Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011026.D
Acq On : 23 Jun 2020 07:03
Operator : CG/JU
Sample : L3020-21MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-23MS

Quant Time: Jun 23 07:37:52 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	7.52	152	2748	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	9947	0.40	ng		-0.01
13) Acenaphthene-d10	14.15	164	5908	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	13187	0.40	ng		-0.01
27) Chrysene-d12	21.11	240	11148	0.40	ng		-0.01
34) Perylene-d12	23.25	264	11811	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1310	0.25	ng		0.00
5) Phenol-d6	6.73	99	949	0.15	ng		0.00
8) Nitrobenzene-d5	8.66	82	3140	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	11.87	152	5404	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	1181	0.56	ng		-0.01
15) 2-Fluorobiphenyl	12.76	172	11005	0.47	ng		-0.01
25) Fluoranthene-d10	18.94	212	13080	0.36	ng		0.00
29) Terphenyl-d14	19.55	244	15854	0.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	2298	0.854	ng		99
3) n-Nitrosodimethylamine	3.51	42	358	0.229	ng	#	93
6) bis(2-Chloroethyl)ether	6.97	93	2192	0.360	ng		95
9) Naphthalene	10.32	128	8545	0.342	ng		100
10) Hexachlorobutadiene	10.62	225	1751	0.283	ng	#	99
12) 2-Methylnaphthalene	11.94	142	5801	0.347	ng		98
16) Acenaphthylene	13.86	152	8493	0.351	ng		98
17) Acenaphthene	14.21	154	5472	0.332	ng		98
18) Fluorene	15.21	166	7743	0.364	ng		99
20) 4-Bromophenyl-phenylether	16.10	248	2428	0.306	ng	#	94
21) Hexachlorobenzene	16.21	284	2524	0.305	ng		95
22) Pentachlorophenol	16.56	266	2920	1.052	ng		94
23) Phenanthrene	16.94	178	13966	0.388	ng		99
24) Anthracene	17.03	178	11812	0.393	ng		98
26) Fluoranthene	18.97	202	15718	0.384	ng	#	98
28) Pyrene	19.33	202	15815	0.429	ng		99
30) Benzo(a)anthracene	21.09	228	14185	0.433	ng		98
31) Chrysene	21.14	228	14180	0.371	ng		99
32) Bis(2-ethylhexyl)phthalate	21.06	149	8397	0.769	ng	#	97
33) Indeno(1,2,3-cd)pyrene	25.35	276	16773	0.393	ng	#	94
35) Benzo(b)fluoranthene	22.62	252	14019	0.349	ng		98
36) Benzo(k)fluoranthene	22.62	252	14019	0.328	ng		98
37) Benzo(a)pyrene	23.16	252	12756	0.370	ng		97
38) Dibenzo(a,h)anthracene	25.36	278	13787	0.351	ng	#	97
39) Benzo(g,h,i)perylene	25.98	276	16024	0.390	ng		97

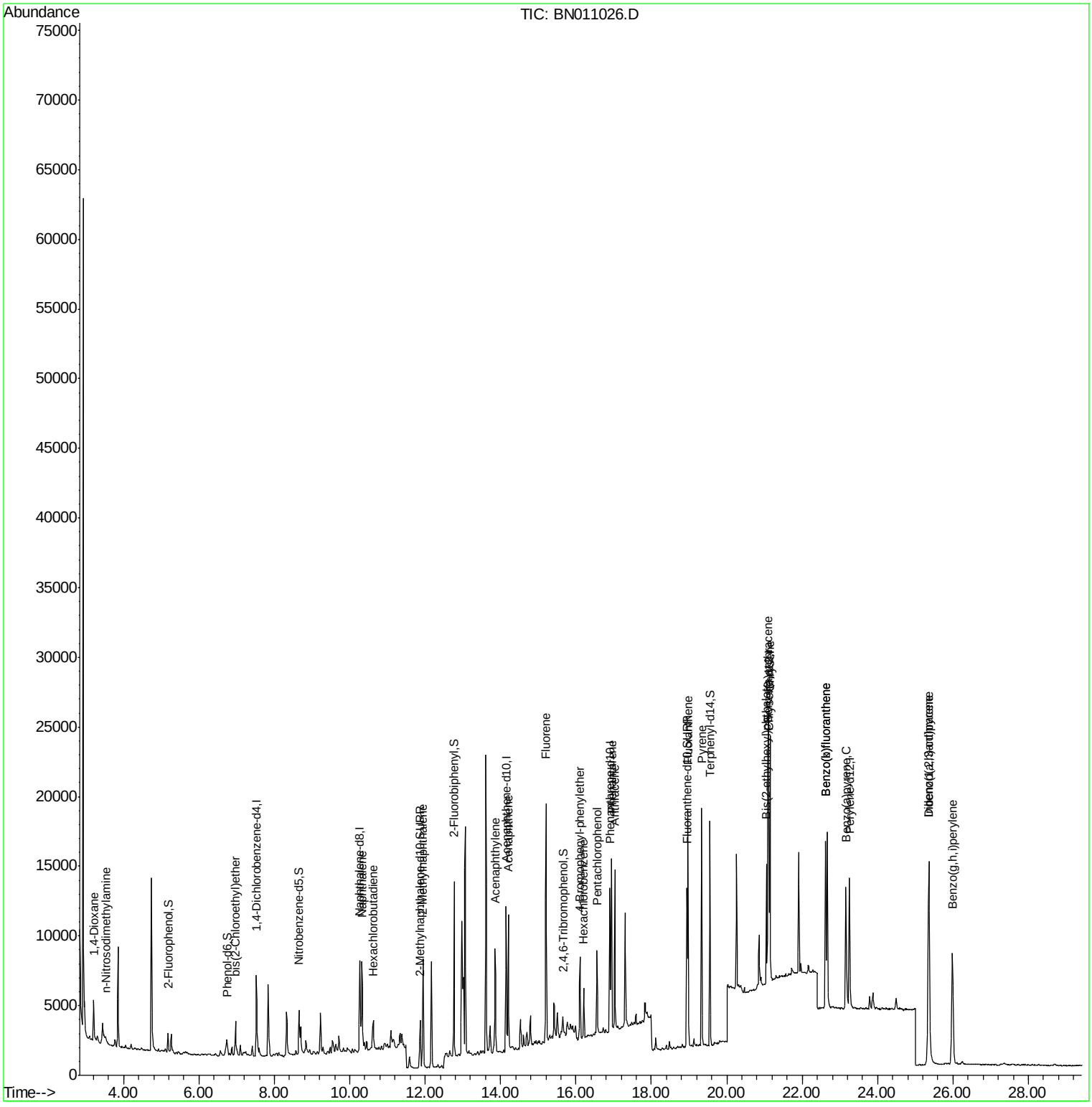
(#) = qualifier out of range (m) = manual integration (+) = signals summed

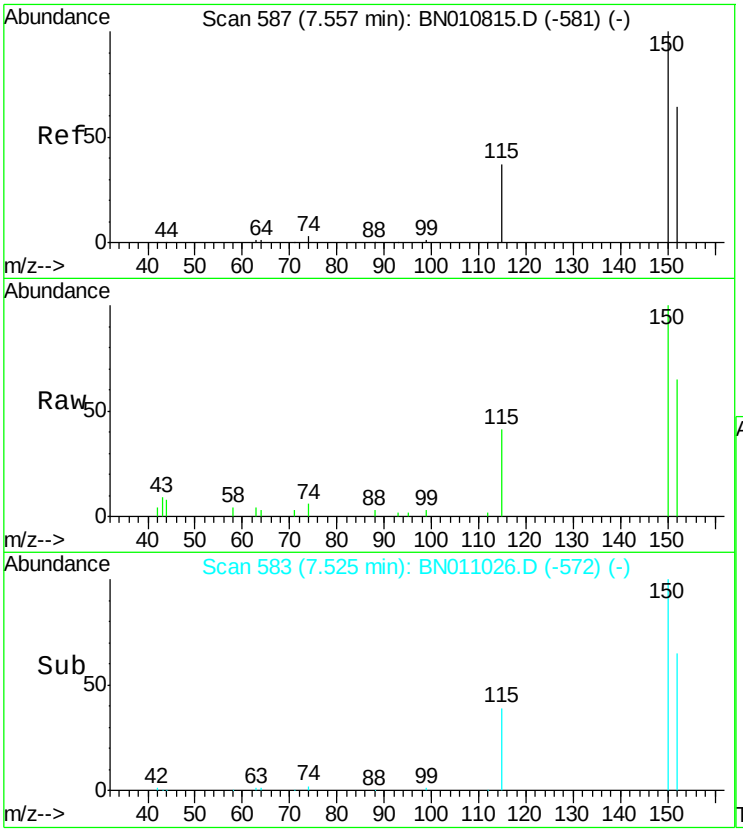
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011026.D
Acq On : 23 Jun 2020 07:03
Operator : CG/JU
Sample : L3020-21MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Quant Time: Jun 23 07:37:52 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



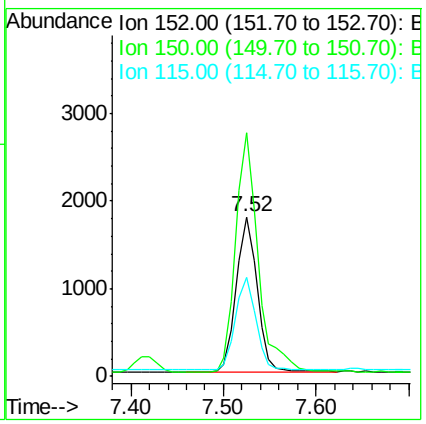


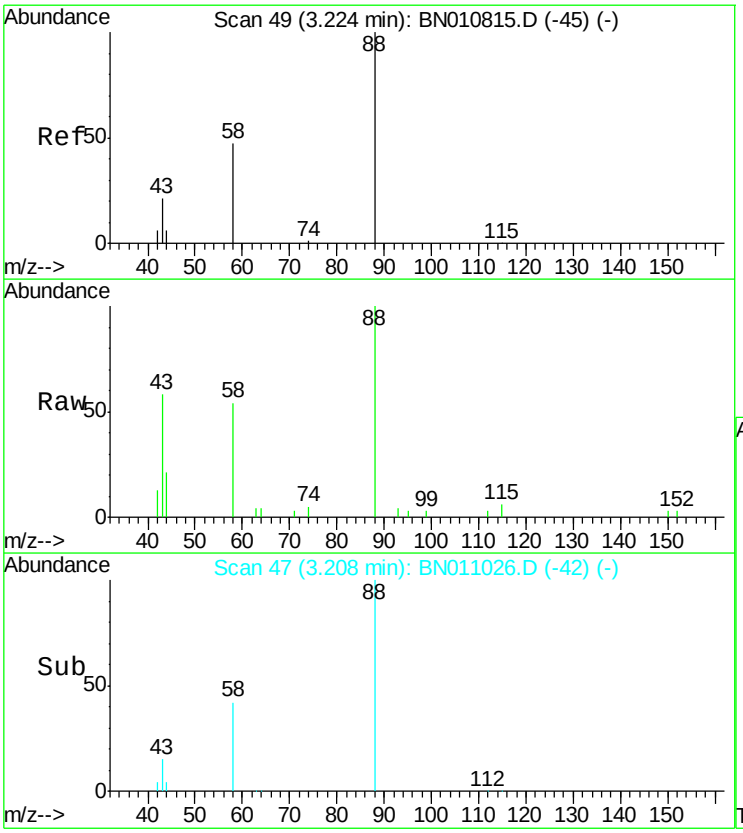
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:152 Resp: 2748

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.6
115	62.2	49.2	73.8

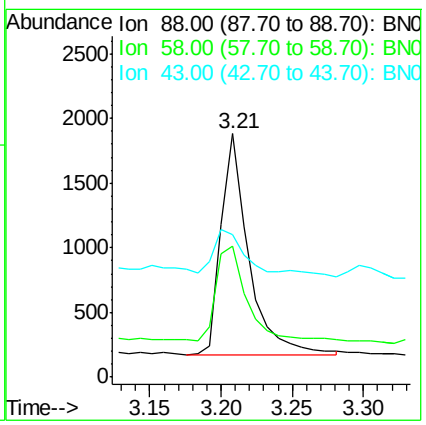


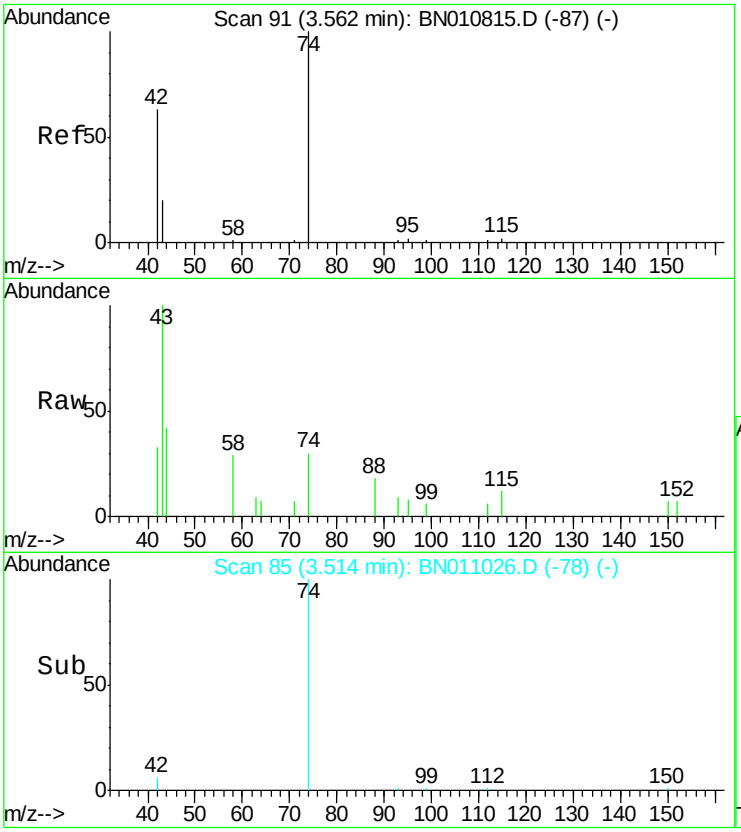


#2
1,4-Dioxane
Concen: 0.854 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion: 88 Resp: 2298

Ion	Ratio	Lower	Upper
88	100		
58	47.7	38.2	57.4
43	19.5	15.1	22.7



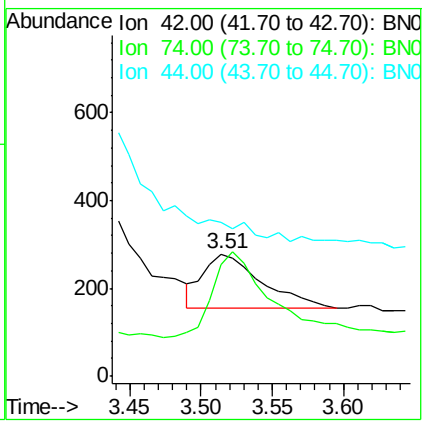


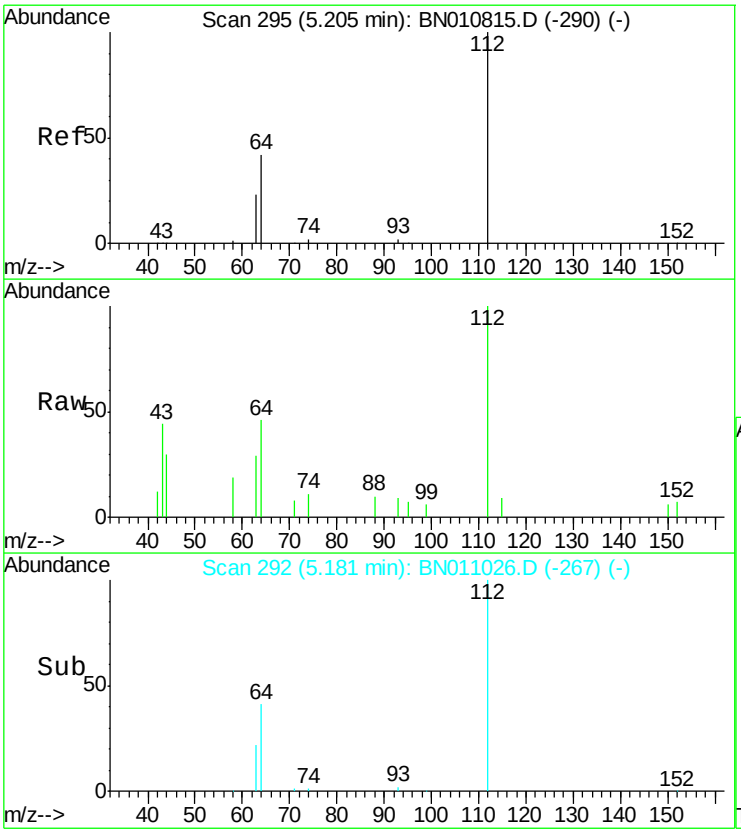
#3
n-Nitrosodimethylamine
Concen: 0.229 ng
RT: 3.51 min Scan# 85
Delta R.T. -0.04 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion: 42 Resp: 358

Ion	Ratio	Lower	Upper
42	100		
74	166.5	140.7	211.1
44	0.0	1.4	2.2#

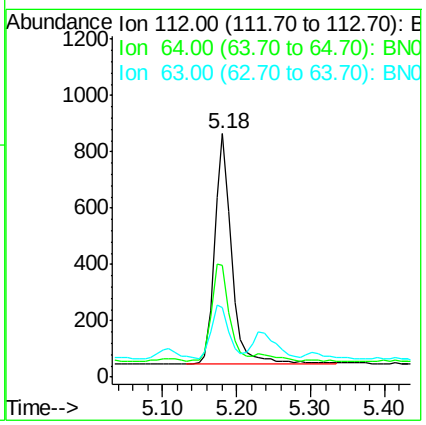


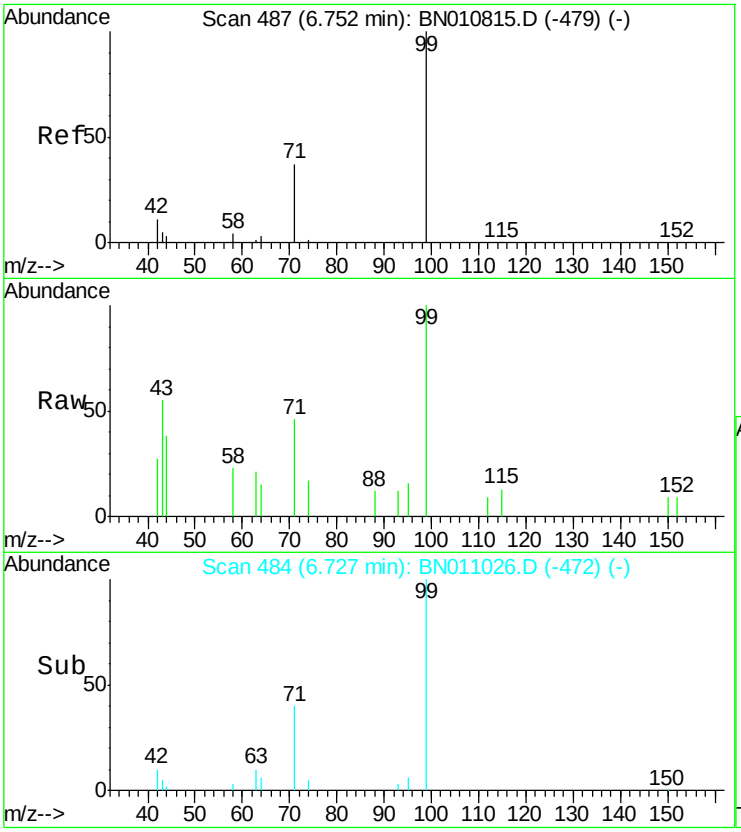


#4
2-Fluorophenol
Concen: 0.247 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:112 Resp: 1310

Ion	Ratio	Lower	Upper
112	100		
64	43.7	37.4	56.0
63	23.1	22.2	33.4



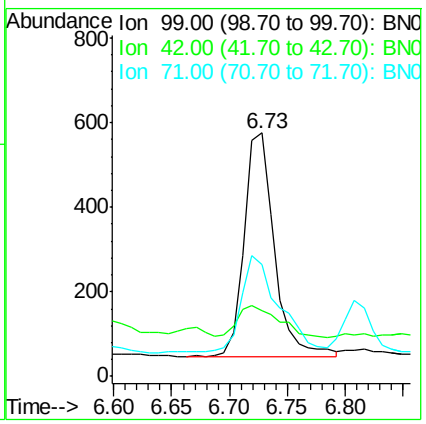


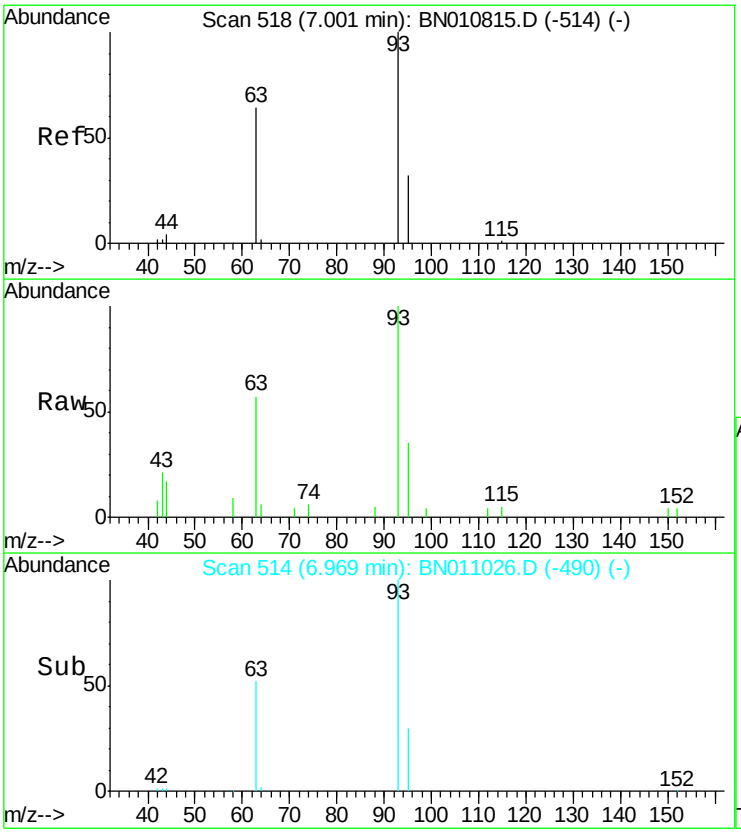
#5
Phenol-d6
Concen: 0.152 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.00 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion: 99 Resp: 949

Ion	Ratio	Lower	Upper
99	100		
42	20.3	11.1	16.7#
71	53.6	31.4	47.2#

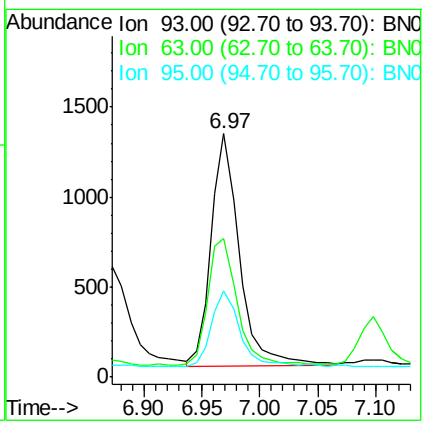


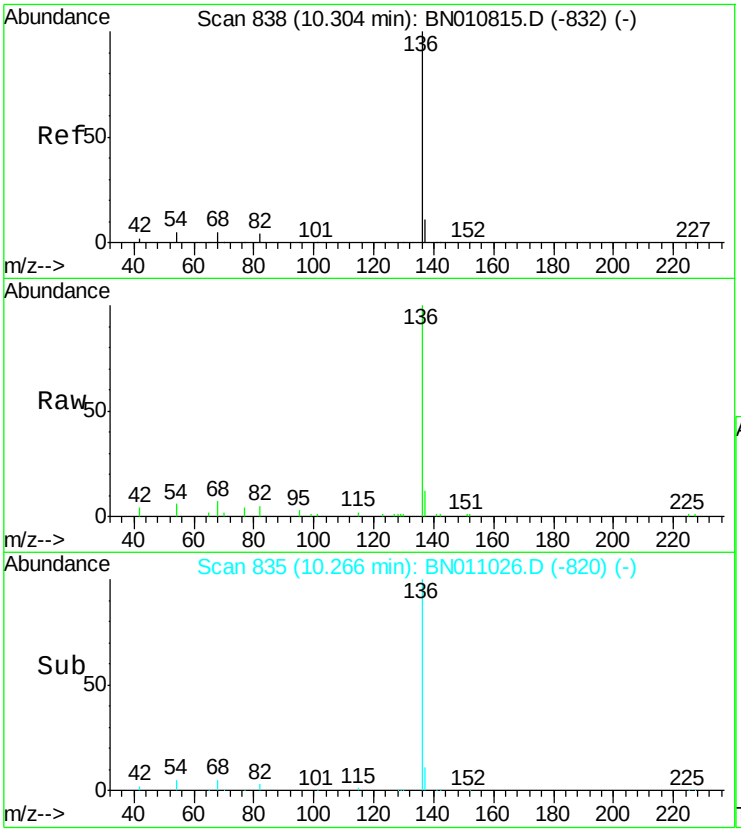


#6
bis(2-Chloroethyl)ether
Concen: 0.360 ng
RT: 6.97 min Scan# 514
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion: 93 Resp: 2192

Ion	Ratio	Lower	Upper
93	100		
63	56.5	49.4	74.2
95	33.6	26.7	40.1



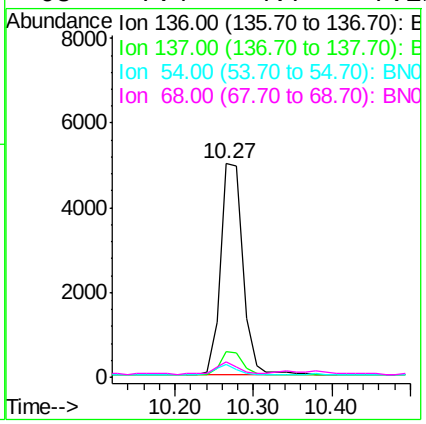


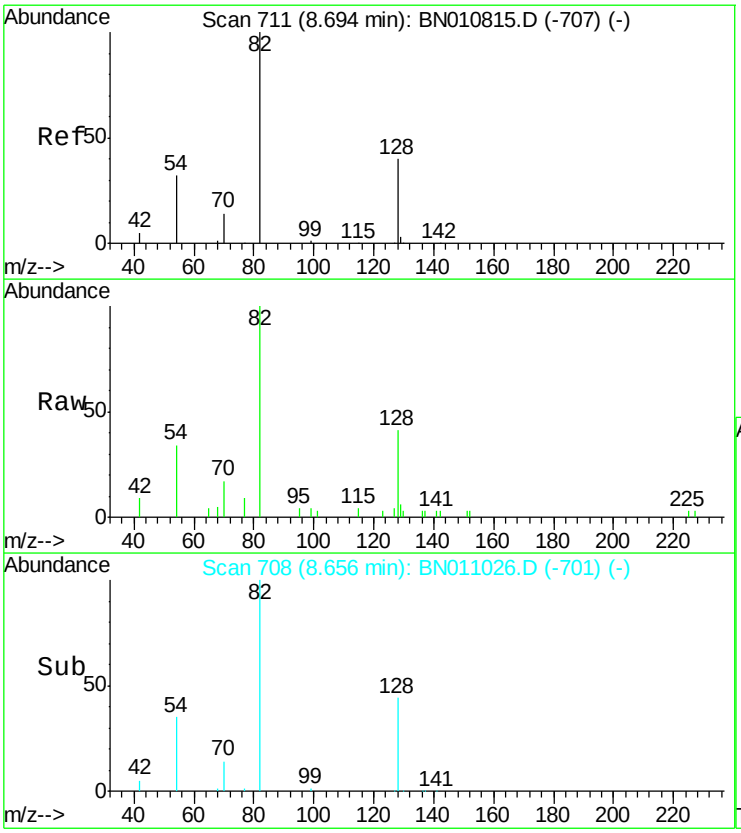
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:136 Resp: 9947

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	6.2	4.9	7.3
68	7.4	4.7	7.1#

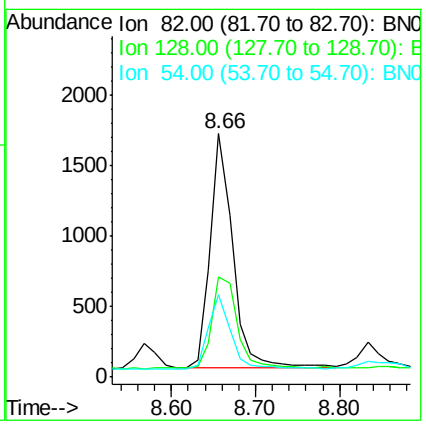


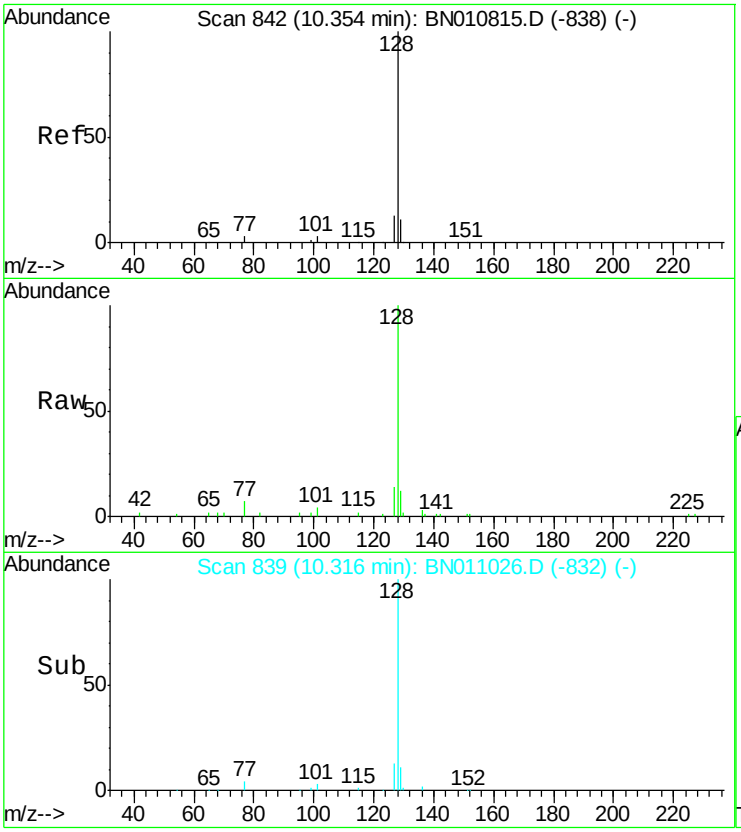


#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.66 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion: 82 Resp: 3140

Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.4	53.0
54	33.8	28.2	42.4



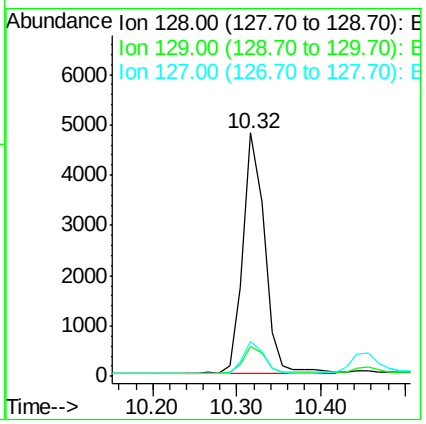


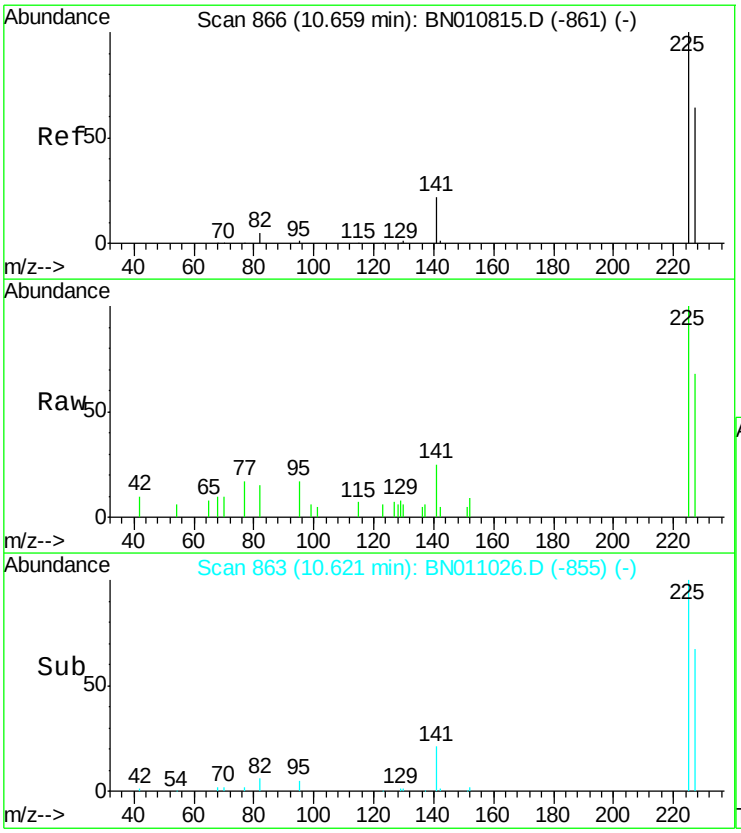
#9
Naphthalene
Concen: 0.342 ng
RT: 10.32 min Scan# 839
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:128 Resp: 8545

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.4	11.4	17.2

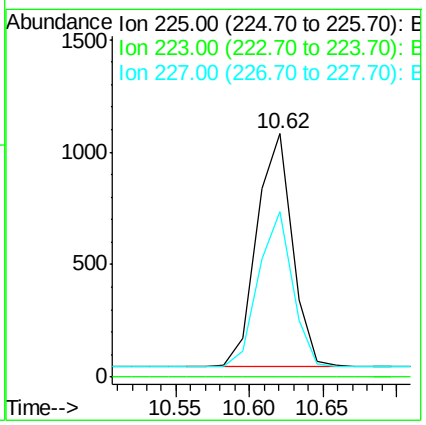


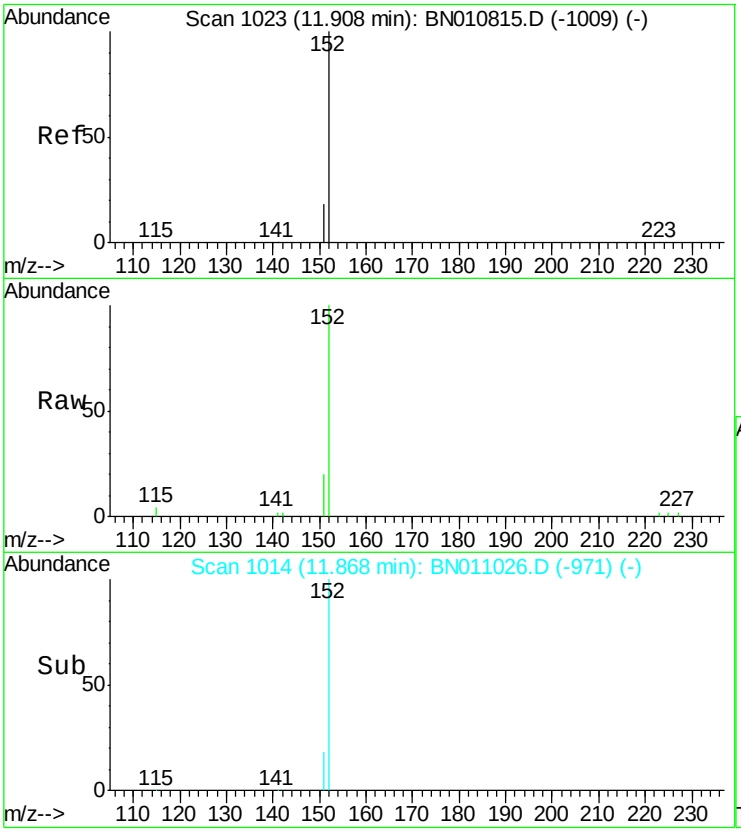


#10
Hexachlorobutadiene
Concen: 0.283 ng
RT: 10.62 min Scan# 863
Delta R.T. 0.00 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:225 Resp: 1751

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



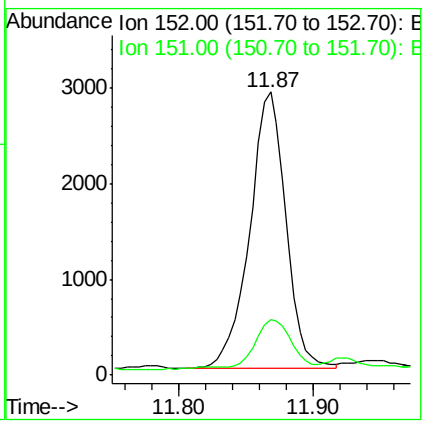


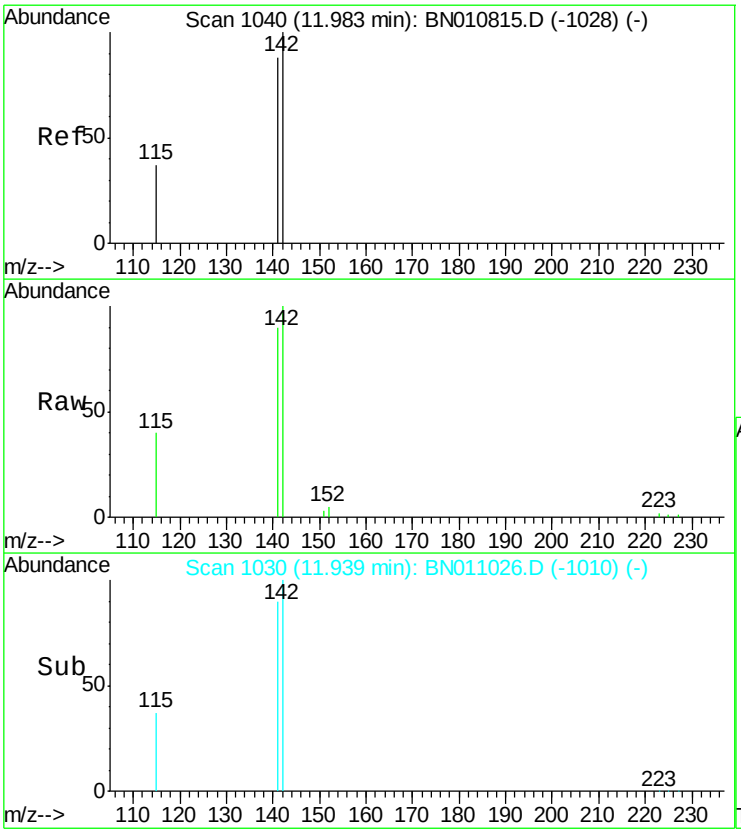
#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 11.87 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:152 Resp: 5404

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.3	22.9

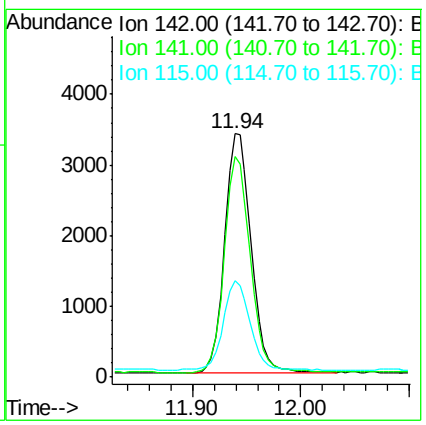


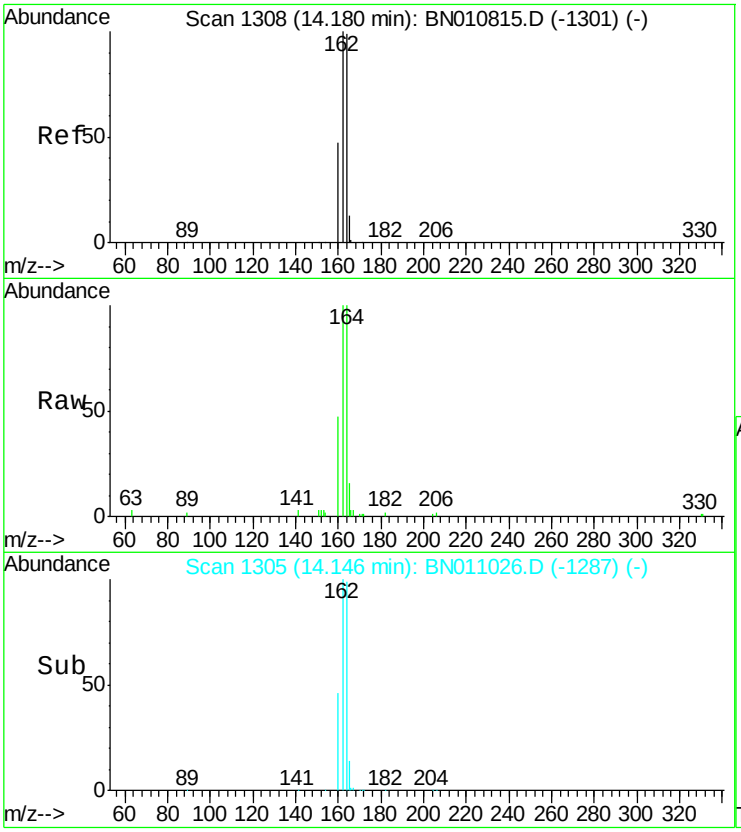


#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 11.94 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:142 Resp: 5801

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	39.8	31.5	47.3



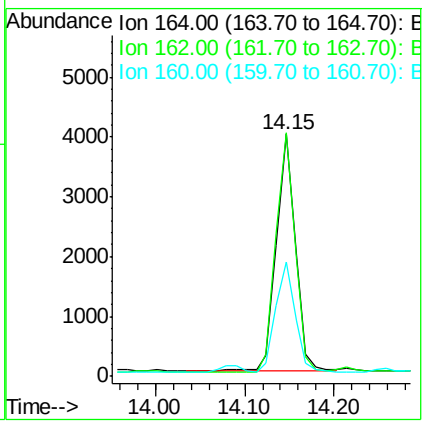


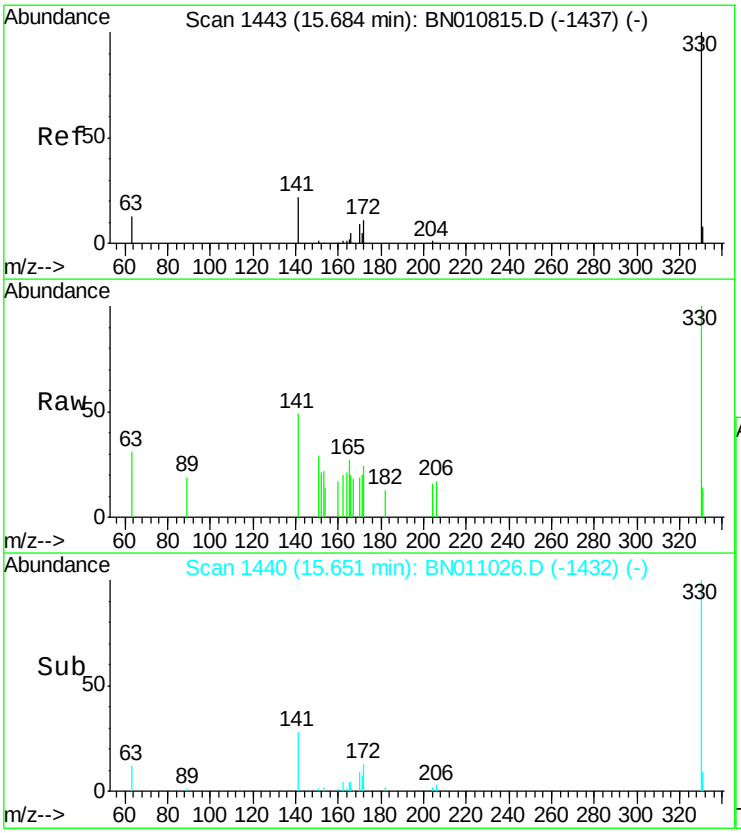
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:164 Resp: 5908

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.0	121.6
160	47.1	38.9	58.3

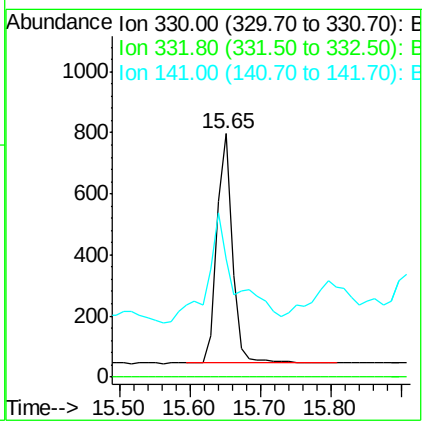


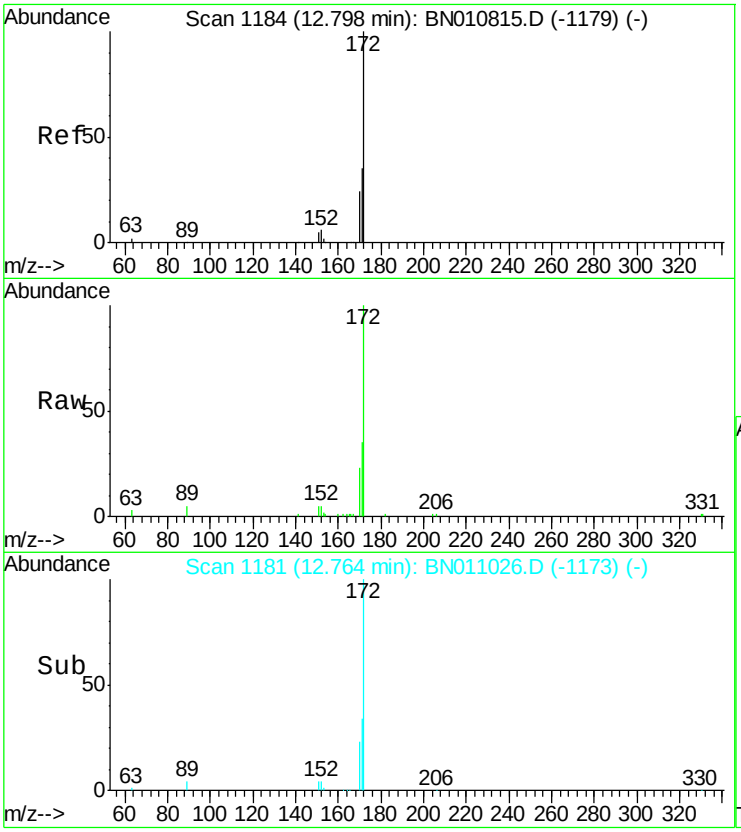


#14
2,4,6-Tribromophenol
Concen: 0.559 ng
RT: 15.65 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:330 Resp: 1181

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	66.9	33.2	49.8#



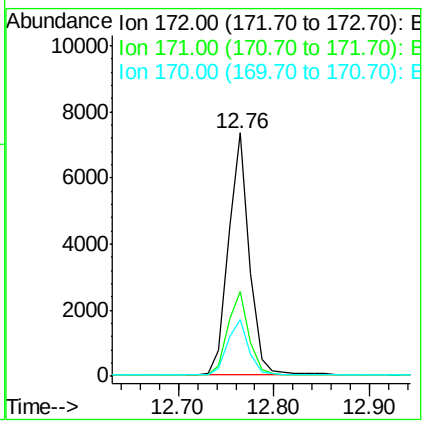


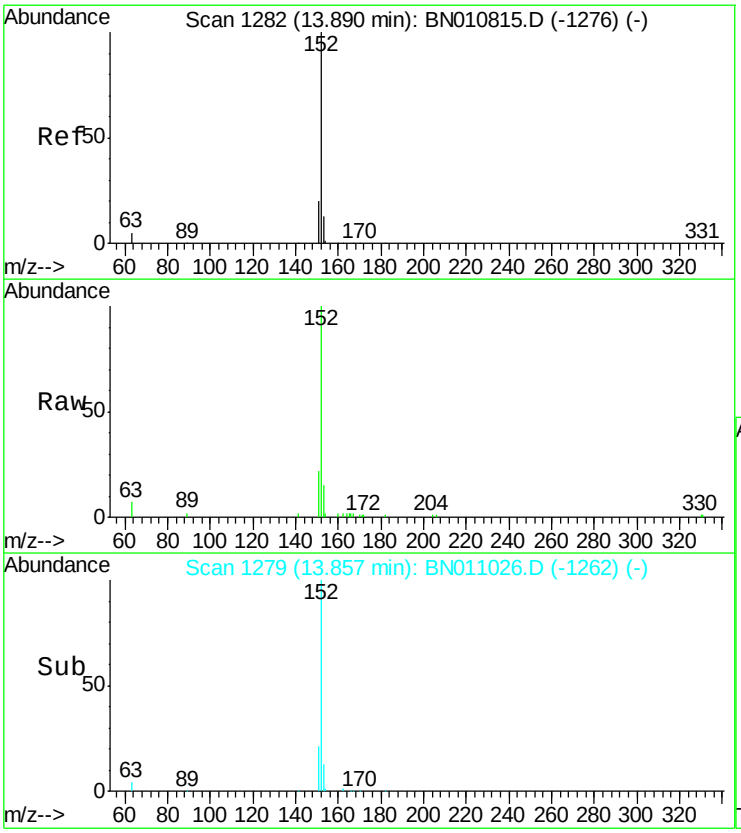
#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:172 Resp: 11005

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.2	19.7	29.5

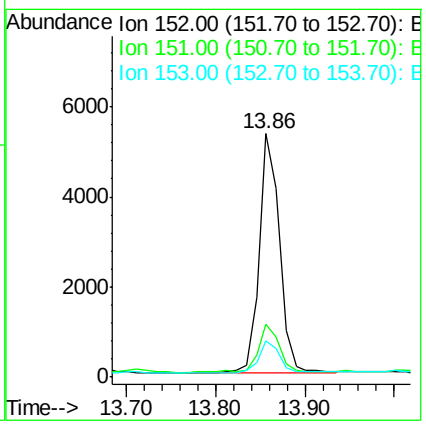


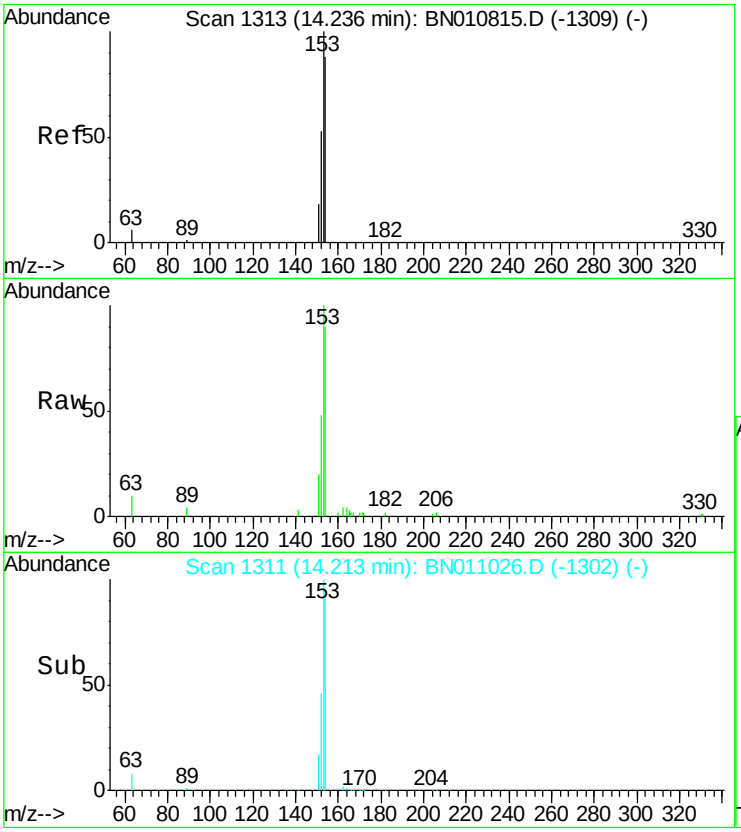


#16
Acenaphthylene
Concen: 0.351 ng
RT: 13.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:152 Resp: 8493

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.6	23.4
153	13.1	10.6	16.0



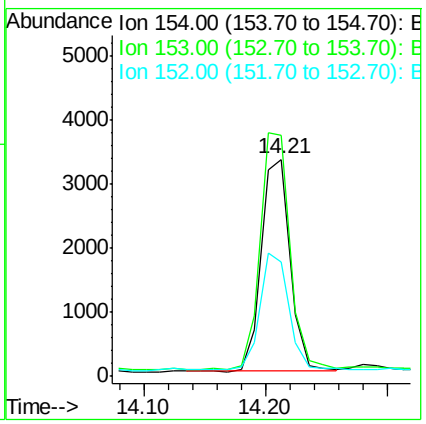


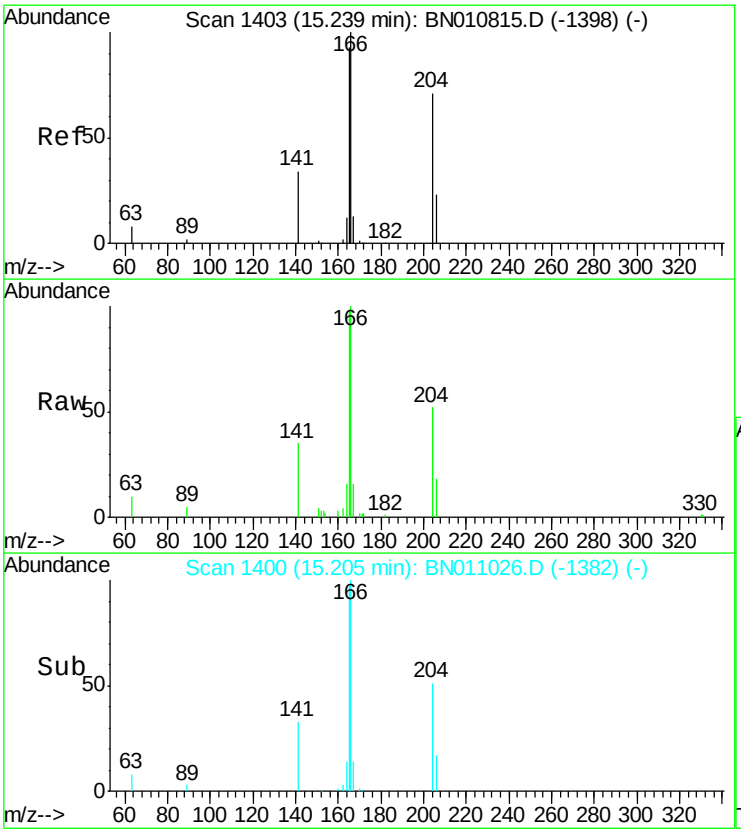
#17
Acenaphthene
Concen: 0.332 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:154 Resp: 5472

Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.8	137.6
152	55.0	47.6	71.4

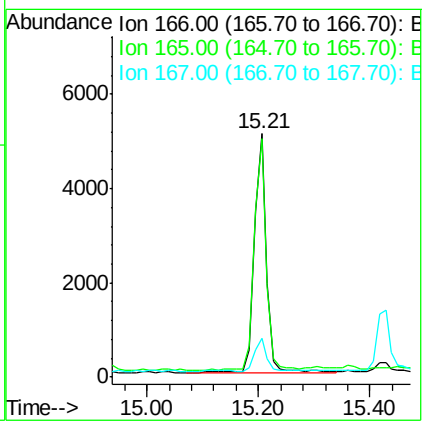


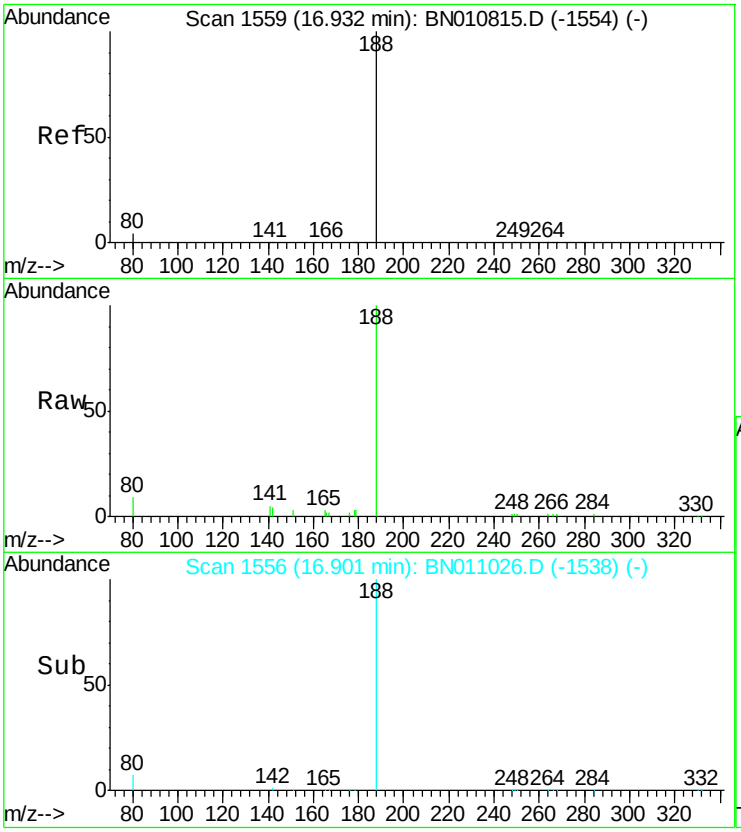


#18
Fluorene
Concen: 0.364 ng
RT: 15.21 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:166 Resp: 7743

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.2	115.8
167	15.0	10.7	16.1



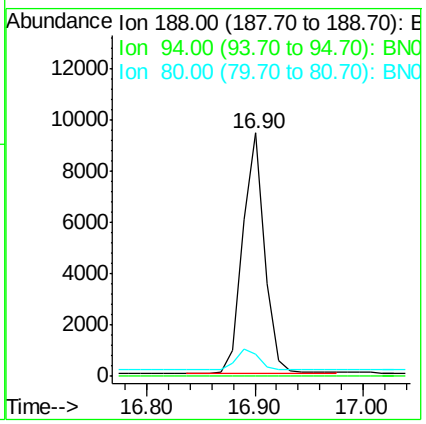


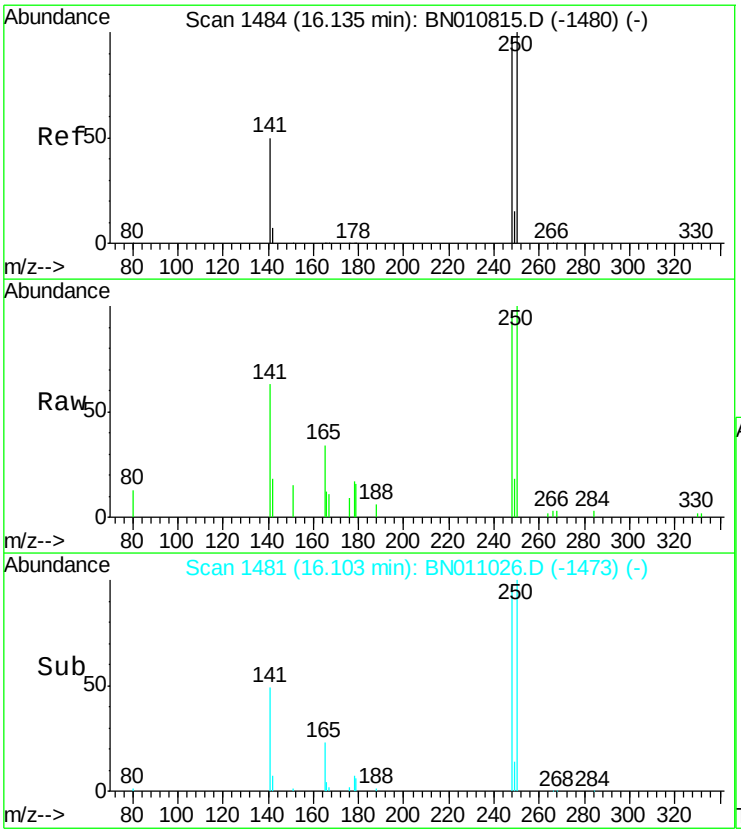
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:188 Resp: 13187

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	4.5	6.7#

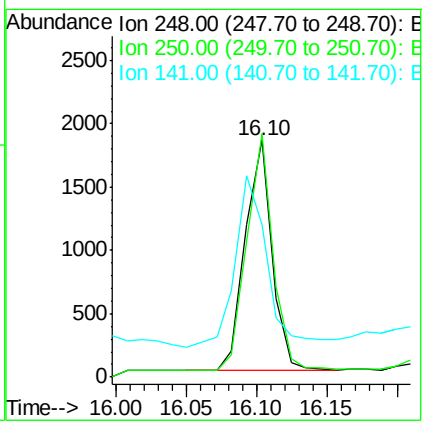


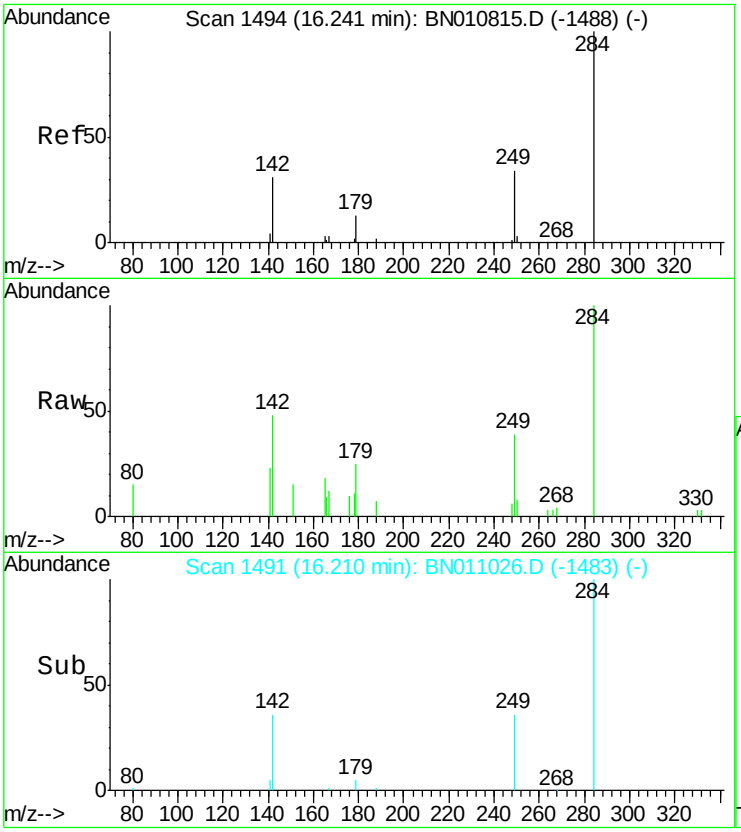


#20
4-Bromophenyl-phenylether
Concen: 0.306 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:248 Resp: 2428

Ion	Ratio	Lower	Upper
248	100		
250	102.9	81.8	122.8
141	64.6	42.6	64.0#



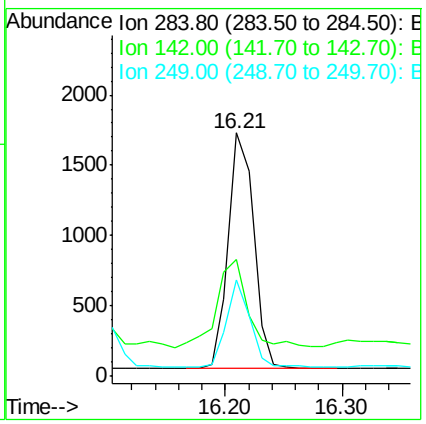


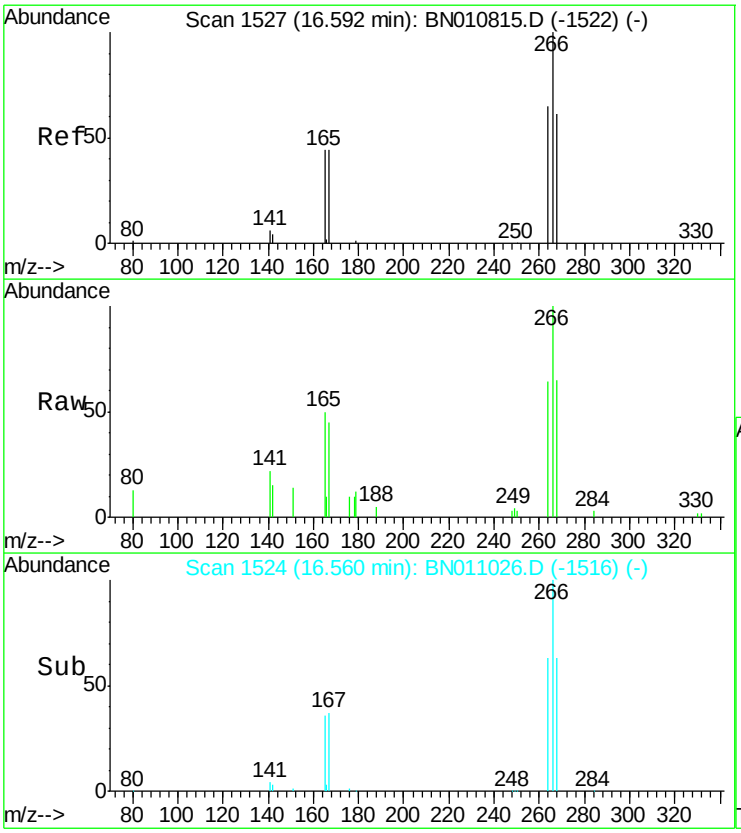
#21
Hexachlorobenzene
Concen: 0.305 ng
RT: 16.21 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:284 Resp: 2524

Ion	Ratio	Lower	Upper
284	100		
142	44.3	31.0	46.4
249	33.9	27.1	40.7

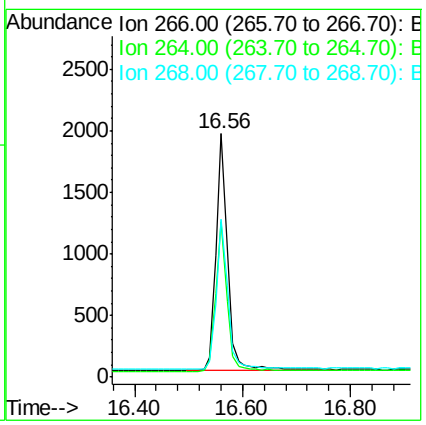


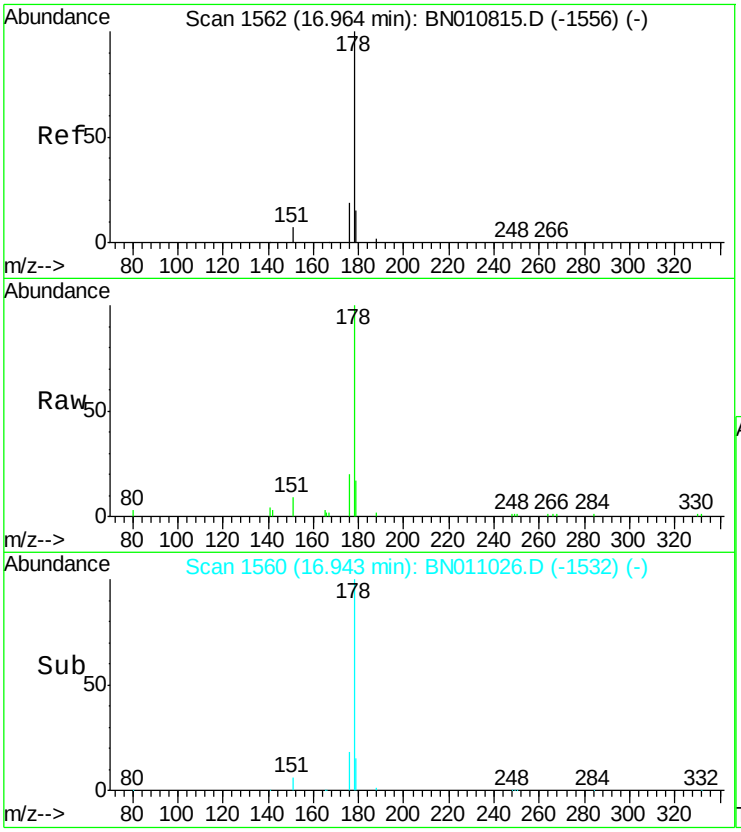


#22
Pentachlorophenol
Concen: 1.052 ng
RT: 16.56 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:266 Resp: 2920

Ion	Ratio	Lower	Upper
266	100		
264	63.9	54.8	82.2
268	65.0	55.9	83.9



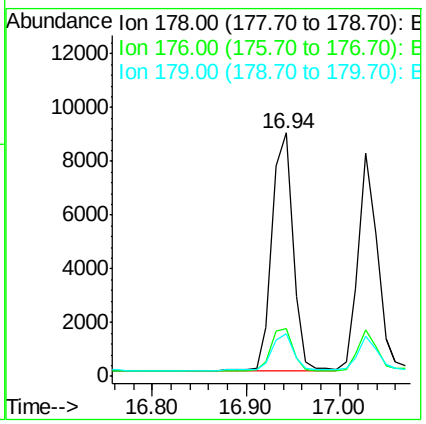


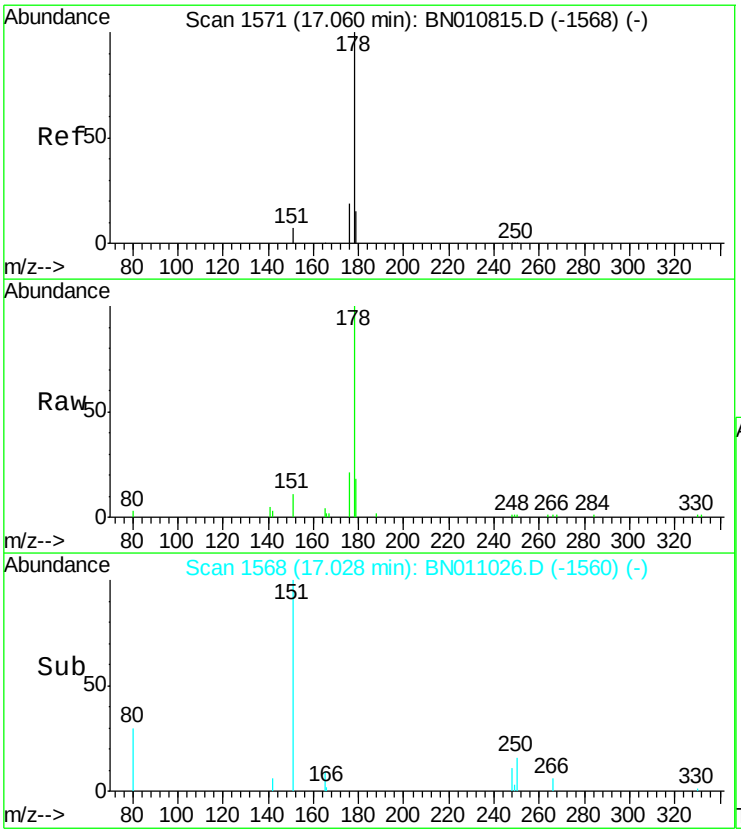
#23
Phenanthrene
Concen: 0.388 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:178 Resp: 13966

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.2	12.6	19.0

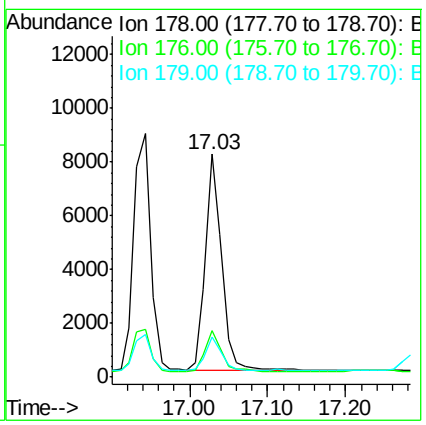


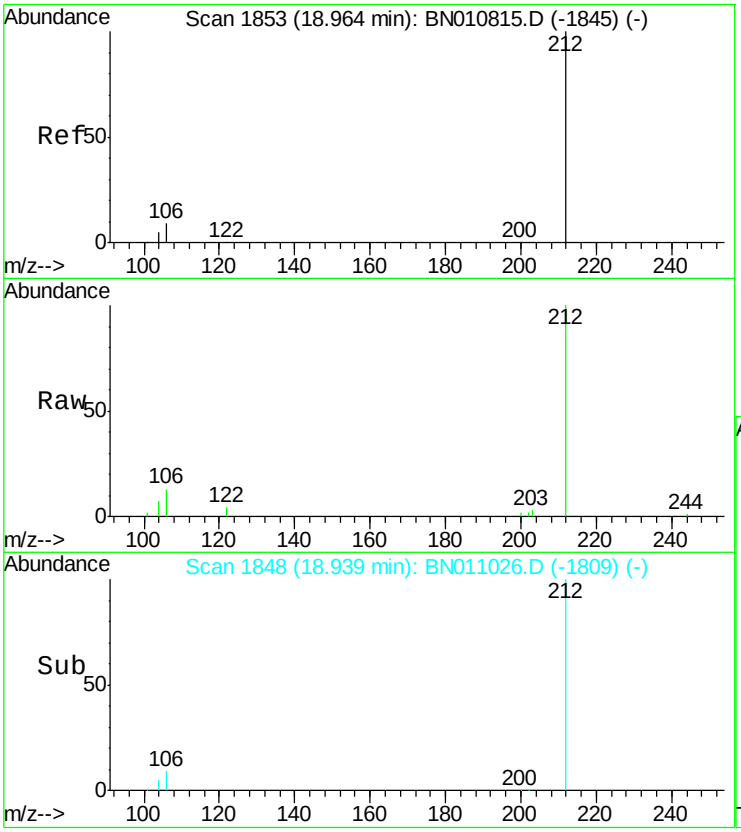


#24
Anthracene
Concen: 0.393 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:178 Resp: 11812

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.6	22.0
179	15.1	12.3	18.5



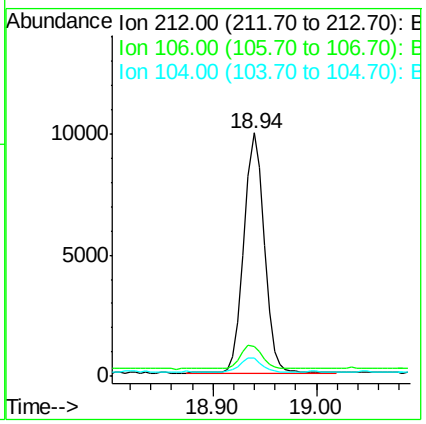


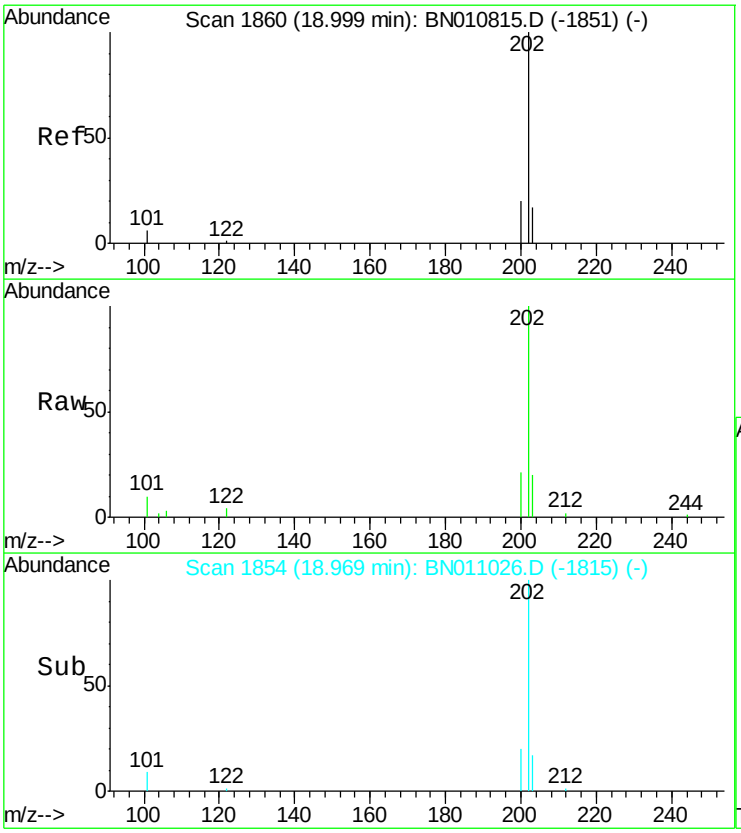
#25
Fluoranthene-d10
Concen: 0.359 ng
RT: 18.94 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:212 Resp: 13080

Ion	Ratio	Lower	Upper
212	100		
106	10.3	6.6	10.0#
104	5.9	4.0	6.0

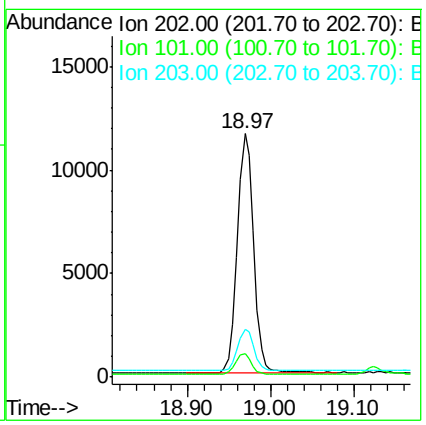


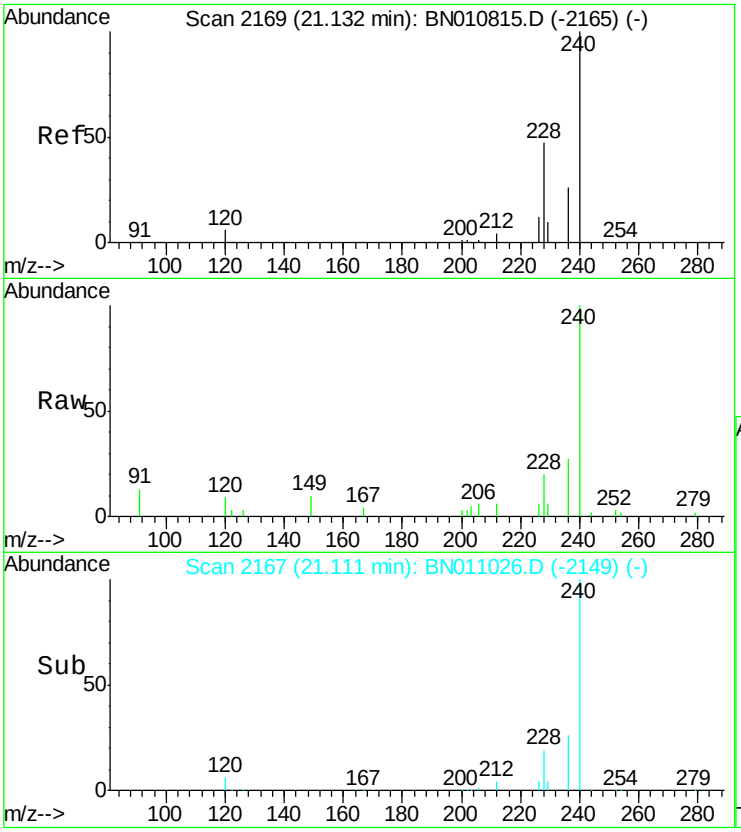


#26
Fluoranthene
Concen: 0.384 ng
RT: 18.97 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:202 Resp: 15718

Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.8	8.6#
203	17.5	13.7	20.5



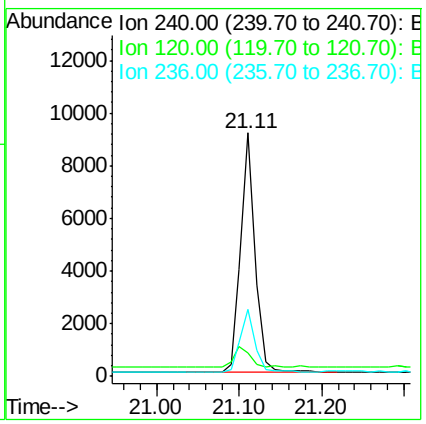


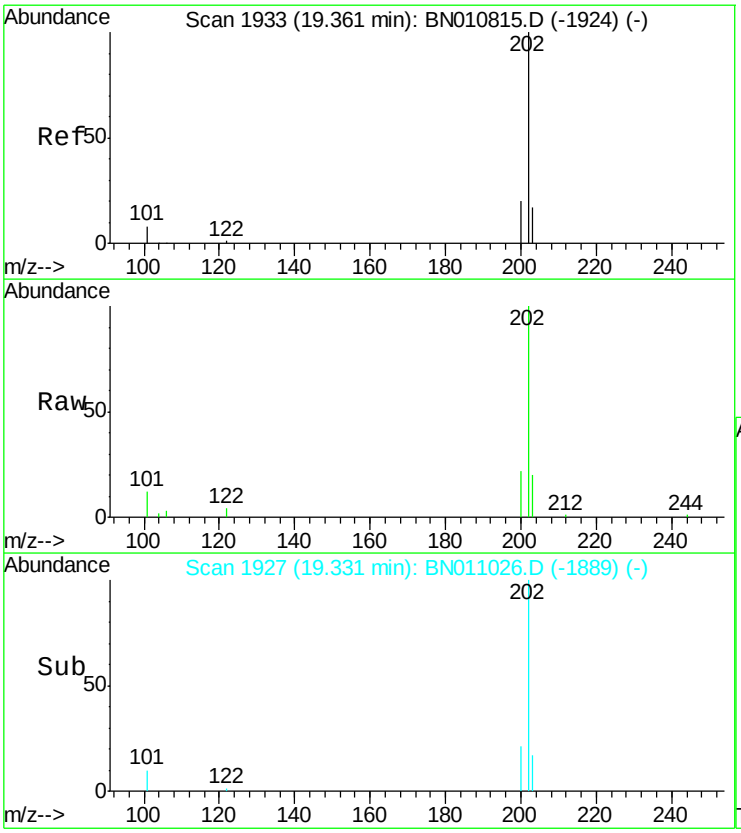
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:240 Resp: 11148

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.5	11.3
236	27.3	22.3	33.5

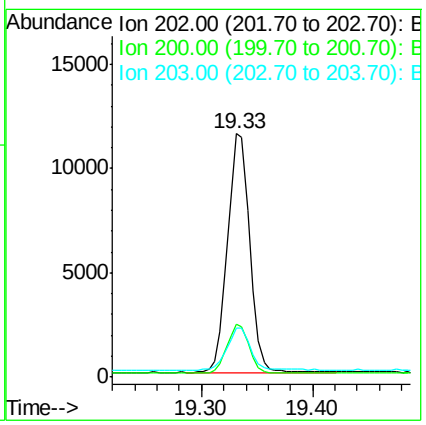


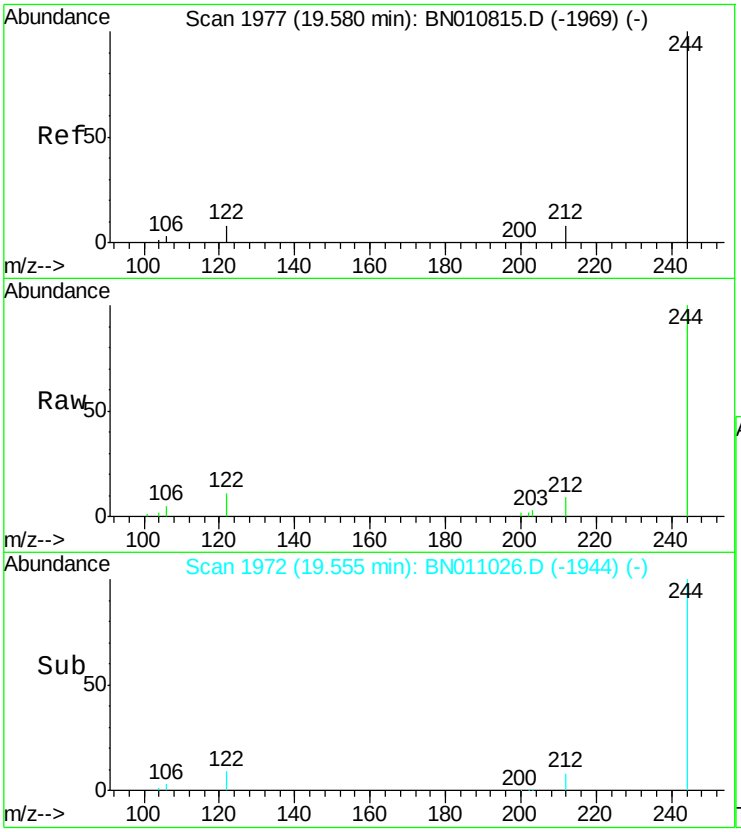


#28
Pyrene
Concen: 0.429 ng
RT: 19.33 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:202 Resp: 15815

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	18.7	14.2	21.4



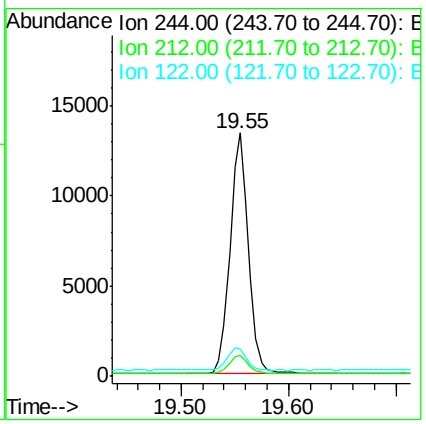


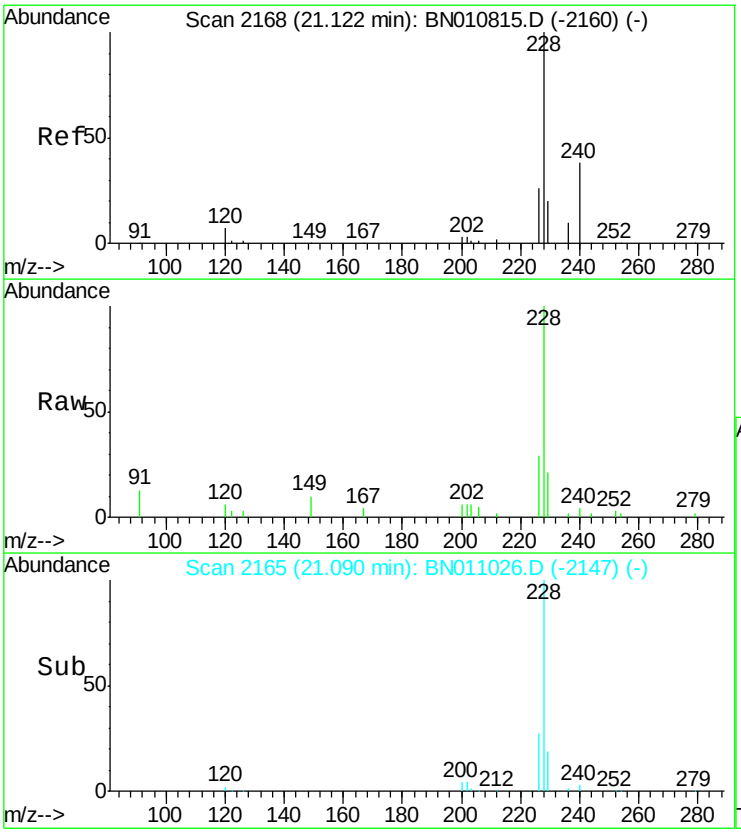
#29
Terphenyl-d14
Concen: 0.608 ng
RT: 19.55 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:244 Resp: 15854

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	11.2	7.5	11.3

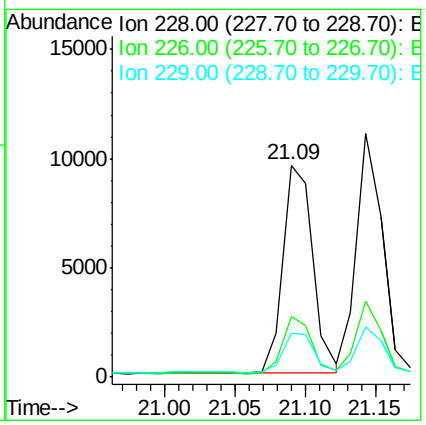


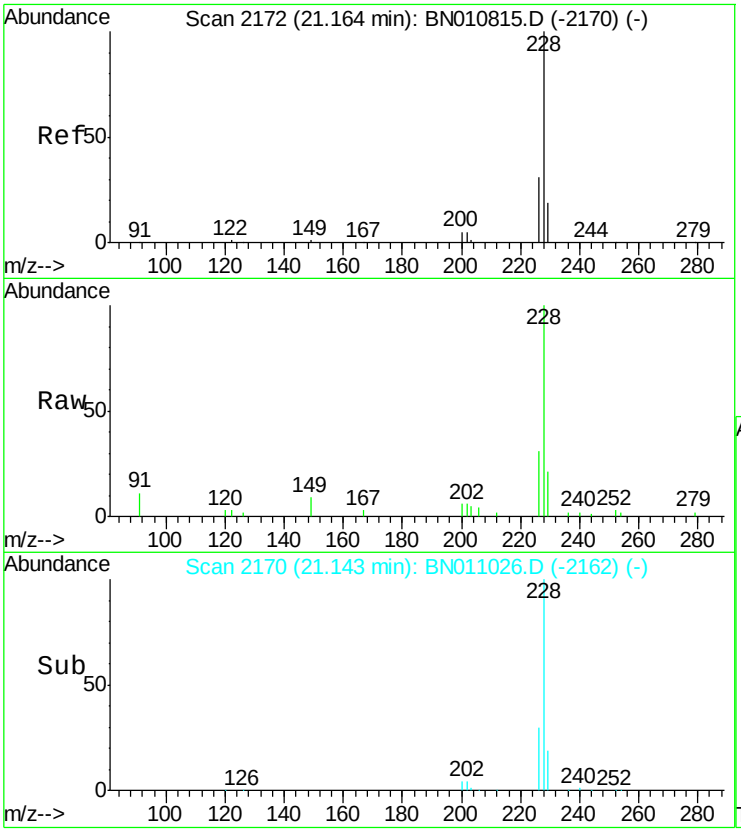


#30
Benzo(a)anthracene
Concen: 0.433 ng
RT: 21.09 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:228 Resp: 14185

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.3	31.9
229	20.6	16.6	24.8



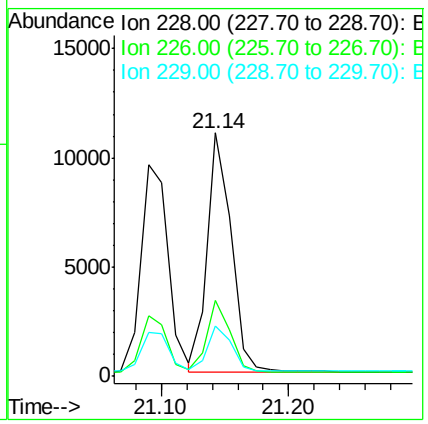


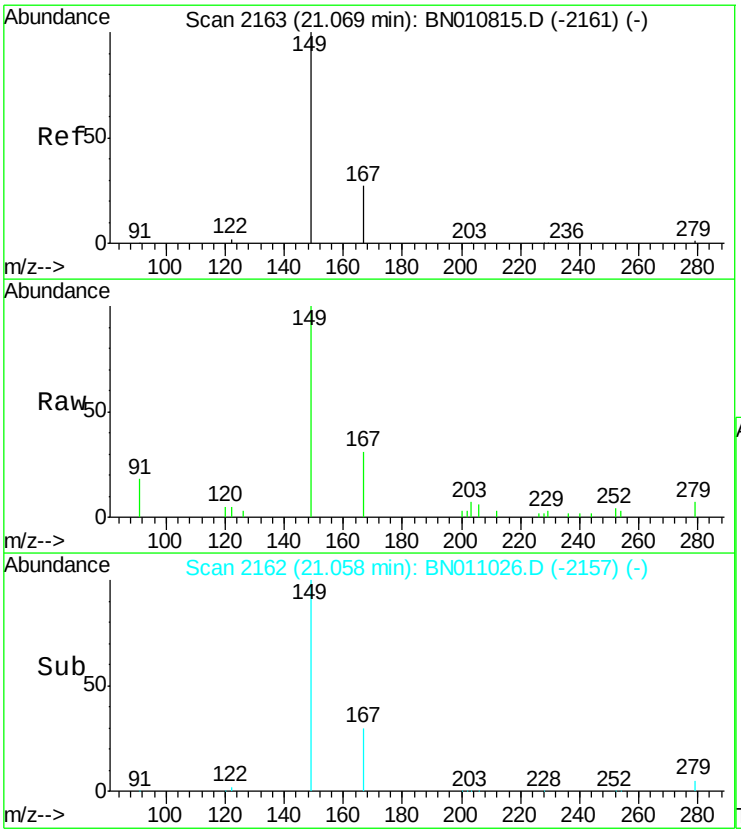
#31
Chrysene
Concen: 0.371 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:228 Resp: 14180

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.8	16.1	24.1

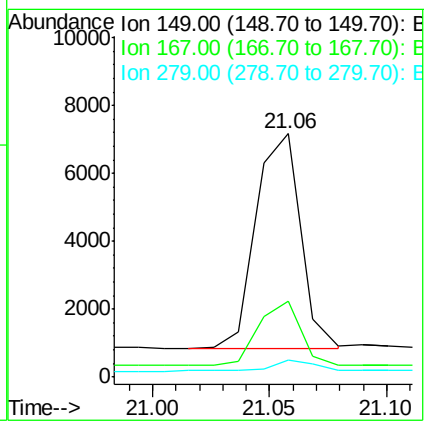


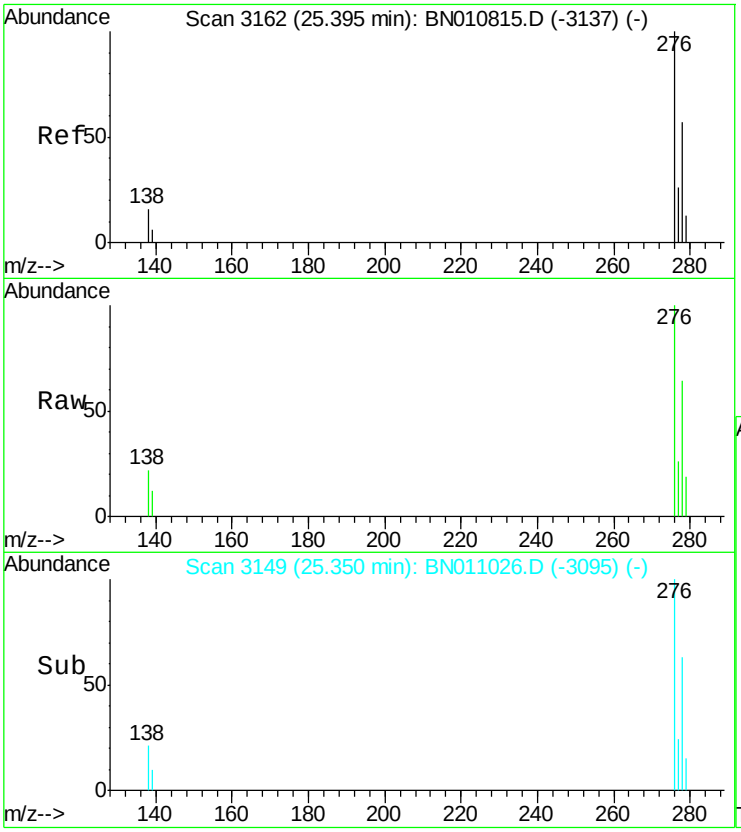


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.769 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:149 Resp: 8397

Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.1	36.1
279	4.6	4.6	7.0#



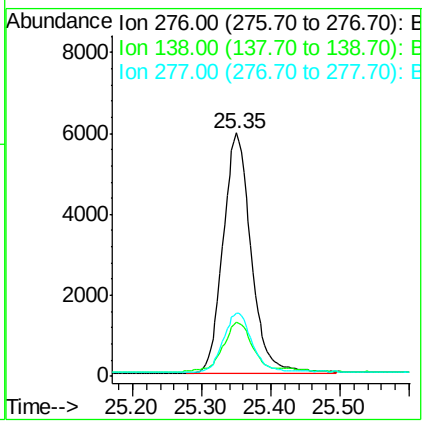


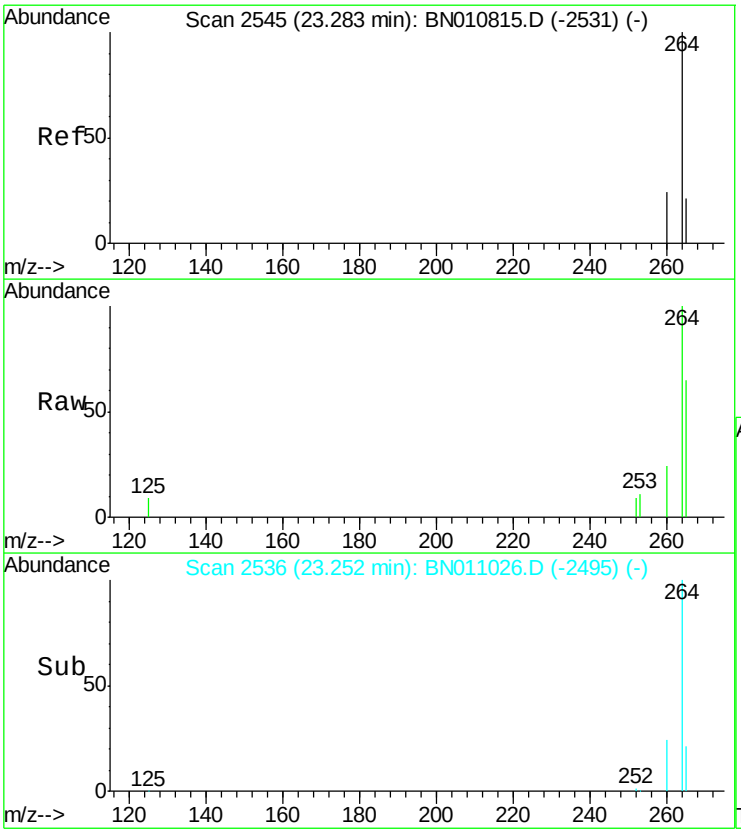
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 25.35 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:276 Resp: 16773

Ion	Ratio	Lower	Upper
276	100		
138	21.9	13.0	19.6#
277	25.2	19.7	29.5

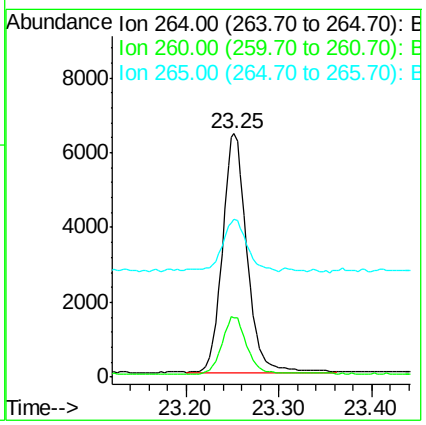


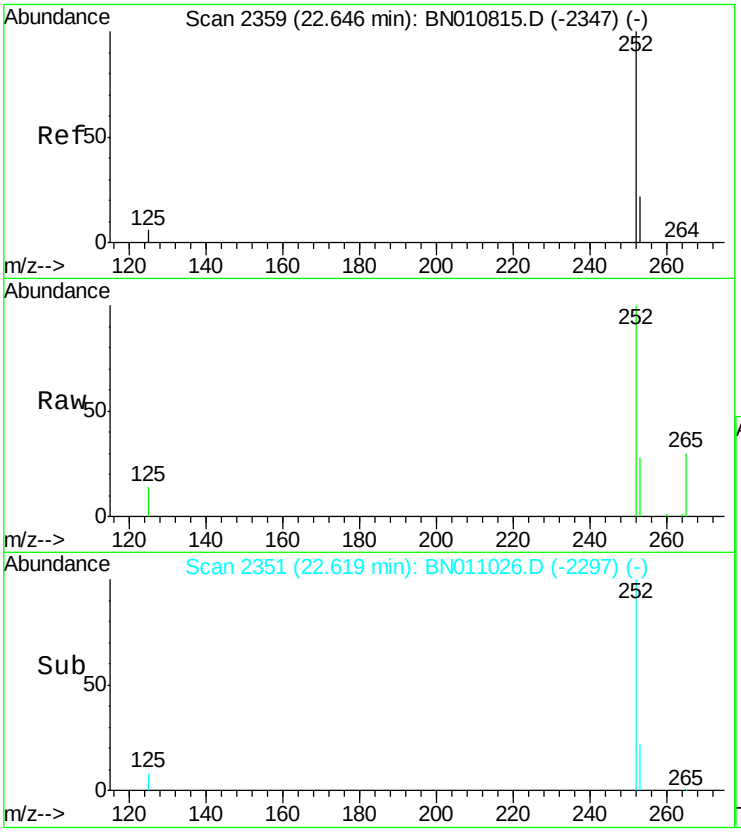


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:264 Resp: 11811

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	64.6	75.0	112.4#



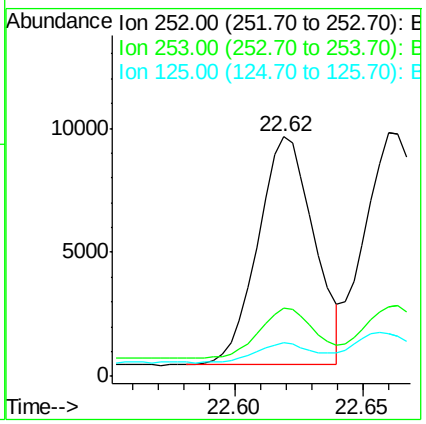


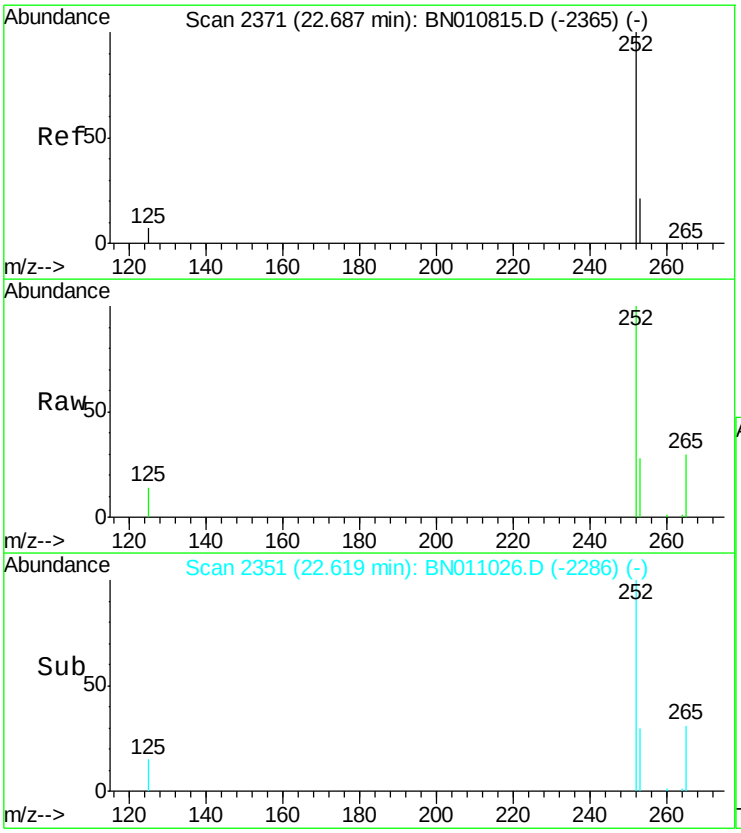
#35
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 22.62 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:252 Resp: 14019

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.4	33.6
125	13.9	9.4	14.0

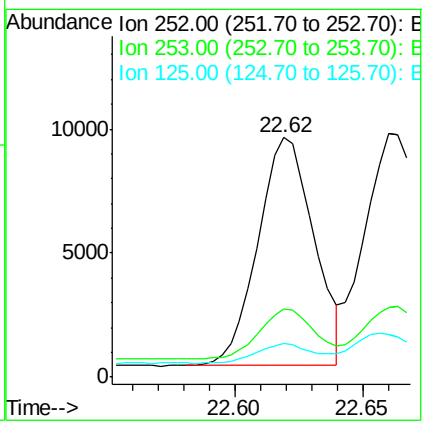


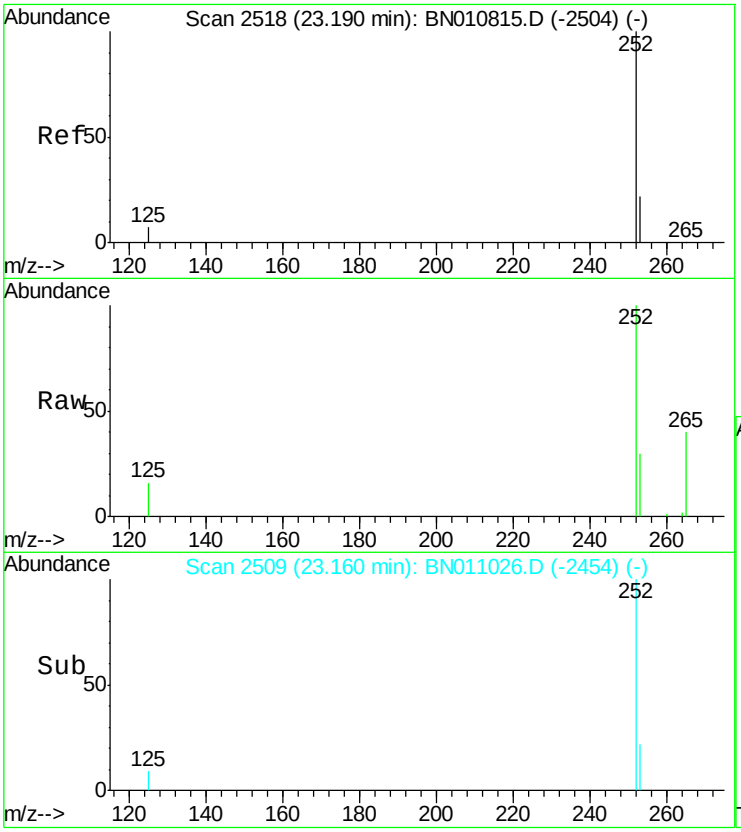


#36
Benzo(k)fluoranthene
Concen: 0.328 ng
RT: 22.62 min Scan# 2351
Delta R.T. -0.05 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:252 Resp: 14019

Ion	Ratio	Lower	Upper
252	100		
253	28.3	22.2	33.4
125	13.9	9.8	14.8



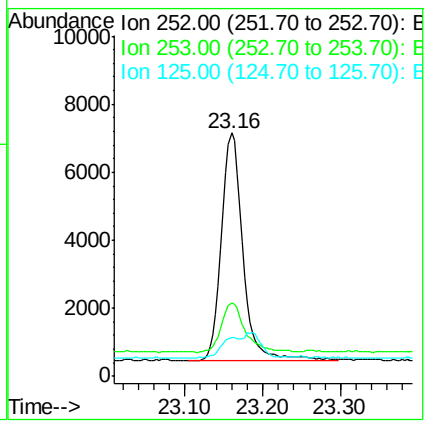


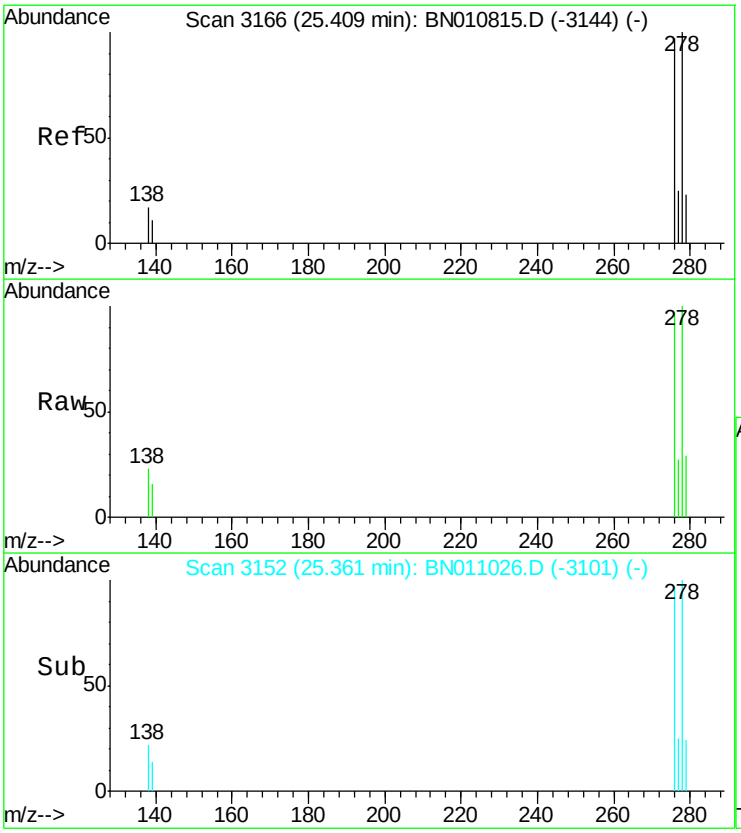
#37
Benzo(a)pyrene
Concen: 0.370 ng
RT: 23.16 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:252 Resp: 12756

Ion	Ratio	Lower	Upper
252	100		
253	30.4	25.8	38.8
125	16.1	12.4	18.6

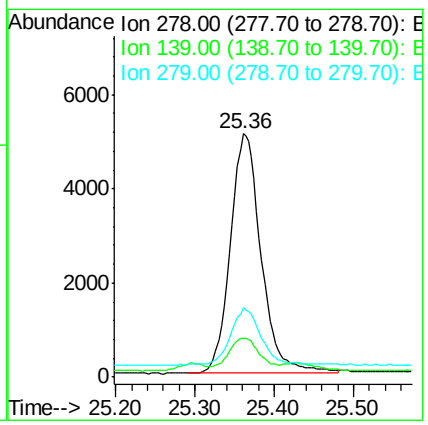


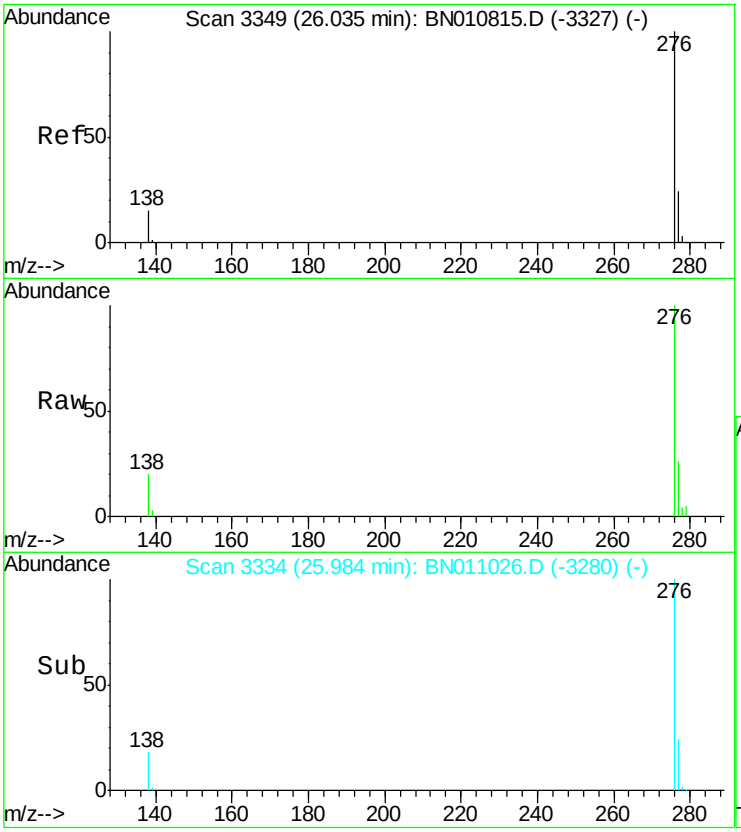


#38
Dibenzo(a,h)anthracene
Concen: 0.351 ng
RT: 25.36 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:278 Resp: 13787

Ion	Ratio	Lower	Upper
278	100		
139	16.2	10.6	15.8#
279	28.8	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 25.98 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:276 Resp: 16024

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.5	30.7
138	20.3	13.7	20.5