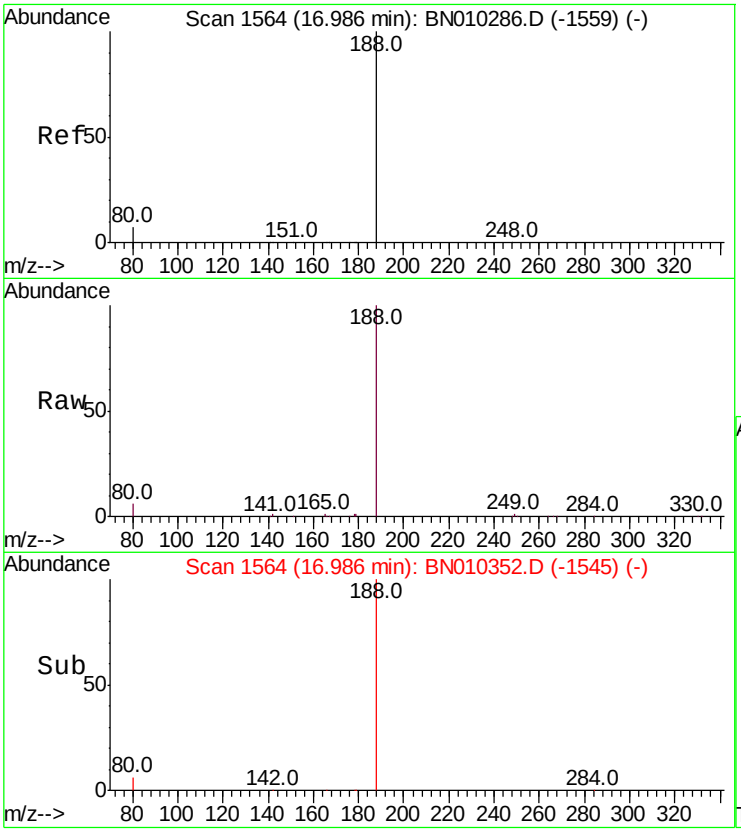


#18
Fluorene
Concen: 0.348 ng
RT: 15.28 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:166 Resp: 13807

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.7	118.1
167	13.0	11.0	16.4



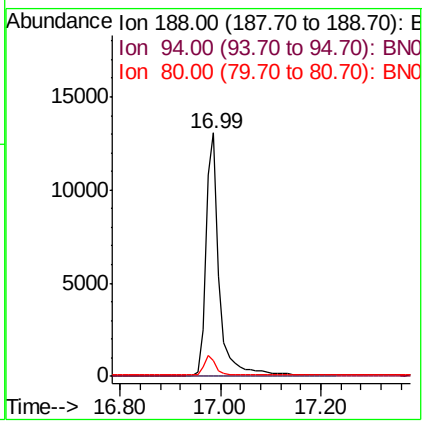


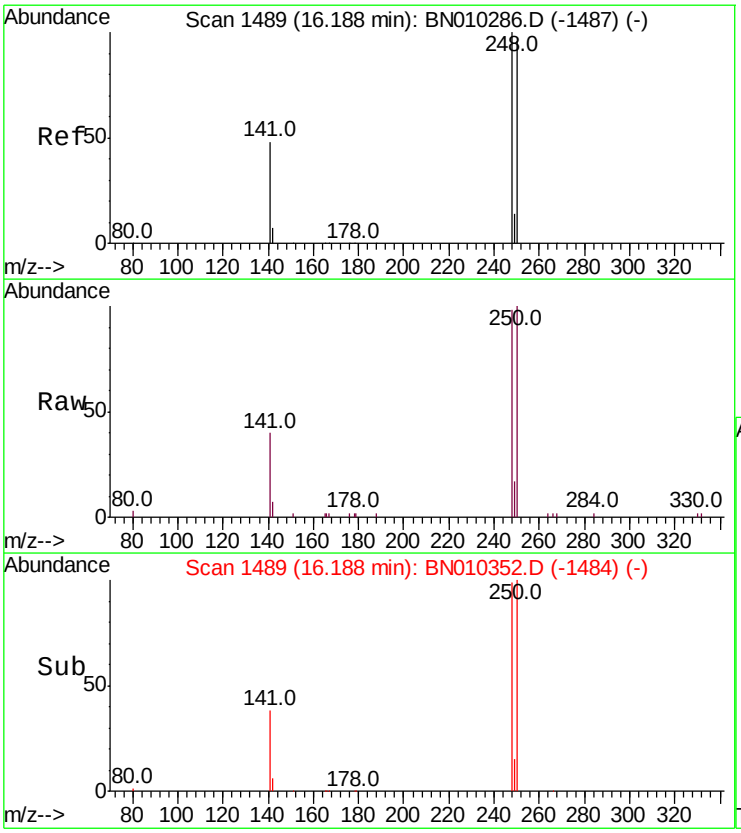
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:188 Resp: 24111

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	6.0	9.0

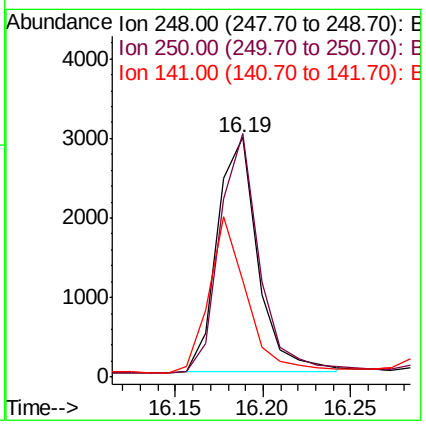


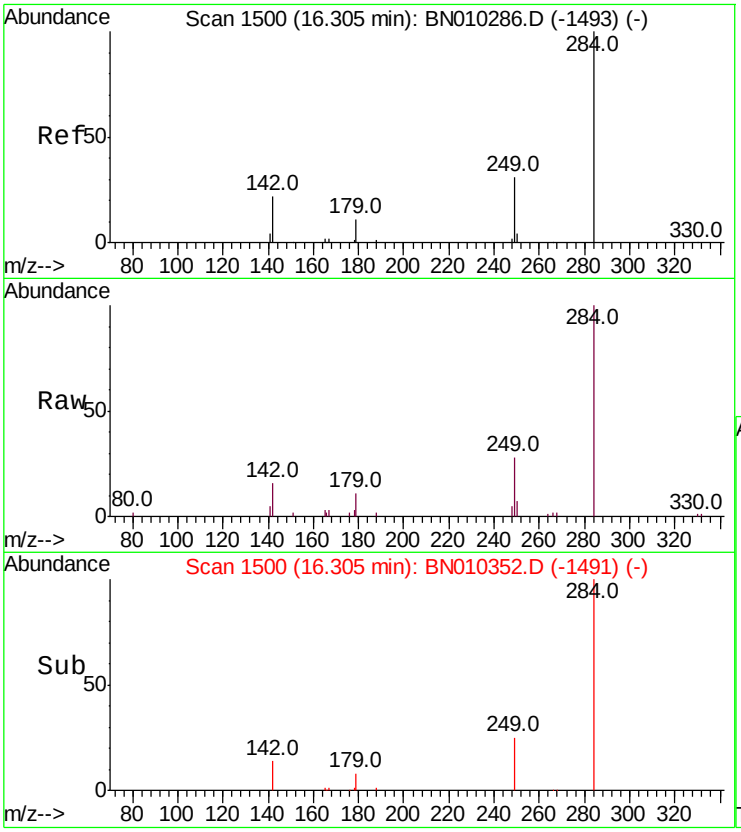


#20
4-Bromophenyl-phenylether
Concen: 0.322 ng
RT: 16.19 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:248 Resp: 4713

Ion	Ratio	Lower	Upper
248	100		
250	101.6	76.8	115.2
141	40.3	44.4	66.6#



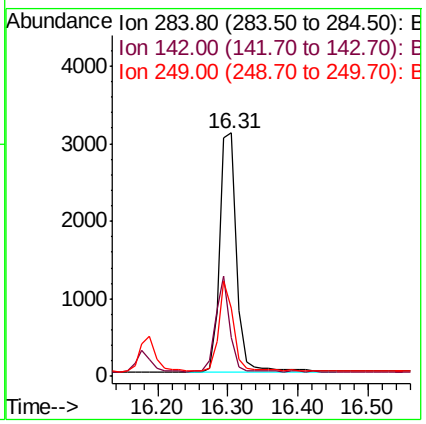


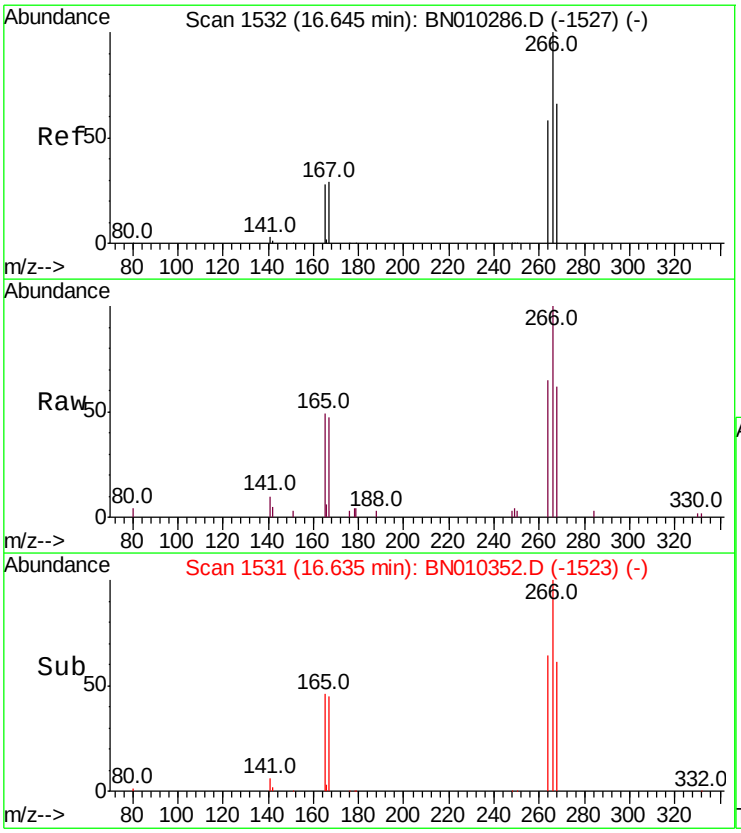
#21
Hexachlorobenzene
Concen: 0.350 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:284 Resp: 5253

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.4	41.2
249	31.8	26.5	39.7

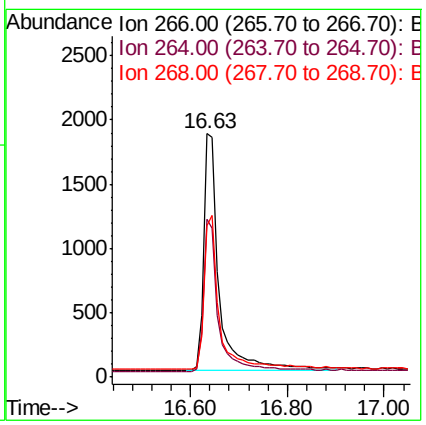


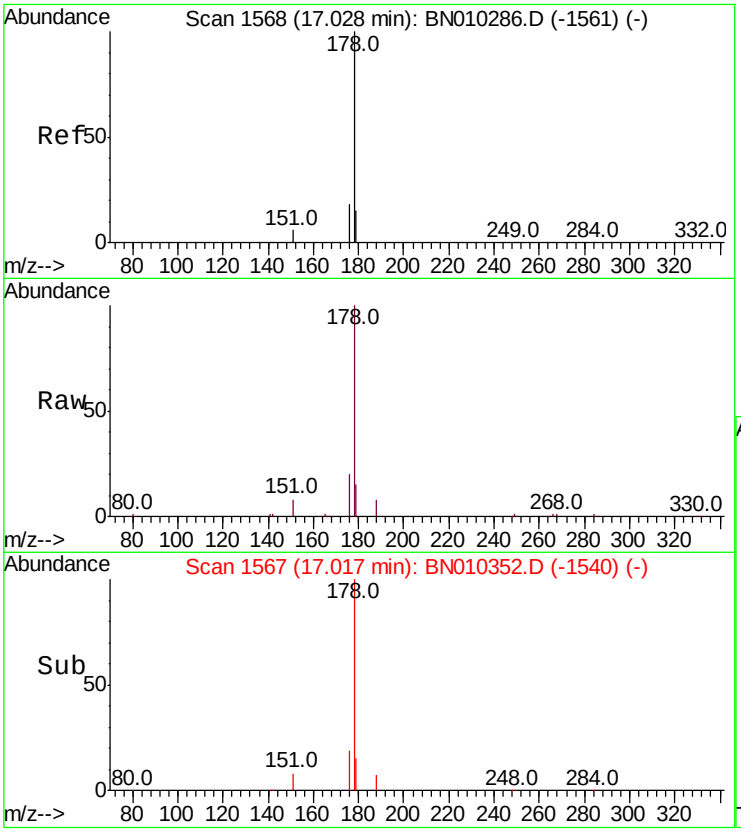


#22
Pentachlorophenol
Concen: 0.800 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:266 Resp: 4114

Ion	Ratio	Lower	Upper
266	100		
264	64.8	47.7	71.5
268	62.4	54.9	82.3



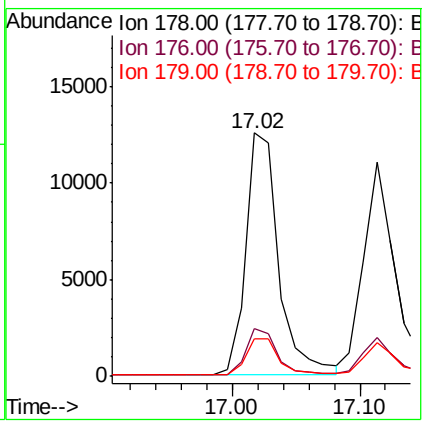


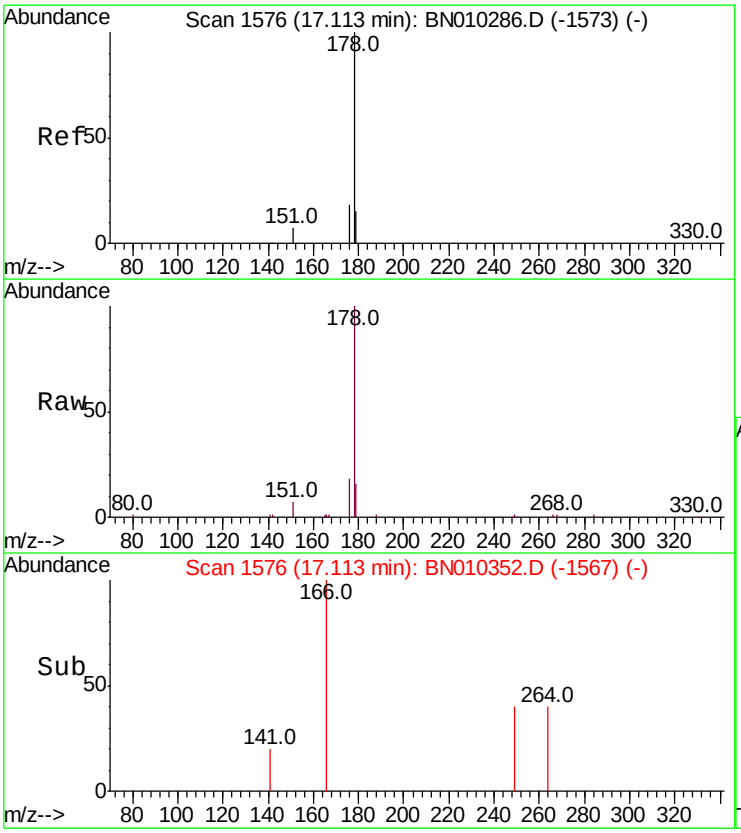
#23
Phenanthrene
Concen: 0.342 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:178 Resp: 22667

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

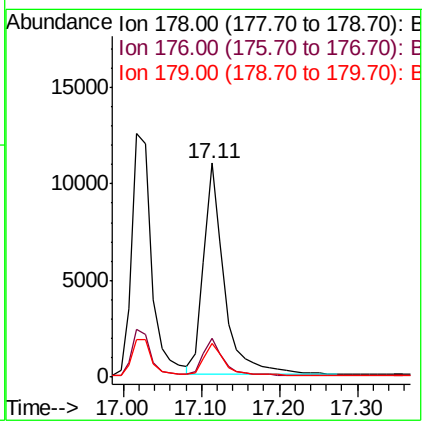


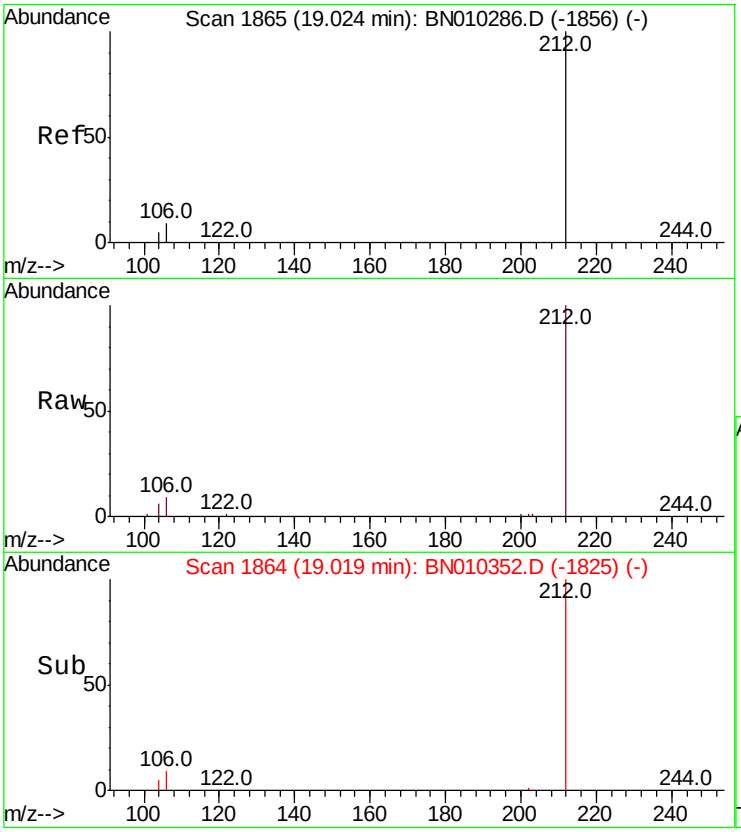


#24
Anthracene
Concen: 0.350 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:178 Resp: 19817

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



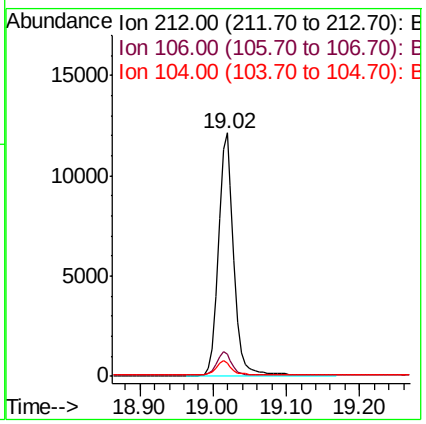


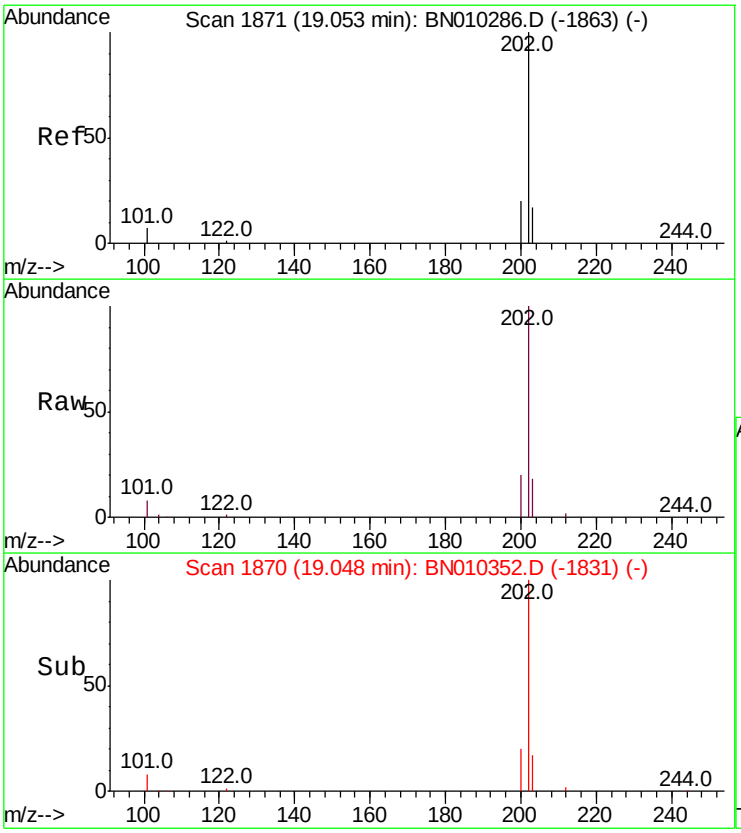
#25
Fluoranthene-d10
Concen: 0.240 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:212 Resp: 17474

Ion	Ratio	Lower	Upper
212	100		
106	9.6	7.4	11.2
104	5.3	4.2	6.4

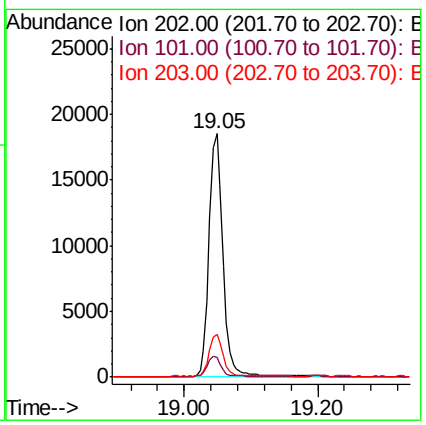


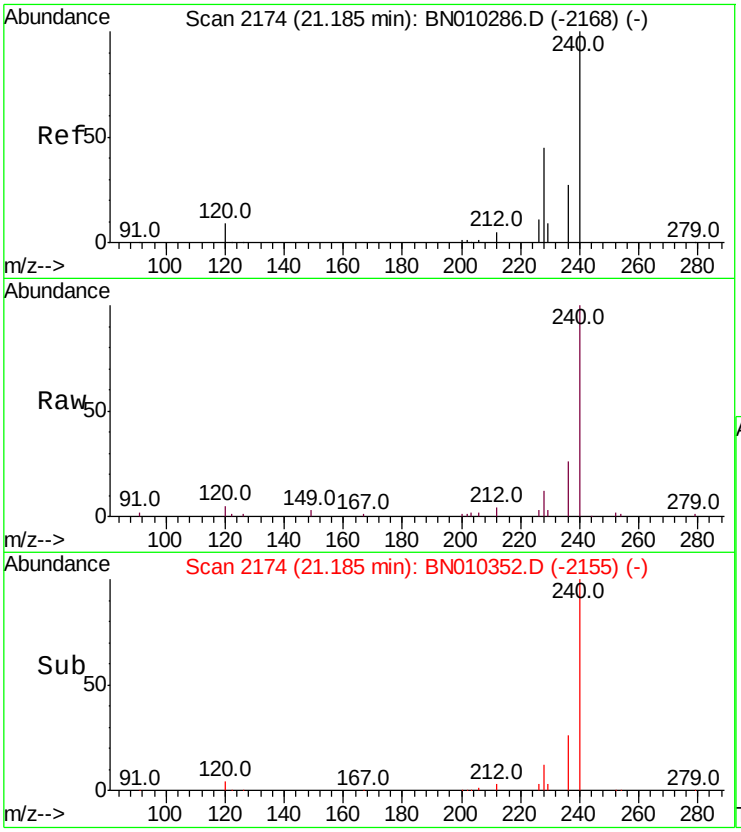


#26
Fluoranthene
Concen: 0.326 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:202 Resp: 26514

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.6	9.8
203	17.0	13.8	20.8



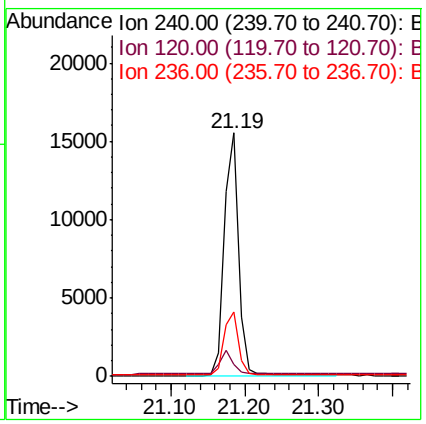


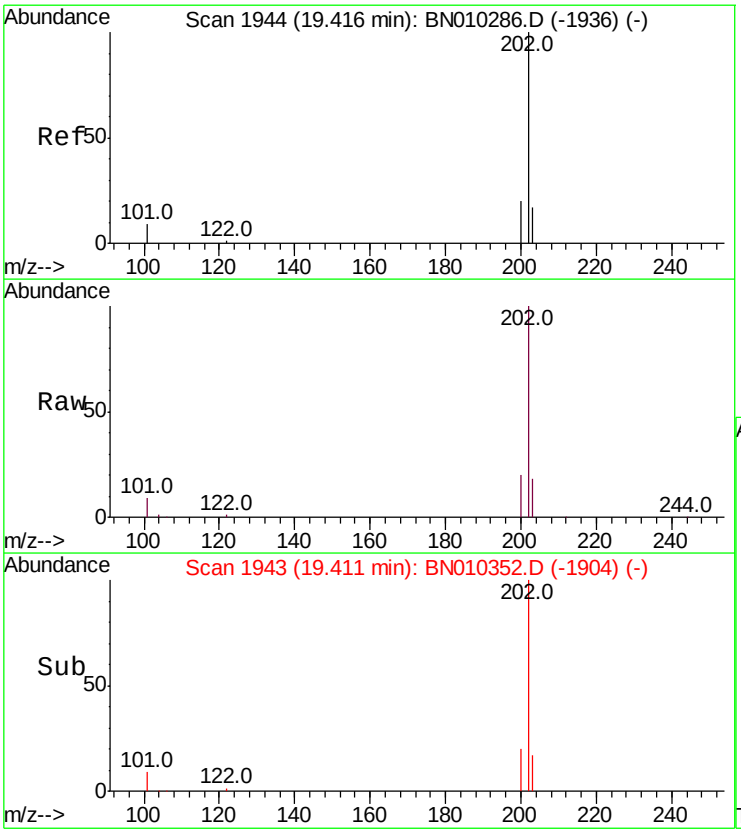
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument : BNA_N
ClientSampleId : PB127802BSD

Tgt Ion:240 Resp: 21377

Ion	Ratio	Lower	Upper
240	100		
120	5.1	7.9	11.9#
236	26.5	22.2	33.4

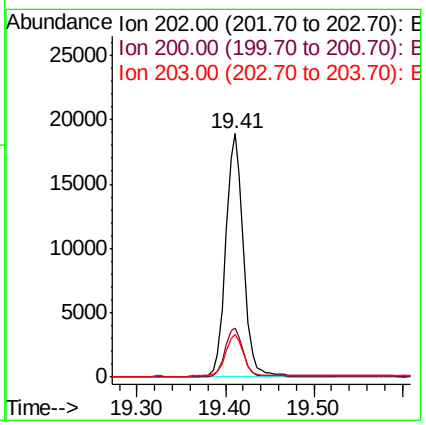


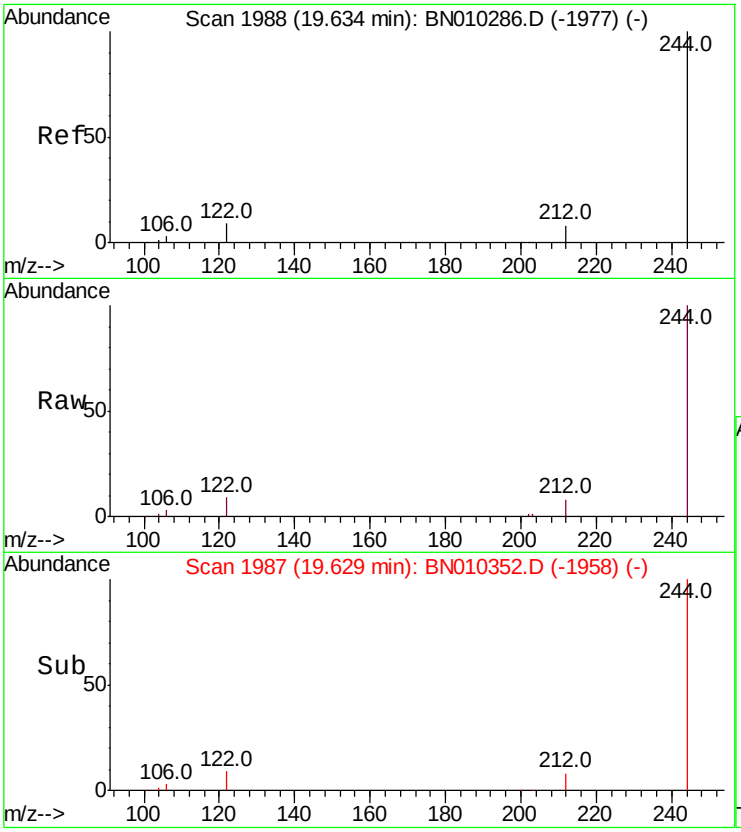


#28
Pyrene
Concen: 0.395 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:202 Resp: 26260

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



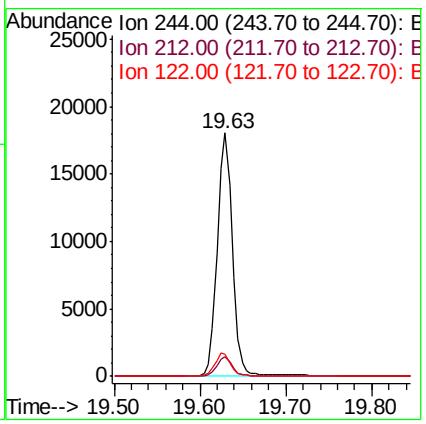


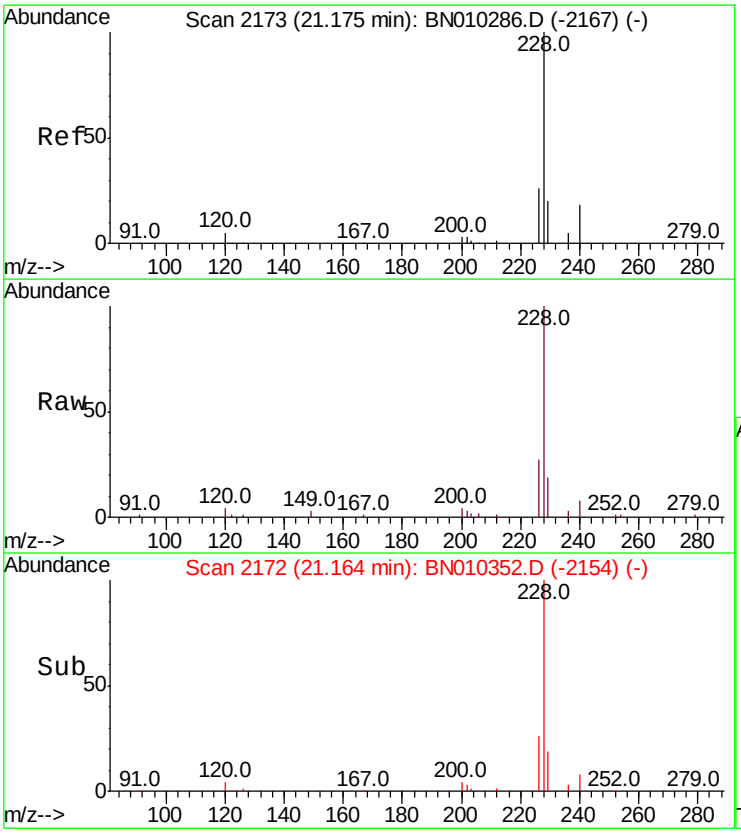
#29
Terphenyl-d14
Concen: 0.475 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:244 Resp: 21952

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	8.9	7.6	11.4

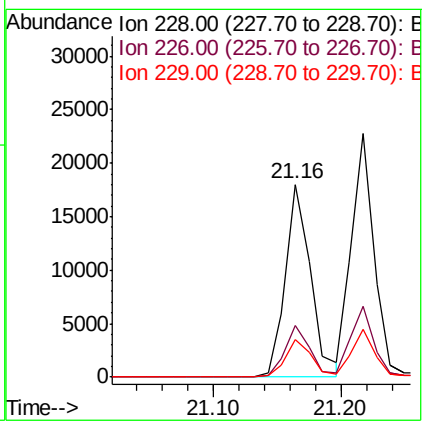


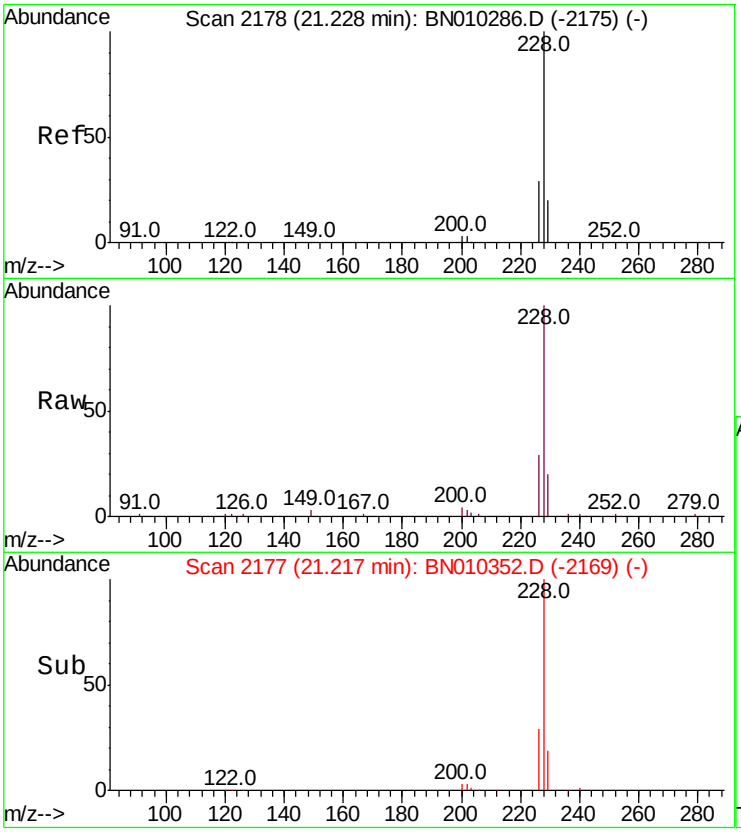


#30
Benzo(a)anthracene
Concen: 0.357 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:228 Resp: 24340

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.0	31.4
229	19.5	16.0	24.0



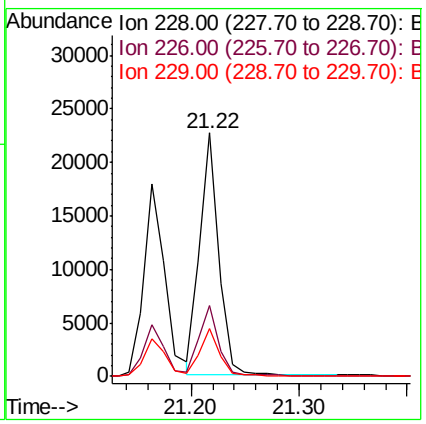


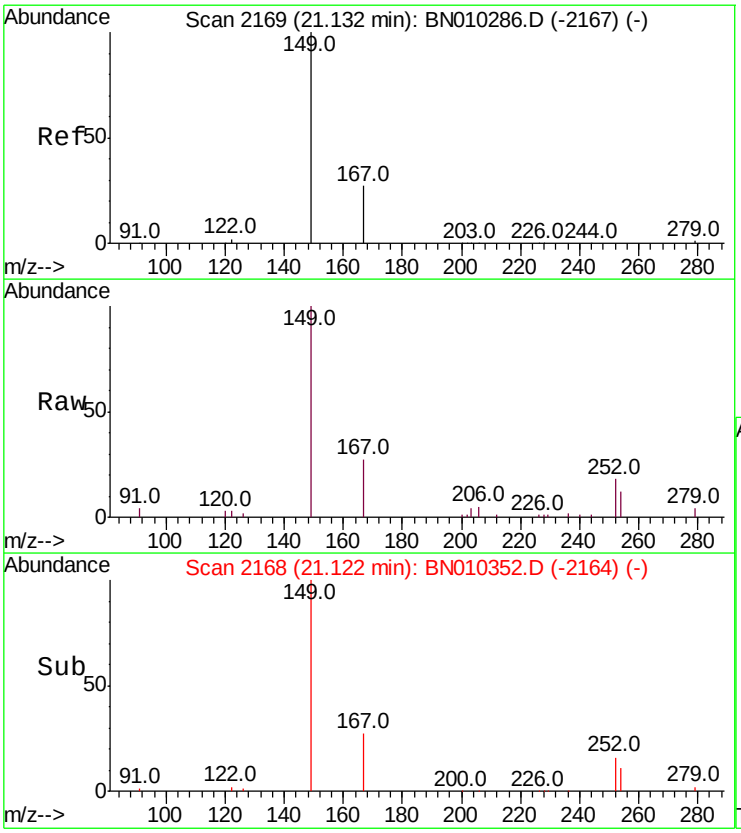
#31
Chrysene
Concen: 0.379 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:228 Resp: 27700

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	19.7	16.0	24.0

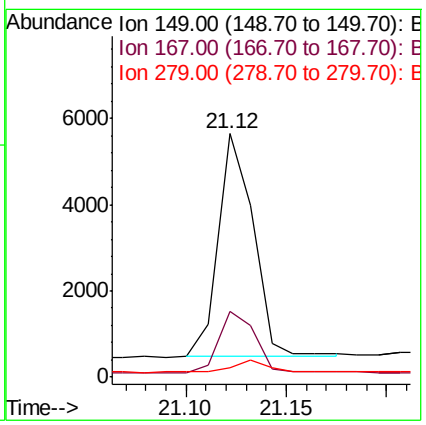


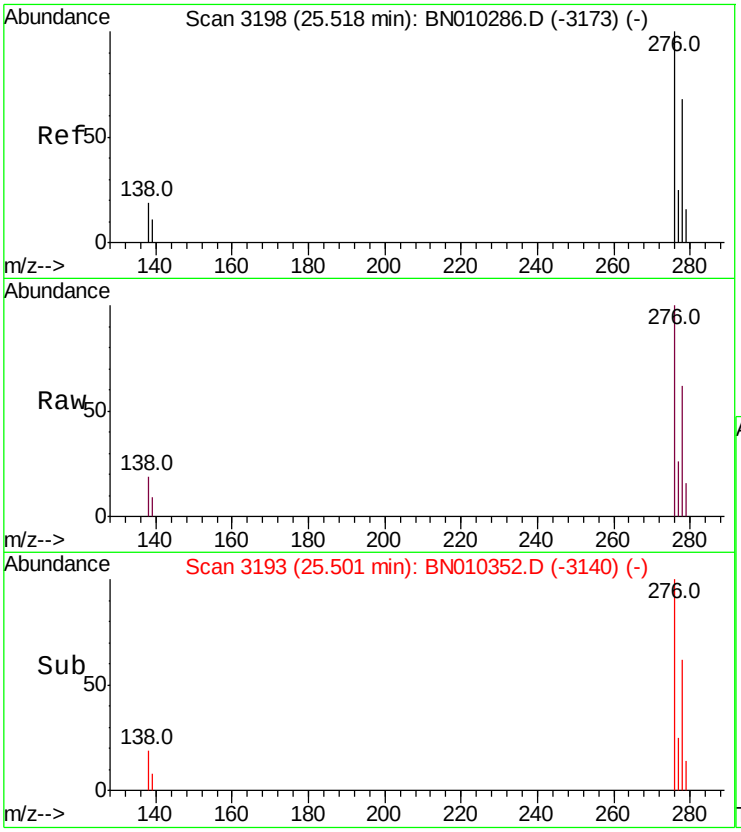


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.276 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:149 Resp: 6341

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.6
279	4.8	3.8	5.8



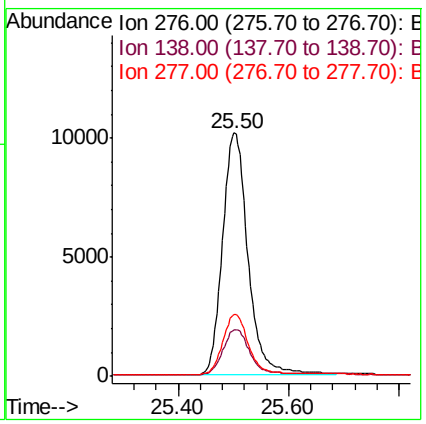


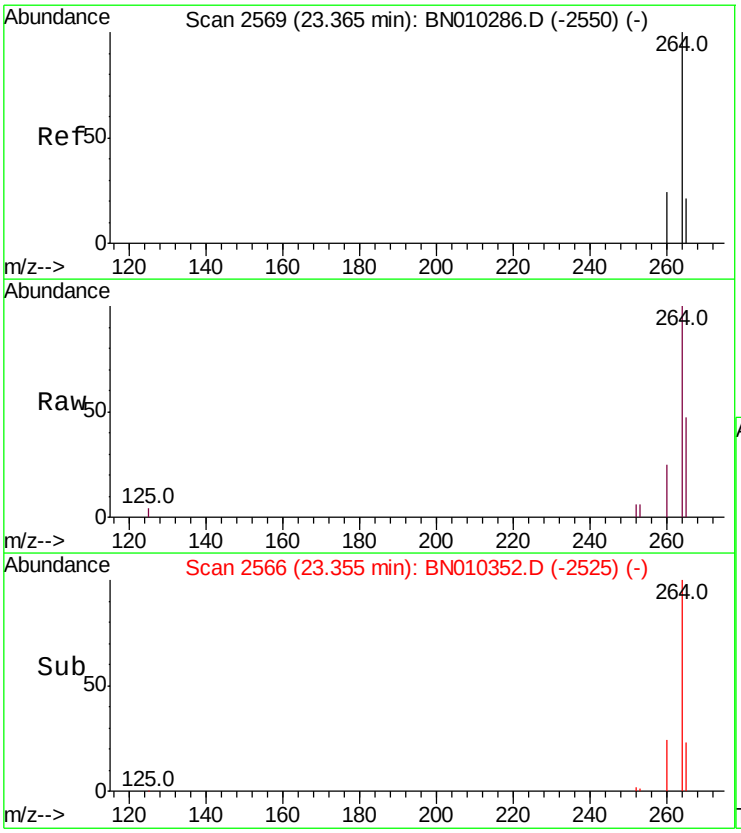
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng
RT: 25.50 min Scan# 3193
Delta R.T. -0.02 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:276 Resp: 32785

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.6	23.4
277	24.8	20.1	30.1

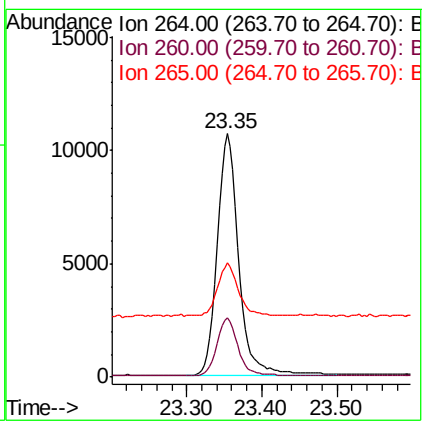


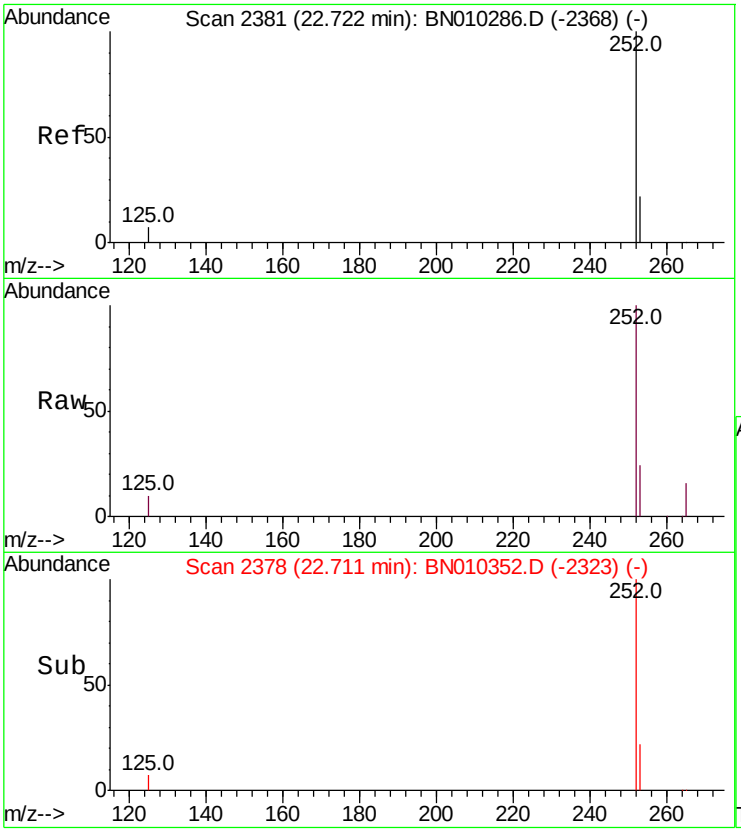


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:264 Resp: 21148

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	46.9	32.4	48.6



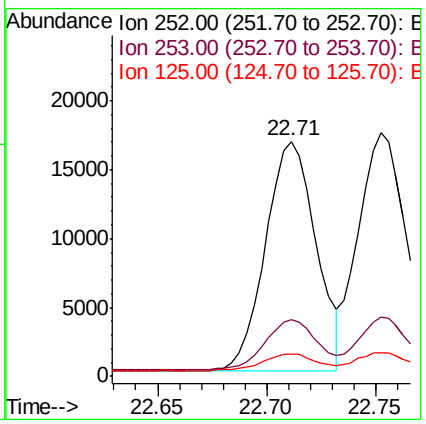


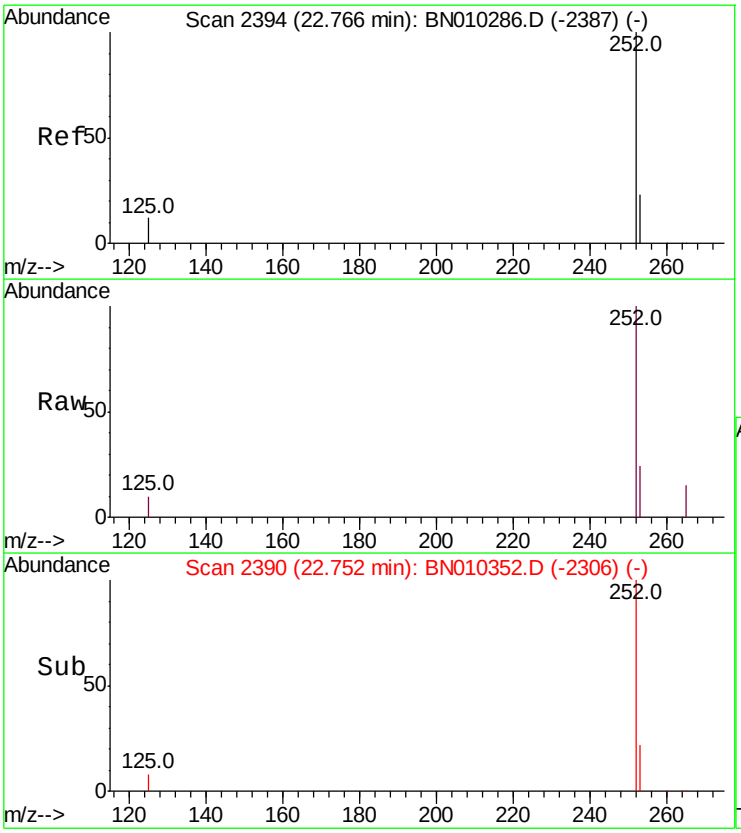
#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:252 Resp: 26934

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.2	28.8
125	9.6	7.4	11.0

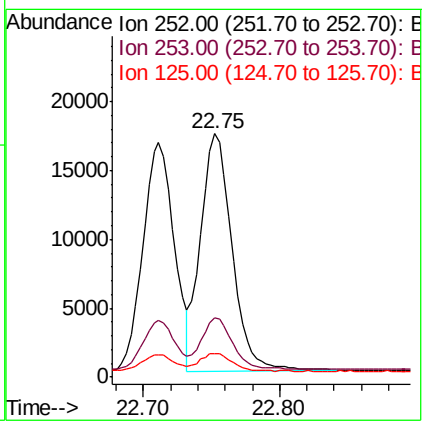


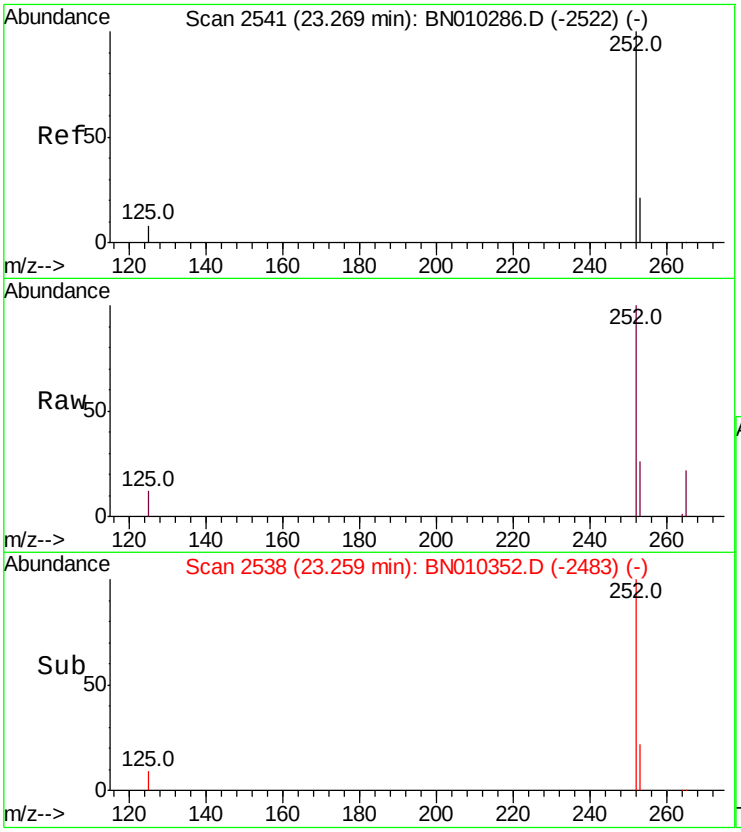


#36
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 22.75 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:252 Resp: 27709

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.0
125	9.9	10.2	15.2#



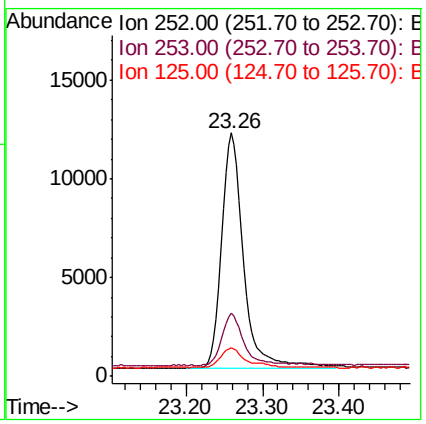


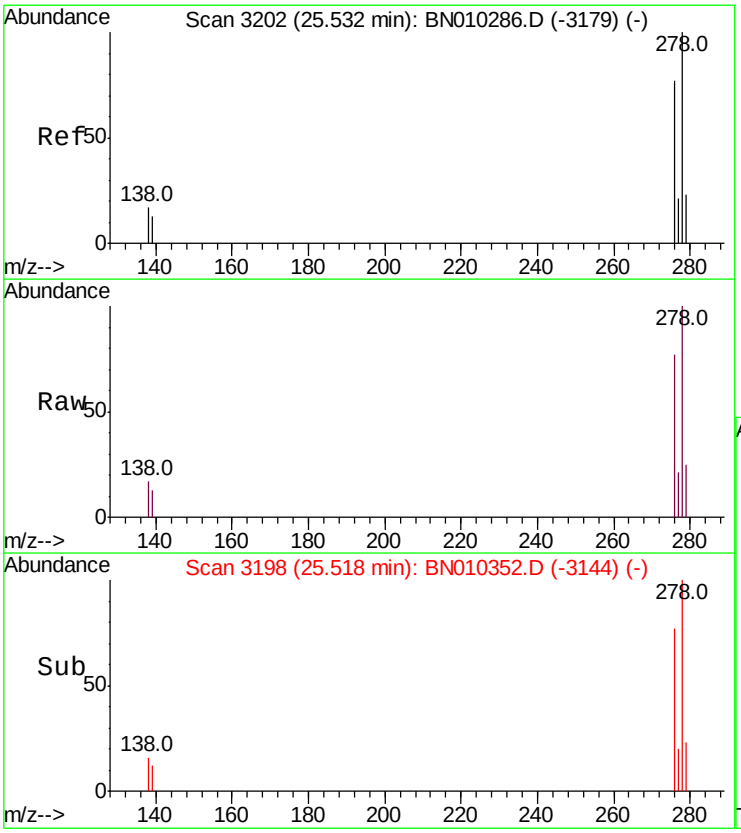
#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:252 Resp: 24292

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.9	29.9
125	11.8	8.9	13.3

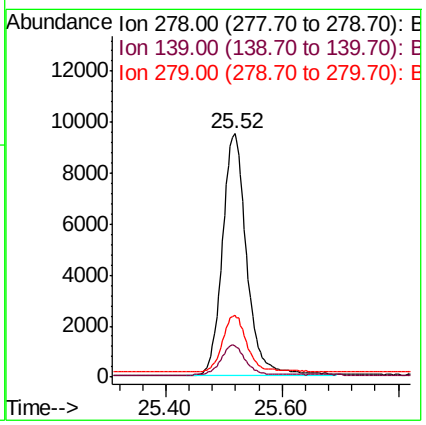


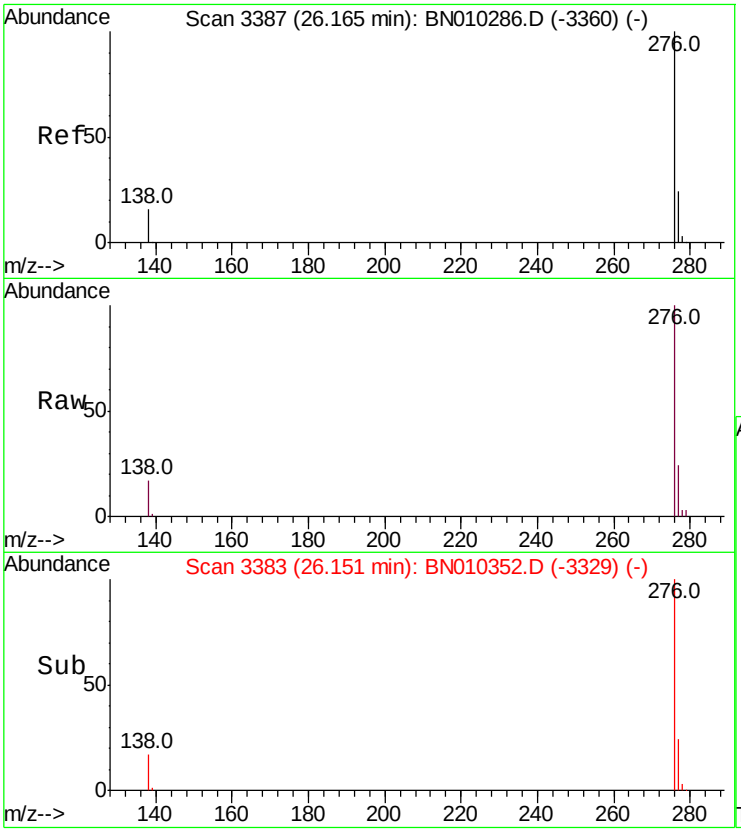


#38
Dibenzo(a,h)anthracene
Concen: 0.421 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Tgt Ion:278 Resp: 27593

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.6	16.0
279	25.4	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.440 ng
RT: 26.15 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BN010352.D
Acq: 27 Mar 2020 15:21

Instrument :
BNA_N
ClientSampleId :
PB127802BSD

Tgt Ion:276 Resp: 29011

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	17.4	13.3	19.9