Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010817.D
Acq On : 10 Jun 2020 14:02
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Jun 10 14:32:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:41:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2415	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	7554	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	4292	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	8689	0.40	ng		-0.01
27) Chrysene-d12	21.13	240	8815	0.40	ng		0.00
34) Perylene-d12	23.28	264	7751	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	14796	3.07	ng		0.00
5) Phenol-d6	6.74	99	18148	3.19	ng		0.00
8) Nitrobenzene-d5	8.68	82	19042	3.44	ng		-0.01
11) 2-Methylnaphthalene-d10	11.90	152	38513	3.36	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	5424	3.62	ng		-0.01
15) 2-Fluorobiphenyl	12.80	172	54415	3.25	ng		0.00
25) Fluoranthene-d10	18.96	212	82009	3.40	ng		0.00
29) Terphenyl-d14	19.57	244	64339	3.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	7390	3.095	ng		99
3) n-Nitrosodimethylamine	3.52	42	4973	3.577	ng	#	93
6) bis(2-Chloroethyl)ether	6.99	93	17504	3.227	ng		96
9) Naphthalene	10.35	128	60785	3.231	ng		97
10) Hexachlorobutadiene	10.66	225	14739	3.210	ng	#	99
12) 2-Methylnaphthalene	11.97	142	41896	3.360	ng		99
16) Acenaphthylene	13.89	152	60514	3.479	ng		100
17) Acenaphthene	14.24	154	38677	3.280	ng		98
18) Fluorene	15.23	166	50984	3.332	ng		99
20) 4-Bromophenyl-phenylether	16.12	248	17702	3.494	ng	#	86
21) Hexachlorobenzene	16.24	284	17352	3.243	ng		99
22) Pentachlorophenol	16.58	266	6287	3.450	ng		95
23) Phenanthrene	16.96	178	79573	3.388	ng		99
24) Anthracene	17.06	178	69621	3.499	ng		100
26) Fluoranthene	18.99	202	93988	3.457	ng		100
28) Pyrene	19.36	202	90965	3.256	ng		100
30) Benzo(a)anthracene	21.11	228	87417	3.377	ng		98
31) Chrysene	21.16	228	92940	3.162	ng		98
32) Bis(2-ethylhexyl)phthalate	21.07	149	26502	3.100	ng		96
33) Indeno(1,2,3-cd)pyrene	25.39	276	107005	3.030	ng		98
35) Benzo(b)fluoranthene	22.64	252	89557	3.548	ng	#	89
36) Benzo(k)fluoranthene	22.68	252	94073	3.387	ng	#	89
37) Benzo(a)pyrene	23.18	252	76879	3.411	ng	#	82
38) Dibenzo(a,h)anthracene	25.41	278	88944	3.504	ng		92
39) Benzo(g,h,i)perylene	26.03	276	89274	3.401	ng		97

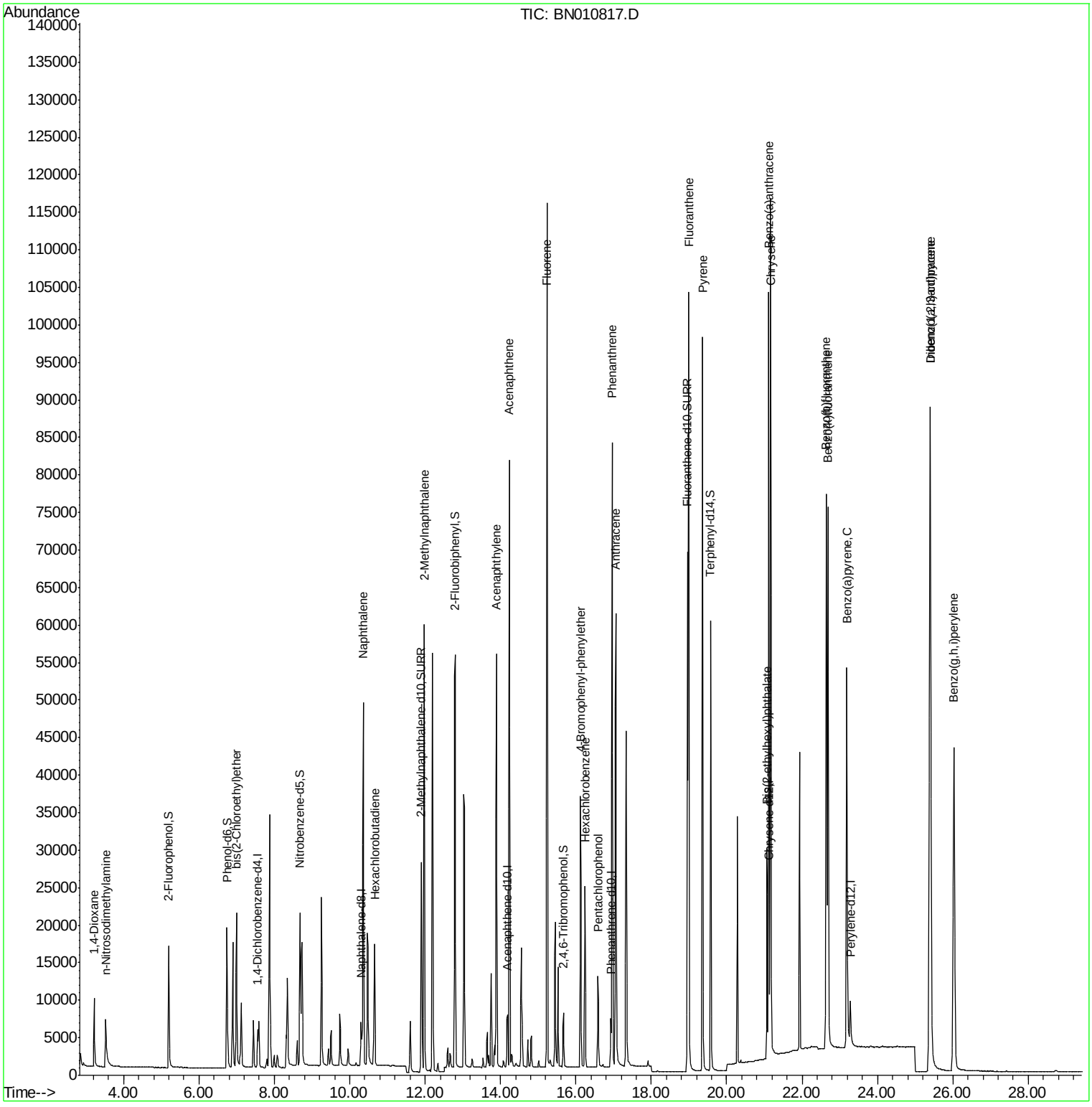
(#) = qualifier out of range (m) = manual integration (+) = signals summed

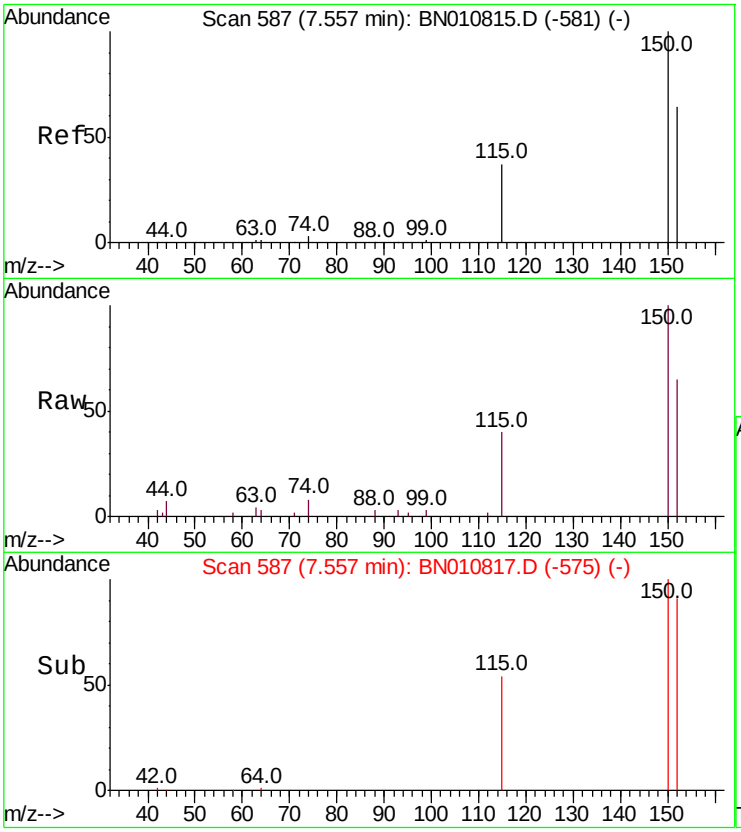
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010817.D
Acq On : 10 Jun 2020 14:02
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 10 14:32:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:41:15 2020
Response via : Initial Calibration



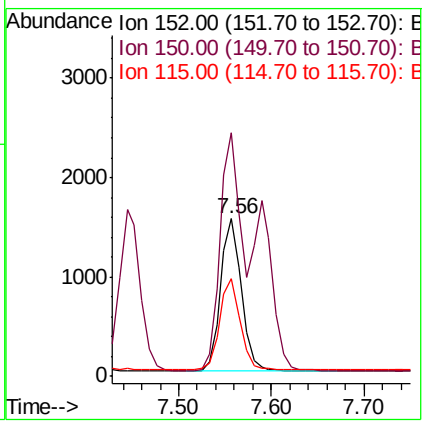


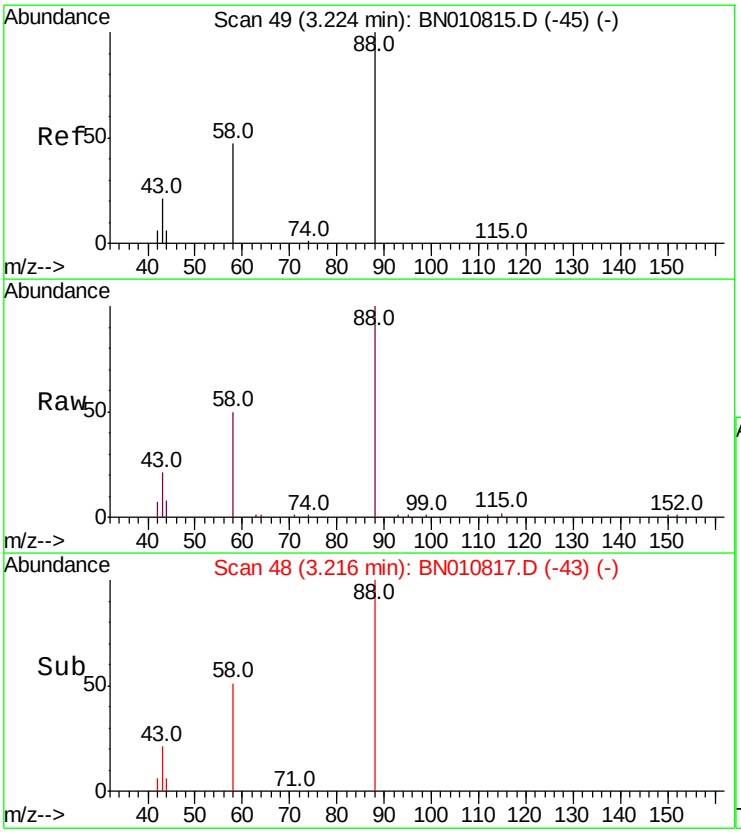
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 2415

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.6
115	61.8	49.2	73.8

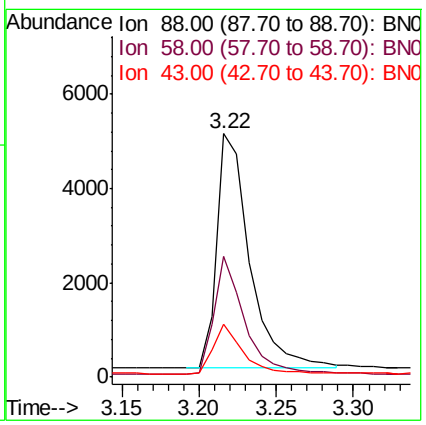


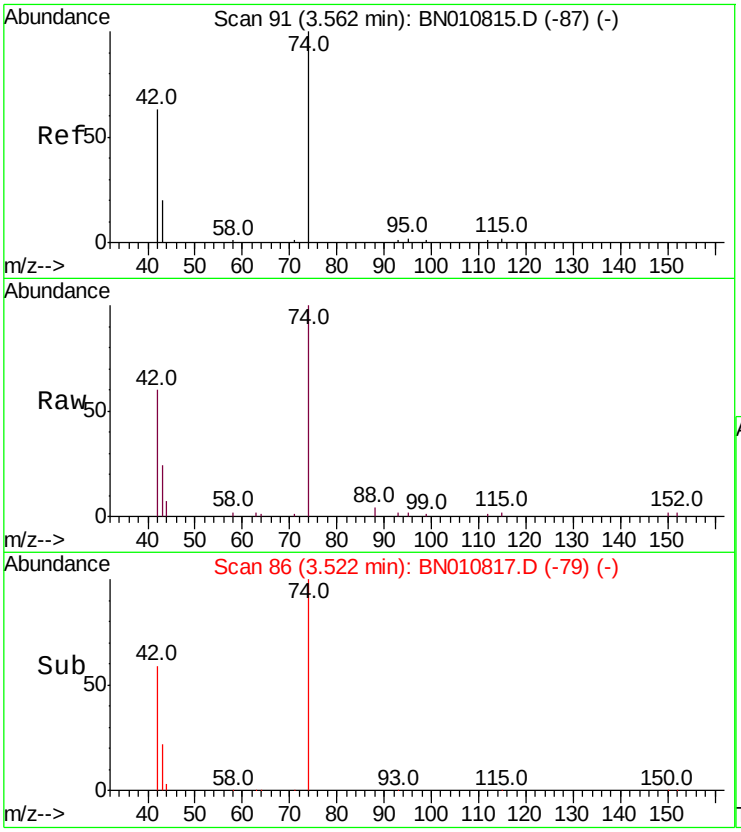


#2
1,4-Dioxane
Concen: 3.095 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion: 88 Resp: 7390

Ion	Ratio	Lower	Upper
88	100		
58	47.4	38.2	57.4
43	19.1	15.1	22.7



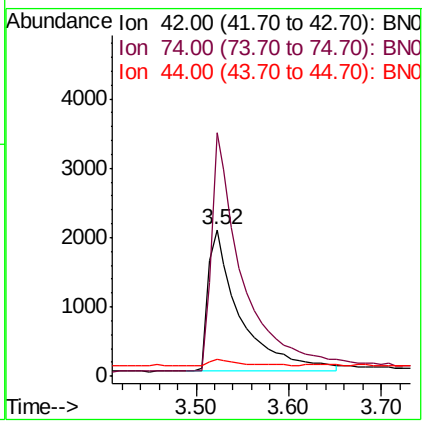


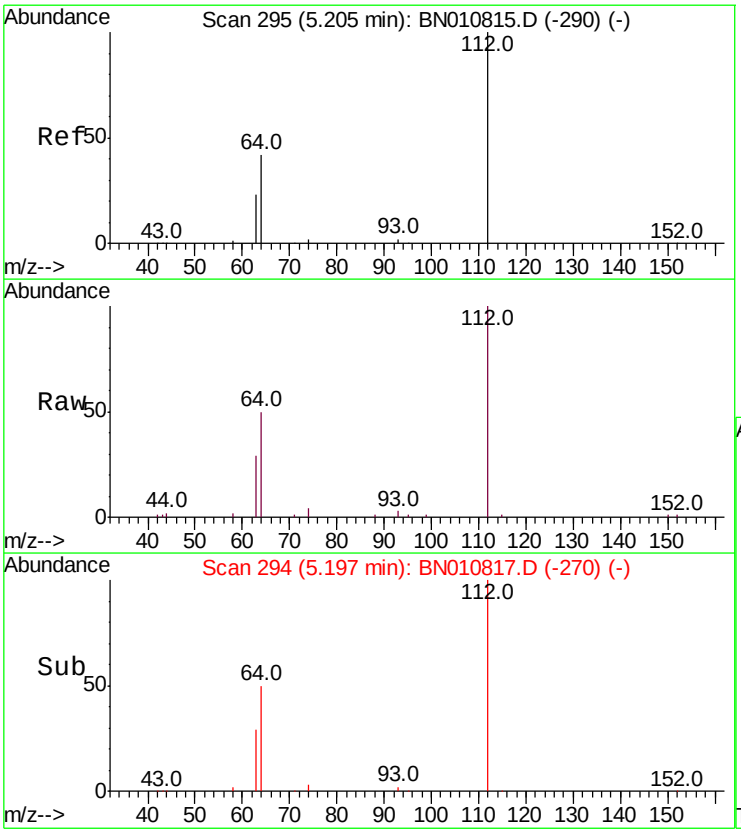
#3
n-Nitrosodimethylamine
Concen: 3.577 ng
RT: 3.52 min Scan# 86
Delta R.T. -0.04 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 4973

Ion	Ratio	Lower	Upper
42	100		
74	165.9	140.7	211.1
44	4.0	1.4	2.2#

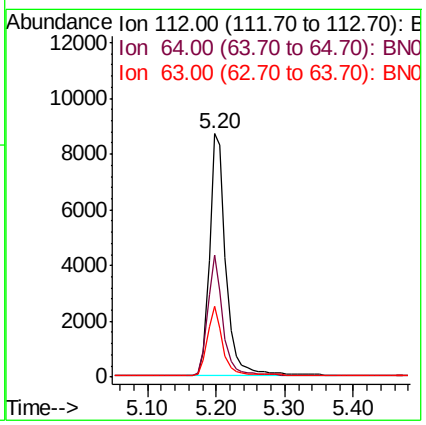


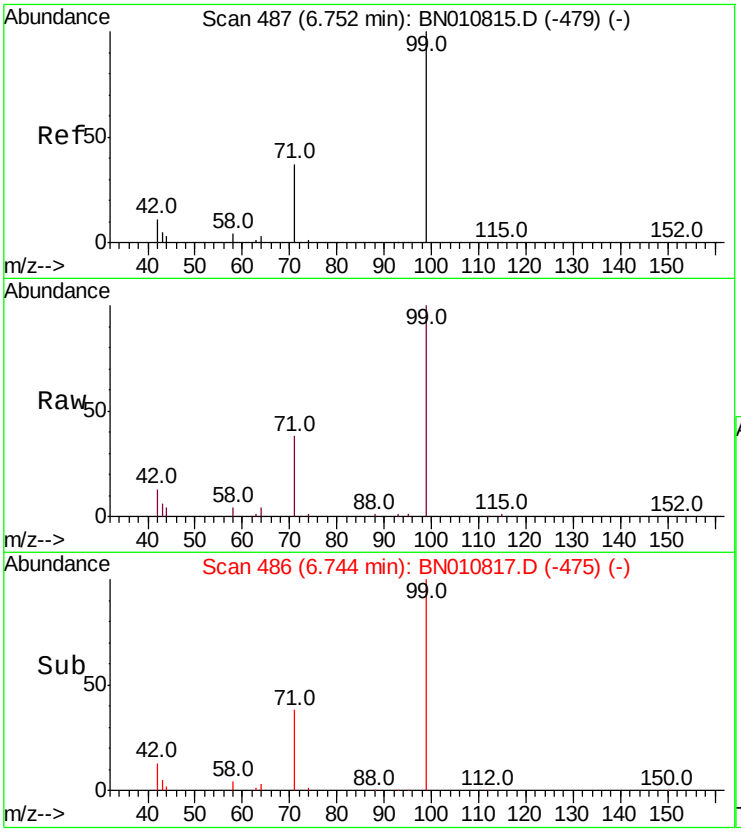


#4
2-Fluorophenol
Concen: 3.072 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:112 Resp: 14796

Ion	Ratio	Lower	Upper
112	100		
64	46.5	37.4	56.0
63	26.6	22.2	33.4



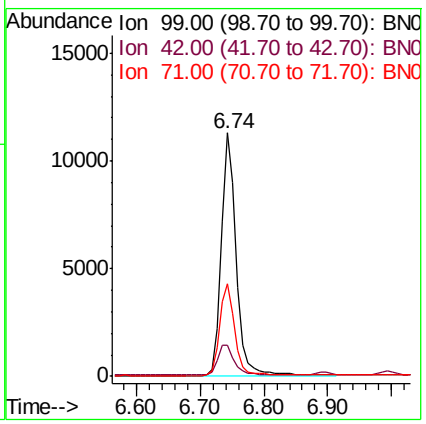


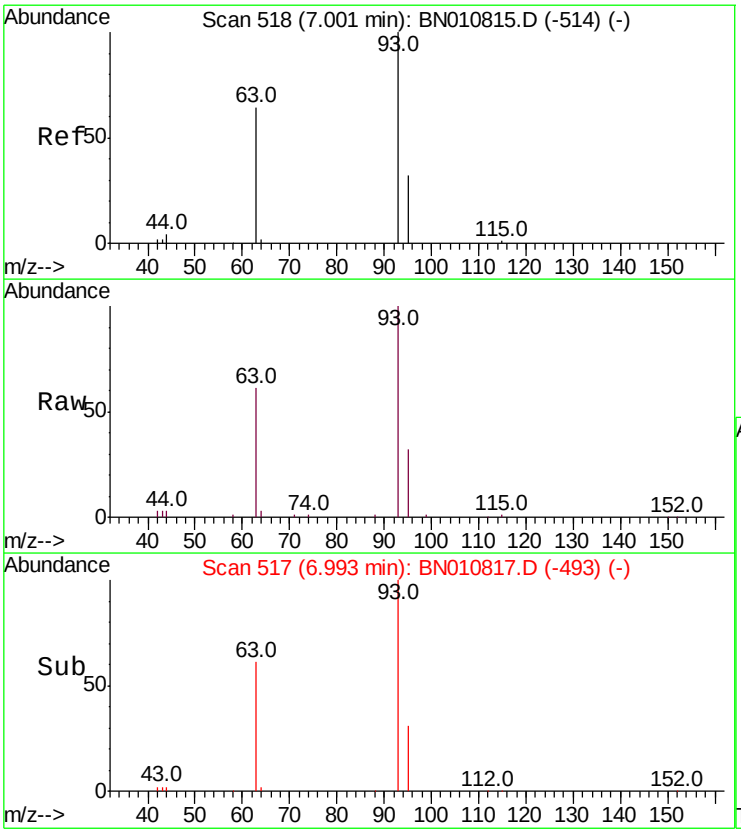
#5
Phenol-d6
Concen: 3.188 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 18148

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.1	16.7
71	38.3	31.4	47.2

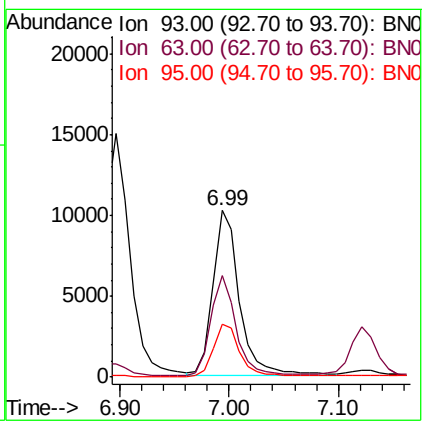


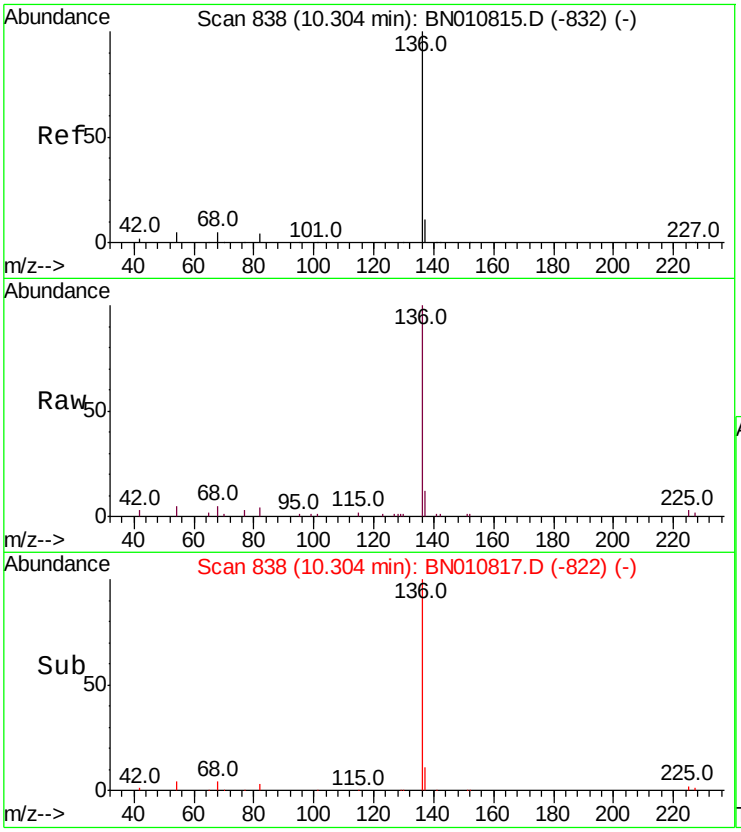


#6
bis(2-Chloroethyl)ether
Concen: 3.227 ng
RT: 6.99 min Scan# 517
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion: 93 Resp: 17504

Ion	Ratio	Lower	Upper
93	100		
63	57.9	49.4	74.2
95	31.6	26.7	40.1



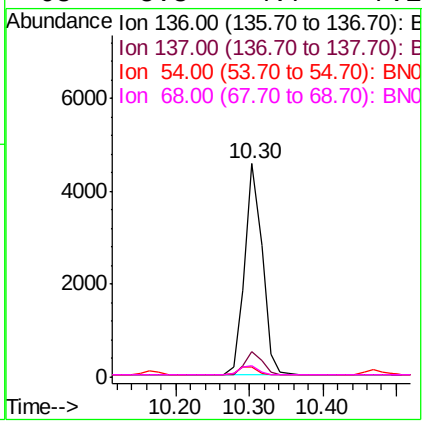


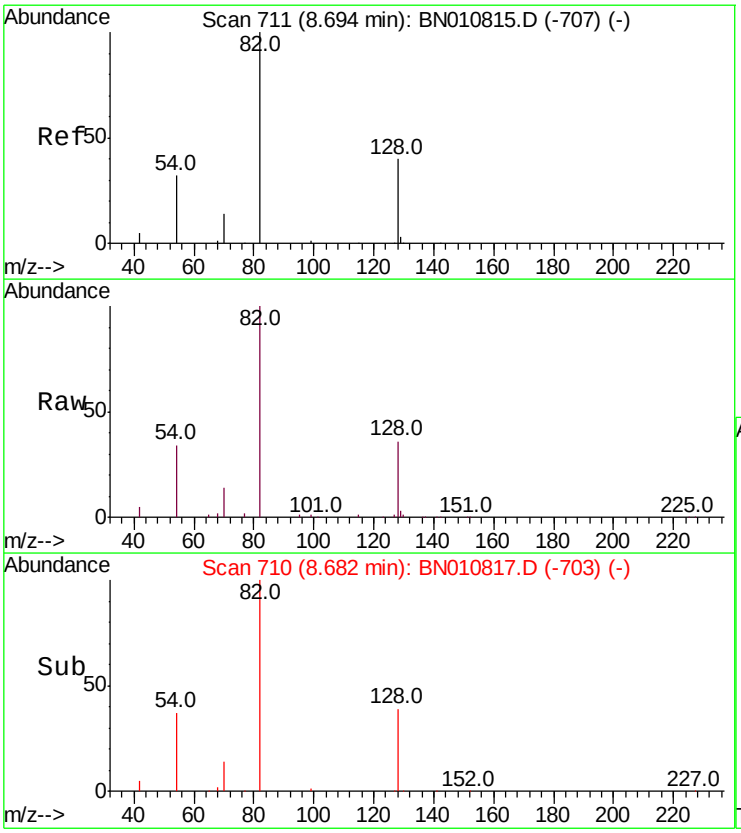
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 7554

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	4.8	4.9	7.3#
68	5.3	4.7	7.1

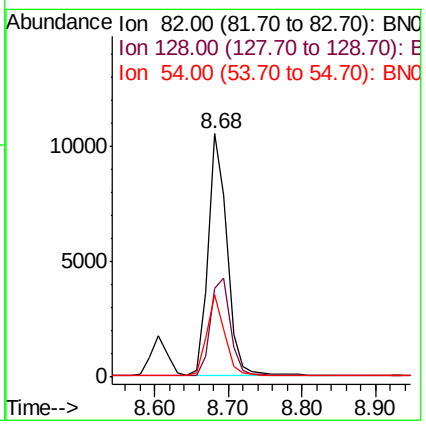


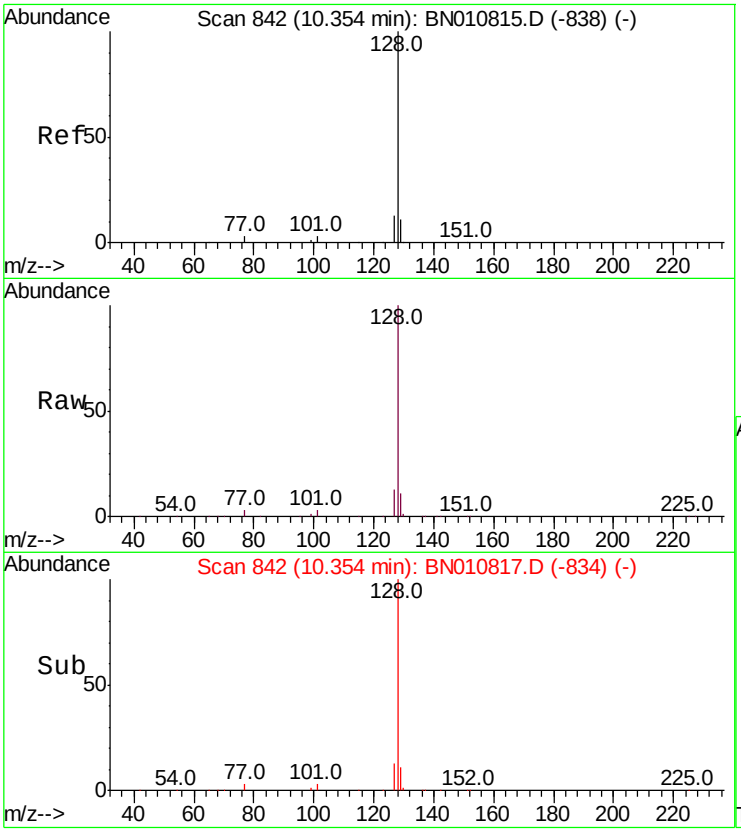


#8
Nitrobenzene-d5
Concen: 3.437 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion: 82 Resp: 19042

Ion	Ratio	Lower	Upper
82	100		
128	36.3	35.4	53.0
54	34.0	28.2	42.4



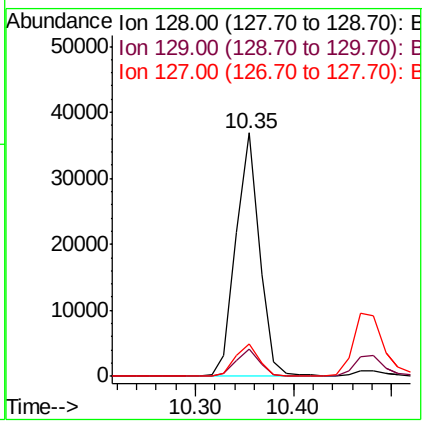


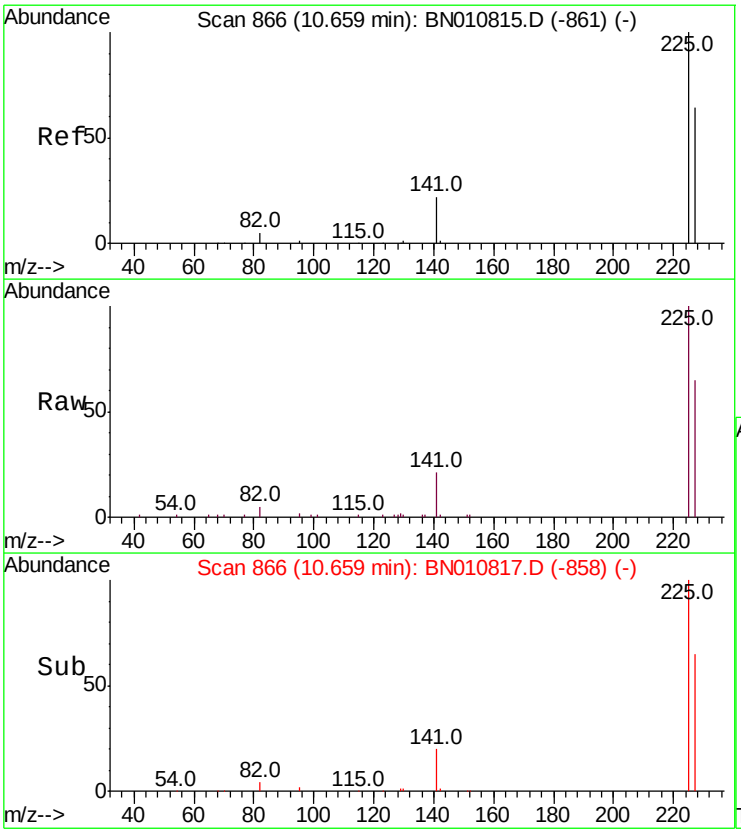
#9
Naphthalene
Concen: 3.231 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 60785

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.1	11.4	17.2

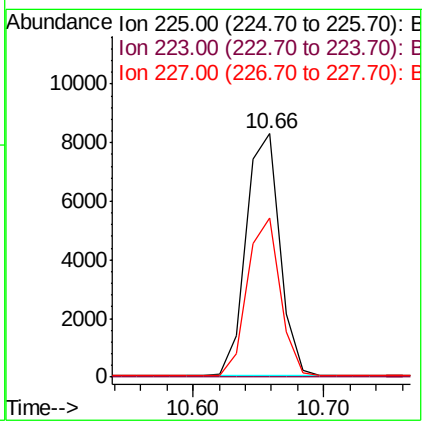


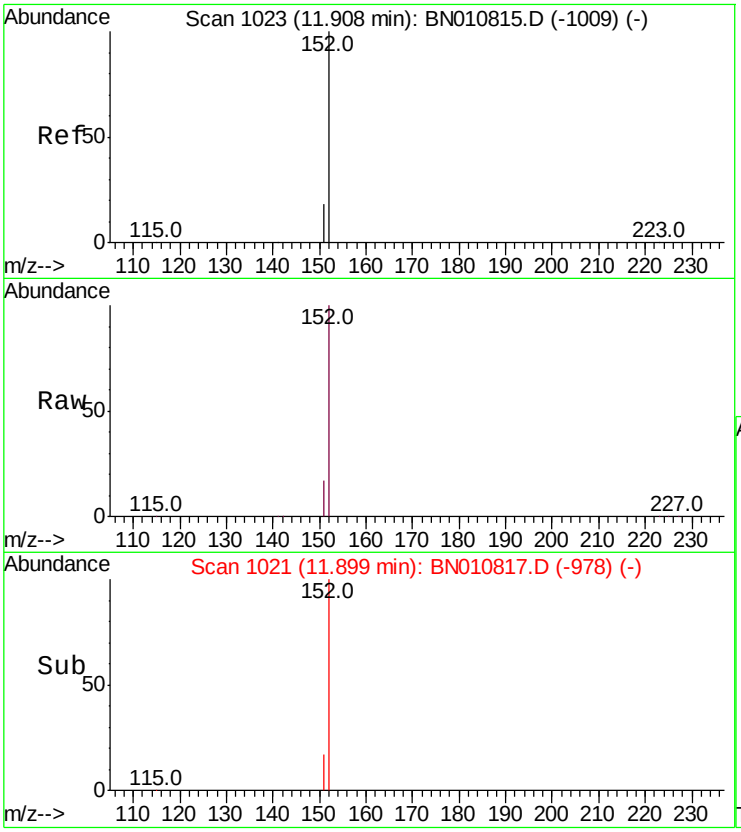


#10
Hexachlorobutadiene
Concen: 3.210 ng
RT: 10.66 min Scan# 866
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:225 Resp: 14739

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



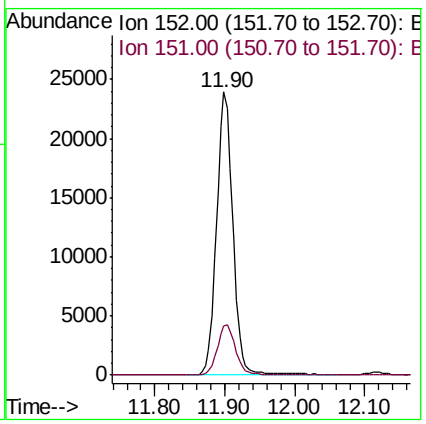


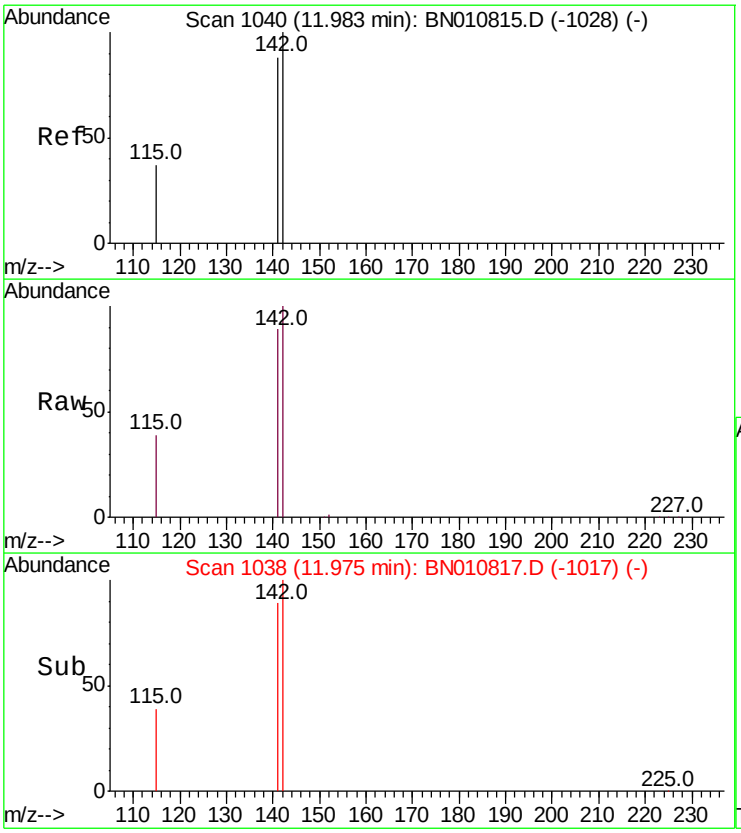
#11
2-Methylnaphthalene-d10
Concen: 3.362 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 38513

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

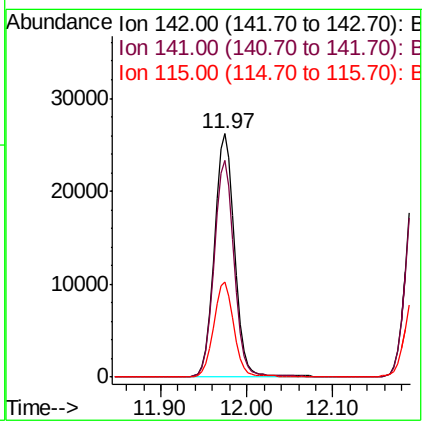


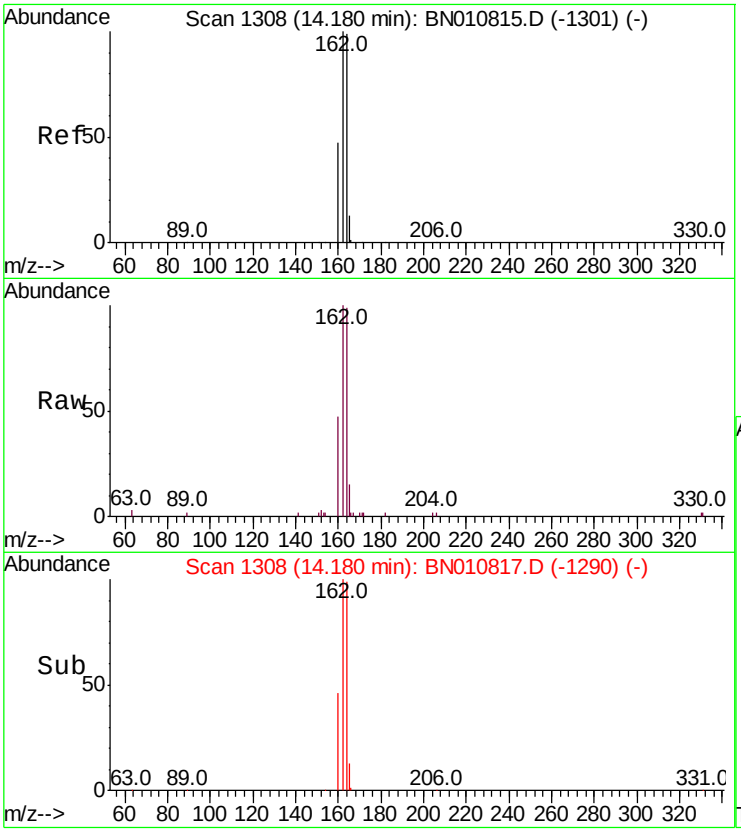


#12
2-Methylnaphthalene
Concen: 3.360 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:142 Resp: 41896

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	38.9	31.5	47.3



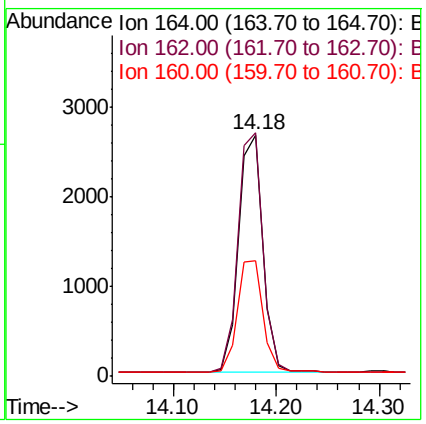


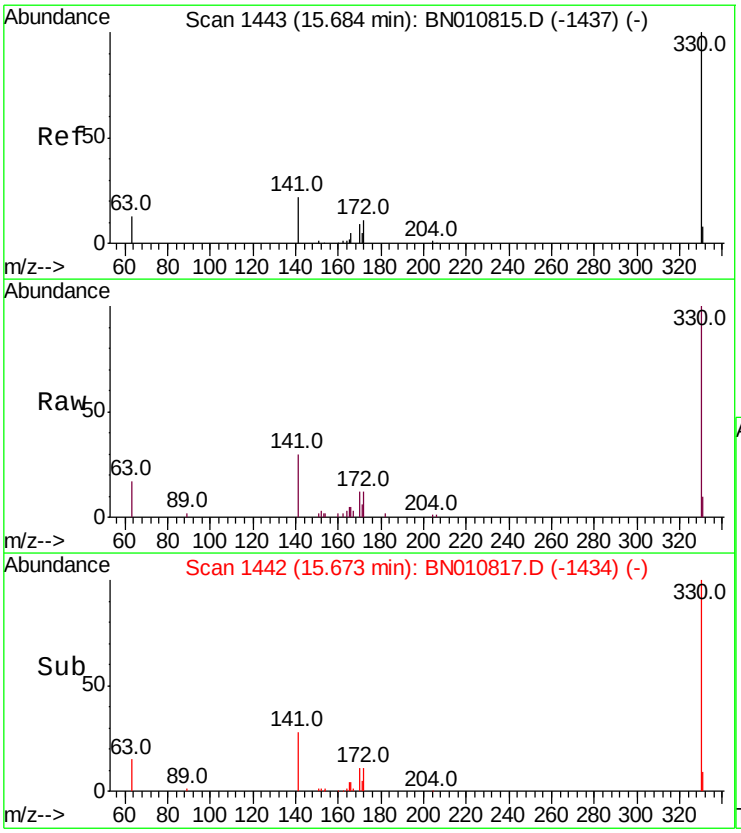
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 4292

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.0	121.6
160	47.7	38.9	58.3

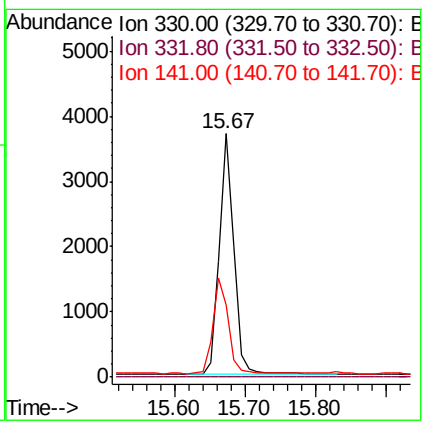


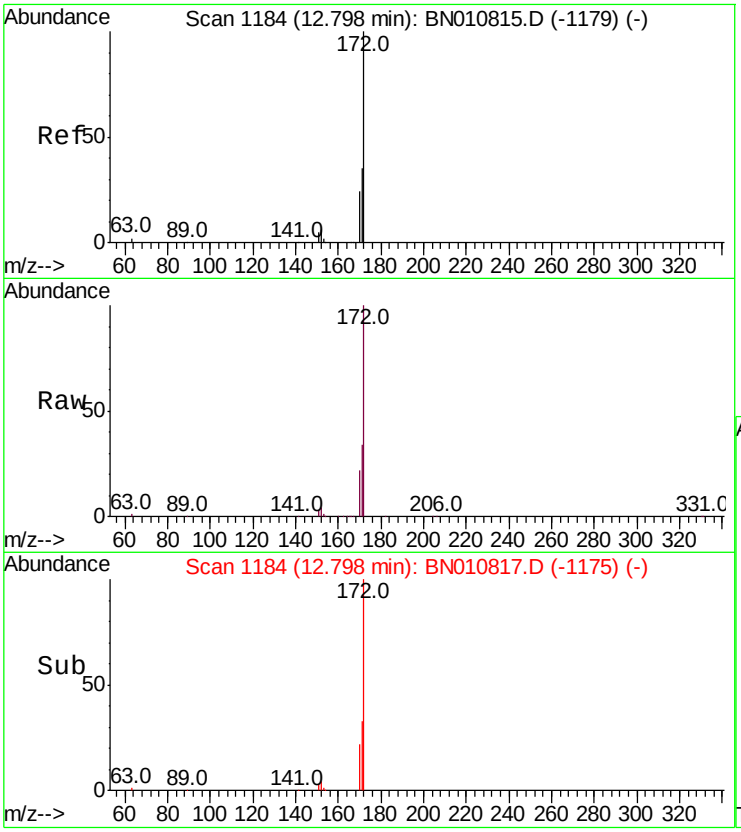


#14
2,4,6-Tribromophenol
Concen: 3.616 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:330 Resp: 5424

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.4	33.2	49.8



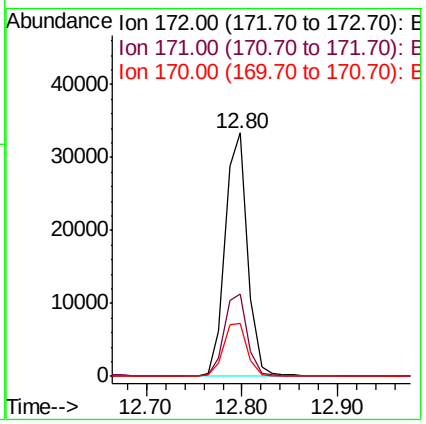


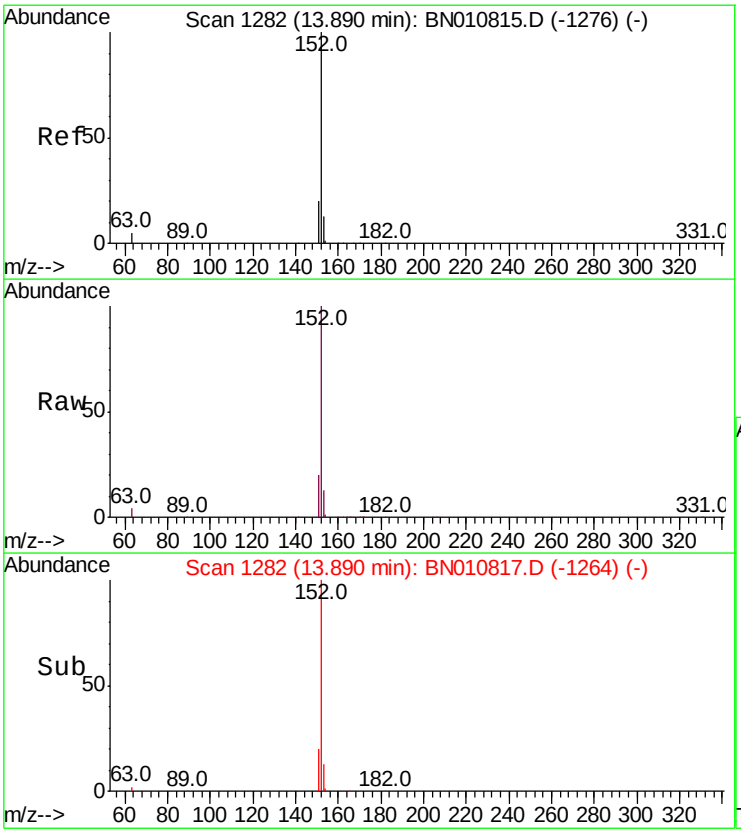
#15
2-Fluorobiphenyl
Concen: 3.254 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 54415

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.5	42.7
170	21.8	19.7	29.5

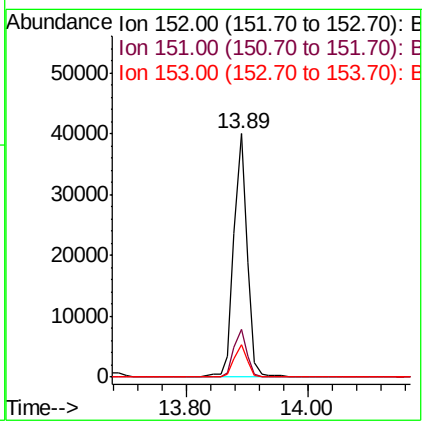


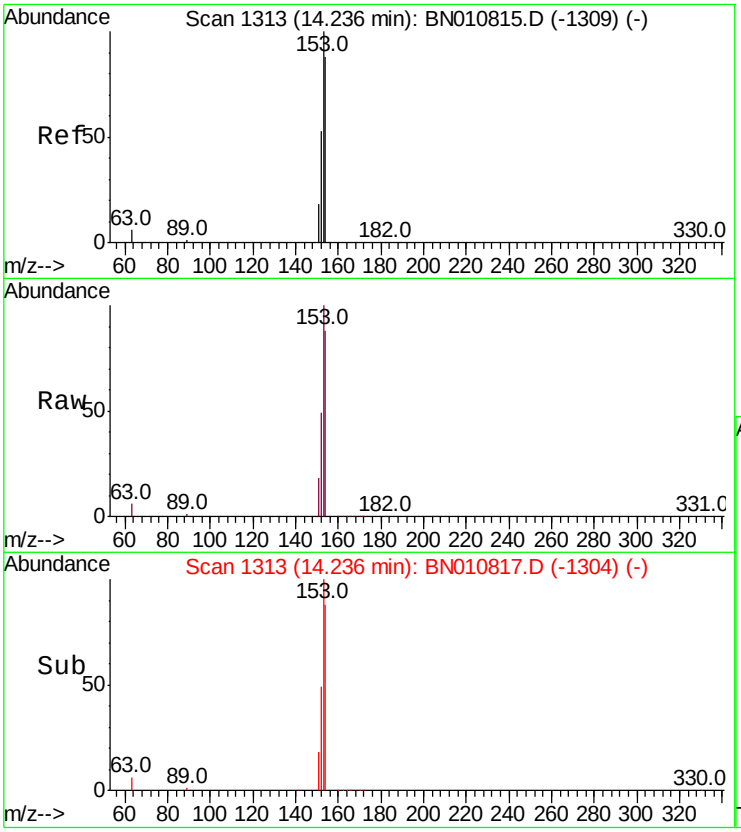


#16
Acenaphthylene
Concen: 3.479 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:152 Resp: 60514

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.6	16.0



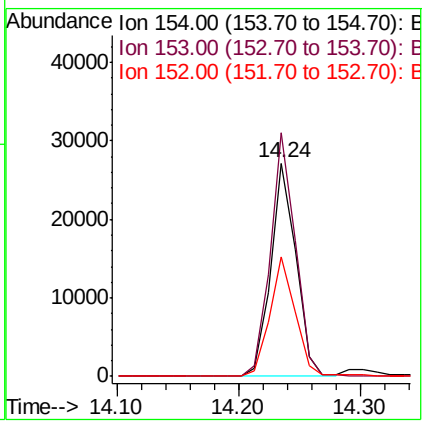


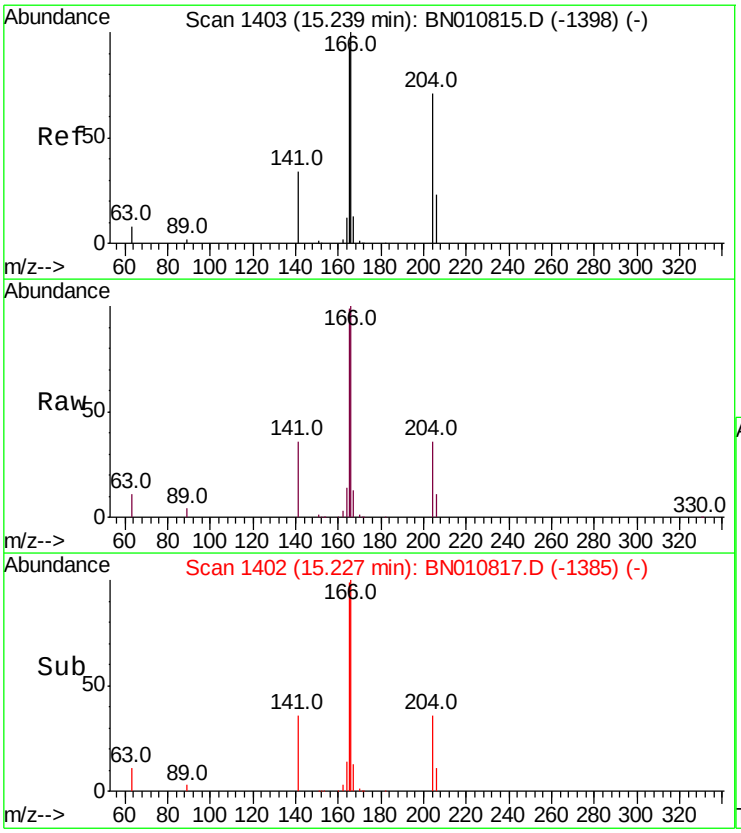
#17
Acenaphthene
Concen: 3.280 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 38677

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.8	137.6
152	56.6	47.6	71.4

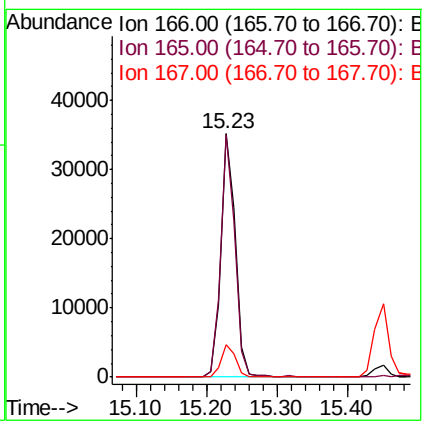


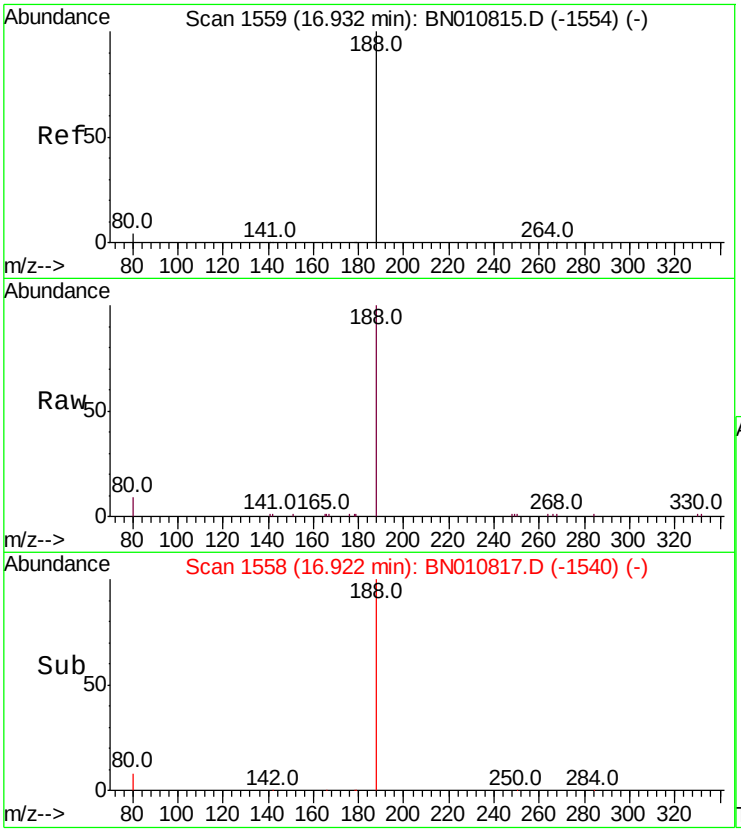


#18
Fluorene
Concen: 3.332 ng
RT: 15.23 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:166 Resp: 50984

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.2	115.8
167	13.4	10.7	16.1



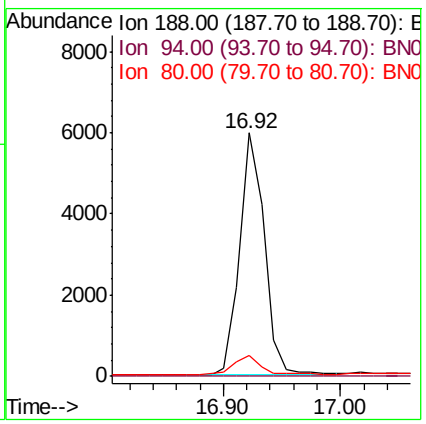


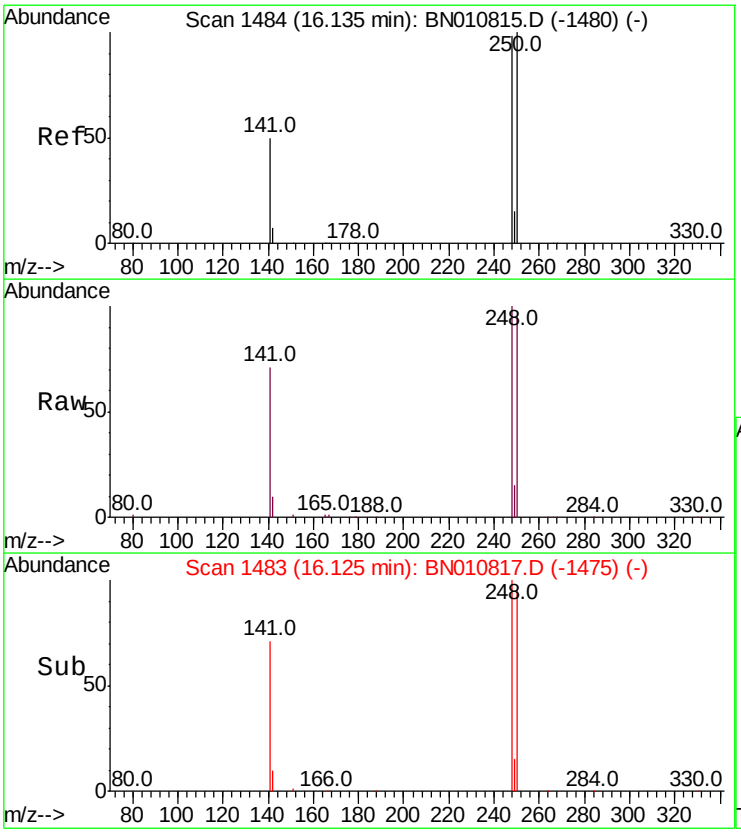
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 8689

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	4.5	6.7#

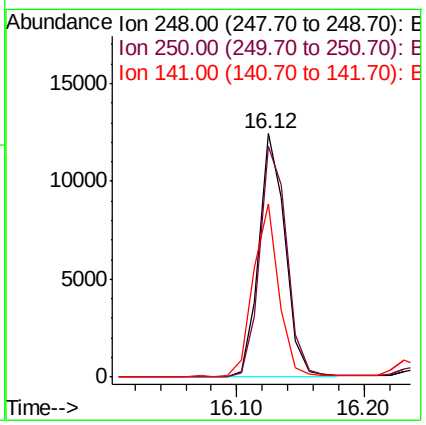


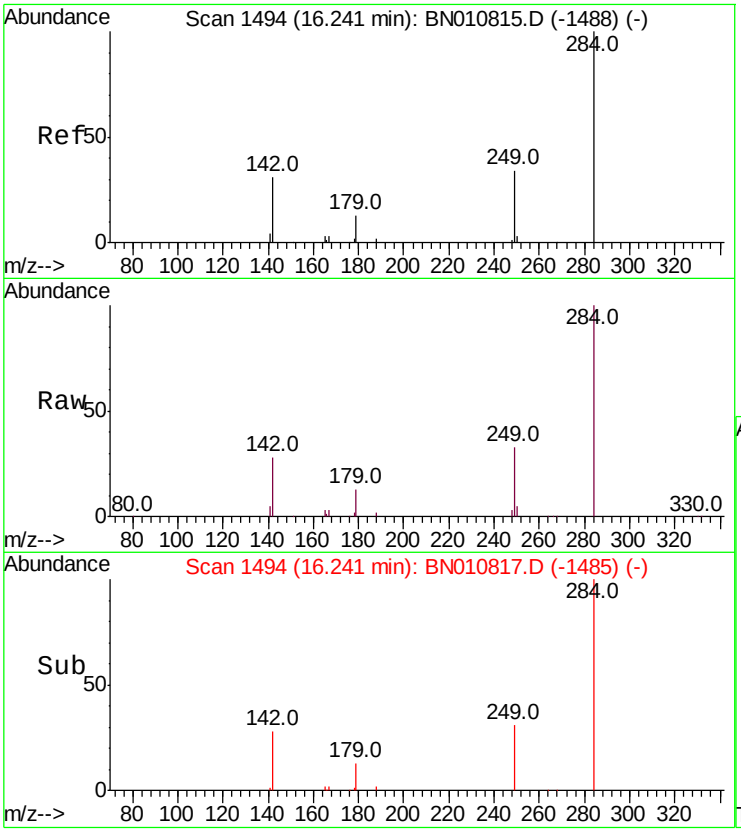


#20
4-Bromophenyl-phenylether
Concen: 3.494 ng
RT: 16.12 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:248 Resp: 17702

Ion	Ratio	Lower	Upper
248	100		
250	94.7	81.8	122.8
141	71.3	42.6	64.0#



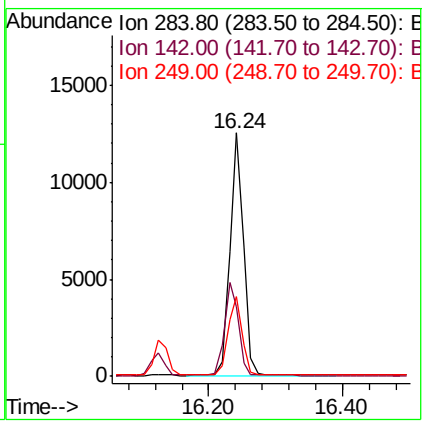


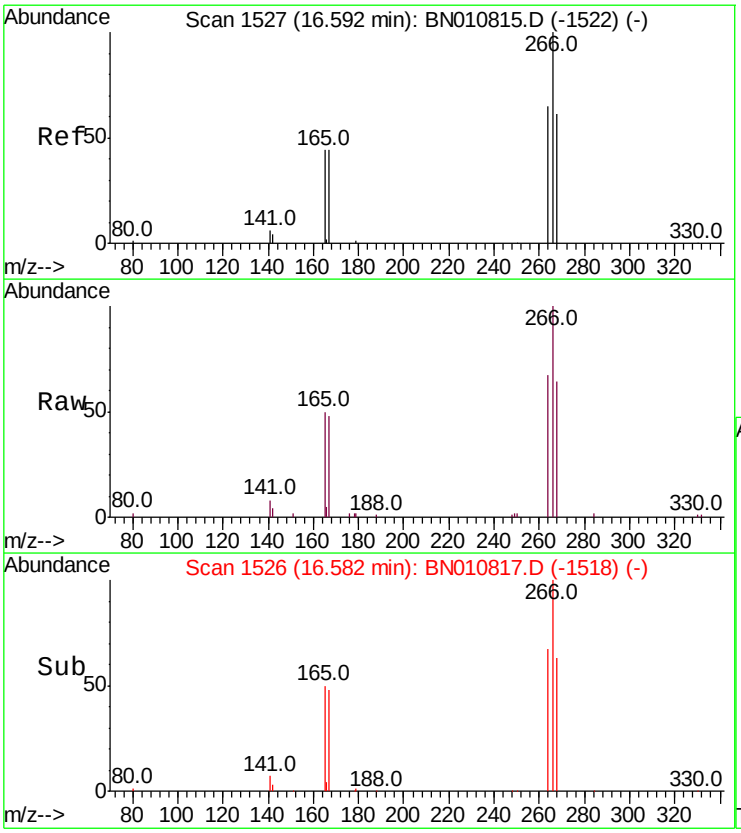
#21
Hexachlorobenzene
Concen: 3.243 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 17352

Ion	Ratio	Lower	Upper
284	100		
142	39.5	31.0	46.4
249	34.0	27.1	40.7

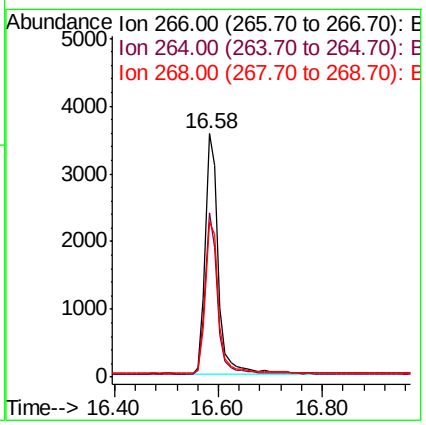


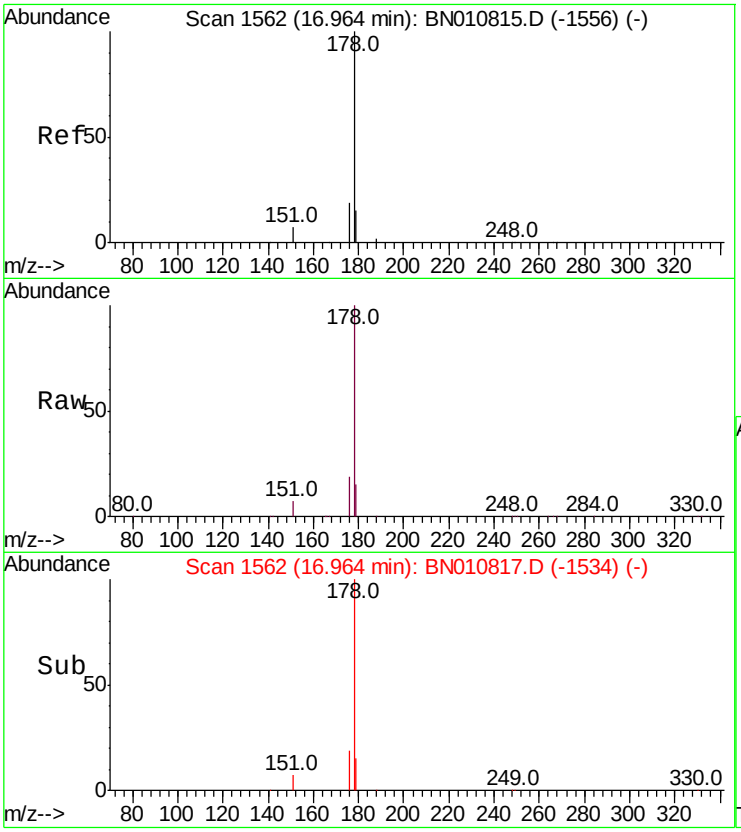


#22
Pentachlorophenol
Concen: 3.450 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:266 Resp: 6287

Ion	Ratio	Lower	Upper
266	100		
264	67.3	54.8	82.2
268	63.6	55.9	83.9



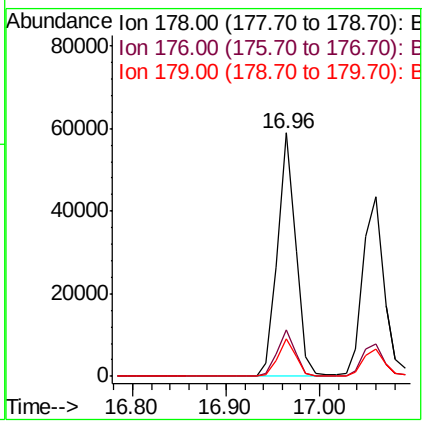


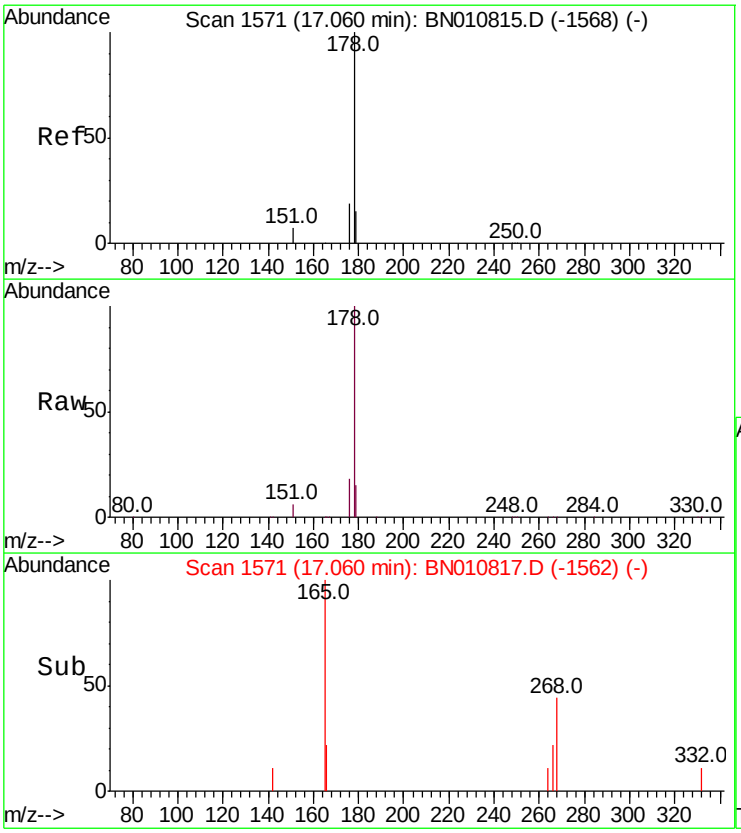
#23
Phenanthrene
Concen: 3.388 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 79573

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

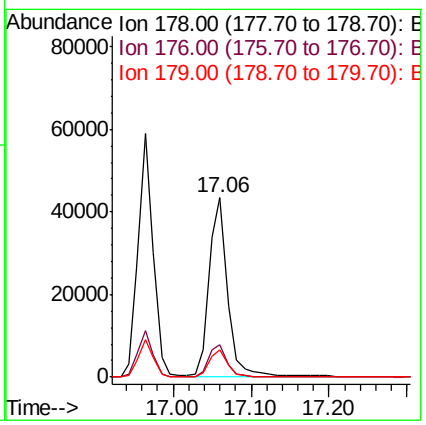


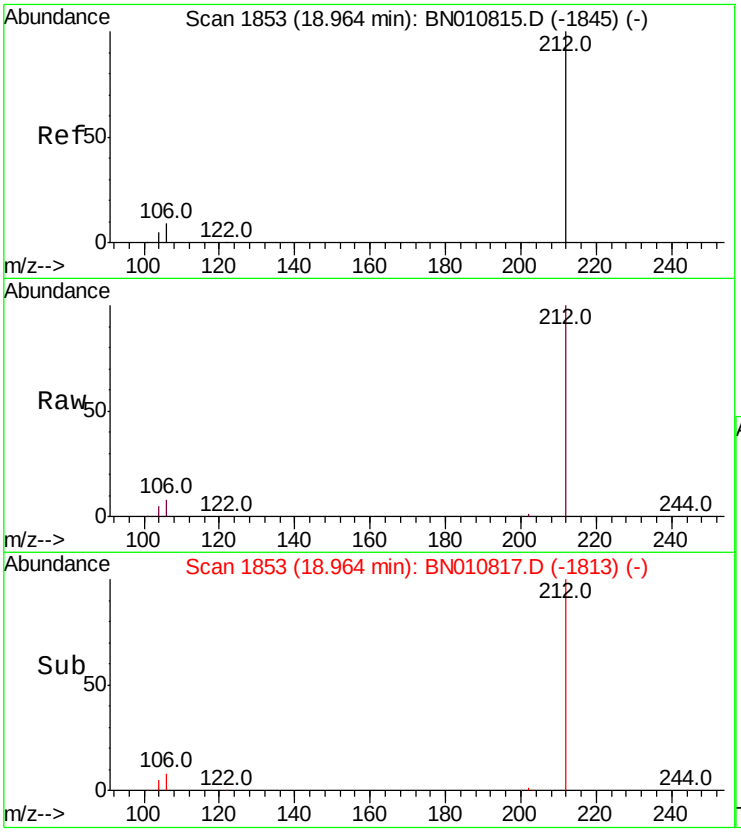


#24
Anthracene
Concen: 3.499 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:178 Resp: 69621

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.4	12.3	18.5



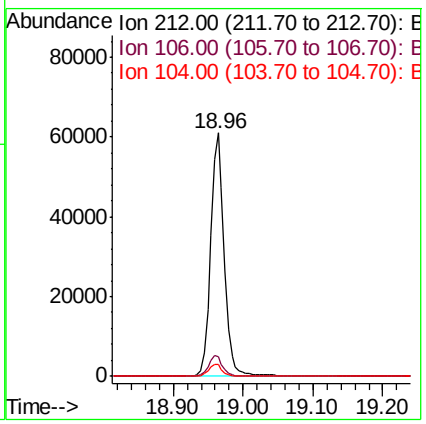


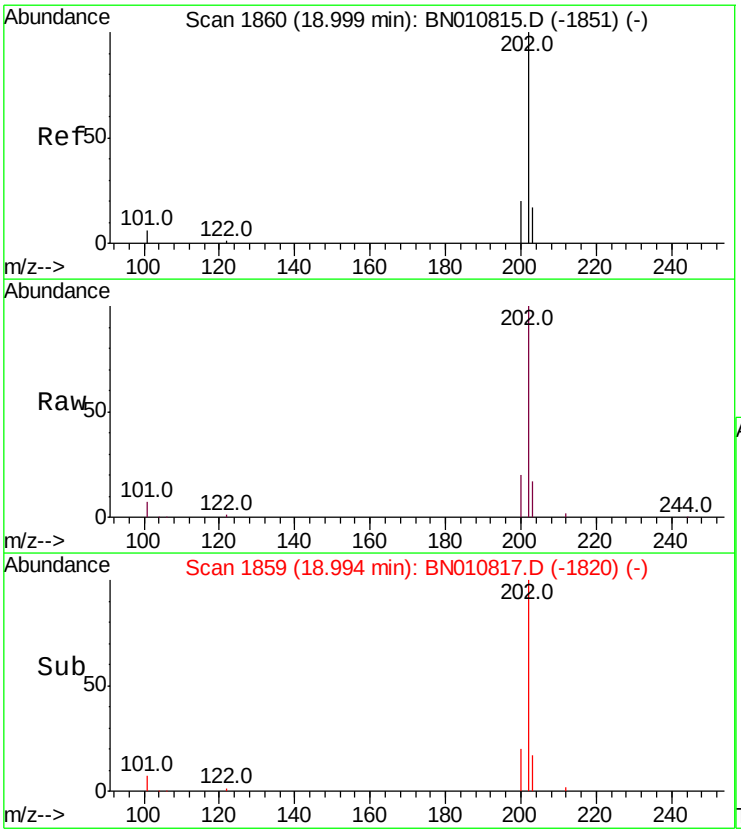
#25
Fluoranthene-d10
Concen: 3.400 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Tgt Ion:212 Resp: 82009

Ion	Ratio	Lower	Upper
212	100		
106	8.7	6.6	10.0
104	5.0	4.0	6.0

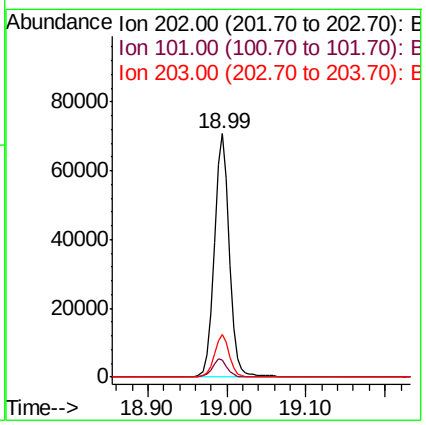


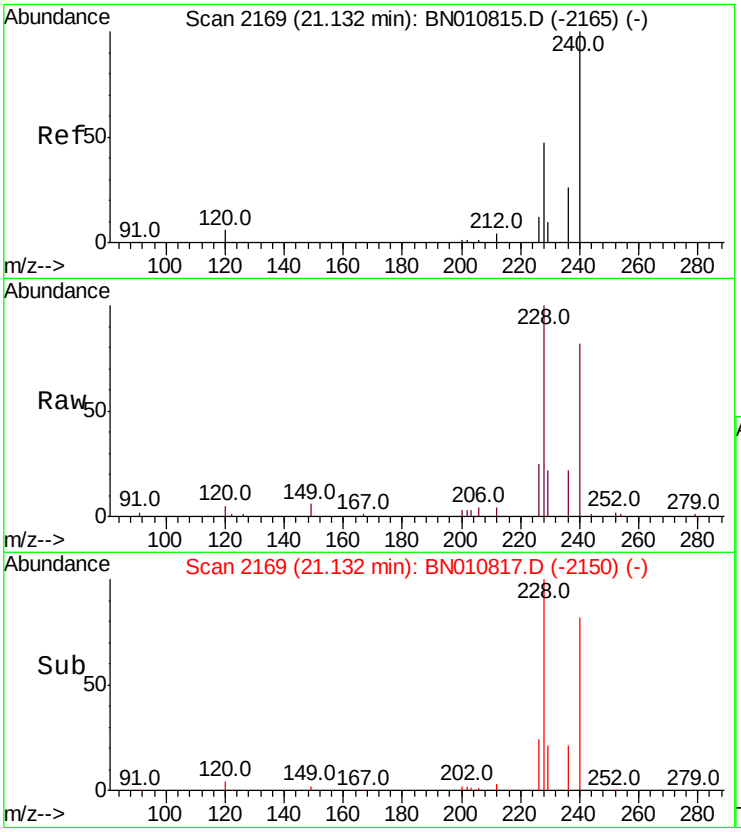


#26
Fluoranthene
Concen: 3.457 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:202 Resp: 93988

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.8	8.6
203	17.2	13.7	20.5



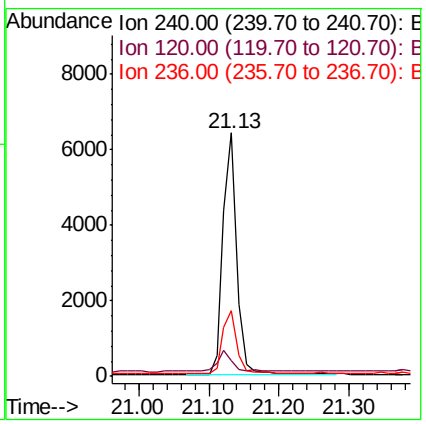


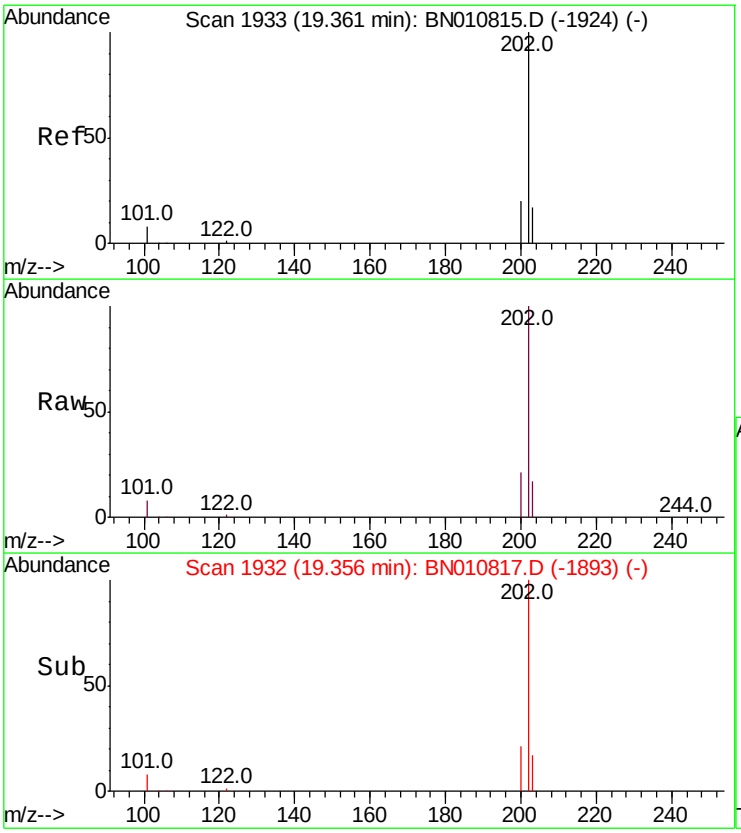
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 8815

Ion	Ratio	Lower	Upper
240	100		
120	6.4	7.5	11.3#
236	27.1	22.3	33.5

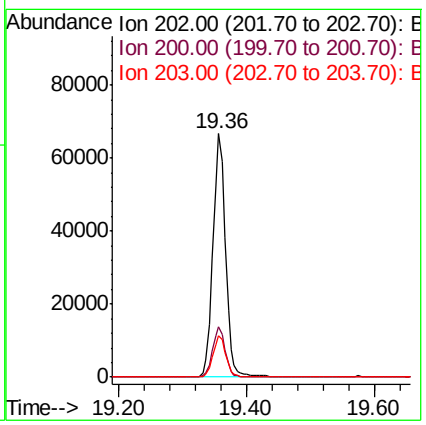


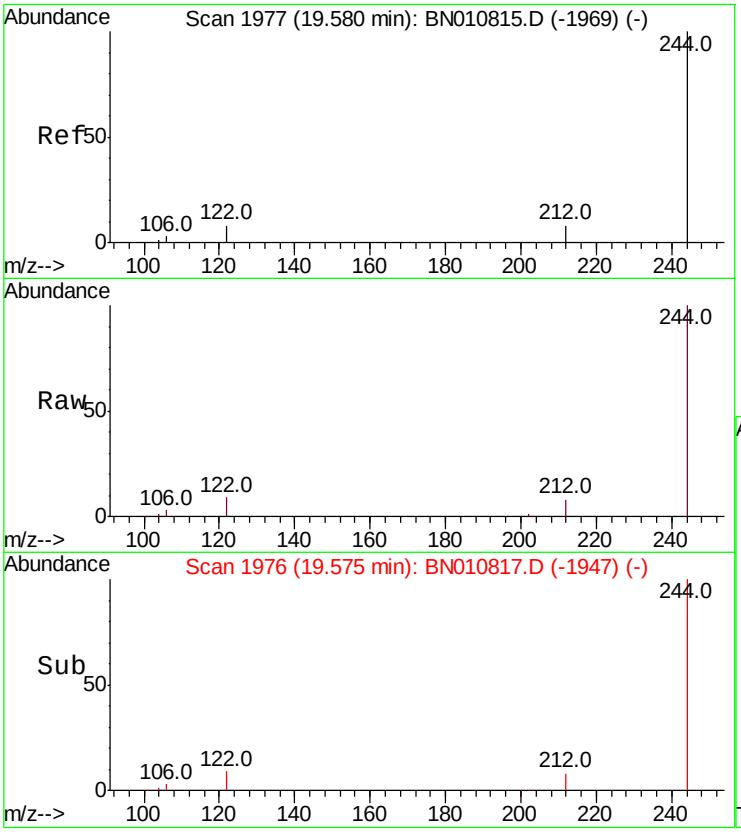


#28
Pyrene
Concen: 3.256 ng
RT: 19.36 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:202 Resp: 90965

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.4	14.2	21.4



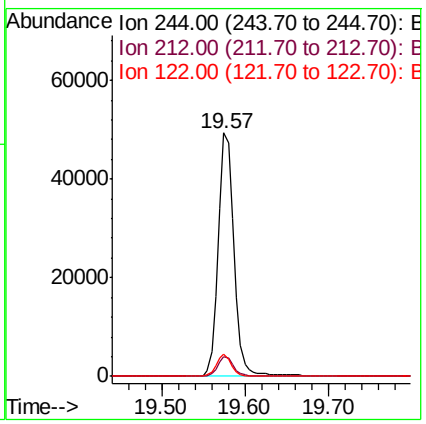


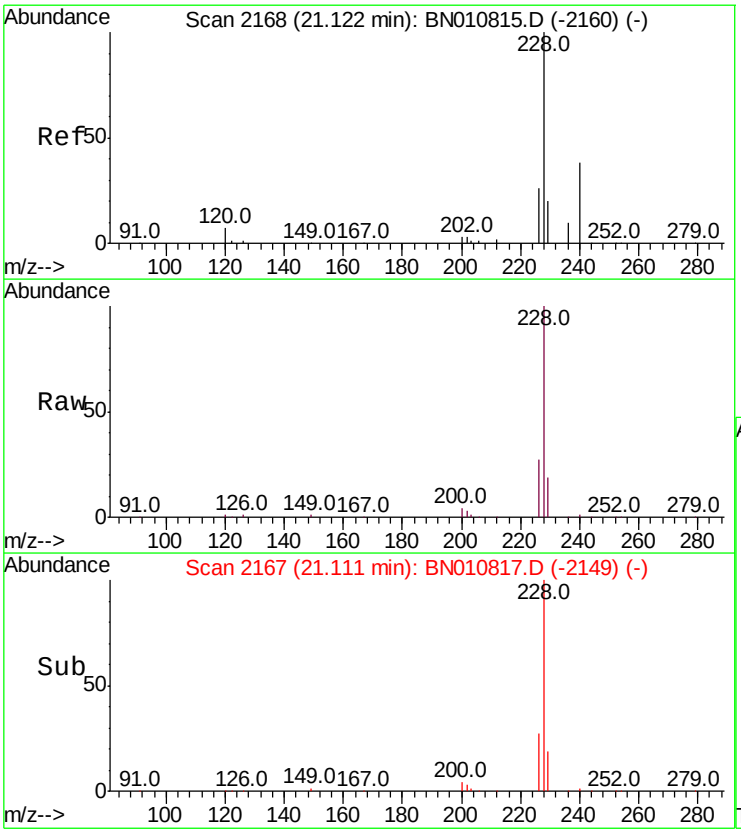
#29
Terphenyl-d14
Concen: 3.274 ng
RT: 19.57 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 64339

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	9.0	7.5	11.3

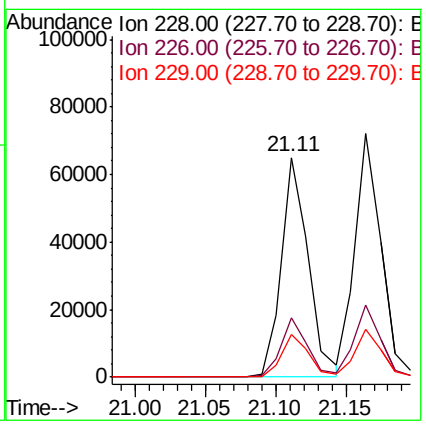


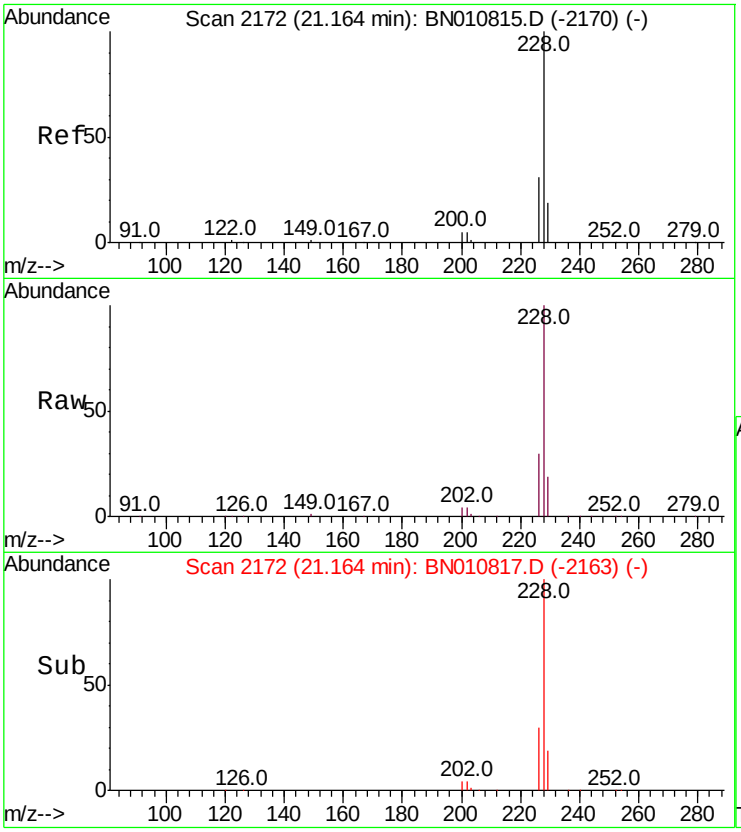


#30
Benzo(a)anthracene
Concen: 3.377 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:228 Resp: 87417

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.3	31.9
229	19.3	16.6	24.8



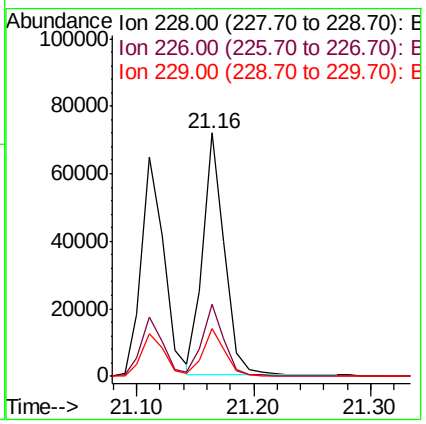


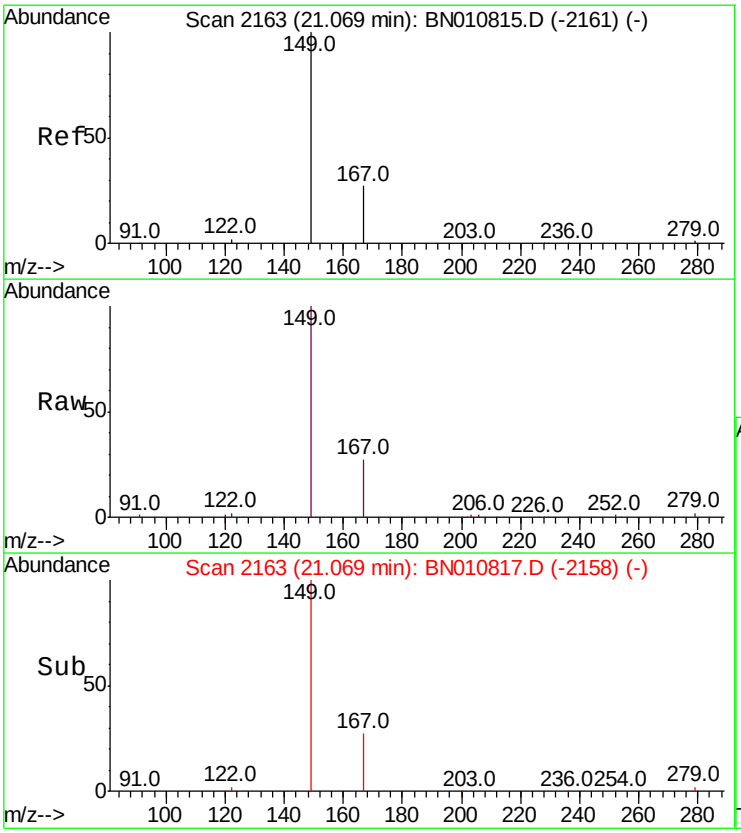
#31
Chrysene
Concen: 3.162 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 92940

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	19.4	16.1	24.1

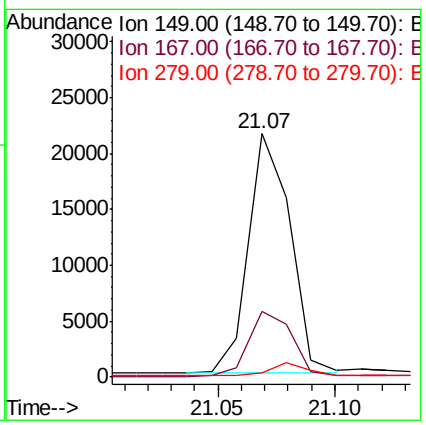


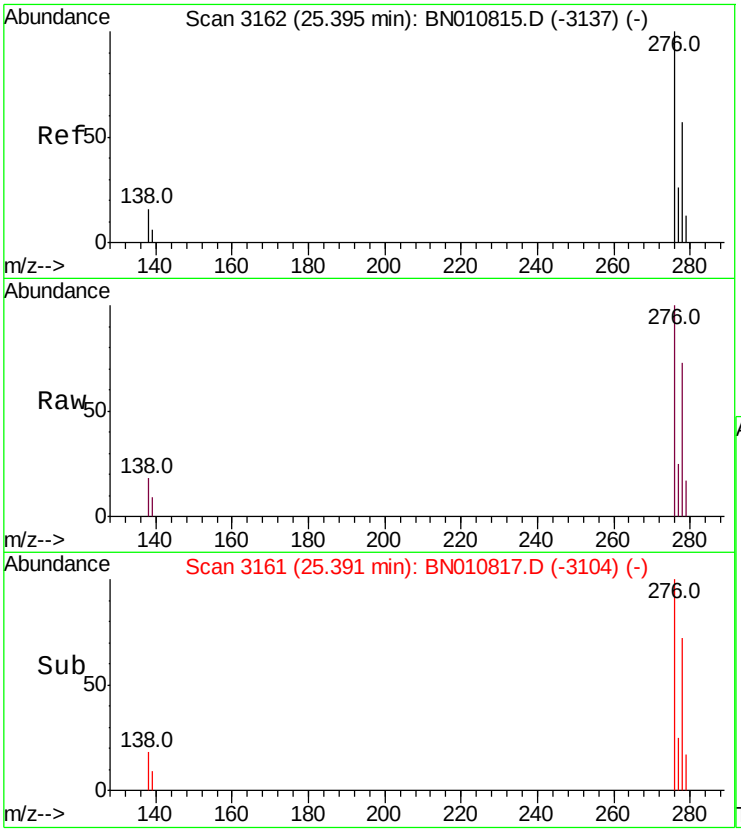


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.100 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:149 Resp: 26502

Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.1	36.1
279	4.9	4.6	7.0



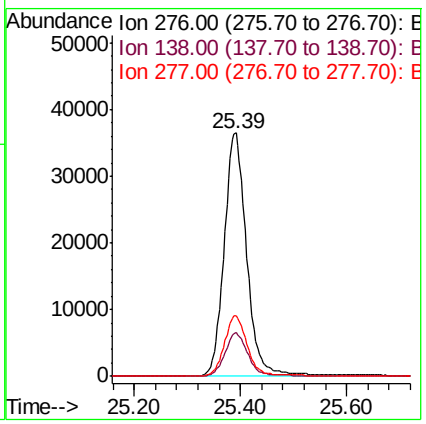


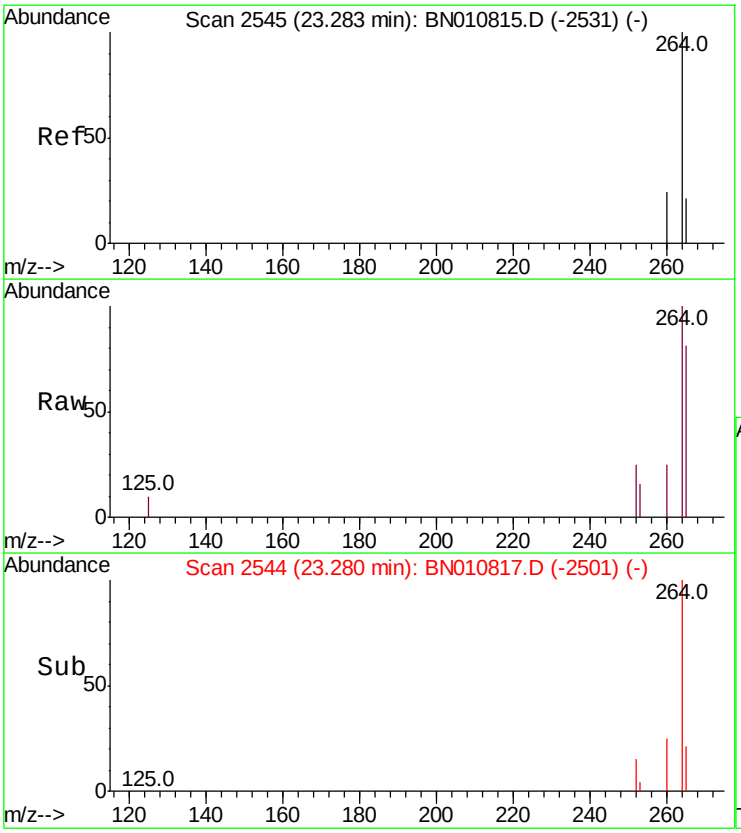
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.030 ng
RT: 25.39 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 107005

Ion	Ratio	Lower	Upper
276	100		
138	17.9	13.0	19.6
277	25.0	19.7	29.5

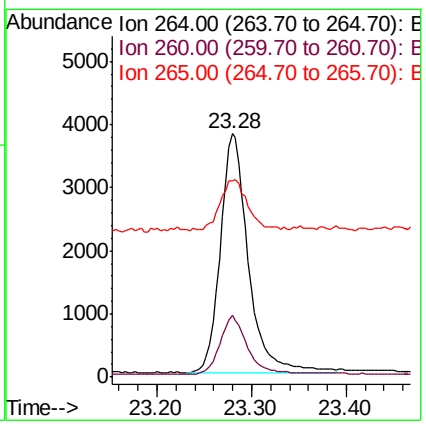


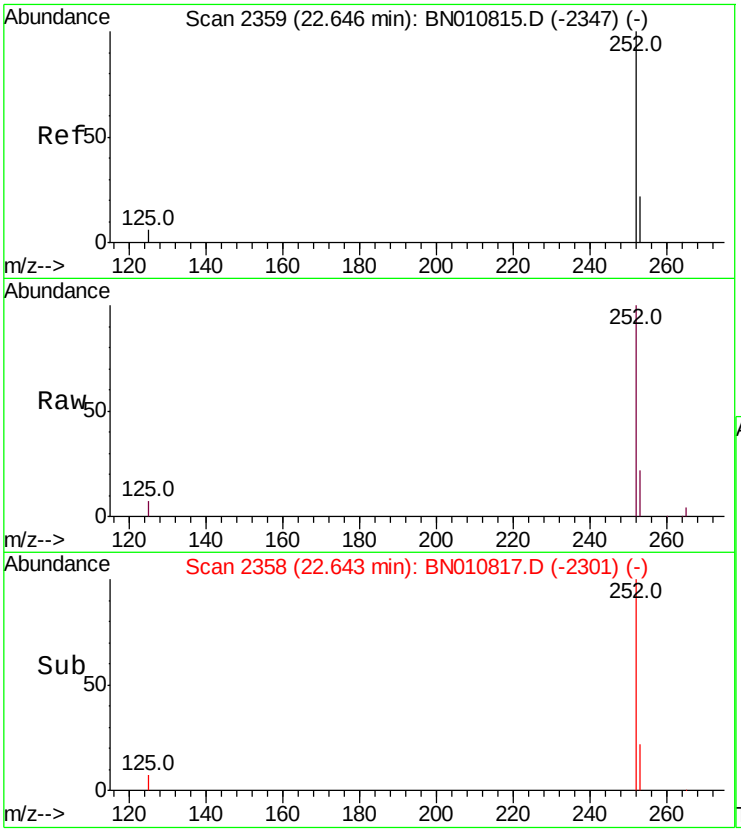


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:264 Resp: 7751

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	80.8	75.0	112.4



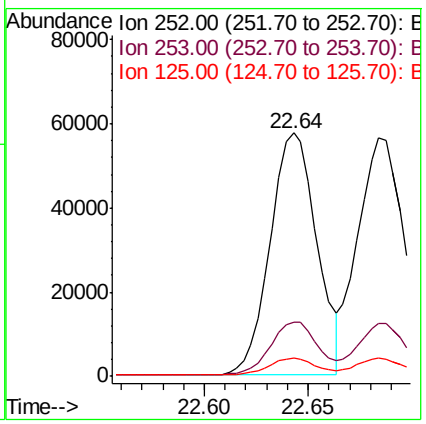


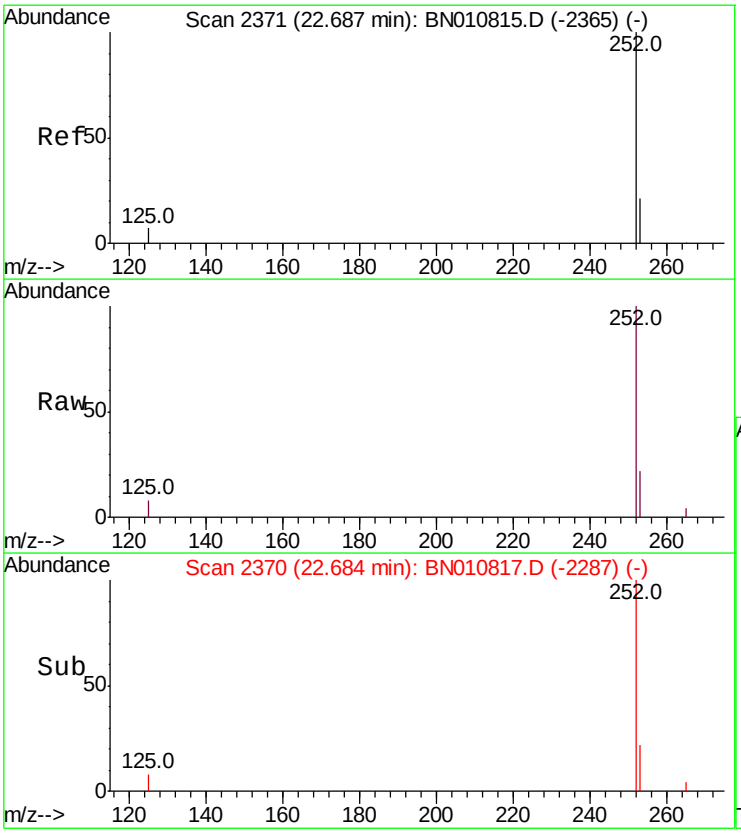
#35
Benzo(b)fluoranthene
Concen: 3.548 ng
RT: 22.64 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 89557

Ion	Ratio	Lower	Upper
252	100		
253	22.2	22.4	33.6#
125	7.5	9.4	14.0#

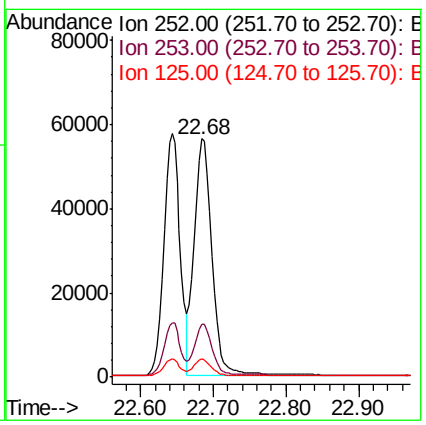


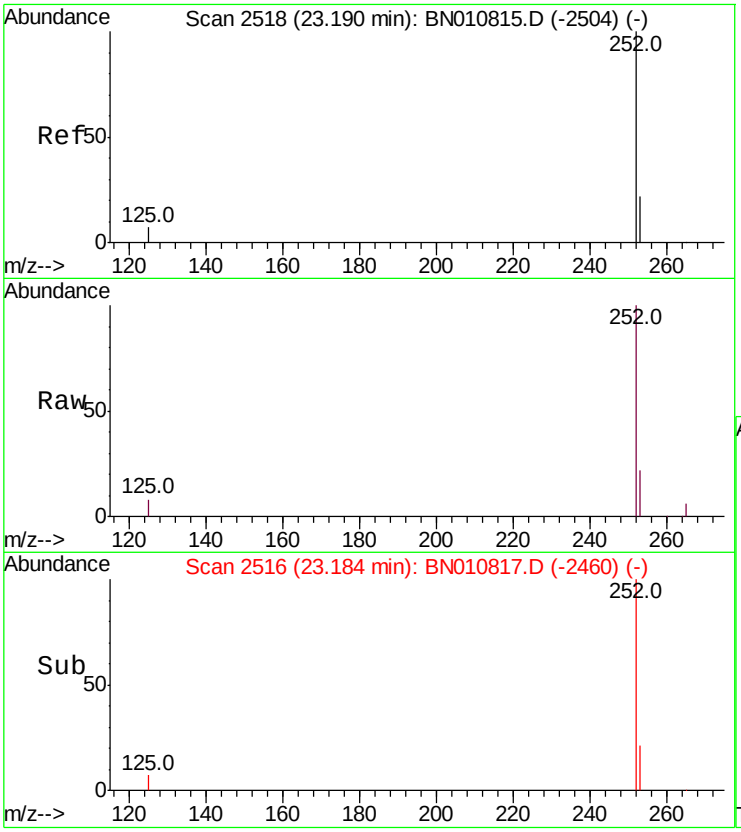


#36
Benzo(k)fluoranthene
Concen: 3.387 ng
RT: 22.68 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:252 Resp: 94073

Ion	Ratio	Lower	Upper
252	100		
253	22.1	22.2	33.4#
125	7.5	9.8	14.8#



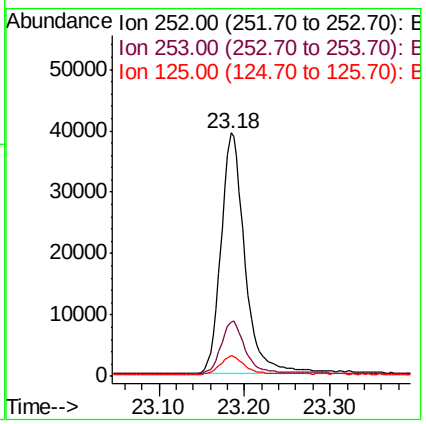


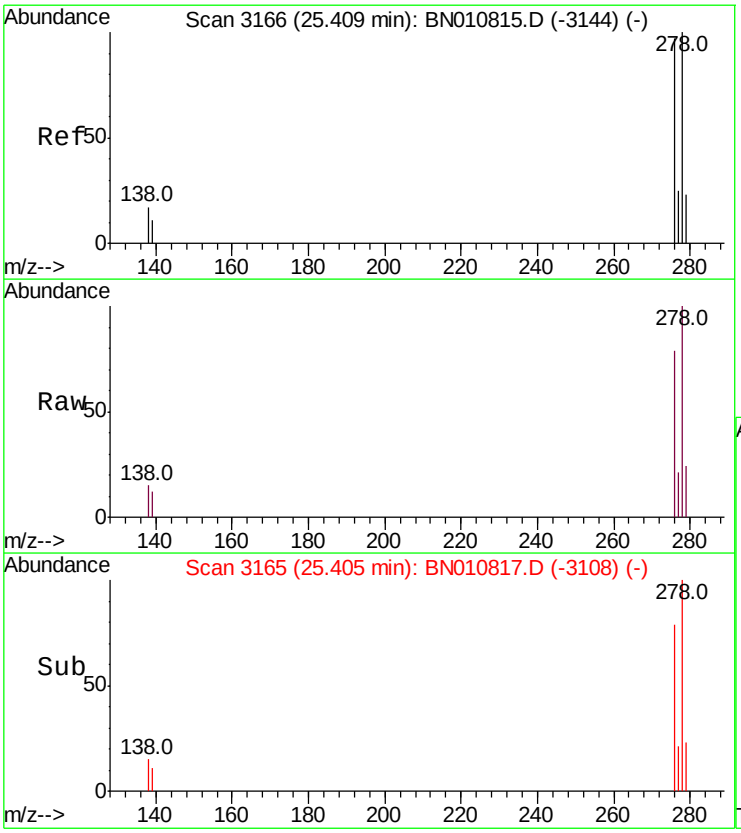
#37
Benzo(a)pyrene
Concen: 3.411 ng
RT: 23.18 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 76879

Ion	Ratio	Lower	Upper
252	100		
253	22.3	25.8	38.8#
125	8.3	12.4	18.6#

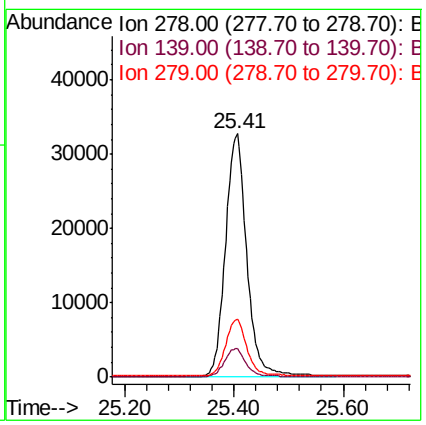


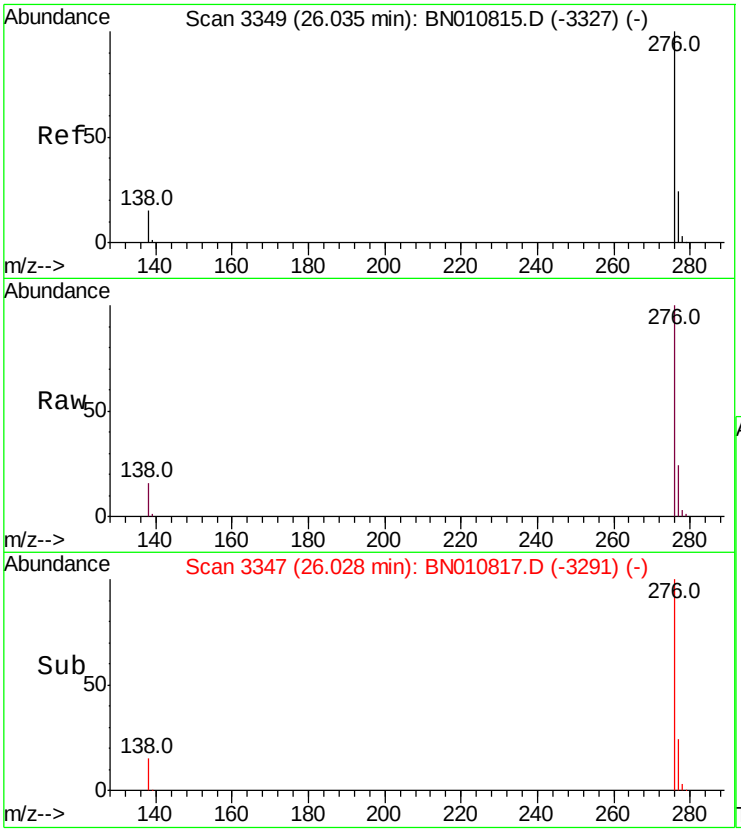


#38
Dibenzo(a,h)anthracene
Concen: 3.504 ng
RT: 25.41 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Tgt Ion:278 Resp: 88944

Ion	Ratio	Lower	Upper
278	100		
139	11.5	10.6	15.8
279	24.0	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 3.401 ng
RT: 26.03 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BN010817.D
Acq: 10 Jun 2020 14:02

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 89274

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.5	30.7
138	15.7	13.7	20.5