Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061120\
Data File : BN010834.D
Acq On : 11 Jun 2020 11:33
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 11 12:53:23 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	3097	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	11278	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	6257	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	12824	0.40	ng		0.00
27) Chrysene-d12	21.13	240	11995	0.40	ng		0.00
34) Perylene-d12	23.28	264	12769	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3012	0.50	ng		0.00
5) Phenol-d6	6.75	99	3571	0.51	ng		0.00
8) Nitrobenzene-d5	8.69	82	3405	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.90	152	7434	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	892	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	10121	0.41	ng		0.00
25) Fluoranthene-d10	18.97	212	14909	0.42	ng		0.00
29) Terphenyl-d14	19.58	244	11510	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1254	0.413	ng		97
3) n-Nitrosodimethylamine	3.55	42	651	0.369	ng	#	91
6) bis(2-Chloroethyl)ether	7.00	93	3362	0.490	ng		92
9) Naphthalene	10.35	128	12068	0.426	ng		98
10) Hexachlorobutadiene	10.65	225	2737	0.391	ng	#	98
12) 2-Methylnaphthalene	11.97	142	8139	0.429	ng		98
16) Acenaphthylene	13.89	152	10765	0.420	ng		99
17) Acenaphthene	14.23	154	7232	0.414	ng		98
18) Fluorene	15.23	166	9173	0.407	ng		99
20) 4-Bromophenyl-phenylether	16.13	248	2958	0.384	ng		96
21) Hexachlorobenzene	16.24	284	3275	0.407	ng		97
22) Pentachlorophenol	16.59	266	1038	0.385	ng		98
23) Phenanthrene	16.97	178	14464	0.413	ng		99
24) Anthracene	17.06	178	12286	0.420	ng		100
26) Fluoranthene	19.00	202	16403	0.413	ng	#	99
28) Pyrene	19.36	202	16621	0.419	ng		100
30) Benzo(a)anthracene	21.12	228	15521	0.440	ng		99
31) Chrysene	21.17	228	16684	0.406	ng		100
32) Bis(2-ethylhexyl)phthalate	21.07	149	6623	0.563	ng		96
33) Indeno(1,2,3-cd)pyrene	25.40	276	19582	0.426	ng	#	96
35) Benzo(b)fluoranthene	22.65	252	16934	0.390	ng		97
36) Benzo(k)fluoranthene	22.69	252	17091	0.369	ng		99
37) Benzo(a)pyrene	23.19	252	15200	0.408	ng		97
38) Dibenzo(a,h)anthracene	25.41	278	15814	0.372	ng	#	96
39) Benzo(g,h,i)perylene	26.03	276	16384	0.369	ng		96

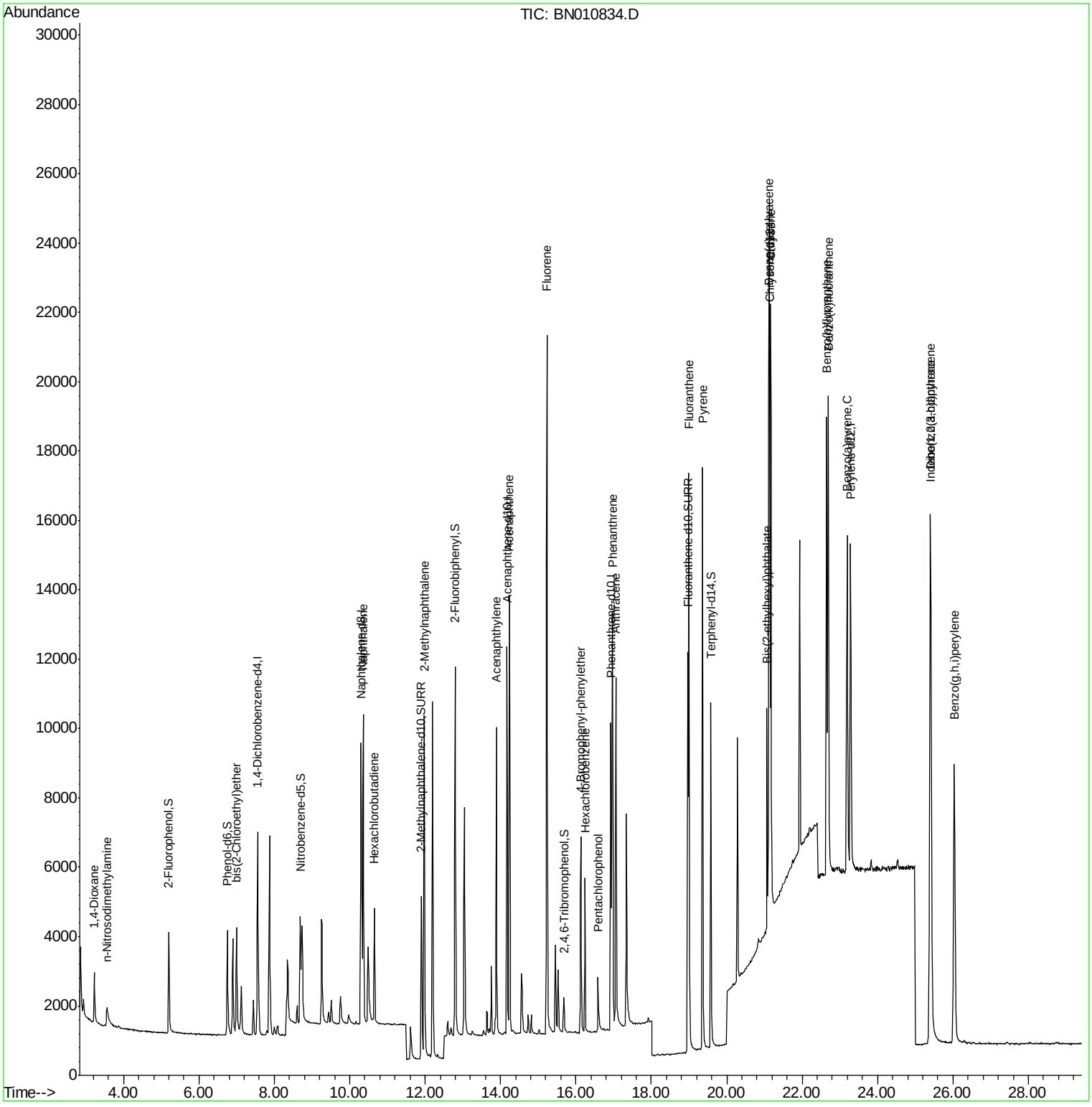
(#) = qualifier out of range (m) = manual integration (+) = signals summed

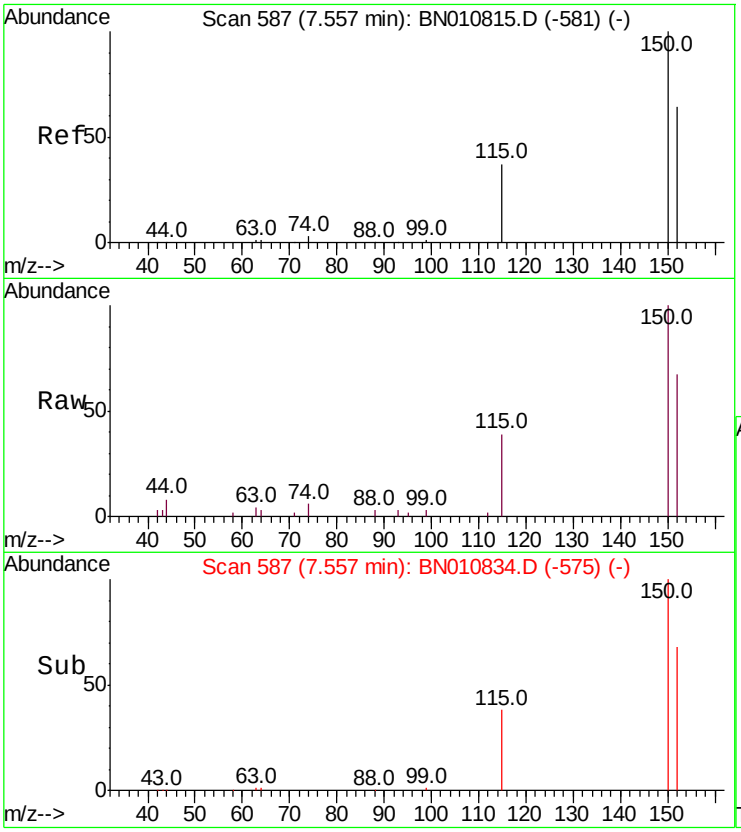
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061120\
Data File : BN010834.D
Acq On : 11 Jun 2020 11:33
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 11 12:53:23 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



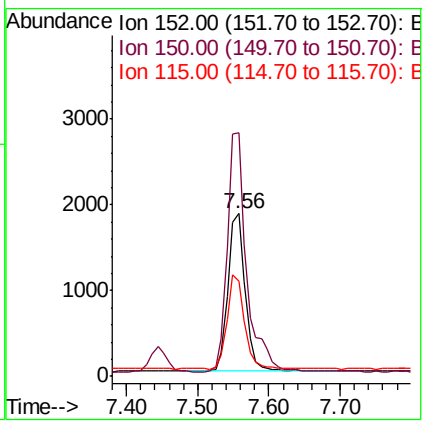


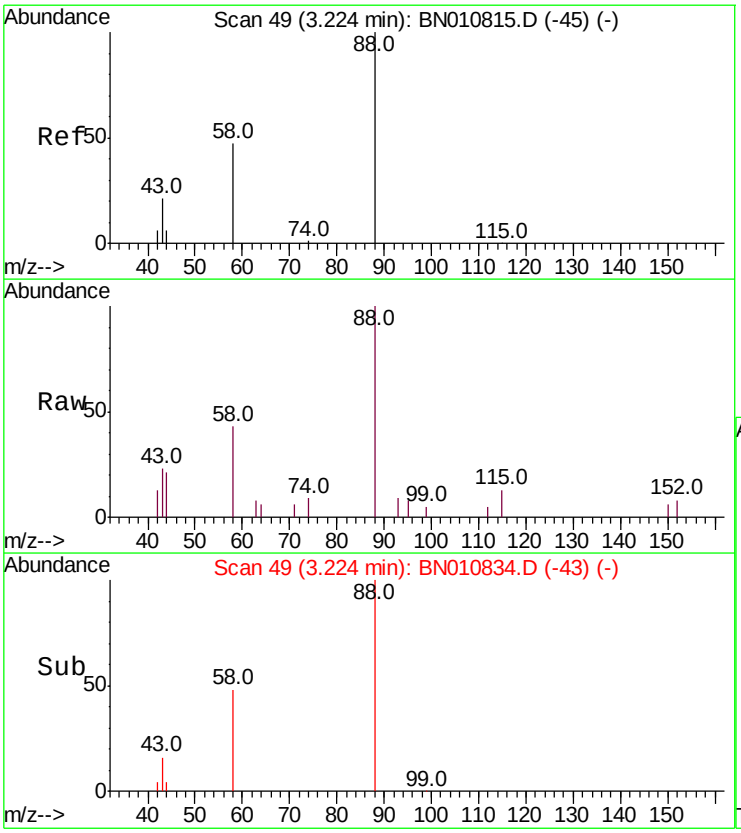
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3097

Ion	Ratio	Lower	Upper
152	100		
150	149.7	123.8	185.6
115	58.3	49.2	73.8

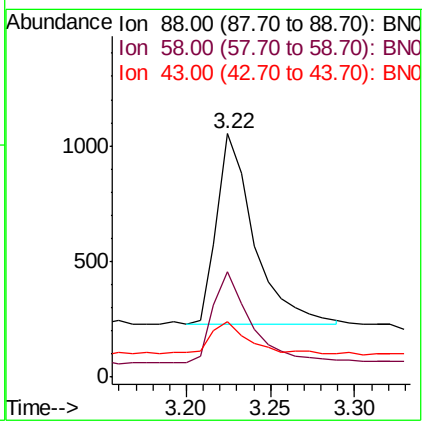


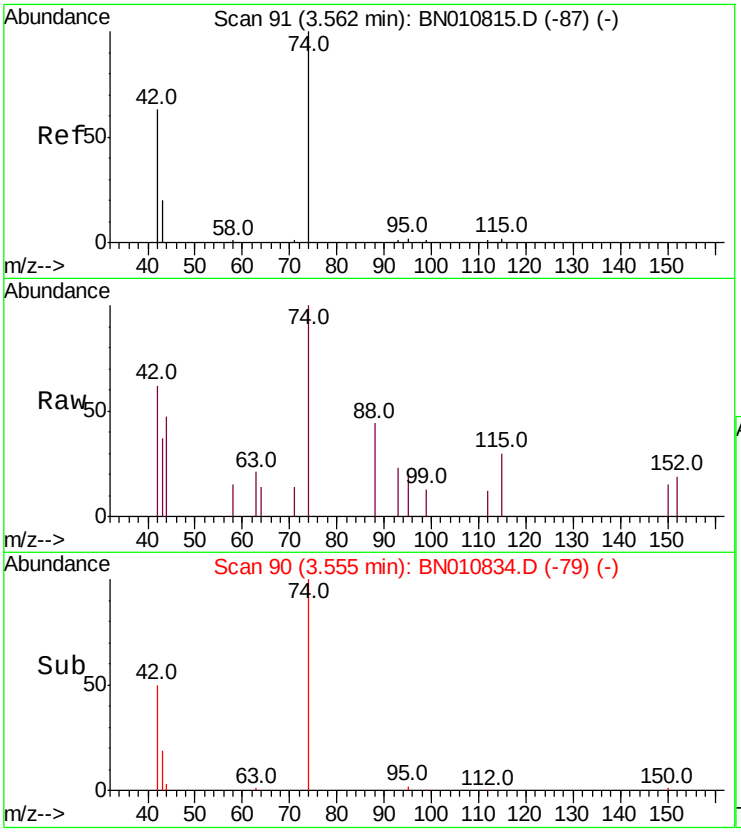


#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion: 88 Resp: 1254

Ion	Ratio	Lower	Upper
88	100		
58	49.3	38.2	57.4
43	16.2	15.1	22.7



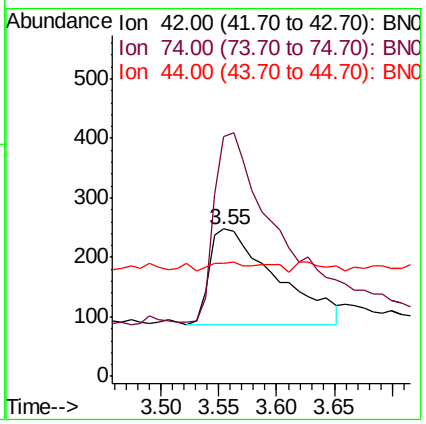


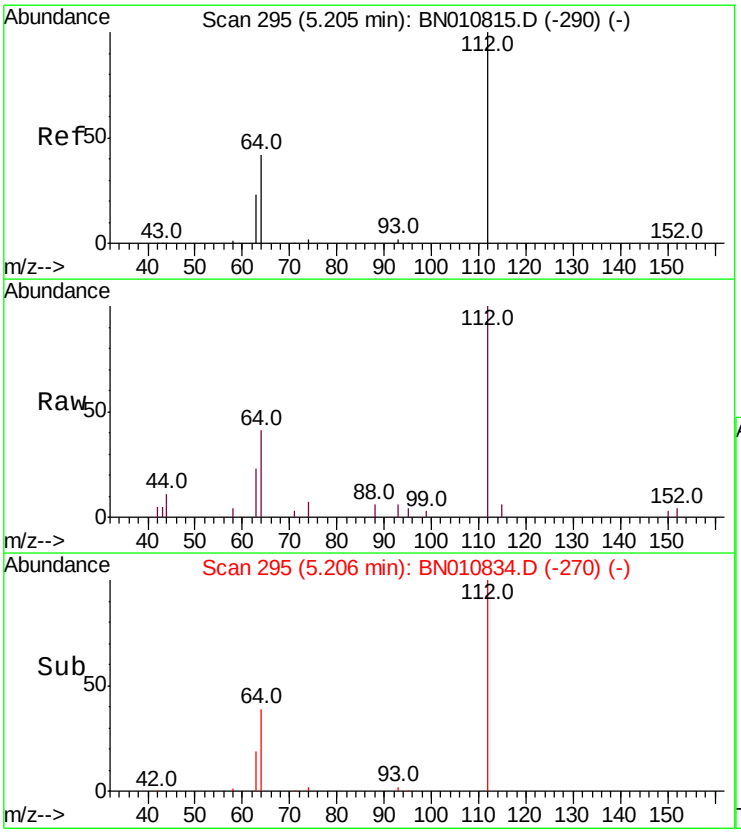
#3
n-Nitrosodimethylamine
Concen: 0.369 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.01 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 651

Ion	Ratio	Lower	Upper
42	100		
74	188.2	140.7	211.1
44	4.8	1.4	2.2#

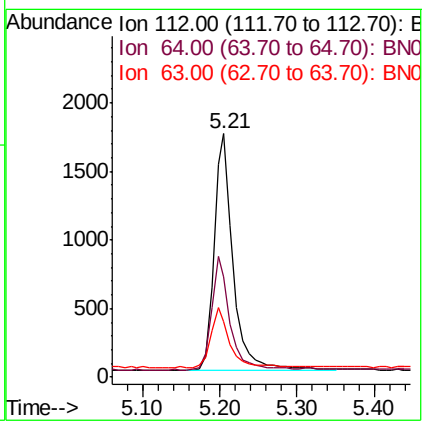


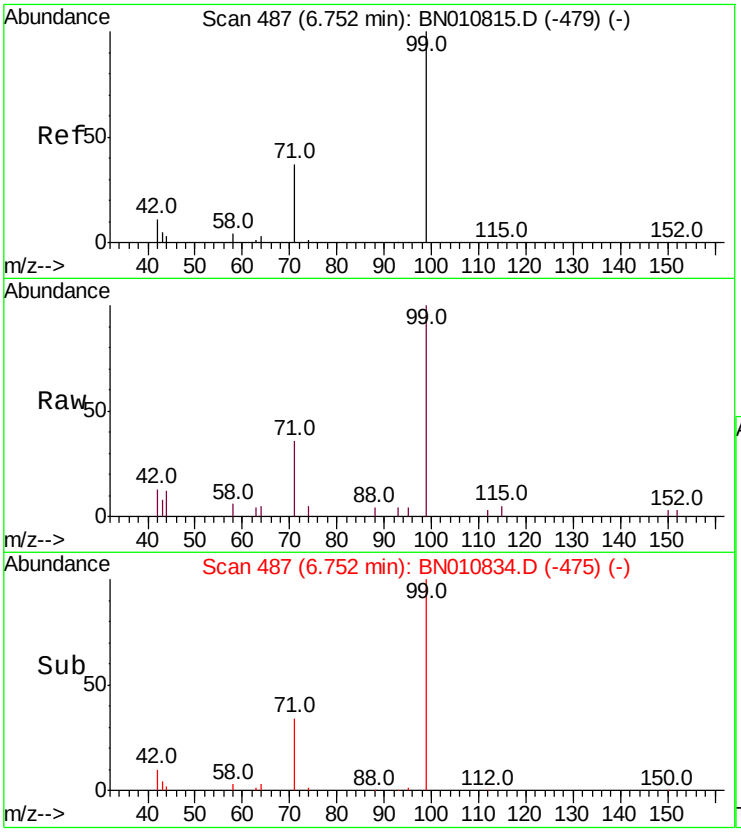


#4
2-Fluorophenol
Concen: 0.504 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:112 Resp: 3012

Ion	Ratio	Lower	Upper
112	100		
64	45.9	37.4	56.0
63	24.5	22.2	33.4



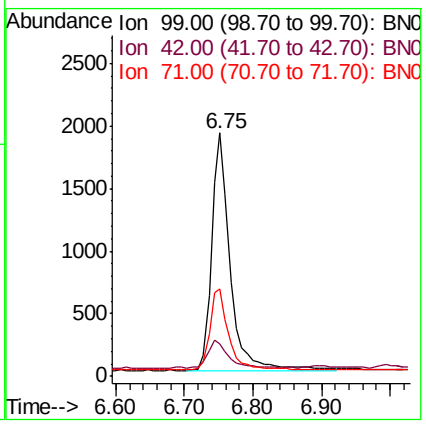


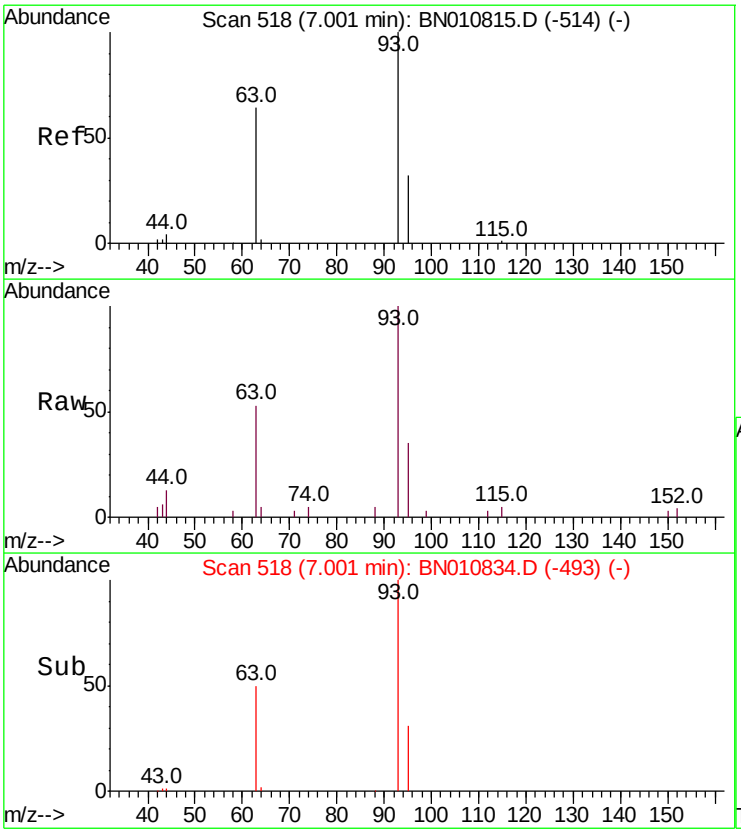
#5
Phenol-d6
Concen: 0.507 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3571

Ion	Ratio	Lower	Upper
99	100		
42	12.8	11.1	16.7
71	35.6	31.4	47.2

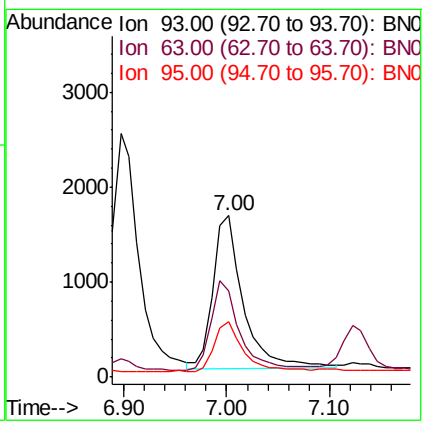


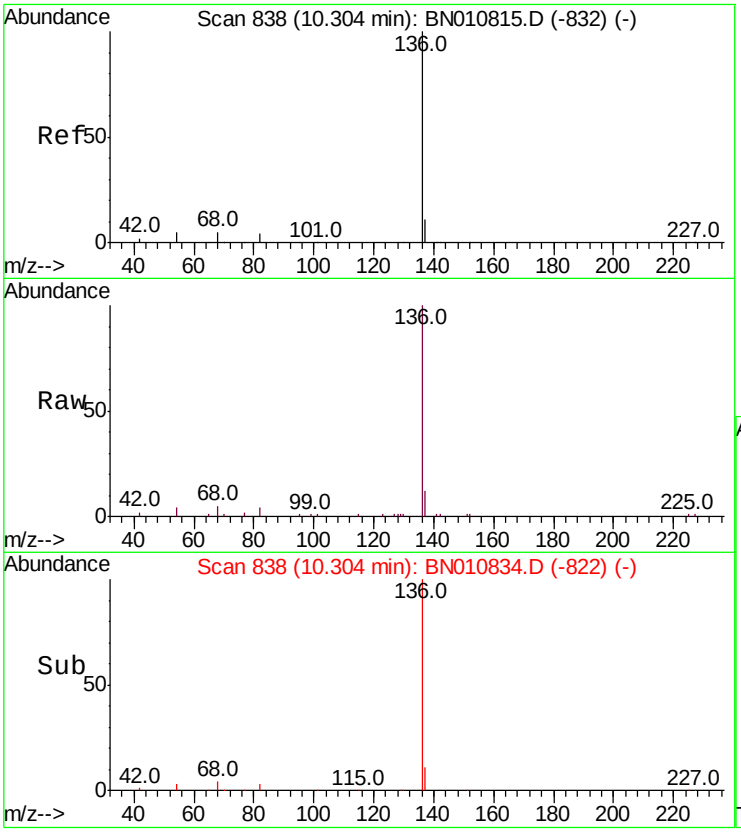


#6
bis(2-Chloroethyl)ether
Concen: 0.490 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion: 93 Resp: 3362

Ion	Ratio	Lower	Upper
93	100		
63	54.3	49.4	74.2
95	31.1	26.7	40.1



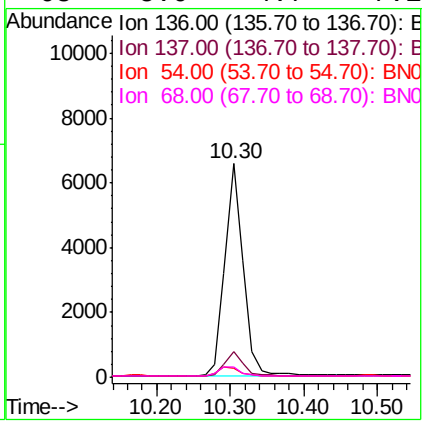


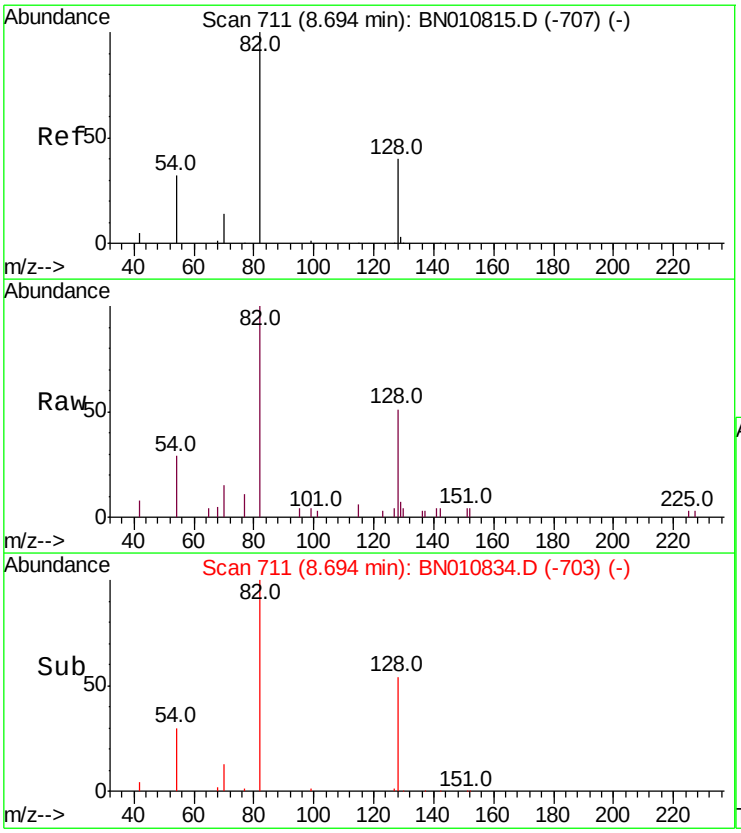
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 11278

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	4.2	4.9	7.3#
68	5.0	4.7	7.1

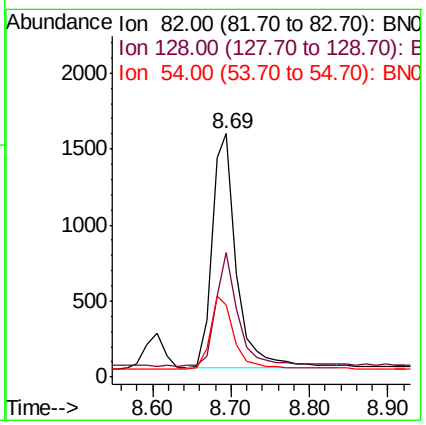


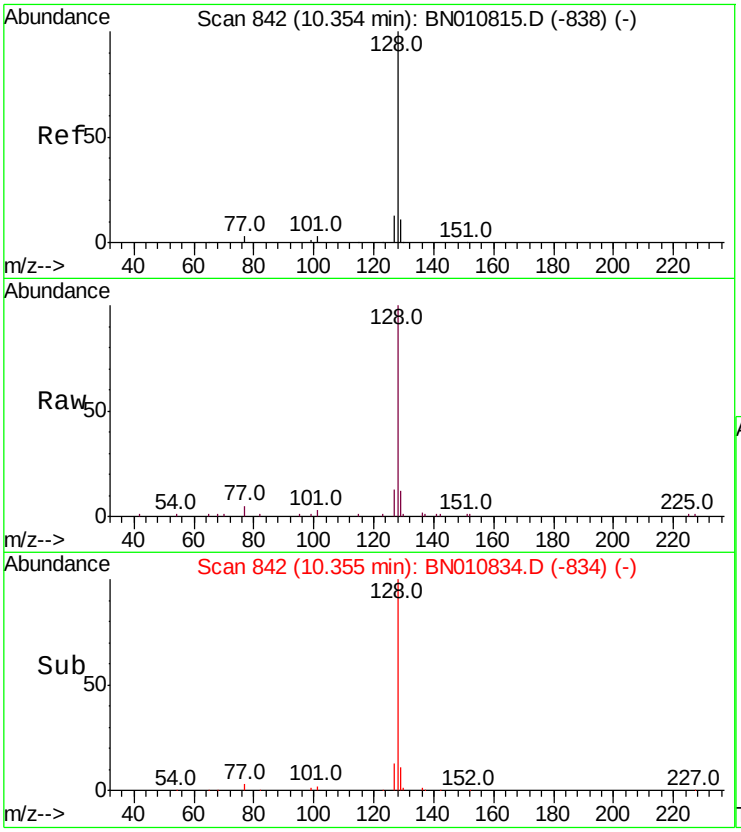


#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion: 82 Resp: 3405

Ion	Ratio	Lower	Upper
82	100		
128	51.4	35.4	53.0
54	29.4	28.2	42.4



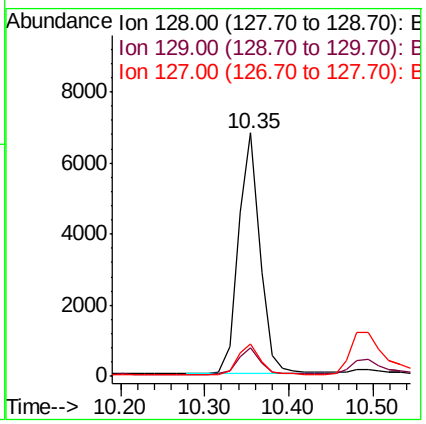


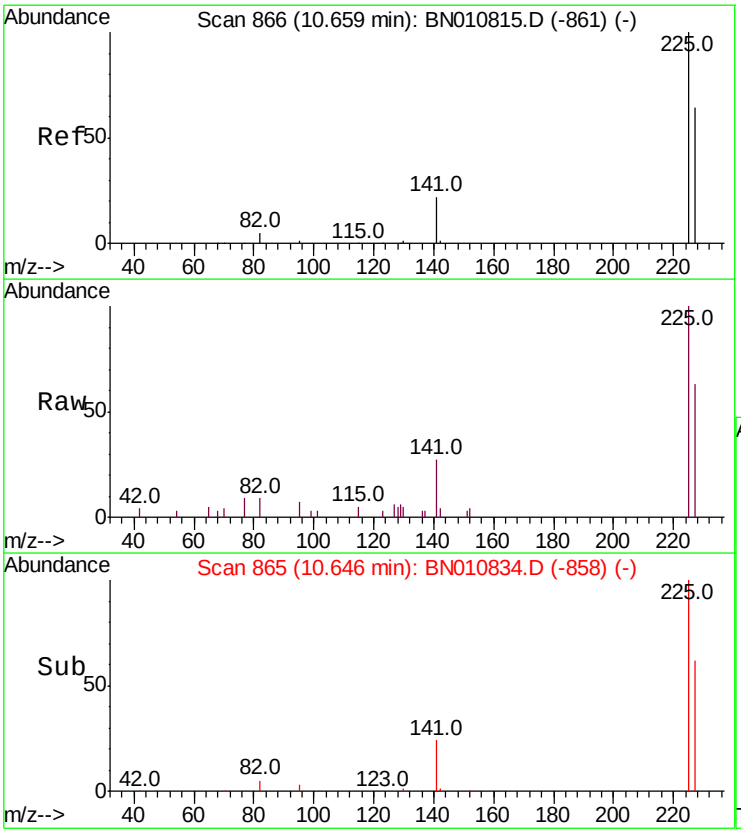
#9
Naphthalene
Concen: 0.426 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 12068

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.4	11.4	17.2

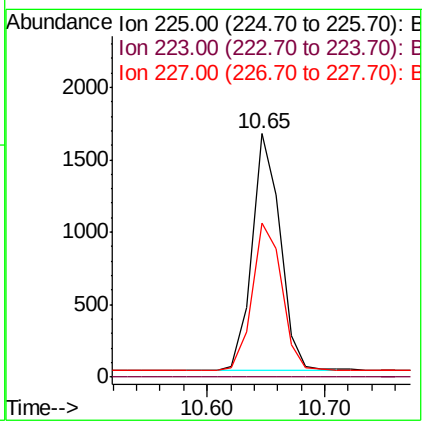


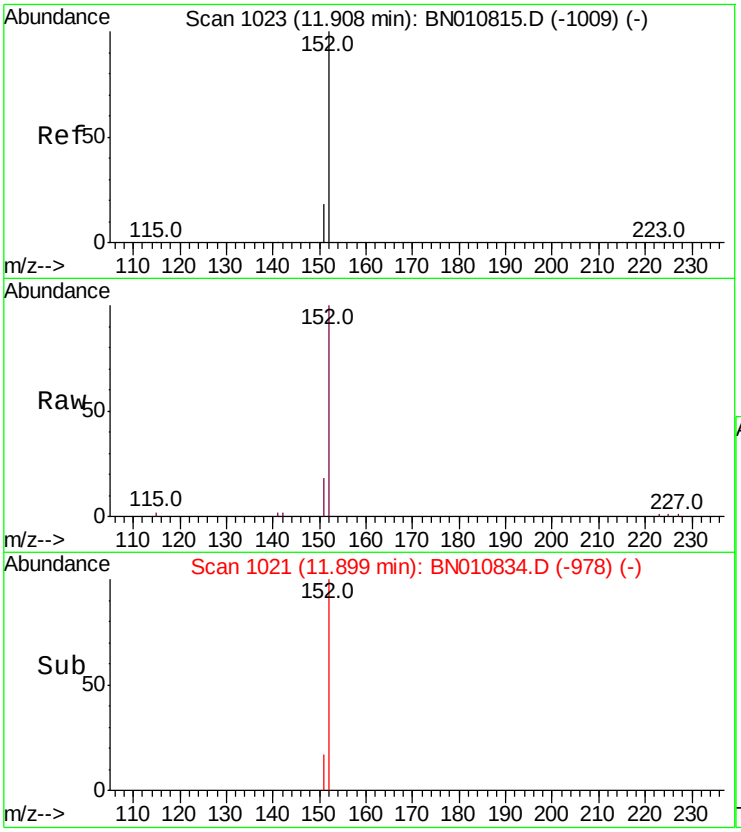


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 10.65 min Scan# 865
Delta R.T. -0.01 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:225 Resp: 2737

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.0	50.5	75.7



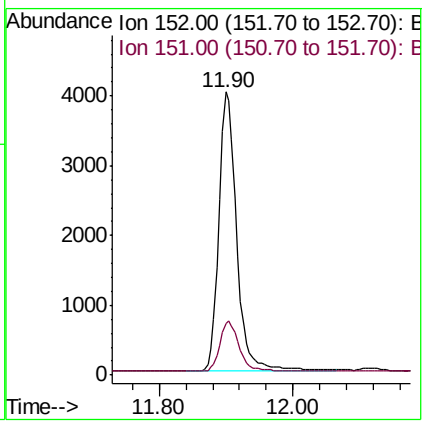


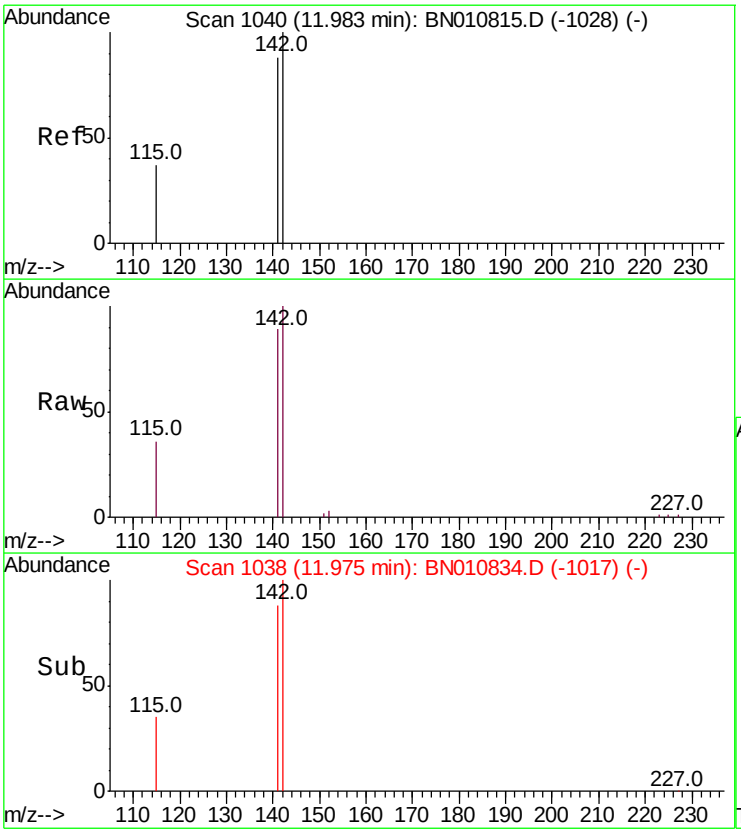
#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7434

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

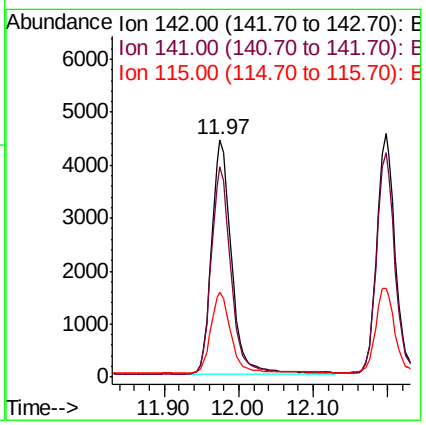


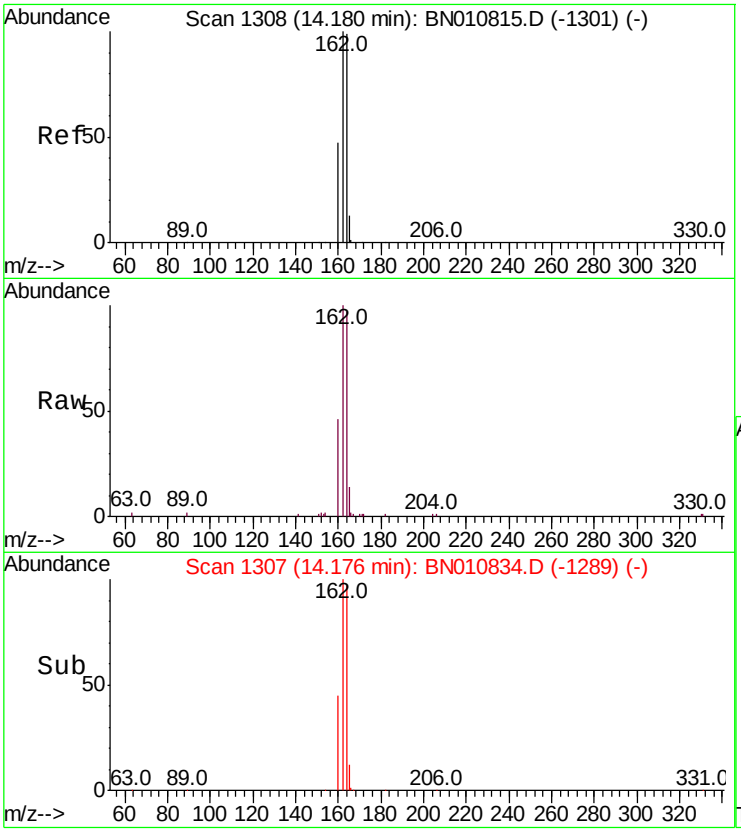


#12
2-Methylnaphthalene
Concen: 0.429 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:142 Resp: 8139

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	35.8	31.5	47.3



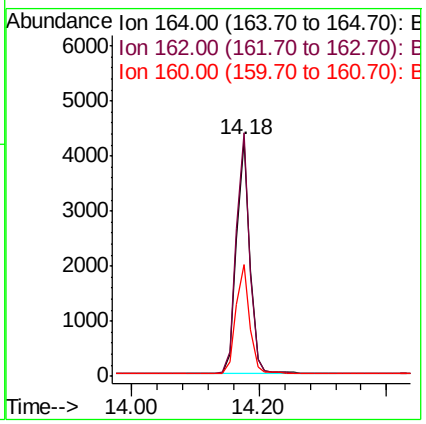


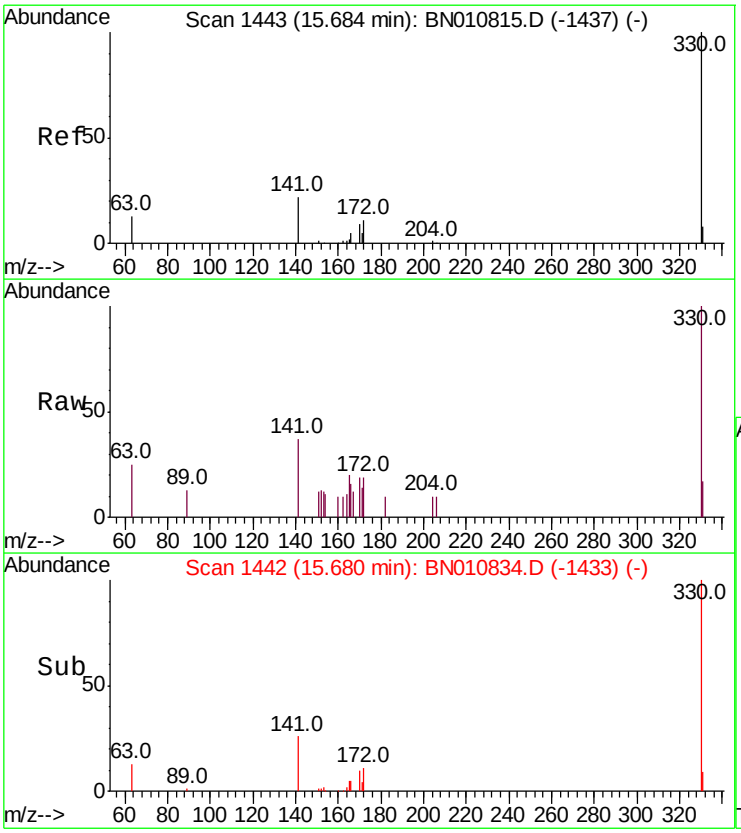
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6257

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.0	121.6
160	47.1	38.9	58.3

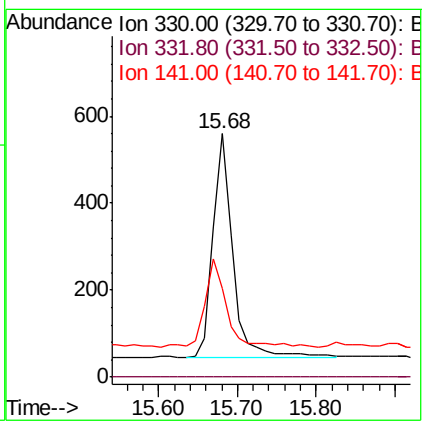


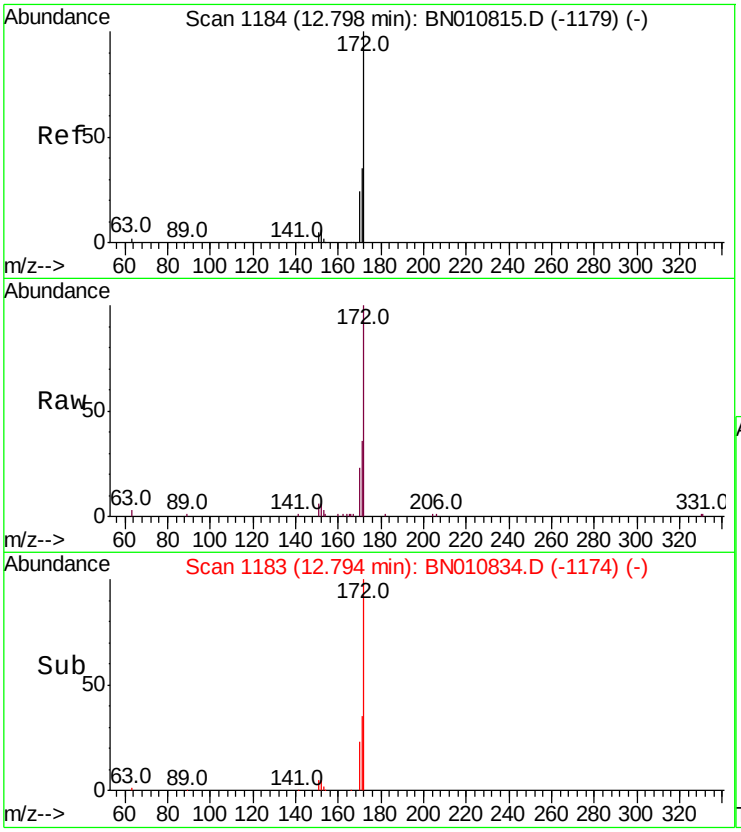


#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.68 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:330 Resp: 892

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.4	33.2	49.8



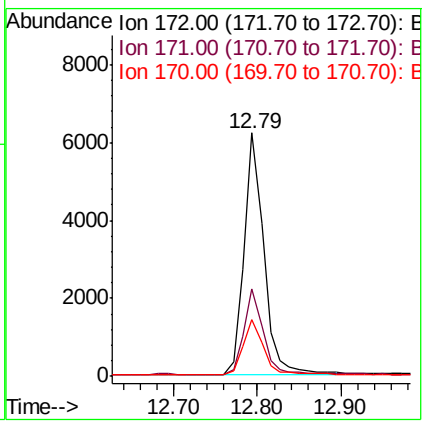


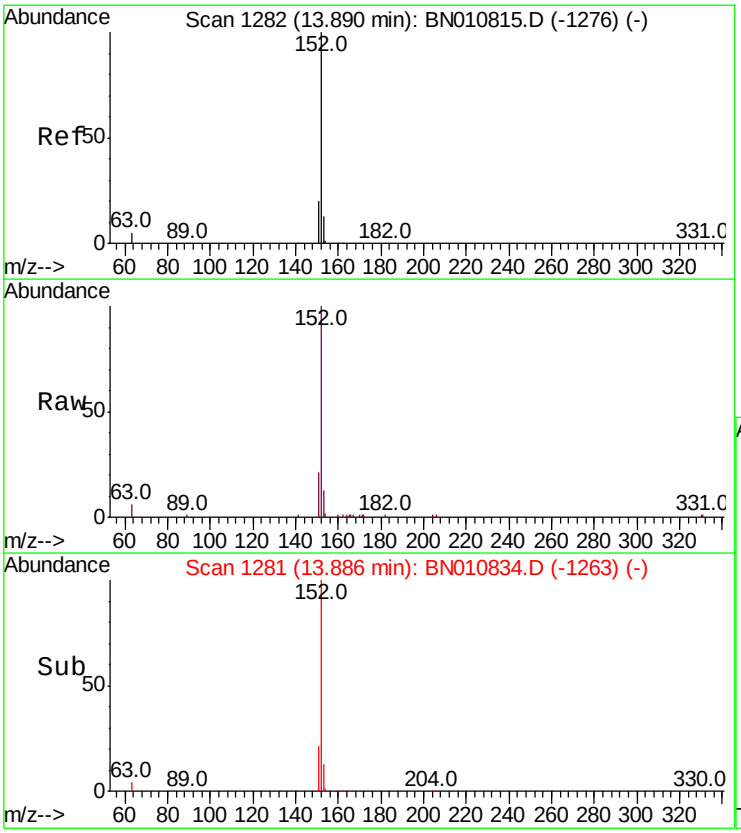
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 10121

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.3	19.7	29.5

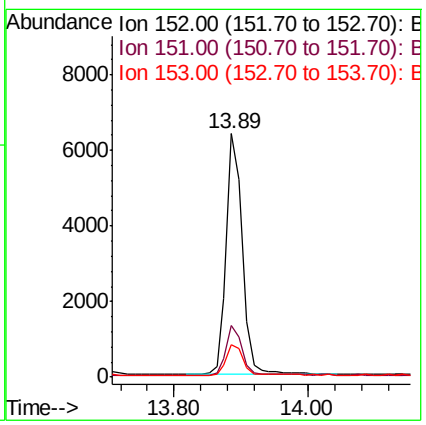


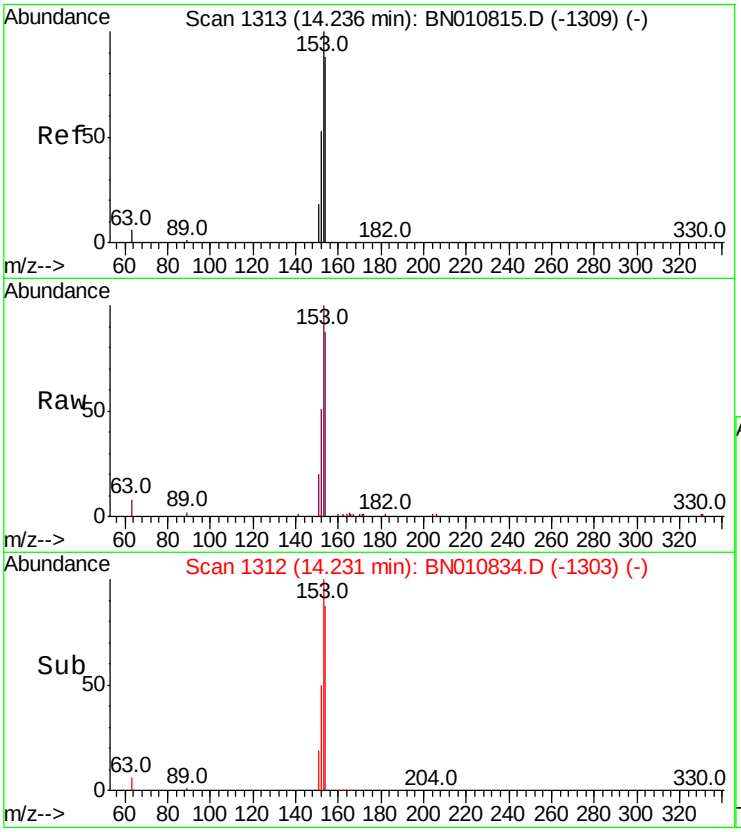


#16
Acenaphthylene
Concen: 0.420 ng
RT: 13.89 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:152 Resp: 10765

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.0	10.6	16.0



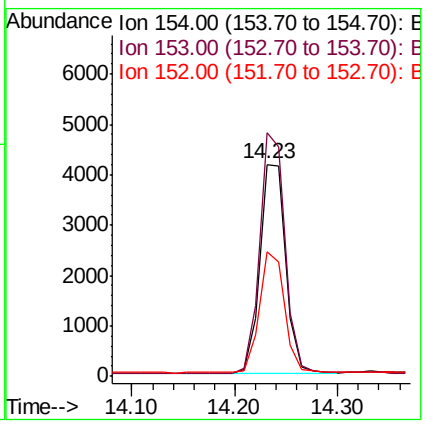


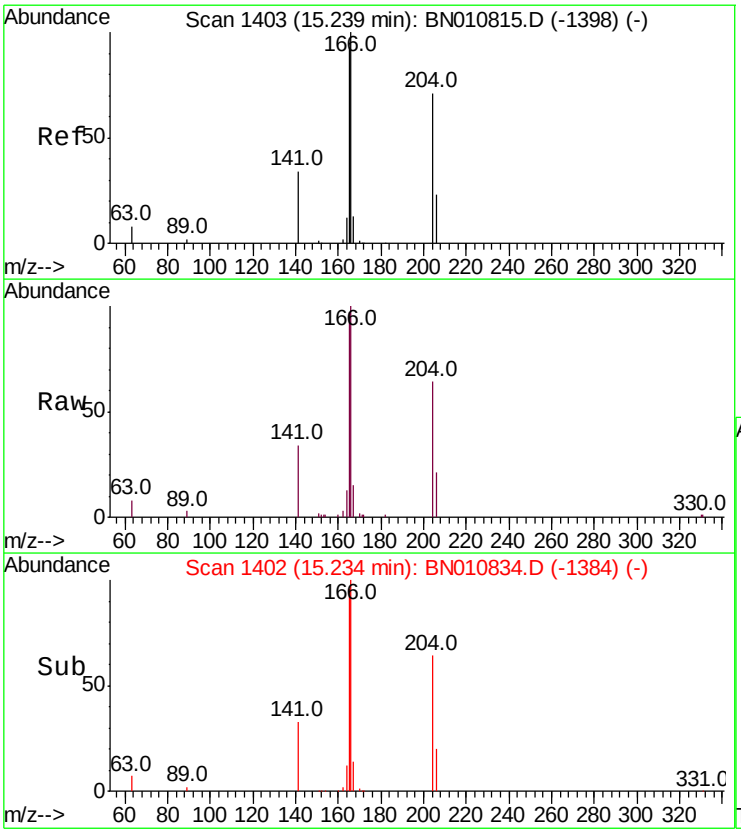
#17
Acenaphthene
Concen: 0.414 ng
RT: 14.23 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 7232

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.8	137.6
152	56.7	47.6	71.4

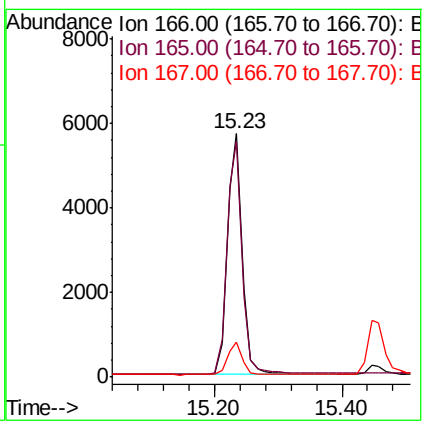


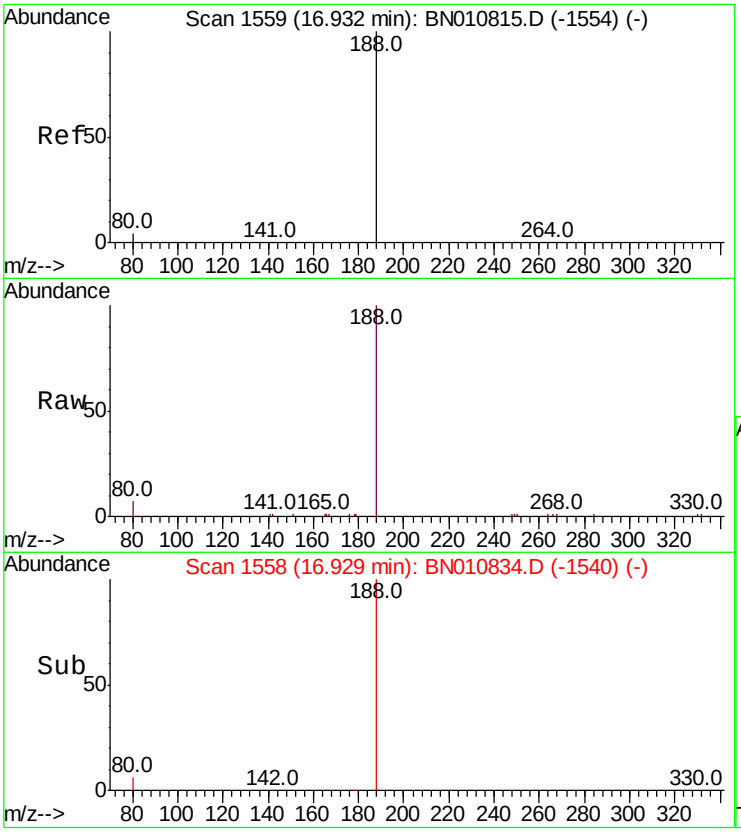


#18
Fluorene
Concen: 0.407 ng
RT: 15.23 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:166 Resp: 9173

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.2	115.8
167	13.3	10.7	16.1



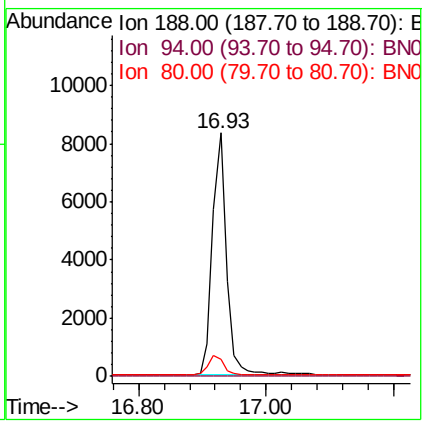


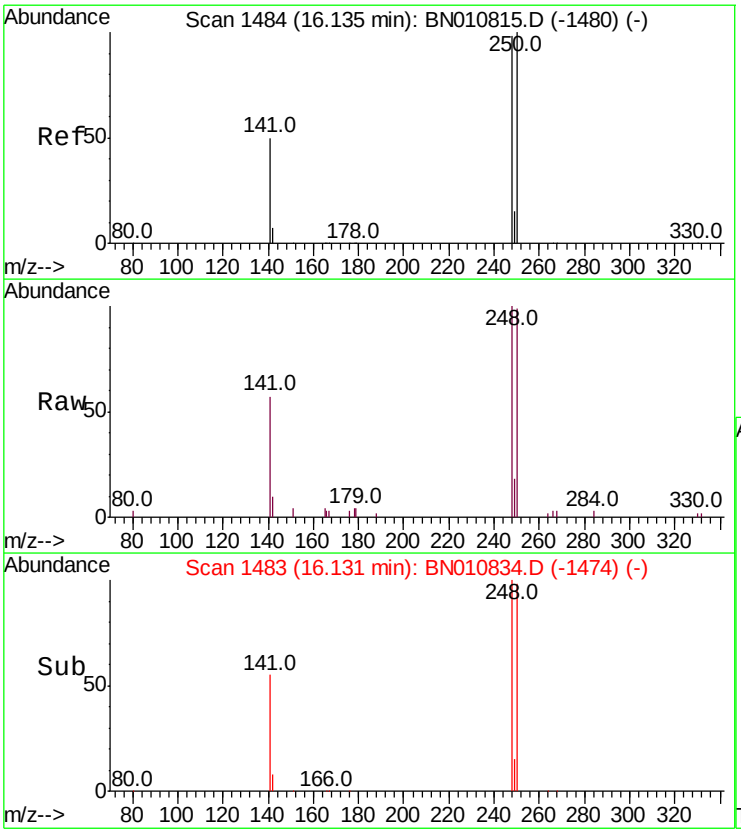
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 12824

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	4.5	6.7#

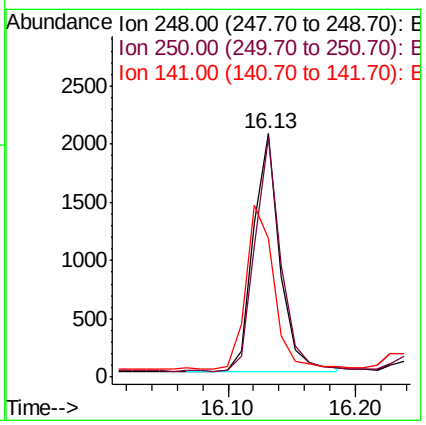


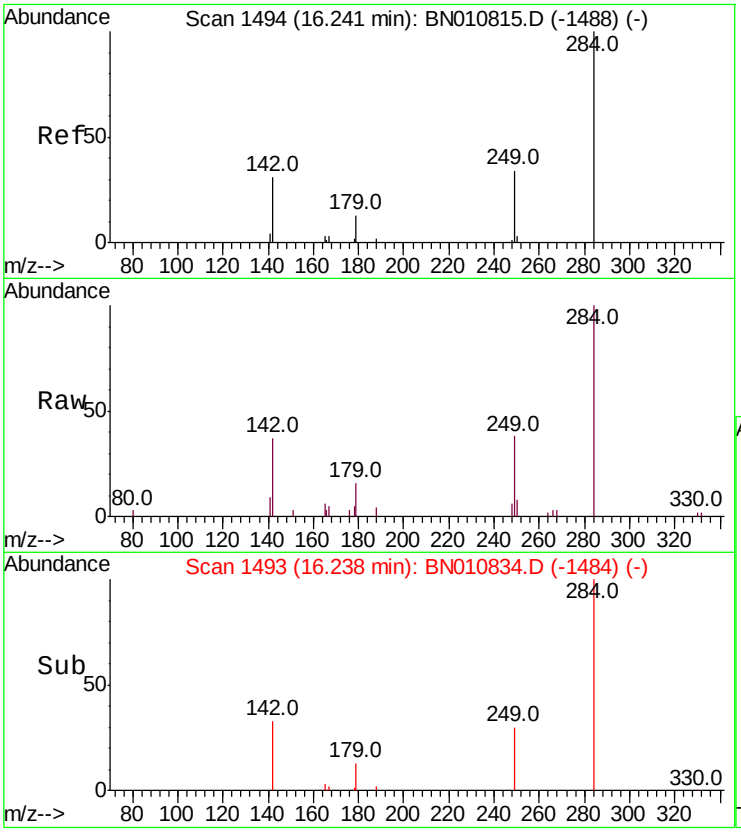


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.13 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:248 Resp: 2958

Ion	Ratio	Lower	Upper
248	100		
250	98.6	81.8	122.8
141	56.9	42.6	64.0



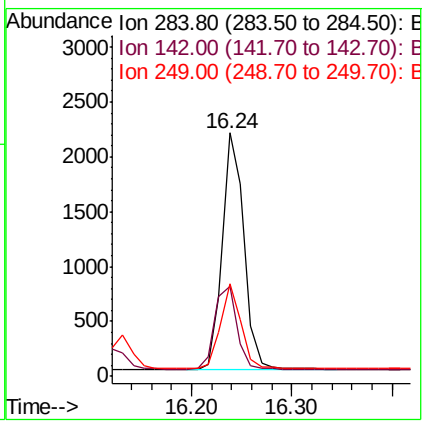


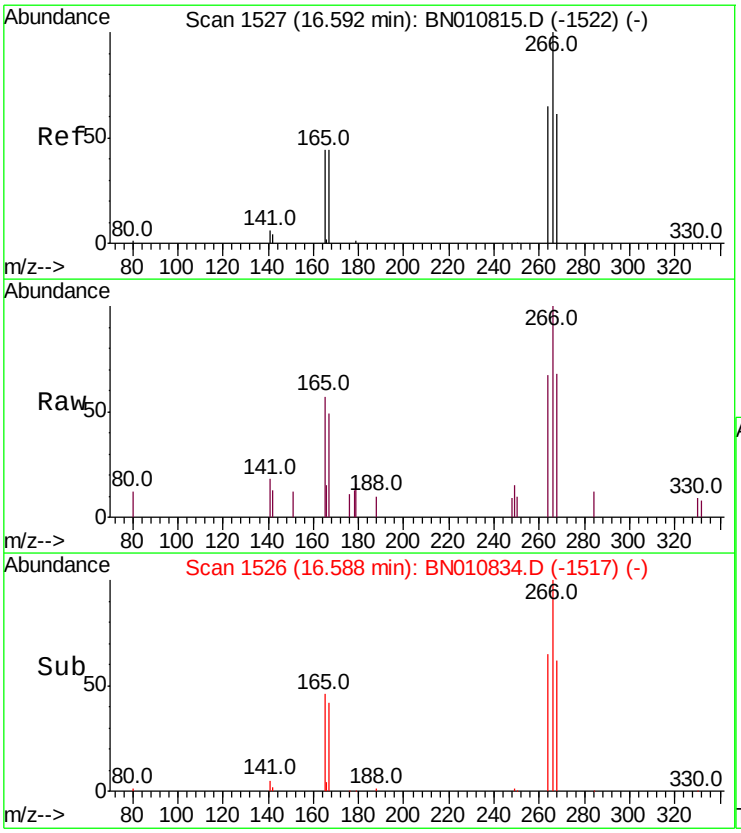
#21
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.24 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3275

Ion	Ratio	Lower	Upper
284	100		
142	35.5	31.0	46.4
249	33.4	27.1	40.7

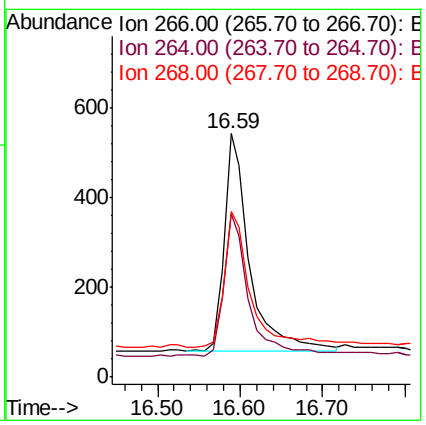


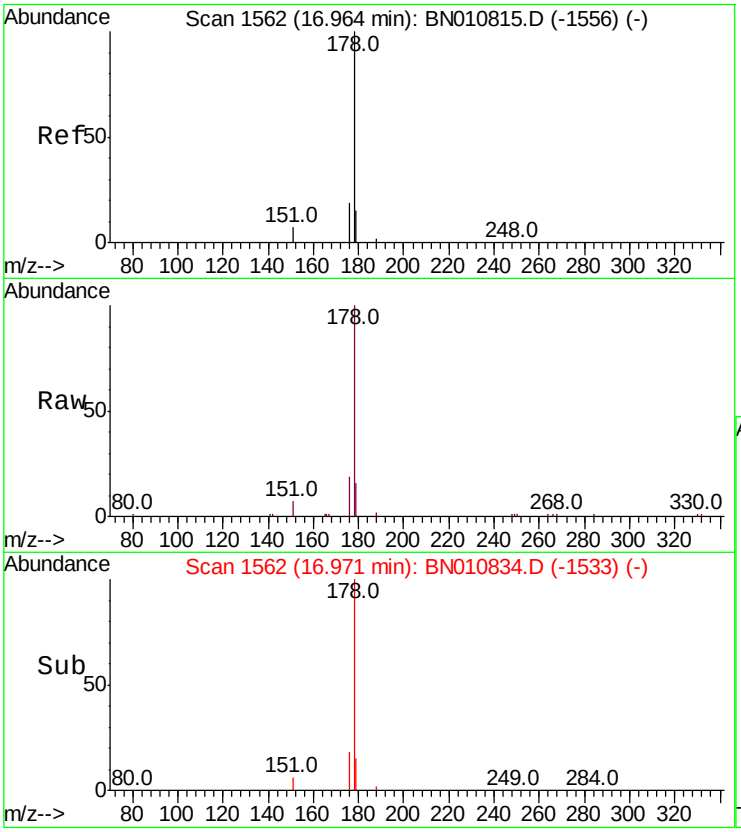


#22
Pentachlorophenol
Concen: 0.385 ng
RT: 16.59 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:266 Resp: 1038

Ion	Ratio	Lower	Upper
266	100		
264	67.0	54.8	82.2
268	68.3	55.9	83.9



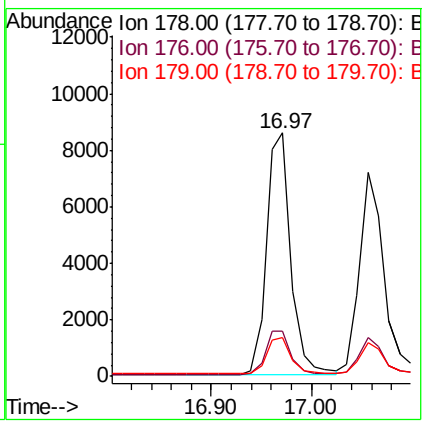


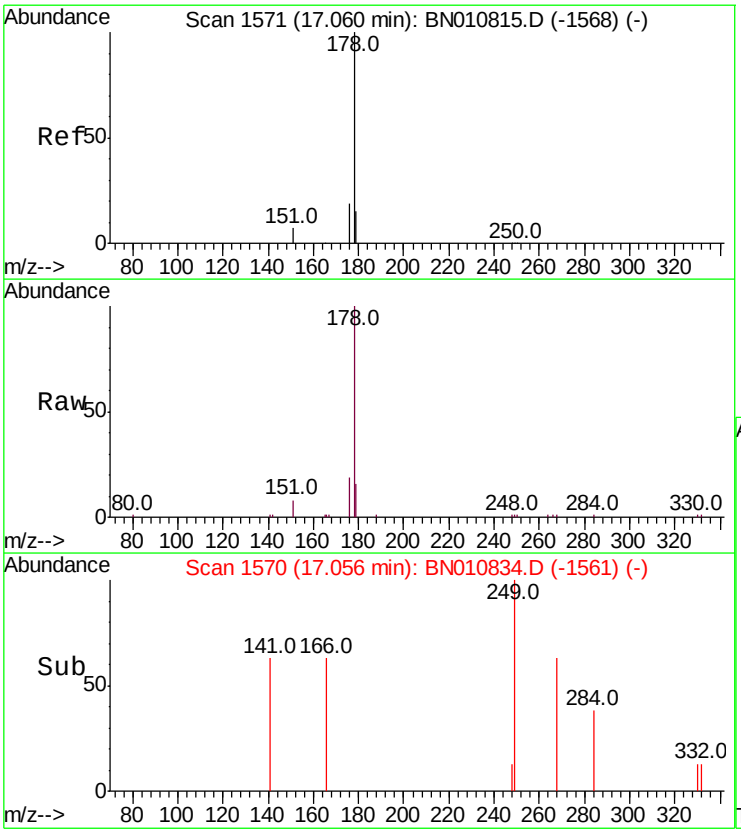
#23
Phenanthrene
Concen: 0.413 ng
RT: 16.97 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 14464

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.6	19.0

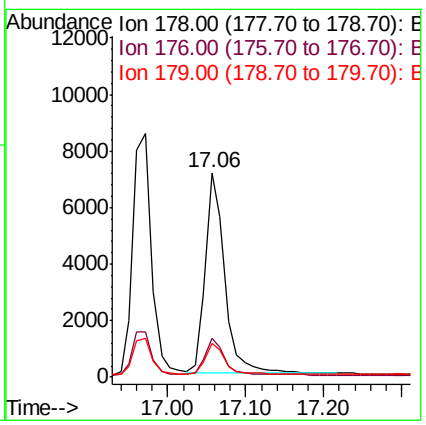


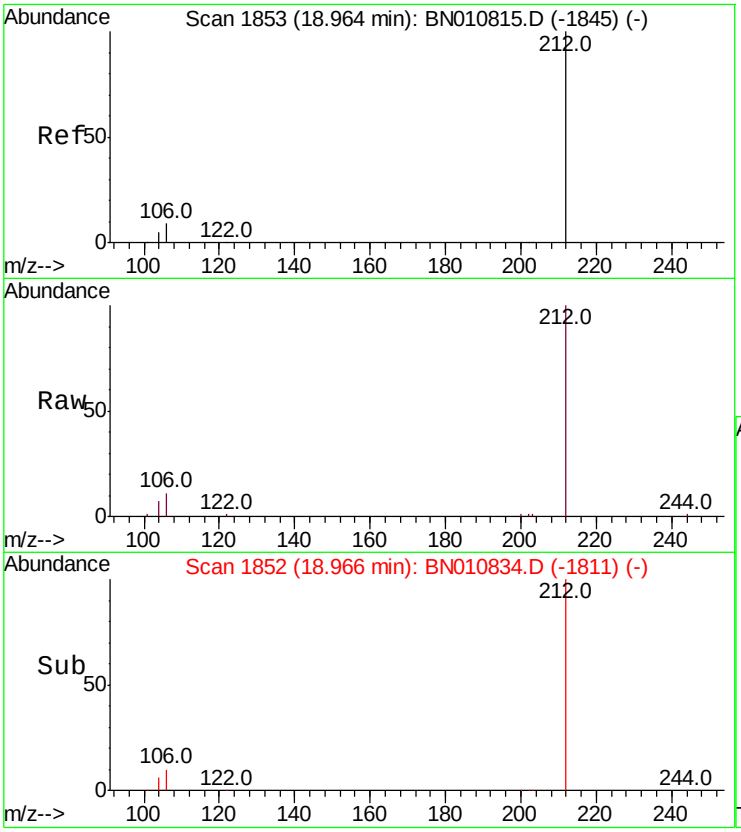


#24
Anthracene
Concen: 0.420 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:178 Resp: 12286

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.4	12.3	18.5



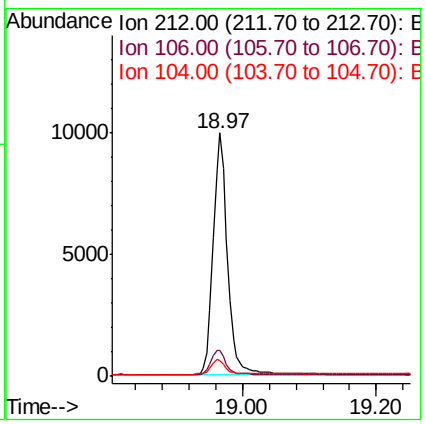


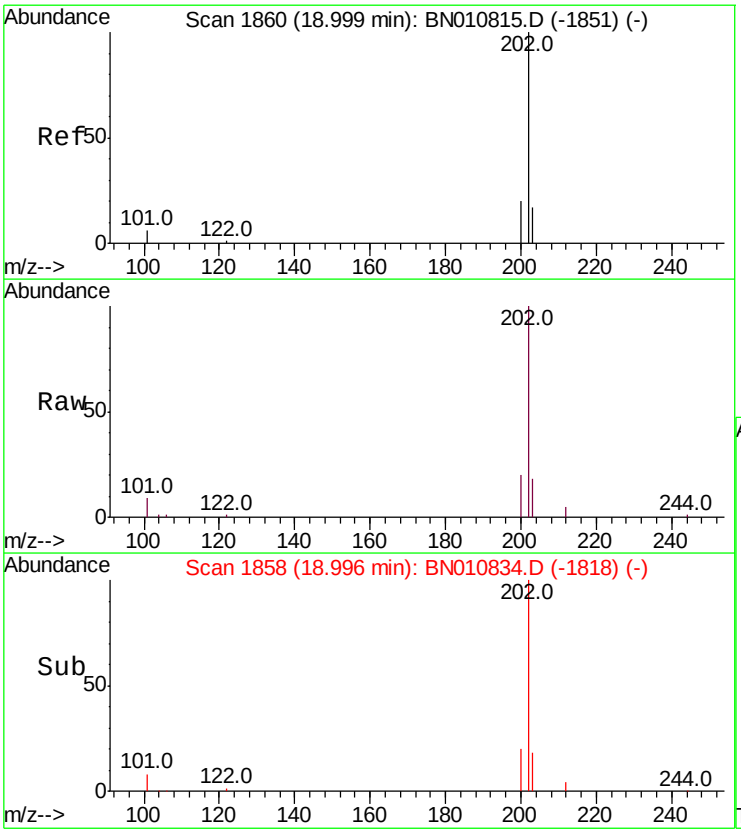
#25
Fluoranthene-d10
Concen: 0.421 ng
RT: 18.97 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 14909

Ion	Ratio	Lower	Upper
212	100		
106	10.5	6.6	10.0#
104	6.2	4.0	6.0#

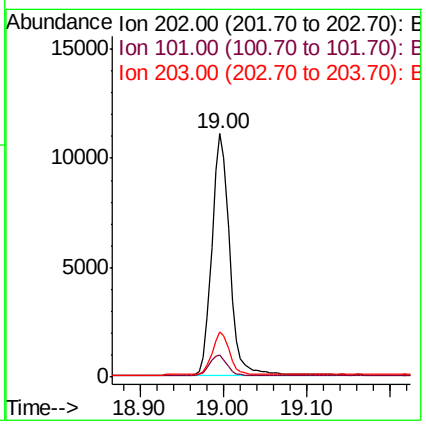


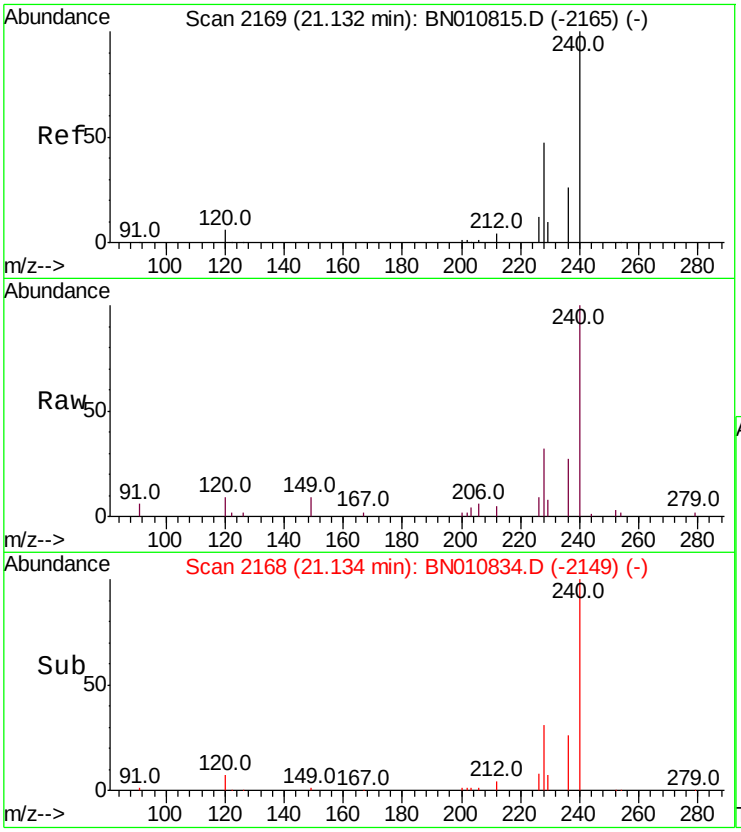


#26
Fluoranthene
Concen: 0.413 ng
RT: 19.00 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:202 Resp: 16403

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.8	8.6#
203	17.2	13.7	20.5



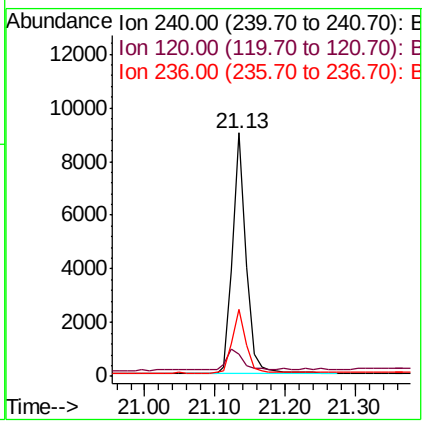


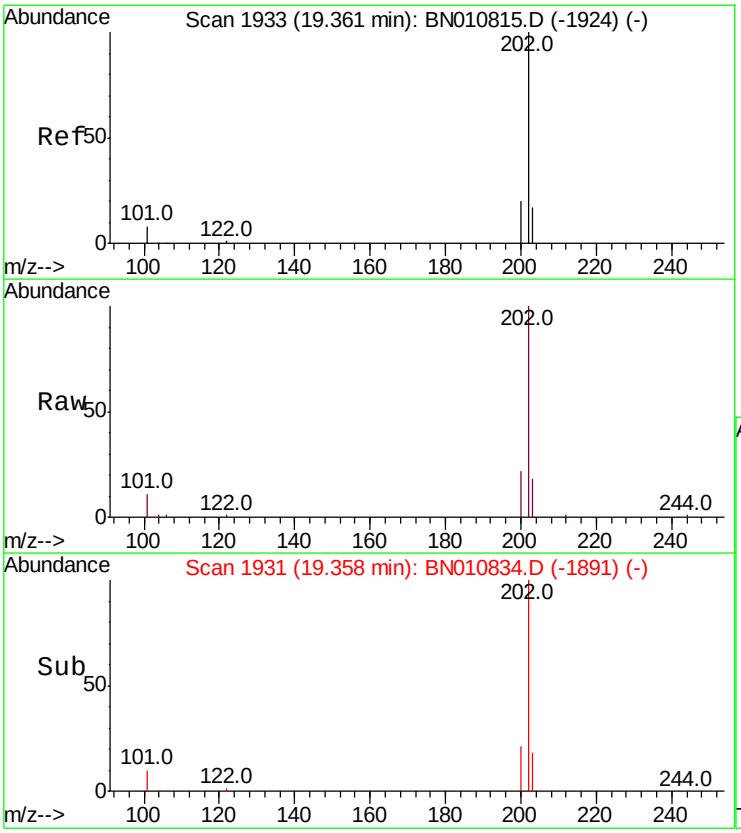
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 11995

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.5	11.3
236	27.4	22.3	33.5

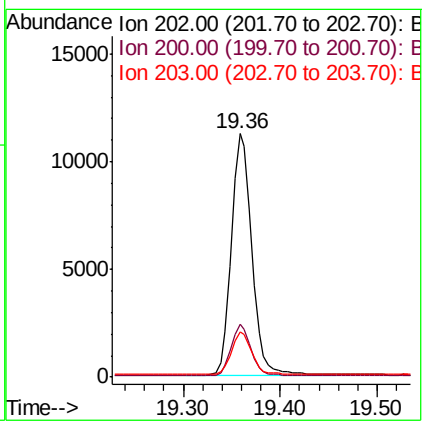


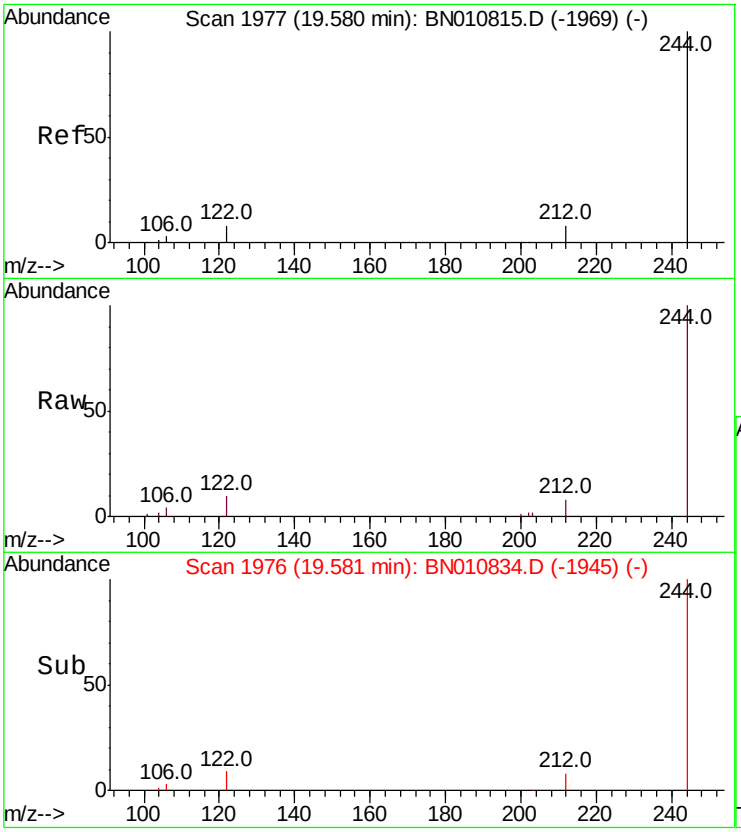


#28
Pyrene
Concen: 0.419 ng
RT: 19.36 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:202 Resp: 16621

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.4	24.6
203	17.7	14.2	21.4



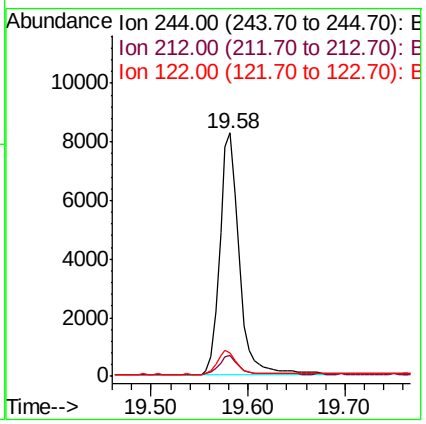


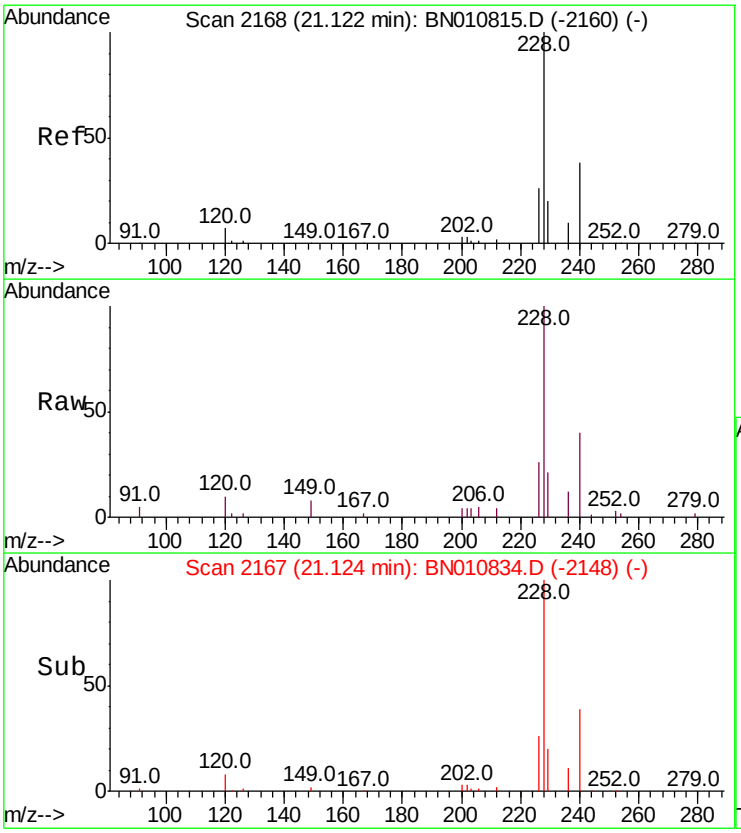
#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.58 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 11510

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	9.6	7.5	11.3

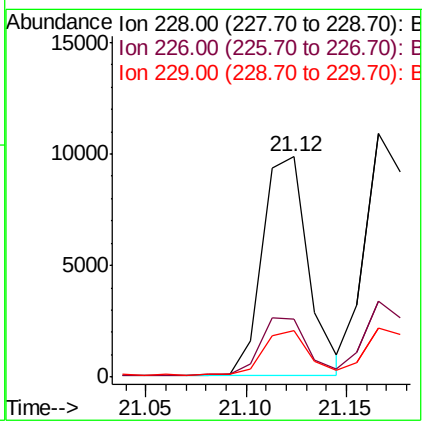


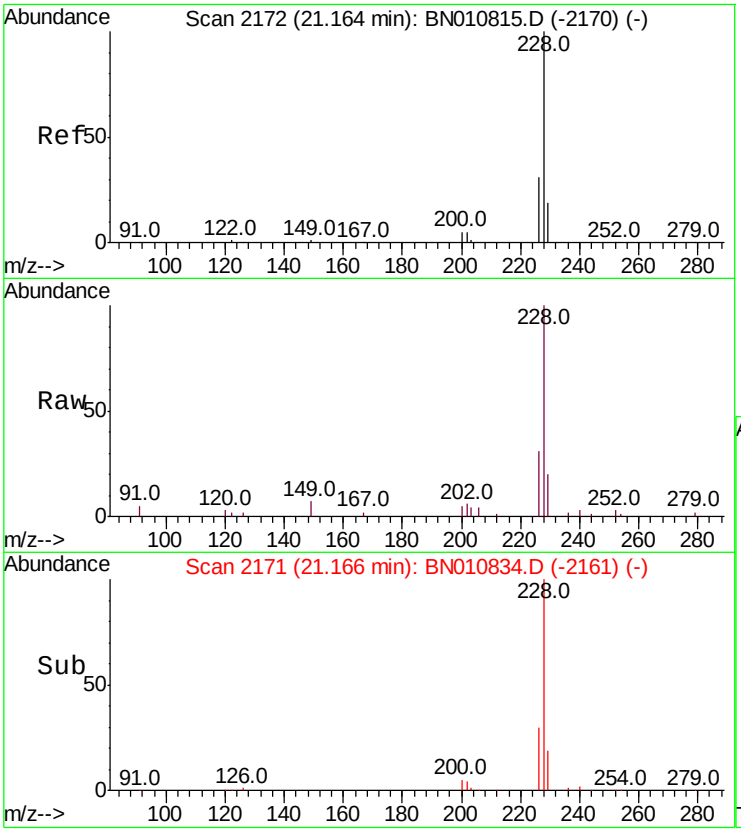


#30
Benzo(a)anthracene
Concen: 0.440 ng
RT: 21.12 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:228 Resp: 15521

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	21.3	16.6	24.8



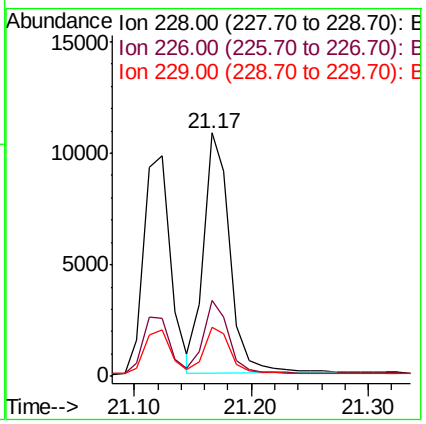


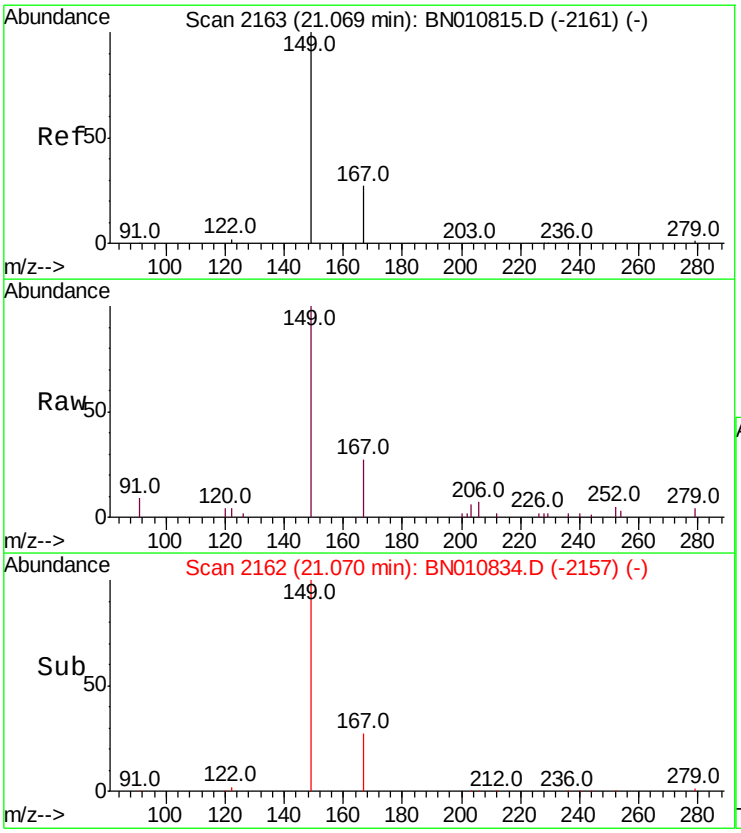
#31
Chrysene
Concen: 0.406 ng
RT: 21.17 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 16684

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.3	16.1	24.1

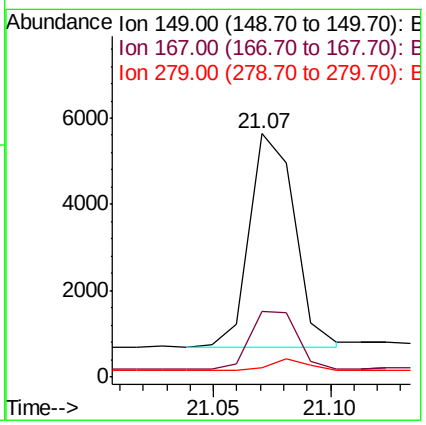


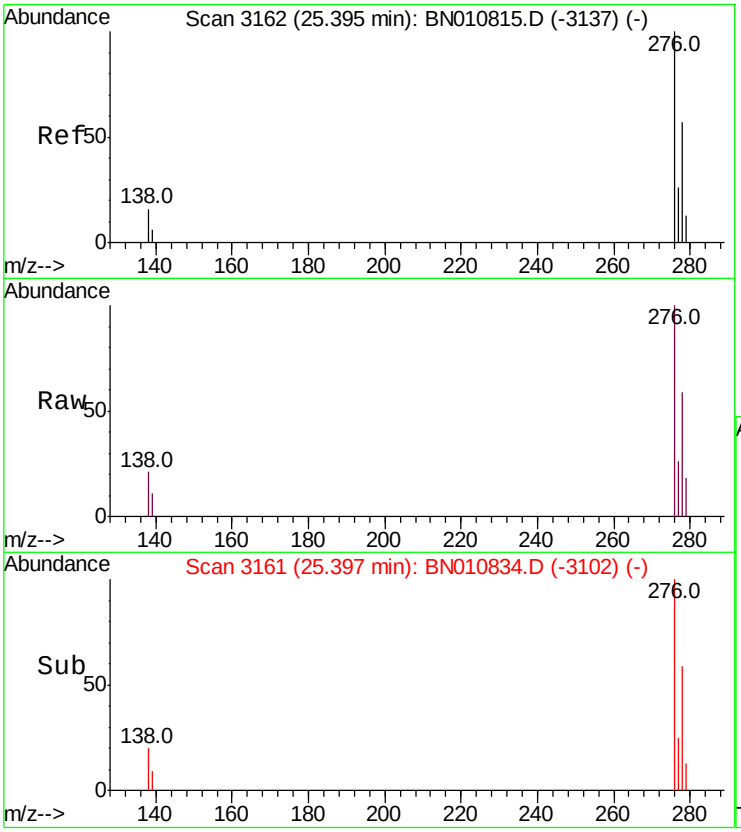


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.563 ng
RT: 21.07 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:149 Resp: 6623

Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.1	36.1
279	4.7	4.6	7.0



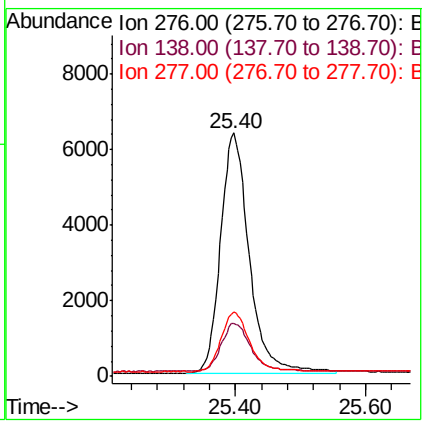


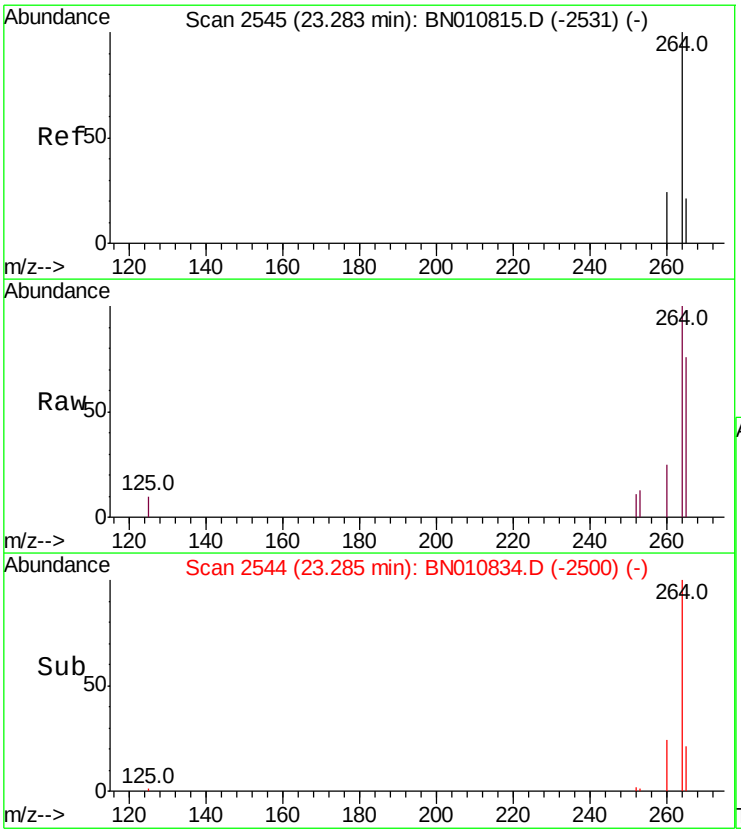
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.426 ng
RT: 25.40 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 19582

Ion	Ratio	Lower	Upper
276	100		
138	20.6	13.0	19.6#
277	24.8	19.7	29.5

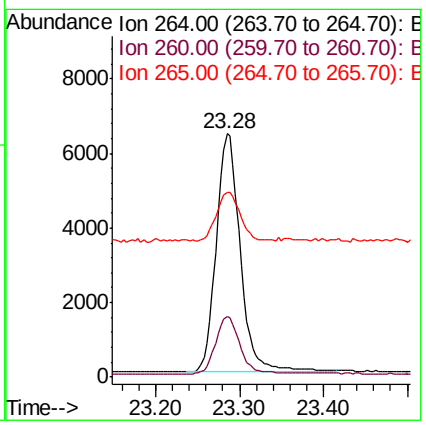


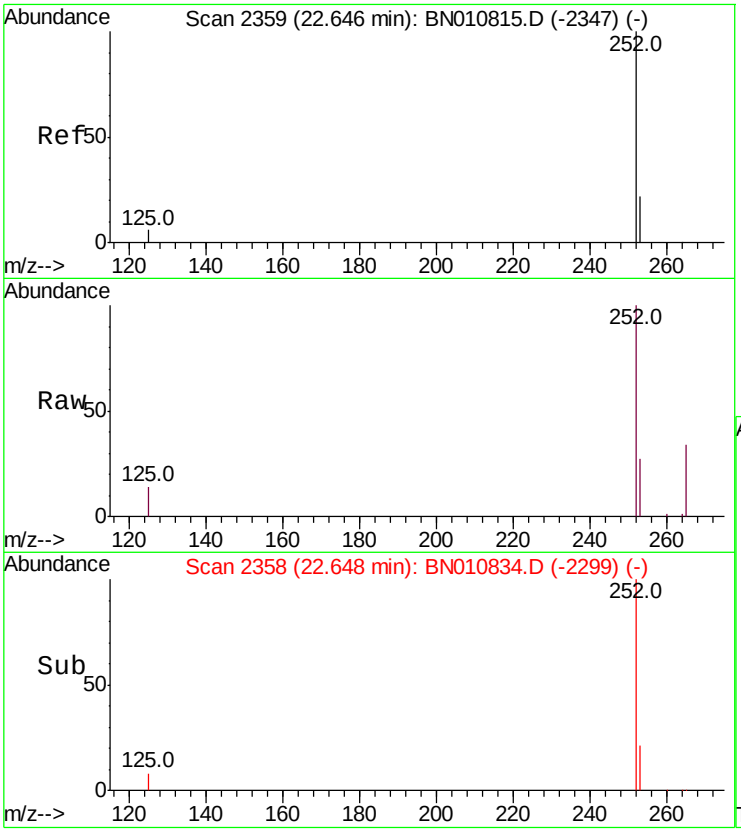


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:264 Resp: 12769

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	76.1	75.0	112.4



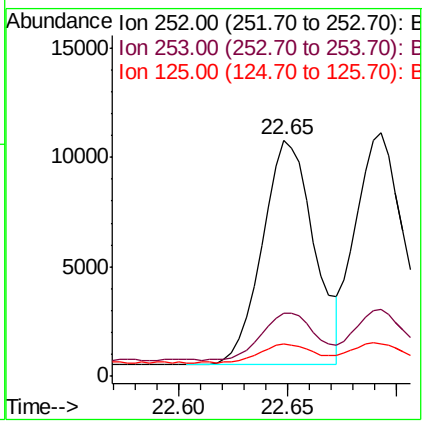


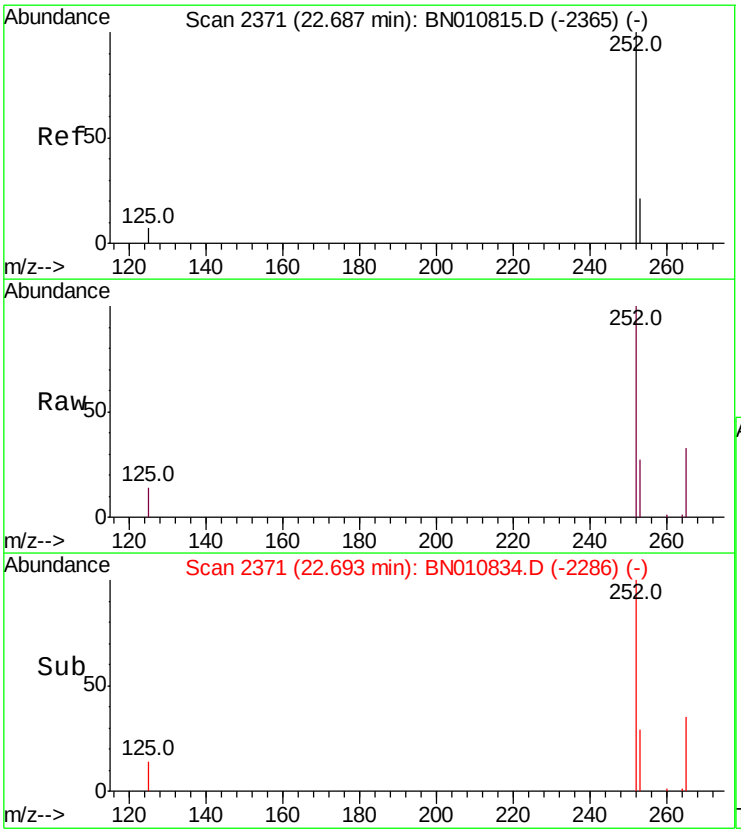
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.65 min Scan# 2358
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16934

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.4	33.6
125	13.6	9.4	14.0

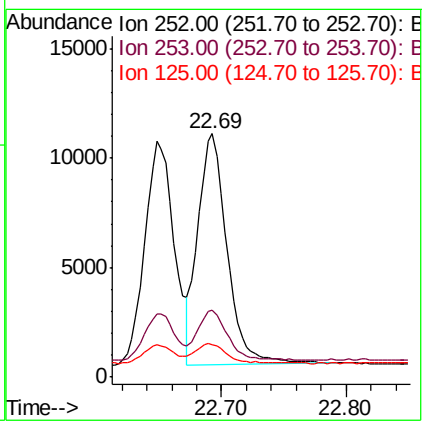


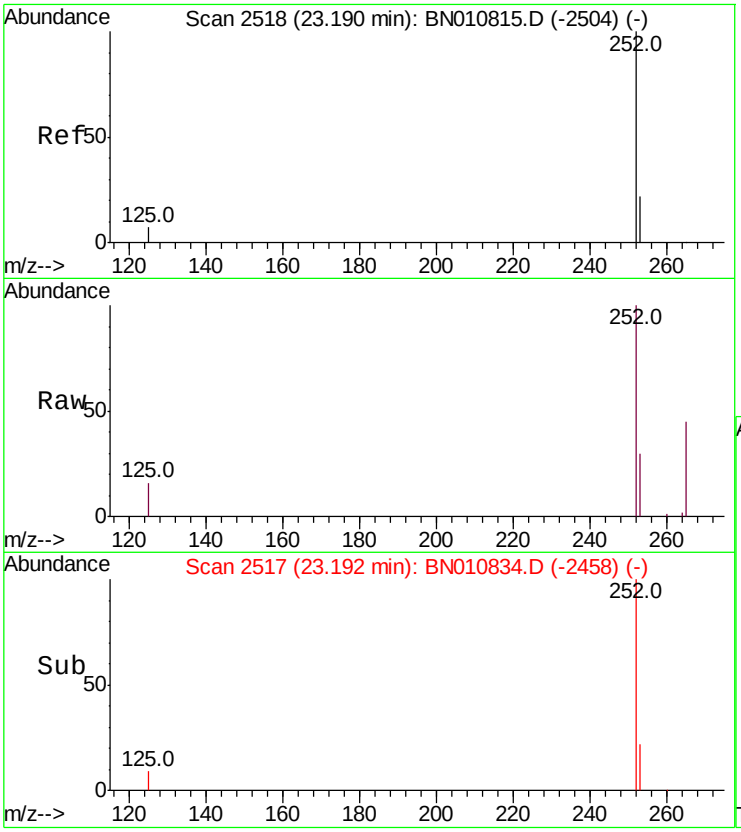


#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.01 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:252 Resp: 17091

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.2	33.4
125	13.6	9.8	14.8



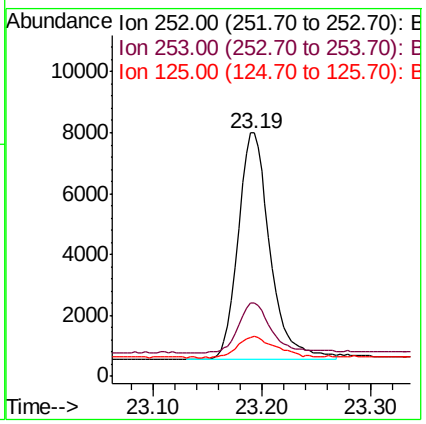


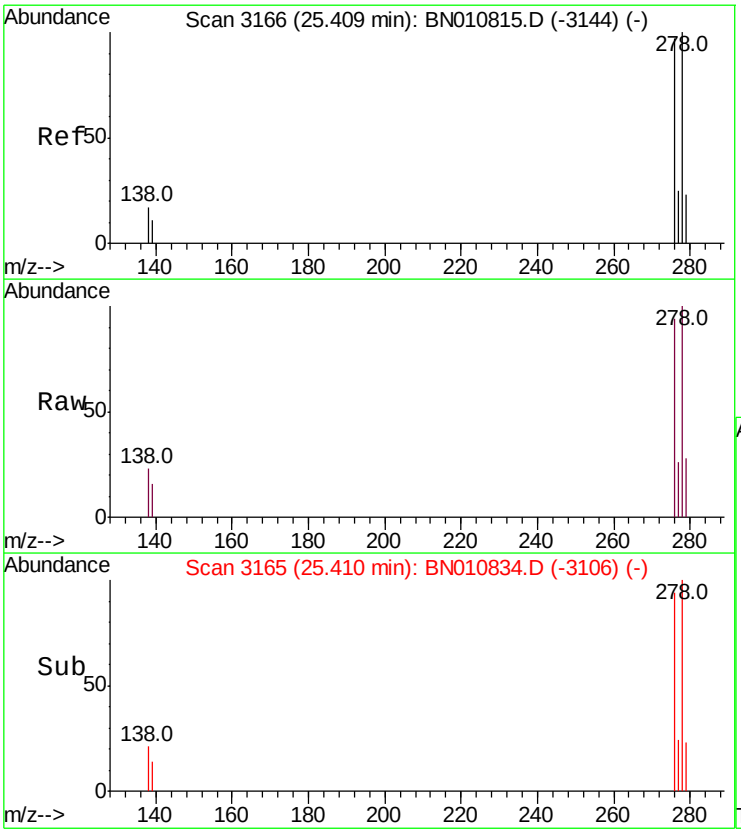
#37
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.19 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 15200

Ion	Ratio	Lower	Upper
252	100		
253	30.2	25.8	38.8
125	16.2	12.4	18.6

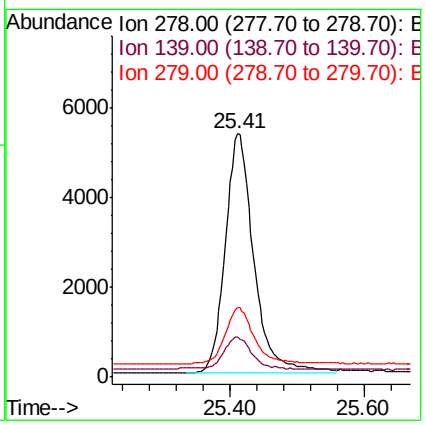


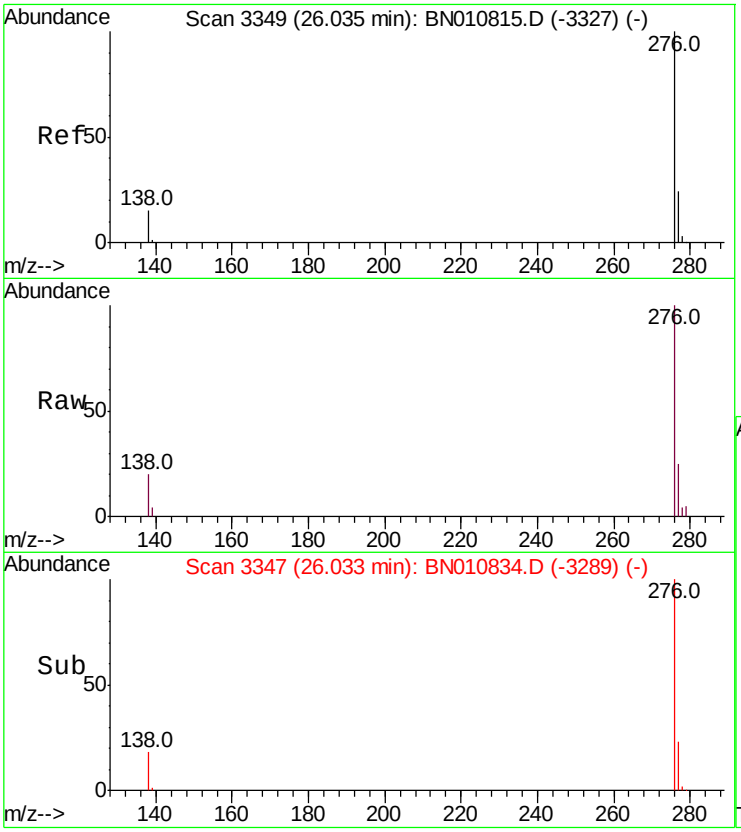


#38
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 25.41 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Tgt Ion:278 Resp: 15814

Ion	Ratio	Lower	Upper
278	100		
139	16.4	10.6	15.8#
279	28.4	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.369 ng
RT: 26.03 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BN010834.D
Acq: 11 Jun 2020 11:33

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 16384

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.5	30.7
138	20.4	13.7	20.5