Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010231.D
Acq On : 17 Mar 2020 09:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 17 13:10:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3172	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	10908	0.40	ng		0.00
13) Acenaphthene-d10	14.25	164	6664	0.40	ng		-0.01
19) Phenanthrene-d10	17.00	188	16395	0.40	ng		0.00
27) Chrysene-d12	21.19	240	17239	0.40	ng		-0.01
34) Perylene-d12	23.37	264	17251	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2428	0.33	ng		0.00
5) Phenol-d6	6.81	99	3037	0.33	ng		0.00
8) Nitrobenzene-d5	8.76	82	2575	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6848	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.74	330	829	0.35	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	10391	0.44	ng		0.00
25) Fluoranthene-d10	19.03	212	19209	0.38	ng		0.00
29) Terphenyl-d14	19.64	244	15170	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1246	0.403	ng	#	54
3) n-Nitrosodimethylamine	3.58	42	853	0.311	ng	#	35
6) bis(2-Chloroethyl)ether	7.07	93	3097	0.399	ng		97
9) Naphthalene	10.44	128	10937	0.400	ng		97
10) Hexachlorobutadiene	10.75	225	2756	0.438	ng	#	94
12) 2-Methylnaphthalene	12.06	142	7513	0.383	ng		94
16) Acenaphthylene	13.97	152	10651	0.346	ng		100
17) Acenaphthene	14.31	154	7236	0.388	ng		97
18) Fluorene	15.31	166	10050	0.395	ng		100
20) 4-Bromophenyl-phenylether	16.20	248	3758	0.399	ng		94
21) Hexachlorobenzene	16.32	284	4126	0.449	ng		99
22) Pentachlorophenol	16.66	266	939	0.331	ng		92
23) Phenanthrene	17.04	178	17733	0.408	ng		100
24) Anthracene	17.12	178	14874	0.343	ng		99
26) Fluoranthene	19.06	202	21716	0.394	ng		99
28) Pyrene	19.42	202	21700	0.377	ng		99
30) Benzo(a)anthracene	21.17	228	20216	0.345	ng		100
31) Chrysene	21.23	228	23954	0.415	ng		97
32) Bis(2-ethylhexyl)phthalate	21.14	149	5029	0.201	ng		97
33) Indeno(1,2,3-cd)pyrene	25.52	276	23570	0.344	ng		98
35) Benzo(b)fluoranthene	22.72	252	21940	0.414	ng		99
36) Benzo(k)fluoranthene	22.77	252	22628	0.422	ng		99
37) Benzo(a)pyrene	23.27	252	17984	0.359	ng		99
38) Dibenzo(a,h)anthracene	25.54	278	19749	0.393	ng		98
39) Benzo(g,h,i)perylene	26.17	276	20421	0.407	ng		97

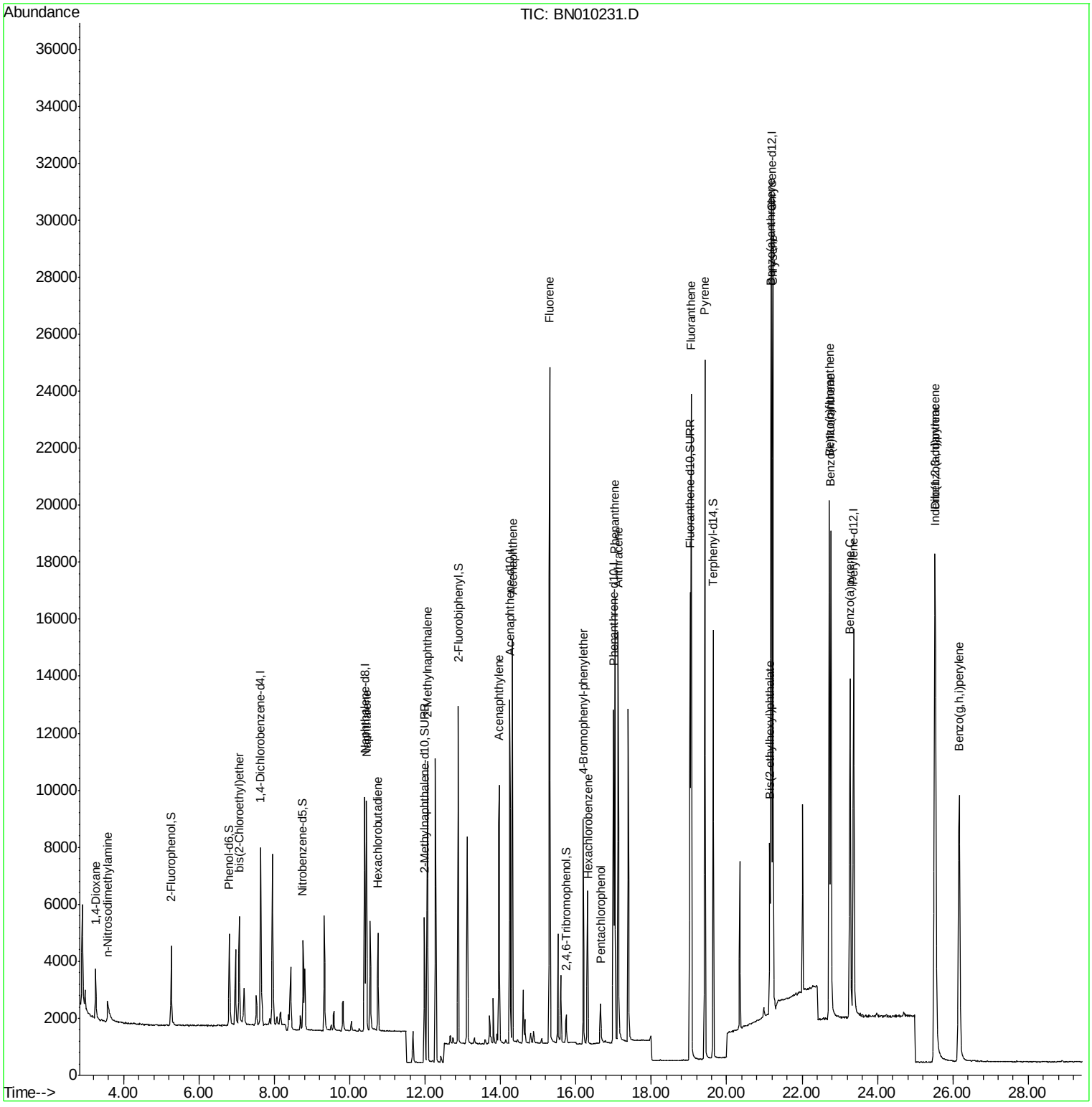
(#) = qualifier out of range (m) = manual integration (+) = signals summed

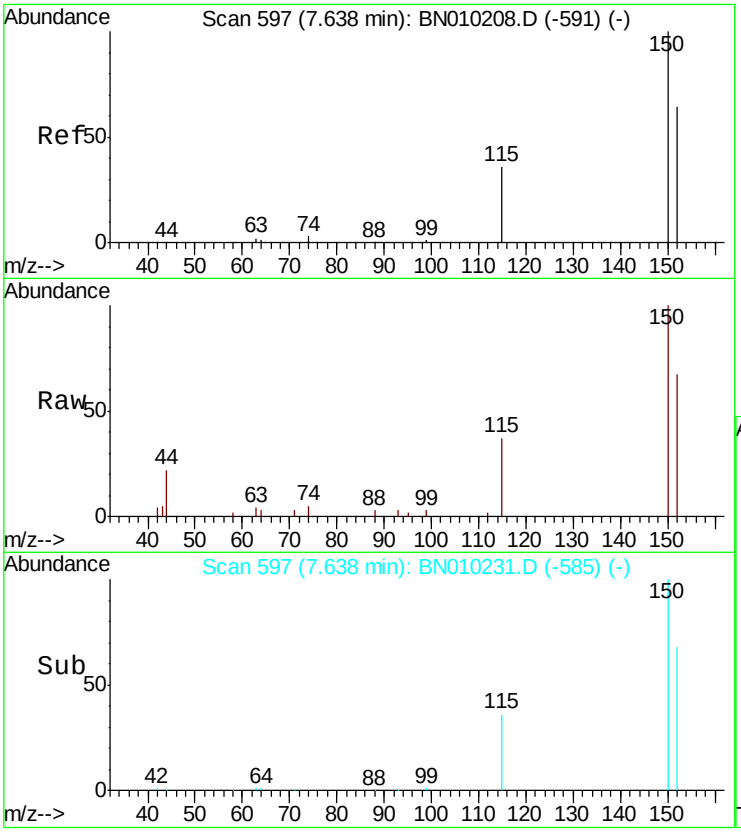
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010231.D
Acq On : 17 Mar 2020 09:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 17 13:10:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration



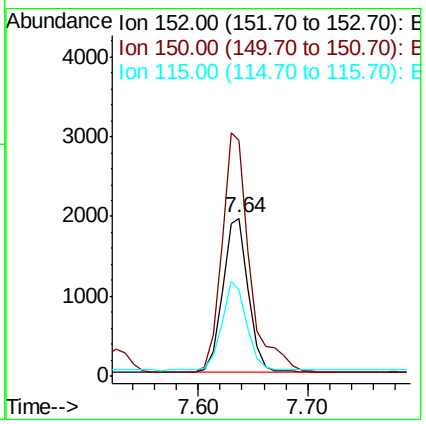


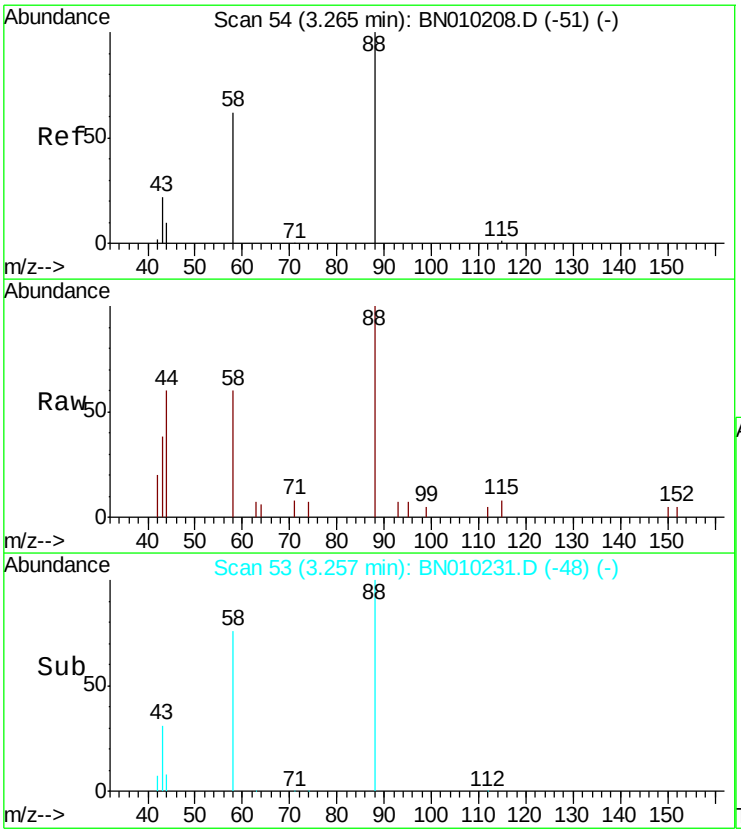
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3172

Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	54.9	50.9	76.3

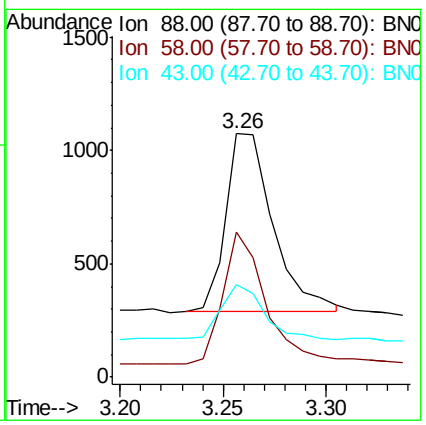


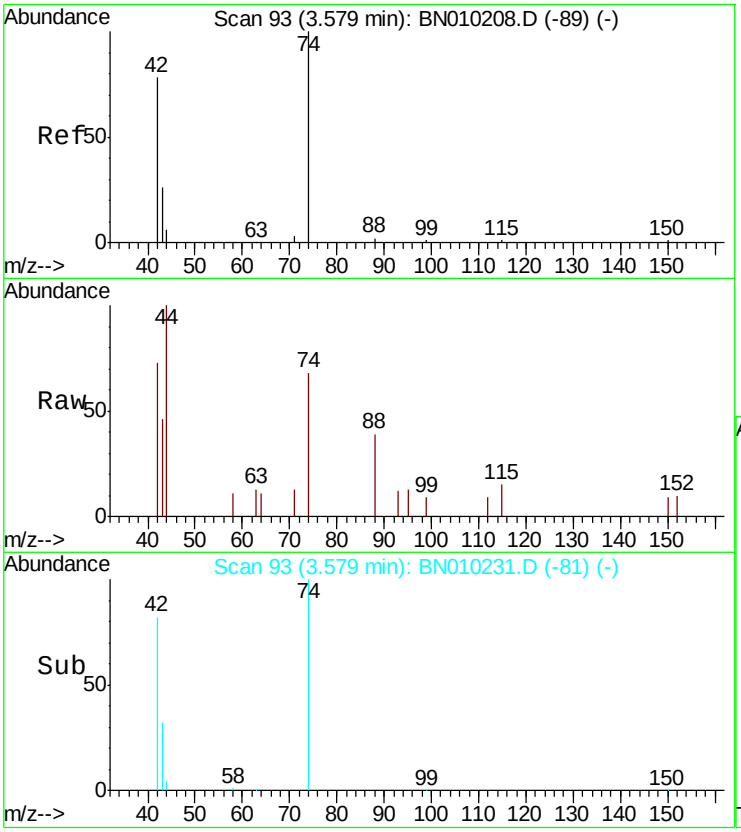


#2
1,4-Dioxane
Concen: 0.403 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion: 88 Resp: 1246

Ion	Ratio	Lower	Upper
88	100		
58	67.2	97.8	146.8#
43	28.6	45.1	67.7#



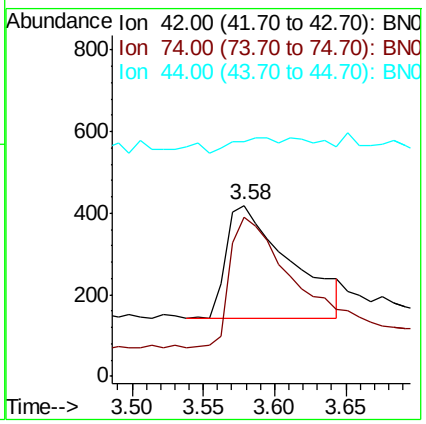


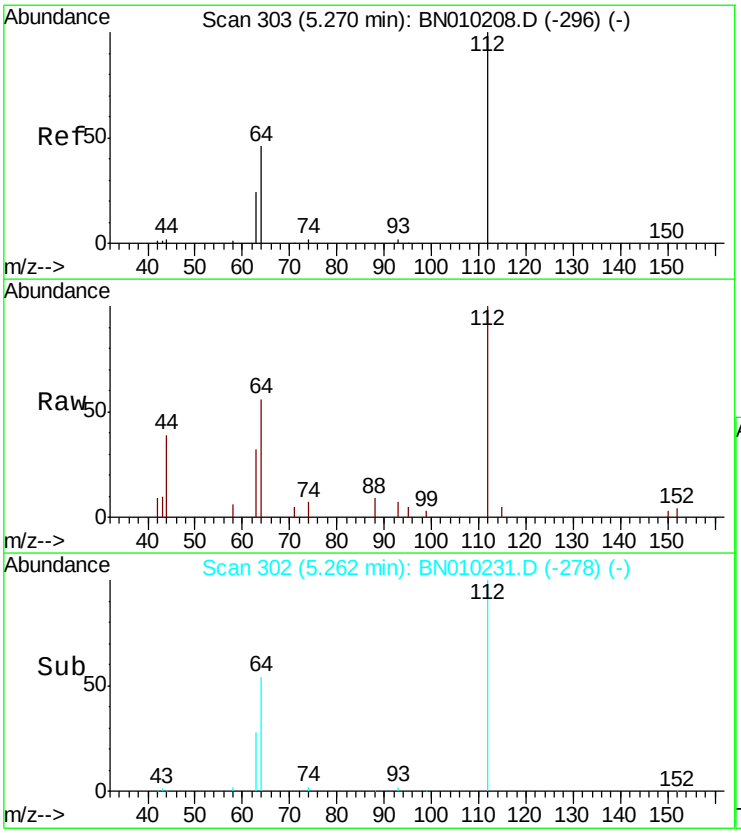
#3
n-Nitrosodimethylamine
Concen: 0.311 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 853

Ion	Ratio	Lower	Upper
42	100		
74	116.5	51.2	76.8#
44	9.7	2.6	4.0#

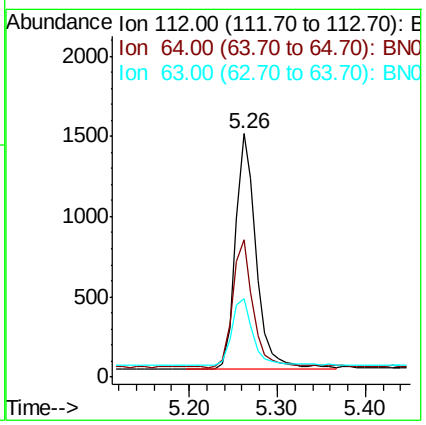


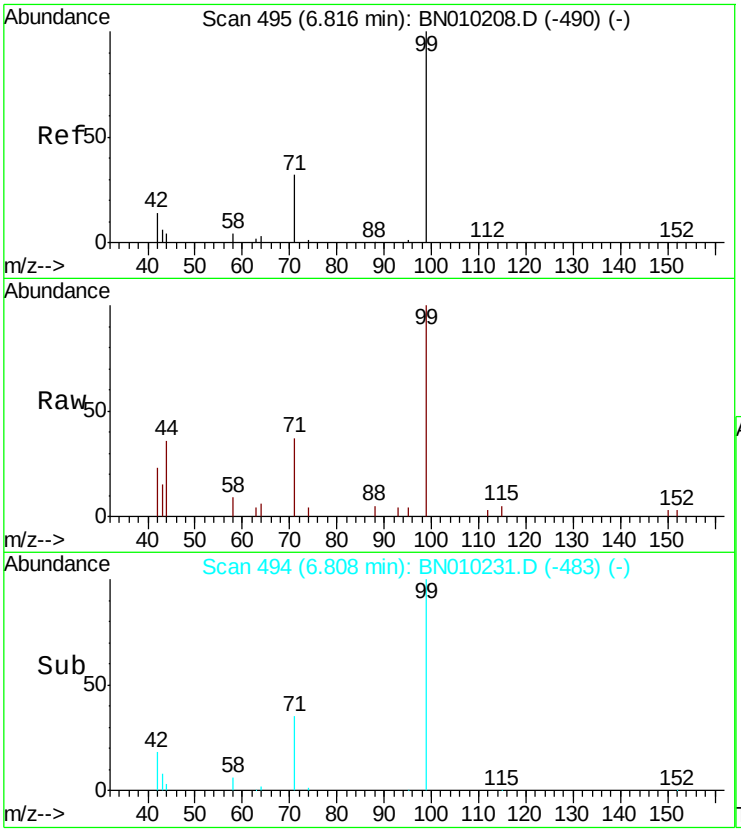


#4
2-Fluorophenol
Concen: 0.326 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:112 Resp: 2428

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.6	63.8
63	29.6	23.6	35.4



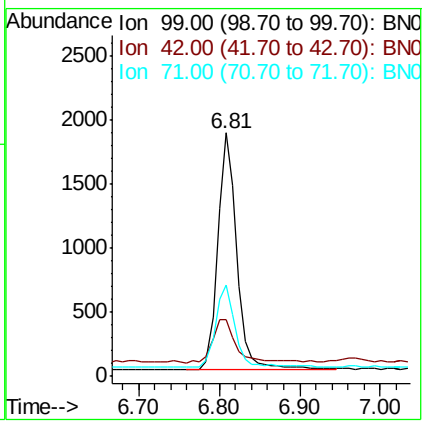


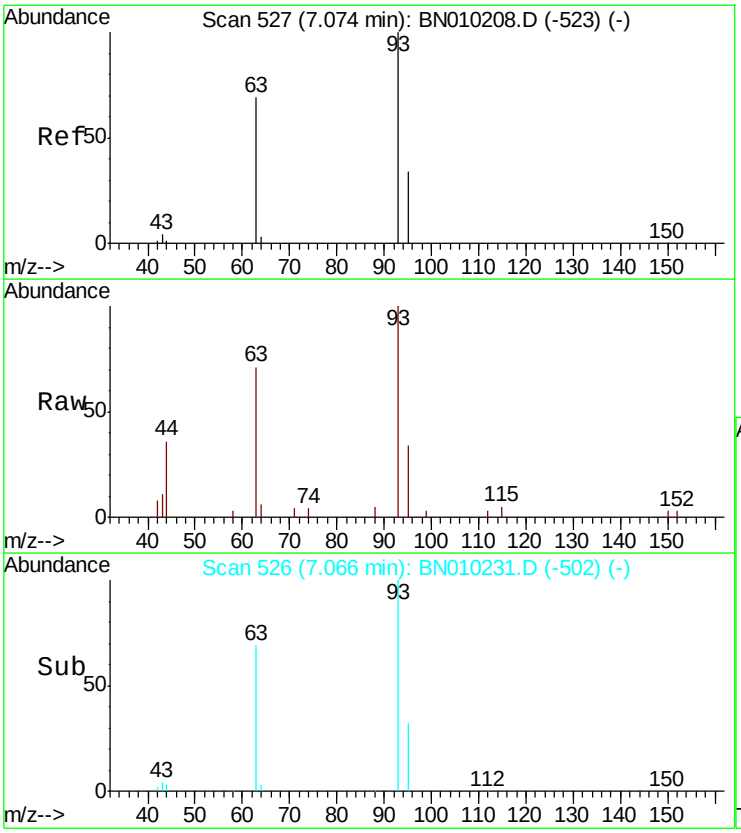
#5
Phenol-d6
Concen: 0.326 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3037

Ion	Ratio	Lower	Upper
99	100		
42	21.6	12.0	18.0#
71	36.6	22.6	33.8#

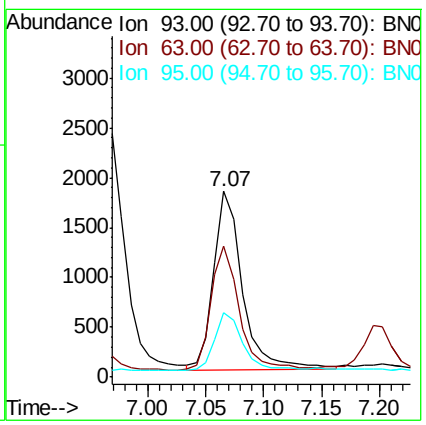


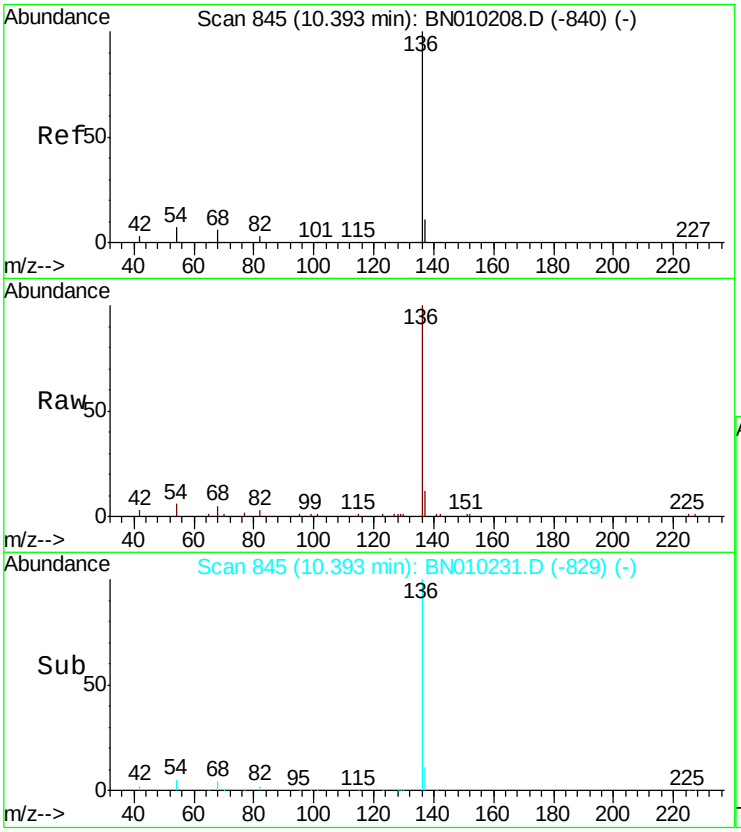


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.07 min Scan# 526
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion: 93 Resp: 3097

Ion	Ratio	Lower	Upper
93	100		
63	68.3	53.4	80.0
95	32.6	28.6	42.8



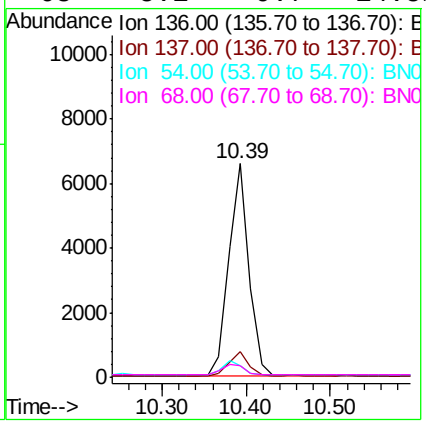


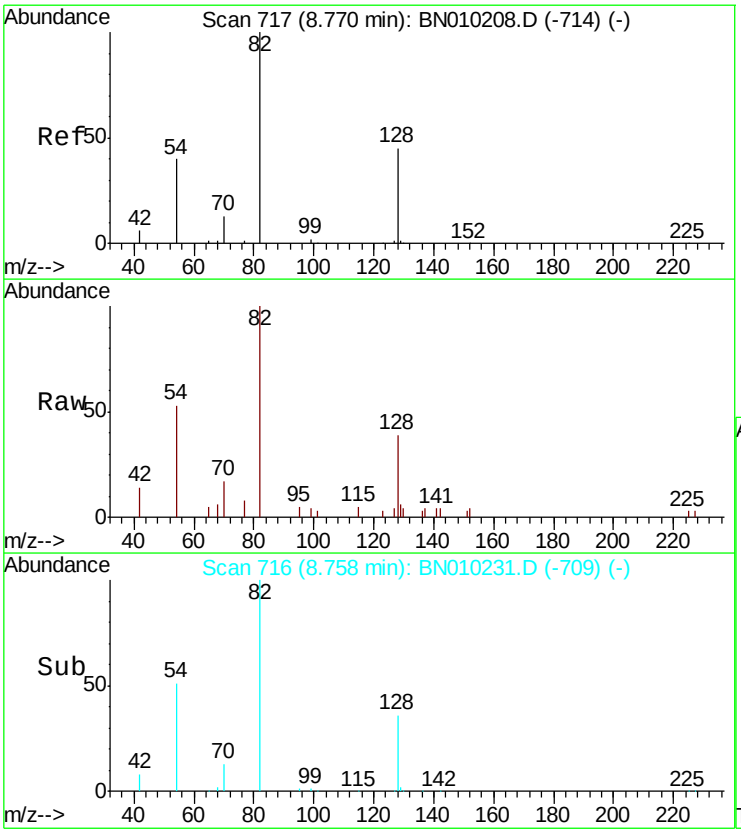
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 10908

Ion	Ratio	Lower	Upper
136	100		
137	11.8	10.6	15.8
54	5.7	9.5	14.3#
68	5.1	9.7	14.5#

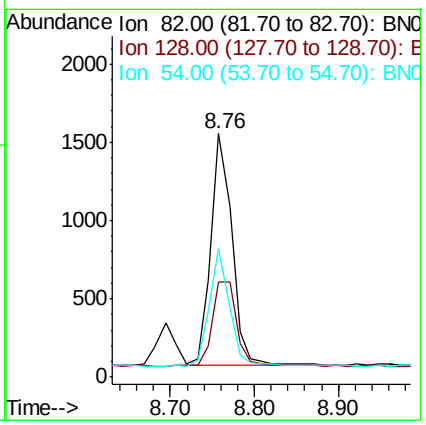


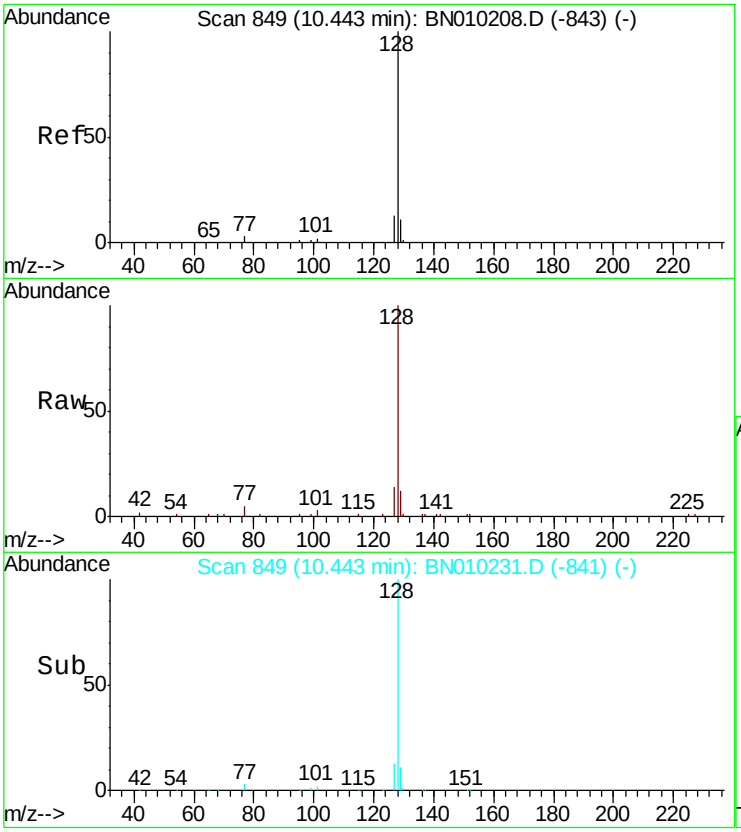


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion: 82 Resp: 2575

Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.0	52.6
54	52.6	37.0	55.4



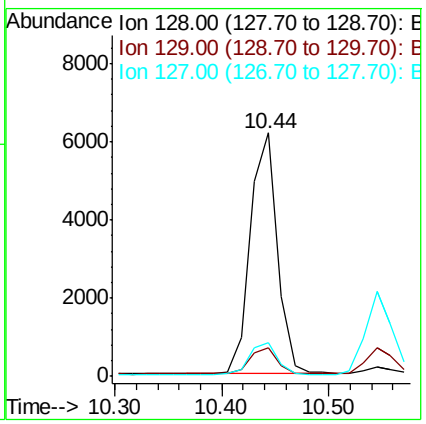


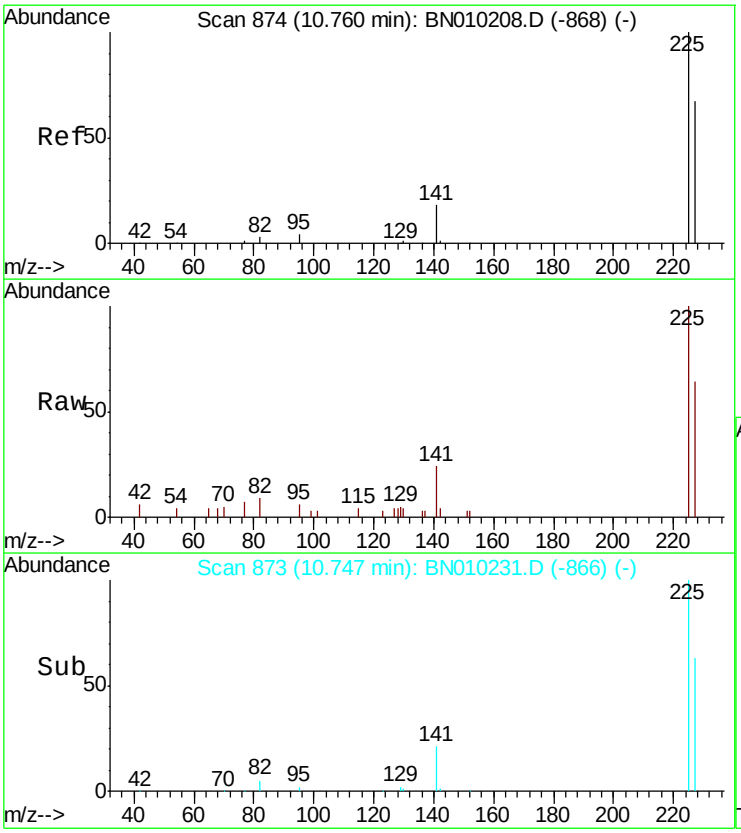
#9
Naphthalene
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 10937

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.5	15.7
127	13.8	12.1	18.1

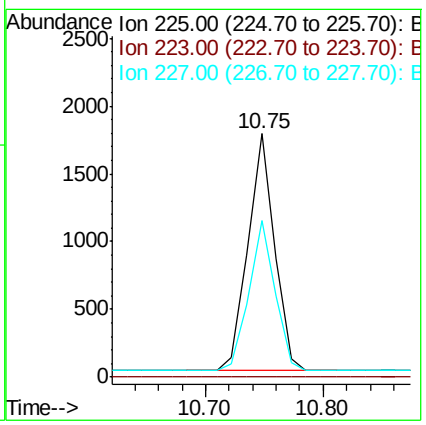


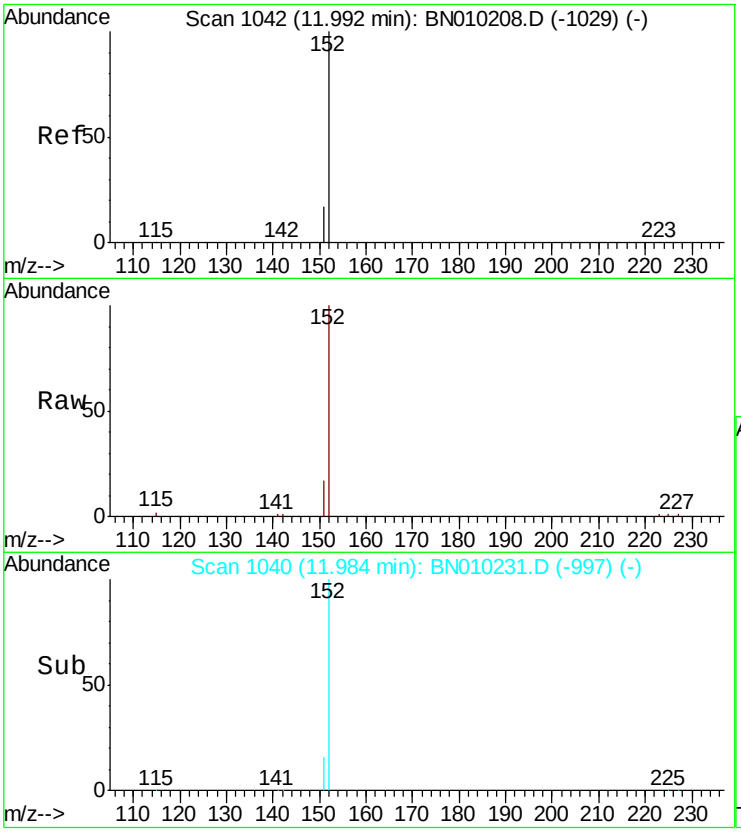


#10
Hexachlorobutadiene
Concen: 0.438 ng
RT: 10.75 min Scan# 873
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:225 Resp: 2756

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.2	53.4	80.2



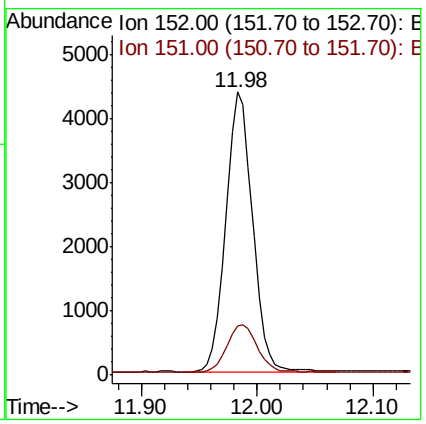


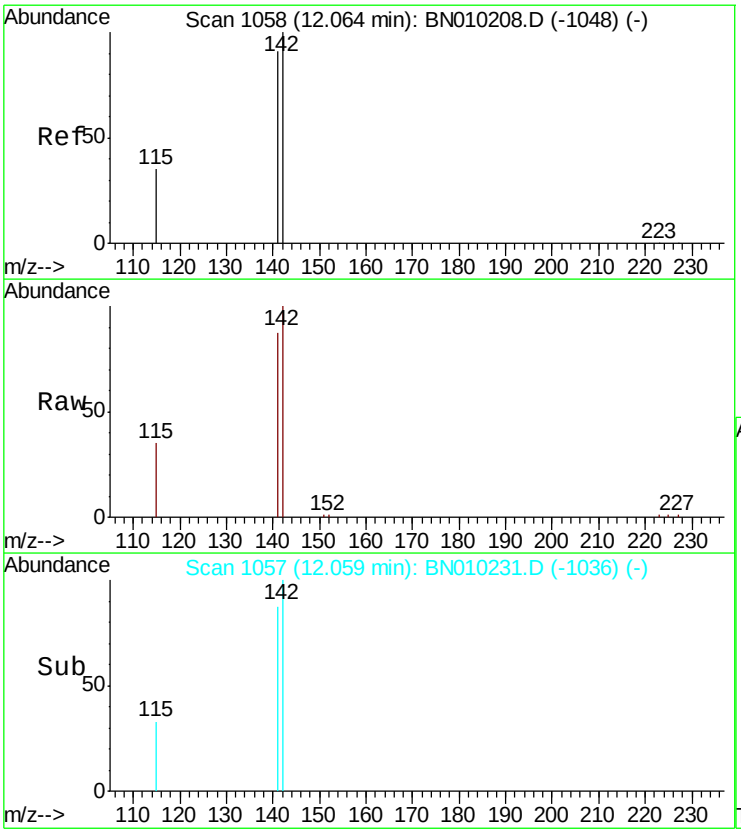
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6848

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.6

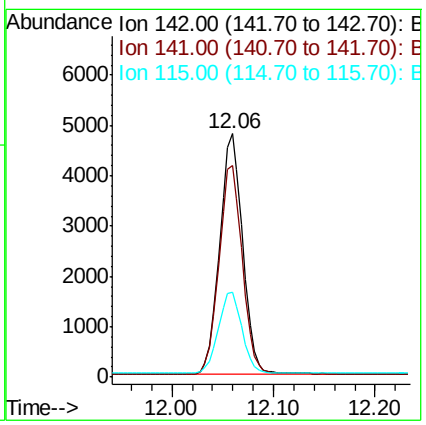


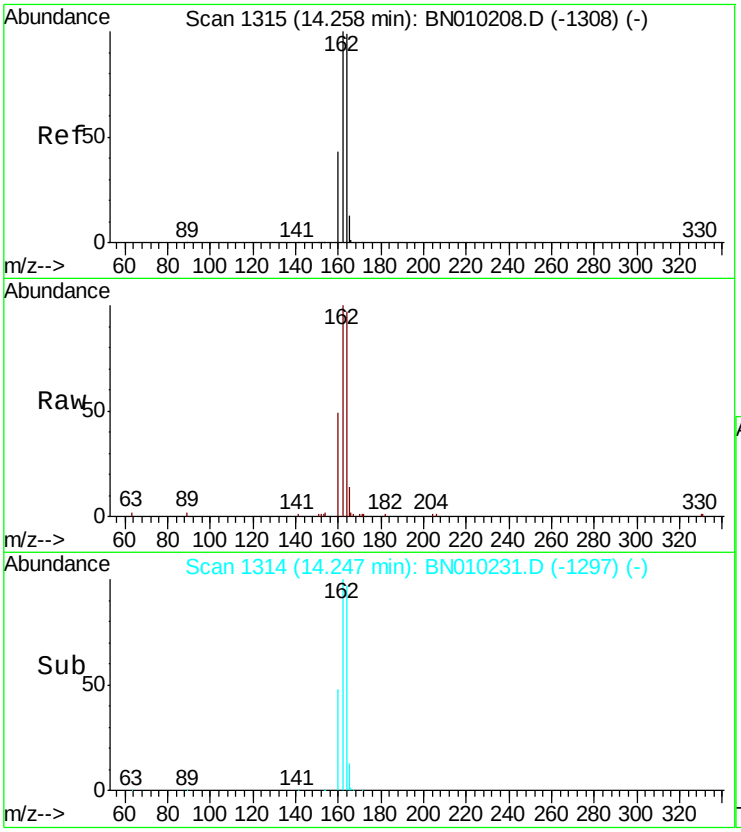


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.06 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:142 Resp: 7513

Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.7	110.5
115	34.8	31.2	46.8



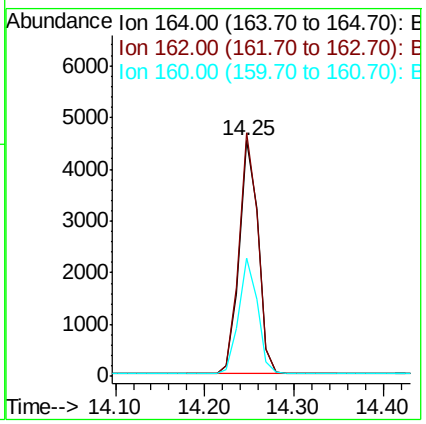


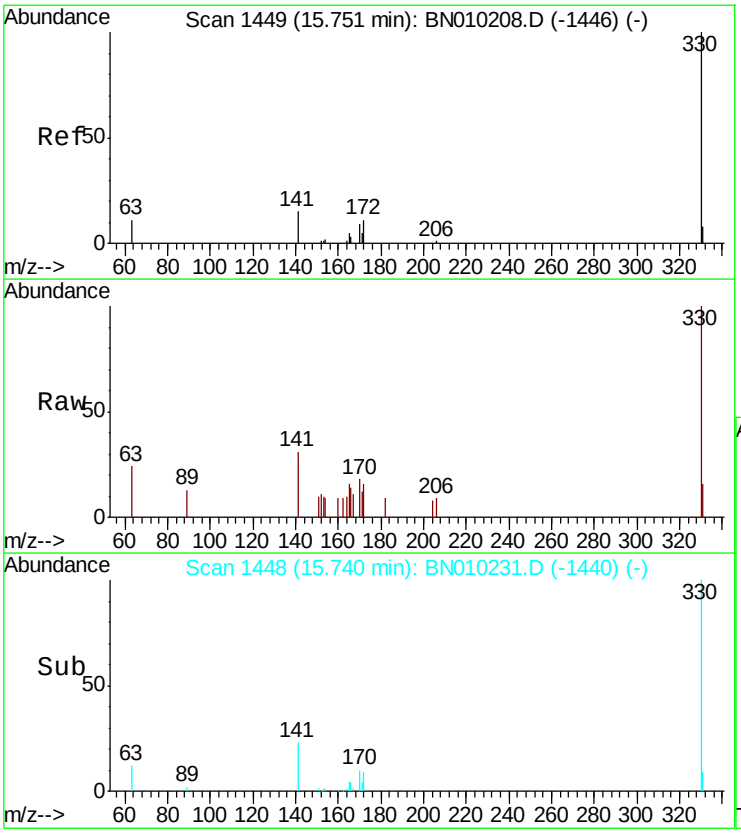
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6664

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.0	121.4
160	50.1	35.6	53.4

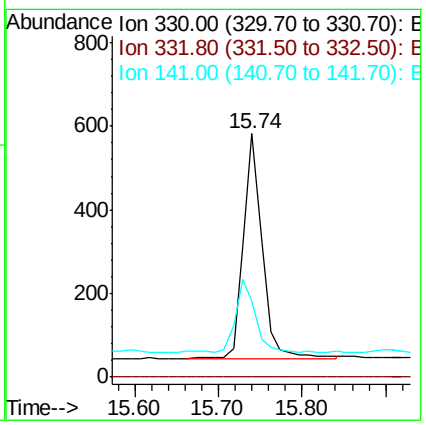


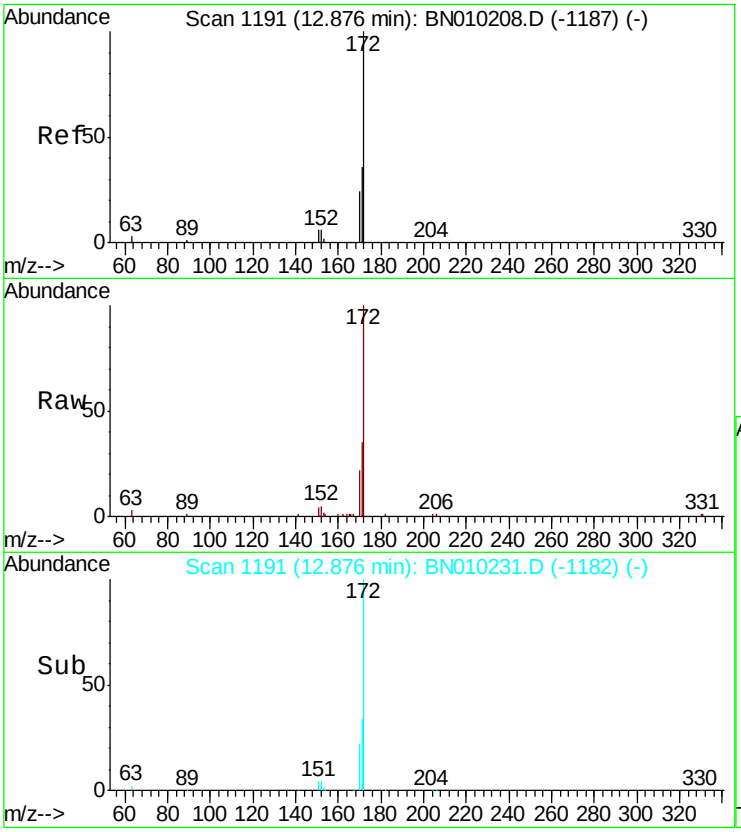


#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.74 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:330 Resp: 829

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	25.1	37.7



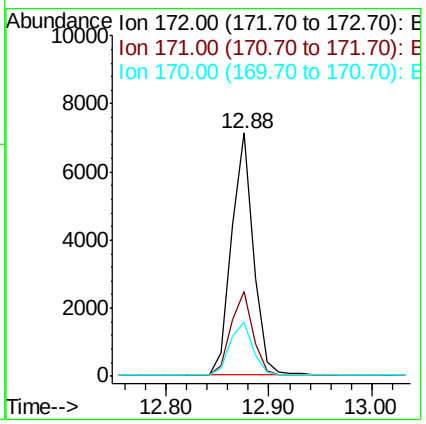


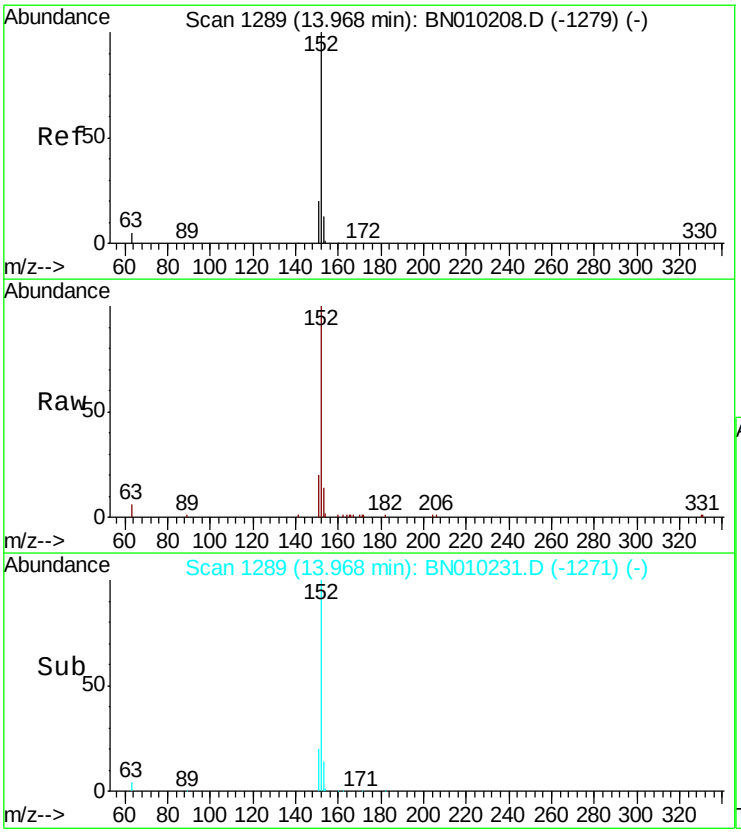
#15
2-Fluorobiphenyl
Concen: 0.438 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 10391

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.4	44.2
170	22.2	20.2	30.4

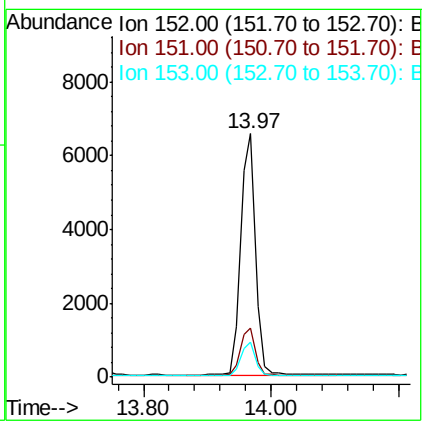


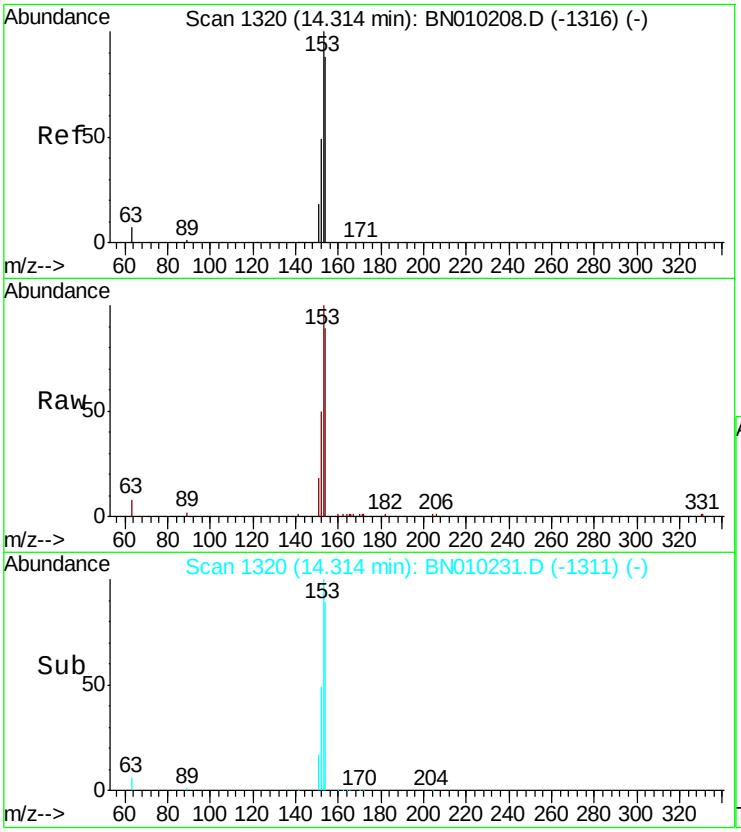


#16
Acenaphthylene
Concen: 0.346 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:152 Resp: 10651

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.4	10.6	16.0



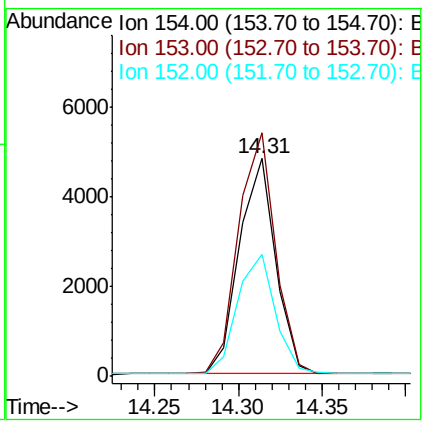


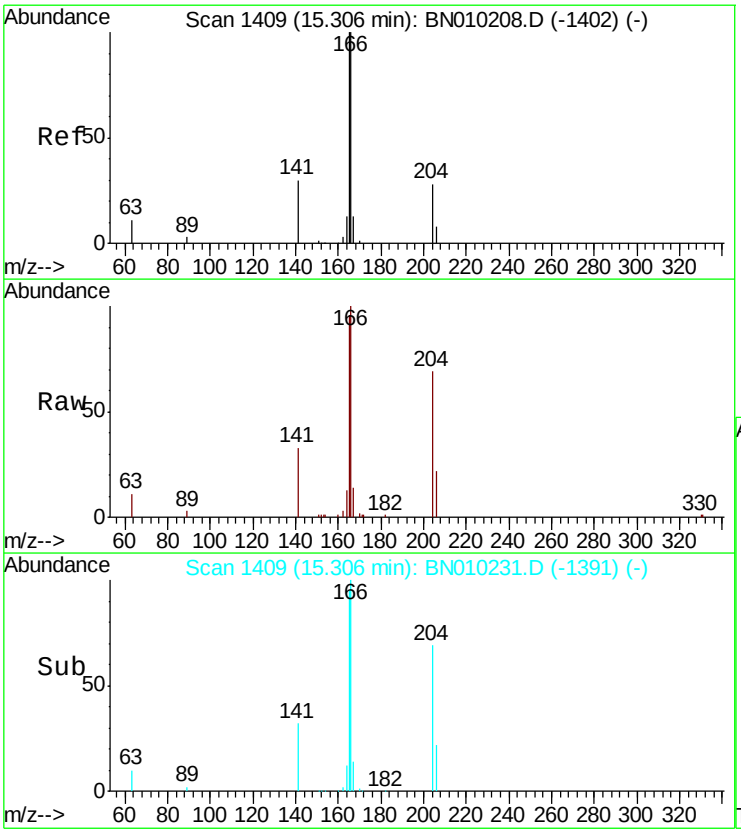
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 7236

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.3	135.5
152	58.4	42.9	64.3

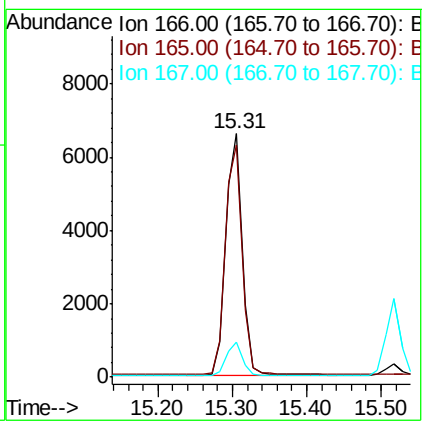


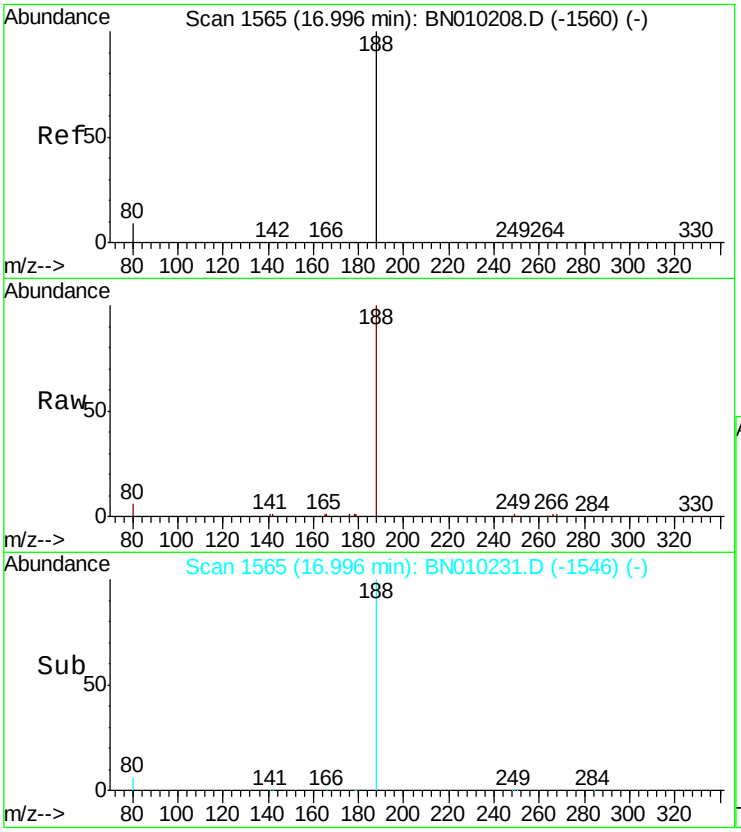


#18
Fluorene
Concen: 0.395 ng
RT: 15.31 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:166 Resp: 10050

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.3	117.5
167	13.5	10.7	16.1



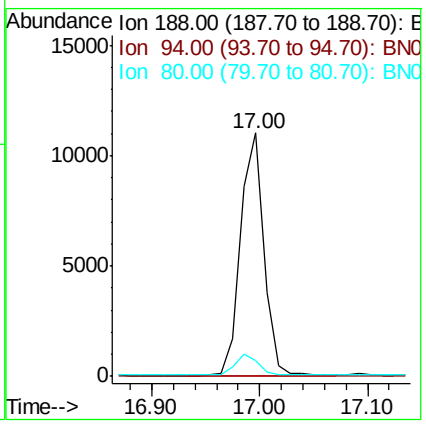


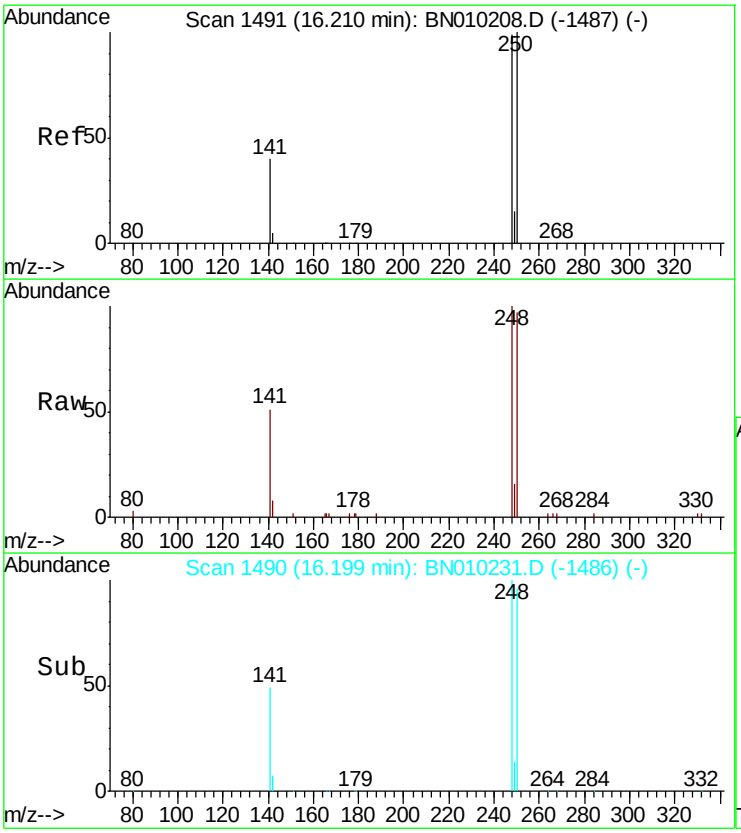
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16395

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	8.6	12.8#

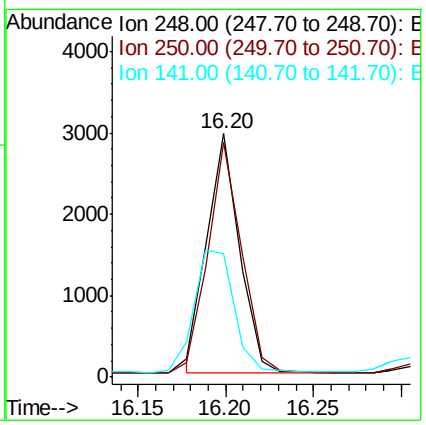


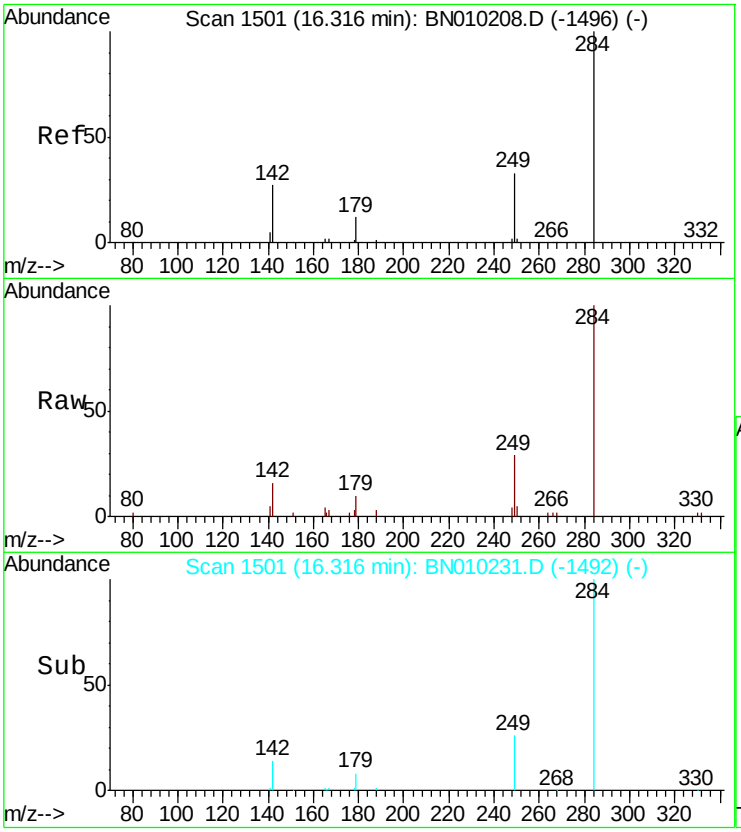


#20
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 16.20 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:248 Resp: 3758

Ion	Ratio	Lower	Upper
248	100		
250	96.6	81.2	121.8
141	50.5	36.7	55.1



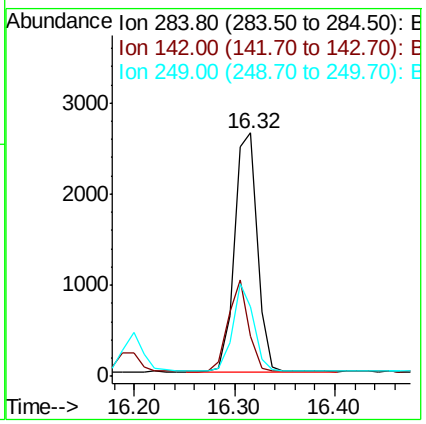


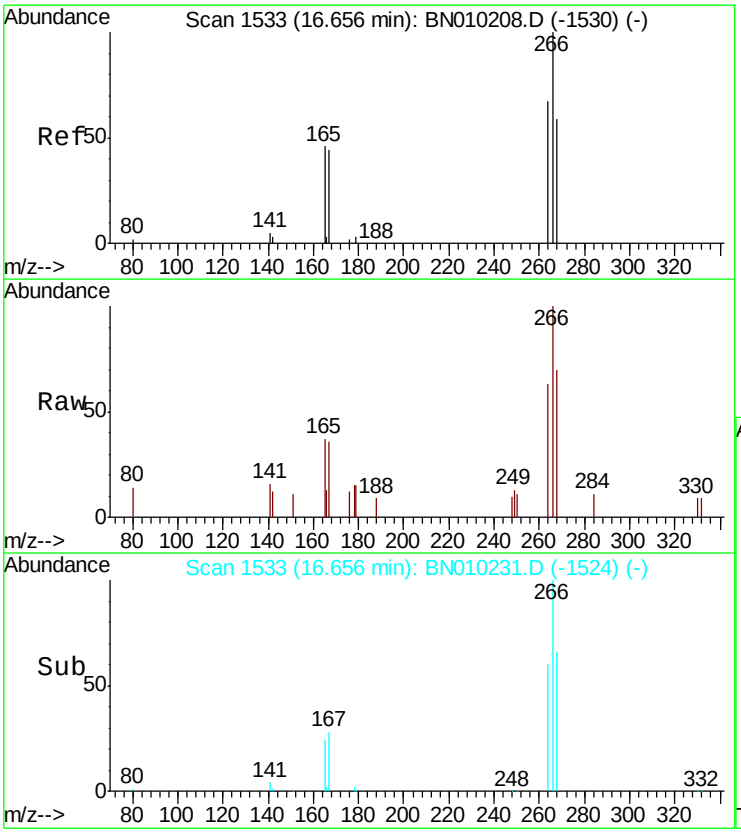
#21
Hexachlorobenzene
Concen: 0.449 ng
RT: 16.32 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4126

Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.8	41.6
249	33.4	26.6	39.8

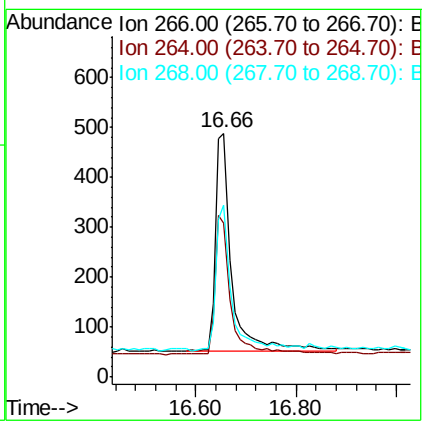


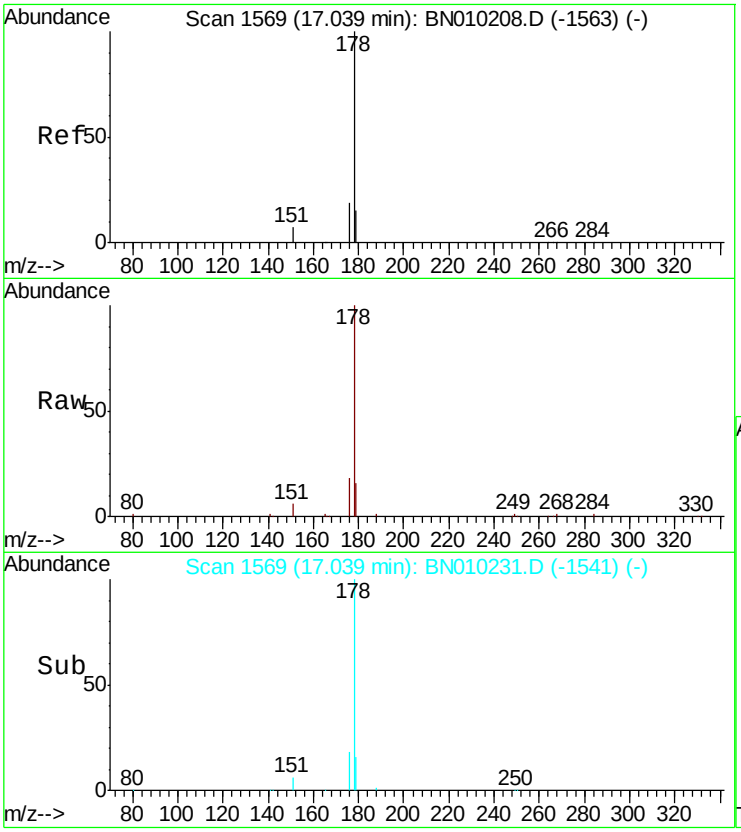


#22
Pentachlorophenol
Concen: 0.331 ng
RT: 16.66 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:266 Resp: 939

Ion	Ratio	Lower	Upper
266	100		
264	63.1	56.2	84.2
268	70.5	61.4	92.2



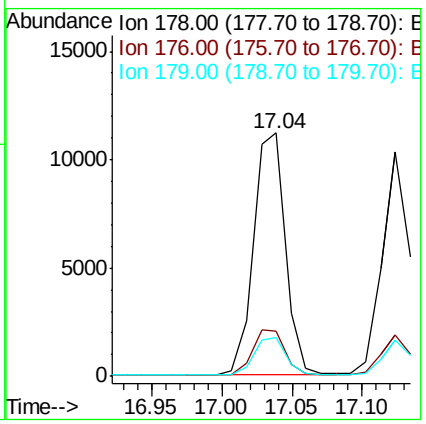


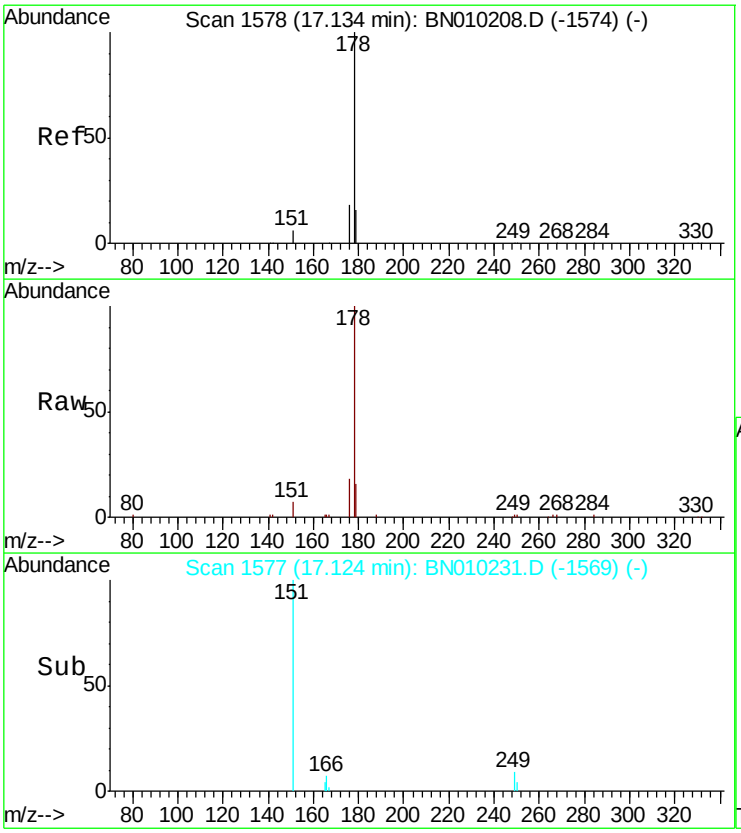
#23
Phenanthrene
Concen: 0.408 ng
RT: 17.04 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 17733

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.7	12.5	18.7

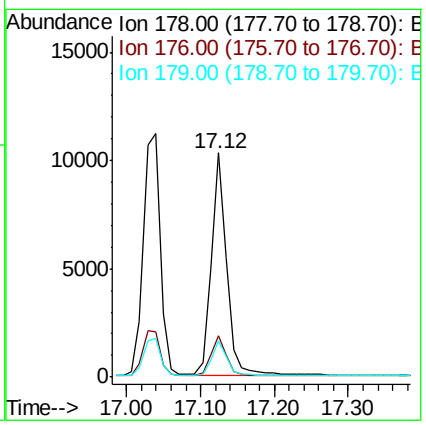


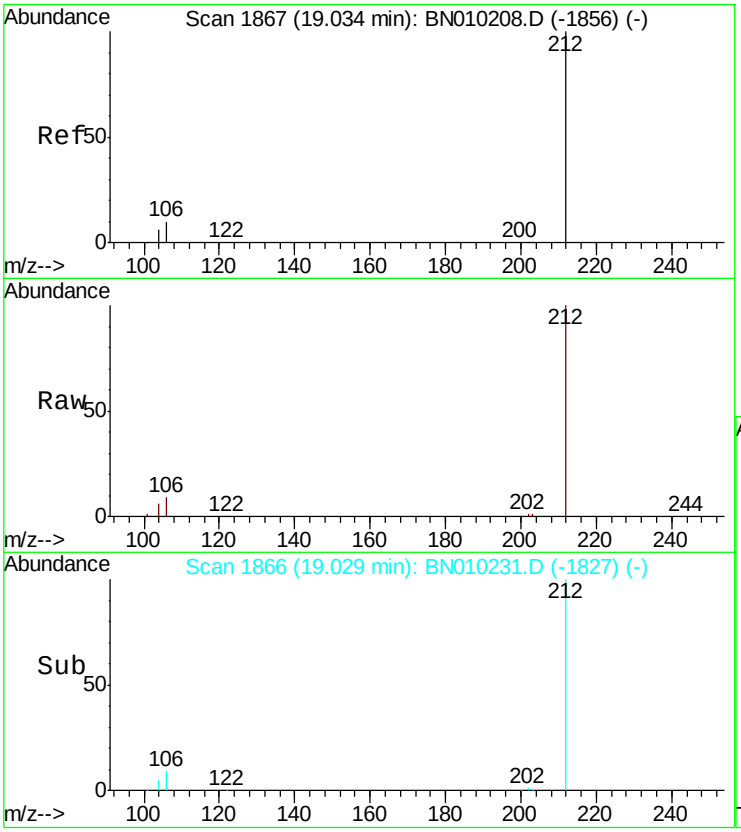


#24
Anthracene
Concen: 0.343 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:178 Resp: 14874

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.5	12.5	18.7



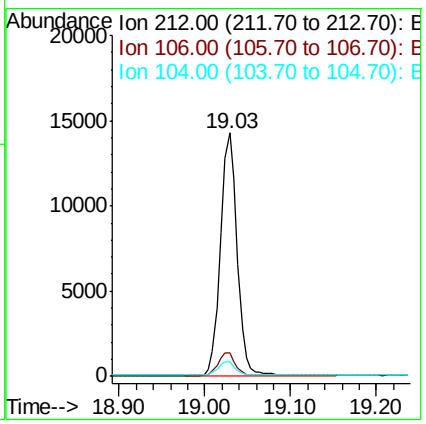


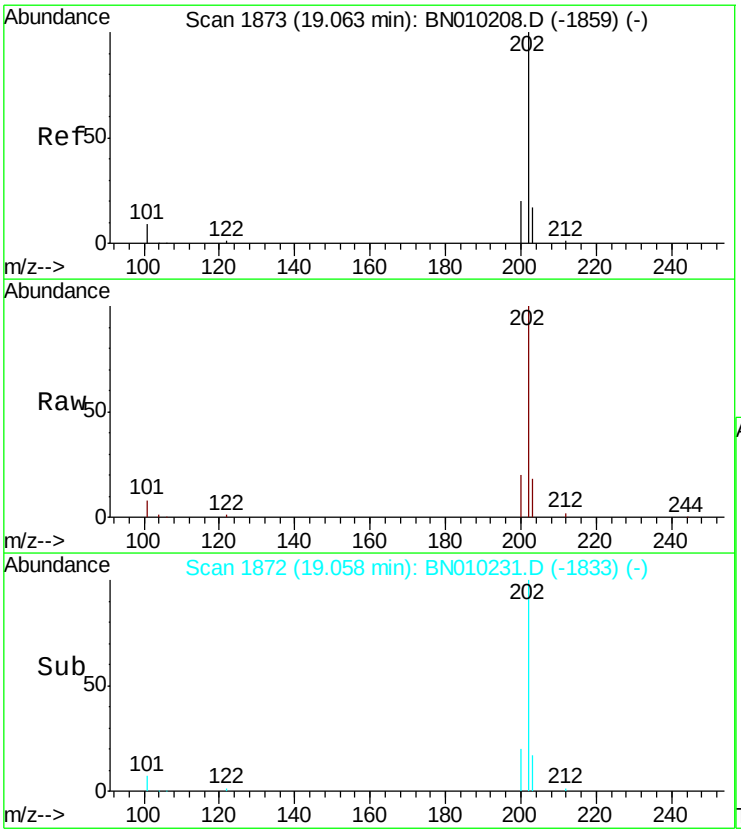
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.03 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 19209

Ion	Ratio	Lower	Upper
212	100		
106	9.4	8.1	12.1
104	5.5	4.7	7.1

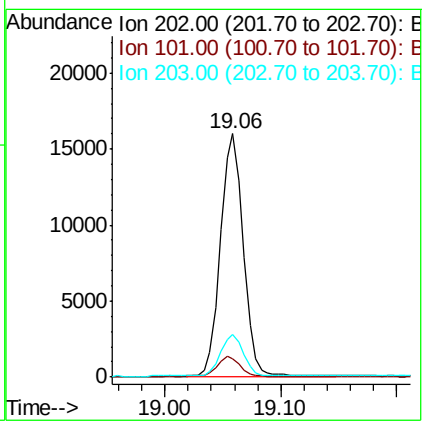


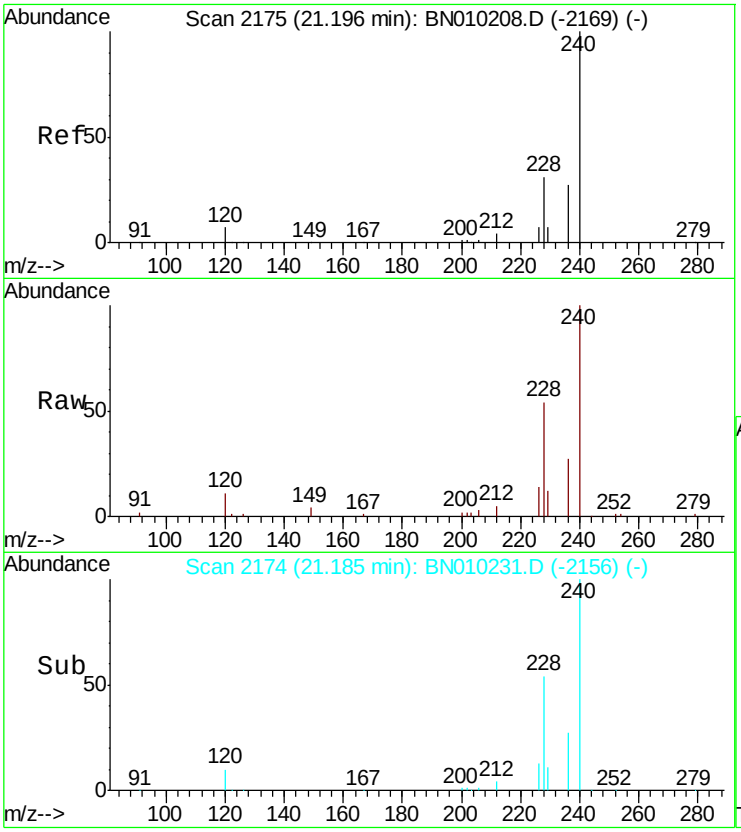


#26
Fluoranthene
Concen: 0.394 ng
RT: 19.06 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:202 Resp: 21716

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.6
203	17.1	13.9	20.9



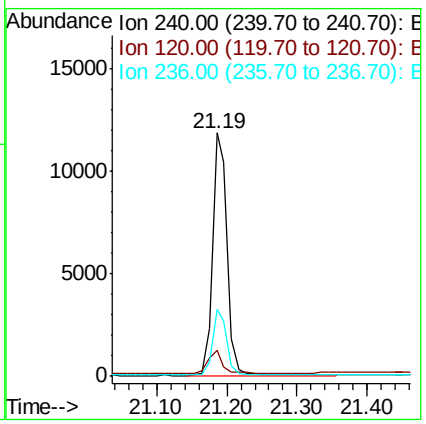


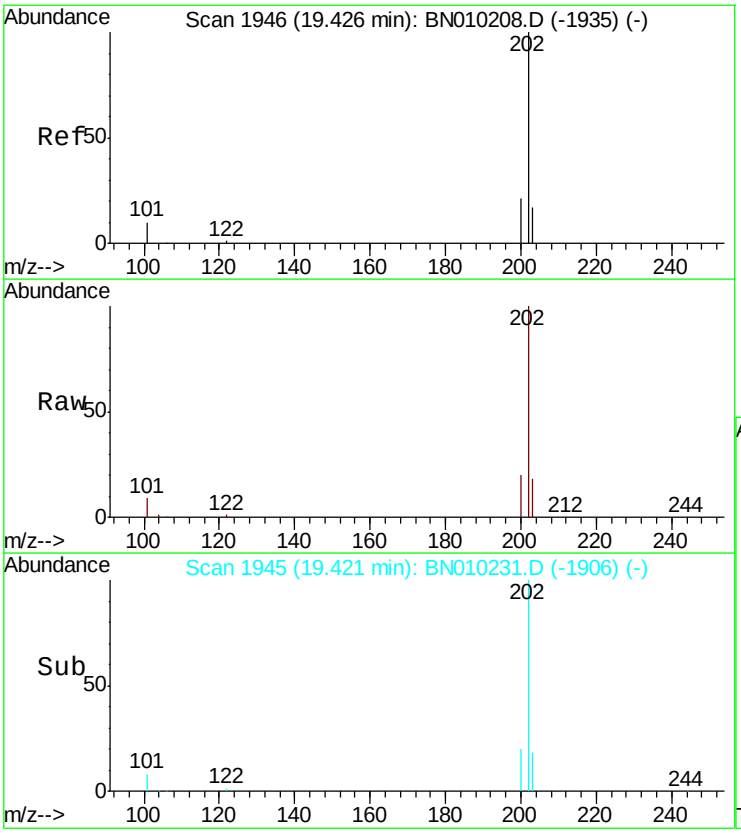
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 17239

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.7	11.5
236	27.3	21.8	32.6

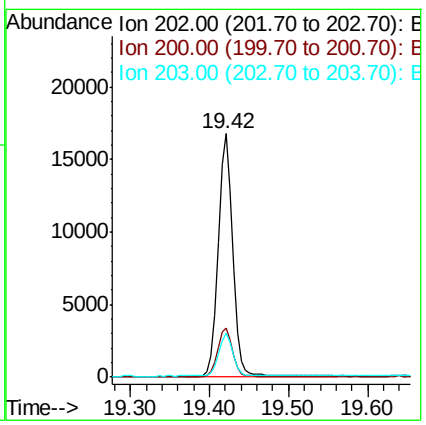


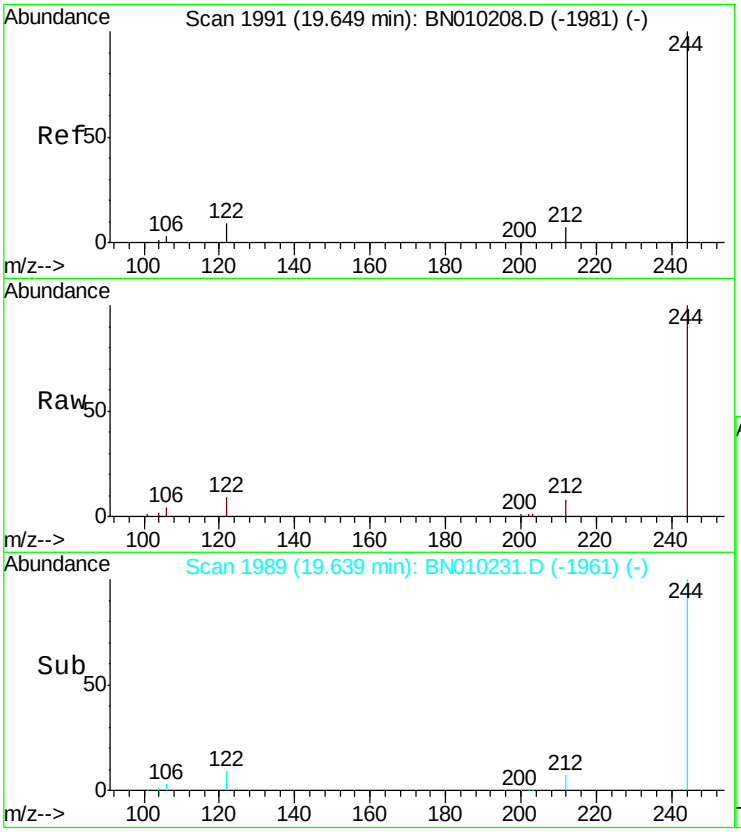


#28
Pyrene
Concen: 0.377 ng
RT: 19.42 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:202 Resp: 21700

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.4	14.1	21.1



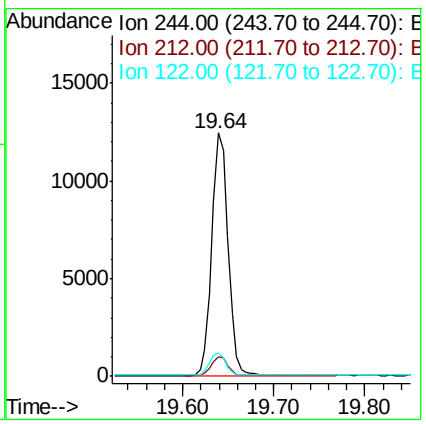


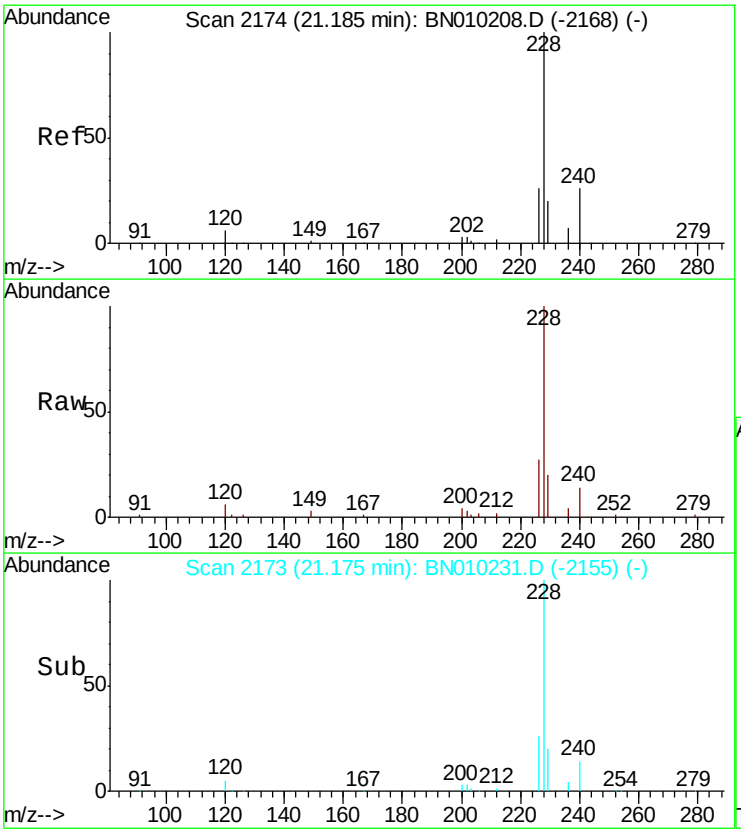
#29
Terphenyl-d14
Concen: 0.386 ng
RT: 19.64 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 15170

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	9.4	8.1	12.1

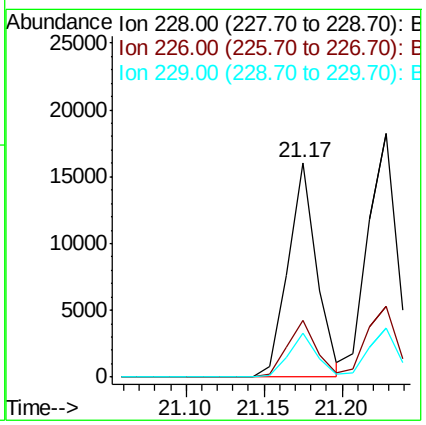


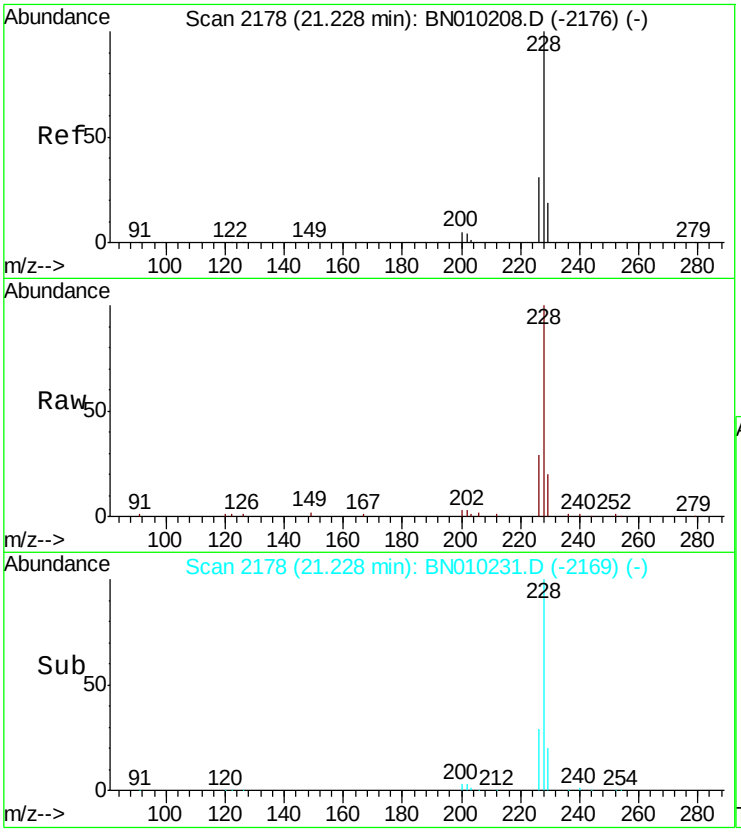


#30
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:228 Resp: 20216

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.1	31.7
229	20.2	16.2	24.4



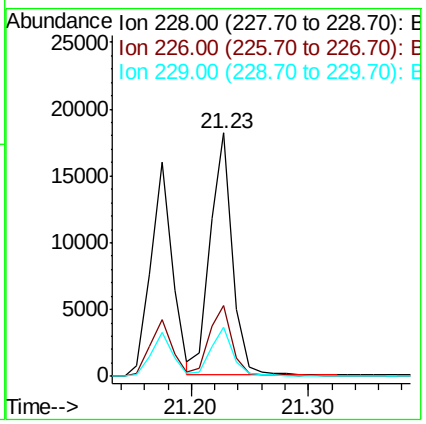


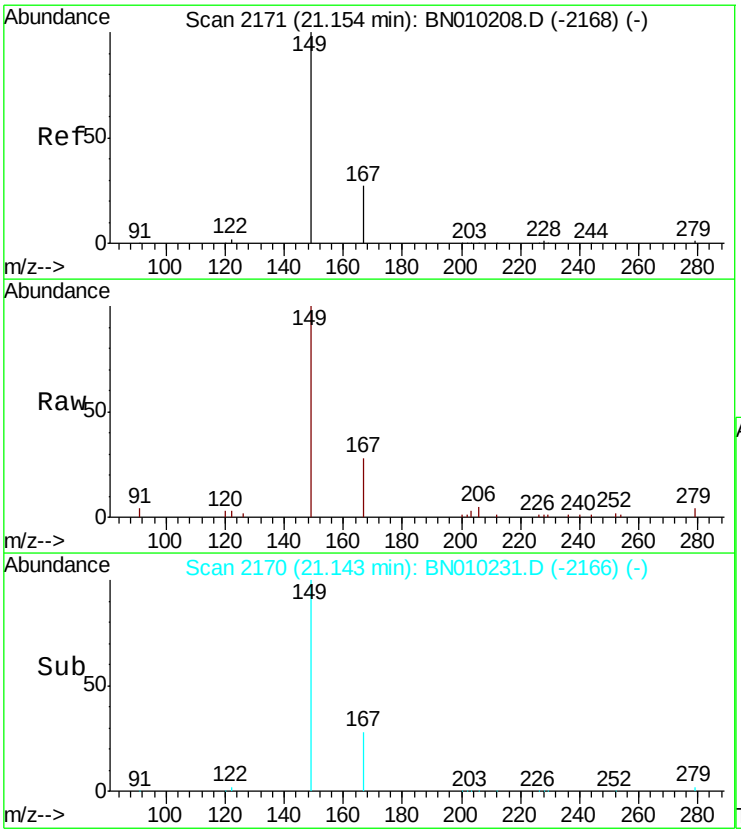
#31
Chrysene
Concen: 0.415 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 23954

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.4
229	20.0	15.7	23.5

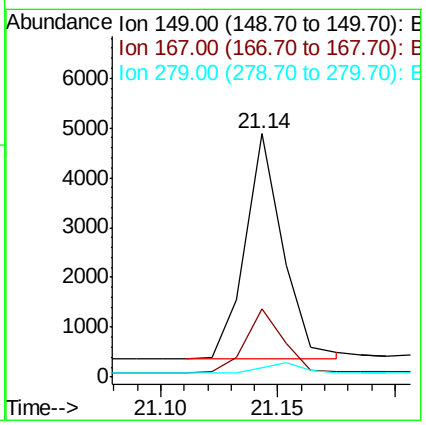


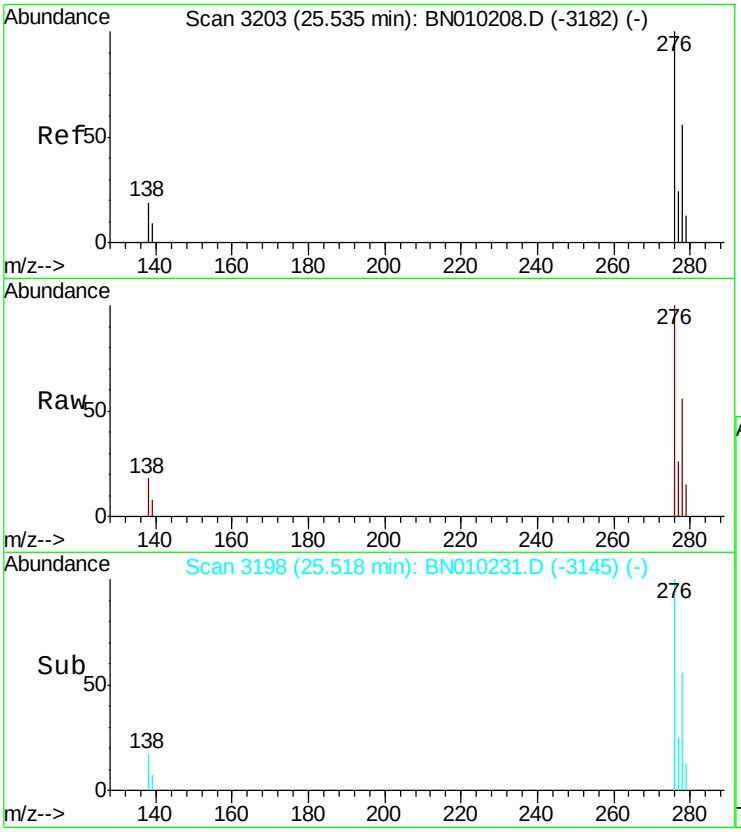


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.201 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:149 Resp: 5029

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.0	31.4
279	4.5	3.1	4.7



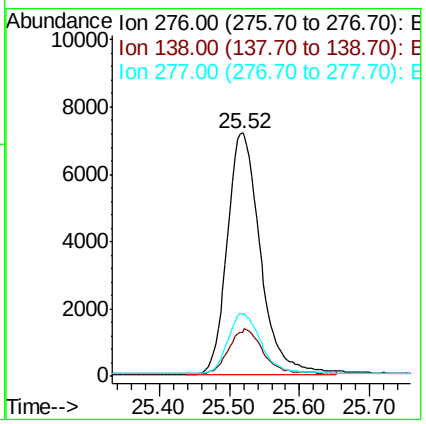


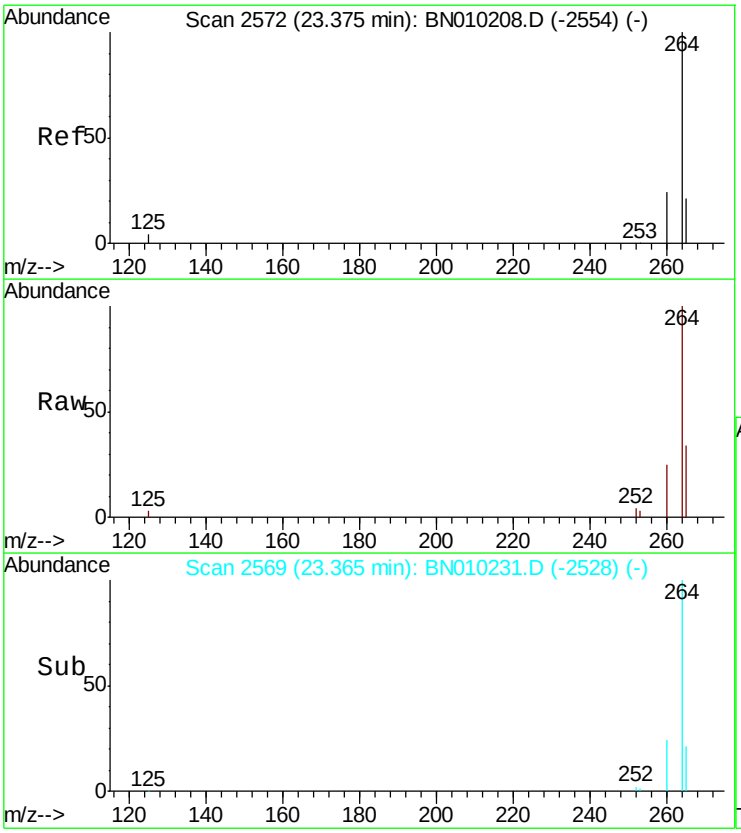
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.02 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 23570

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.8	23.6
277	25.1	19.3	28.9

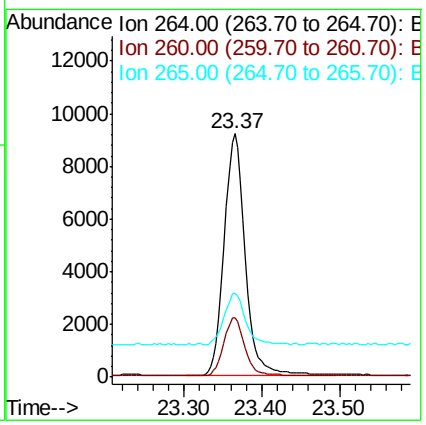


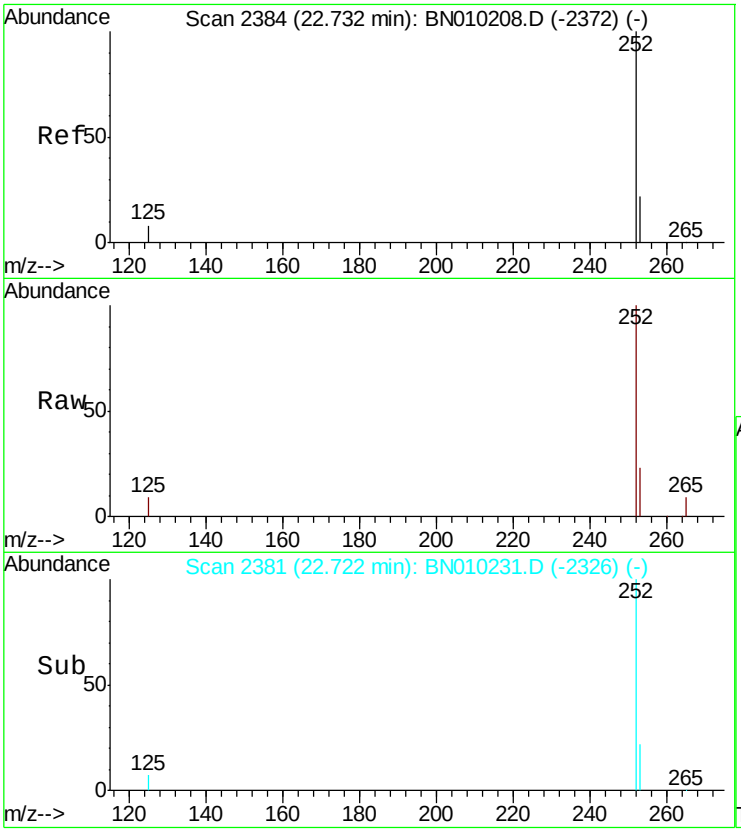


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:264 Resp: 17251

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	34.5	25.8	38.6



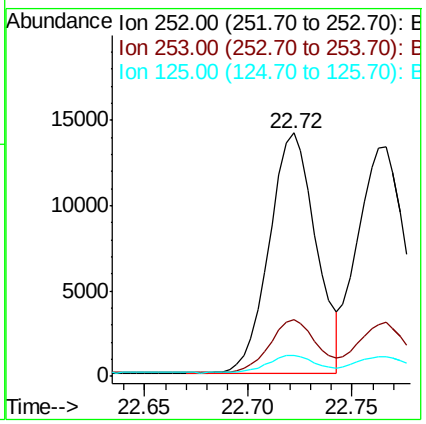


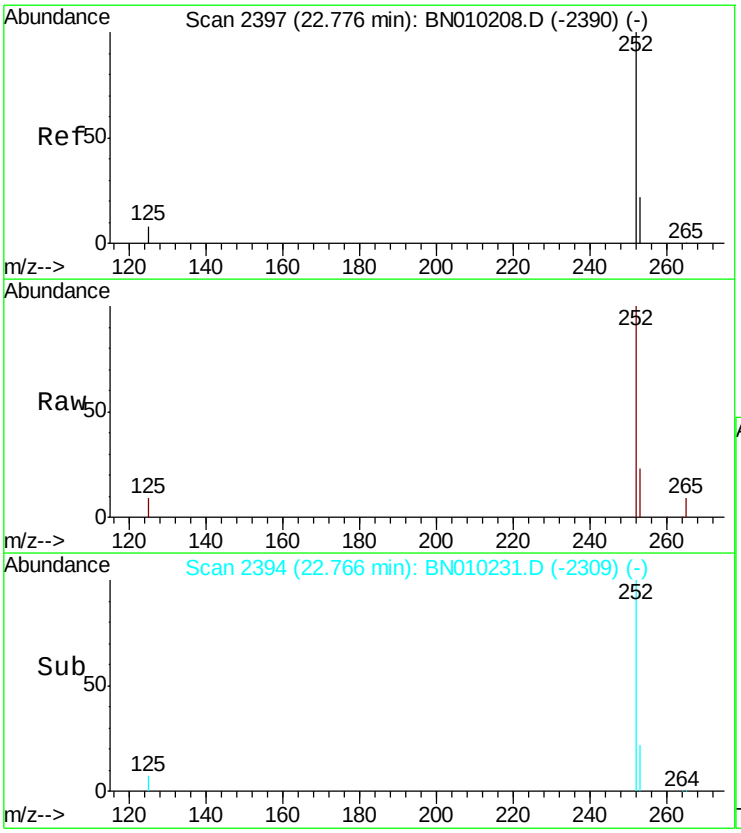
#35
Benzo(b)fluoranthene
Concen: 0.414 ng
RT: 22.72 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21940

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	8.7	7.9	11.9

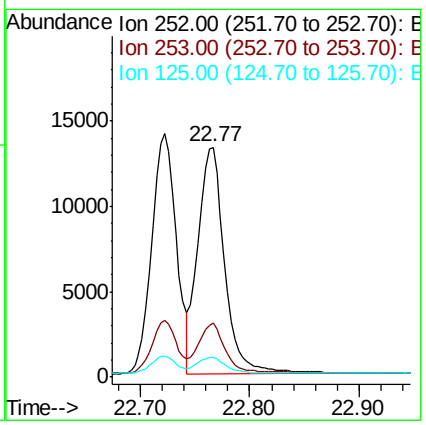


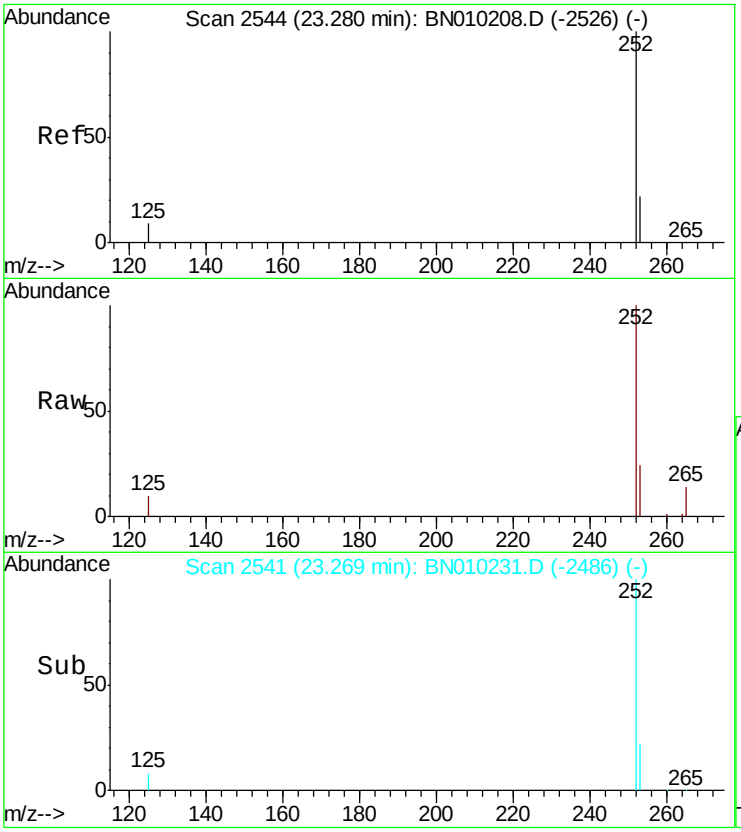


#36
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 22.77 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:252 Resp: 22628

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.8	28.2
125	8.8	8.2	12.4



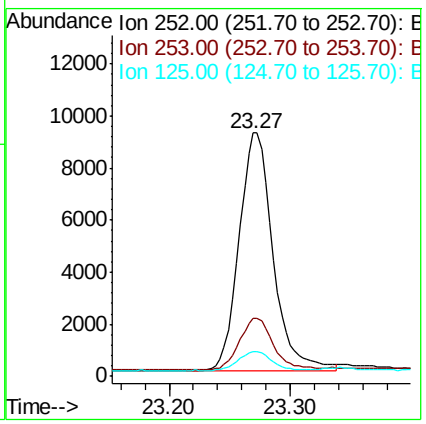


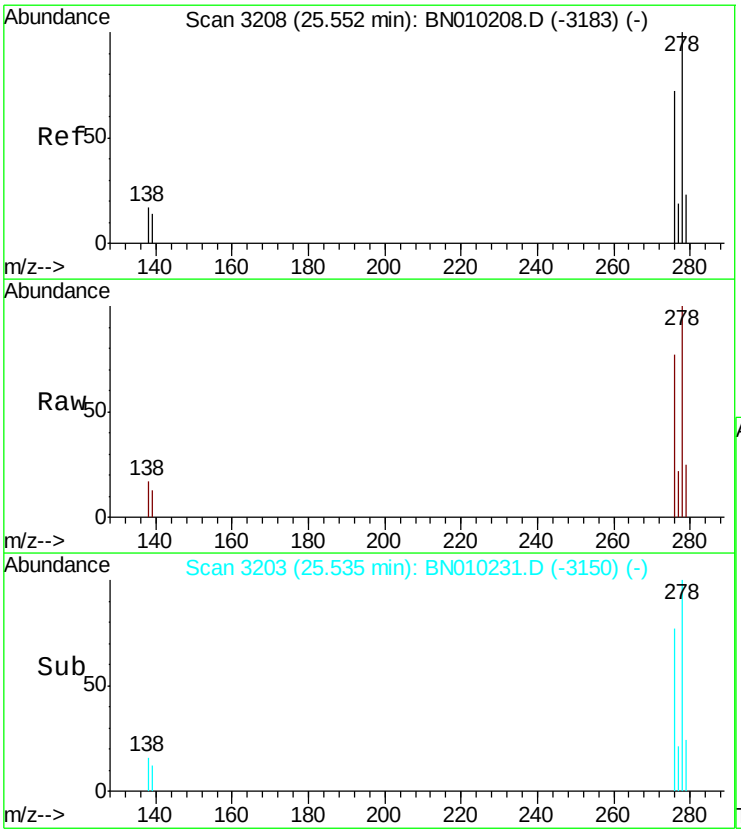
#37
Benzo(a)pyrene
Concen: 0.359 ng
RT: 23.27 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 17984

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	10.1	9.2	13.8

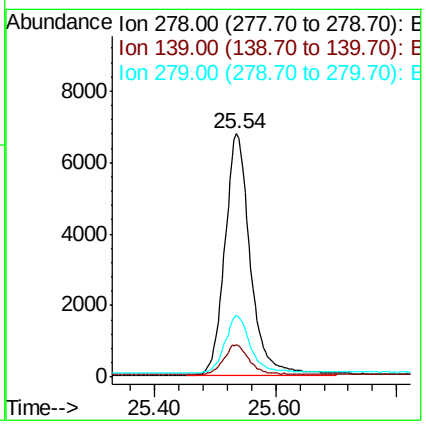


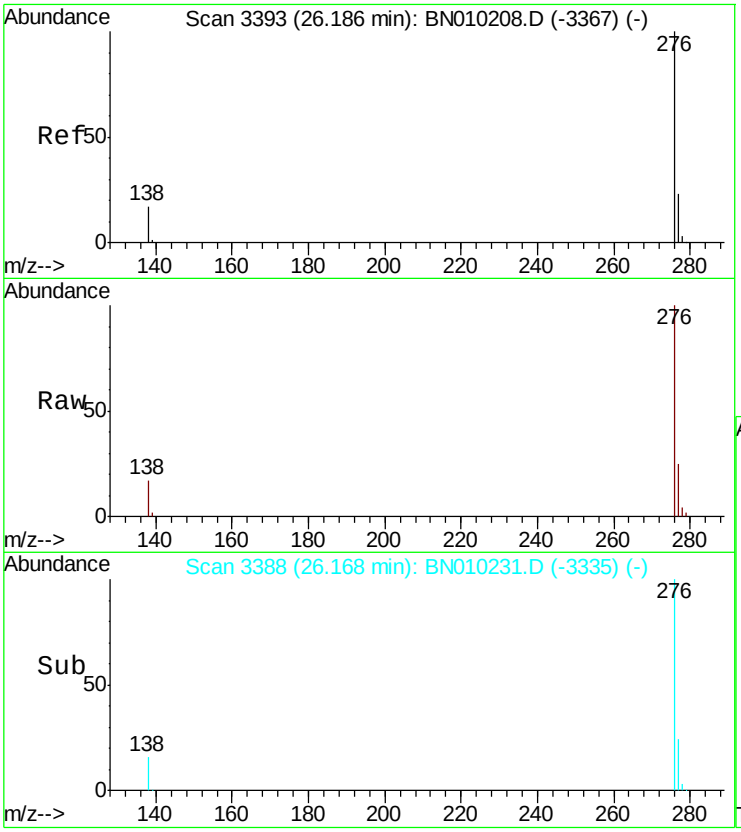


#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 25.54 min Scan# 3203
Delta R.T. -0.02 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Tgt Ion:278 Resp: 19749

Ion	Ratio	Lower	Upper
278	100		
139	13.2	12.4	18.6
279	25.3	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 26.17 min Scan# 3388
Delta R.T. -0.02 min
Lab File: BN010231.D
Acq: 17 Mar 2020 09:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 20421

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.2
138	17.0	15.4	23.2