Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010830.D
Acq On : 10 Jun 2020 22:51
Operator : CG/JU
Sample : L2904-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jun 11 00:46:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3053	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	11072	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	7349	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	13565	0.40	ng		-0.01
27) Chrysene-d12	21.13	240	13479	0.40	ng		0.00
34) Perylene-d12	23.29	264	14737	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1091	0.19	ng		0.00
5) Phenol-d6	6.75	99	796	0.11	ng		0.00
8) Nitrobenzene-d5	8.69	82	3457	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.90	152	6325	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	1184	0.45	ng		-0.01
15) 2-Fluorobiphenyl	12.80	172	9765	0.34	ng		0.00
25) Fluoranthene-d10	18.96	212	16255	0.43	ng		0.00
29) Terphenyl-d14	19.58	244	13604	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	321	0.107	ng	#	27
3) n-Nitrosodimethylamine	3.53	42	270	0.155	ng	#	100
6) bis(2-Chloroethyl)ether	6.99	93	3233	0.478	ng		96
9) Naphthalene	10.35	128	12807	0.460	ng		99
10) Hexachlorobutadiene	10.65	225	2607	0.379	ng	#	99
12) 2-Methylnaphthalene	11.97	142	9156	0.492	ng		97
16) Acenaphthylene	13.89	152	14422	0.479	ng	#	83
17) Acenaphthene	14.24	154	8397	0.409	ng		97
18) Fluorene	15.23	166	11535	0.436	ng		98
20) 4-Bromophenyl-phenylether	16.12	248	3435	0.421	ng	#	66
21) Hexachlorobenzene	16.24	284	3477	0.409	ng		92
22) Pentachlorophenol	16.59	266	5503	1.928	ng		95
23) Phenanthrene	16.96	178	19594	0.529	ng		96
24) Anthracene	17.06	178	26190	0.847	ng		97
26) Fluoranthene	18.99	202	21340	0.507	ng	#	97
28) Pyrene	19.36	202	25969	0.582	ng		97
30) Benzo(a)anthracene	21.12	228	19911	0.503	ng	#	79
31) Chrysene	21.17	228	19800	0.429	ng	#	82
32) Bis(2-ethylhexyl)phthalate	21.08	149	10489	0.794	ng		100
33) Indeno(1,2,3-cd)pyrene	25.40	276	20137	0.390	ng	#	95
35) Benzo(b)fluoranthene	22.65	252	19129	0.382	ng	#	77
36) Benzo(k)fluoranthene	22.69	252	19007	0.356	ng	#	76
37) Benzo(a)pyrene	23.19	252	17407	0.405	ng	#	82
38) Dibenzo(a,h)anthracene	25.41	278	16433	0.335	ng	#	84
39) Benzo(g,h,i)perylene	26.04	276	17204	0.336	ng	#	89

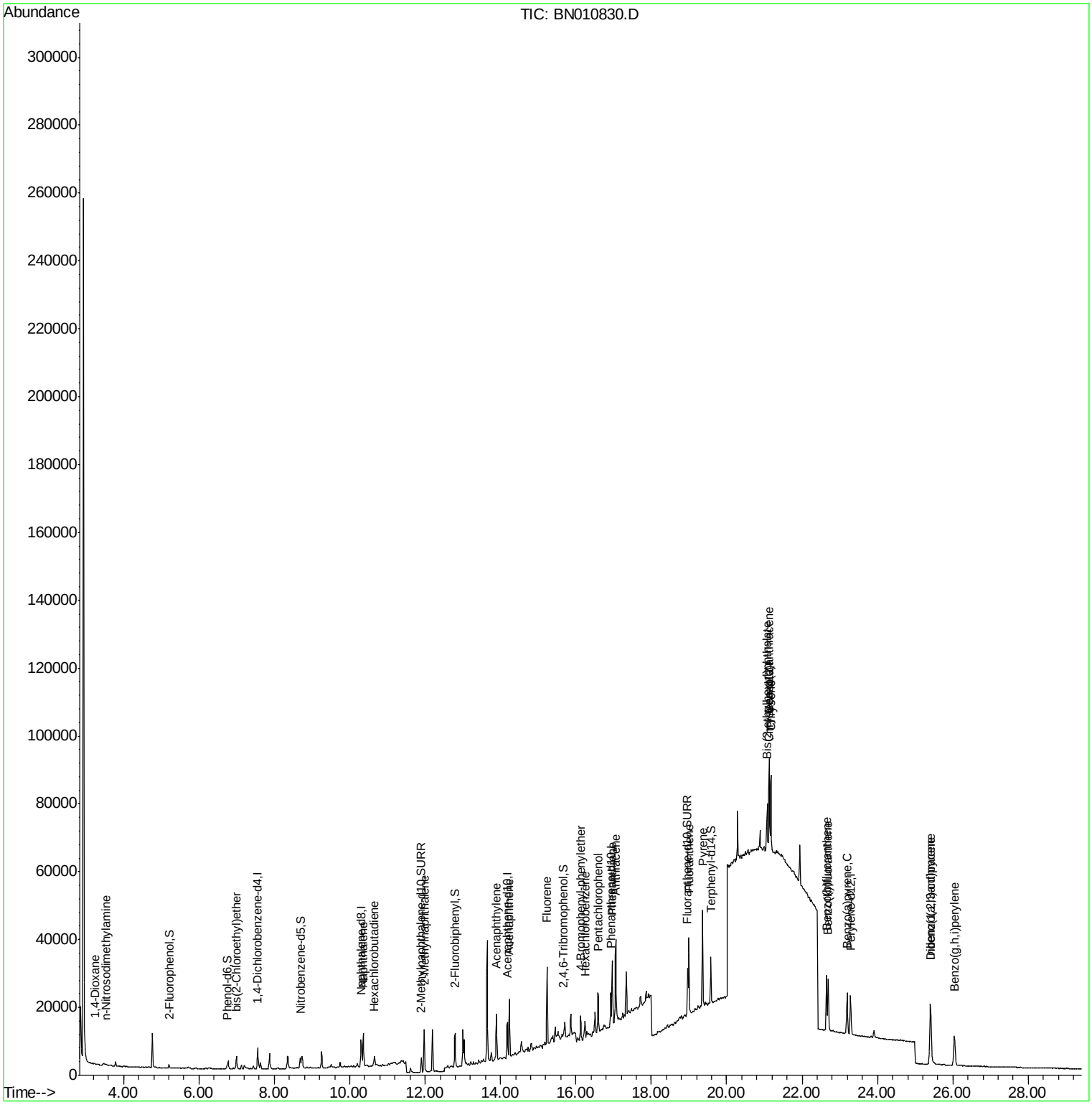
(#) = qualifier out of range (m) = manual integration (+) = signals summed

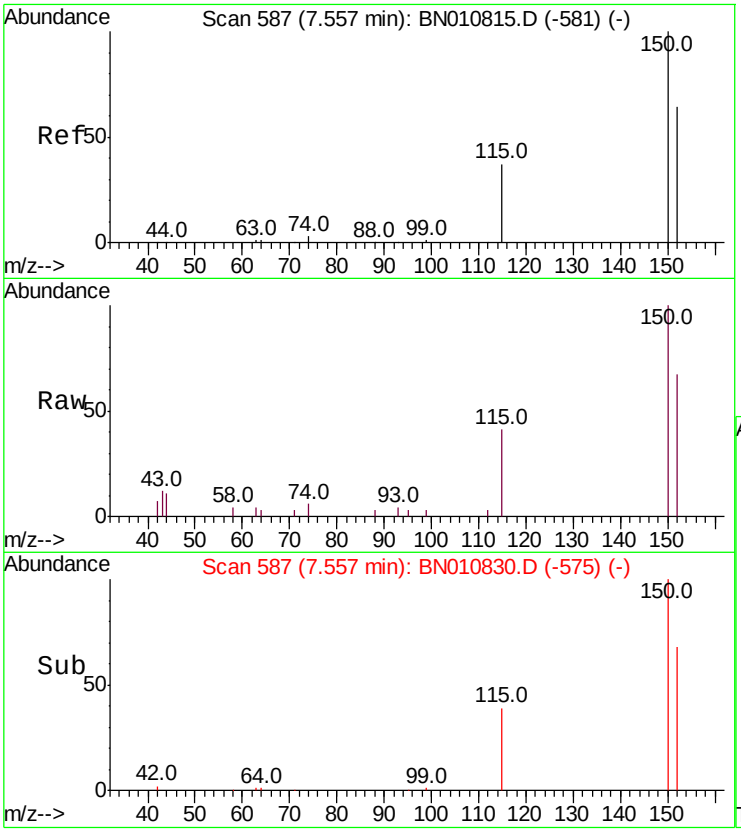
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010830.D
Acq On : 10 Jun 2020 22:51
Operator : CG/JU
Sample : L2904-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 11 00:46:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration



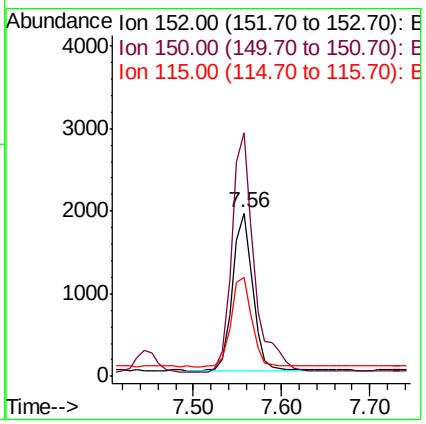


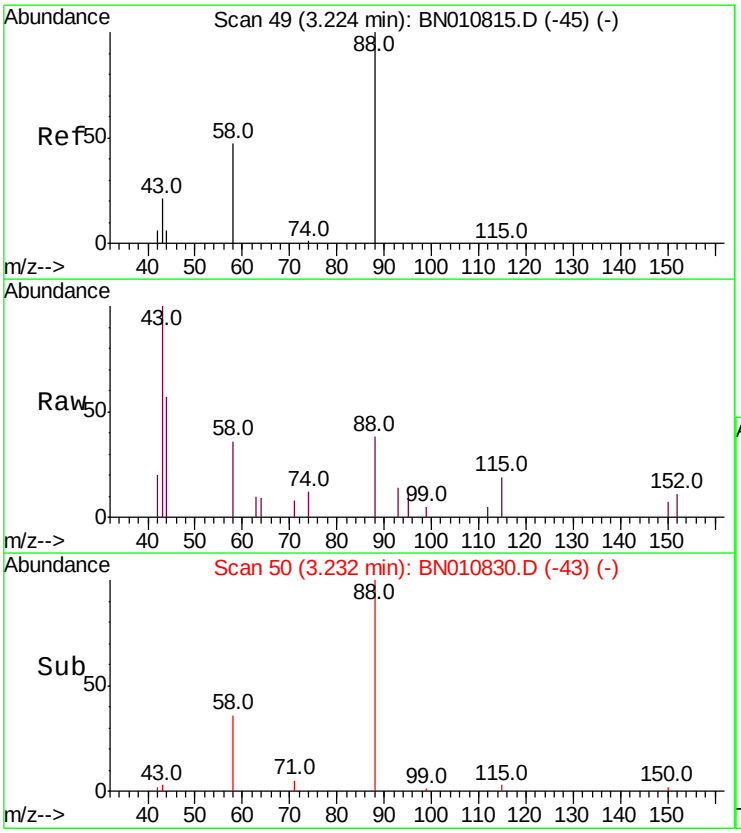
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3053

Ion	Ratio	Lower	Upper
152	100		
150	149.0	123.8	185.6
115	60.8	49.2	73.8

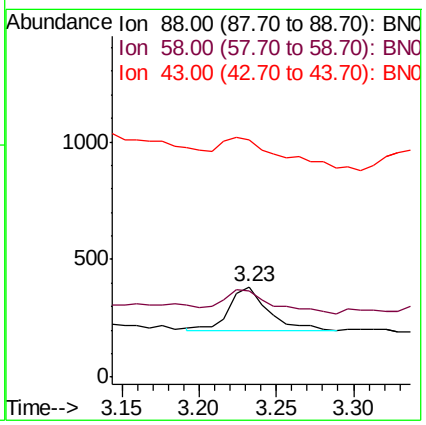


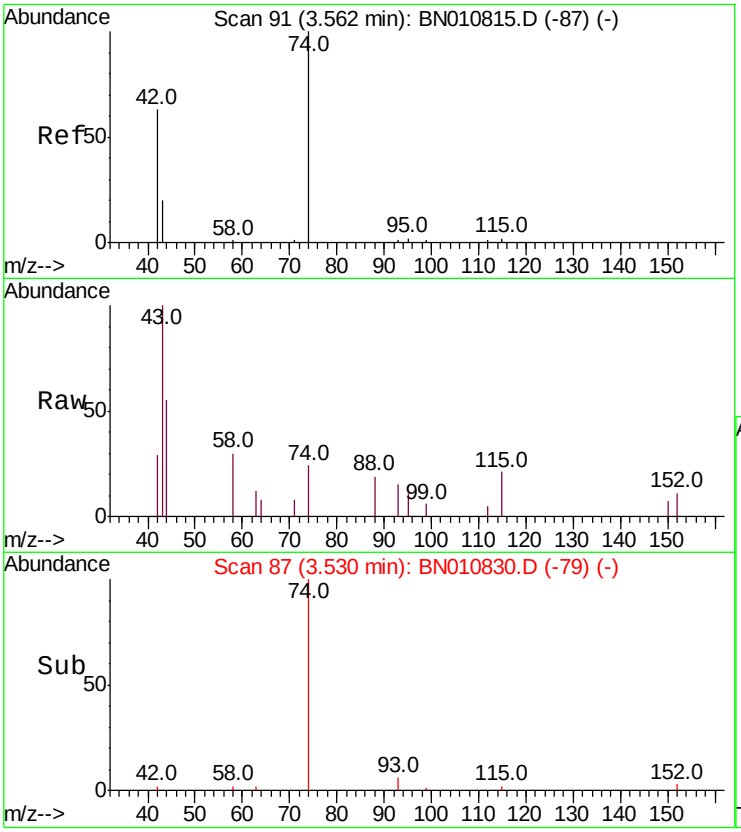


#2
1,4-Dioxane
Concen: 0.107 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion: 88 Resp: 321

Ion	Ratio	Lower	Upper
88	100		
58	68.2	38.2	57.4#
43	100.0	15.1	22.7#



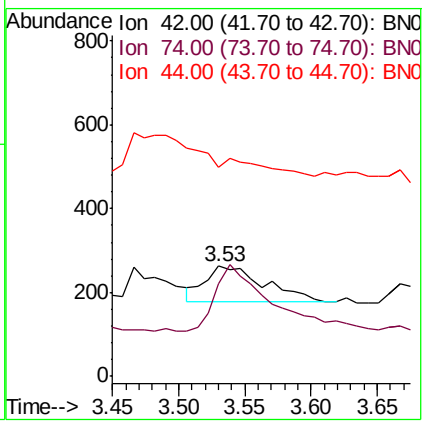


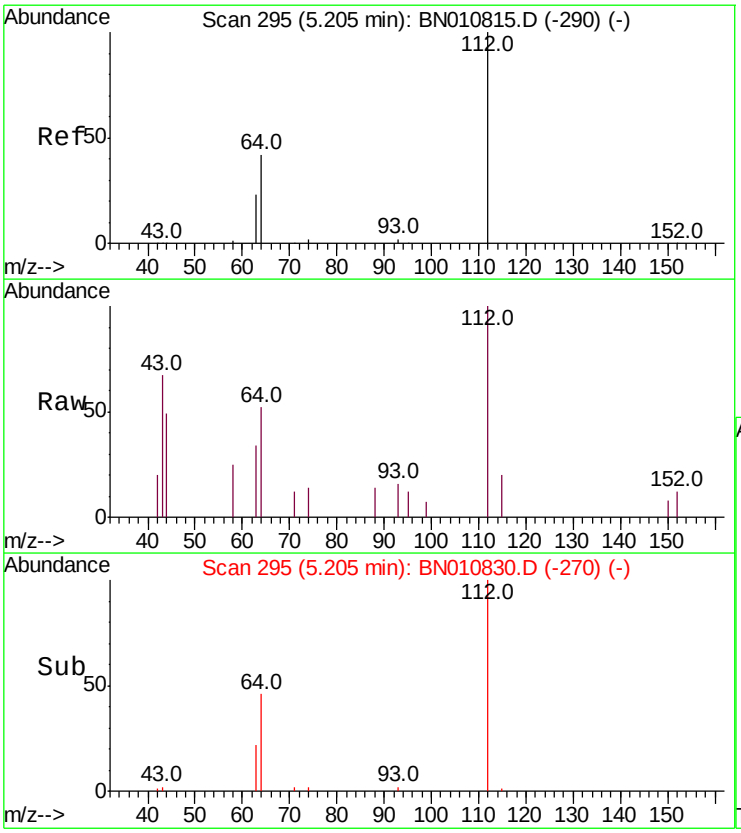
#3
n-Nitrosodimethylamine
Concen: 0.155 ng
RT: 3.53 min Scan# 87
Delta R.T. -0.03 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 270

Ion	Ratio	Lower	Upper
42	100		
74	175.9	140.7	211.1
44	0.0	1.4	2.2#

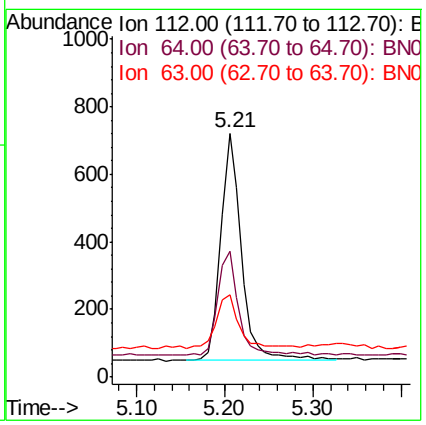


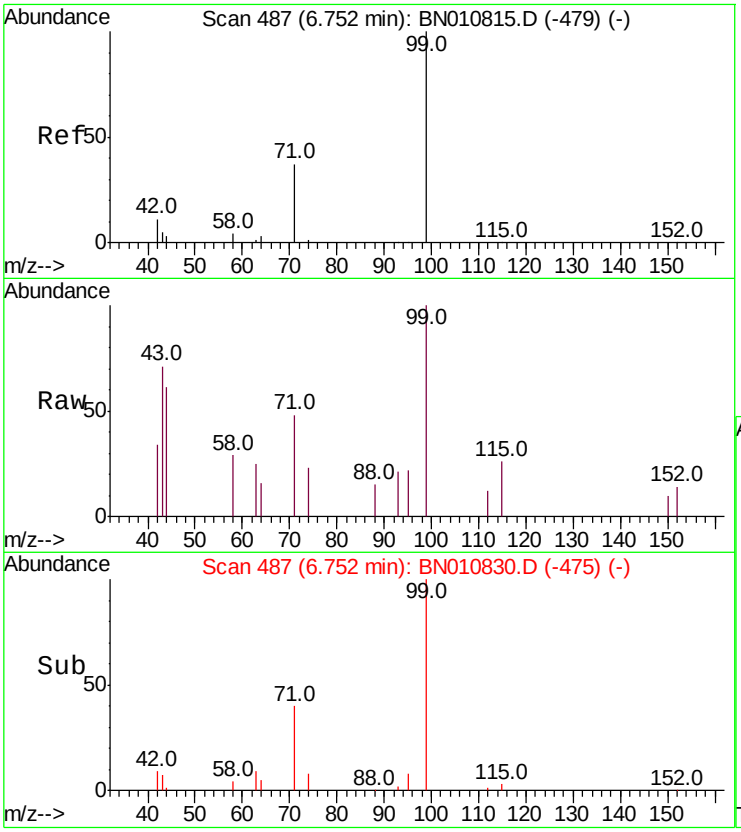


#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.21 min Scan# 295
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:112 Resp: 1091

Ion	Ratio	Lower	Upper
112	100		
64	45.6	37.4	56.0
63	25.0	22.2	33.4



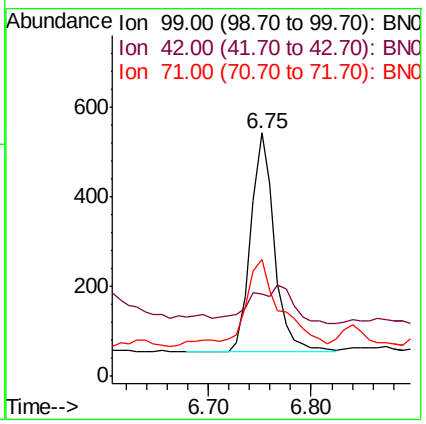


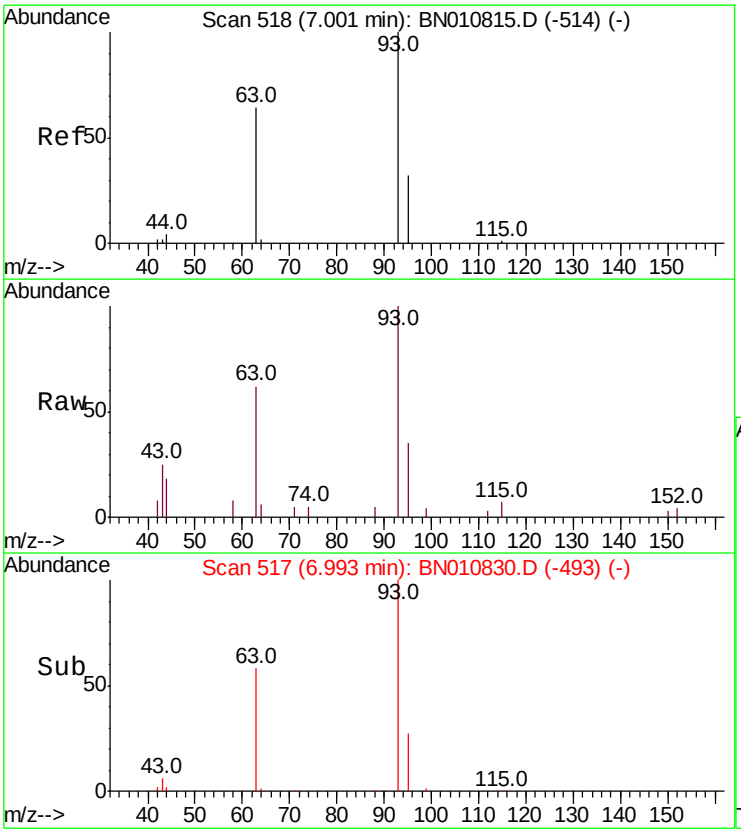
#5
Phenol-d6
Concen: 0.115 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 796

Ion	Ratio	Lower	Upper
99	100		
42	30.7	11.1	16.7#
71	56.5	31.4	47.2#

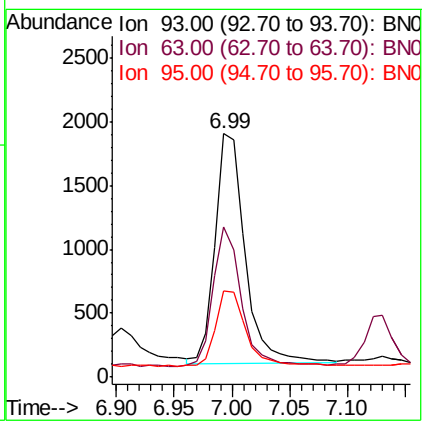


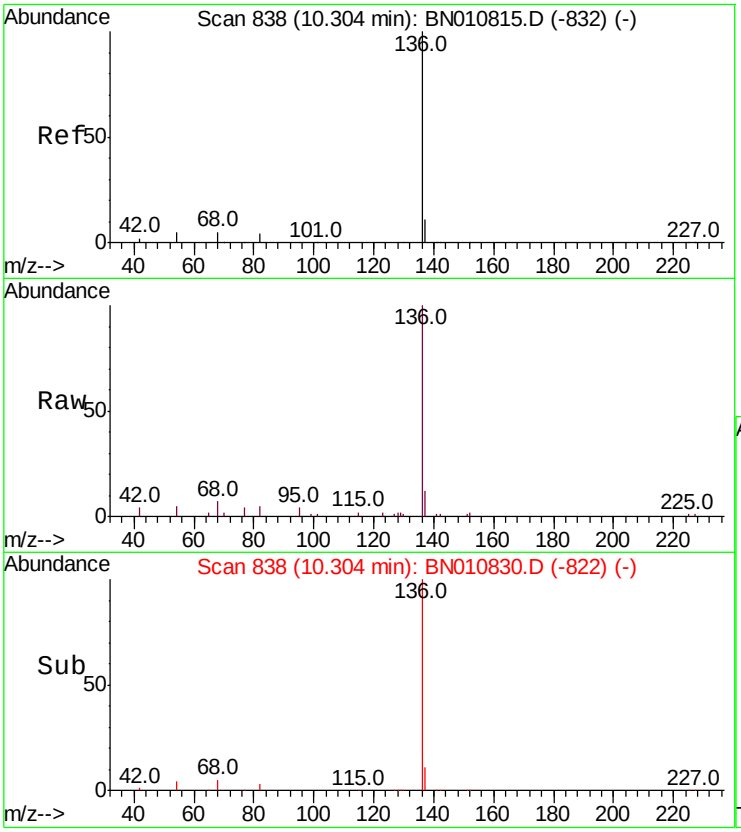


#6
bis(2-Chloroethyl)ether
Concen: 0.478 ng
RT: 6.99 min Scan# 517
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion: 93 Resp: 3233

Ion	Ratio	Lower	Upper
93	100		
63	57.5	49.4	74.2
95	34.3	26.7	40.1



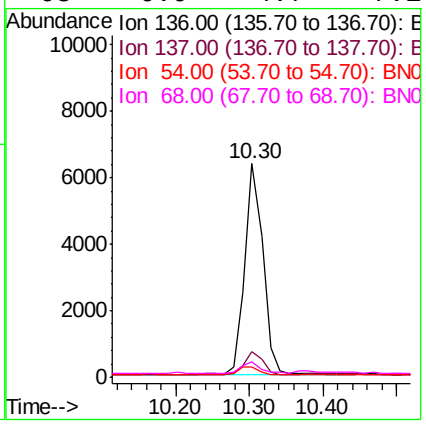


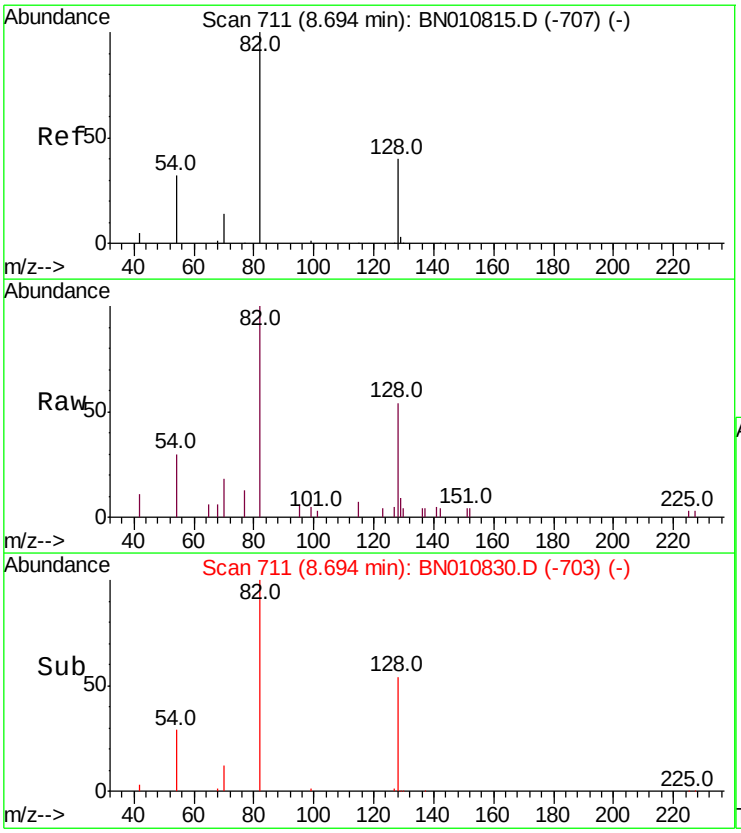
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 11072

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	5.1	4.9	7.3
68	6.9	4.7	7.1

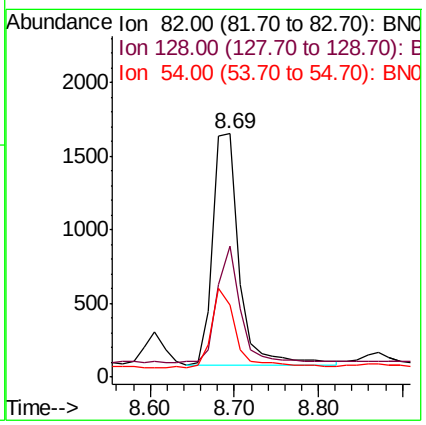


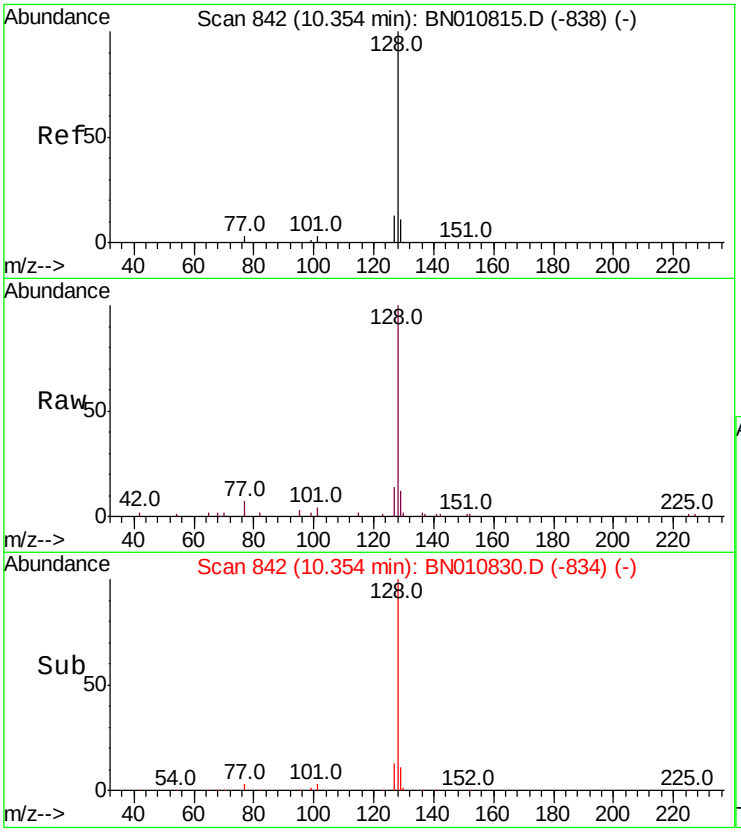


#8
Nitrobenzene-d5
Concen: 0.422 ng
RT: 8.69 min Scan# 711
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion: 82 Resp: 3457

Ion	Ratio	Lower	Upper
82	100		
128	53.6	35.4	53.0#
54	29.8	28.2	42.4

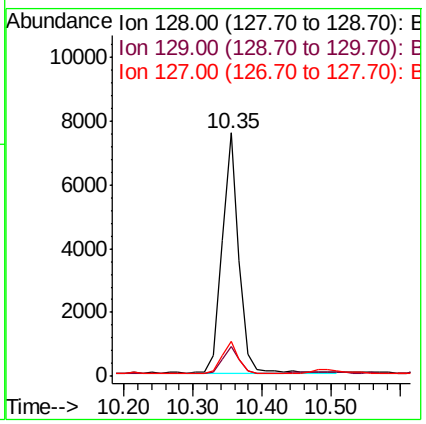




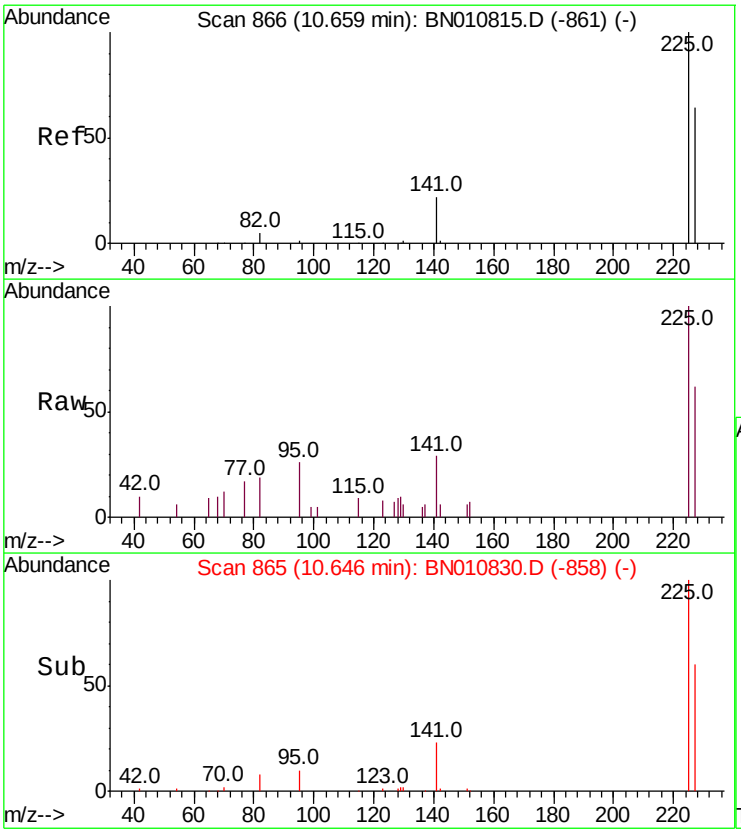
#9
Naphthalene
Concen: 0.460 ng
RT: 10.35 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:128 Resp: 12807

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	14.2	11.4	17.2



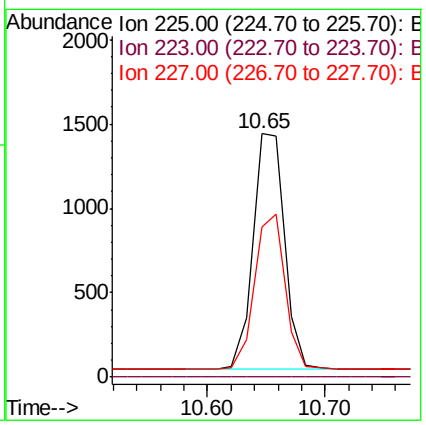
Instrument :
BNA_N
ClientSampleId :

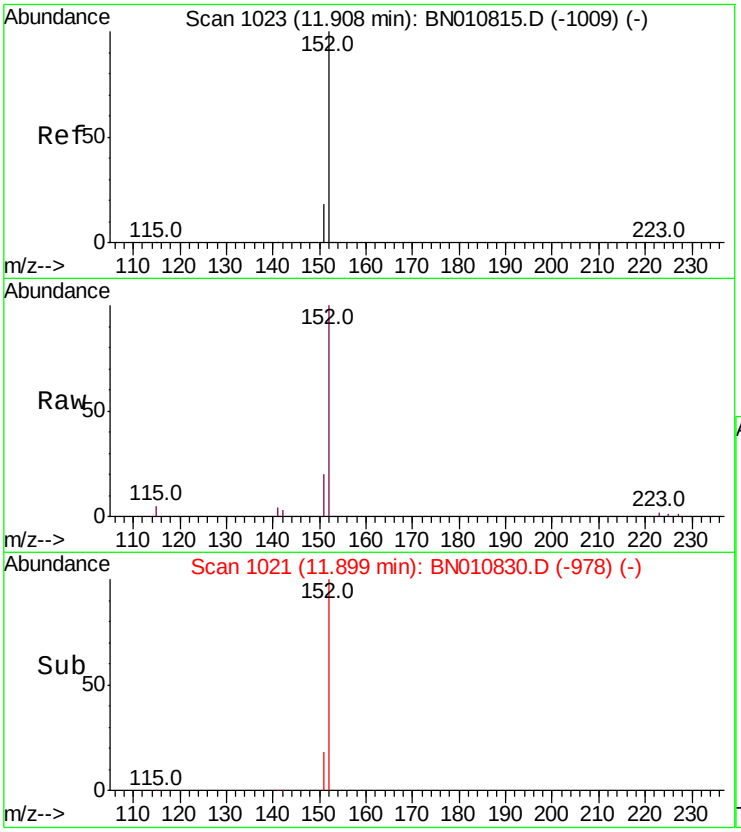


#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 10.65 min Scan# 865
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:225 Resp: 2607

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



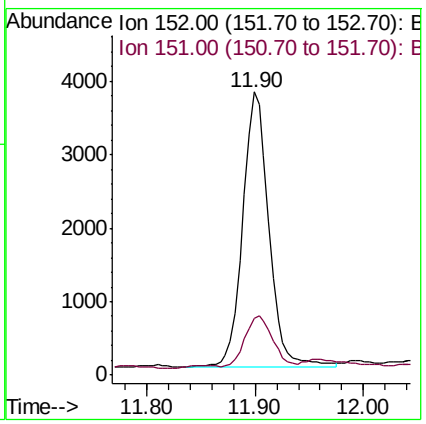


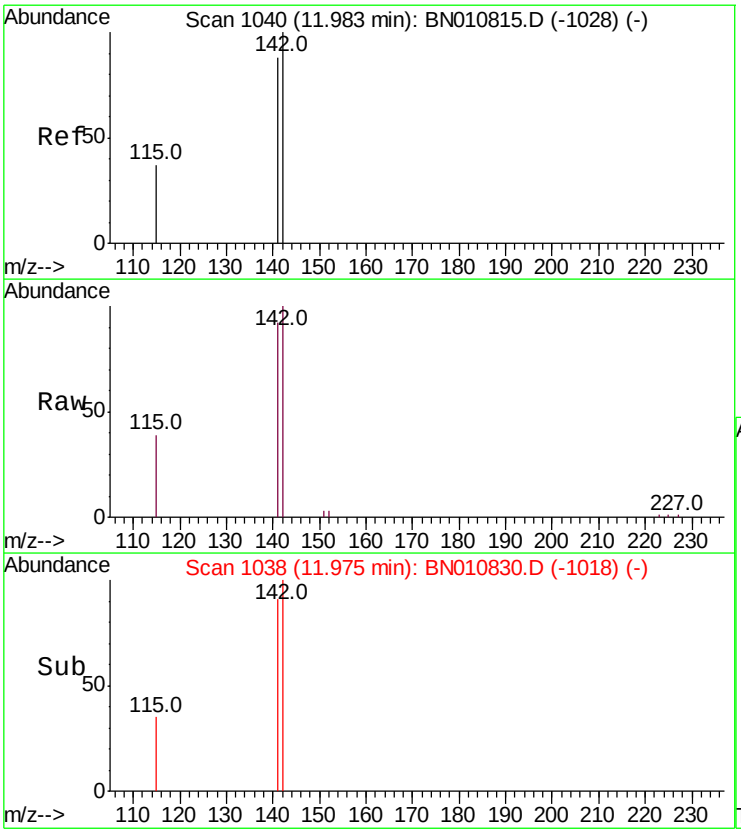
#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6325

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

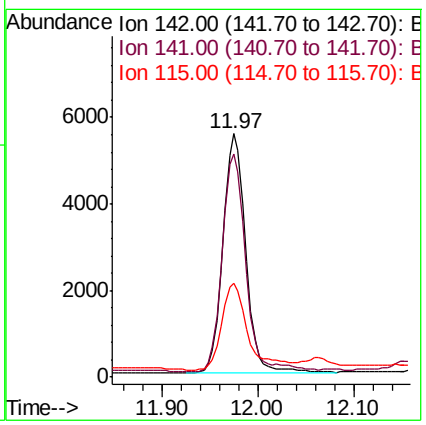


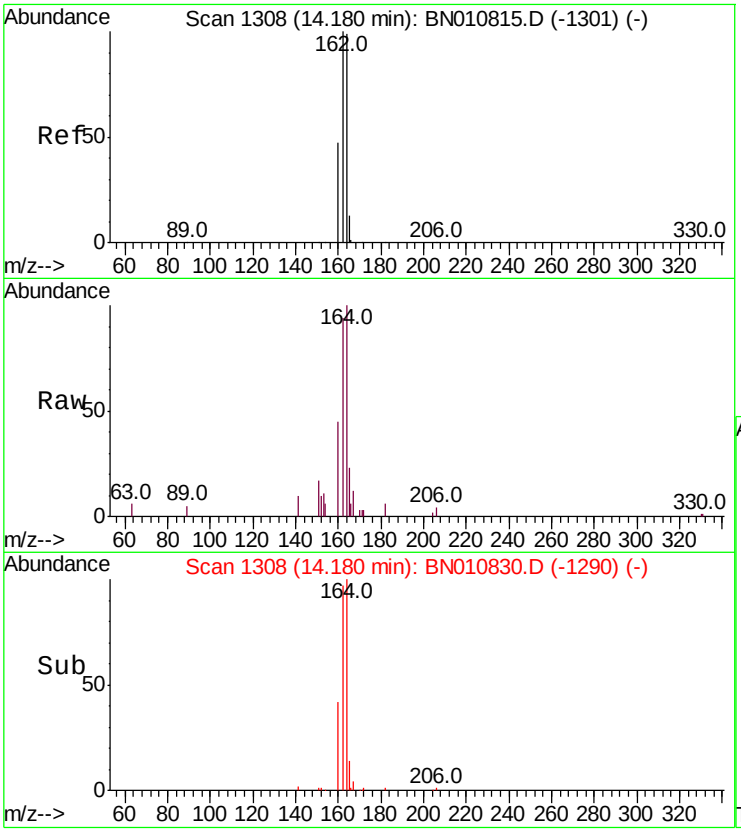


#12
2-Methylnaphthalene
Concen: 0.492 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:142 Resp: 9156

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.8	106.2
115	38.6	31.5	47.3



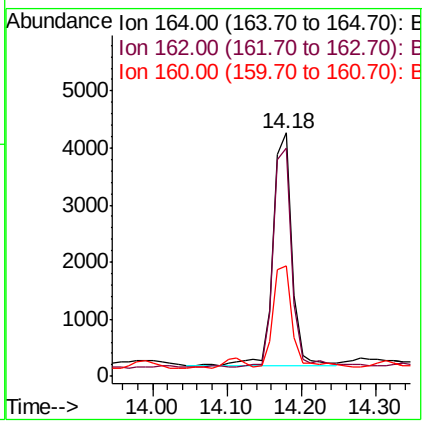


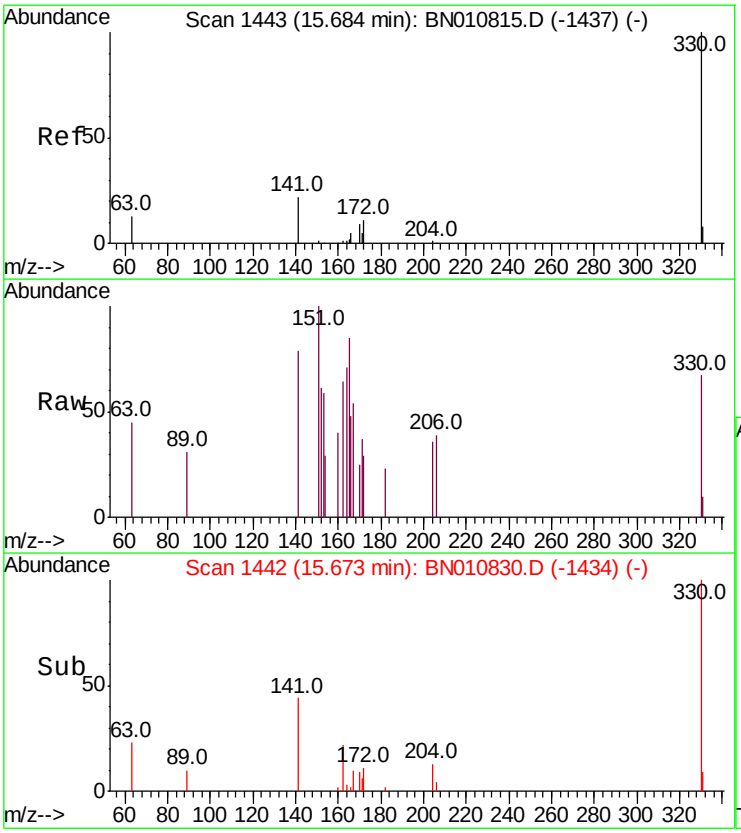
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7349

Ion	Ratio	Lower	Upper
164	100		
162	94.0	81.0	121.6
160	45.3	38.9	58.3

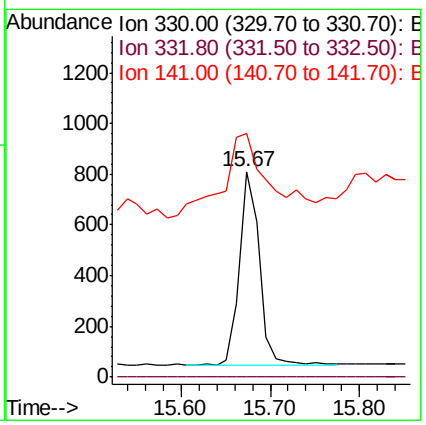


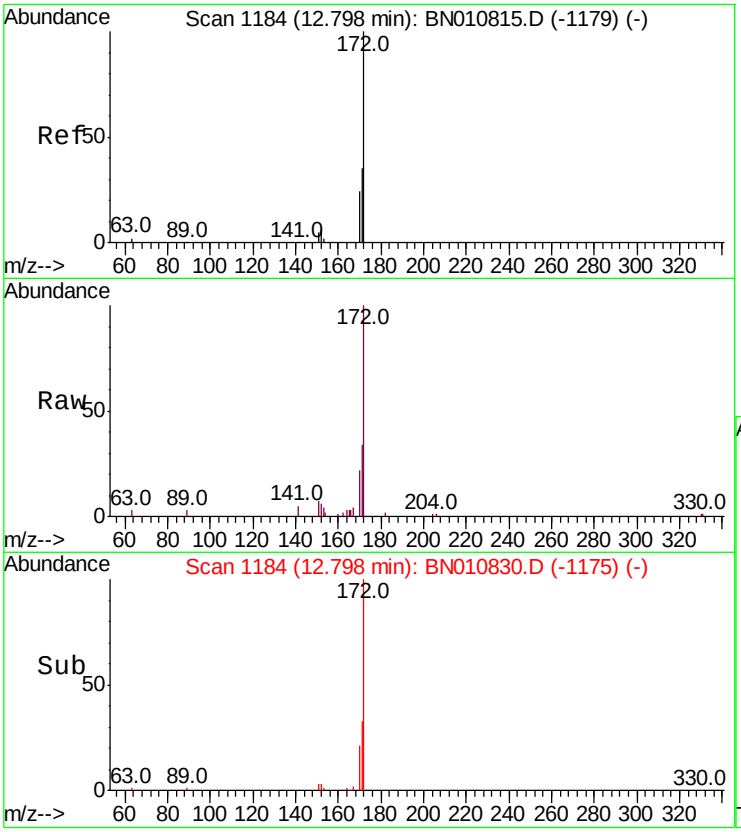


#14
2,4,6-Tribromophenol
Concen: 0.450 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:330 Resp: 1184

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	61.6	33.2	49.8#



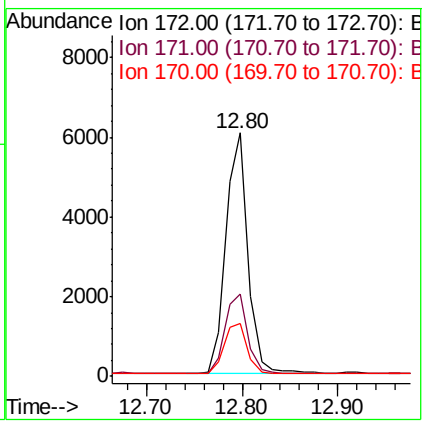


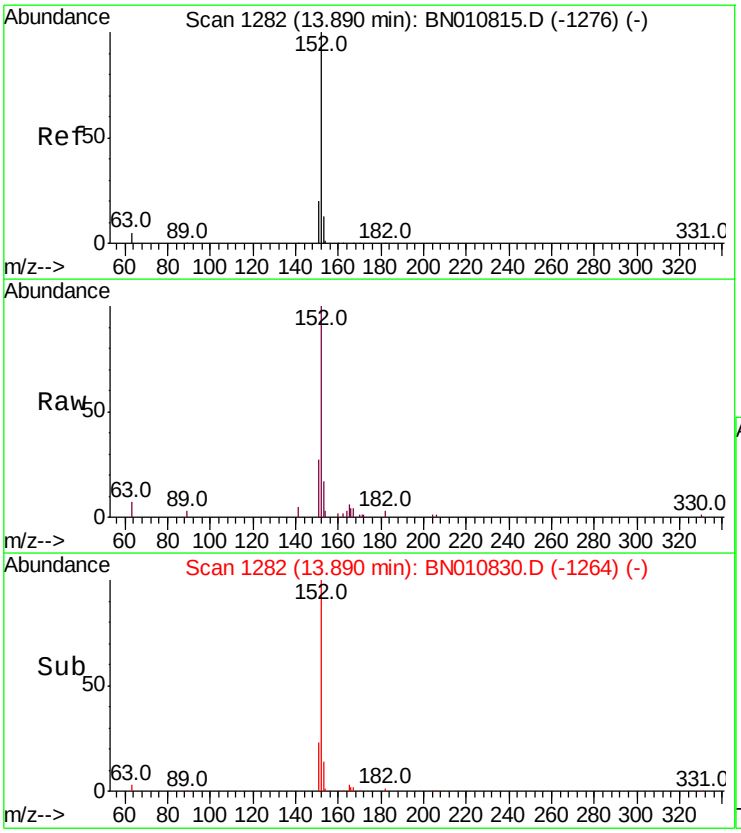
#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9765

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	21.9	19.7	29.5

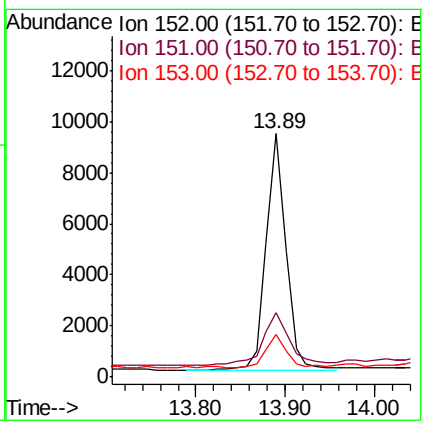


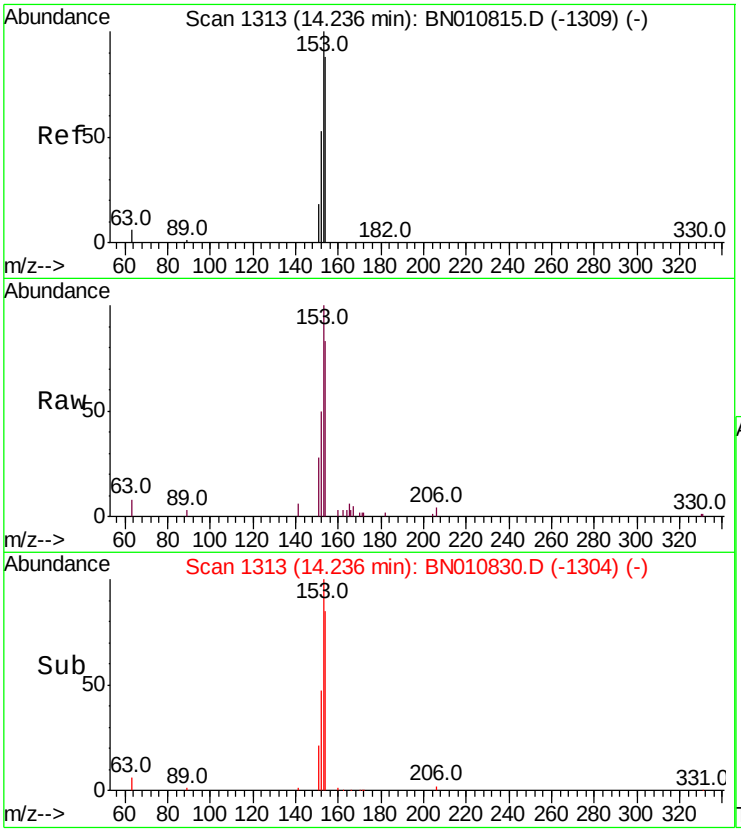


#16
Acenaphthylene
Concen: 0.479 ng
RT: 13.89 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:152 Resp: 14422

Ion	Ratio	Lower	Upper
152	100		
151	31.8	15.6	23.4#
153	14.7	10.6	16.0



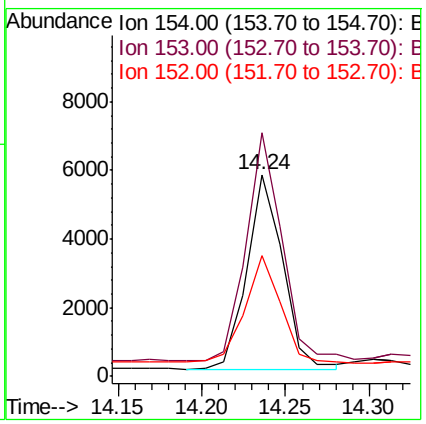


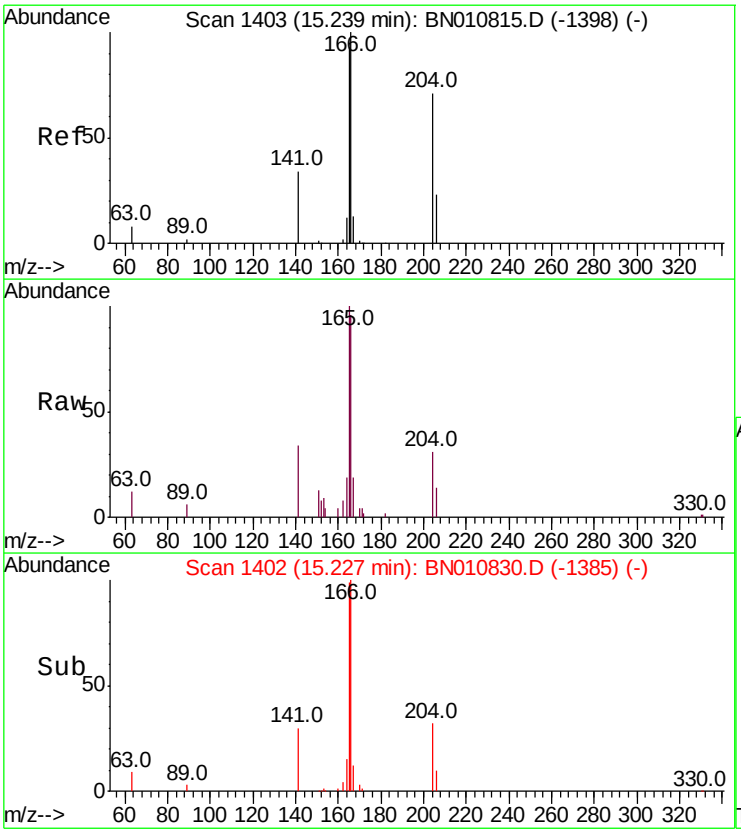
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8397

Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.8	137.6
152	55.7	47.6	71.4

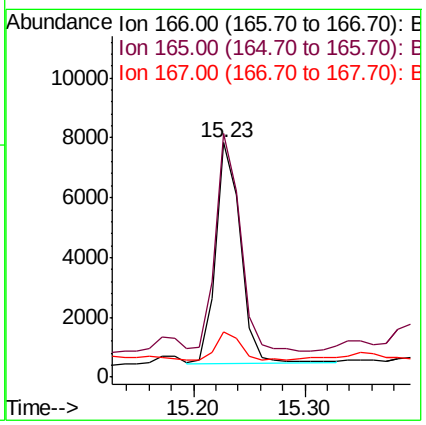


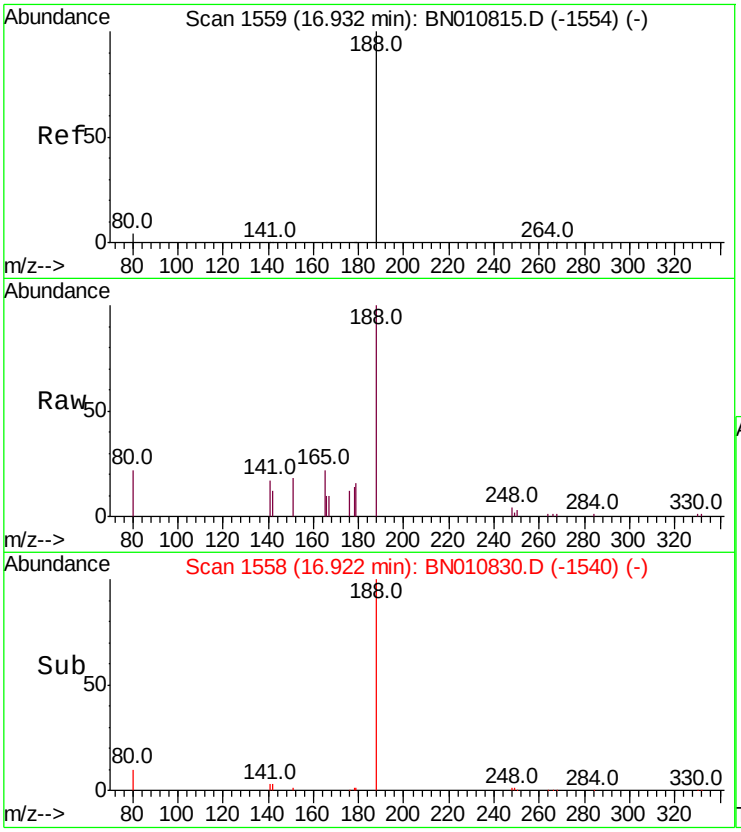


#18
Fluorene
Concen: 0.436 ng
RT: 15.23 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:166 Resp: 11535

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.2	115.8
167	13.0	10.7	16.1



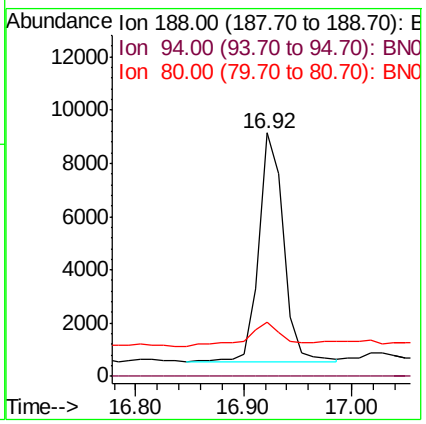


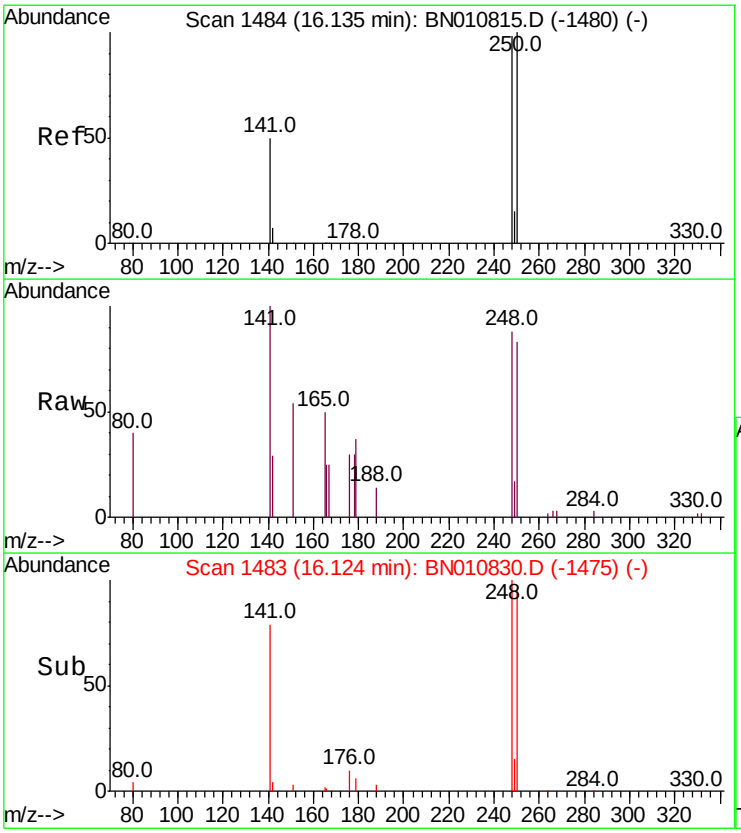
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 13565

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	22.3	4.5	6.7#

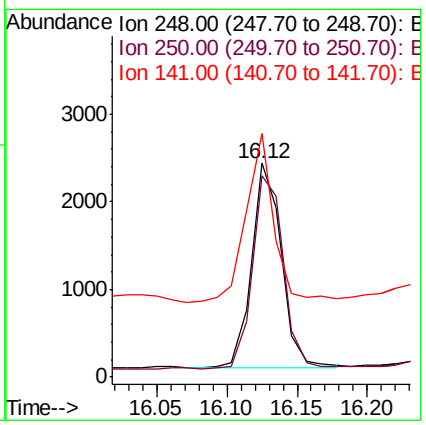


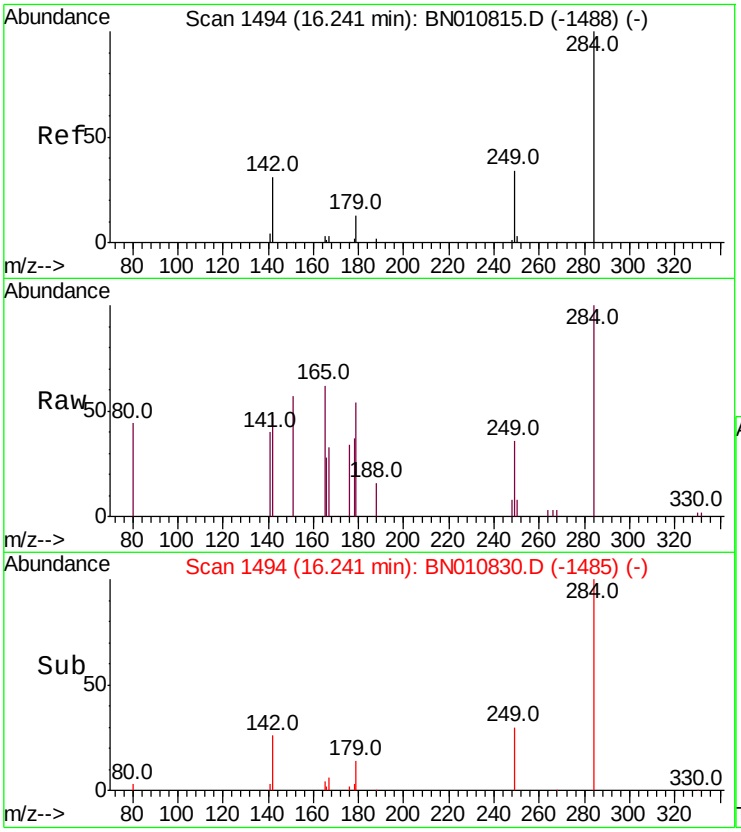


#20
4-Bromophenyl-phenylether
Concen: 0.421 ng
RT: 16.12 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:248 Resp: 3435

Ion	Ratio	Lower	Upper
248	100		
250	94.1	81.8	122.8
141	113.7	42.6	64.0#



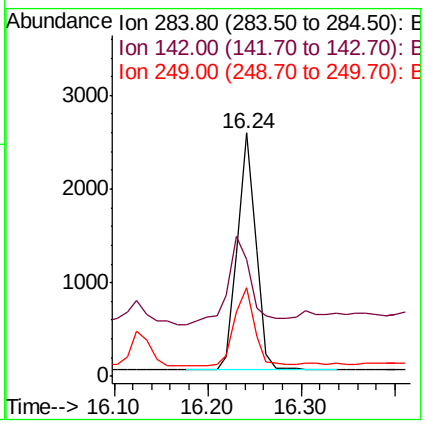


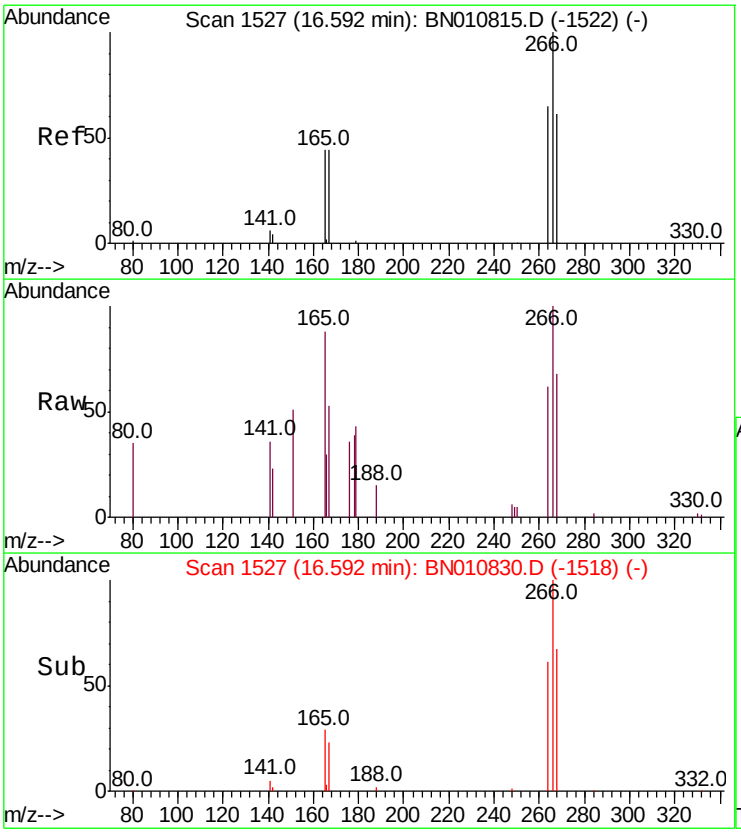
#21
Hexachlorobenzene
Concen: 0.409 ng
RT: 16.24 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 3477

Ion	Ratio	Lower	Upper
284	100		
142	46.4	31.0	46.4
249	35.0	27.1	40.7

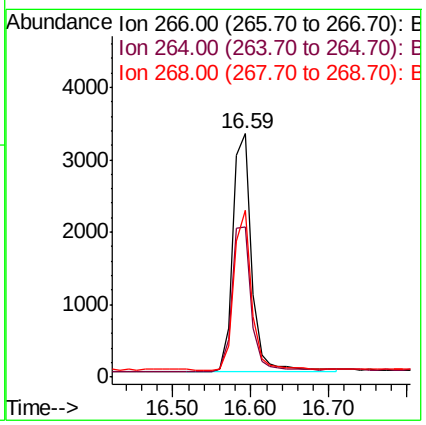


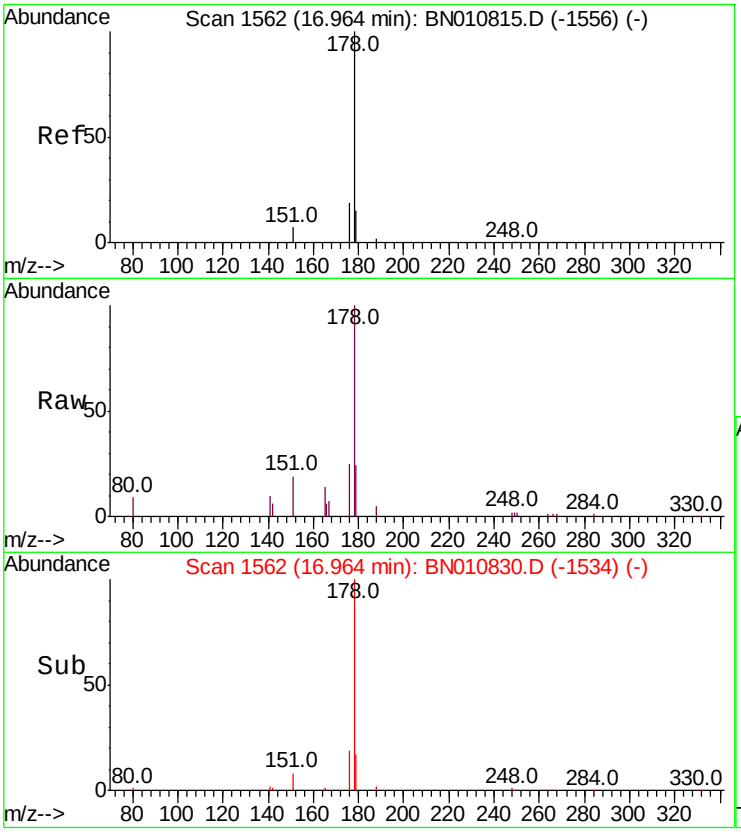


#22
Pentachlorophenol
Concen: 1.928 ng
RT: 16.59 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:266 Resp: 5503

Ion	Ratio	Lower	Upper
266	100		
264	61.8	54.8	82.2
268	68.4	55.9	83.9



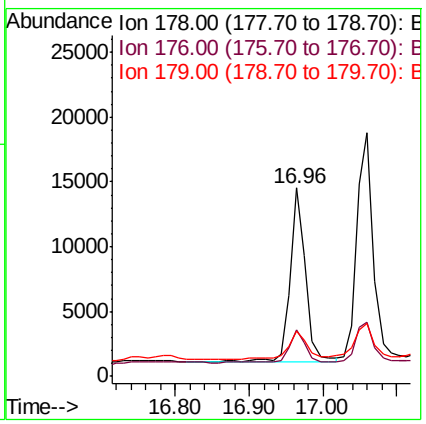


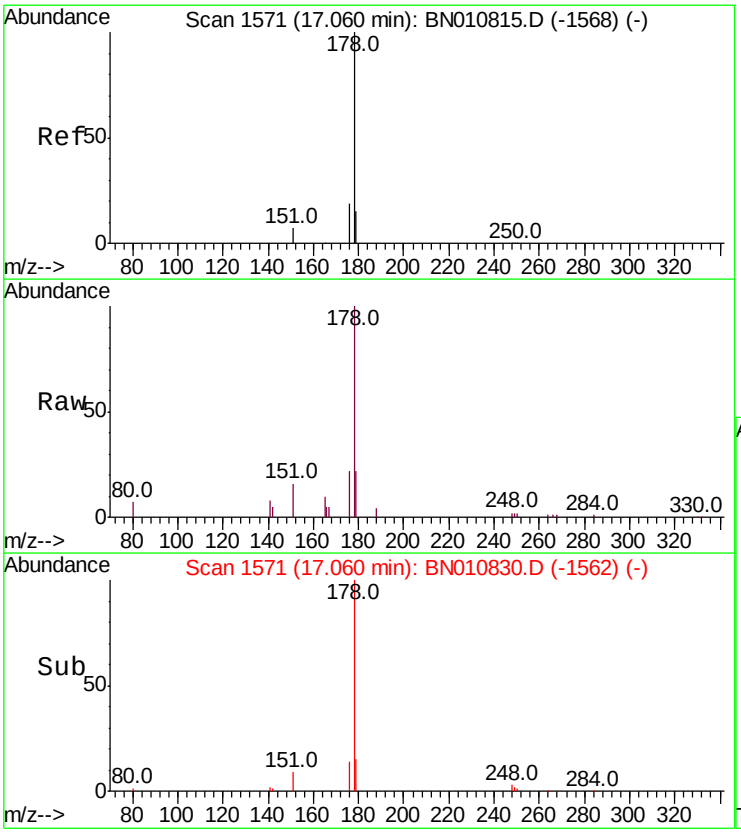
#23
Phenanthrene
Concen: 0.529 ng
RT: 16.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 19594

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	18.9	12.6	19.0

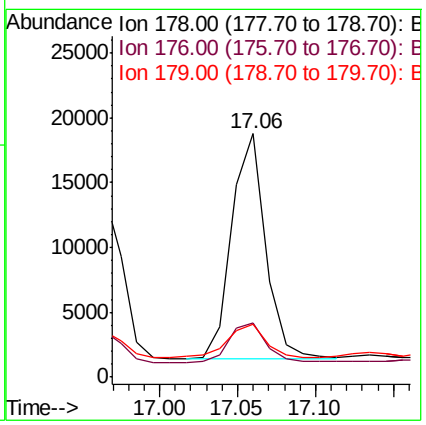


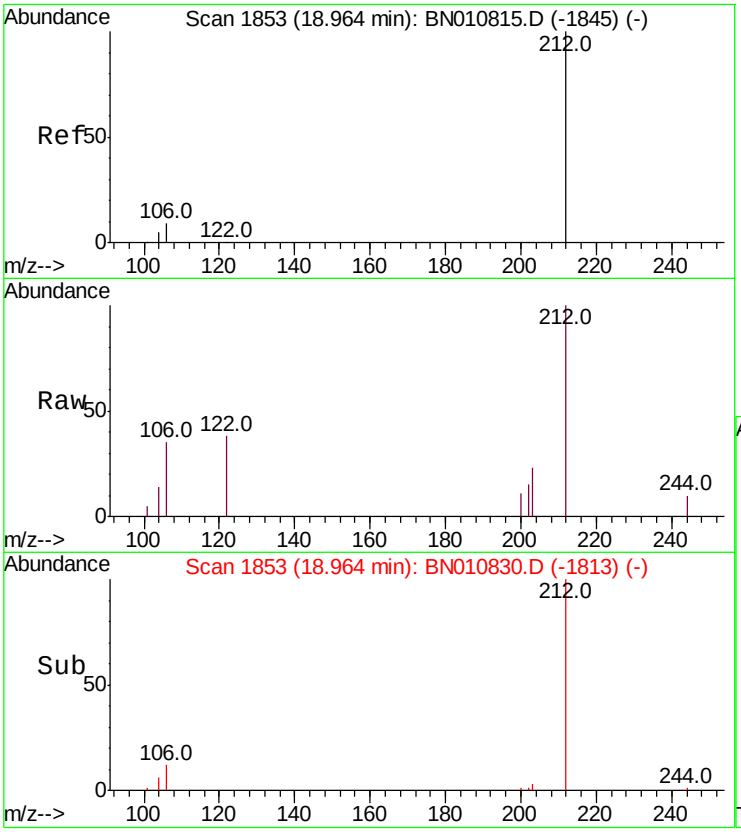


#24
Anthracene
Concen: 0.847 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:178 Resp: 26190

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	22.0
179	17.1	12.3	18.5



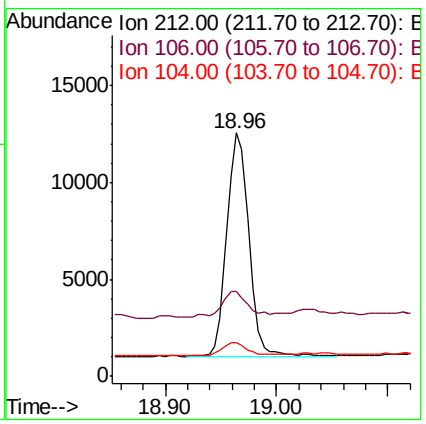


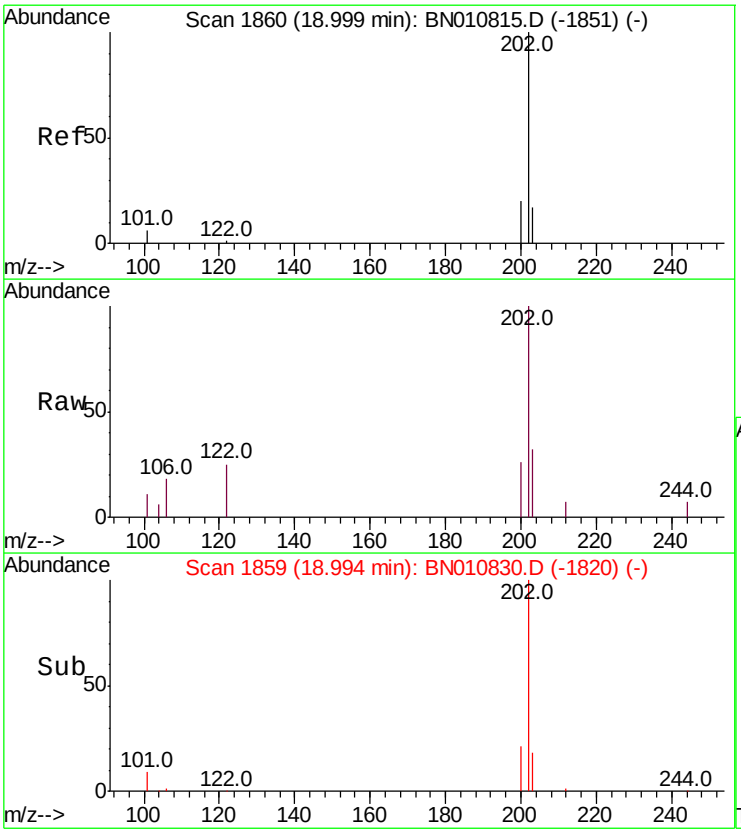
#25
Fluoranthene-d10
Concen: 0.434 ng
RT: 18.96 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 16255

Ion	Ratio	Lower	Upper
212	100		
106	14.2	6.6	10.0#
104	6.2	4.0	6.0#

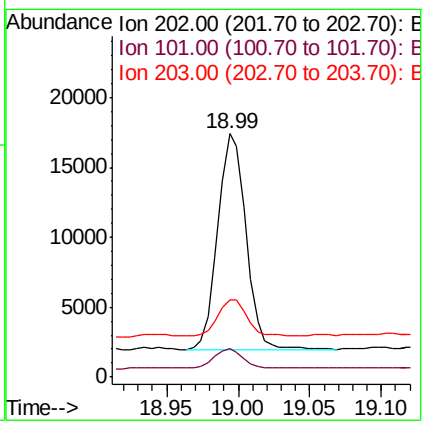


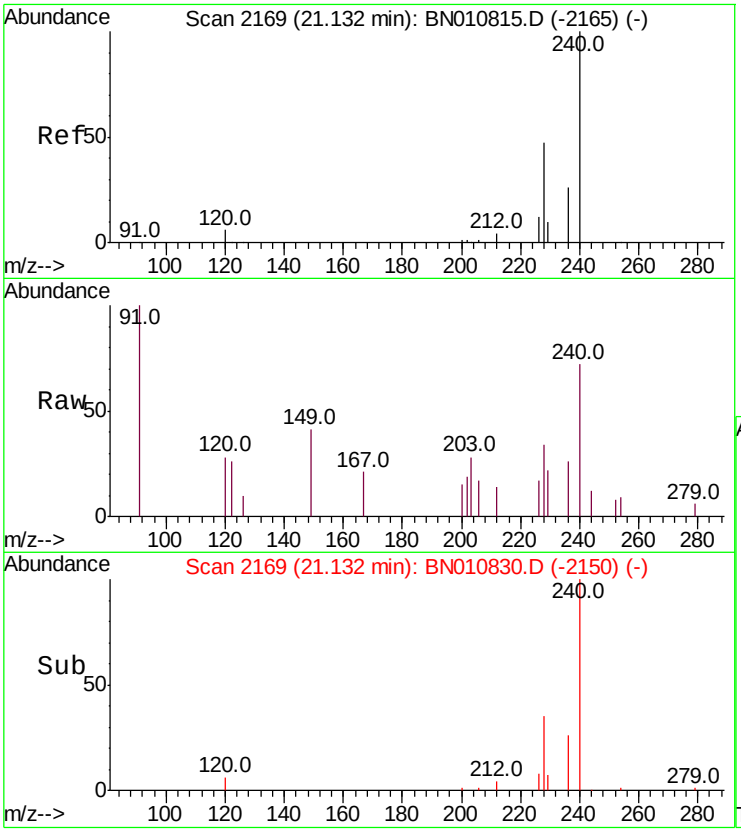


#26
Fluoranthene
Concen: 0.507 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:202 Resp: 21340

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.8	8.6#
203	18.2	13.7	20.5



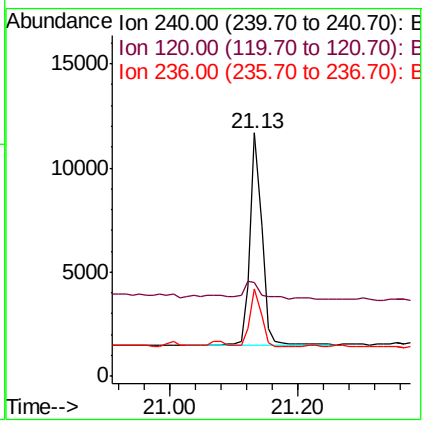


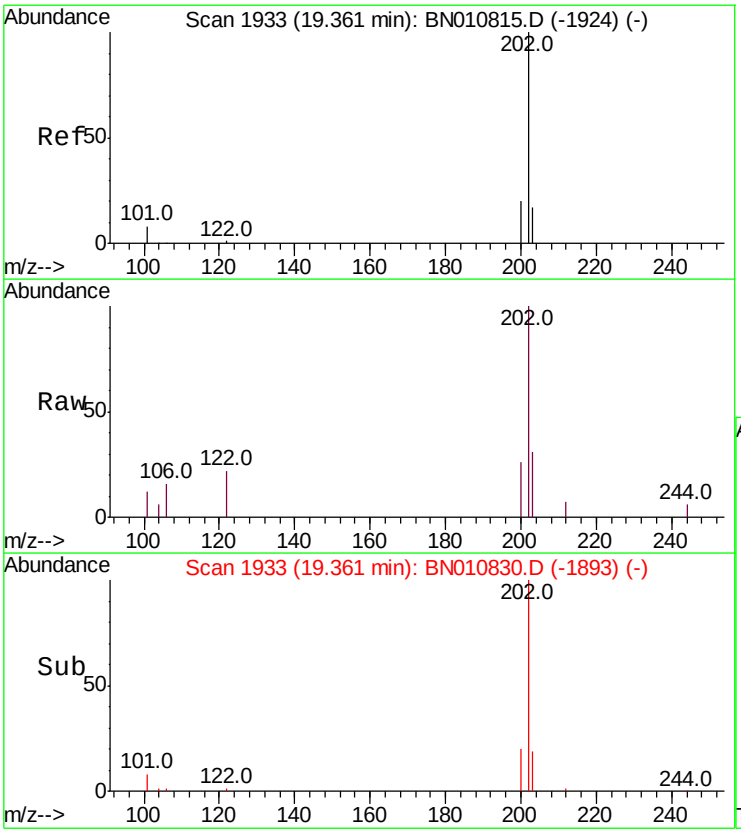
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 13479

Ion	Ratio	Lower	Upper
240	100		
120	38.6	7.5	11.3#
236	35.7	22.3	33.5#

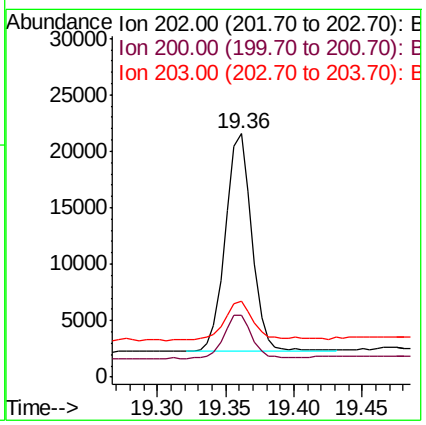


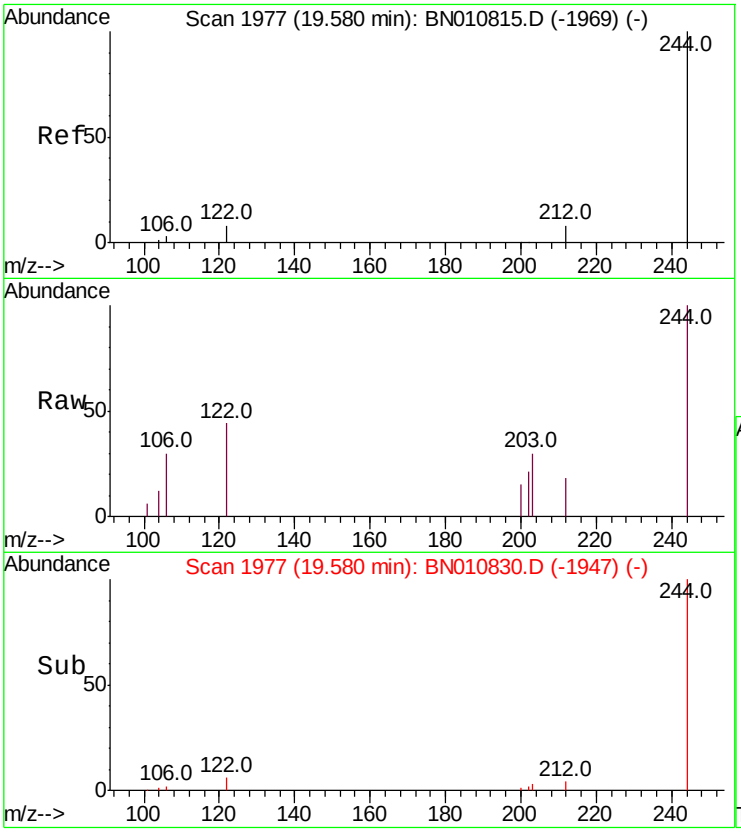


#28
Pyrene
Concen: 0.582 ng
RT: 19.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:202 Resp: 25969

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	20.1	14.2	21.4



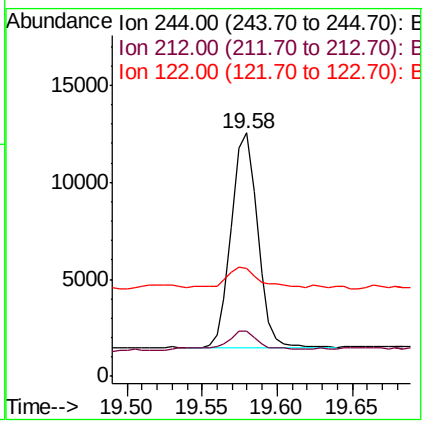


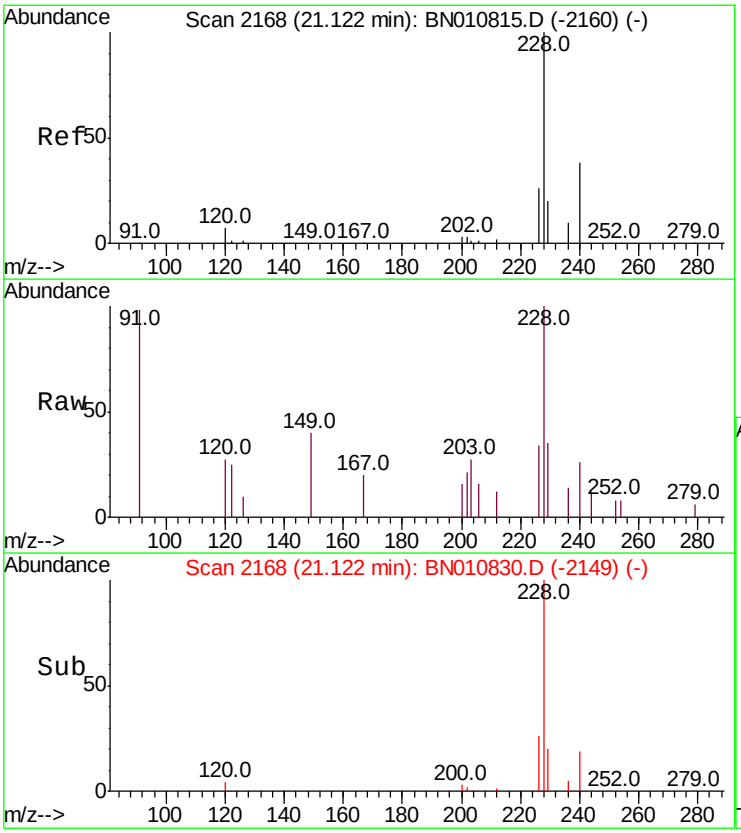
#29
Terphenyl-d14
Concen: 0.431 ng
RT: 19.58 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 13604

Ion	Ratio	Lower	Upper
244	100		
212	18.5	7.4	11.2#
122	44.1	7.5	11.3#

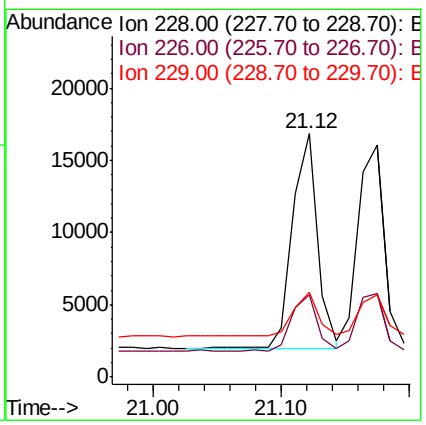


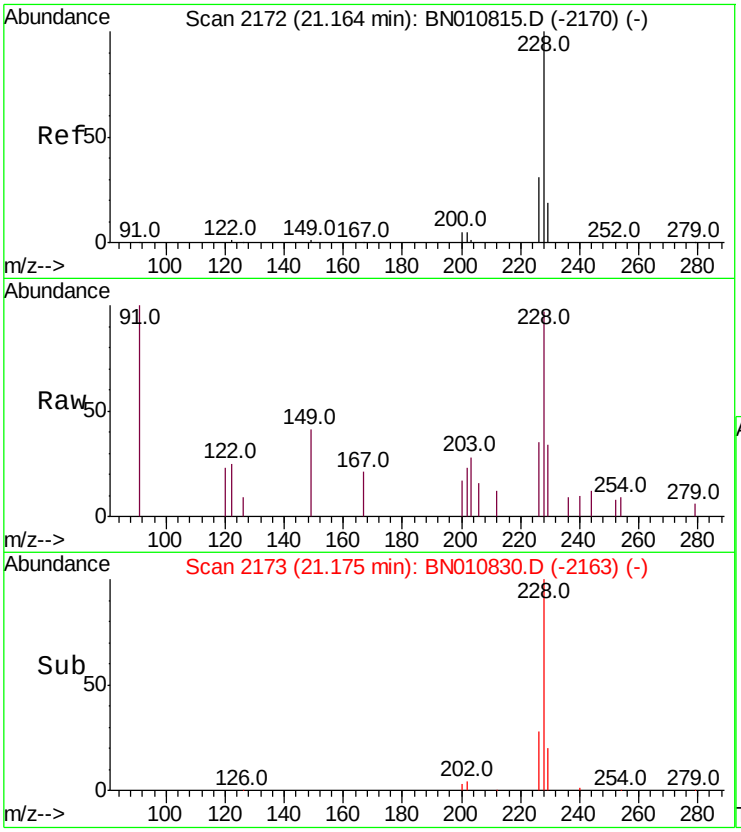


#30
Benzo(a)anthracene
Concen: 0.503 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:228 Resp: 19911

Ion	Ratio	Lower	Upper
228	100		
226	33.8	21.3	31.9#
229	34.9	16.6	24.8#



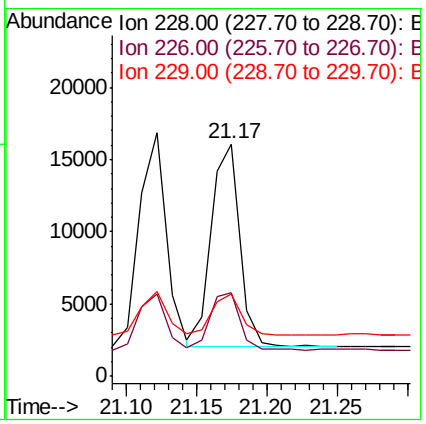


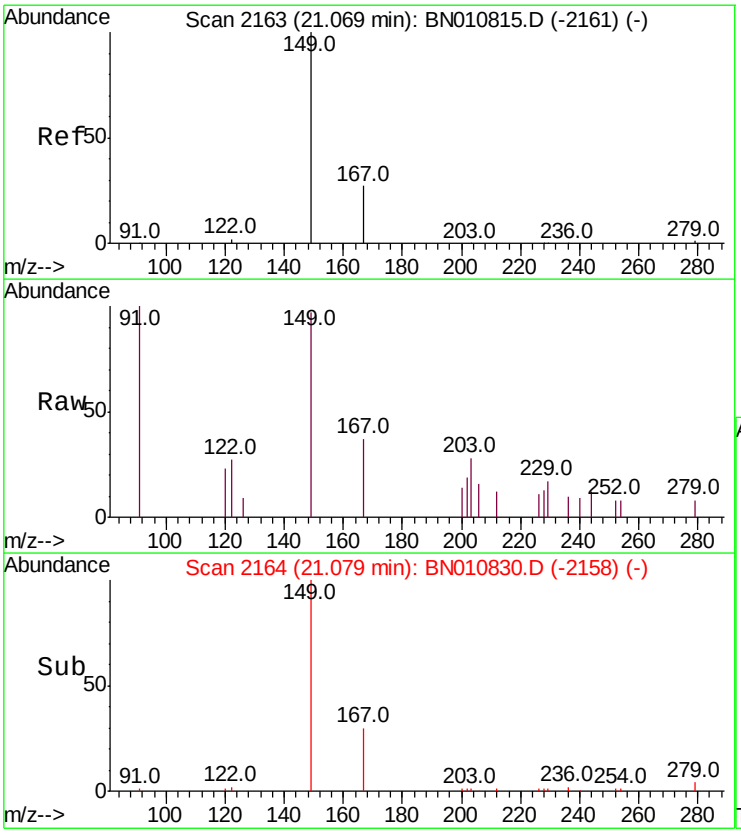
#31
Chrysene
Concen: 0.429 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 19800

Ion	Ratio	Lower	Upper
228	100		
226	35.9	25.0	37.6
229	35.5	16.1	24.1#

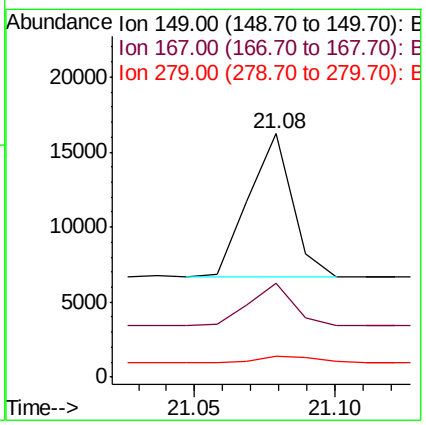


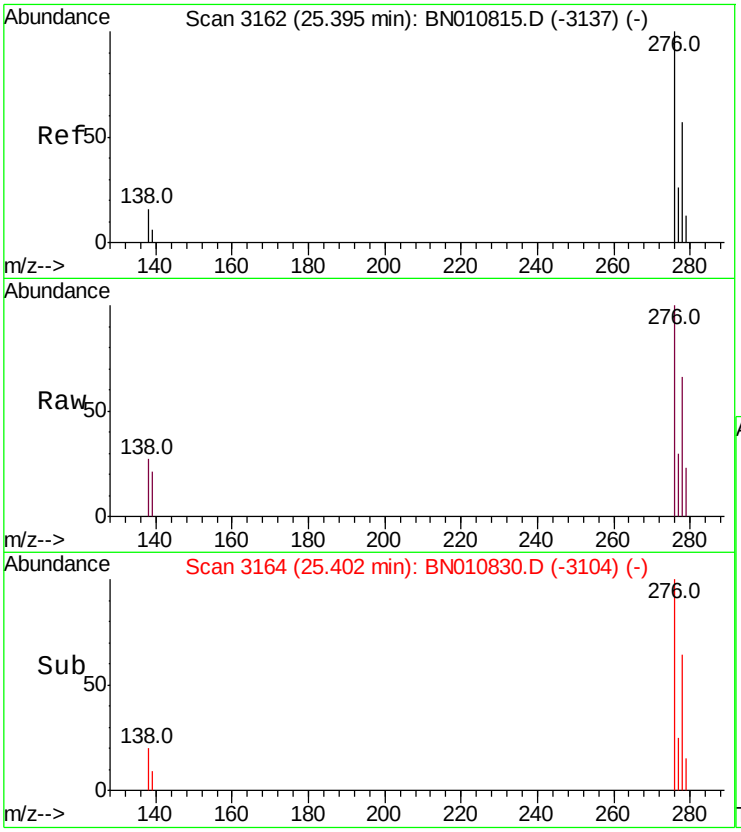


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.794 ng
RT: 21.08 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:149 Resp: 10489

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.1	36.1
279	5.1	4.6	7.0



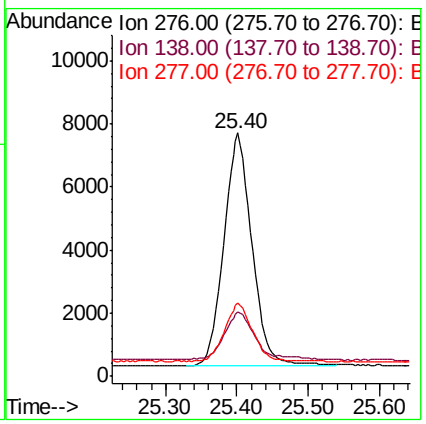


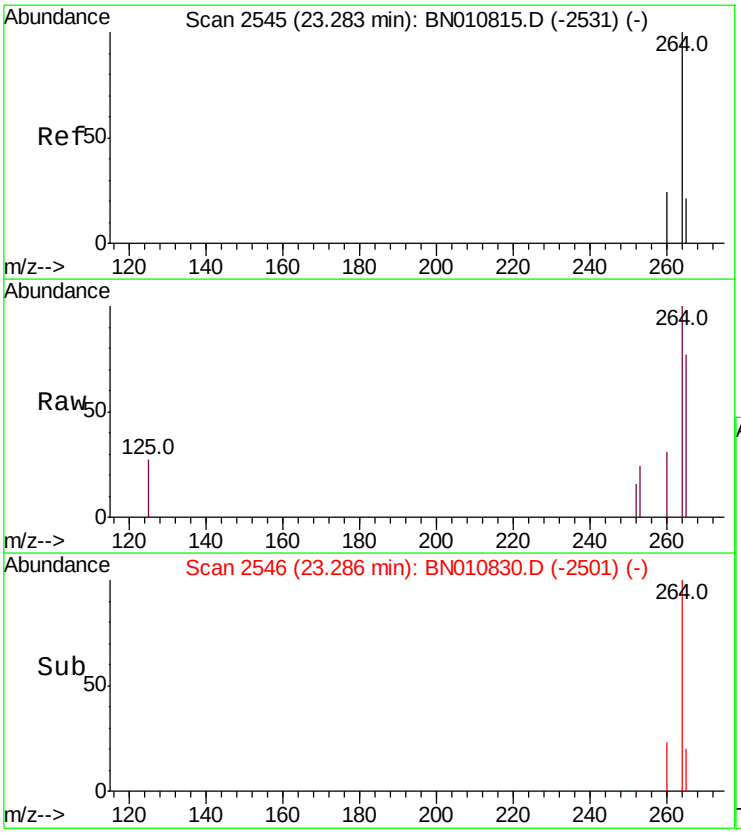
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 25.40 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 20137

Ion	Ratio	Lower	Upper
276	100		
138	21.1	13.0	19.6#
277	24.5	19.7	29.5

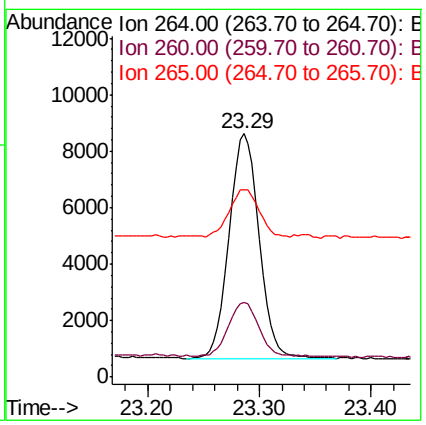


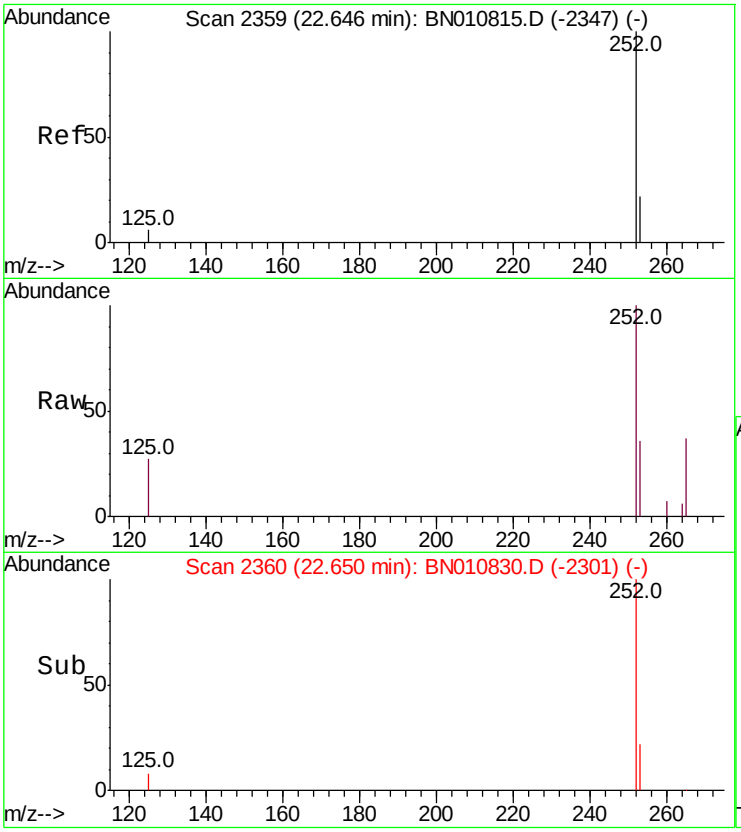


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:264 Resp: 14737

Ion	Ratio	Lower	Upper
264	100		
260	30.7	20.4	30.6#
265	77.2	75.0	112.4



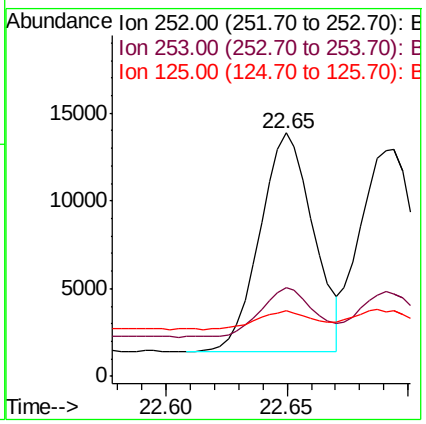


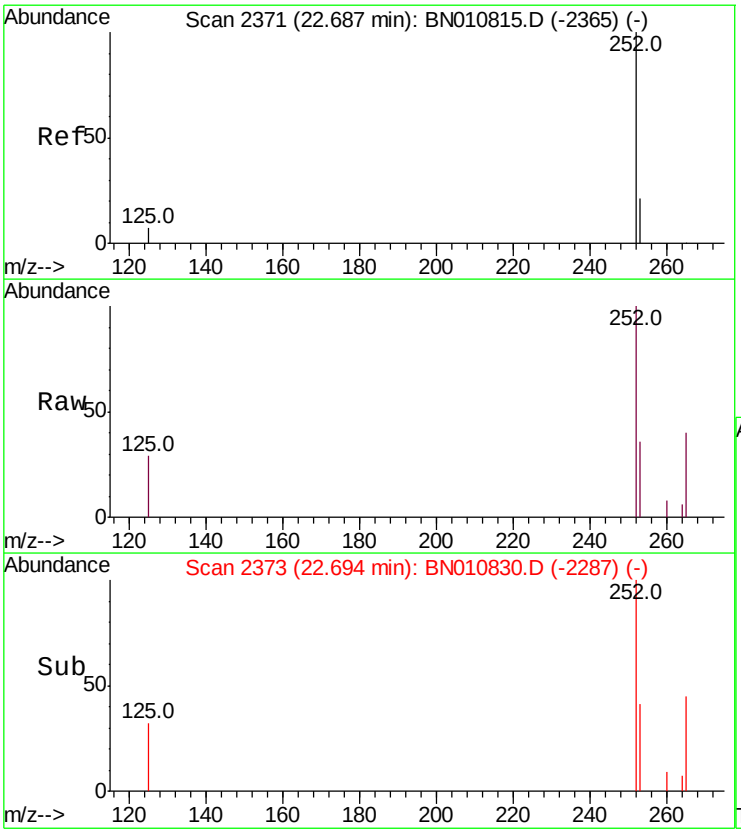
#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 19129

Ion	Ratio	Lower	Upper
252	100		
253	36.3	22.4	33.6#
125	27.0	9.4	14.0#

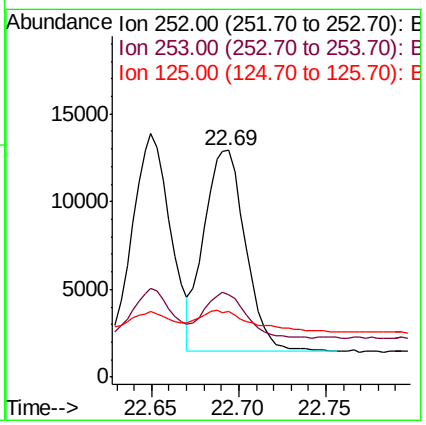


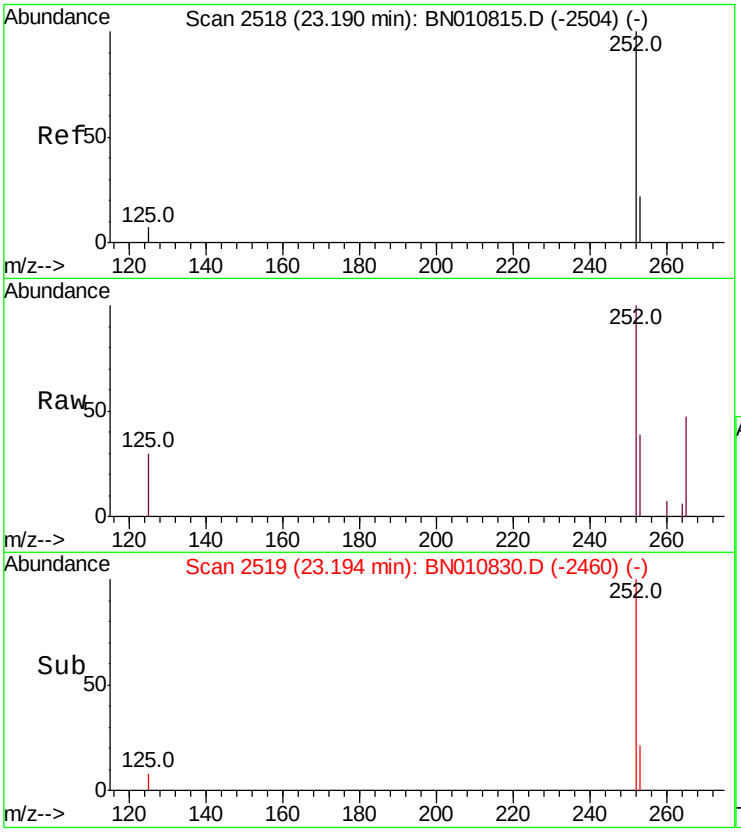


#36
Benzo(k)fluoranthene
Concen: 0.356 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:252 Resp: 19007

Ion	Ratio	Lower	Upper
252	100		
253	36.4	22.2	33.4#
125	28.8	9.8	14.8#



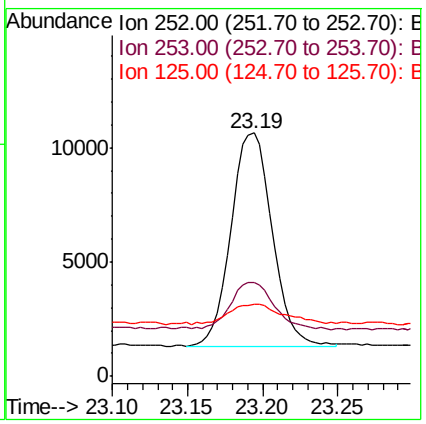


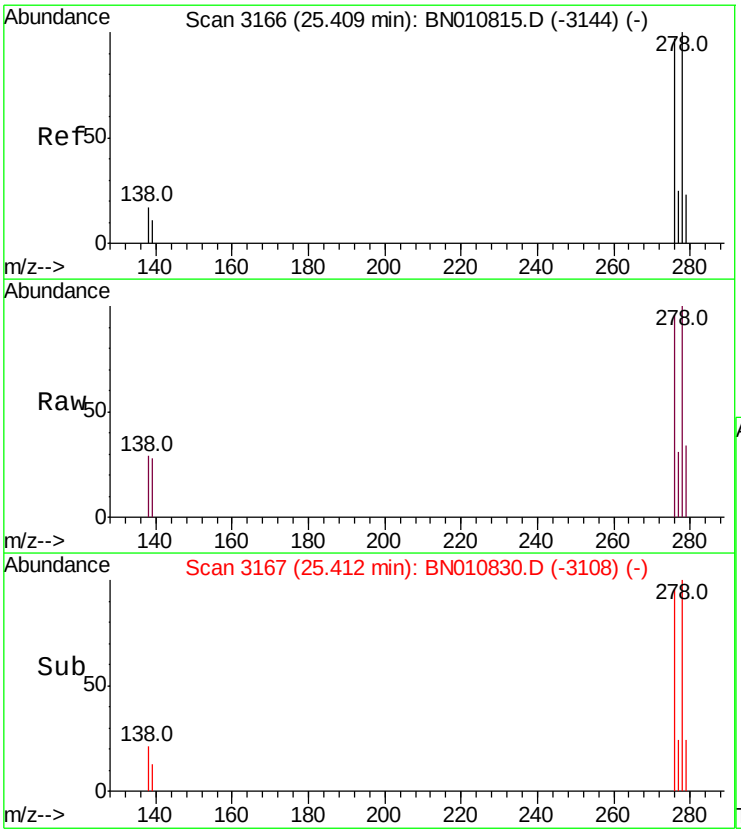
#37
Benzo(a)pyrene
Concen: 0.405 ng
RT: 23.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 17407

Ion	Ratio	Lower	Upper
252	100		
253	38.5	25.8	38.8
125	29.7	12.4	18.6#

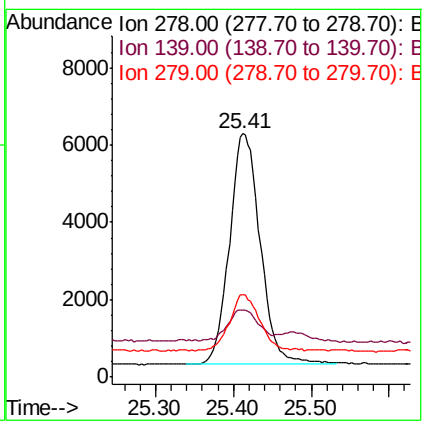


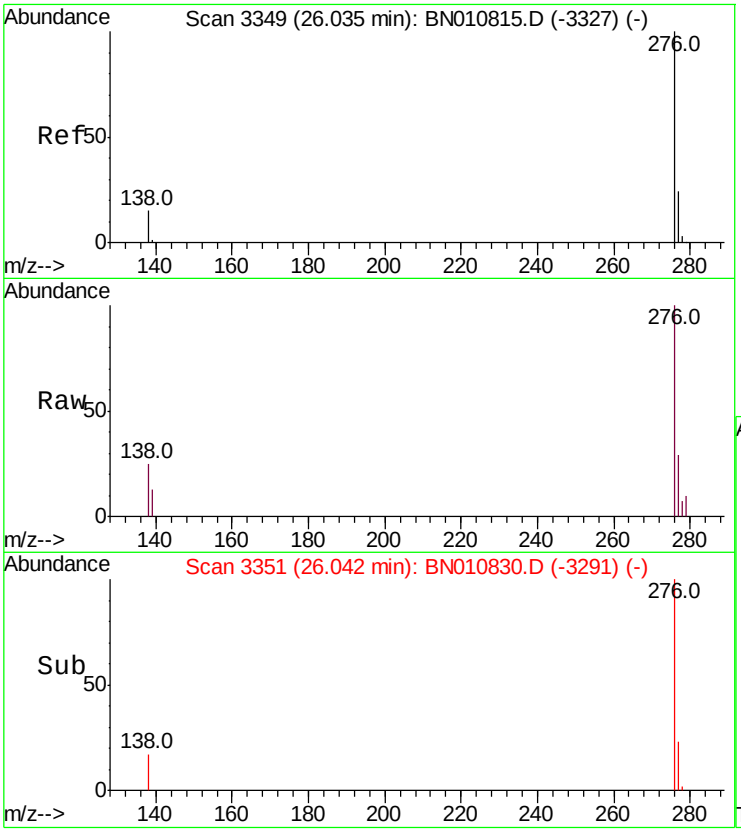


#38
Dibenzo(a,h)anthracene
Concen: 0.335 ng
RT: 25.41 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Tgt Ion:278 Resp: 16433

Ion	Ratio	Lower	Upper
278	100		
139	27.7	10.6	15.8#
279	33.6	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.336 ng
RT: 26.04 min Scan# 3351
Delta R.T. 0.01 min
Lab File: BN010830.D
Acq: 10 Jun 2020 22:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 17204

Ion	Ratio	Lower	Upper
276	100		
277	28.7	20.5	30.7
138	24.5	13.7	20.5#