Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010821.D
Acq On : 10 Jun 2020 17:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 10 18:29:26 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	2261	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	7436	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	4119	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	8397	0.40	ng		0.00
27) Chrysene-d12	21.13	240	7301	0.40	ng		0.00
34) Perylene-d12	23.29	264	7076	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1839	0.42	ng		0.00
5) Phenol-d6	6.75	99	2165	0.42	ng		0.00
8) Nitrobenzene-d5	8.69	82	2337	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.90	152	4892	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	559	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	6860	0.42	ng		0.00
25) Fluoranthene-d10	18.97	212	9391	0.41	ng		0.00
29) Terphenyl-d14	19.58	244	7311	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	945	0.427	ng		97
3) n-Nitrosodimethylamine	3.56	42	441	0.343	ng	#	92
6) bis(2-Chloroethyl)ether	7.00	93	2013	0.402	ng		98
9) Naphthalene	10.35	128	7960	0.426	ng		99
10) Hexachlorobutadiene	10.66	225	1939	0.420	ng	#	99
12) 2-Methylnaphthalene	11.98	142	5191	0.415	ng		99
16) Acenaphthylene	13.89	152	6747	0.400	ng		100
17) Acenaphthene	14.24	154	4698	0.408	ng		99
18) Fluorene	15.24	166	6041	0.407	ng		98
20) 4-Bromophenyl-phenylether	16.14	248	2073	0.411	ng		97
21) Hexachlorobenzene	16.24	284	2190	0.416	ng		99
22) Pentachlorophenol	16.59	266	672	0.380	ng		97
23) Phenanthrene	16.96	178	9467	0.413	ng		99
24) Anthracene	17.06	178	7704	0.402	ng		99
26) Fluoranthene	19.00	202	10407	0.400	ng		100
28) Pyrene	19.36	202	10329	0.428	ng		99
30) Benzo(a)anthracene	21.12	228	8473	0.395	ng		99
31) Chrysene	21.17	228	10770	0.431	ng		97
32) Bis(2-ethylhexyl)phthalate	21.08	149	3035	0.424	ng		95
33) Indeno(1,2,3-cd)pyrene	25.40	276	11579	0.414	ng		99
35) Benzo(b)fluoranthene	22.65	252	9762	0.406	ng		99
36) Benzo(k)fluoranthene	22.69	252	10516	0.410	ng		99
37) Benzo(a)pyrene	23.19	252	8266	0.401	ng		98
38) Dibenzo(a,h)anthracene	25.42	278	9422	0.400	ng		100
39) Benzo(g,h,i)perylene	26.04	276	9900	0.402	ng		100

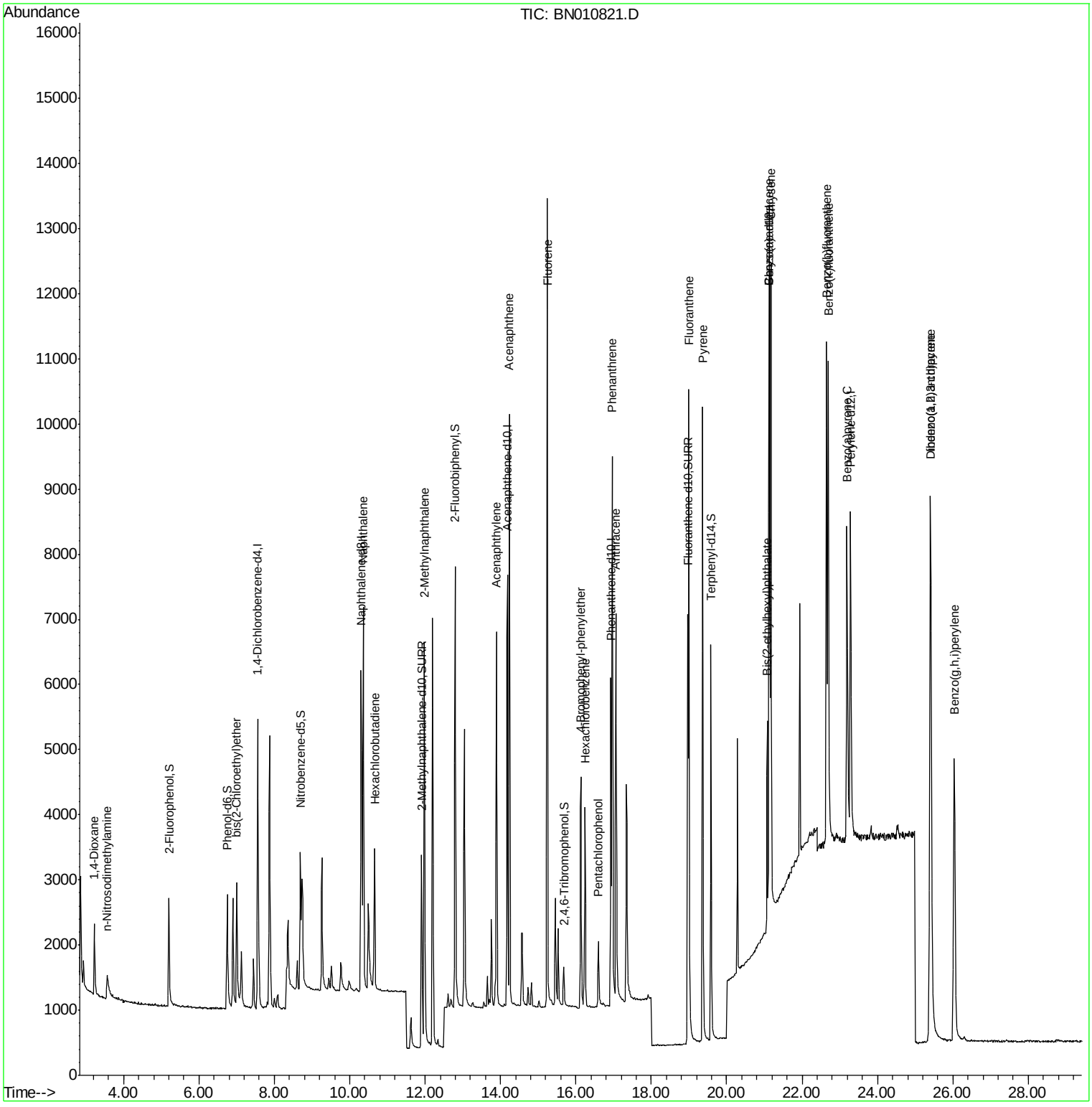
(#) = qualifier out of range (m) = manual integration (+) = signals summed

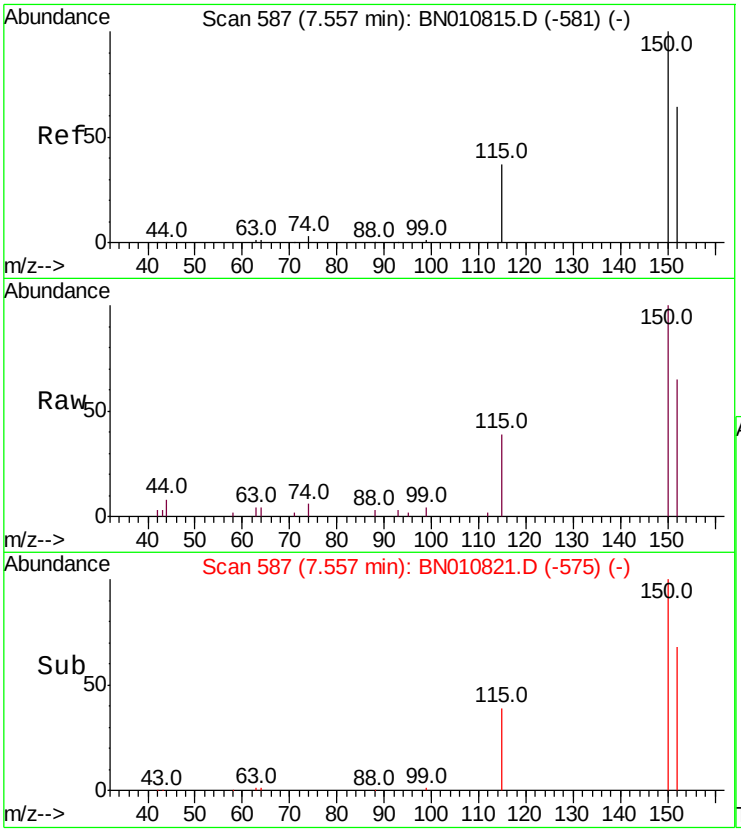
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010821.D
Acq On : 10 Jun 2020 17:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 10 18:29:26 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



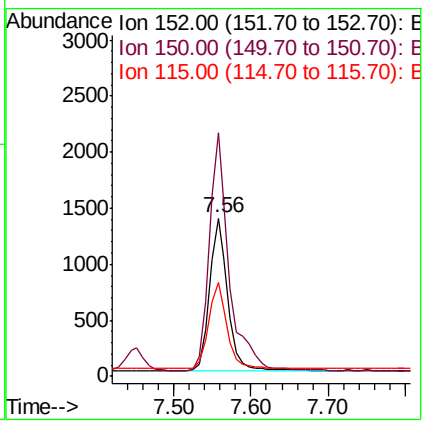


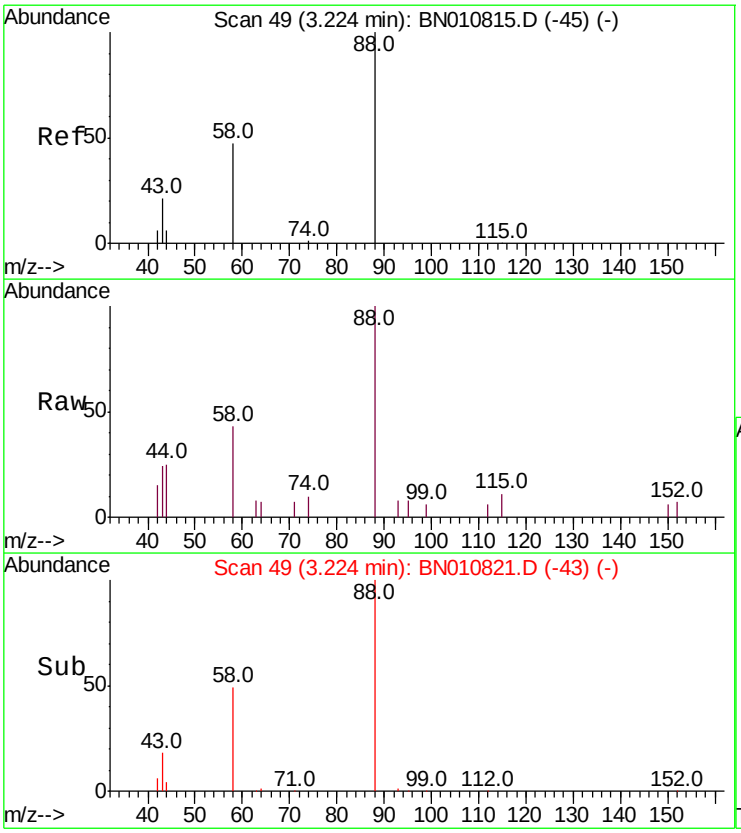
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2261

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.8	185.6
115	59.7	49.2	73.8

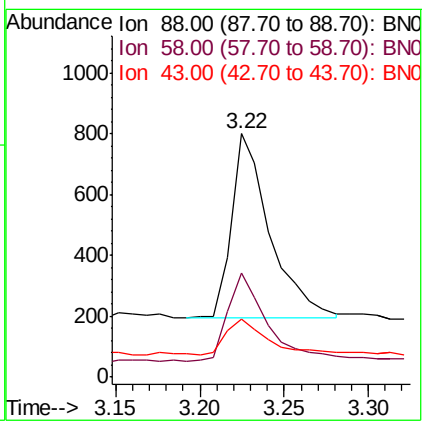


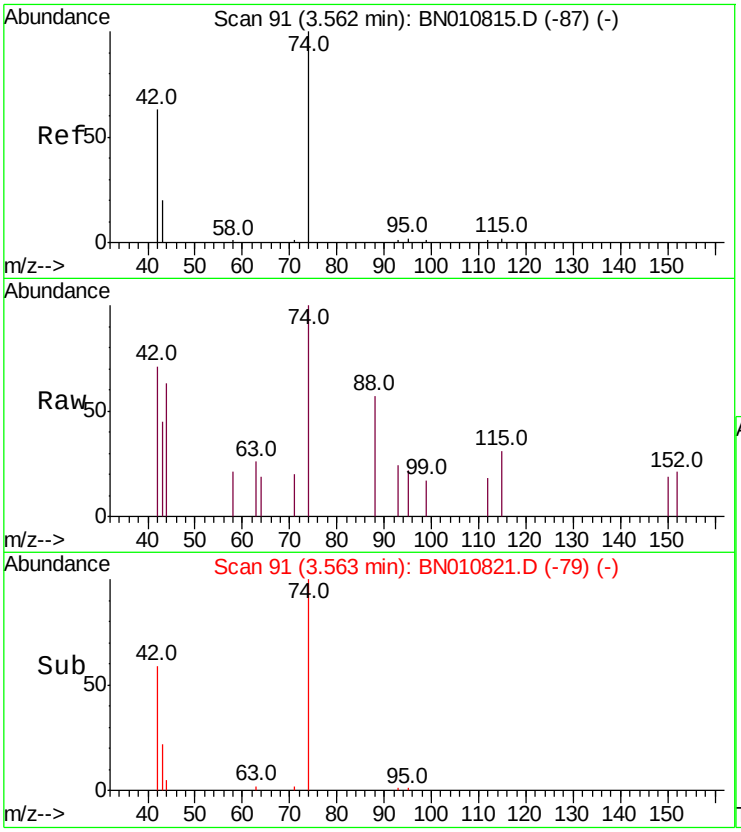


#2
1,4-Dioxane
Concen: 0.427 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion: 88 Resp: 945

Ion	Ratio	Lower	Upper
88	100		
58	49.6	38.2	57.4
43	20.3	15.1	22.7



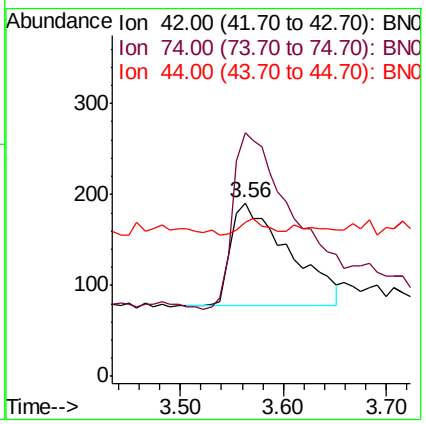


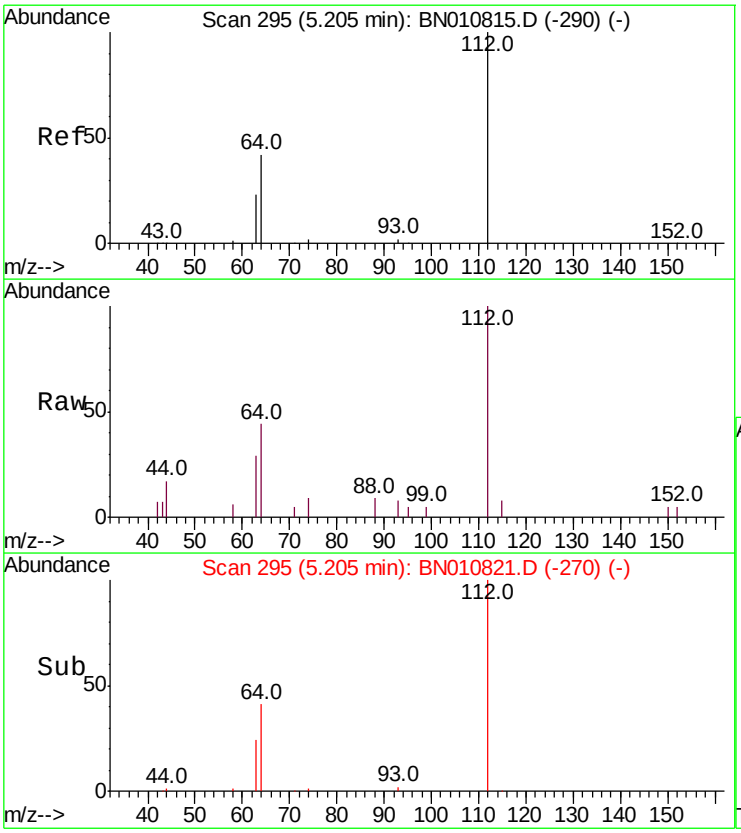
#3
n-Nitrosodimethylamine
Concen: 0.343 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 441

Ion	Ratio	Lower	Upper
42	100		
74	187.3	140.7	211.1
44	6.1	1.4	2.2#

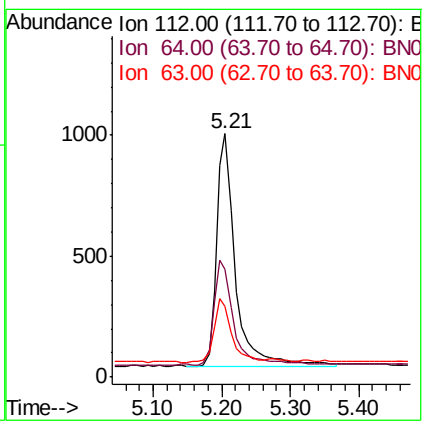


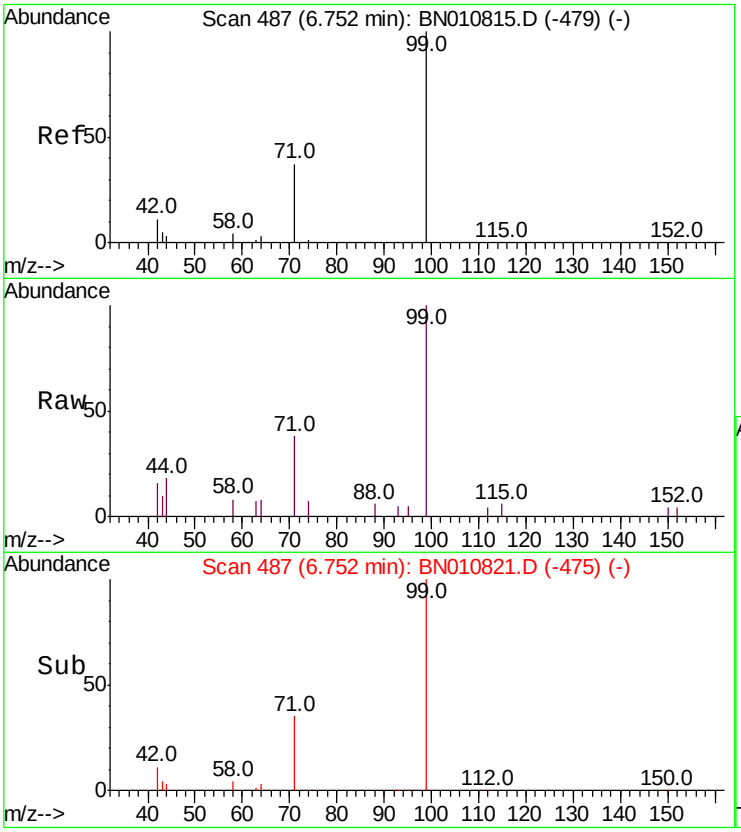


#4
2-Fluorophenol
Concen: 0.421 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:112 Resp: 1839

Ion	Ratio	Lower	Upper
112	100		
64	46.6	37.4	56.0
63	26.3	22.2	33.4



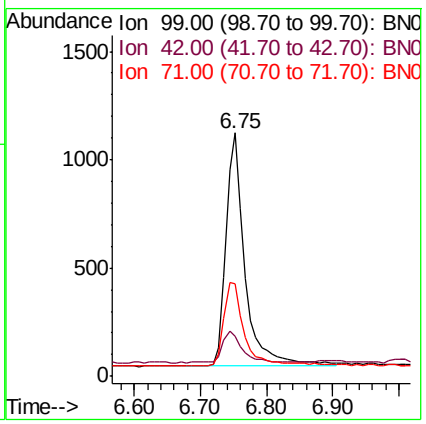


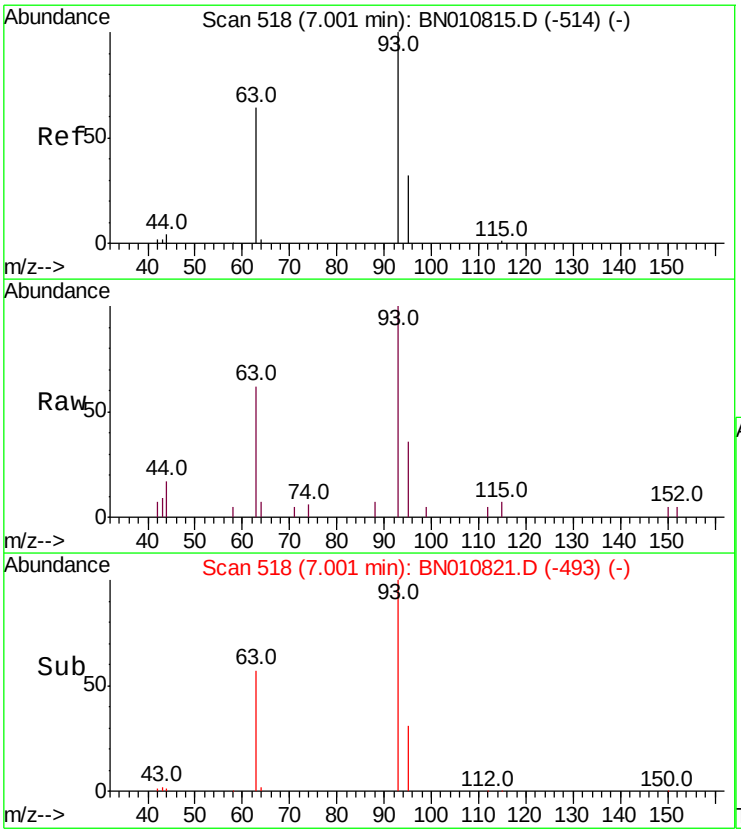
#5
Phenol-d6
Concen: 0.421 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2165

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.1	16.7
71	38.8	31.4	47.2

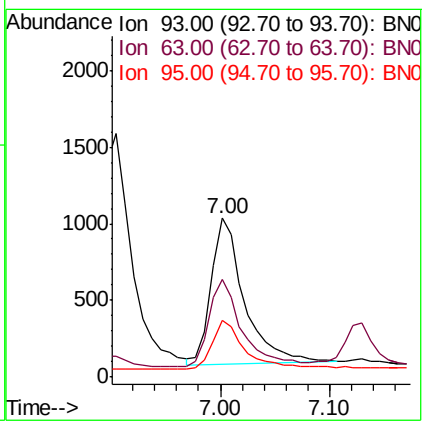


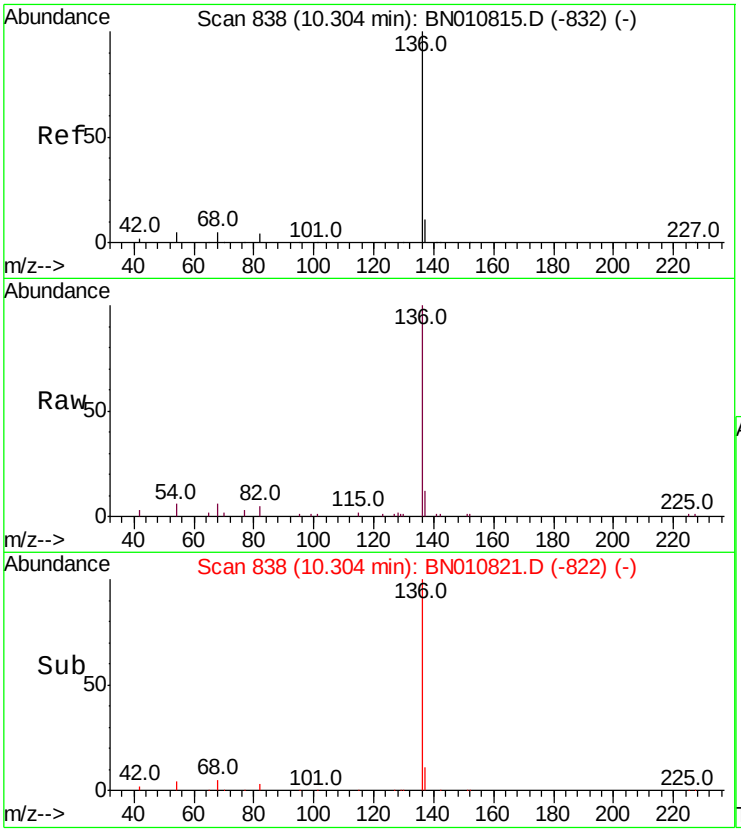


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion: 93 Resp: 2013

Ion	Ratio	Lower	Upper
93	100		
63	61.3	49.4	74.2
95	36.2	26.7	40.1



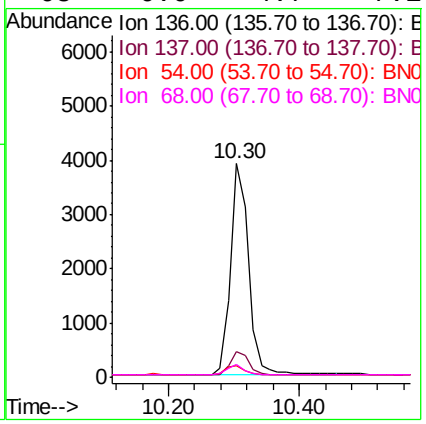


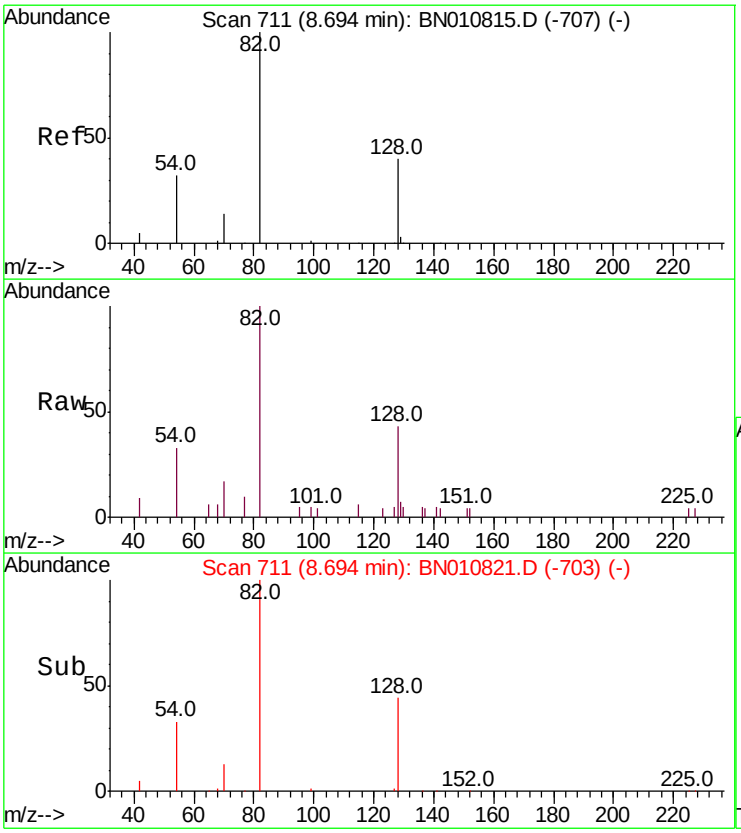
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 7436

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	5.6	4.9	7.3
68	6.0	4.7	7.1

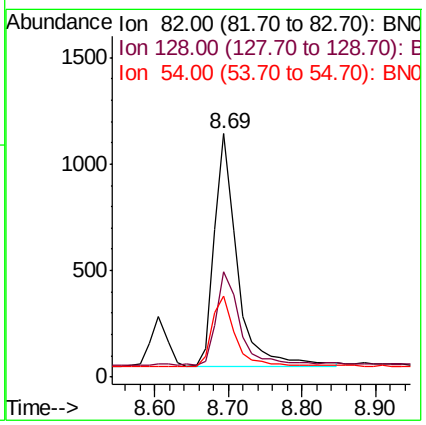


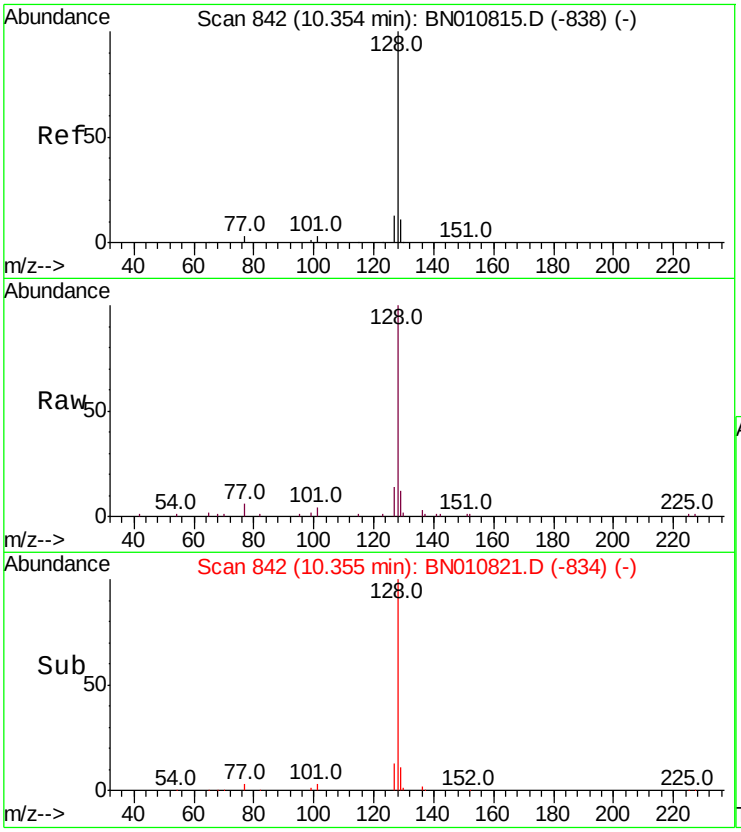


#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion: 82 Resp: 2337

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.4	53.0
54	33.3	28.2	42.4



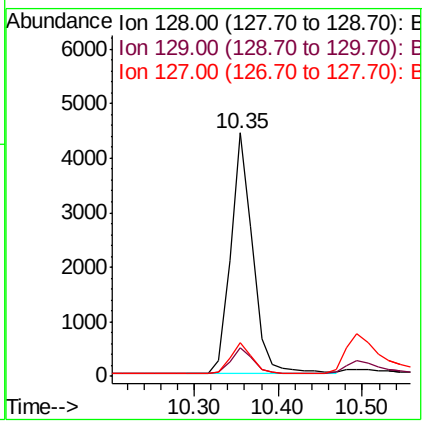


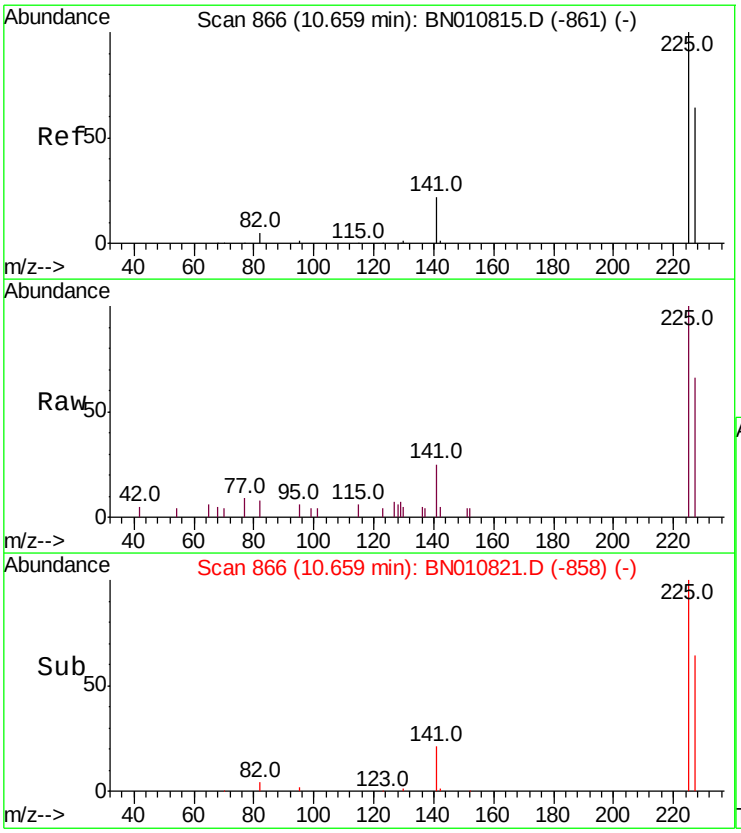
#9
Naphthalene
Concen: 0.426 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 7960

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	14.1	11.4	17.2

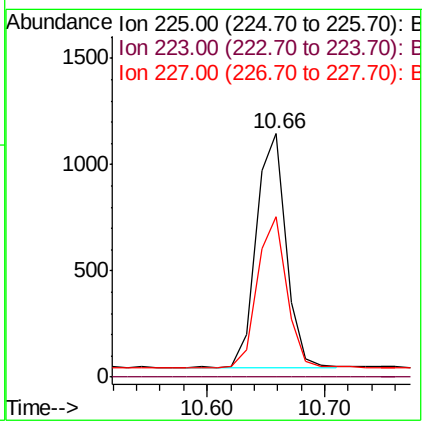


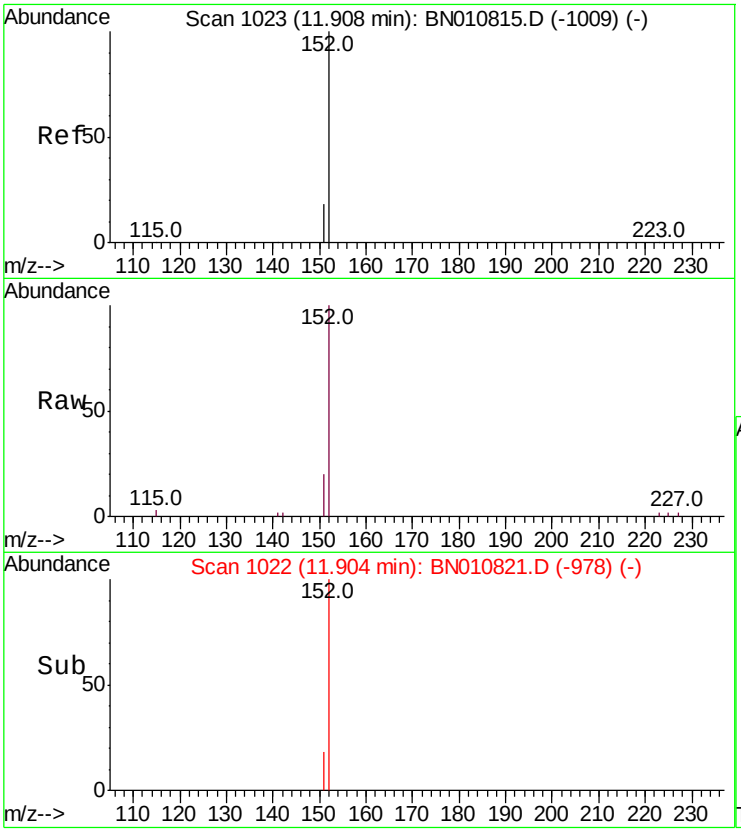


#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.66 min Scan# 866
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:225 Resp: 1939

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



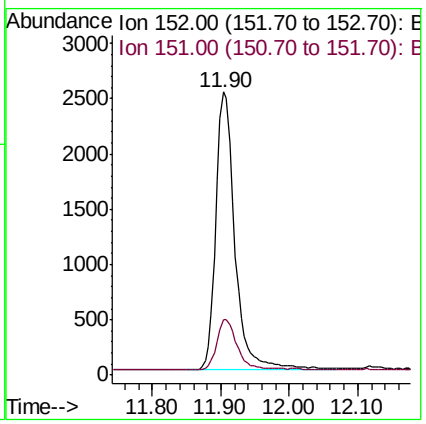


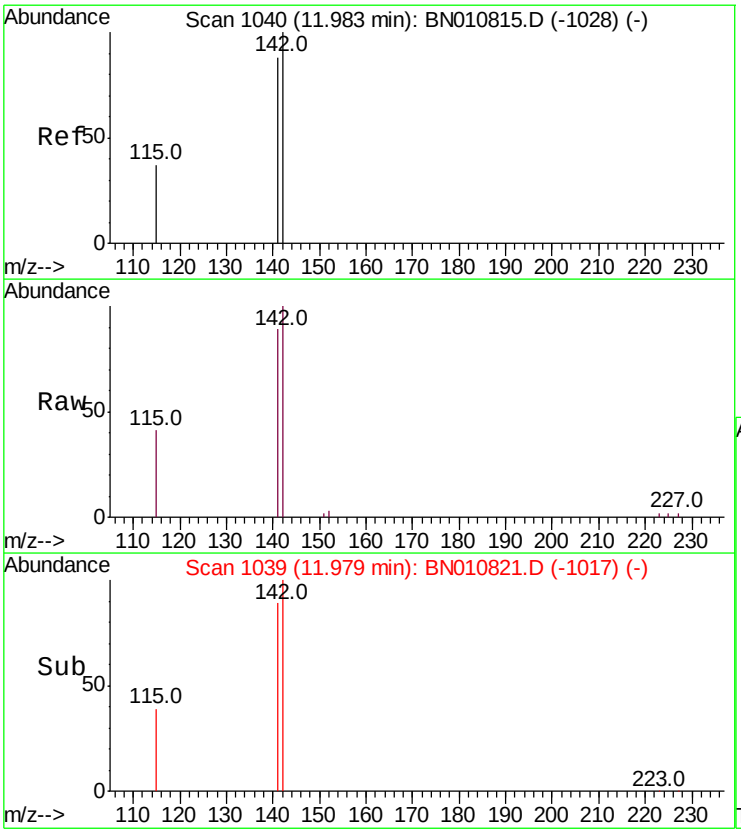
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 11.90 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4892

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

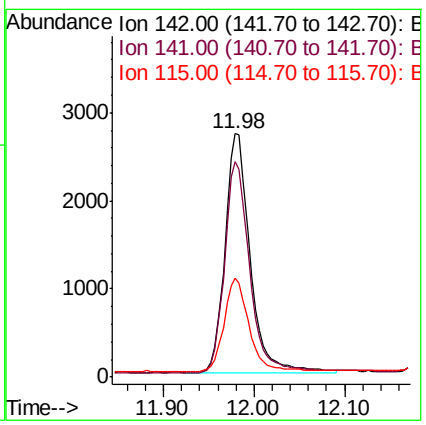


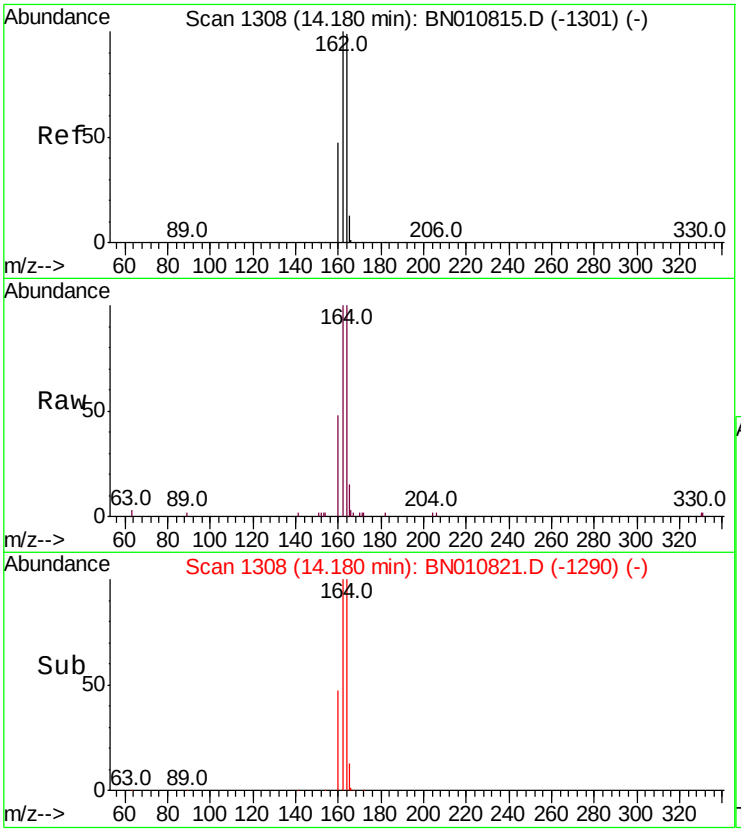


#12
2-Methylnaphthalene
Concen: 0.415 ng
RT: 11.98 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:142 Resp: 5191

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	40.9	31.5	47.3



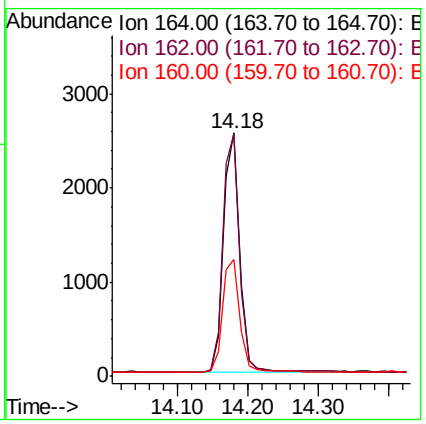


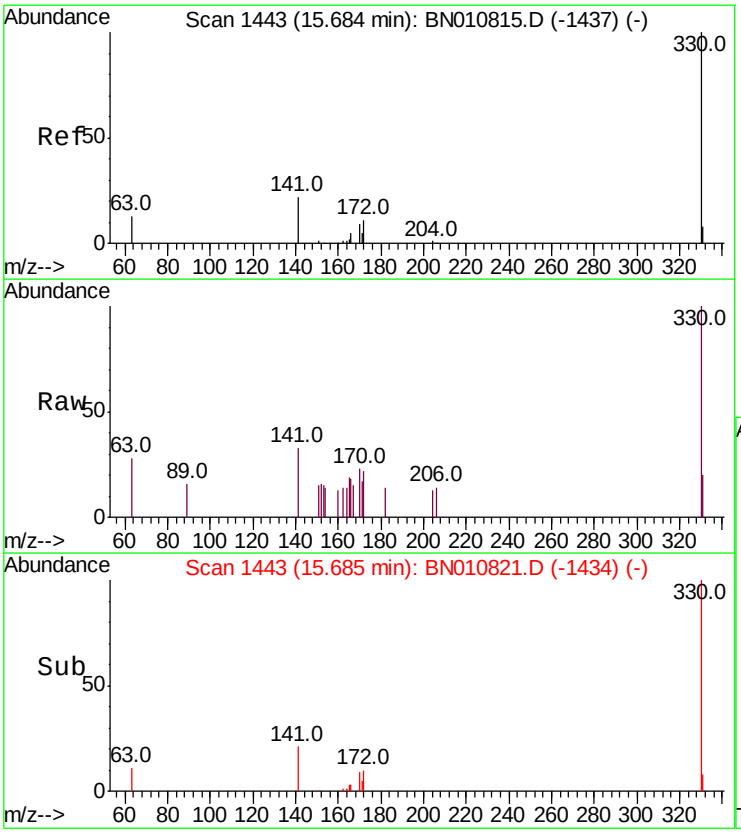
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4119

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.6
160	48.2	38.9	58.3

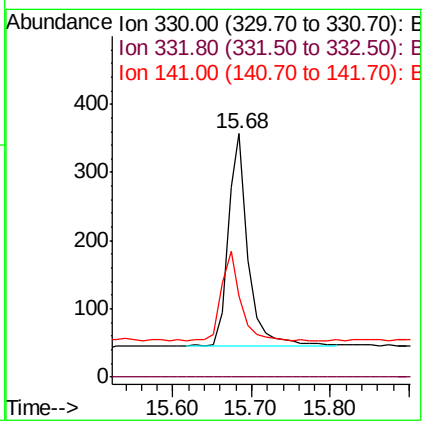


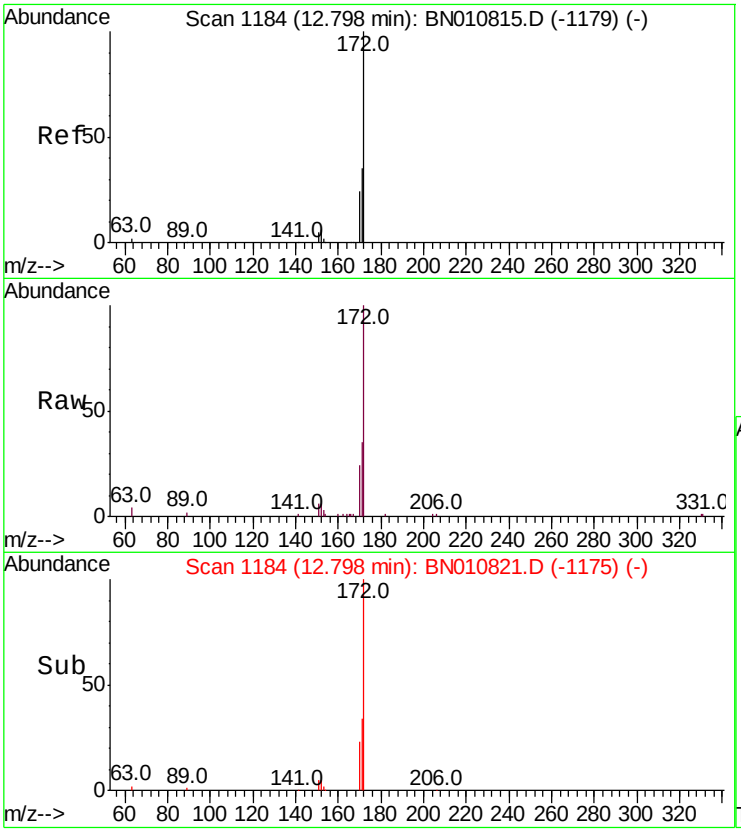


#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:330 Resp: 559

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.6	33.2	49.8



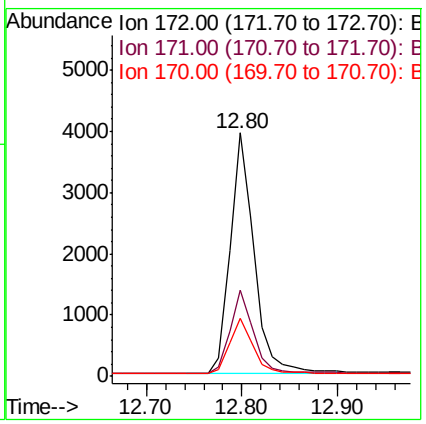


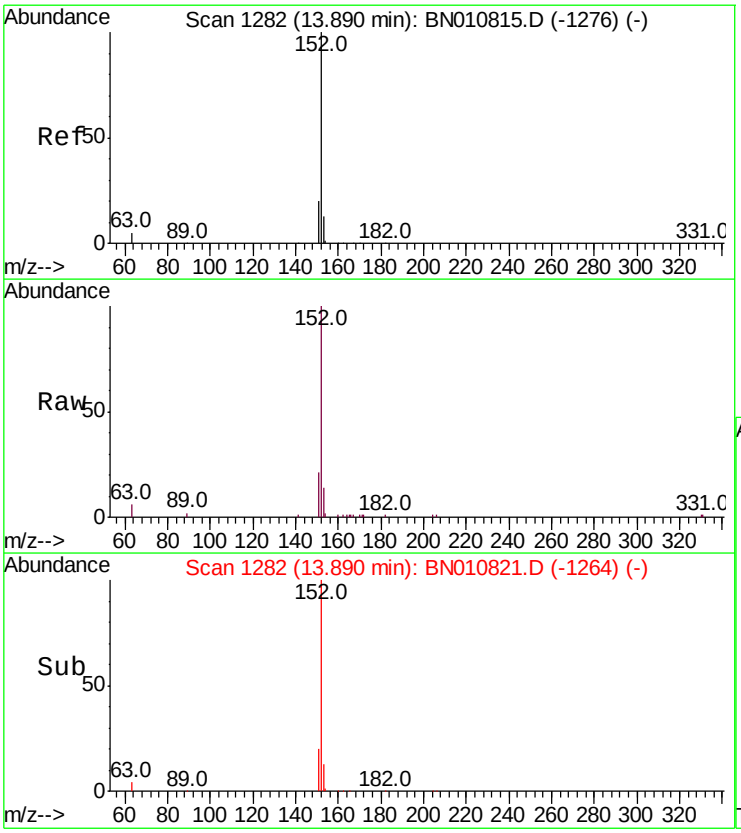
#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6860

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.7	19.7	29.5

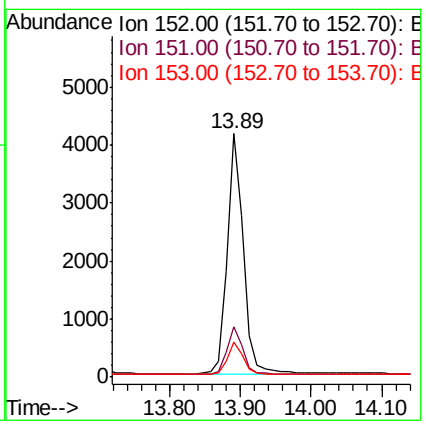


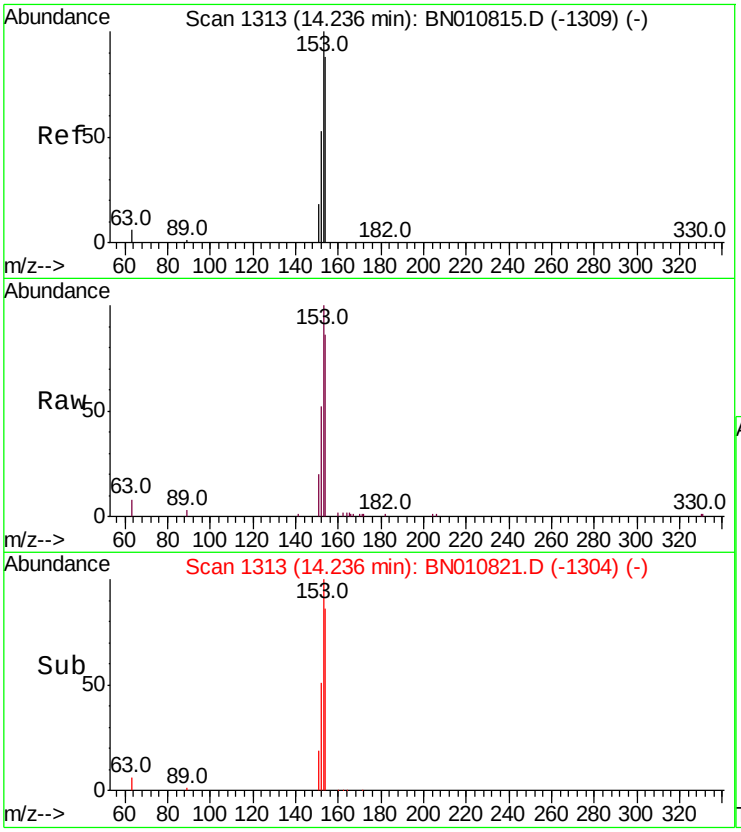


#16
Acenaphthylene
Concen: 0.400 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:152 Resp: 6747

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.2	10.6	16.0



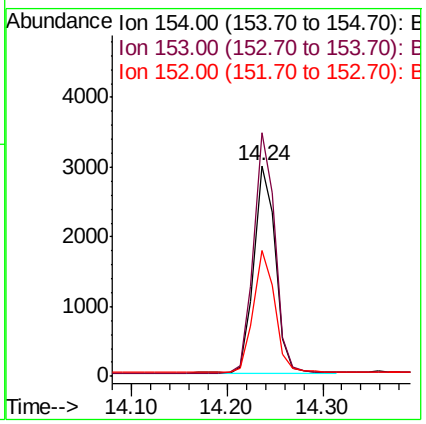


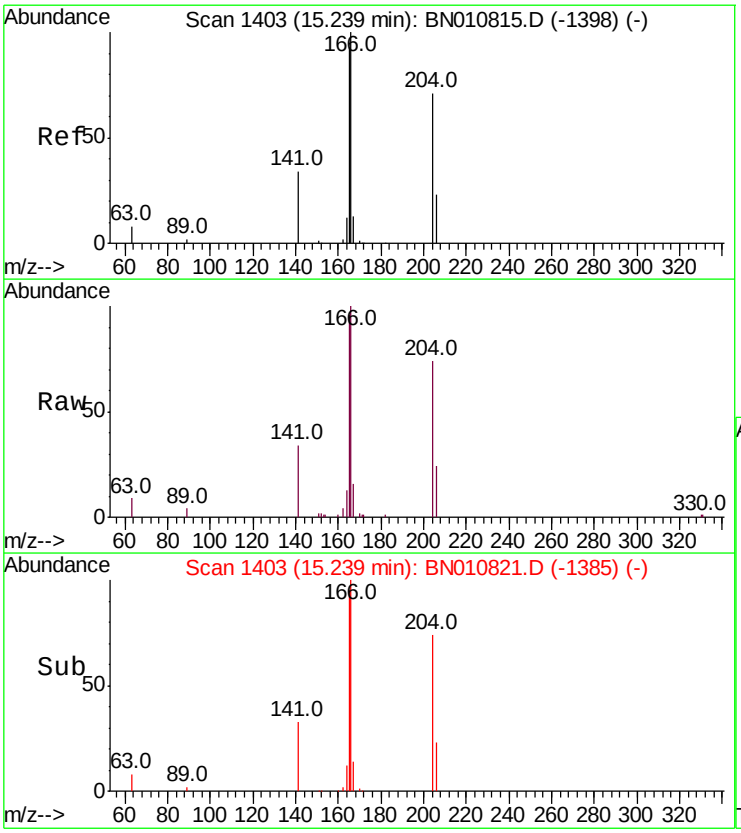
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4698

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.8	137.6
152	58.5	47.6	71.4

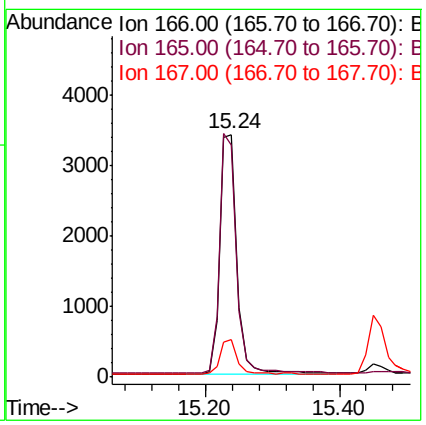


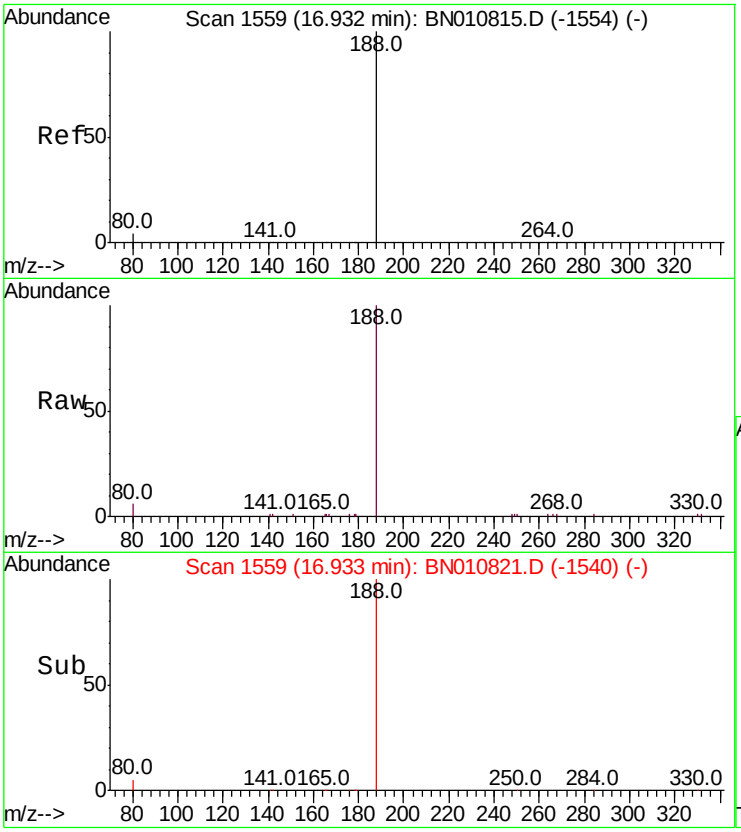


#18
Fluorene
Concen: 0.407 ng
RT: 15.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:166 Resp: 6041

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.2	115.8
167	13.9	10.7	16.1



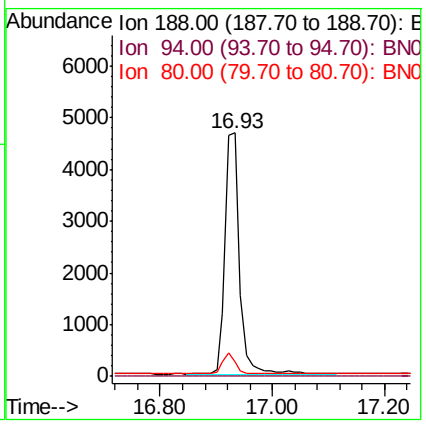


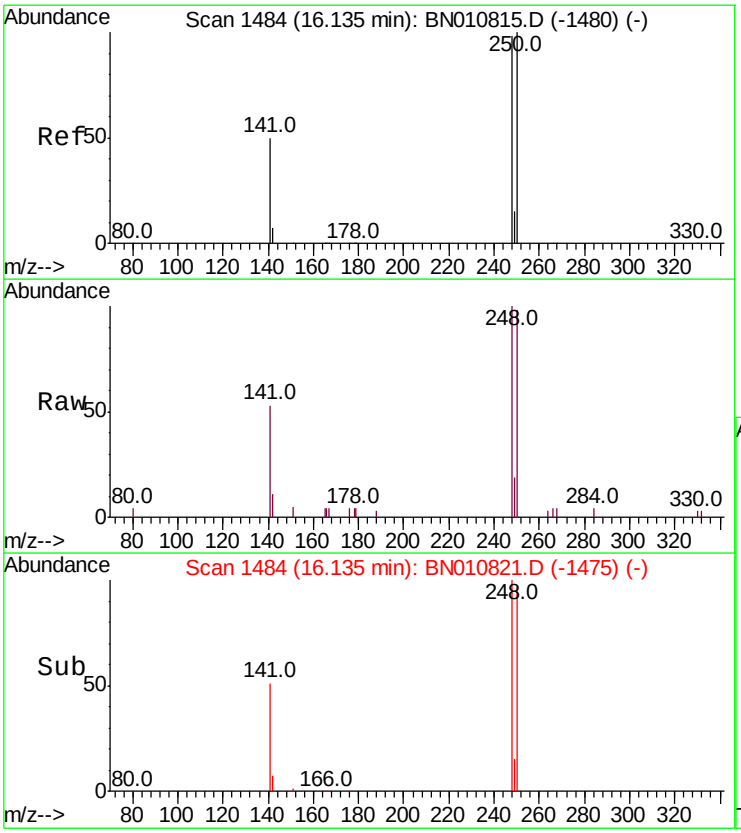
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 8397

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.9	4.5	6.7

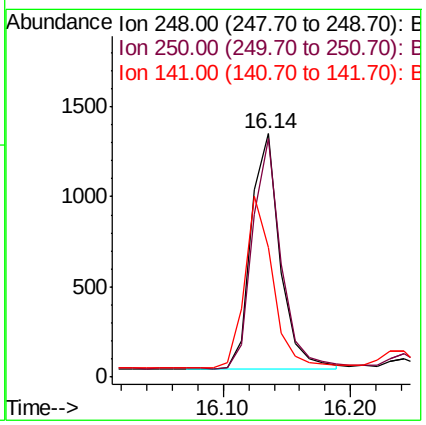


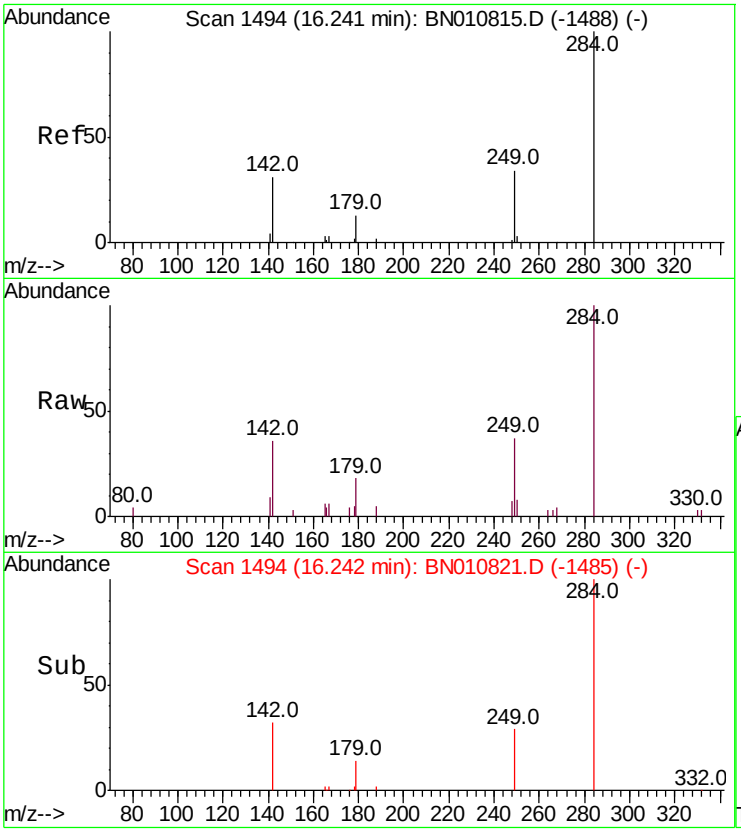


#20
4-Bromophenyl-phenylether
Concen: 0.411 ng
RT: 16.14 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:248 Resp: 2073

Ion	Ratio	Lower	Upper
248	100		
250	97.7	81.8	122.8
141	53.4	42.6	64.0



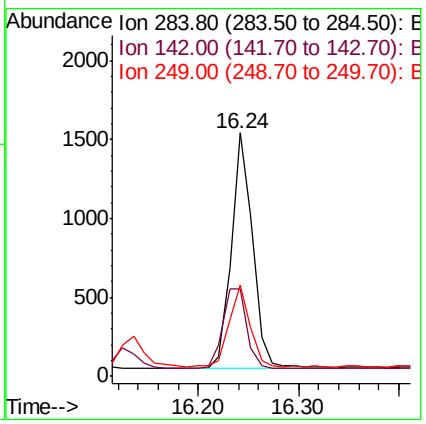


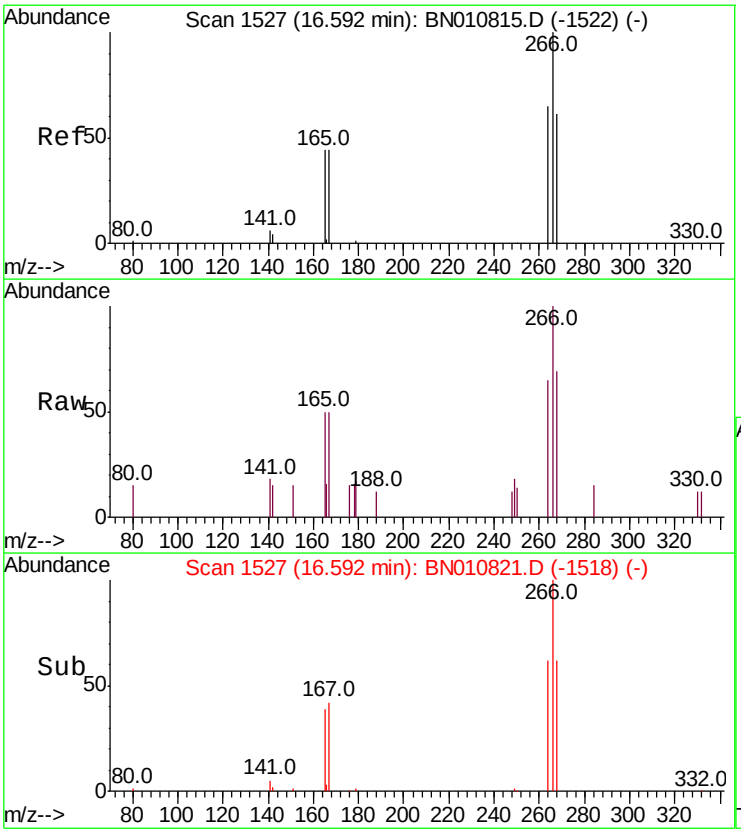
#21
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2190

Ion	Ratio	Lower	Upper
284	100		
142	39.1	31.0	46.4
249	33.7	27.1	40.7

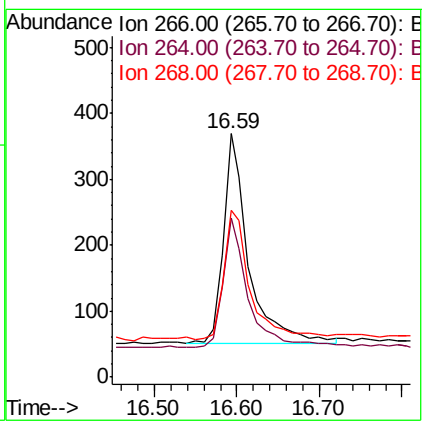


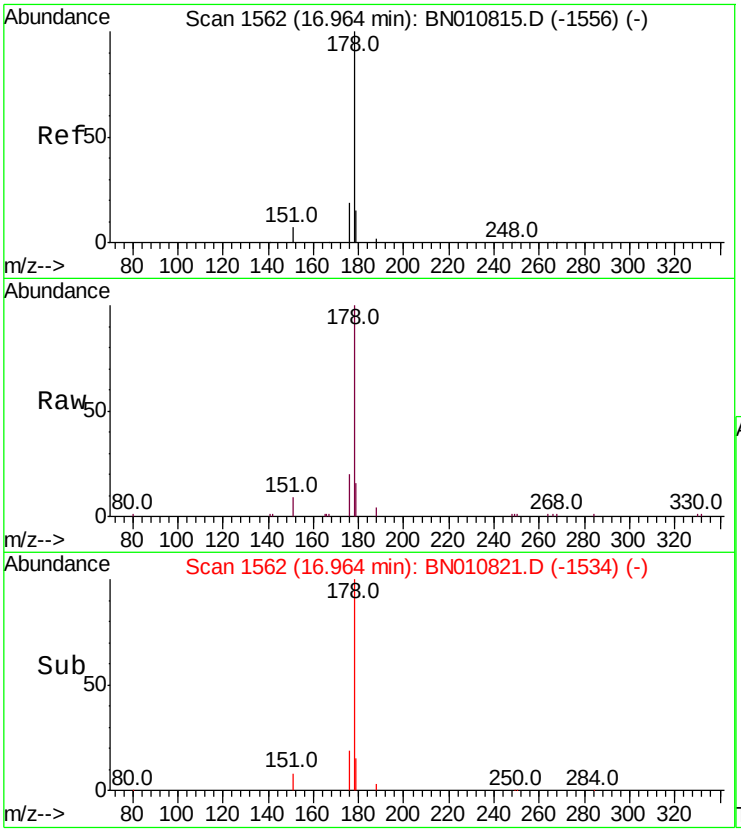


#22
Pentachlorophenol
Concen: 0.380 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:266 Resp: 672

Ion	Ratio	Lower	Upper
266	100		
264	65.3	54.8	82.2
268	68.6	55.9	83.9



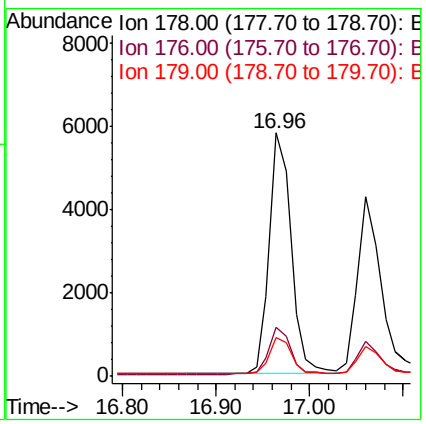


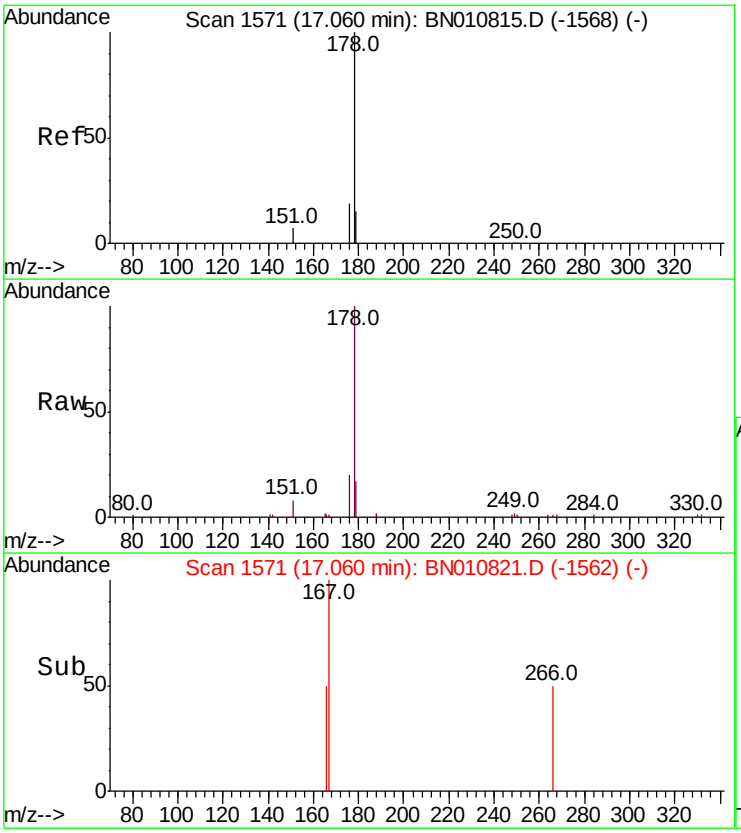
#23
Phenanthrene
Concen: 0.413 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 9467

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.6	19.0

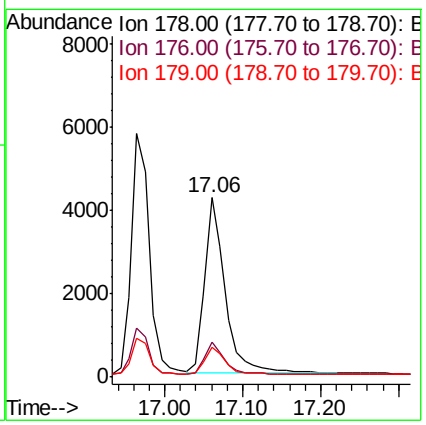


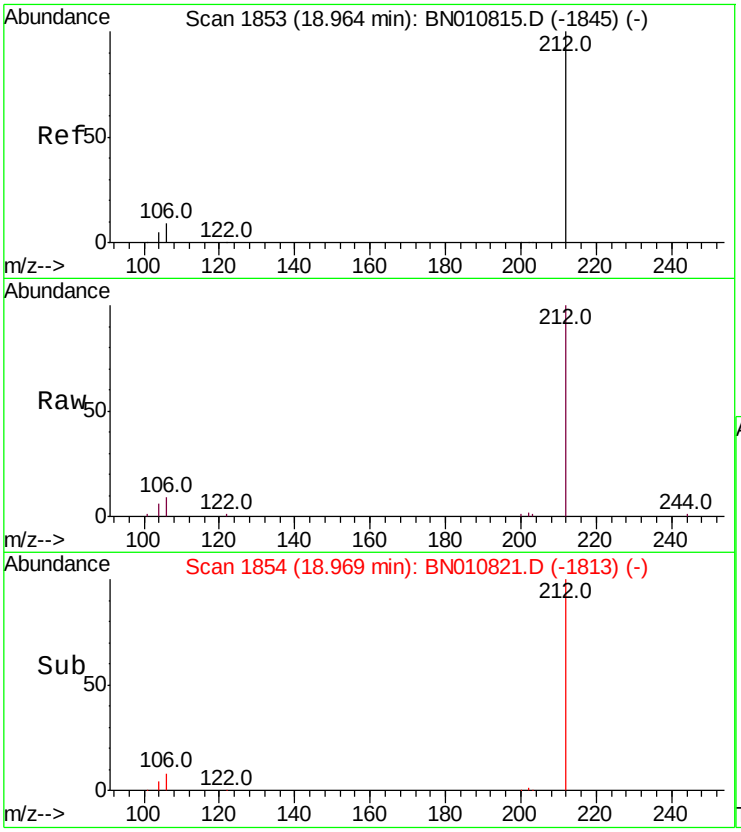


#24
Anthracene
Concen: 0.402 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:178 Resp: 7704

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.0	12.3	18.5



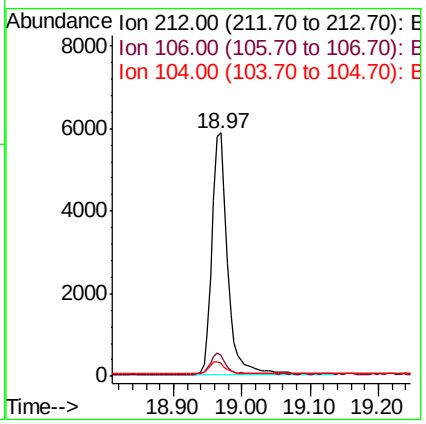


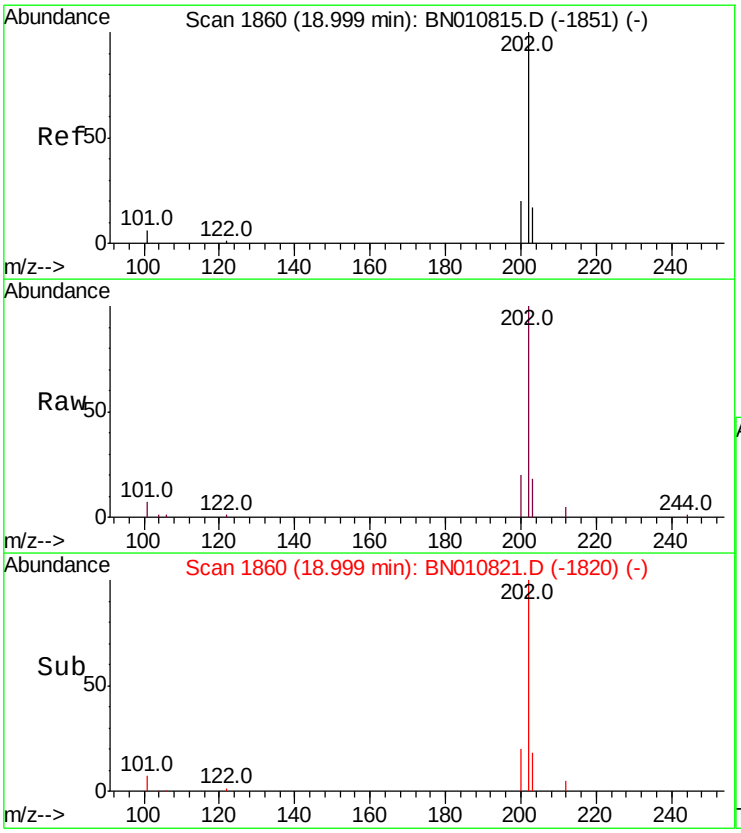
#25
Fluoranthene-d10
Concen: 0.405 ng
RT: 18.97 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 9391

Ion	Ratio	Lower	Upper
212	100		
106	8.5	6.6	10.0
104	4.8	4.0	6.0

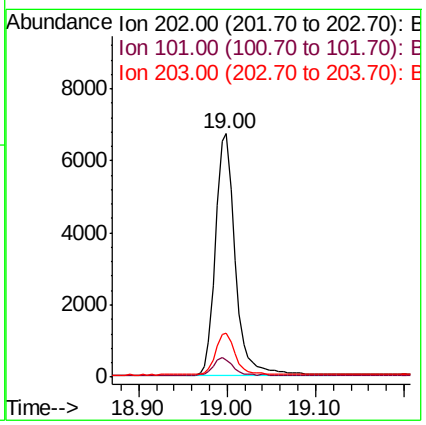


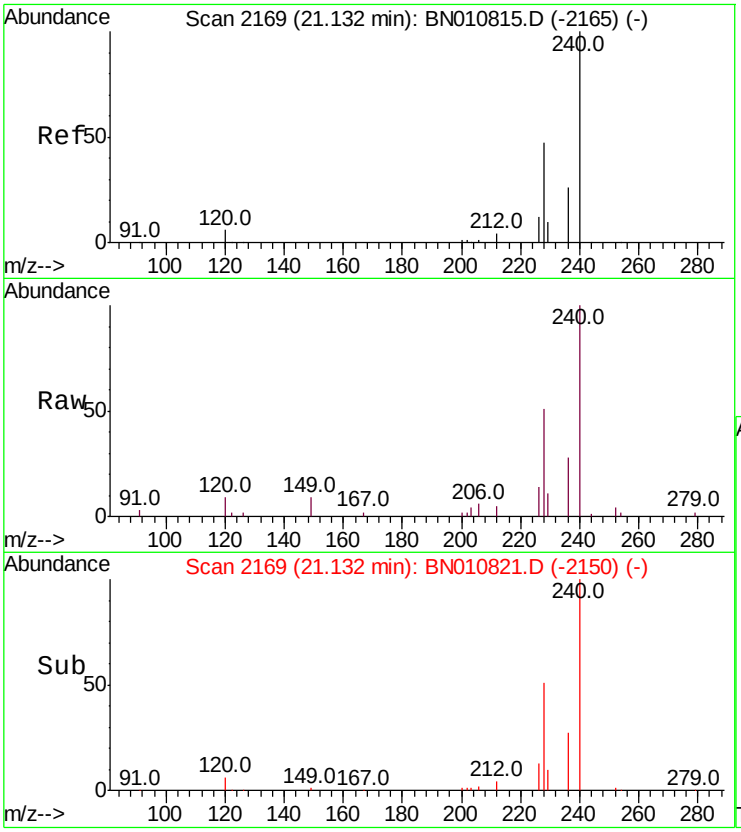


#26
Fluoranthene
Concen: 0.400 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:202 Resp: 10407

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.8	8.6
203	17.2	13.7	20.5



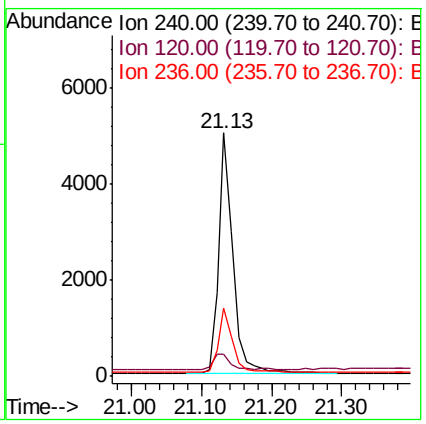


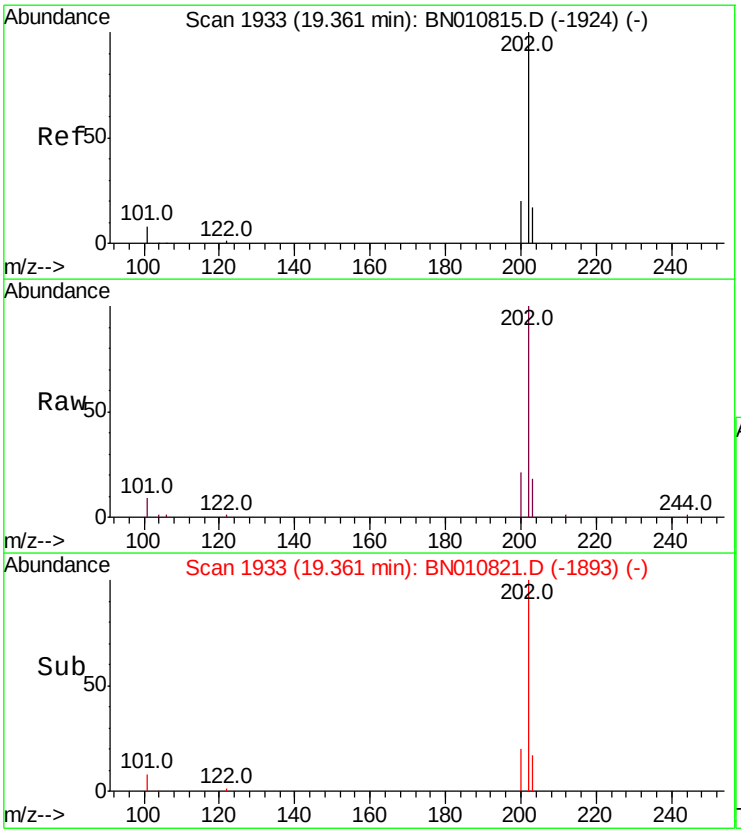
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 7301

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.5	11.3
236	28.0	22.3	33.5

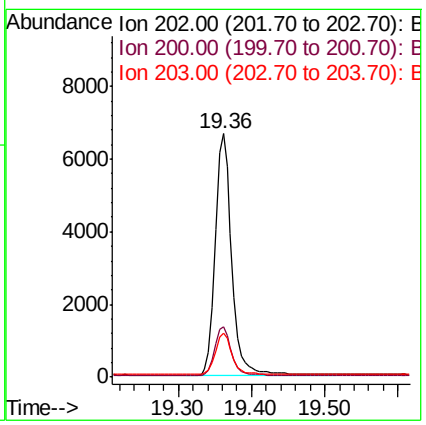


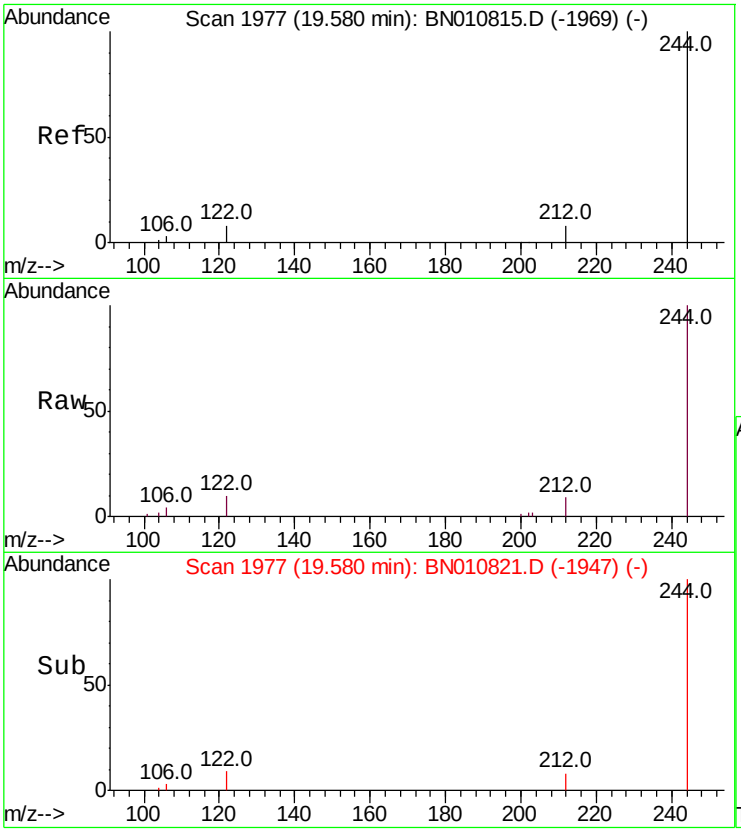


#28
Pyrene
Concen: 0.428 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:202 Resp: 10329

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.5	14.2	21.4



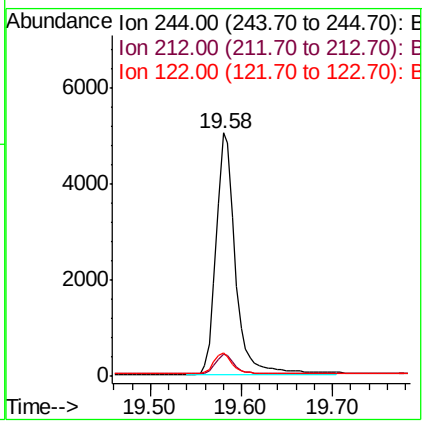


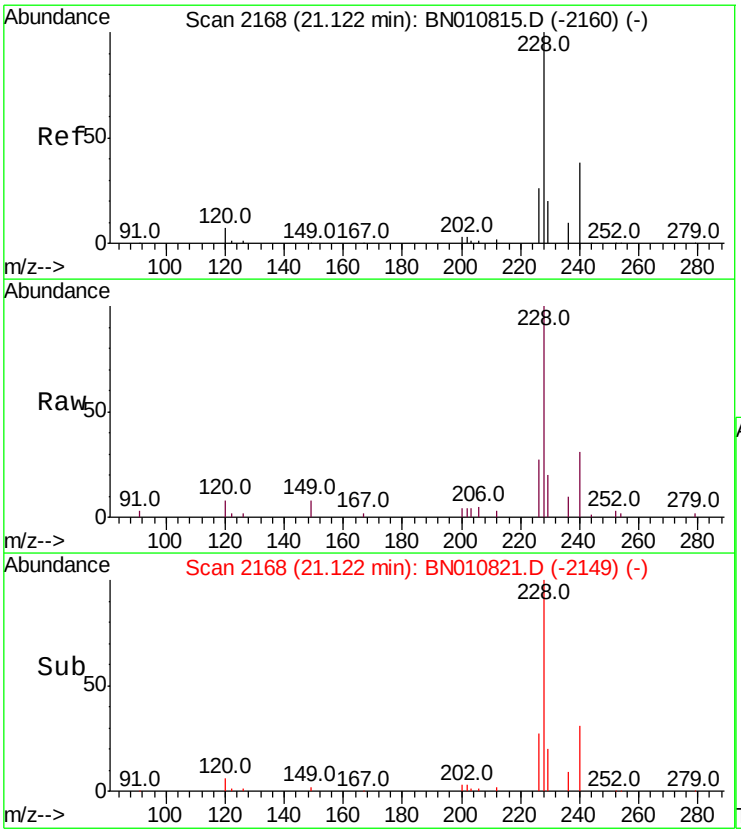
#29
Terphenyl-d14
Concen: 0.428 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 7311

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.2
122	9.7	7.5	11.3

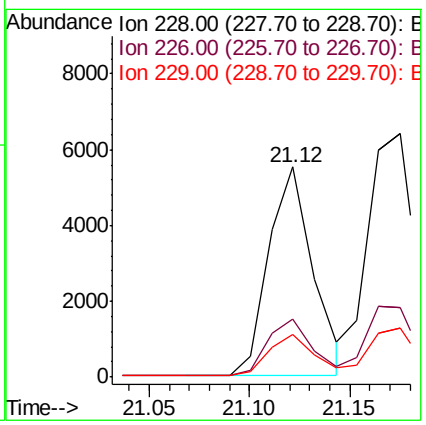


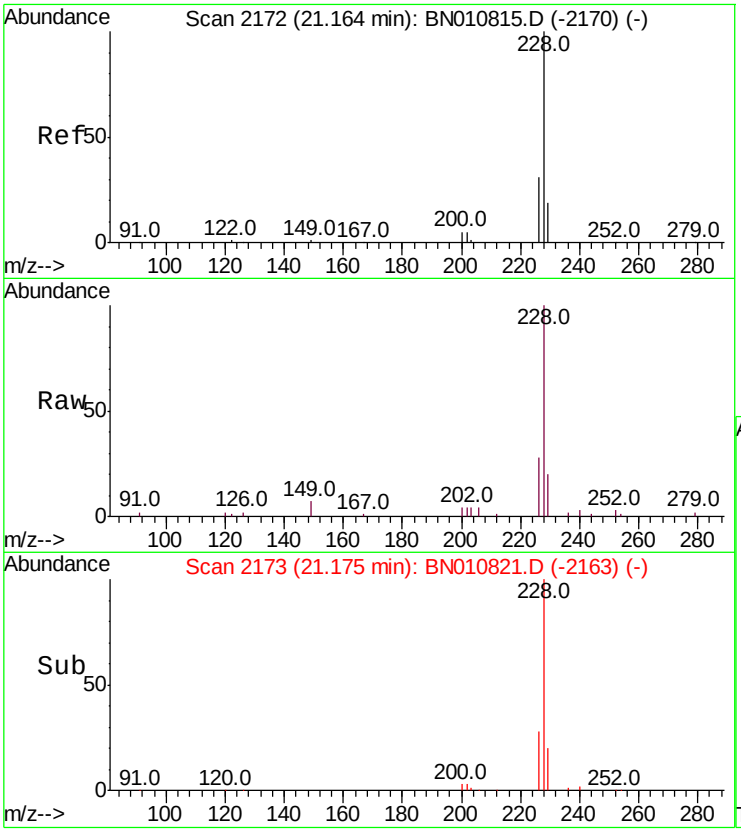


#30
Benzo(a)anthracene
Concen: 0.395 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:228 Resp: 8473

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.3	31.9
229	20.3	16.6	24.8



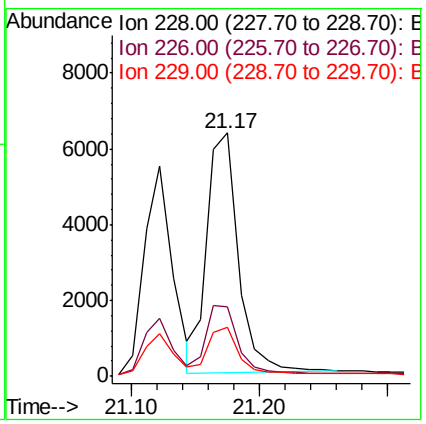


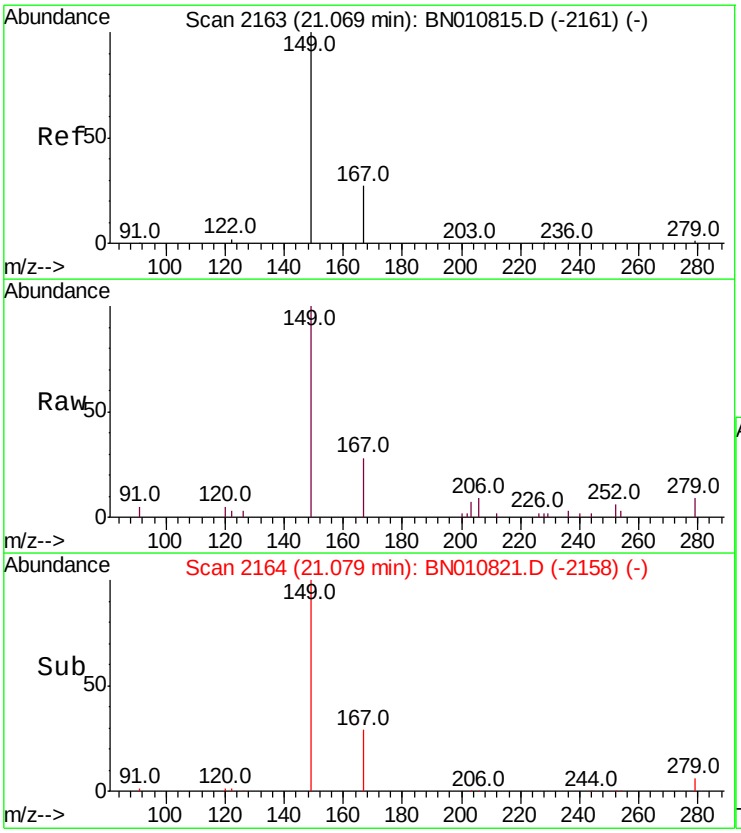
#31
Chrysene
Concen: 0.431 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 10770

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	20.2	16.1	24.1

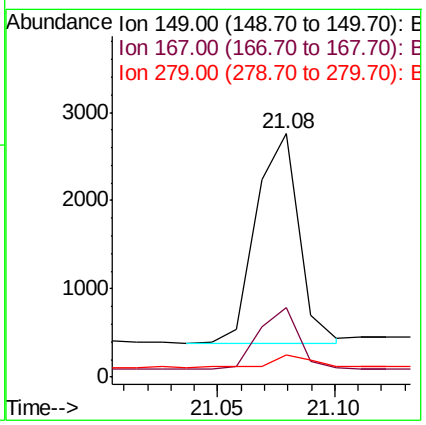


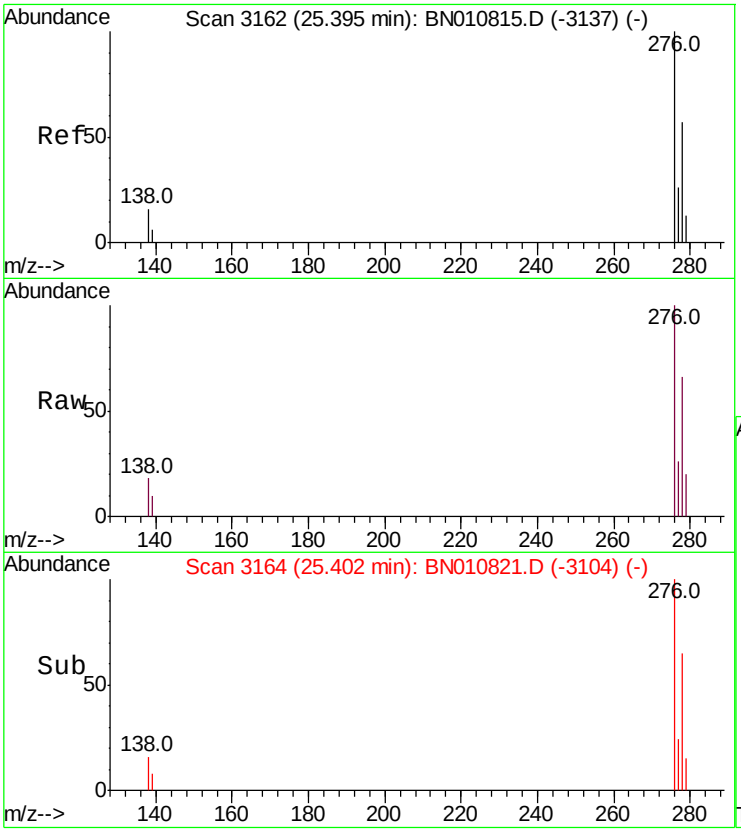


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.424 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:149 Resp: 3035

Ion	Ratio	Lower	Upper
149	100		
167	27.1	24.1	36.1
279	5.9	4.6	7.0



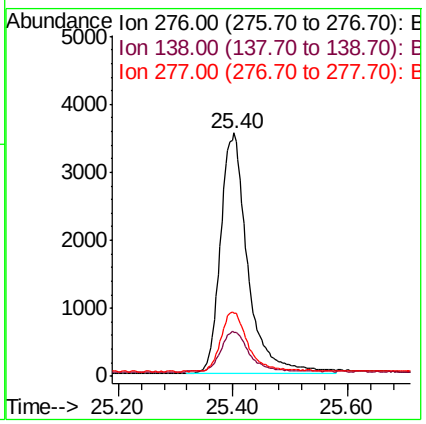


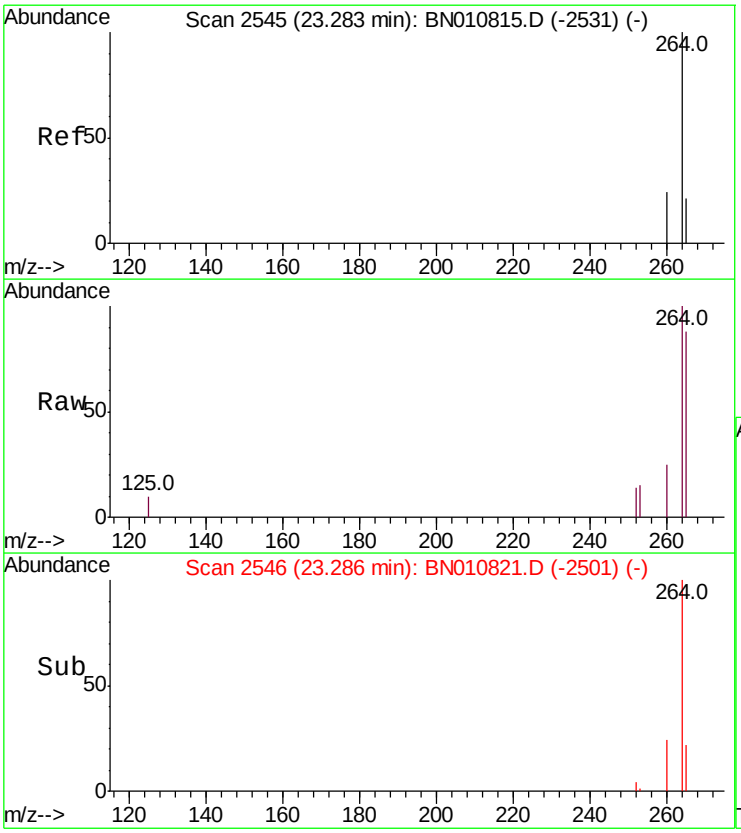
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng
RT: 25.40 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 11579

Ion	Ratio	Lower	Upper
276	100		
138	17.6	13.0	19.6
277	24.7	19.7	29.5

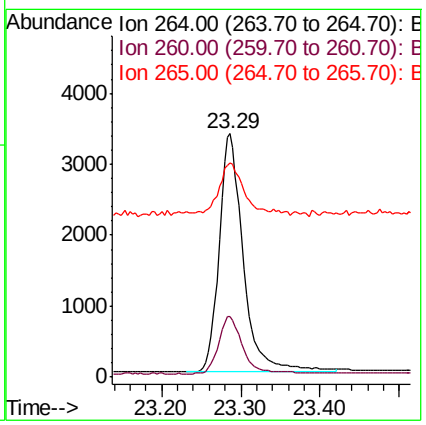


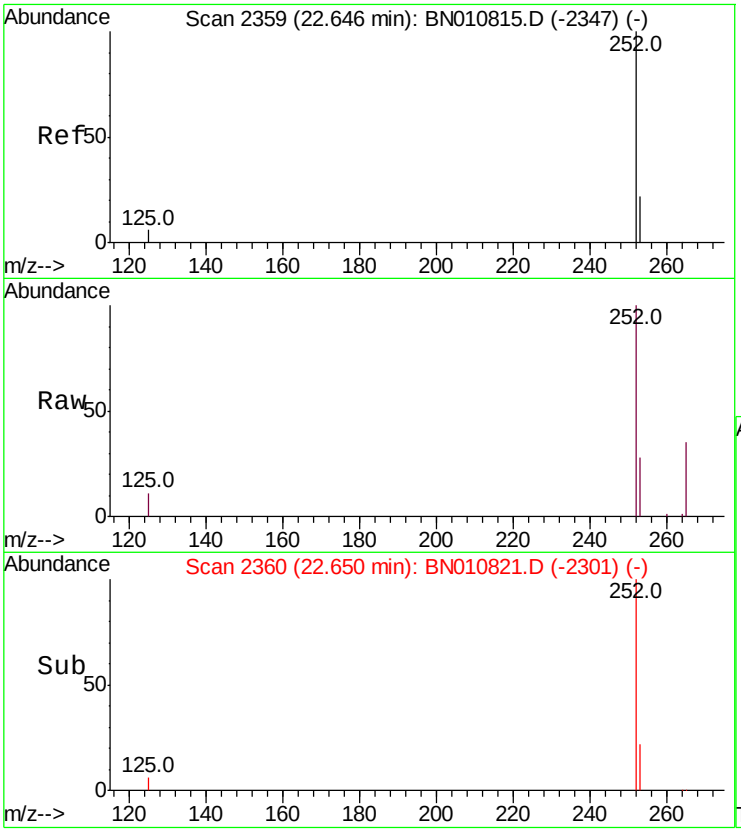


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:264 Resp: 7076

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	87.8	75.0	112.4



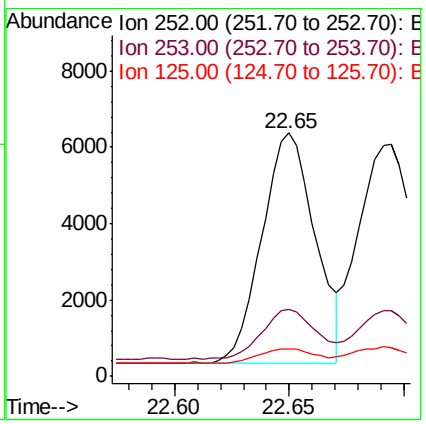


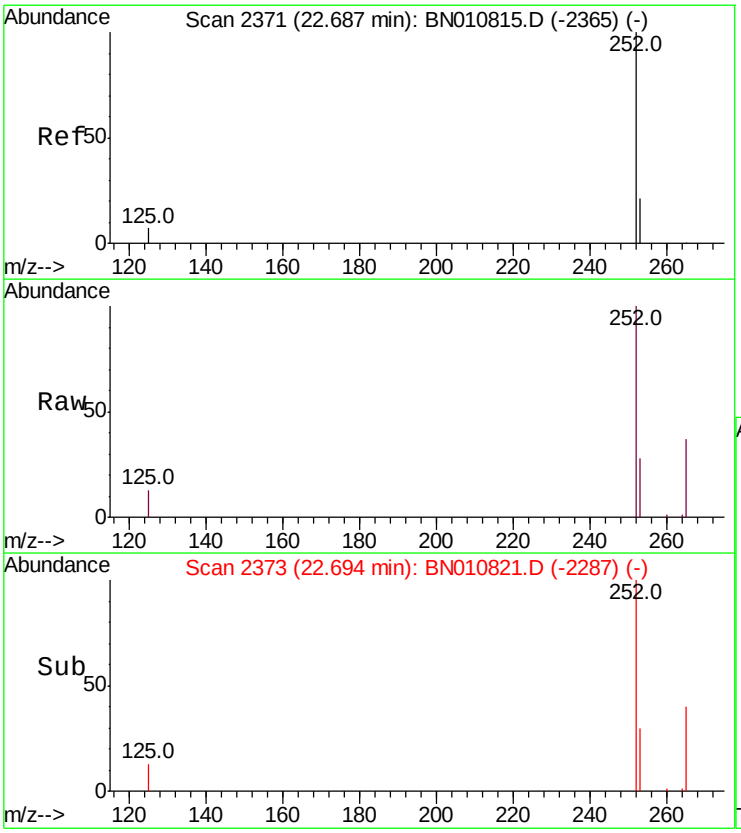
#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9762

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.4	33.6
125	11.4	9.4	14.0

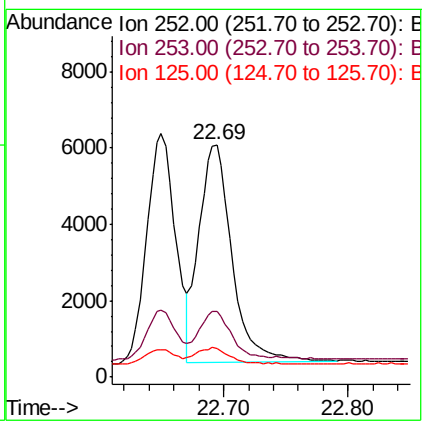


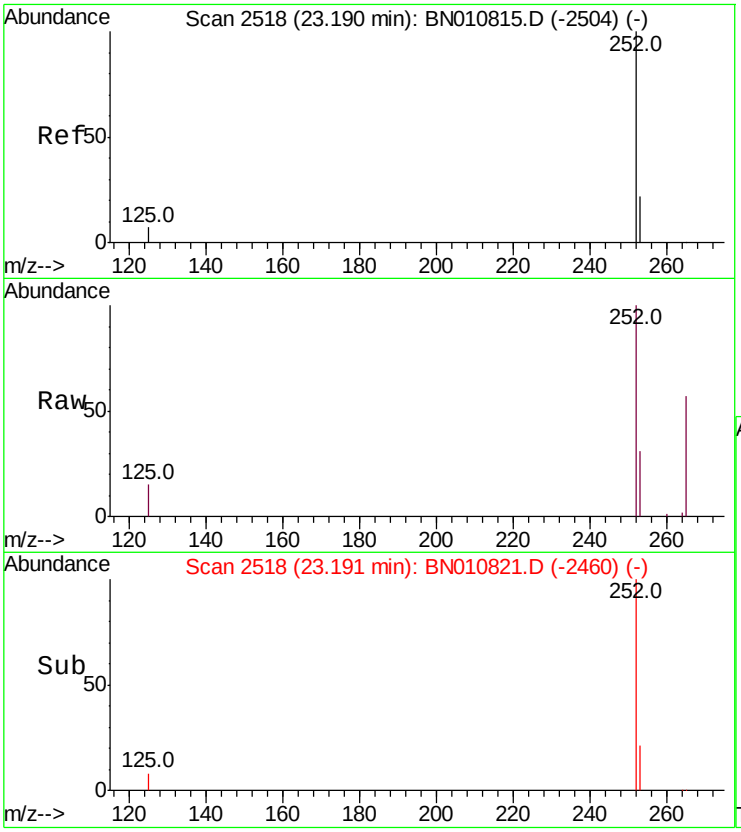


#36
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:252 Resp: 10516

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.2	33.4
125	12.6	9.8	14.8



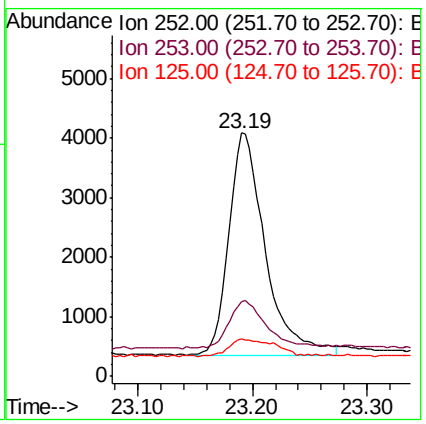


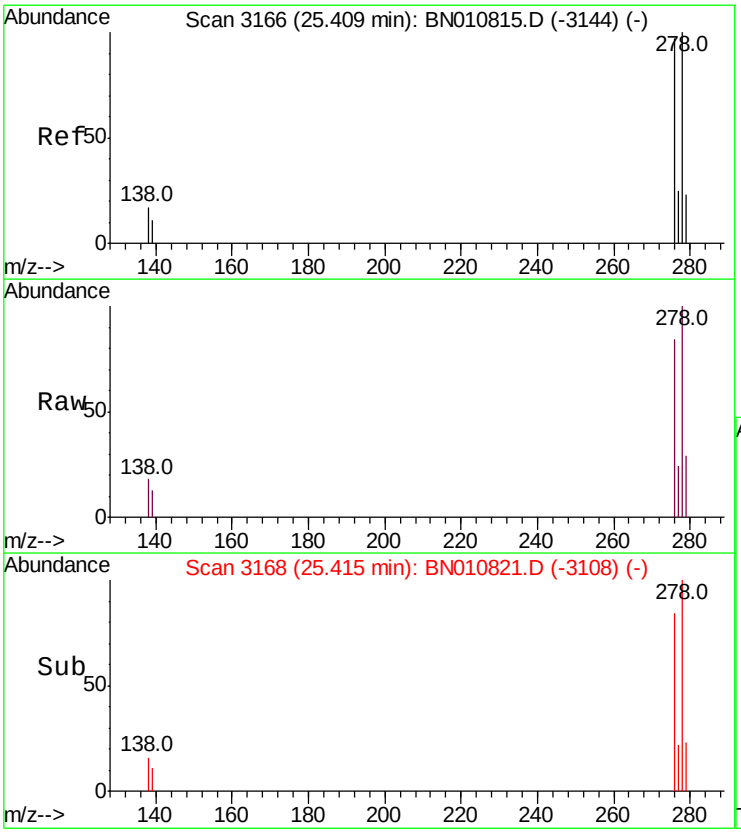
#37
Benzo(a)pyrene
Concen: 0.401 ng
RT: 23.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8266

Ion	Ratio	Lower	Upper
252	100		
253	30.7	25.8	38.8
125	15.4	12.4	18.6

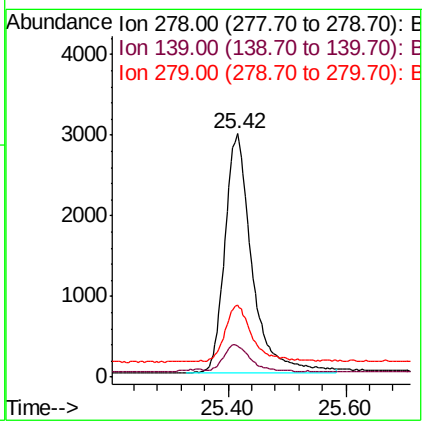


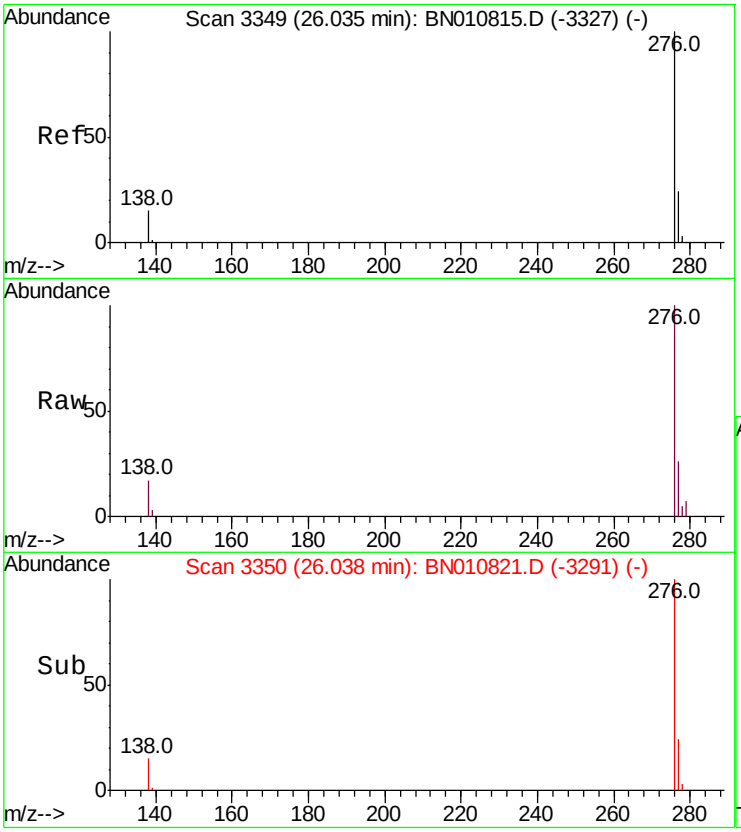


#38
Dibenzo(a,h)anthracene
Concen: 0.400 ng
RT: 25.42 min Scan# 3168
Delta R.T. 0.01 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:278 Resp: 9422

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.6	15.8
279	29.4	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.04 min Scan# 3350
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9900

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.5	30.7
138	16.9	13.7	20.5