Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061820\
Data File : BN010960.D
Acq On : 18 Jun 2020 19:12
Operator : CG/JU
Sample : L3020-21MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-23MS

Quant Time: Jun 18 19:42:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 18 14:14:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2447	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	8897	0.40	ng		0.00
13) Acenaphthene-d10	14.16	164	4902	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	10734	0.40	ng		0.00
27) Chrysene-d12	21.12	240	10255	0.40	ng		0.00
34) Perylene-d12	23.26	264	10923	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	1048	0.22	ng		0.00
5) Phenol-d6	6.74	99	865	0.16	ng		0.00
8) Nitrobenzene-d5	8.67	82	2720	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.88	152	5042	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	1008	0.57	ng		0.00
15) 2-Fluorobiphenyl	12.78	172	9374	0.48	ng		0.00
25) Fluoranthene-d10	18.95	212	11822	0.40	ng		0.00
29) Terphenyl-d14	19.56	244	14304	0.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	347	0.145	ng	#	53
3) n-Nitrosodimethylamine	3.53	42	326	0.234	ng	#	76
6) bis(2-Chloroethyl)ether	6.99	93	1974	0.364	ng		94
9) Naphthalene	10.33	128	7566	0.338	ng		99
10) Hexachlorobutadiene	10.63	225	1430	0.259	ng	#	99
12) 2-Methylnaphthalene	11.96	142	5338	0.357	ng		99
16) Acenaphthylene	13.87	152	7340	0.366	ng		97
17) Acenaphthene	14.21	154	4715	0.344	ng		97
18) Fluorene	15.22	166	6645	0.376	ng		99
20) 4-Bromophenyl-phenylether	16.11	248	2427	0.376	ng		96
21) Hexachlorobenzene	16.22	284	2479	0.368	ng	#	89
22) Pentachlorophenol	16.57	266	2803	1.241	ng		94
23) Phenanthrene	16.95	178	11944	0.407	ng		99
24) Anthracene	17.04	178	10475	0.428	ng		98
26) Fluoranthene	18.98	202	14158	0.425	ng	#	98
28) Pyrene	19.34	202	14390	0.424	ng		99
30) Benzo(a)anthracene	21.10	228	13185	0.437	ng		98
31) Chrysene	21.15	228	12992	0.370	ng		98
32) Bis(2-ethylhexyl)phthalate	21.06	149	6847	0.681	ng		96
33) Indeno(1,2,3-cd)pyrene	25.36	276	14816	0.377	ng	#	96
35) Benzo(b)fluoranthene	22.63	252	13238	0.356	ng		98
36) Benzo(k)fluoranthene	22.63	252	13238	0.335	ng		99
37) Benzo(a)pyrene	23.17	252	11474	0.360	ng		98
38) Dibenzo(a,h)anthracene	25.38	278	12099	0.333	ng		96
39) Benzo(g,h,i)perylene	26.00	276	12929	0.340	ng		96

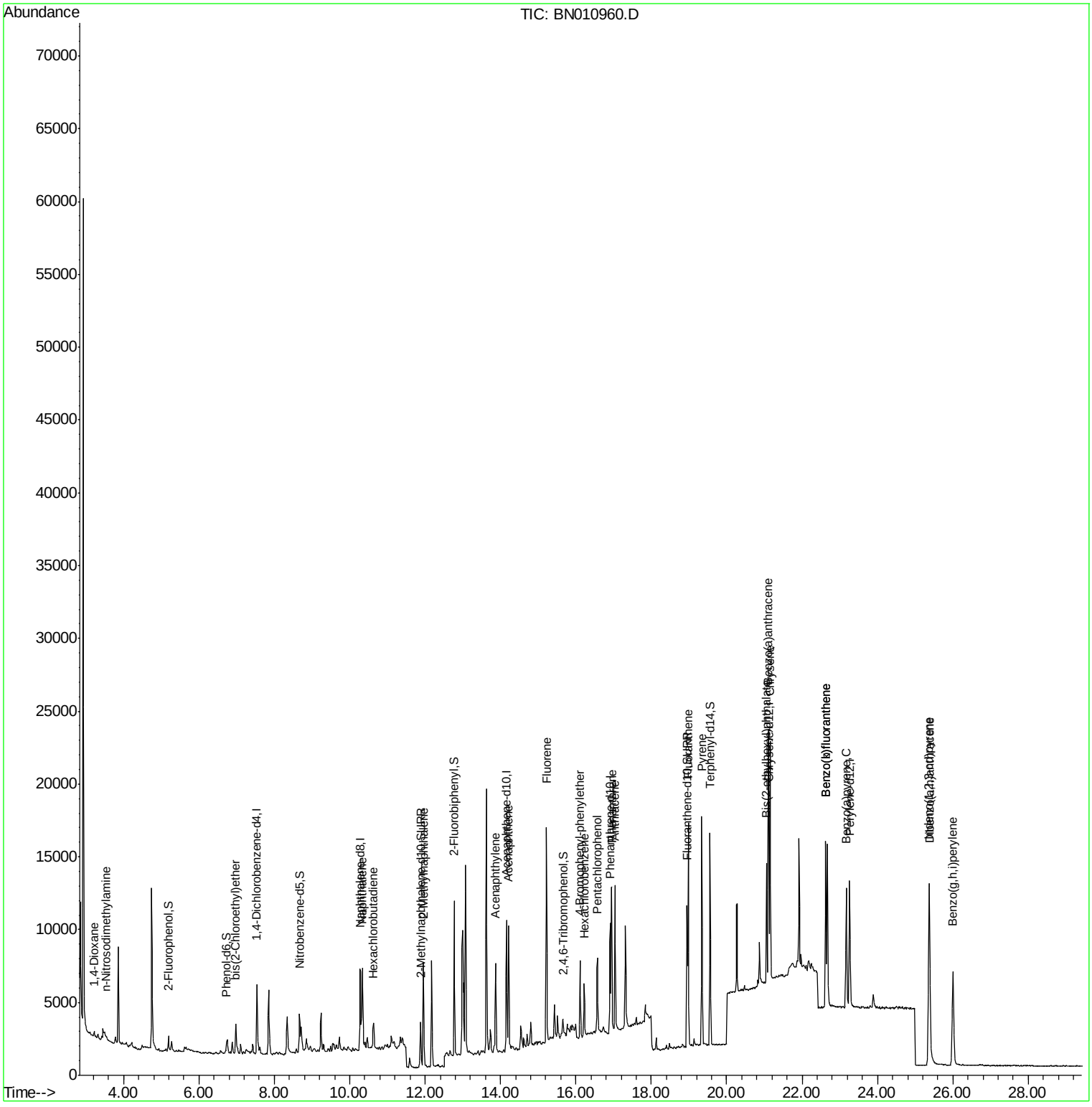
(#) = qualifier out of range (m) = manual integration (+) = signals summed

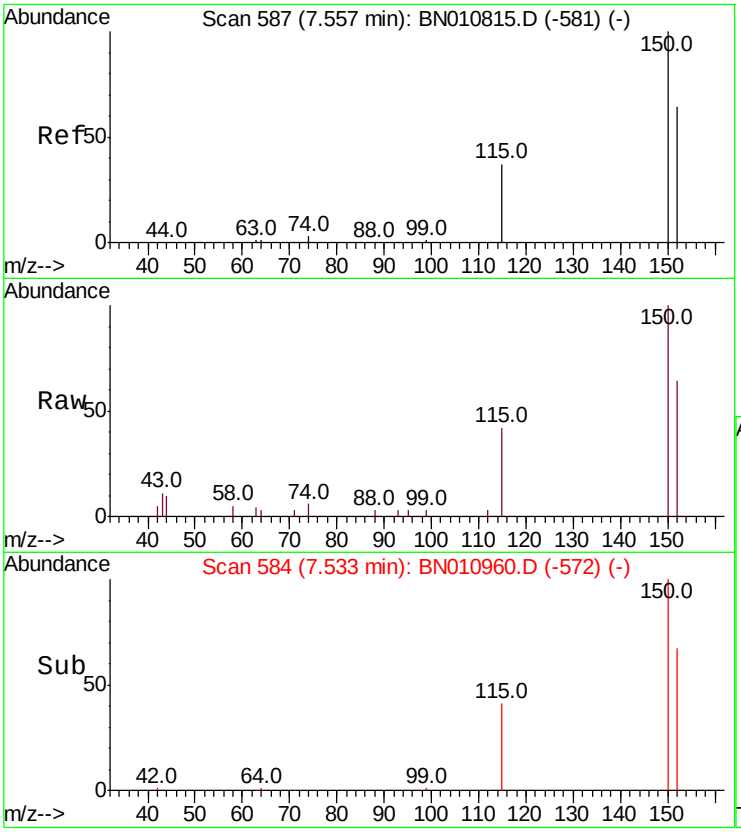
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061820\
Data File : BN010960.D
Acq On : 18 Jun 2020 19:12
Operator : CG/JU
Sample : L3020-21MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Quant Time: Jun 18 19:42:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 18 14:14:42 2020
Response via : Initial Calibration



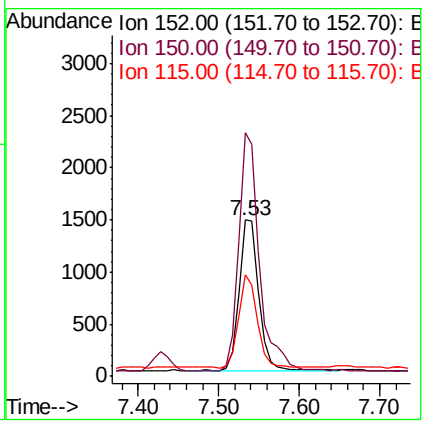


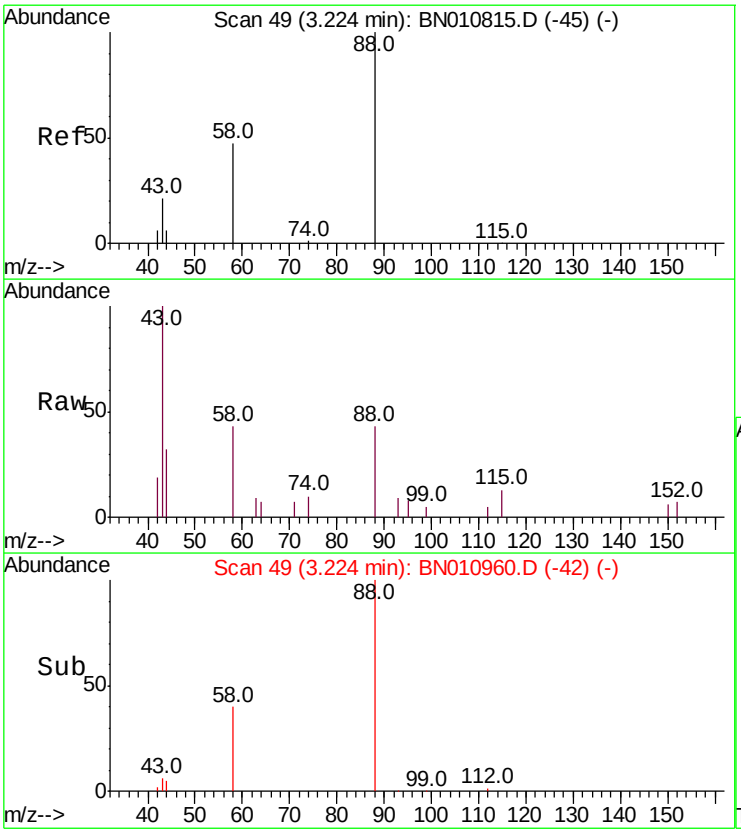
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:152 Resp: 2447

Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.8	185.6
115	65.1	49.2	73.8

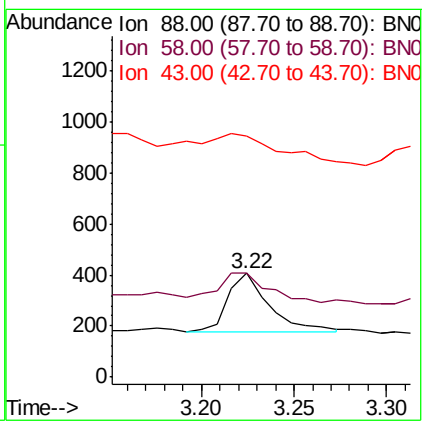


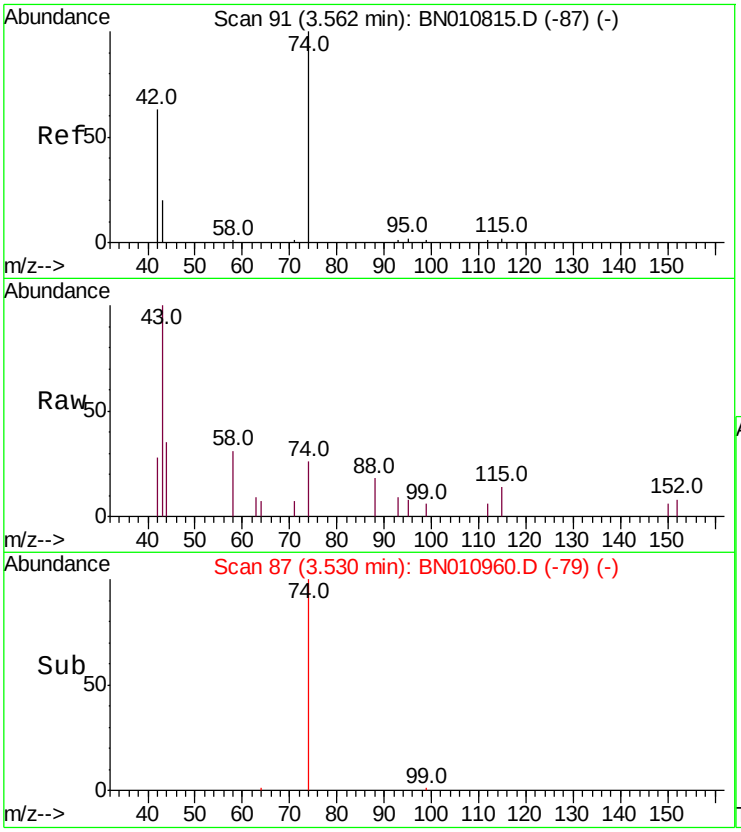


#2
1,4-Dioxane
Concen: 0.145 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion: 88 Resp: 347

Ion	Ratio	Lower	Upper
88	100		
58	57.6	38.2	57.4#
43	77.5	15.1	22.7#



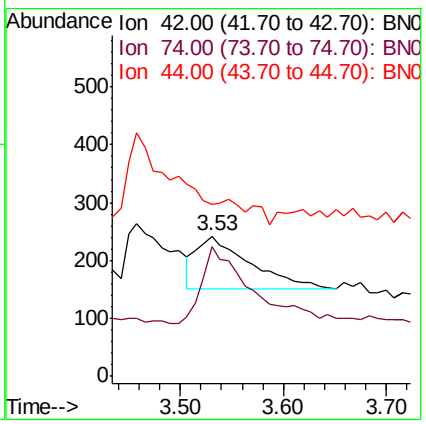


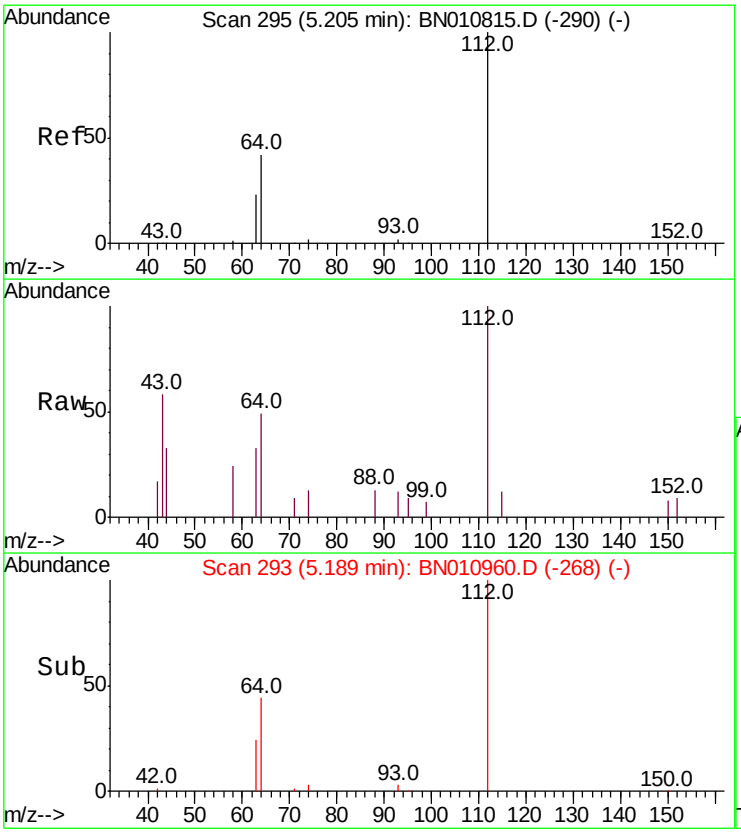
#3
n-Nitrosodimethylamine
Concen: 0.234 ng
RT: 3.53 min Scan# 87
Delta R.T. -0.03 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion: 42 Resp: 326

Ion	Ratio	Lower	Upper
42	100		
74	141.7	140.7	211.1
44	0.0	1.4	2.2#

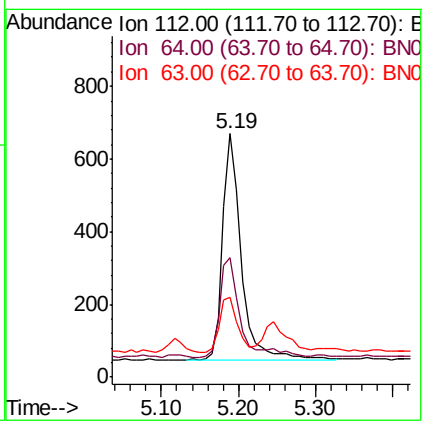


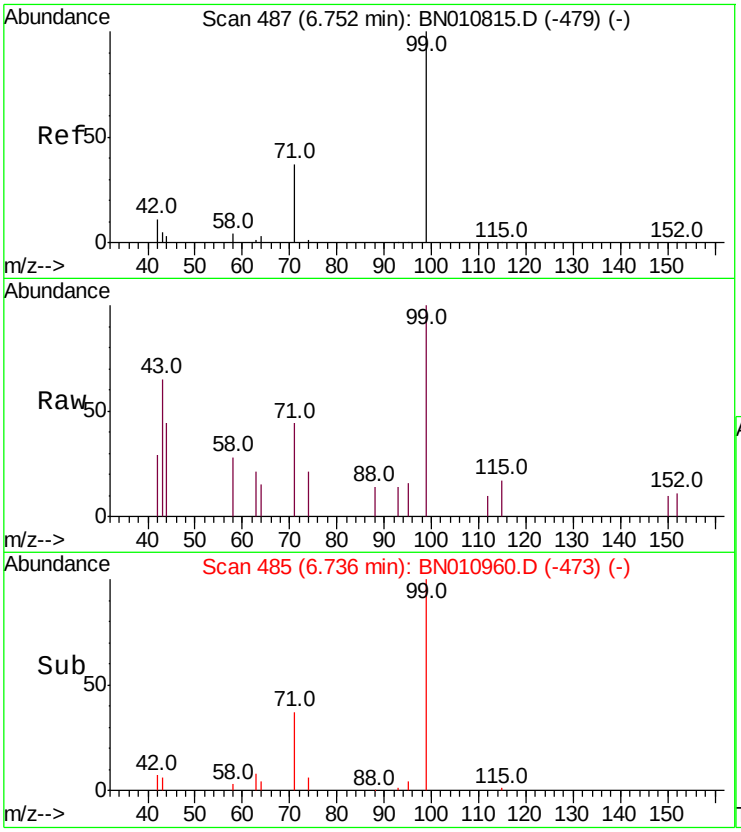


#4
2-Fluorophenol
Concen: 0.222 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:112 Resp: 1048

Ion	Ratio	Lower	Upper
112	100		
64	49.3	37.4	56.0
63	23.5	22.2	33.4



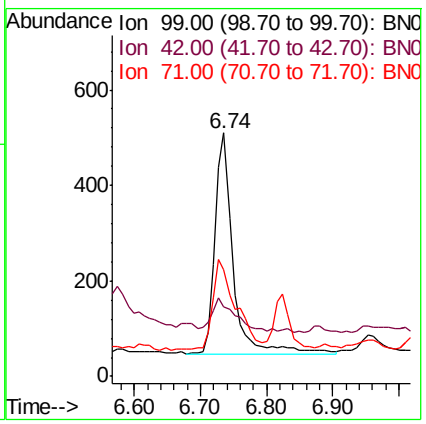


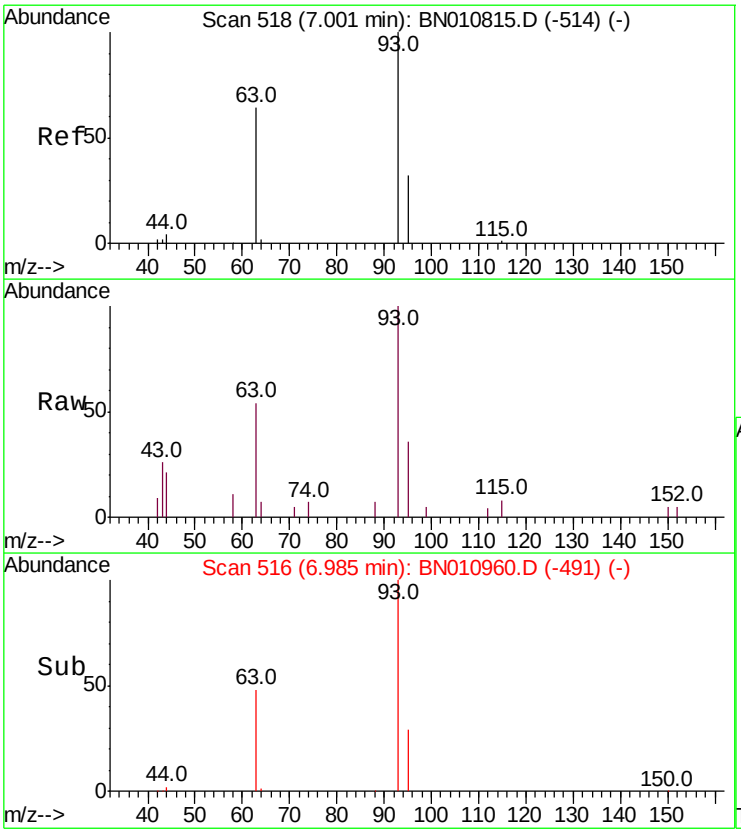
#5
Phenol-d6
Concen: 0.155 ng
RT: 6.74 min Scan# 485
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion: 99 Resp: 865

Ion	Ratio	Lower	Upper
99	100		
42	18.6	11.1	16.7#
71	53.9	31.4	47.2#

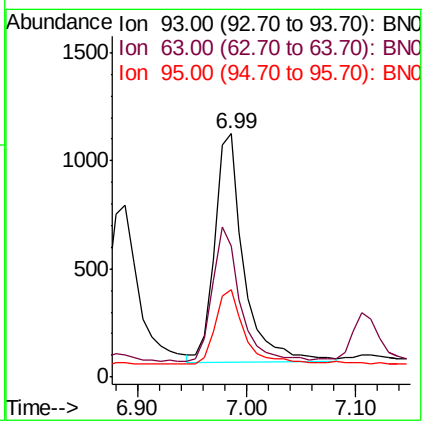


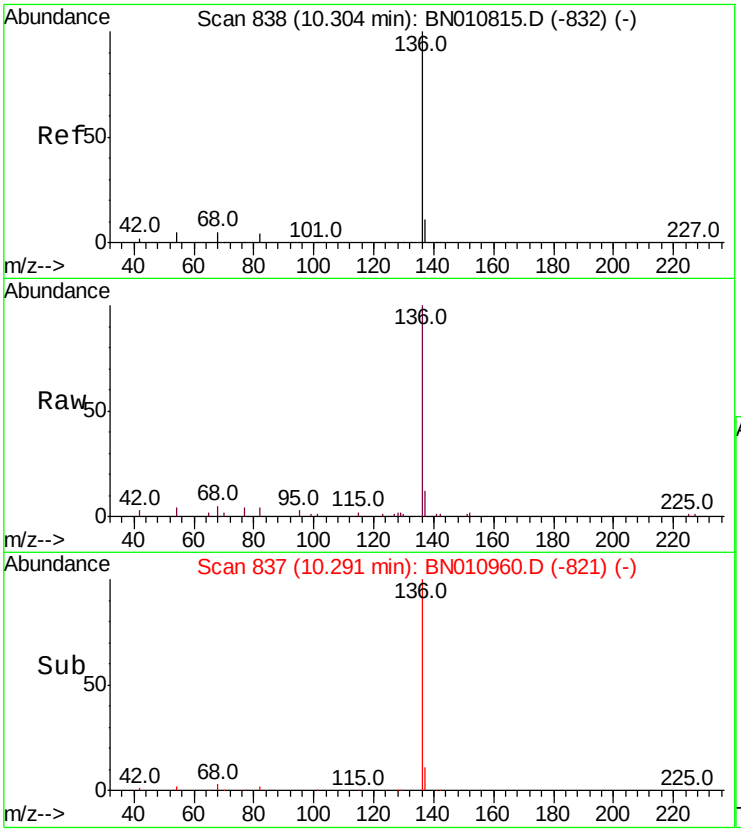


#6
bis(2-Chloroethyl)ether
Concen: 0.364 ng
RT: 6.99 min Scan# 516
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion: 93 Resp: 1974

Ion	Ratio	Lower	Upper
93	100		
63	55.2	49.4	74.2
95	33.0	26.7	40.1



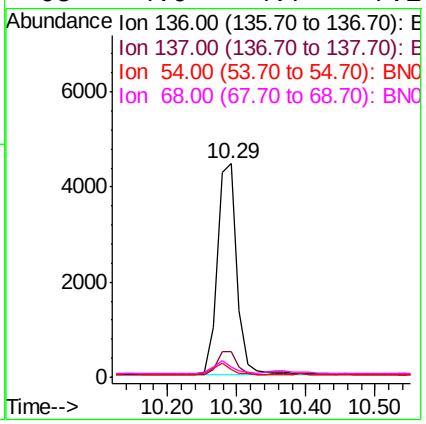


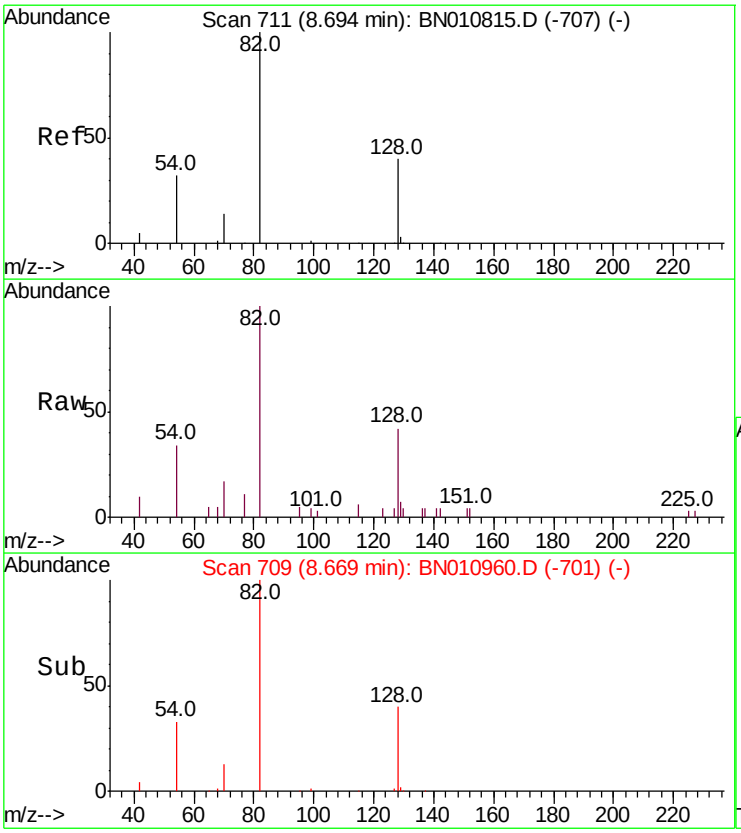
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:136 Resp: 8897

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

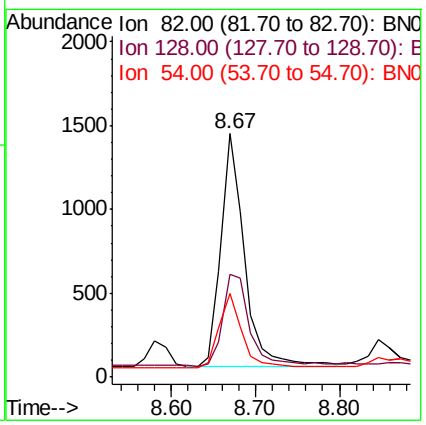


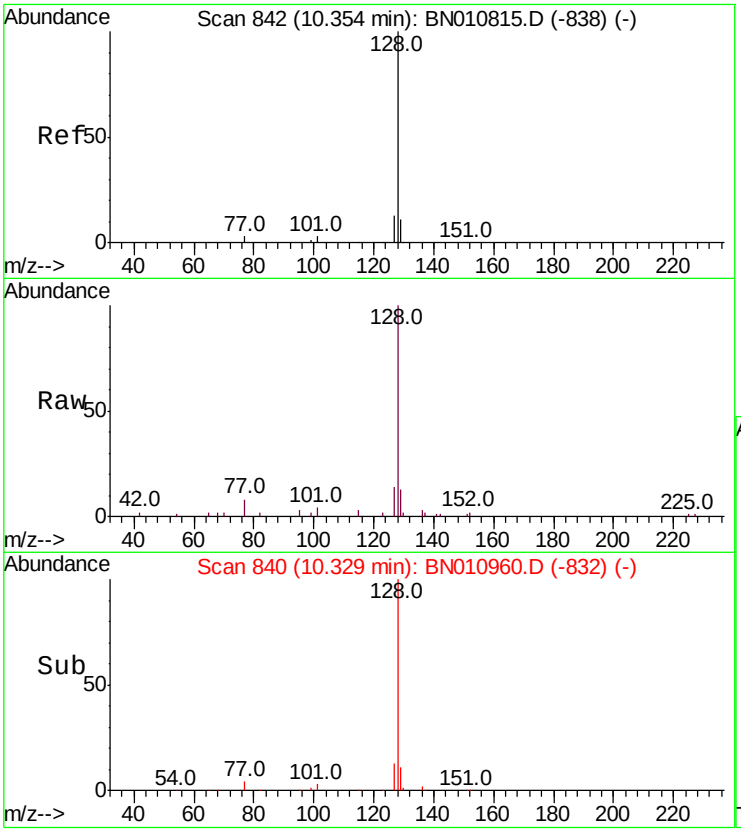


#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 8.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion: 82 Resp: 2720

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.4	53.0
54	34.3	28.2	42.4



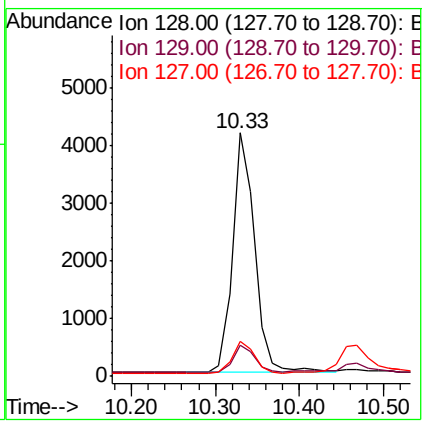


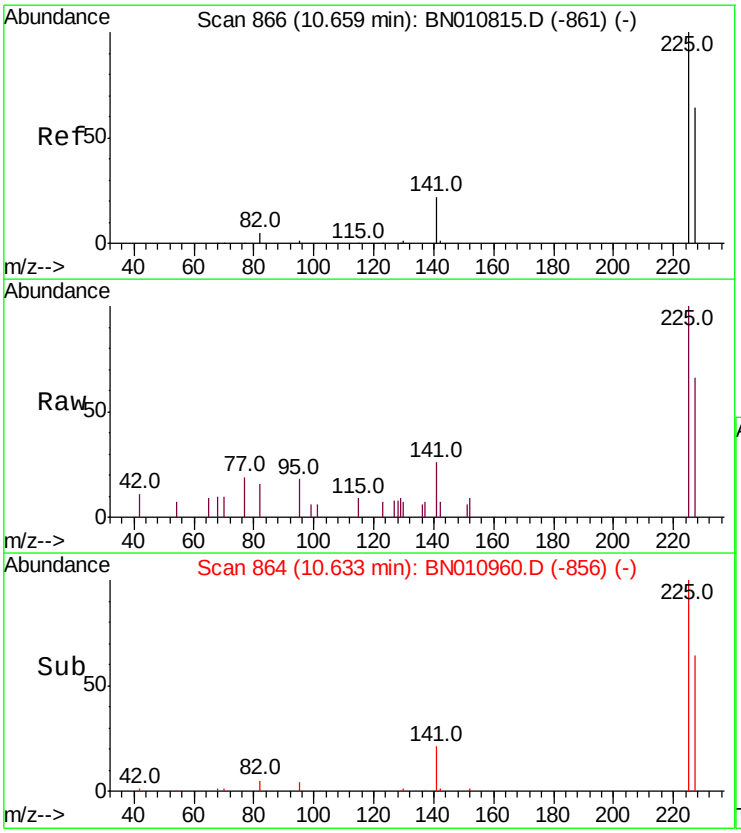
#9
Naphthalene
Concen: 0.338 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:128 Resp: 7566

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.6	14.4
127	14.4	11.4	17.2

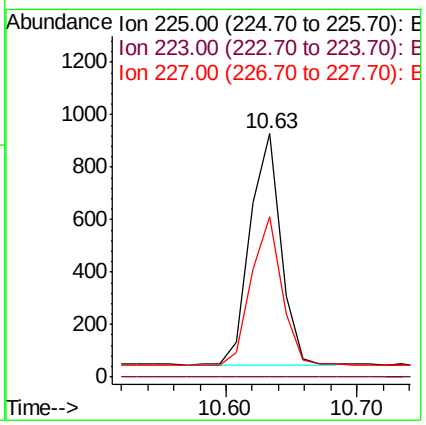


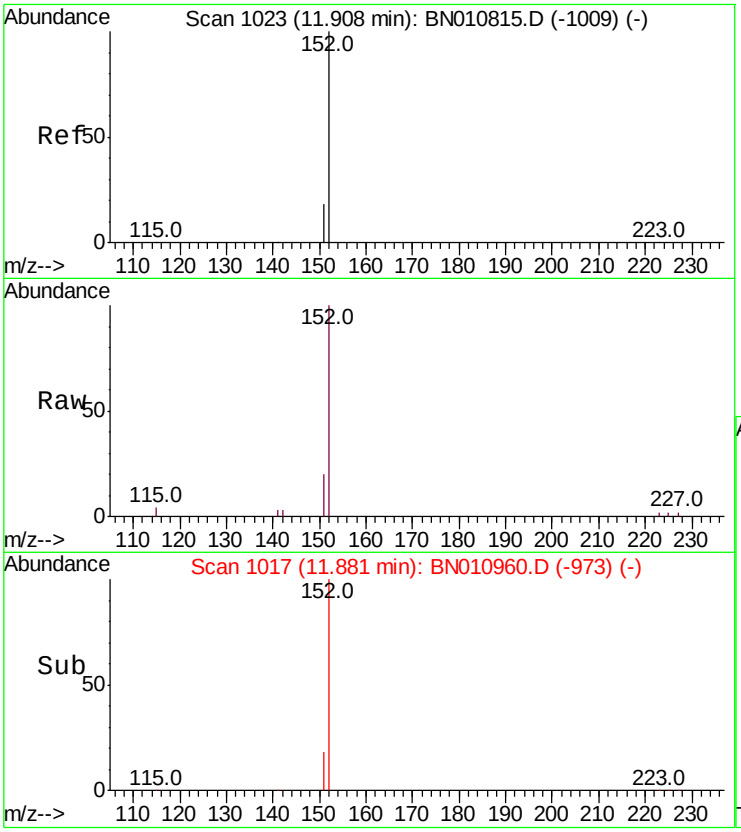


#10
Hexachlorobutadiene
Concen: 0.259 ng
RT: 10.63 min Scan# 864
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:225 Resp: 1430

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



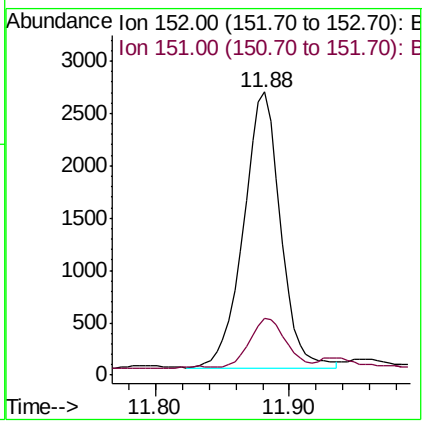


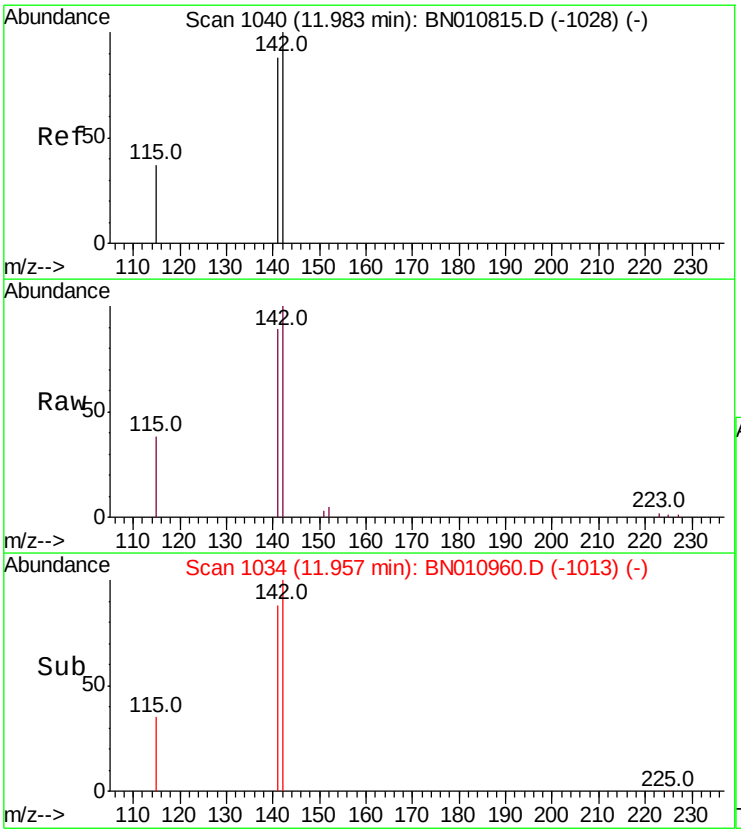
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 11.88 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:152 Resp: 5042

Ion	Ratio	Lower	Upper
152	100		
151	17.5	15.3	22.9

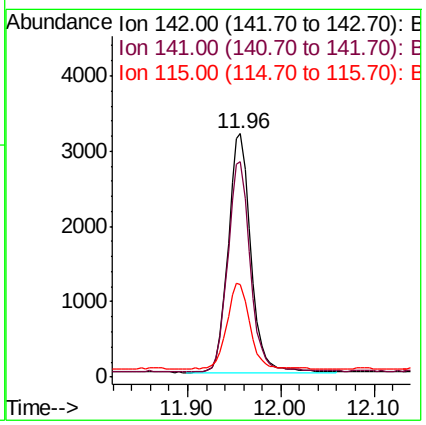


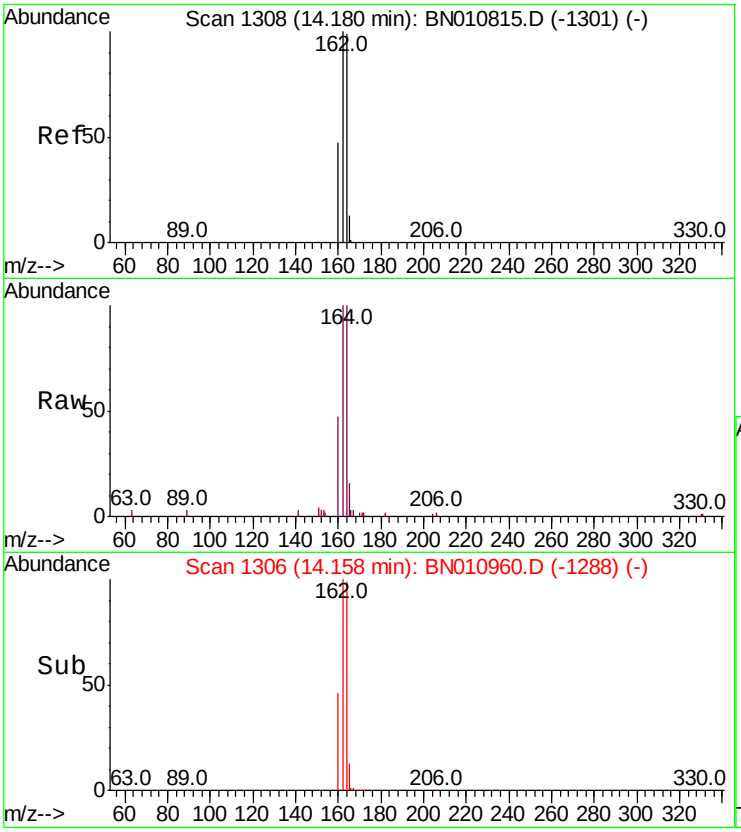


#12
2-Methylnaphthalene
Concen: 0.357 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:142 Resp: 5338

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	37.8	31.5	47.3



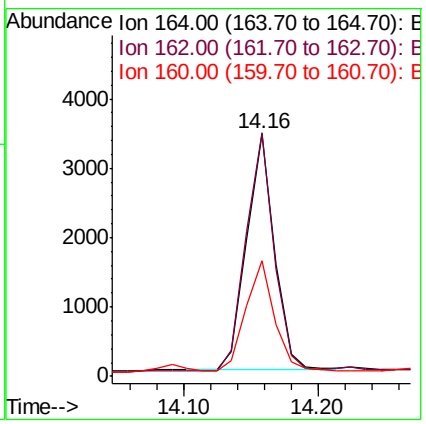


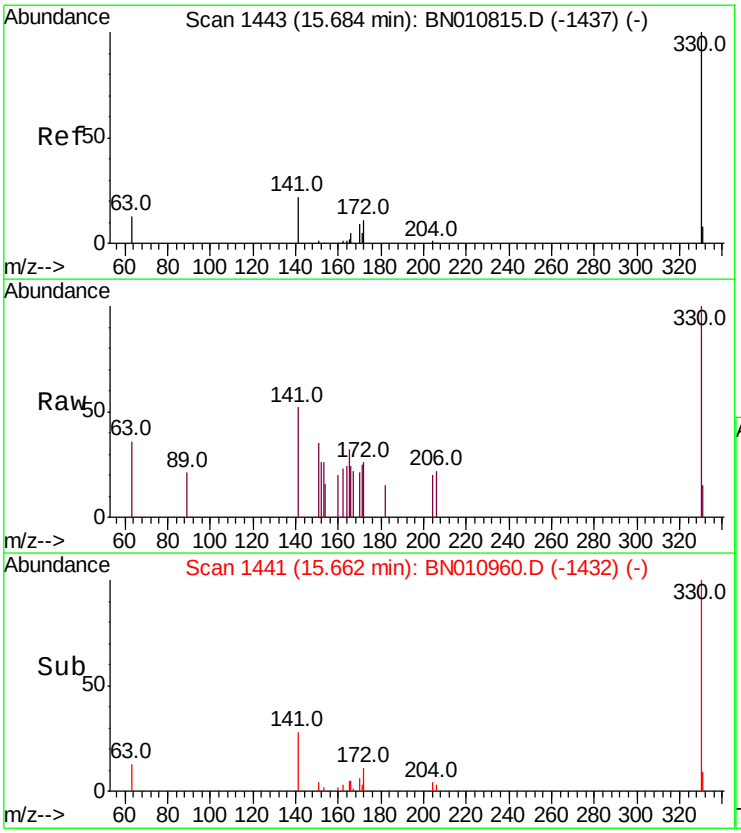
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:164 Resp: 4902

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.0	121.6
160	47.5	38.9	58.3

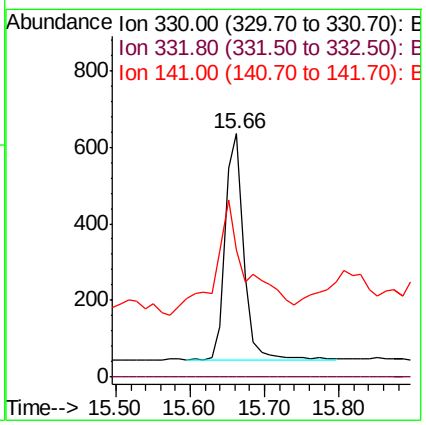


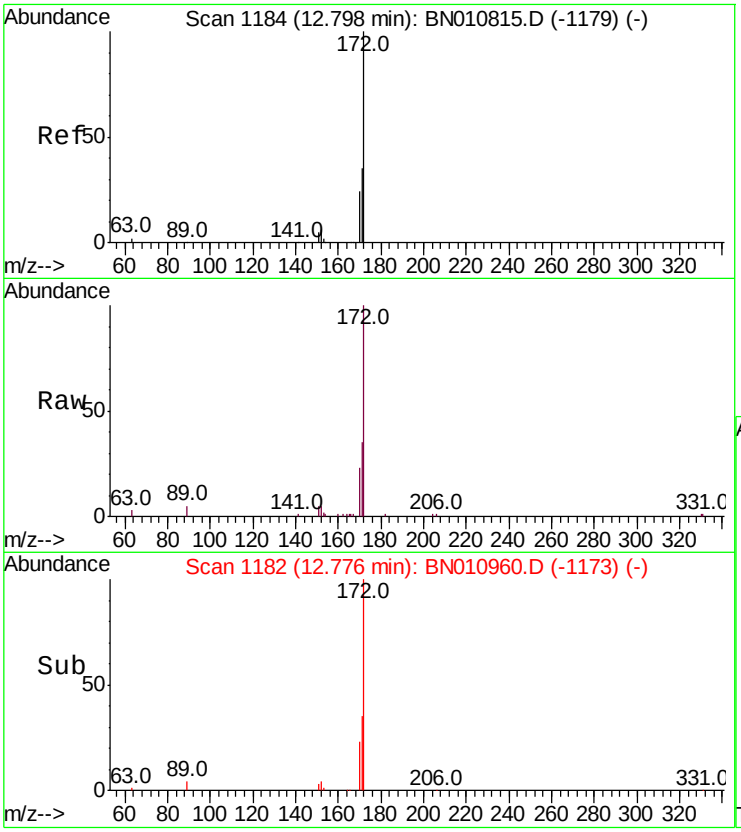


#14
2,4,6-Tribromophenol
Concen: 0.575 ng
RT: 15.66 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:330 Resp: 1008

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	66.8	33.2	49.8#



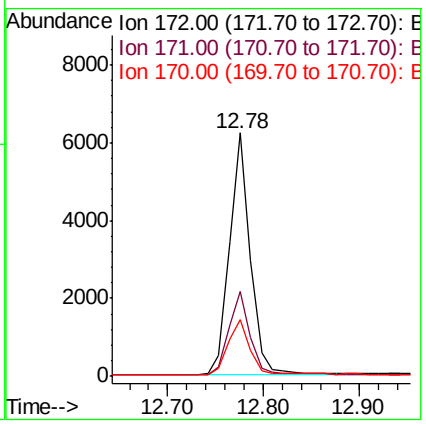


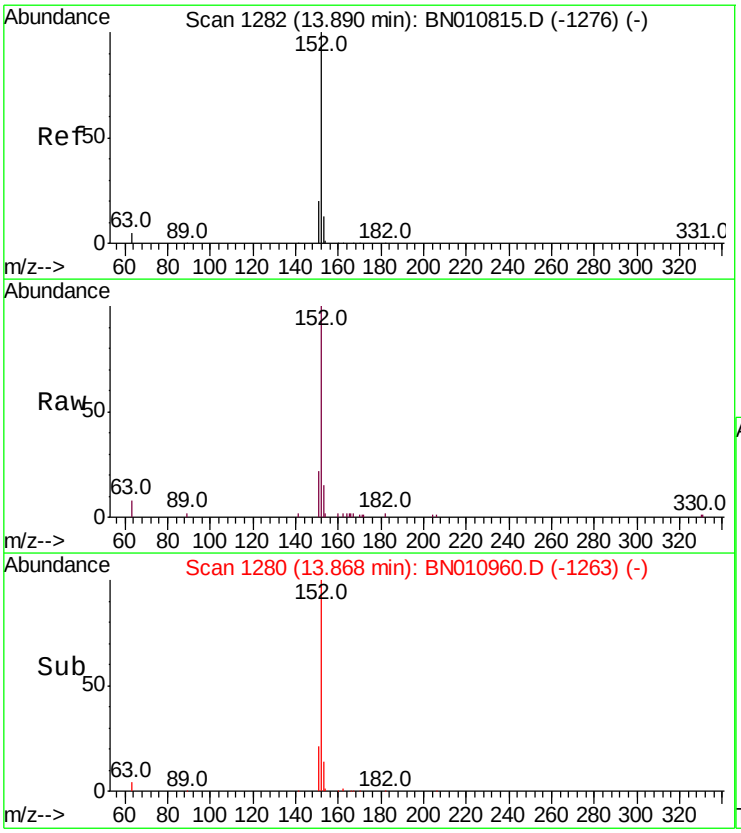
#15
2-Fluorobiphenyl
Concen: 0.485 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:172 Resp: 9374

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.1	19.7	29.5

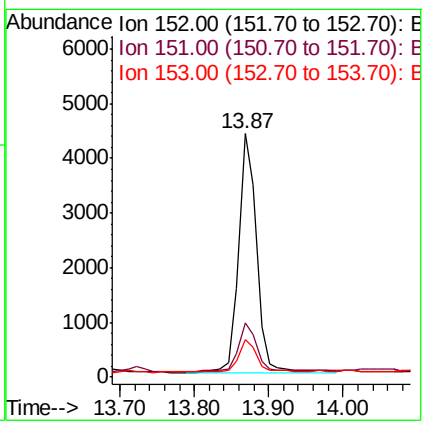


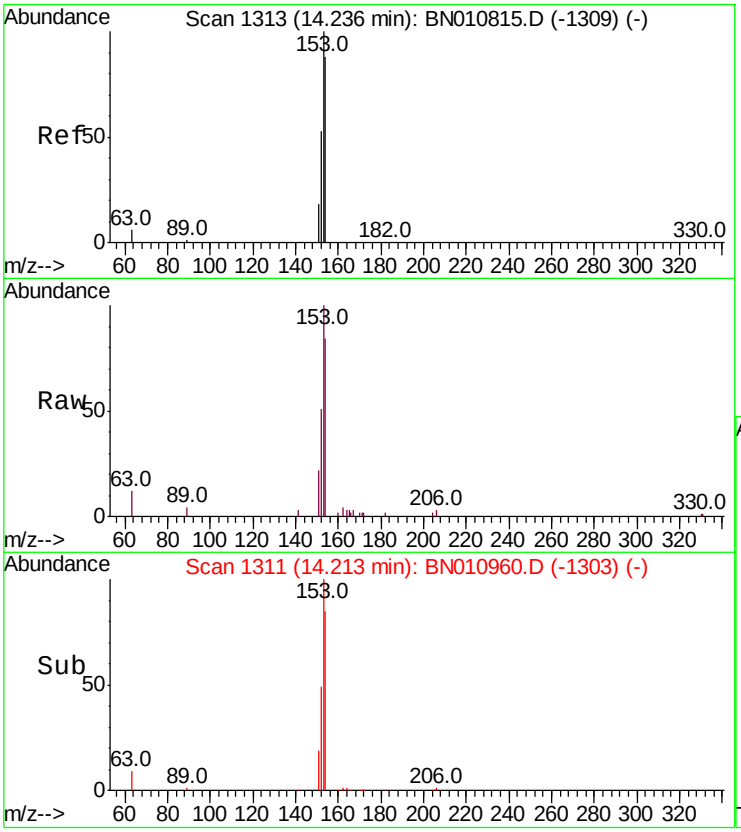


#16
Acenaphthylene
Concen: 0.366 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:152 Resp: 7340

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.6	23.4
153	14.8	10.6	16.0



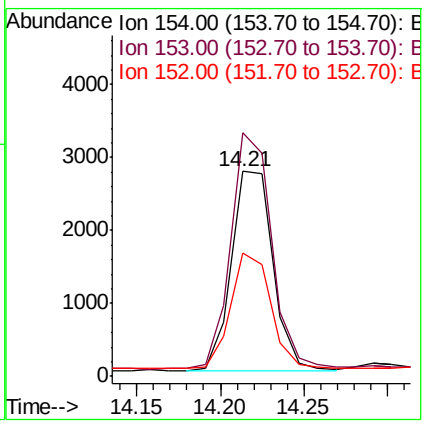


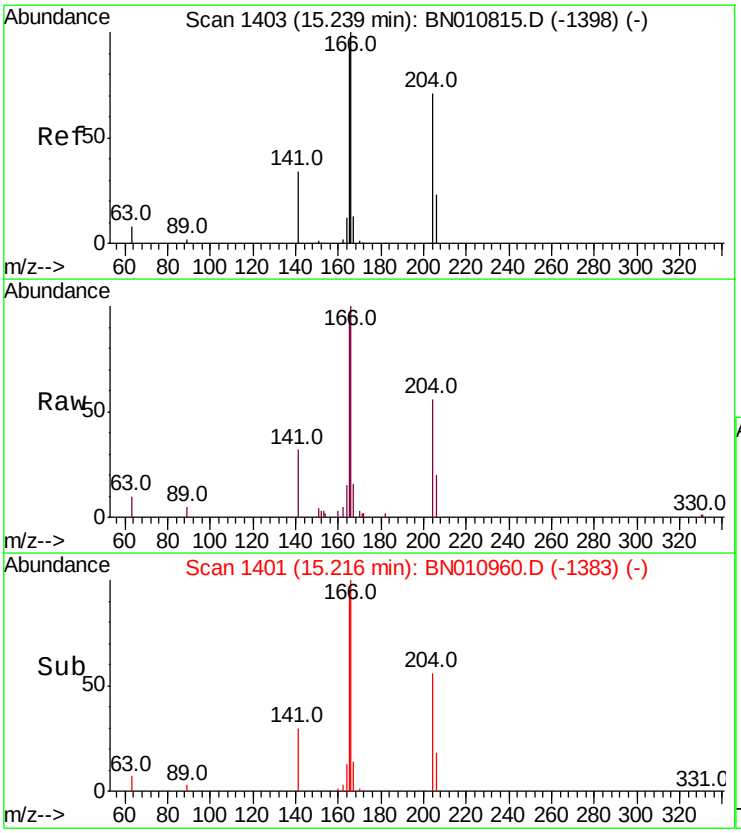
#17
Acenaphthene
Concen: 0.344 ng
RT: 14.21 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:154 Resp: 4715

Ion	Ratio	Lower	Upper
154	100		
153	117.9	91.8	137.6
152	56.3	47.6	71.4

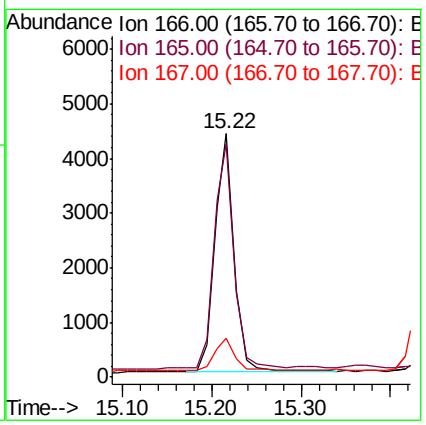


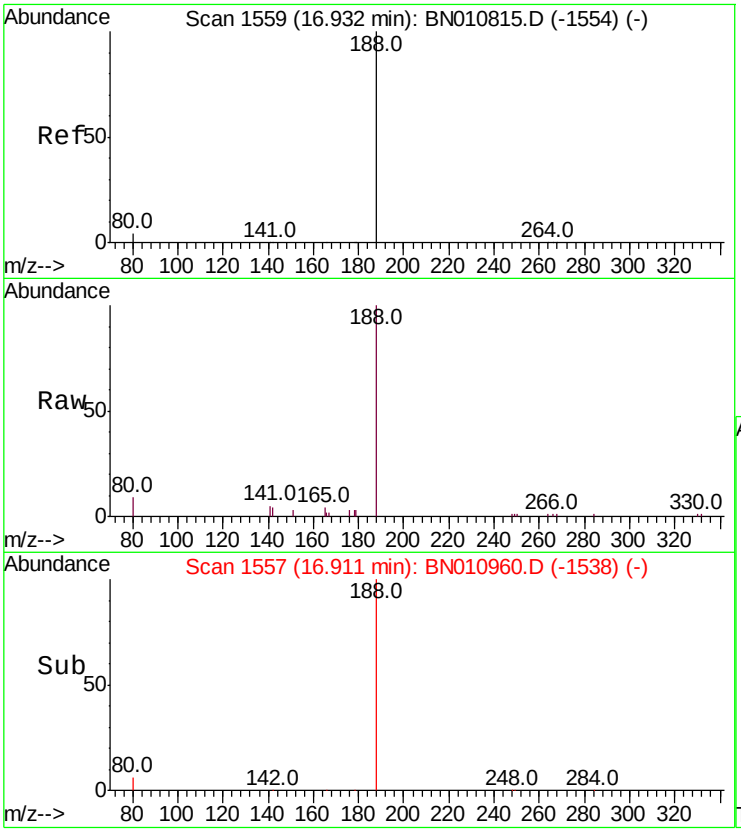


#18
Fluorene
Concen: 0.376 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:166 Resp: 6645

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.2	115.8
167	14.6	10.7	16.1



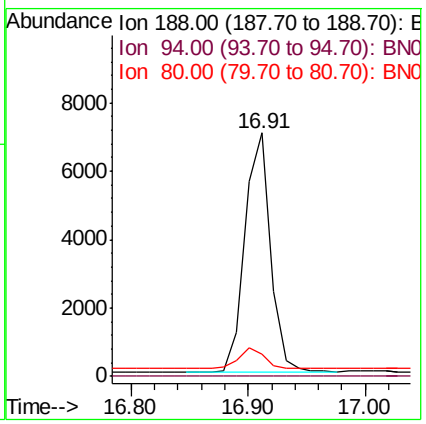


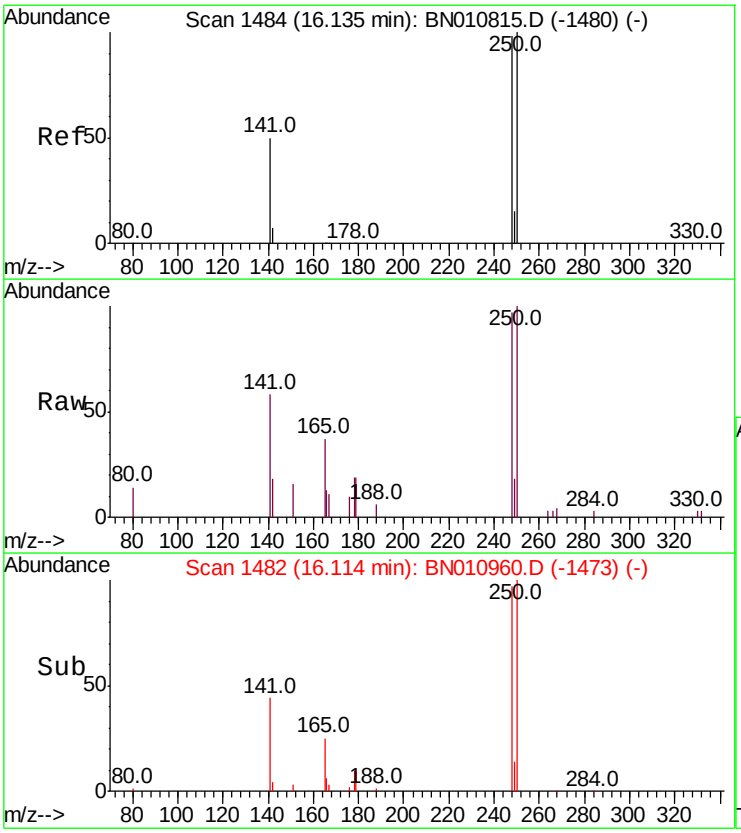
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:188 Resp: 10734

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

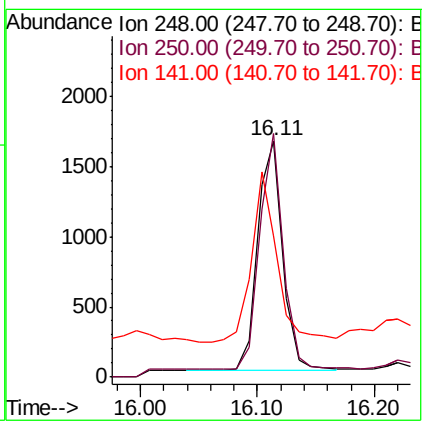


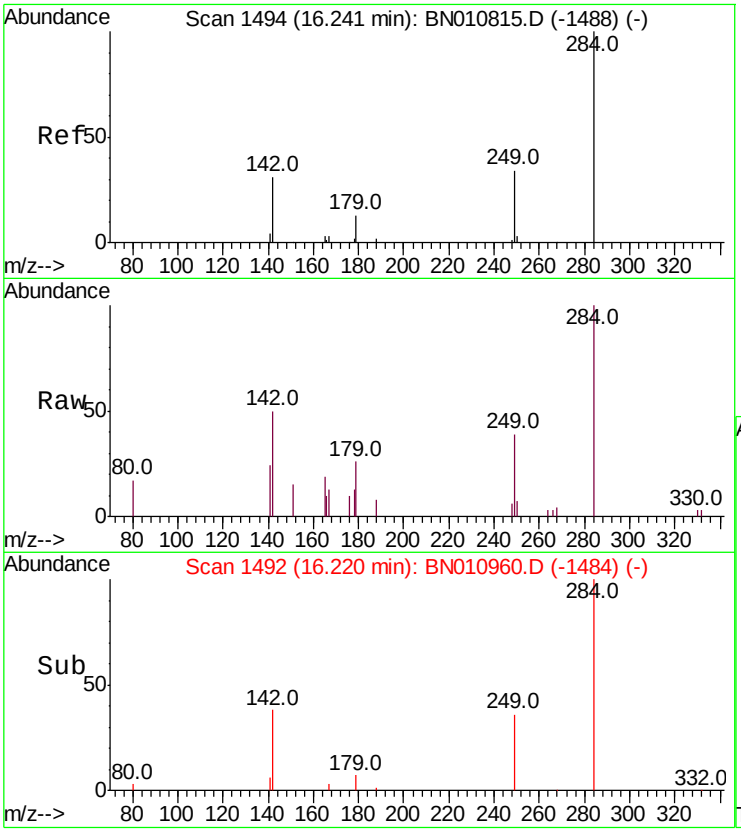


#20
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:248 Resp: 2427

Ion	Ratio	Lower	Upper
248	100		
250	103.1	81.8	122.8
141	59.9	42.6	64.0



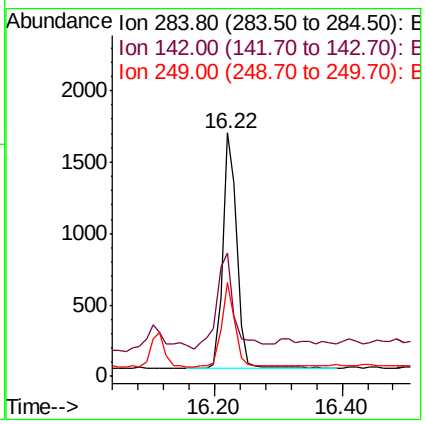


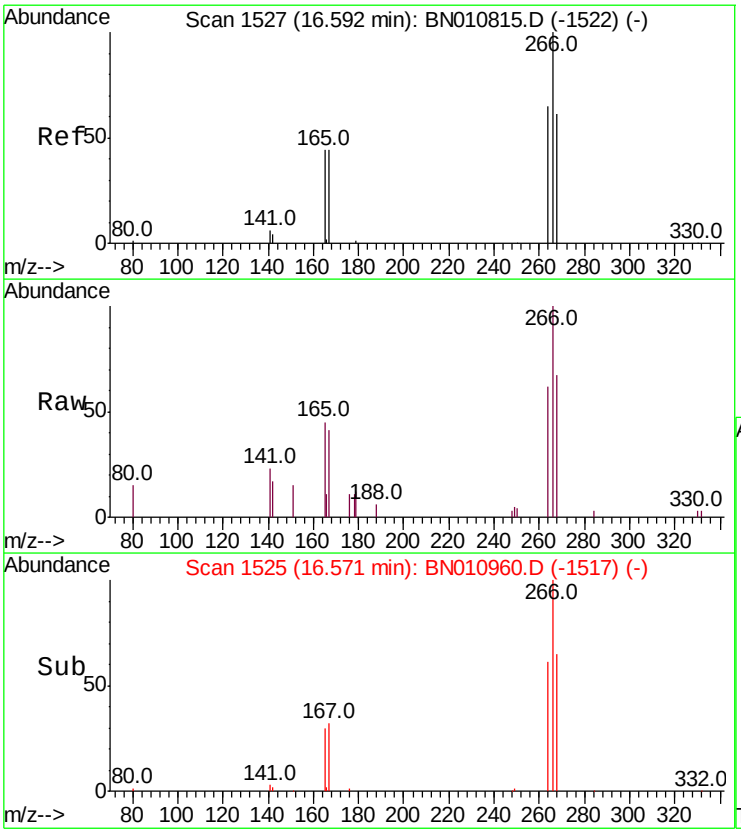
#21
Hexachlorobenzene
Concen: 0.368 ng
RT: 16.22 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:284 Resp: 2479

Ion	Ratio	Lower	Upper
284	100		
142	51.2	31.0	46.4#
249	33.6	27.1	40.7

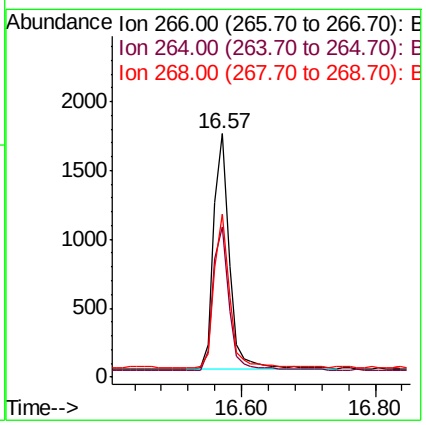


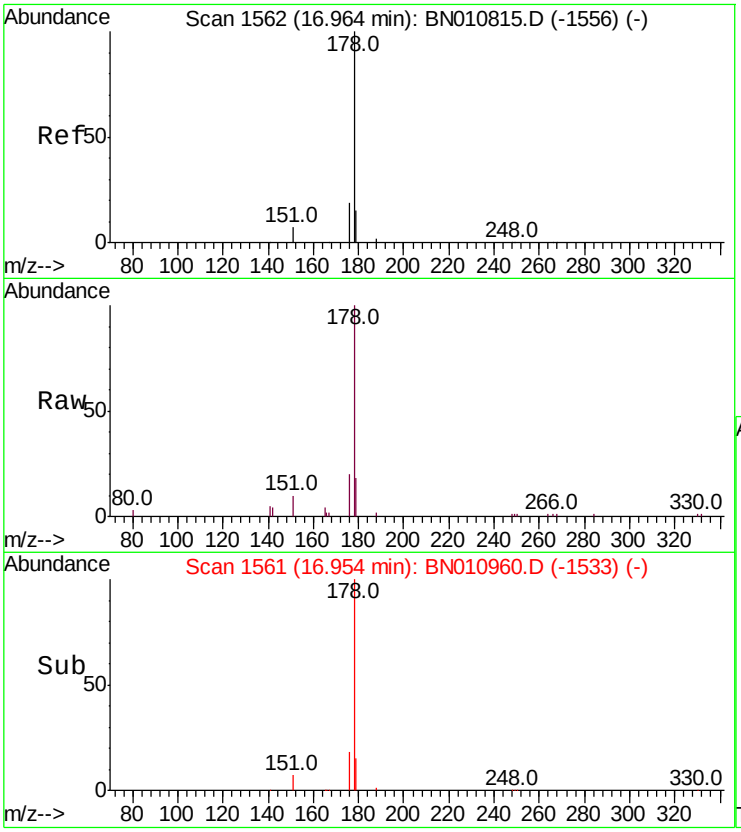


#22
Pentachlorophenol
Concen: 1.241 ng
RT: 16.57 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:266 Resp: 2803

Ion	Ratio	Lower	Upper
266	100		
264	61.9	54.8	82.2
268	67.1	55.9	83.9



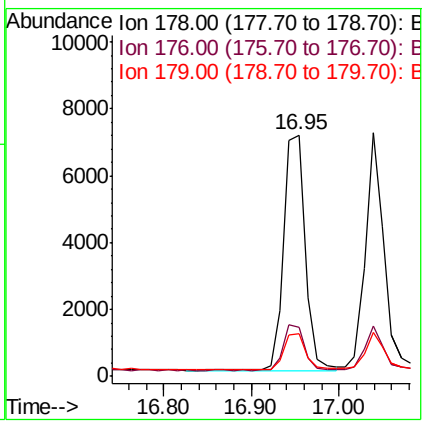


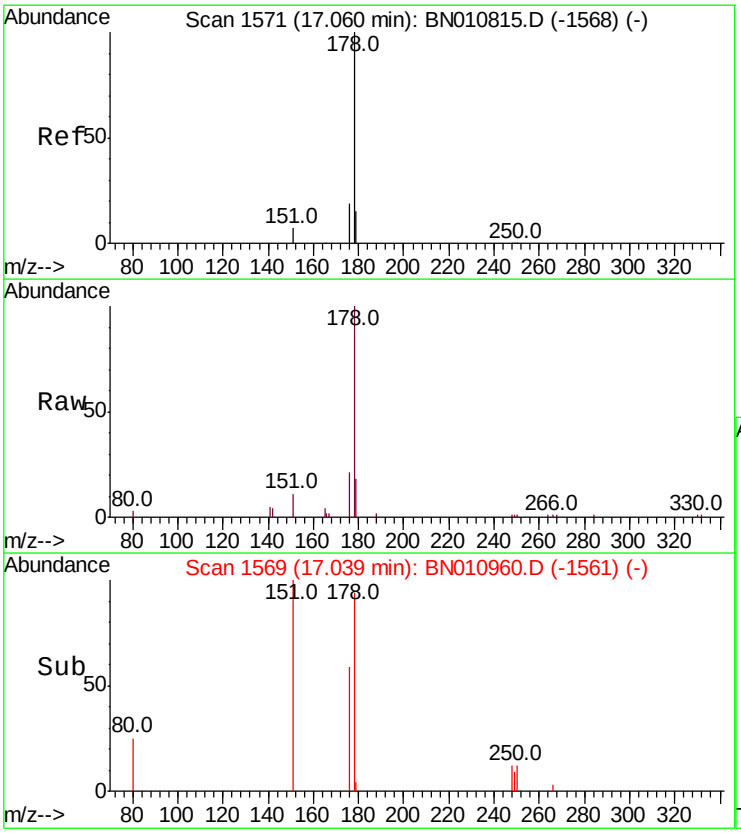
#23
Phenanthrene
Concen: 0.407 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:178 Resp: 11944

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.9	12.6	19.0

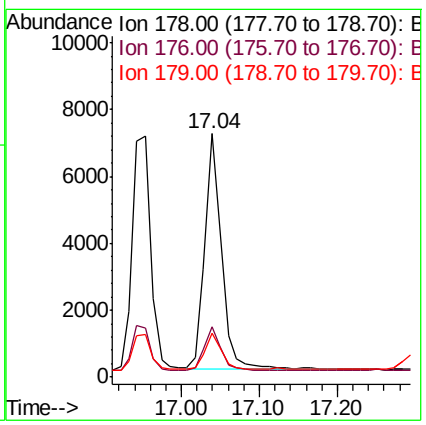


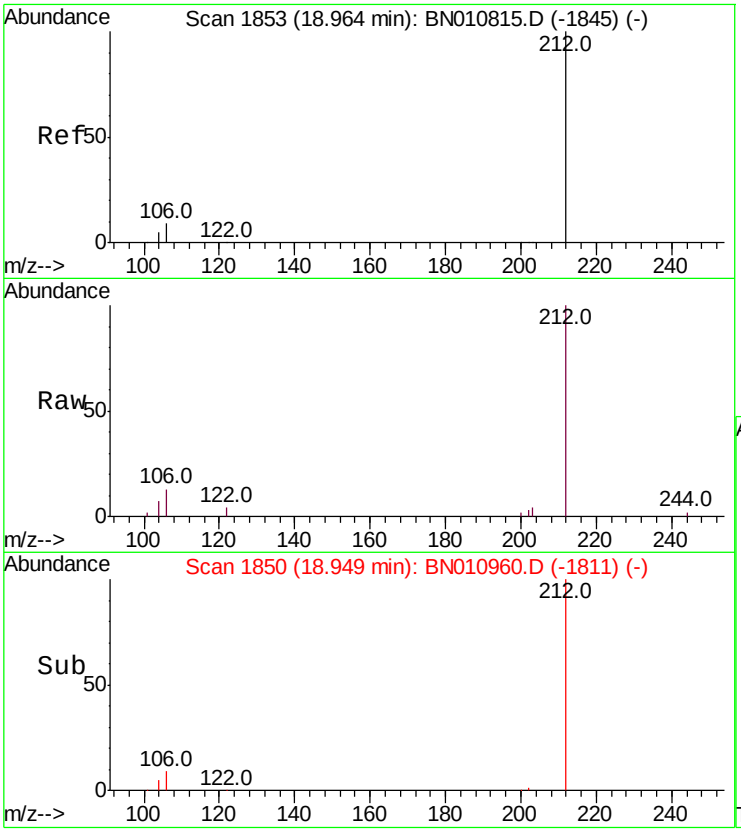


#24
Anthracene
Concen: 0.428 ng
RT: 17.04 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:178 Resp: 10475

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	15.0	12.3	18.5



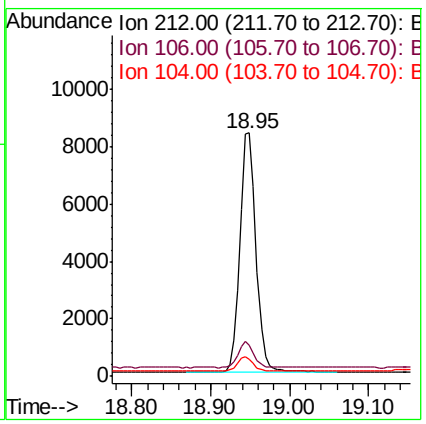


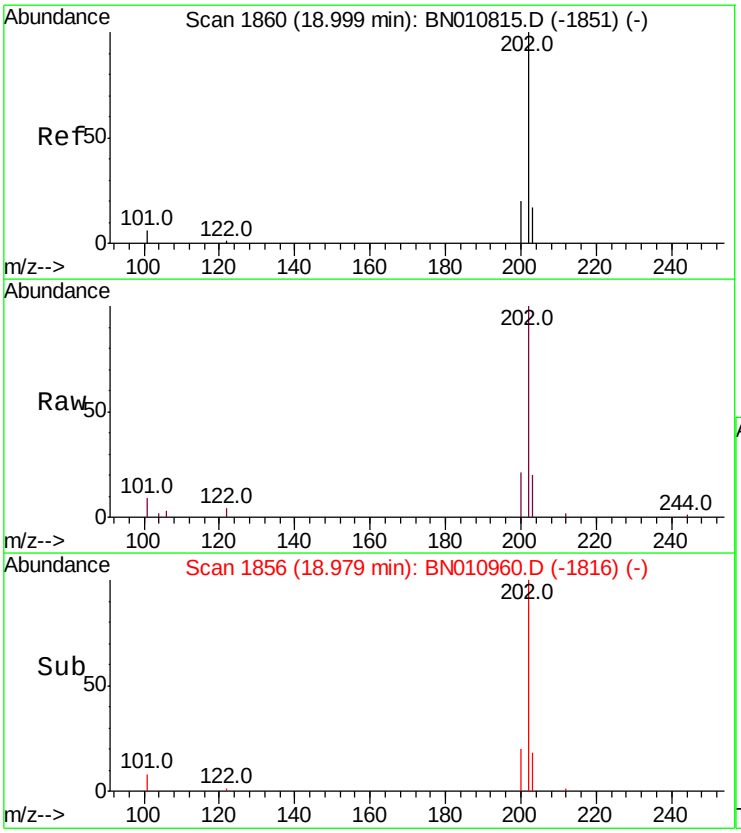
#25
Fluoranthene-d10
Concen: 0.399 ng
RT: 18.95 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:212 Resp: 11822

Ion	Ratio	Lower	Upper
212	100		
106	10.2	6.6	10.0#
104	5.7	4.0	6.0

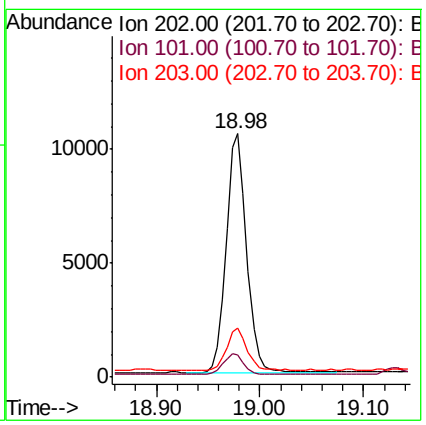


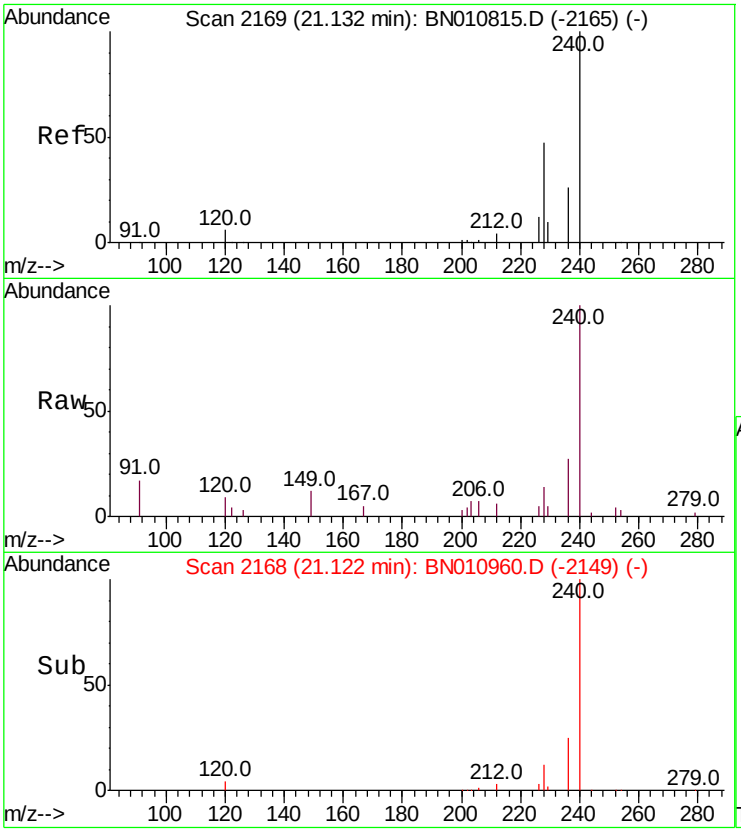


#26
Fluoranthene
Concen: 0.425 ng
RT: 18.98 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:202 Resp: 14158

Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.8	8.6#
203	17.5	13.7	20.5



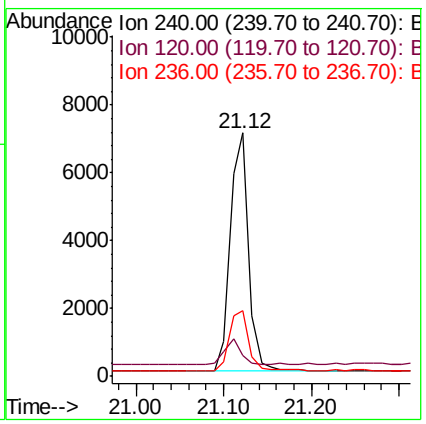


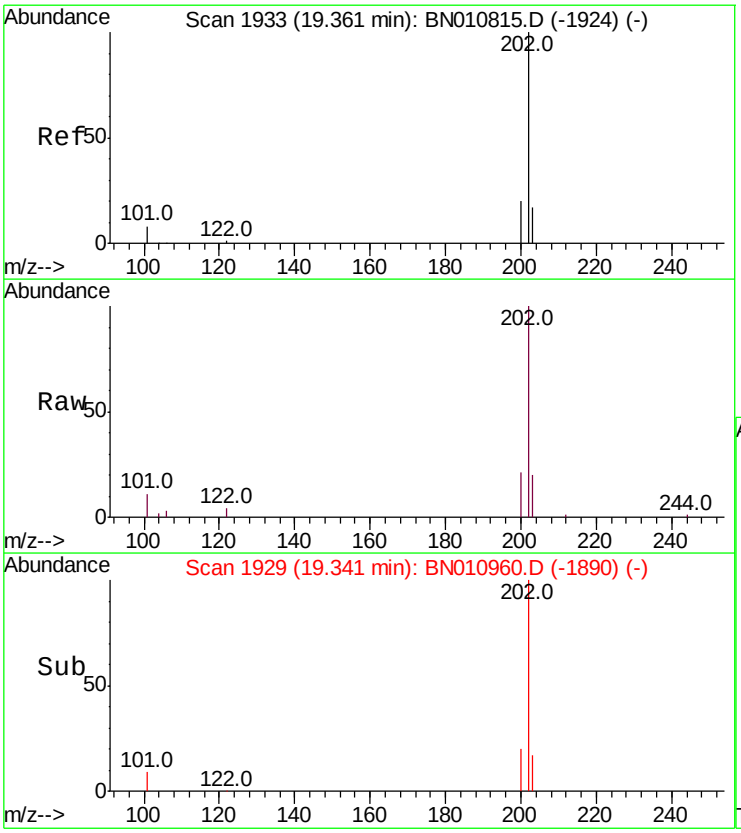
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:240 Resp: 10255

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.5	11.3
236	27.2	22.3	33.5

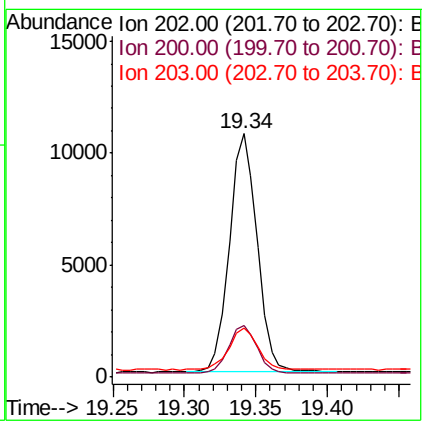


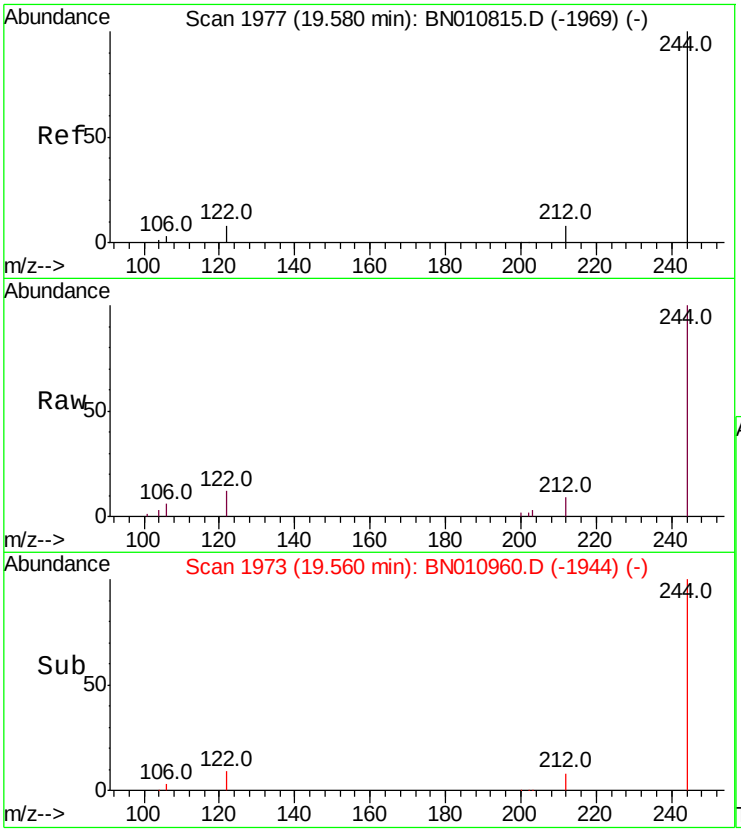


#28
Pyrene
Concen: 0.424 ng
RT: 19.34 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:202 Resp: 14390

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	19.0	14.2	21.4



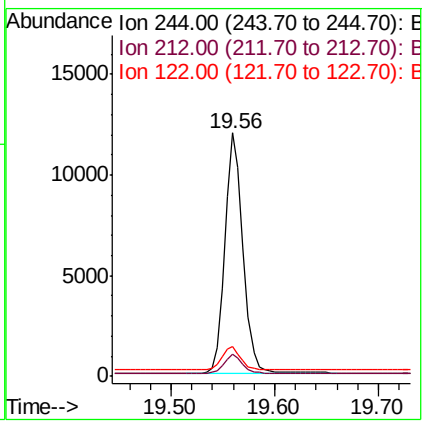


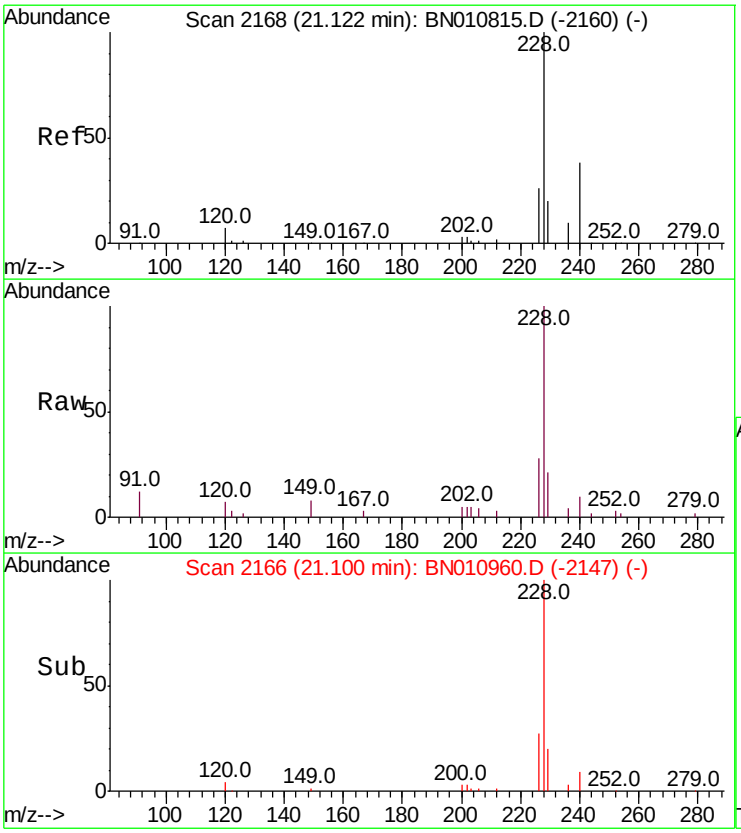
#29
Terphenyl-d14
Concen: 0.596 ng
RT: 19.56 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:244 Resp: 14304

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.2
122	12.0	7.5	11.3#

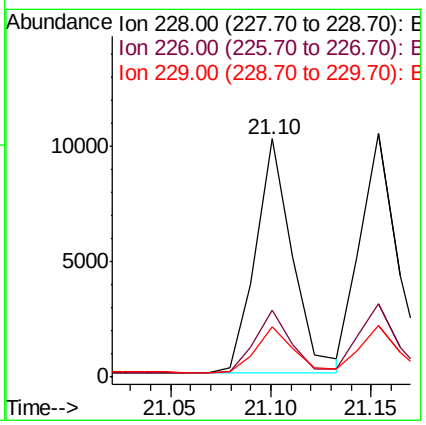


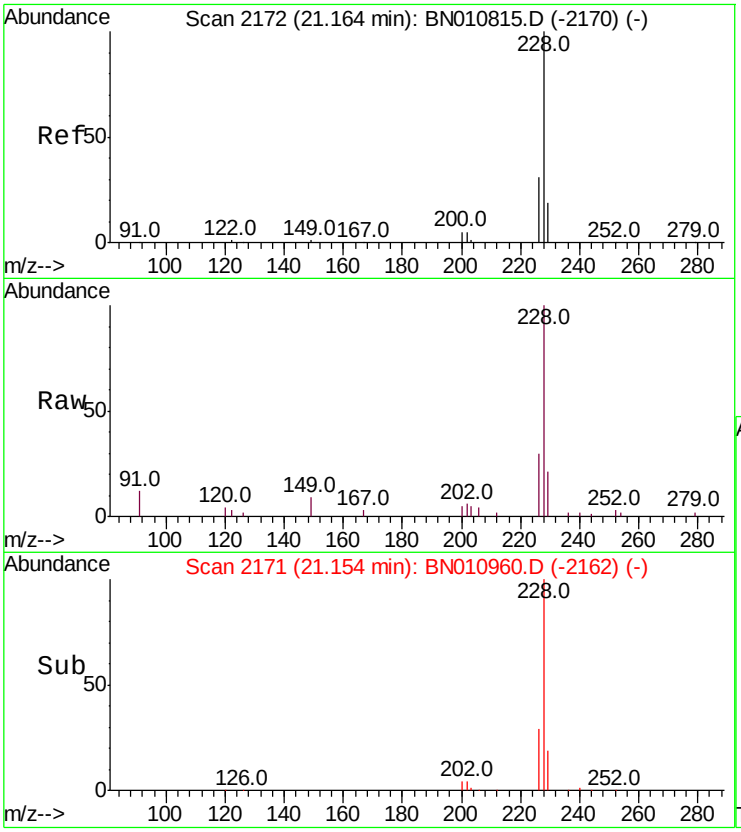


#30
Benzo(a)anthracene
Concen: 0.437 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:228 Resp: 13185

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.3	31.9
229	21.4	16.6	24.8



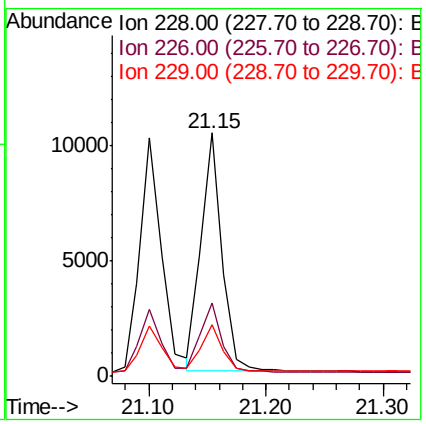


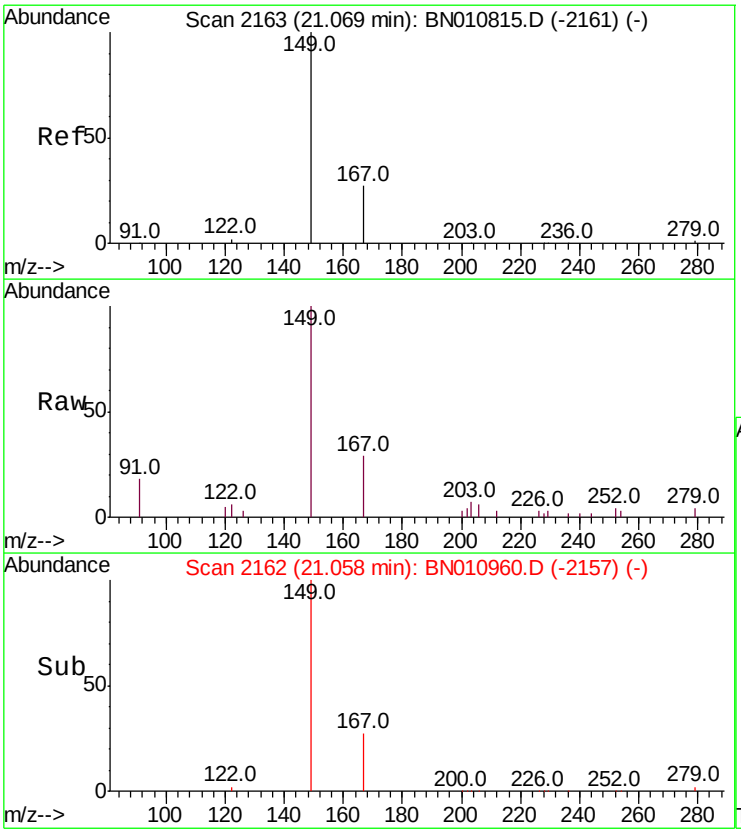
#31
Chrysene
Concen: 0.370 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:228 Resp: 12992

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.1	16.1	24.1

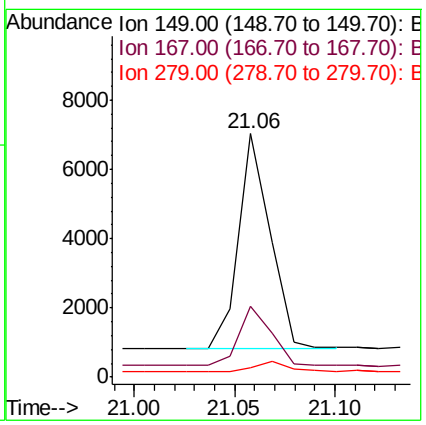


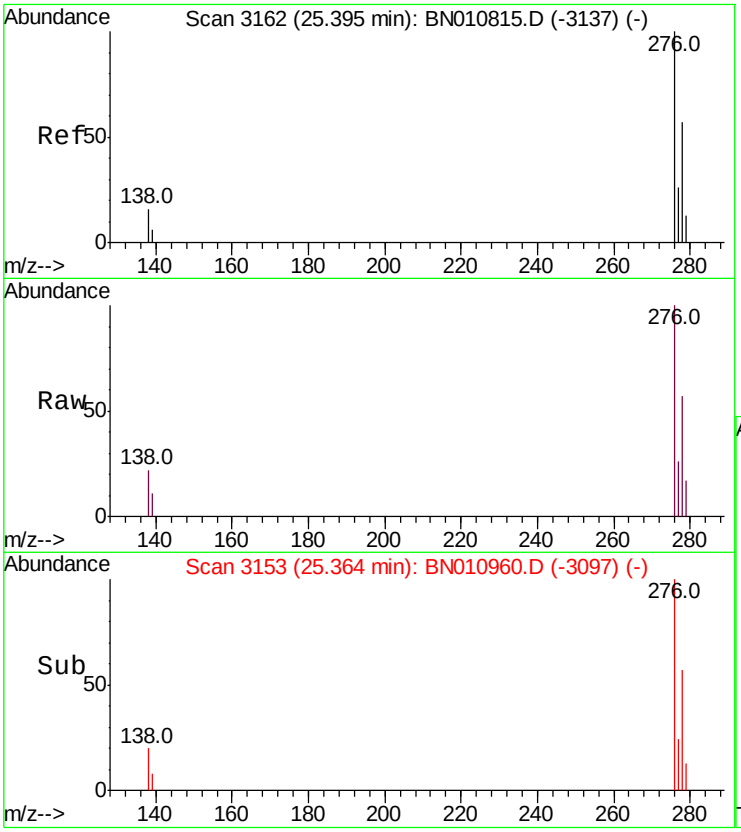


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.681 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:149 Resp: 6847

Ion	Ratio	Lower	Upper
149	100		
167	27.7	24.1	36.1
279	4.8	4.6	7.0



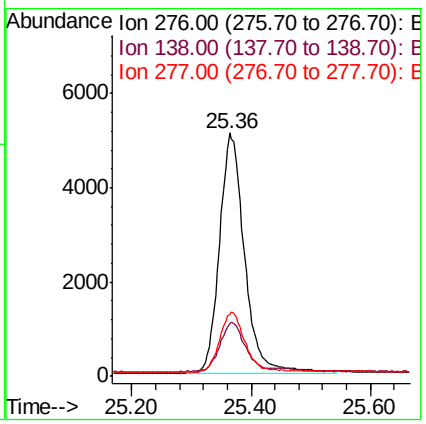


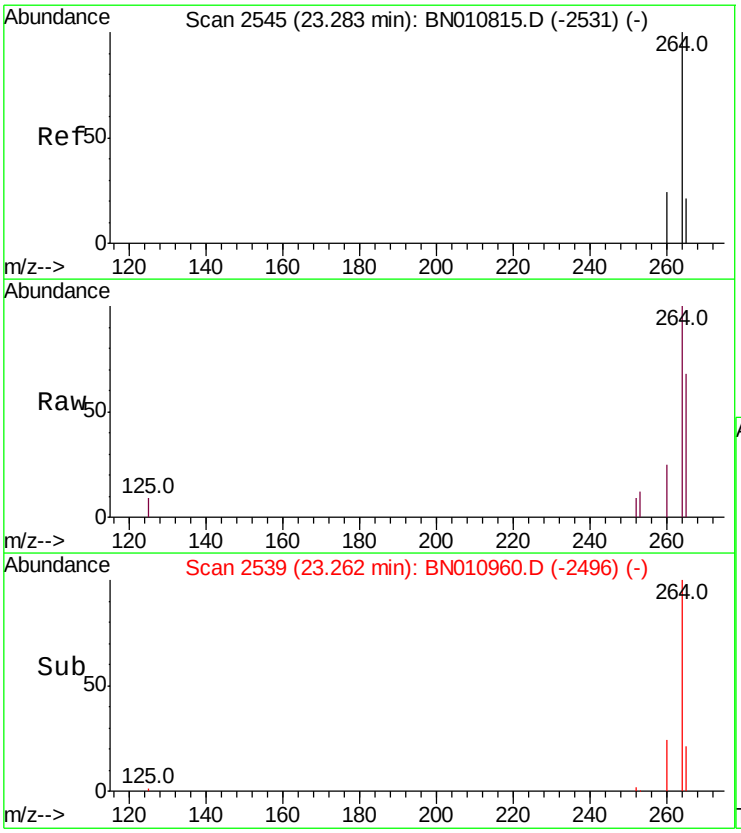
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 25.36 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:276 Resp: 14816

Ion	Ratio	Lower	Upper
276	100		
138	20.7	13.0	19.6#
277	24.7	19.7	29.5

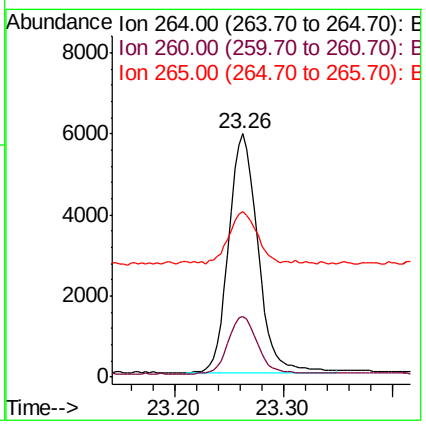


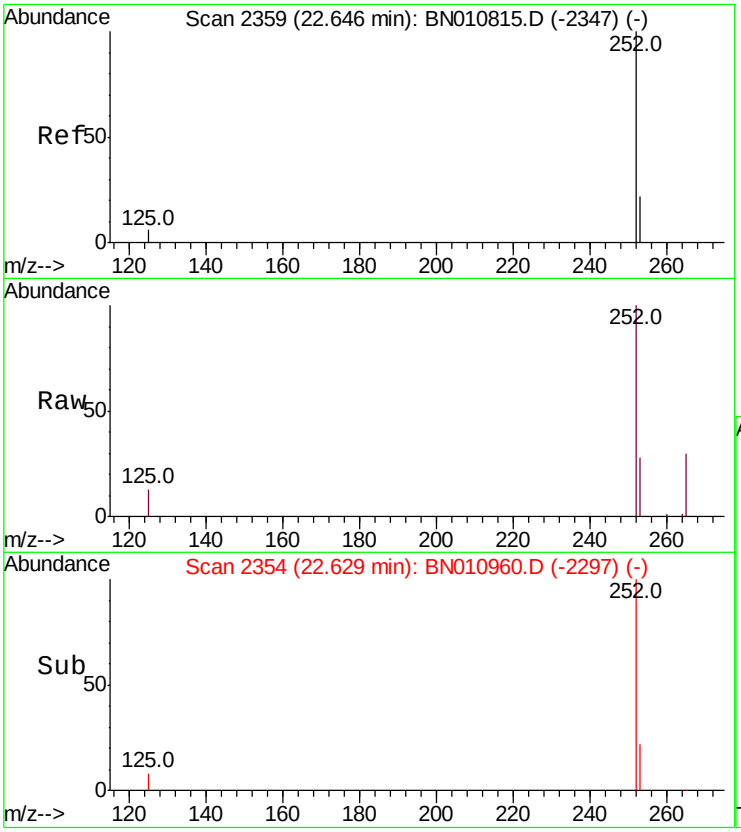


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:264 Resp: 10923

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	68.1	75.0	112.4#



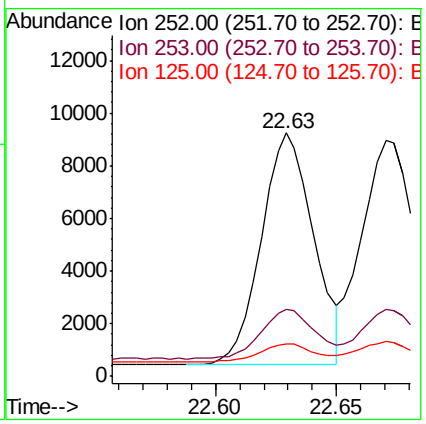


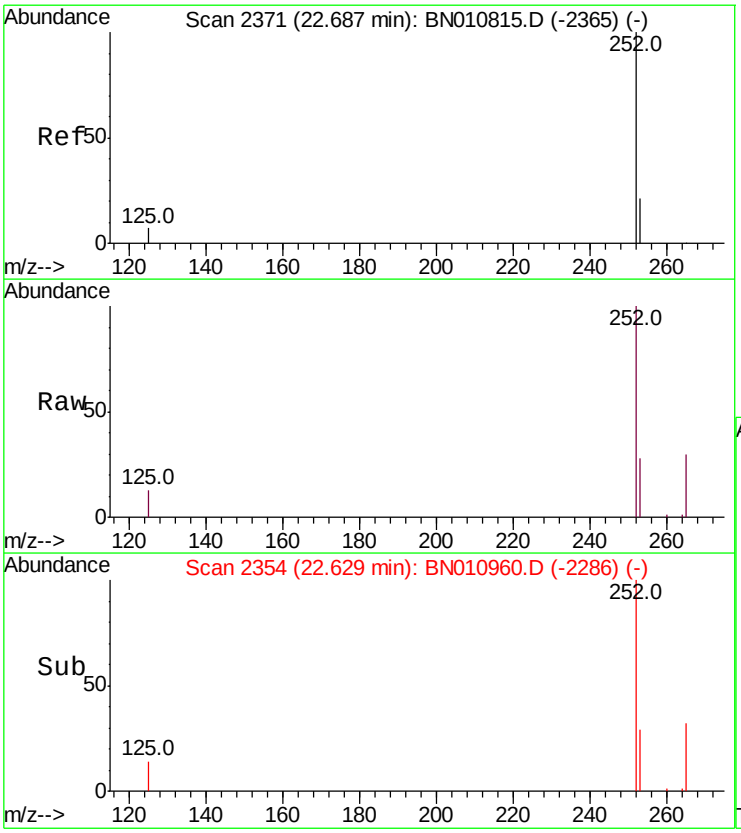
#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 22.63 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:252 Resp: 13238

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.4	33.6
125	13.4	9.4	14.0

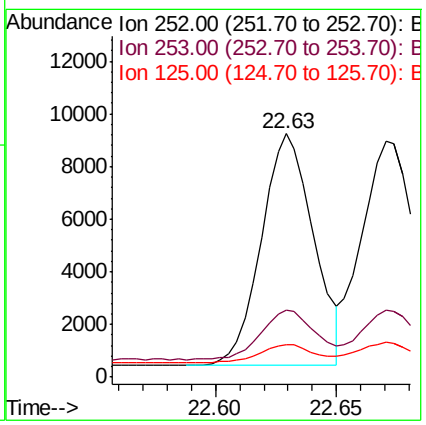


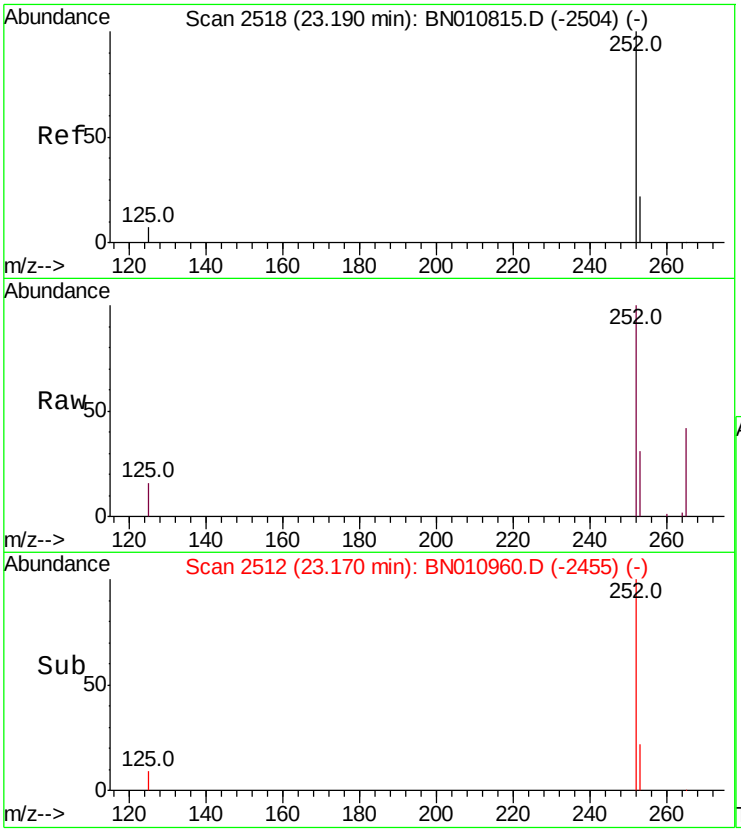


#36
Benzo(k)fluoranthene
Concen: 0.335 ng
RT: 22.63 min Scan# 2354
Delta R.T. -0.04 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:252 Resp: 13238

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.2	33.4
125	13.4	9.8	14.8



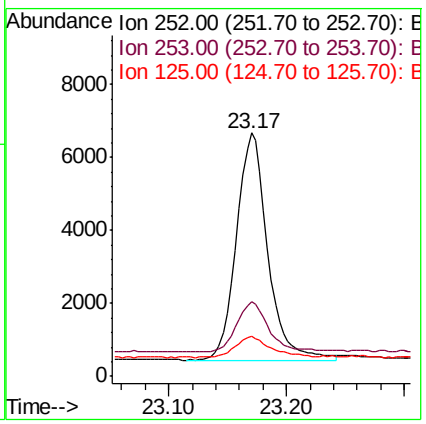


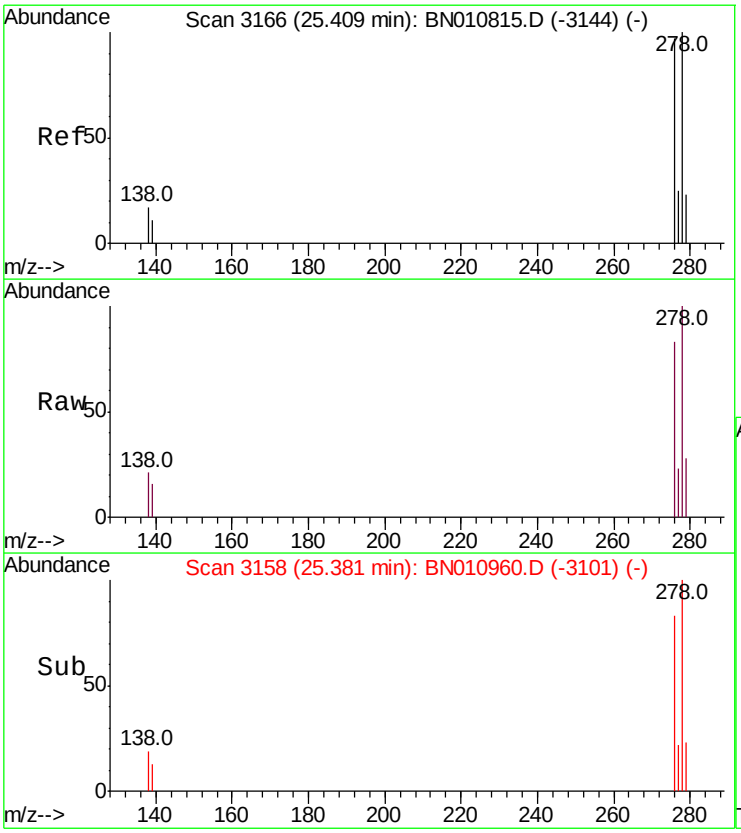
#37
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.17 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:252 Resp: 11474

Ion	Ratio	Lower	Upper
252	100		
253	30.8	25.8	38.8
125	16.3	12.4	18.6

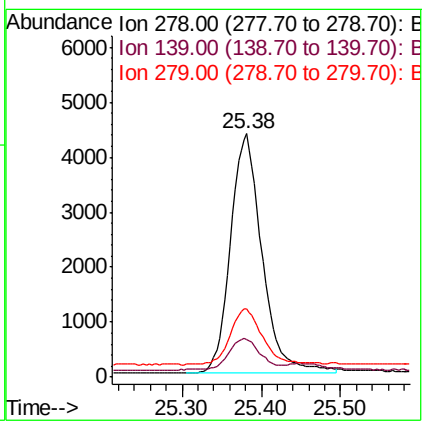


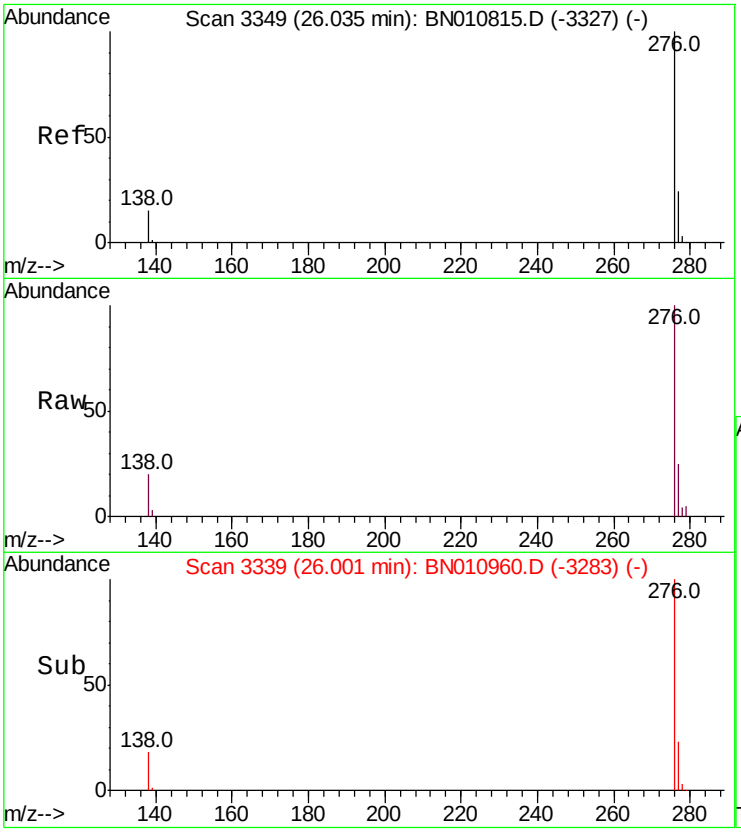


#38
Dibenzo(a,h)anthracene
Concen: 0.333 ng
RT: 25.38 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Tgt Ion:278 Resp: 12099

Ion	Ratio	Lower	Upper
278	100		
139	15.5	10.6	15.8
279	27.9	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.340 ng
RT: 26.00 min Scan# 3339
Delta R.T. -0.01 min
Lab File: BN010960.D
Acq: 18 Jun 2020 19:12

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tgt Ion:276 Resp: 12929

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.5	30.7
138	20.3	13.7	20.5