Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061220\
Data File : BN010840.D
Acq On : 12 Jun 2020 09:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 12 11:12:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 11:11:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3472	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	12763	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	7133	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	14808	0.40	ng		0.00
27) Chrysene-d12	21.13	240	15251	0.40	ng		0.00
34) Perylene-d12	23.28	264	16639	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3692	0.55	ng		0.00
5) Phenol-d6	6.75	99	4403	0.56	ng		0.00
8) Nitrobenzene-d5	8.69	82	3943	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.90	152	9074	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1136	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	11515	0.41	ng		0.00
25) Fluoranthene-d10	18.96	212	19602	0.48	ng		0.00
29) Terphenyl-d14	19.58	244	14633	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1449	0.426	ng		98
3) n-Nitrosodimethylamine	3.55	42	781	0.395	ng	#	93
6) bis(2-Chloroethyl)ether	7.00	93	3814	0.495	ng		93
9) Naphthalene	10.35	128	13564	0.423	ng		99
10) Hexachlorobutadiene	10.65	225	3109	0.392	ng	#	100
12) 2-Methylnaphthalene	11.97	142	9205	0.429	ng		98
16) Acenaphthylene	13.89	152	12675	0.434	ng		100
17) Acenaphthene	14.24	154	8391	0.421	ng		98
18) Fluorene	15.23	166	10703	0.416	ng		98
20) 4-Bromophenyl-phenylether	16.12	248	3453	0.388	ng	#	78
21) Hexachlorobenzene	16.24	284	3869	0.417	ng		96
22) Pentachlorophenol	16.59	266	1437	0.461	ng		97
23) Phenanthrene	16.96	178	17242	0.426	ng		99
24) Anthracene	17.06	178	14891	0.441	ng		99
26) Fluoranthene	18.99	202	20463	0.446	ng	#	98
28) Pyrene	19.36	202	21071	0.418	ng		99
30) Benzo(a)anthracene	21.12	228	20473	0.457	ng		99
31) Chrysene	21.16	228	21869	0.419	ng		100
32) Bis(2-ethylhexyl)phthalate	21.07	149	8902	0.596	ng		97
33) Indeno(1,2,3-cd)pyrene	25.40	276	25060	0.429	ng	#	96
35) Benzo(b)fluoranthene	22.65	252	21787	0.385	ng		98
36) Benzo(k)fluoranthene	22.69	252	22216	0.369	ng		98
37) Benzo(a)pyrene	23.19	252	19988	0.412	ng		95
38) Dibenzo(a,h)anthracene	25.41	278	20467	0.370	ng	#	95
39) Benzo(g,h,i)perylene	26.03	276	20824	0.360	ng		97

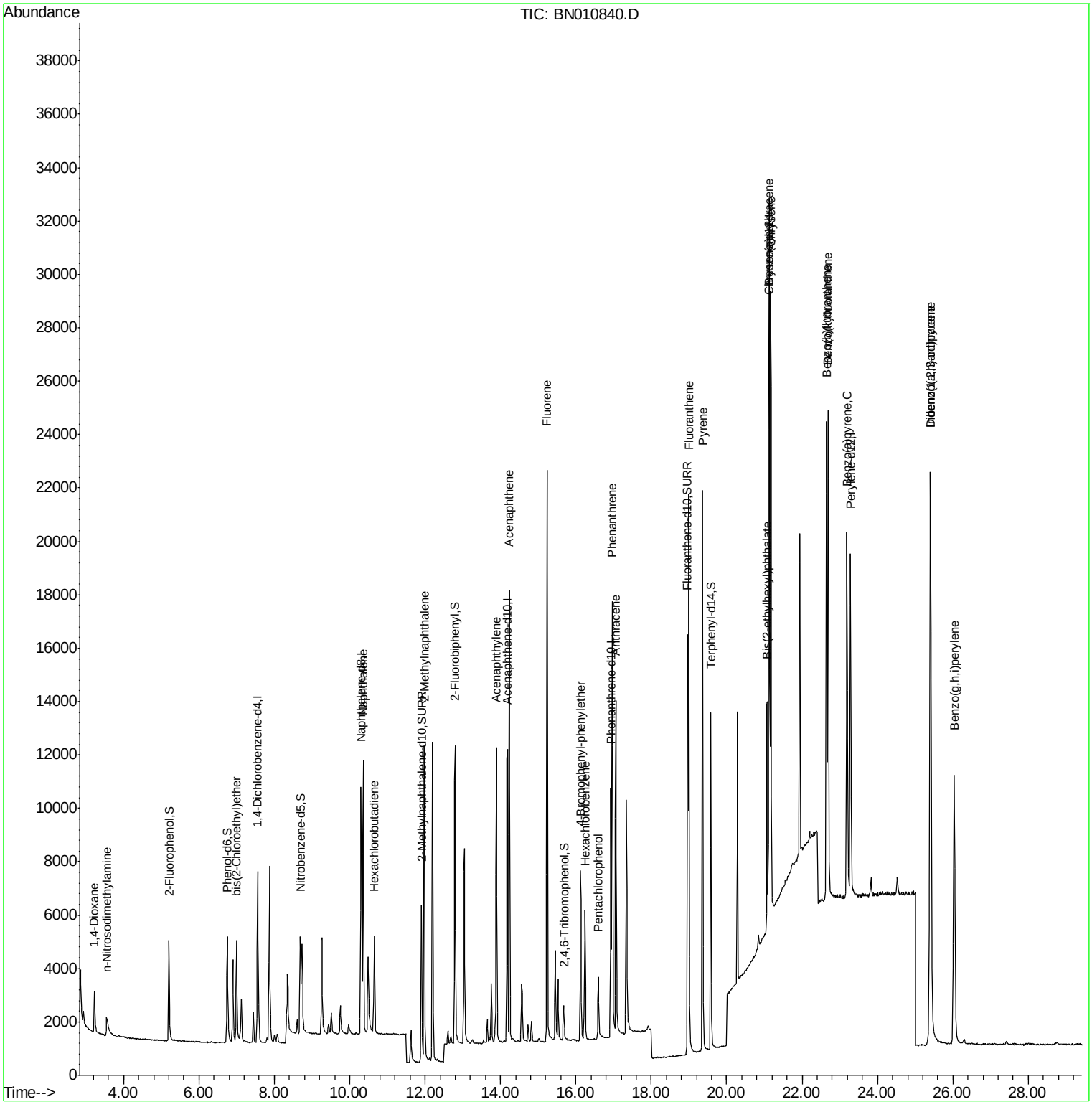
(#) = qualifier out of range (m) = manual integration (+) = signals summed

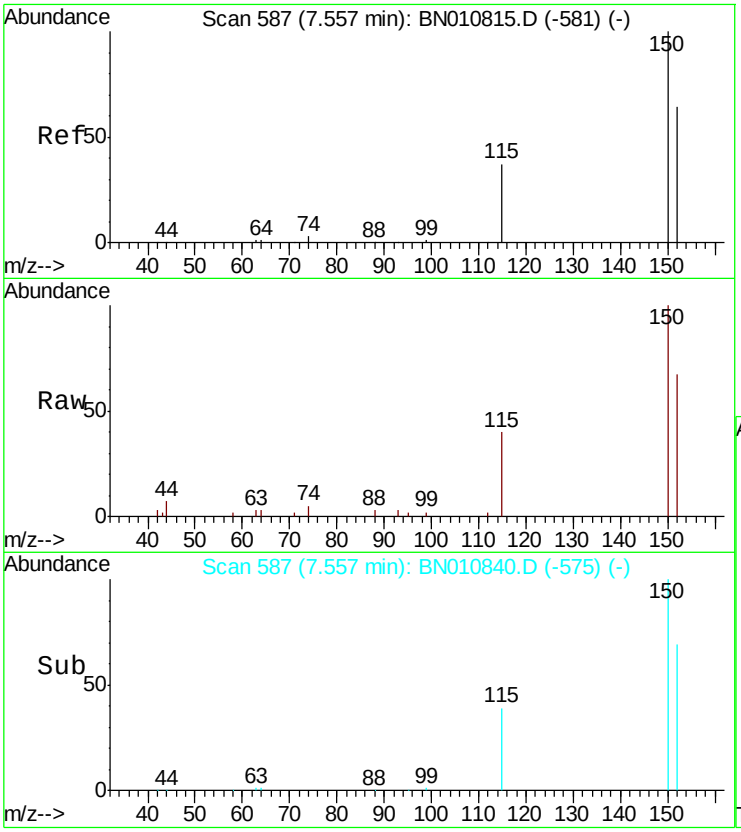
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061220\
Data File : BN010840.D
Acq On : 12 Jun 2020 09:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 12 11:12:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 11:11:17 2020
Response via : Initial Calibration



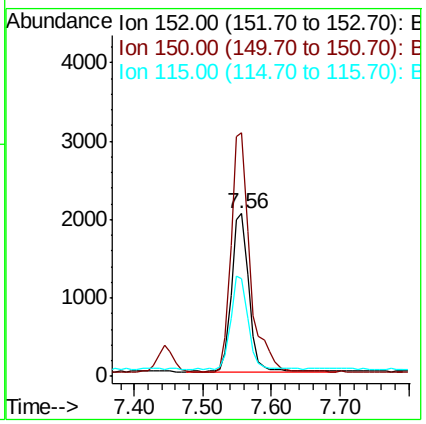


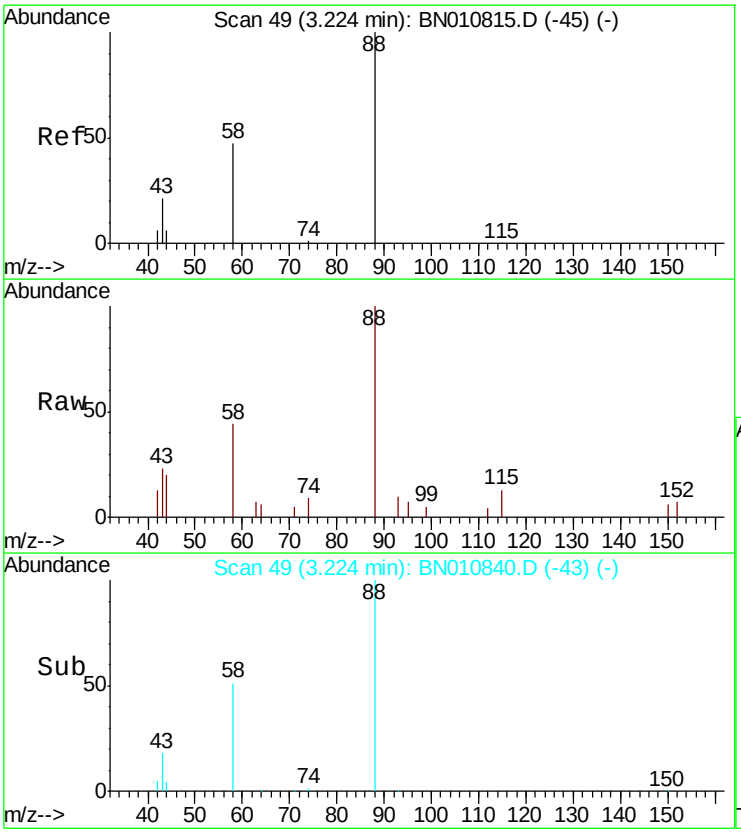
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3472

Ion	Ratio	Lower	Upper
152	100		
150	149.7	123.8	185.6
115	60.3	49.2	73.8

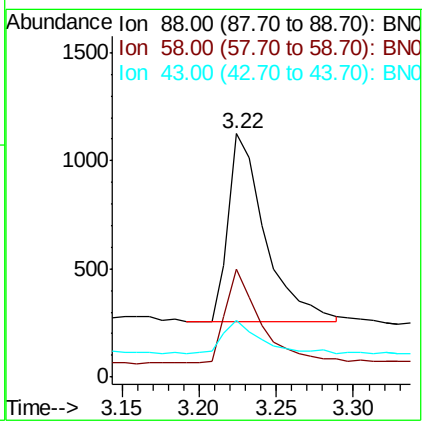


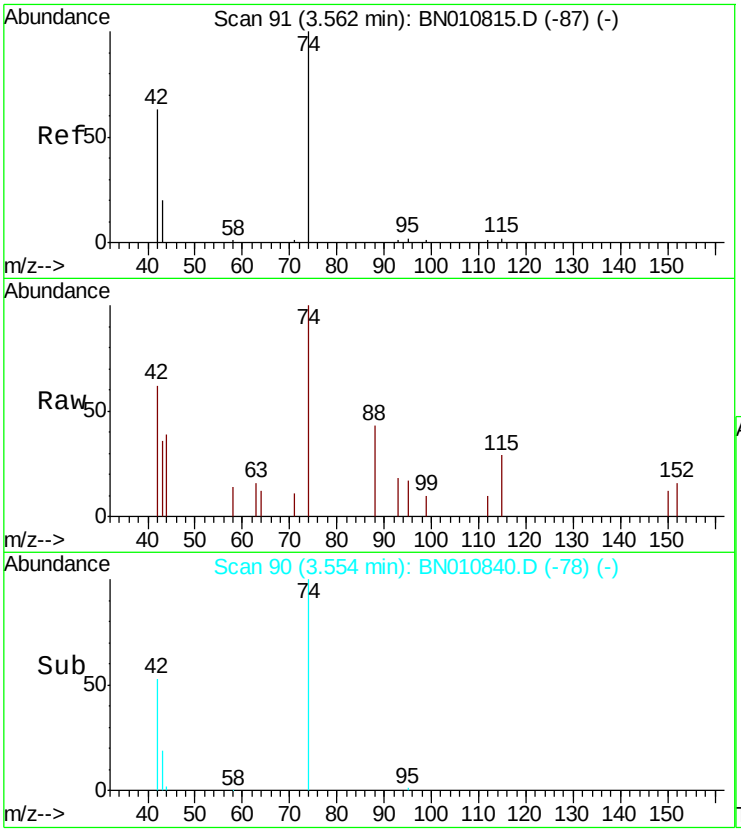


#2
1,4-Dioxane
Concen: 0.426 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion: 88 Resp: 1449

Ion	Ratio	Lower	Upper
88	100		
58	47.2	38.2	57.4
43	16.9	15.1	22.7



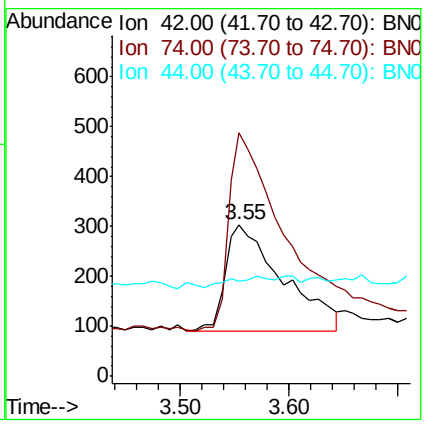


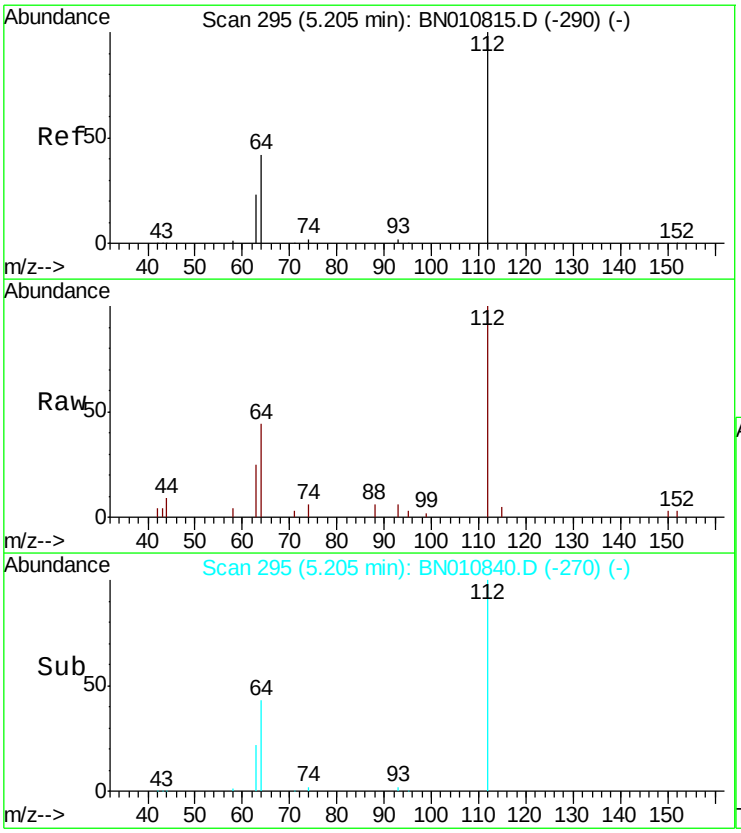
#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 781

Ion	Ratio	Lower	Upper
42	100		
74	185.4	140.7	211.1
44	7.8	1.4	2.2#

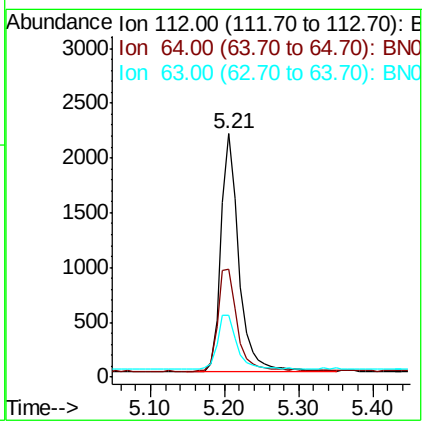


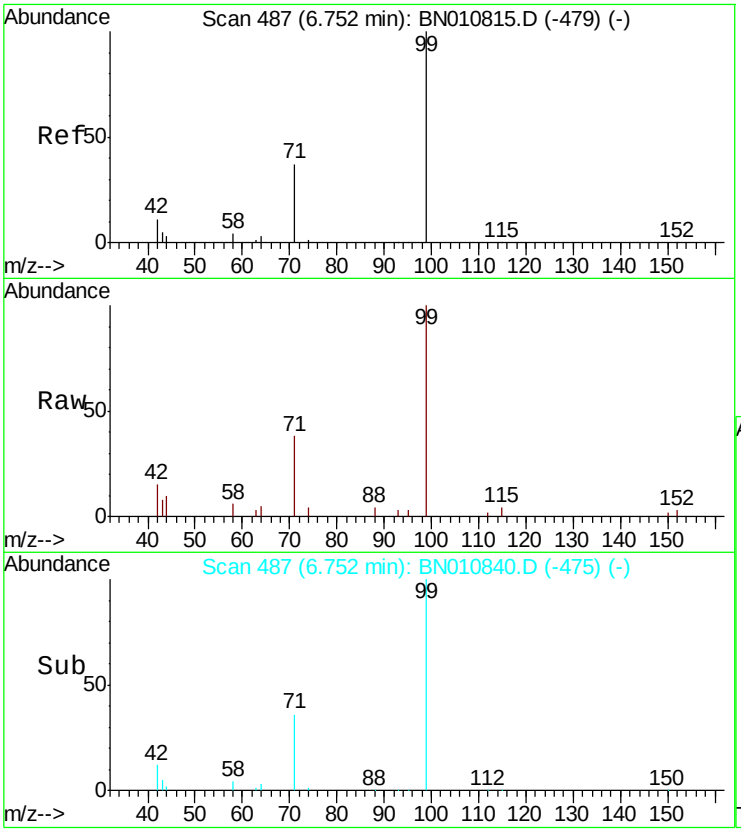


#4
2-Fluorophenol
Concen: 0.551 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:112 Resp: 3692

Ion	Ratio	Lower	Upper
112	100		
64	46.4	37.4	56.0
63	25.1	22.2	33.4



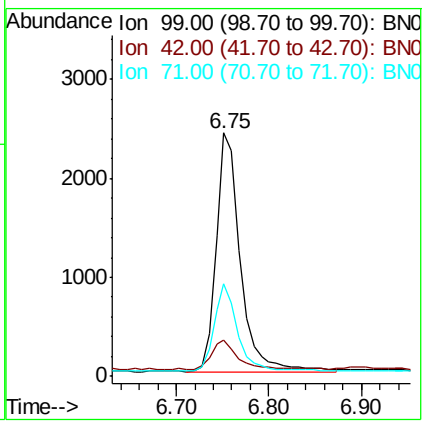


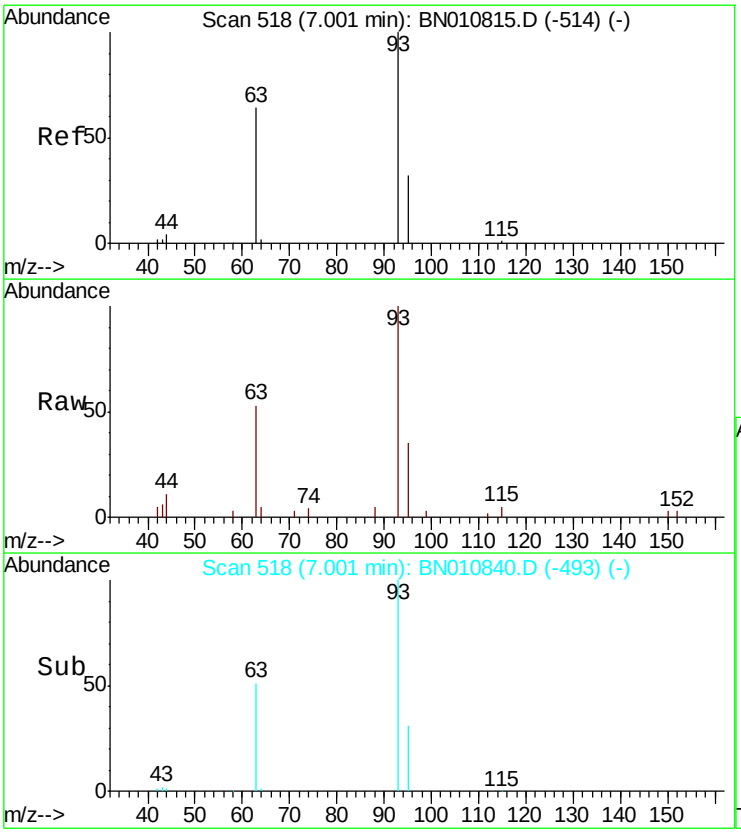
#5
Phenol-d6
Concen: 0.558 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4403

Ion	Ratio	Lower	Upper
99	100		
42	12.9	11.1	16.7
71	36.2	31.4	47.2

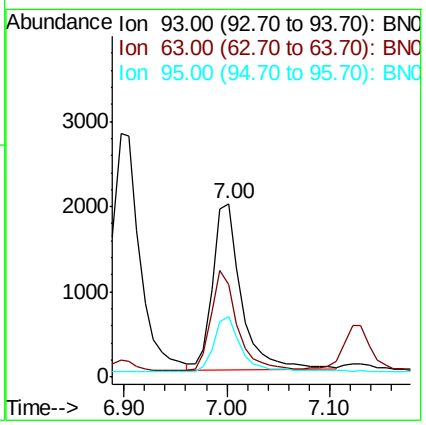


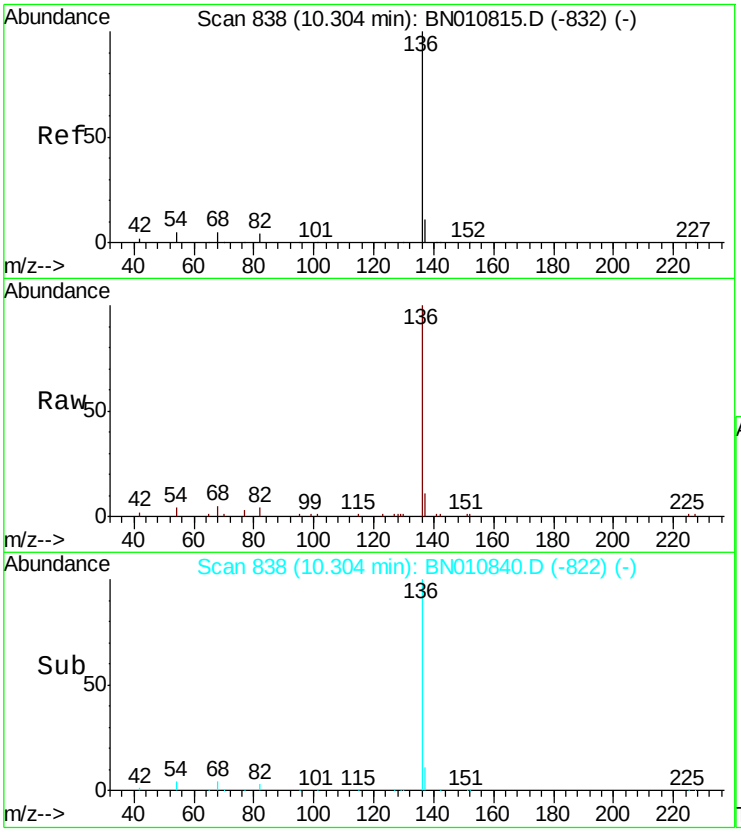


#6
bis(2-Chloroethyl)ether
Concen: 0.495 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion: 93 Resp: 3814

Ion	Ratio	Lower	Upper
93	100		
63	55.1	49.4	74.2
95	31.9	26.7	40.1



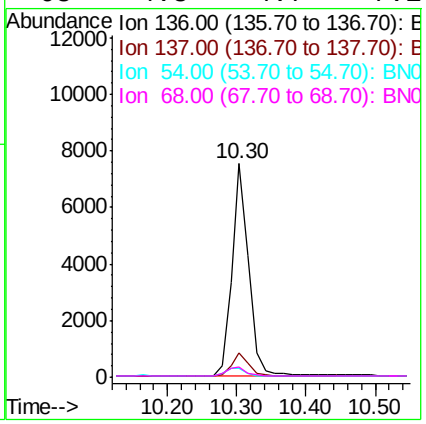


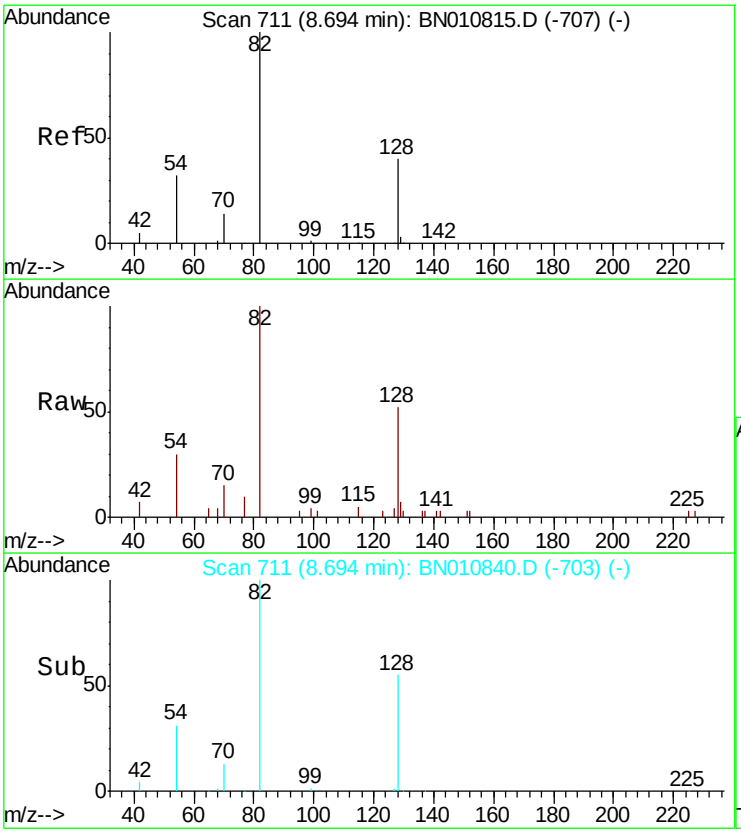
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 12763

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.7	14.5
54	4.2	4.9	7.3#
68	4.8	4.7	7.1

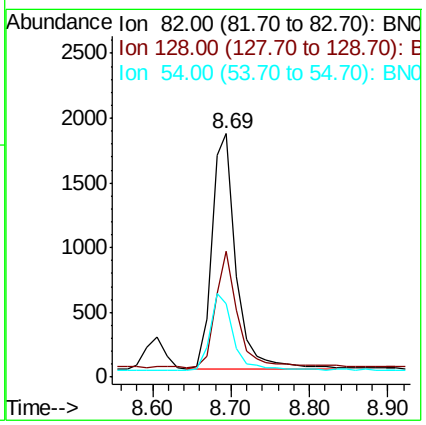


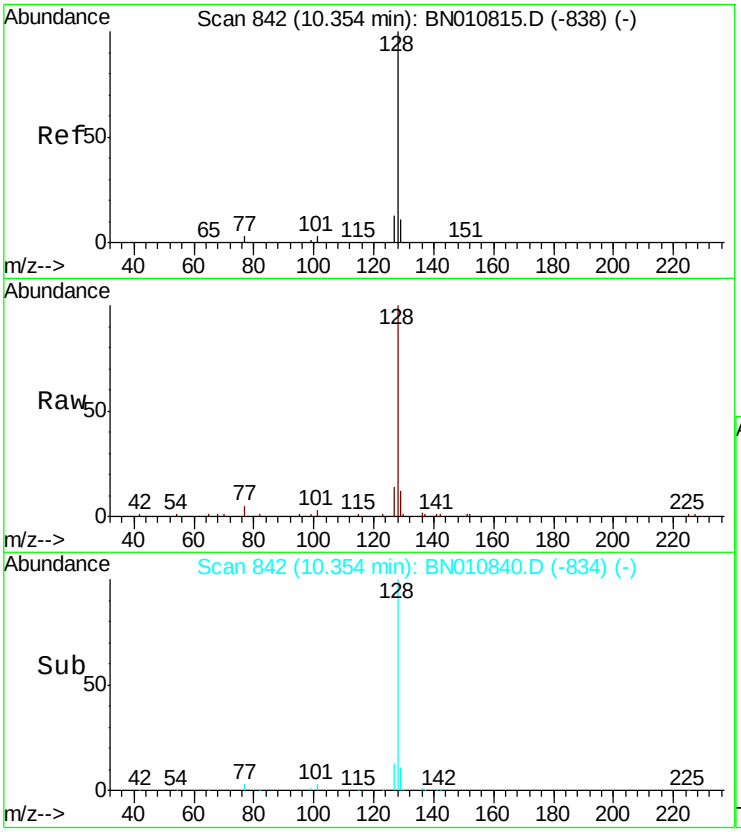


#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion: 82 Resp: 3943

Ion	Ratio	Lower	Upper
82	100		
128	51.8	35.4	53.0
54	29.9	28.2	42.4



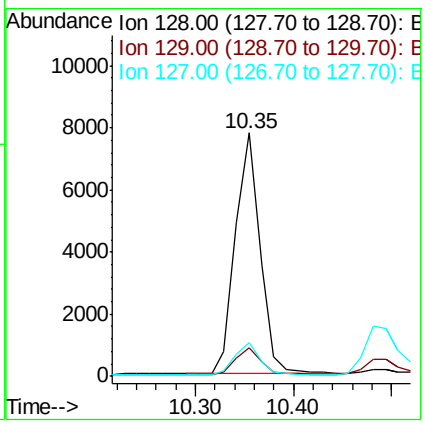


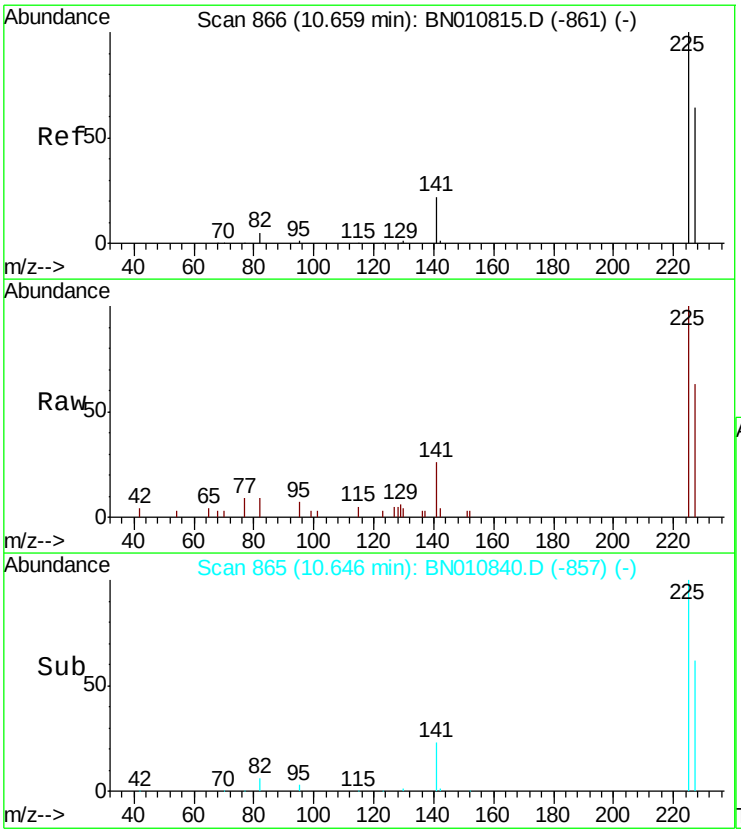
#9
Naphthalene
Concen: 0.423 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 13564

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.7	11.4	17.2

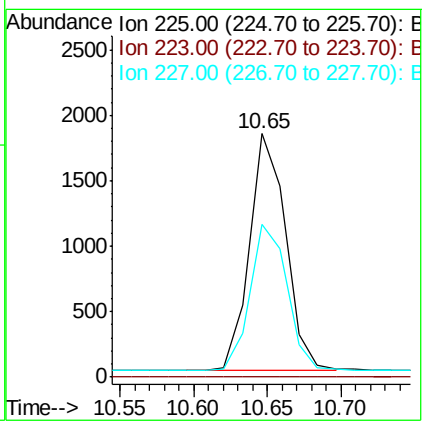


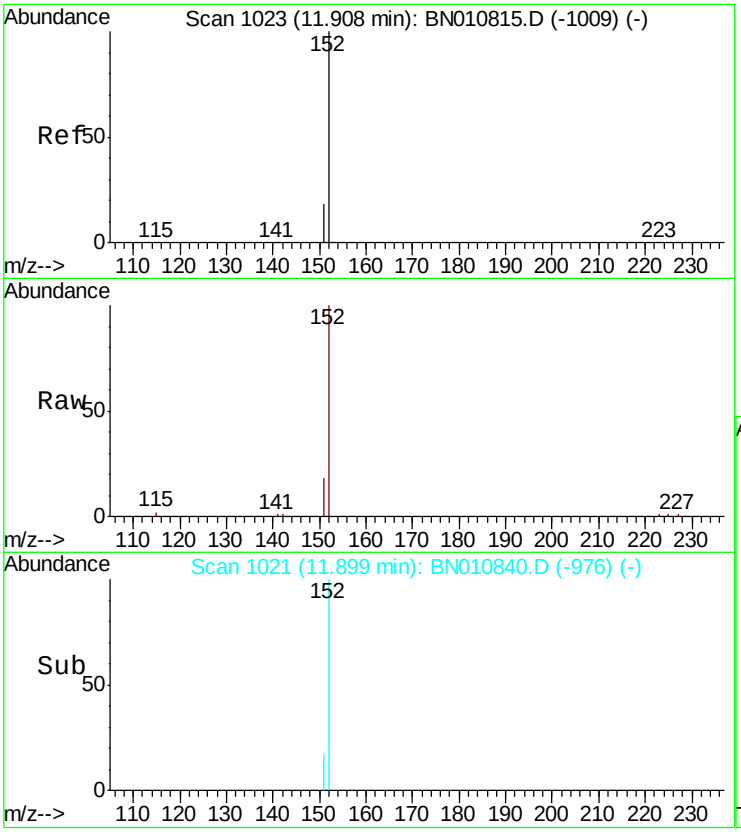


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 10.65 min Scan# 865
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:225 Resp: 3109

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.5	75.7



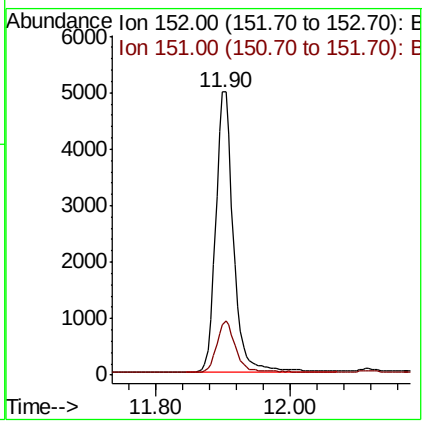


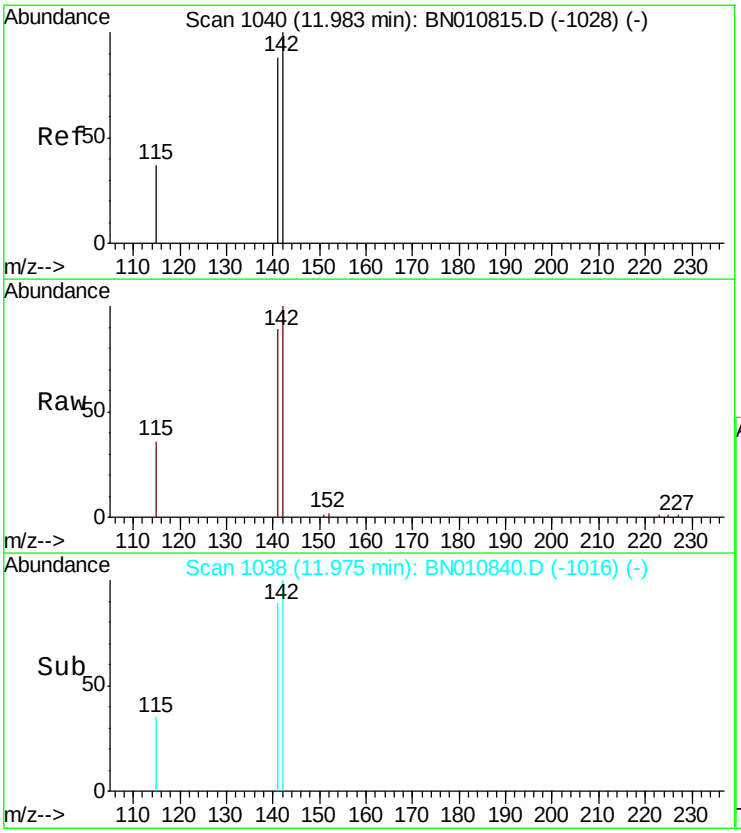
#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9074

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.3	22.9

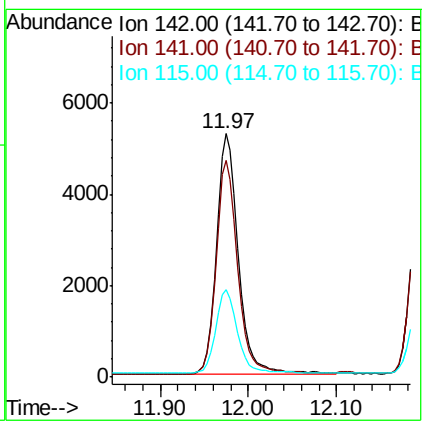


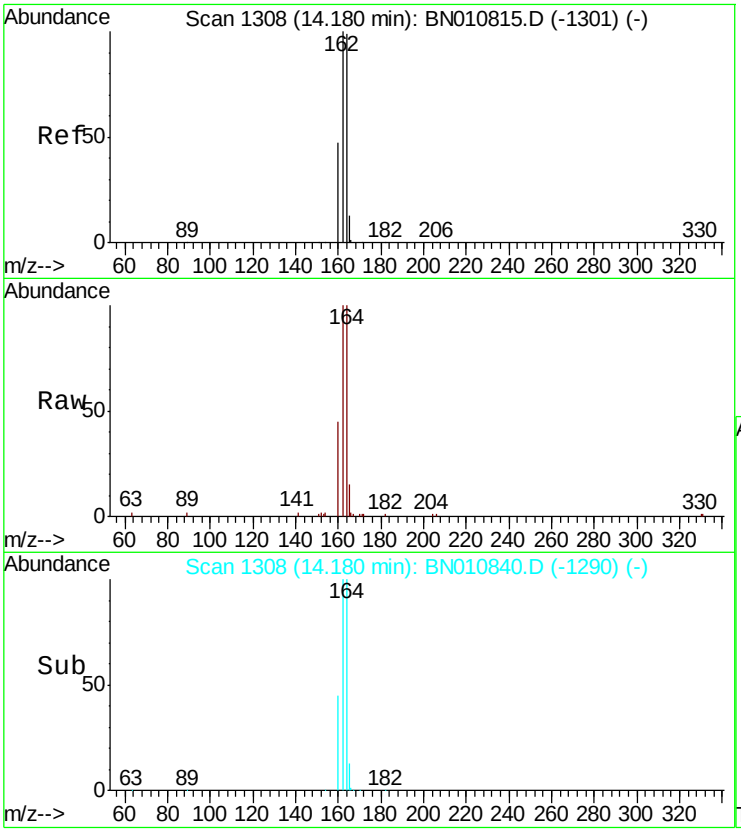


#12
2-Methylnaphthalene
Concen: 0.429 ng
RT: 11.97 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:142 Resp: 9205

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	35.8	31.5	47.3



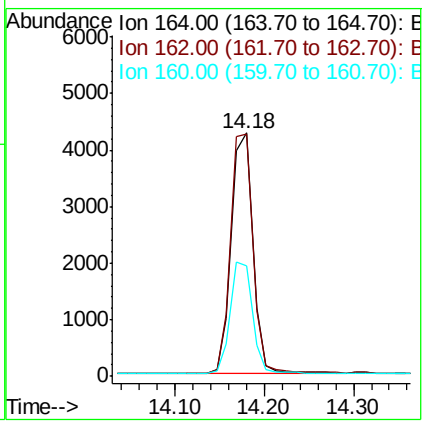


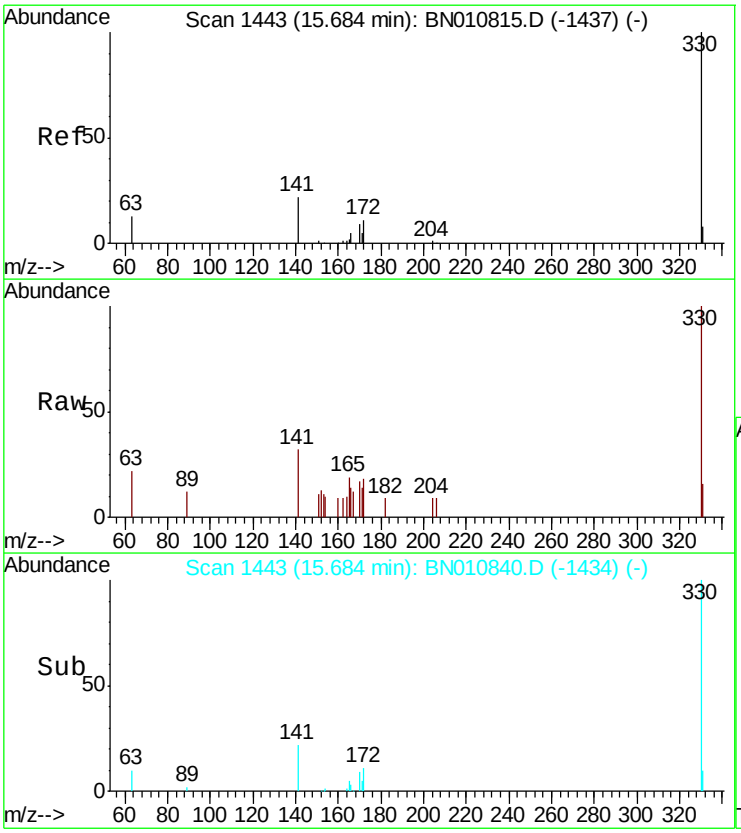
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7133

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.6
160	45.2	38.9	58.3

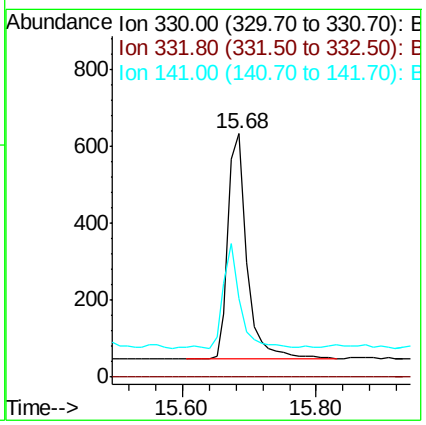


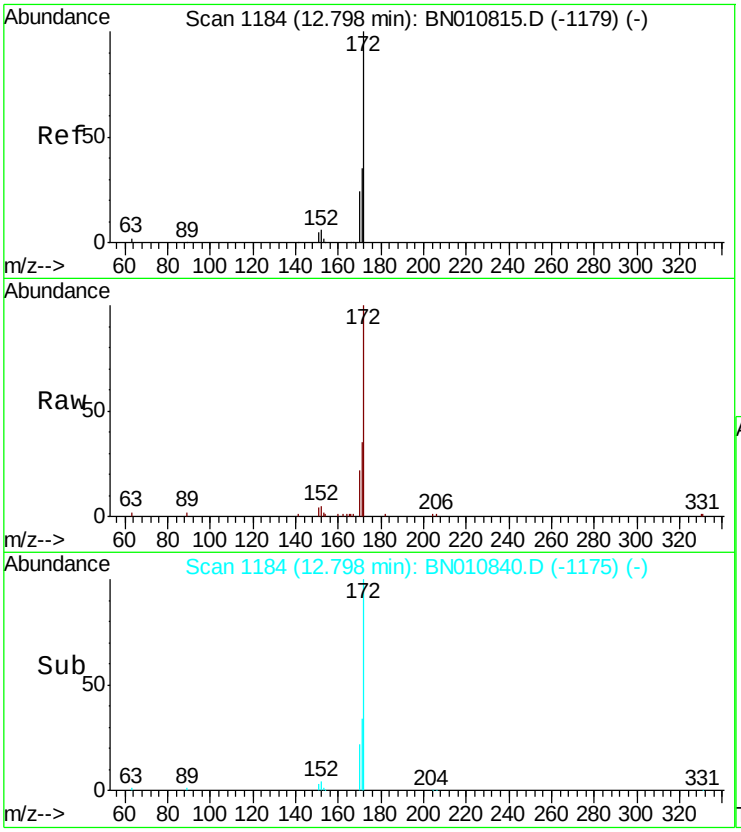


#14
2,4,6-Tribromophenol
Concen: 0.445 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:330 Resp: 1136

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.7	33.2	49.8



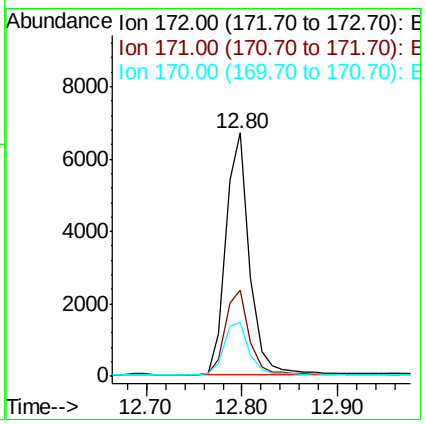


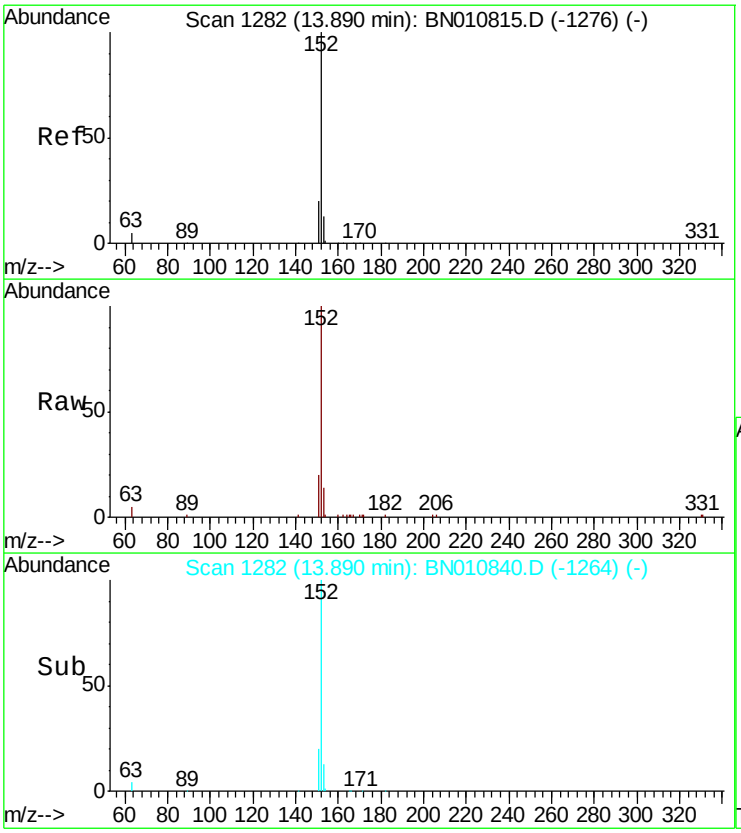
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11515

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

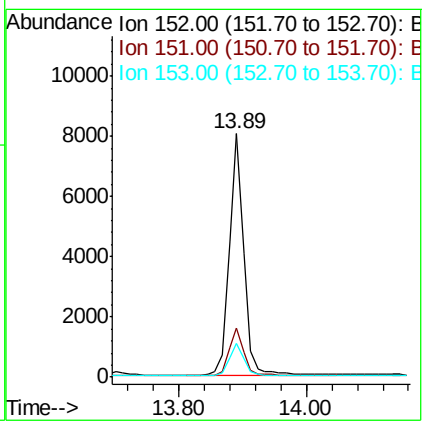


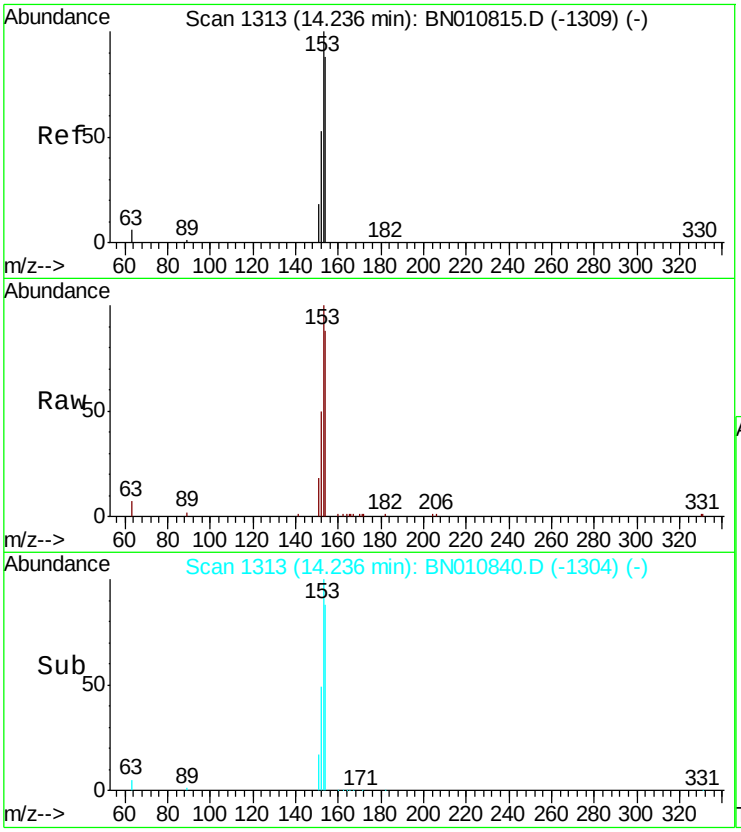


#16
Acenaphthylene
Concen: 0.434 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:152 Resp: 12675

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.0	10.6	16.0



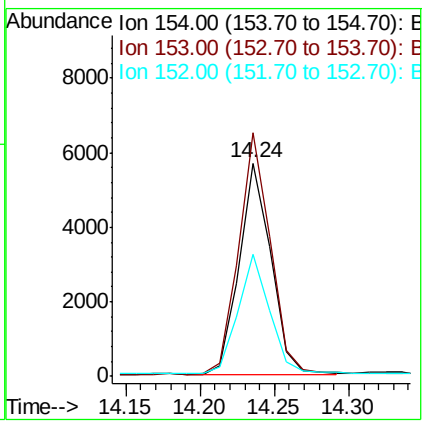


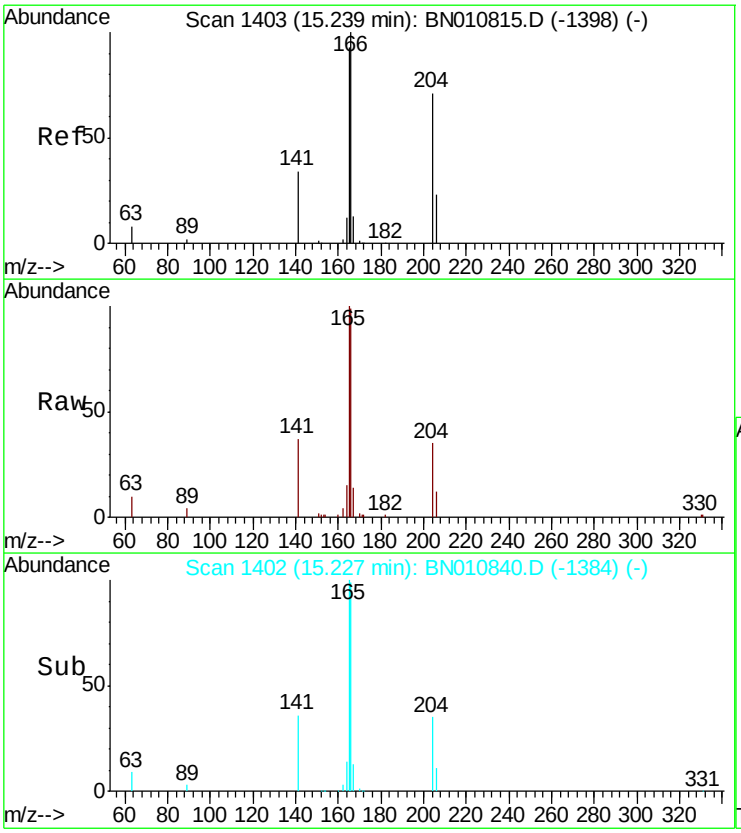
#17
Acenaphthene
Concen: 0.421 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8391

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.8	137.6
152	56.3	47.6	71.4

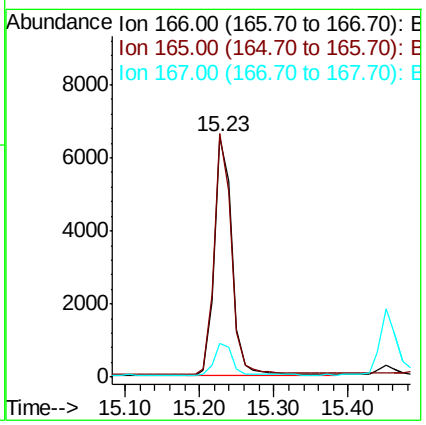


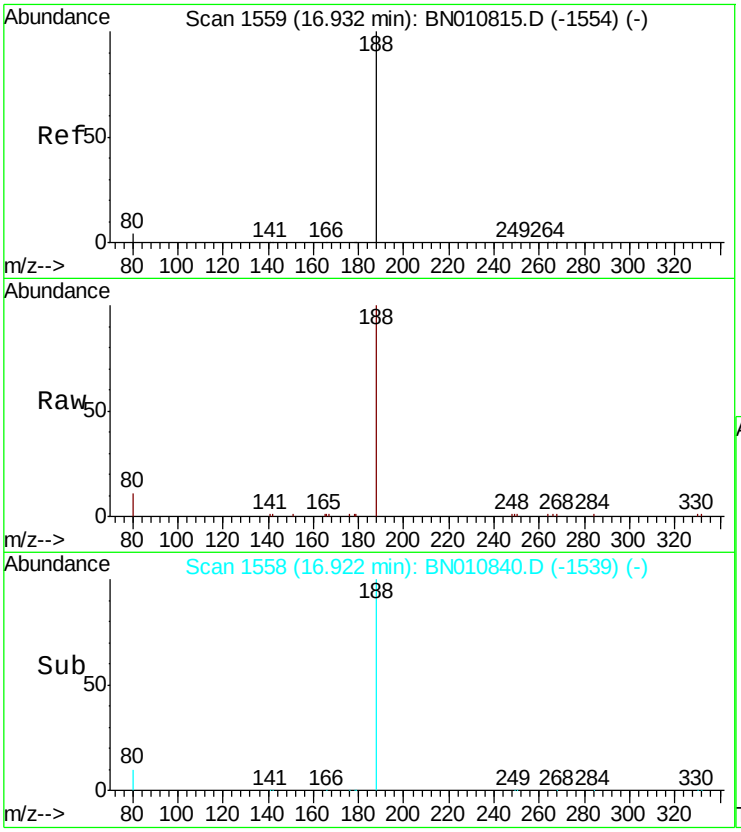


#18
Fluorene
Concen: 0.416 ng
RT: 15.23 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:166 Resp: 10703

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.2	115.8
167	13.6	10.7	16.1



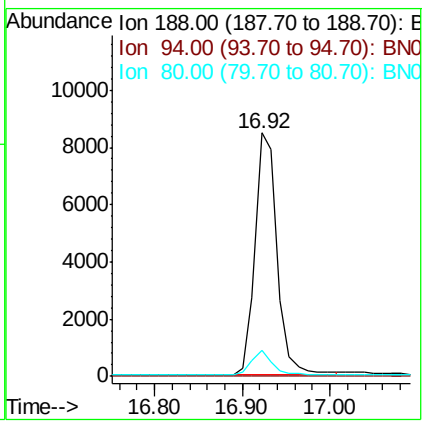


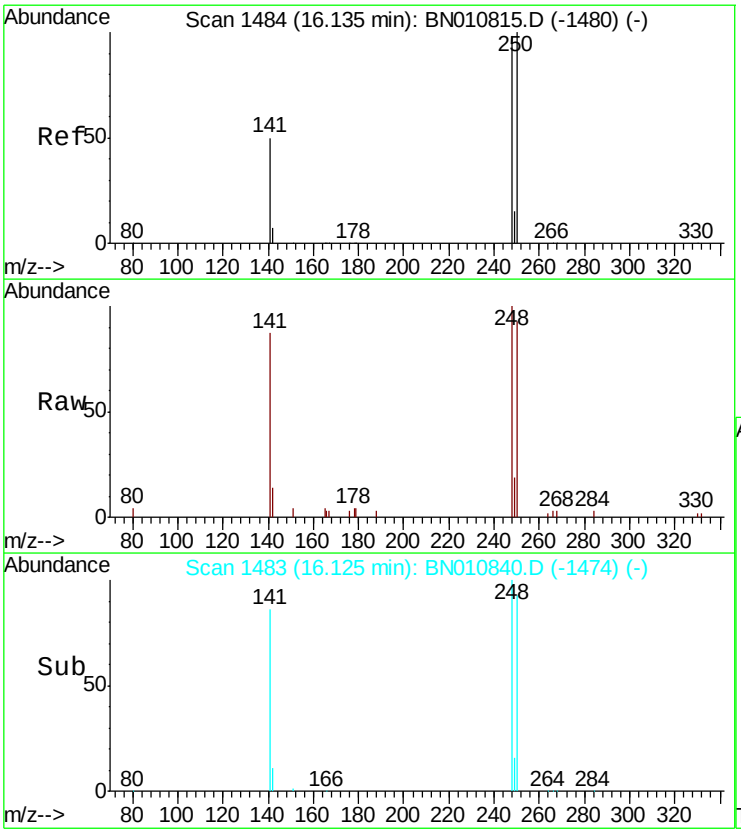
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 14808

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	4.5	6.7#

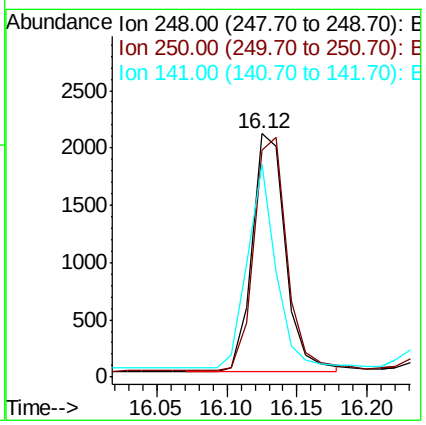


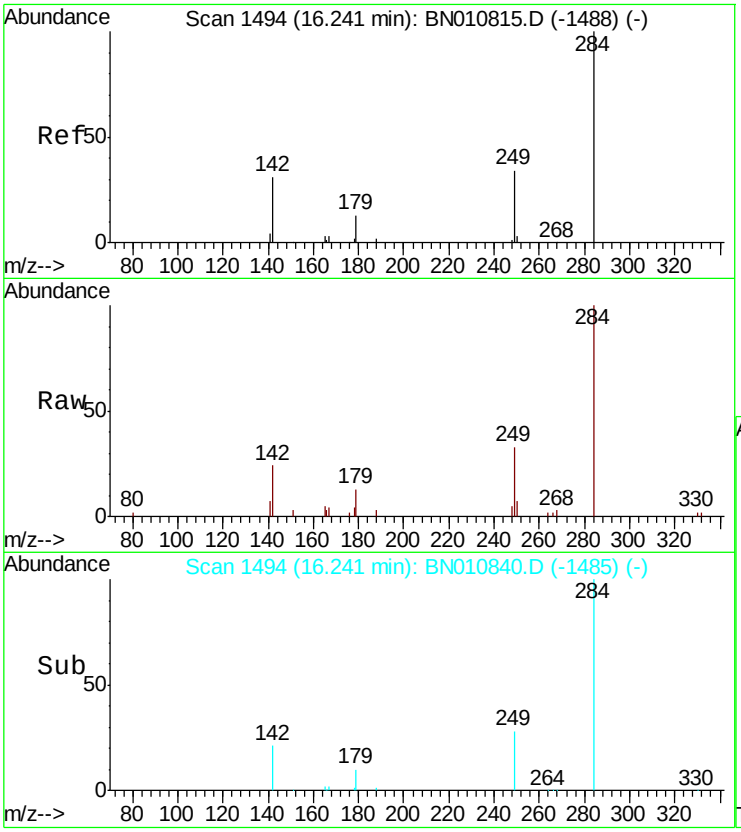


#20
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:248 Resp: 3453

Ion	Ratio	Lower	Upper
248	100		
250	93.3	81.8	122.8
141	87.4	42.6	64.0#



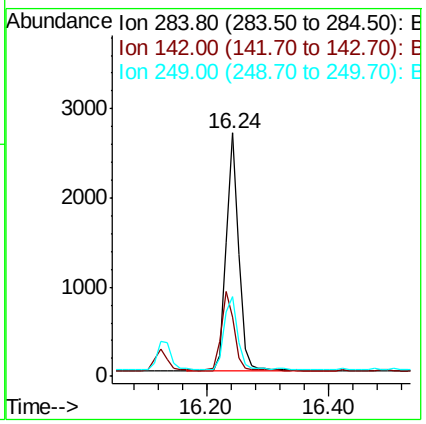


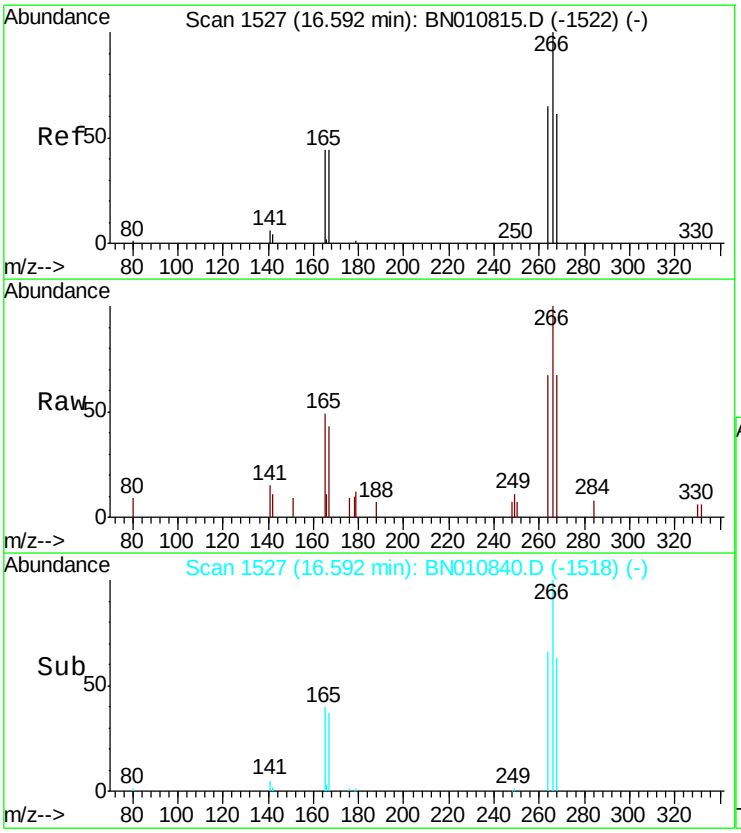
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 3869

Ion	Ratio	Lower	Upper
284	100		
142	34.0	31.0	46.4
249	34.1	27.1	40.7

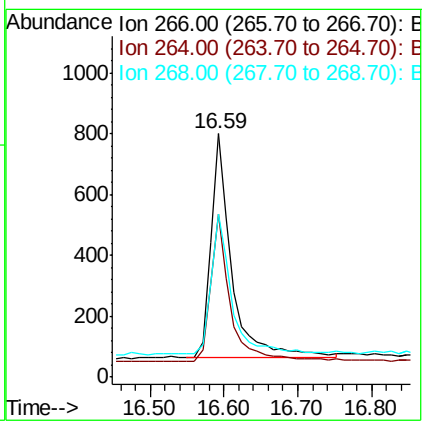


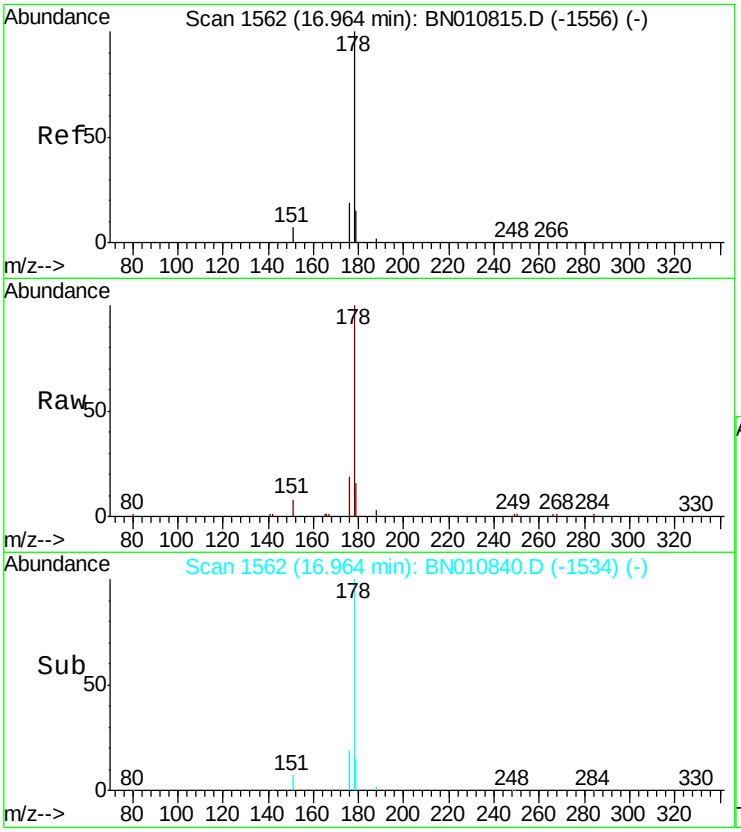


#22
Pentachlorophenol
Concen: 0.461 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:266 Resp: 1437

Ion	Ratio	Lower	Upper
266	100		
264	66.8	54.8	82.2
268	66.8	55.9	83.9



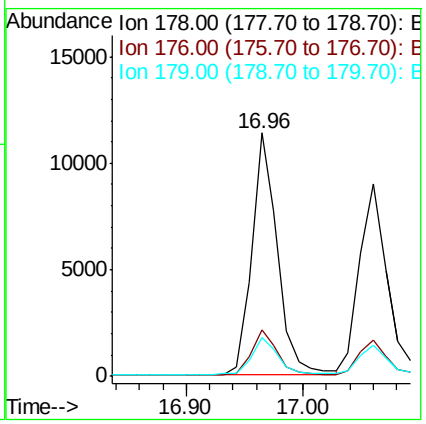


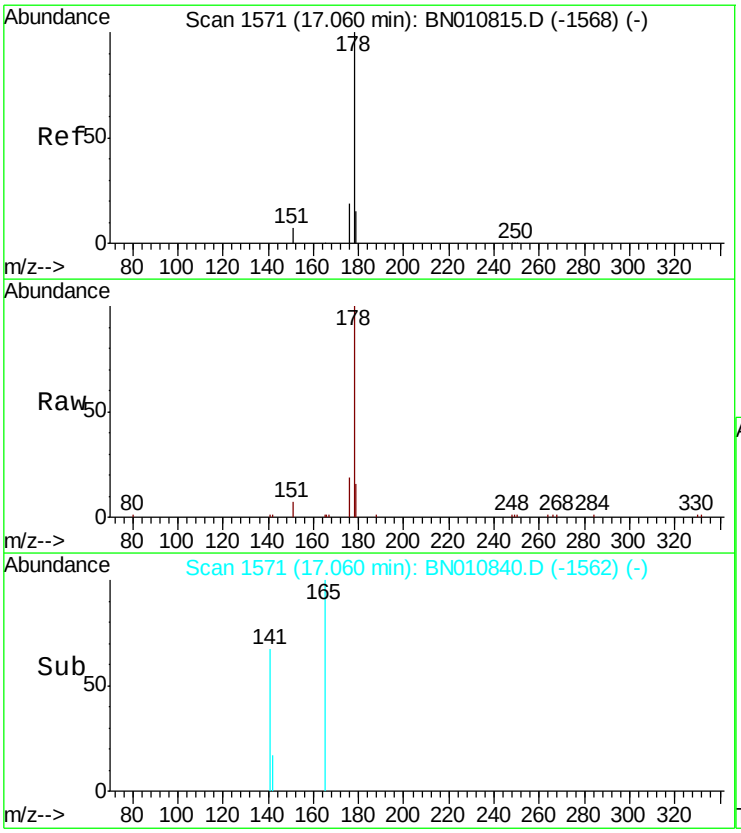
#23
Phenanthrene
Concen: 0.426 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 17242

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.6	12.6	19.0

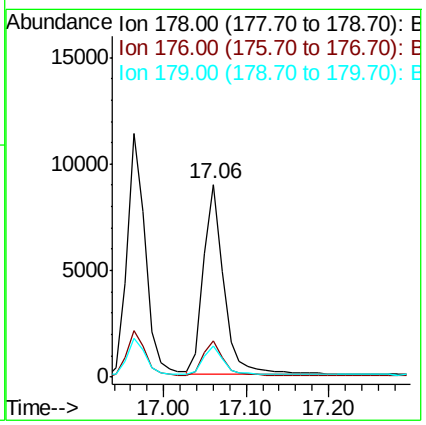


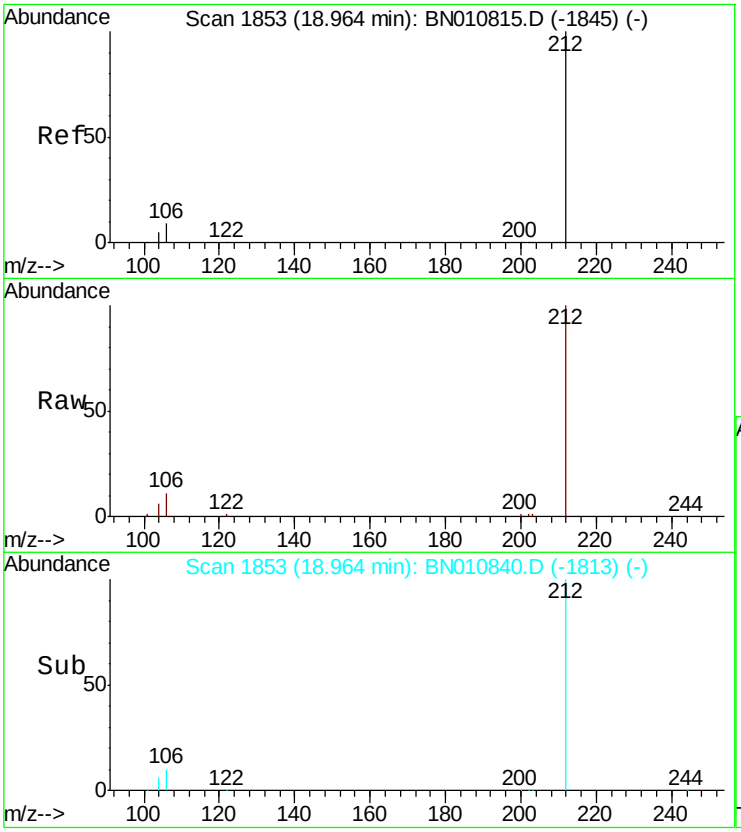


#24
Anthracene
Concen: 0.441 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:178 Resp: 14891

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.2	12.3	18.5



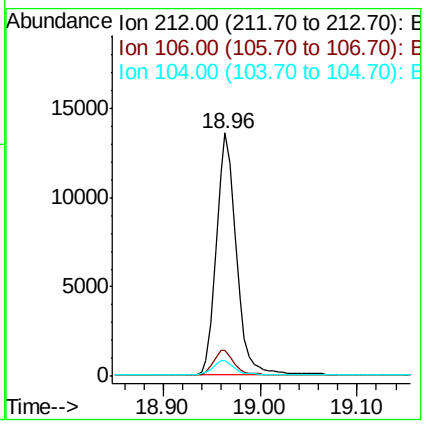


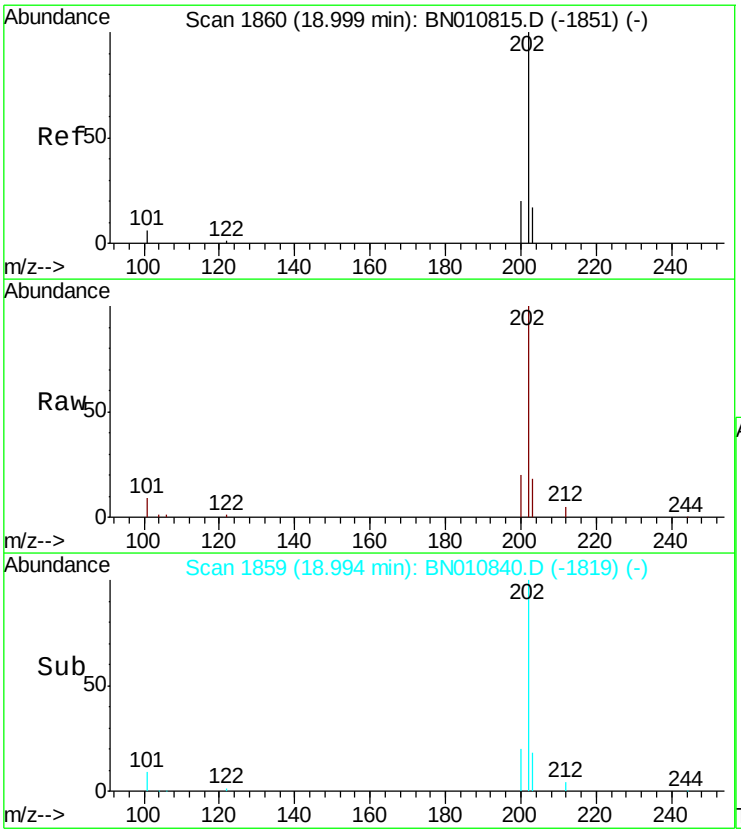
#25
Fluoranthene-d10
Concen: 0.480 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 19602

Ion	Ratio	Lower	Upper
212	100		
106	10.2	6.6	10.0#
104	6.0	4.0	6.0#

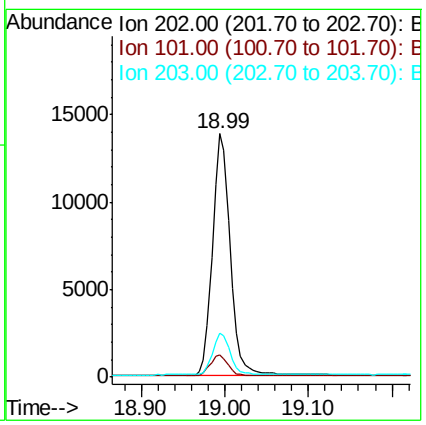


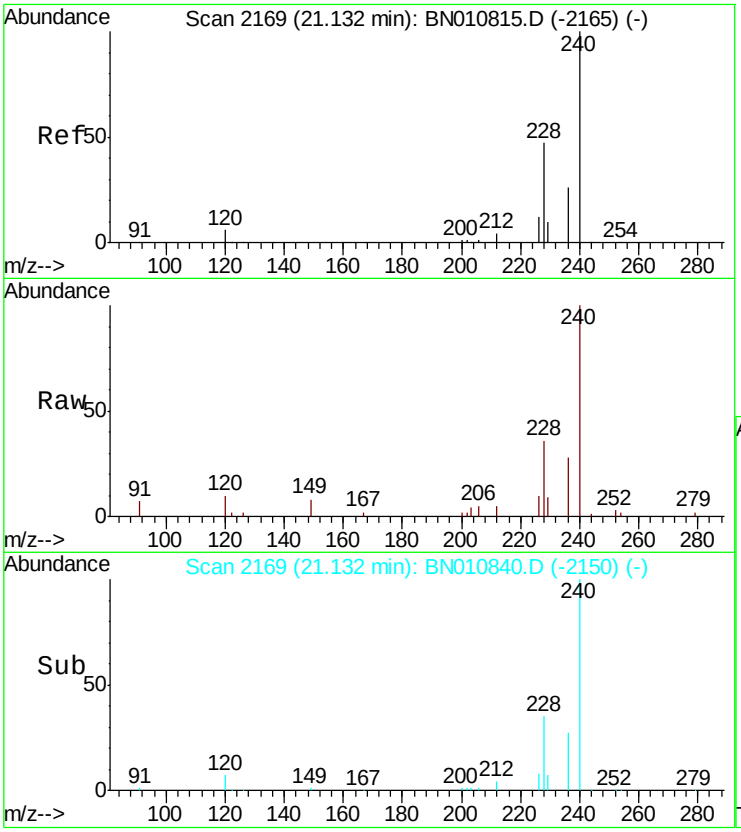


#26
Fluoranthene
Concen: 0.446 ng
RT: 18.99 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:202 Resp: 20463

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.8	8.6#
203	16.9	13.7	20.5



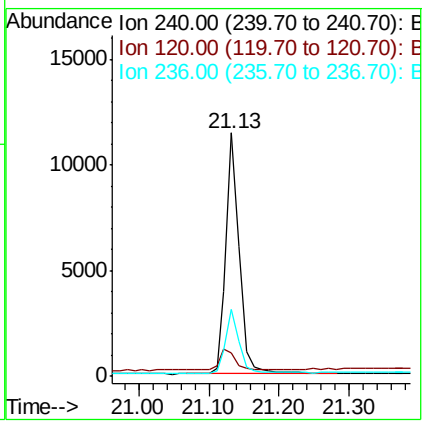


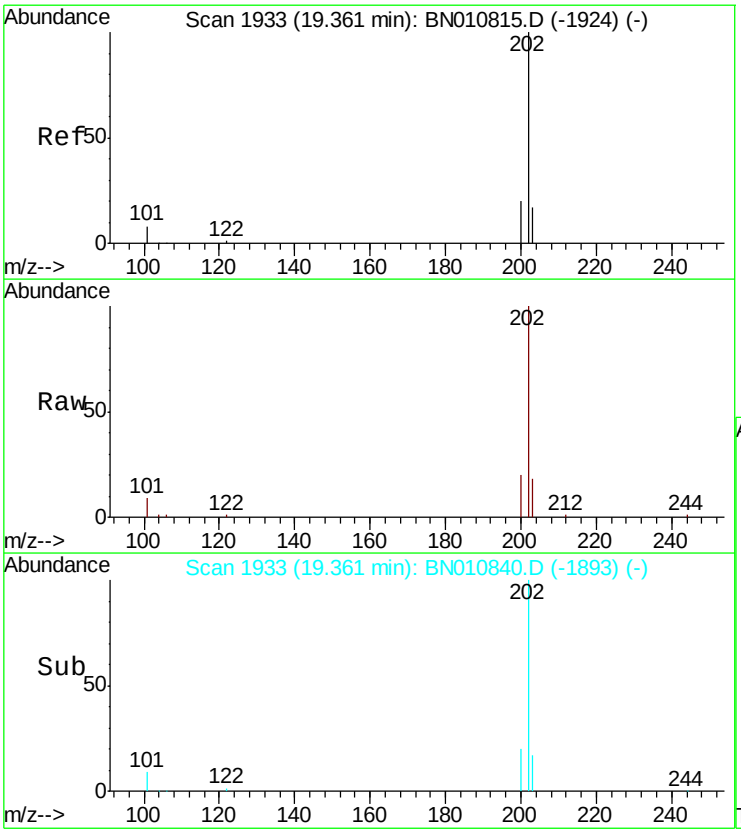
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15251

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.5	11.3
236	27.6	22.3	33.5

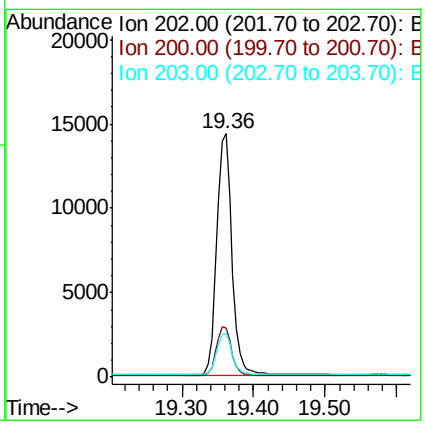


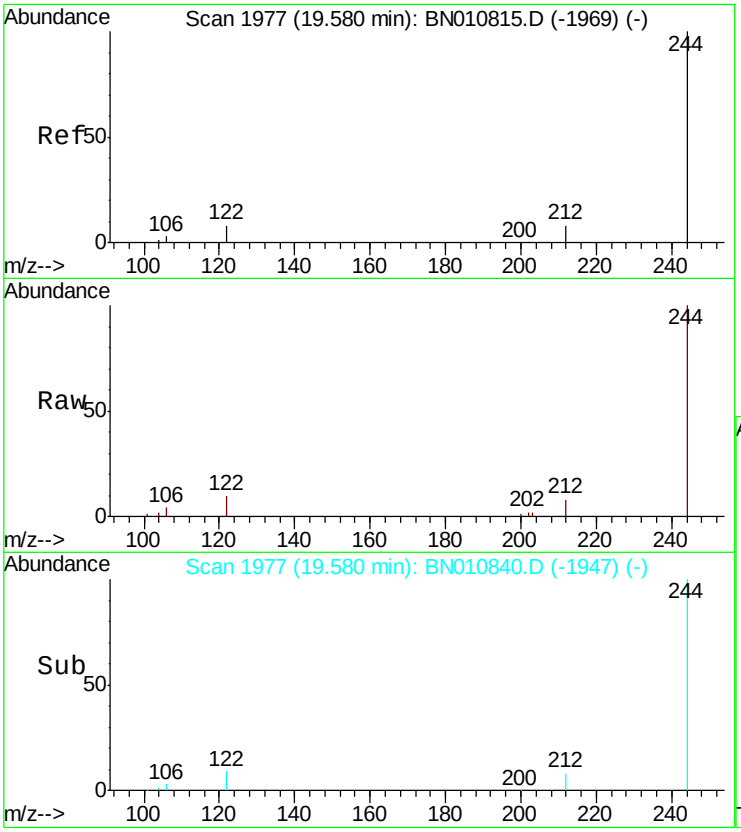


#28
Pyrene
Concen: 0.418 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:202 Resp: 21071

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.4	24.6
203	17.5	14.2	21.4



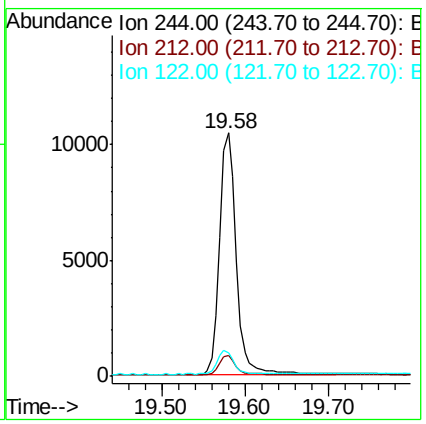


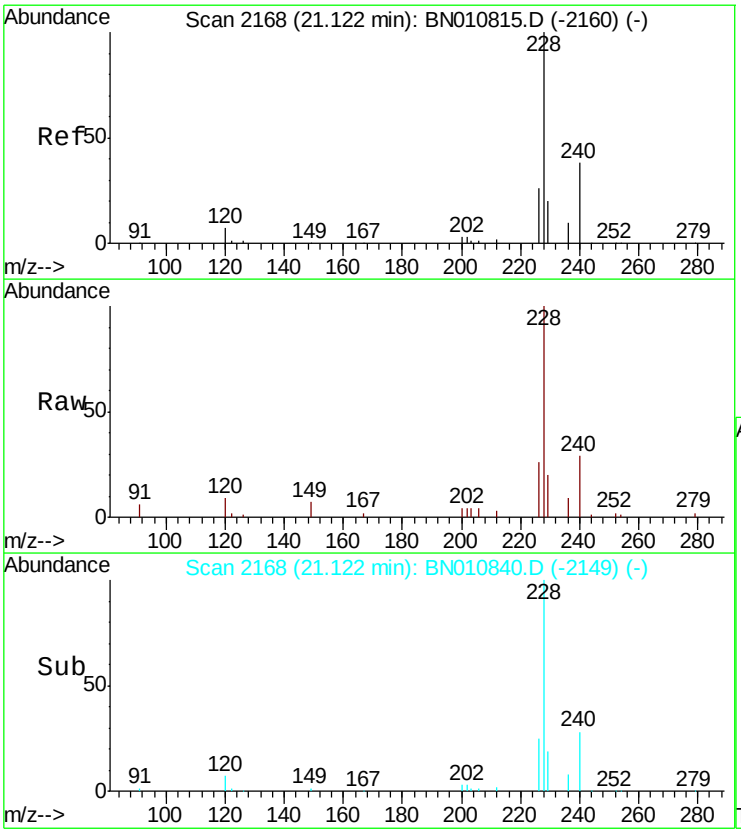
#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 14633

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	9.8	7.5	11.3

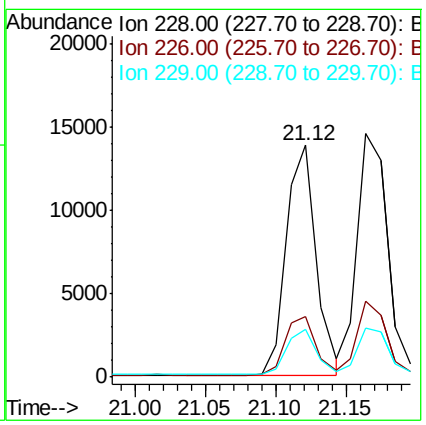


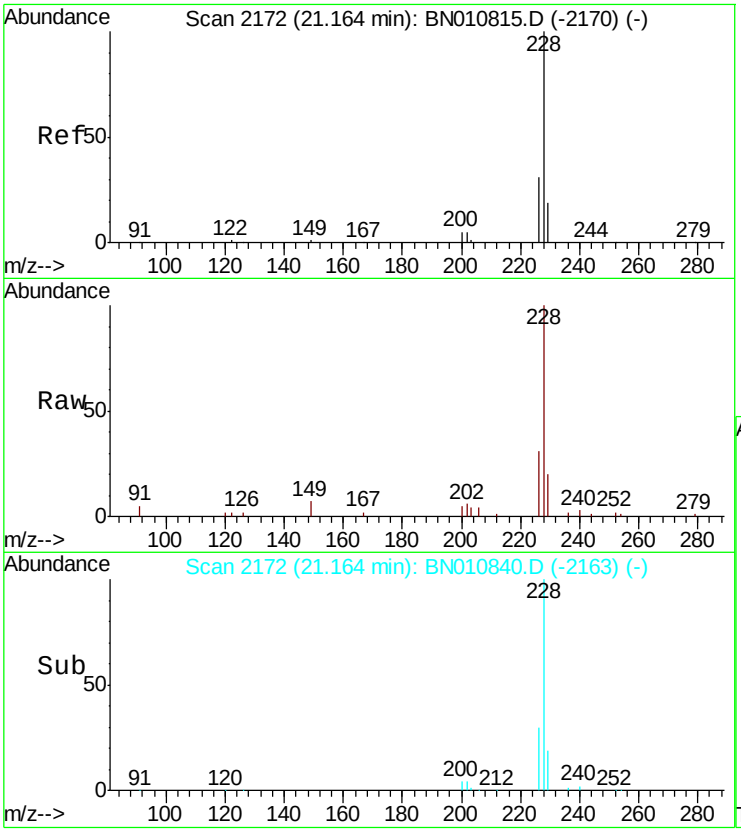


#30
Benzo(a)anthracene
Concen: 0.457 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:228 Resp: 20473

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.3	31.9
229	20.4	16.6	24.8



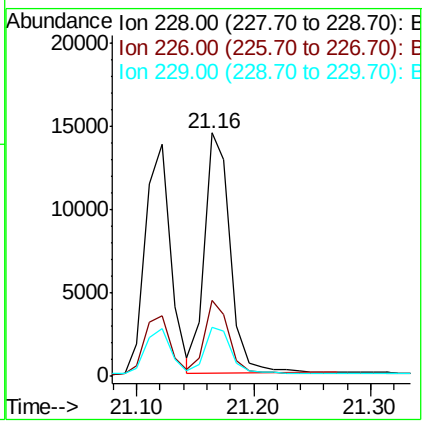


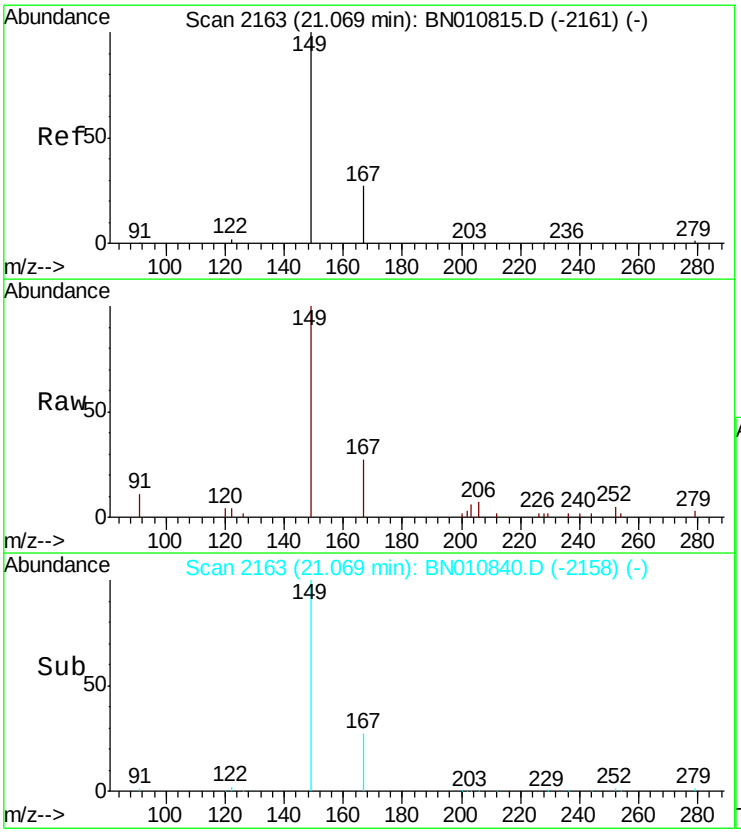
#31
Chrysene
Concen: 0.419 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 21869

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.2	16.1	24.1

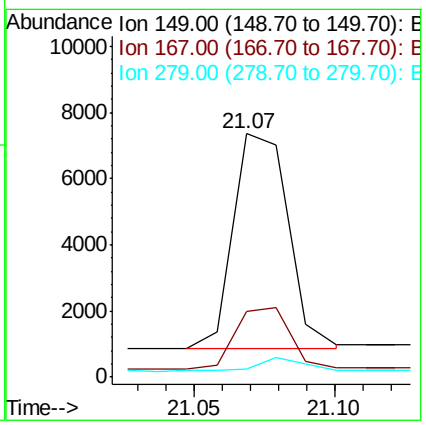


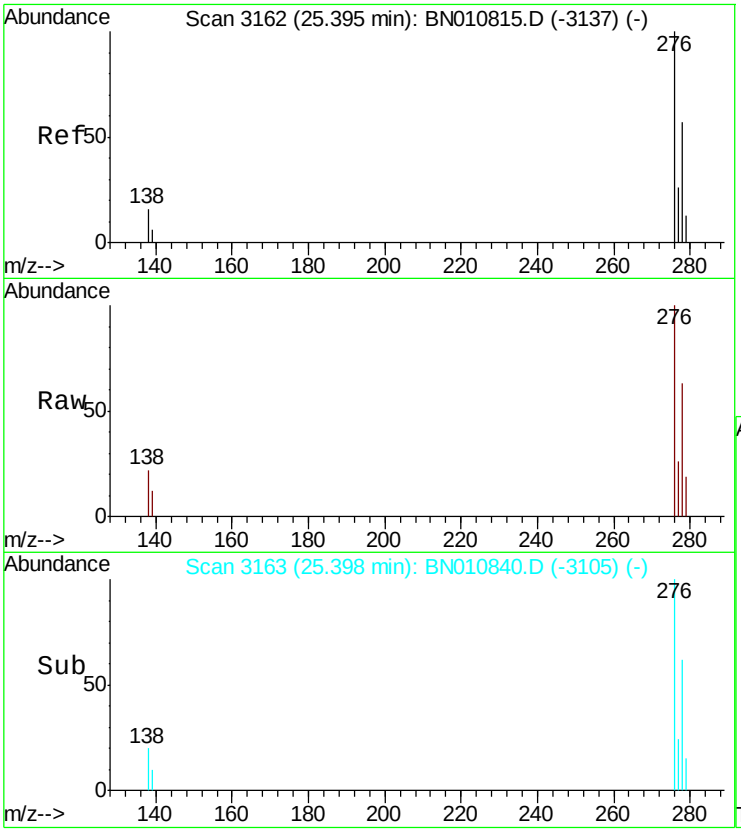


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.596 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:149 Resp: 8902

Ion	Ratio	Lower	Upper
149	100		
167	28.3	24.1	36.1
279	5.2	4.6	7.0



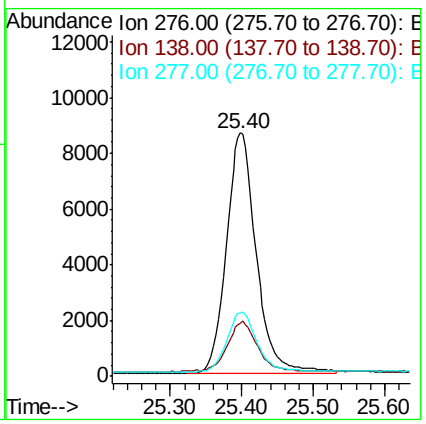


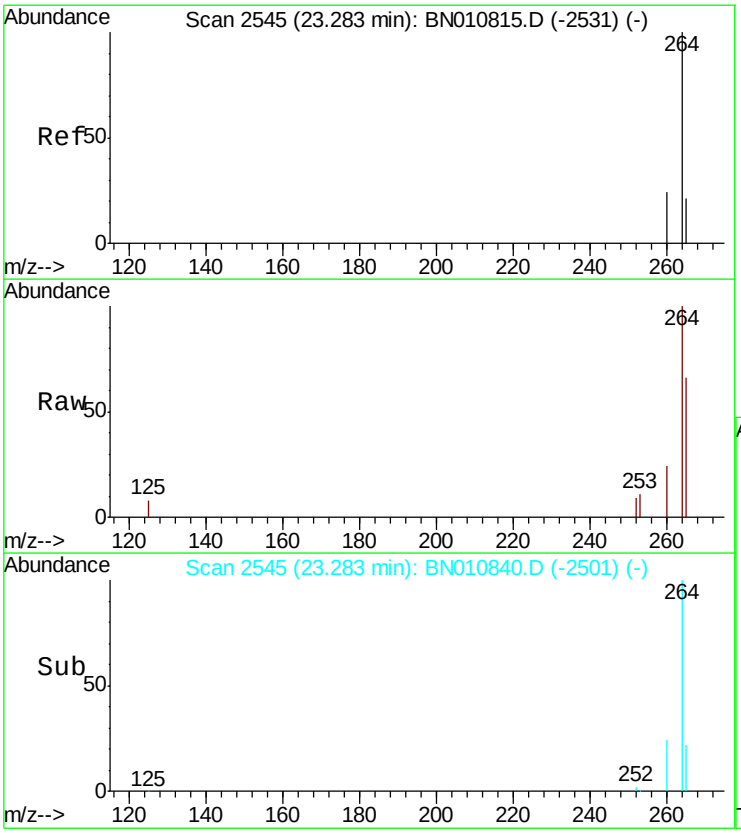
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.429 ng
RT: 25.40 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 25060

Ion	Ratio	Lower	Upper
276	100		
138	20.2	13.0	19.6#
277	25.1	19.7	29.5

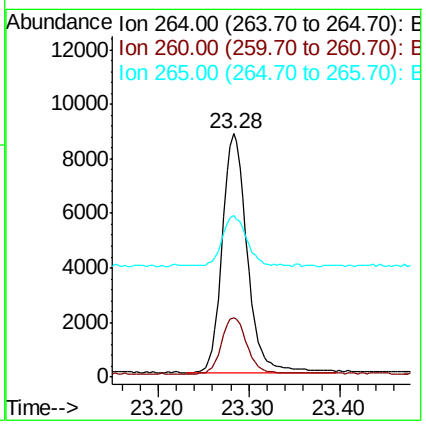


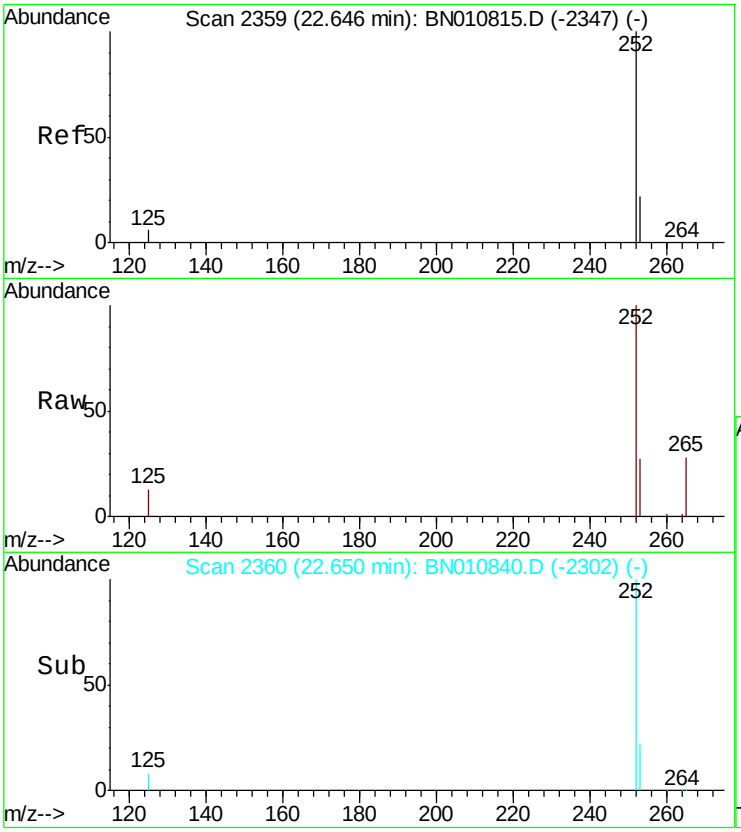


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:264 Resp: 16639

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	66.5	75.0	112.4#



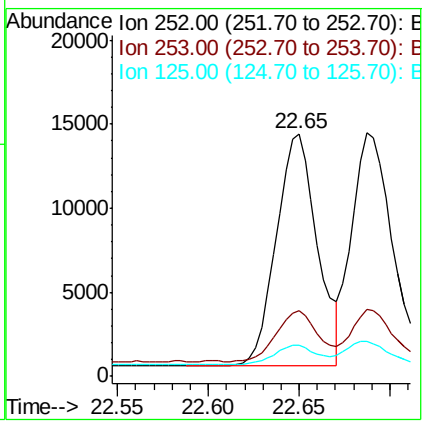


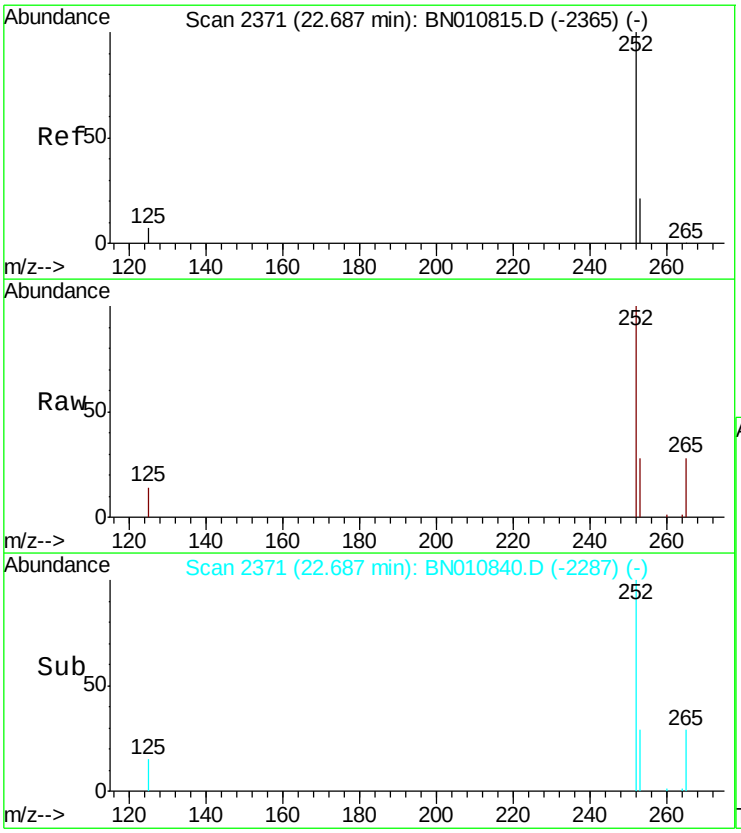
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21787

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.4	33.6
125	12.6	9.4	14.0

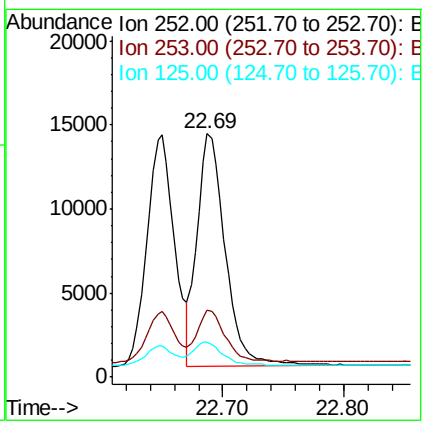


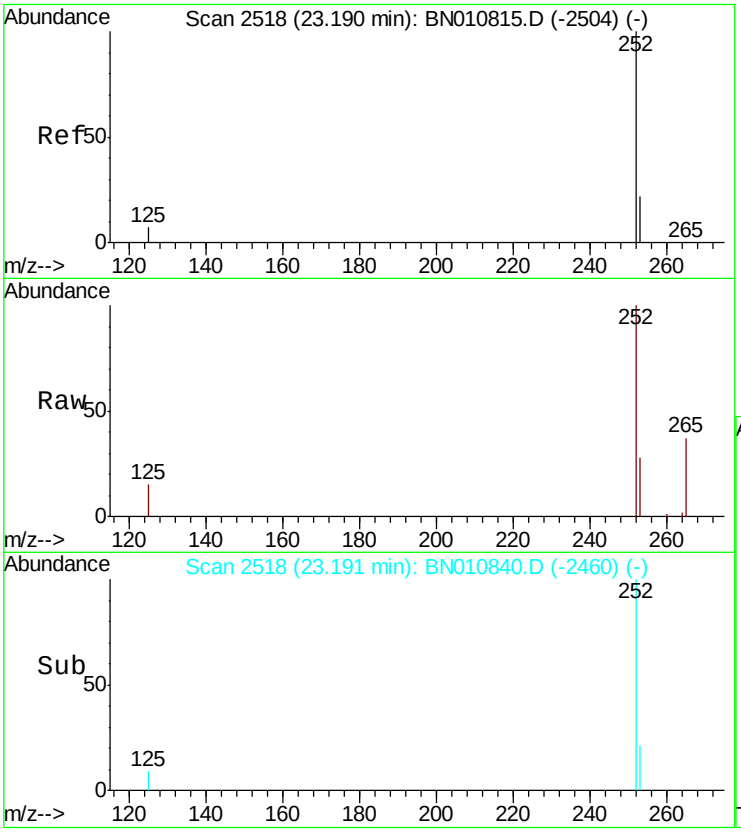


#36
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:252 Resp: 22216

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.2	33.4
125	14.3	9.8	14.8



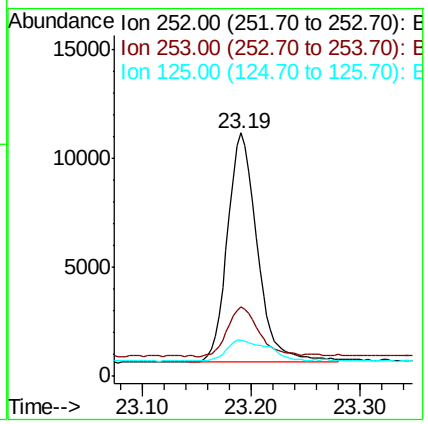


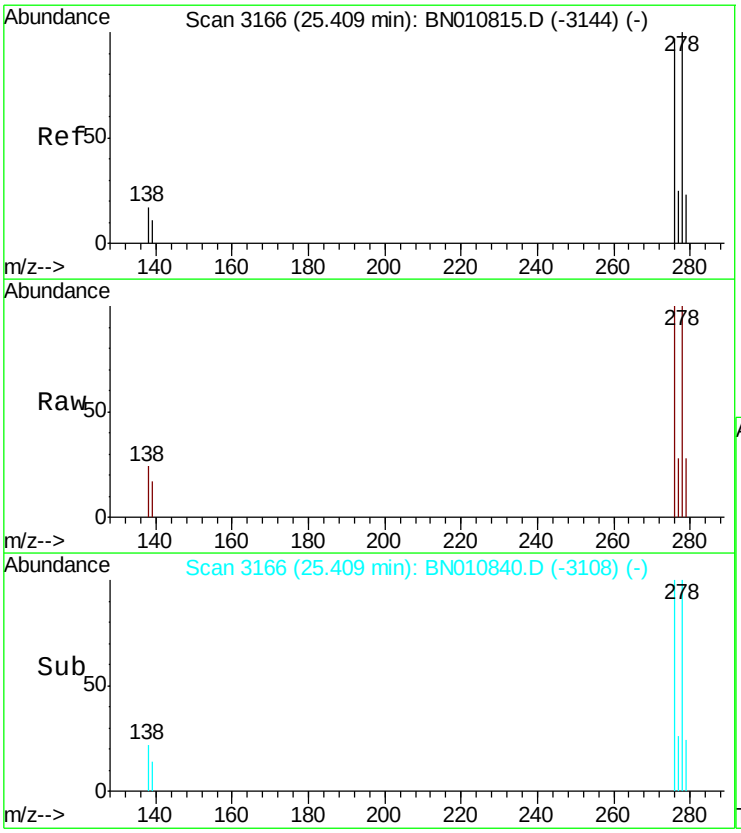
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 19988

Ion	Ratio	Lower	Upper
252	100		
253	28.4	25.8	38.8
125	15.0	12.4	18.6

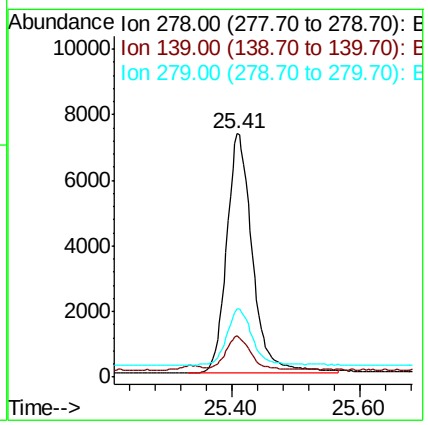


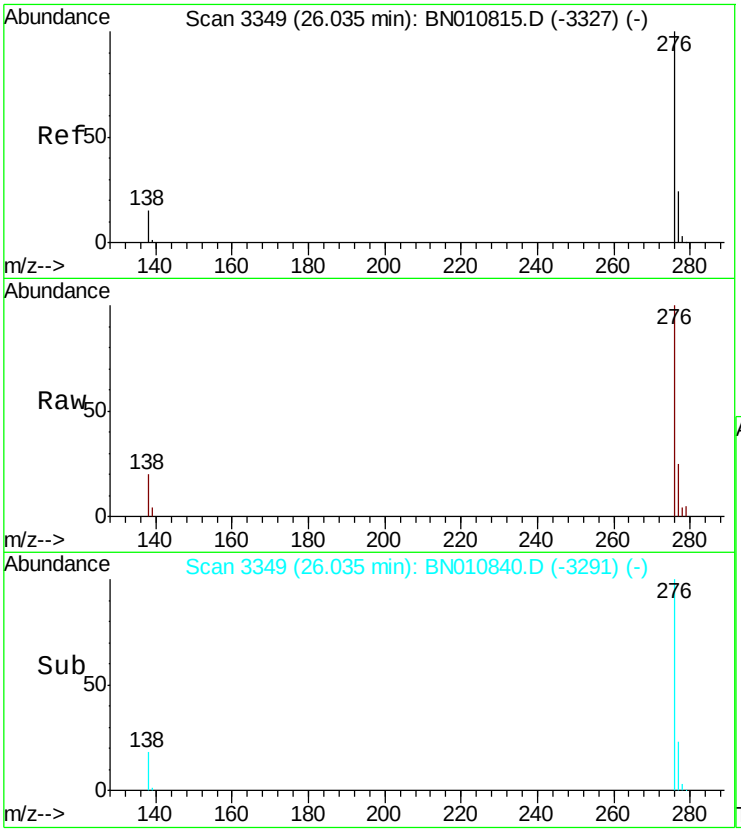


#38
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 25.41 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Tgt Ion:278 Resp: 20467

Ion	Ratio	Lower	Upper
278	100		
139	16.8	10.6	15.8#
279	28.1	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 26.03 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BN010840.D
Acq: 12 Jun 2020 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 20824

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.5	30.7
138	20.2	13.7	20.5