Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041520\
Data File : BN010503.D
Acq On : 15 Apr 2020 10:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 15 11:31:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3865	0.40	ng		-0.02
7) Naphthalene-d8	10.35	136	16164	0.40	ng		-0.01
13) Acenaphthene-d10	14.22	164	10614	0.40	ng		-0.01
19) Phenanthrene-d10	16.97	188	24189	0.40	ng		-0.01
27) Chrysene-d12	21.18	240	27926	0.40	ng		-0.01
34) Perylene-d12	23.35	264	25105	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3451	0.41	ng		0.00
5) Phenol-d6	6.78	99	4809	0.43	ng		-0.02
8) Nitrobenzene-d5	8.73	82	4799	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	11.95	152	10847	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	1958	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	17174	0.44	ng		-0.01
25) Fluoranthene-d10	19.01	212	31786	0.43	ng		0.00
29) Terphenyl-d14	19.62	244	29106	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1225	0.431	ng	#	89
3) n-Nitrosodimethylamine	3.55	42	931	0.505	ng	#	82
6) bis(2-Chloroethyl)ether	7.03	93	4226	0.441	ng		98
9) Naphthalene	10.41	128	17474	0.435	ng		100
10) Hexachlorobutadiene	10.71	225	3929	0.406	ng	#	98
12) 2-Methylnaphthalene	12.02	142	12786	0.443	ng		98
16) Acenaphthylene	13.94	152	19221	0.419	ng		100
17) Acenaphthene	14.29	154	12547	0.426	ng		99
18) Fluorene	15.28	166	16551	0.429	ng		100
20) 4-Bromophenyl-phenylether	16.17	248	5496	0.409	ng	#	95
21) Hexachlorobenzene	16.29	284	6497	0.424	ng		99
22) Pentachlorophenol	16.63	266	2496	0.414	ng		97
23) Phenanthrene	17.01	178	29167	0.446	ng		100
24) Anthracene	17.10	178	26668	0.447	ng		100
26) Fluoranthene	19.04	202	38010	0.467	ng		99
28) Pyrene	19.40	202	39537	0.421	ng		99
30) Benzo(a)anthracene	21.17	228	38134	0.419	ng		98
31) Chrysene	21.21	228	39151	0.431	ng		99
32) Bis(2-ethylhexyl)phthalate	21.11	149	16006	0.342	ng		100
33) Indeno(1,2,3-cd)pyrene	25.49	276	36529	0.455	ng		99
35) Benzo(b)fluoranthene	22.71	252	35331	0.427	ng		98
36) Benzo(k)fluoranthene	22.75	252	36806	0.444	ng		99
37) Benzo(a)pyrene	23.25	252	31936	0.436	ng		96
38) Dibenzo(a,h)anthracene	25.51	278	30022	0.449	ng		97
39) Benzo(g,h,i)perylene	26.14	276	30624	0.455	ng		99

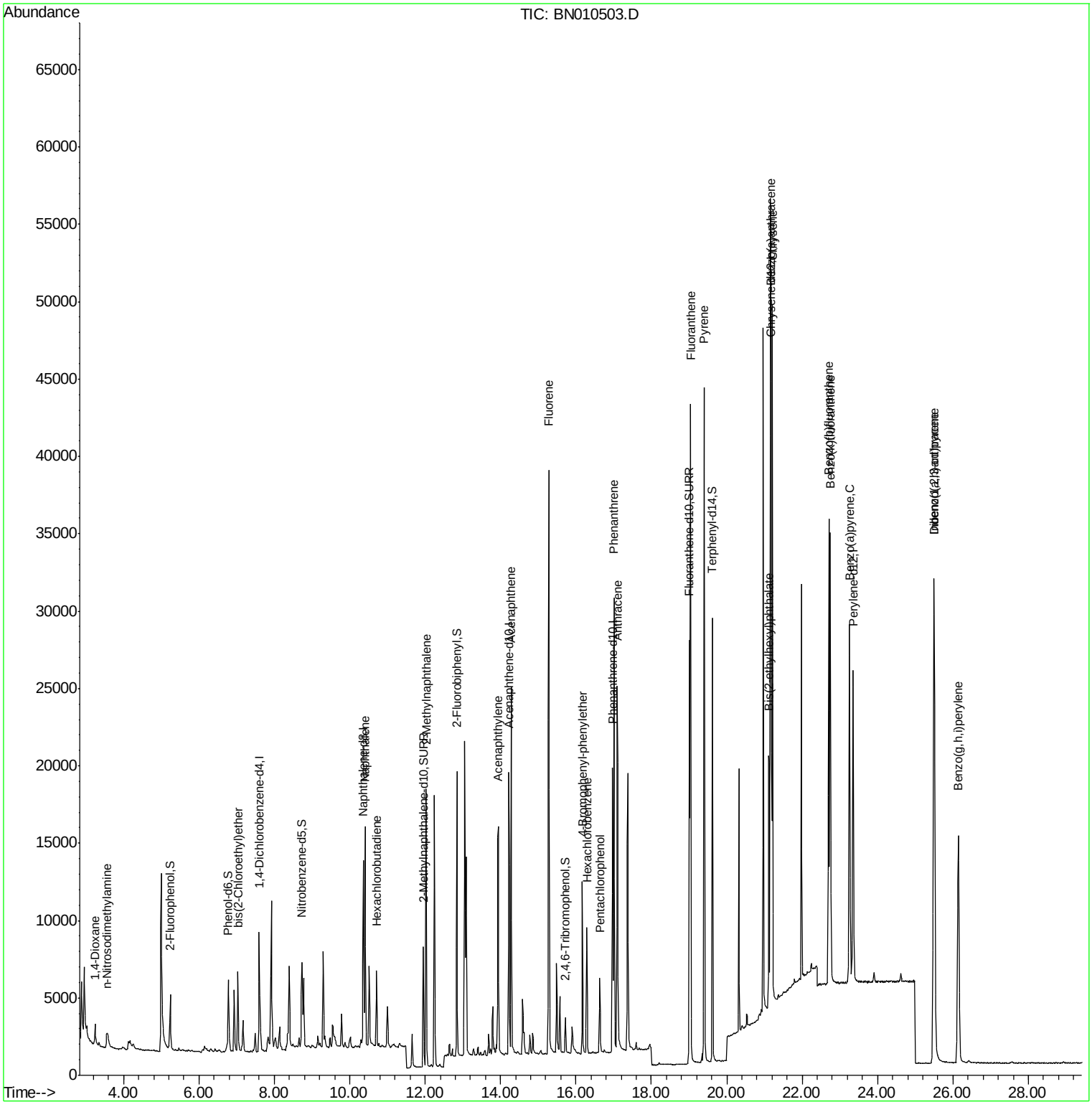
(#) = qualifier out of range (m) = manual integration (+) = signals summed

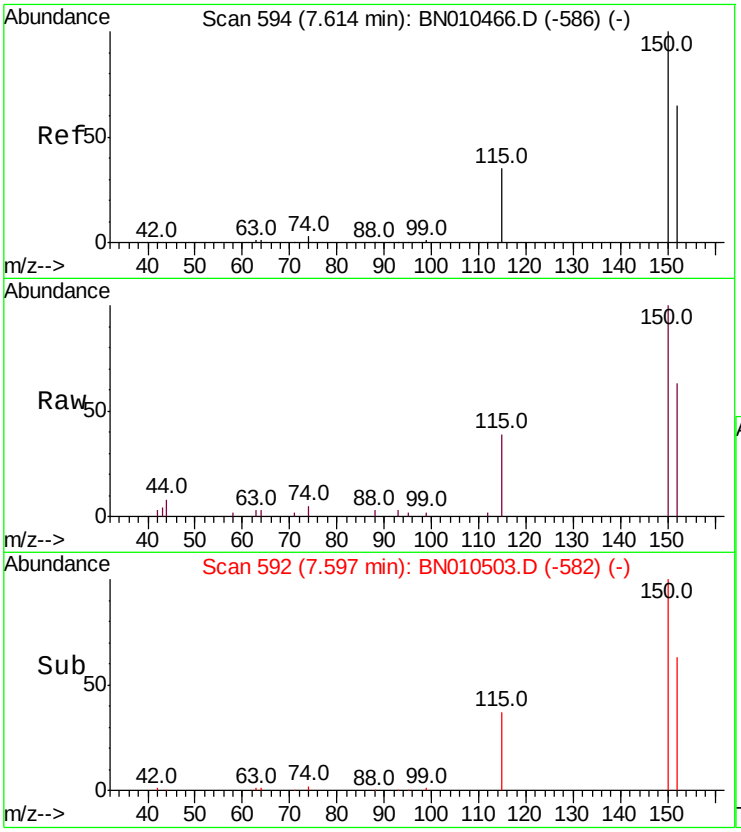
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041520\
Data File : BN010503.D
Acq On : 15 Apr 2020 10:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 15 11:31:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration



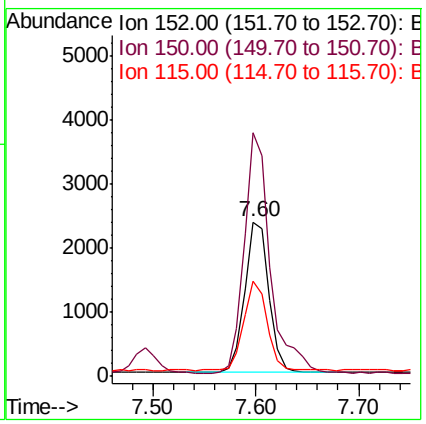


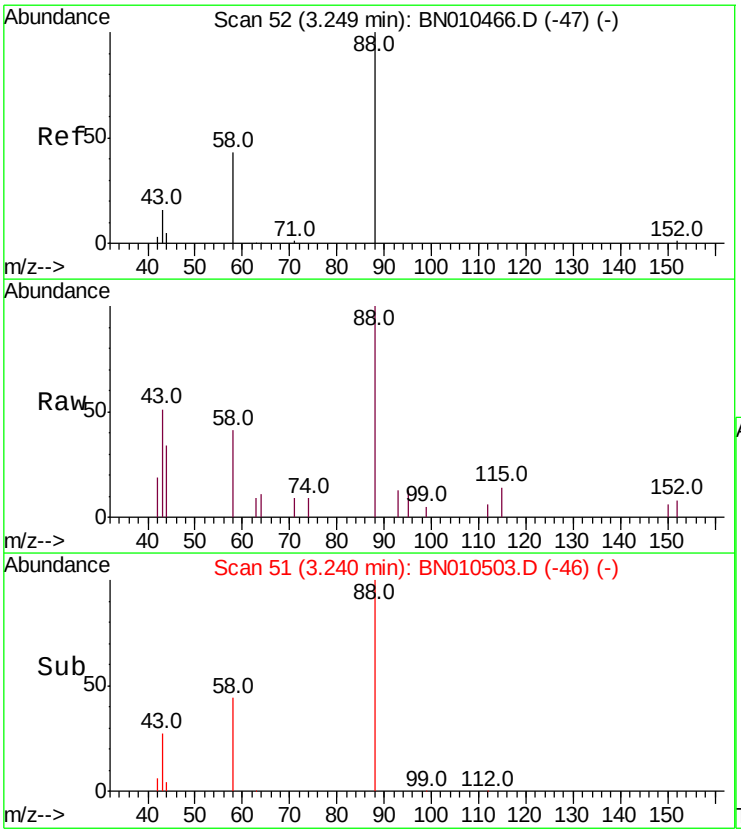
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3865

Ion	Ratio	Lower	Upper
152	100		
150	157.7	121.8	182.6
115	61.6	45.5	68.3

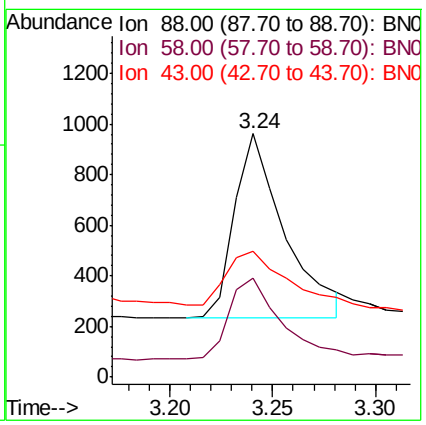


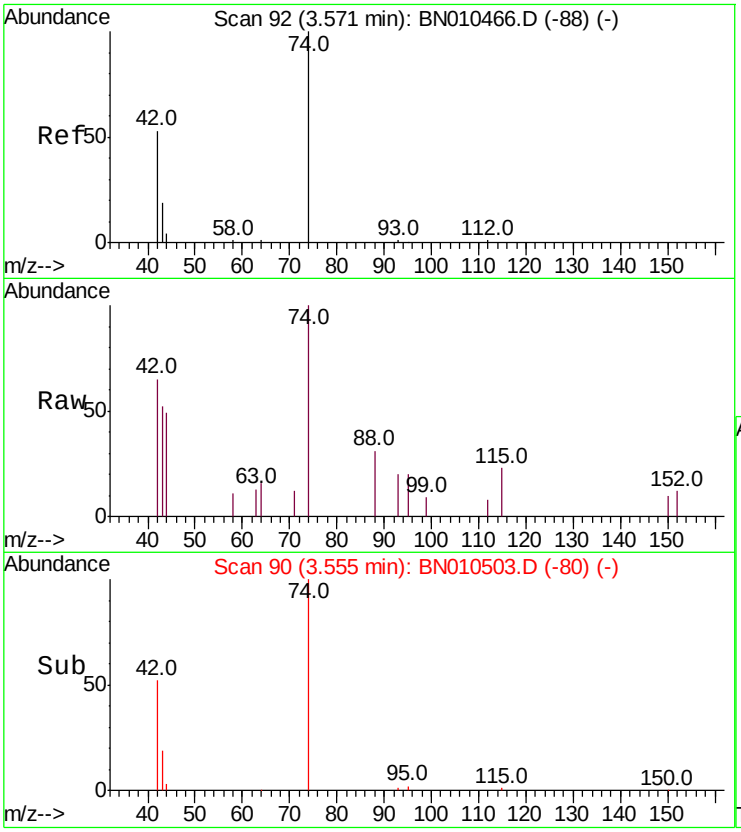


#2
1,4-Dioxane
Concen: 0.431 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion: 88 Resp: 1225

Ion	Ratio	Lower	Upper
88	100		
58	45.3	36.5	54.7
43	34.4	13.2	19.8#



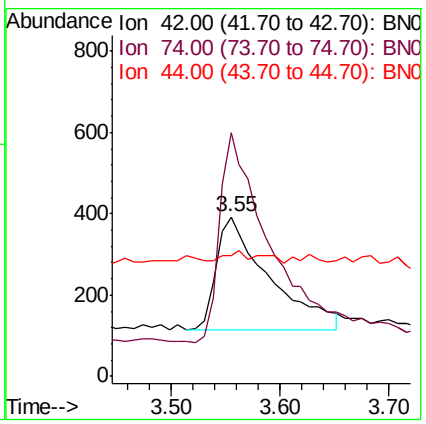


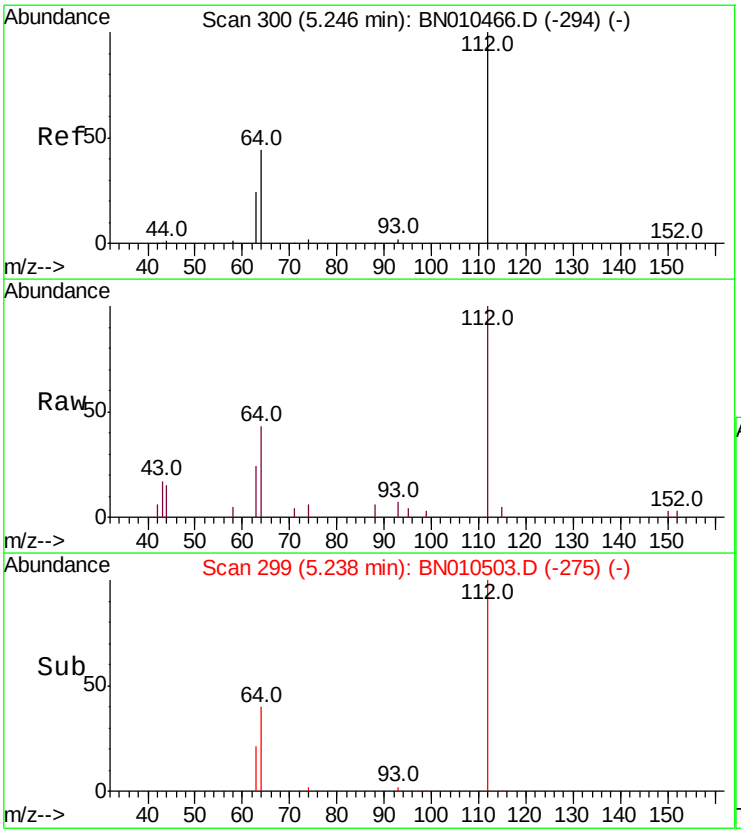
#3
n-Nitrosodimethylamine
Concen: 0.505 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 931

Ion	Ratio	Lower	Upper
42	100		
74	174.7	162.2	243.4
44	6.6	2.4	3.6#

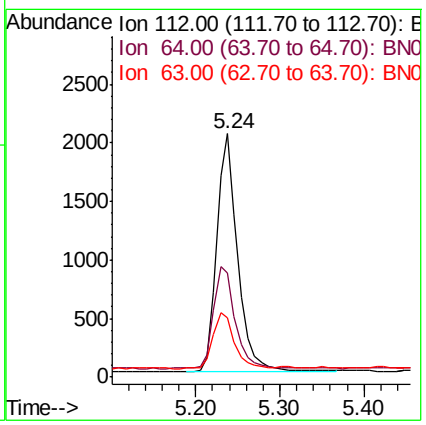




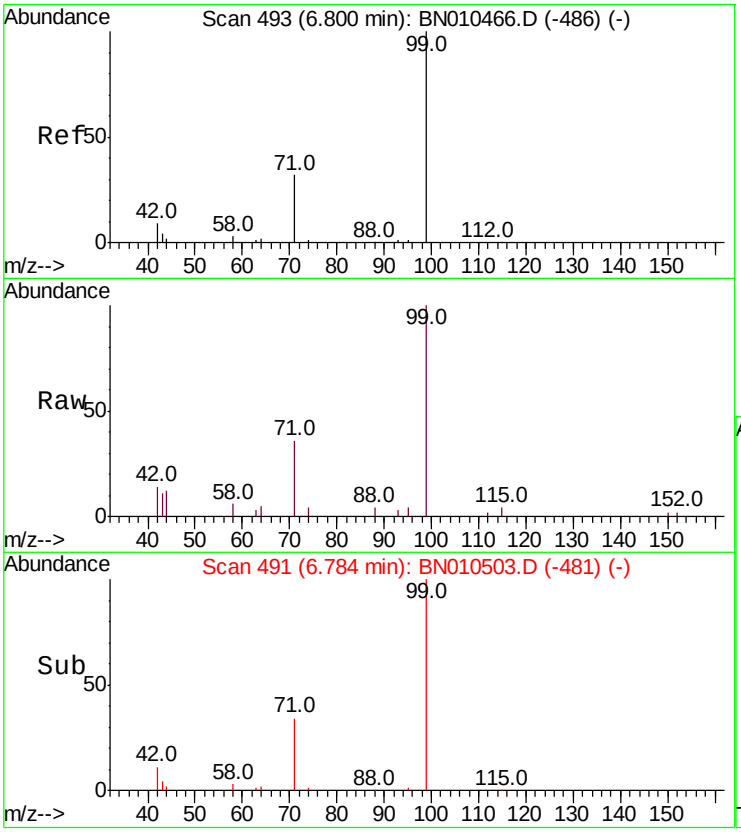
#4
2-Fluorophenol
Concen: 0.408 ng
RT: 5.24 min Scan# 299
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:112 Resp: 3451

Ion	Ratio	Lower	Upper
112	100		
64	44.0	35.8	53.8
63	24.2	19.9	29.9



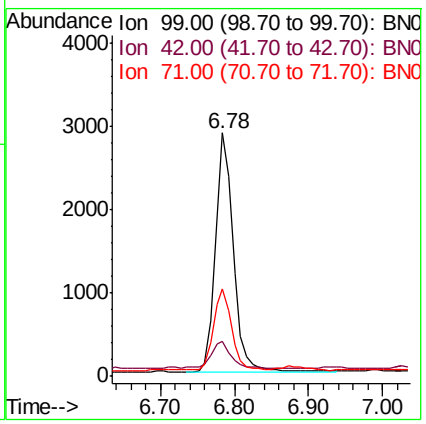
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

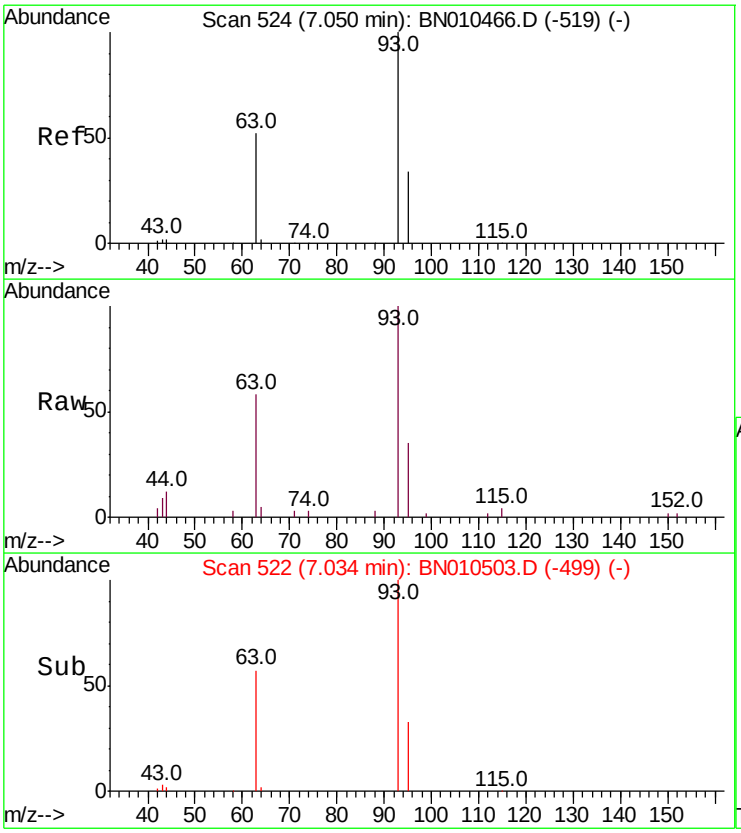


#5
Phenol-d6
Concen: 0.435 ng
RT: 6.78 min Scan# 491
Delta R.T. -0.02 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion: 99 Resp: 4809

Ion	Ratio	Lower	Upper
99	100		
42	12.5	9.8	14.6
71	33.5	27.8	41.8

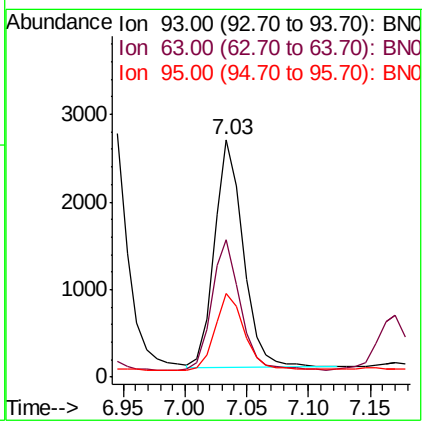


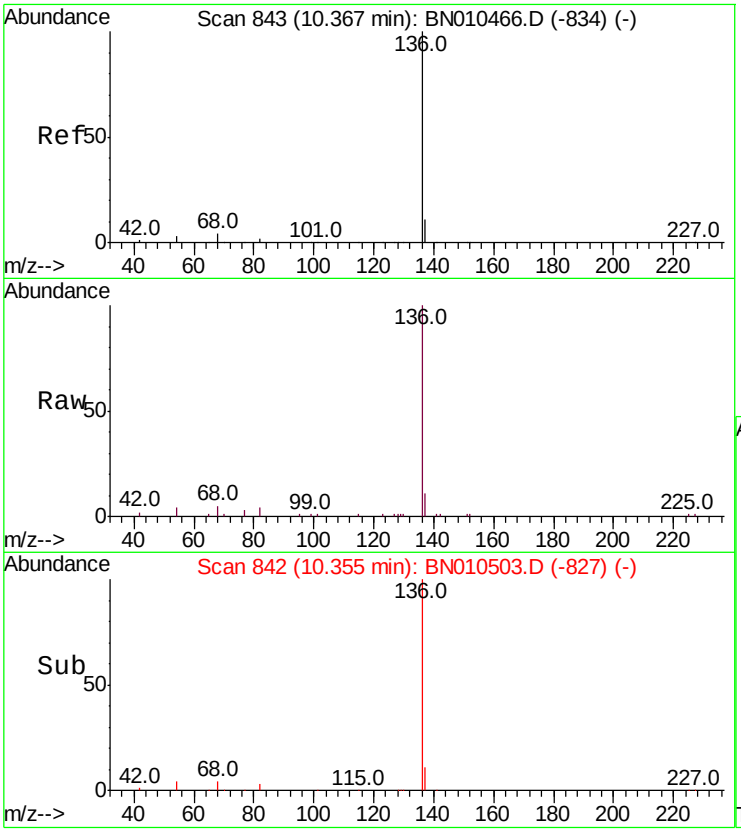


#6
bis(2-Chloroethyl)ether
Concen: 0.441 ng
RT: 7.03 min Scan# 522
Delta R.T. -0.02 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion: 93 Resp: 4226

Ion	Ratio	Lower	Upper
93	100		
63	56.9	44.6	66.8
95	34.6	26.5	39.7



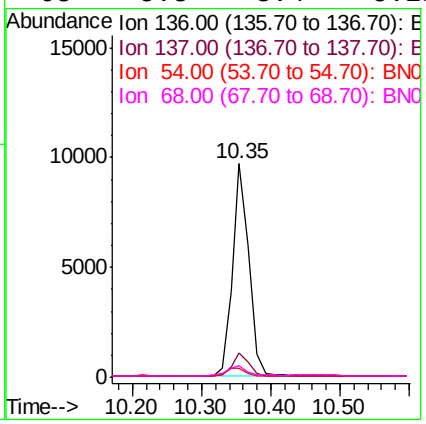


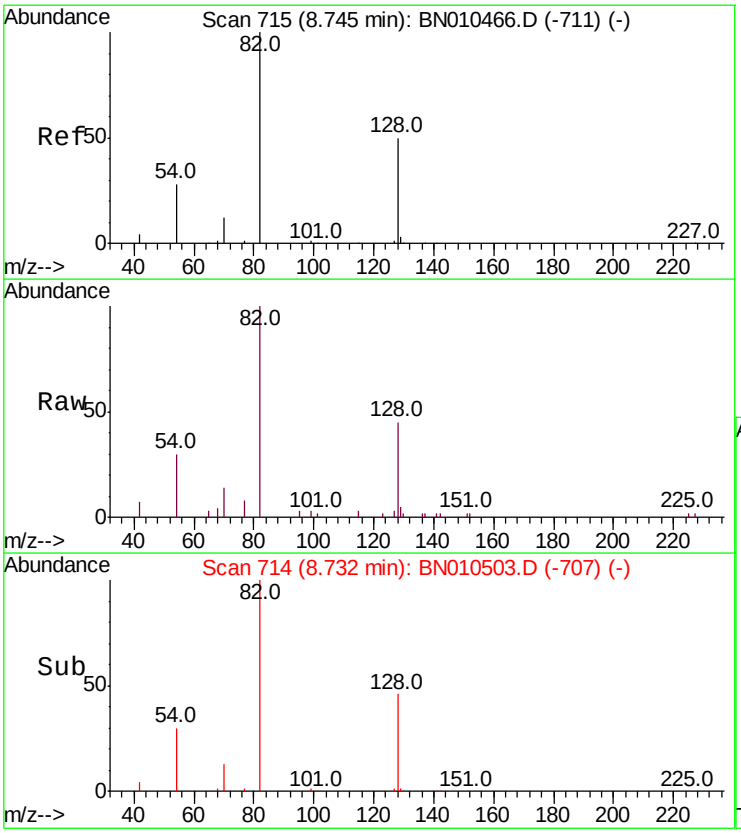
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 16164

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	4.3	2.6	4.0#
68	5.3	3.4	5.2#

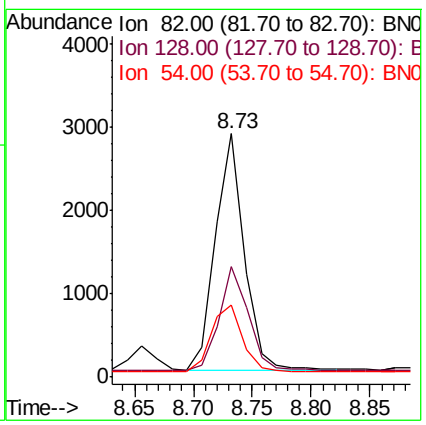


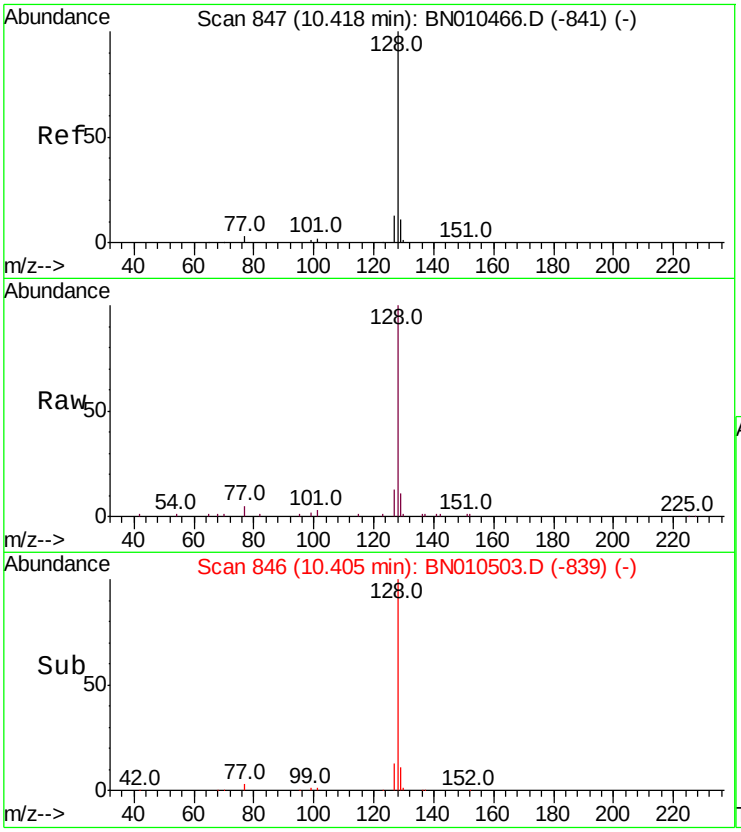


#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion: 82 Resp: 4799

Ion	Ratio	Lower	Upper
82	100		
128	45.5	41.3	61.9
54	29.6	23.4	35.0



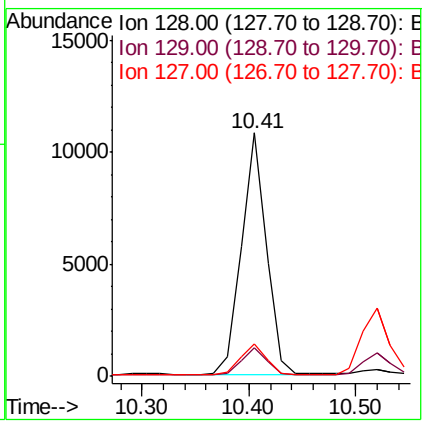


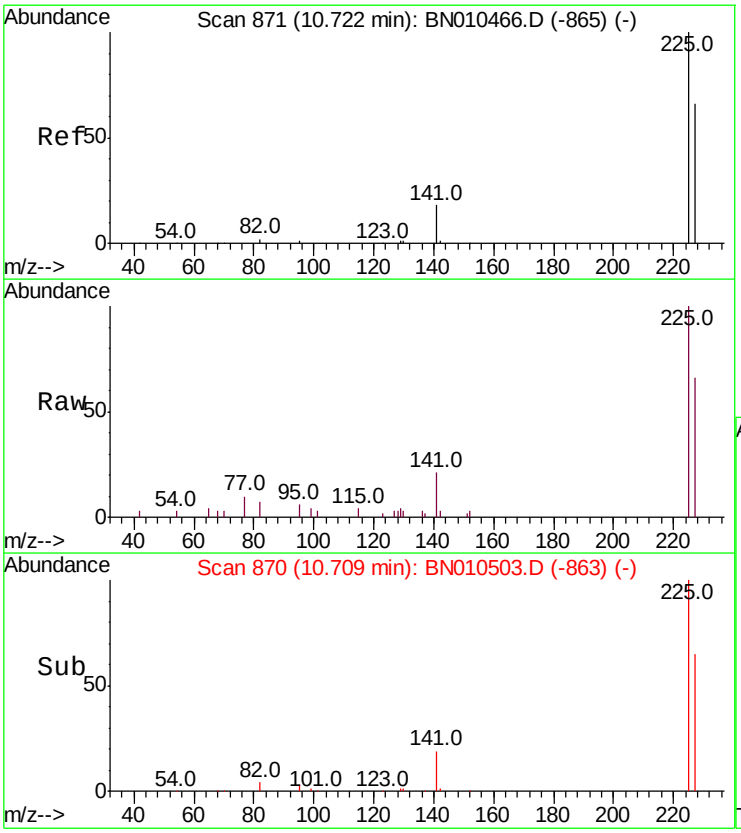
#9
Naphthalene
Concen: 0.435 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17474

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.3	10.5	15.7

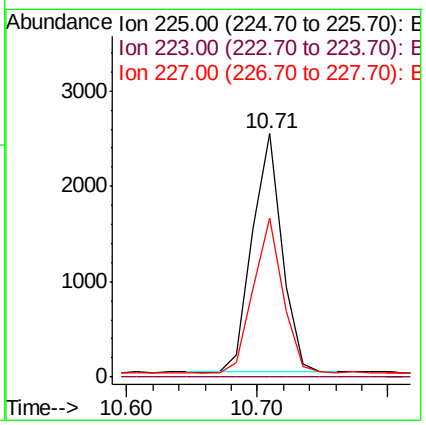


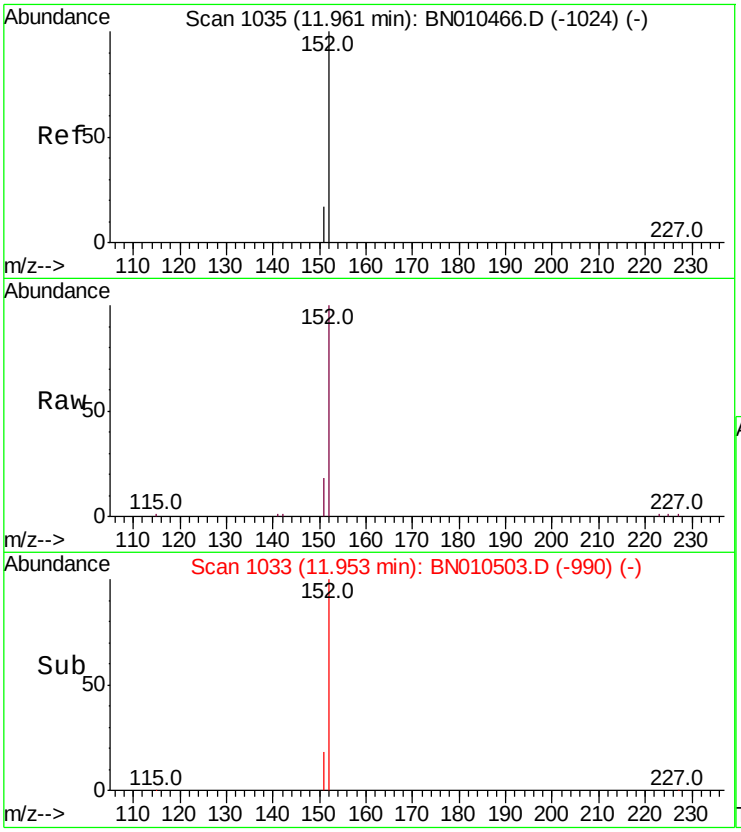


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:225 Resp: 3929

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	50.6	76.0



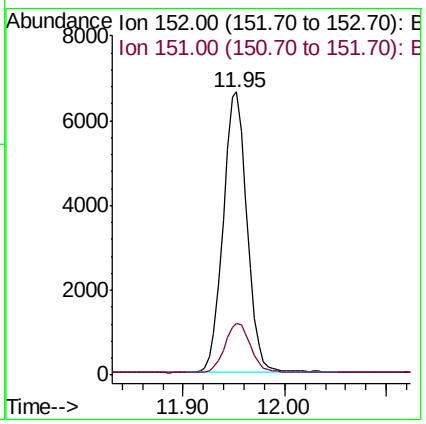


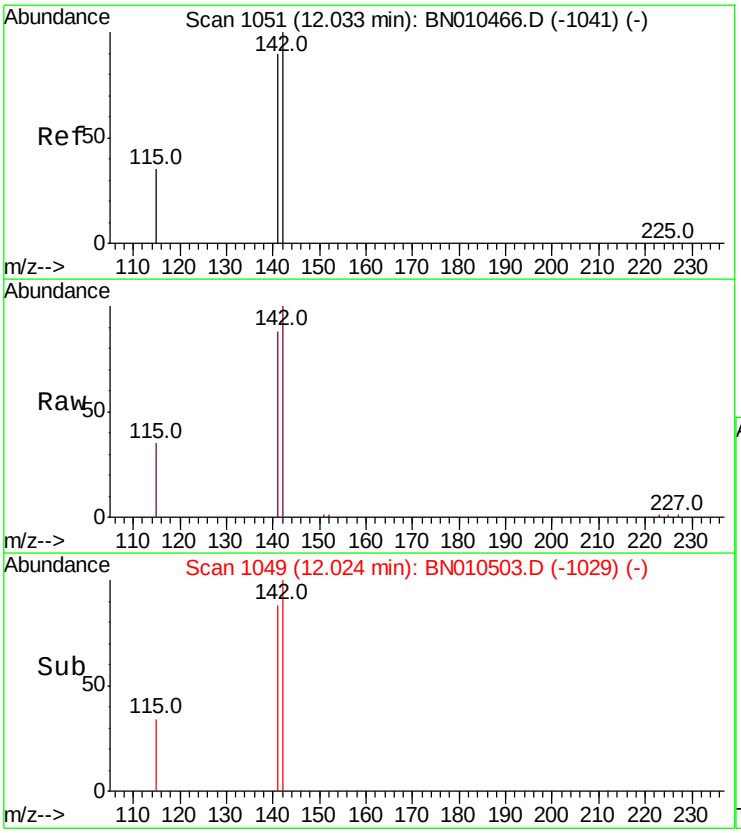
#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 11.95 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 10847

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9

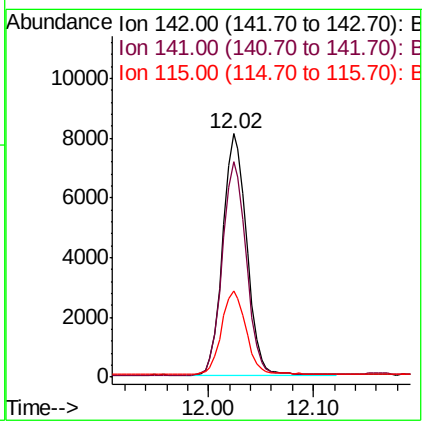


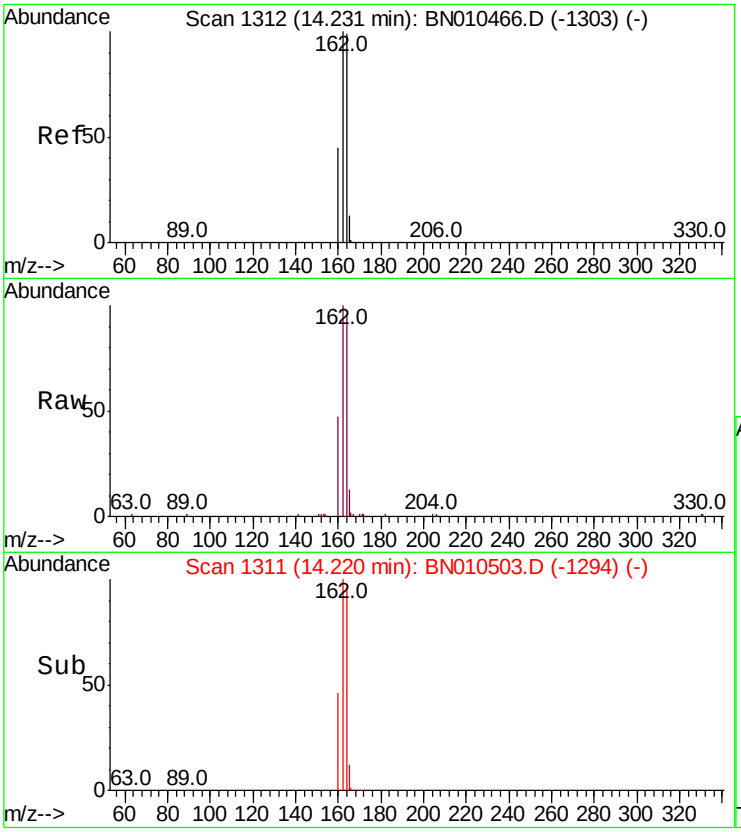


#12
2-Methylnaphthalene
Concen: 0.443 ng
RT: 12.02 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:142 Resp: 12786

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.9	107.9
115	35.2	28.8	43.2



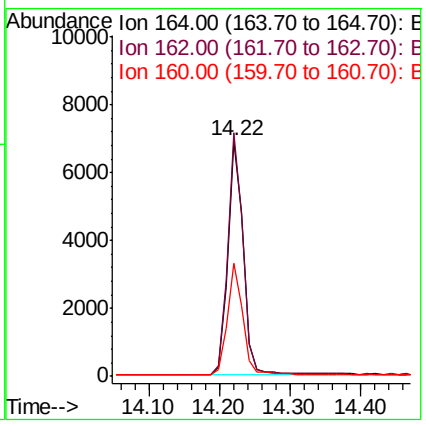


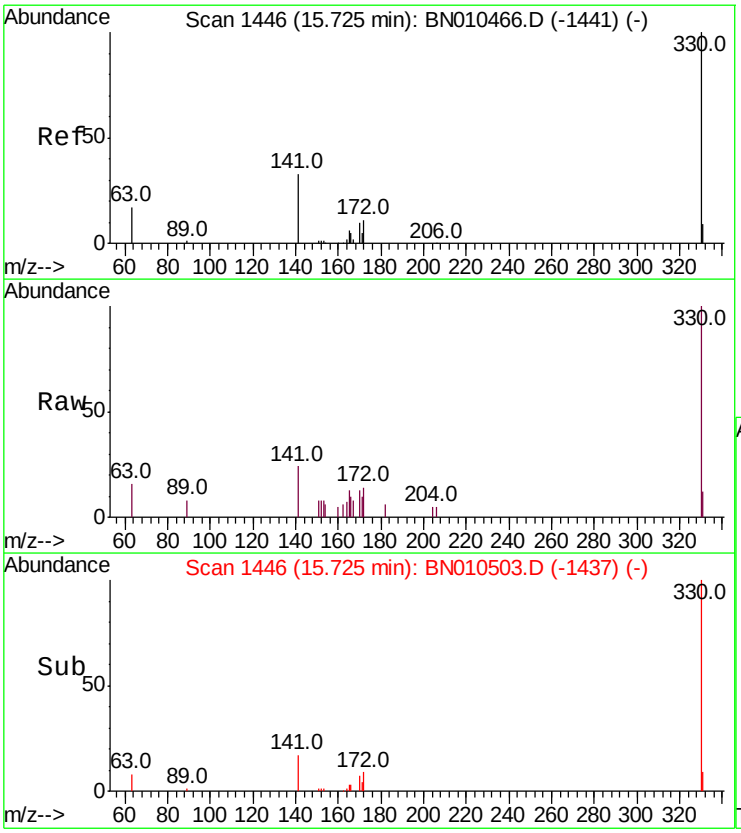
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 10614

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.6	121.0
160	48.3	36.5	54.7

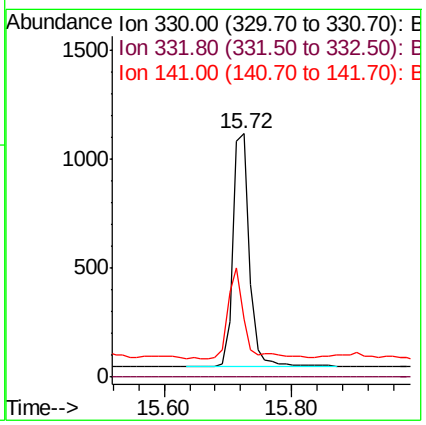


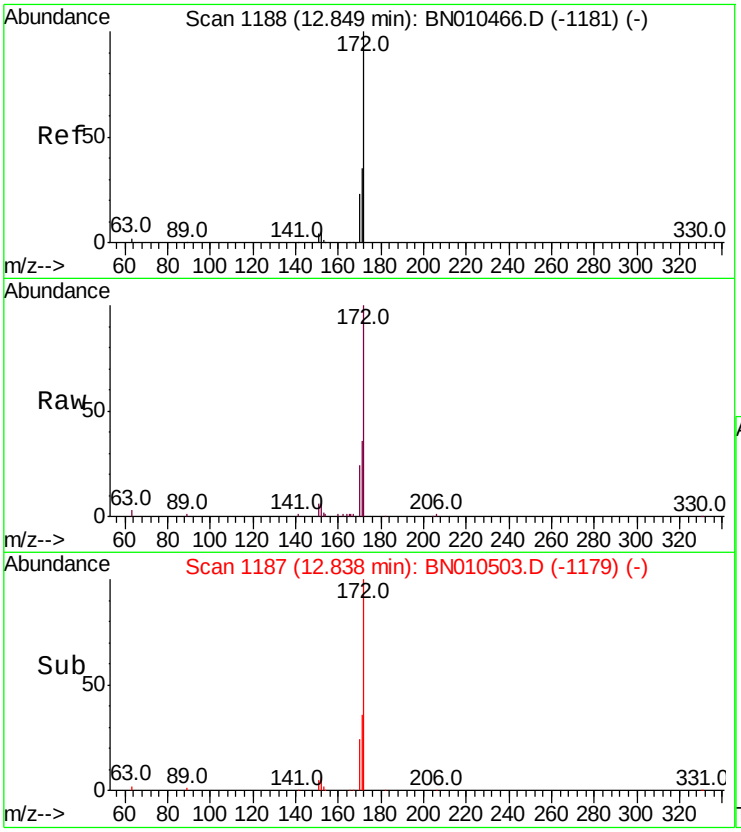


#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.72 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:330 Resp: 1958

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.1	28.1	42.1



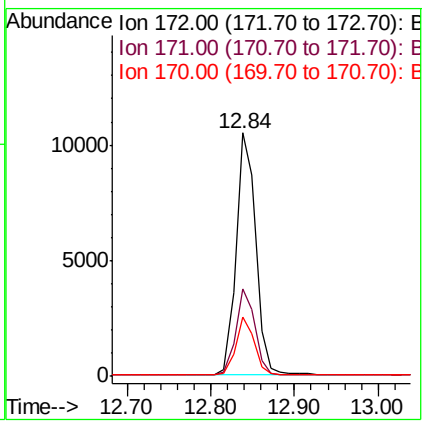


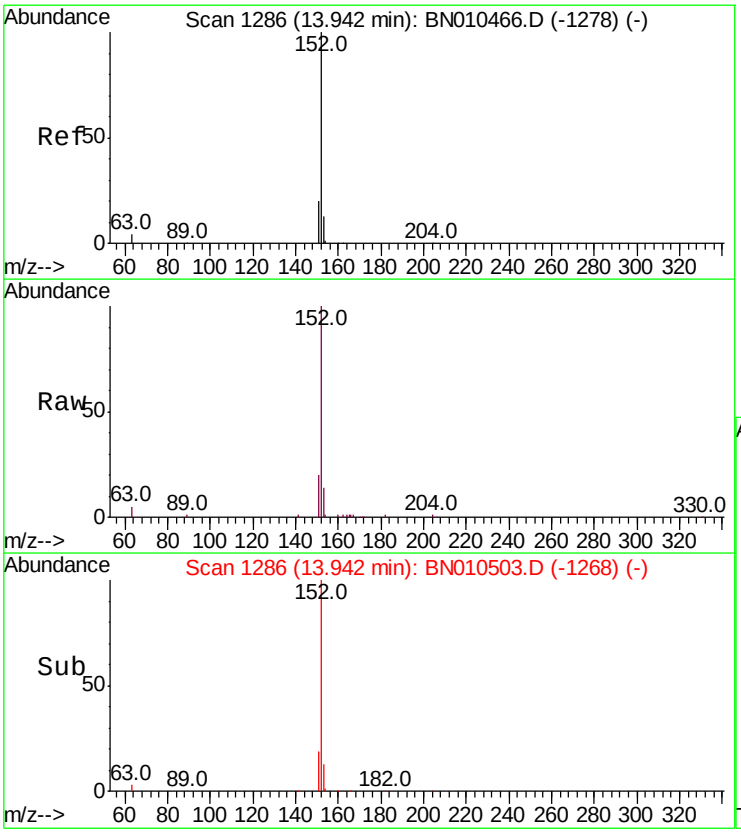
#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 12.84 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 17174

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.2
170	24.1	18.4	27.6

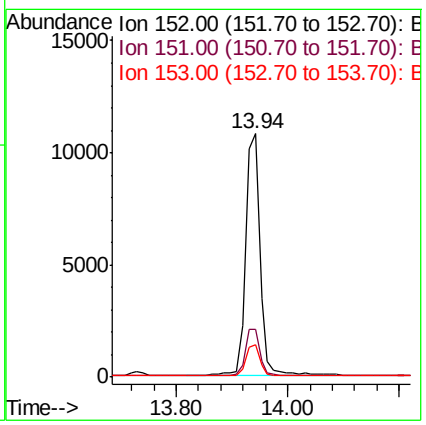


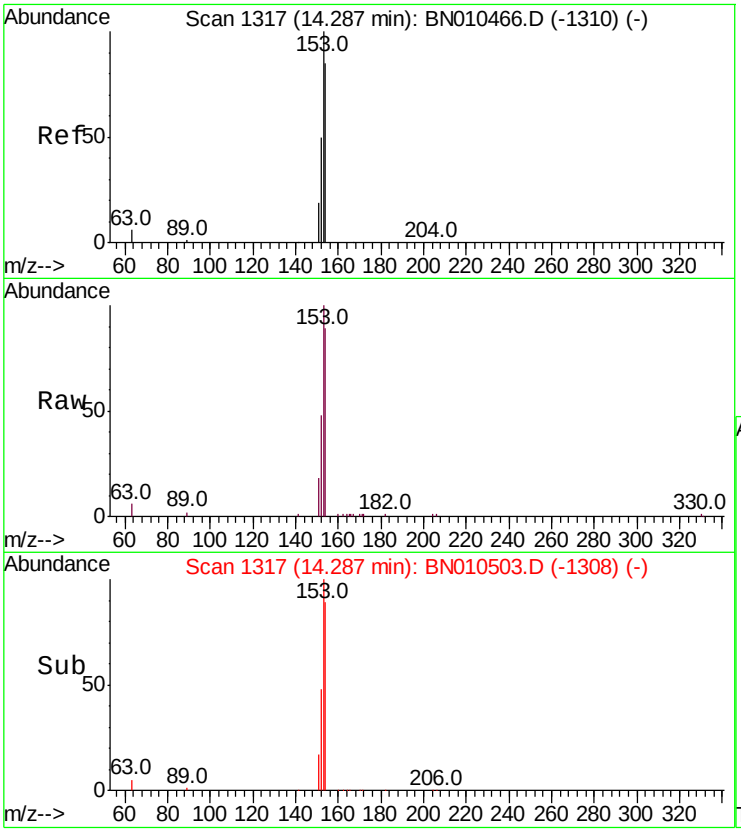


#16
Acenaphthylene
Concen: 0.419 ng
RT: 13.94 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:152 Resp: 19221

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.6	15.8



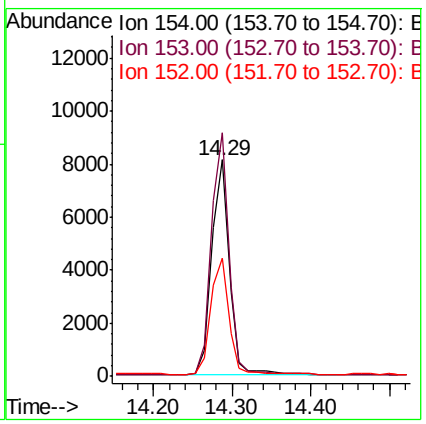


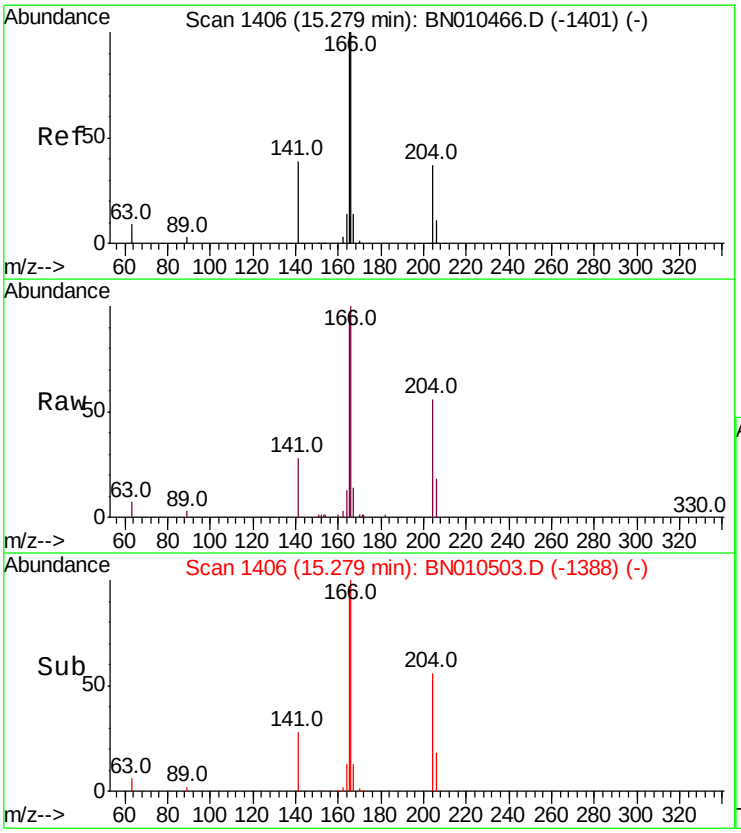
#17
Acenaphthene
Concen: 0.426 ng
RT: 14.29 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 12547

Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.0	136.4
152	55.1	44.6	67.0

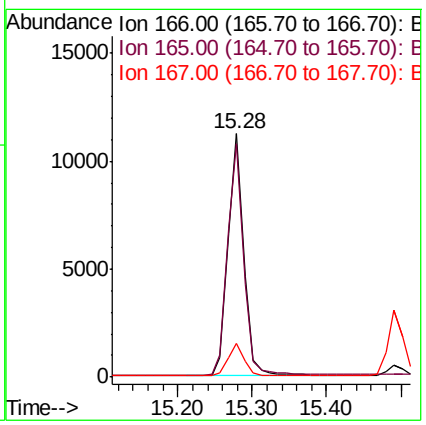


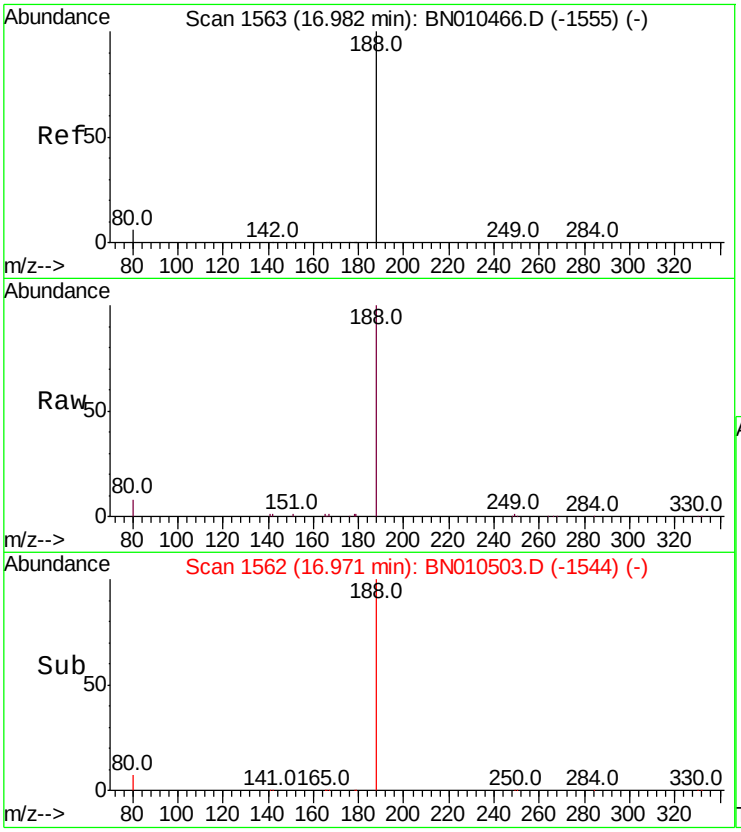


#18
Fluorene
Concen: 0.429 ng
RT: 15.28 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:166 Resp: 16551

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	13.6	10.9	16.3



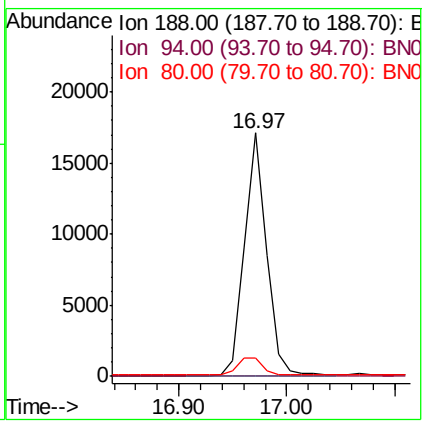


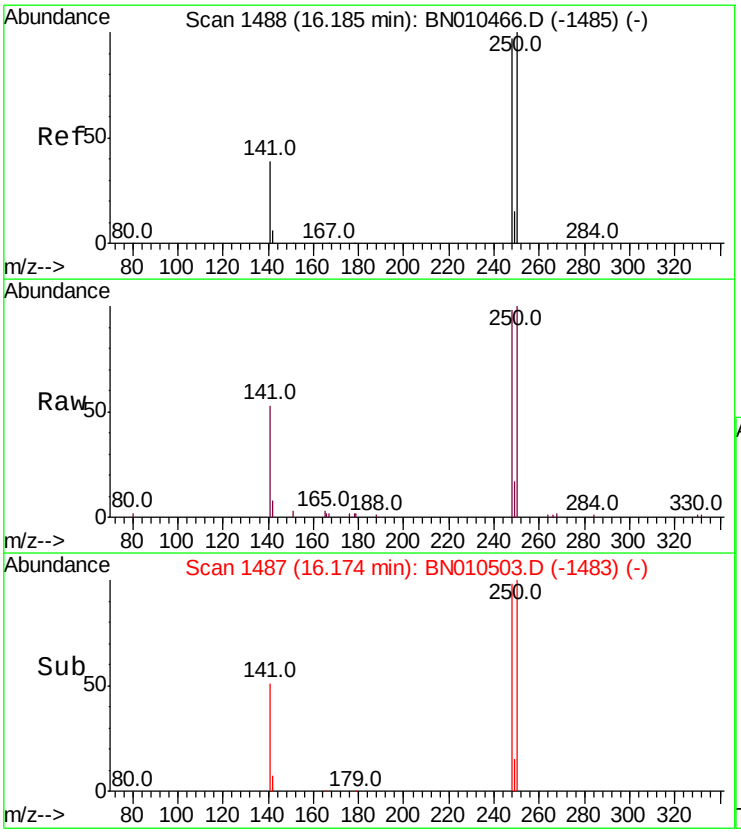
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 24189

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	5.0	7.6#

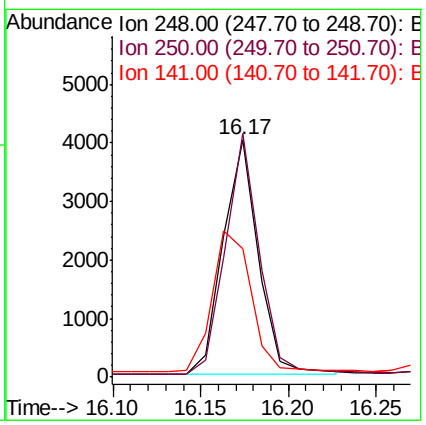


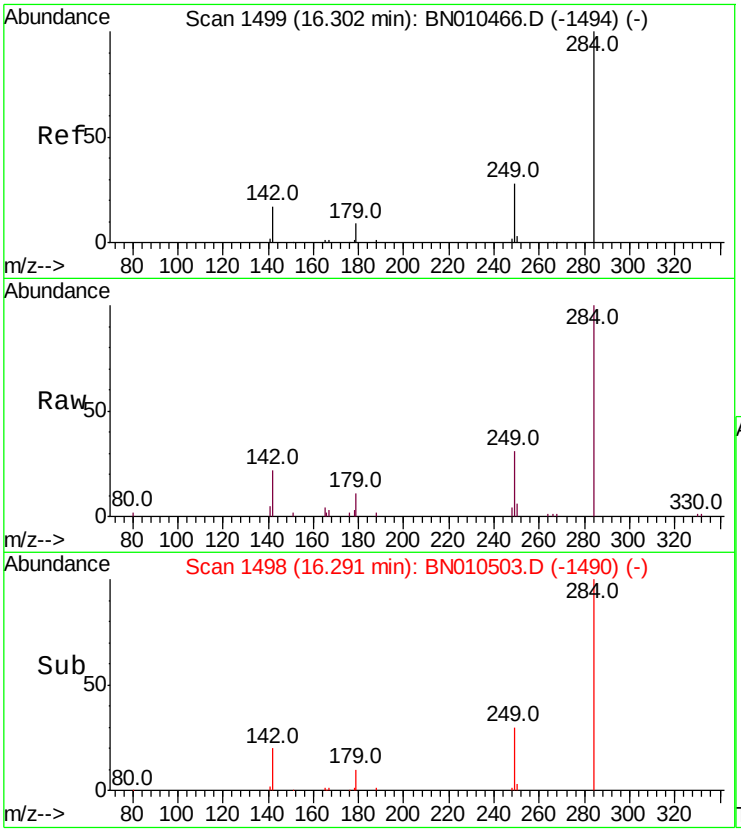


#20
4-Bromophenyl-phenylether
Concen: 0.409 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:248 Resp: 5496

Ion	Ratio	Lower	Upper
248	100		
250	102.5	82.3	123.5
141	54.1	35.2	52.8#



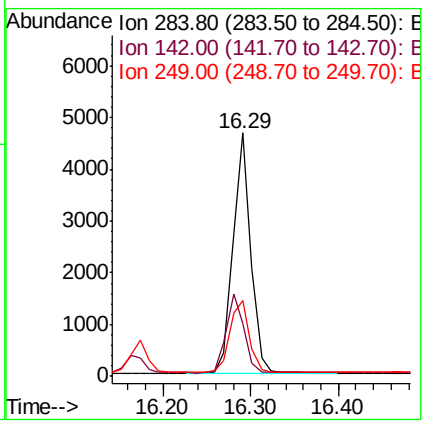


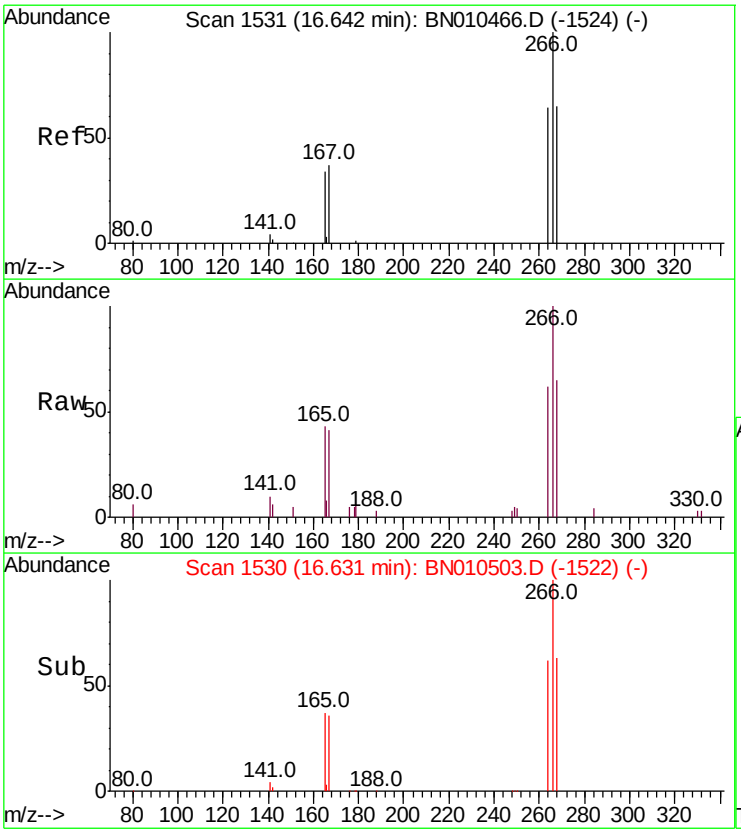
#21
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.29 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 6497

Ion	Ratio	Lower	Upper
284	100		
142	32.7	25.5	38.3
249	32.2	25.8	38.6

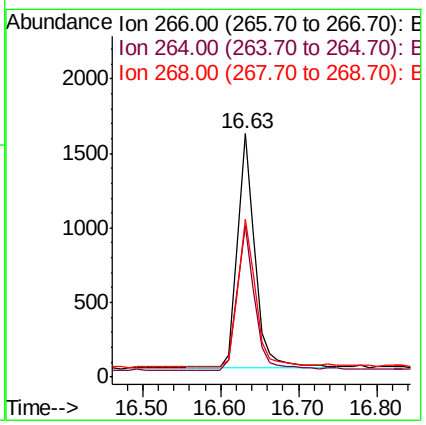


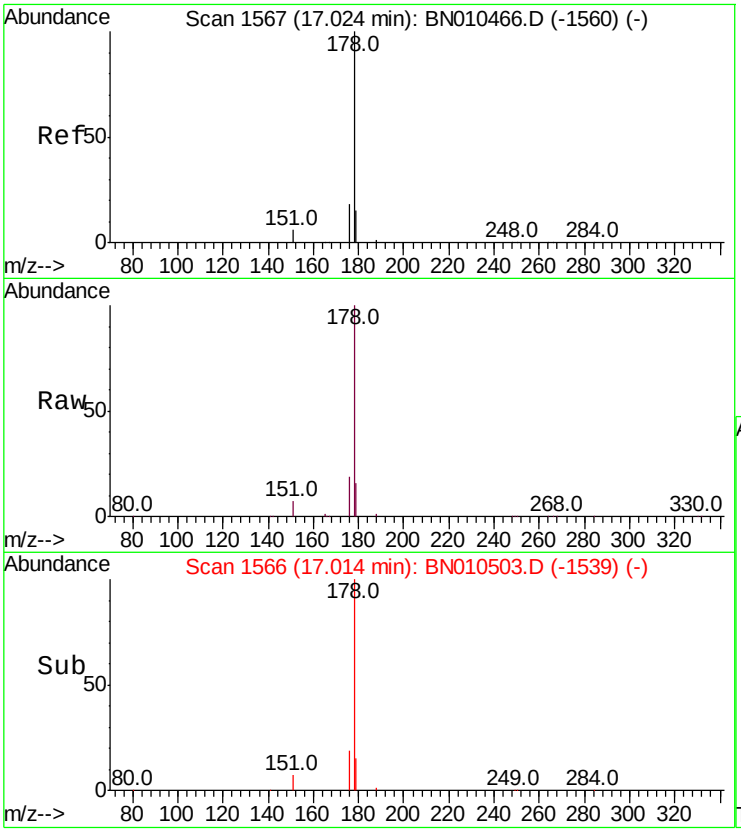


#22
Pentachlorophenol
Concen: 0.414 ng
RT: 16.63 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:266 Resp: 2496

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.8	77.6
268	65.0	53.7	80.5



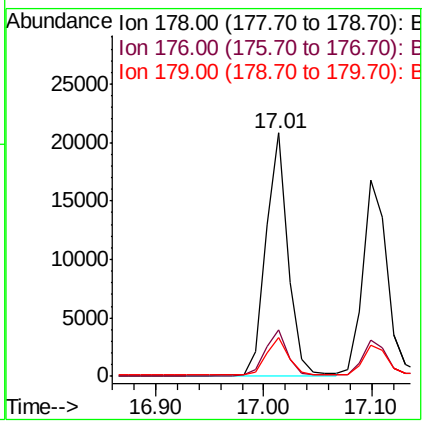


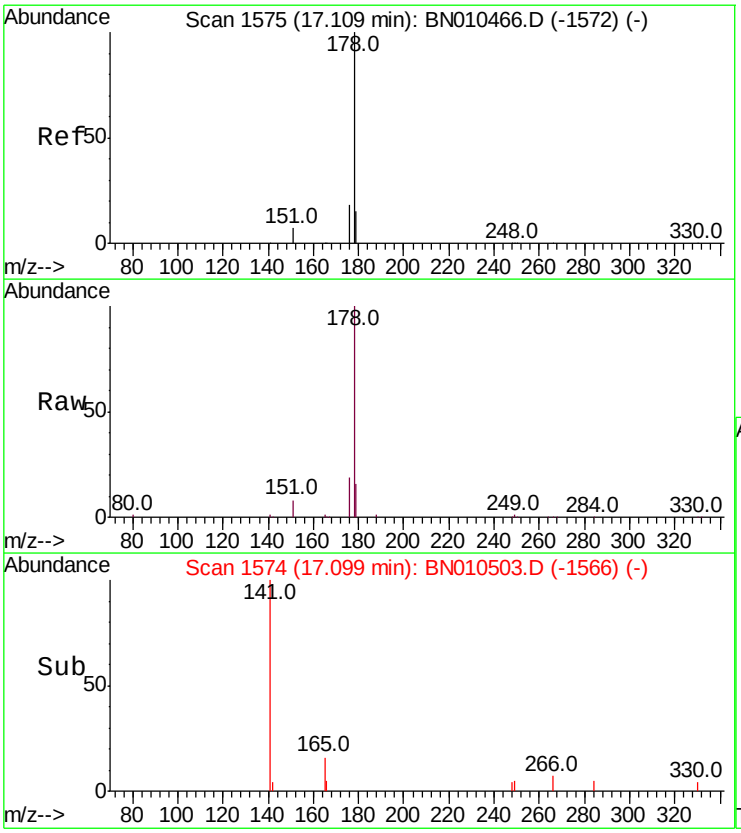
#23
Phenanthrene
Concen: 0.446 ng
RT: 17.01 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 29167

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.8	12.6	18.8

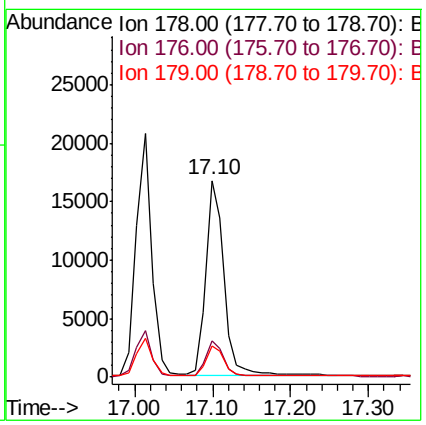


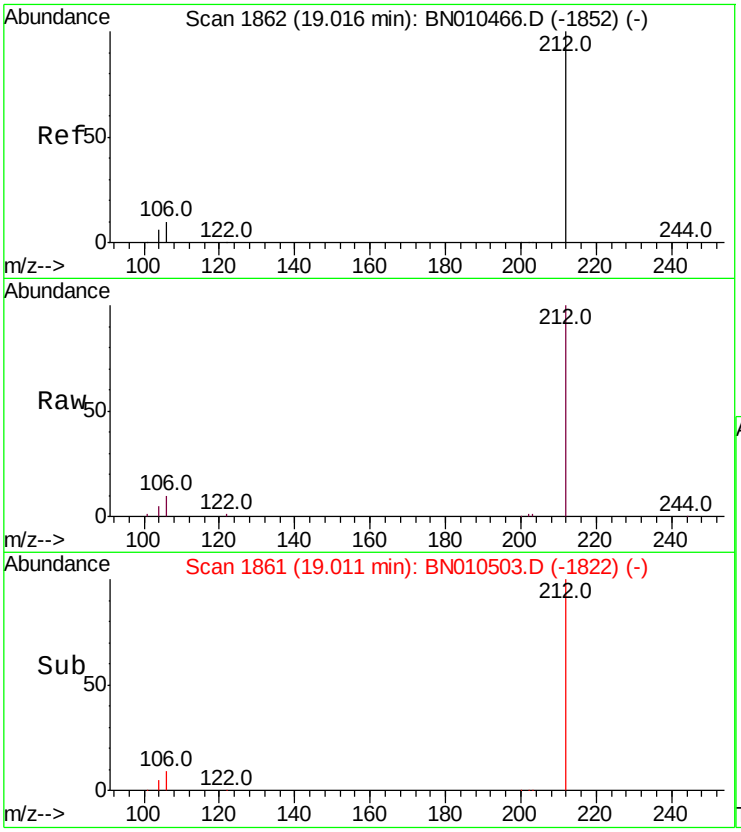


#24
Anthracene
Concen: 0.447 ng
RT: 17.10 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:178 Resp: 26668

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.2	12.2	18.2



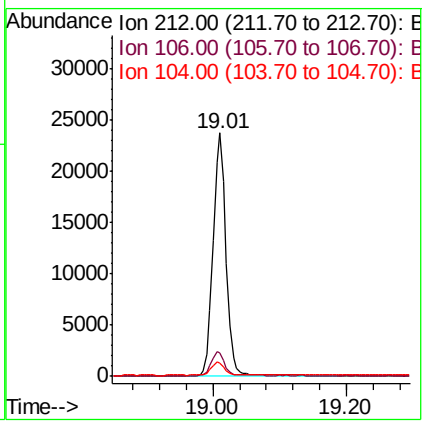


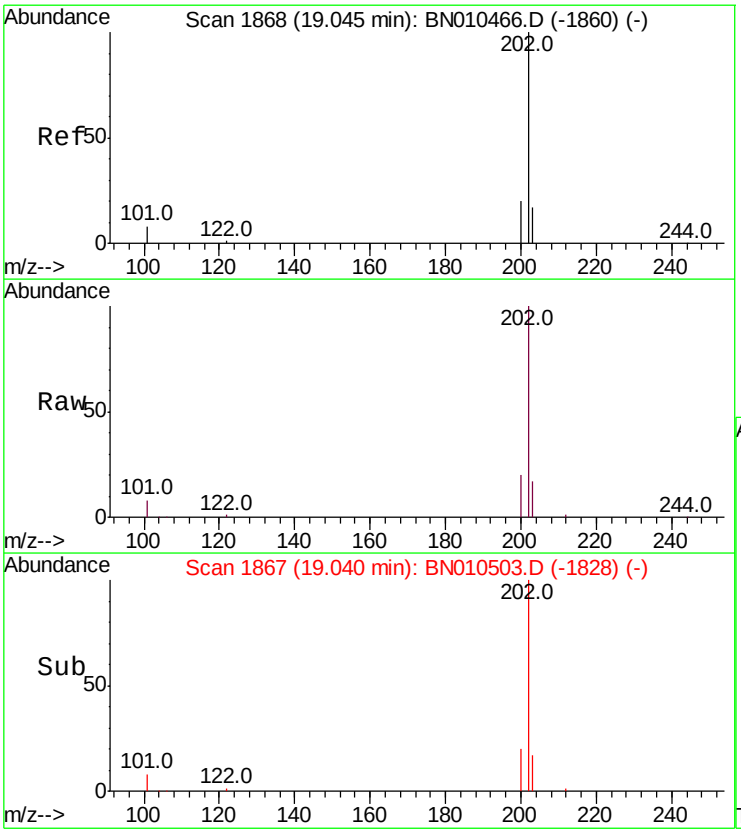
#25
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.01 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 31786

Ion	Ratio	Lower	Upper
212	100		
106	10.1	7.8	11.6
104	5.6	4.5	6.7

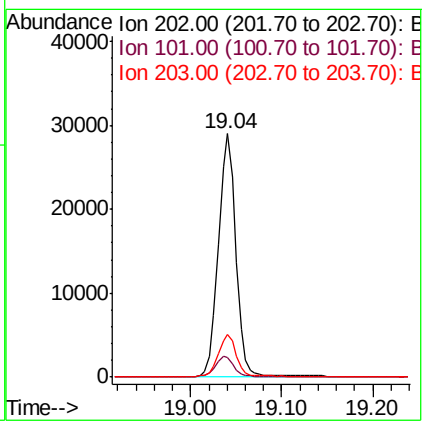


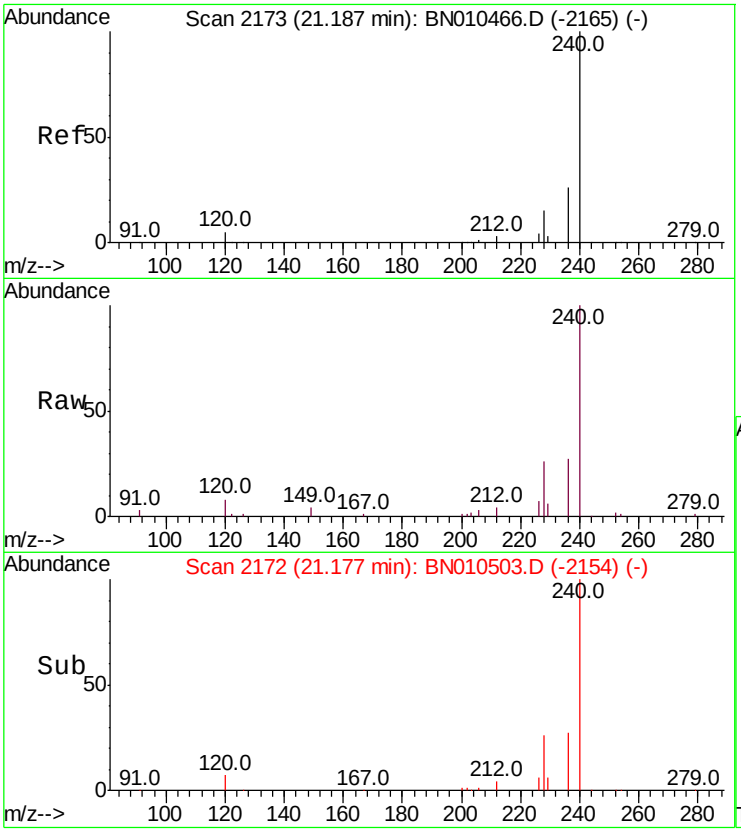


#26
Fluoranthene
Concen: 0.467 ng
RT: 19.04 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:202 Resp: 38010

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
203	17.1	13.9	20.9



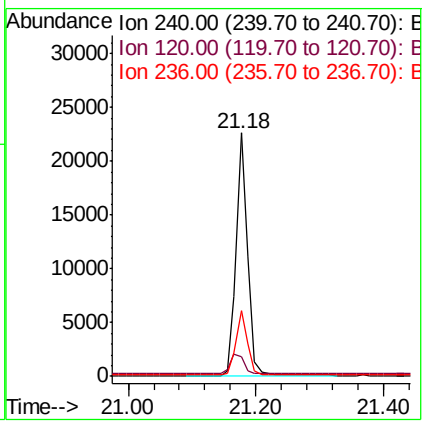


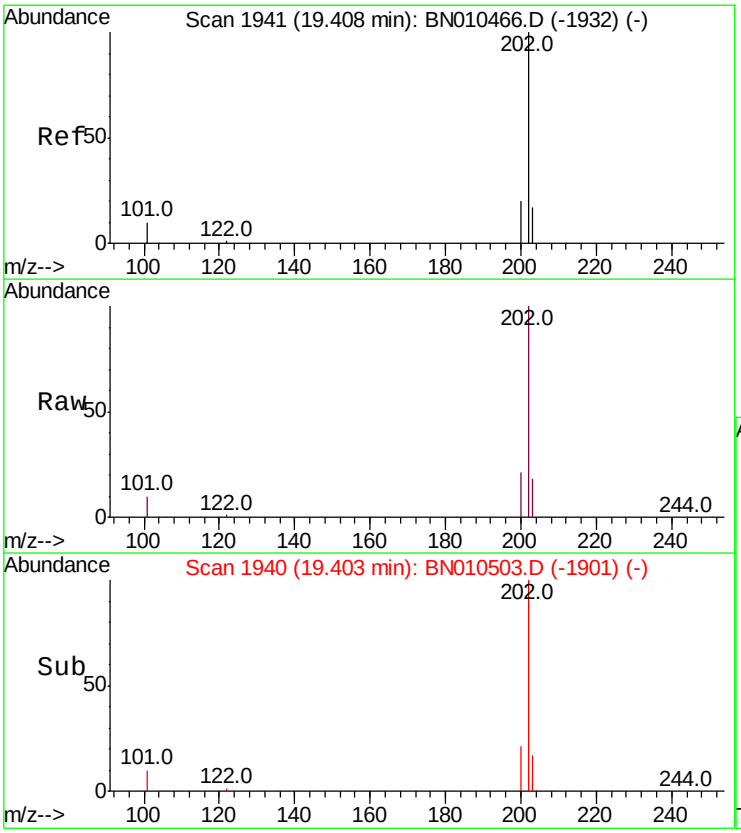
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 27926

Ion	Ratio	Lower	Upper
240	100		
120	8.3	4.8	7.2#
236	27.0	21.4	32.0

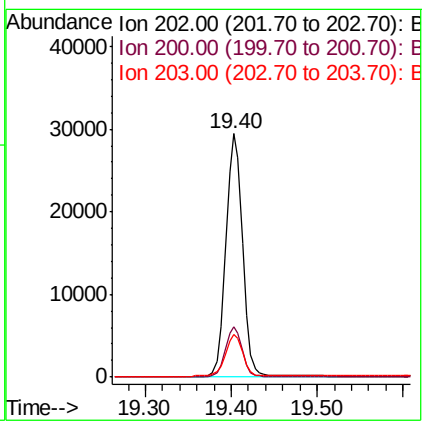


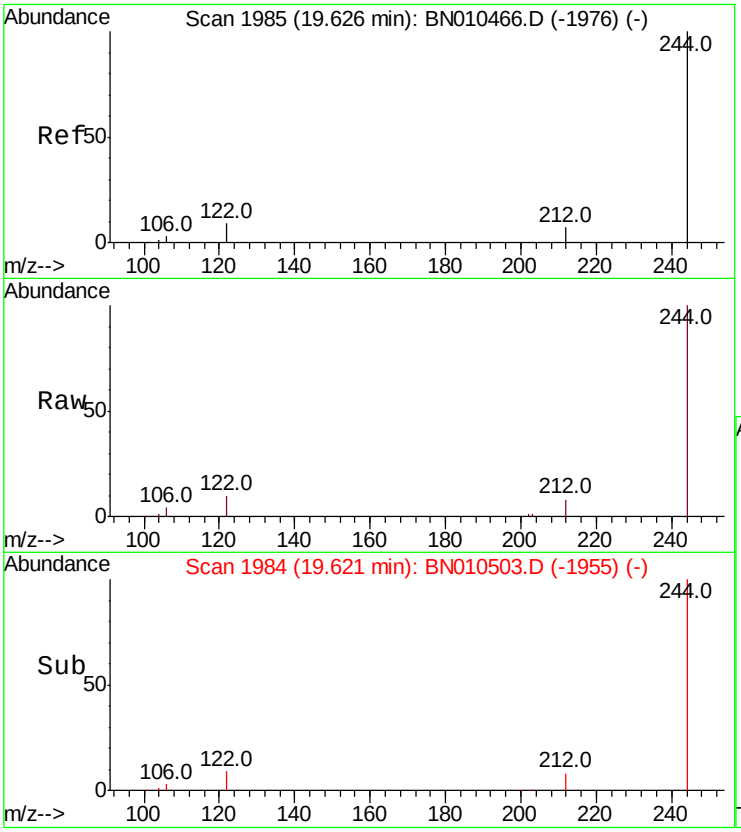


#28
Pyrene
Concen: 0.421 ng
RT: 19.40 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:202 Resp: 39537

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.9	14.0	21.0



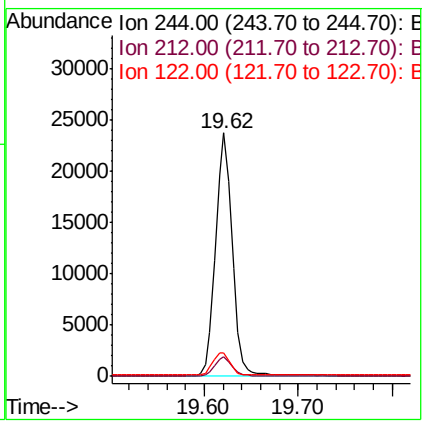


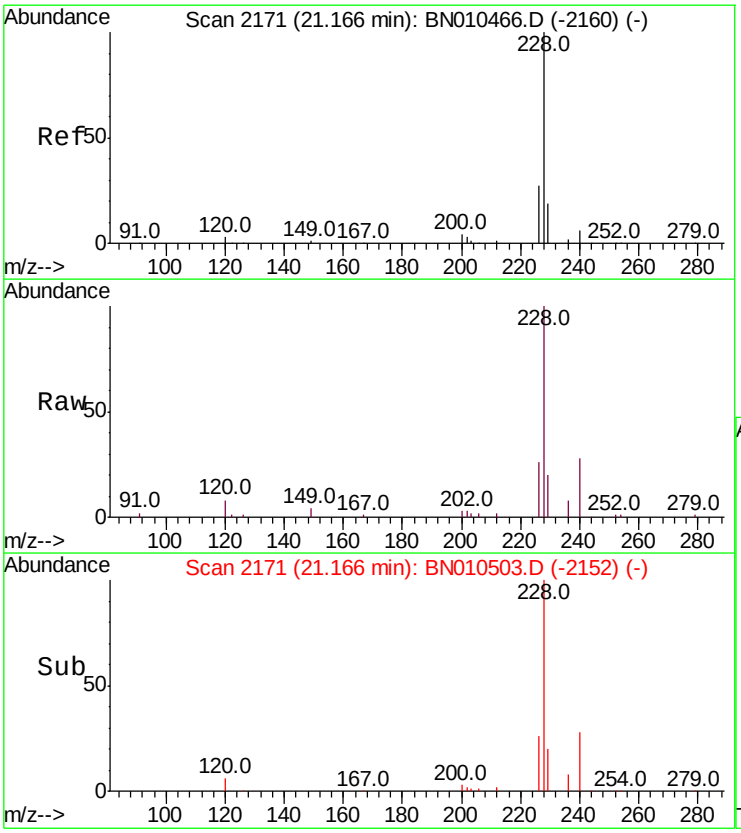
#29
Terphenyl-d14
Concen: 0.455 ng
RT: 19.62 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 29106

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.4
122	9.6	7.8	11.8

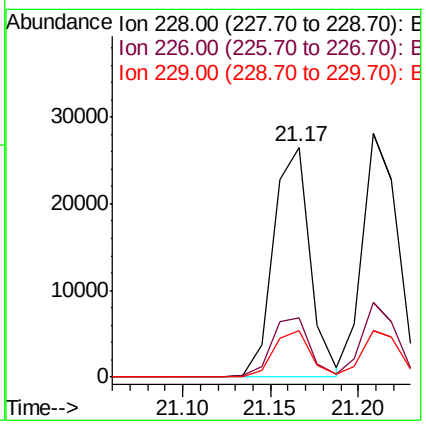


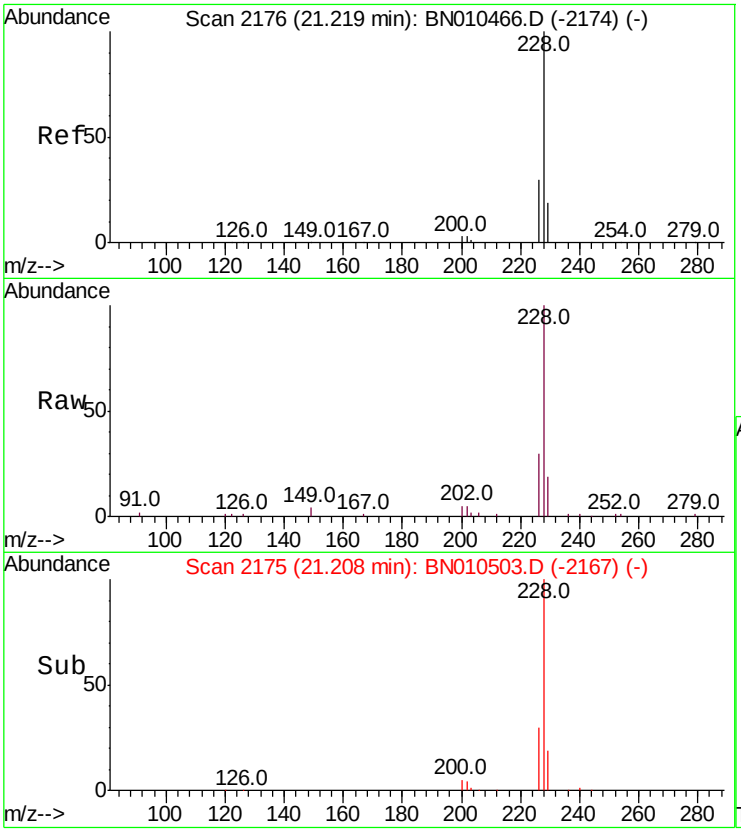


#30
Benzo(a)anthracene
Concen: 0.419 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:228 Resp: 38134

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.7	32.5
229	20.0	15.6	23.4



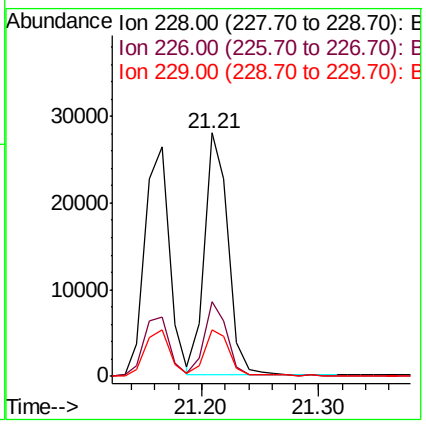


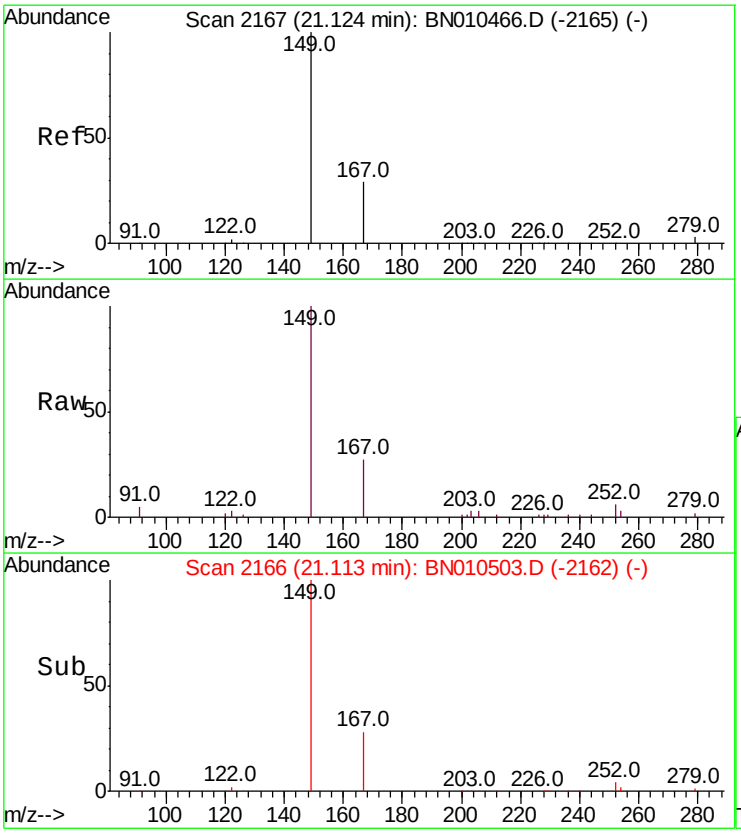
#31
Chrysene
Concen: 0.431 ng
RT: 21.21 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 39151

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.2	15.8	23.6

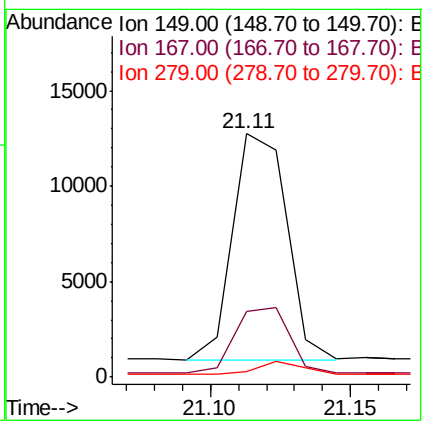


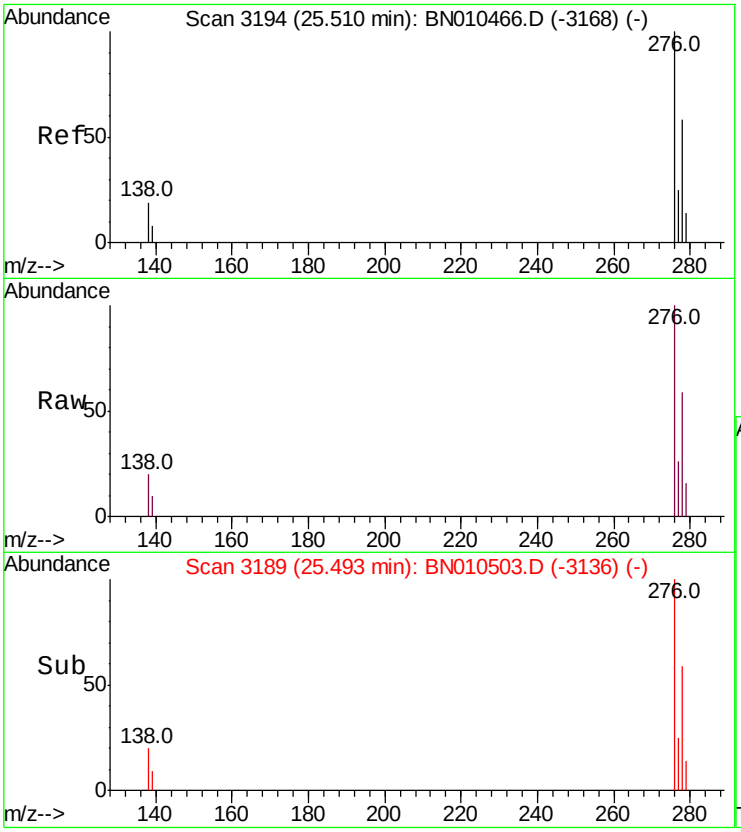


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.342 ng
RT: 21.11 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:149 Resp: 16006

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.4	35.0
279	5.0	4.0	6.0



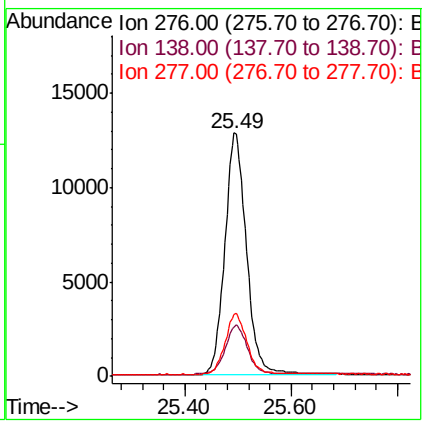


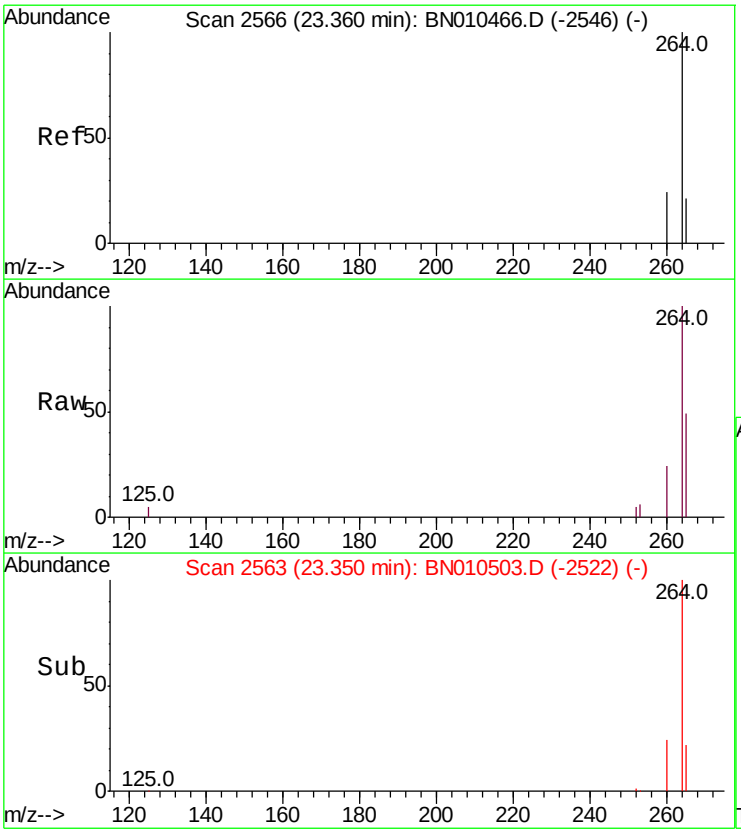
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.455 ng
RT: 25.49 min Scan# 3189
Delta R.T. -0.02 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 36529

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.4	24.6
277	25.2	19.8	29.6

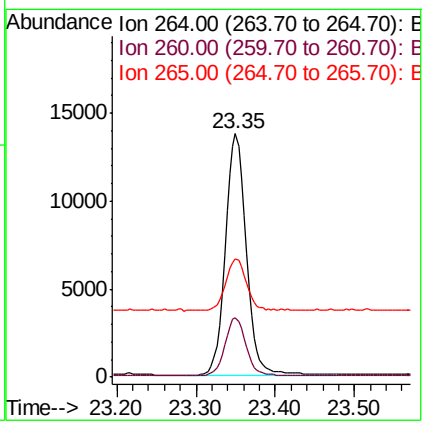


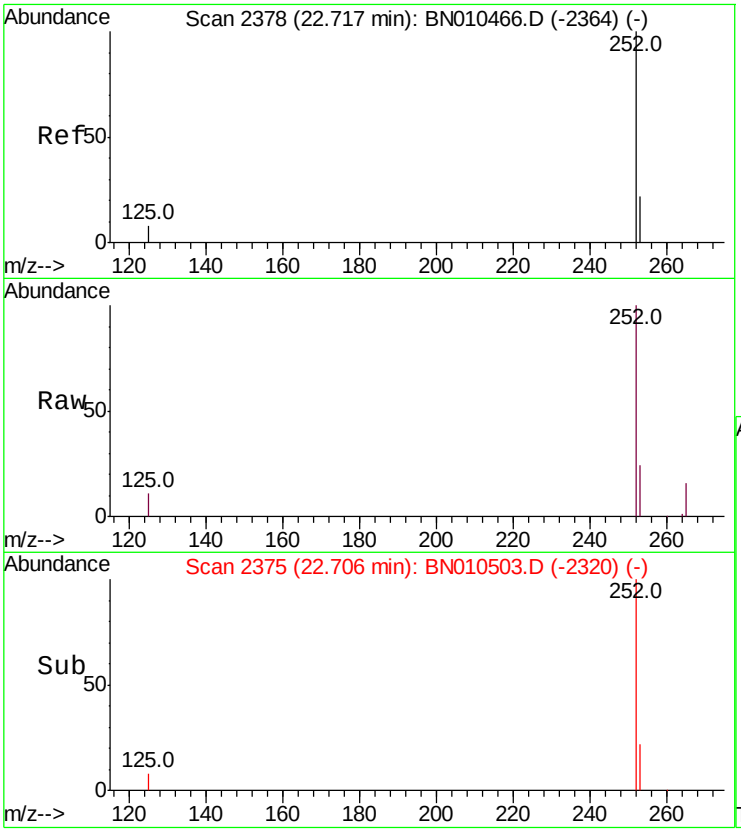


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:264 Resp: 25105

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	48.7	42.3	63.5



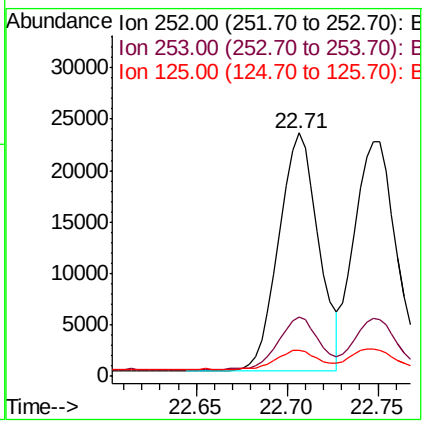


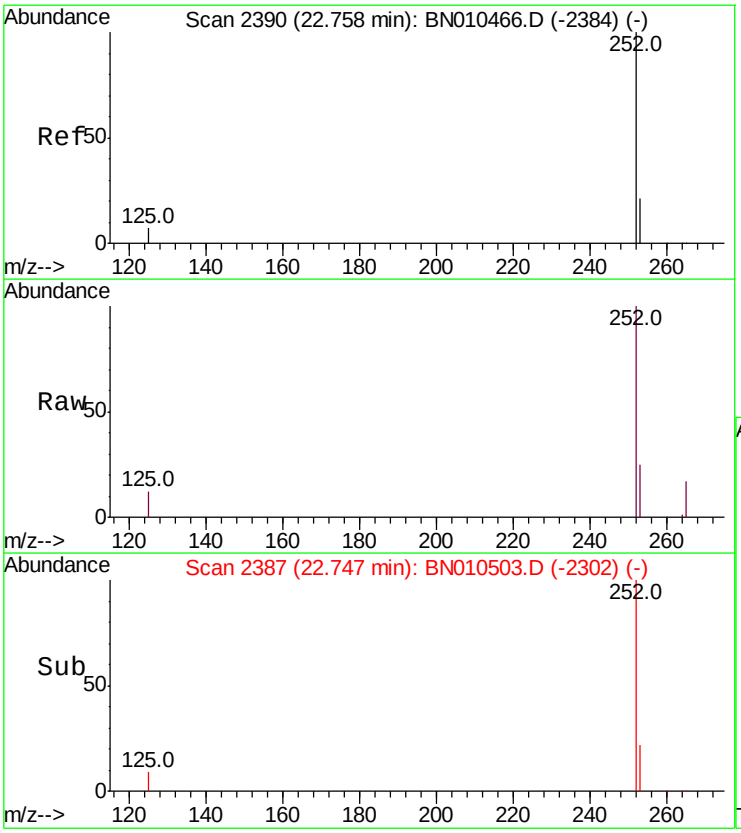
#35
Benzo(b)fluoranthene
Concen: 0.427 ng
RT: 22.71 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 35331

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.2	30.4
125	10.7	9.2	13.8

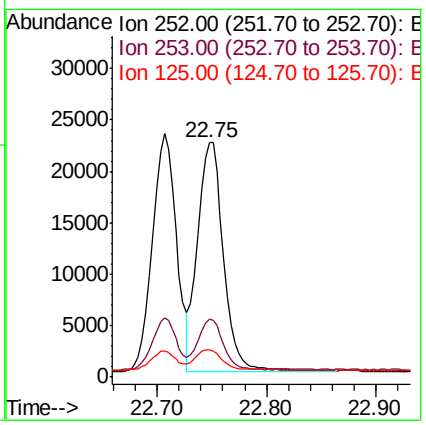


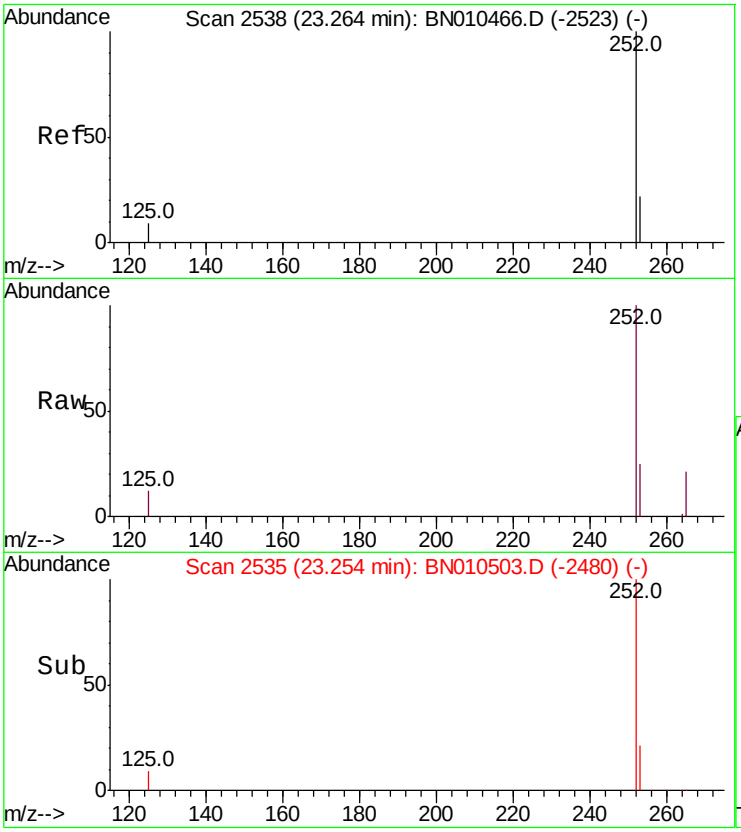


#36
Benzo(k)fluoranthene
Concen: 0.444 ng
RT: 22.75 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:252 Resp: 36806

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.1	30.1
125	11.8	9.6	14.4



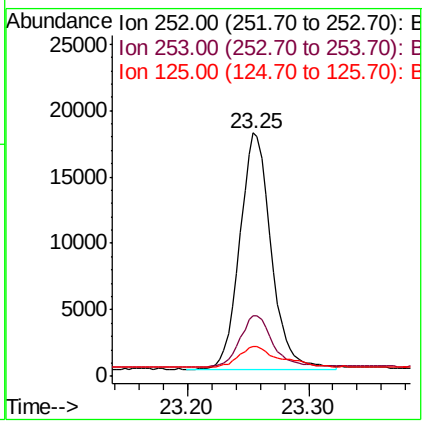


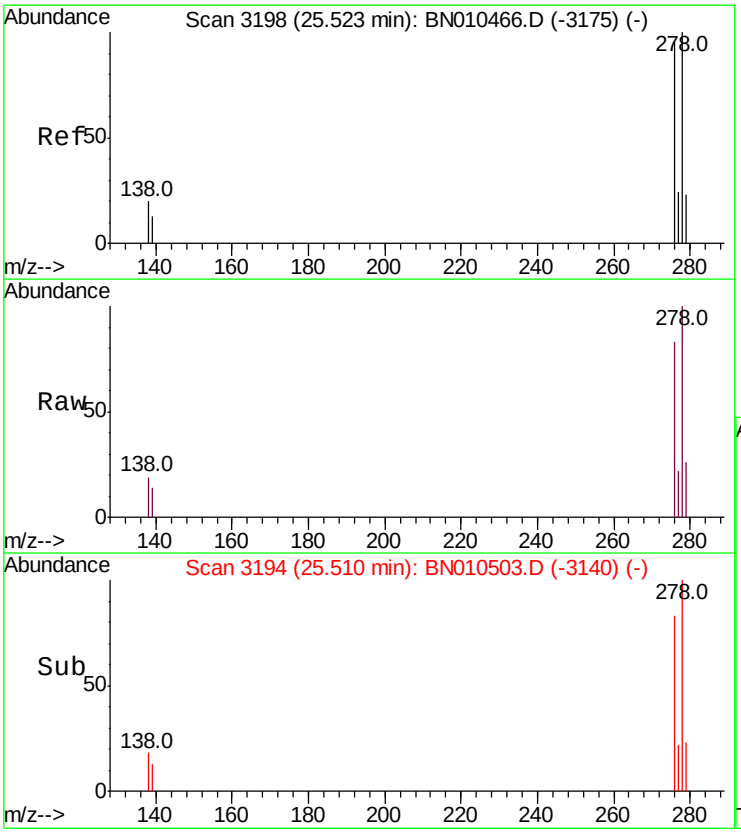
#37
Benzo(a)pyrene
Concen: 0.436 ng
RT: 23.25 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 31936

Ion	Ratio	Lower	Upper
252	100		
253	24.7	21.8	32.8
125	12.4	11.0	16.6

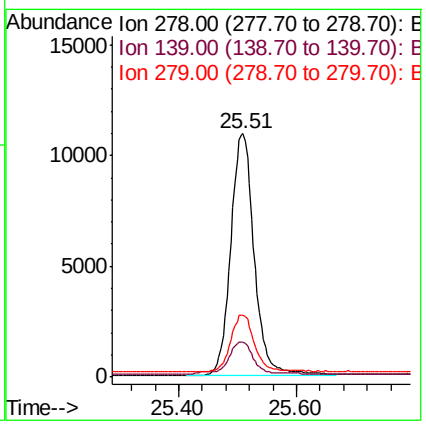


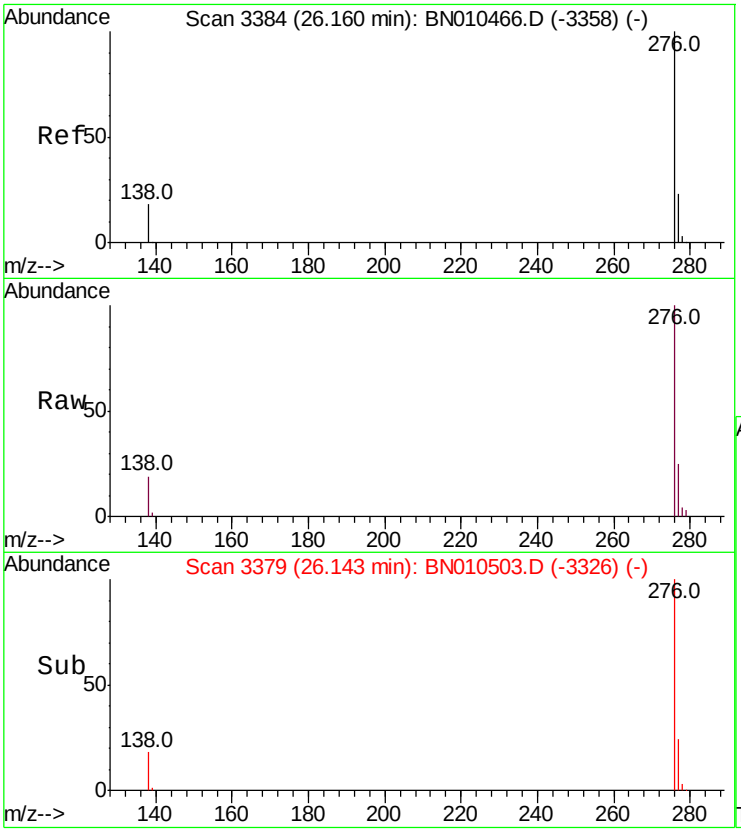


#38
Dibenzo(a,h)anthracene
Concen: 0.449 ng
RT: 25.51 min Scan# 3194
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:278 Resp: 30022

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.3	18.5
279	25.6	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.455 ng
RT: 26.14 min Scan# 3379
Delta R.T. -0.02 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 30624

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.2	30.2
138	18.8	15.4	23.2