Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010465.D
Acq On : 13 Apr 2020 13:48
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Apr 13 14:57:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 14:54:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4194	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	17385	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	11049	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	24884	0.40	ng		0.00
27) Chrysene-d12	21.19	240	23957	0.40	ng		0.00
34) Perylene-d12	23.36	264	21474	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	1998	0.24	ng		0.00
5) Phenol-d6	6.80	99	2543	0.25	ng		0.00
8) Nitrobenzene-d5	8.74	82	2352	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	11.96	152	5761	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	942	0.22	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	8074	0.19	ng		0.00
25) Fluoranthene-d10	19.02	212	14613	0.19	ng		0.00
29) Terphenyl-d14	19.63	244	11145	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	646	0.164	ng		98
3) n-Nitrosodimethylamine	3.58	42	358	0.108	ng	#	83
6) bis(2-Chloroethyl)ether	7.05	93	2206	0.222	ng		97
9) Naphthalene	10.42	128	8700	0.201	ng		98
10) Hexachlorobutadiene	10.72	225	2122	0.202	ng	#	100
12) 2-Methylnaphthalene	12.04	142	6202	0.206	ng		100
16) Acenaphthylene	13.95	152	9037	0.208	ng		99
17) Acenaphthene	14.29	154	6066	0.196	ng		100
18) Fluorene	15.28	166	7870	0.192	ng		100
20) 4-Bromophenyl-phenylether	16.18	248	2624	0.174	ng	#	80
21) Hexachlorobenzene	16.29	284	3217	0.207	ng		99
22) Pentachlorophenol	16.65	266	996	0.188	ng		97
23) Phenanthrene	17.02	178	13065	0.191	ng		100
24) Anthracene	17.11	178	11695	0.200	ng		99
26) Fluoranthene	19.04	202	16281	0.194	ng		99
28) Pyrene	19.41	202	16682	0.224	ng		100
30) Benzo(a)anthracene	21.16	228	15701	0.206	ng		97
31) Chrysene	21.22	228	16271	0.199	ng		100
32) Bis(2-ethylhexyl)phthalate	21.12	149	8161	0.317	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	14239	0.162	ng		99
35) Benzo(b)fluoranthene	22.71	252	14414	0.198	ng	#	92
36) Benzo(k)fluoranthene	22.76	252	14286	0.192	ng	#	91
37) Benzo(a)pyrene	23.27	252	12498	0.203	ng	#	90
38) Dibenzo(a,h)anthracene	25.52	278	11482	0.173	ng		93
39) Benzo(g,h,i)perylene	26.16	276	11789	0.176	ng		95

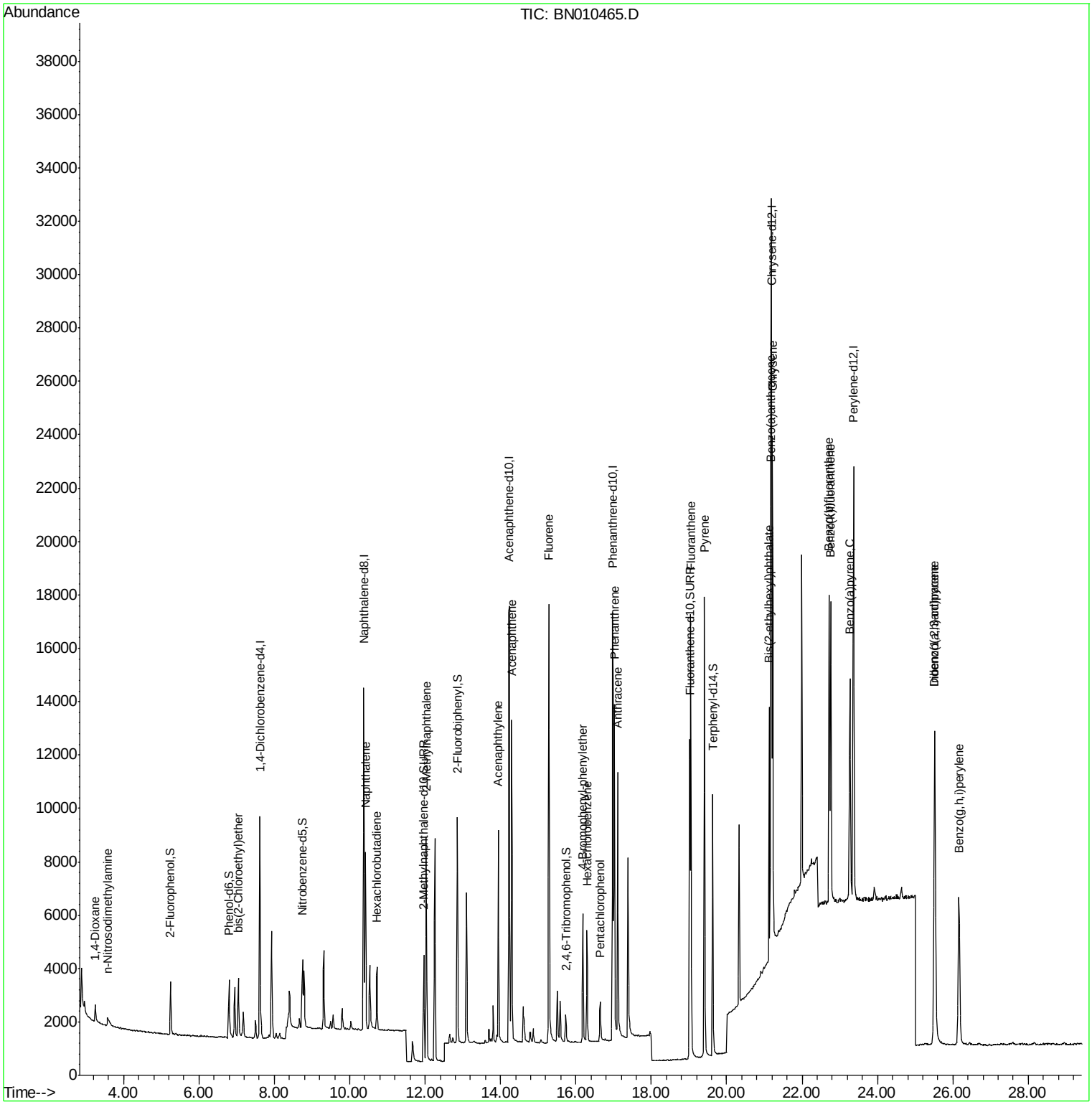
(#) = qualifier out of range (m) = manual integration (+) = signals summed

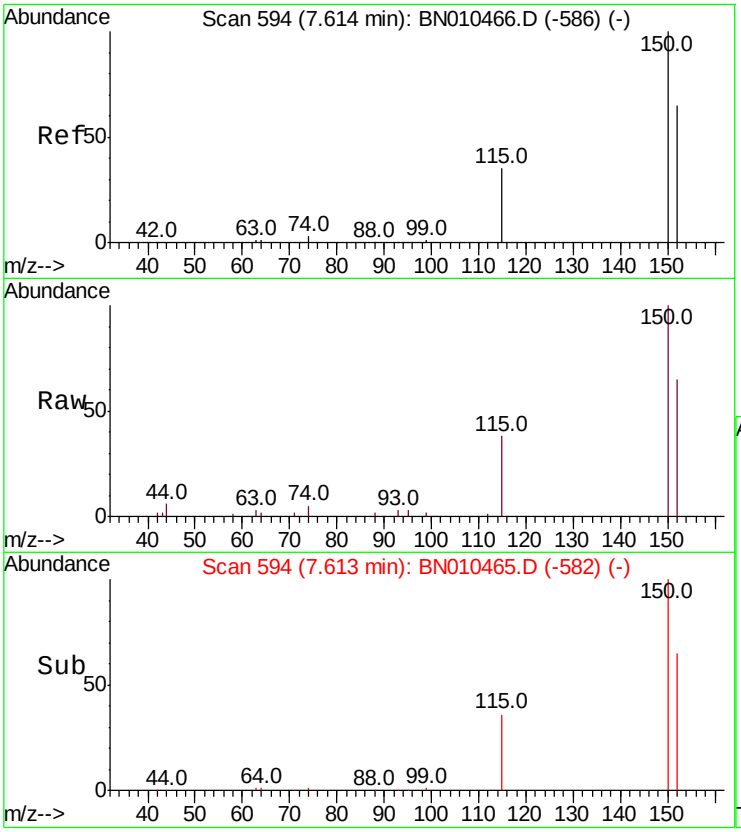
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010465.D
Acq On : 13 Apr 2020 13:48
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Apr 13 14:57:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 14:54:53 2020
Response via : Initial Calibration



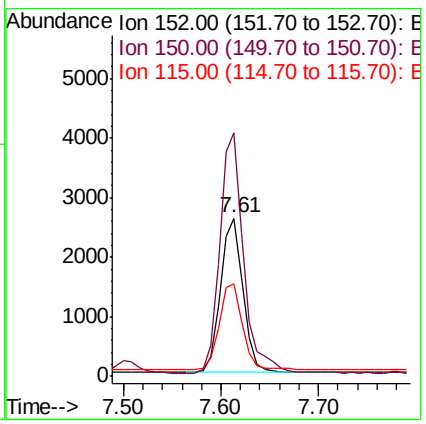


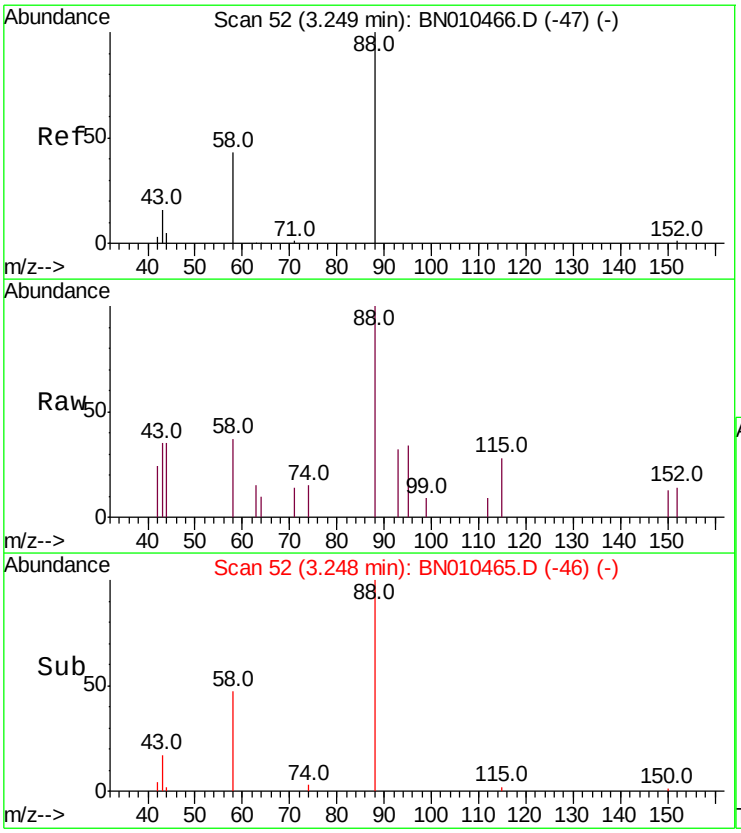
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4194

Ion	Ratio	Lower	Upper
152	100		
150	154.2	121.8	182.6
115	58.5	45.5	68.3

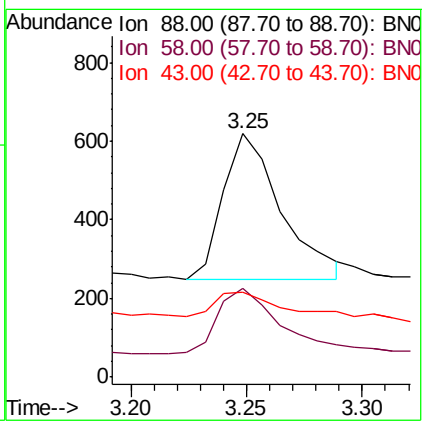


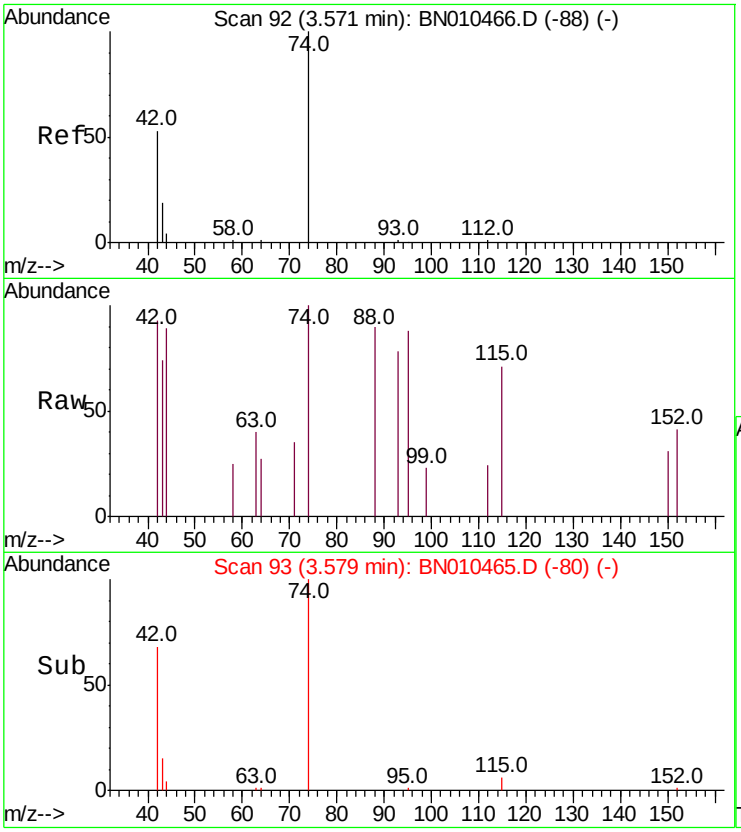


#2
1,4-Dioxane
Concen: 0.164 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion: 88 Resp: 646

Ion	Ratio	Lower	Upper
88	100		
58	46.9	36.5	54.7
43	17.3	13.2	19.8



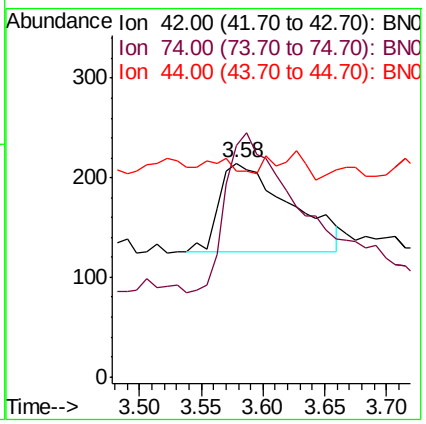


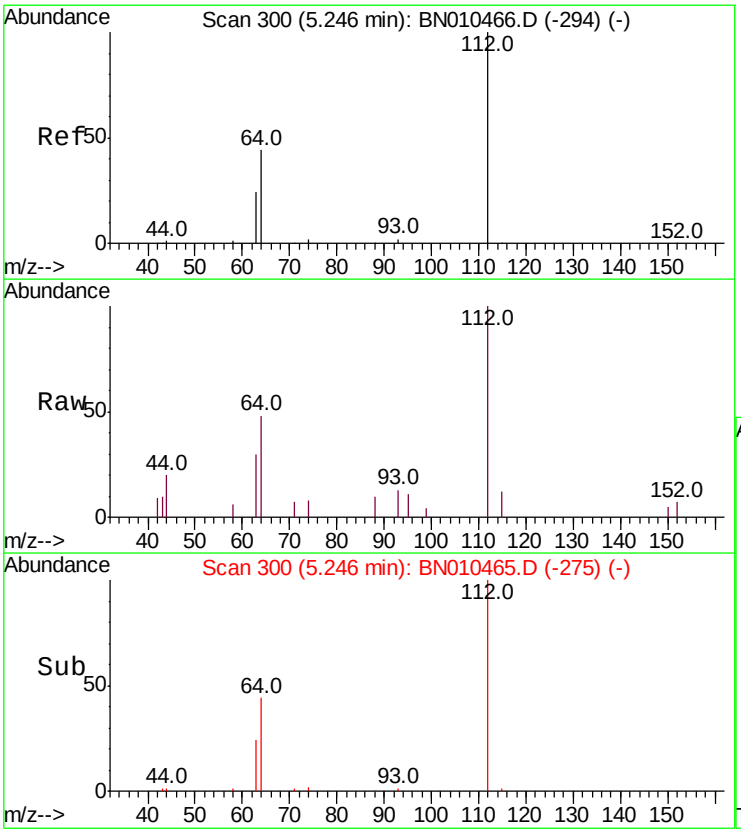
#3
n-Nitrosodimethylamine
Concen: 0.108 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.01 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 358

Ion	Ratio	Lower	Upper
42	100		
74	177.1	162.2	243.4
44	9.2	2.4	3.6#

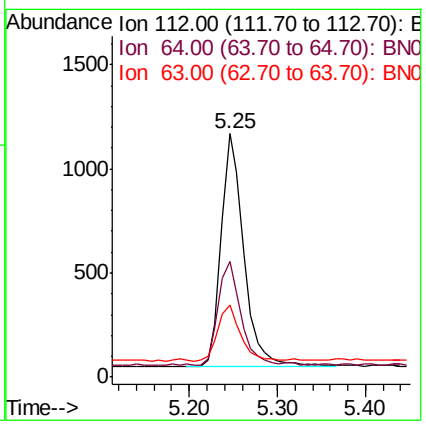


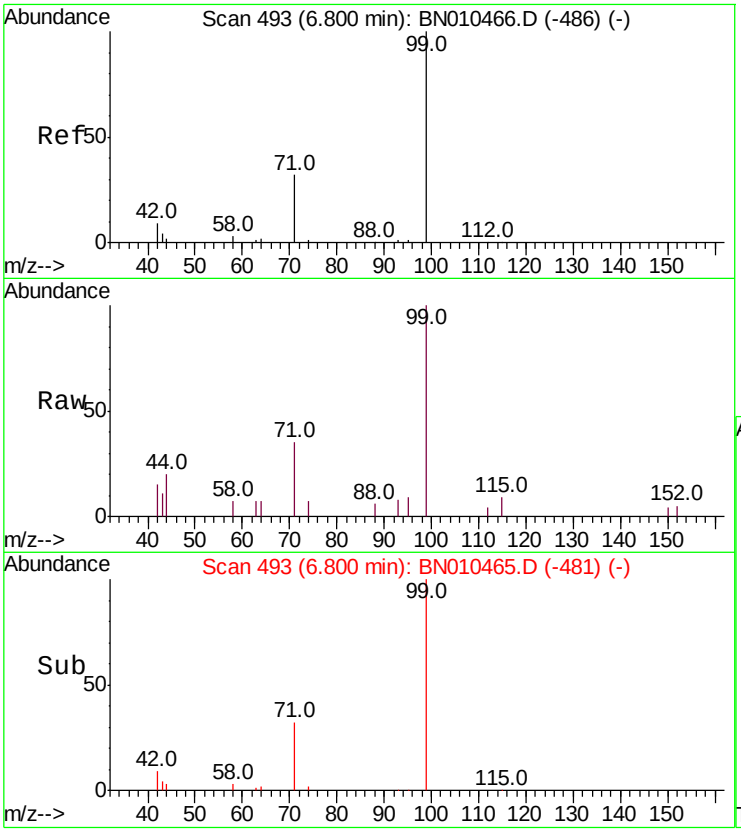


#4
2-Fluorophenol
Concen: 0.241 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:112 Resp: 1998

Ion	Ratio	Lower	Upper
112	100		
64	44.2	35.8	53.8
63	24.5	19.9	29.9



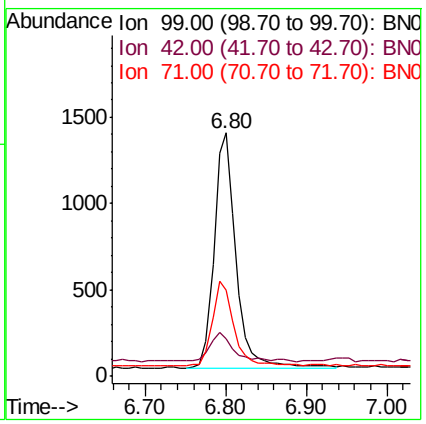


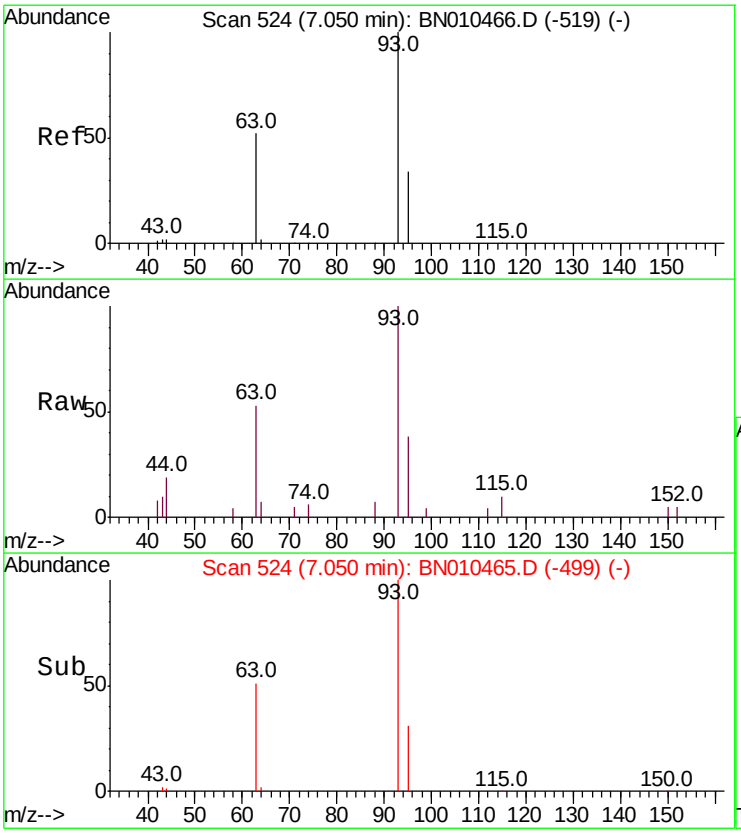
#5
Phenol-d6
Concen: 0.246 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2543

Ion	Ratio	Lower	Upper
99	100		
42	12.1	9.8	14.6
71	34.9	27.8	41.8

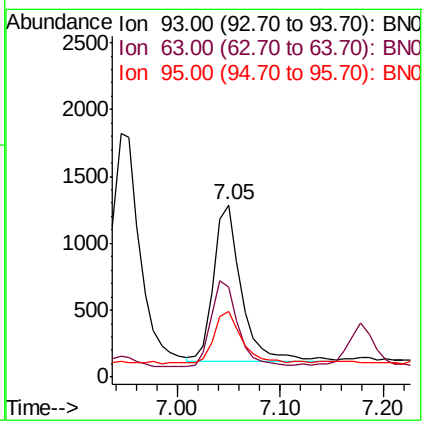


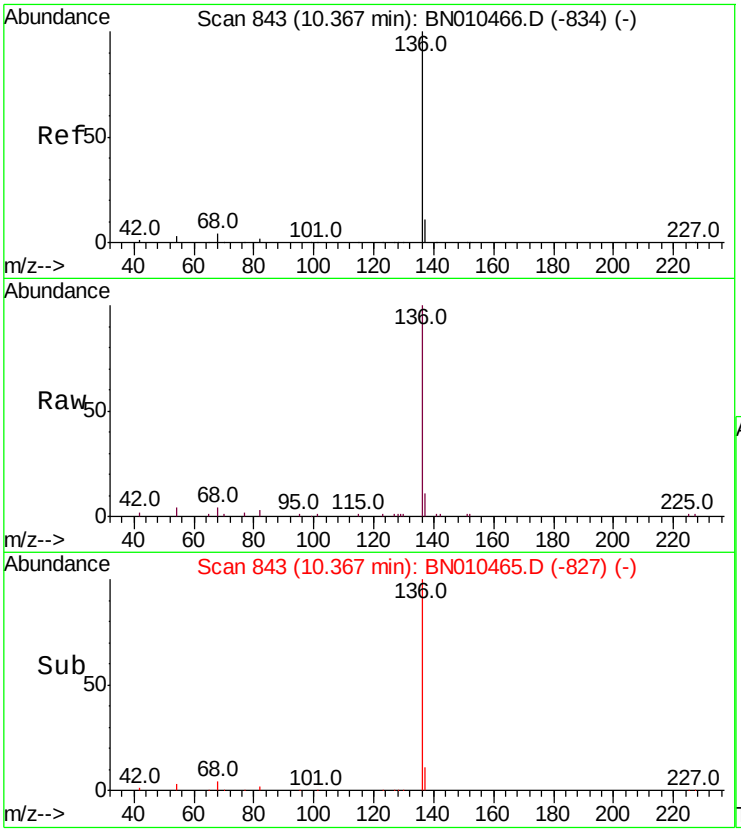


#6
bis(2-Chloroethyl)ether
Concen: 0.222 ng
RT: 7.05 min Scan# 524
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion: 93 Resp: 2206

Ion	Ratio	Lower	Upper
93	100		
63	53.1	44.6	66.8
95	32.0	26.5	39.7



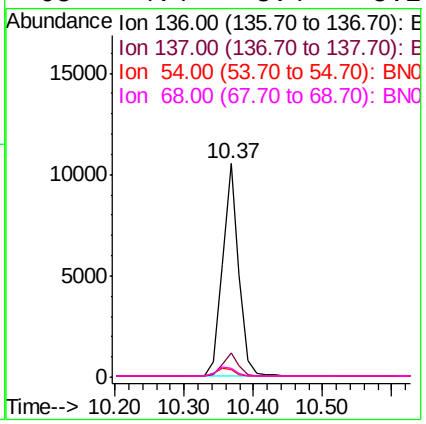


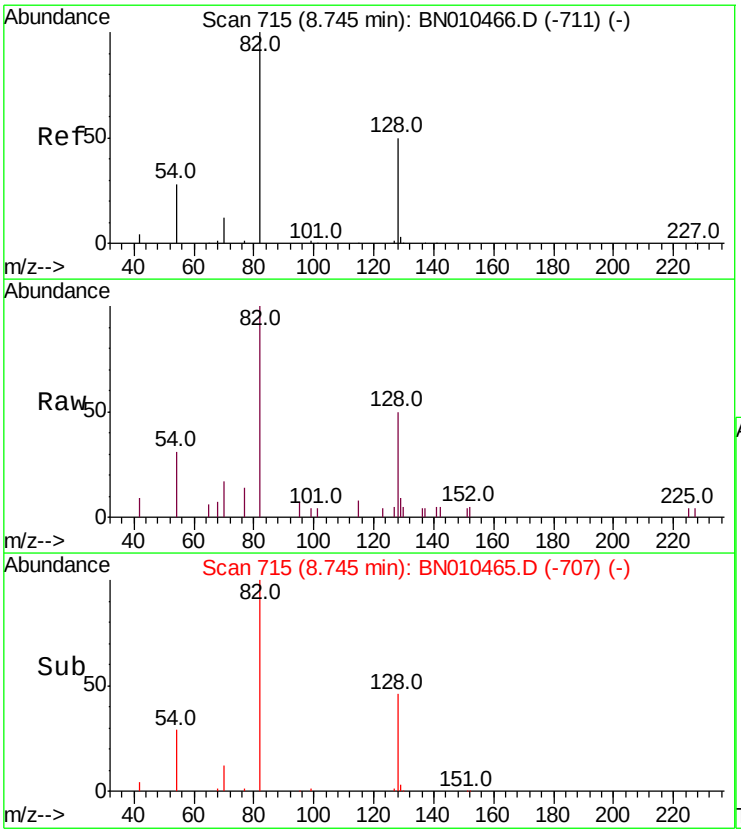
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 17385

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	3.6	2.6	4.0
68	4.4	3.4	5.2

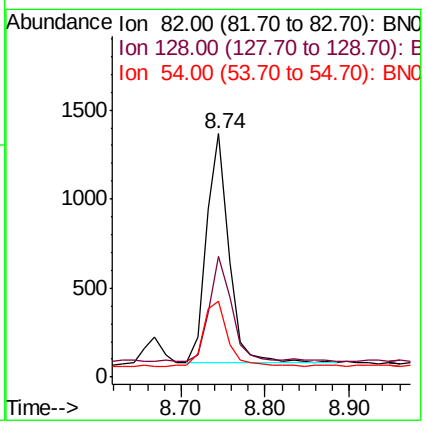


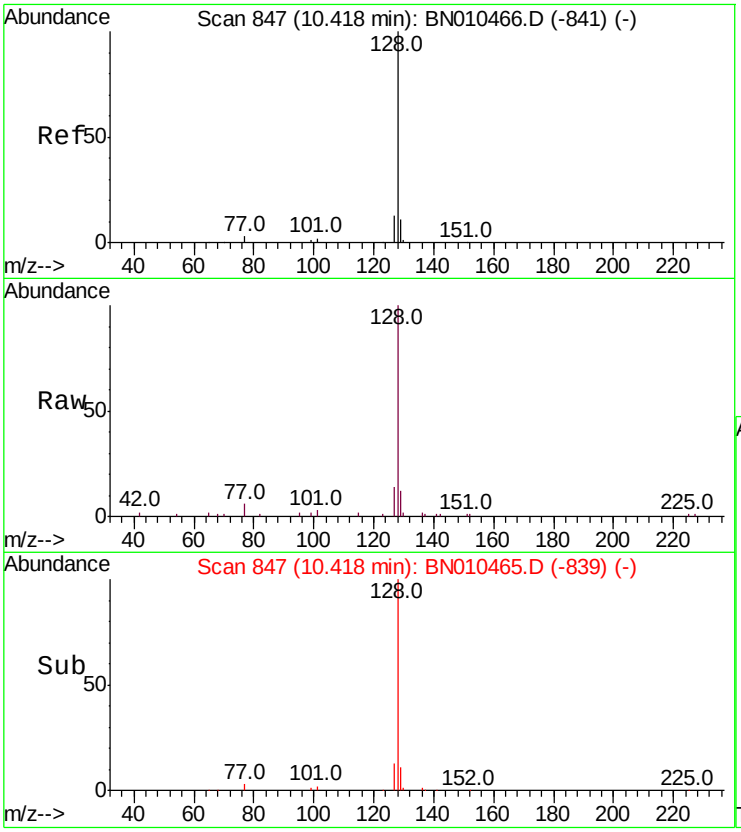


#8
Nitrobenzene-d5
Concen: 0.211 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion: 82 Resp: 2352

Ion	Ratio	Lower	Upper
82	100		
128	49.7	41.3	61.9
54	31.5	23.4	35.0



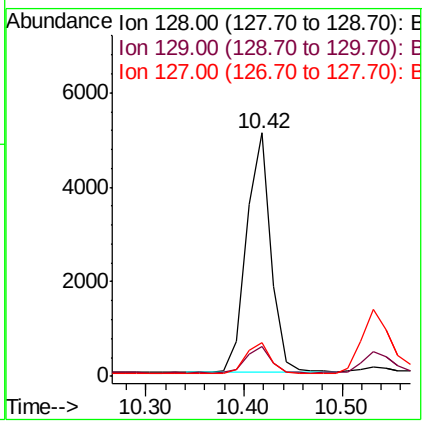


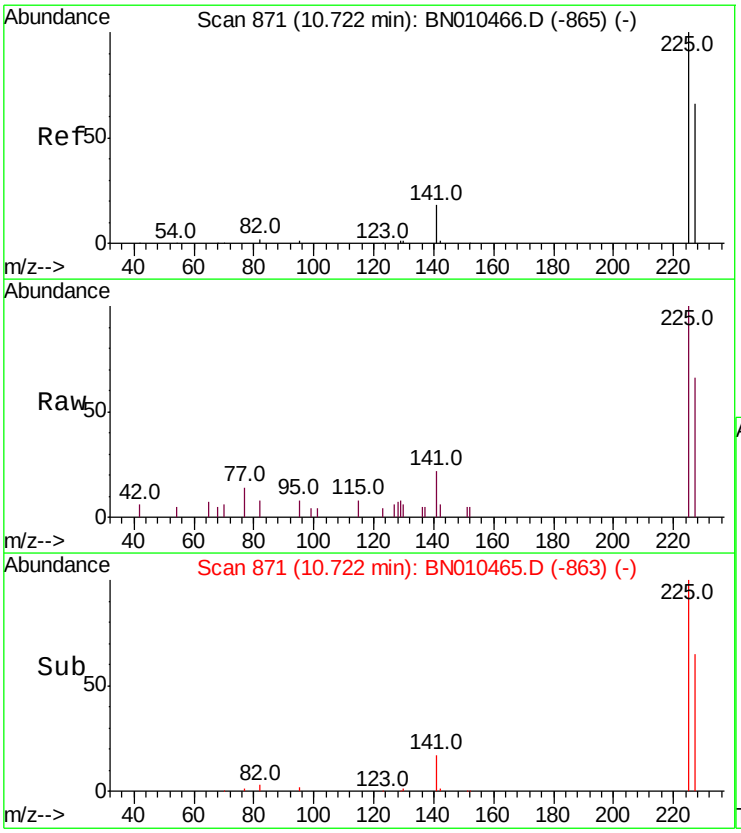
#9
Naphthalene
Concen: 0.201 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 8700

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	14.0	10.5	15.7

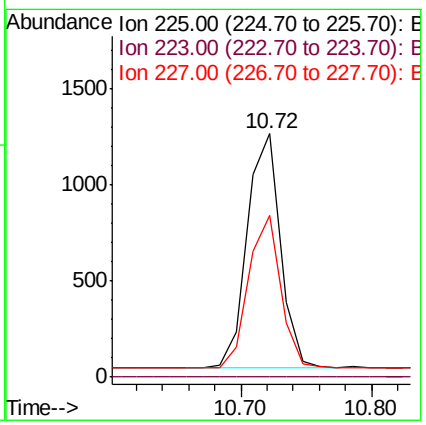


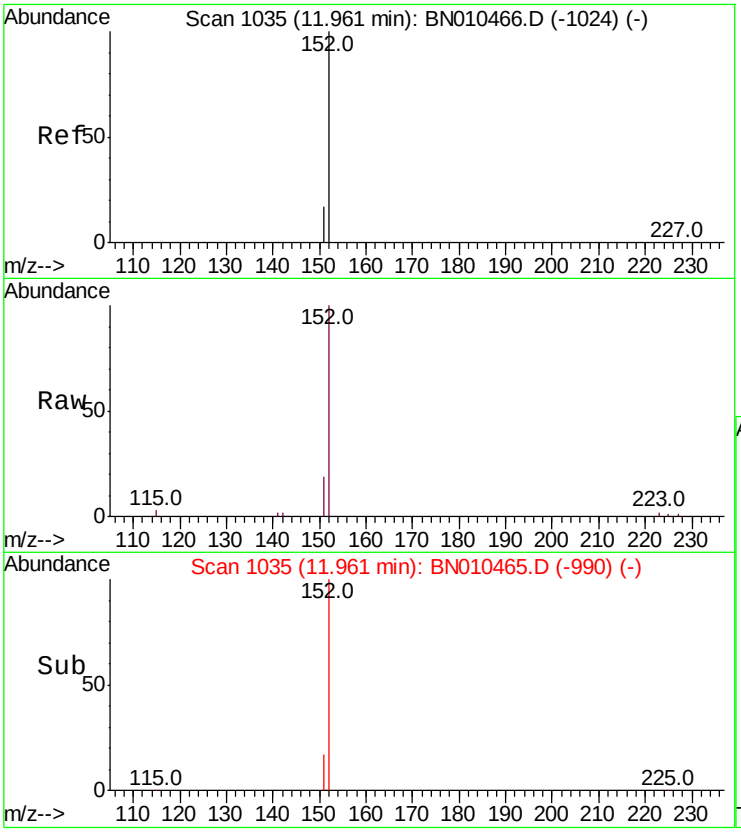


#10
Hexachlorobutadiene
Concen: 0.202 ng
RT: 10.72 min Scan# 871
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:225 Resp: 2122

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.6	76.0



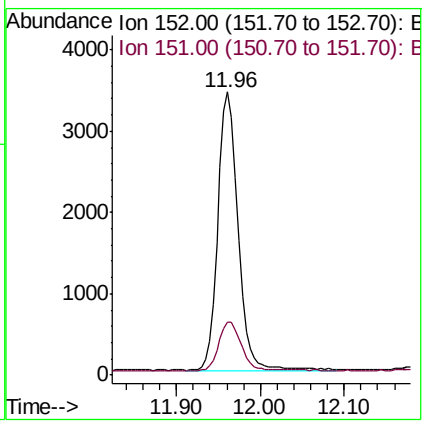


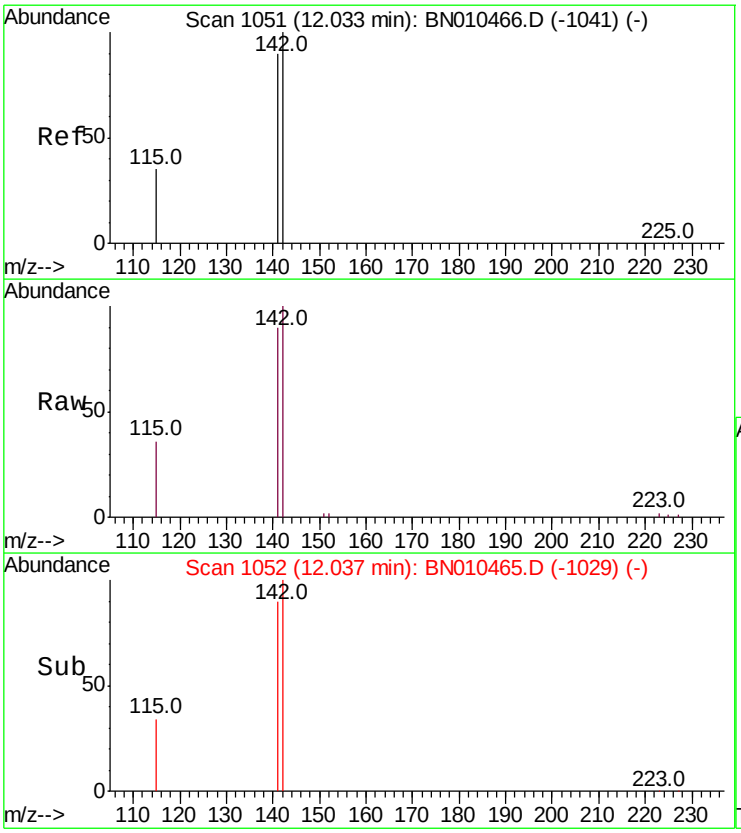
#11
2-Methylnaphthalene-d10
Concen: 0.208 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5761

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9

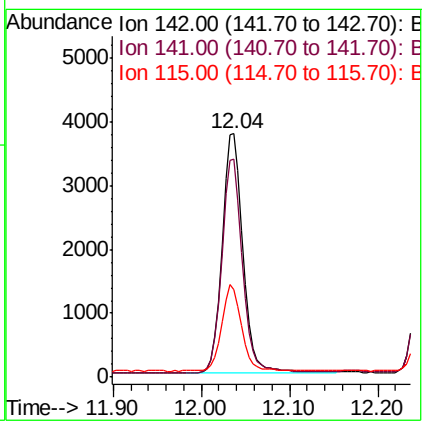


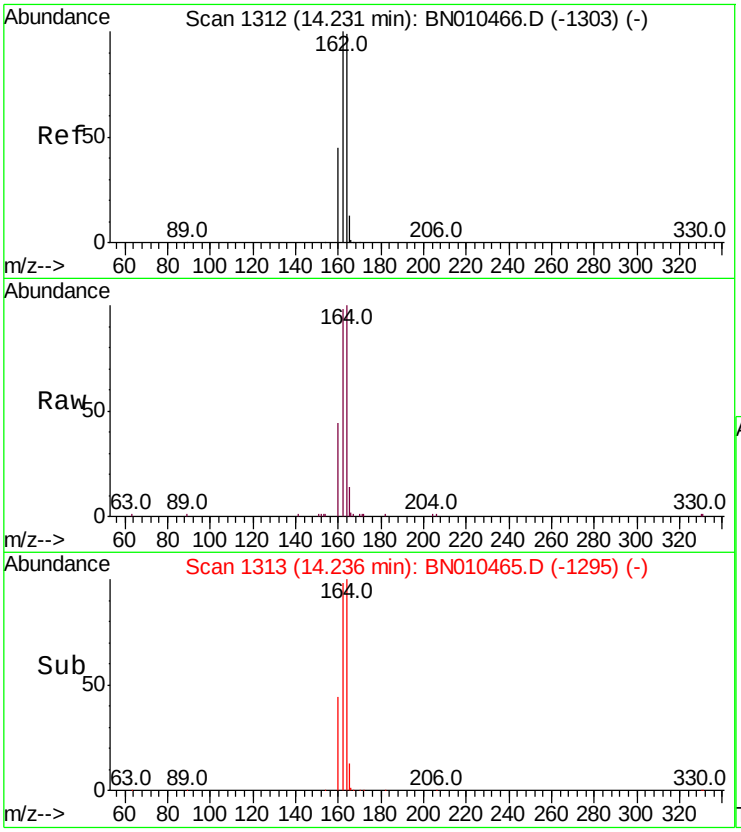


#12
2-Methylnaphthalene
Concen: 0.206 ng
RT: 12.04 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:142 Resp: 6202

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	35.9	28.8	43.2



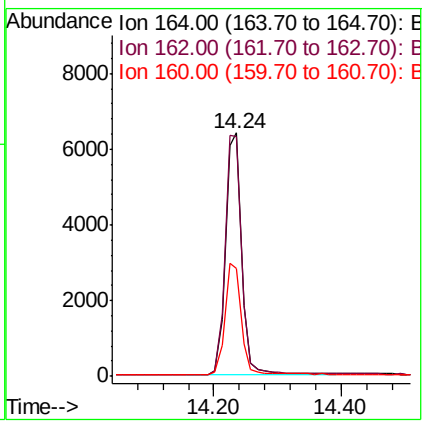


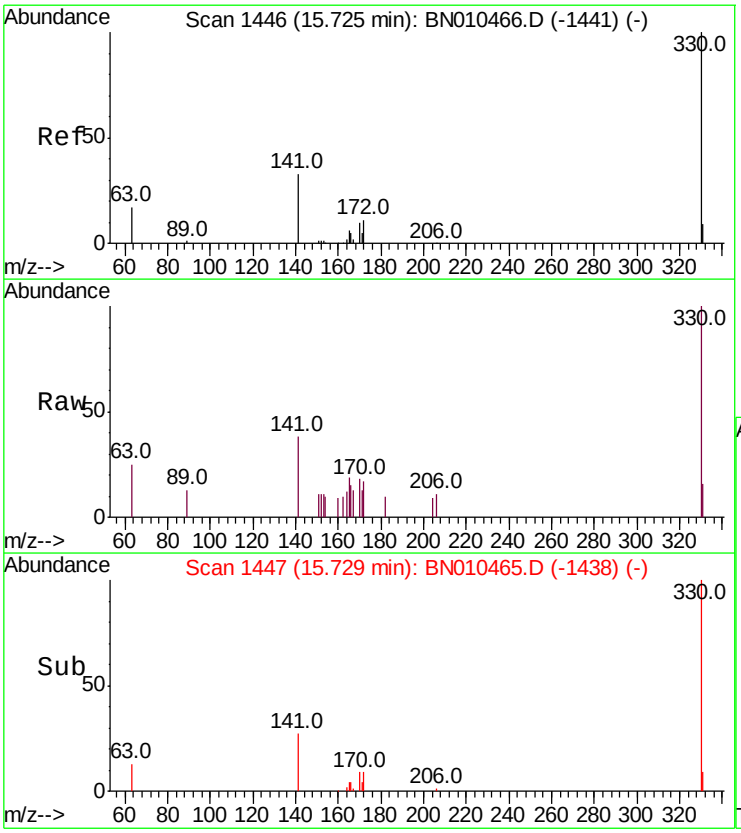
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 11049

Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.6	121.0
160	44.1	36.5	54.7

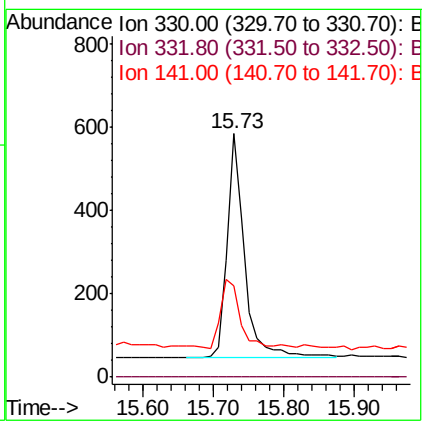


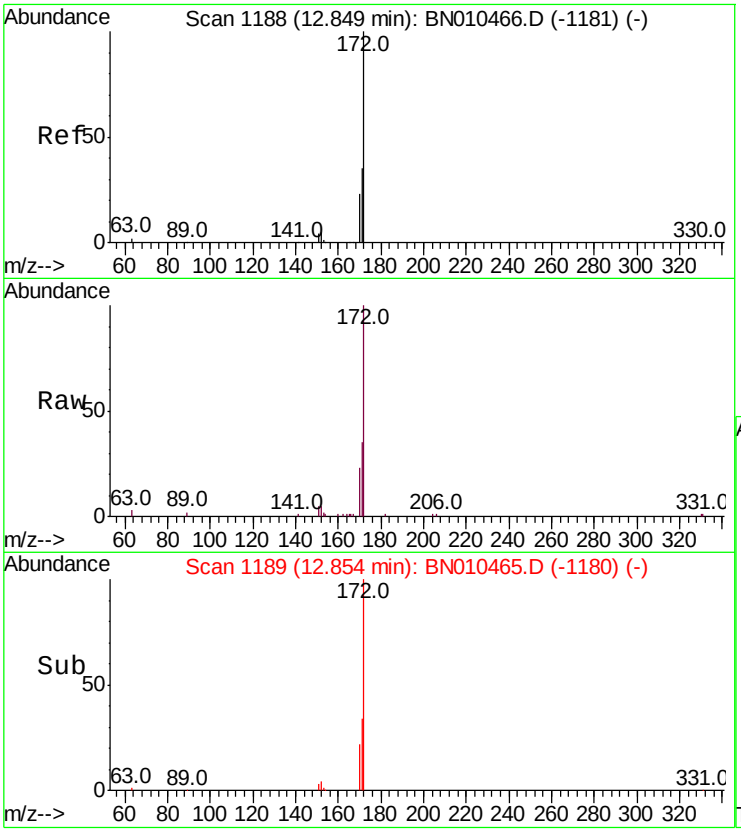


#14
2,4,6-Tribromophenol
Concen: 0.222 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:330 Resp: 942

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.3	28.1	42.1



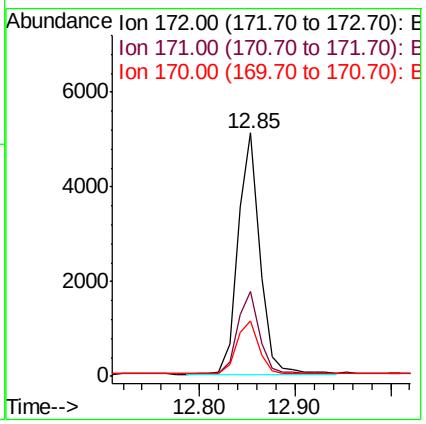


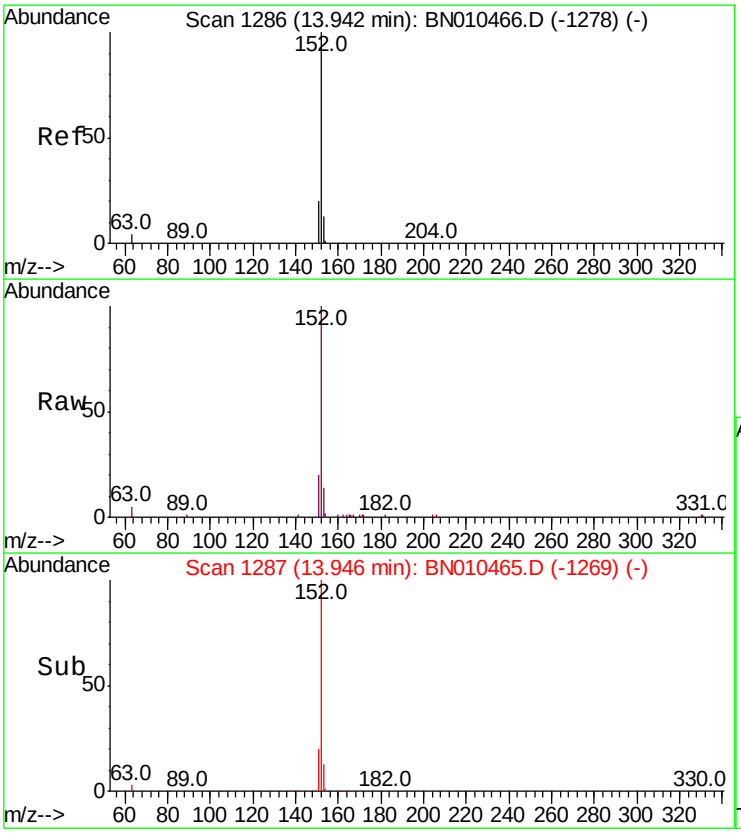
#15
2-Fluorobiphenyl
Concen: 0.191 ng
RT: 12.85 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 8074

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	22.7	18.4	27.6

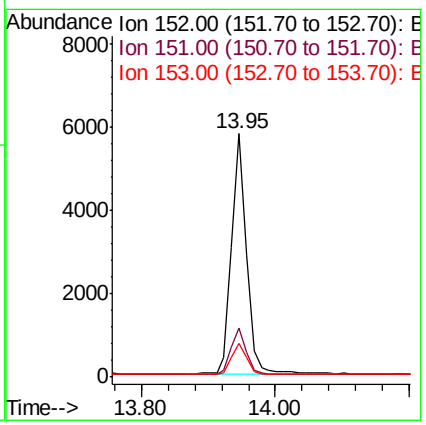


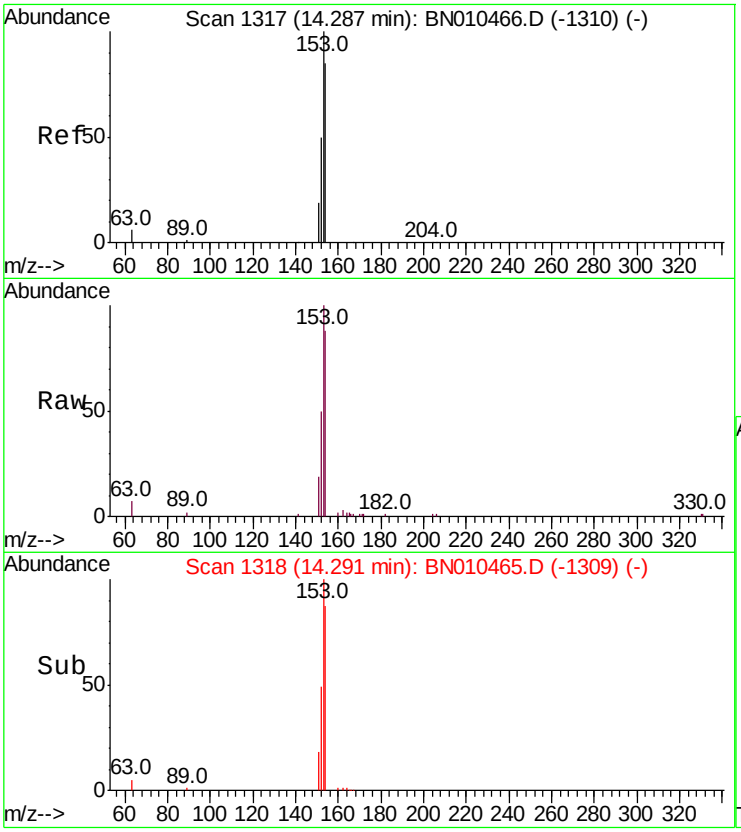


#16
Acenaphthylene
Concen: 0.208 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:152 Resp: 9037

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.3	10.6	15.8



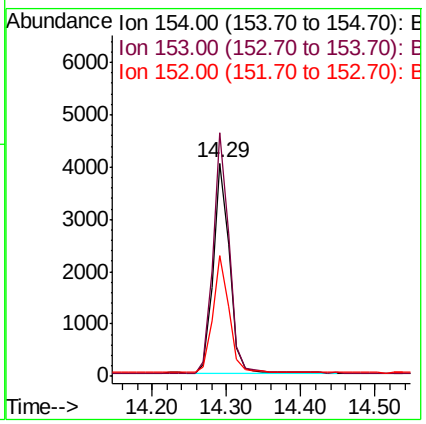


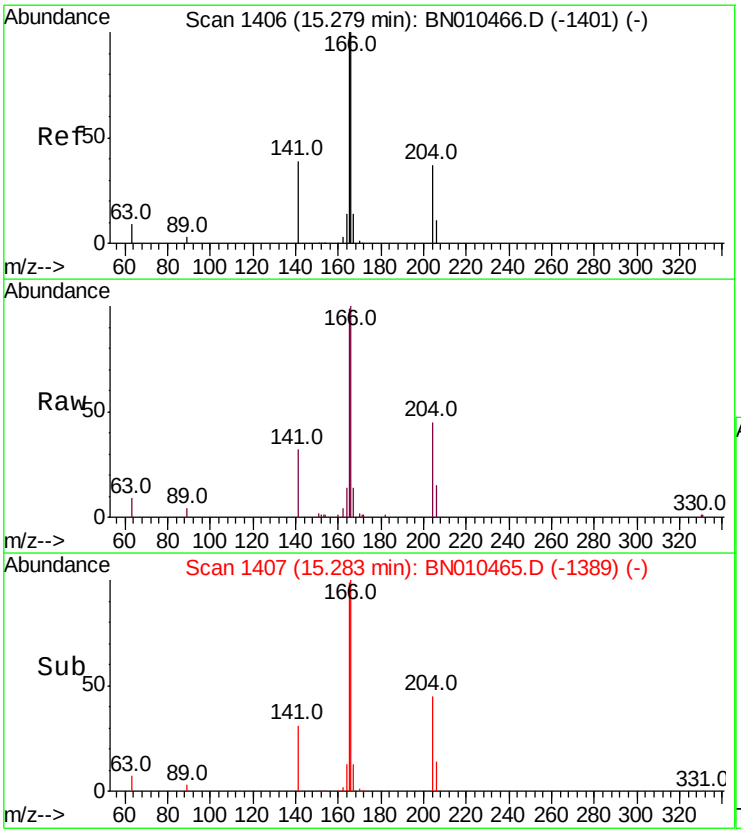
#17
Acenaphthene
Concen: 0.196 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 6066

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.4
152	55.7	44.6	67.0

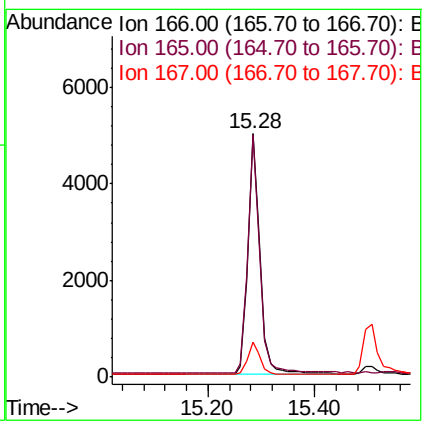


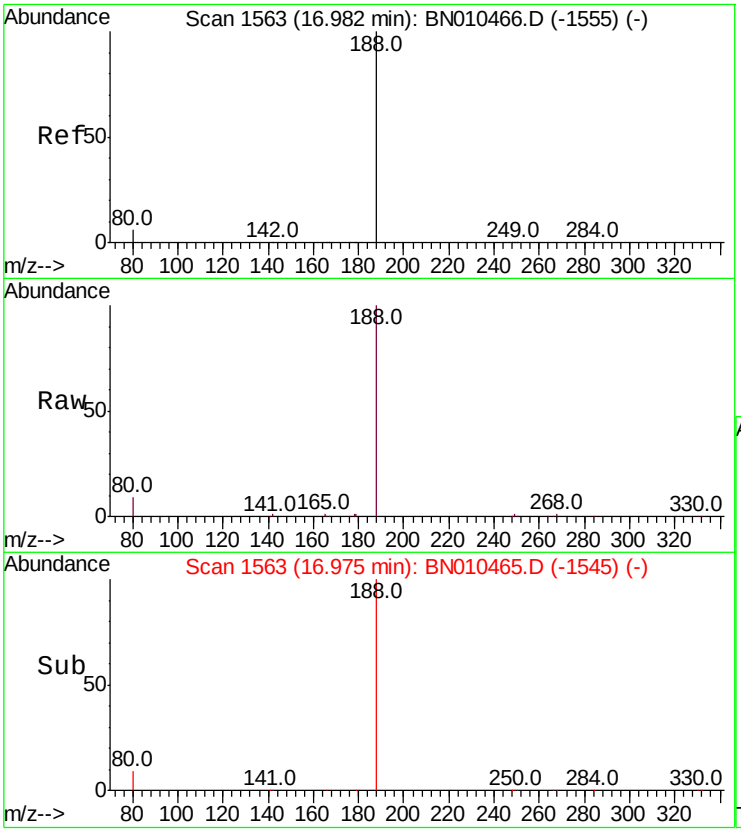


#18
Fluorene
Concen: 0.192 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:166 Resp: 7870

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.9	10.9	16.3



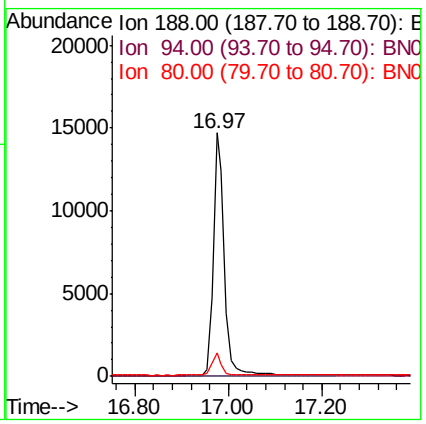


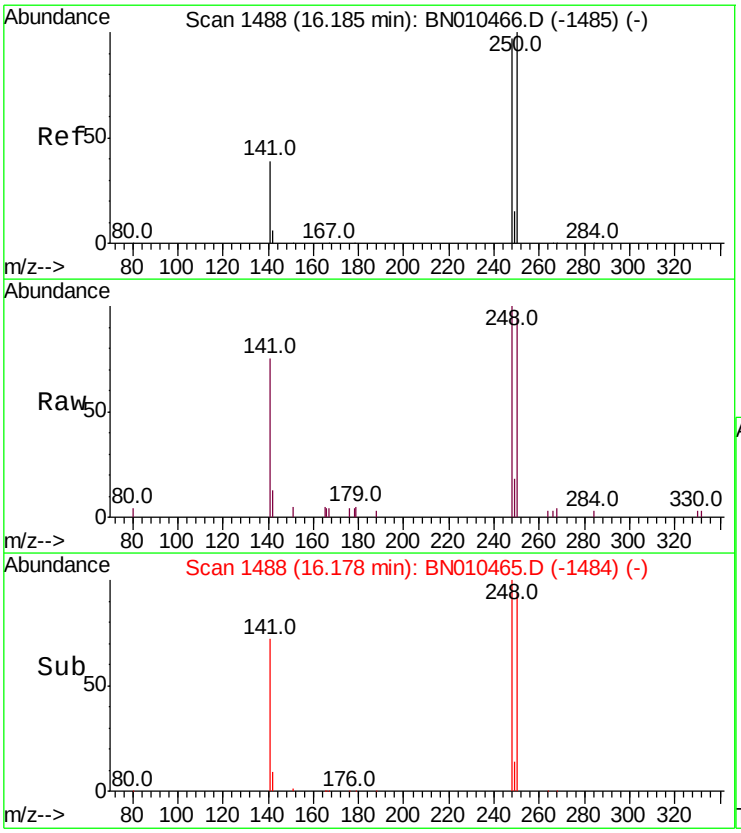
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 24884

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	5.0	7.6#

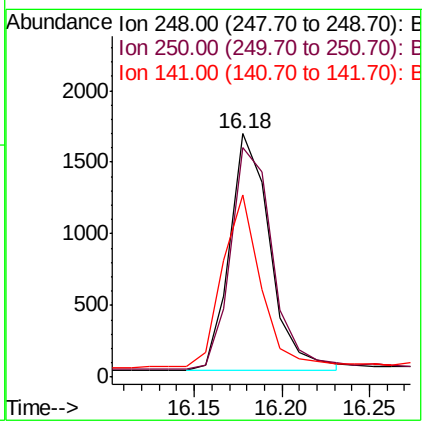


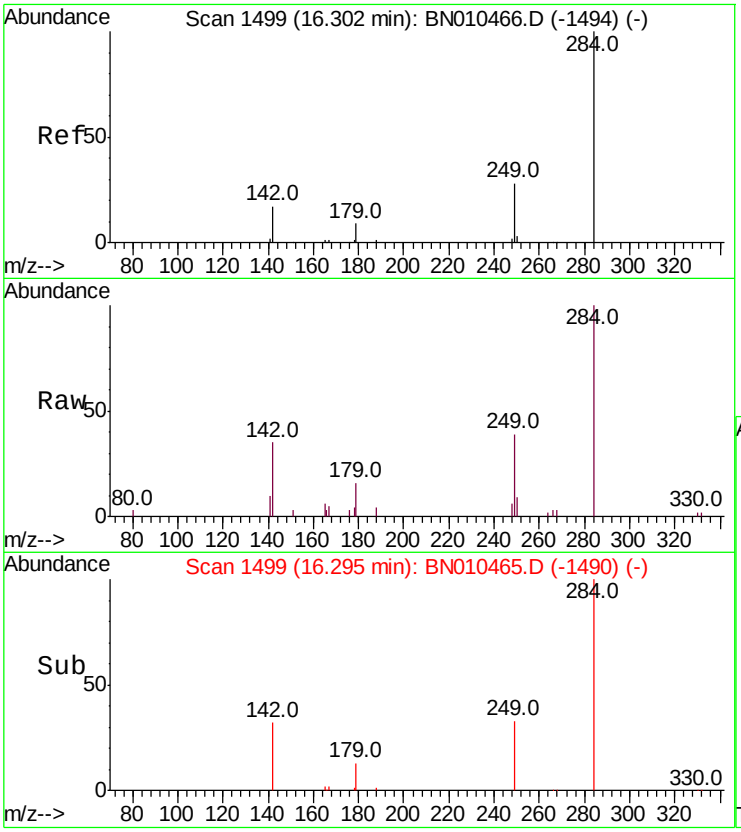


#20
4-Bromophenyl-phenylether
Concen: 0.174 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:248 Resp: 2624

Ion	Ratio	Lower	Upper
248	100		
250	94.2	82.3	123.5
141	74.6	35.2	52.8#



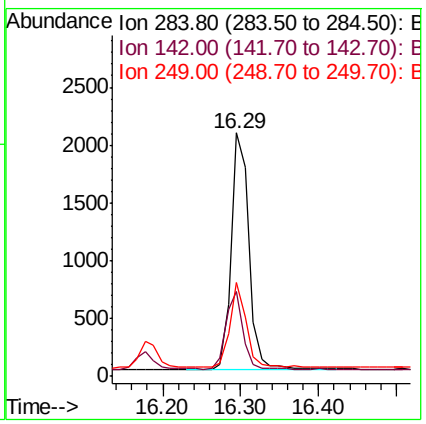


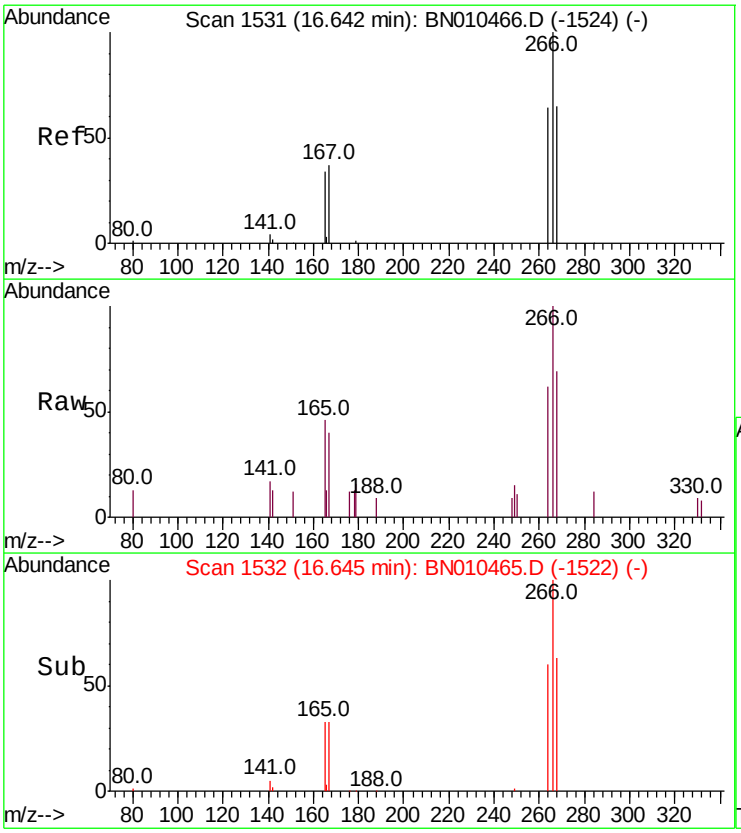
#21
Hexachlorobenzene
Concen: 0.207 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 3217

Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.5	38.3
249	33.3	25.8	38.6

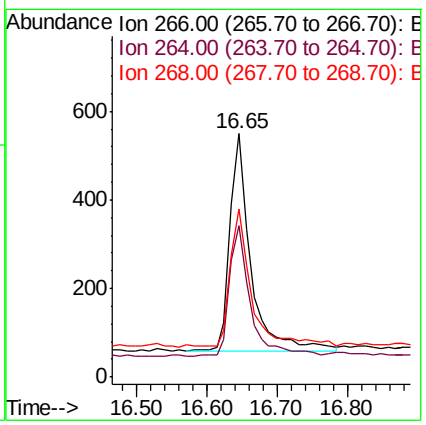


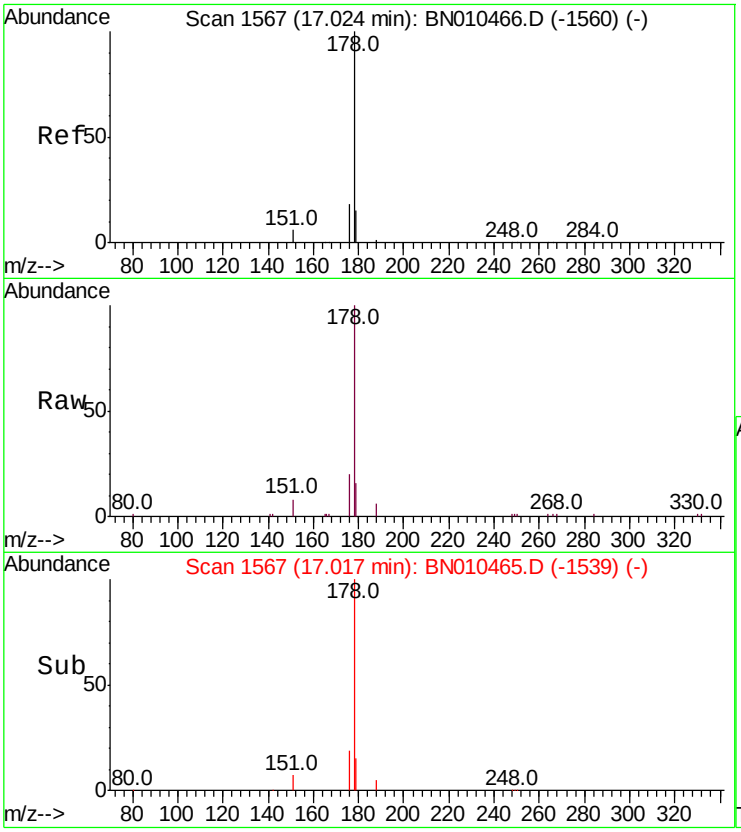


#22
Pentachlorophenol
Concen: 0.188 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:266 Resp: 996

Ion	Ratio	Lower	Upper
266	100		
264	62.0	51.8	77.6
268	68.9	53.7	80.5



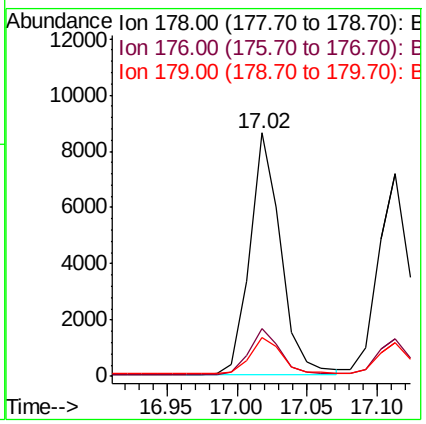


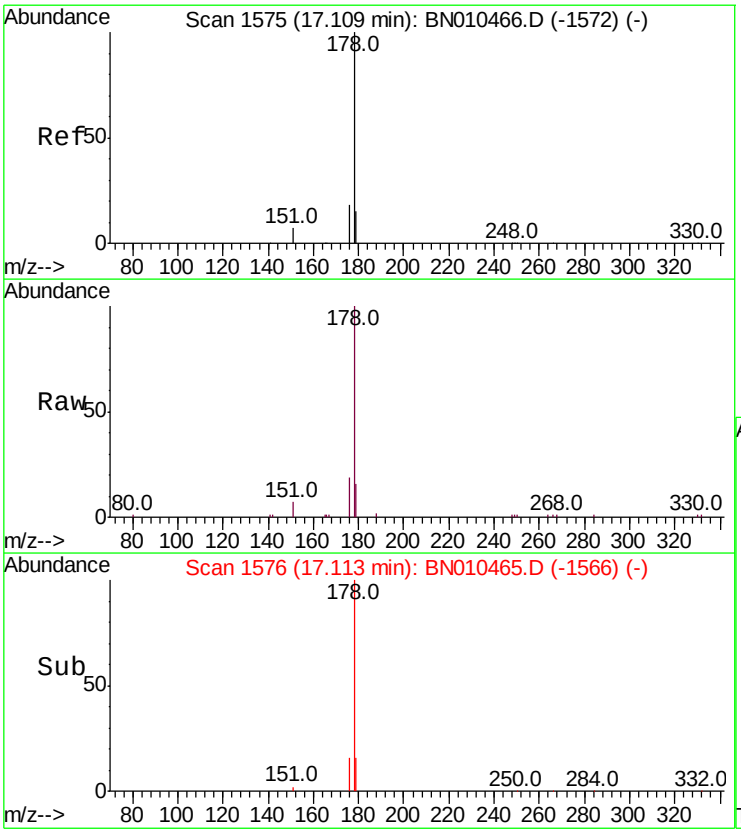
#23
Phenanthrene
Concen: 0.191 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 13065

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.7	12.6	18.8

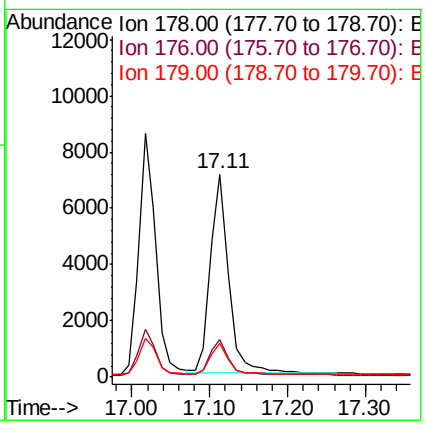


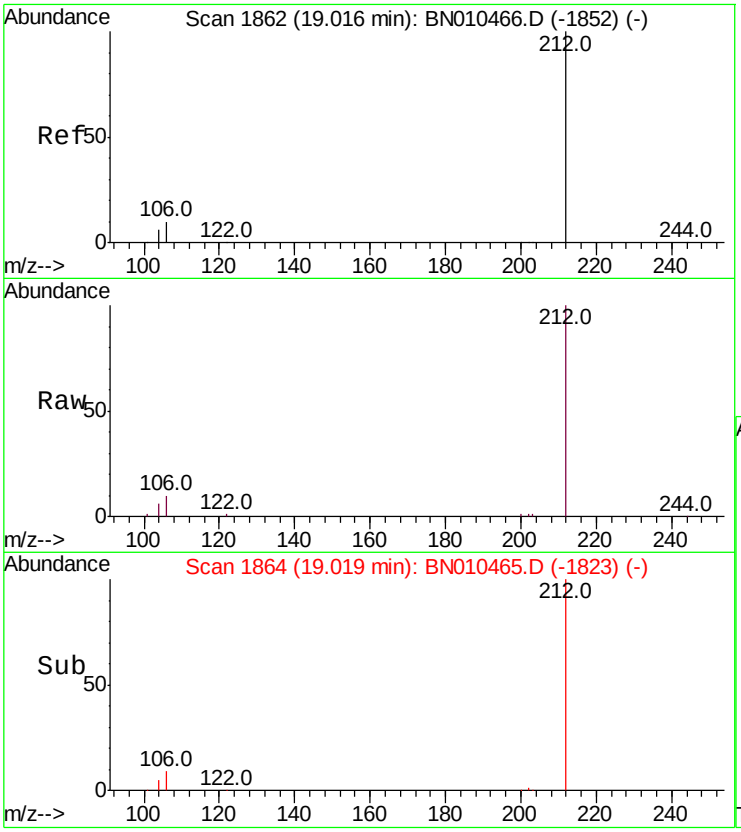


#24
Anthracene
Concen: 0.200 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:178 Resp: 11695

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	21.8
179	15.6	12.2	18.2



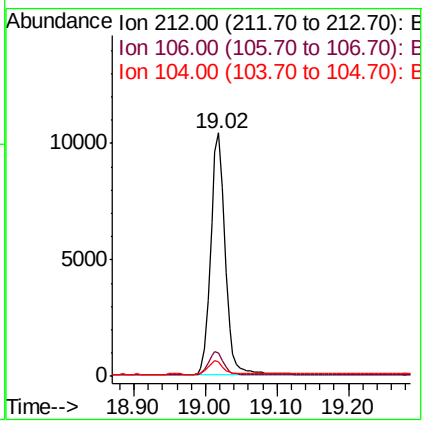


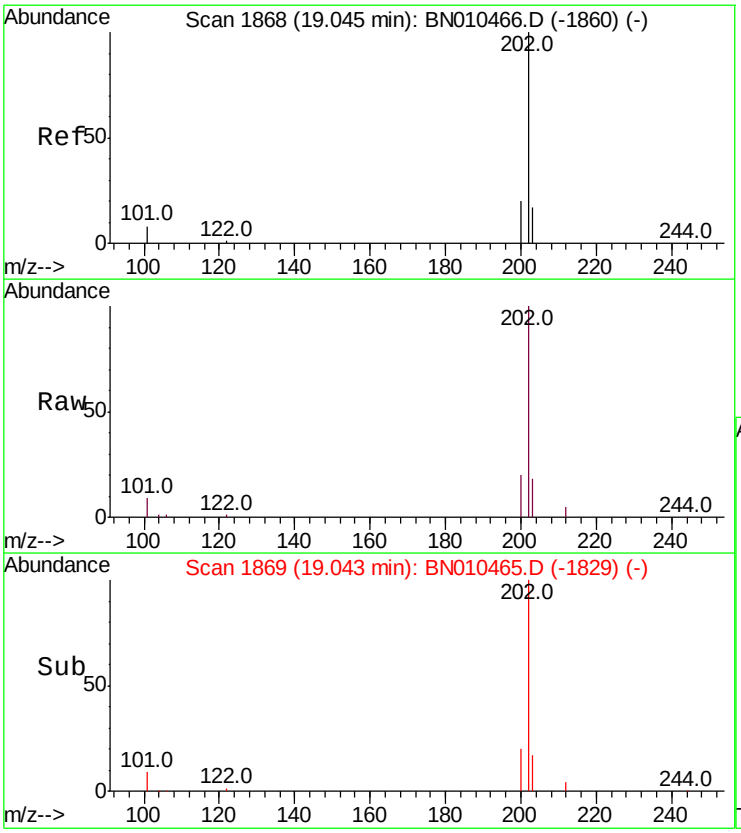
#25
Fluoranthene-d10
Concen: 0.195 ng
RT: 19.02 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 14613

Ion	Ratio	Lower	Upper
212	100		
106	9.9	7.8	11.6
104	5.7	4.5	6.7

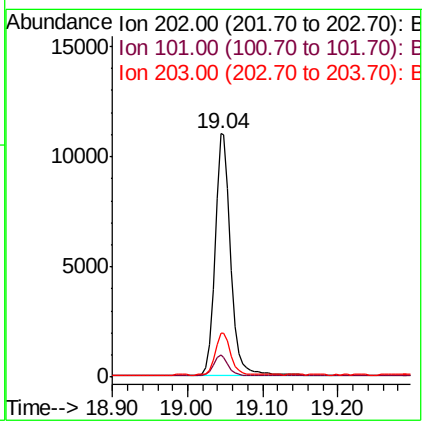


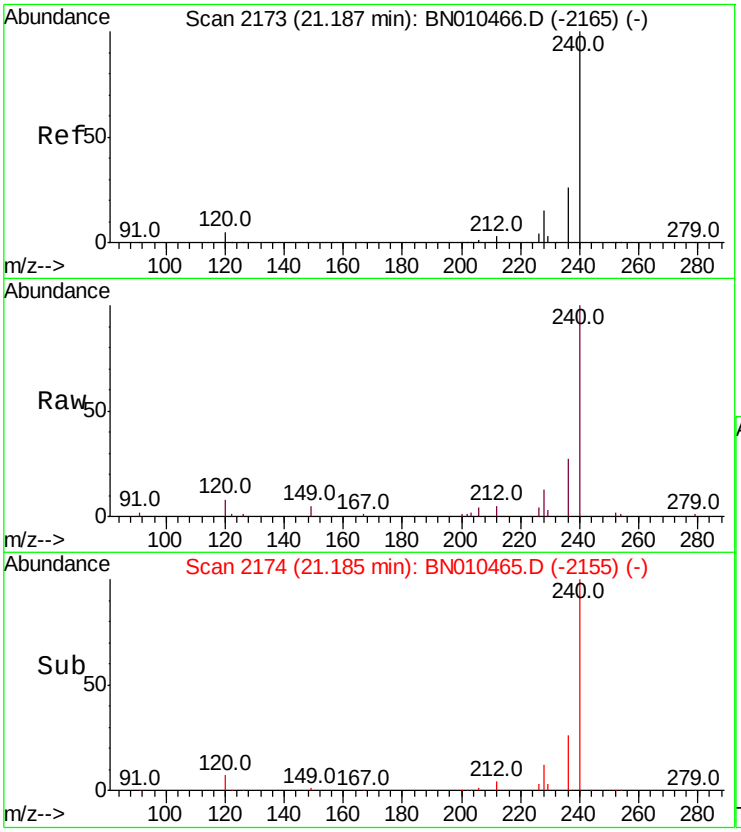


#26
Fluoranthene
Concen: 0.194 ng
RT: 19.04 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:202 Resp: 16281

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.9	10.3
203	17.2	13.9	20.9



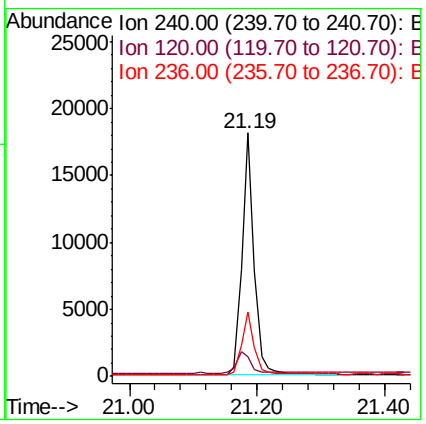


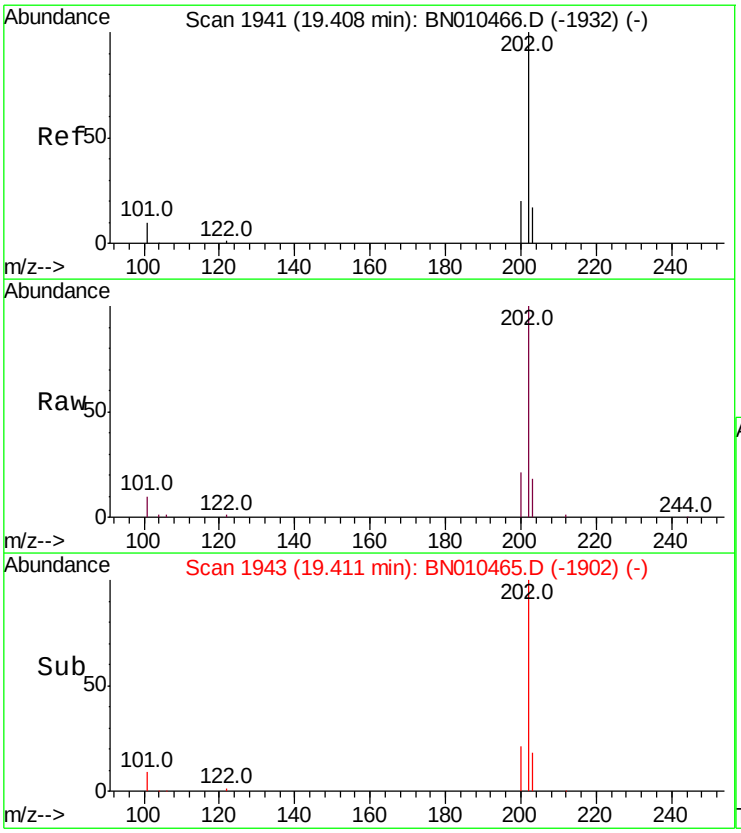
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 23957

Ion	Ratio	Lower	Upper
240	100		
120	7.9	4.8	7.2#
236	26.6	21.4	32.0

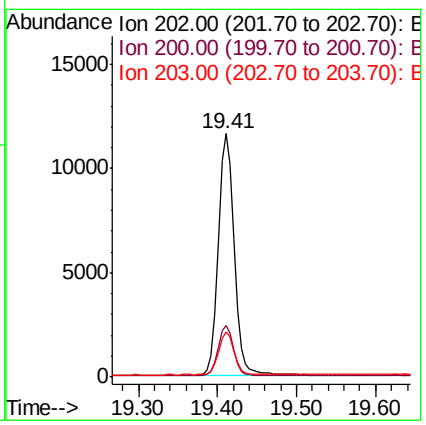


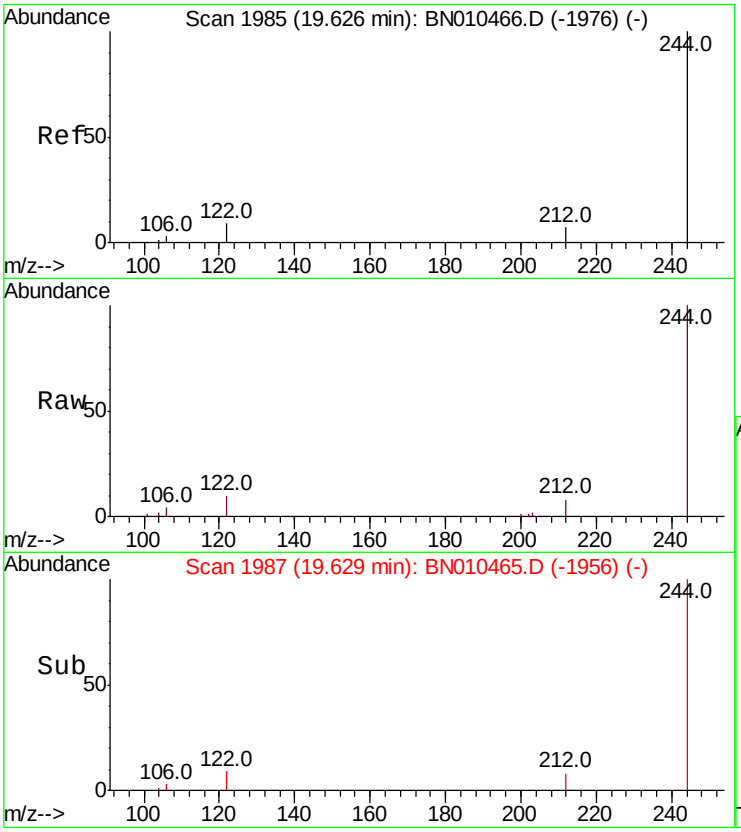


#28
Pyrene
Concen: 0.224 ng
RT: 19.41 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:202 Resp: 16682

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.4	14.0	21.0



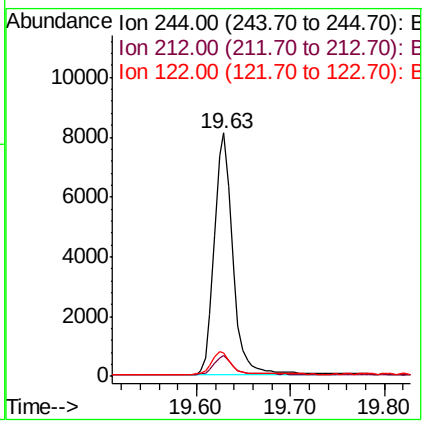


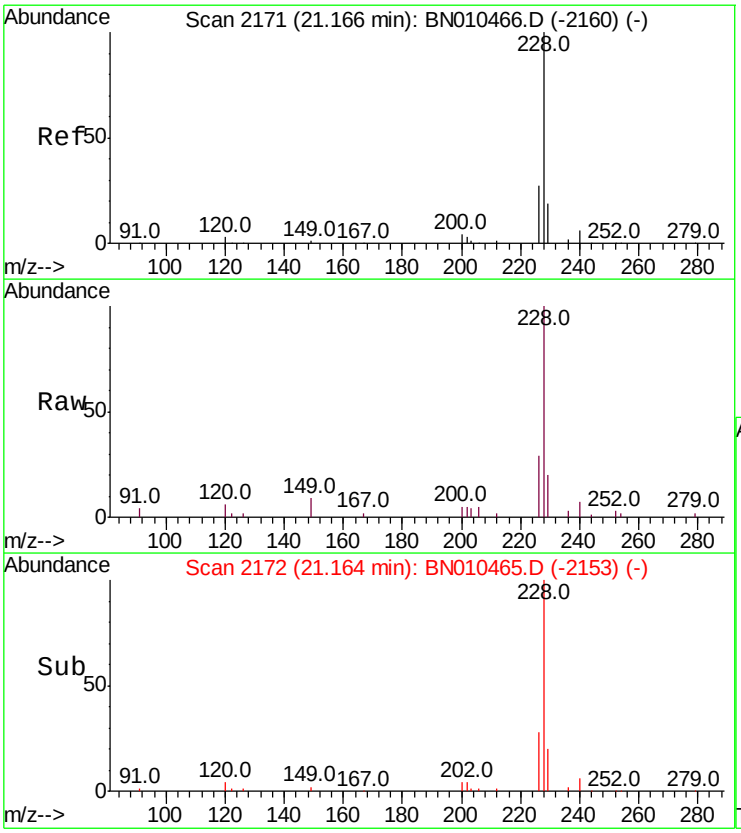
#29
Terphenyl-d14
Concen: 0.215 ng
RT: 19.63 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 11145

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.4
122	9.8	7.8	11.8

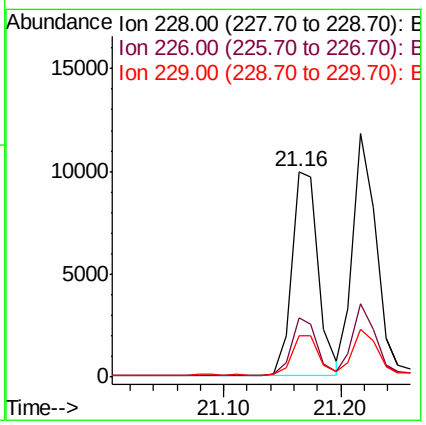


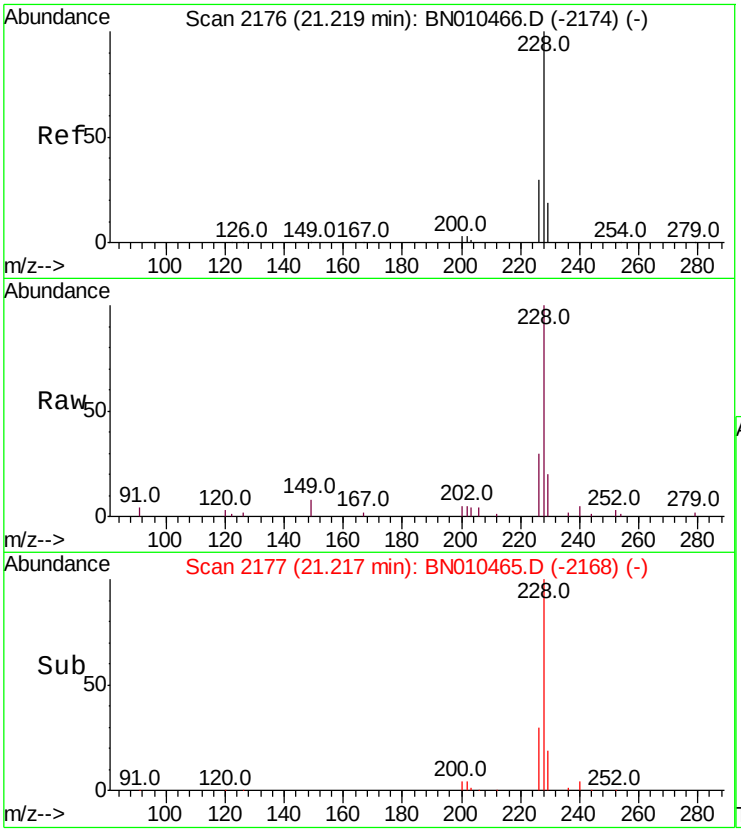


#30
Benzo(a)anthracene
Concen: 0.206 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:228 Resp: 15701

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.7	32.5
229	20.4	15.6	23.4



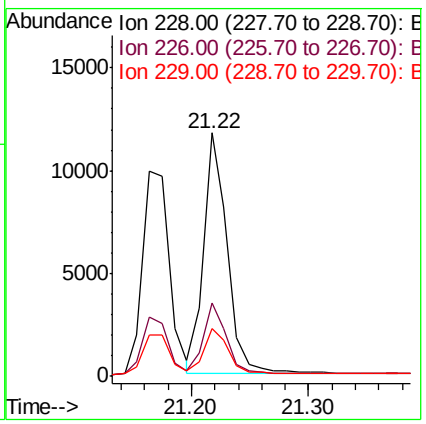


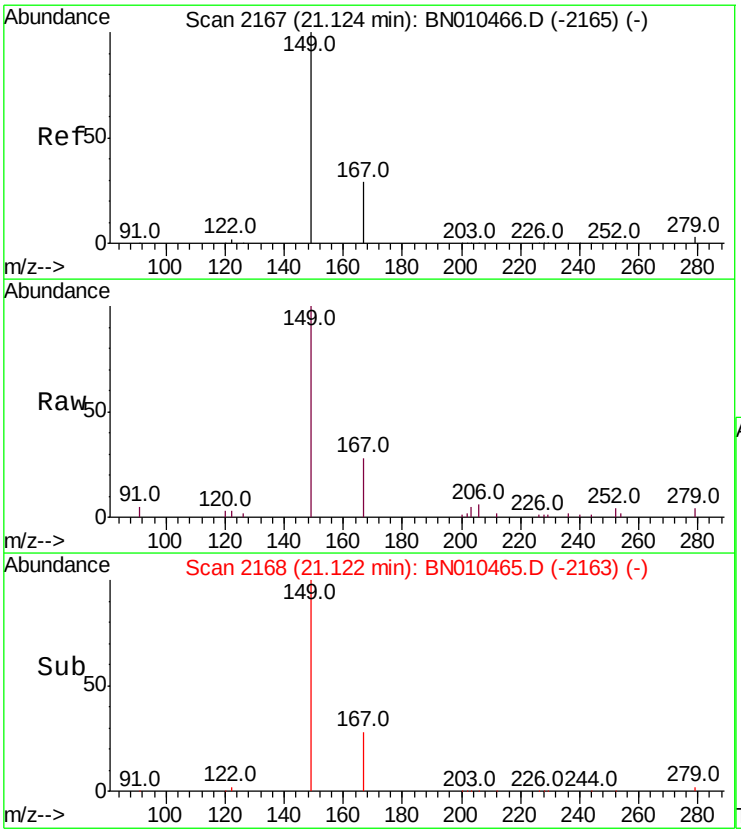
#31
Chrysene
Concen: 0.199 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 16271

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	19.9	15.8	23.6

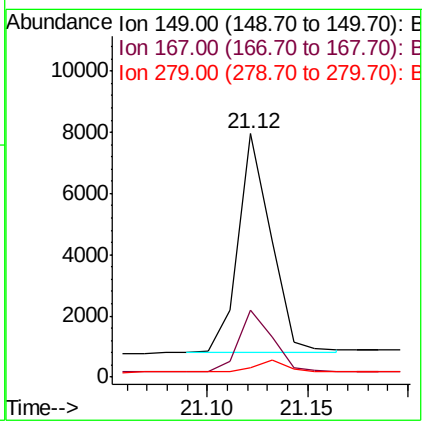


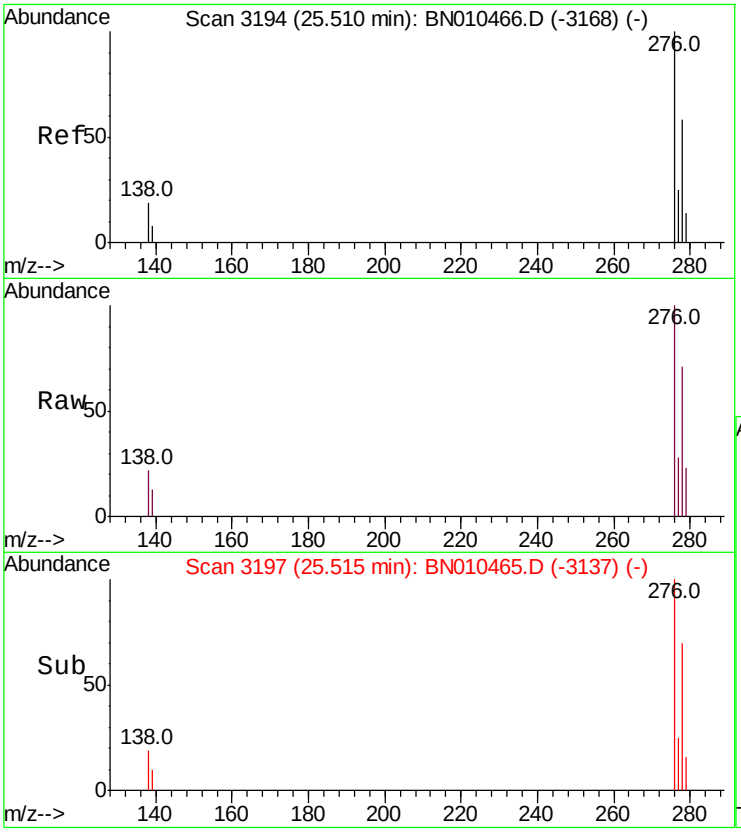


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.317 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:149 Resp: 8161

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.4	35.0
279	5.0	4.0	6.0



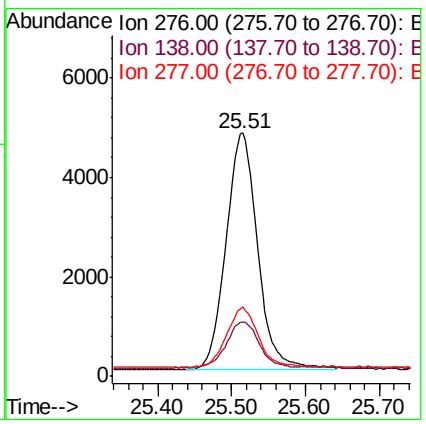


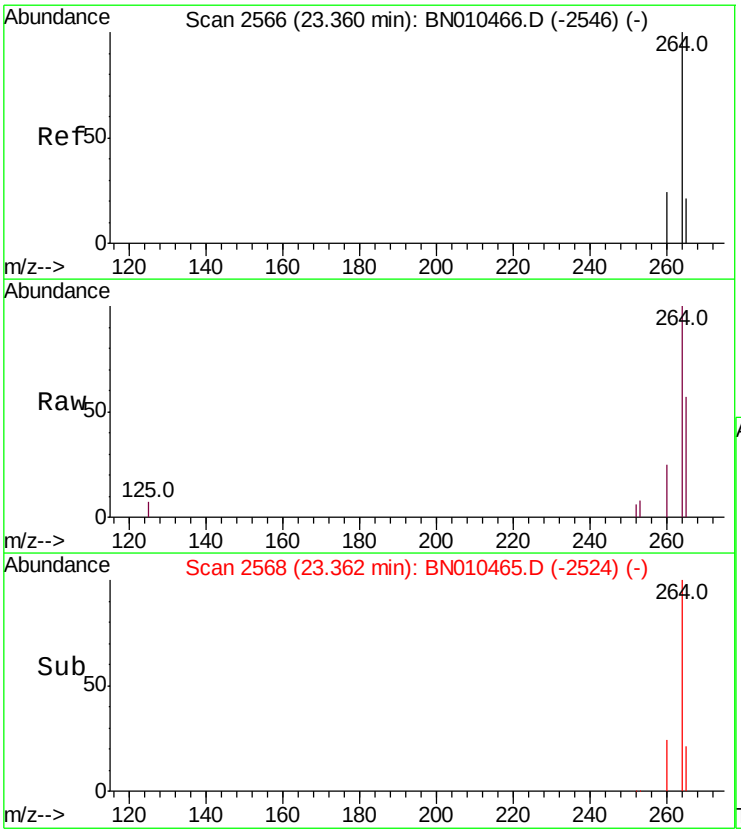
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.162 ng
RT: 25.51 min Scan# 3197
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 14239

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.4	24.6
277	25.2	19.8	29.6

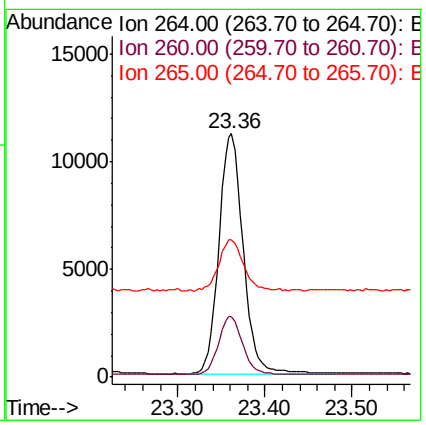


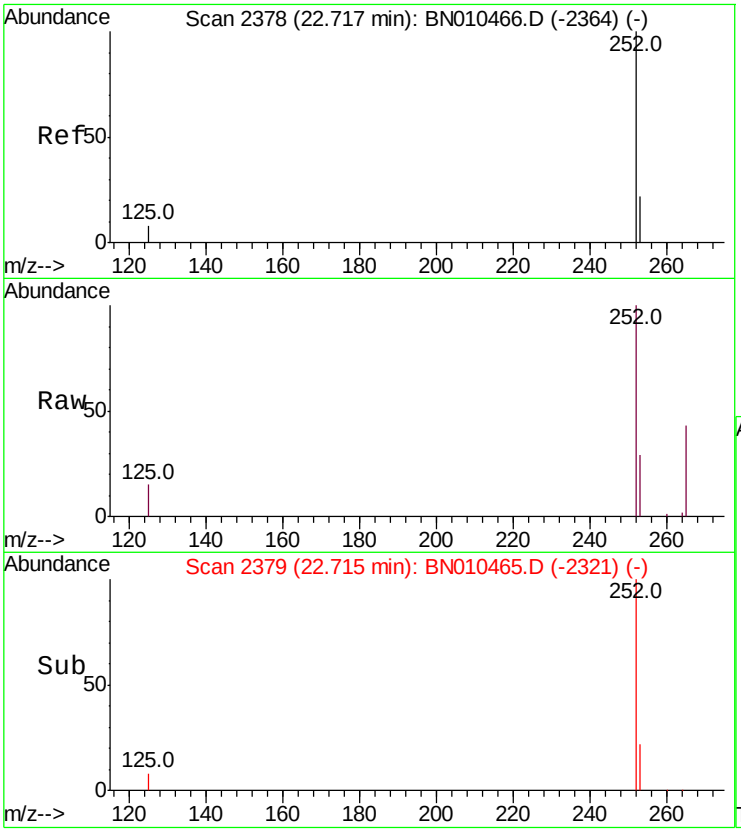


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:264 Resp: 21474

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	56.7	42.3	63.5



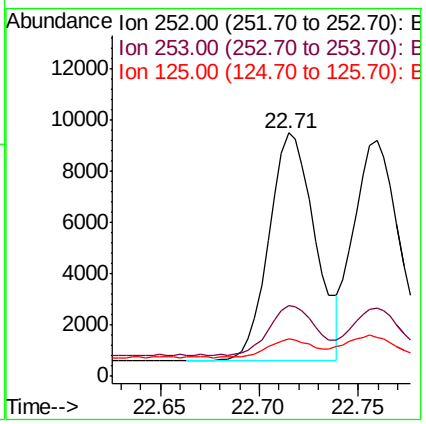


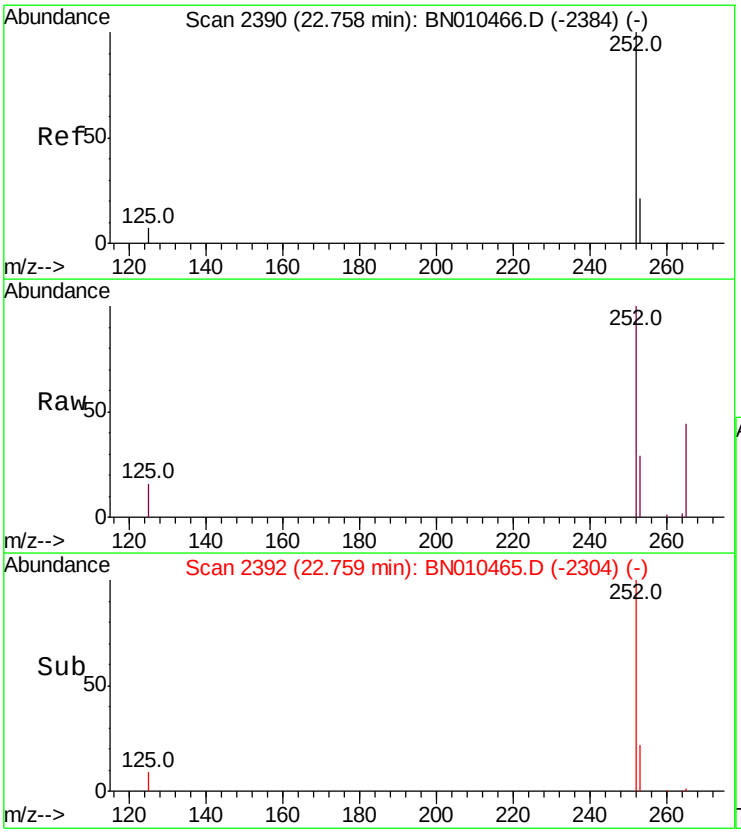
#35
Benzo(b)fluoranthene
Concen: 0.198 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 14414

Ion	Ratio	Lower	Upper
252	100		
253	29.0	20.2	30.4
125	15.2	9.2	13.8#

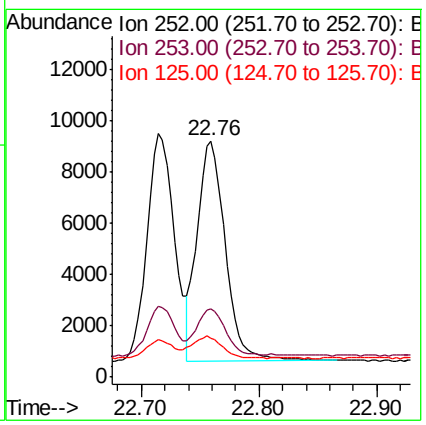


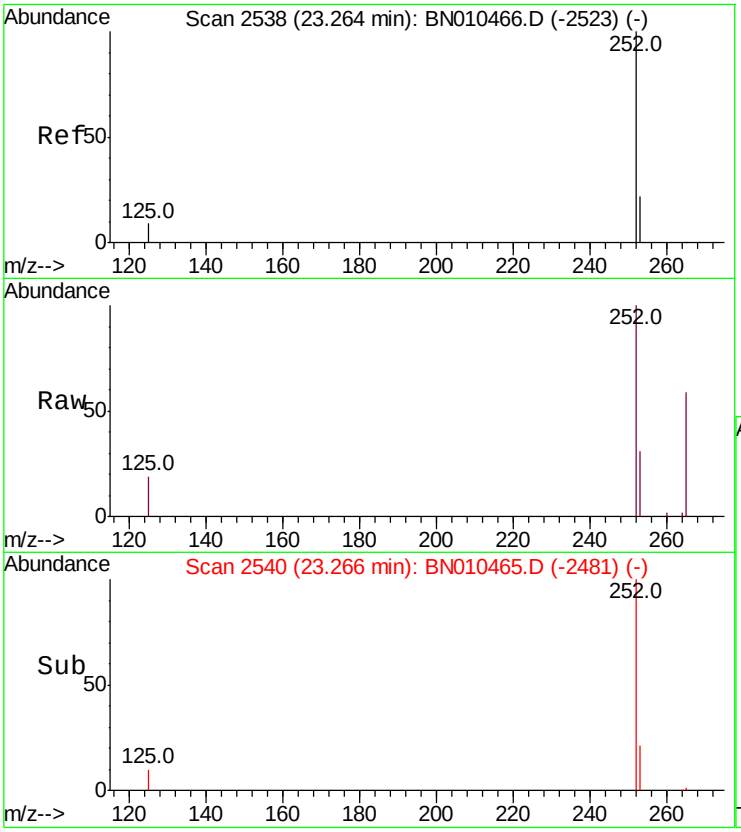


#36
Benzo(k)fluoranthene
Concen: 0.192 ng
RT: 22.76 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:252 Resp: 14286

Ion	Ratio	Lower	Upper
252	100		
253	29.1	20.1	30.1
125	16.3	9.6	14.4#



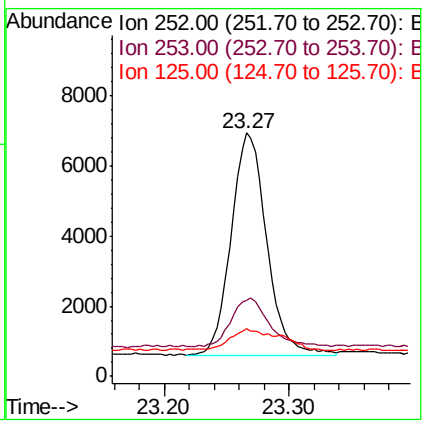


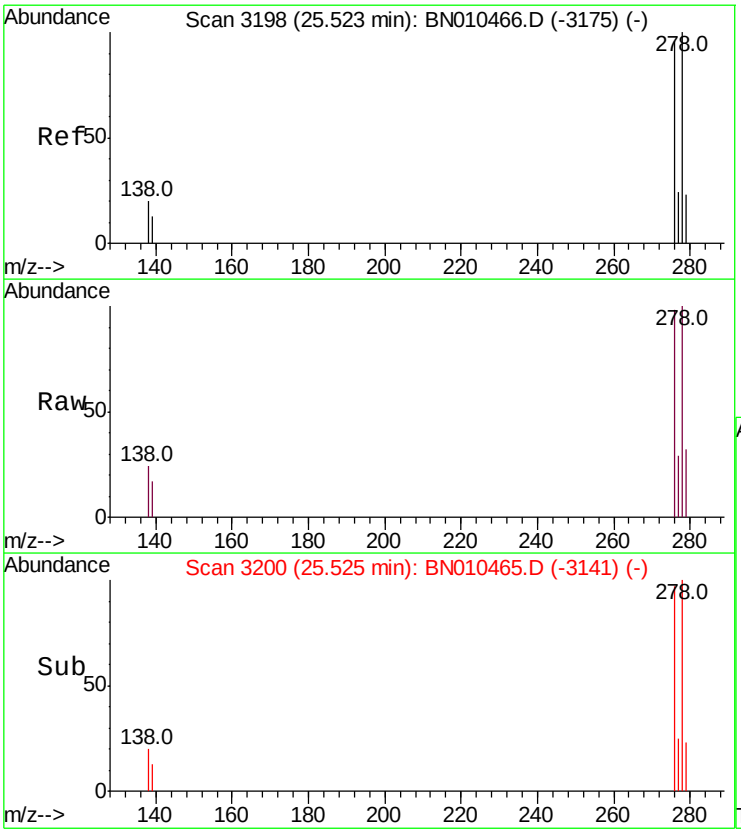
#37
Benzo(a)pyrene
Concen: 0.203 ng
RT: 23.27 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 12498

Ion	Ratio	Lower	Upper
252	100		
253	31.3	21.8	32.8
125	19.4	11.0	16.6#

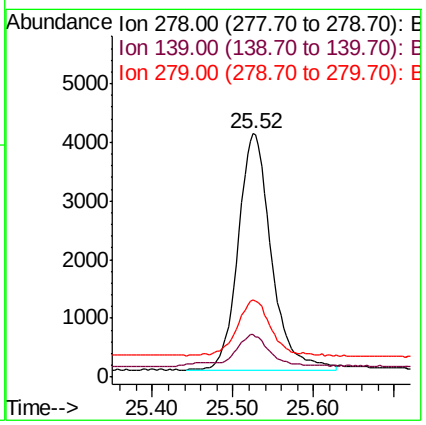


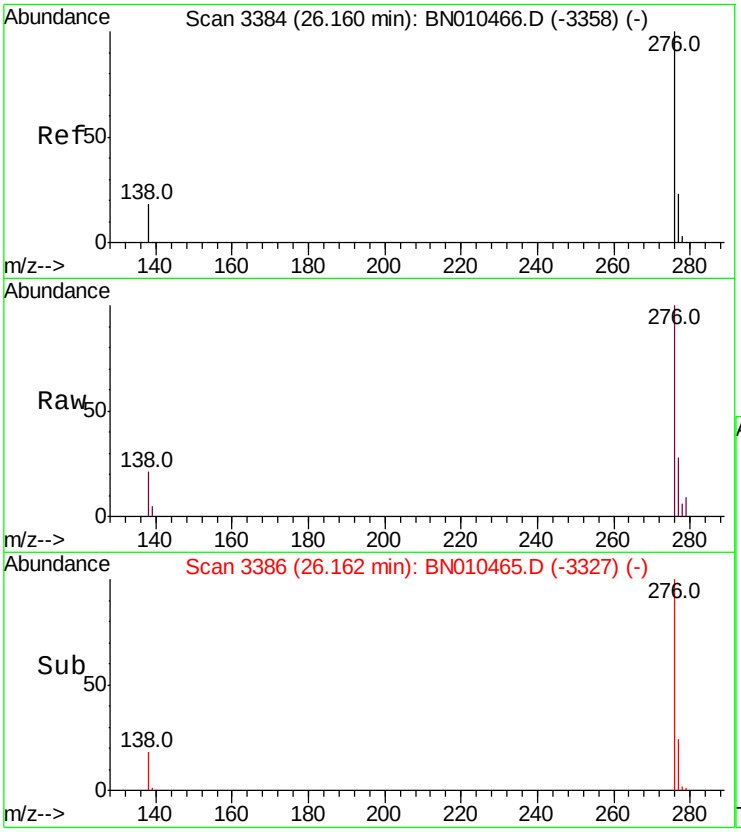


#38
Dibenzo(a,h)anthracene
Concen: 0.173 ng
RT: 25.52 min Scan# 3200
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:278 Resp: 11482

Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.3	18.5
279	31.9	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.176 ng
RT: 26.16 min Scan# 3386
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 11789

Ion	Ratio	Lower	Upper
276	100		
277	27.7	20.2	30.2
138	21.2	15.4	23.2