Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010832.D
Acq On : 11 Jun 2020 00:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 11 00:46:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2962	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	10868	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	6126	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	12588	0.40	ng		-0.01
27) Chrysene-d12	21.13	240	12824	0.40	ng		0.00
34) Perylene-d12	23.28	264	13806	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3087	0.54	ng		0.00
5) Phenol-d6	6.75	99	3671	0.55	ng		0.00
8) Nitrobenzene-d5	8.69	82	3400	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.90	152	7152	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1024	0.47	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	9604	0.40	ng		0.00
25) Fluoranthene-d10	18.96	212	15785	0.45	ng		0.00
29) Terphenyl-d14	19.58	244	12033	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1220	0.421	ng		99
3) n-Nitrosodimethylamine	3.55	42	715	0.424	ng	#	98
6) bis(2-Chloroethyl)ether	7.00	93	3173	0.483	ng		95
9) Naphthalene	10.35	128	11482	0.420	ng		99
10) Hexachlorobutadiene	10.66	225	2643	0.392	ng	#	99
12) 2-Methylnaphthalene	11.98	142	7773	0.425	ng		98
16) Acenaphthylene	13.89	152	10804	0.431	ng		99
17) Acenaphthene	14.24	154	7109	0.415	ng		98
18) Fluorene	15.23	166	9047	0.410	ng		98
20) 4-Bromophenyl-phenylether	16.14	248	2911	0.385	ng		99
21) Hexachlorobenzene	16.24	284	3253	0.412	ng		96
22) Pentachlorophenol	16.59	266	1284	0.485	ng		97
23) Phenanthrene	16.96	178	14457	0.420	ng		99
24) Anthracene	17.06	178	12659	0.441	ng		99
26) Fluoranthene	18.99	202	17325	0.444	ng	#	98
28) Pyrene	19.36	202	17872	0.421	ng		99
30) Benzo(a)anthracene	21.12	228	17174	0.456	ng		99
31) Chrysene	21.16	228	18093	0.412	ng		99
32) Bis(2-ethylhexyl)phthalate	21.08	149	8548	0.680	ng		97
33) Indeno(1,2,3-cd)pyrene	25.40	276	20957	0.427	ng	#	95
35) Benzo(b)fluoranthene	22.65	252	18001	0.383	ng	#	98
36) Benzo(k)fluoranthene	22.65	252	18001	0.360	ng		98
37) Benzo(a)pyrene	23.19	252	16617	0.413	ng		97
38) Dibenzo(a,h)anthracene	25.41	278	17325	0.377	ng	#	95
39) Benzo(g,h,i)perylene	26.04	276	17518	0.365	ng	#	96

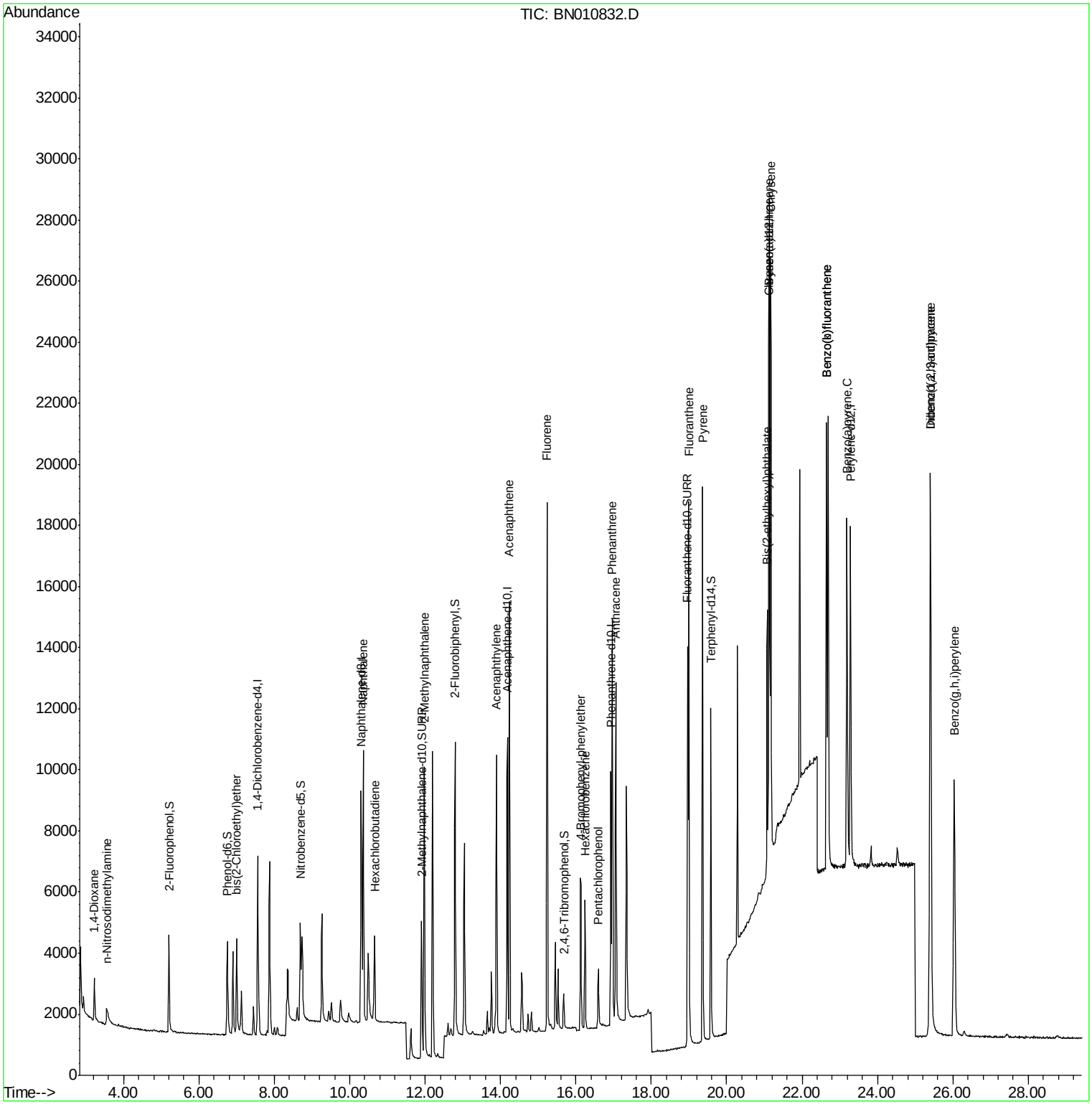
(#) = qualifier out of range (m) = manual integration (+) = signals summed

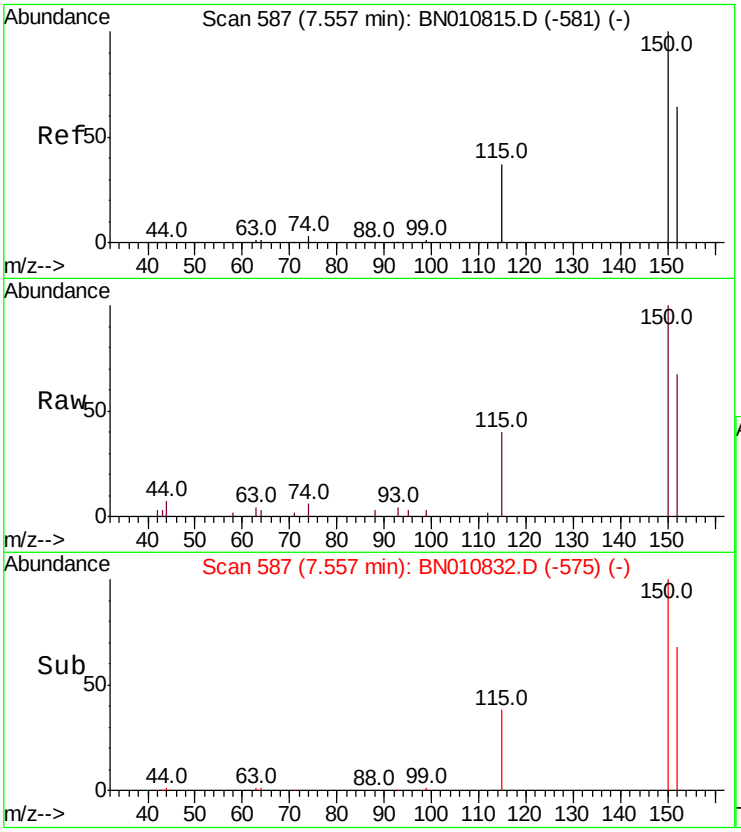
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010832.D
Acq On : 11 Jun 2020 00:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 11 00:46:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration



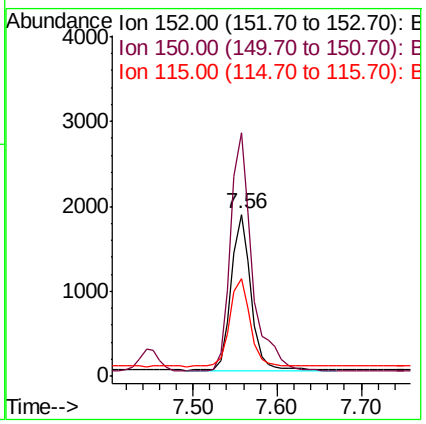


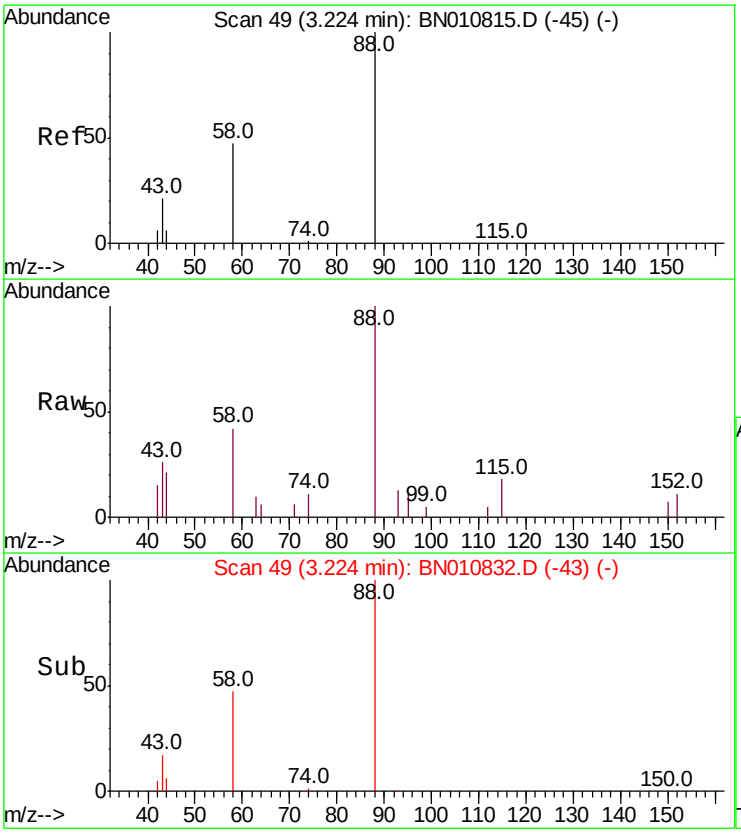
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2962

Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.8	185.6
115	60.5	49.2	73.8

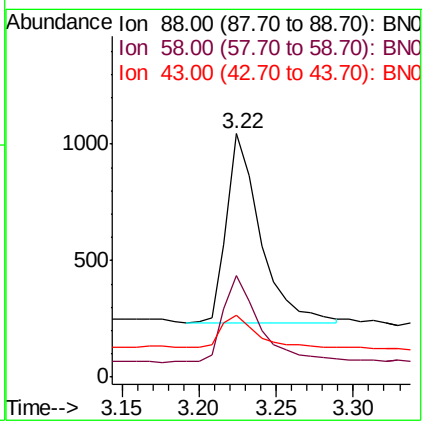


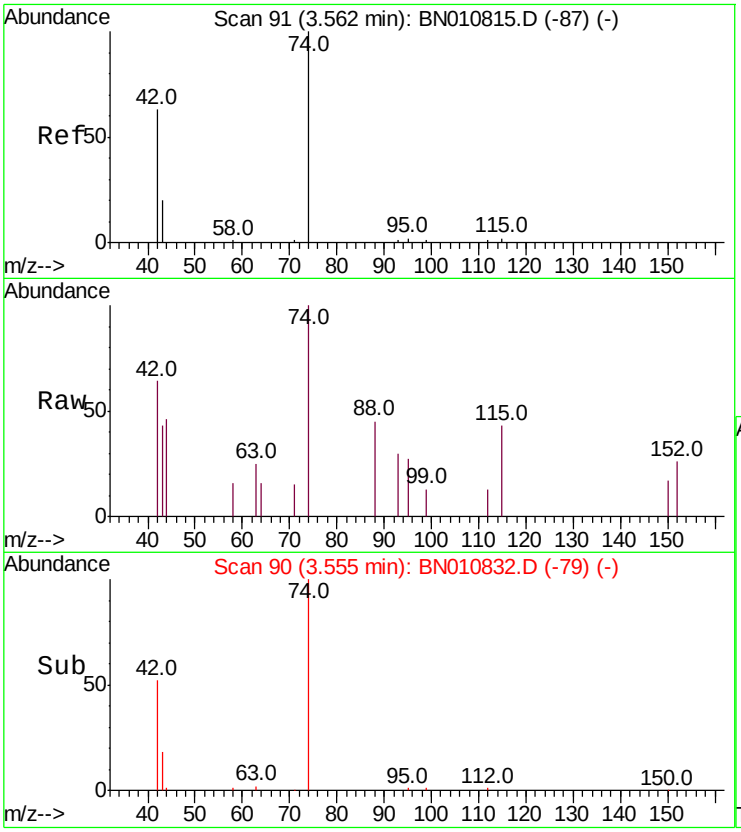


#2
1,4-Dioxane
Concen: 0.421 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion: 88 Resp: 1220

Ion	Ratio	Lower	Upper
88	100		
58	48.2	38.2	57.4
43	17.8	15.1	22.7



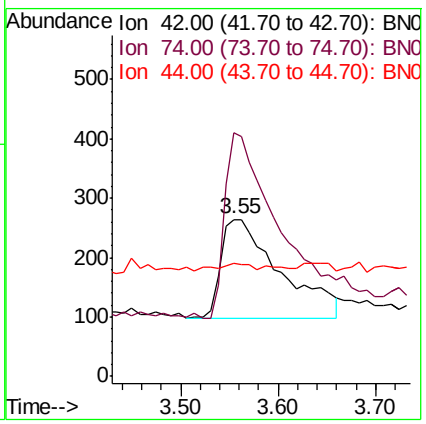


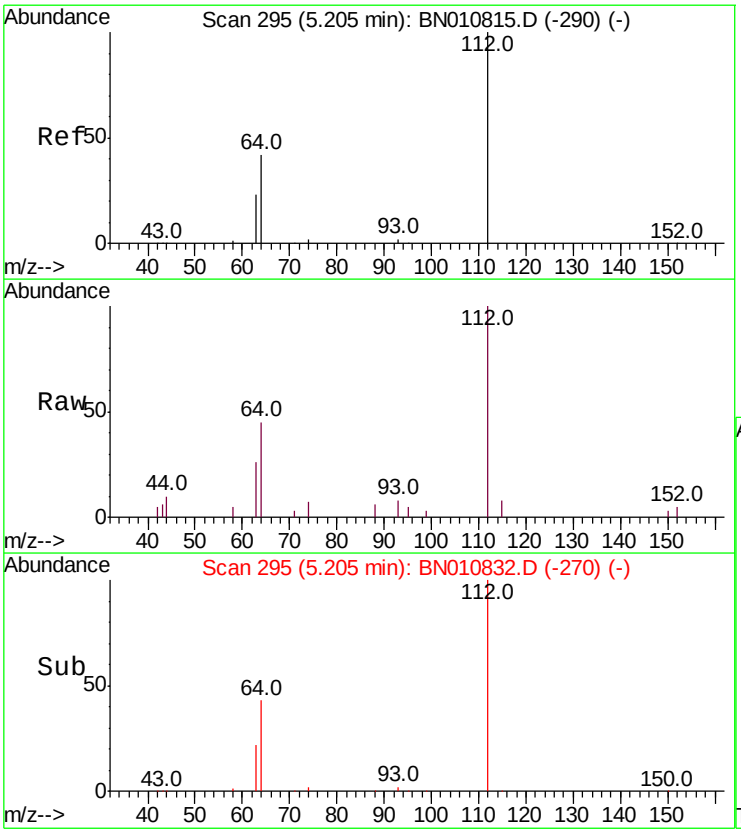
#3
n-Nitrosodimethylamine
Concen: 0.424 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.01 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 715

Ion	Ratio	Lower	Upper
42	100		
74	173.8	140.7	211.1
44	4.2	1.4	2.2#

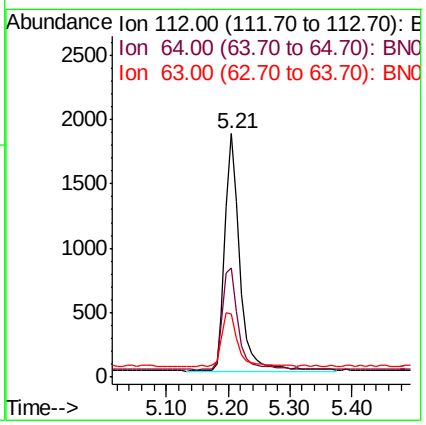


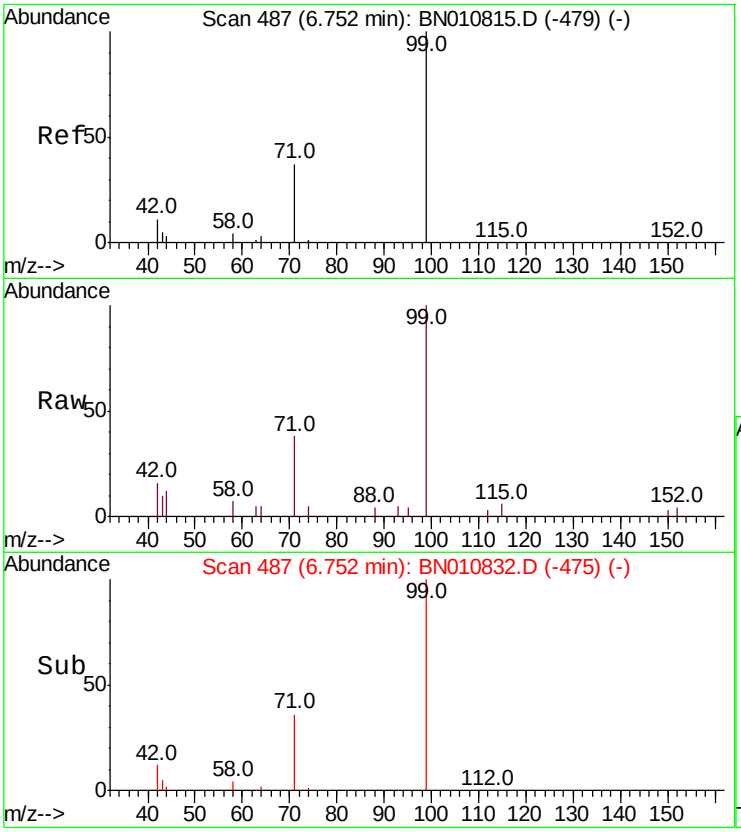


#4
2-Fluorophenol
Concen: 0.540 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:112 Resp: 3087

Ion	Ratio	Lower	Upper
112	100		
64	45.5	37.4	56.0
63	23.9	22.2	33.4



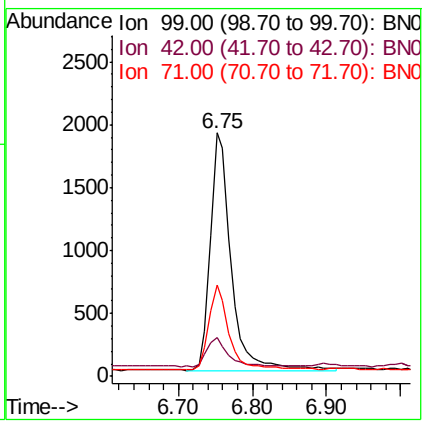


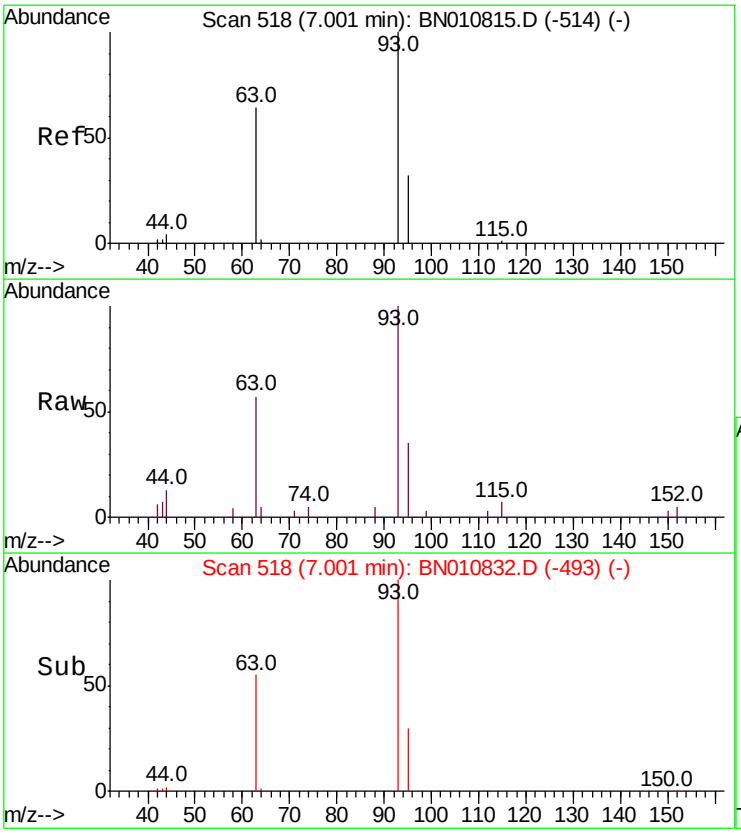
#5
Phenol-d6
Concen: 0.545 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3671

Ion	Ratio	Lower	Upper
99	100		
42	12.7	11.1	16.7
71	34.7	31.4	47.2

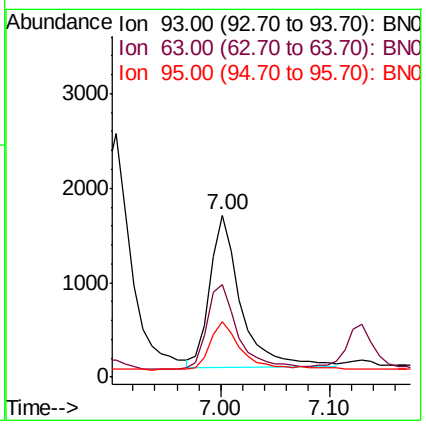


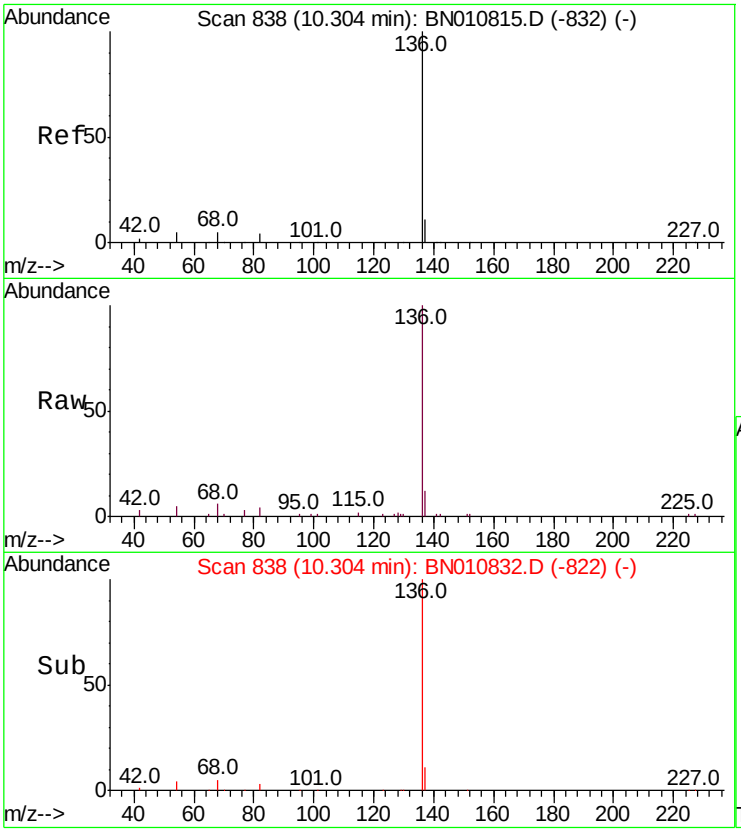


#6
bis(2-Chloroethyl)ether
Concen: 0.483 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion: 93 Resp: 3173

Ion	Ratio	Lower	Upper
93	100		
63	55.6	49.4	74.2
95	33.5	26.7	40.1



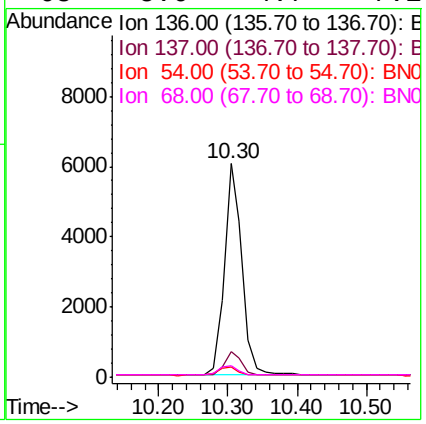


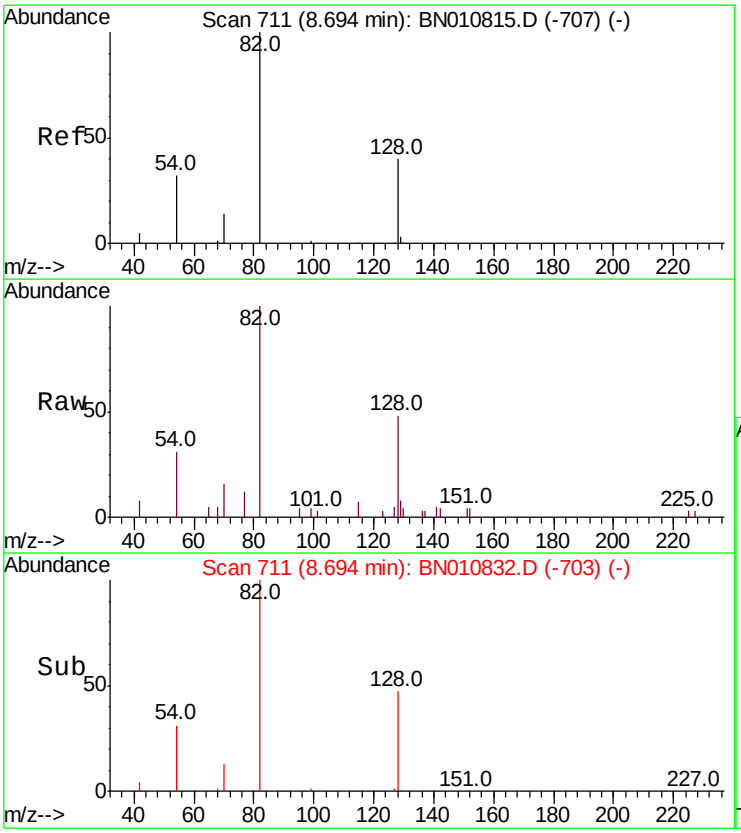
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 10868

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	4.8	4.9	7.3#
68	5.6	4.7	7.1

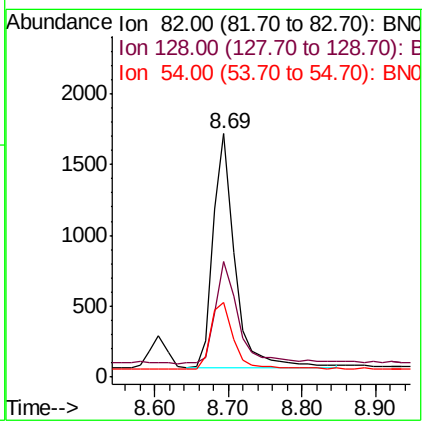


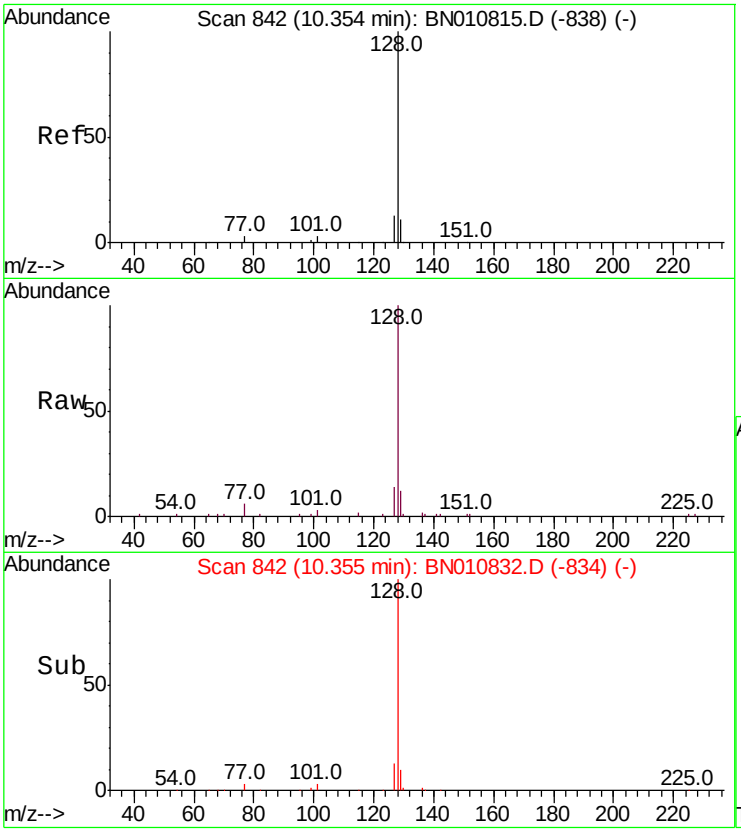


#8
Nitrobenzene-d5
Concen: 0.423 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion: 82 Resp: 3400

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.4	53.0
54	30.7	28.2	42.4



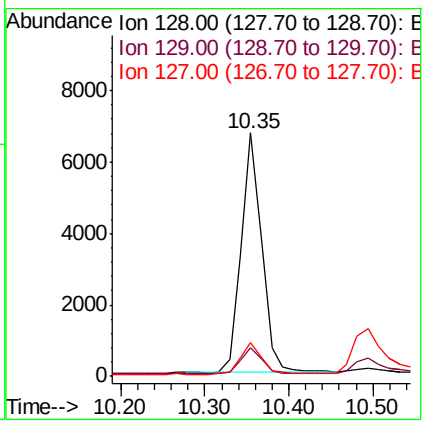


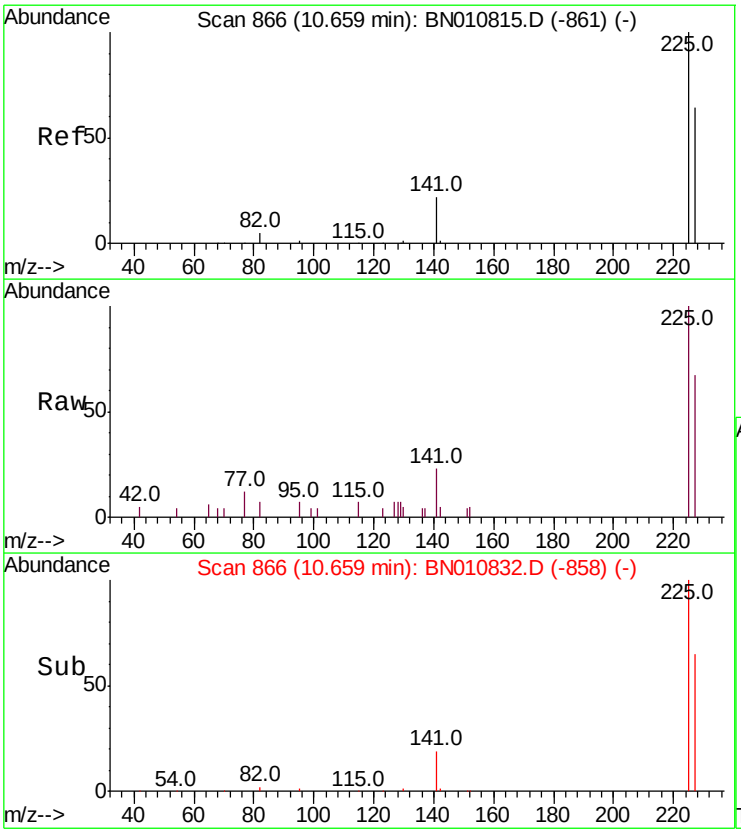
#9
Naphthalene
Concen: 0.420 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 11482

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.8	11.4	17.2

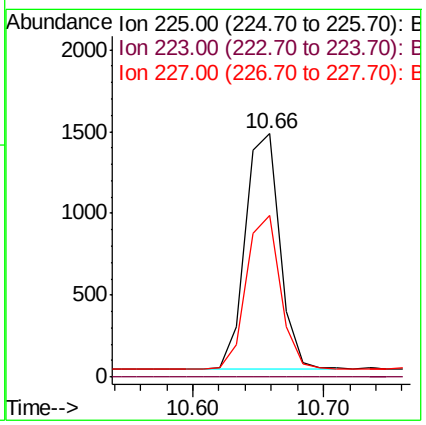


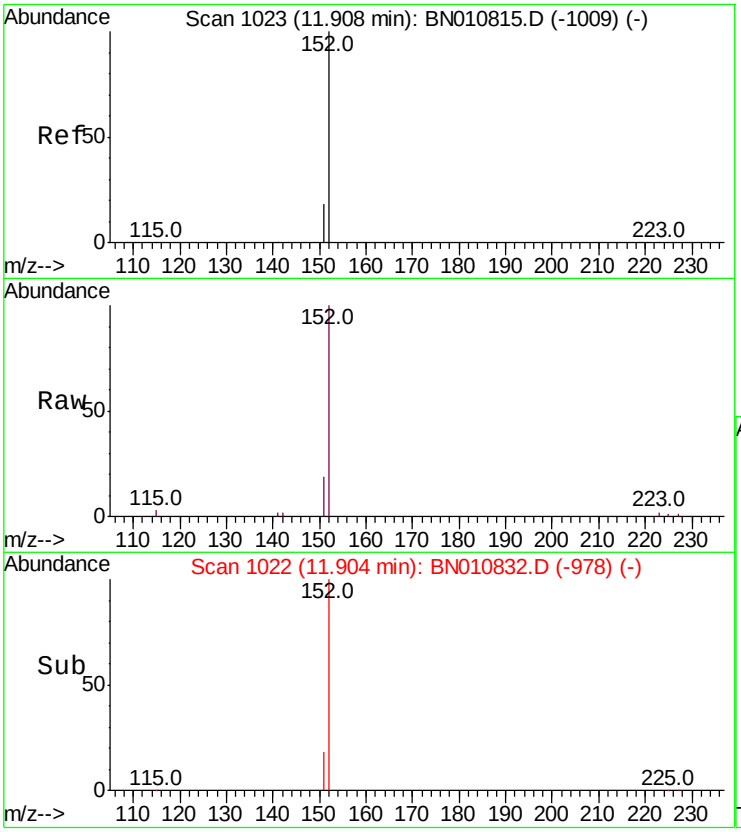


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 10.66 min Scan# 866
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:225 Resp: 2643

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.5	75.7



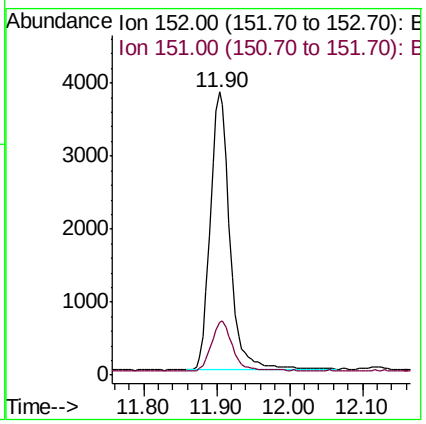


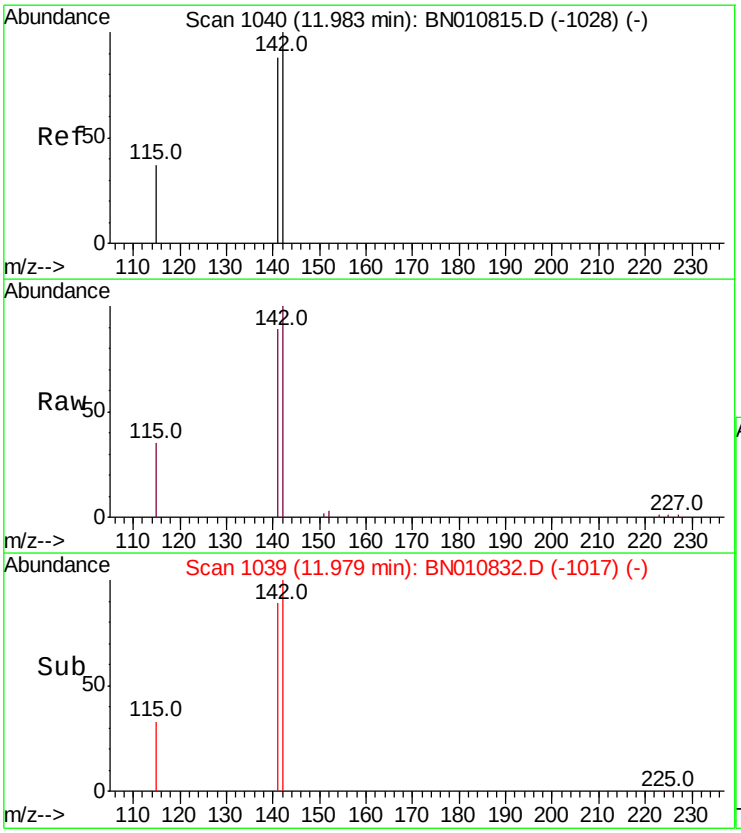
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 11.90 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7152

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

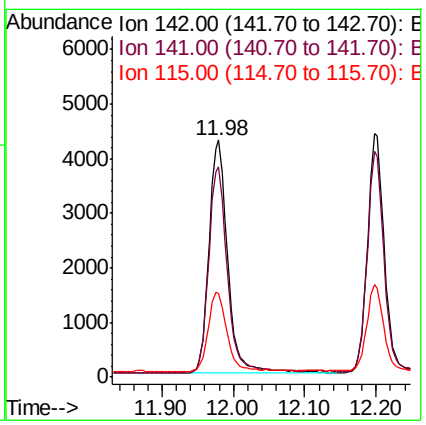


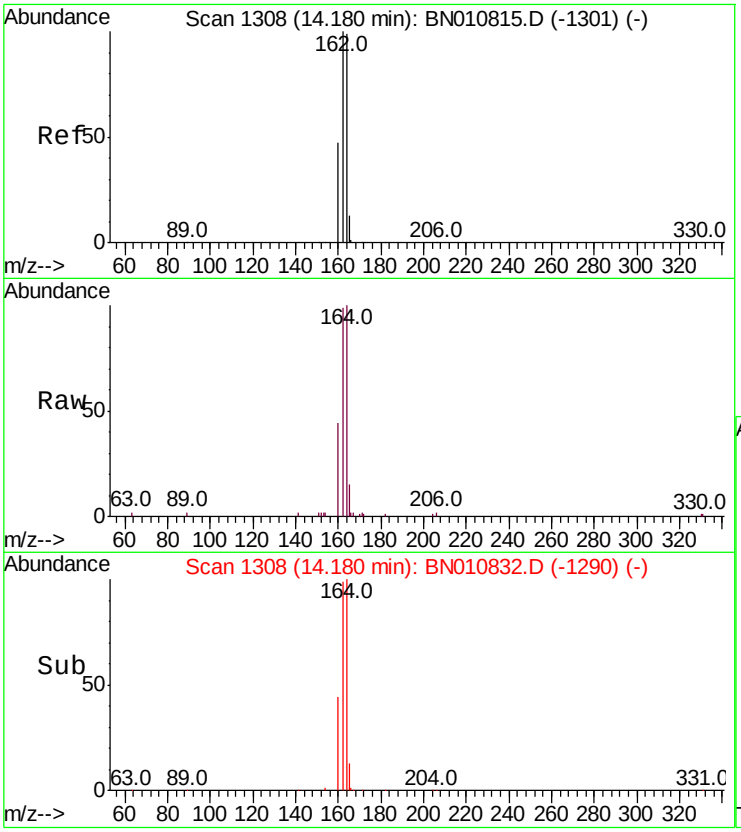


#12
2-Methylnaphthalene
Concen: 0.425 ng
RT: 11.98 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:142 Resp: 7773

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	35.3	31.5	47.3



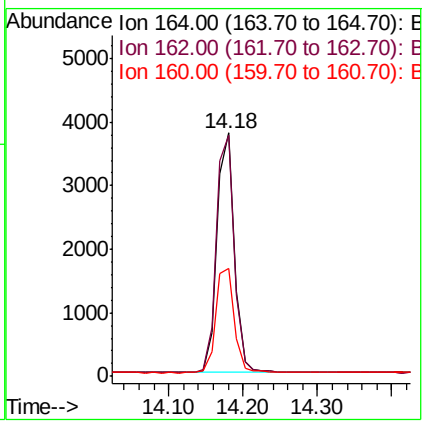


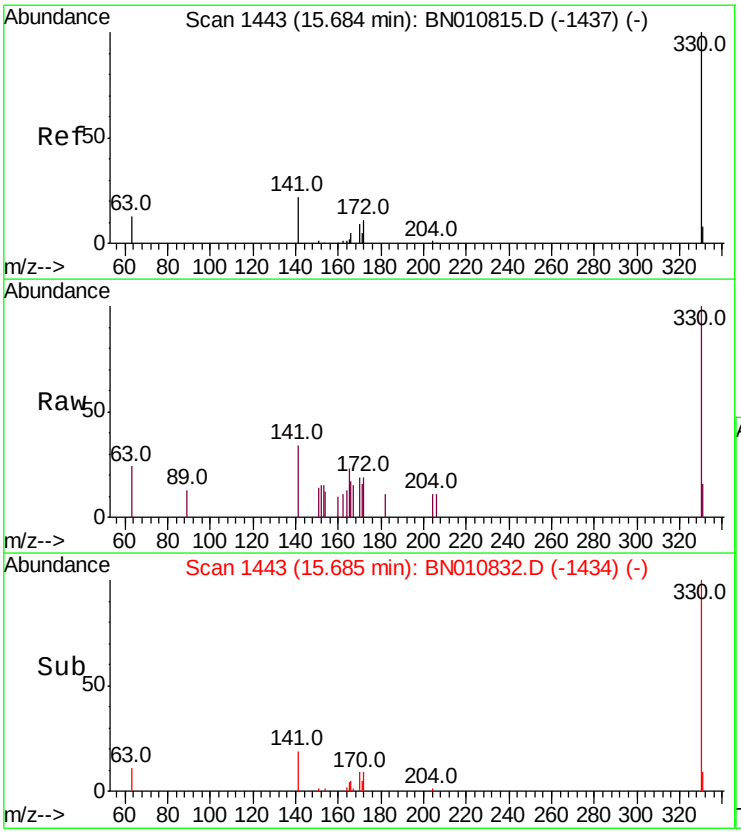
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 6126

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.0	121.6
160	44.5	38.9	58.3

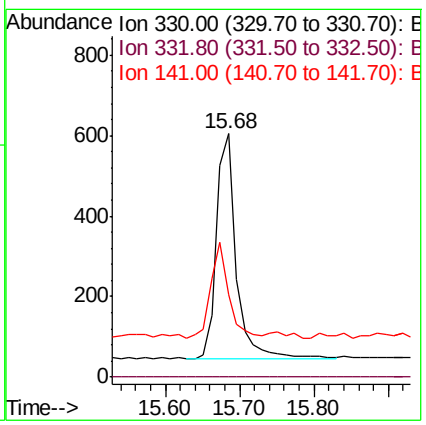


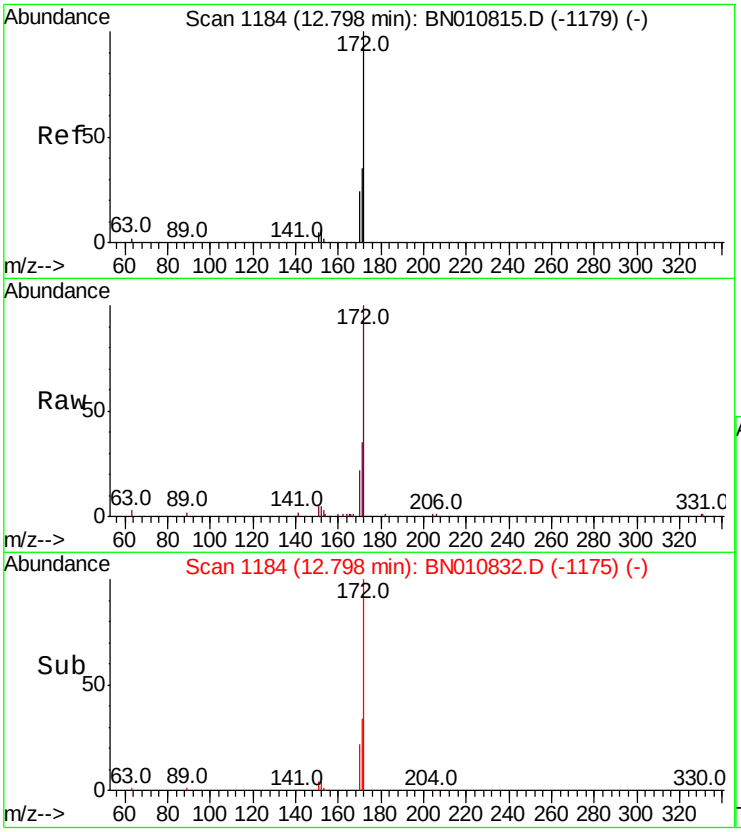


#14
2,4,6-Tribromophenol
Concen: 0.467 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:330 Resp: 1024

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.8	33.2	49.8



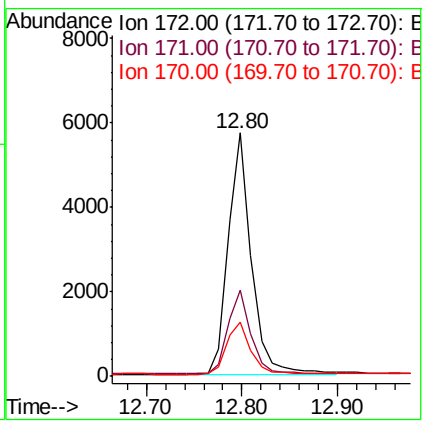


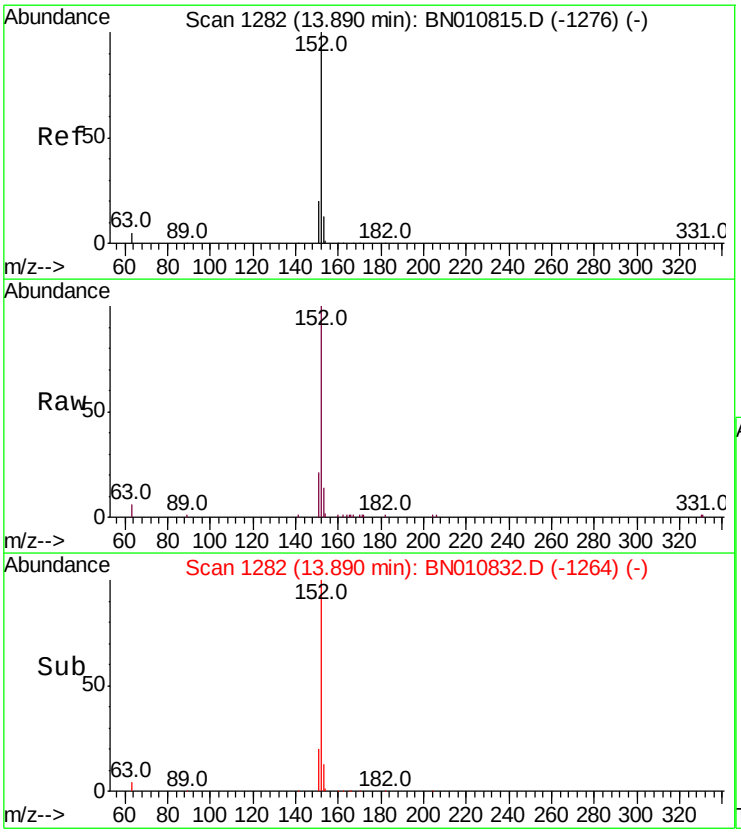
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9604

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.5	19.7	29.5

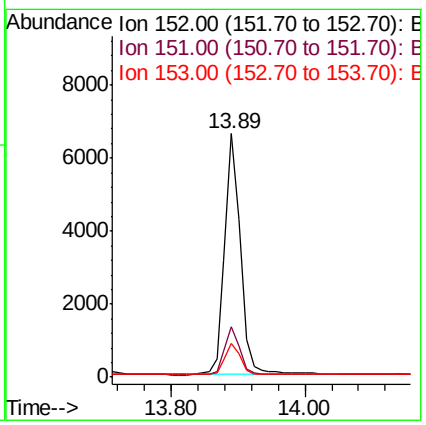


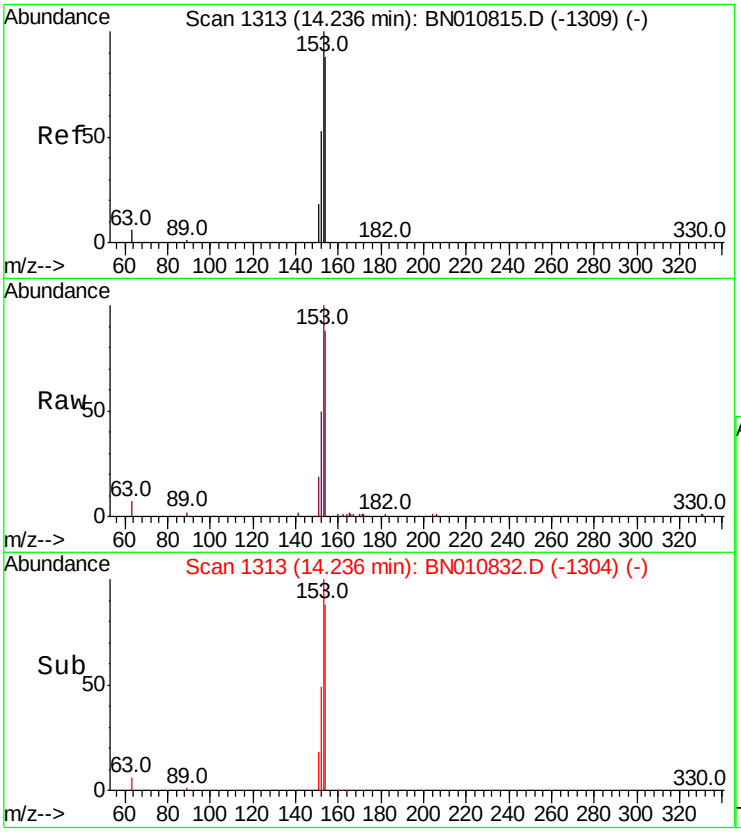


#16
Acenaphthylene
Concen: 0.431 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:152 Resp: 10804

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.0	10.6	16.0



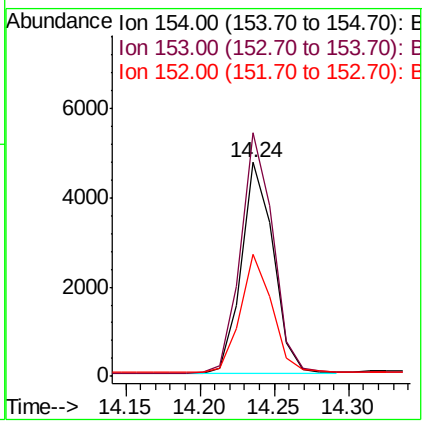


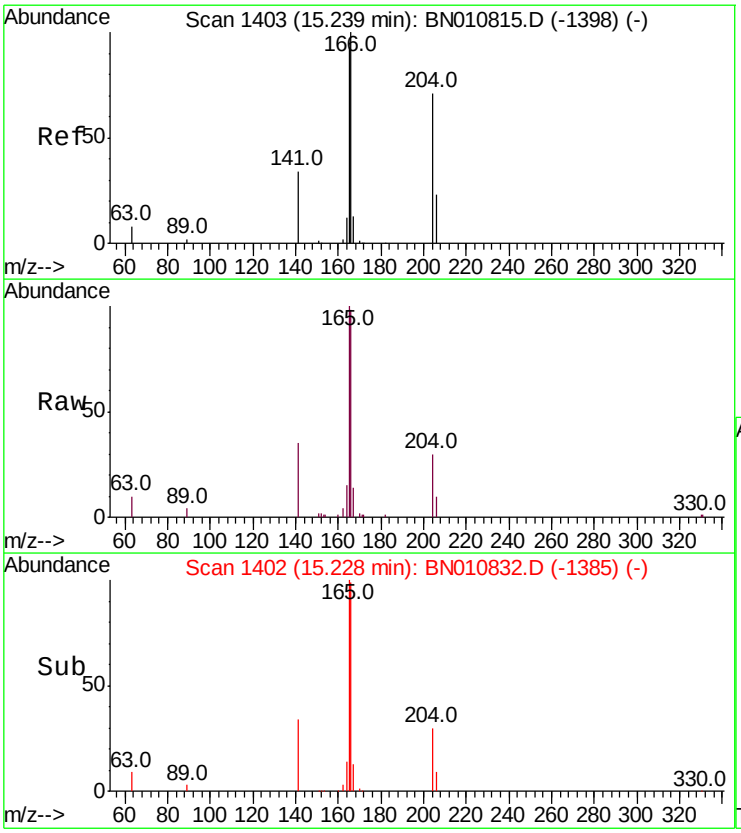
#17
Acenaphthene
Concen: 0.415 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 7109

Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.8	137.6
152	56.7	47.6	71.4

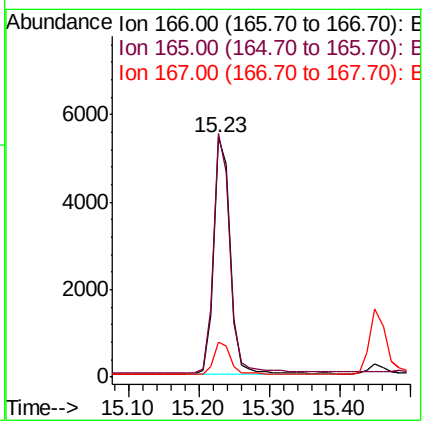


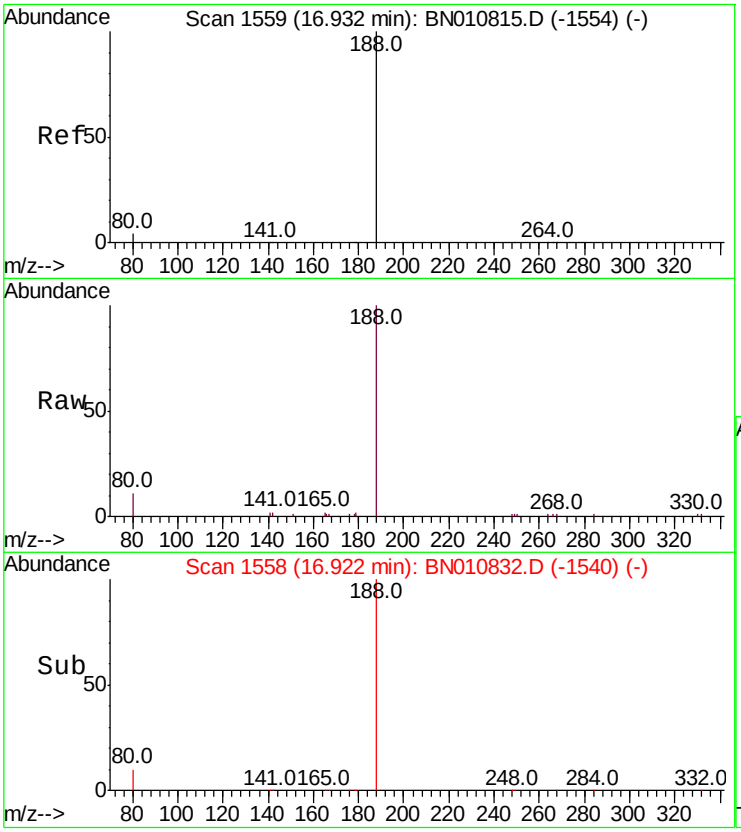


#18
Fluorene
Concen: 0.410 ng
RT: 15.23 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:166 Resp: 9047

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.2	115.8
167	13.4	10.7	16.1



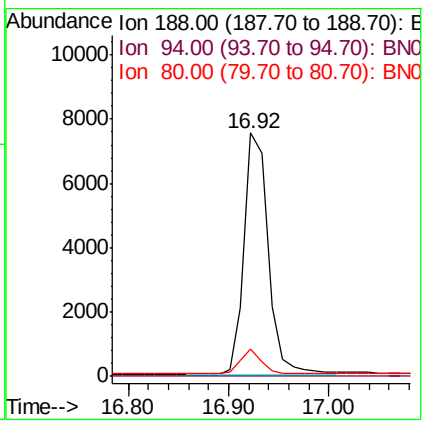


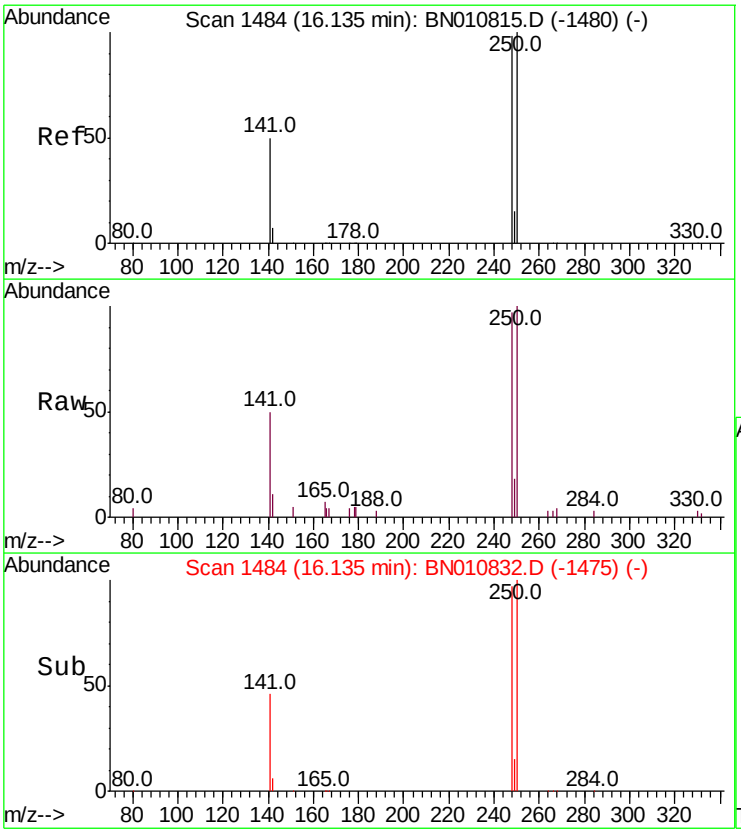
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 12588

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	4.5	6.7#

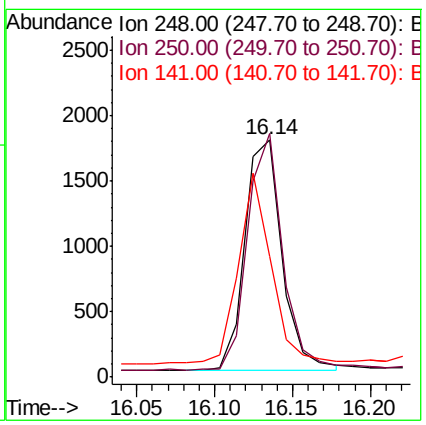


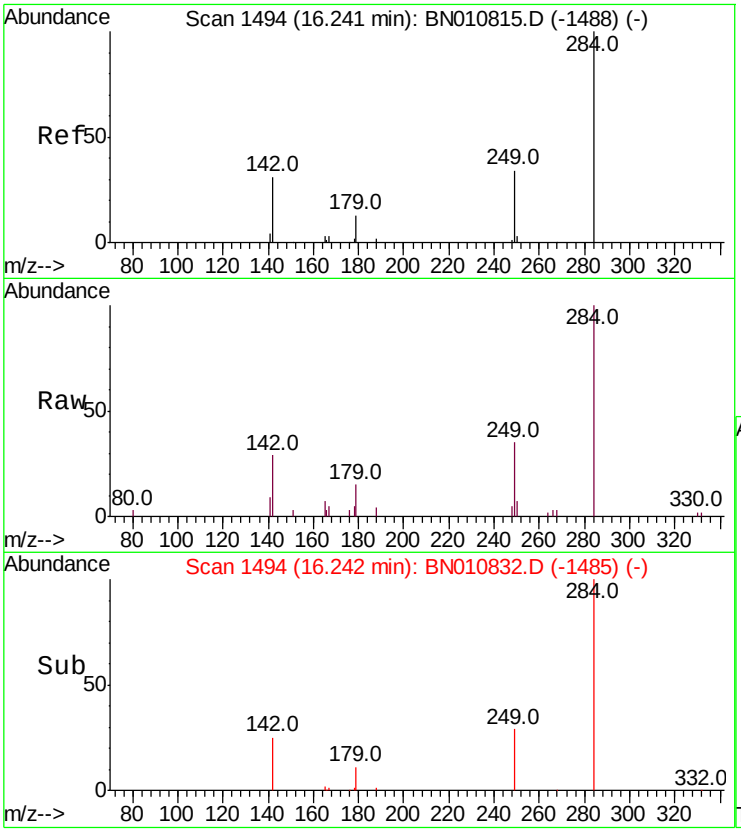


#20
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:248 Resp: 2911

Ion	Ratio	Lower	Upper
248	100		
250	102.6	81.8	122.8
141	51.2	42.6	64.0



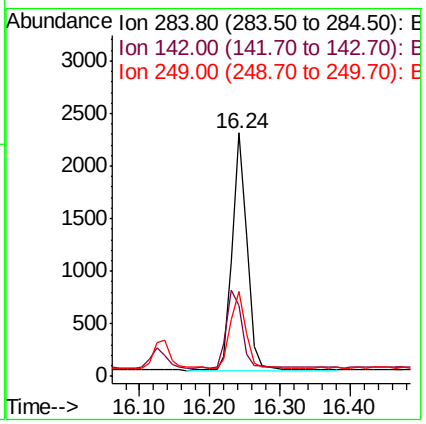


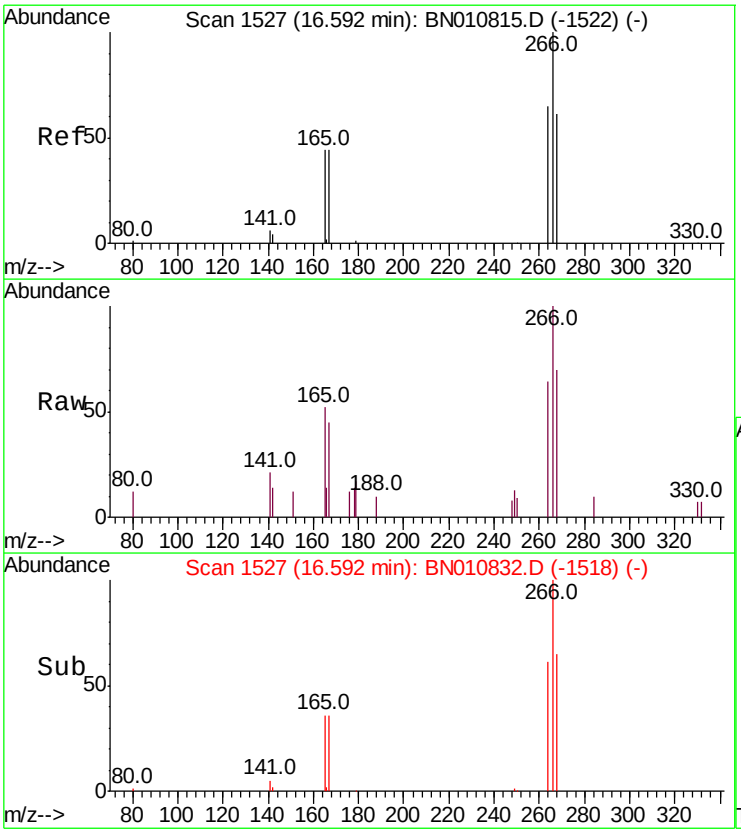
#21
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3253

Ion	Ratio	Lower	Upper
284	100		
142	34.7	31.0	46.4
249	32.9	27.1	40.7

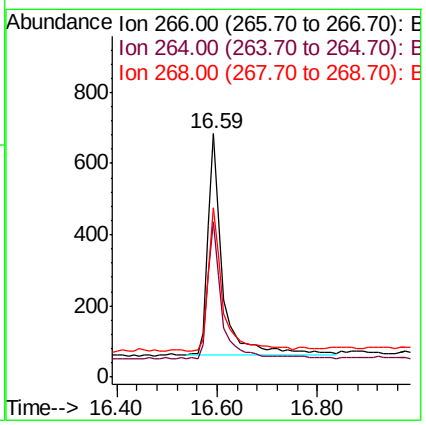


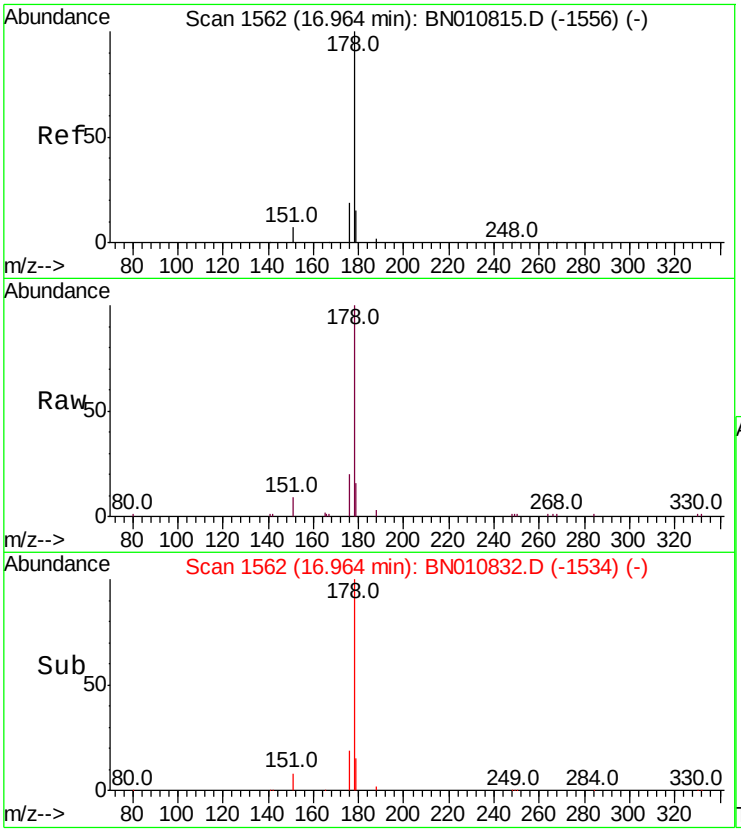


#22
Pentachlorophenol
Concen: 0.485 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:266 Resp: 1284

Ion	Ratio	Lower	Upper
266	100		
264	63.6	54.8	82.2
268	69.7	55.9	83.9



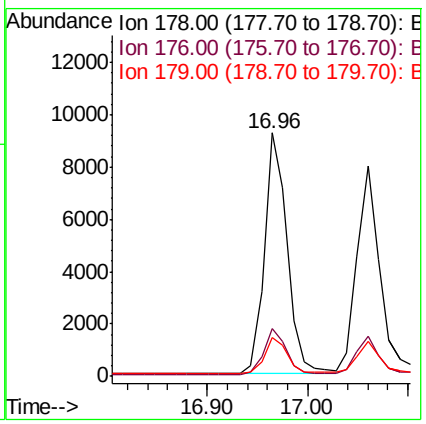


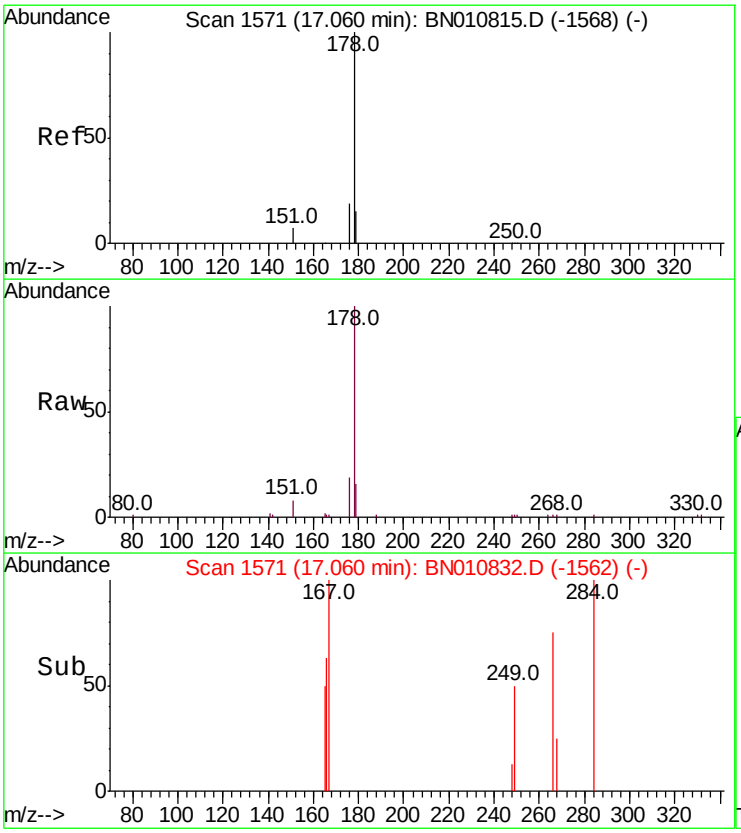
#23
Phenanthrene
Concen: 0.420 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 14457

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.5	12.6	19.0

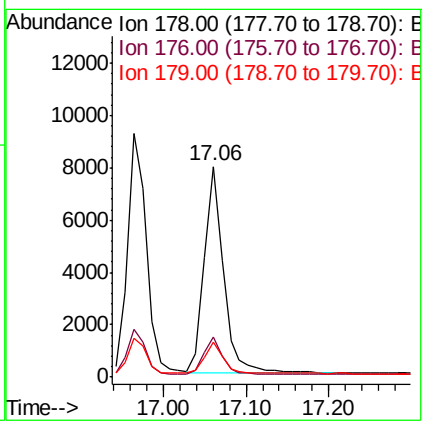


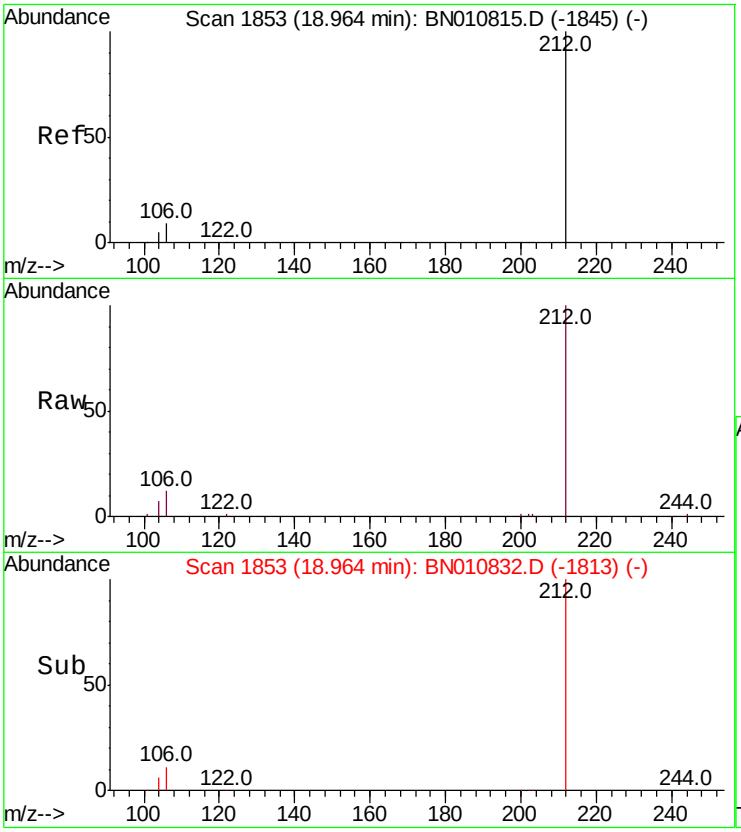


#24
Anthracene
Concen: 0.441 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:178 Resp: 12659

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	14.7	12.3	18.5



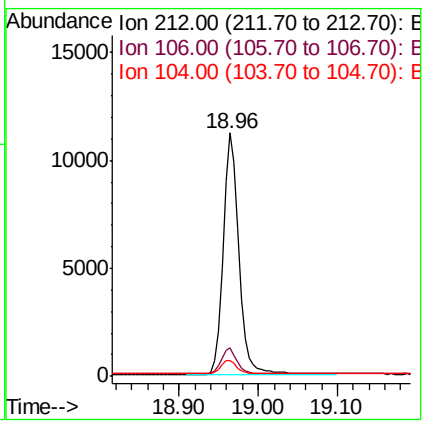


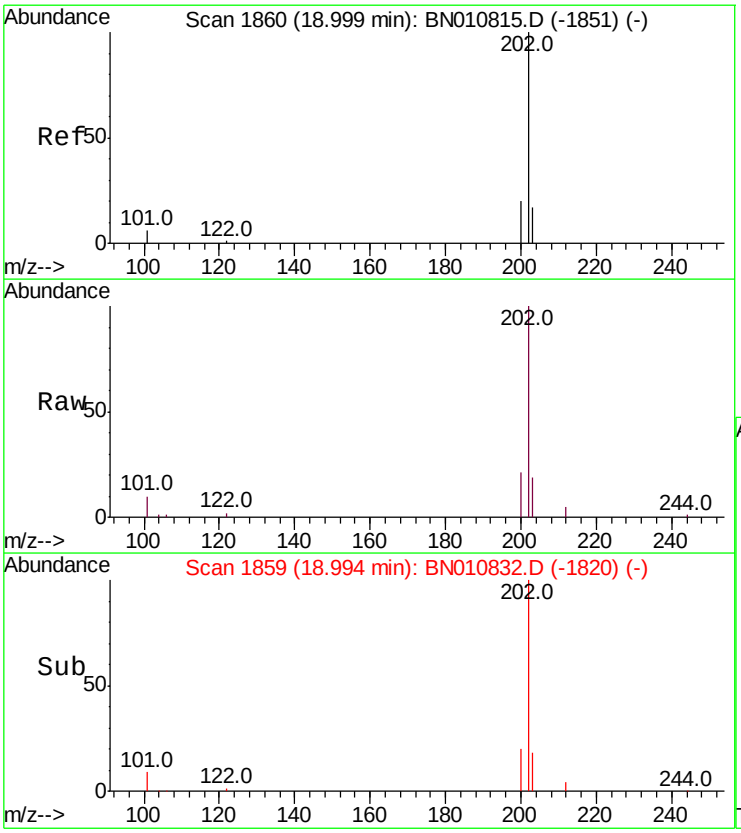
#25
Fluoranthene-d10
Concen: 0.454 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Tgt Ion:212 Resp: 15785

Ion	Ratio	Lower	Upper
212	100		
106	10.5	6.6	10.0#
104	6.0	4.0	6.0

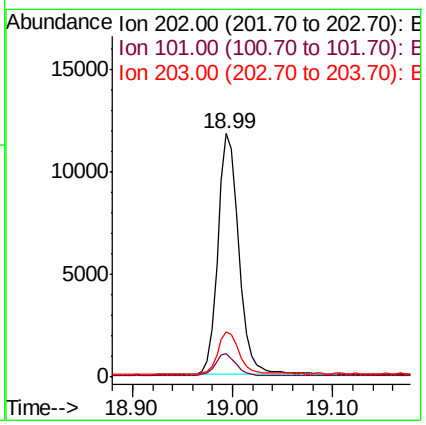


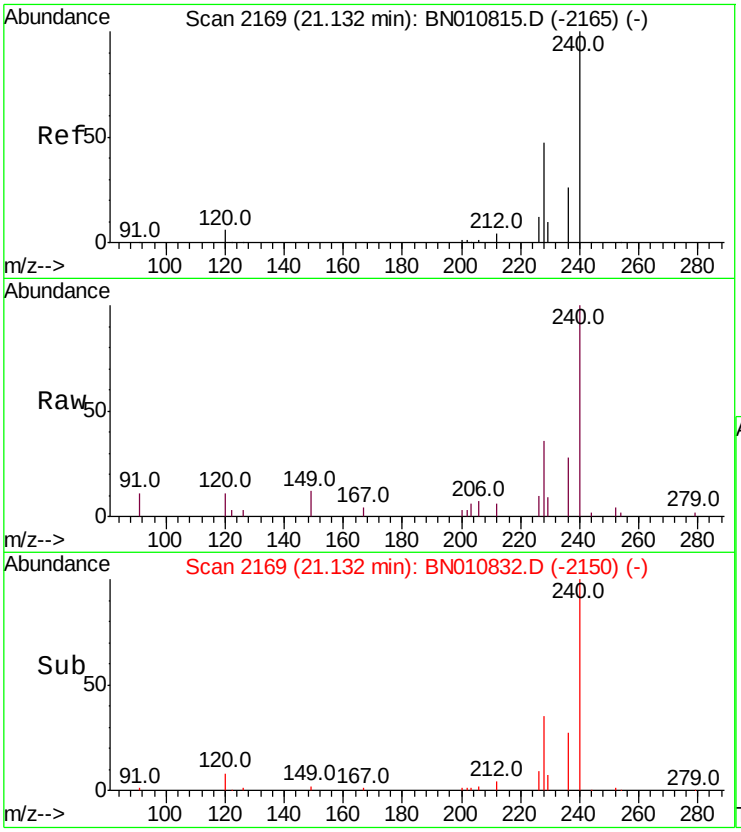


#26
Fluoranthene
Concen: 0.444 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:202 Resp: 17325

Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.8	8.6#
203	17.3	13.7	20.5



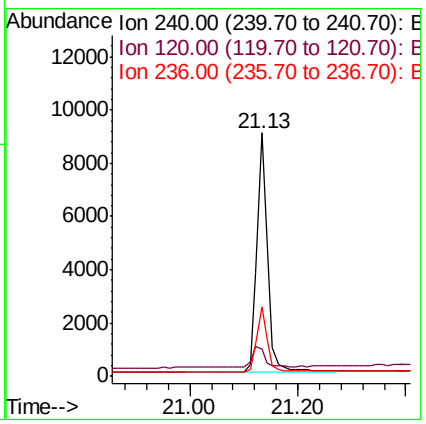


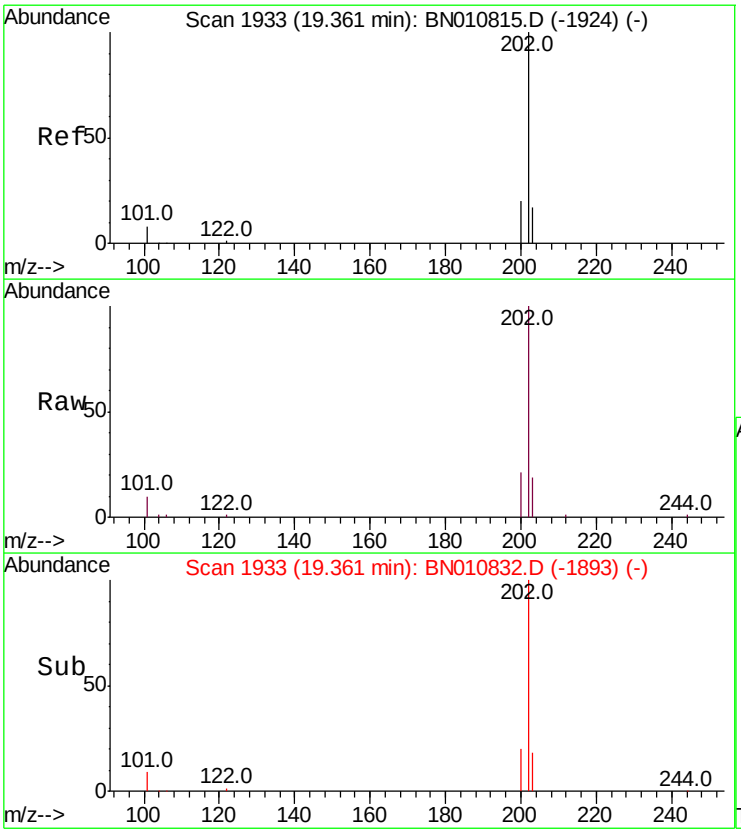
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 12824

Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.5	11.3
236	28.3	22.3	33.5

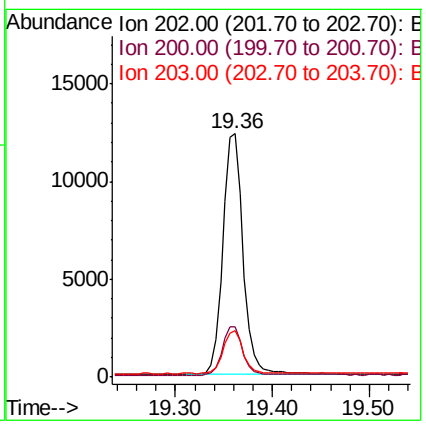


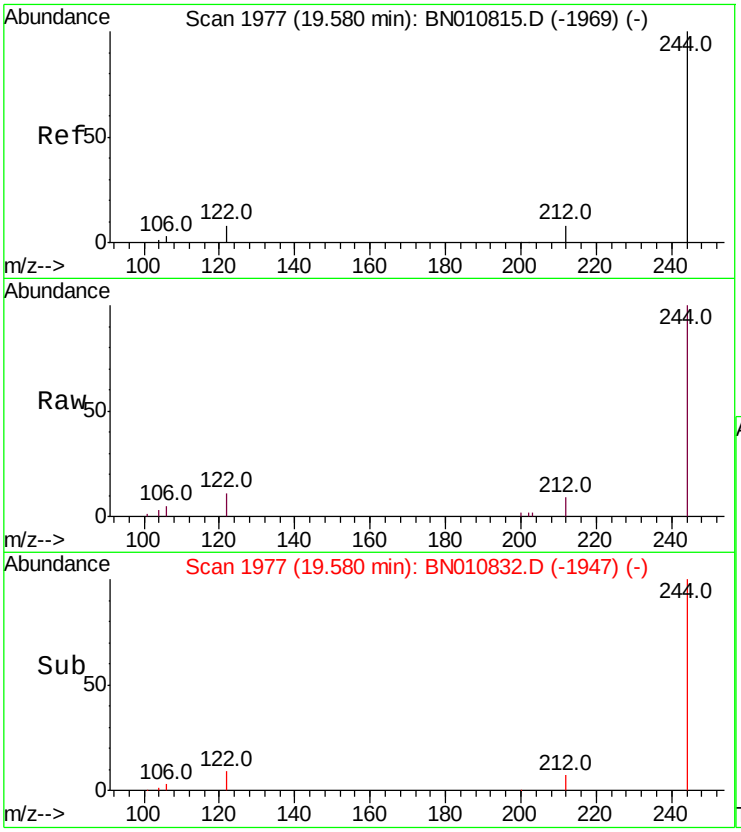


#28
Pyrene
Concen: 0.421 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:202 Resp: 17872

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.4	24.6
203	17.8	14.2	21.4



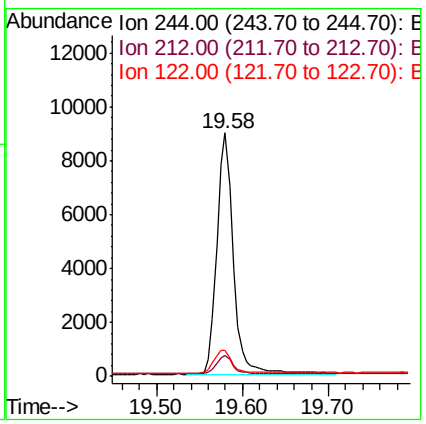


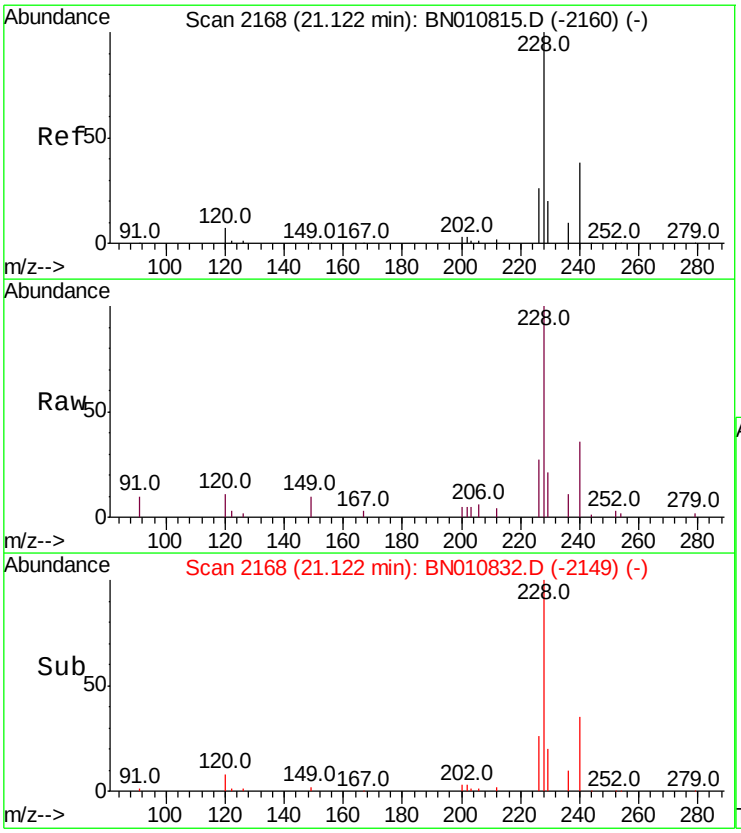
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 12033

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	10.6	7.5	11.3

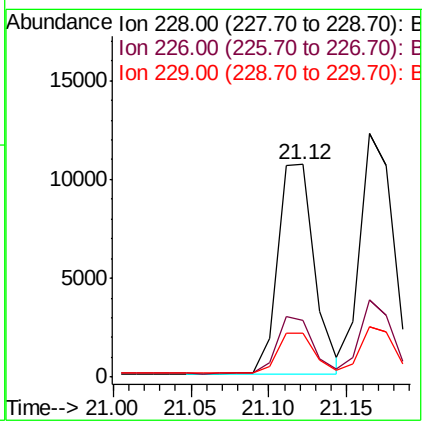


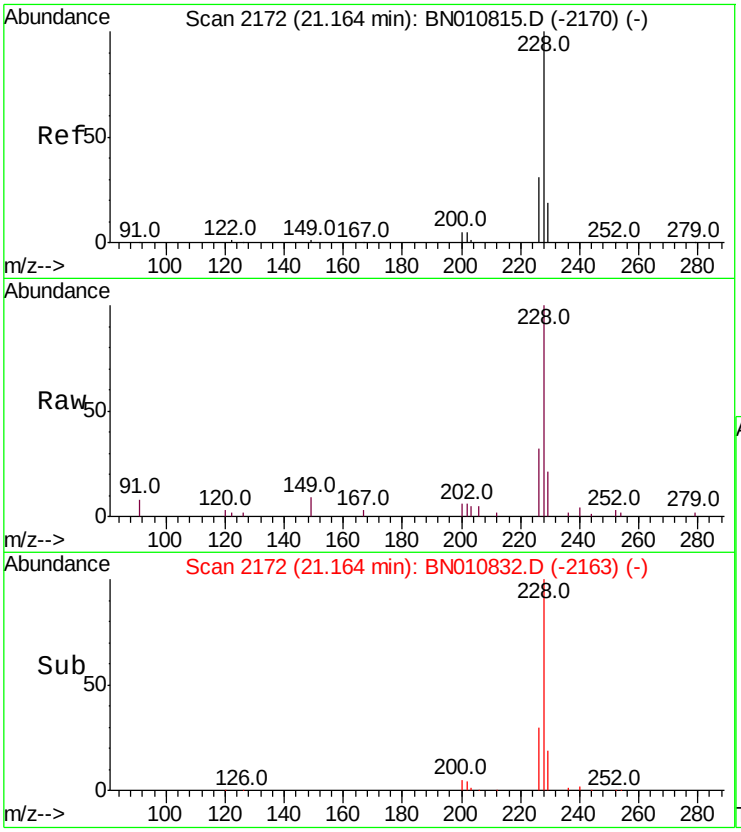


#30
Benzo(a)anthracene
Concen: 0.456 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:228 Resp: 17174

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	21.0	16.6	24.8



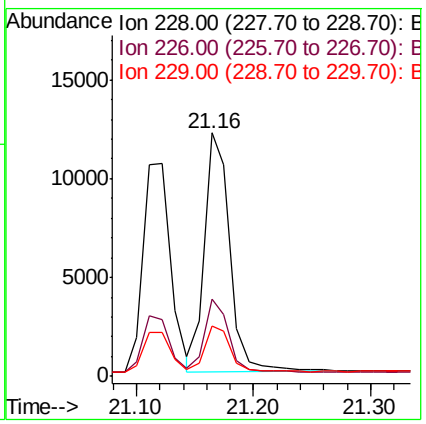


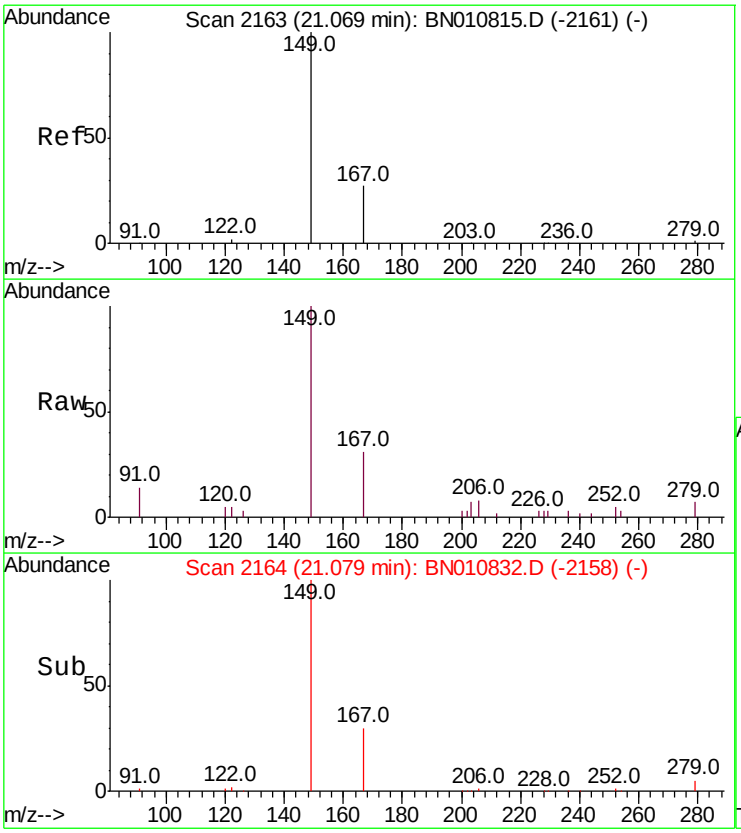
#31
Chrysene
Concen: 0.412 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Tgt Ion:228 Resp: 18093

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.6	16.1	24.1

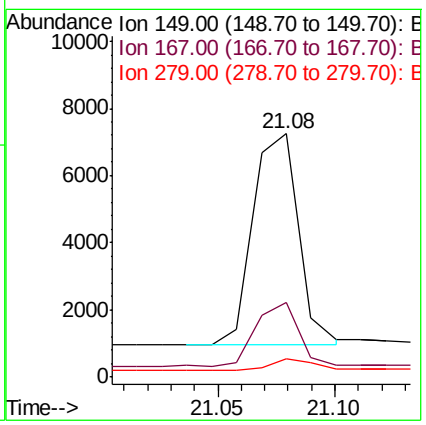


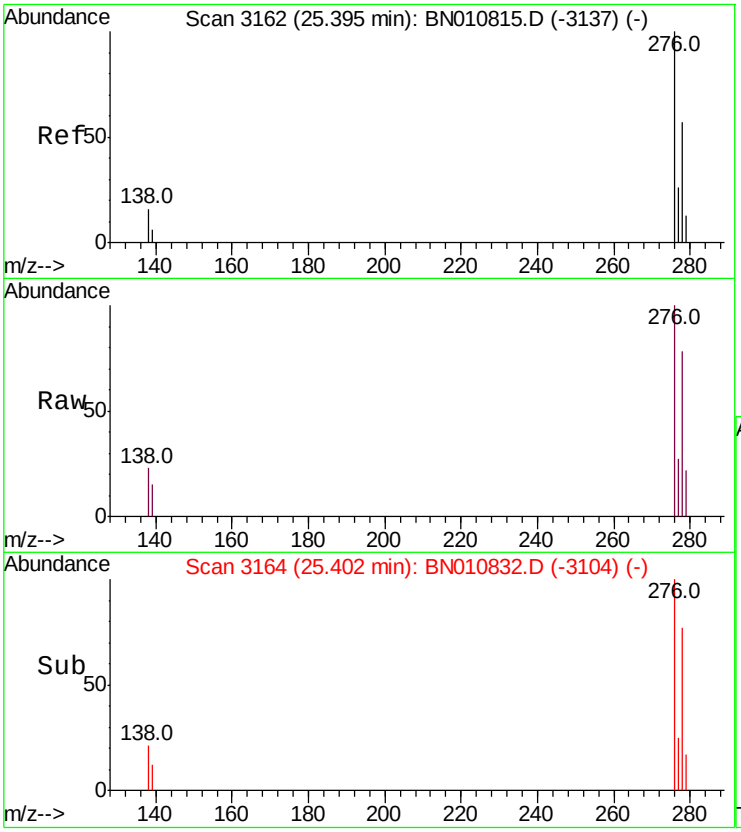


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.680 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:149 Resp: 8548

Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.1	36.1
279	4.9	4.6	7.0



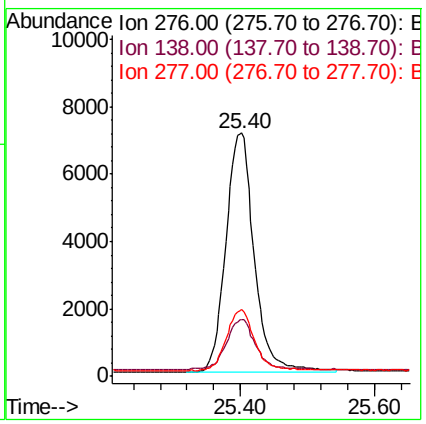


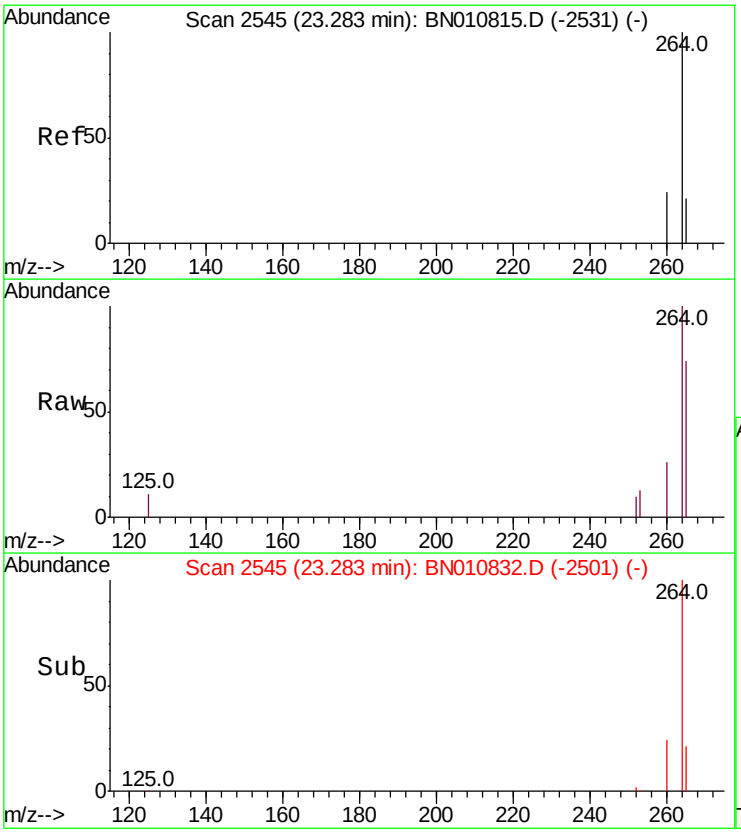
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng
RT: 25.40 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 20957

Ion	Ratio	Lower	Upper
276	100		
138	21.5	13.0	19.6#
277	25.0	19.7	29.5

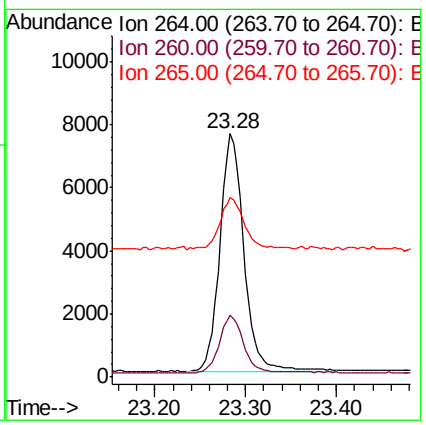


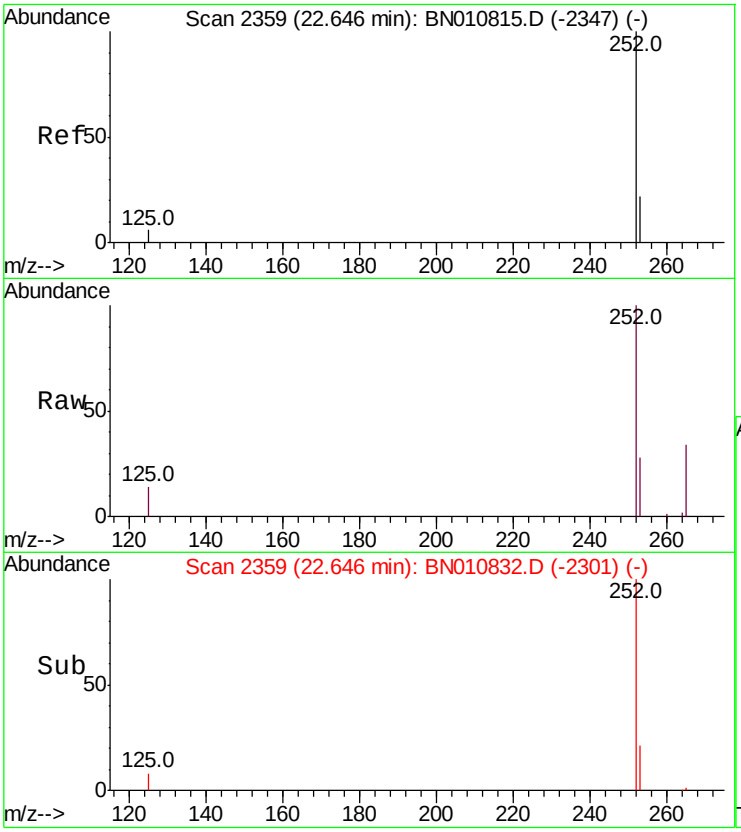


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:264 Resp: 13806

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	73.6	75.0	112.4#



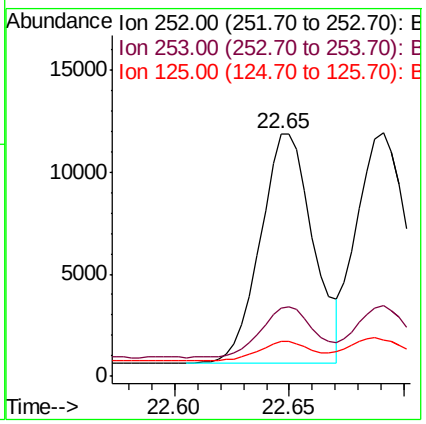


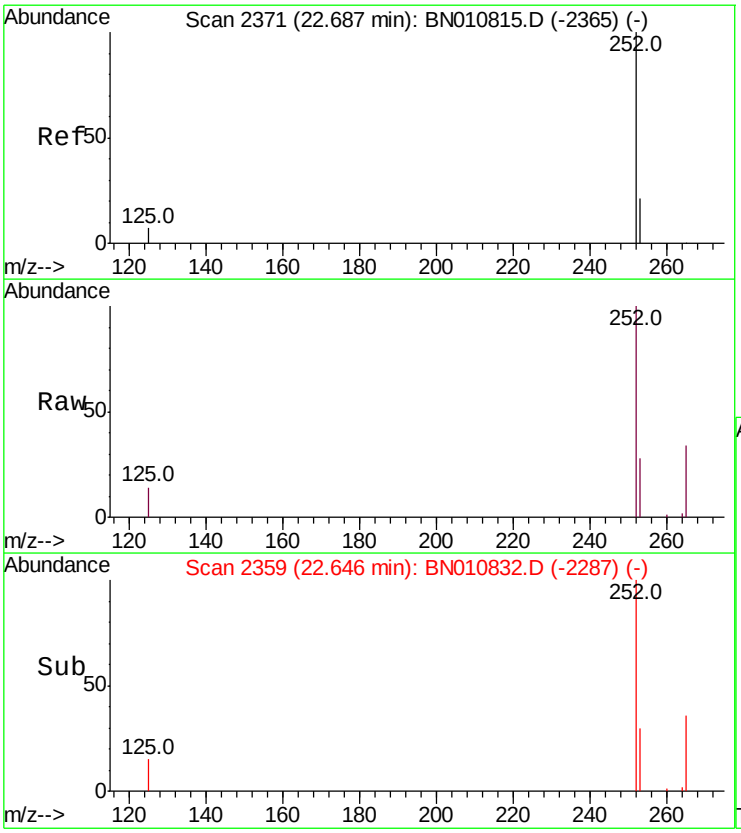
#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.65 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 18001

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.4	33.6
125	14.4	9.4	14.0#

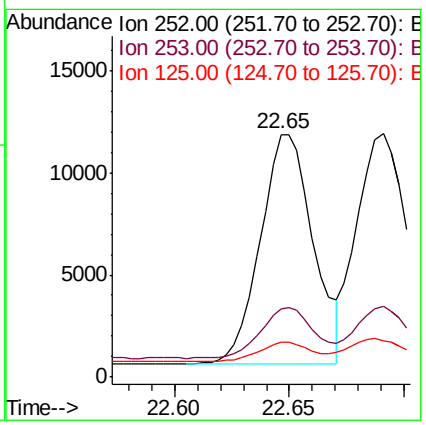


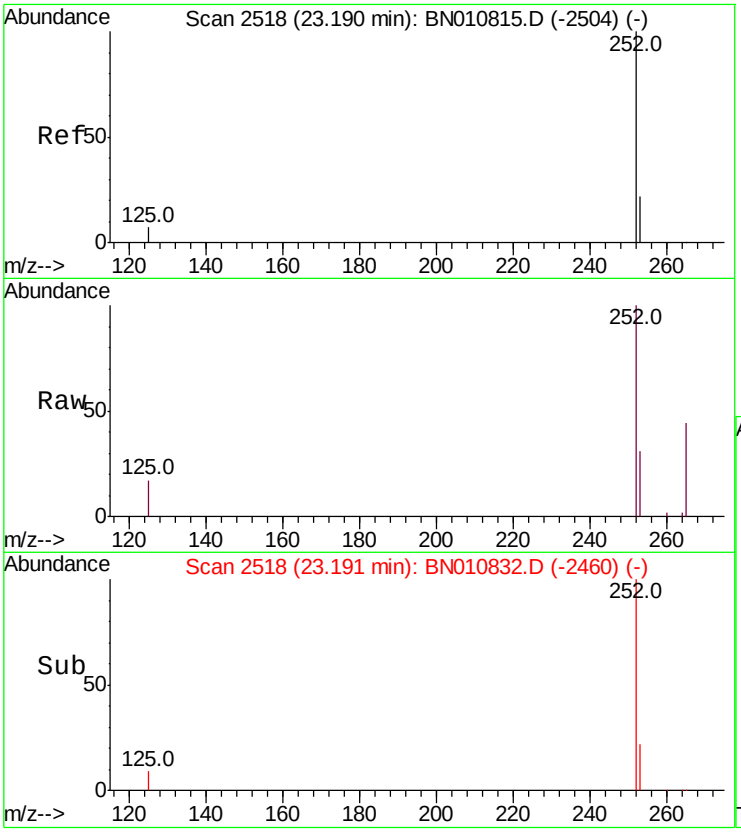


#36
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 22.65 min Scan# 2359
Delta R.T. -0.04 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:252 Resp: 18001

Ion	Ratio	Lower	Upper
252	100		
253	28.0	22.2	33.4
125	14.4	9.8	14.8



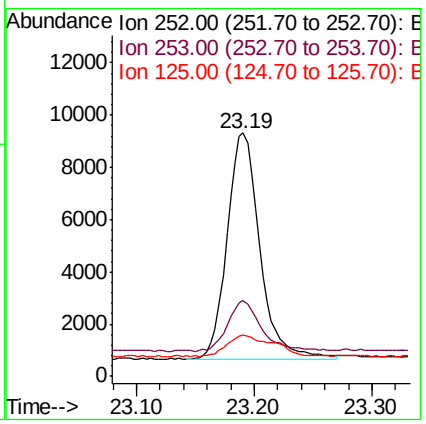


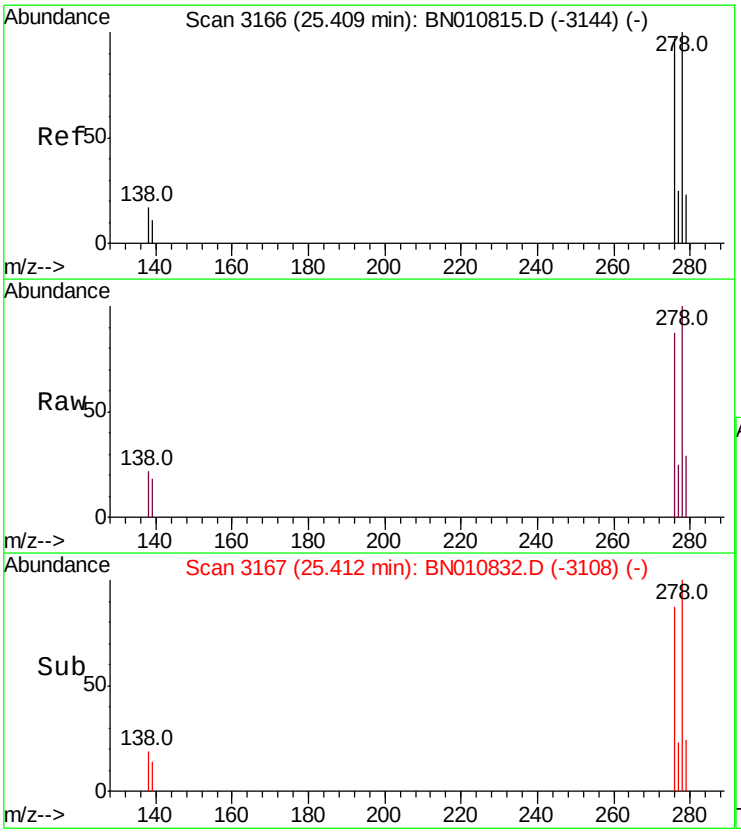
#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 16617

Ion	Ratio	Lower	Upper
252	100		
253	31.0	25.8	38.8
125	16.9	12.4	18.6

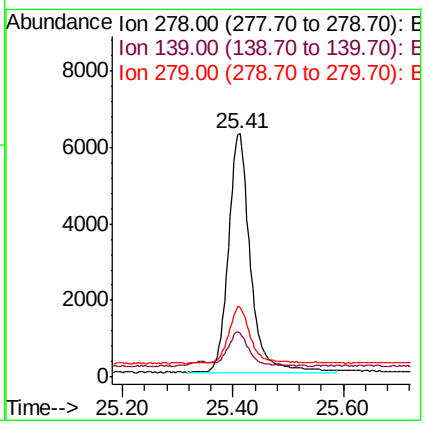


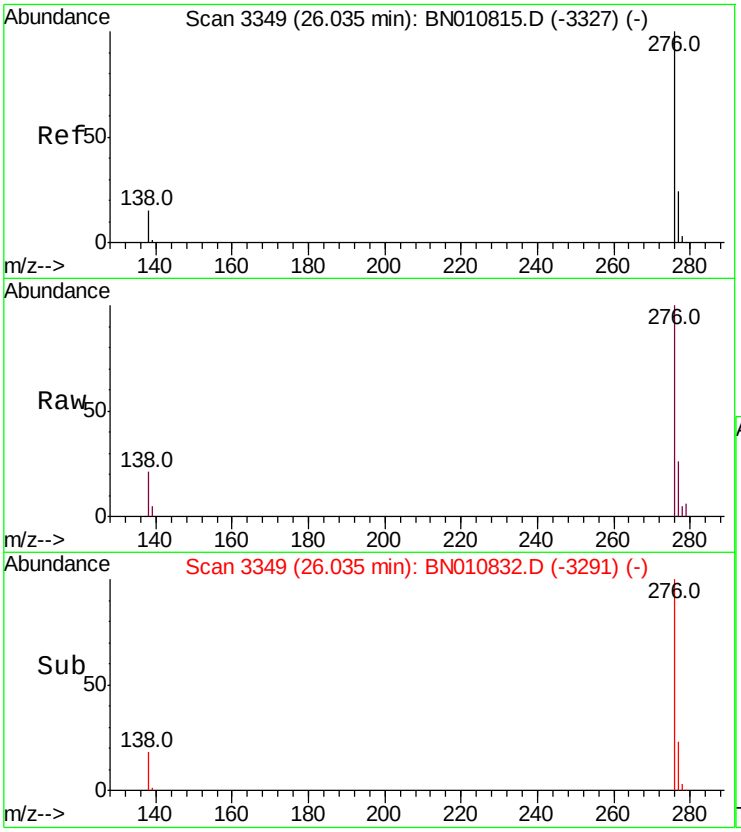


#38
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 25.41 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Tgt Ion:278 Resp: 17325

Ion	Ratio	Lower	Upper
278	100		
139	18.0	10.6	15.8#
279	28.7	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.365 ng
RT: 26.04 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BN010832.D
Acq: 11 Jun 2020 00:03

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 17518

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.5	30.7
138	21.0	13.7	20.5#