Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
Data File : BN010906.D
Acq On : 16 Jun 2020 14:43
Operator : CG/JU
Sample : L3011-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE117D1-20200611MS

Quant Time: Jun 16 15:14:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2415	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	8638	0.40	ng		-0.01
13) Acenaphthene-d10	14.17	164	4755	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	9953	0.40	ng		-0.01
27) Chrysene-d12	21.12	240	9474	0.40	ng		-0.01
34) Perylene-d12	23.27	264	9818	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	915	0.20	ng		0.00
5) Phenol-d6	6.74	99	661	0.12	ng		0.00
8) Nitrobenzene-d5	8.68	82	2752	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	7309	0.55	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	719	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.79	172	8290	0.44	ng		0.00
25) Fluoranthene-d10	18.95	212	15598	0.57	ng		0.00
29) Terphenyl-d14	19.57	244	11982	0.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1405	0.594	ng	#	91
3) n-Nitrosodimethylamine	3.53	42	777	0.565	ng	#	82
6) bis(2-Chloroethyl)ether	6.99	93	2422	0.452	ng		95
9) Naphthalene	10.34	128	8572	0.395	ng		99
10) Hexachlorobutadiene	10.63	225	1818	0.339	ng	#	98
12) 2-Methylnaphthalene	11.96	142	6208	0.427	ng		98
16) Acenaphthylene	13.88	152	7455	0.383	ng		99
17) Acenaphthene	14.22	154	5141	0.387	ng		99
18) Fluorene	15.22	166	6851	0.400	ng		97
20) 4-Bromophenyl-phenylether	16.11	248	2014	0.337	ng	#	81
21) Hexachlorobenzene	16.23	284	2249	0.360	ng		98
22) Pentachlorophenol	16.58	266	2591	1.237	ng		96
23) Phenanthrene	16.95	178	13286	0.489	ng		99
24) Anthracene	17.05	178	8687	0.383	ng		99
26) Fluoranthene	18.98	202	12136	0.393	ng	#	98
28) Pyrene	19.35	202	12303	0.393	ng		99
30) Benzo(a)anthracene	21.11	228	11252	0.404	ng		99
31) Chrysene	21.16	228	12072	0.372	ng		97
32) Bis(2-ethylhexyl)phthalate	21.07	149	5867	0.632	ng		96
33) Indeno(1,2,3-cd)pyrene	25.38	276	13922	0.384	ng	#	95
35) Benzo(b)fluoranthene	22.64	252	11678	0.350	ng	#	98
36) Benzo(k)fluoranthene	22.64	252	11678	0.328	ng		98
37) Benzo(a)pyrene	23.18	252	10559	0.369	ng		96
38) Dibenzo(a,h)anthracene	25.39	278	11538	0.353	ng		98
39) Benzo(g,h,i)perylene	26.01	276	12292	0.360	ng		97

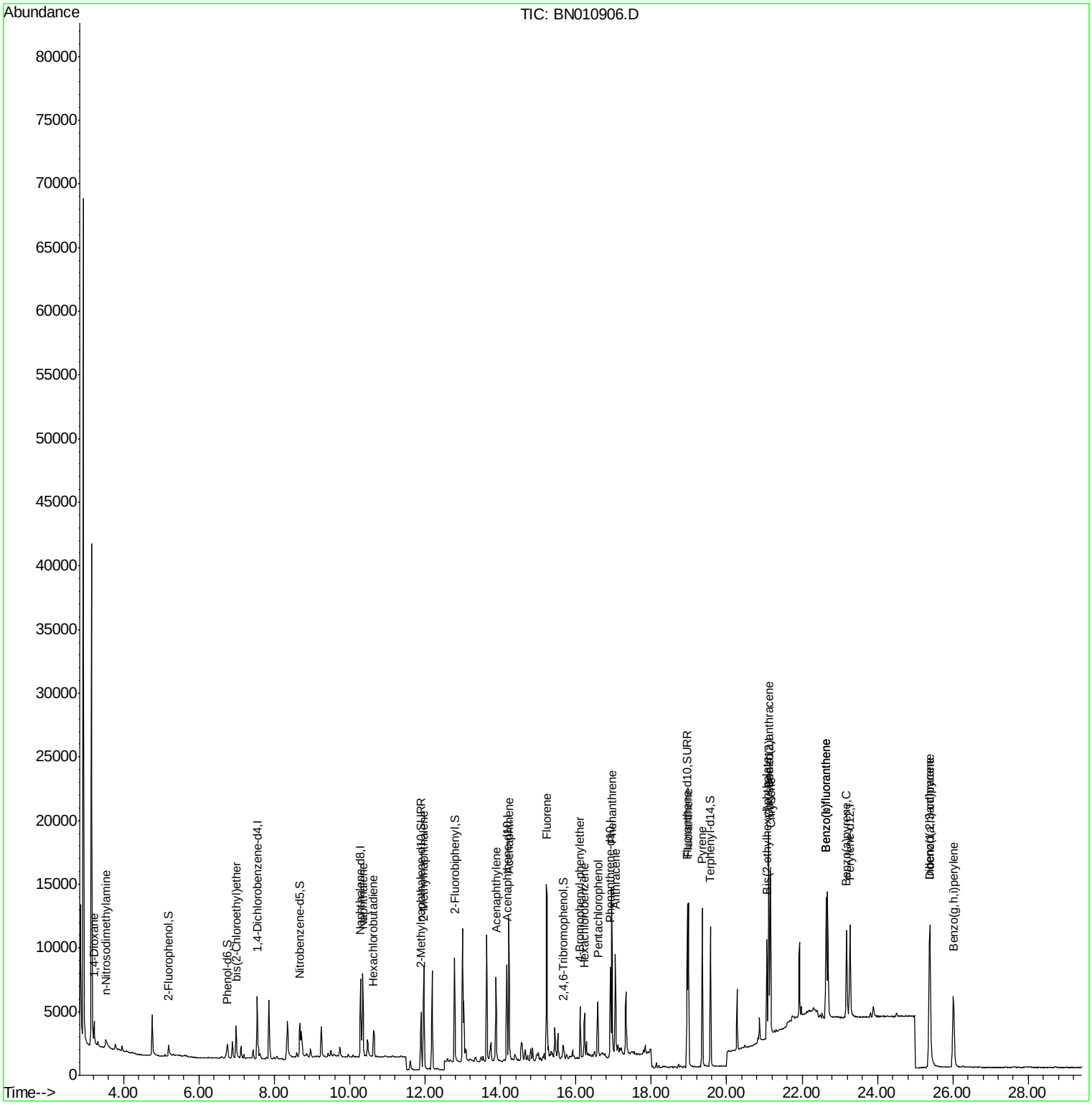
(#) = qualifier out of range (m) = manual integration (+) = signals summed

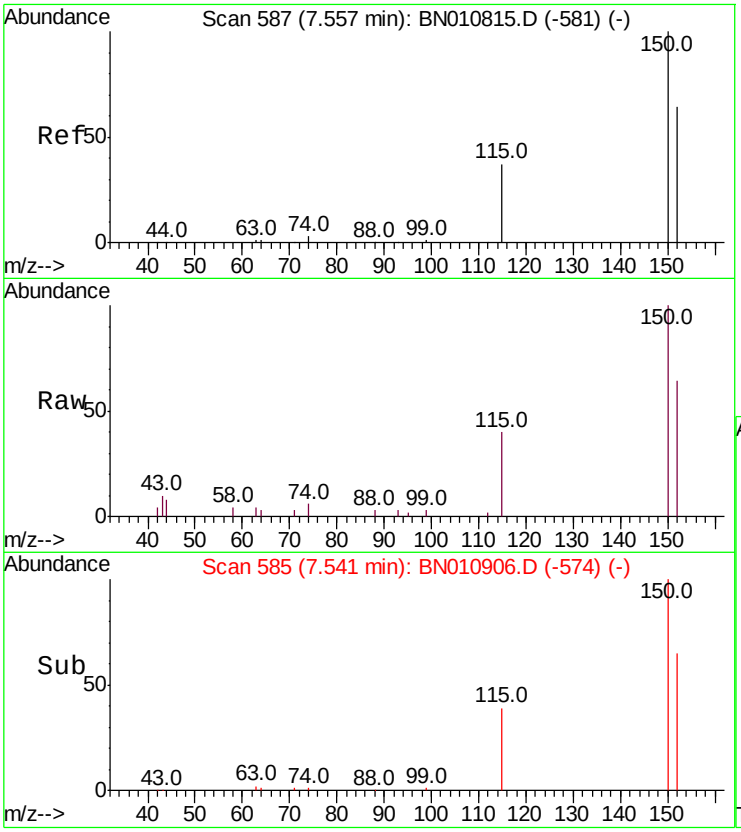
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
Data File : BN010906.D
Acq On : 16 Jun 2020 14:43
Operator : CG/JU
Sample : L3011-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Quant Time: Jun 16 15:14:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration



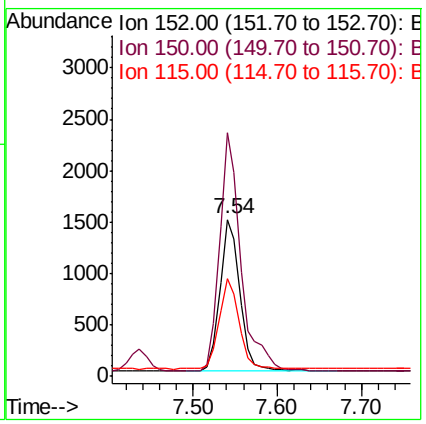


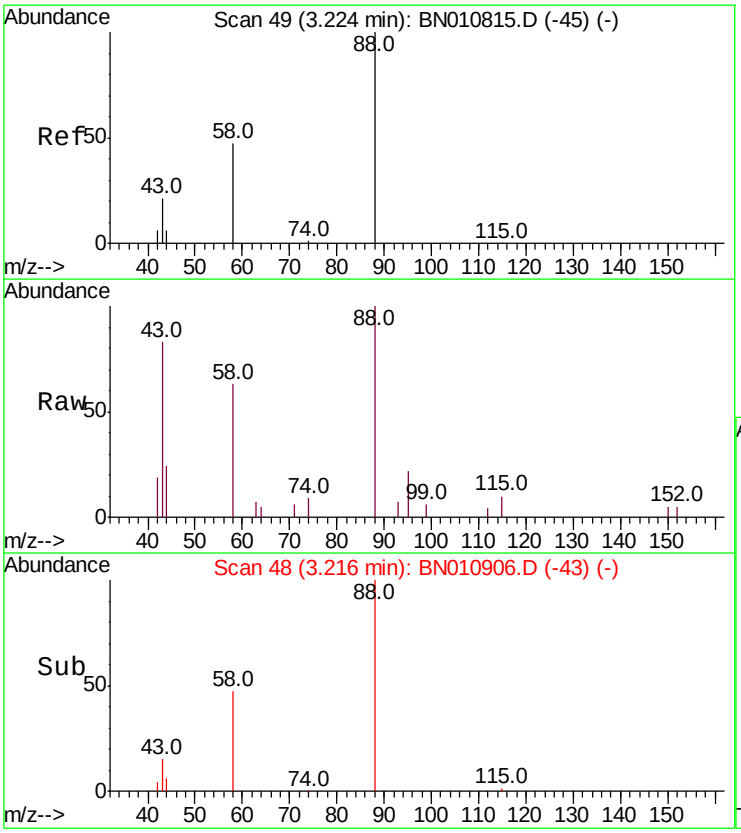
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:152 Resp: 2415

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.6
115	62.3	49.2	73.8

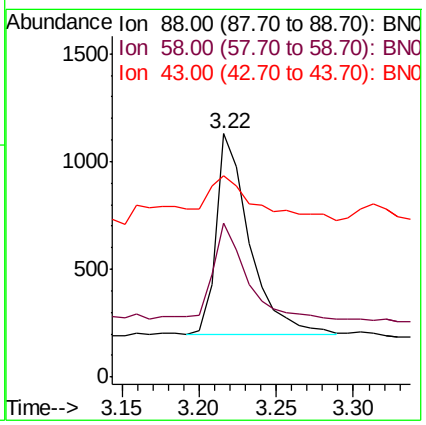


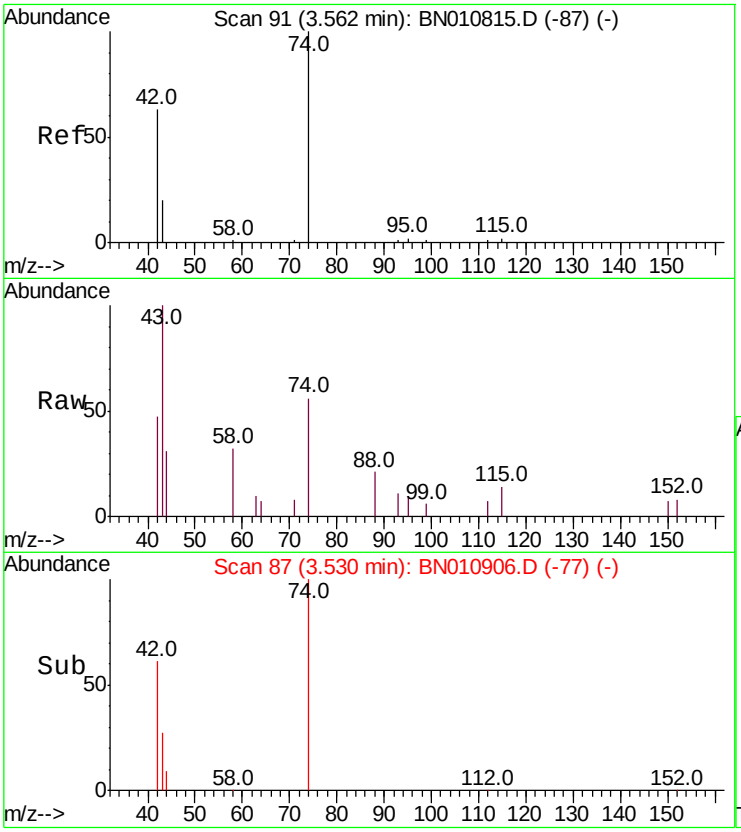


#2
1,4-Dioxane
Concen: 0.594 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion: 88 Resp: 1405

Ion	Ratio	Lower	Upper
88	100		
58	46.2	38.2	57.4
43	30.7	15.1	22.7#



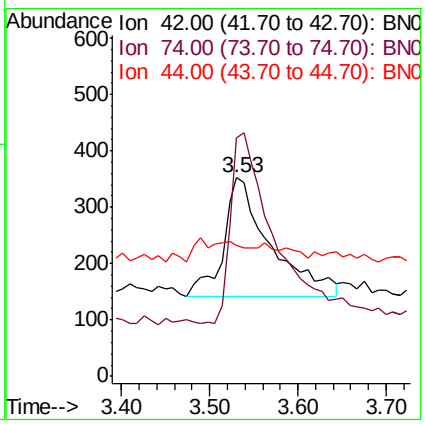


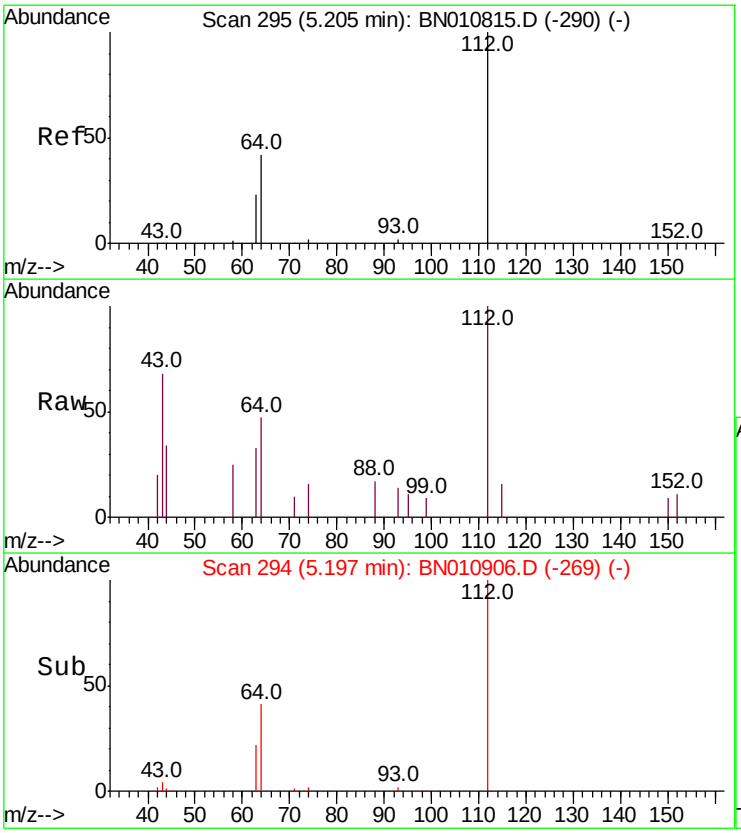
#3
n-Nitrosodimethylamine
Concen: 0.565 ng
RT: 3.53 min Scan# 87
Delta R.T. -0.02 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion: 42 Resp: 777

Ion	Ratio	Lower	Upper
42	100		
74	150.5	140.7	211.1
44	0.0	1.4	2.2#

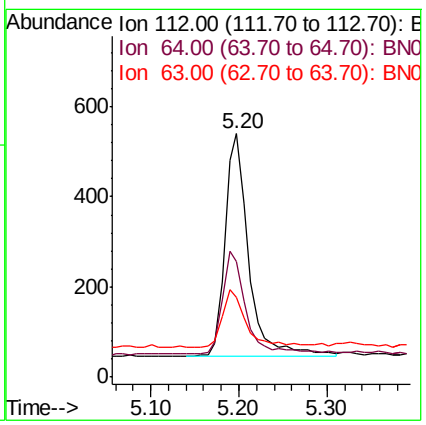


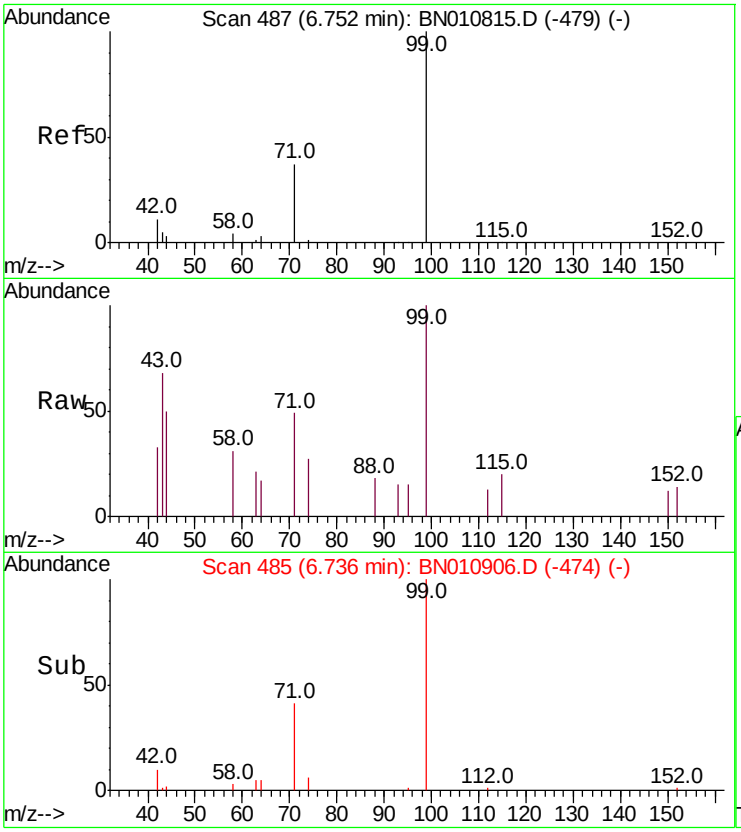


#4
2-Fluorophenol
Concen: 0.196 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:112 Resp: 915

Ion	Ratio	Lower	Upper
112	100		
64	47.3	37.4	56.0
63	27.3	22.2	33.4



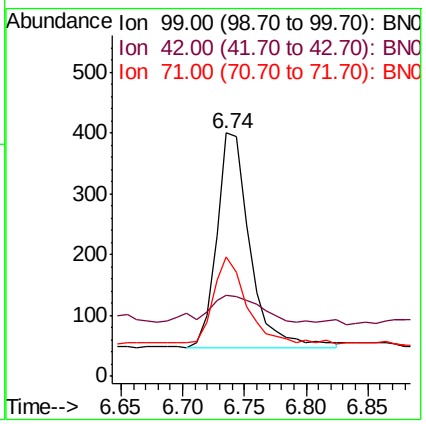


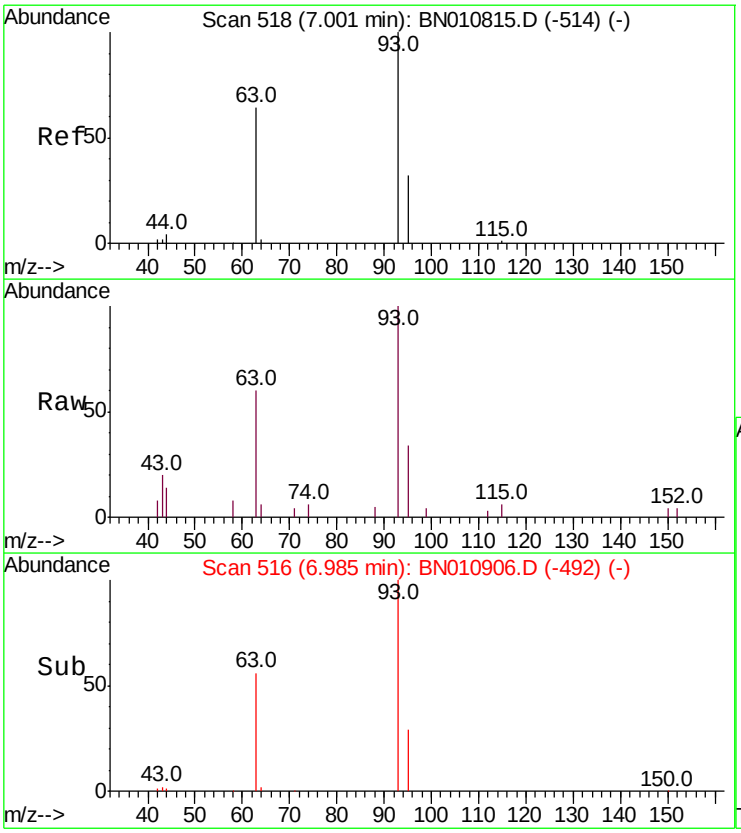
#5
Phenol-d6
Concen: 0.120 ng
RT: 6.74 min Scan# 485
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion: 99 Resp: 661

Ion	Ratio	Lower	Upper
99	100		
42	20.7	11.1	16.7#
71	41.8	31.4	47.2

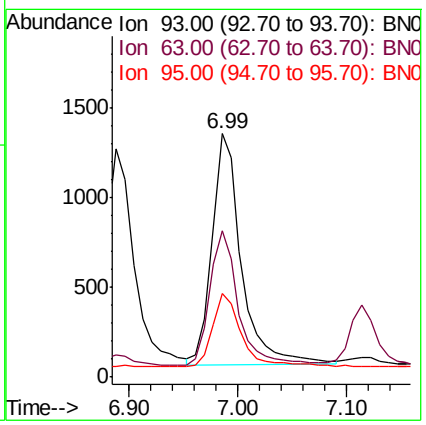


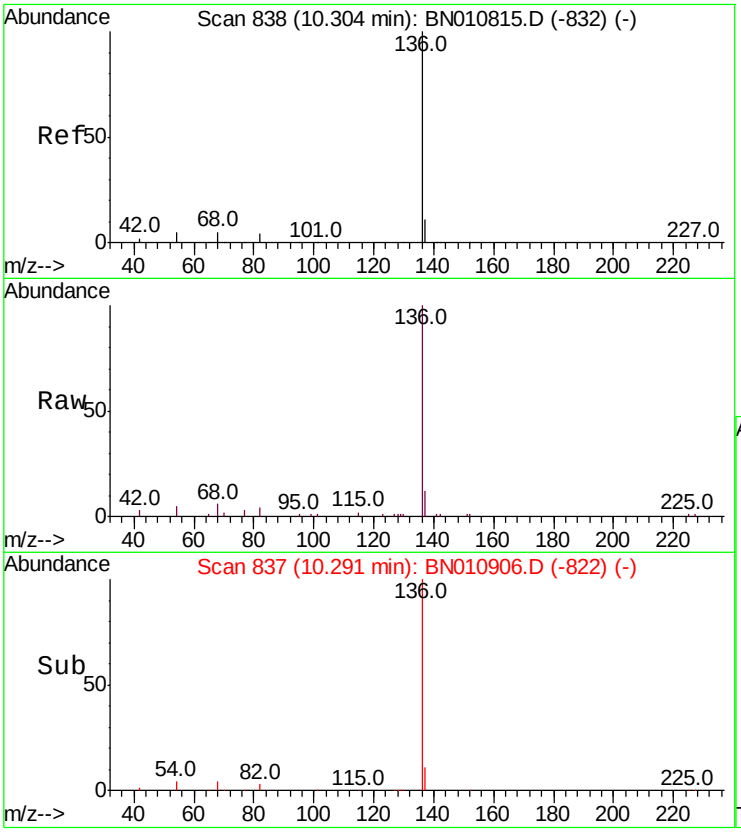


#6
bis(2-Chloroethyl)ether
Concen: 0.452 ng
RT: 6.99 min Scan# 516
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion: 93 Resp: 2422

Ion	Ratio	Lower	Upper
93	100		
63	56.5	49.4	74.2
95	32.2	26.7	40.1



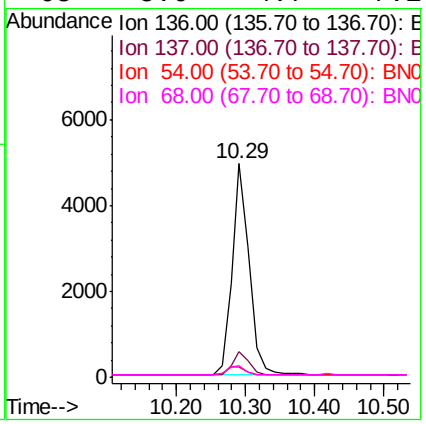


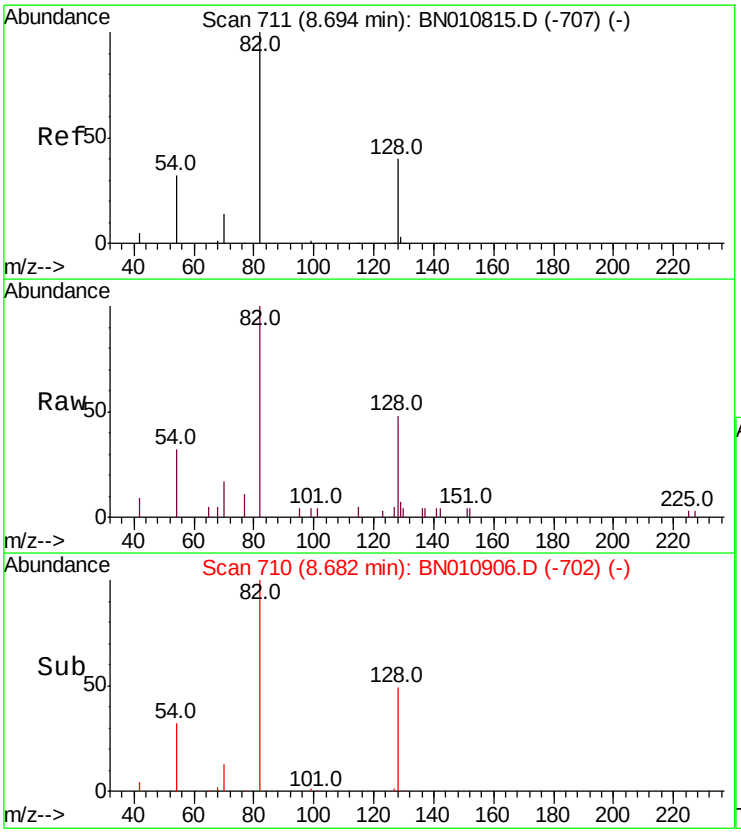
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:136 Resp: 8638

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	4.8	4.9	7.3#
68	5.6	4.7	7.1

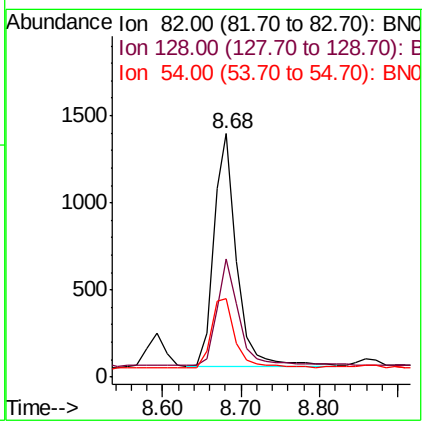


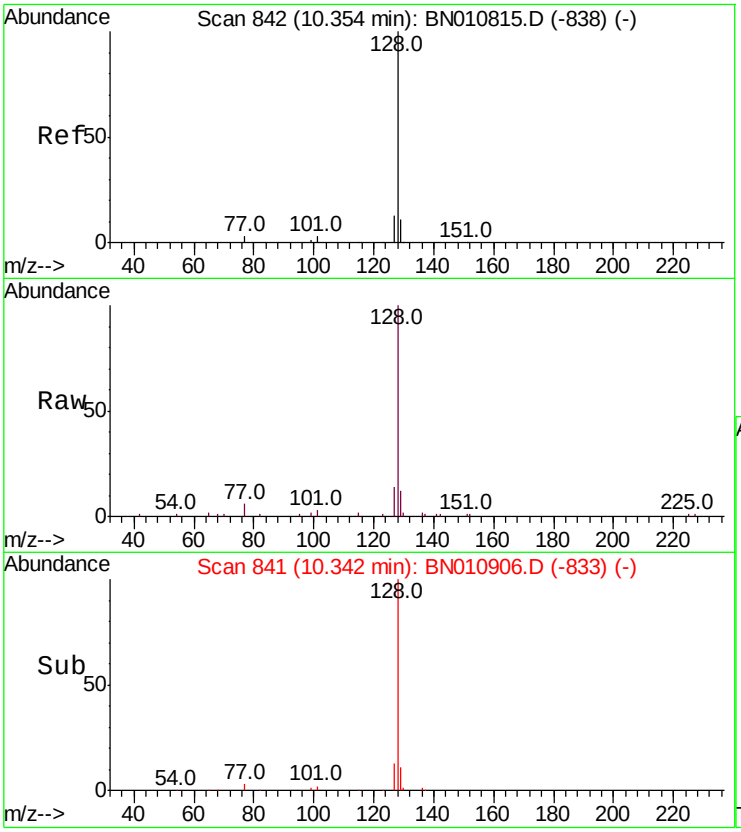


#8
Nitrobenzene-d5
Concen: 0.431 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion: 82 Resp: 2752

Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.4	53.0
54	32.1	28.2	42.4



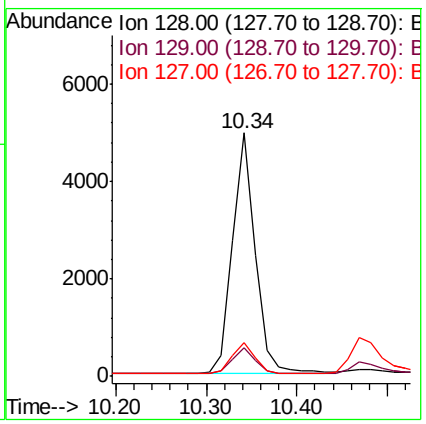


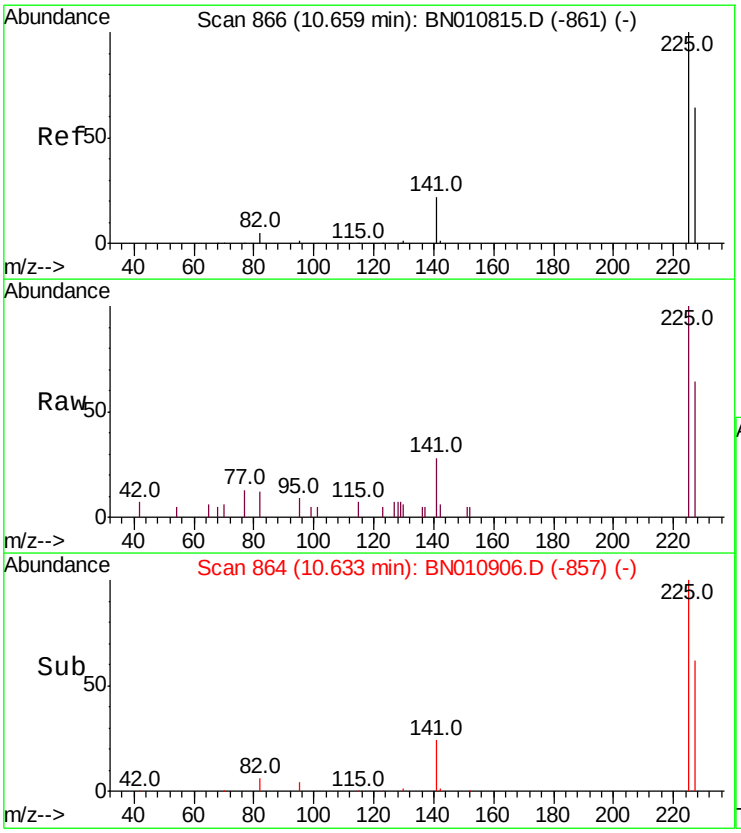
#9
Naphthalene
Concen: 0.395 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:128 Resp: 8572

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.9	11.4	17.2

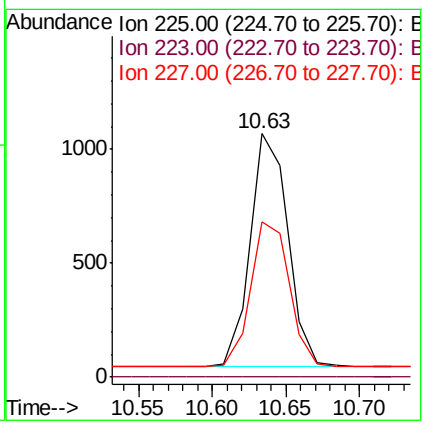


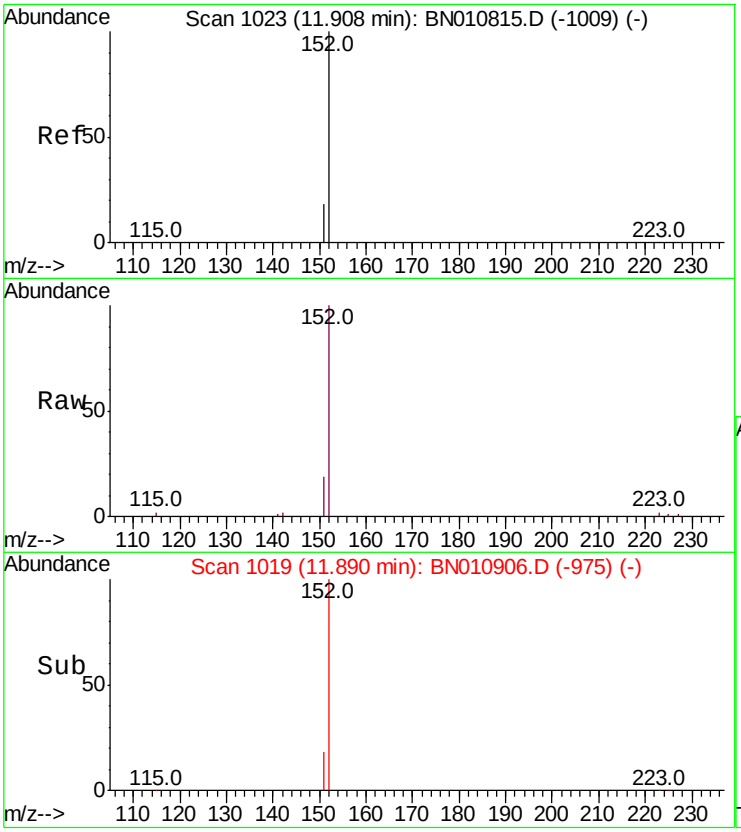


#10
Hexachlorobutadiene
Concen: 0.339 ng
RT: 10.63 min Scan# 864
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:225 Resp: 1818

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.5	75.7



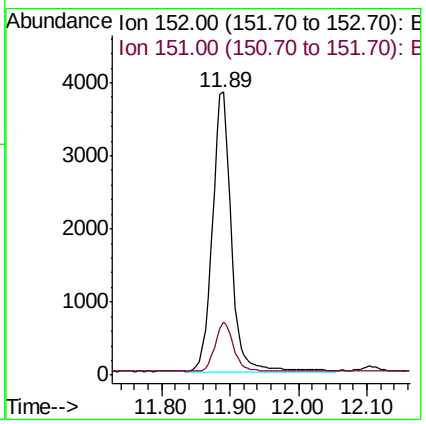


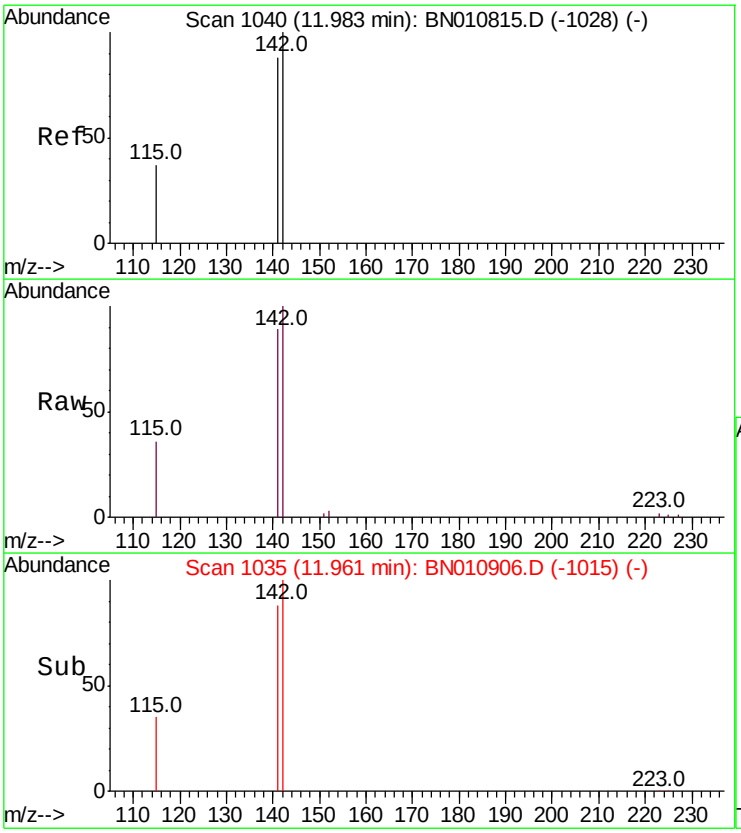
#11
2-Methylnaphthalene-d10
Concen: 0.545 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:152 Resp: 7309

Ion	Ratio	Lower	Upper
152	100		
151	17.2	15.3	22.9

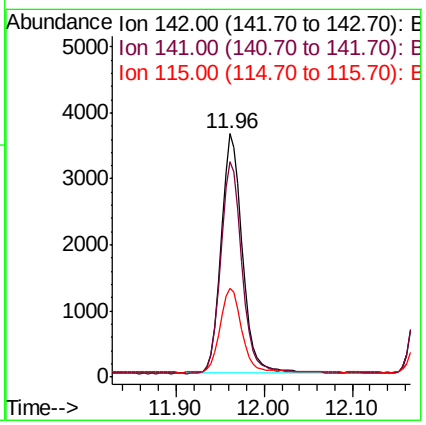


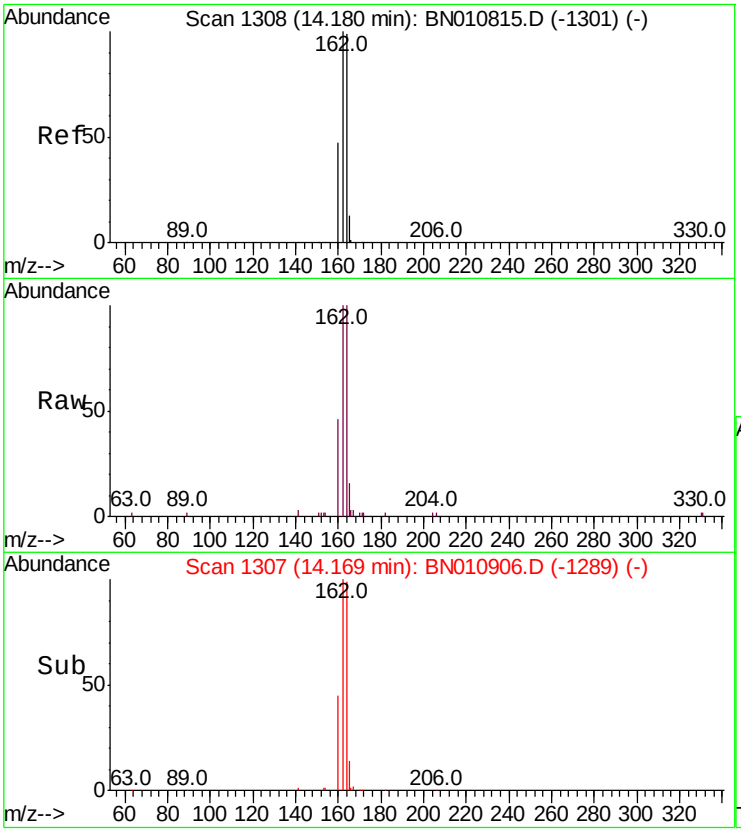


#12
2-Methylnaphthalene
Concen: 0.427 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:142 Resp: 6208

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	36.5	31.5	47.3



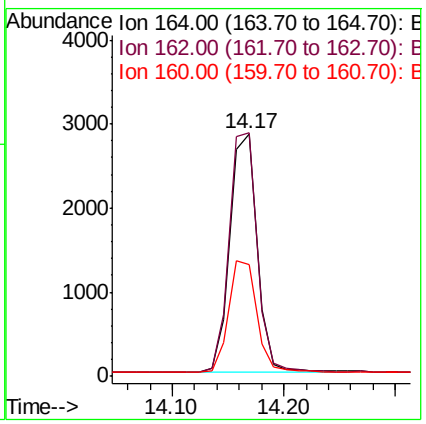


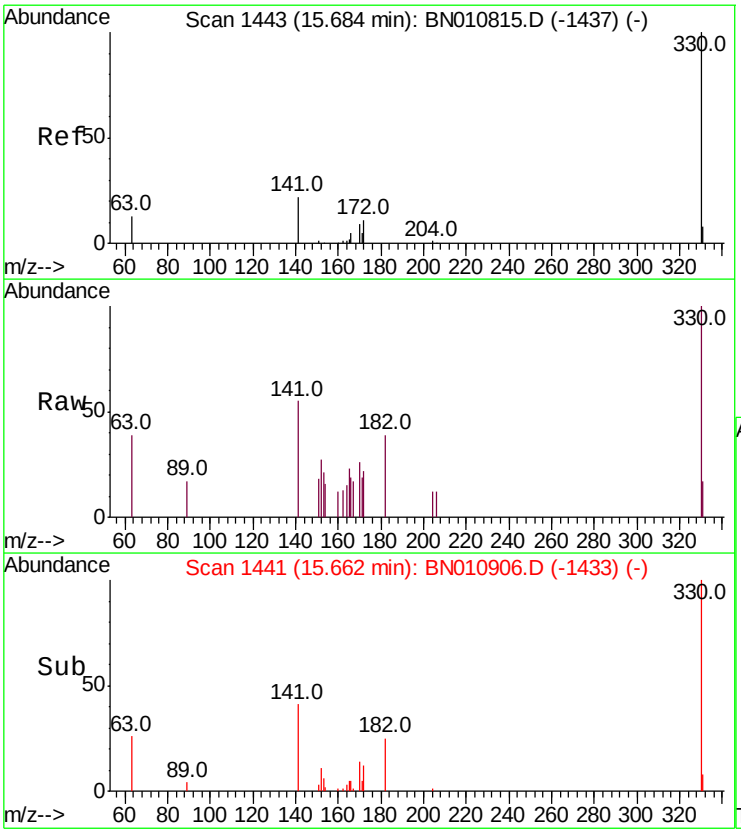
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:164 Resp: 4755

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.6
160	46.1	38.9	58.3

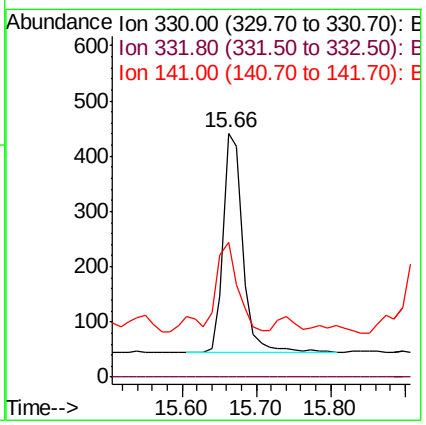


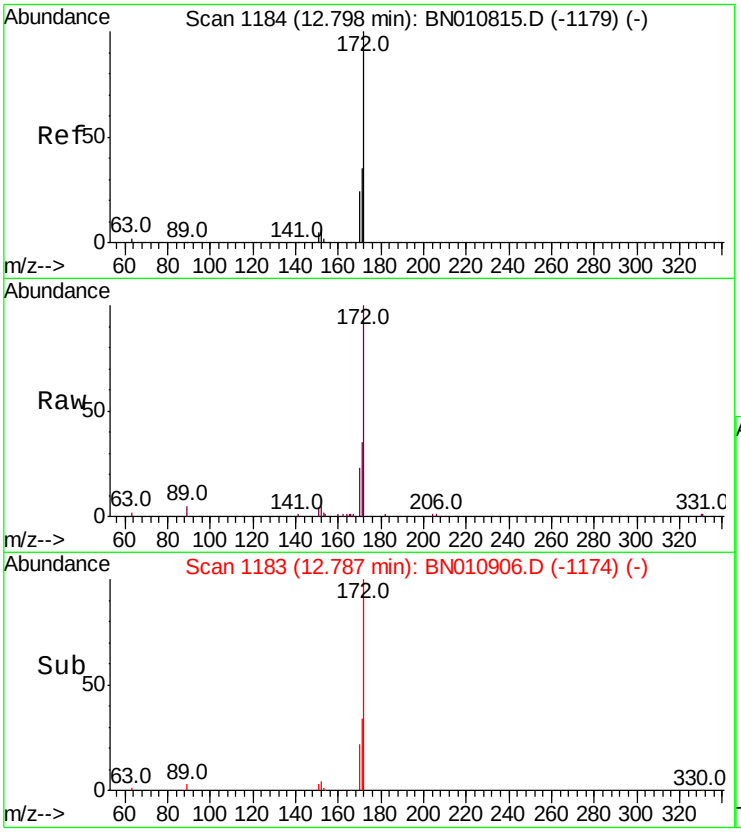


#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 15.66 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:330 Resp: 719

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.0	33.2	49.8



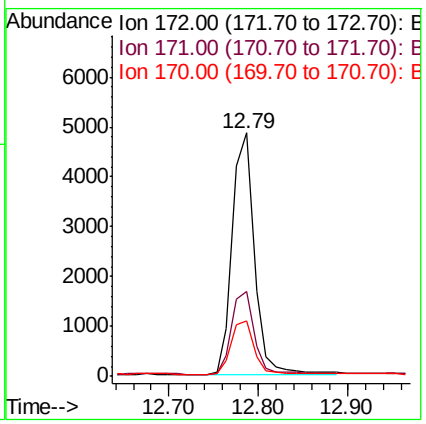


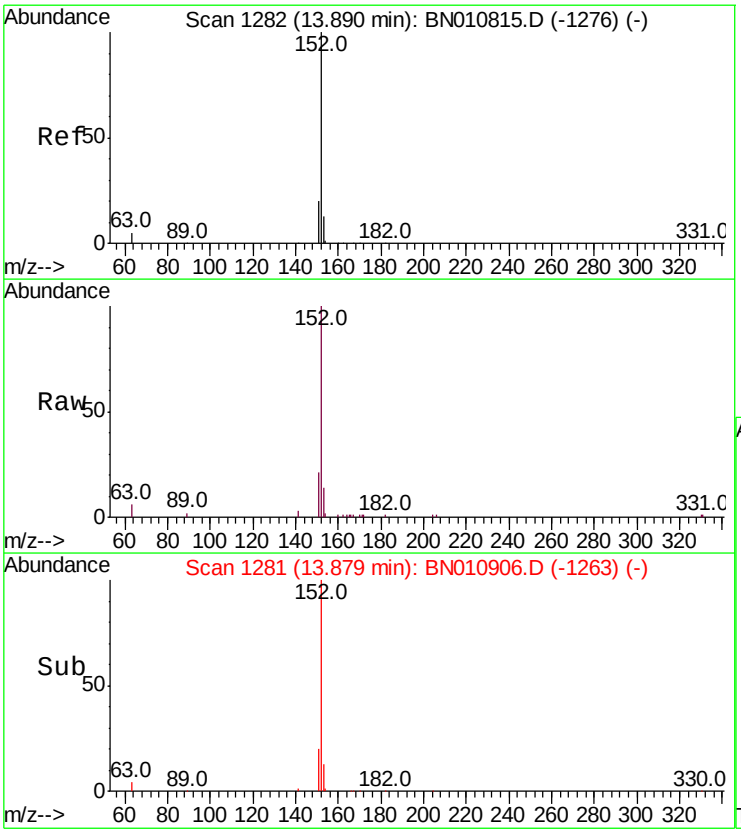
#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:172 Resp: 8290

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.5	19.7	29.5

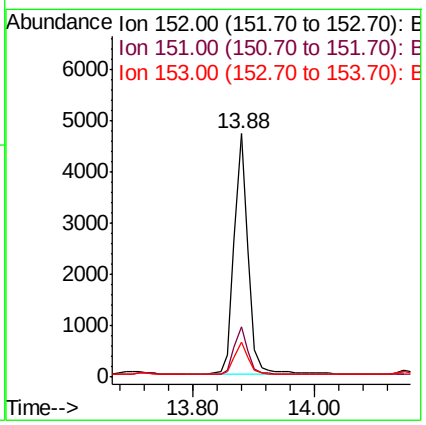


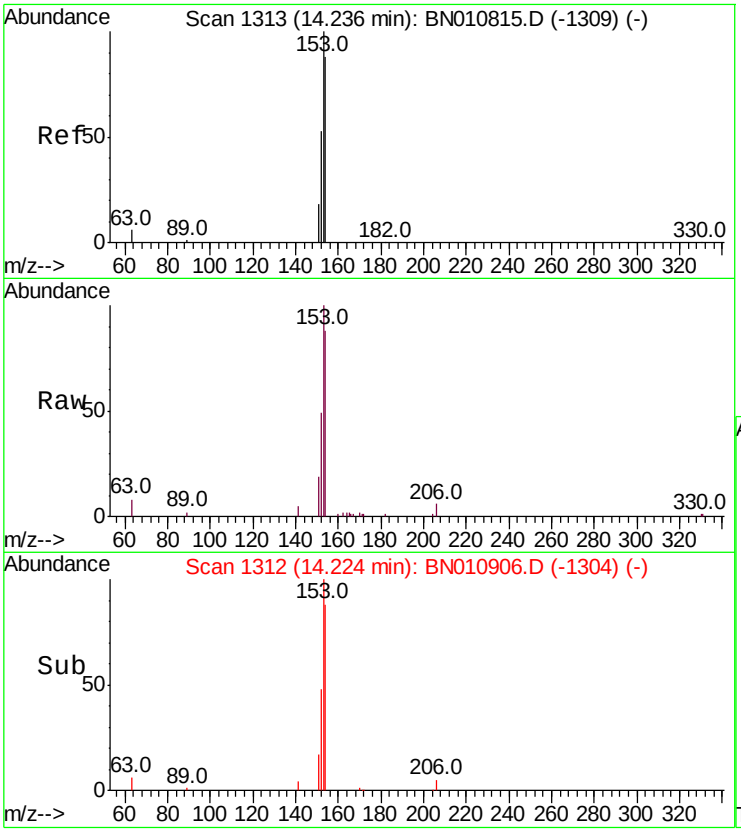


#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:152 Resp: 7455

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.6	23.4
153	13.5	10.6	16.0



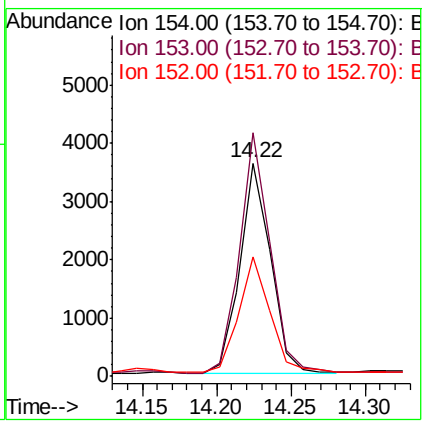


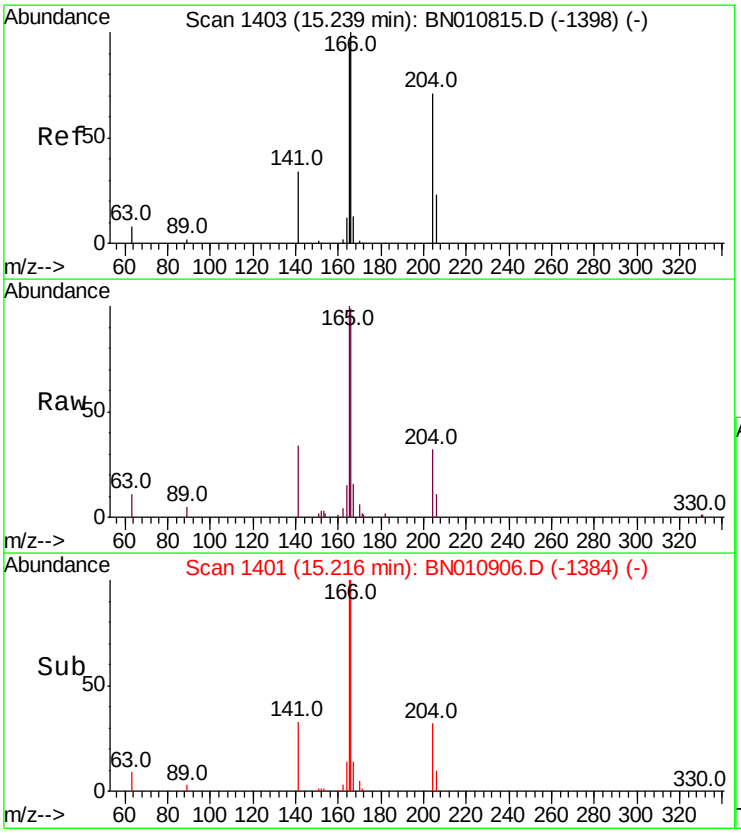
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:154 Resp: 5141

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.8	137.6
152	56.6	47.6	71.4

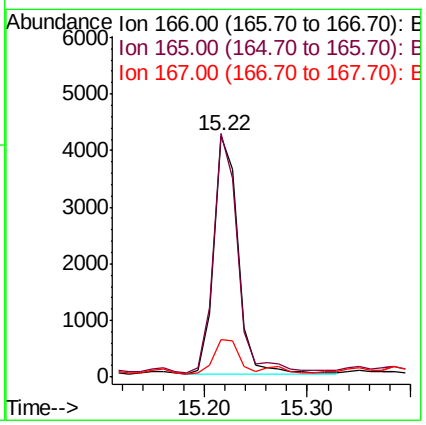


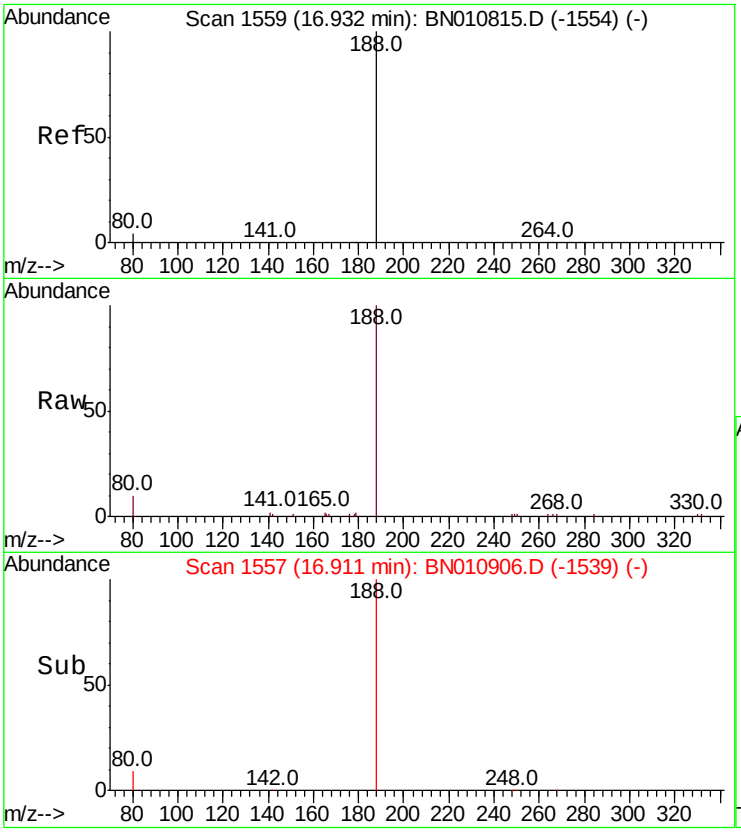


#18
Fluorene
Concen: 0.400 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:166 Resp: 6851

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.2	115.8
167	14.7	10.7	16.1



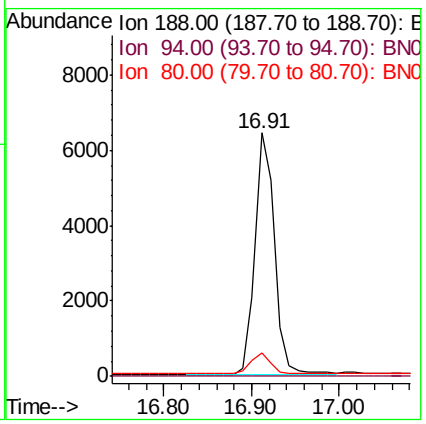


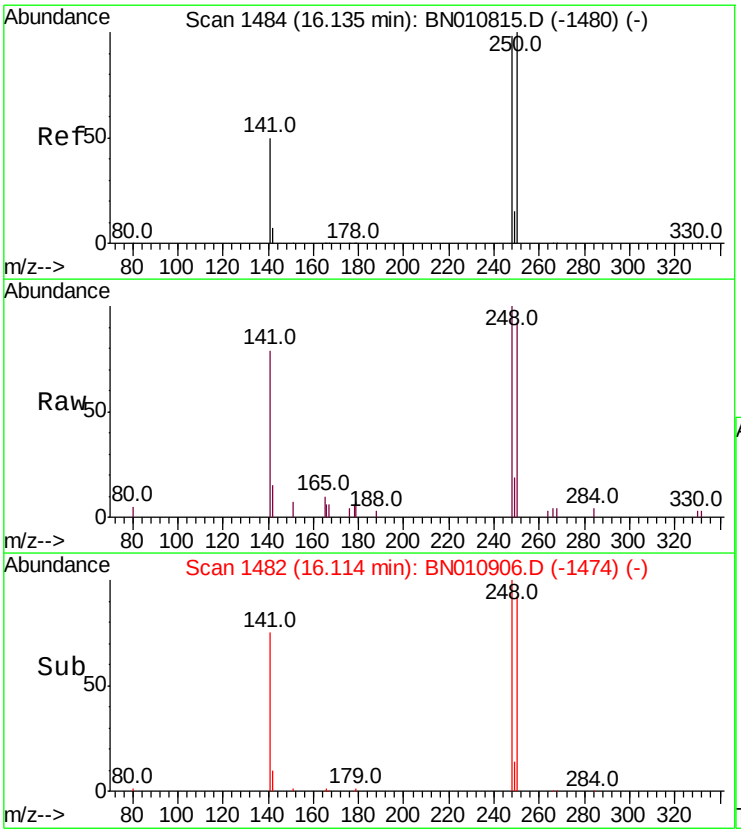
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:188 Resp: 9953

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	4.5	6.7#

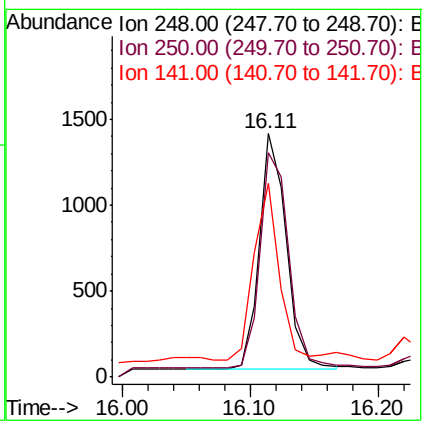


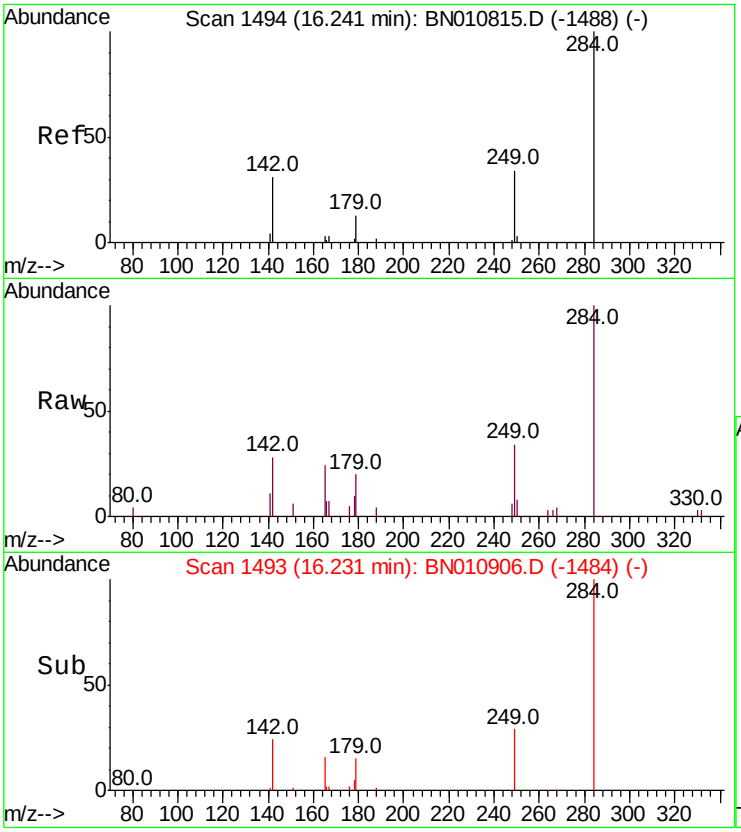


#20
4-Bromophenyl-phenylether
Concen: 0.337 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:248 Resp: 2014

Ion	Ratio	Lower	Upper
248	100		
250	92.3	81.8	122.8
141	79.5	42.6	64.0#



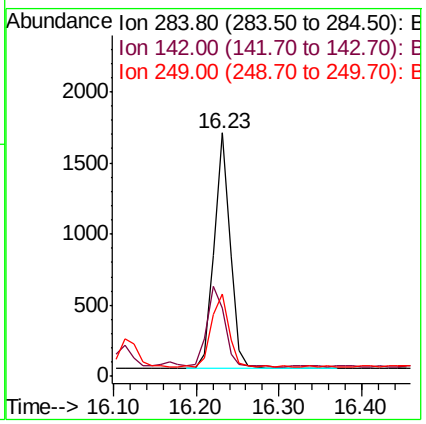


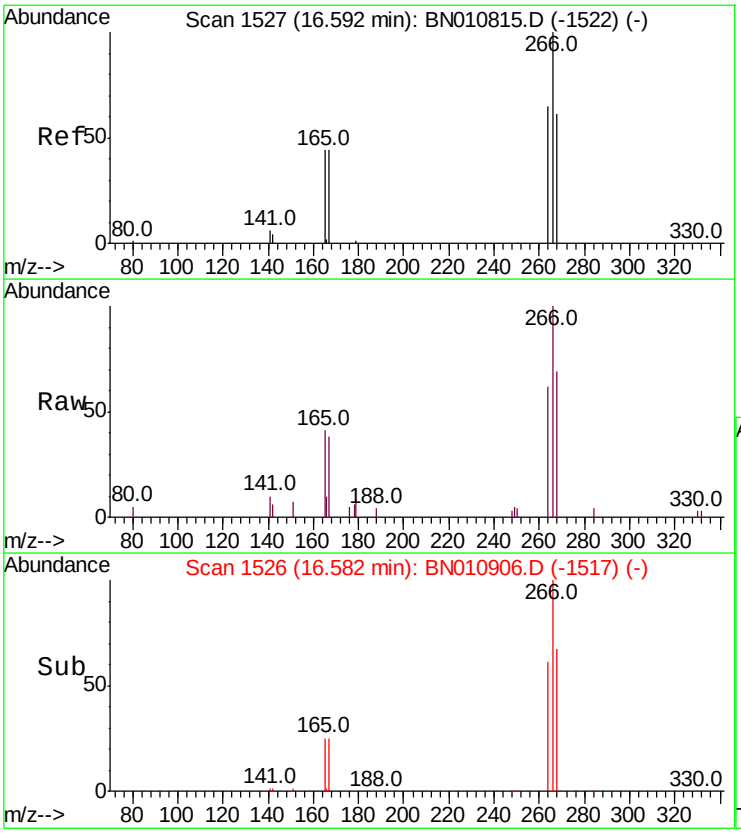
#21
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.23 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:284 Resp: 2249

Ion	Ratio	Lower	Upper
284	100		
142	37.3	31.0	46.4
249	33.2	27.1	40.7

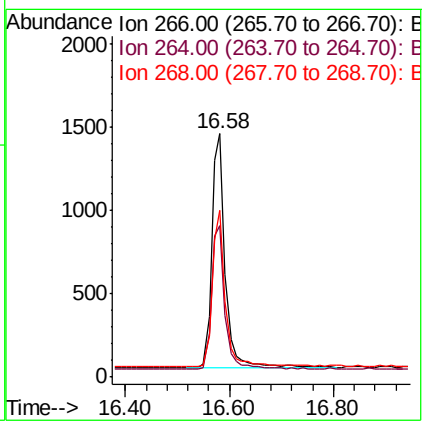


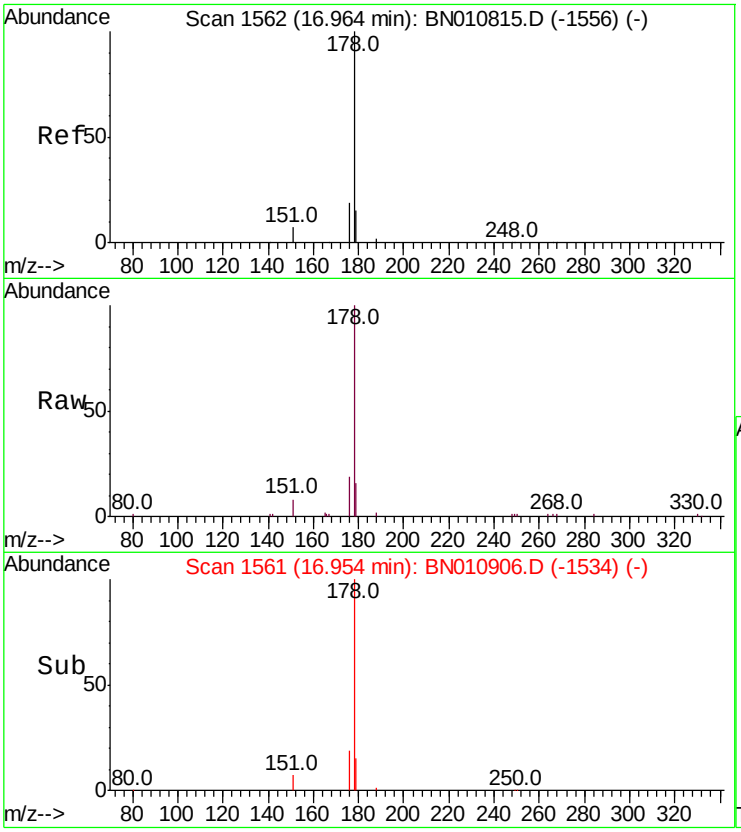


#22
Pentachlorophenol
Concen: 1.237 ng
RT: 16.58 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:266 Resp: 2591

Ion	Ratio	Lower	Upper
266	100		
264	62.4	54.8	82.2
268	68.7	55.9	83.9



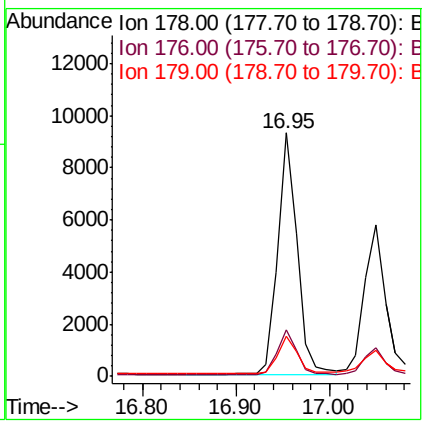


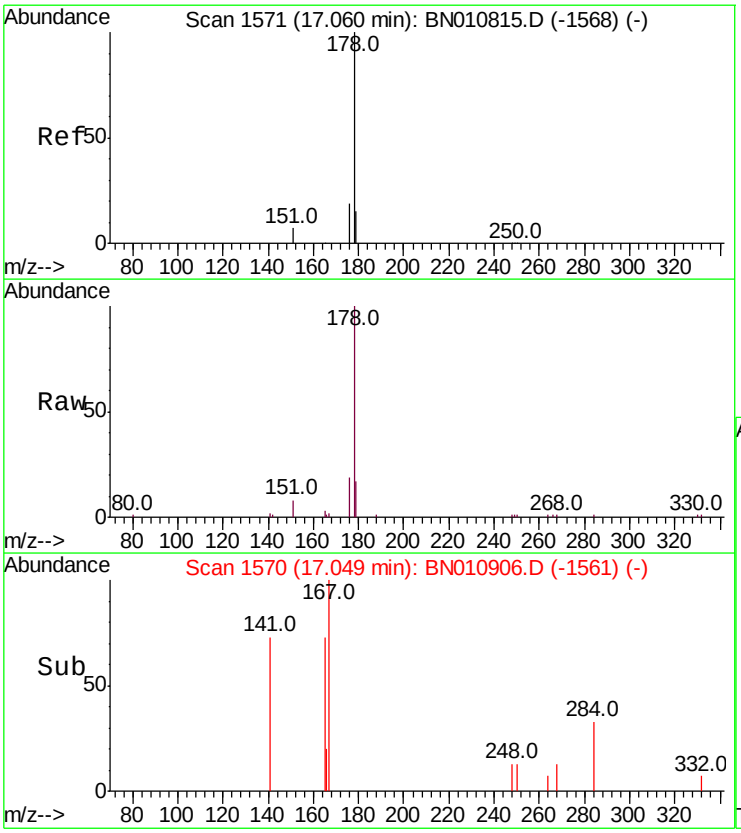
#23
Phenanthrene
Concen: 0.489 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:178 Resp: 13286

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	16.3	12.6	19.0

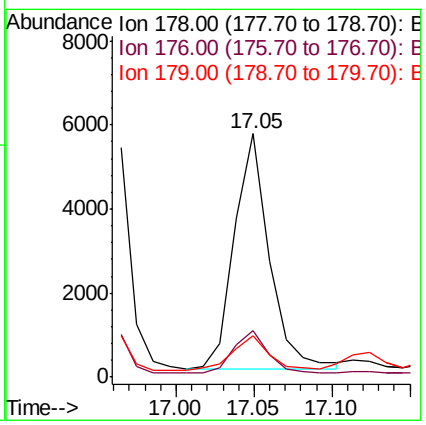


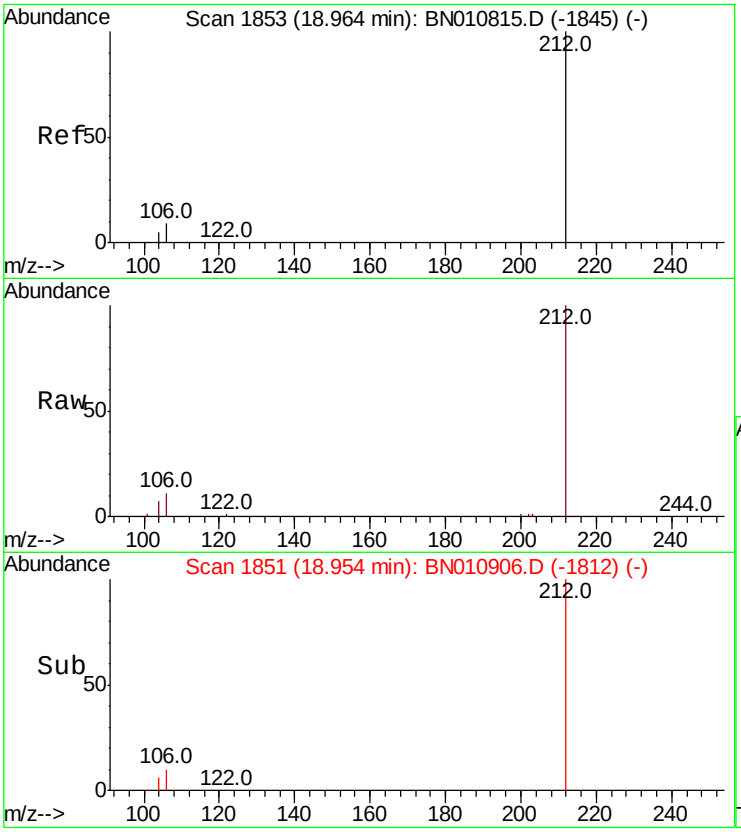


#24
Anthracene
Concen: 0.383 ng
RT: 17.05 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:178 Resp: 8687

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.5	12.3	18.5



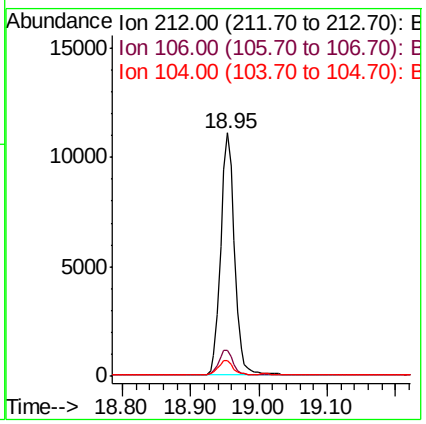


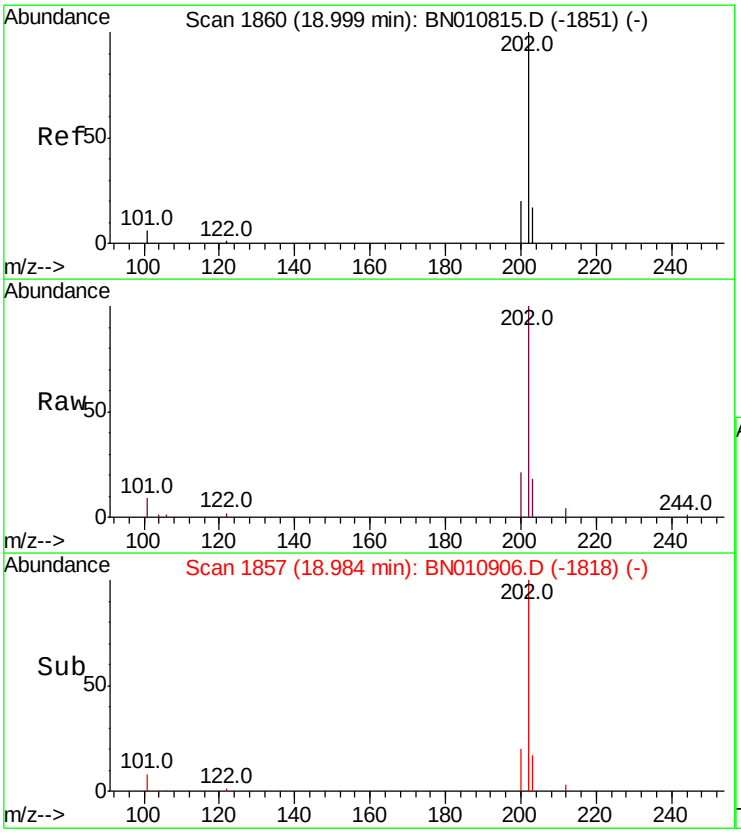
#25
Fluoranthene-d10
Concen: 0.568 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:212 Resp: 15598

Ion	Ratio	Lower	Upper
212	100		
106	10.1	6.6	10.0#
104	6.0	4.0	6.0

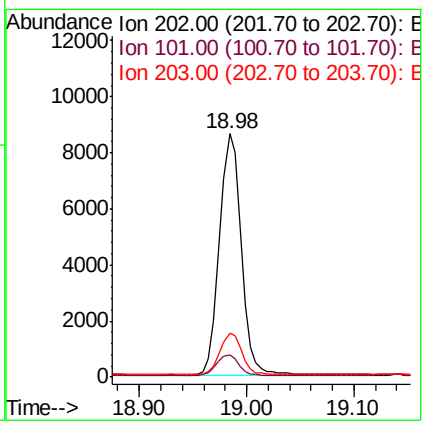


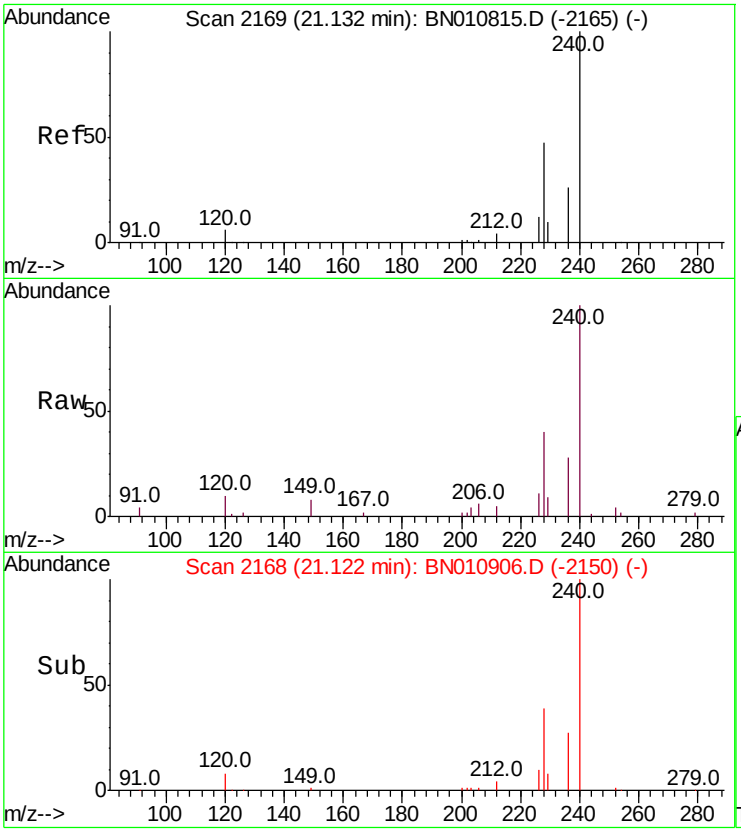


#26
Fluoranthene
Concen: 0.393 ng
RT: 18.98 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:202 Resp: 12136

Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.8	8.6#
203	16.9	13.7	20.5



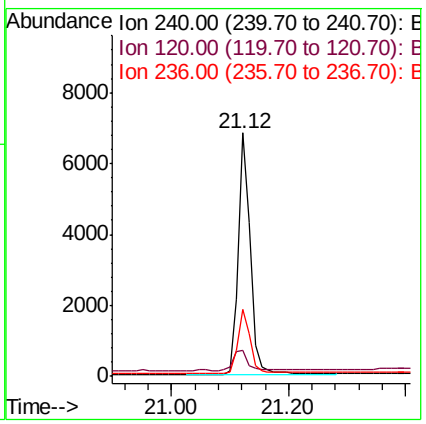


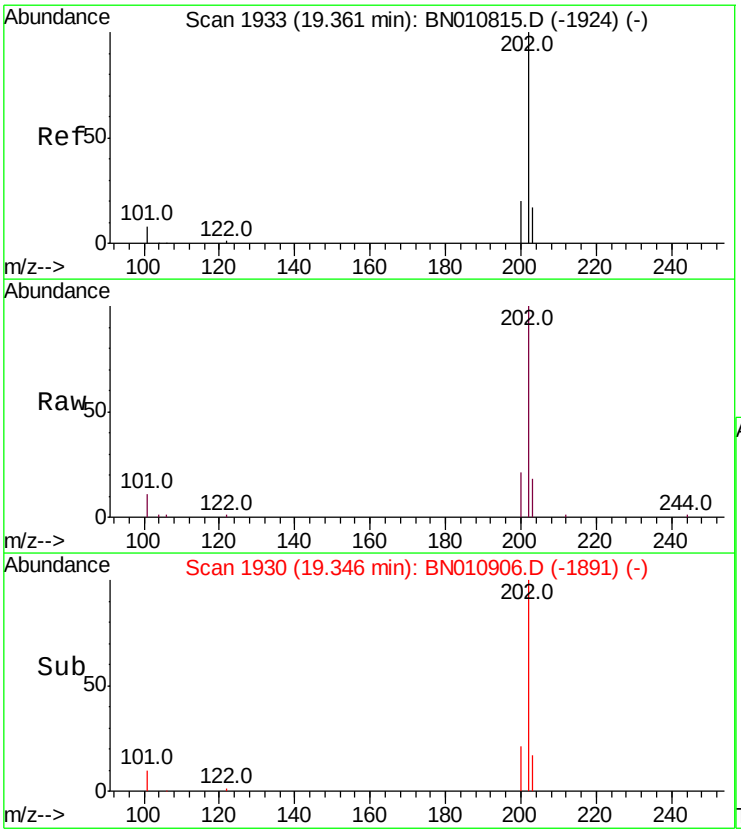
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:240 Resp: 9474

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.5	11.3
236	27.7	22.3	33.5

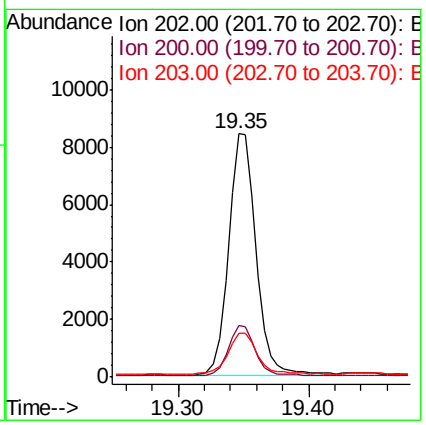


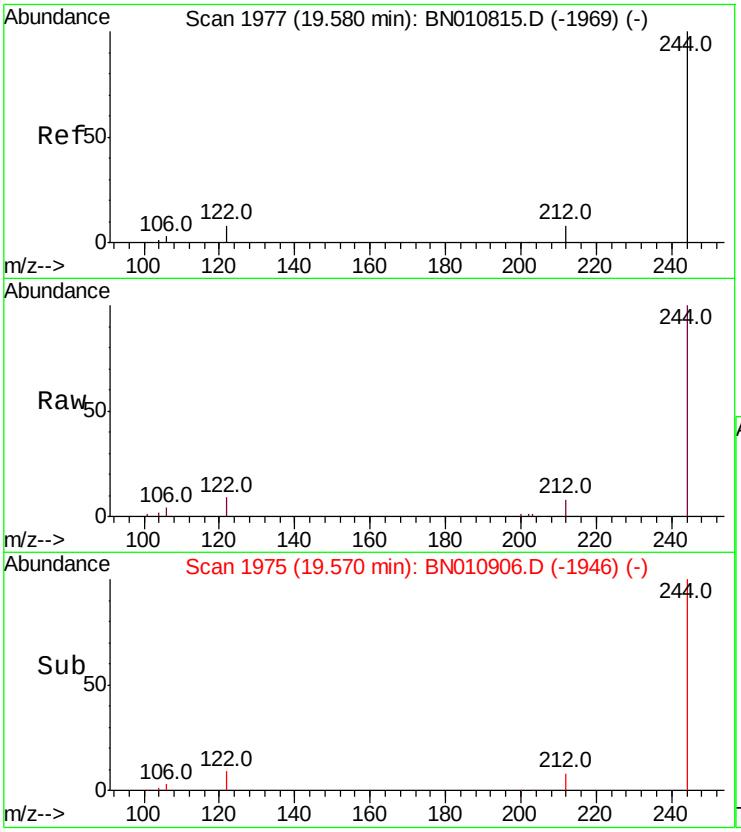


#28
Pyrene
Concen: 0.393 ng
RT: 19.35 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:202 Resp: 12303

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	18.5	14.2	21.4



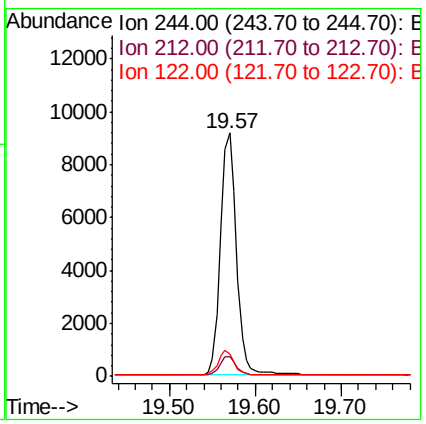


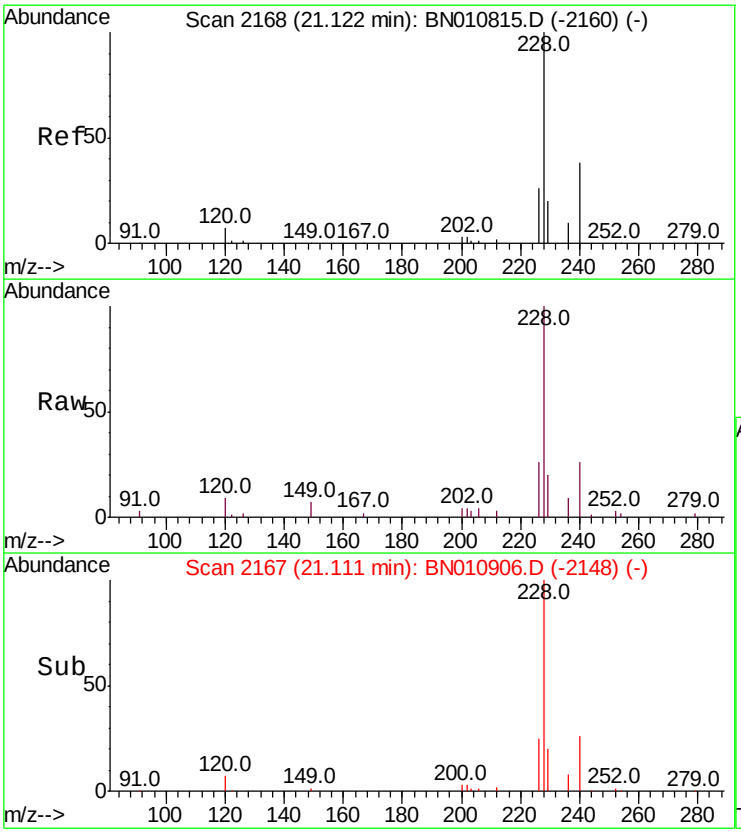
#29
Terphenyl-d14
Concen: 0.540 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:244 Resp: 11982

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.4	11.2
122	9.3	7.5	11.3

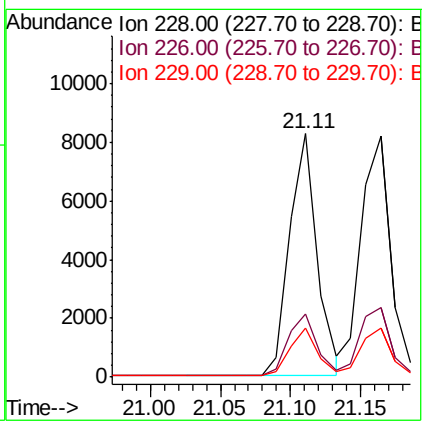


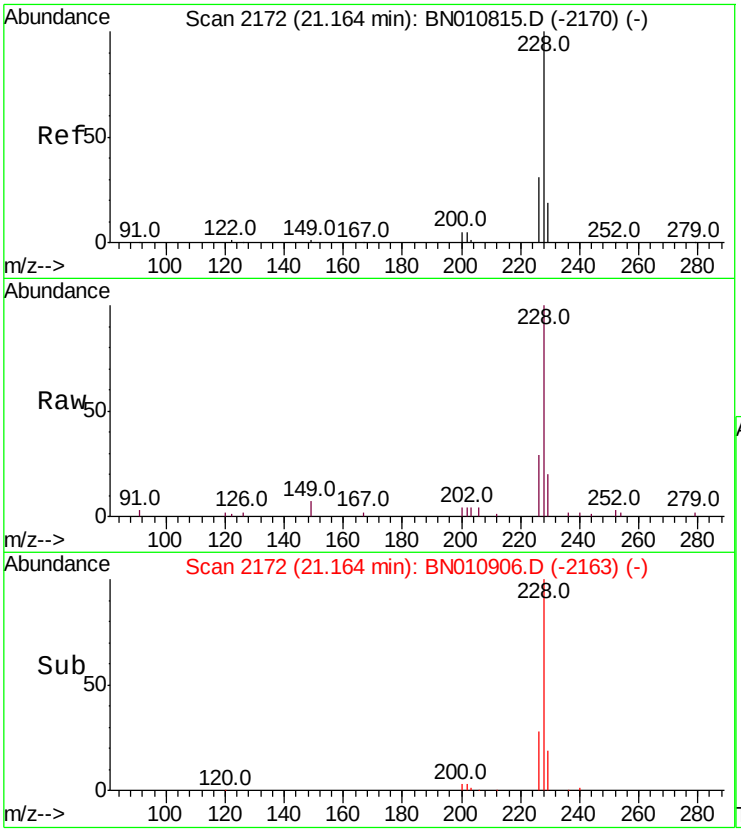


#30
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:228 Resp: 11252

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.3	31.9
229	20.3	16.6	24.8



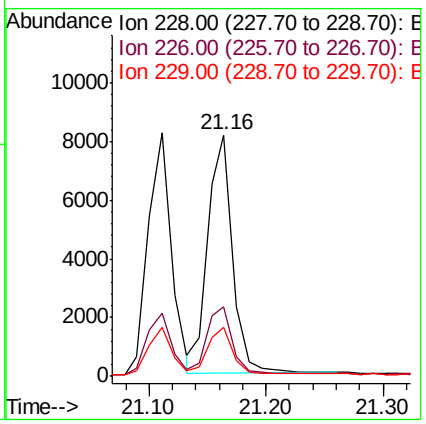


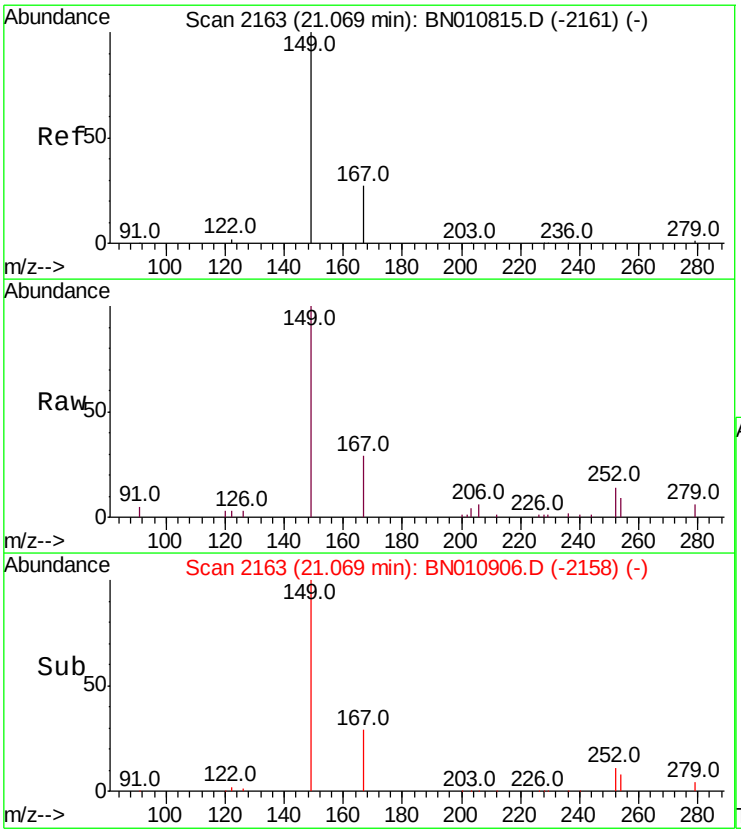
#31
Chrysene
Concen: 0.372 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:228 Resp: 12072

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	20.2	16.1	24.1

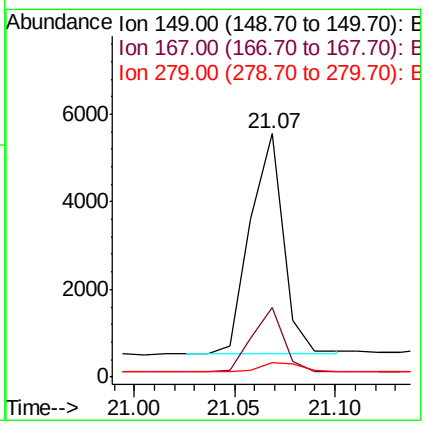


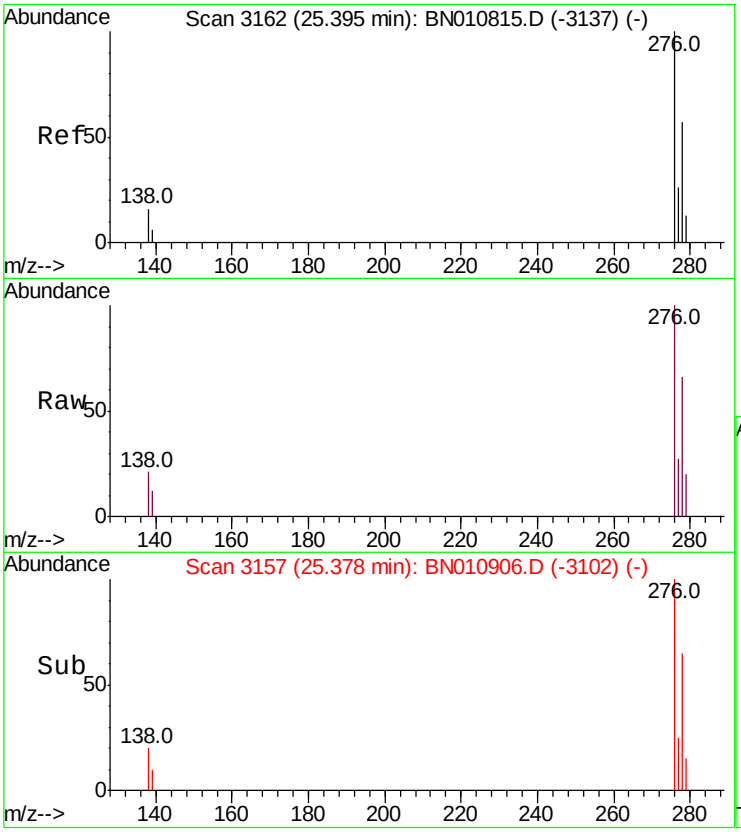


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.632 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:149 Resp: 5867

Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.1	36.1
279	5.2	4.6	7.0



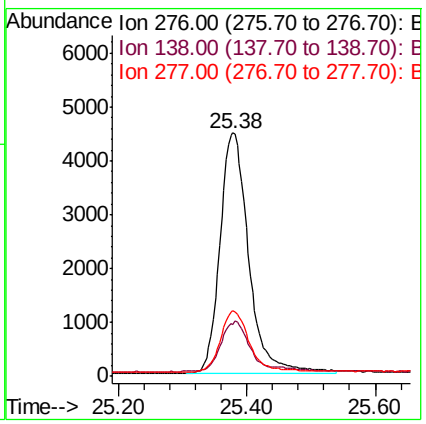


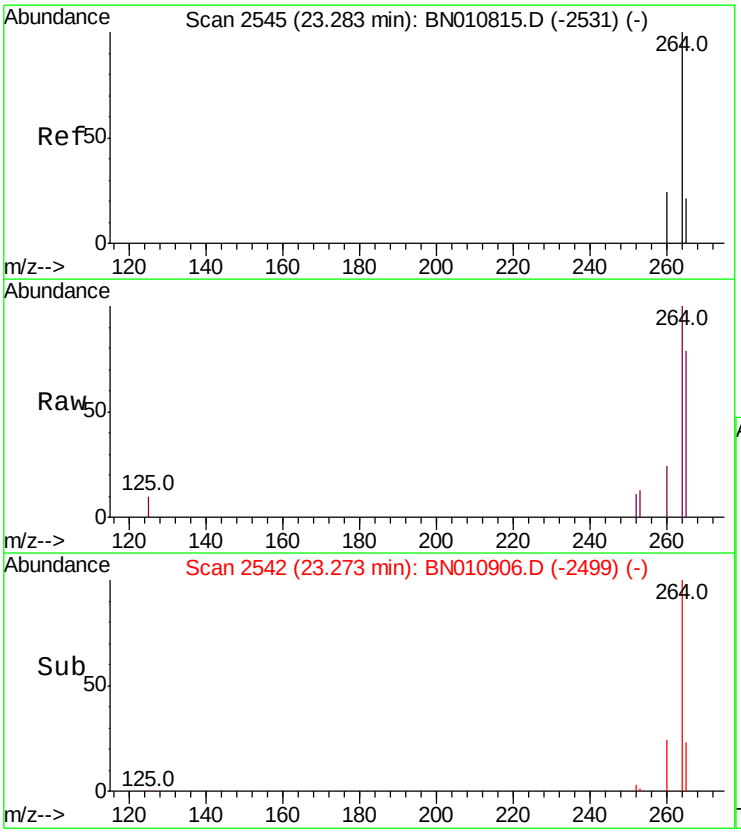
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 25.38 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:276 Resp: 13922

Ion	Ratio	Lower	Upper
276	100		
138	21.2	13.0	19.6#
277	24.8	19.7	29.5

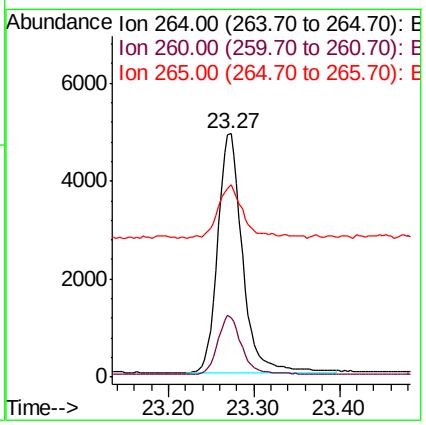


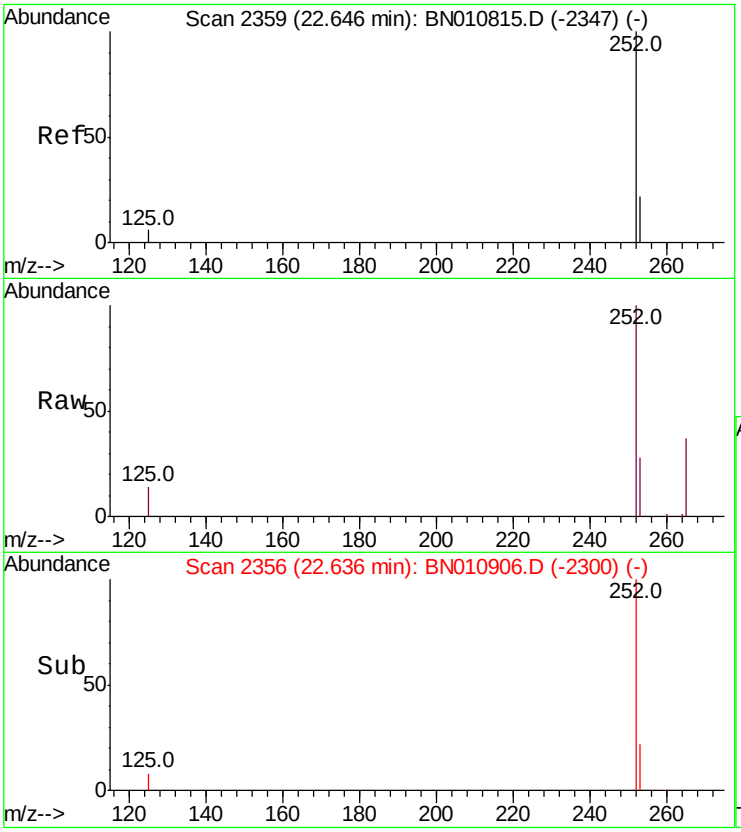


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:264 Resp: 9818

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	79.2	75.0	112.4



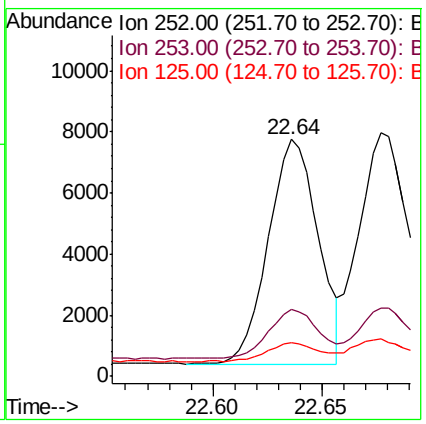


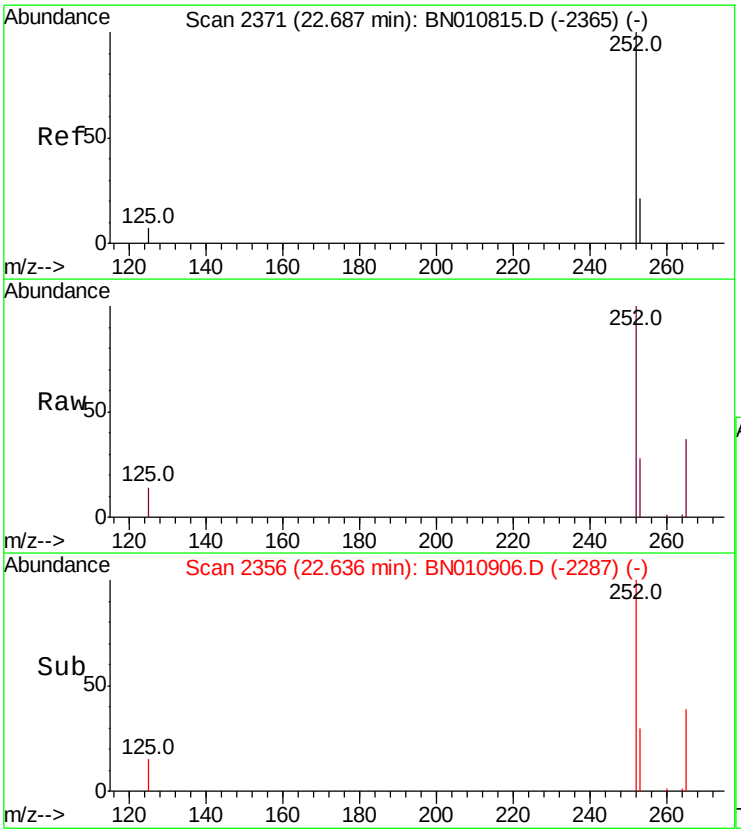
#35
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 22.64 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:252 Resp: 11678

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.4	33.6
125	14.1	9.4	14.0#

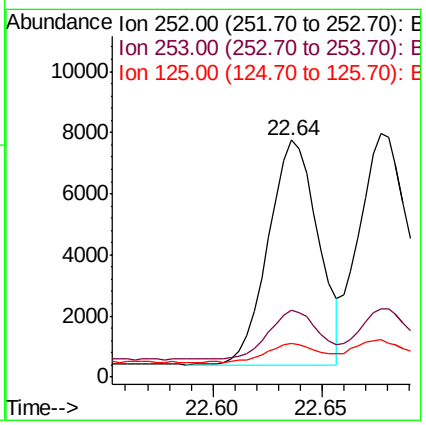


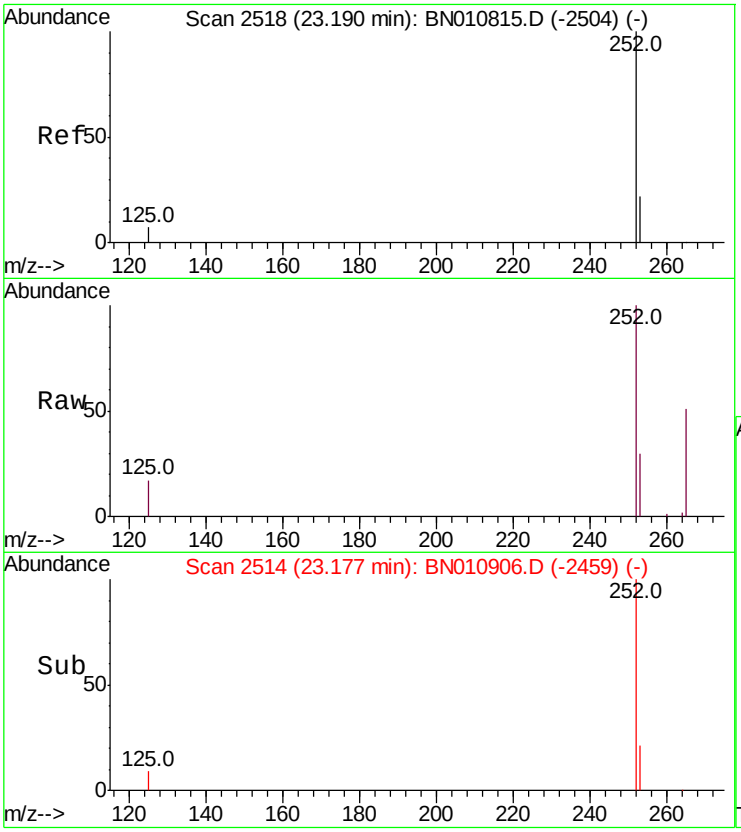


#36
Benzo(k)fluoranthene
Concen: 0.328 ng
RT: 22.64 min Scan# 2356
Delta R.T. -0.05 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:252 Resp: 11678

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.2	33.4
125	14.1	9.8	14.8



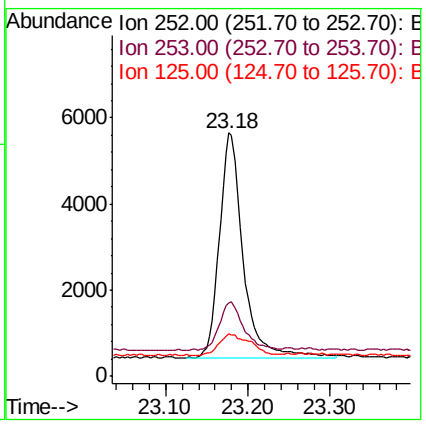


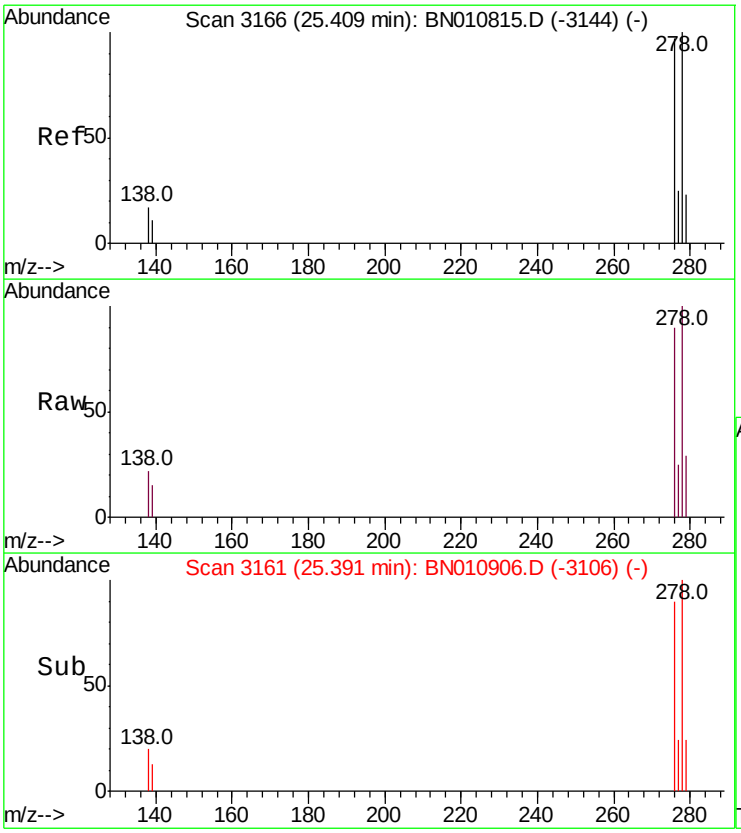
#37
Benzo(a)pyrene
Concen: 0.369 ng
RT: 23.18 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:252 Resp: 10559

Ion	Ratio	Lower	Upper
252	100		
253	30.4	25.8	38.8
125	17.4	12.4	18.6

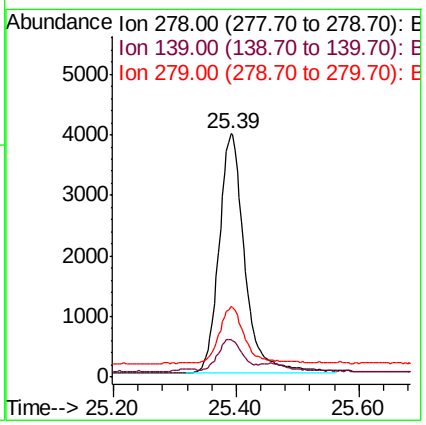


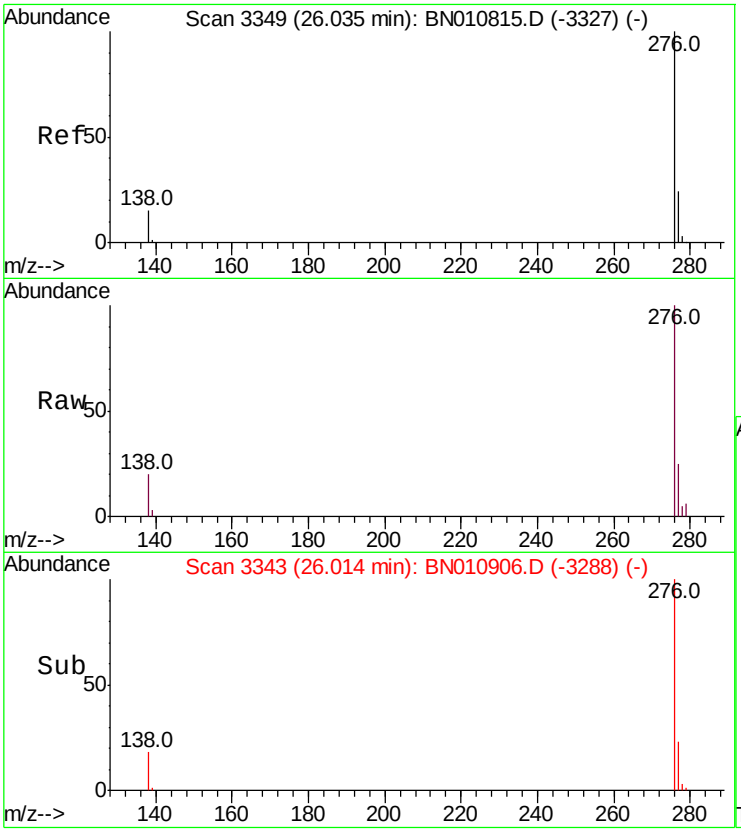


#38
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 25.39 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Tgt Ion:278 Resp: 11538

Ion	Ratio	Lower	Upper
278	100		
139	15.3	10.6	15.8
279	29.0	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 26.01 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BN010906.D
Acq: 16 Jun 2020 14:43

Instrument :
BNA_N
ClientSampleId :
RE117D1-20200611MS

Tgt Ion:276 Resp: 12292

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.5	30.7
138	20.0	13.7	20.5