Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010876.D
Acq On : 15 Jun 2020 16:26
Operator : CG/JU
Sample : PB129538BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129538BSD

Quant Time: Jun 15 17:10:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2443	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	8638	0.40	ng		0.00
13) Acenaphthene-d10	14.17	164	4710	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	8963	0.40	ng		0.00
27) Chrysene-d12	21.13	240	7925	0.40	ng		0.00
34) Perylene-d12	23.28	264	8424	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2181	0.46	ng		0.00
5) Phenol-d6	6.74	99	2556	0.46	ng		0.00
8) Nitrobenzene-d5	8.68	82	2598	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	5626	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	604	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	7721	0.42	ng		0.00
25) Fluoranthene-d10	18.96	212	10115	0.41	ng		0.00
29) Terphenyl-d14	19.57	244	7843	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1062	0.444	ng		98
3) n-Nitrosodimethylamine	3.56	42	501	0.360	ng	#	93
6) bis(2-Chloroethyl)ether	6.99	93	2362	0.436	ng		96
9) Naphthalene	10.34	128	9099	0.419	ng		100
10) Hexachlorobutadiene	10.65	225	2143	0.399	ng	#	99
12) 2-Methylnaphthalene	11.97	142	6119	0.421	ng		99
16) Acenaphthylene	13.88	152	7858	0.407	ng		100
17) Acenaphthene	14.24	154	5392	0.410	ng		98
18) Fluorene	15.23	166	6888	0.406	ng		99
20) 4-Bromophenyl-phenylether	16.12	248	2197	0.408	ng	#	88
21) Hexachlorobenzene	16.24	284	2477	0.441	ng		98
22) Pentachlorophenol	16.59	266	744	0.394	ng		97
23) Phenanthrene	16.96	178	10278	0.420	ng		99
24) Anthracene	17.06	178	8526	0.417	ng		100
26) Fluoranthene	18.99	202	11151	0.401	ng		99
28) Pyrene	19.36	202	11150	0.425	ng		100
30) Benzo(a)anthracene	21.11	228	9722	0.417	ng		98
31) Chrysene	21.16	228	11226	0.413	ng		98
32) Bis(2-ethylhexyl)phthalate	21.07	149	3569	0.460	ng		95
33) Indeno(1,2,3-cd)pyrene	25.39	276	13346	0.440	ng	#	95
35) Benzo(b)fluoranthene	22.64	252	11196	0.391	ng		99
36) Benzo(k)fluoranthene	22.68	252	12168	0.399	ng		98
37) Benzo(a)pyrene	23.18	252	9761	0.397	ng		98
38) Dibenzo(a,h)anthracene	25.40	278	11092	0.396	ng		97
39) Benzo(g,h,i)perylene	26.02	276	11606	0.396	ng		98

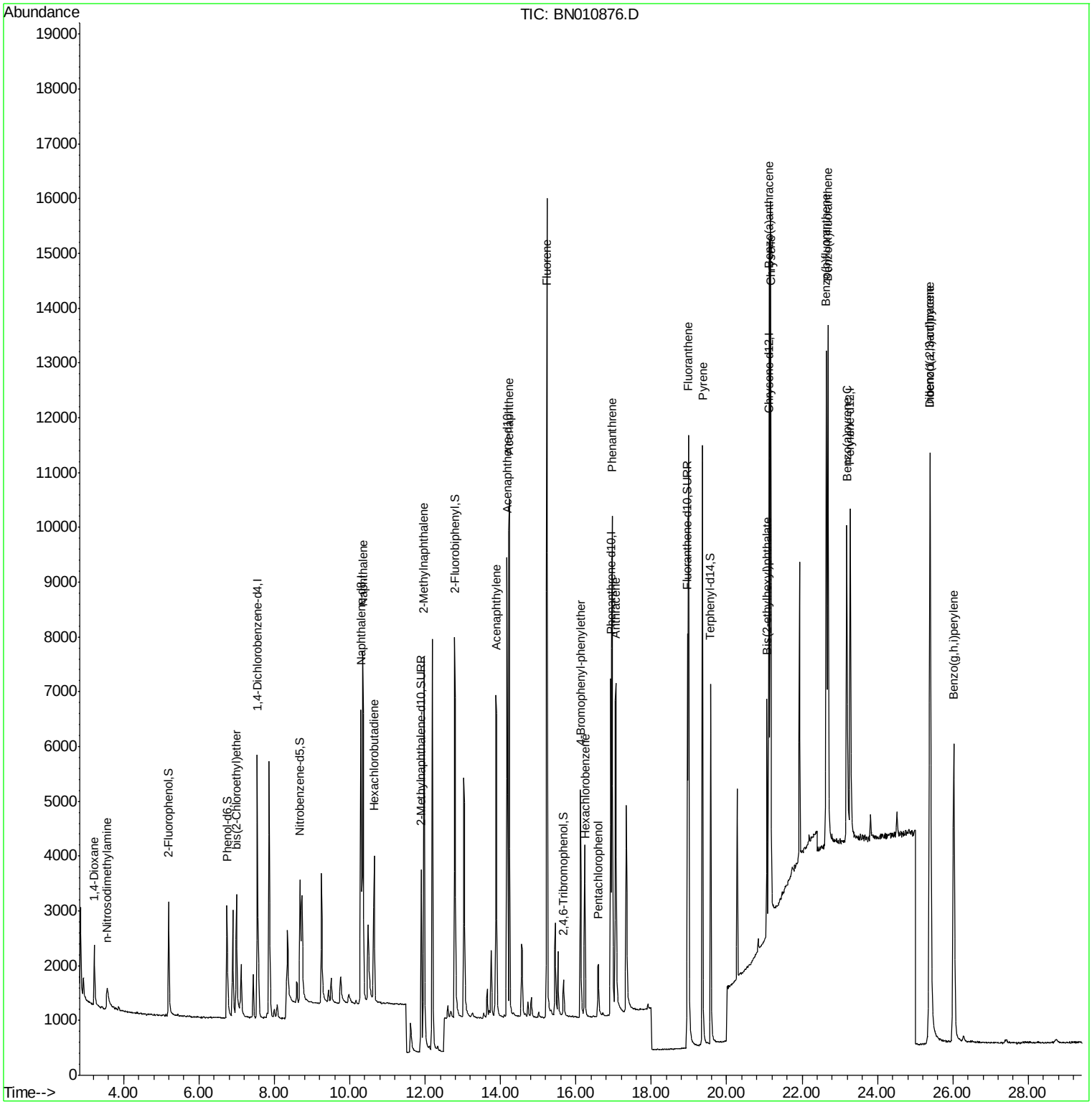
(#) = qualifier out of range (m) = manual integration (+) = signals summed

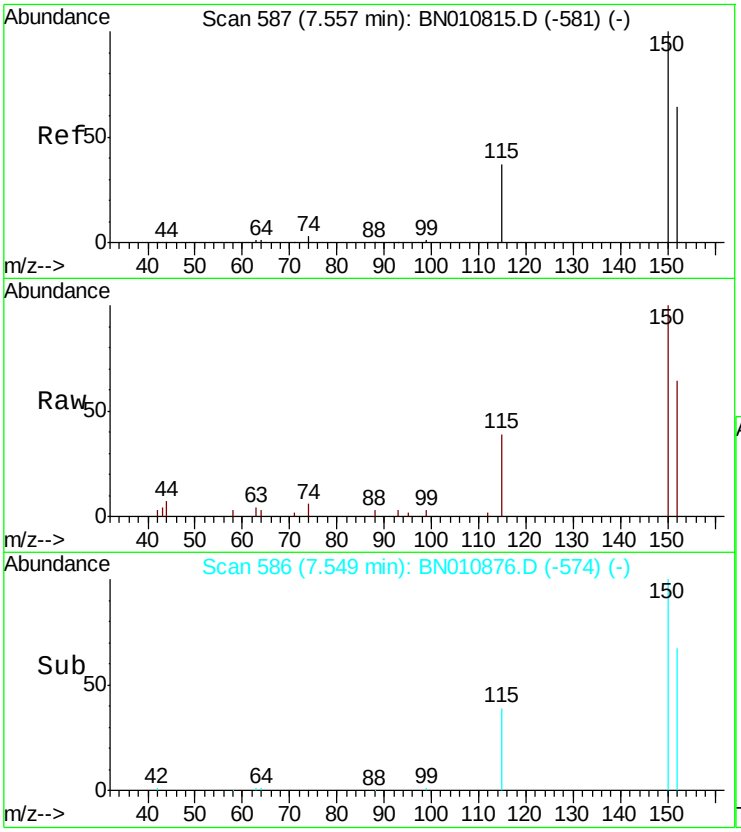
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010876.D
Acq On : 15 Jun 2020 16:26
Operator : CG/JU
Sample : PB129538BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Quant Time: Jun 15 17:10:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration



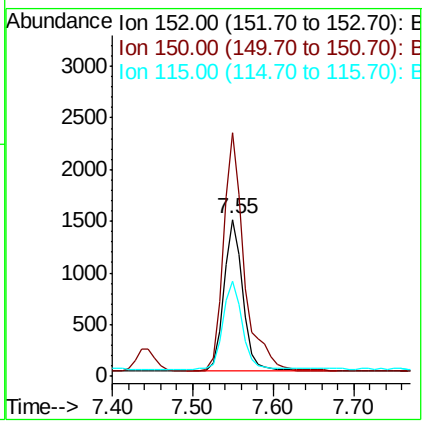


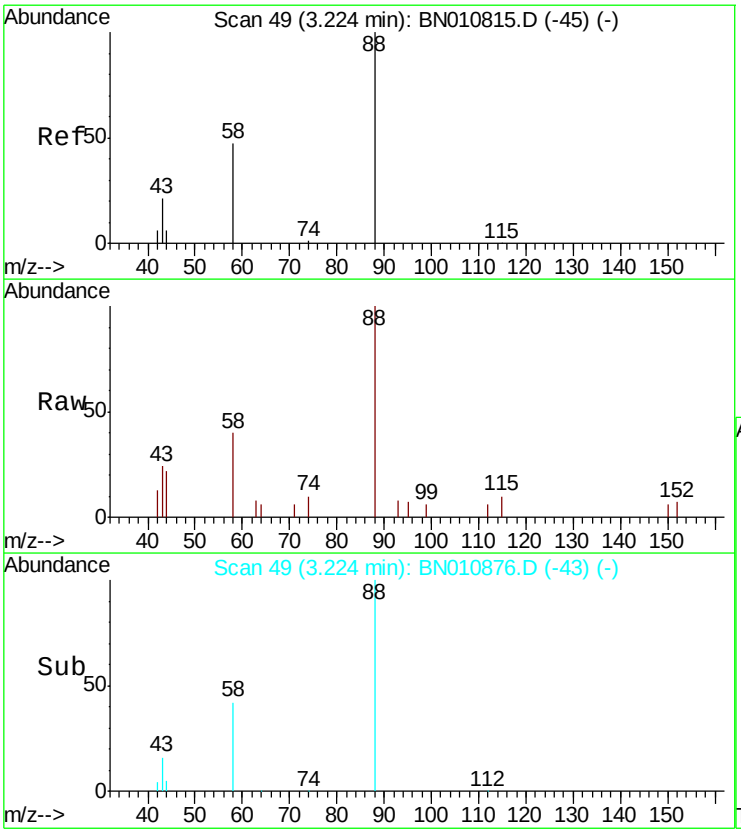
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:152 Resp: 2443

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.8	185.6
115	60.6	49.2	73.8

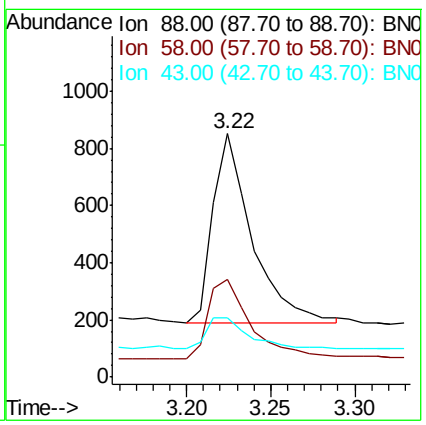


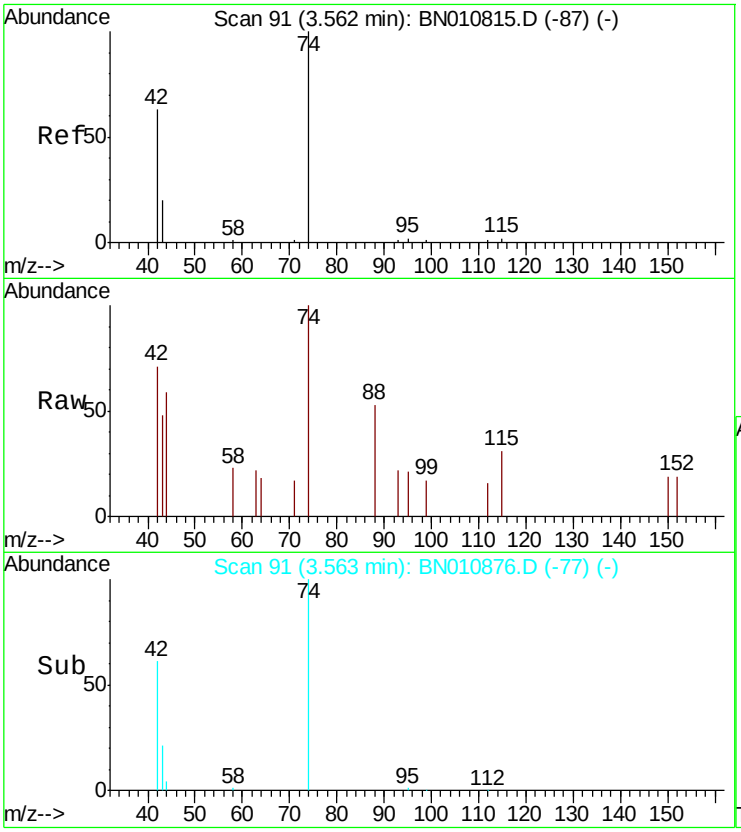


#2
1,4-Dioxane
Concen: 0.444 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion: 88 Resp: 1062

Ion	Ratio	Lower	Upper
88	100		
58	46.4	38.2	57.4
43	18.7	15.1	22.7



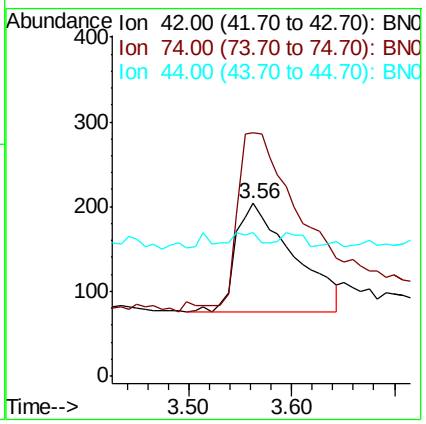


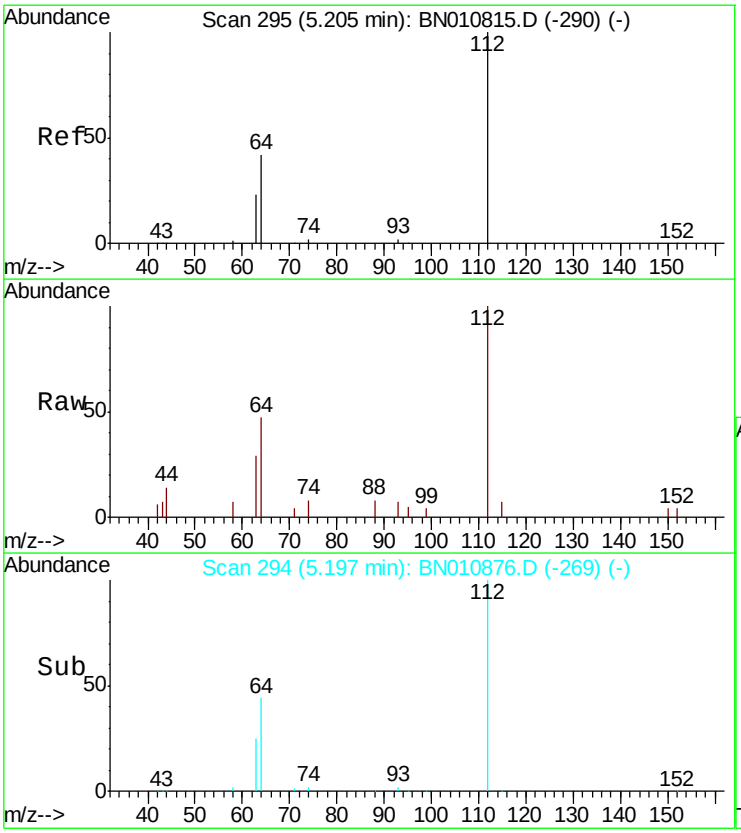
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.02 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion: 42 Resp: 501

Ion	Ratio	Lower	Upper
42	100		
74	166.5	140.7	211.1
44	6.2	1.4	2.2#

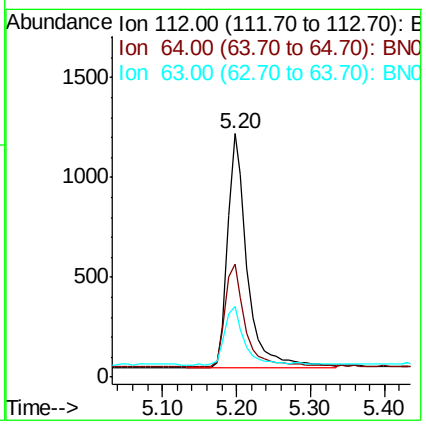


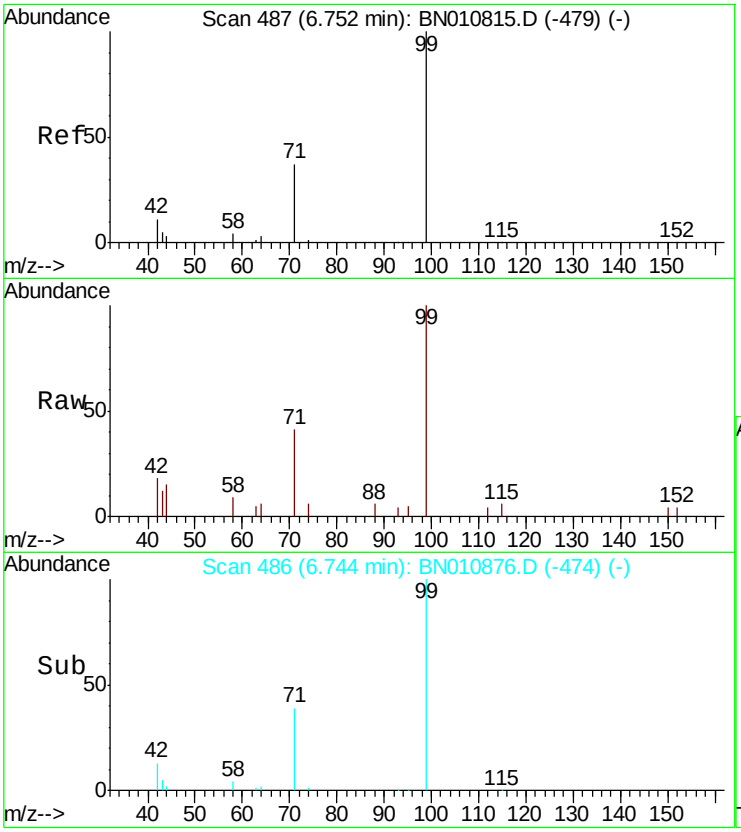


#4
2-Fluorophenol
Concen: 0.462 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:112 Resp: 2181

Ion	Ratio	Lower	Upper
112	100		
64	44.1	37.4	56.0
63	24.9	22.2	33.4



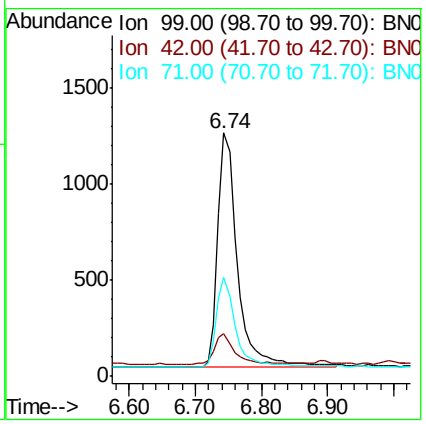


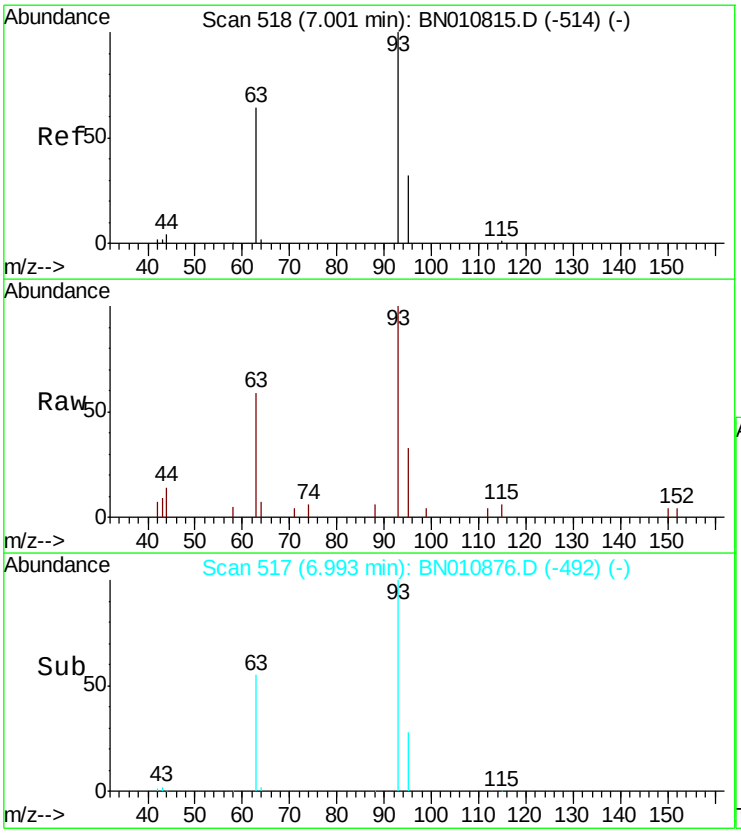
#5
Phenol-d6
Concen: 0.460 ng
RT: 6.74 min Scan# 486
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion: 99 Resp: 2556

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.1	16.7
71	37.2	31.4	47.2

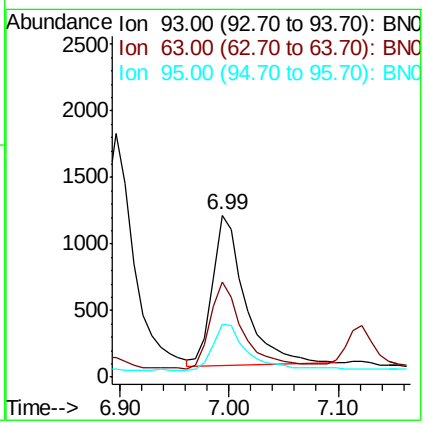


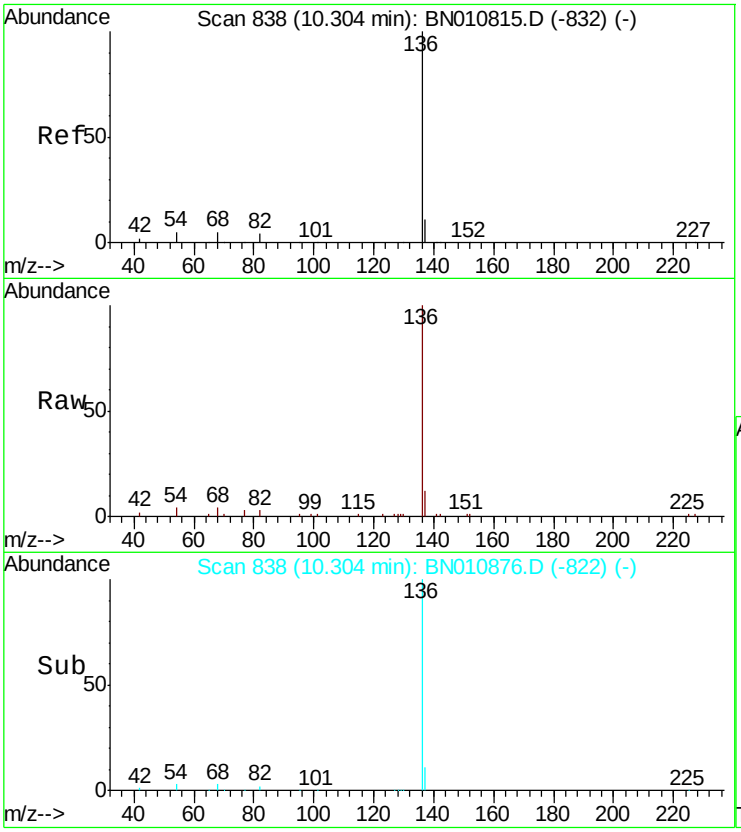


#6
bis(2-Chloroethyl)ether
Concen: 0.436 ng
RT: 6.99 min Scan# 517
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion: 93 Resp: 2362

Ion	Ratio	Lower	Upper
93	100		
63	57.5	49.4	74.2
95	34.4	26.7	40.1



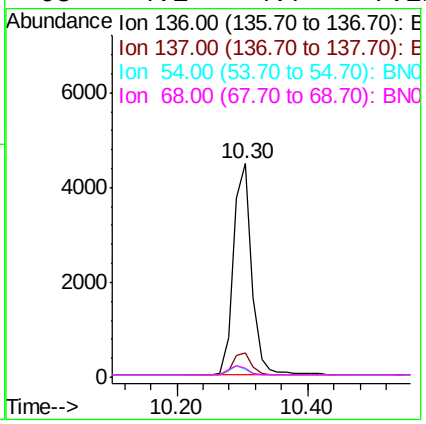


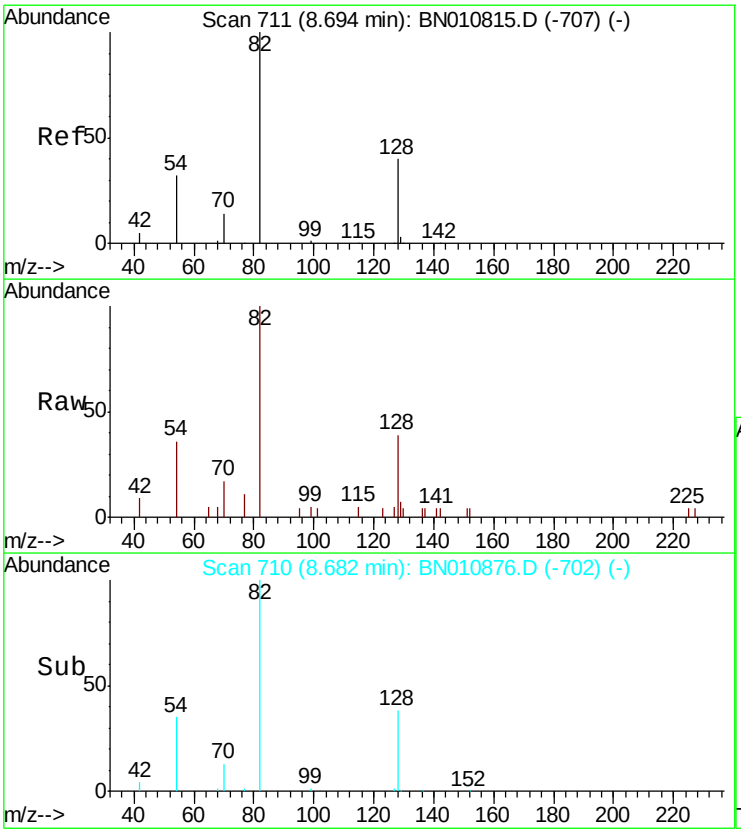
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:136 Resp: 8638

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	3.7	4.9	7.3#
68	4.1	4.7	7.1#

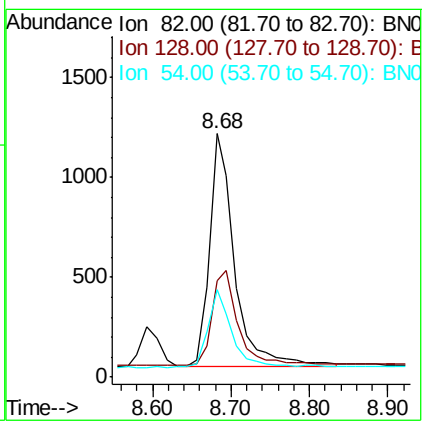


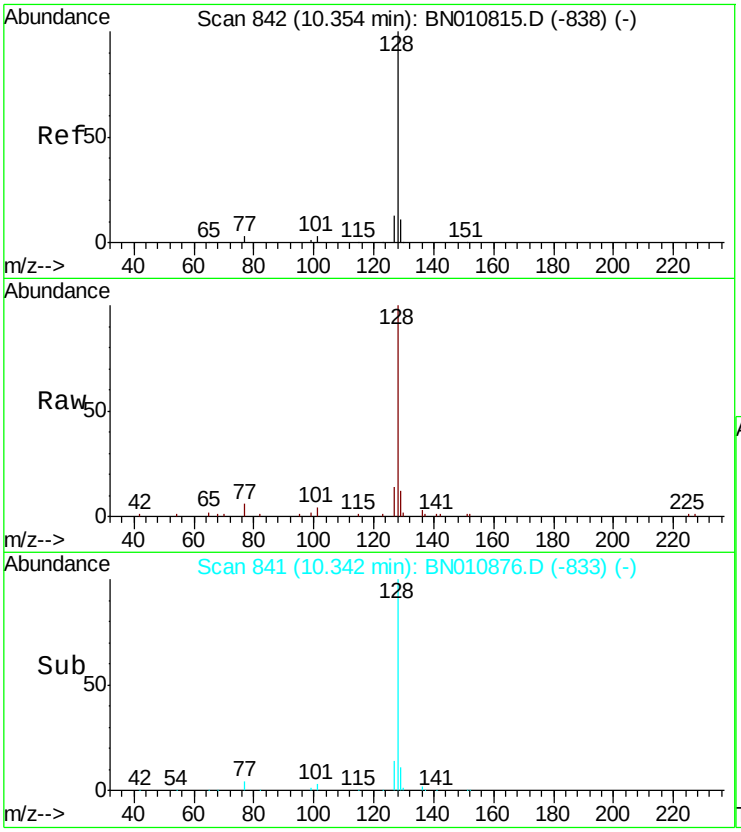


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion: 82 Resp: 2598

Ion	Ratio	Lower	Upper
82	100		
128	39.4	35.4	53.0
54	35.9	28.2	42.4



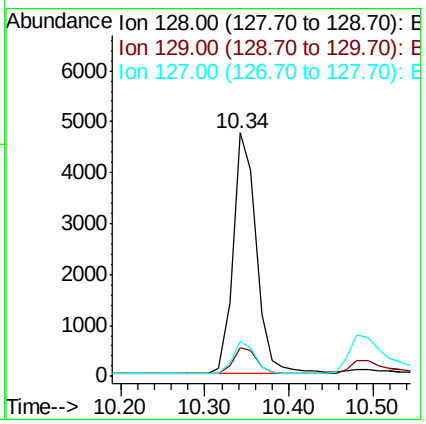


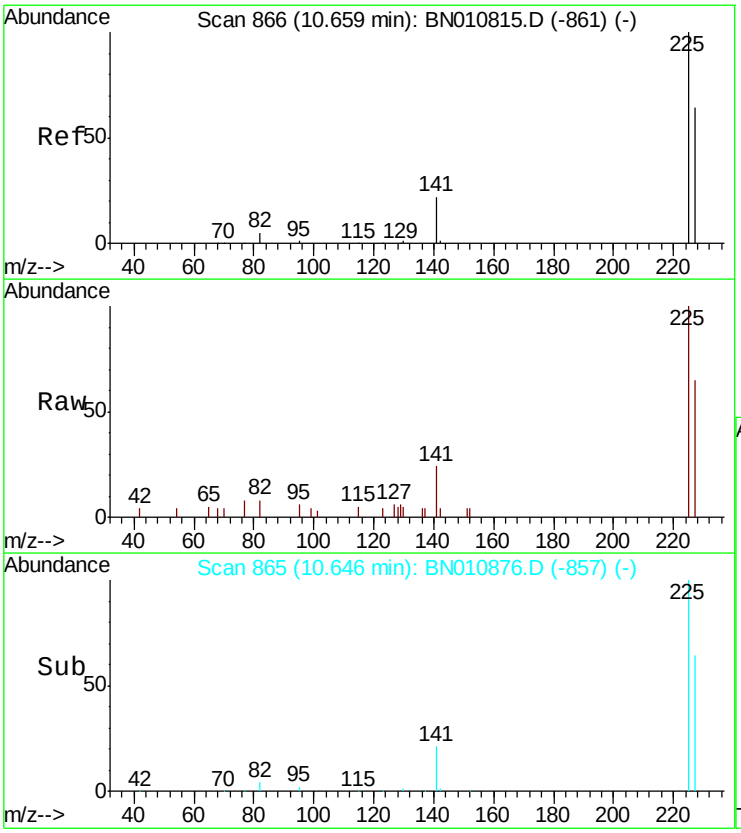
#9
Naphthalene
Concen: 0.419 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:128 Resp: 9099

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	14.4	11.4	17.2

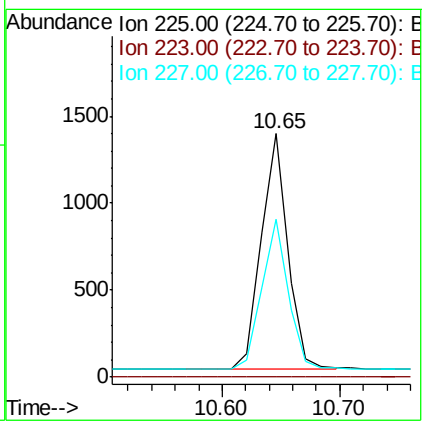


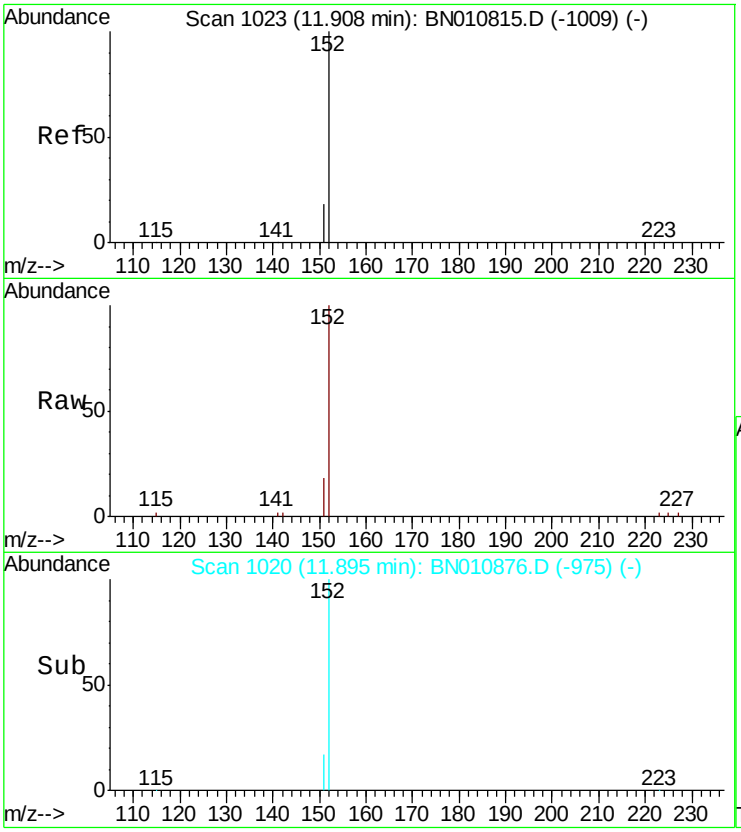


#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 10.65 min Scan# 865
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:225 Resp: 2143

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.5	75.7



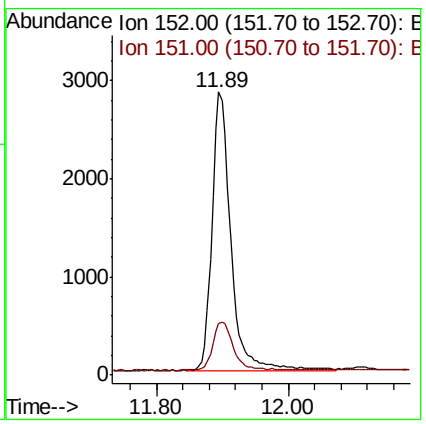


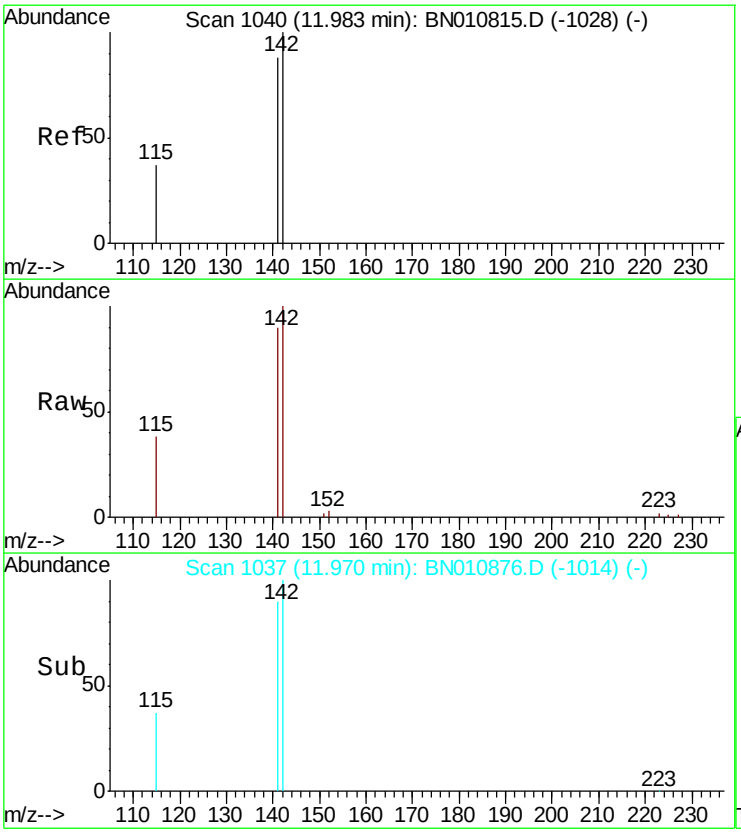
#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 11.89 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:152 Resp: 5626

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.3	22.9

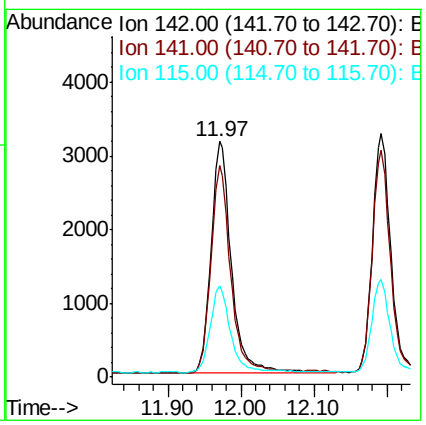


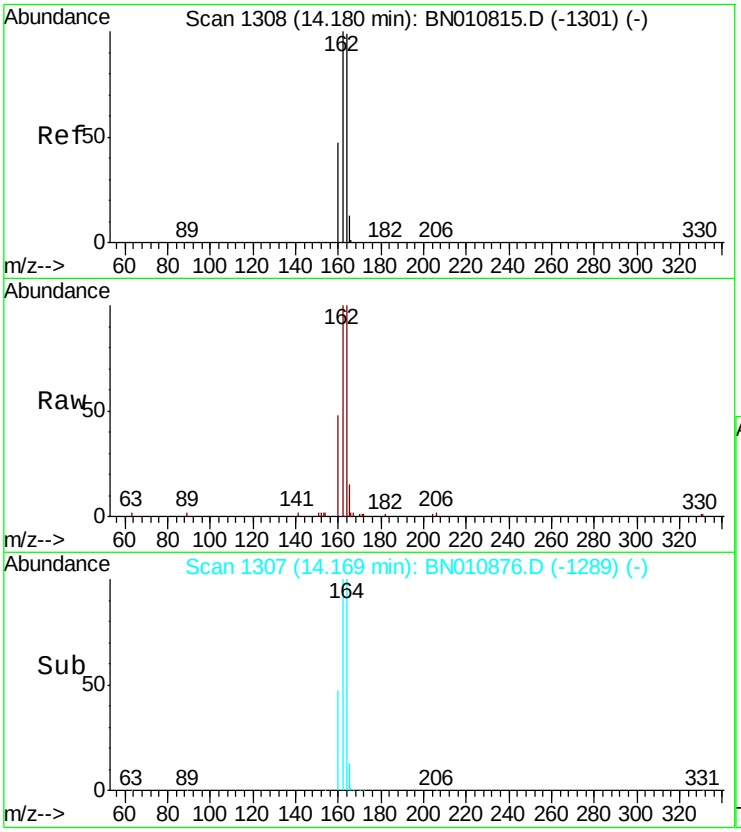


#12
2-Methylnaphthalene
Concen: 0.421 ng
RT: 11.97 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:142 Resp: 6119

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	38.5	31.5	47.3



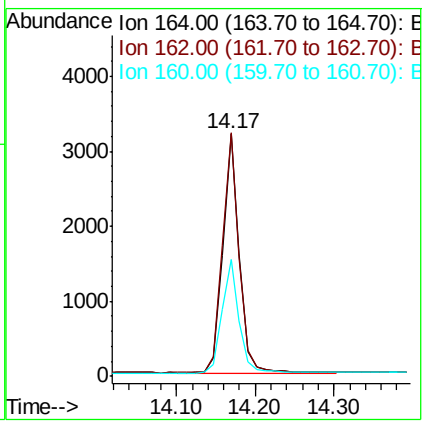


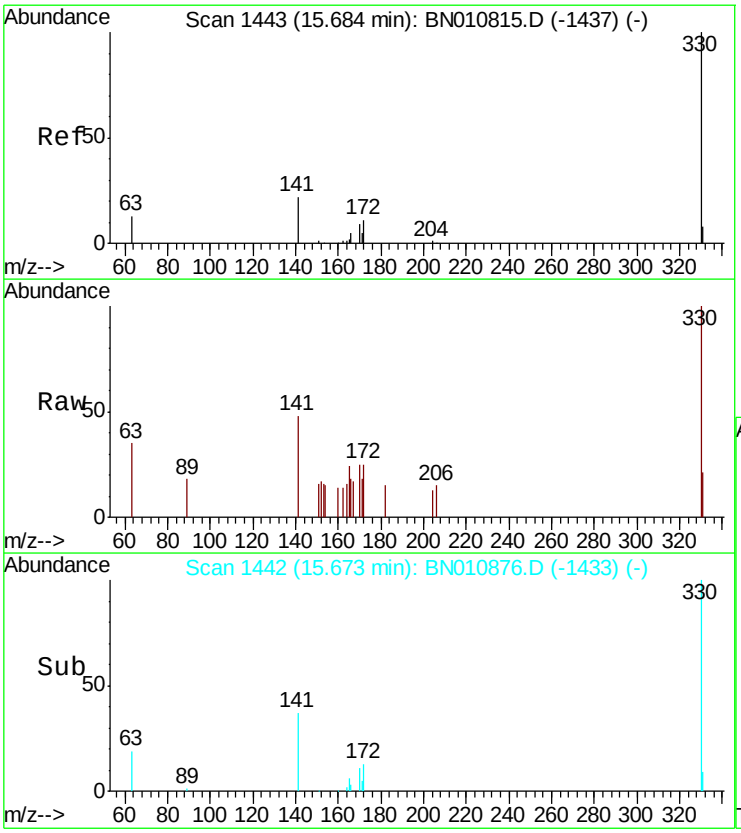
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:164 Resp: 4710

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.0	121.6
160	48.2	38.9	58.3

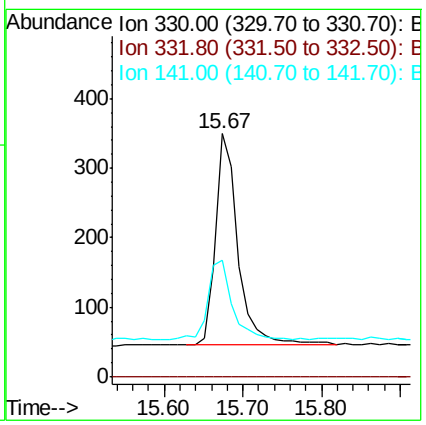


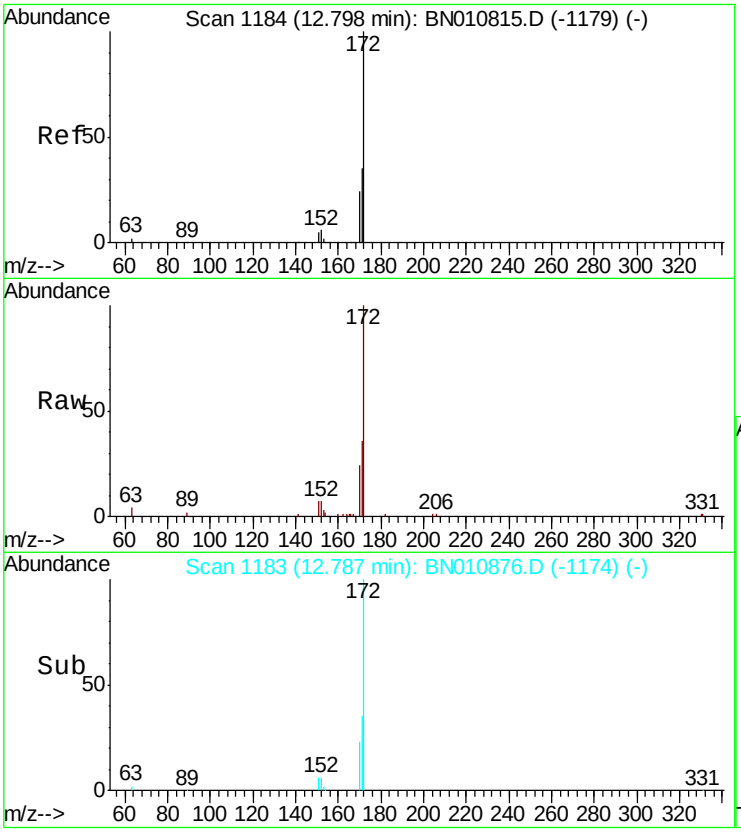


#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.67 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:330 Resp: 604

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.9	33.2	49.8



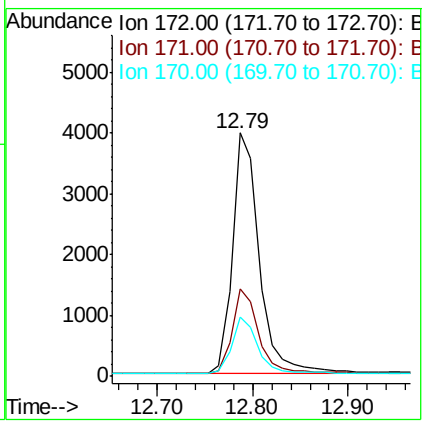


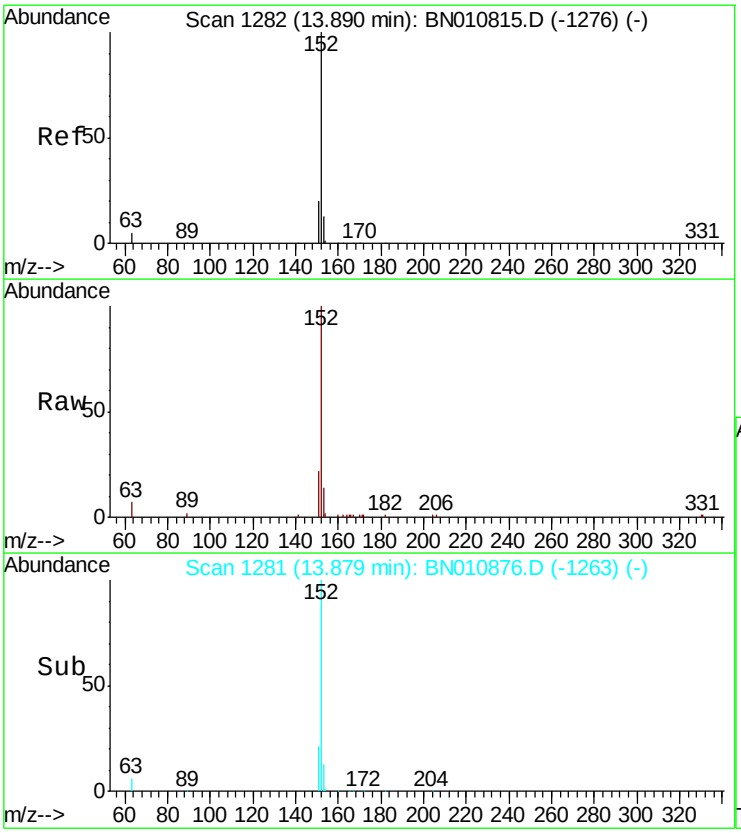
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:172 Resp: 7721

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.1	19.7	29.5

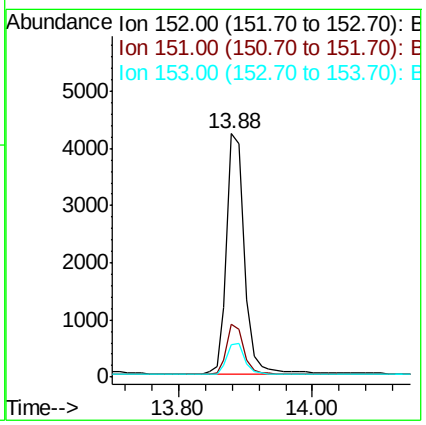


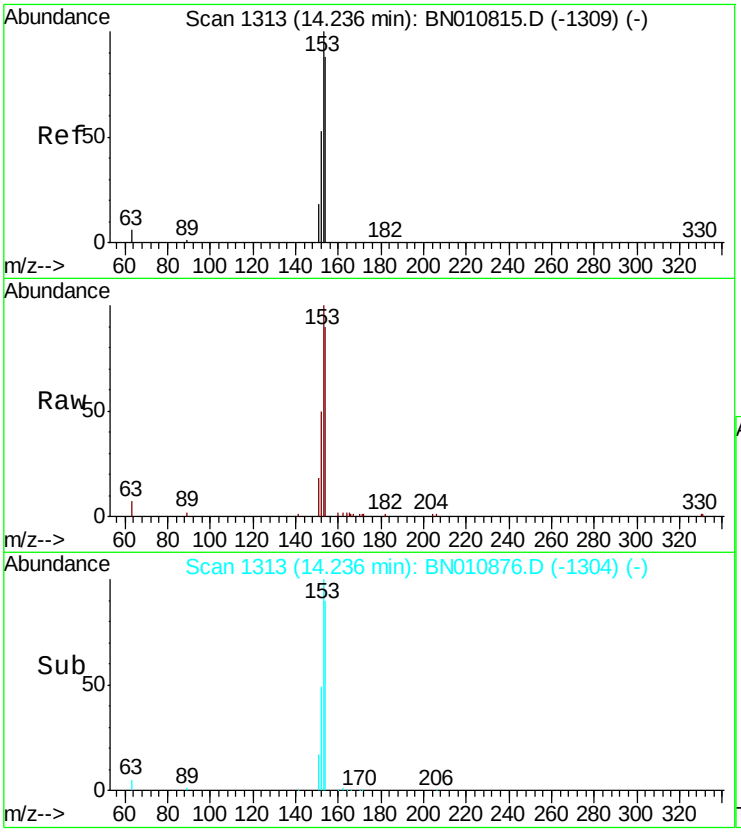


#16
Acenaphthylene
Concen: 0.407 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:152 Resp: 7858

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.6	16.0



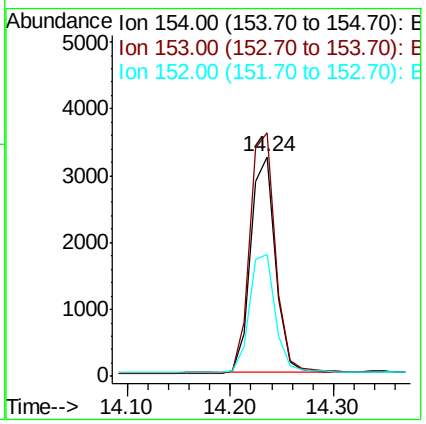


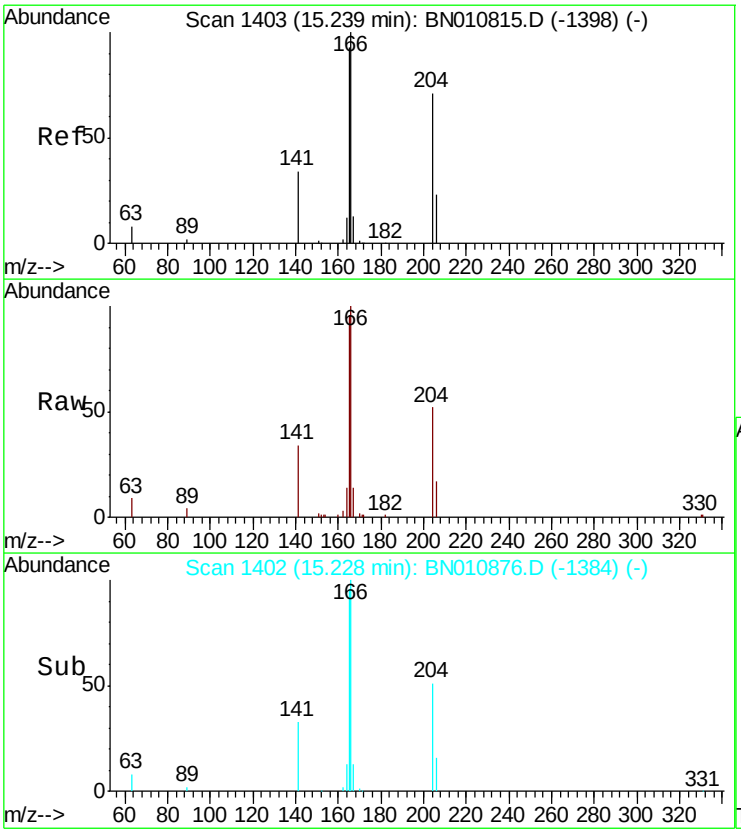
#17
Acenaphthene
Concen: 0.410 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:154 Resp: 5392

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.8	137.6
152	57.1	47.6	71.4

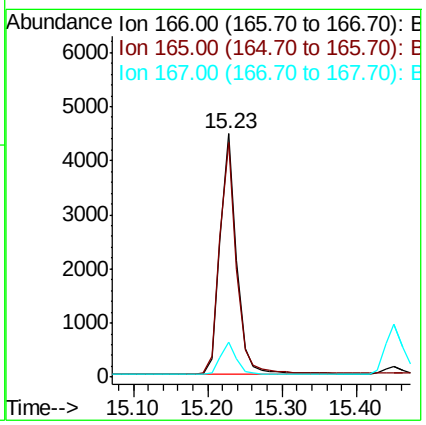


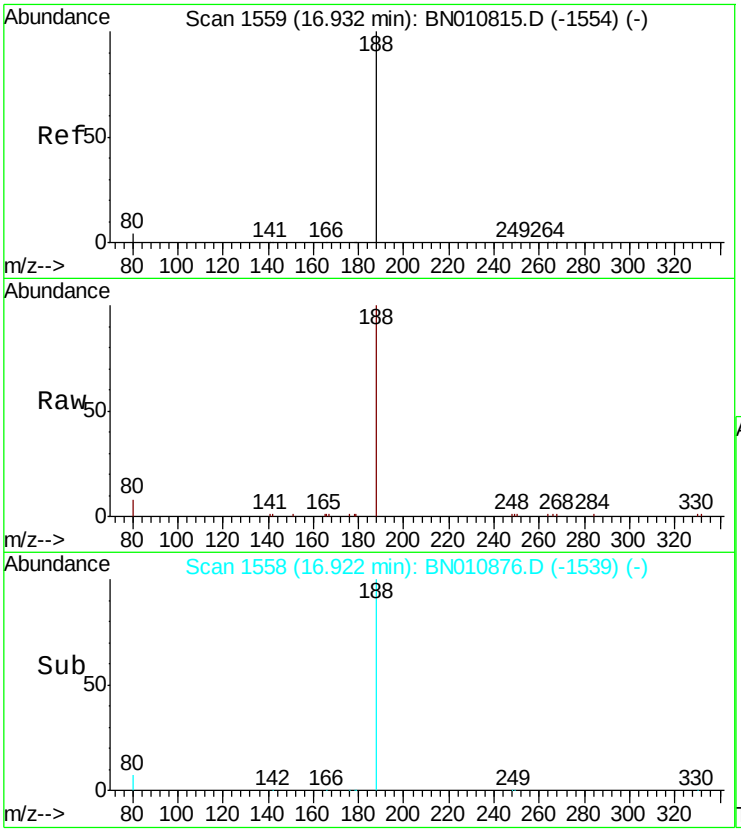


#18
Fluorene
Concen: 0.406 ng
RT: 15.23 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:166 Resp: 6888

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.2	115.8
167	13.3	10.7	16.1



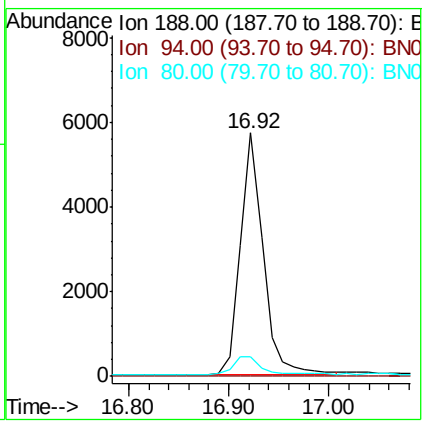


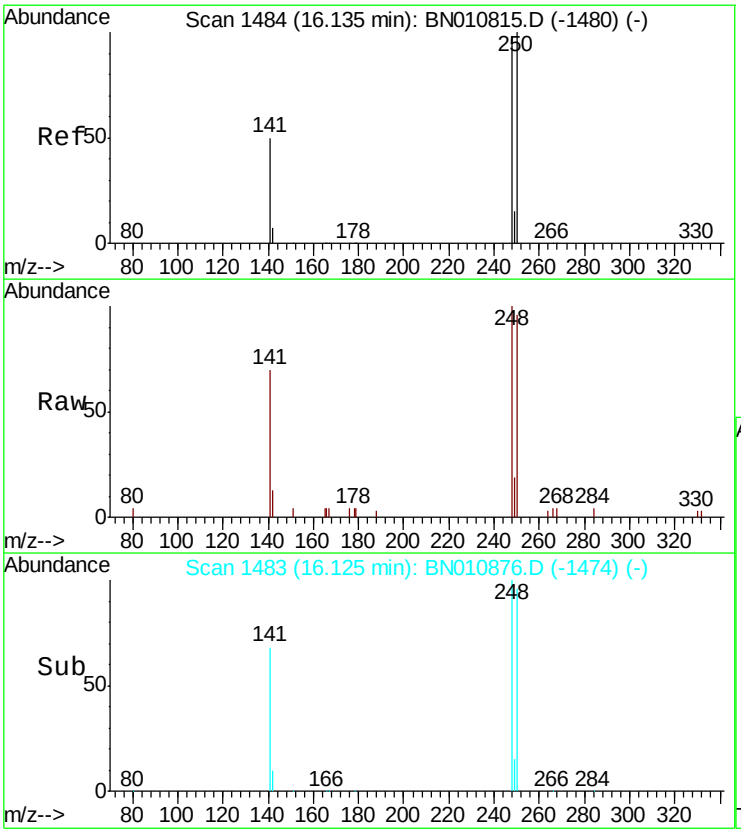
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:188 Resp: 8963

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	4.5	6.7#

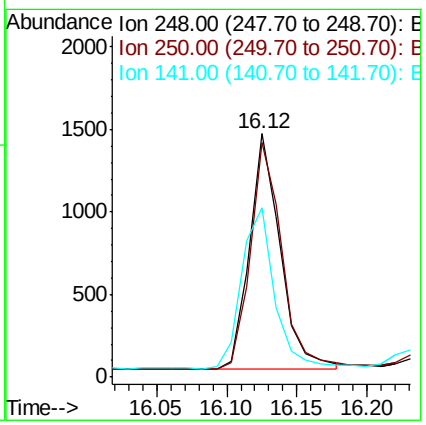


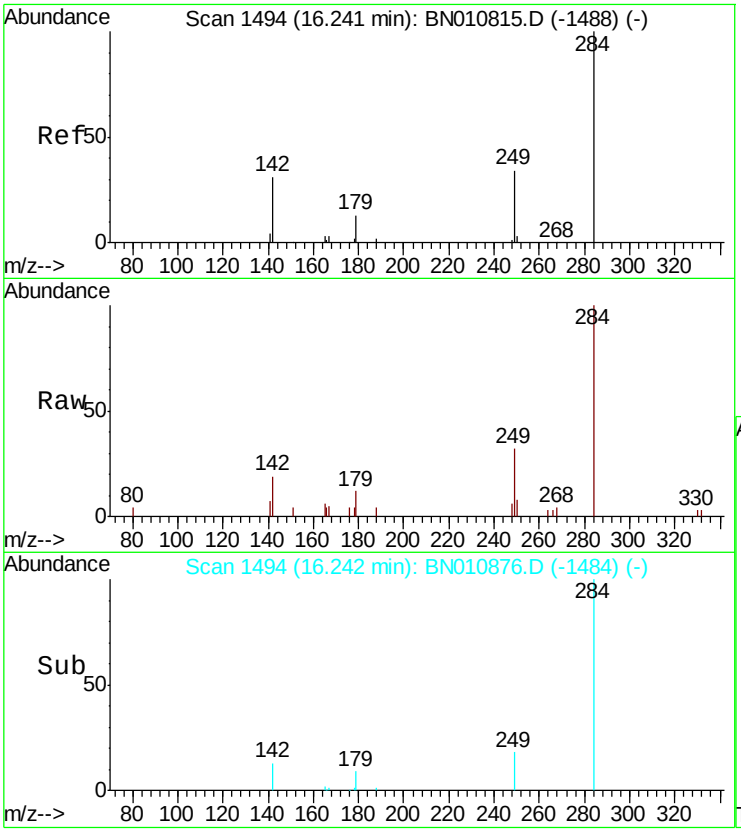


#20
4-Bromophenyl-phenylether
Concen: 0.408 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:248 Resp: 2197

Ion	Ratio	Lower	Upper
248	100		
250	96.3	81.8	122.8
141	69.8	42.6	64.0#



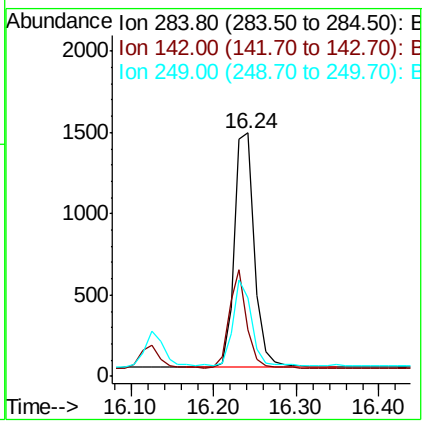


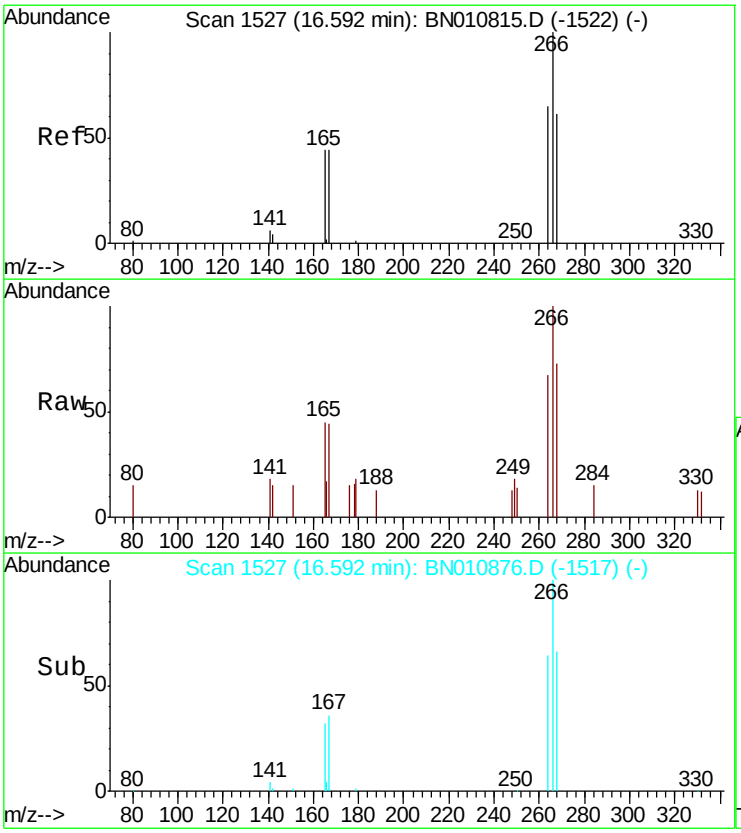
#21
Hexachlorobenzene
Concen: 0.441 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:284 Resp: 2477

Ion	Ratio	Lower	Upper
284	100		
142	36.9	31.0	46.4
249	33.3	27.1	40.7

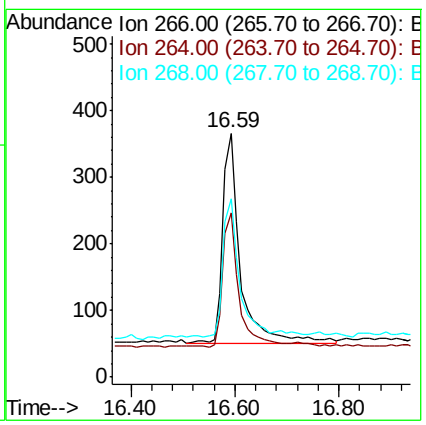


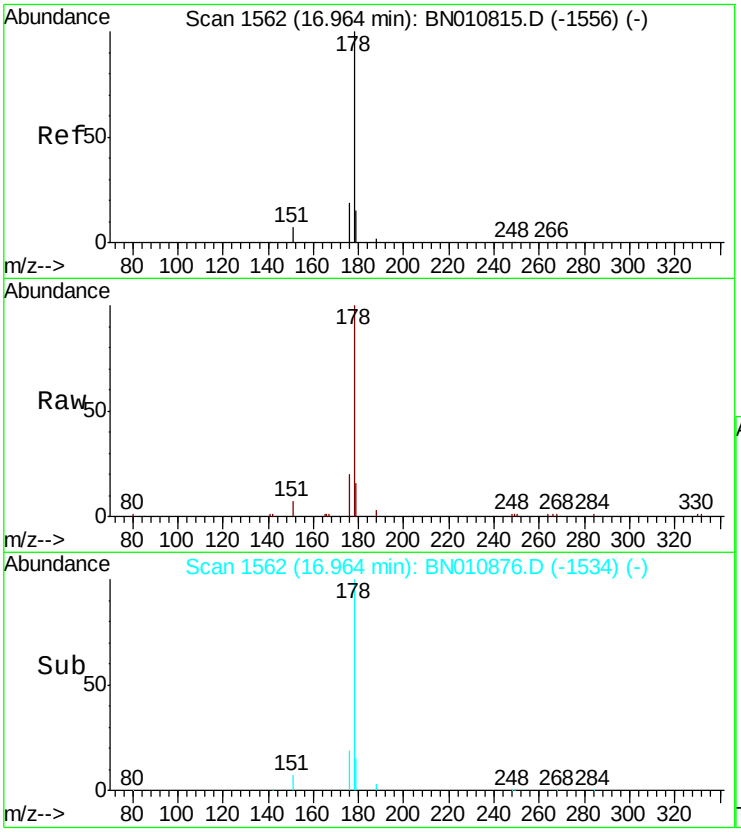


#22
Pentachlorophenol
Concen: 0.394 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:266 Resp: 744

Ion	Ratio	Lower	Upper
266	100		
264	67.2	54.8	82.2
268	73.0	55.9	83.9



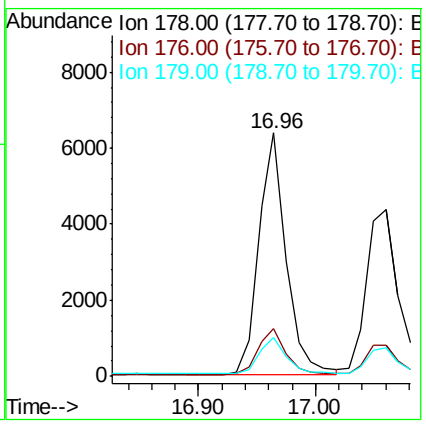


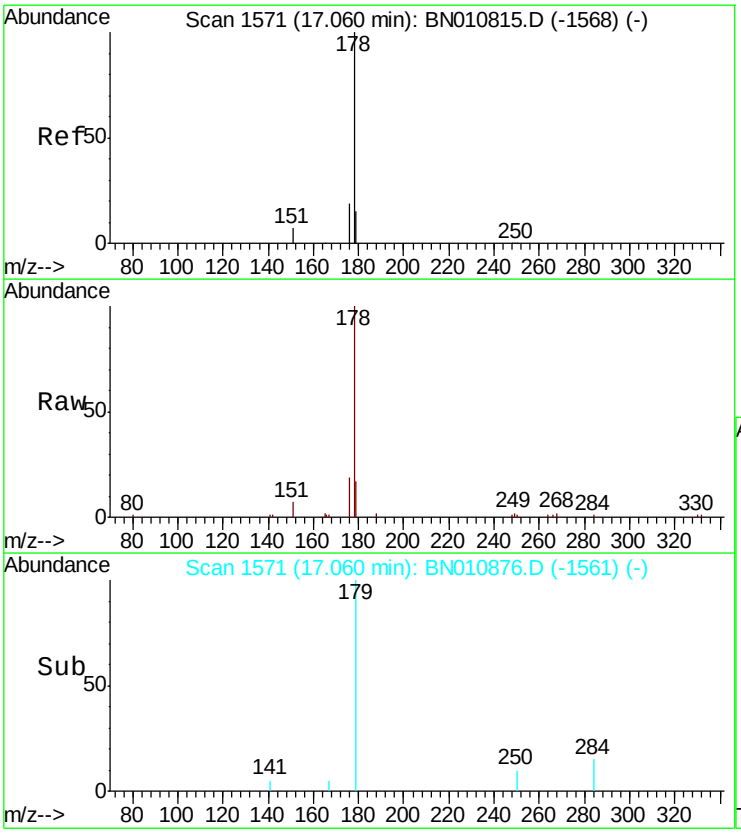
#23
Phenanthrene
Concen: 0.420 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:178 Resp: 10278

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

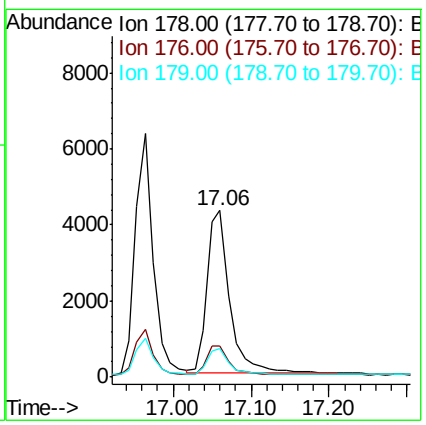


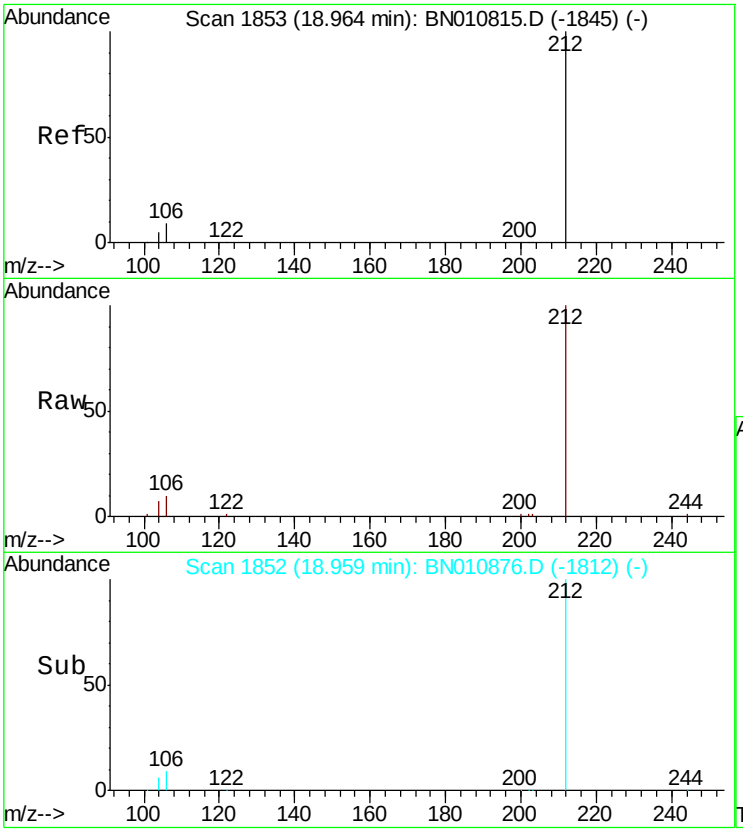


#24
Anthracene
Concen: 0.417 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:178 Resp: 8526

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.3	12.3	18.5



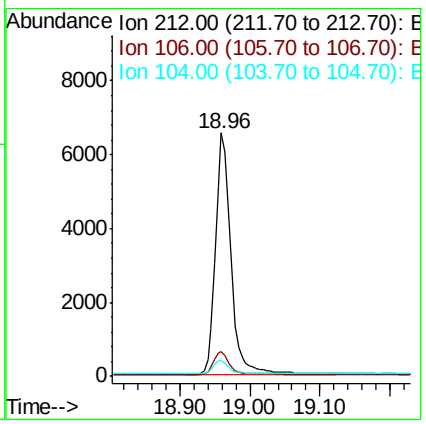


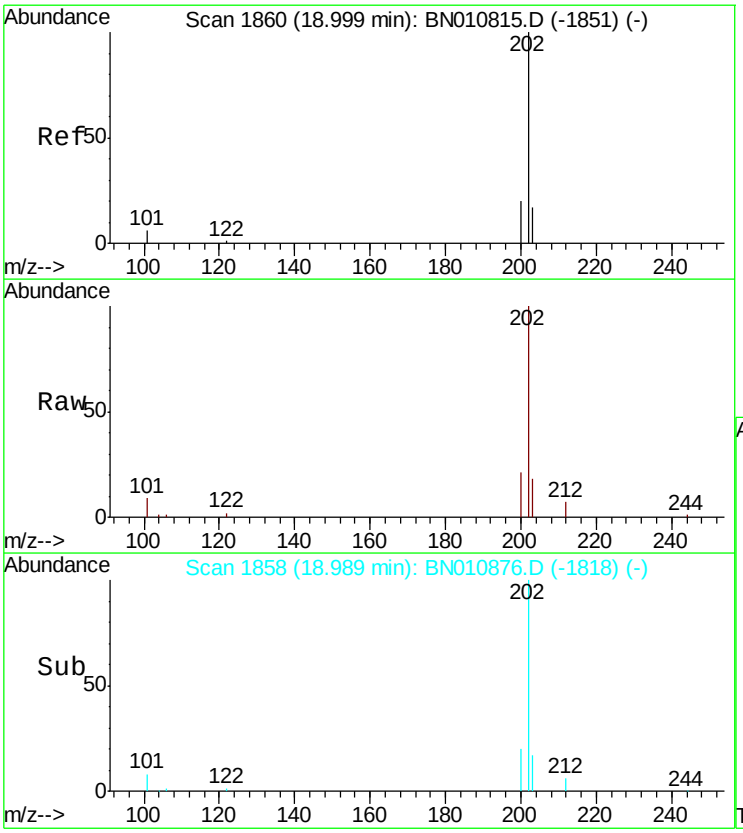
#25
Fluoranthene-d10
Concen: 0.409 ng
RT: 18.96 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:212 Resp: 10115

Ion	Ratio	Lower	Upper
212	100		
106	9.6	6.6	10.0
104	5.5	4.0	6.0

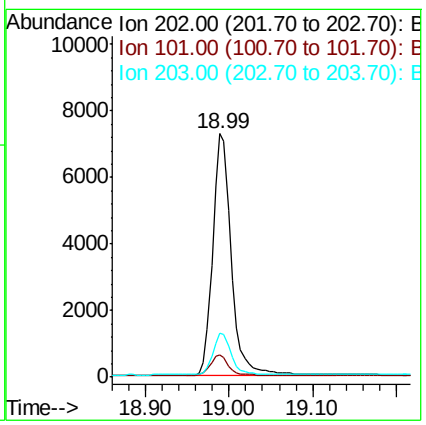


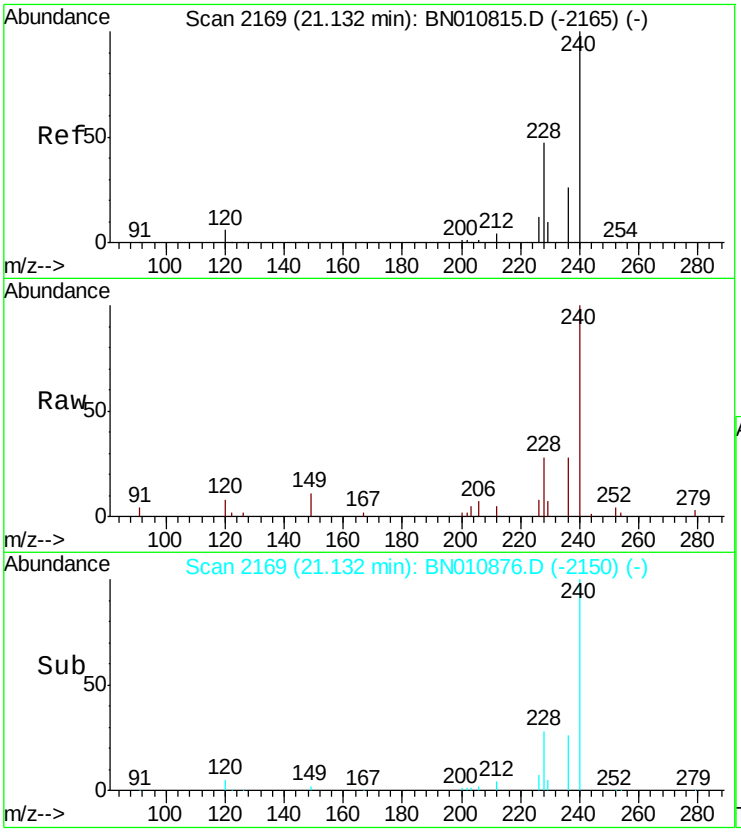


#26
Fluoranthene
Concen: 0.401 ng
RT: 18.99 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:202 Resp: 11151

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.8	8.6
203	17.2	13.7	20.5



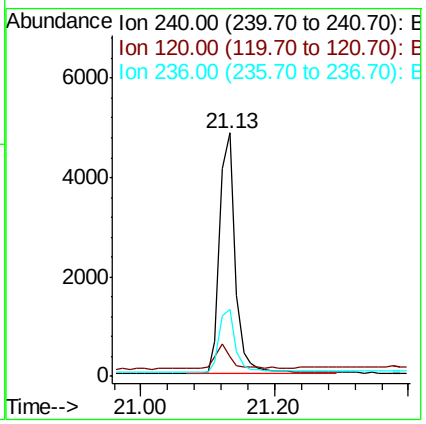


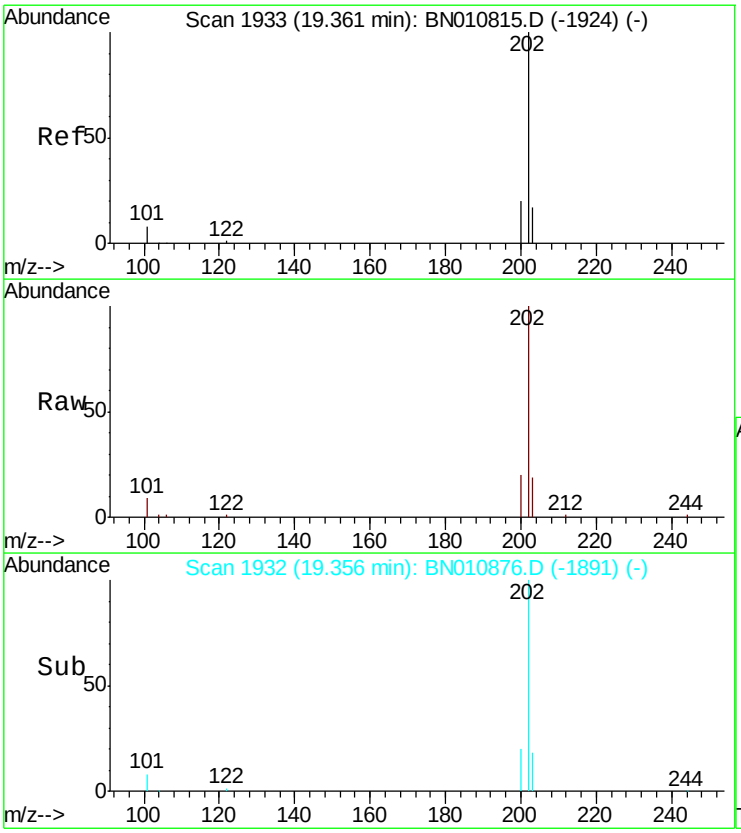
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:240 Resp: 7925

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.5	11.3
236	27.7	22.3	33.5

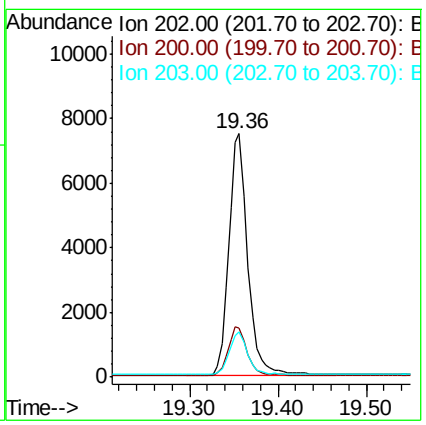


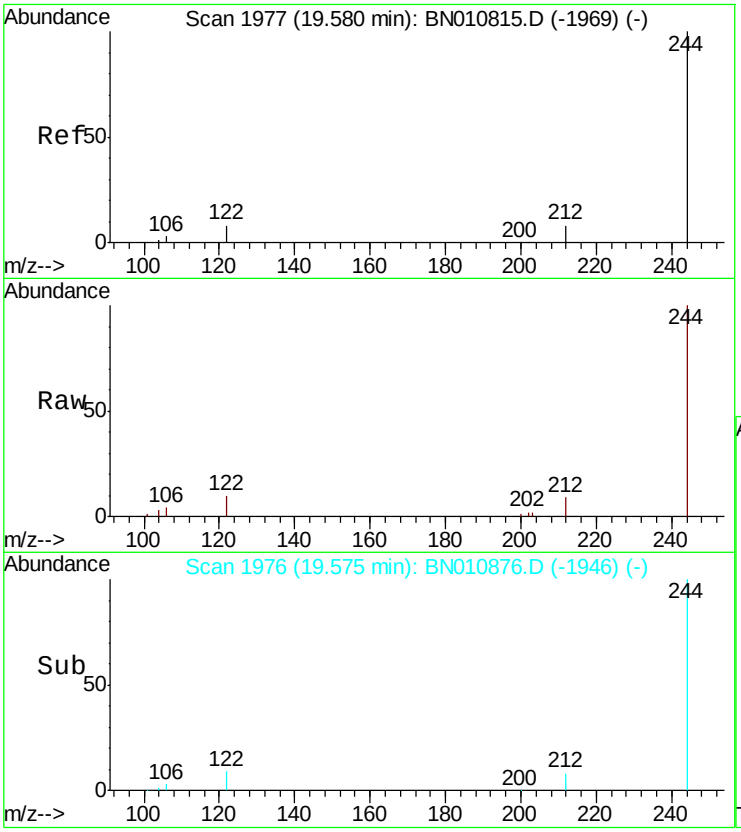


#28
Pyrene
Concen: 0.425 ng
RT: 19.36 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:202 Resp: 11150

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.7	14.2	21.4



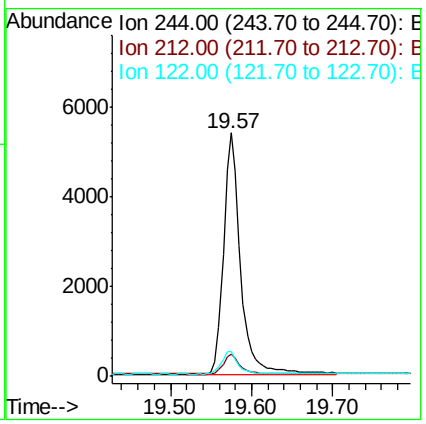


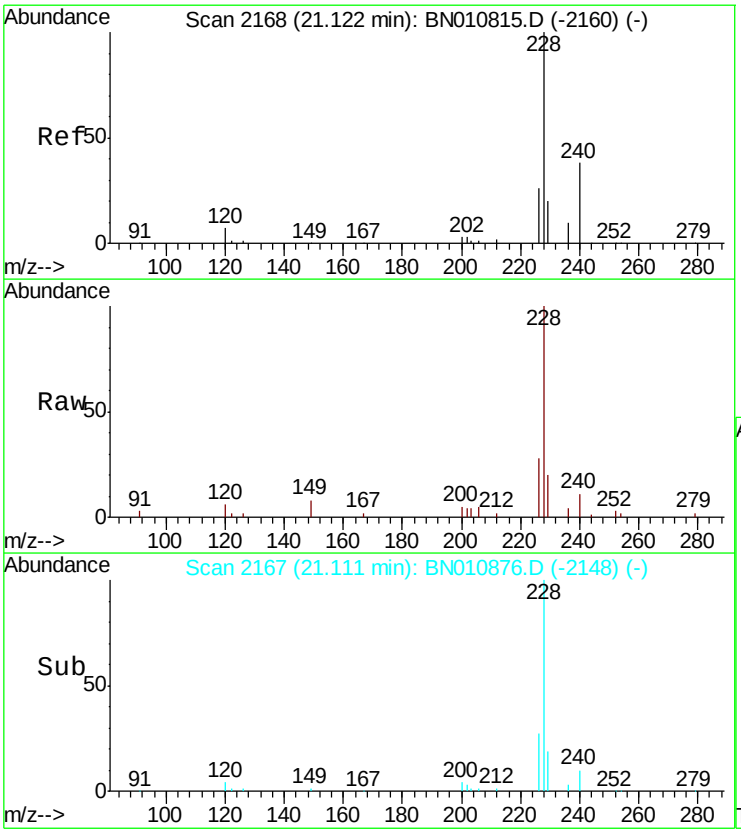
#29
Terphenyl-d14
Concen: 0.423 ng
RT: 19.57 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument : BNA_N
ClientSampleId : PB129538BSD

Tgt Ion:244 Resp: 7843

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.2
122	10.2	7.5	11.3

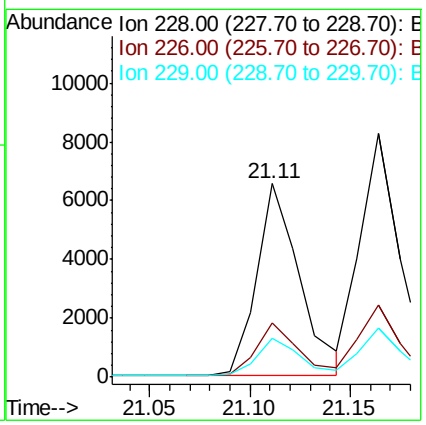


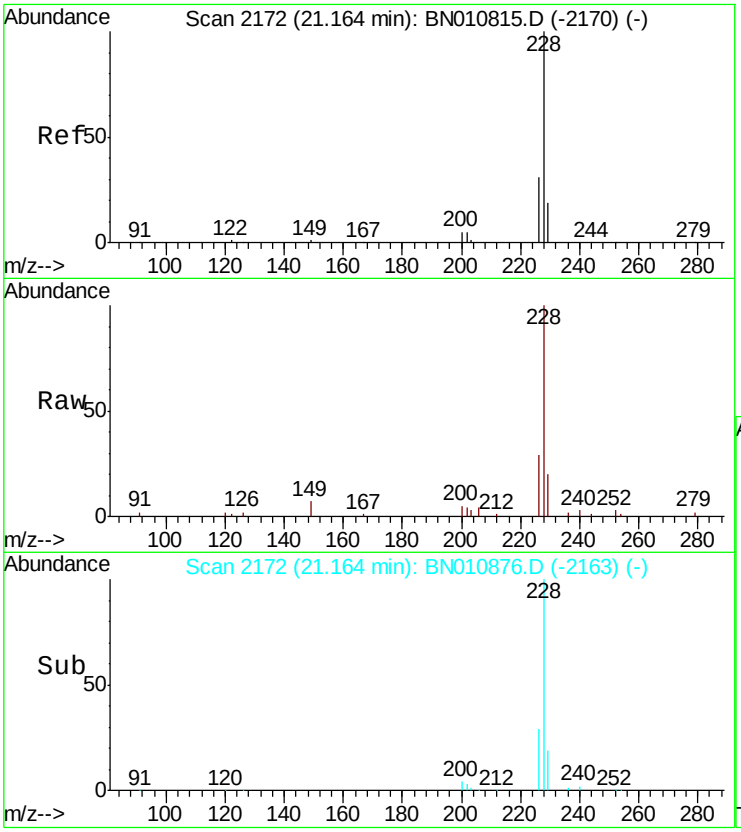


#30
Benzo(a)anthracene
Concen: 0.417 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:228 Resp: 9722

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.3	31.9
229	20.1	16.6	24.8



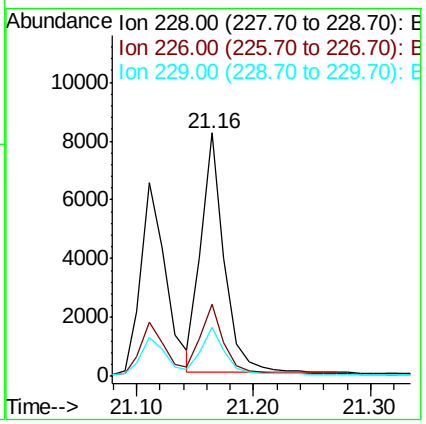


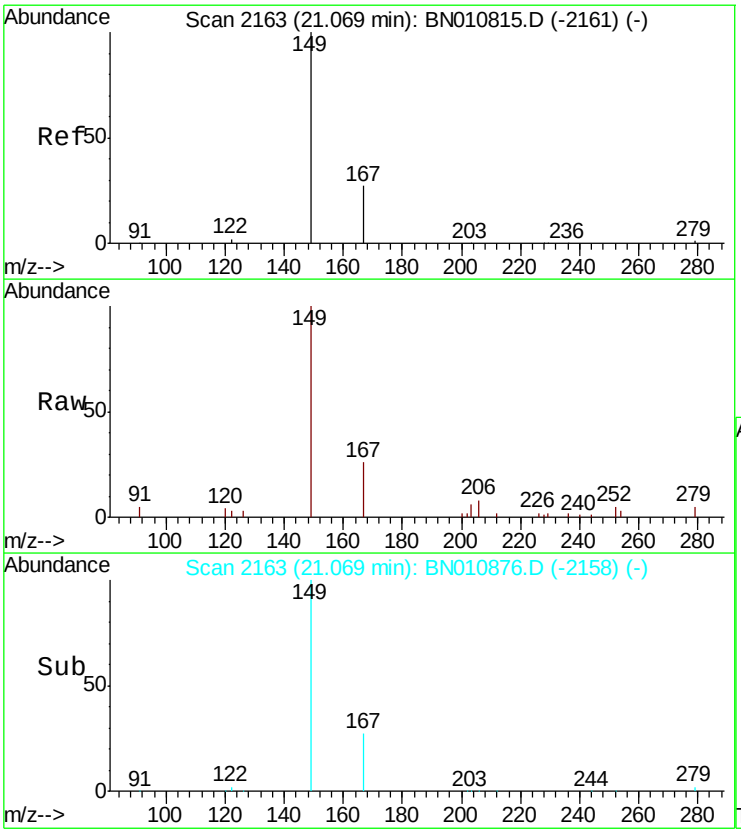
#31
Chrysene
Concen: 0.413 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:228 Resp: 11226

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	20.0	16.1	24.1

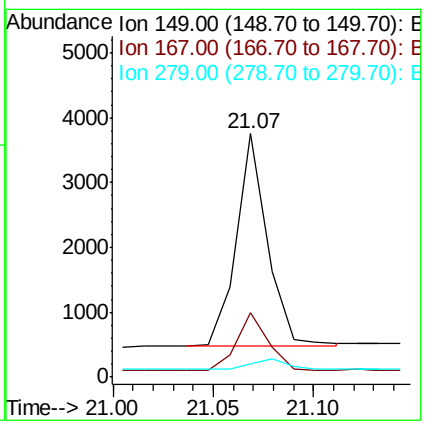


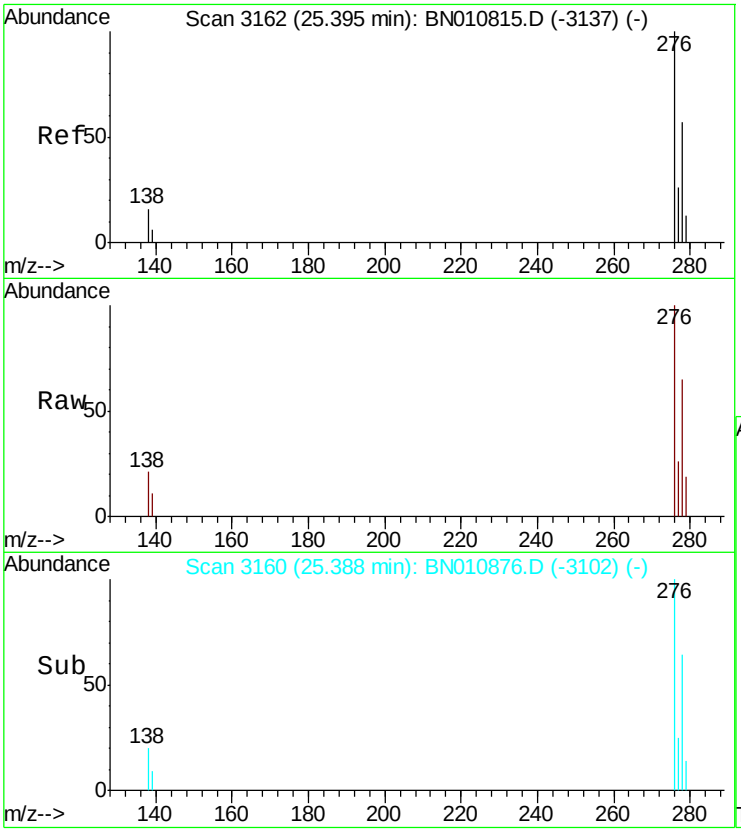


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.460 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:149 Resp: 3569

Ion	Ratio	Lower	Upper
149	100		
167	26.9	24.1	36.1
279	5.4	4.6	7.0



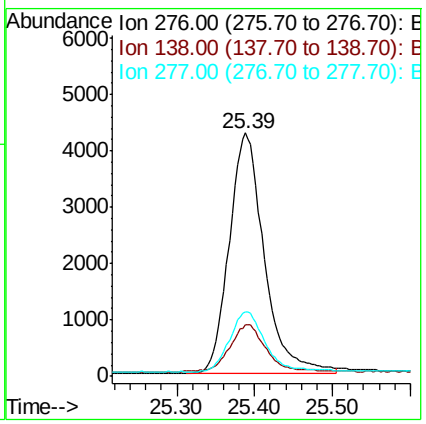


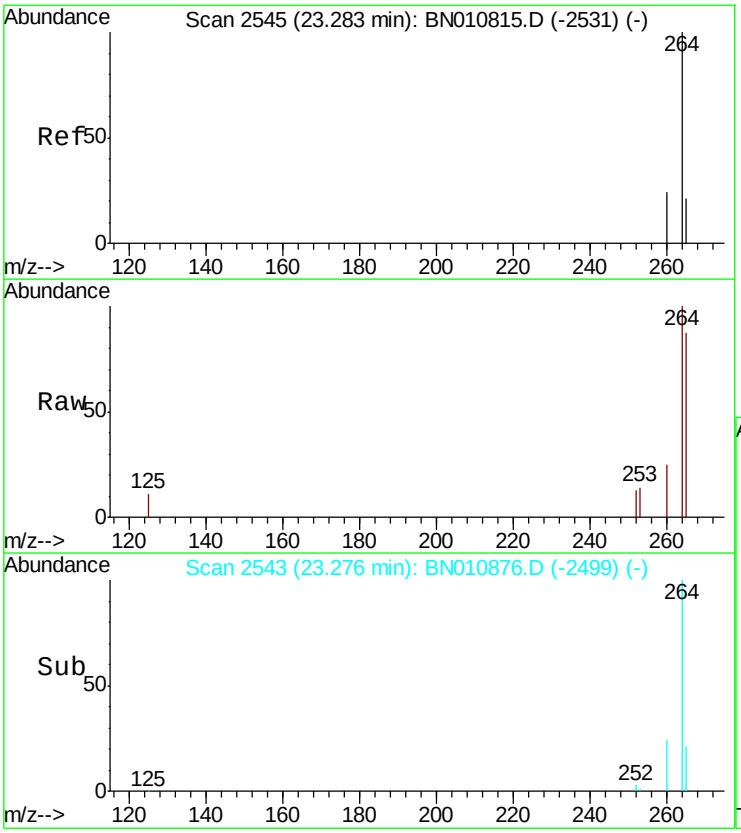
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng
RT: 25.39 min Scan# 3160
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:276 Resp: 13346

Ion	Ratio	Lower	Upper
276	100		
138	21.0	13.0	19.6#
277	25.1	19.7	29.5

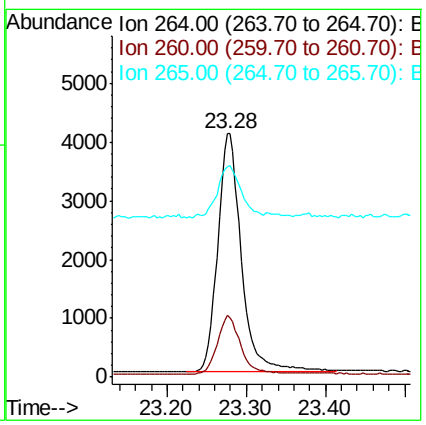


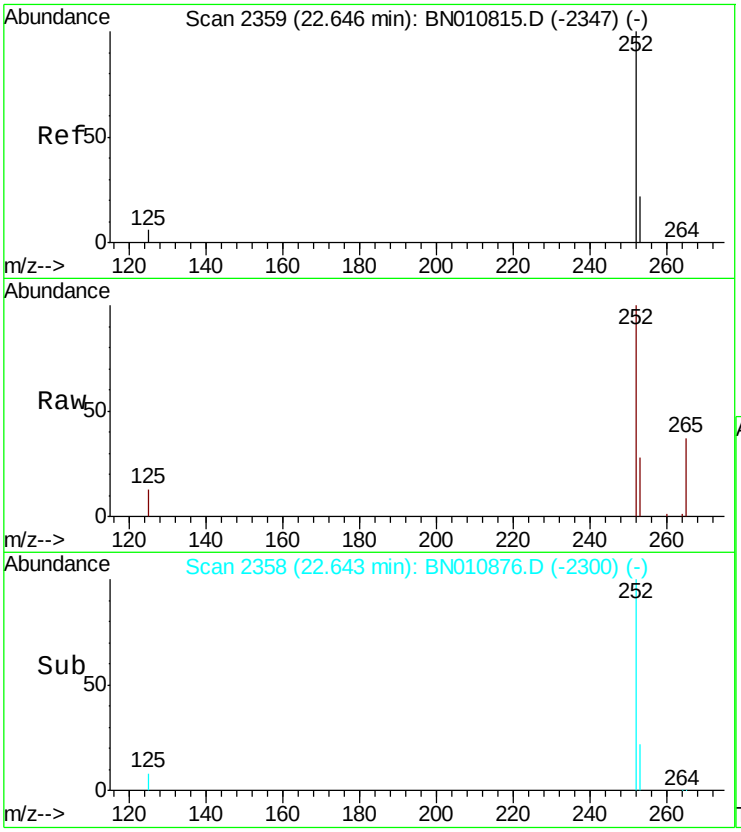


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:264 Resp: 8424

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	86.6	75.0	112.4



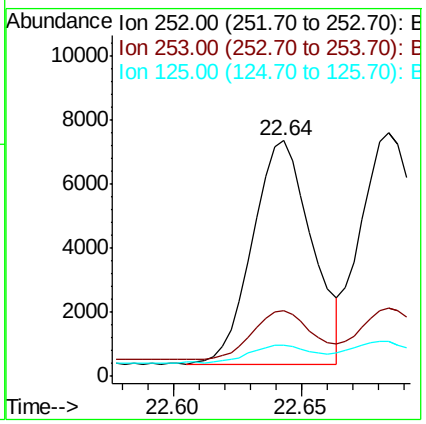


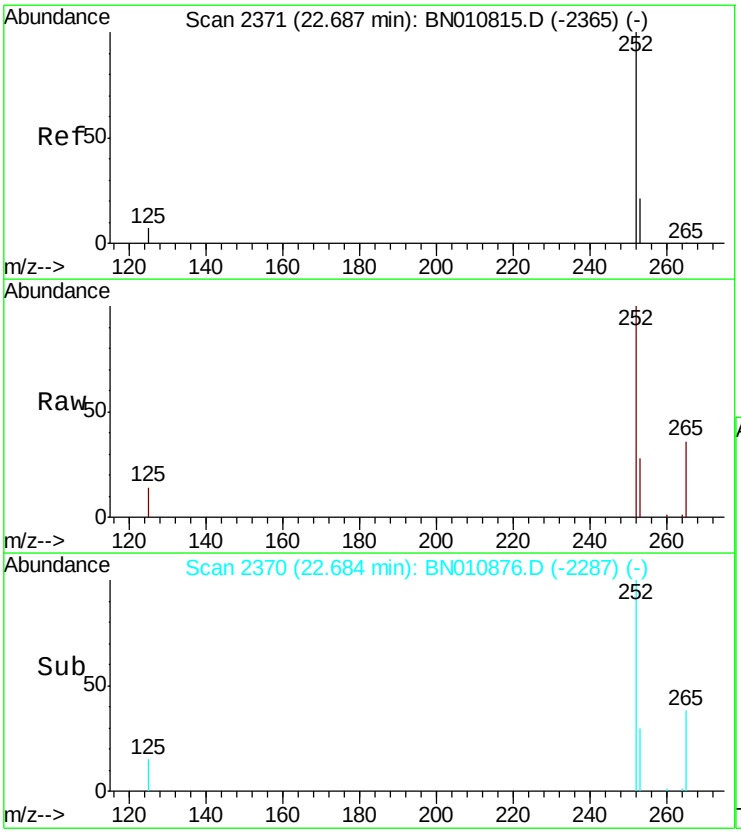
#35
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 22.64 min Scan# 2358
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:252 Resp: 11196

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.4	33.6
125	13.2	9.4	14.0

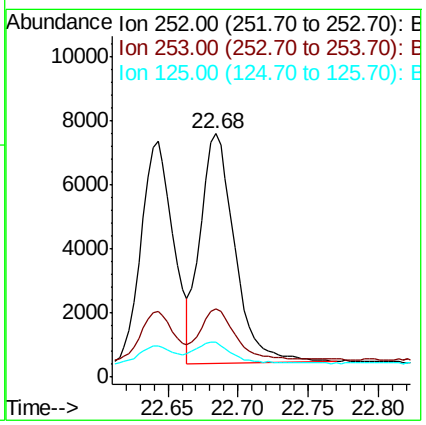


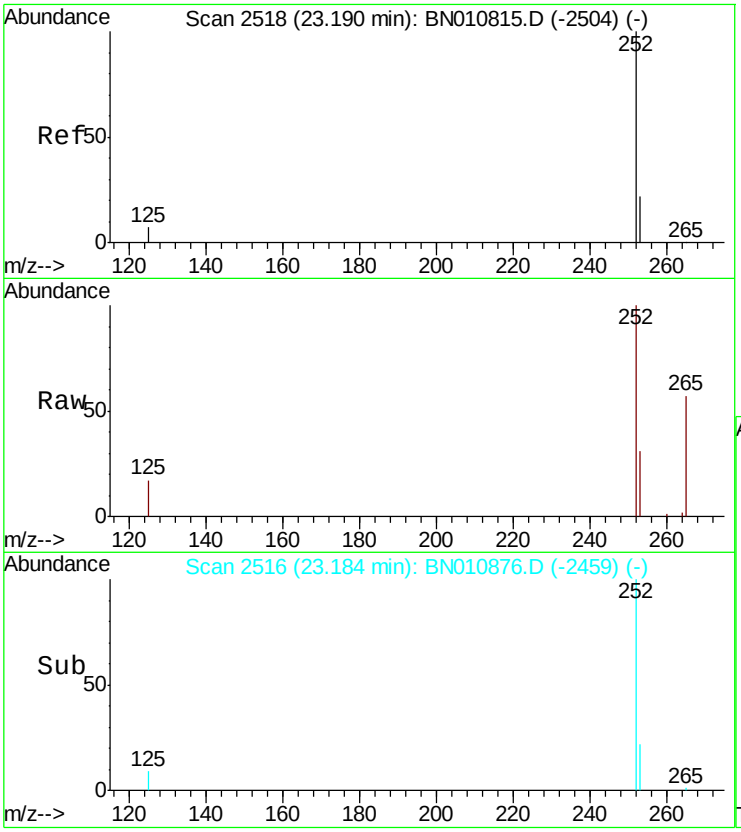


#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.68 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:252 Resp: 12168

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.2	33.4
125	14.2	9.8	14.8



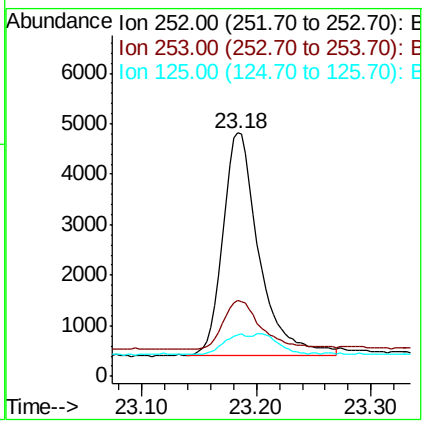


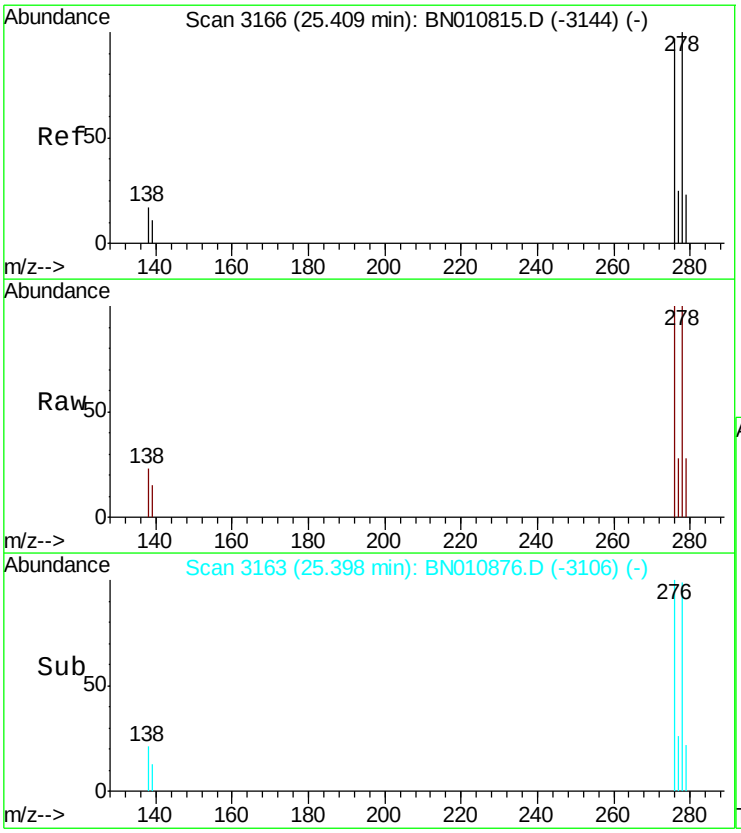
#37
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:252 Resp: 9761

Ion	Ratio	Lower	Upper
252	100		
253	31.3	25.8	38.8
125	17.2	12.4	18.6

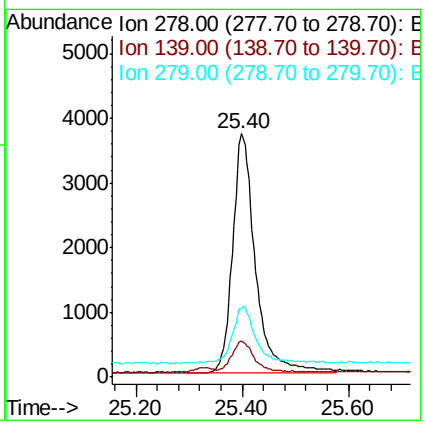


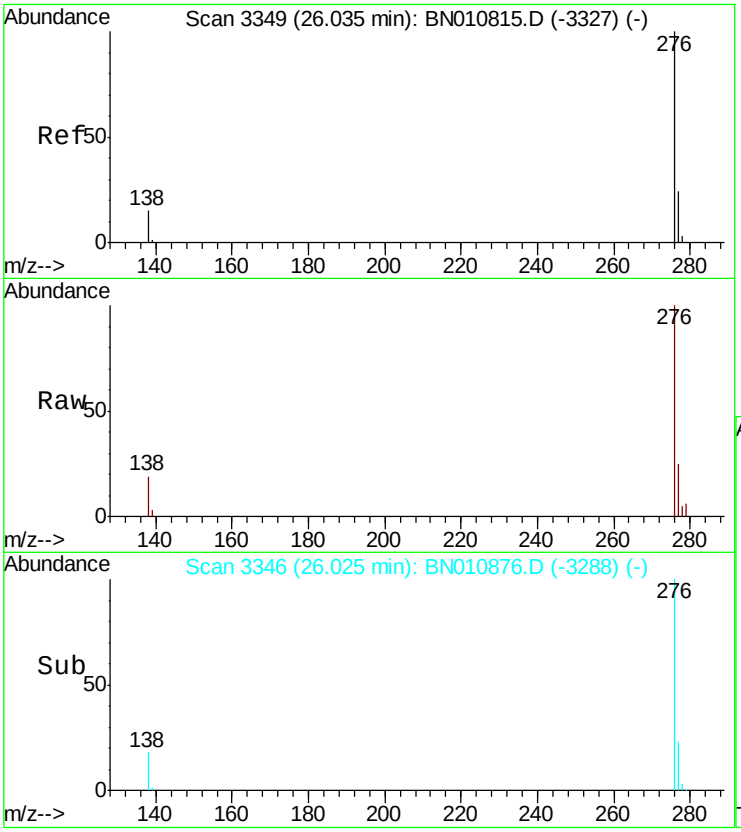


#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 25.40 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Tgt Ion:278 Resp: 11092

Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.6	15.8
279	27.9	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.396 ng
RT: 26.02 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BN010876.D
Acq: 15 Jun 2020 16:26

Instrument :
BNA_N
ClientSampleId :
PB129538BSD

Tgt Ion:276 Resp: 11606

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.5	30.7
138	19.4	13.7	20.5