Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010842.D
Acq On : 12 Jun 2020 11:24
Operator : CG/JU
Sample : PB129499BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129499BS

Quant Time: Jun 23 19:57:30 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 22 12:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2774	0.40	ng		0.02
7) Naphthalene-d8	10.30	136	9720	0.40	ng		0.03
13) Acenaphthene-d10	14.17	164	5195	0.40	ng		0.02
19) Phenanthrene-d10	16.92	188	10357	0.40	ng		0.01
27) Chrysene-d12	21.13	240	10672	0.40	ng		0.01
34) Perylene-d12	23.29	264	11585	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2237	0.42	ng		0.02
5) Phenol-d6	6.75	99	2511	0.40	ng		0.02
8) Nitrobenzene-d5	8.68	82	2615	0.36	ng		0.01
11) 2-Methylnaphthalene-d10	11.90	152	7884	0.52	ng		0.02
14) 2,4,6-Tribromophenol	15.68	330	585	0.31	ng		0.02
15) 2-Fluorobiphenyl	12.79	172	7247	0.35	ng		0.01
25) Fluoranthene-d10	18.96	212	10213	0.36	ng		0.02
29) Terphenyl-d14	19.58	244	8200	0.33	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1001	0.368	ng	#	68
3) n-Nitrosodimethylamine	3.54	42	799	0.506	ng	#	90
6) bis(2-Chloroethyl)ether	6.99	93	3283	0.534	ng		95
9) Naphthalene	10.35	128	12064	0.494	ng		99
10) Hexachlorobutadiene	10.65	225	2633	0.436	ng	#	99
12) 2-Methylnaphthalene	11.97	142	8023	0.491	ng		98
16) Acenaphthylene	13.89	152	10383	0.488	ng		99
17) Acenaphthene	14.24	154	6841	0.471	ng		98
18) Fluorene	15.23	166	8526	0.456	ng		98
20) 4-Bromophenyl-phenylether	16.13	248	2584	0.415	ng		99
21) Hexachlorobenzene	16.24	284	3070	0.473	ng		95
22) Pentachlorophenol	16.59	266	1739	0.798	ng		95
23) Phenanthrene	16.96	178	13306	0.470	ng		99
24) Anthracene	17.06	178	11486	0.486	ng		100
26) Fluoranthene	18.99	202	15844	0.493	ng	#	98
28) Pyrene	19.36	202	16263	0.461	ng		100
30) Benzo(a)anthracene	21.12	228	16430	0.524	ng		100
31) Chrysene	21.17	228	17650	0.483	ng		97
32) Bis(2-ethylhexyl)phthalate	21.08	149	9475	0.906	ng		97
33) Indeno(1,2,3-cd)pyrene	25.40	276	22953	0.562	ng	#	95
35) Benzo(b)fluoranthene	22.65	252	17813	0.452	ng		98
36) Benzo(k)fluoranthene	22.69	252	18543	0.442	ng		99
37) Benzo(a)pyrene	23.19	252	17273	0.511	ng		95
38) Dibenzo(a,h)anthracene	25.42	278	18320	0.475	ng		97
39) Benzo(g,h,i)perylene	26.04	276	22574	0.561	ng		97

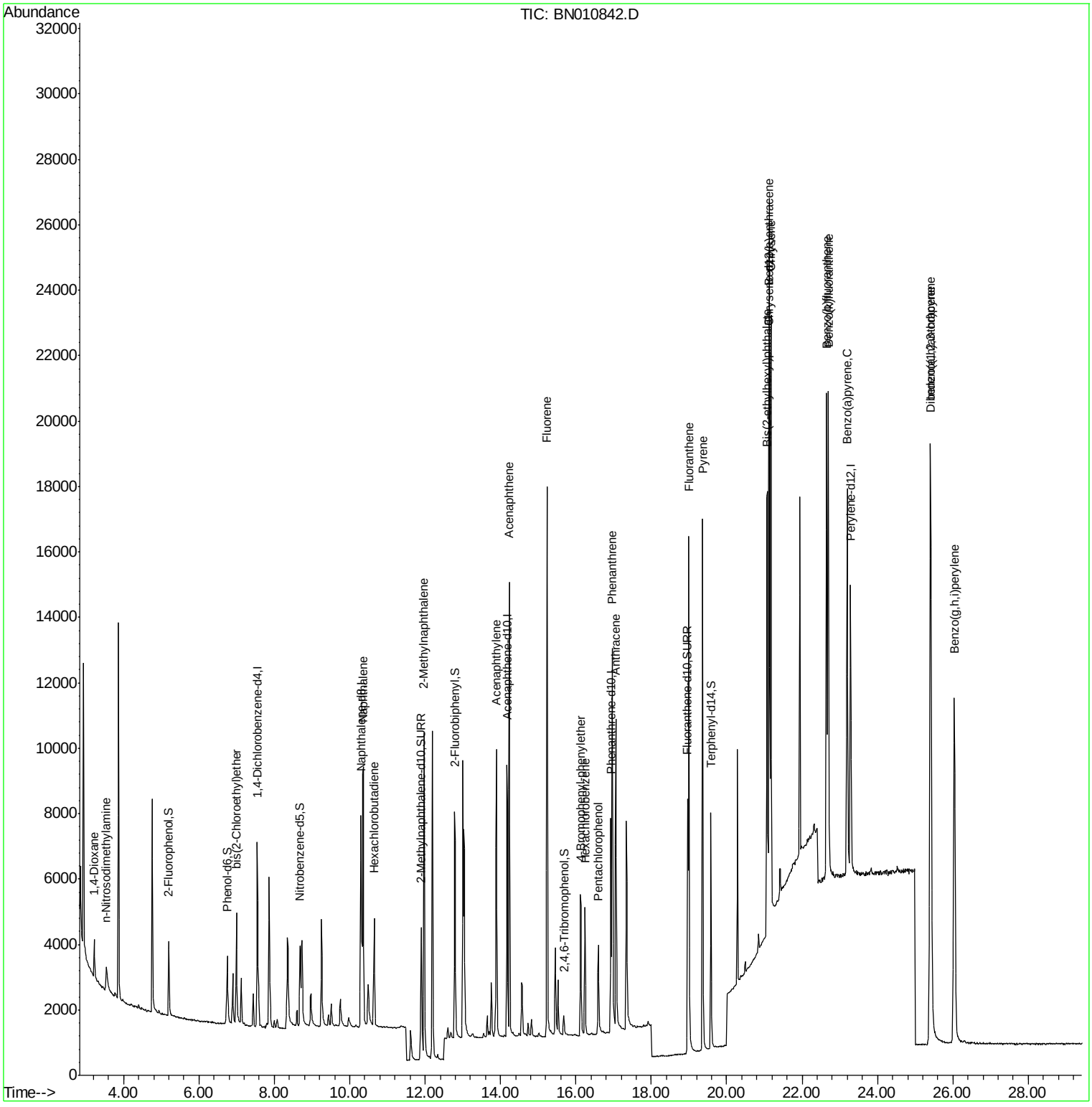
(#) = qualifier out of range (m) = manual integration (+) = signals summed

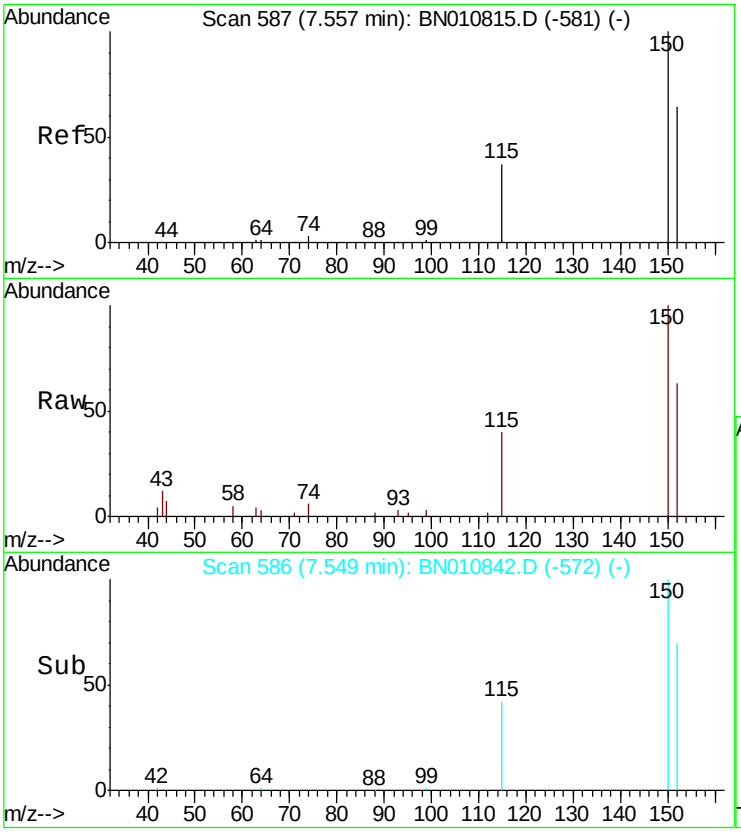
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010842.D
Acq On : 12 Jun 2020 11:24
Operator : CG/JU
Sample : PB129499BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Quant Time: Jun 23 19:57:30 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 22 12:02:11 2020
Response via : Initial Calibration



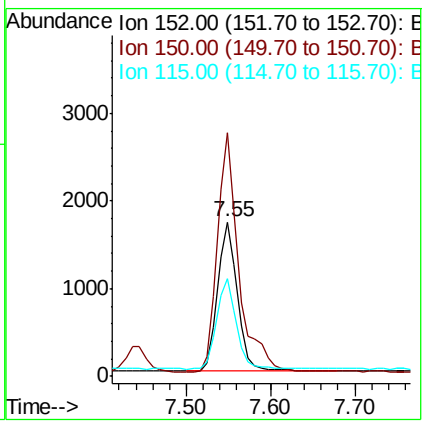


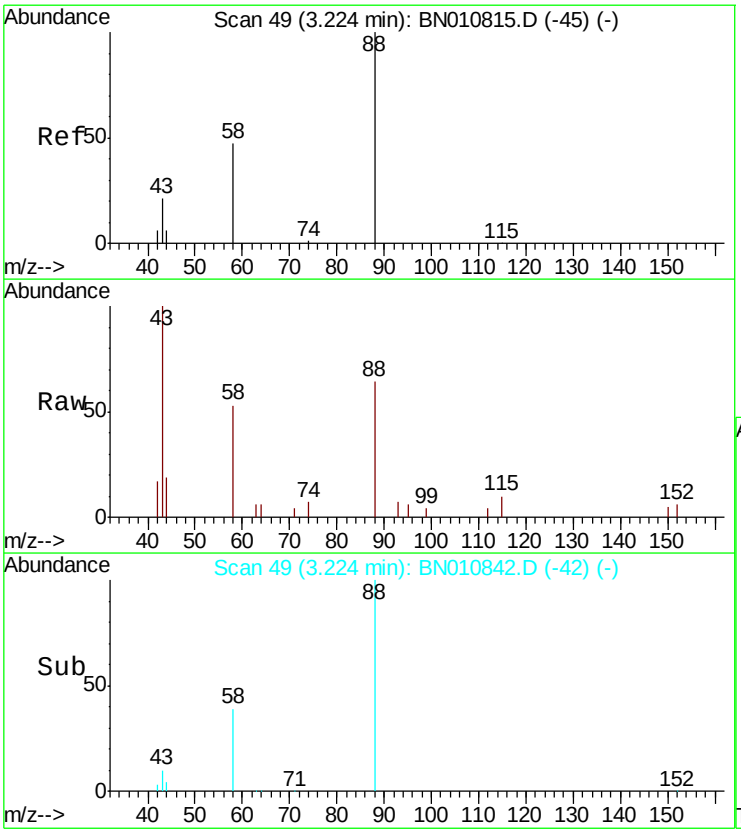
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:152 Resp: 2774

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	63.1	49.2	73.8

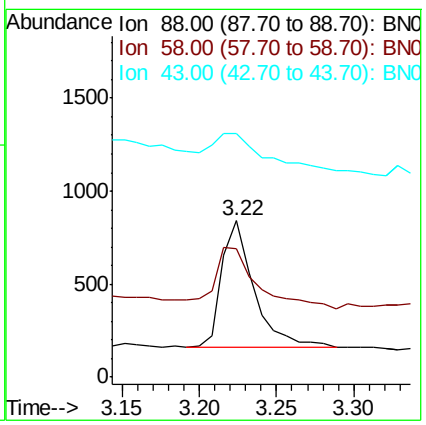


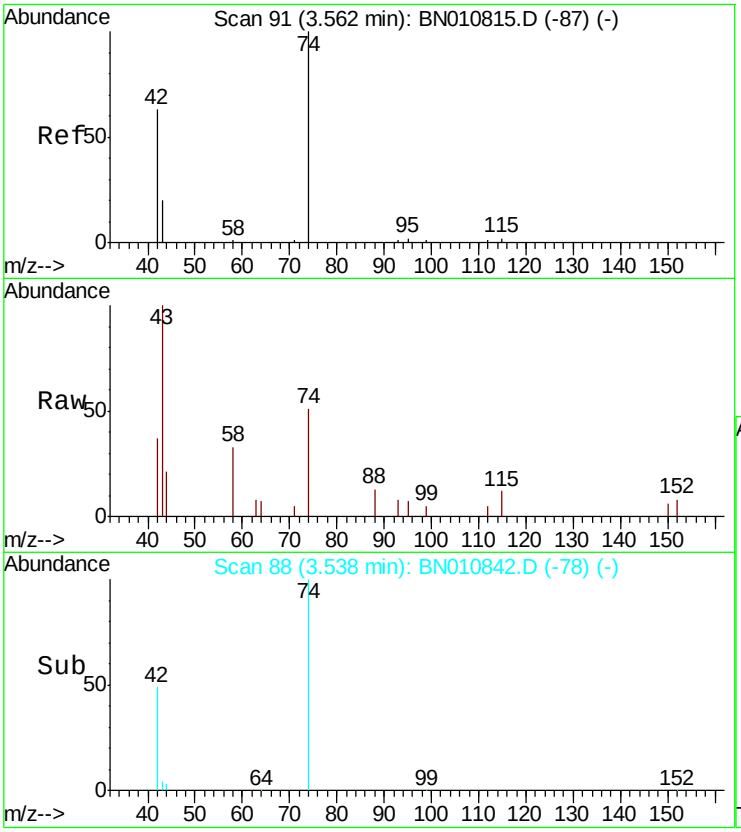


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion: 88 Resp: 1001

Ion	Ratio	Lower	Upper
88	100		
58	62.5	38.2	57.4#
43	45.5	15.1	22.7#



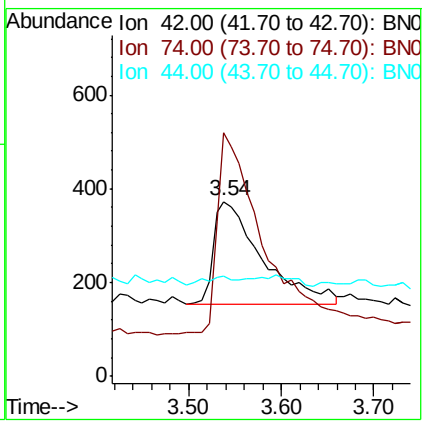


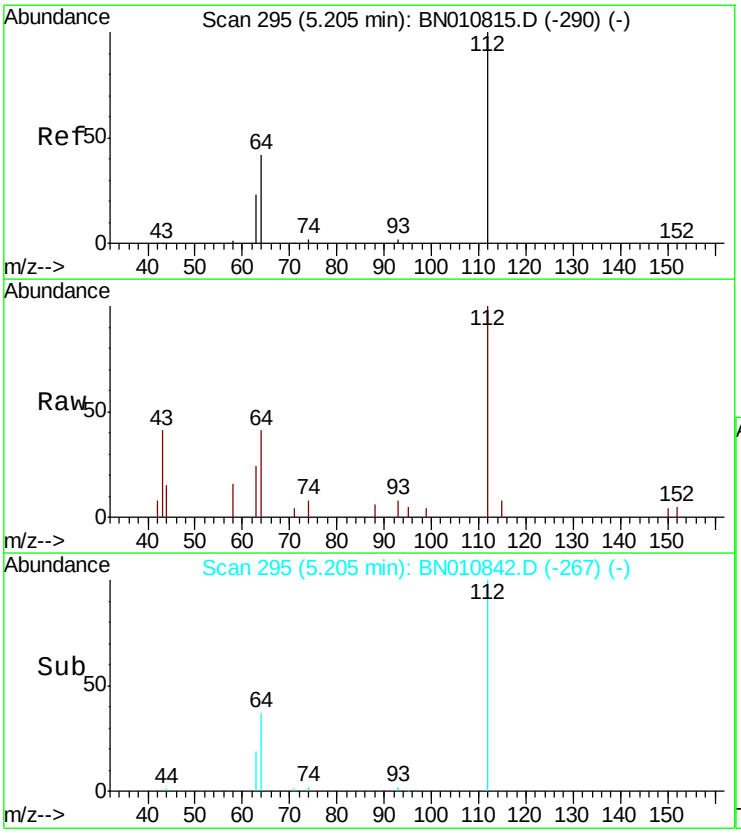
#3
n-Nitrosodimethylamine
Concen: 0.506 ng
RT: 3.54 min Scan# 88
Delta R.T. -0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion: 42 Resp: 799

Ion	Ratio	Lower	Upper
42	100		
74	189.7	140.7	211.1
44	4.9	1.4	2.2#

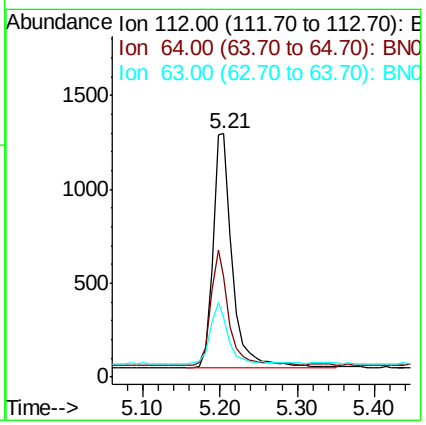


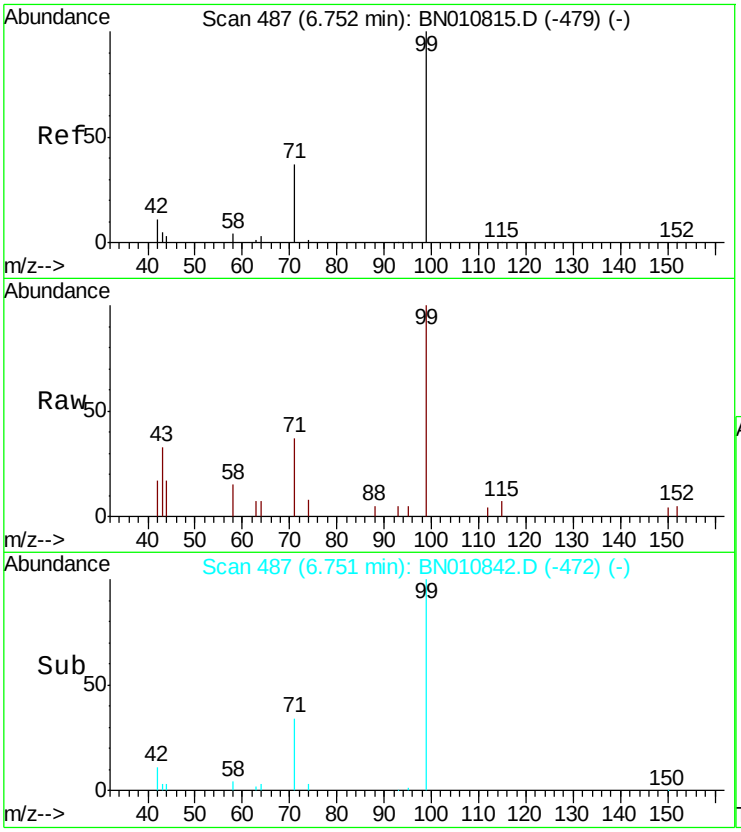


#4
2-Fluorophenol
Concen: 0.418 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:112 Resp: 2237

Ion	Ratio	Lower	Upper
112	100		
64	44.5	37.4	56.0
63	24.2	22.2	33.4



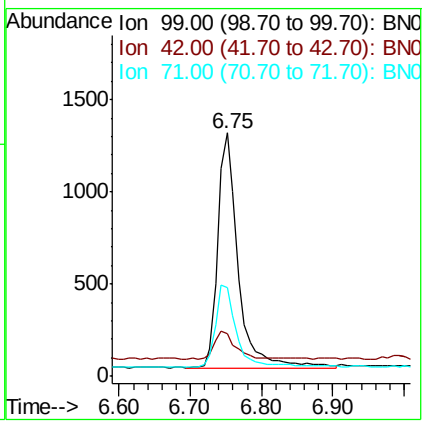


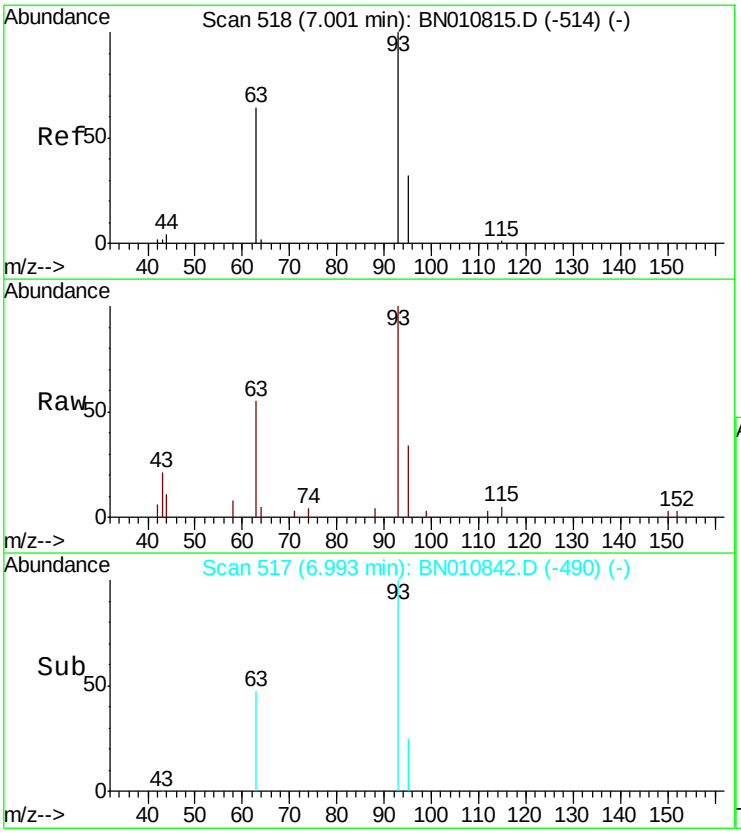
#5
Phenol-d6
Concen: 0.398 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion: 99 Resp: 2511

Ion	Ratio	Lower	Upper
99	100		
42	12.7	11.1	16.7
71	35.7	31.4	47.2

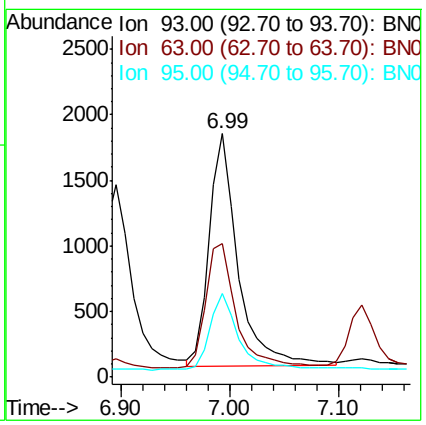


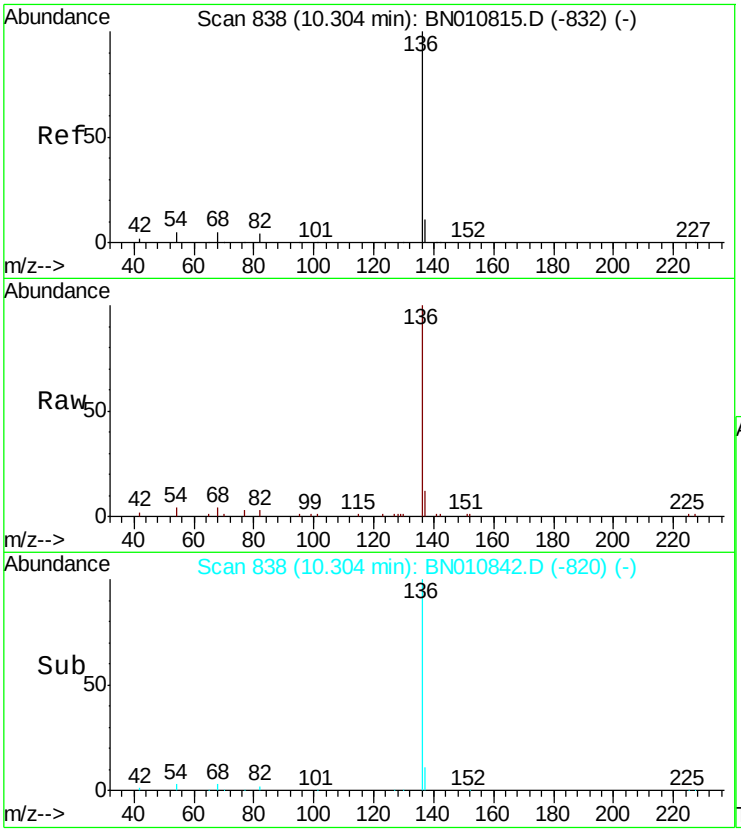


#6
bis(2-Chloroethyl)ether
Concen: 0.534 ng
RT: 6.99 min Scan# 517
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion: 93 Resp: 3283

Ion	Ratio	Lower	Upper
93	100		
63	56.6	49.4	74.2
95	33.2	26.7	40.1



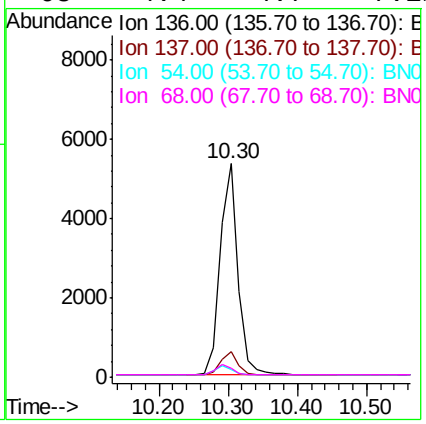


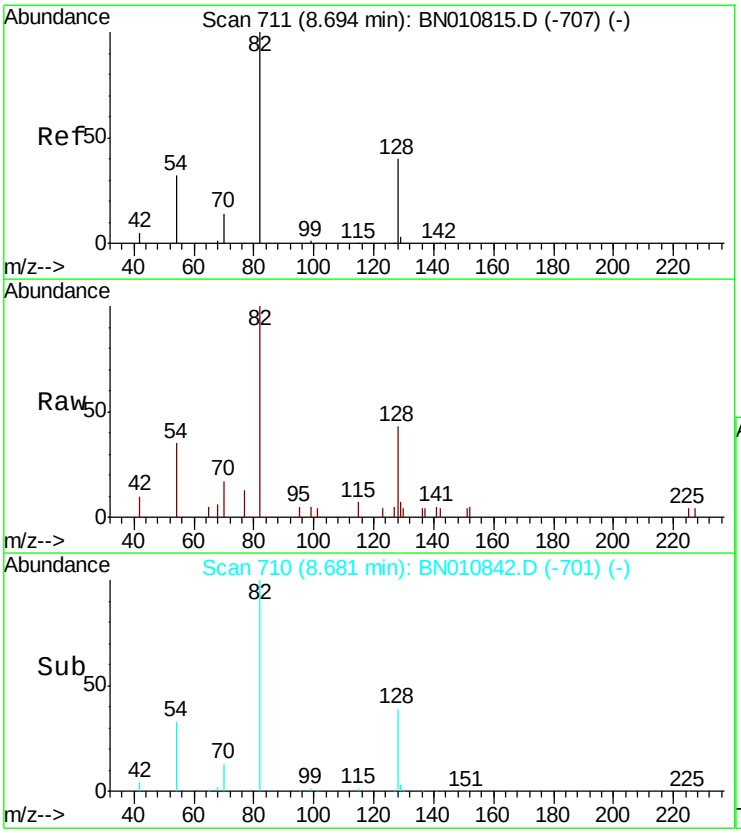
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.03 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:136 Resp: 9720

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	3.7	4.9	7.3#
68	4.4	4.7	7.1#

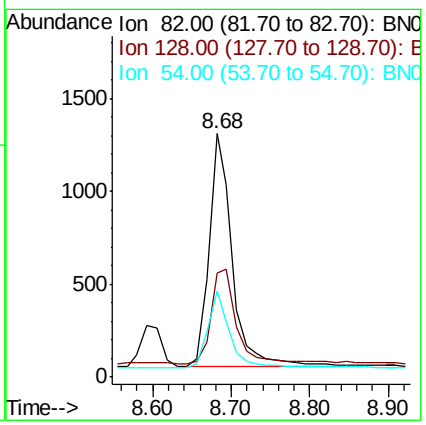


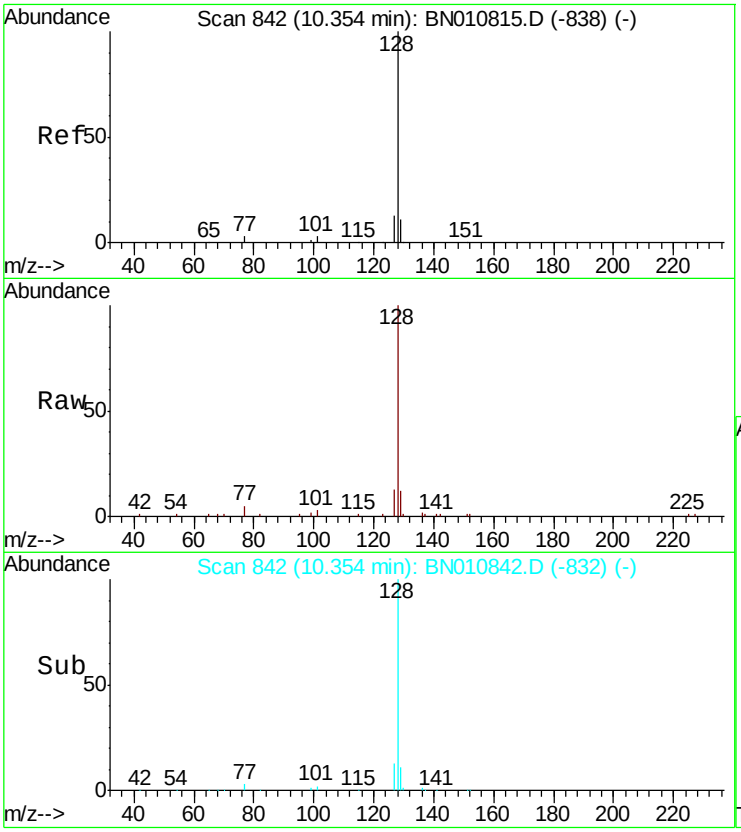


#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.01 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion: 82 Resp: 2615

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.4	53.0
54	35.4	28.2	42.4



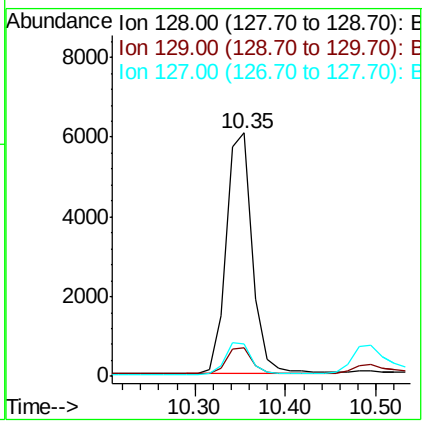


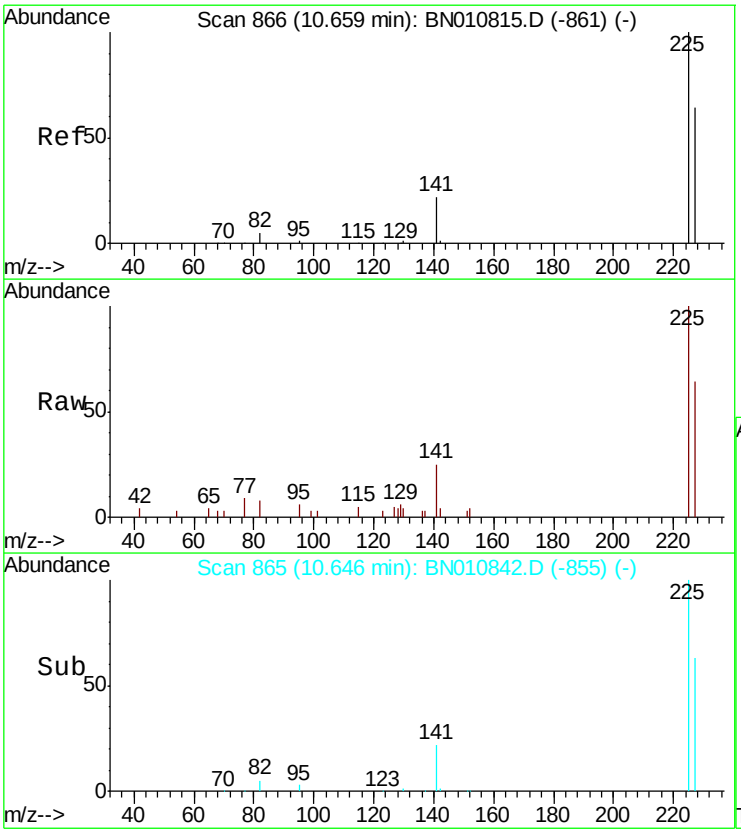
#9
Naphthalene
Concen: 0.494 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.03 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:128 Resp: 12064

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	13.5	11.4	17.2

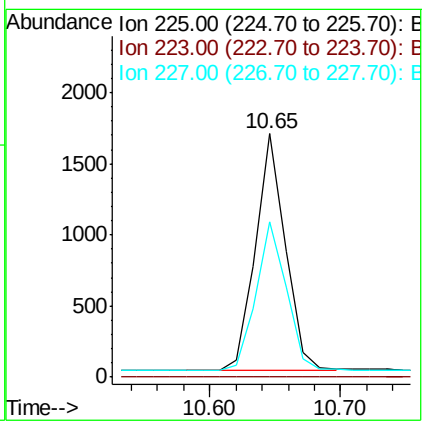


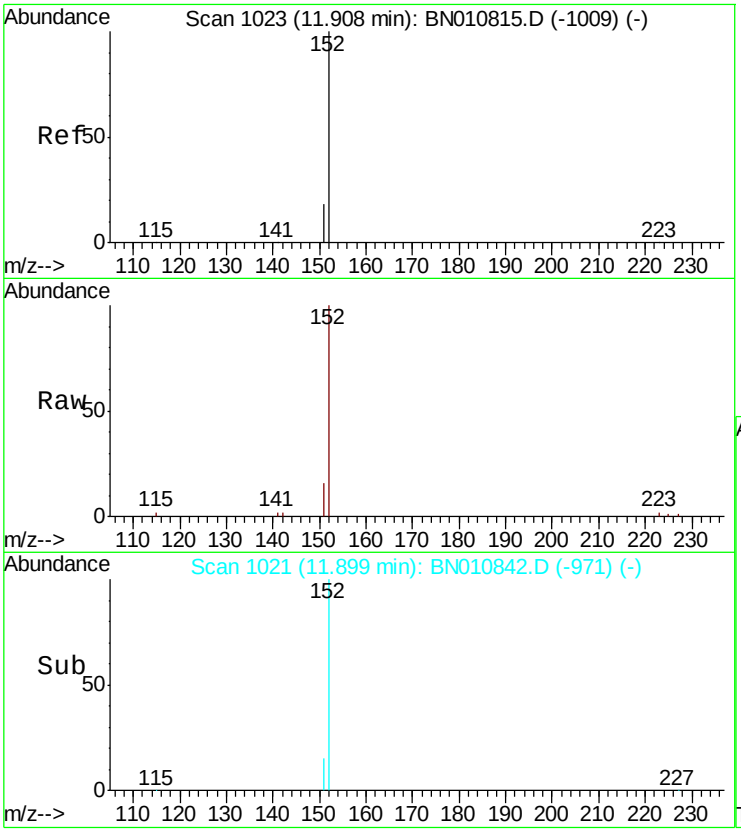


#10
Hexachlorobutadiene
Concen: 0.436 ng
RT: 10.65 min Scan# 865
Delta R.T. 0.03 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:225 Resp: 2633

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.5	75.7



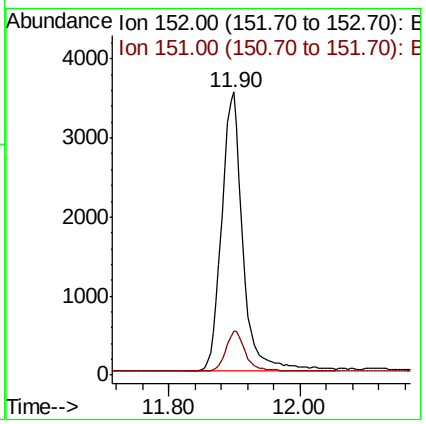


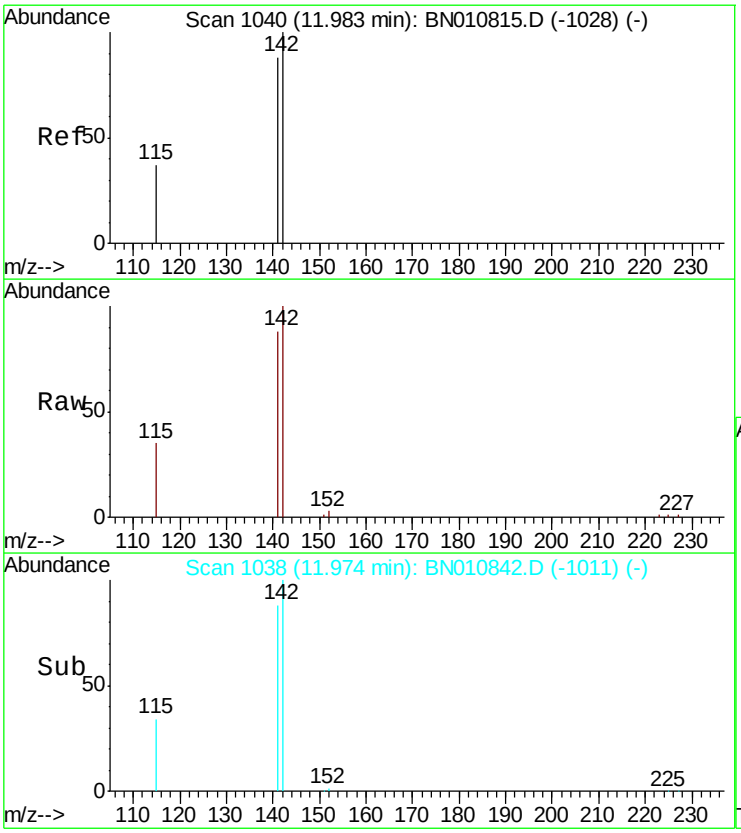
#11
2-Methylnaphthalene-d10
Concen: 0.523 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:152 Resp: 7884

Ion	Ratio	Lower	Upper
152	100		
151	13.1	15.3	22.9#

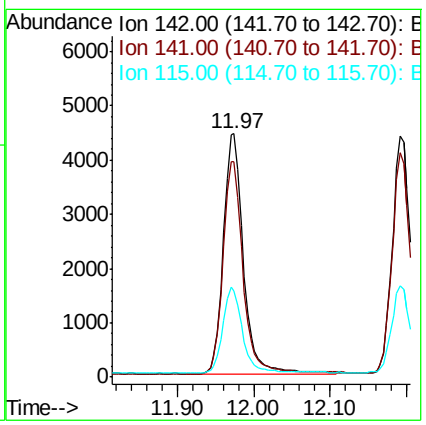


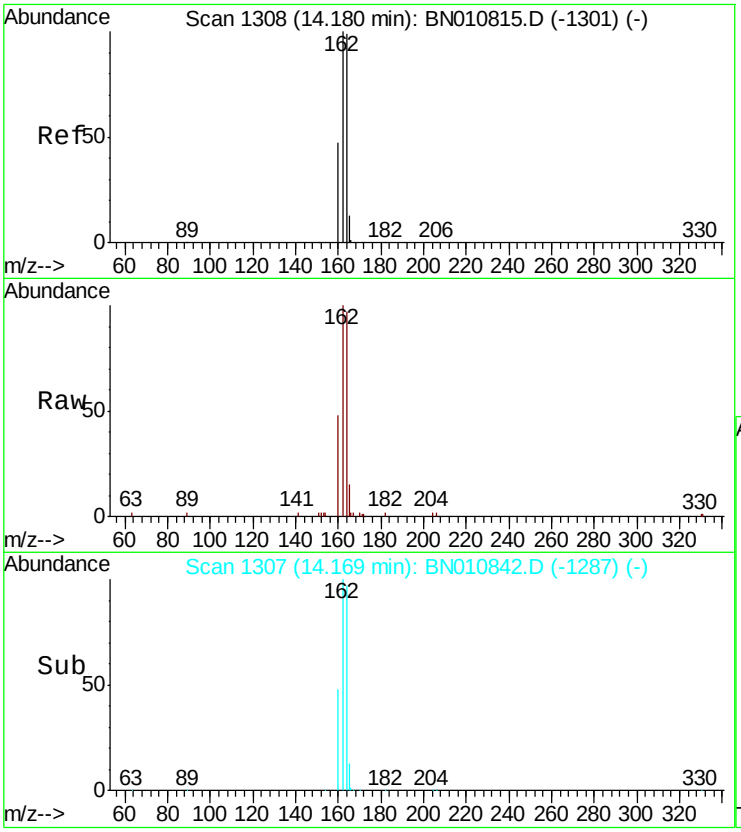


#12
2-Methylnaphthalene
Concen: 0.491 ng
RT: 11.97 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:142 Resp: 8023

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	35.4	31.5	47.3



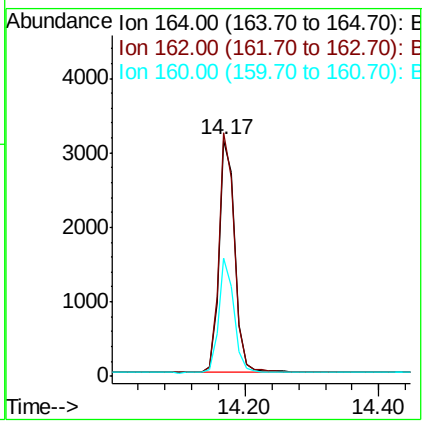


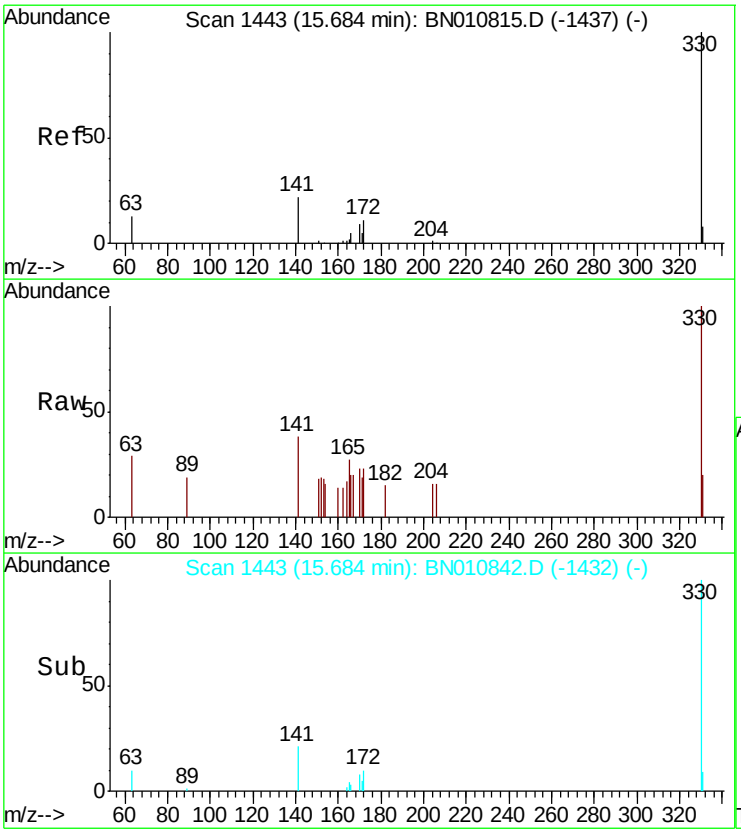
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:164 Resp: 5195

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.0	121.6
160	49.9	38.9	58.3

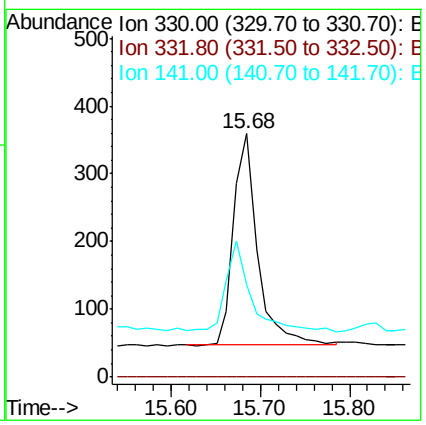


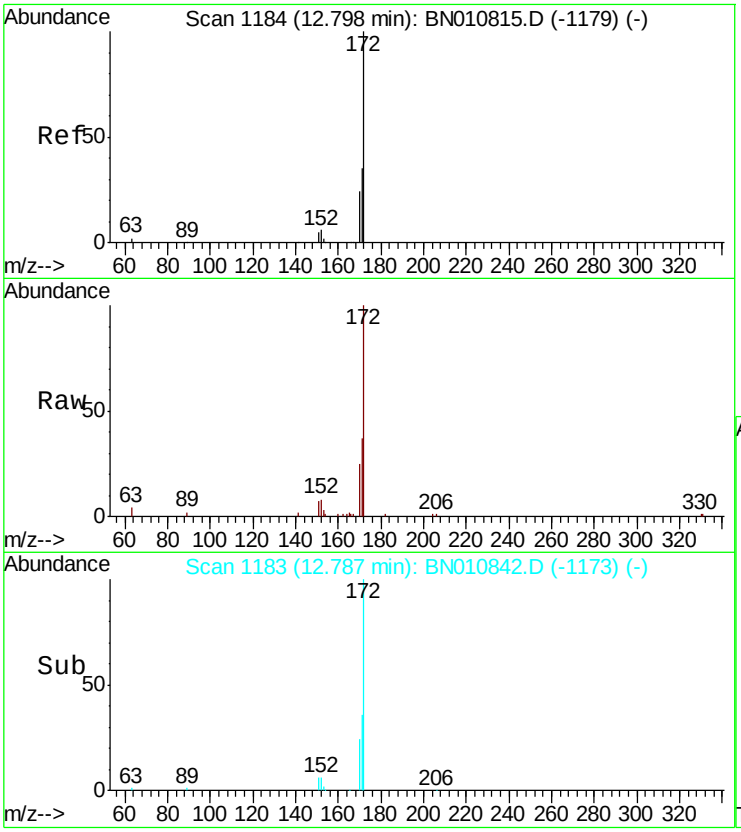


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.68 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:330 Resp: 585

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.3	33.2	49.8



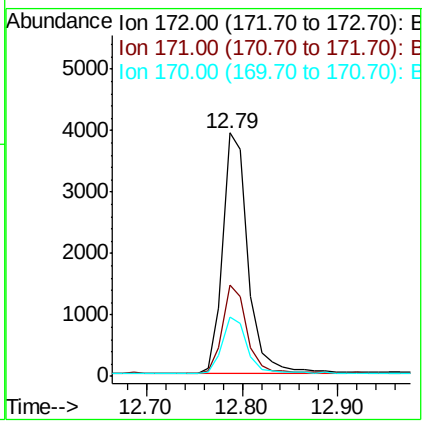


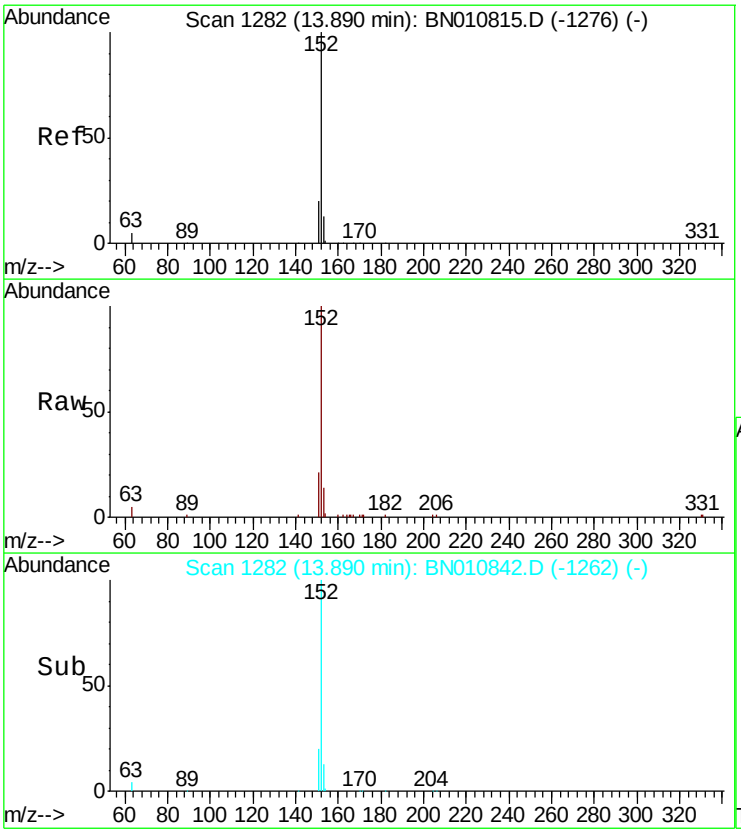
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:172 Resp: 7247

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.5	42.7
170	24.6	19.7	29.5

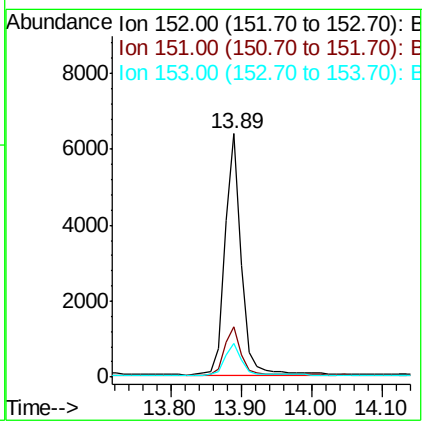


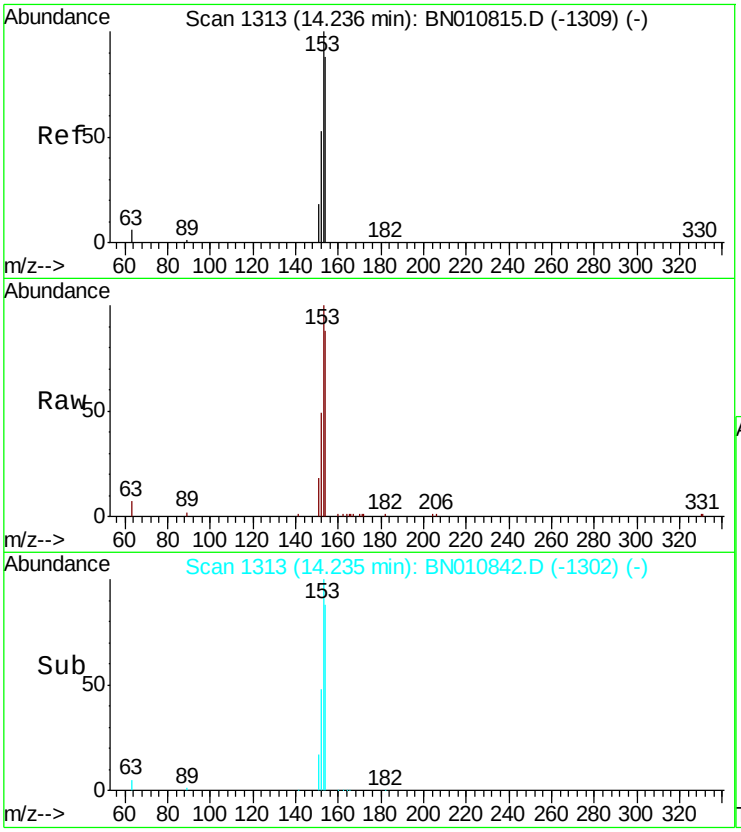


#16
Acenaphthylene
Concen: 0.488 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:152 Resp: 10383

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.6	23.4
153	13.3	10.6	16.0



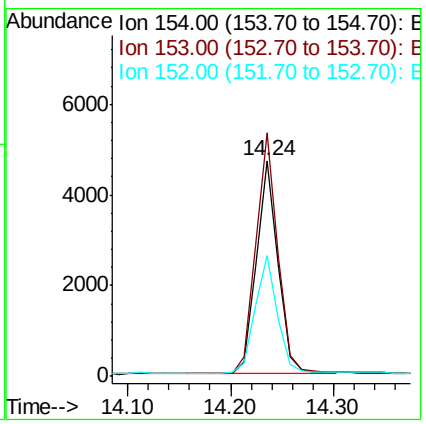


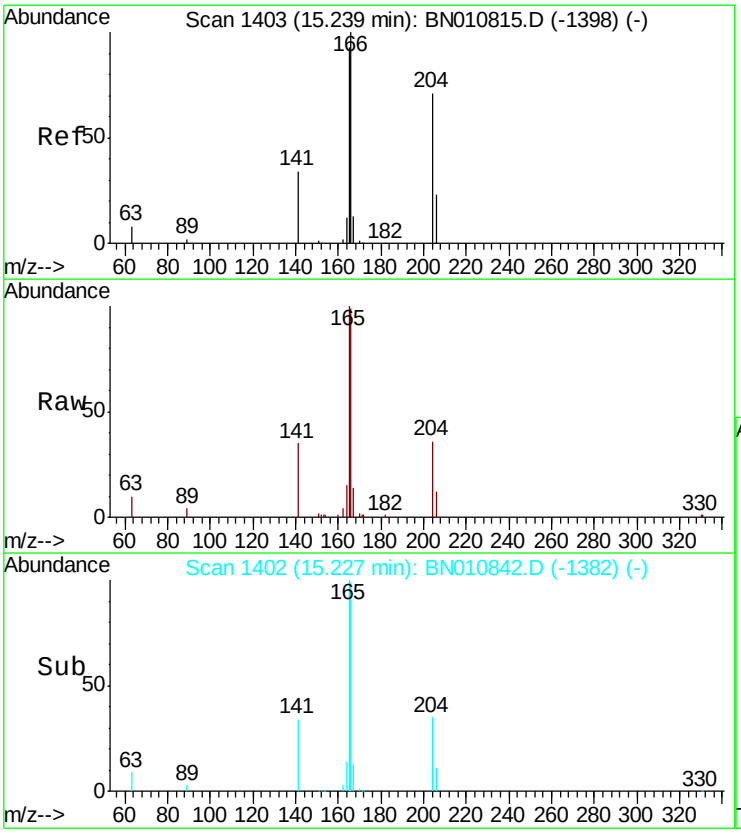
#17
Acenaphthene
Concen: 0.471 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:154 Resp: 6841

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.8	137.6
152	57.0	47.6	71.4

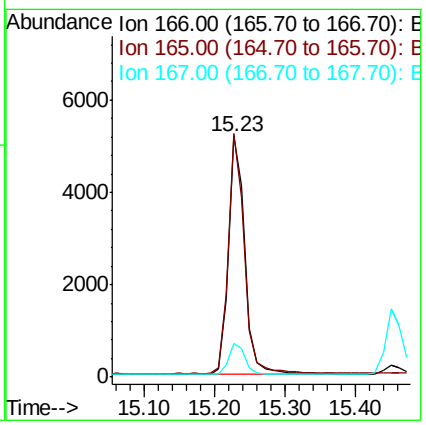


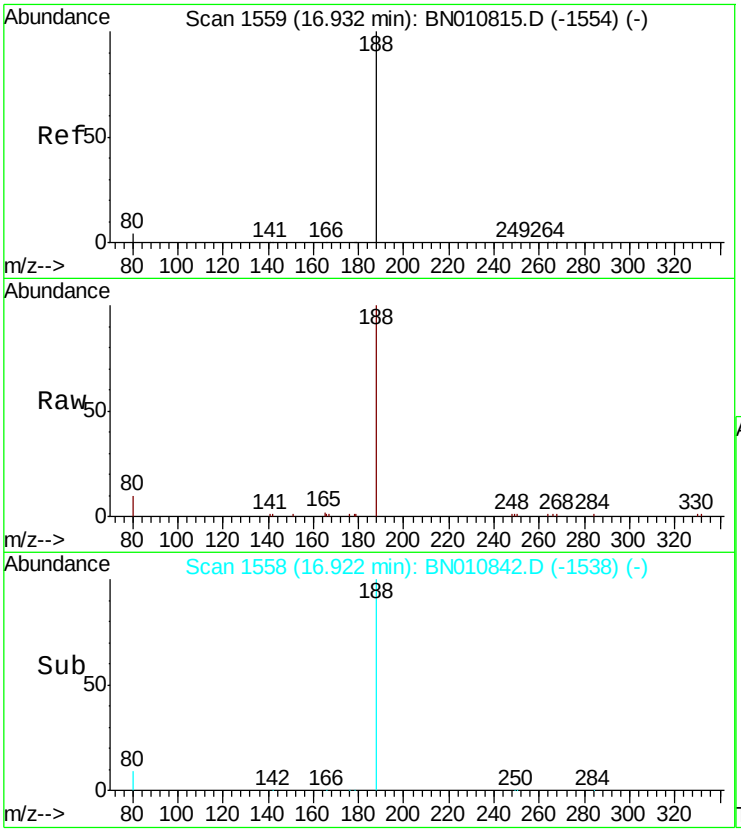


#18
Fluorene
Concen: 0.456 ng
RT: 15.23 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:166 Resp: 8526

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.2	115.8
167	13.5	10.7	16.1



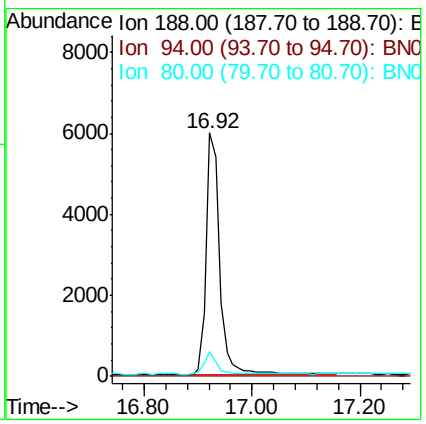


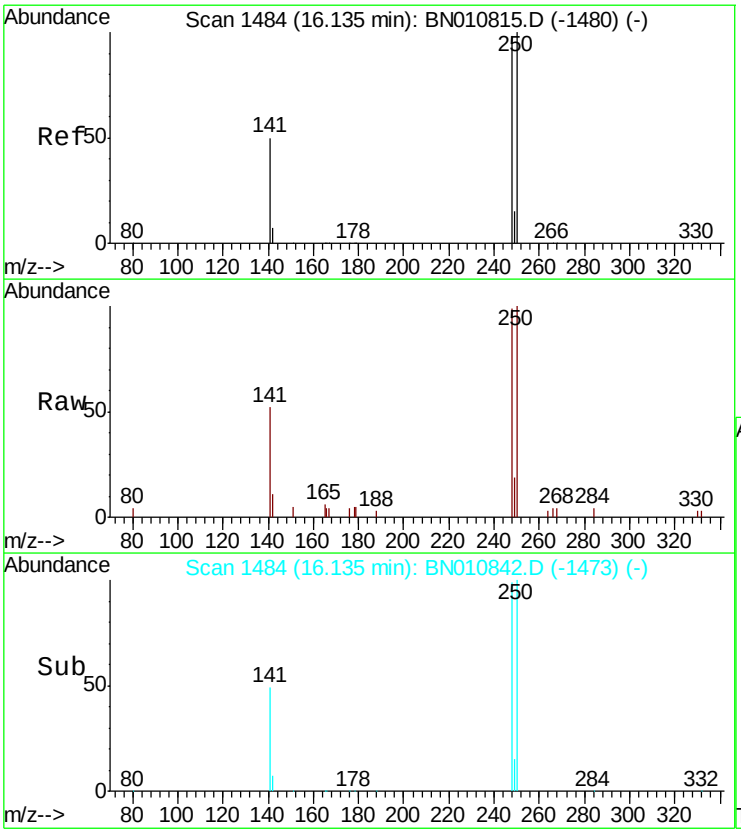
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:188 Resp: 10357

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	4.5	6.7#

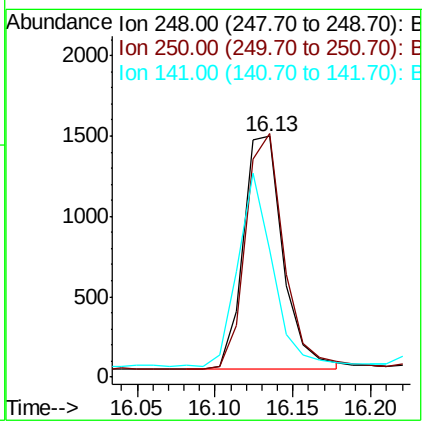


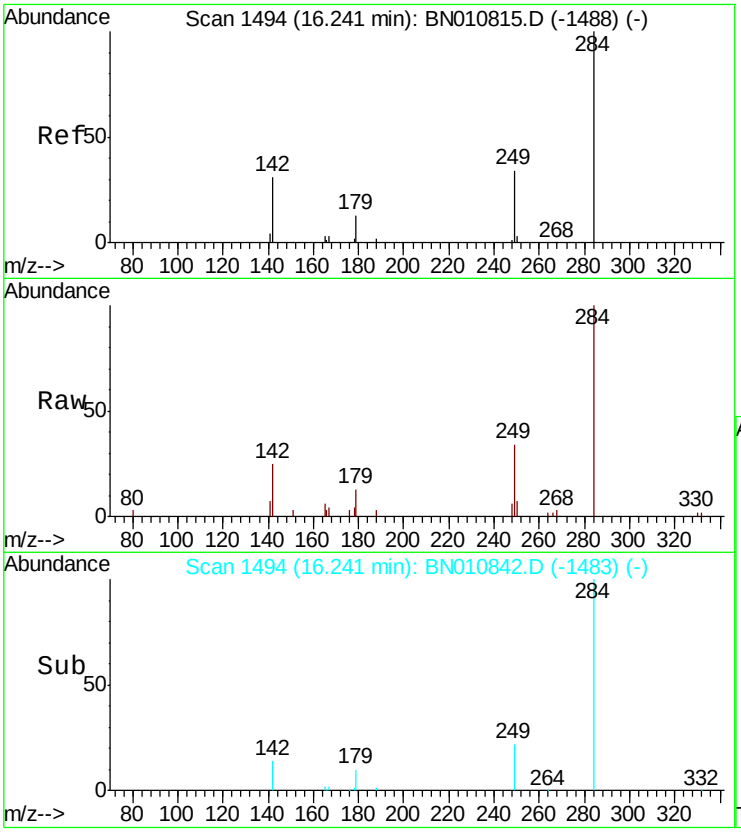


#20
4-Bromophenyl-phenylether
Concen: 0.415 ng
RT: 16.13 min Scan# 1484
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:248 Resp: 2584

Ion	Ratio	Lower	Upper
248	100		
250	101.1	81.8	122.8
141	52.6	42.6	64.0



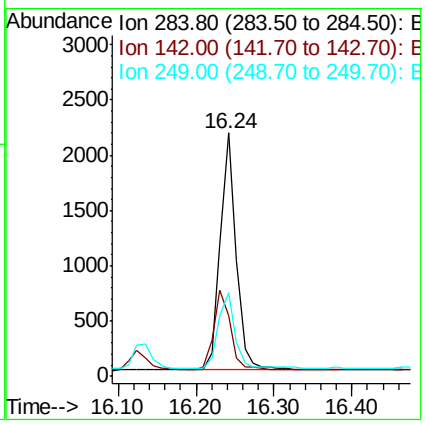


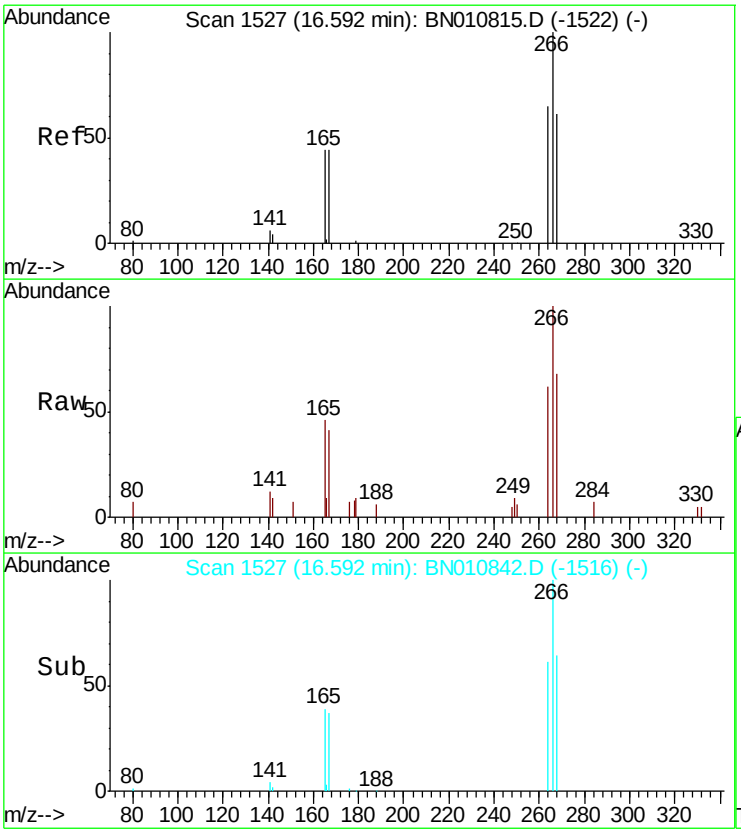
#21
Hexachlorobenzene
Concen: 0.473 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:284 Resp: 3070

Ion	Ratio	Lower	Upper
284	100		
142	34.2	31.0	46.4
249	33.0	27.1	40.7

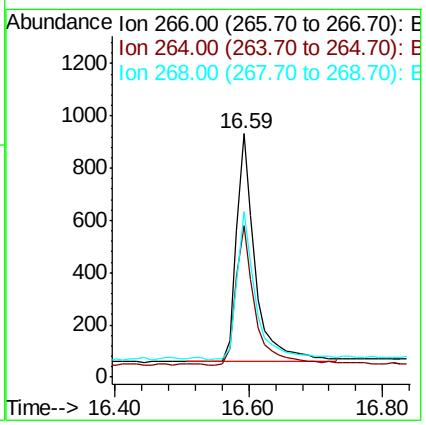


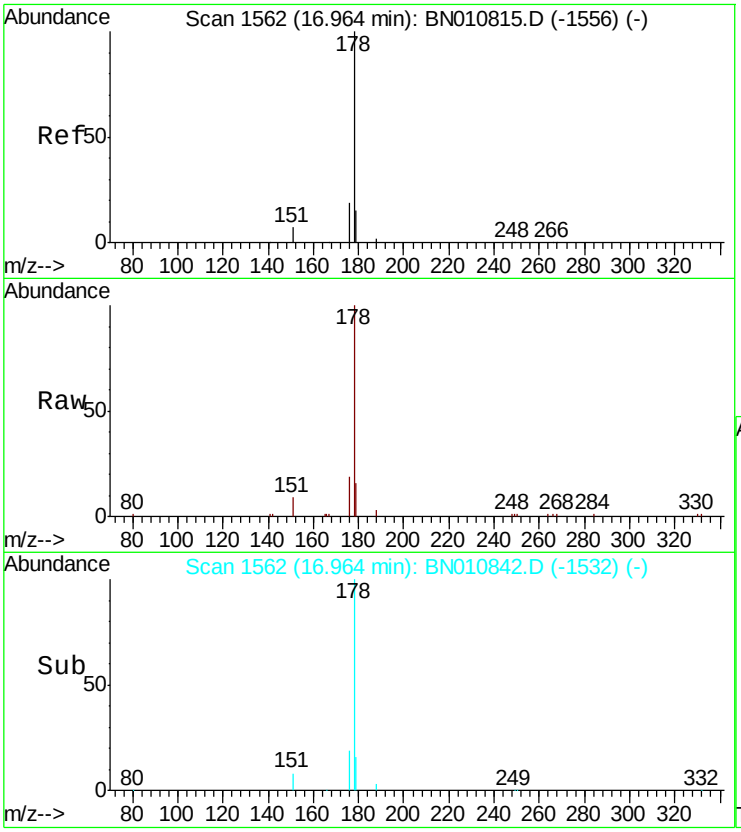


#22
Pentachlorophenol
Concen: 0.798 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:266 Resp: 1739

Ion	Ratio	Lower	Upper
266	100		
264	62.2	54.8	82.2
268	67.8	55.9	83.9



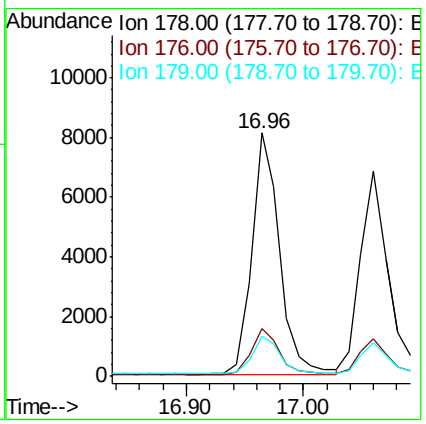


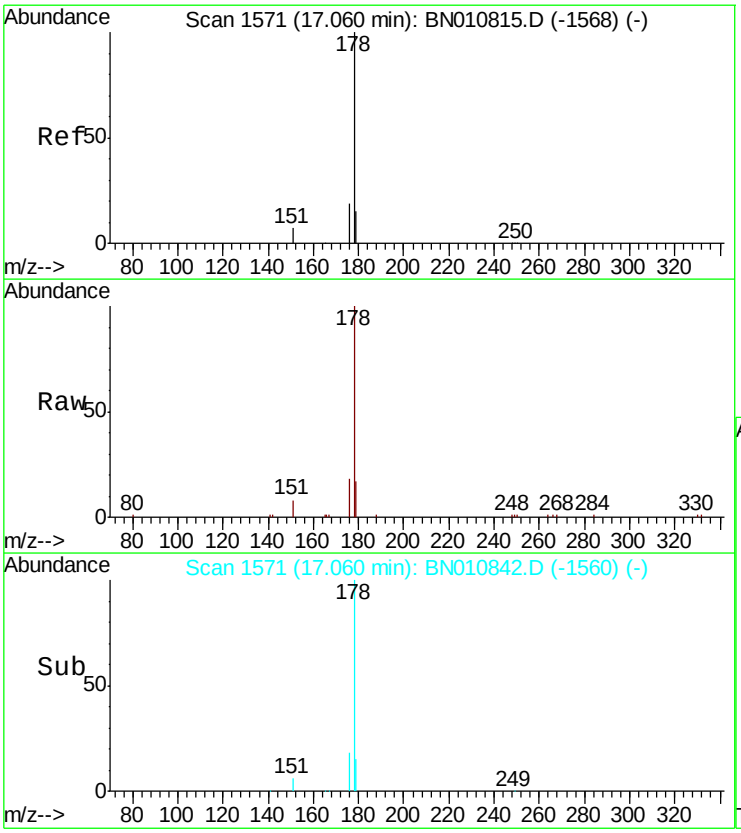
#23
Phenanthrene
Concen: 0.470 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:178 Resp: 13306

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.5	12.6	19.0

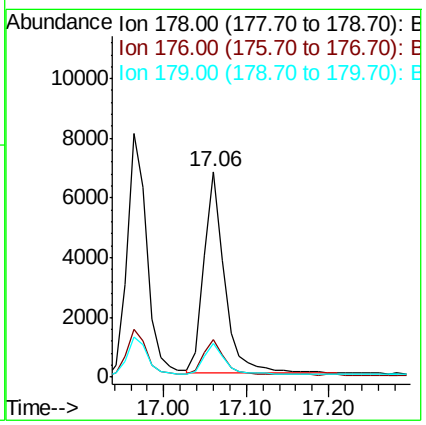


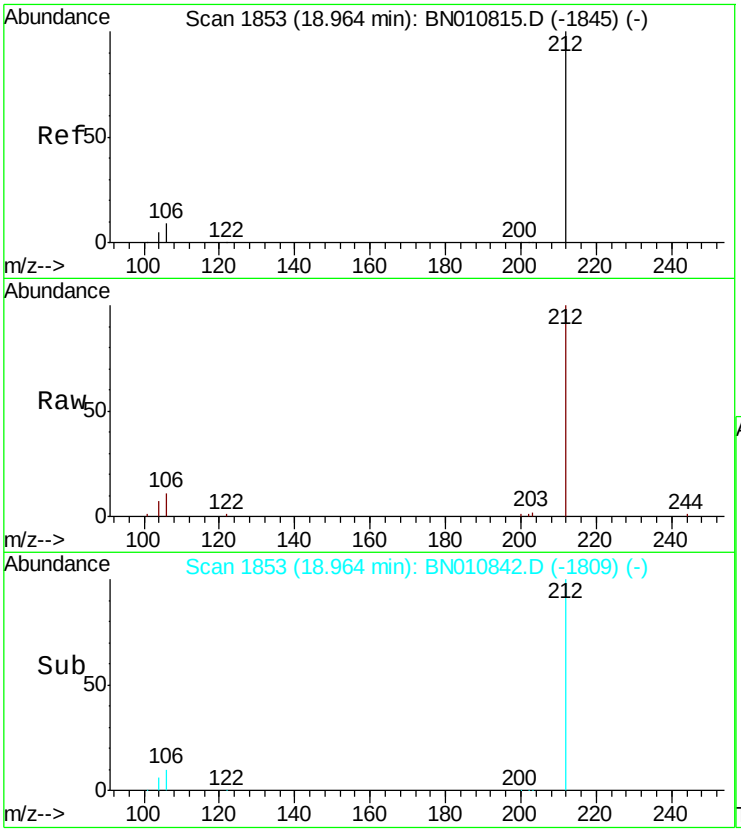


#24
Anthracene
Concen: 0.486 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:178 Resp: 11486

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.3	18.5



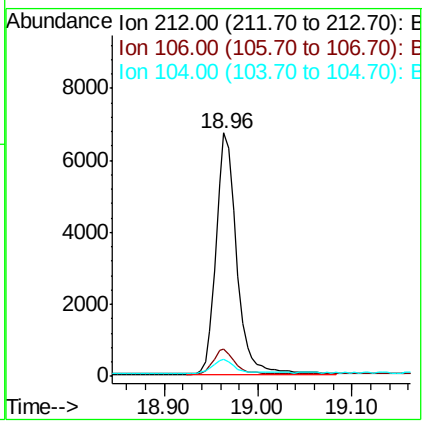


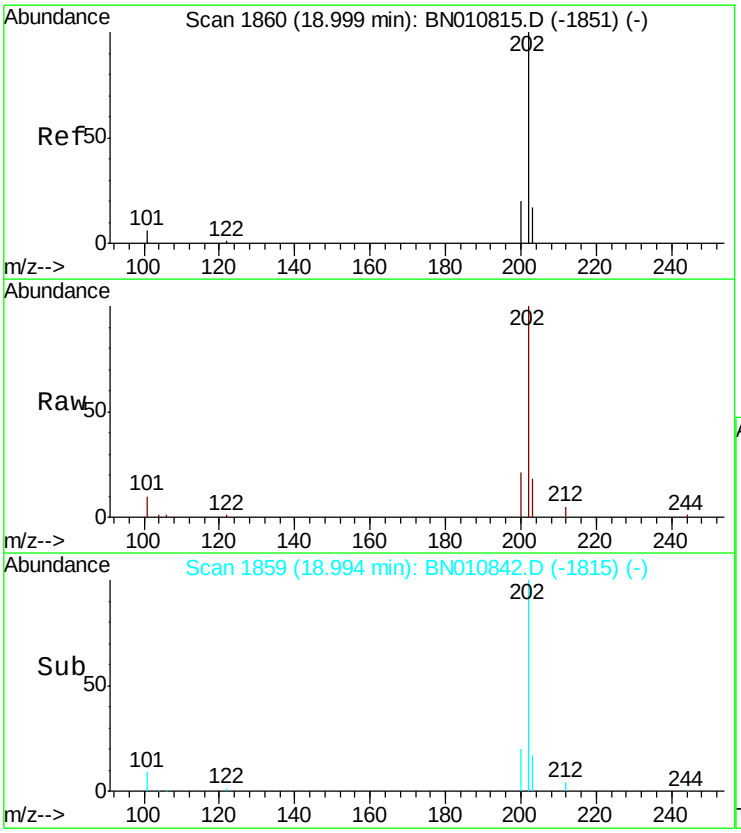
#25
Fluoranthene-d10
Concen: 0.357 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:212 Resp: 10213

Ion	Ratio	Lower	Upper
212	100		
106	10.3	6.6	10.0#
104	6.2	4.0	6.0#

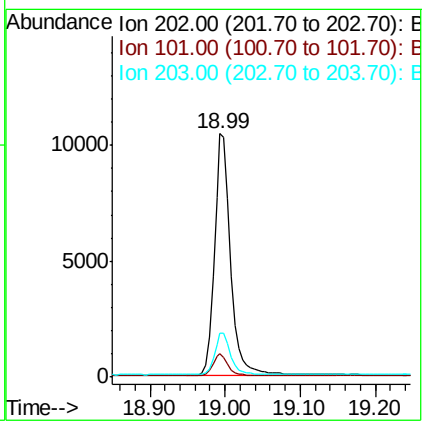


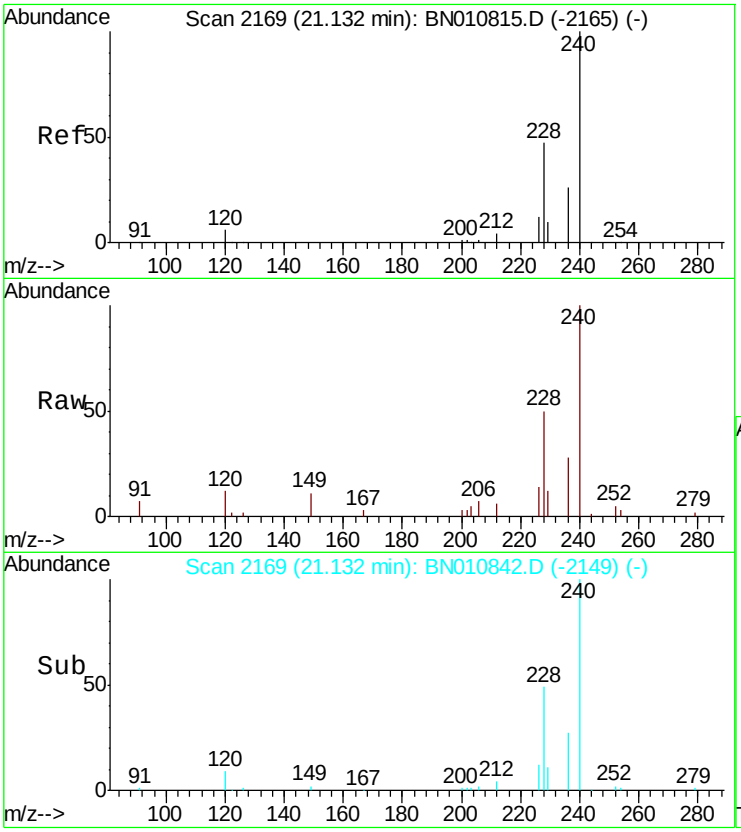


#26
Fluoranthene
Concen: 0.493 ng
RT: 18.99 min Scan# 1859
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:202 Resp: 15844

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.8	8.6#
203	17.6	13.7	20.5



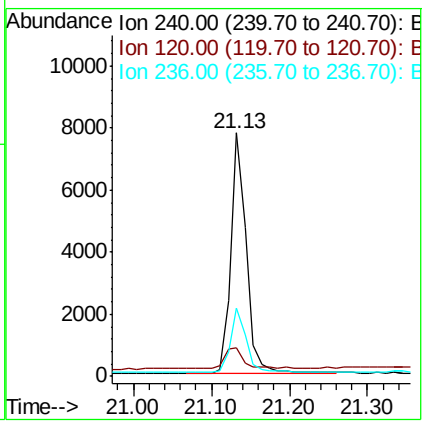


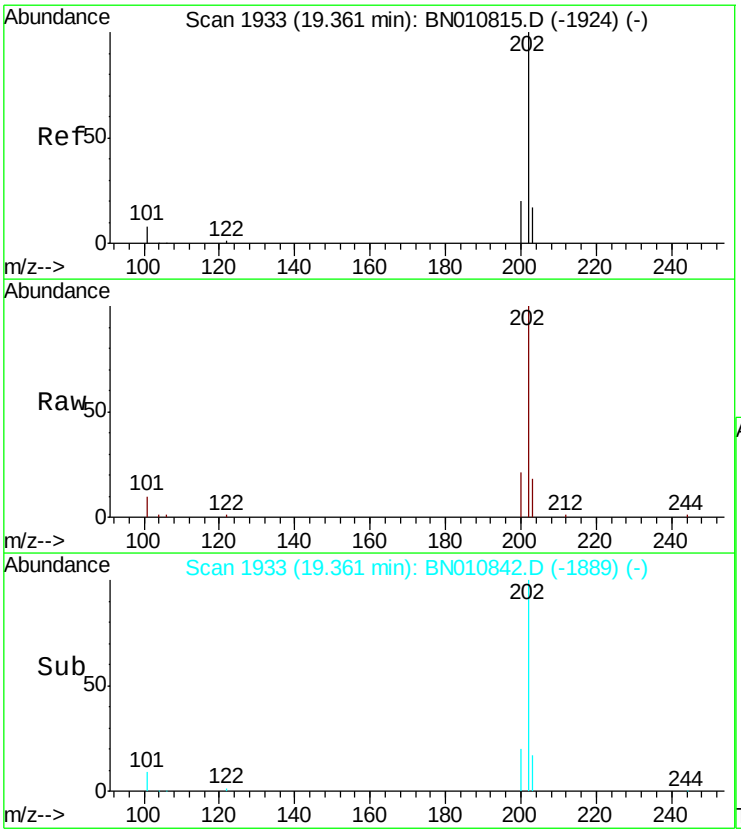
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.01 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:240 Resp: 10672

Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.5	11.3#
236	28.2	22.3	33.5

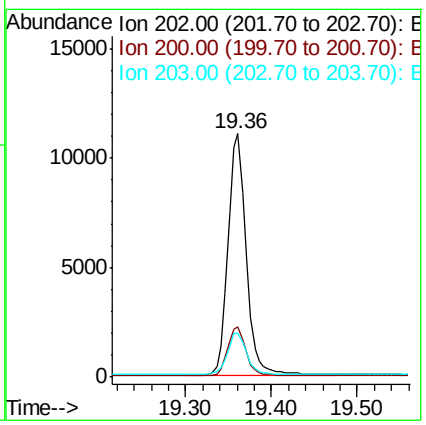


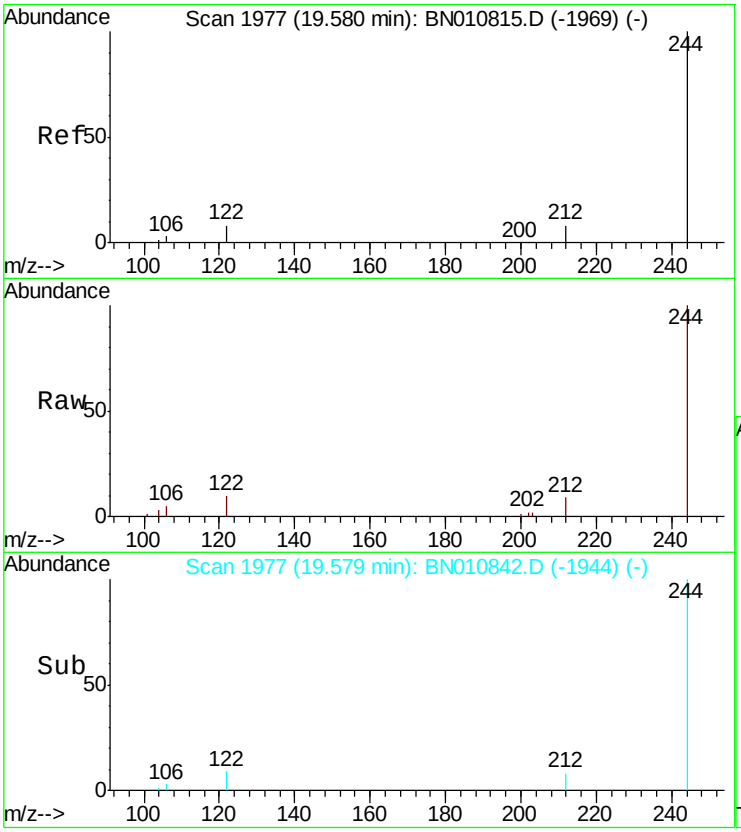


#28
Pyrene
Concen: 0.461 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:202 Resp: 16263

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	18.1	14.2	21.4



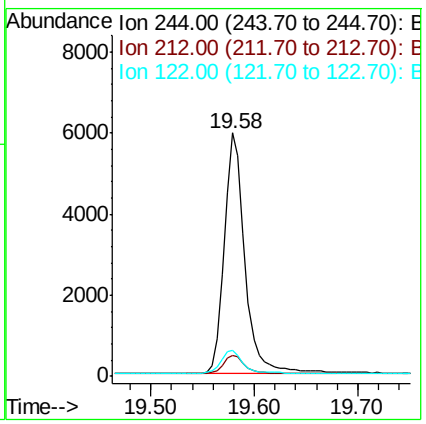


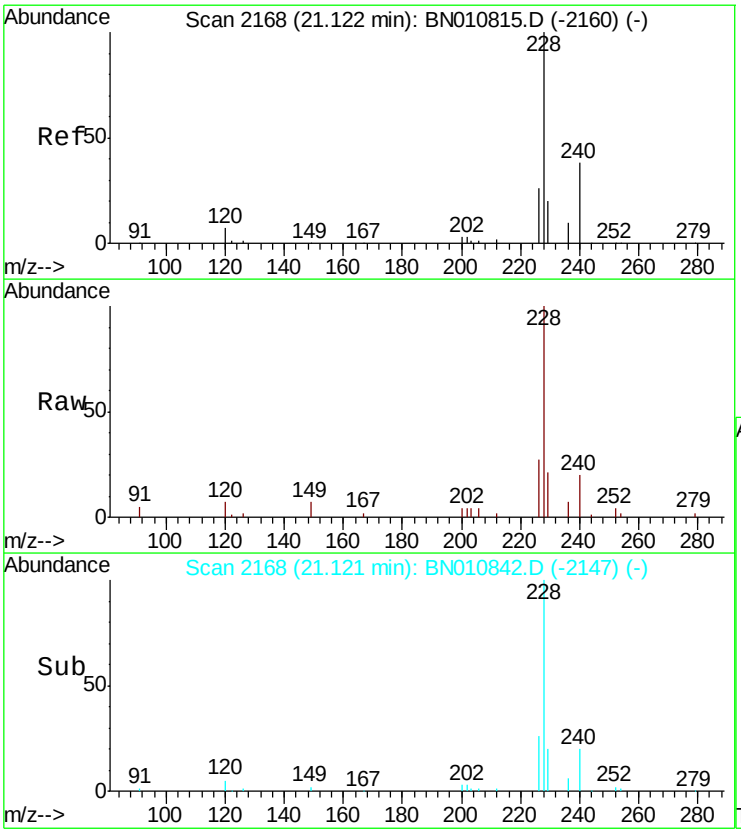
#29
Terphenyl-d14
Concen: 0.328 ng
RT: 19.58 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument : BNA_N
ClientSampleId : PB129499BS

Tgt Ion:244 Resp: 8200

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.2
122	10.5	7.5	11.3

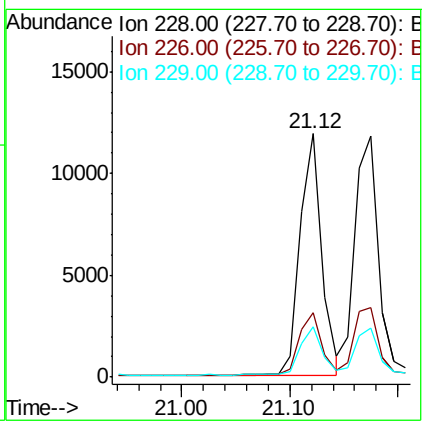


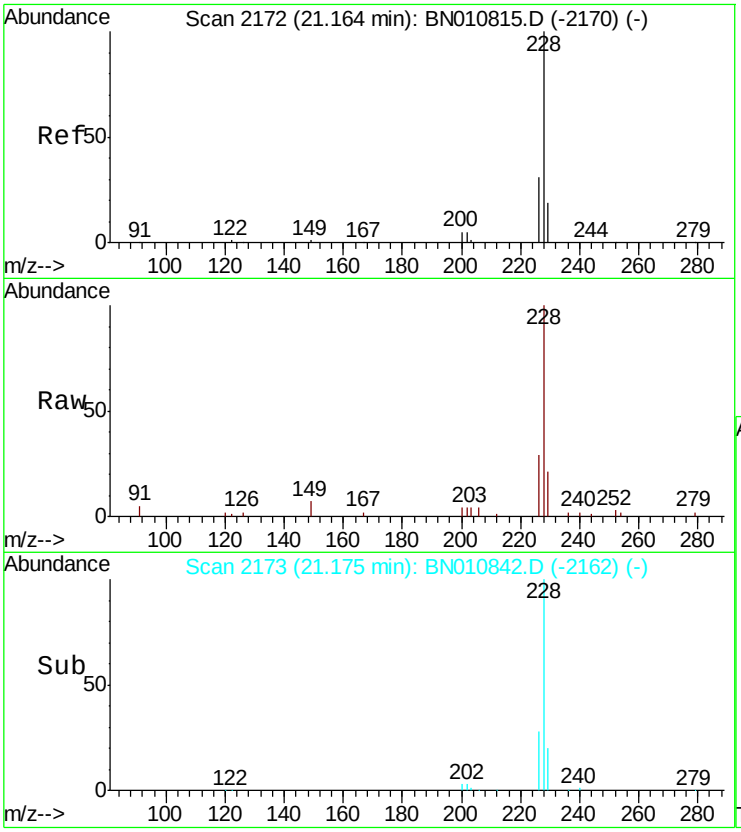


#30
Benzo(a)anthracene
Concen: 0.524 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:228 Resp: 16430

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	20.6	16.6	24.8



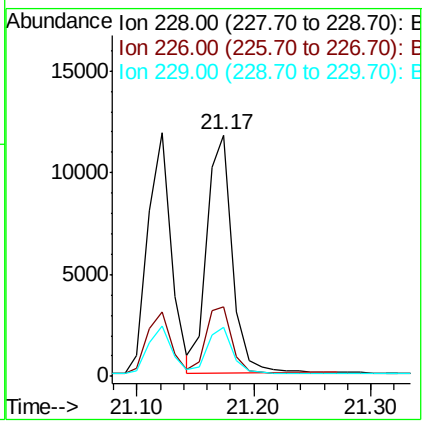


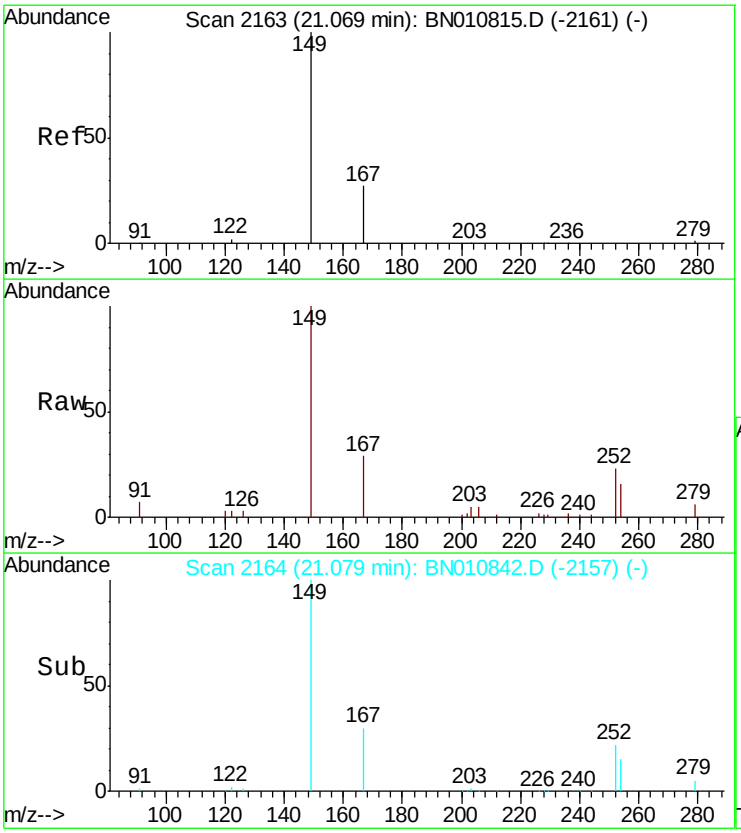
#31
Chrysene
Concen: 0.483 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:228 Resp: 17650

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	20.5	16.1	24.1

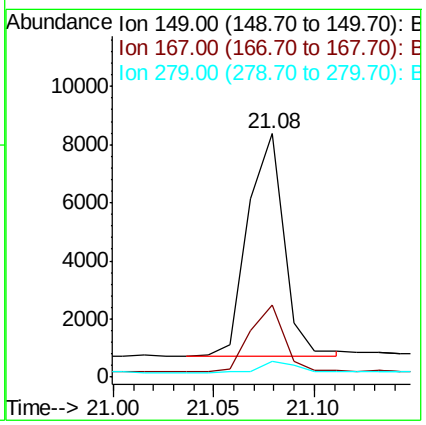


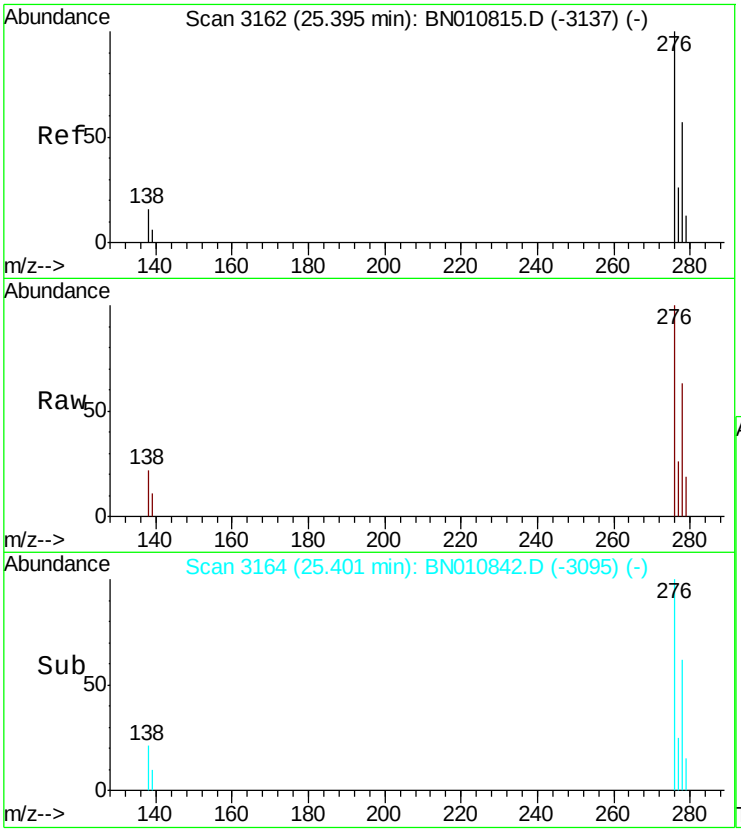


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.906 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:149 Resp: 9475

Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.1	36.1
279	5.2	4.6	7.0



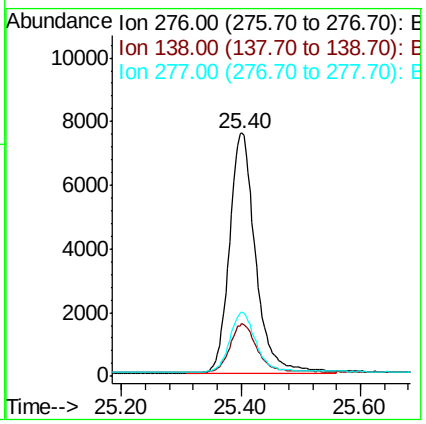


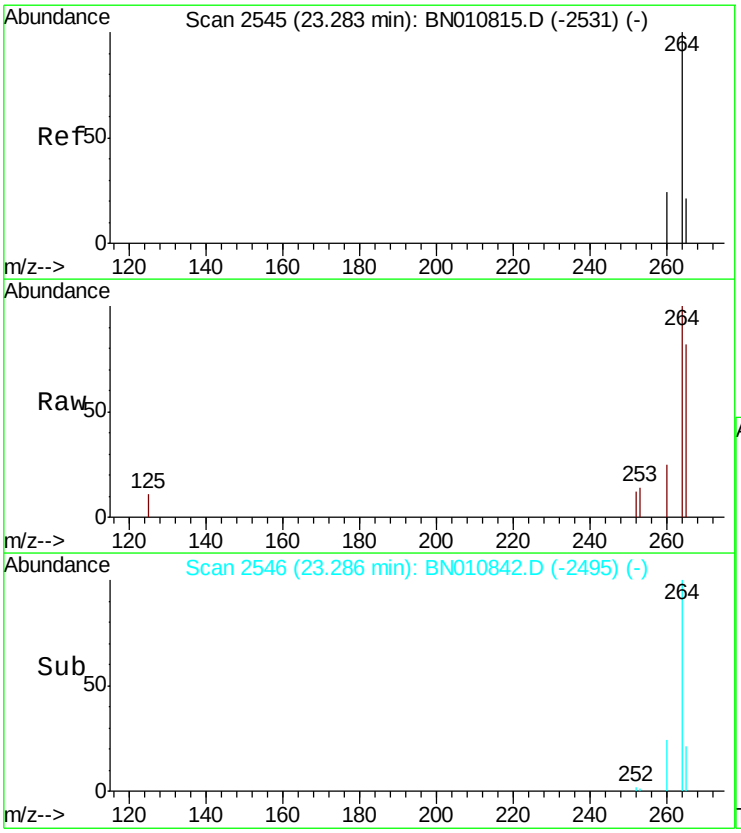
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.562 ng
RT: 25.40 min Scan# 3164
Delta R.T. 0.04 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:276 Resp: 22953

Ion	Ratio	Lower	Upper
276	100		
138	20.4	13.0	19.6#
277	25.2	19.7	29.5

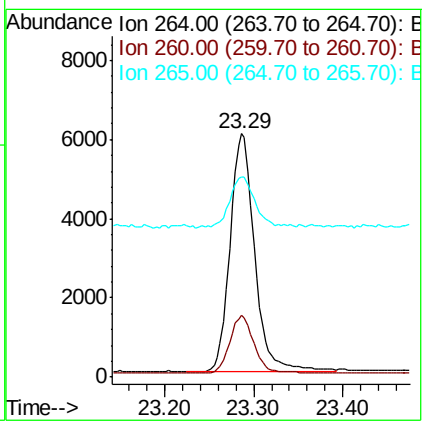


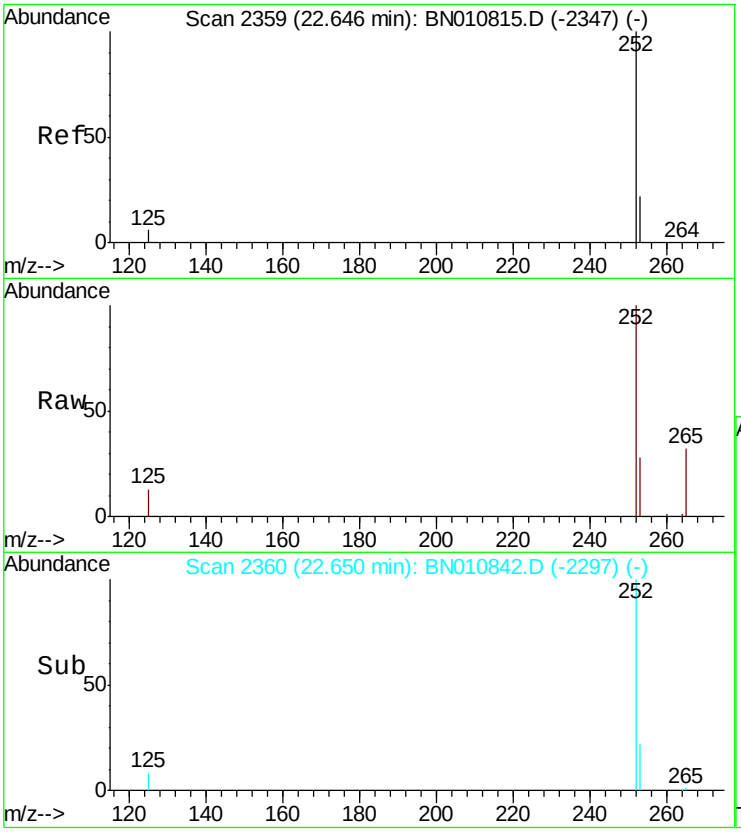


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:264 Resp: 11585

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.4	30.6
265	82.1	75.0	112.4



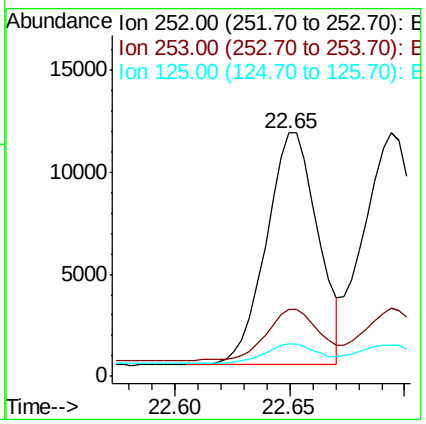


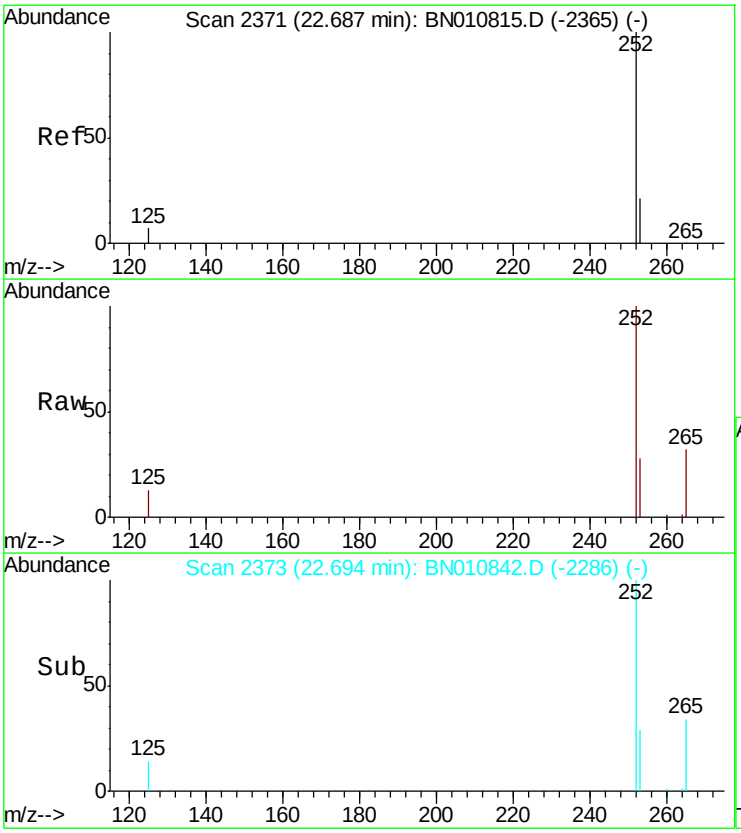
#35
Benzo(b)fluoranthene
Concen: 0.452 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:252 Resp: 17813

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.4	33.6
125	13.3	9.4	14.0

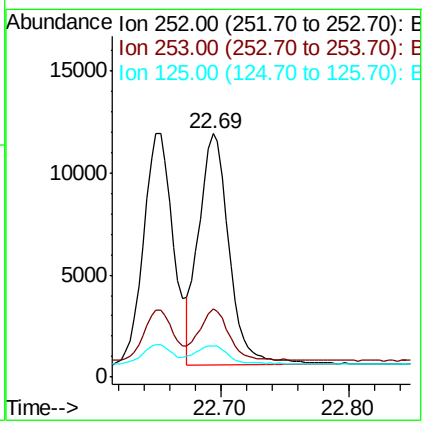


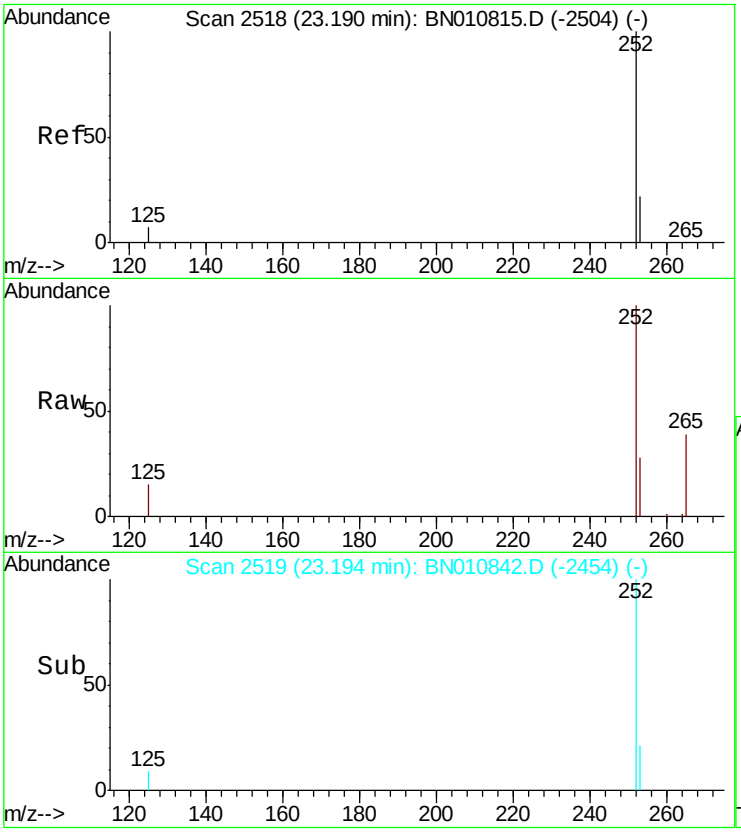


#36
Benzo(k)fluoranthene
Concen: 0.442 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:252 Resp: 18543

Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.2	33.4
125	13.0	9.8	14.8



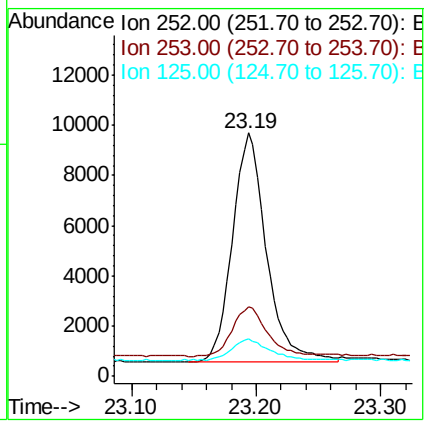


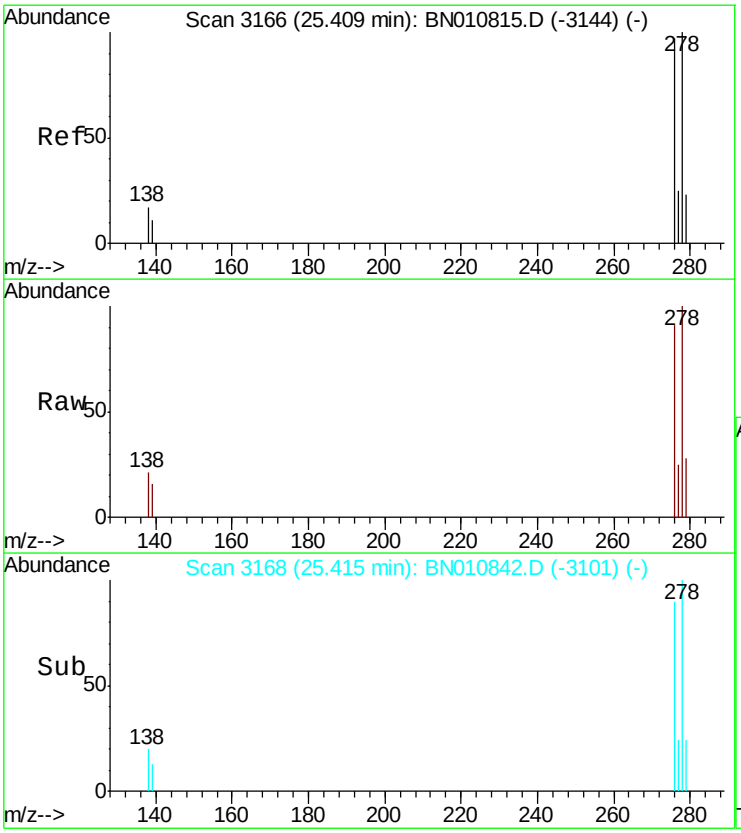
#37
Benzo(a)pyrene
Concen: 0.511 ng
RT: 23.19 min Scan# 2519
Delta R.T. 0.02 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:252 Resp: 17273

Ion	Ratio	Lower	Upper
252	100		
253	28.3	25.8	38.8
125	15.2	12.4	18.6

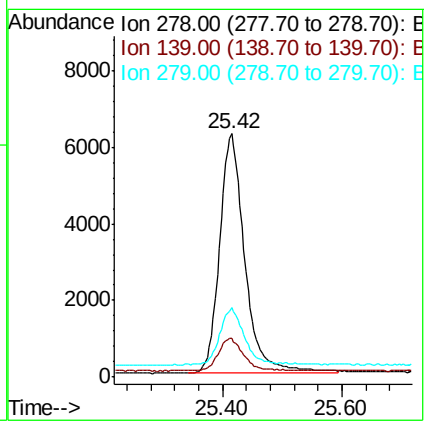


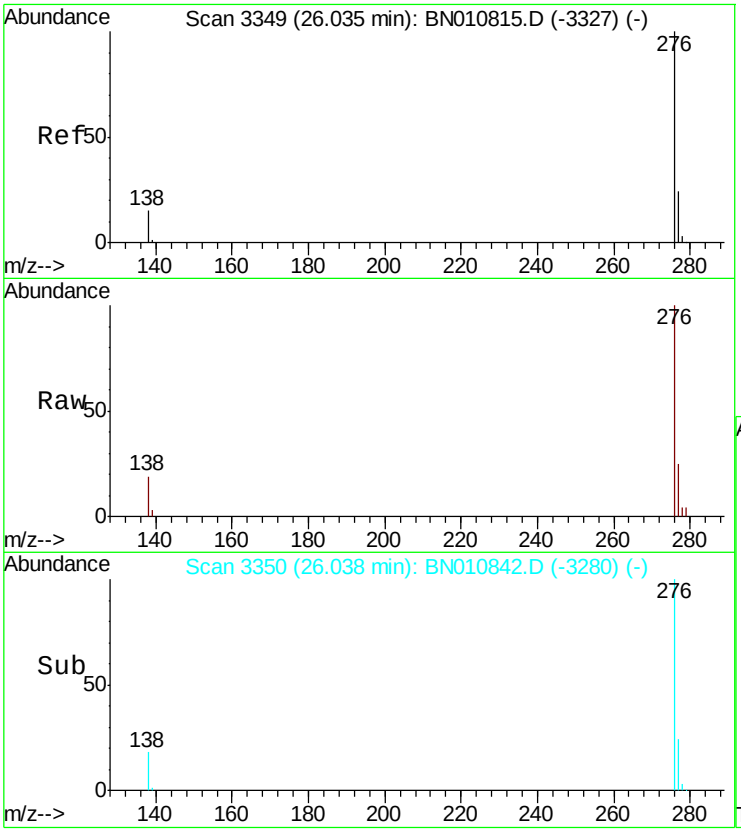


#38
Dibenzo(a,h)anthracene
Concen: 0.475 ng
RT: 25.42 min Scan# 3168
Delta R.T. 0.03 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Tgt Ion:278 Resp: 18320

Ion	Ratio	Lower	Upper
278	100		
139	15.7	10.6	15.8
279	28.4	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.561 ng
RT: 26.04 min Scan# 3350
Delta R.T. 0.04 min
Lab File: BN010842.D
Acq: 12 Jun 2020 11:24

Instrument :
BNA_N
ClientSampleId :
PB129499BS

Tgt Ion:276 Resp: 22574

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.5	30.7
138	19.4	13.7	20.5