Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
Data File : BN010337.D
Acq On : 24 Mar 2020 21:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 25 01:48:39 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	3977	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13666	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	7982	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	18769	0.40	ng		0.00
27) Chrysene-d12	21.19	240	19194	0.40	ng		0.00
34) Perylene-d12	23.35	264	18495	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3165	0.40	ng		0.00
5) Phenol-d6	6.80	99	3969	0.41	ng		0.00
8) Nitrobenzene-d5	8.74	82	3385	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	9756	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1087	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	12505	0.41	ng		-0.01
25) Fluoranthene-d10	19.02	212	24595	0.43	ng		0.00
29) Terphenyl-d14	19.63	244	17028	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1441	0.386	ng		94
3) n-Nitrosodimethylamine	3.57	42	932	0.295	ng	#	100
6) bis(2-Chloroethyl)ether	7.05	93	3820	0.406	ng		99
9) Naphthalene	10.42	128	13877	0.407	ng		98
10) Hexachlorobutadiene	10.73	225	3425	0.415	ng	#	100
12) 2-Methylnaphthalene	12.04	142	9477	0.401	ng		96
16) Acenaphthylene	13.95	152	11786	0.376	ng		100
17) Acenaphthene	14.30	154	9175	0.411	ng		99
18) Fluorene	15.29	166	11812	0.399	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	4359	0.383	ng	#	90
21) Hexachlorobenzene	16.31	284	5019	0.429	ng		100
22) Pentachlorophenol	16.65	266	1316	0.329	ng		96
23) Phenanthrene	17.02	178	20741	0.402	ng		100
24) Anthracene	17.11	178	16445	0.373	ng		100
26) Fluoranthene	19.05	202	24938	0.394	ng		100
28) Pyrene	19.41	202	24815	0.415	ng		100
30) Benzo(a)anthracene	21.16	228	23074	0.377	ng		99
31) Chrysene	21.22	228	26611	0.406	ng		98
32) Bis(2-ethylhexyl)phthalate	21.12	149	6164	0.299	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	28812	0.410	ng		99
35) Benzo(b)fluoranthene	22.71	252	25397	0.404	ng		98
36) Benzo(k)fluoranthene	22.75	252	27003	0.422	ng		97
37) Benzo(a)pyrene	23.26	252	20745	0.391	ng		99
38) Dibenzo(a,h)anthracene	25.51	278	23498	0.410	ng		99
39) Benzo(g,h,i)perylene	26.15	276	23989	0.416	ng		100

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

Quantitation Report (Not Reviewed)

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Acq On : 24 Mar 2020 21:40
Operator : CG/JU
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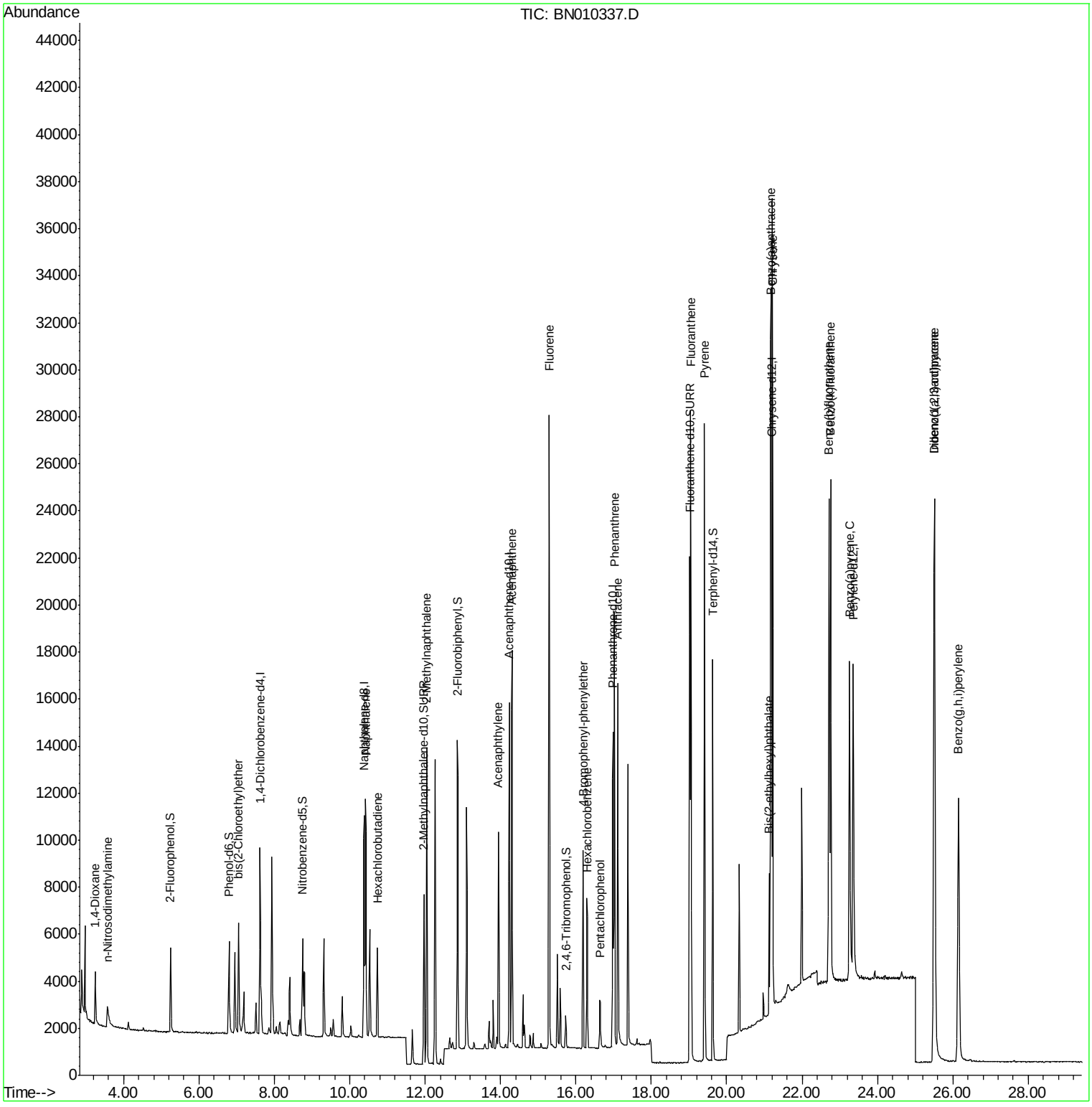
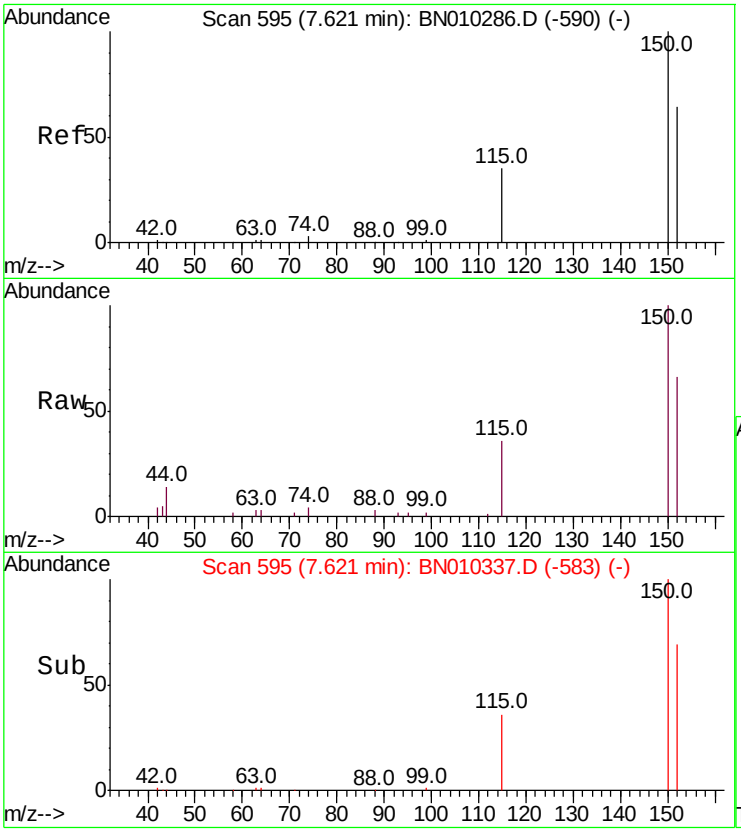
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 25 01:48:39 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



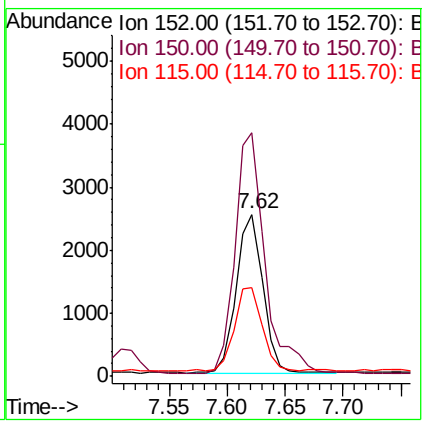


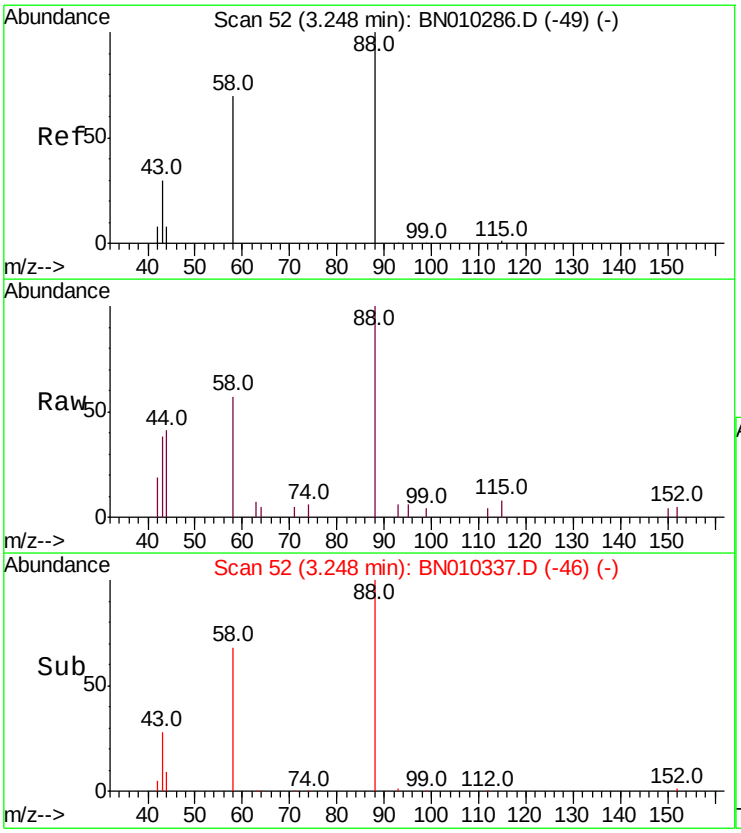
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3977

Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.1	184.7
115	54.6	45.2	67.8

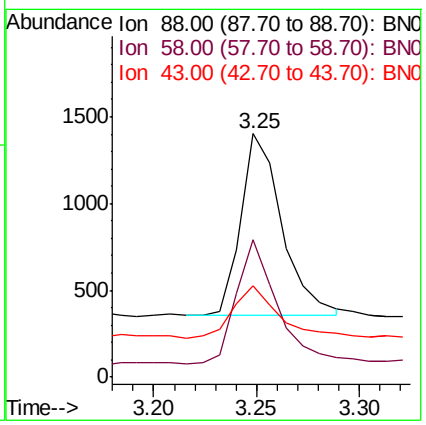


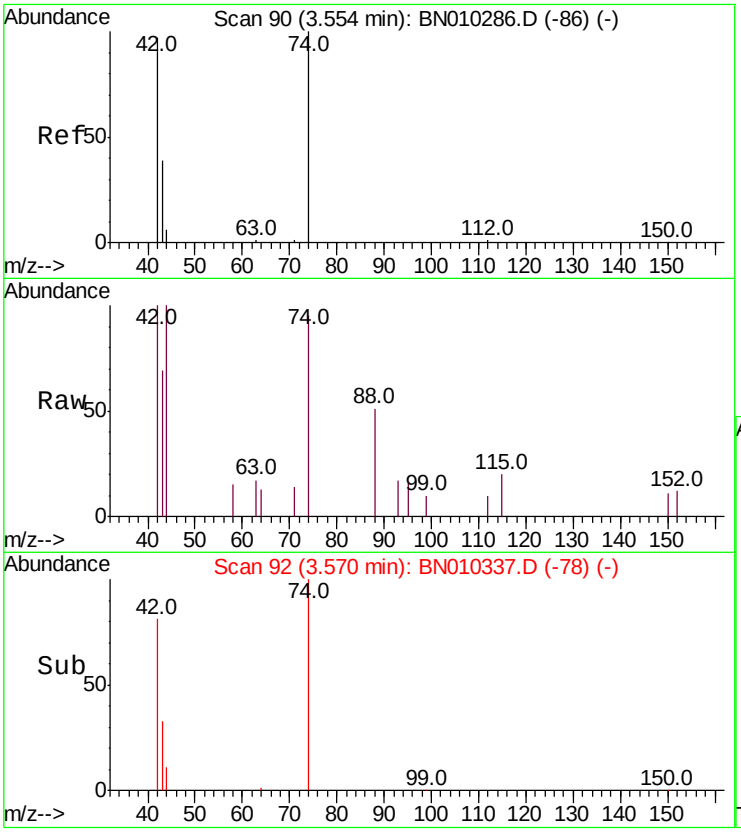


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion: 88 Resp: 1441

Ion	Ratio	Lower	Upper
88	100		
58	68.5	51.7	77.5
43	31.4	21.2	31.8



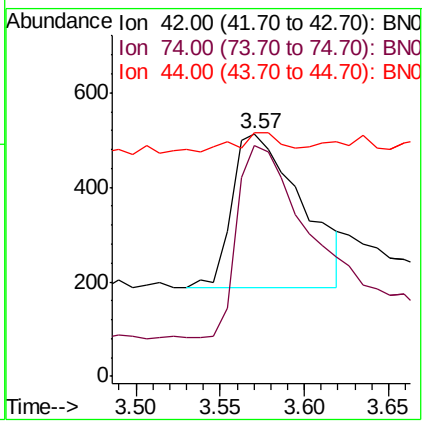


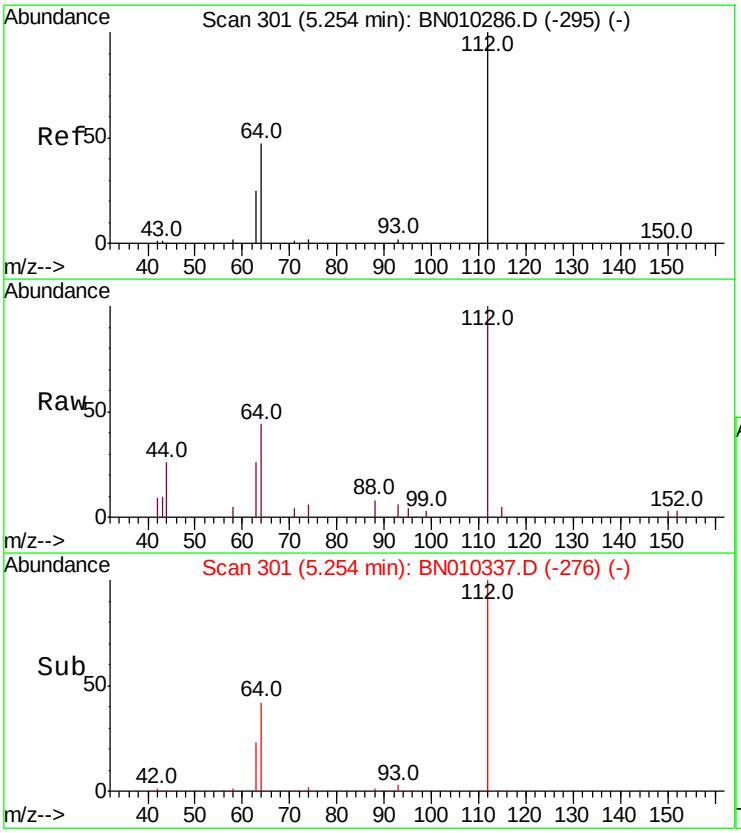
#3
n-Nitrosodimethylamine
Concen: 0.295 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.02 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 932

Ion	Ratio	Lower	Upper
42	100		
74	123.9	99.4	149.0
44	7.9	4.8	7.2#

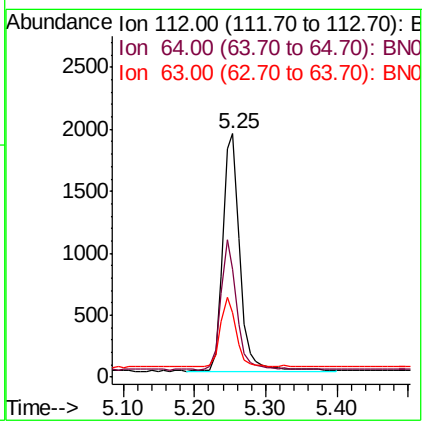


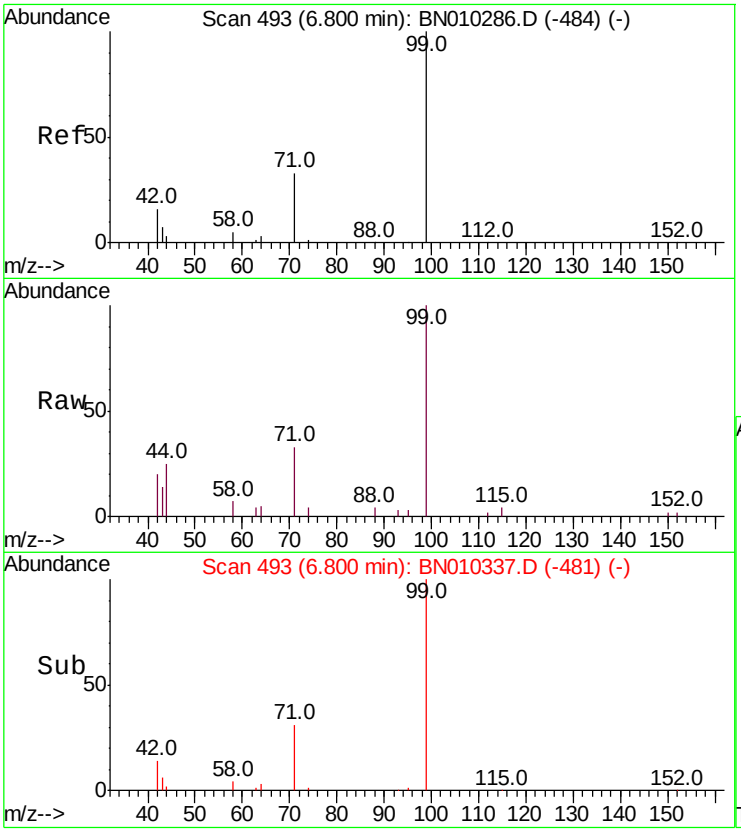


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:112 Resp: 3165

Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.4	62.2
63	27.5	22.9	34.3



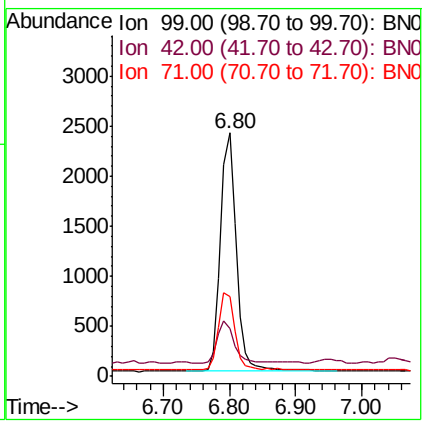


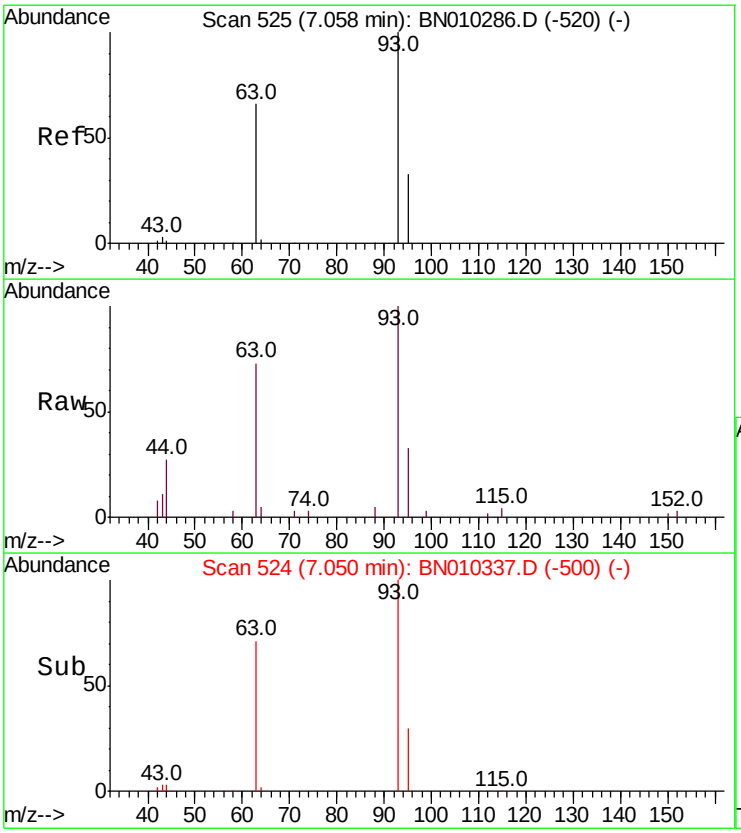
#5
Phenol-d6
Concen: 0.405 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3969

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.8	22.2
71	33.4	27.3	40.9

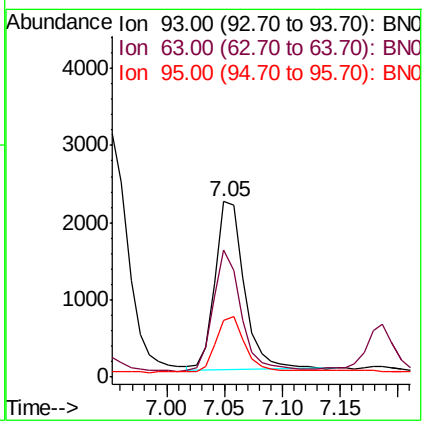


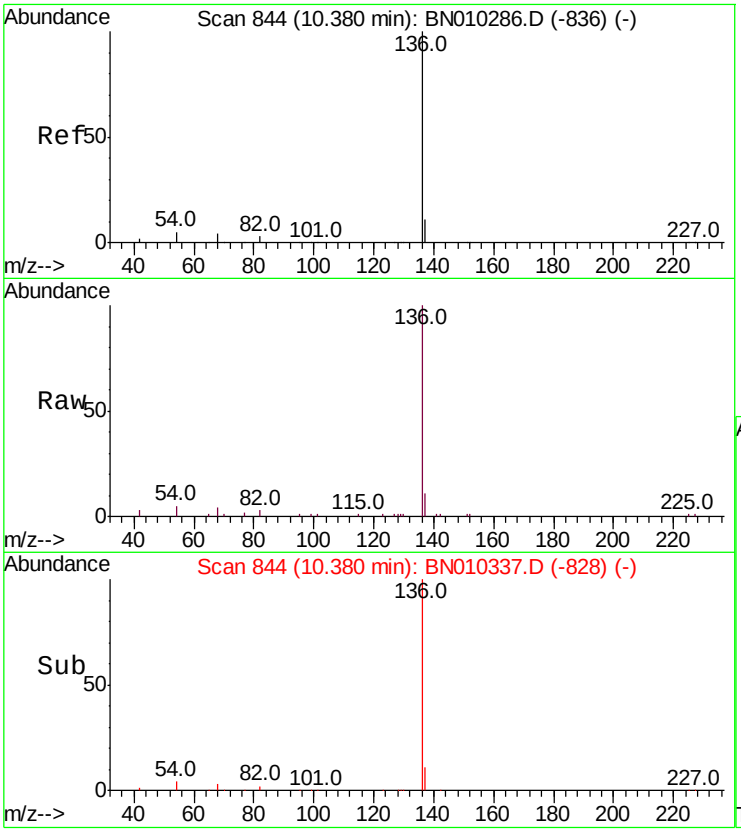


#6
bis(2-Chloroethyl)ether
Concen: 0.406 ng
RT: 7.05 min Scan# 524
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion: 93 Resp: 3820

Ion	Ratio	Lower	Upper
93	100		
63	69.2	55.6	83.4
95	34.9	26.2	39.4



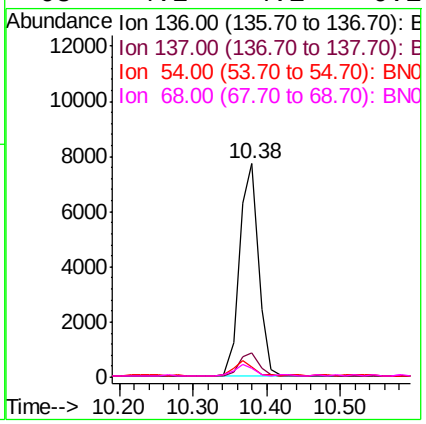


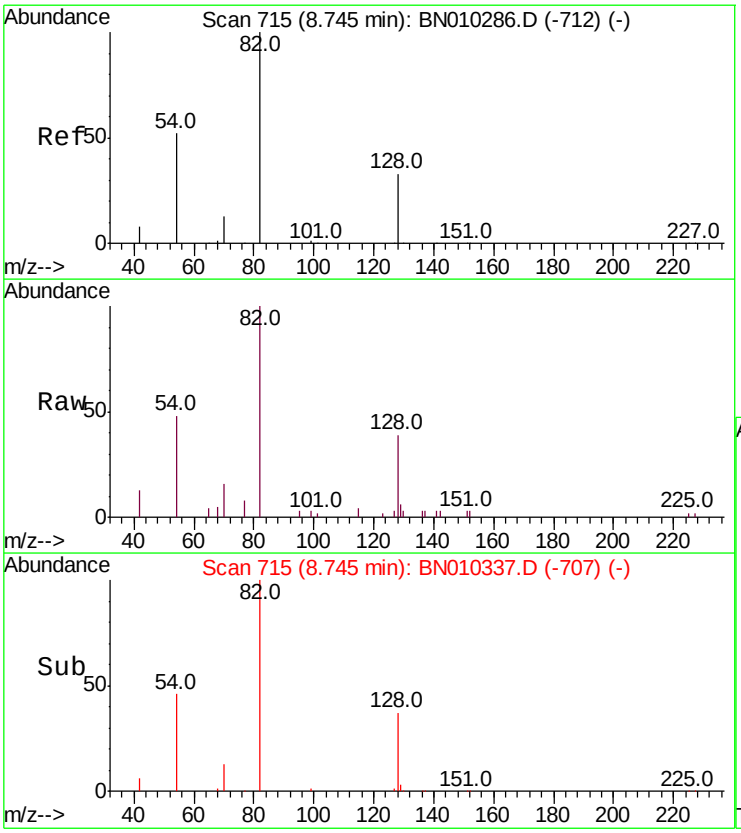
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 13666

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	4.7	4.8	7.2#
68	4.2	4.1	6.1

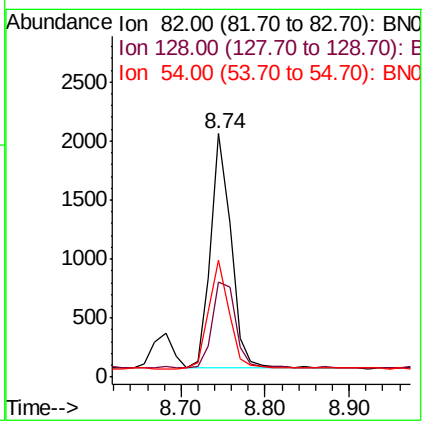


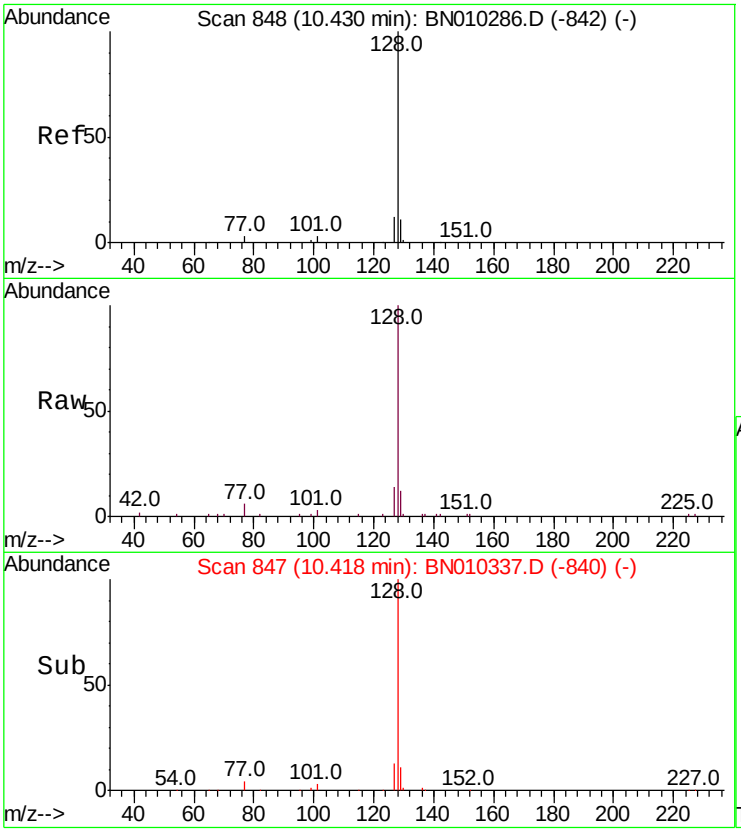


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion: 82 Resp: 3385

Ion	Ratio	Lower	Upper
82	100		
128	39.3	28.8	43.2
54	48.2	42.1	63.1



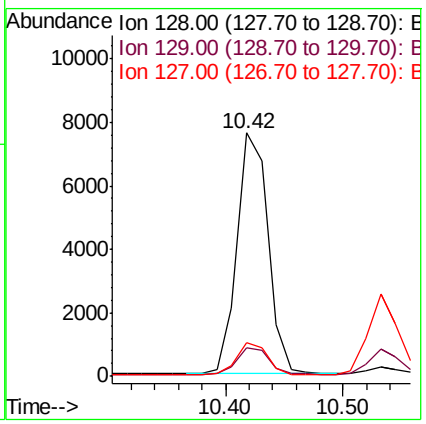


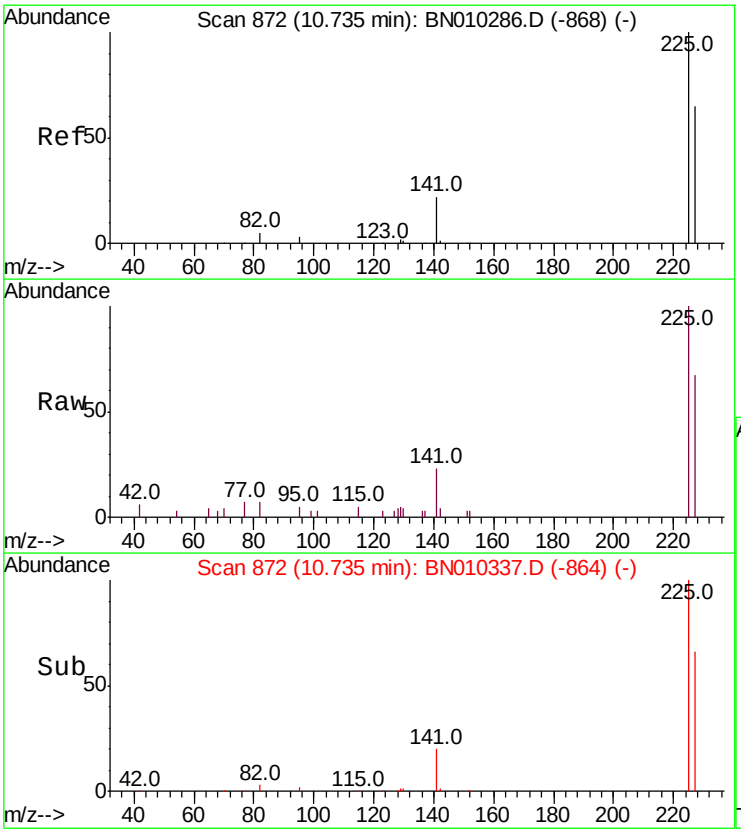
#9
Naphthalene
Concen: 0.407 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 13877

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.6	10.4	15.6

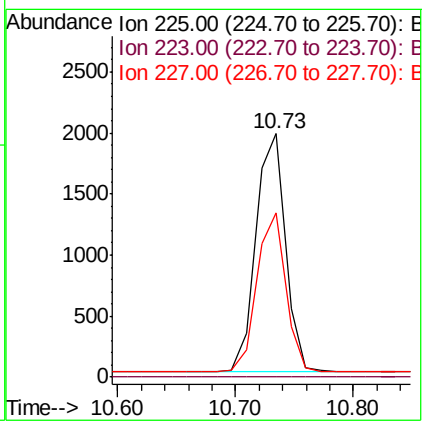


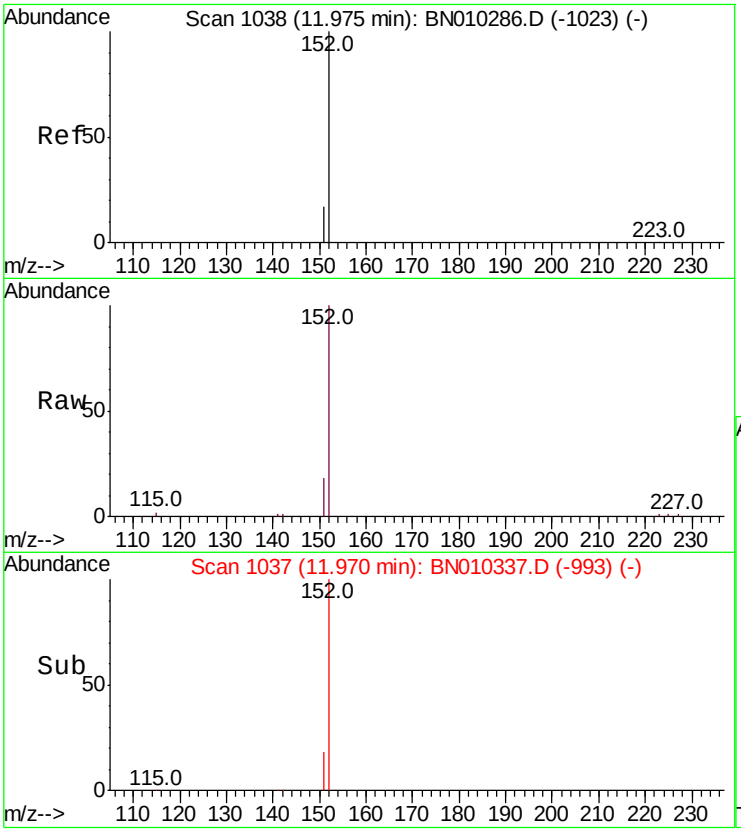


#10
Hexachlorobutadiene
Concen: 0.415 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:225 Resp: 3425

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.1	51.9	77.9



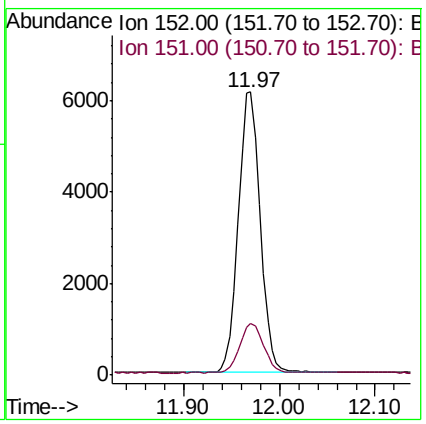


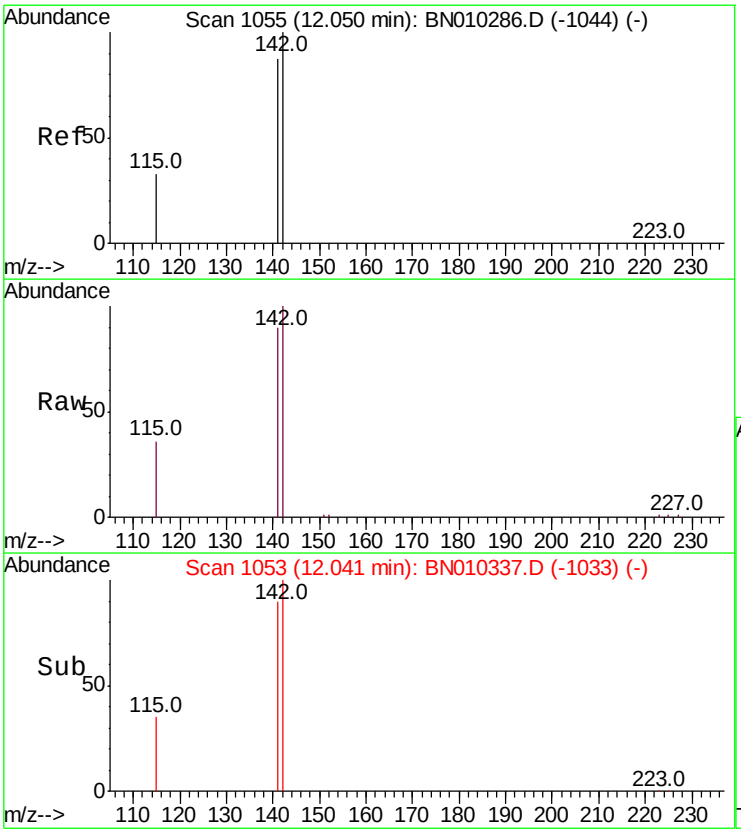
#11
2-Methylnaphthalene-d10
Concen: 0.447 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9756

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2

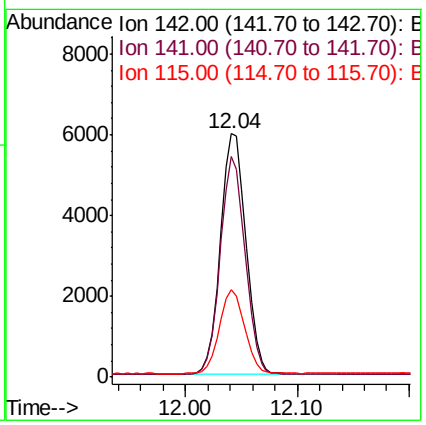


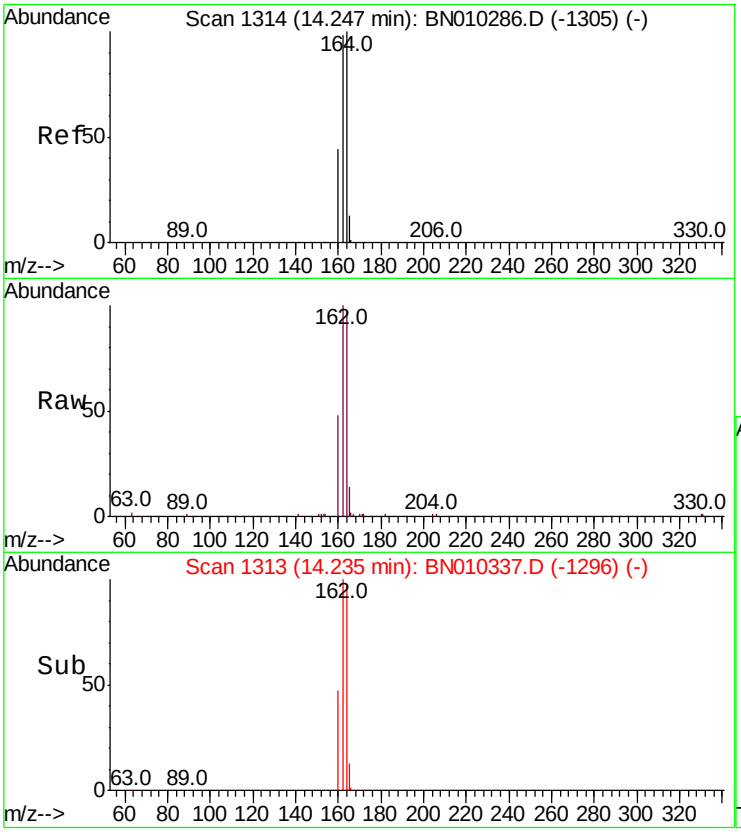


#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:142 Resp: 9477

Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.5	104.3
115	36.0	27.5	41.3



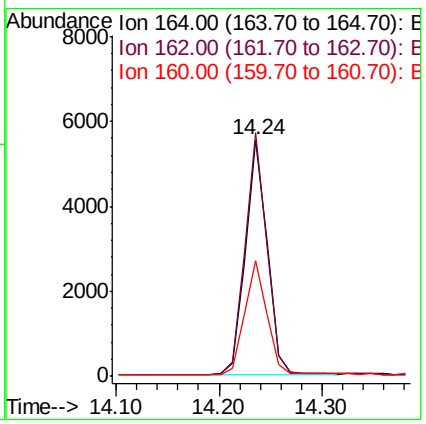


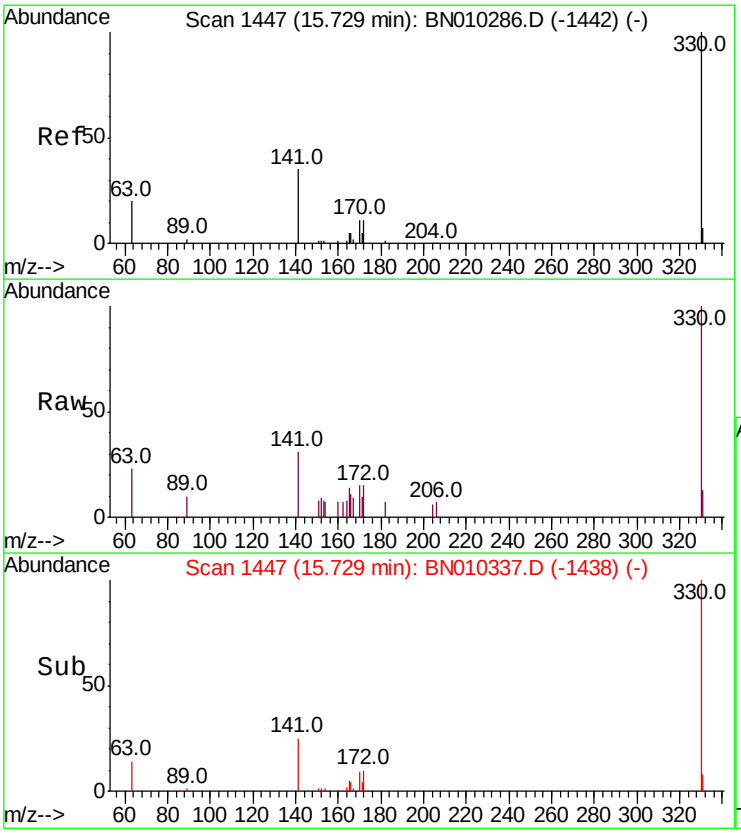
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7982

Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.2	117.2
160	49.2	35.8	53.6

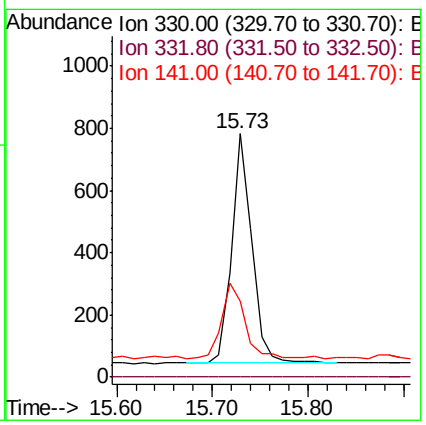


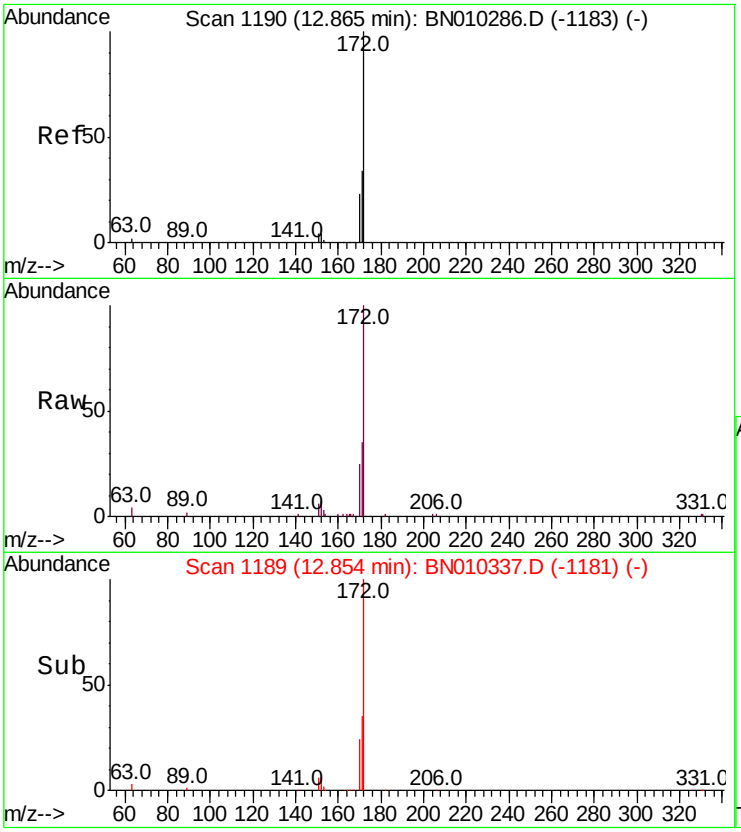


#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:330 Resp: 1087

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.2	29.3	43.9



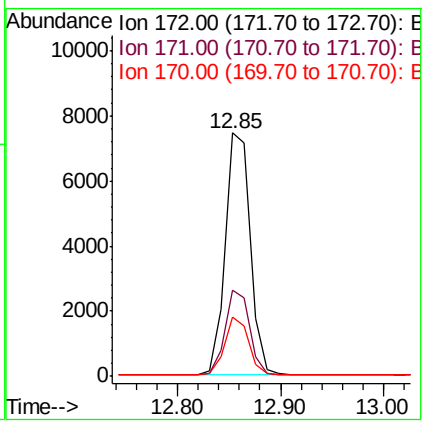


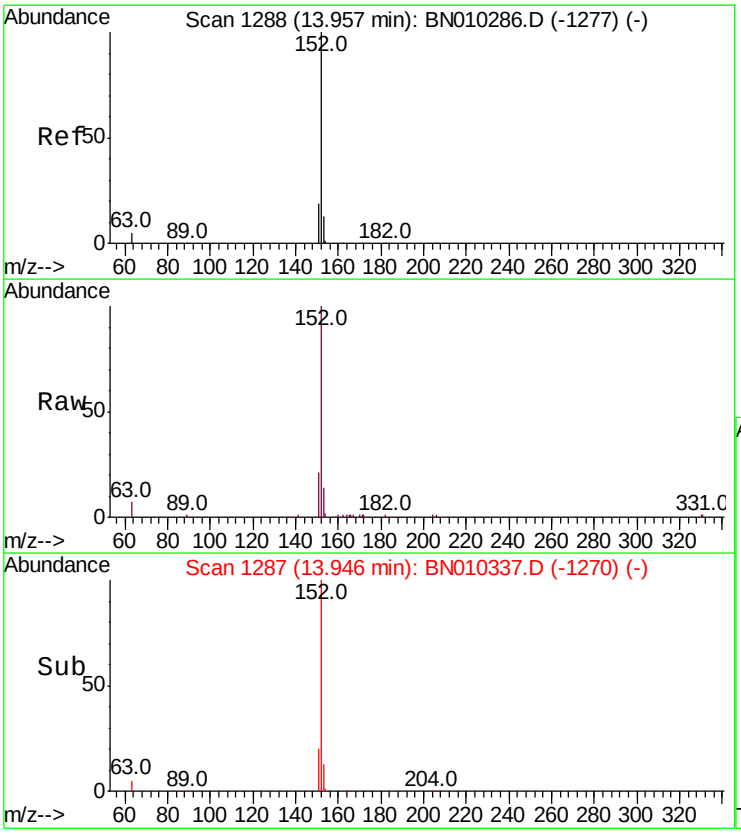
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 12505

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.6	41.4
170	24.5	18.5	27.7

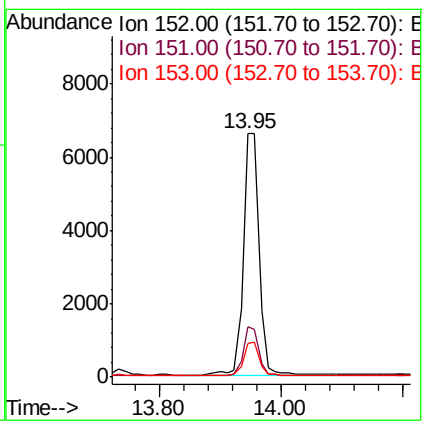


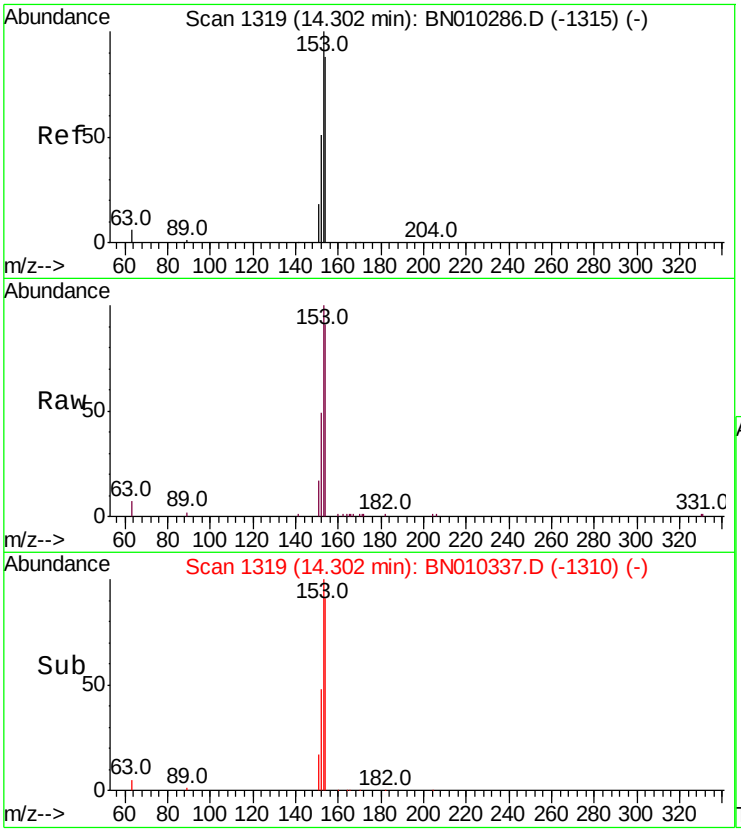


#16
Acenaphthylene
Concen: 0.376 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:152 Resp: 11786

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.4	10.6	15.8



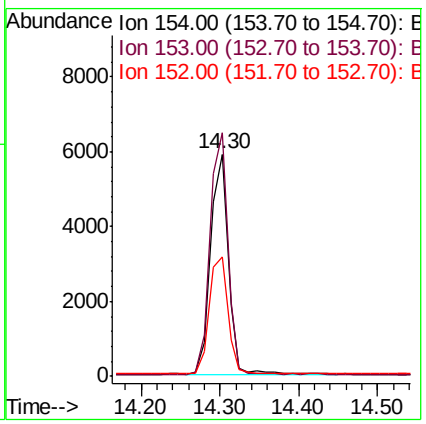


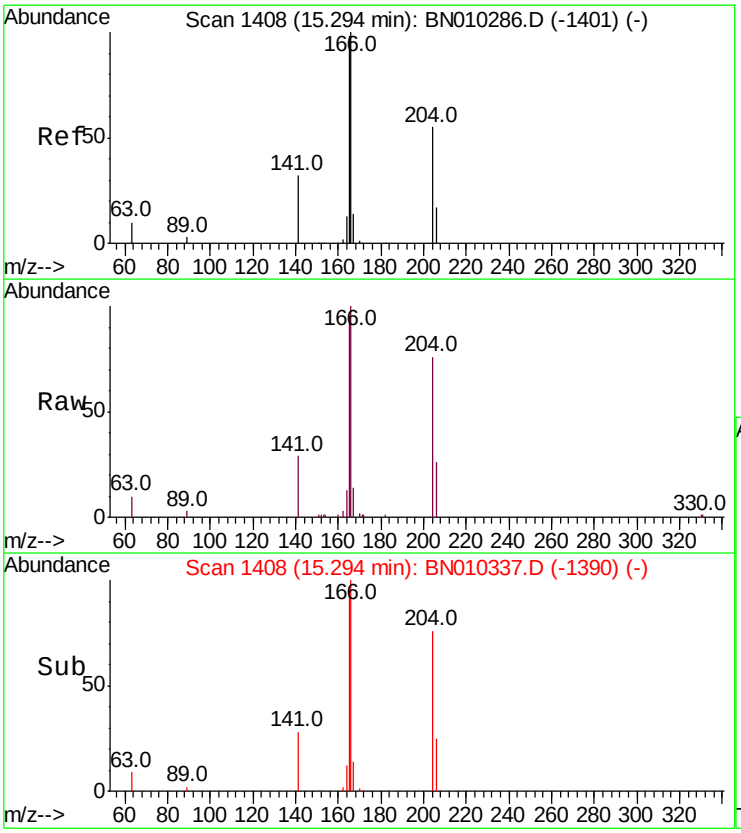
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 9175

Ion	Ratio	Lower	Upper
154	100		
153	109.9	88.1	132.1
152	55.7	45.5	68.3

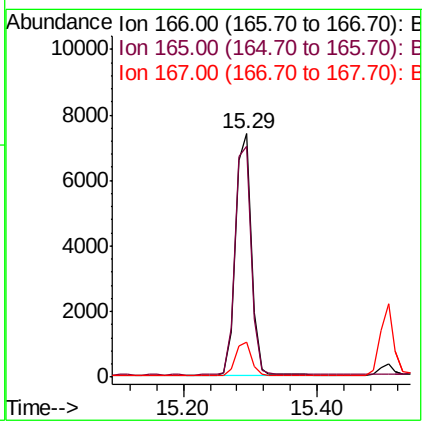


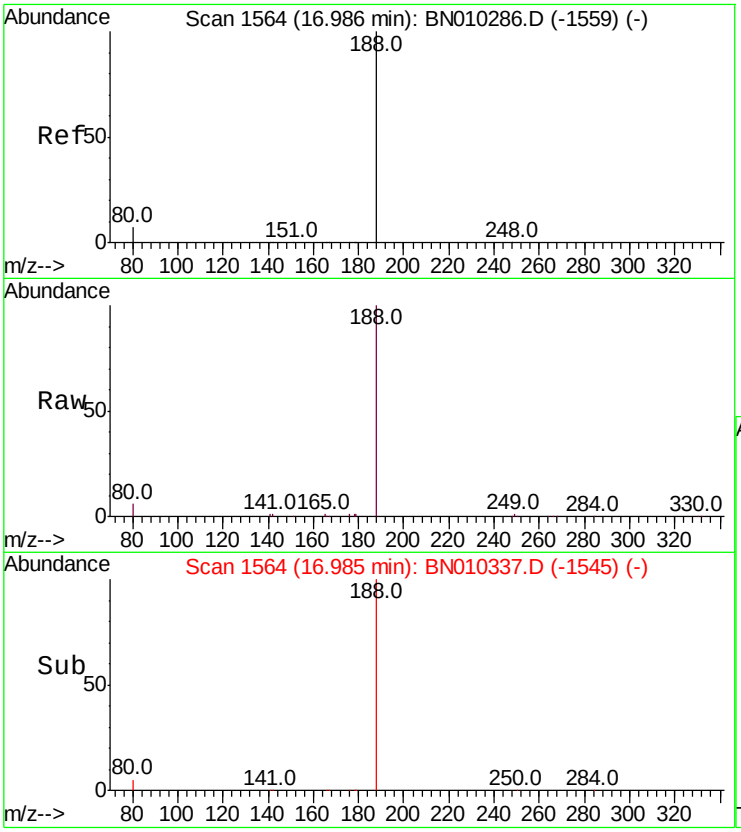


#18
Fluorene
Concen: 0.399 ng
RT: 15.29 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:166 Resp: 11812

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.7	118.1
167	13.5	11.0	16.4



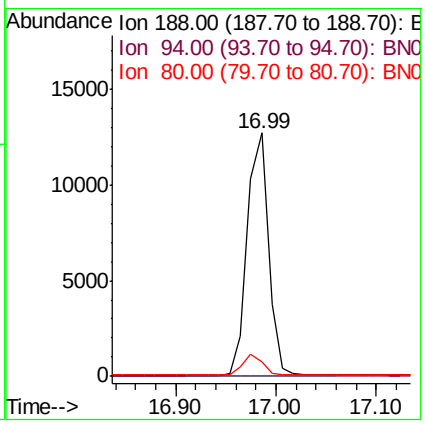


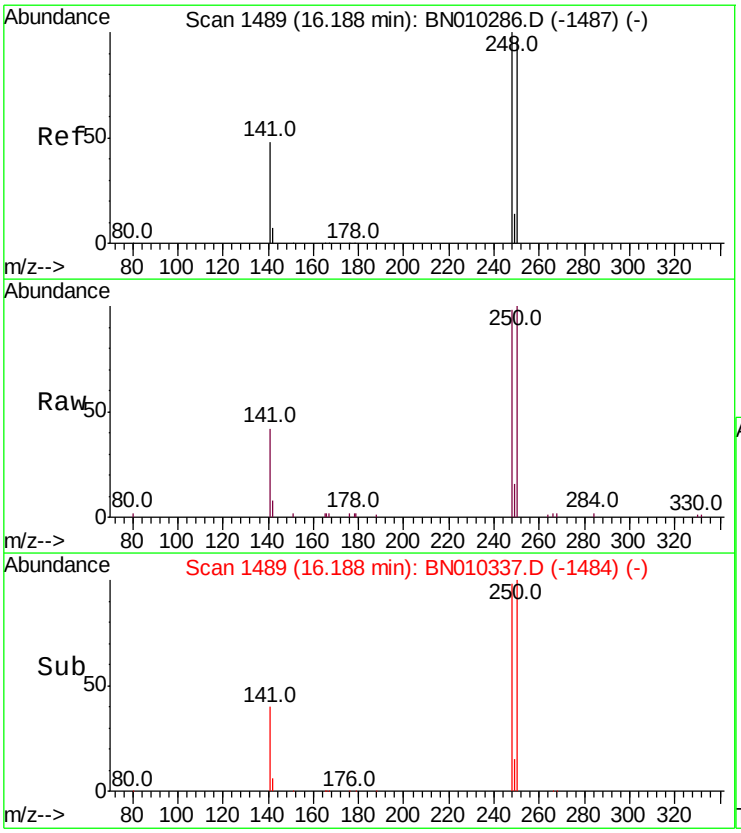
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 18769

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

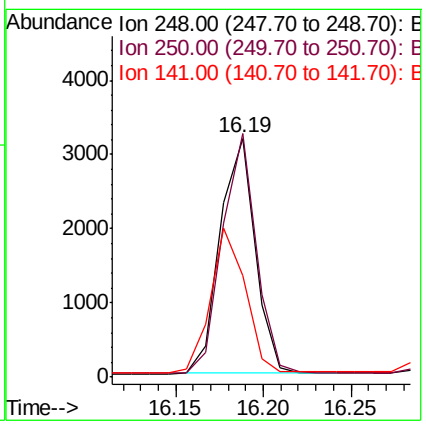


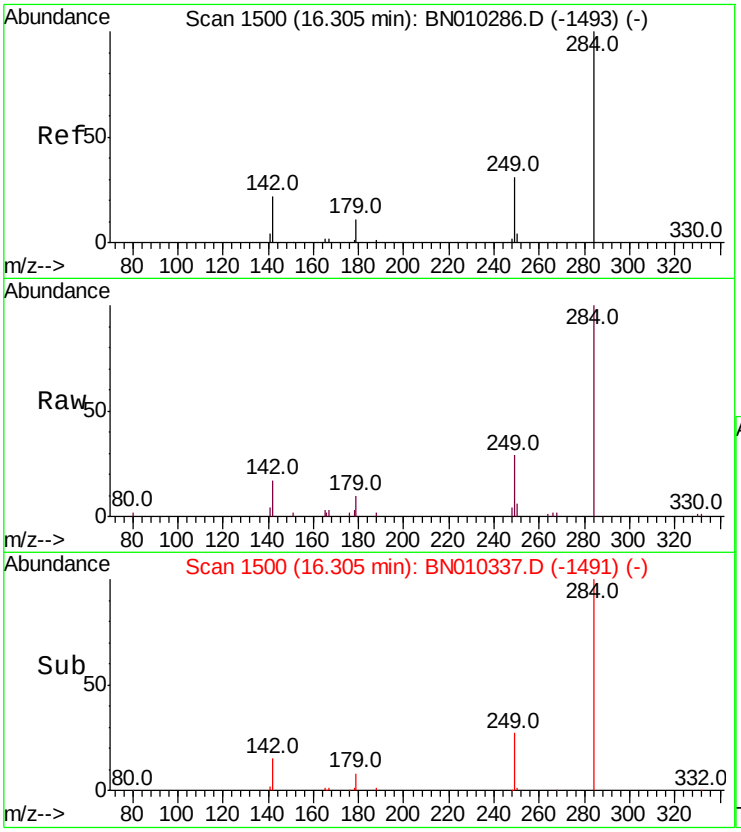


#20
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.19 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:248 Resp: 4359

Ion	Ratio	Lower	Upper
248	100		
250	101.8	76.8	115.2
141	42.6	44.4	66.6#



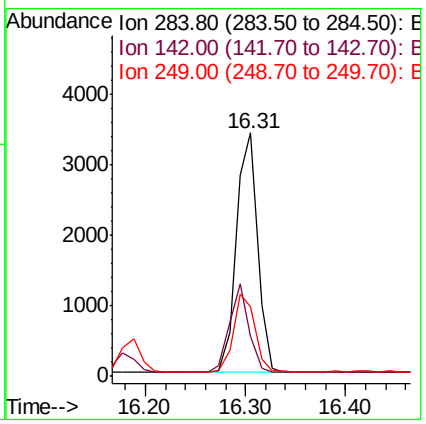


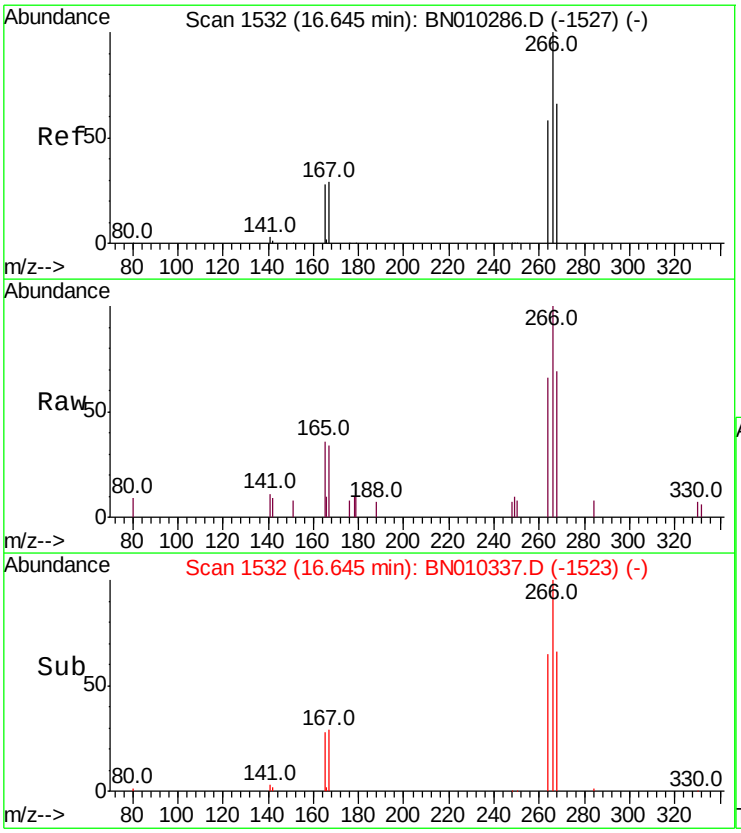
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5019

Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.4	41.2
249	33.0	26.5	39.7

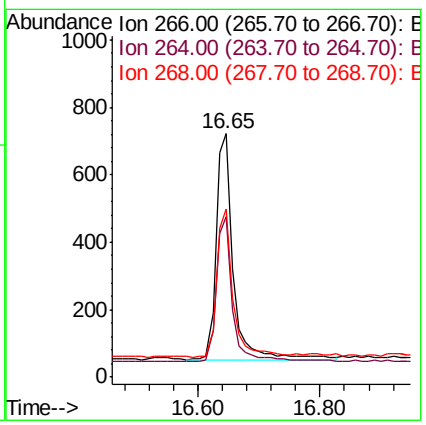


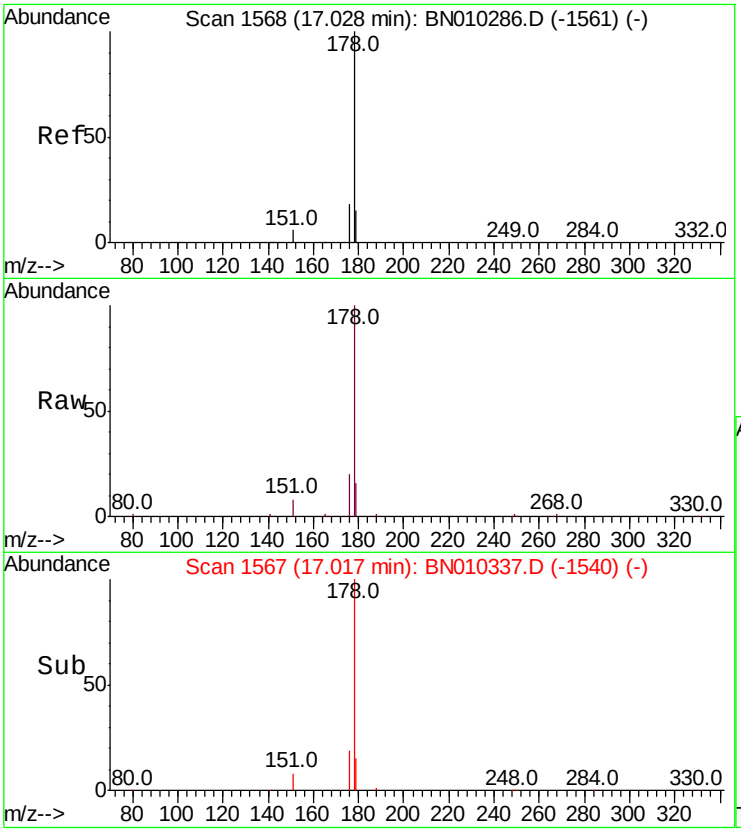


#22
Pentachlorophenol
Concen: 0.329 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:266 Resp: 1316

Ion	Ratio	Lower	Upper
266	100		
264	65.9	47.7	71.5
268	69.3	54.9	82.3



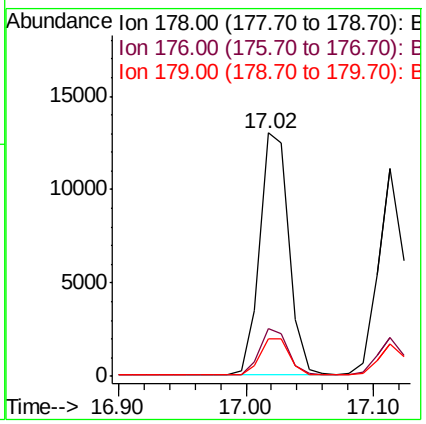


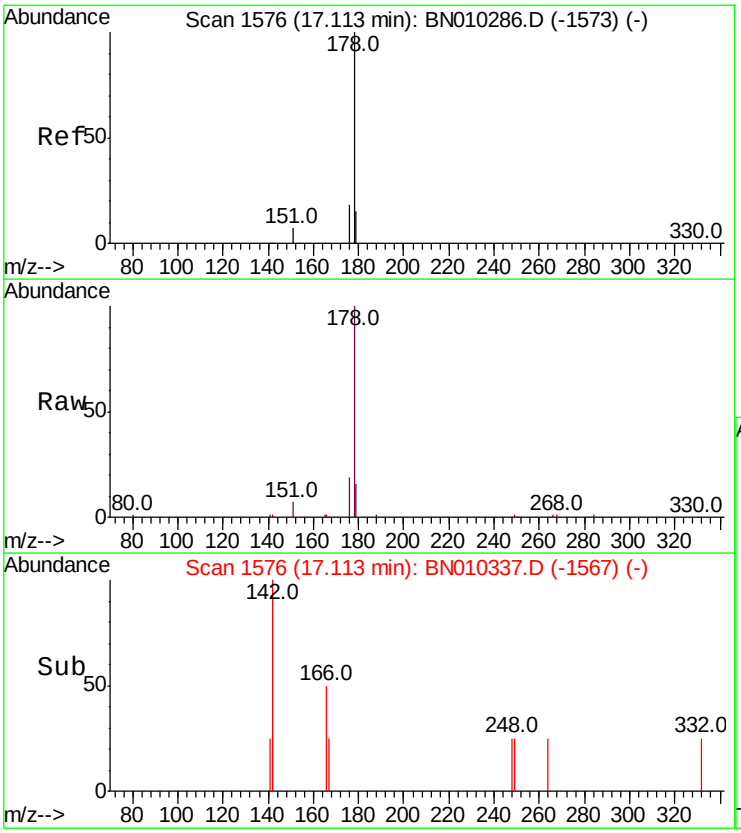
#23
Phenanthrene
Concen: 0.402 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 20741

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.4	18.6

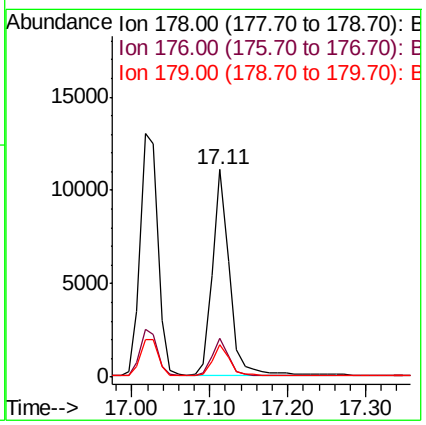


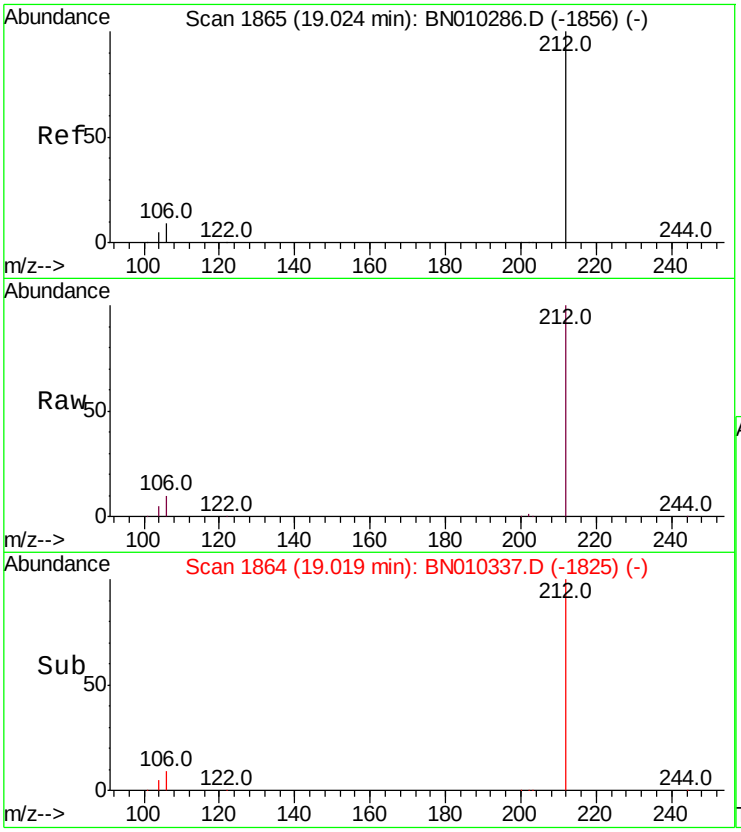


#24
Anthracene
Concen: 0.373 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:178 Resp: 16445

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.1	12.3	18.5



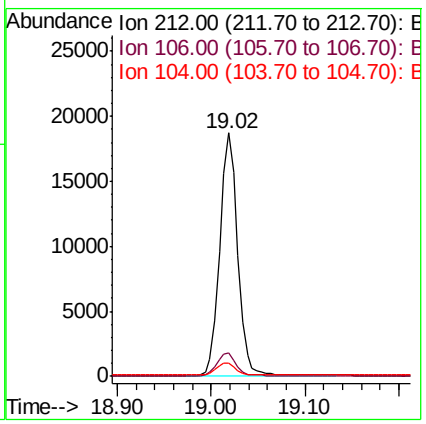


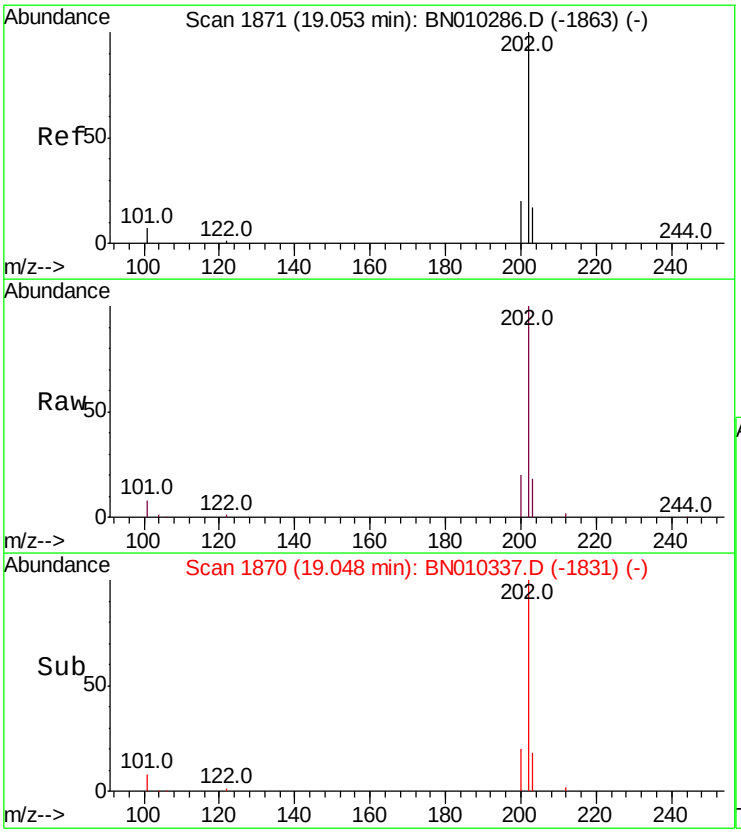
#25
Fluoranthene-d10
Concen: 0.435 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 24595

Ion	Ratio	Lower	Upper
212	100		
106	9.7	7.4	11.2
104	5.4	4.2	6.4

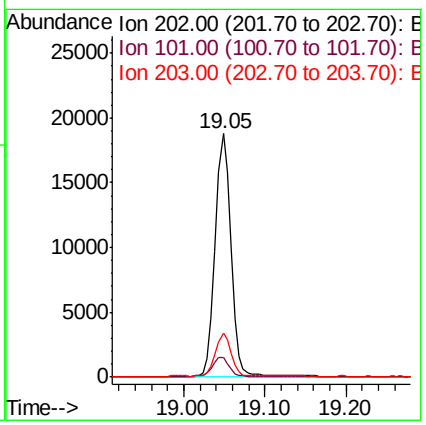


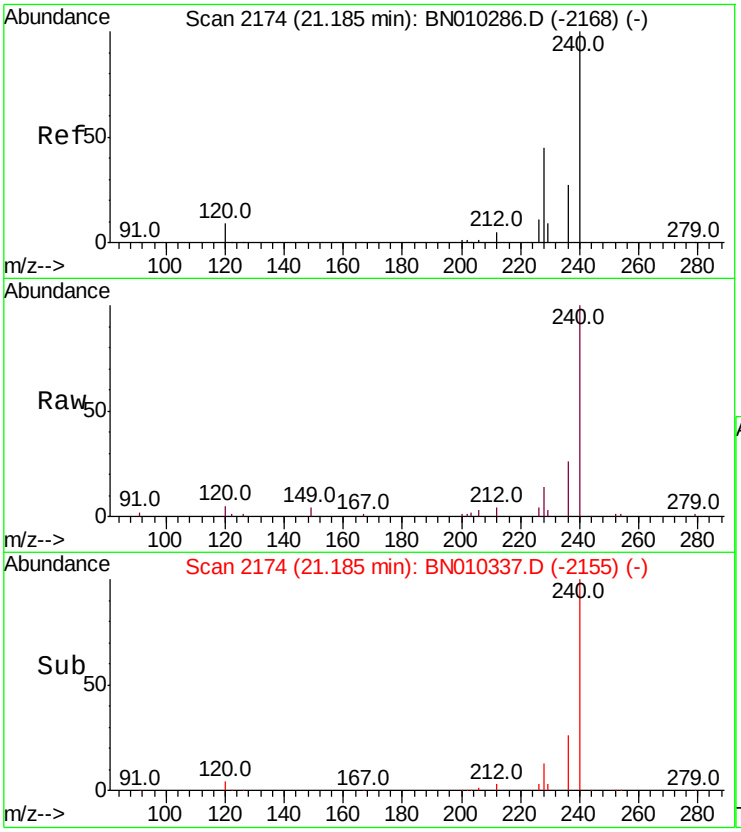


#26
Fluoranthene
Concen: 0.394 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:202 Resp: 24938

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



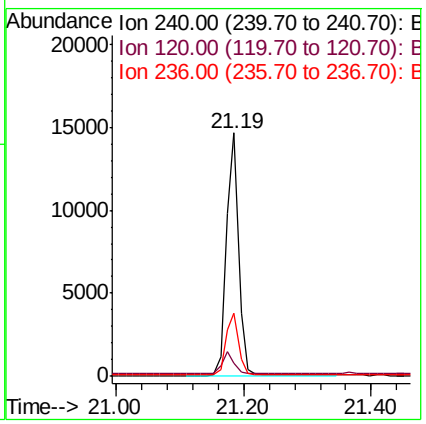


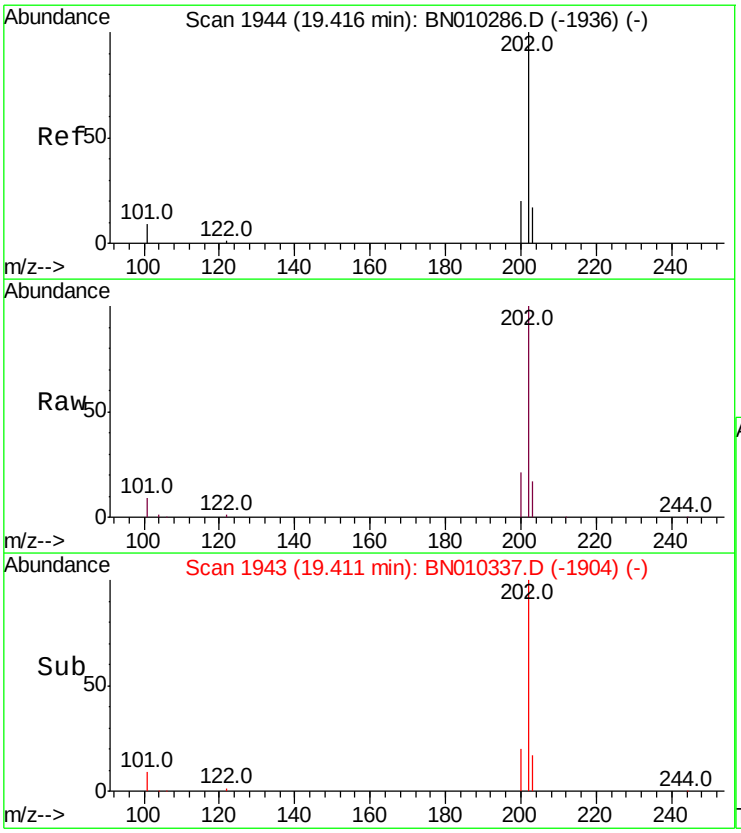
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Tgt Ion:240 Resp: 19194

Ion	Ratio	Lower	Upper
240	100		
120	5.4	7.9	11.9#
236	26.2	22.2	33.4

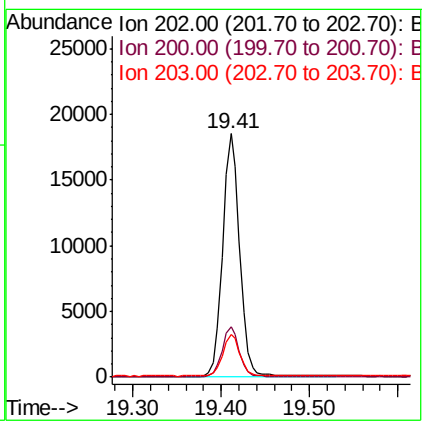


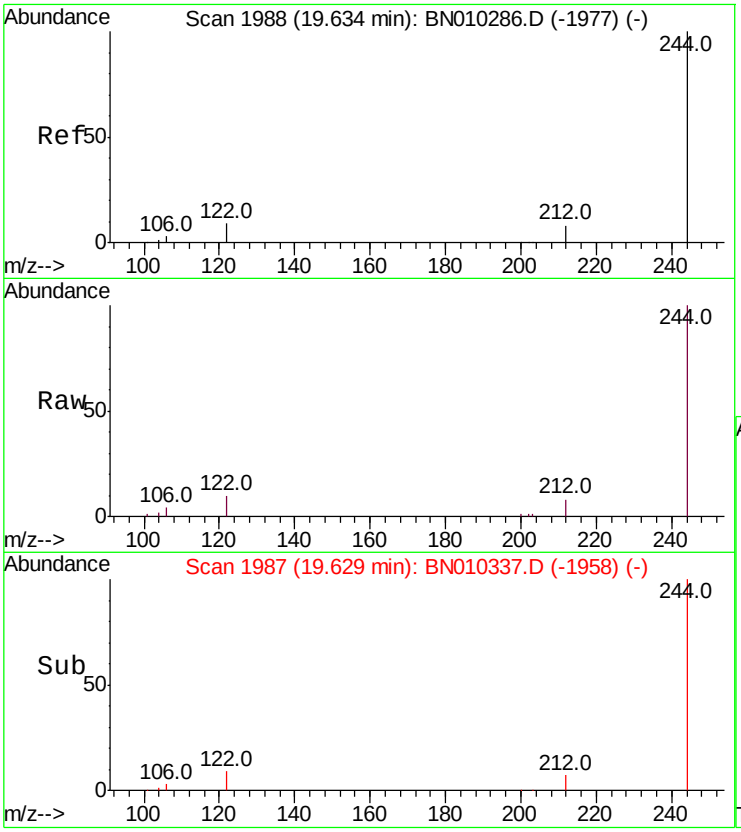


#28
Pyrene
Concen: 0.415 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:202 Resp: 24815

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



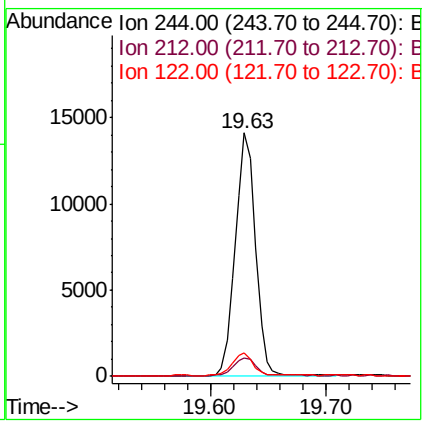


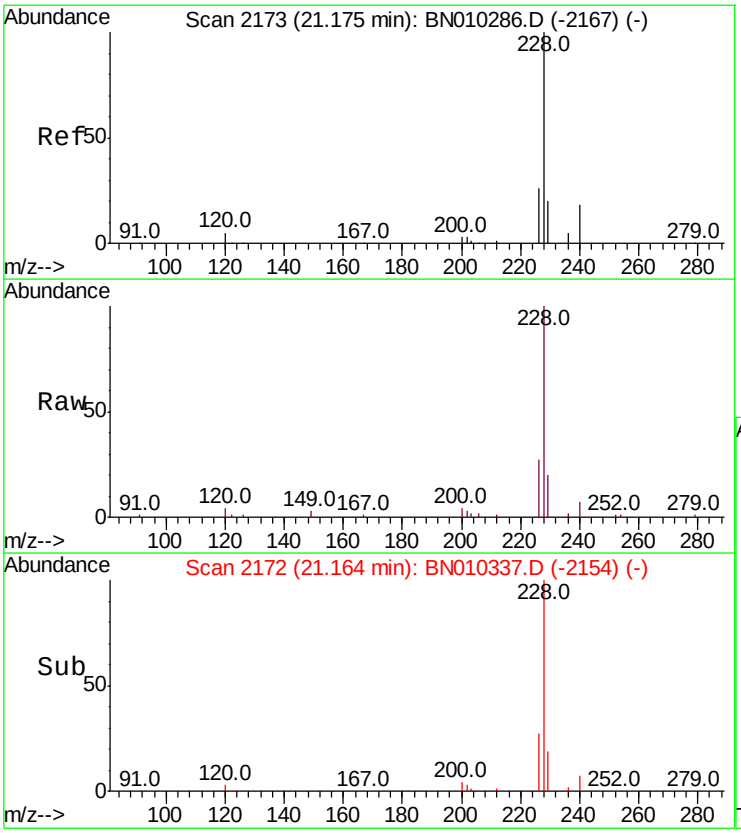
#29
Terphenyl-d14
Concen: 0.411 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 17028

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	9.6	7.6	11.4

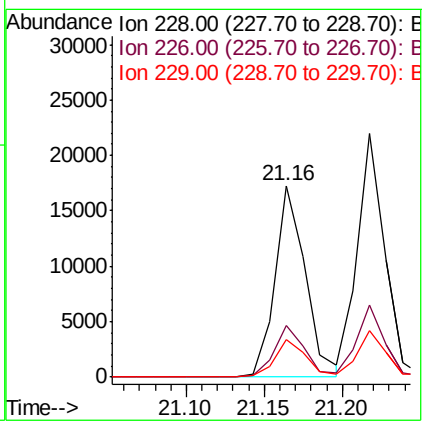


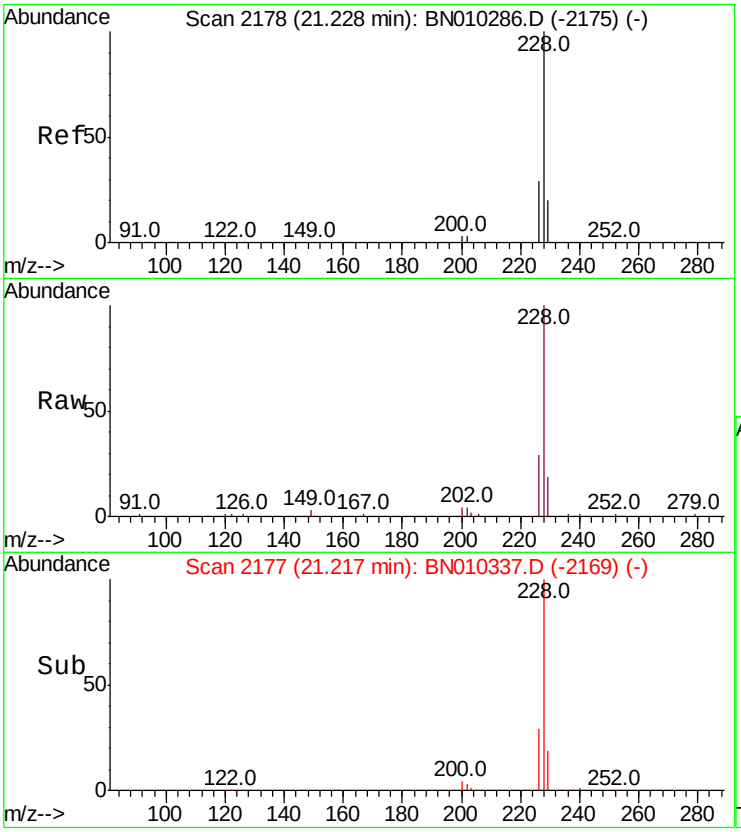


#30
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:228 Resp: 23074

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.4
229	19.7	16.0	24.0



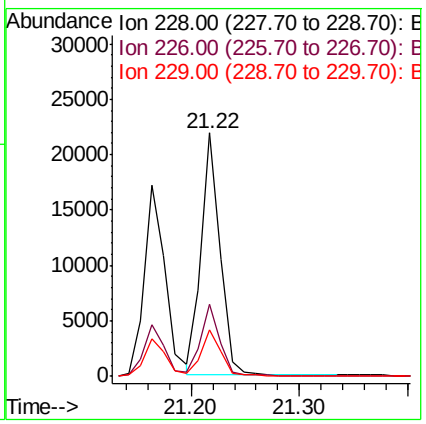


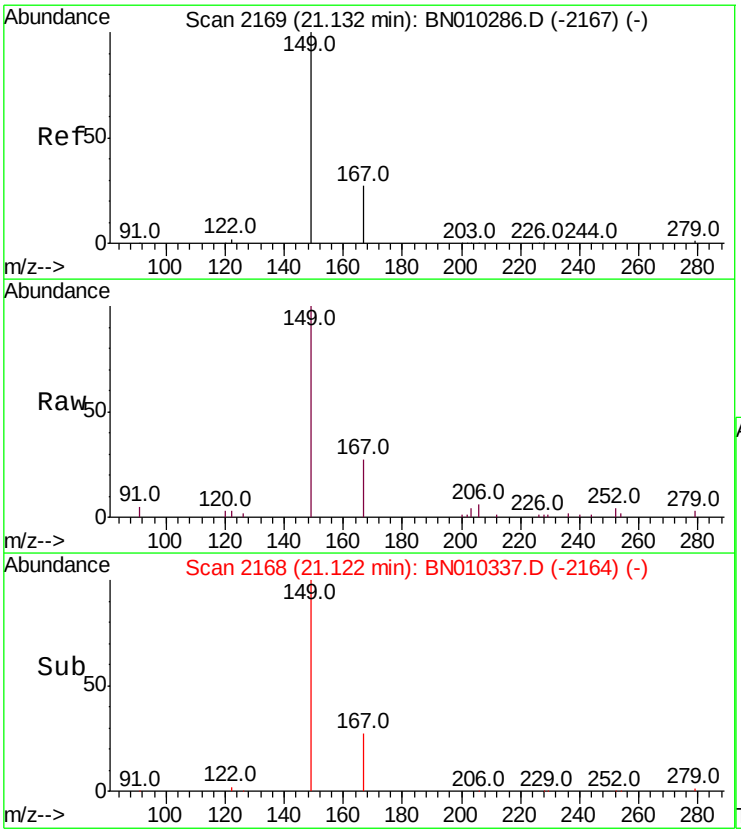
#31
Chrysene
Concen: 0.406 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 26611

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.6
229	19.0	16.0	24.0

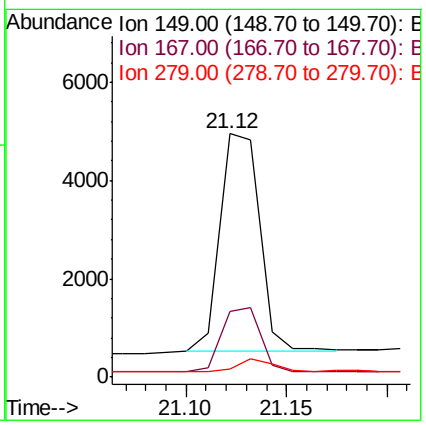


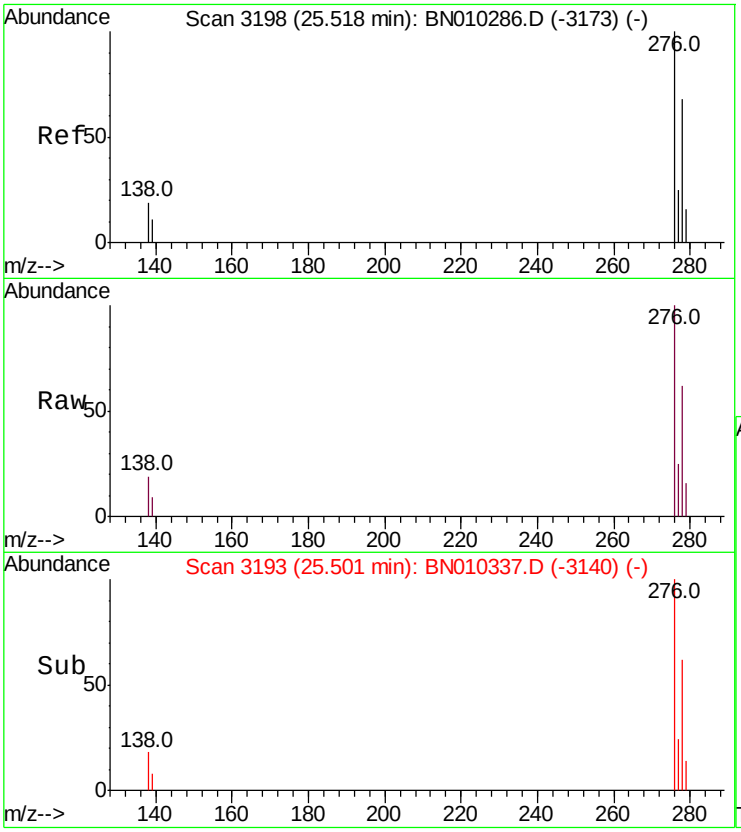


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.299 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:149 Resp: 6164

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.0	34.6
279	4.9	3.8	5.8



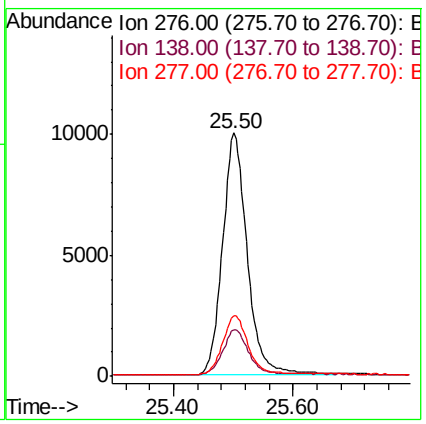


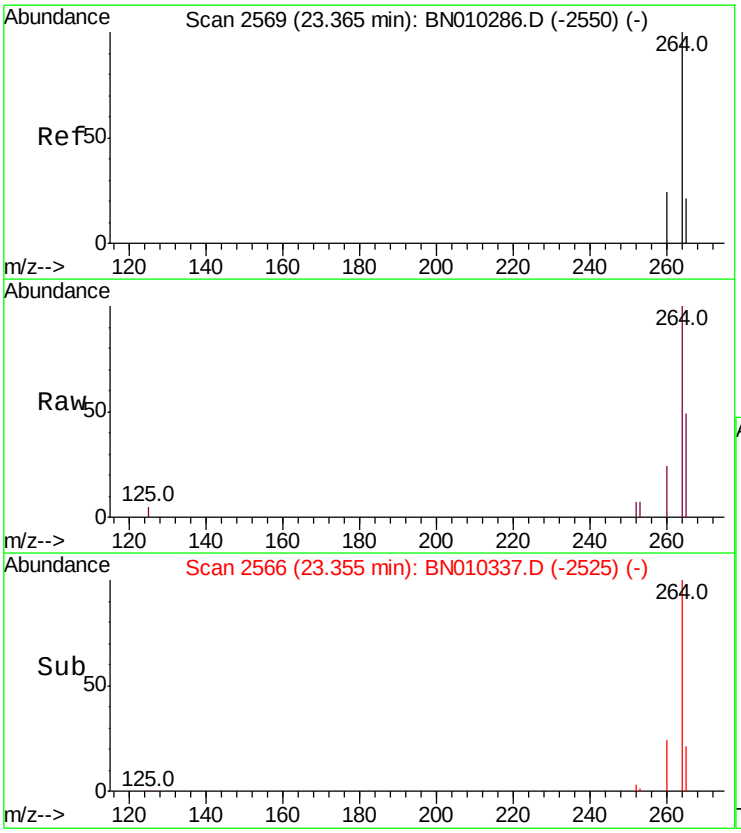
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng
RT: 25.50 min Scan# 3193
Delta R.T. -0.02 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 28812

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.6	23.4
277	24.6	20.1	30.1

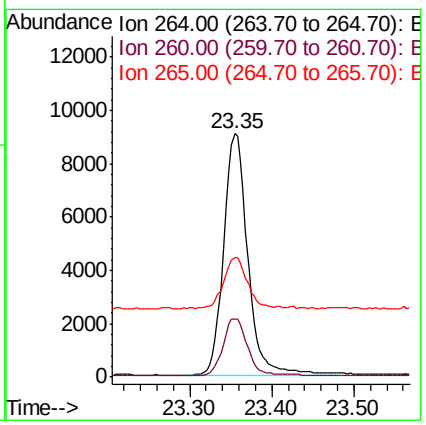


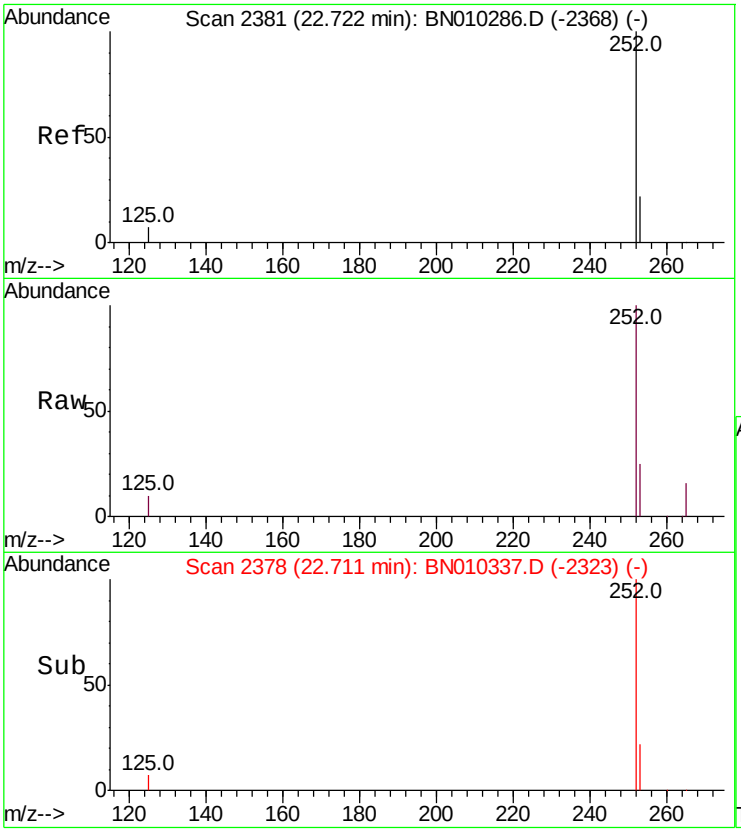


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:264 Resp: 18495

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	49.2	32.4	48.6#



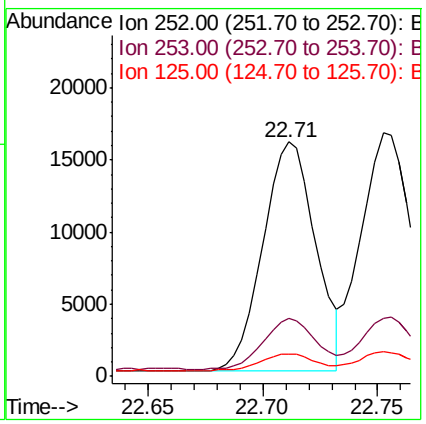


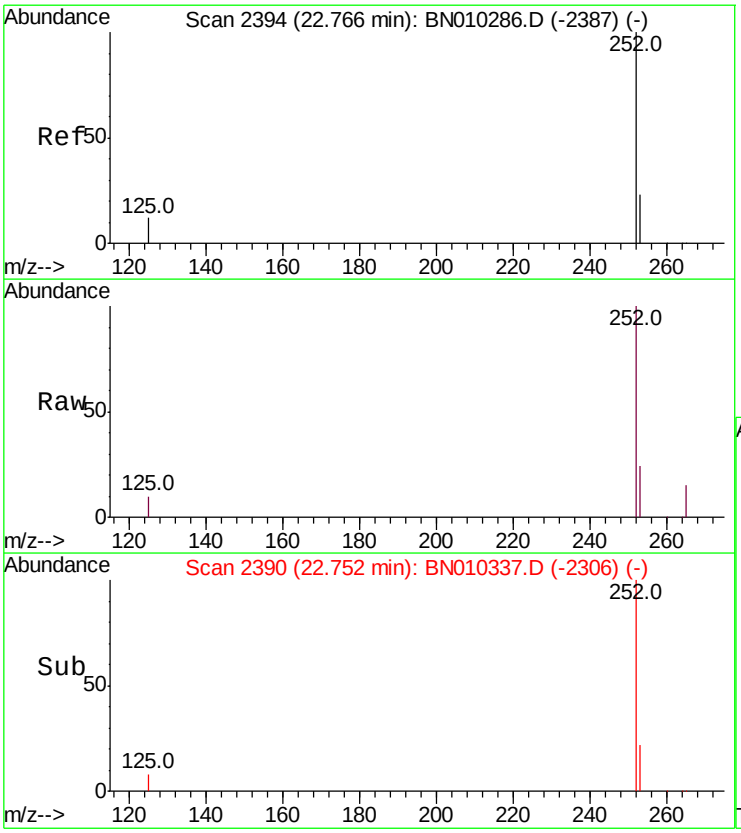
#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 25397

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.2	28.8
125	9.7	7.4	11.0

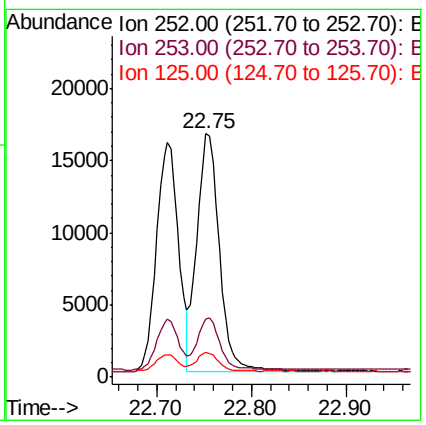


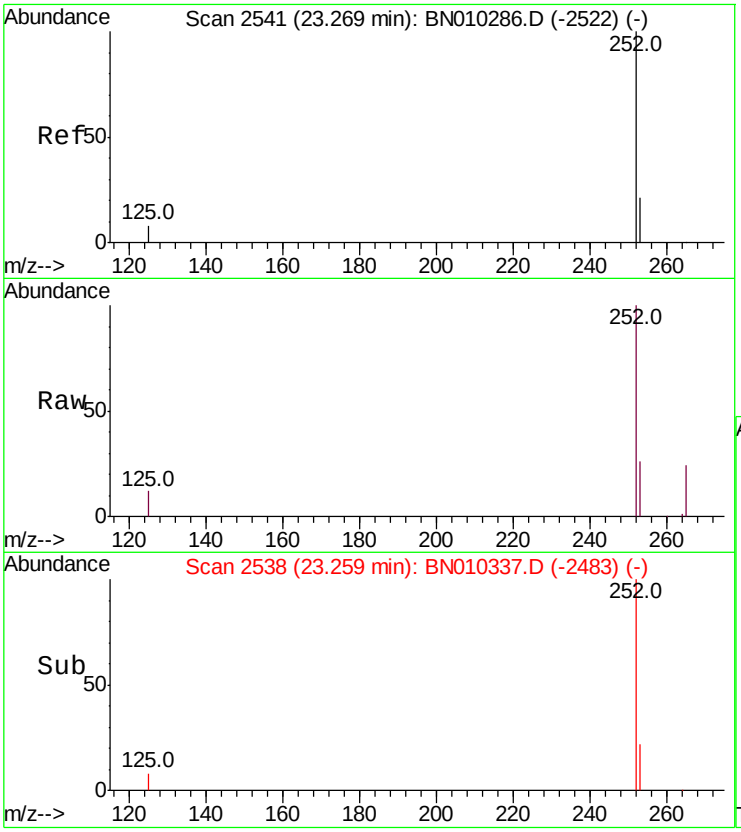


#36
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 22.75 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:252 Resp: 27003

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.0
125	10.2	10.2	15.2



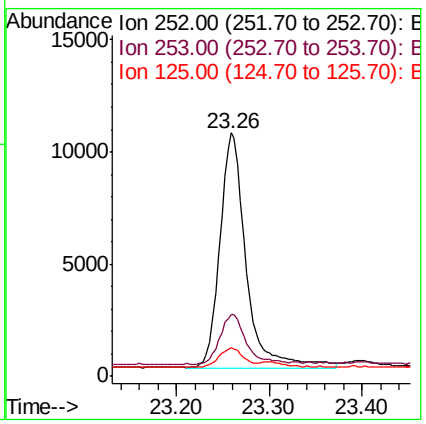


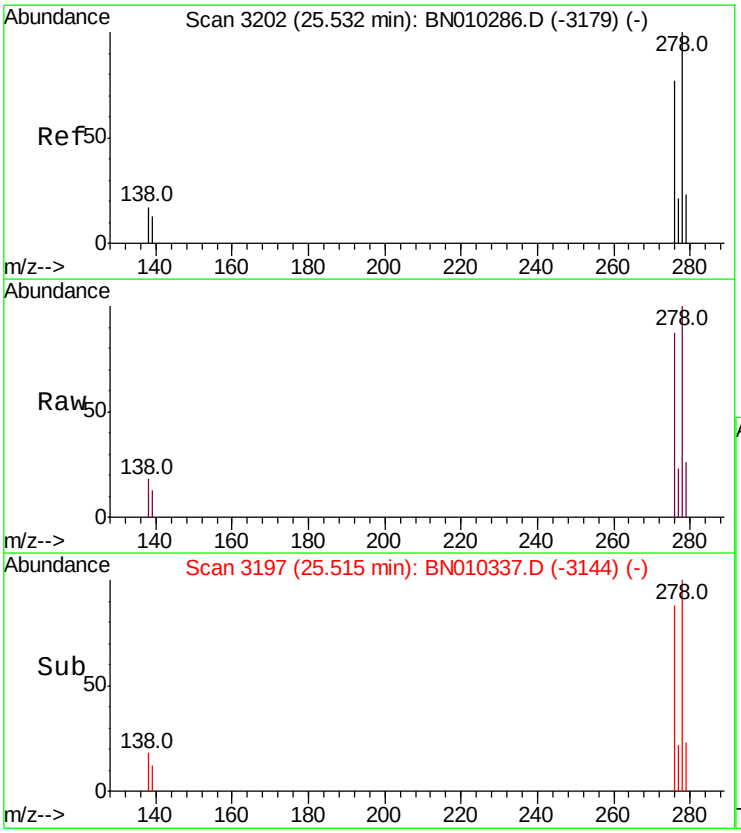
#37
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 20745

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.9	29.9
125	11.5	8.9	13.3

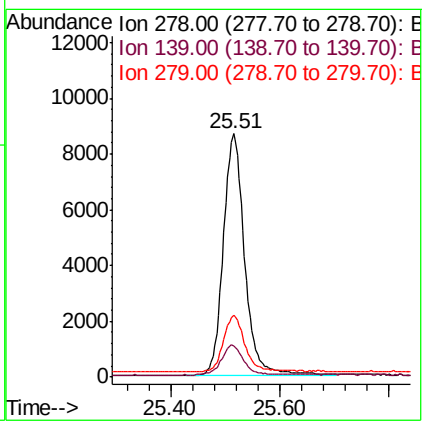


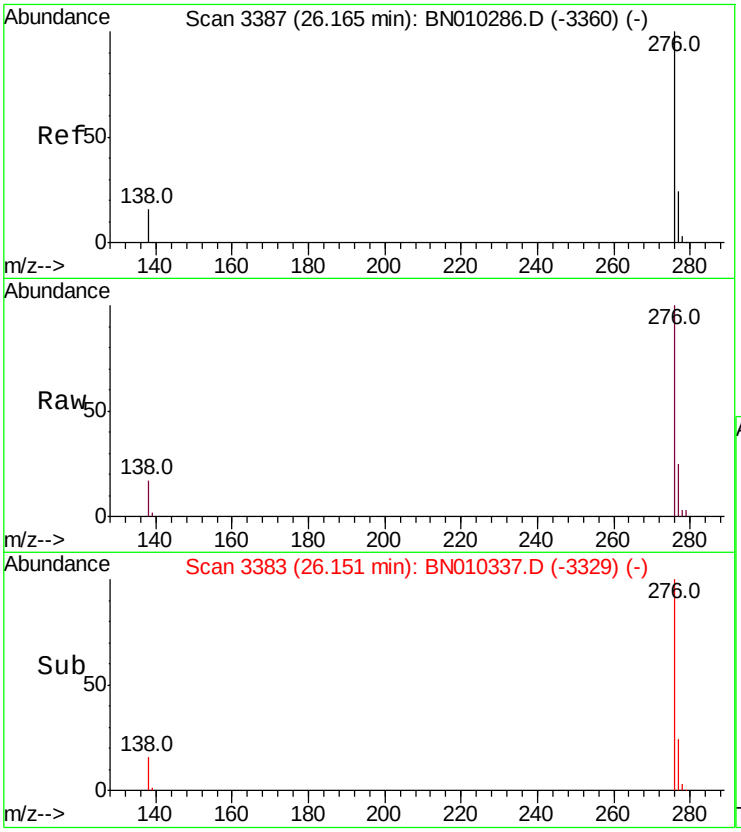


#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 25.51 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Tgt Ion:278 Resp: 23498

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.6	16.0
279	25.6	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 26.15 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BN010337.D
Acq: 24 Mar 2020 21:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 23989

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.6	29.4
138	16.5	13.3	19.9