Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
Data File : BN010037.D
Acq On : 02 Mar 2020 13:03
Operator : CG/JU
Sample : PB127062BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127062BS

Quant Time: Mar 02 15:45:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 15:27:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	863	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	2960	0.40	ng		0.00
13) Acenaphthene-d10	14.02	164	1992	0.40	ng		0.00
19) Phenanthrene-d10	16.78	188	4667	0.40	ng		0.00
27) Chrysene-d12	21.01	240	4233	0.40	ng		0.00
34) Perylene-d12	23.11	264	4537	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	829	0.43	ng		0.00
5) Phenol-d6	6.62	99	942	0.40	ng		0.00
8) Nitrobenzene-d5	8.57	82	951	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	2265	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.56	330	321	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	2855	0.38	ng		-0.01
25) Fluoranthene-d10	18.83	212	6266	0.39	ng		0.00
29) Terphenyl-d14	19.44	244	4020	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	357	0.404	ng		87
3) n-Nitrosodimethylamine	3.41	42	602	0.415	ng	#	93
6) bis(2-Chloroethyl)ether	6.85	93	962	0.424	ng		95
9) Naphthalene	10.18	128	3148	0.390	ng		99
10) Hexachlorobutadiene	10.46	225	700	0.394	ng	#	100
12) 2-Methylnaphthalene	11.82	142	2186	0.395	ng		98
16) Acenaphthylene	13.74	152	3267	0.385	ng		100
17) Acenaphthene	14.09	154	2317	0.388	ng		99
18) Fluorene	15.09	166	3127	0.397	ng		100
21) Hexachlorobenzene	16.10	284	1117	0.384	ng		98
22) Pentachlorophenol	16.48	266	233	0.418	ng		95
23) Phenanthrene	16.82	178	5232	0.377	ng		99
24) Anthracene	16.93	178	4465	0.380	ng		98
26) Fluoranthene	18.86	202	6493	0.390	ng		100
28) Pyrene	19.23	202	6683	0.416	ng		99
30) Benzo(a)anthracene	21.00	228	5029	0.358	ng		99
31) Chrysene	21.05	228	6340	0.390	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	4177	0.609	ng		99
33) Indeno(1,2,3-cd)pyrene	25.15	276	6626	0.392	ng		99
35) Benzo(b)fluoranthene	22.49	252	5952	0.359	ng		100
36) Benzo(k)fluoranthene	22.54	252	6598	0.365	ng		99
37) Benzo(a)pyrene	23.02	252	5807	0.384	ng		99
38) Dibenzo(a,h)anthracene	25.16	278	5111	0.343	ng		99
39) Benzo(g,h,i)perylene	25.77	276	5781	0.364	ng		100

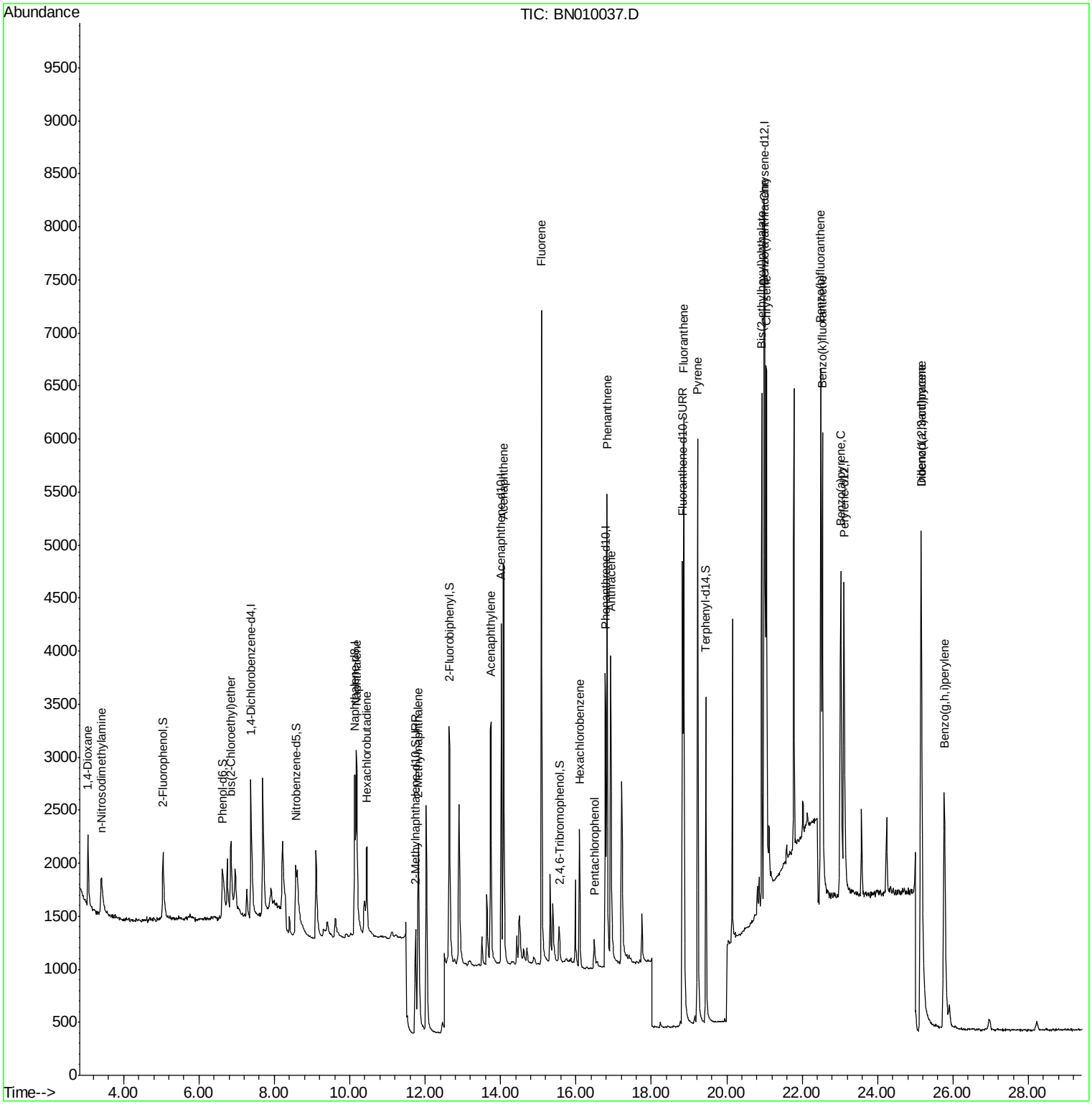
(#) = qualifier out of range (m) = manual integration (+) = signals summed

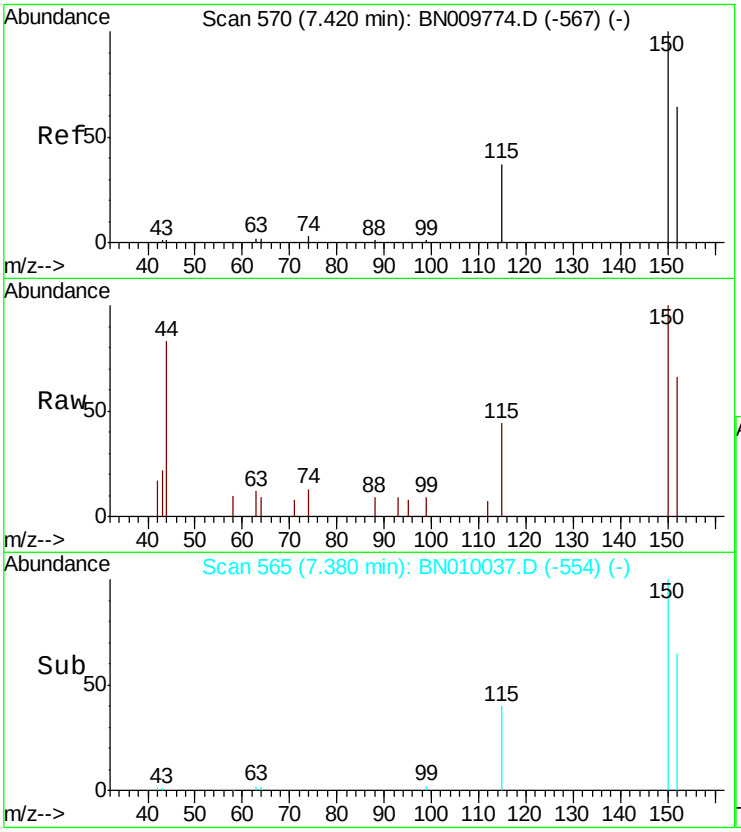
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
Data File : BN010037.D
Acq On : 02 Mar 2020 13:03
Operator : CG/JU
Sample : PB127062BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Quant Time: Mar 02 15:45:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 15:27:13 2020
Response via : Initial Calibration



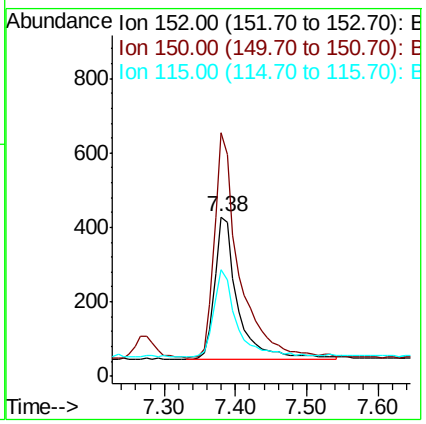


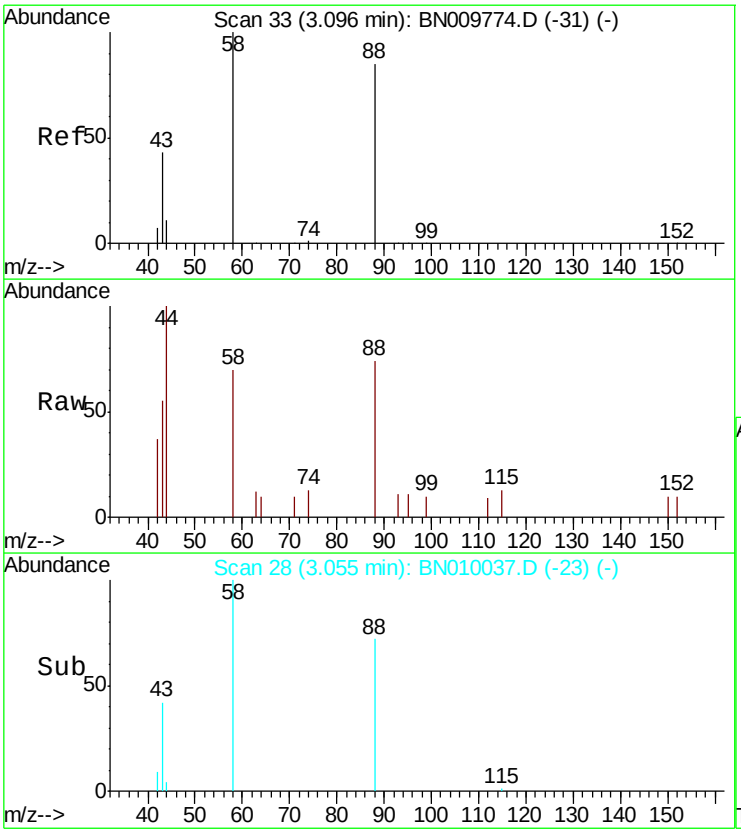
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:152 Resp: 863

Ion	Ratio	Lower	Upper
152	100		
150	152.4	118.6	177.8
115	67.1	51.8	77.6

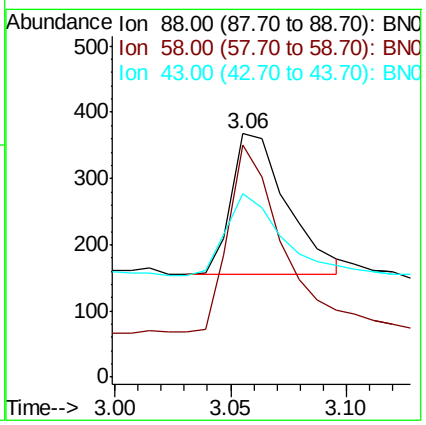


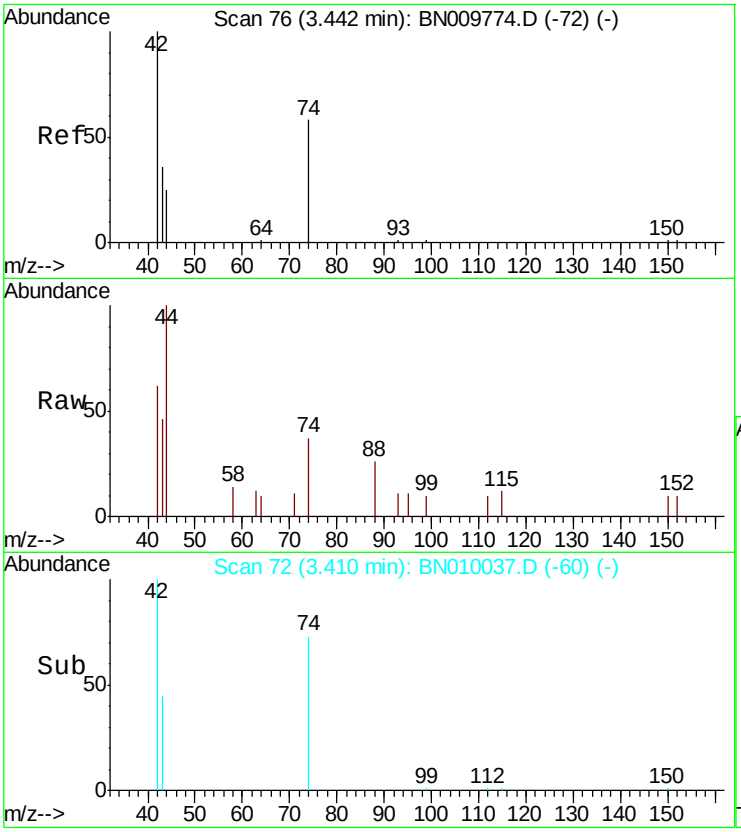


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.06 min Scan# 28
Delta R.T. -0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion: 88 Resp: 357

Ion	Ratio	Lower	Upper
88	100		
58	127.2	86.2	129.4
43	58.0	47.4	71.0



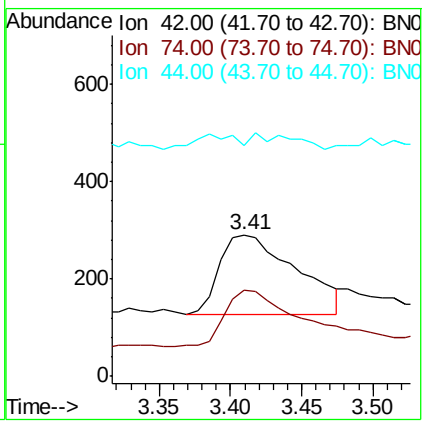


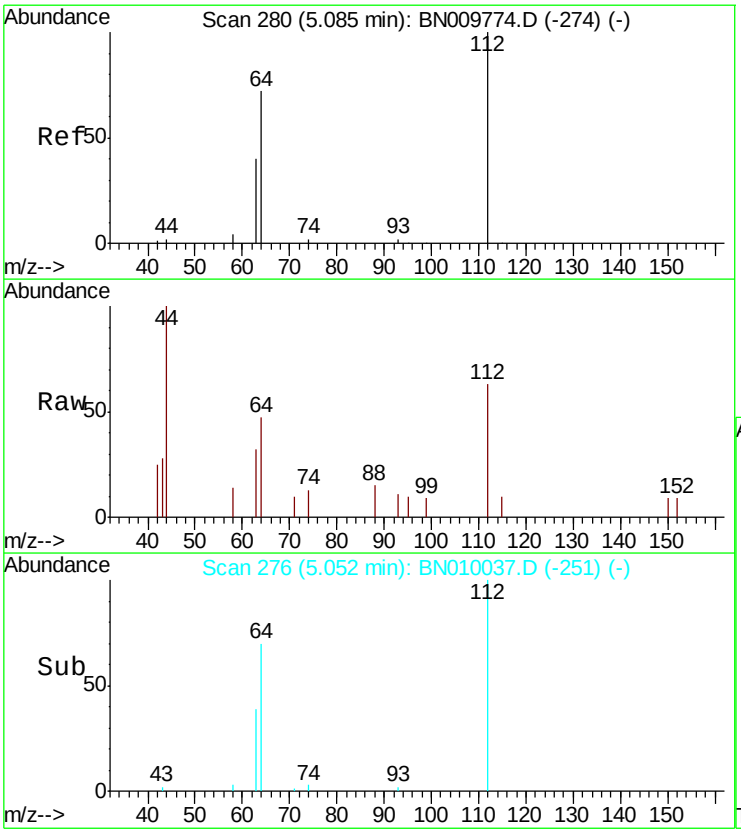
#3
n-Nitrosodimethylamine
Concen: 0.415 ng
RT: 3.41 min Scan# 72
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion: 42 Resp: 602

Ion	Ratio	Lower	Upper
42	100		
74	67.9	58.9	88.3
44	2.8	4.6	7.0#

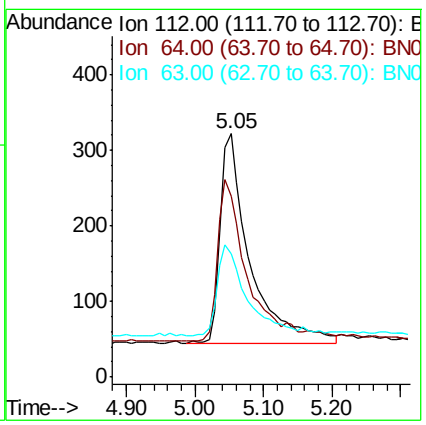


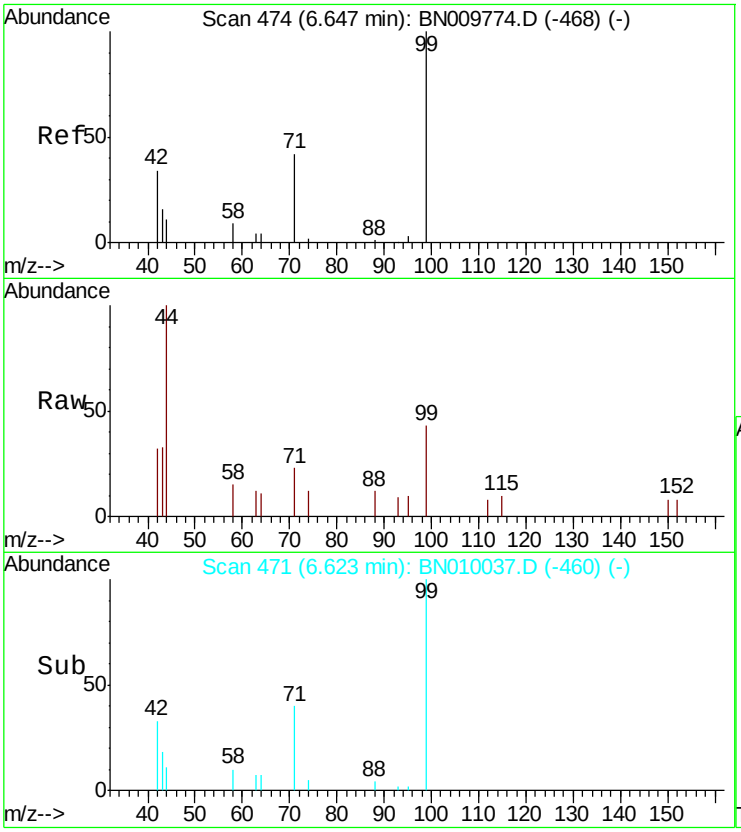


#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.05 min Scan# 276
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:112 Resp: 829

Ion	Ratio	Lower	Upper
112	100		
64	76.0	62.5	93.7
63	44.0	35.4	53.0



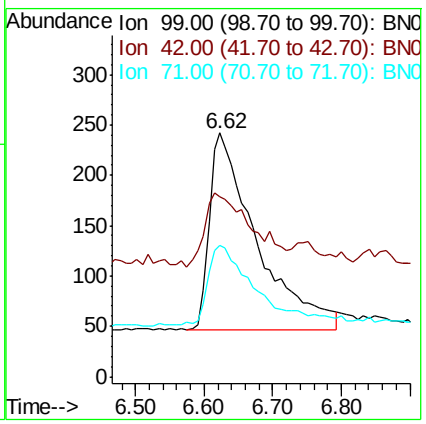


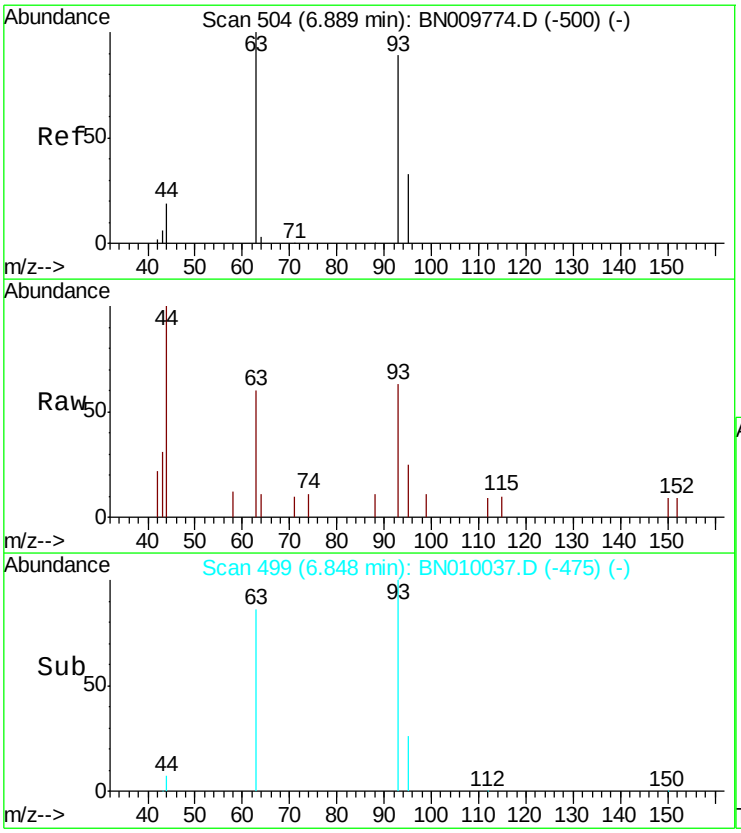
#5
Phenol-d6
Concen: 0.403 ng
RT: 6.62 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion: 99 Resp: 942

Ion	Ratio	Lower	Upper
99	100		
42	35.7	25.9	38.9
71	41.4	35.0	52.6

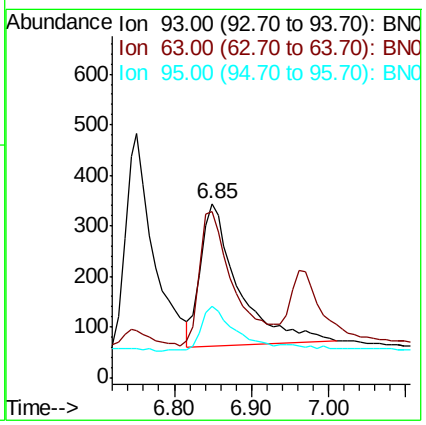


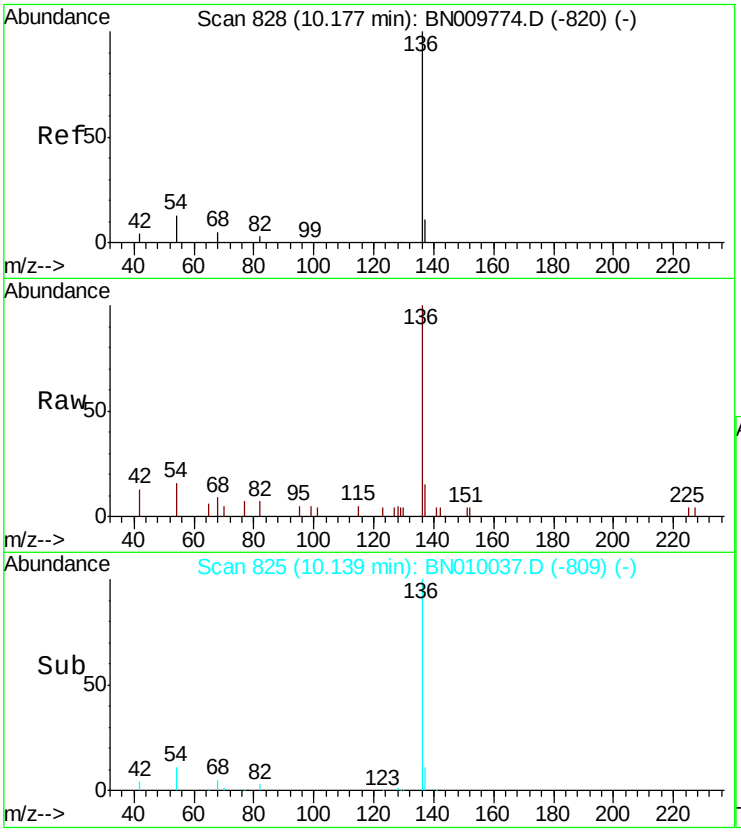


#6
bis(2-Chloroethyl)ether
Concen: 0.424 ng
RT: 6.85 min Scan# 499
Delta R.T. -0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion: 93 Resp: 962

Ion	Ratio	Lower	Upper
93	100		
63	84.8	63.2	94.8
95	31.8	25.0	37.6



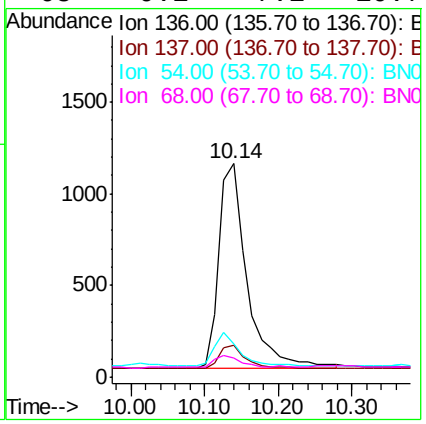


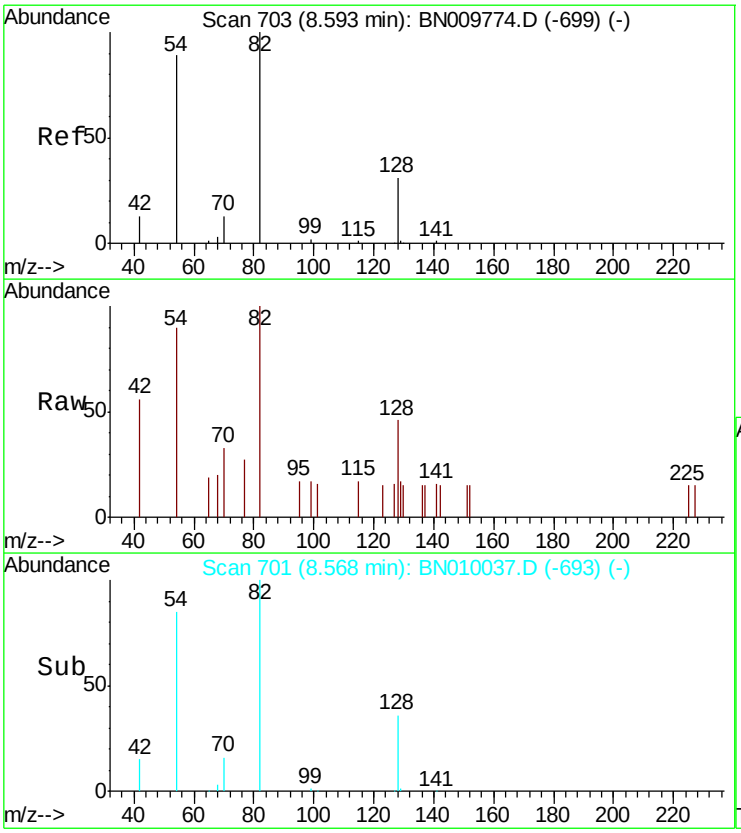
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:136 Resp: 2960

Ion	Ratio	Lower	Upper
136	100		
137	14.9	11.3	16.9
54	15.9	13.9	20.9
68	9.1	7.1	10.7

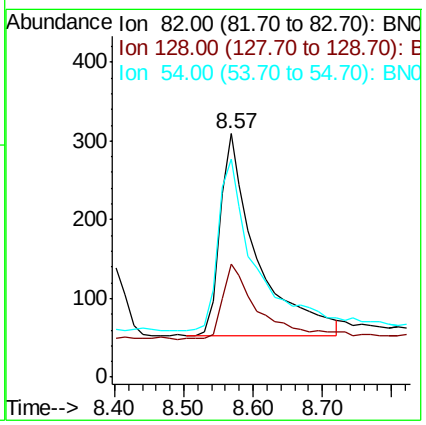


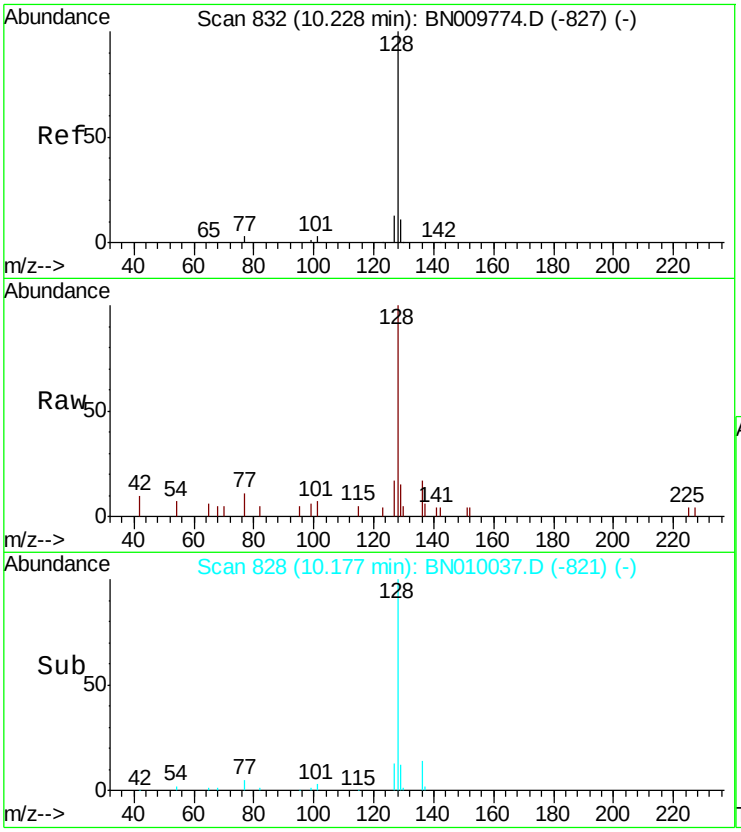


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.57 min Scan# 701
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion: 82 Resp: 951

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.5	56.3
54	89.6	72.4	108.6



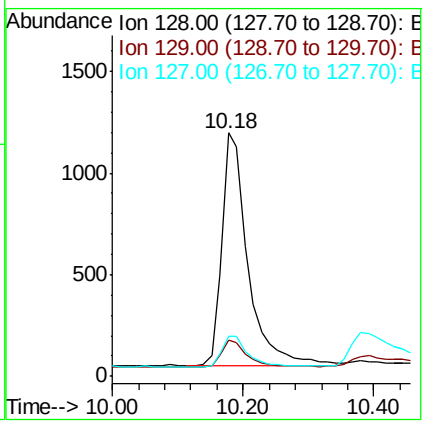


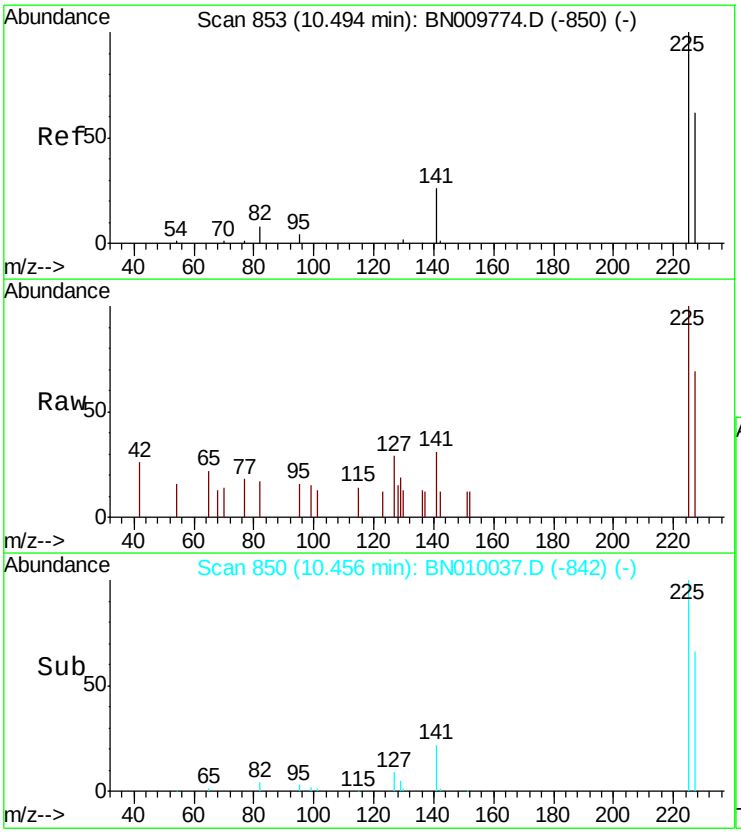
#9
Naphthalene
Concen: 0.390 ng
RT: 10.18 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:128 Resp: 3148

Ion	Ratio	Lower	Upper
128	100		
129	14.9	11.6	17.4
127	16.5	12.6	19.0

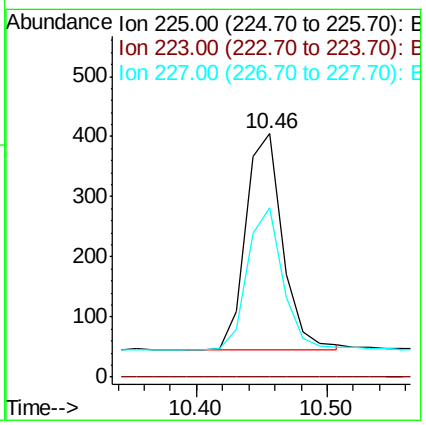


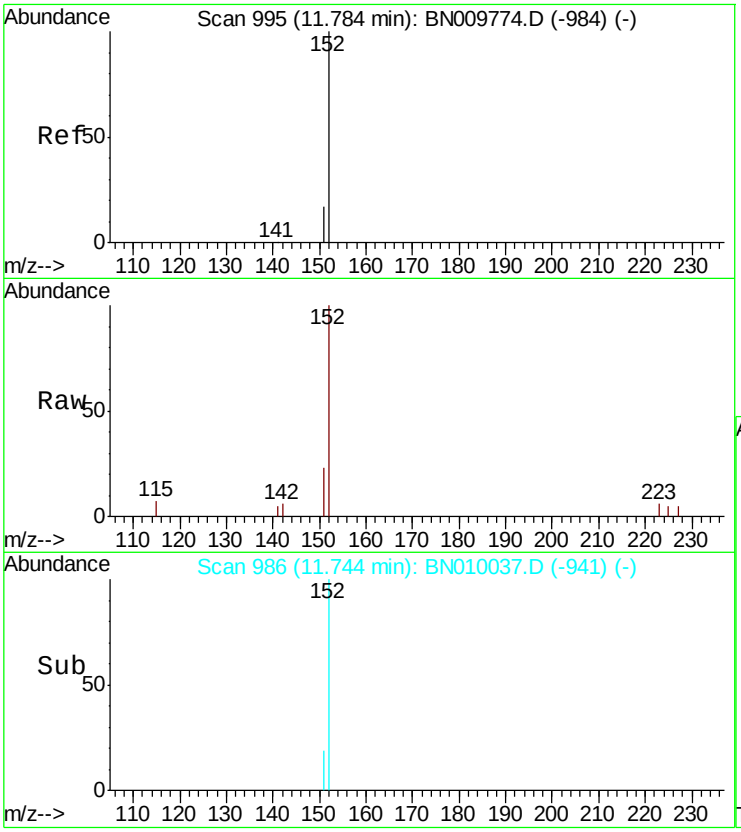


#10
Hexachlorobutadiene
Concen: 0.394 ng
RT: 10.46 min Scan# 850
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:225 Resp: 700

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.1	76.7



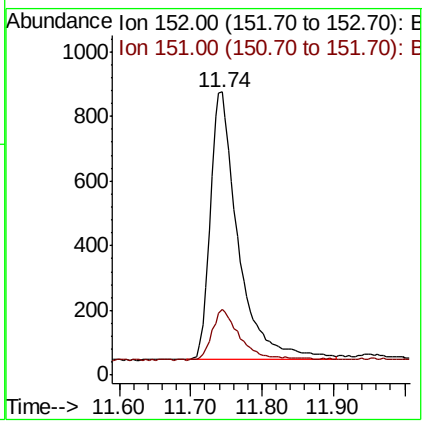


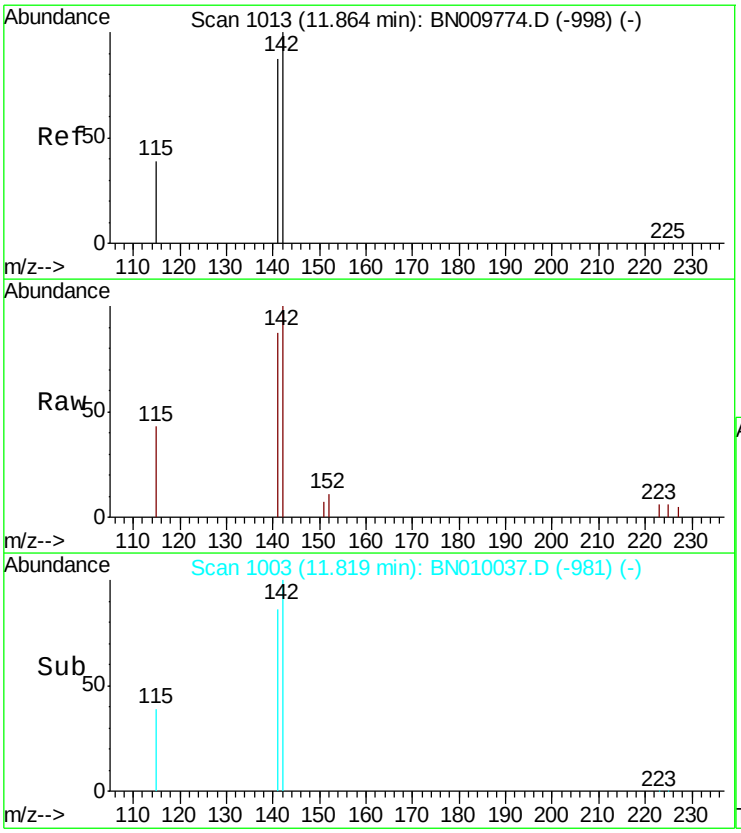
#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:152 Resp: 2265

Ion	Ratio	Lower	Upper
152	100		
151	19.3	14.6	22.0

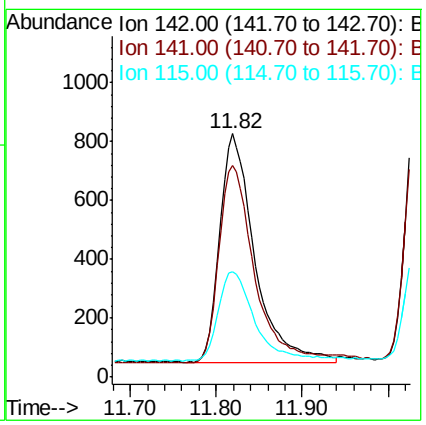


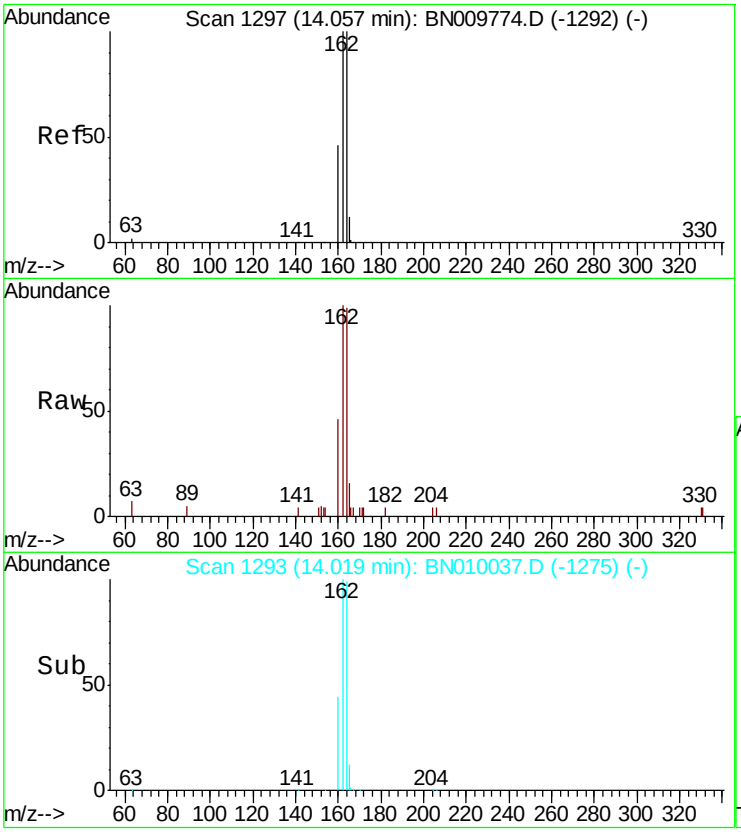


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 11.82 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:142 Resp: 2186

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.5	107.3
115	43.0	34.8	52.2



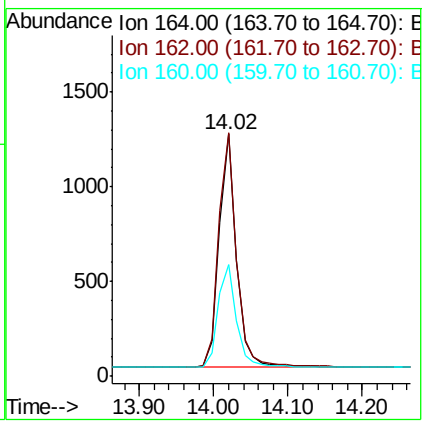


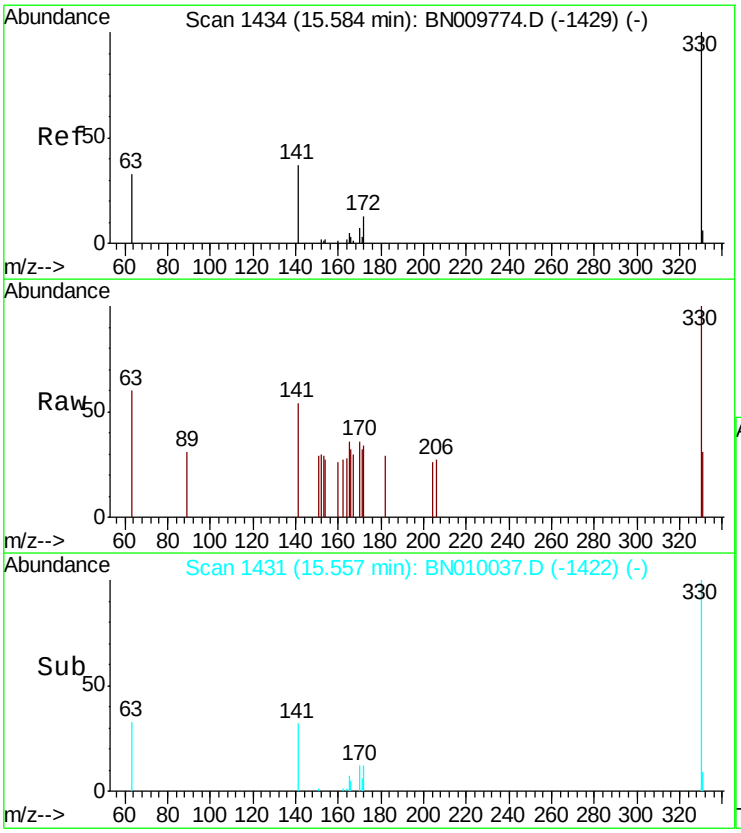
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:164 Resp: 1992

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.9	122.9
160	46.3	37.6	56.4

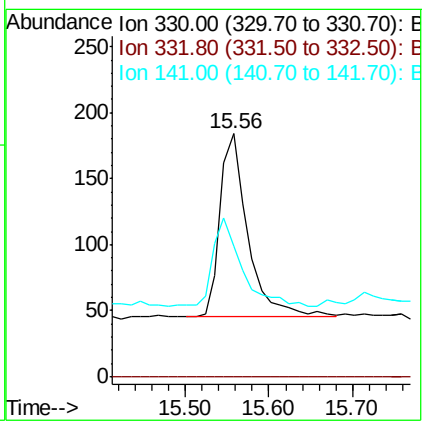


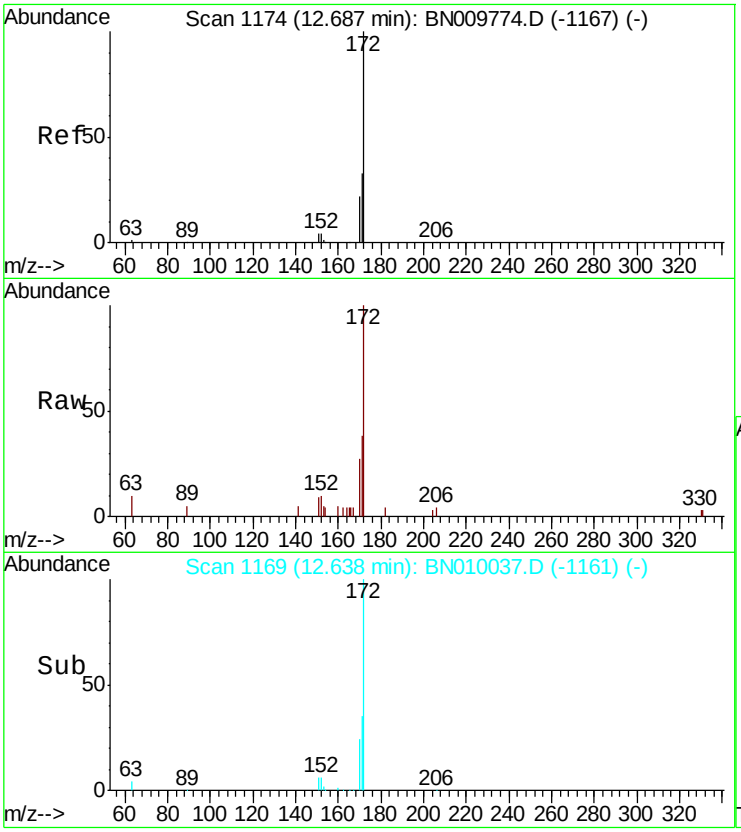


#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 15.56 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:330 Resp: 321

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.8	38.2	57.2



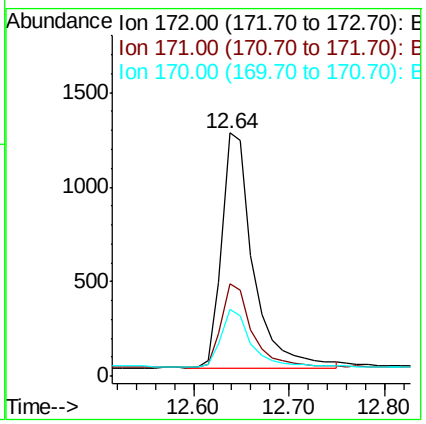


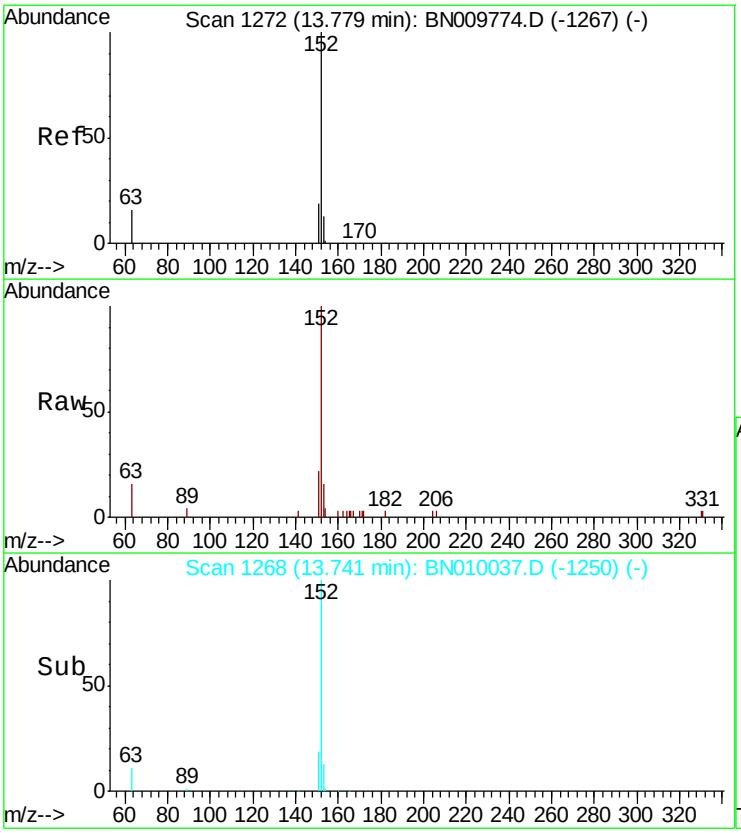
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.64 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:172 Resp: 2855

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.8	43.2
170	27.4	19.4	29.0

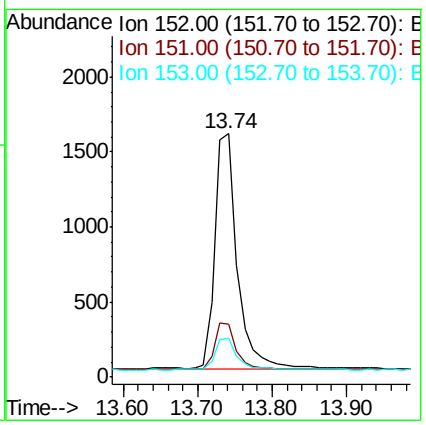


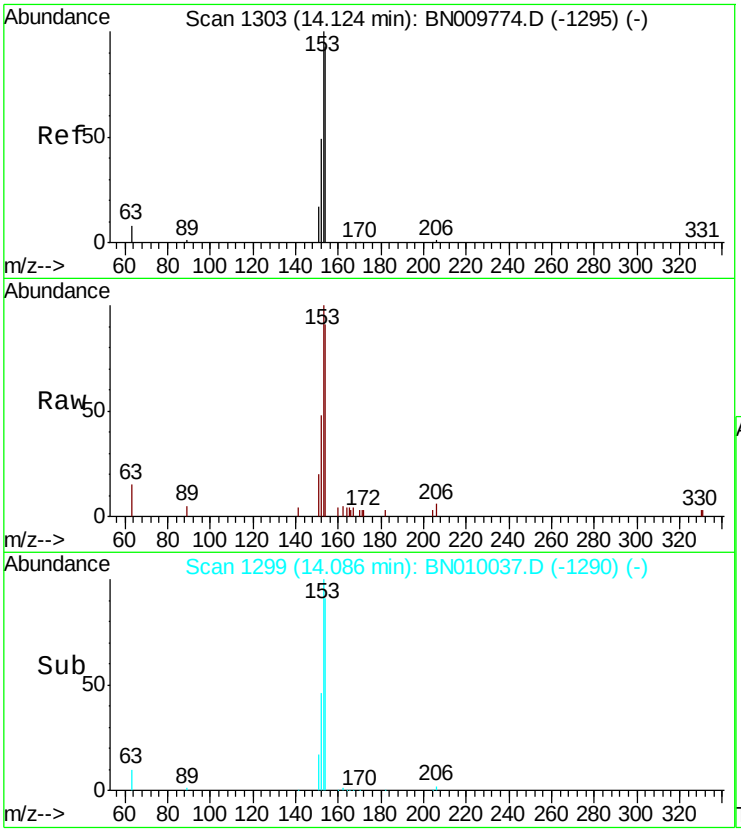


#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.74 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:152 Resp: 3267

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.8	10.8	16.2



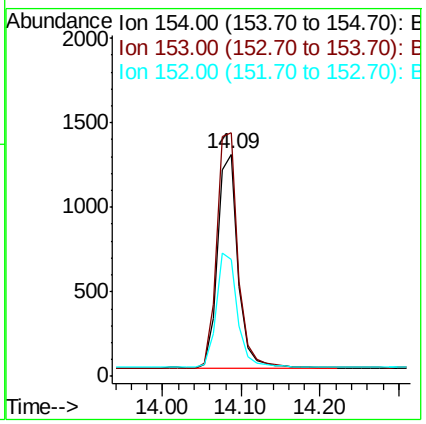


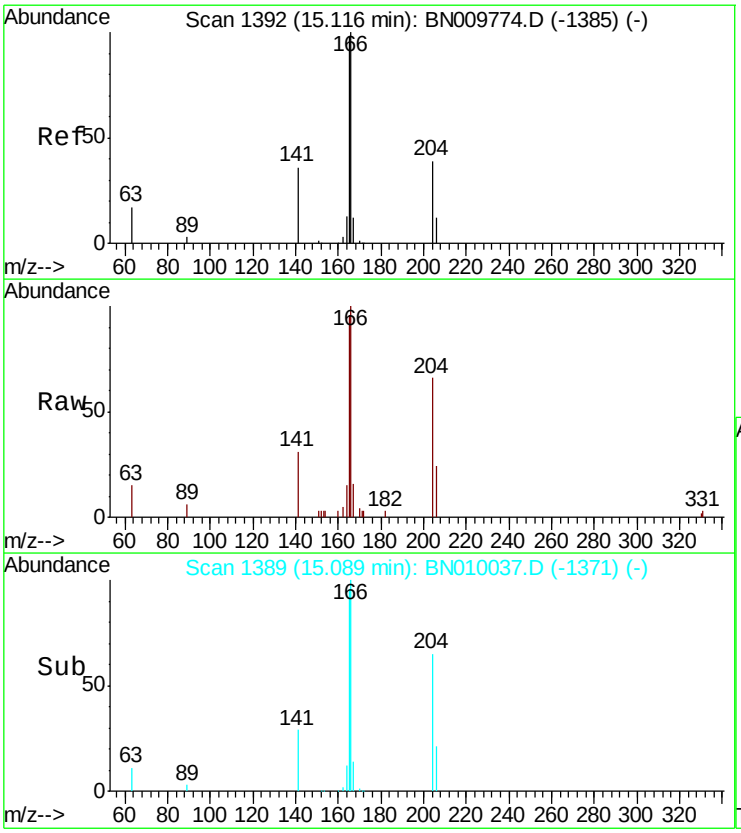
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.09 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:154 Resp: 2317

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.4	137.2
152	54.6	44.2	66.4

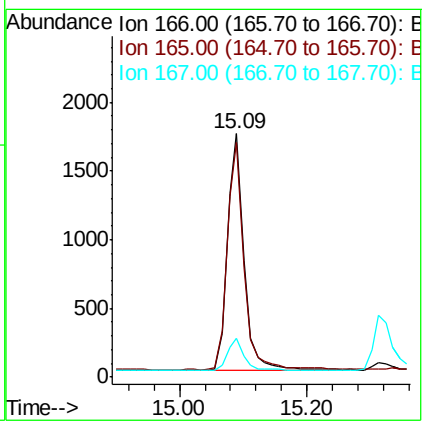


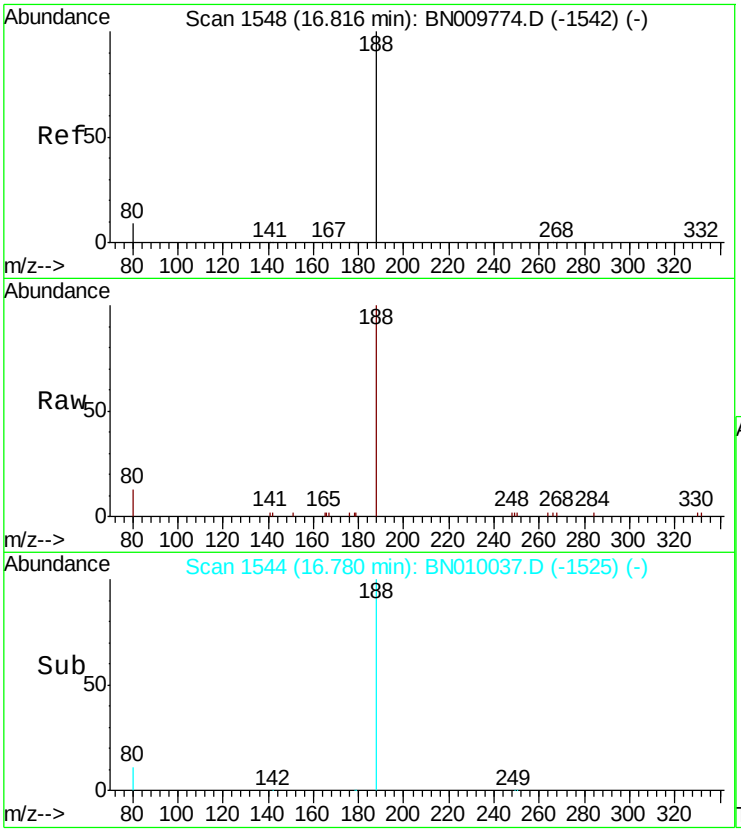


#18
Fluorene
Concen: 0.397 ng
RT: 15.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:166 Resp: 3127

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.1	115.7
167	13.4	11.3	16.9



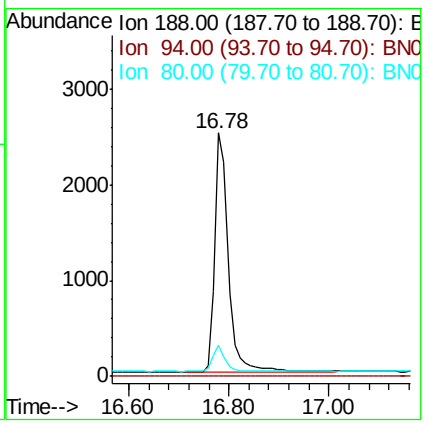


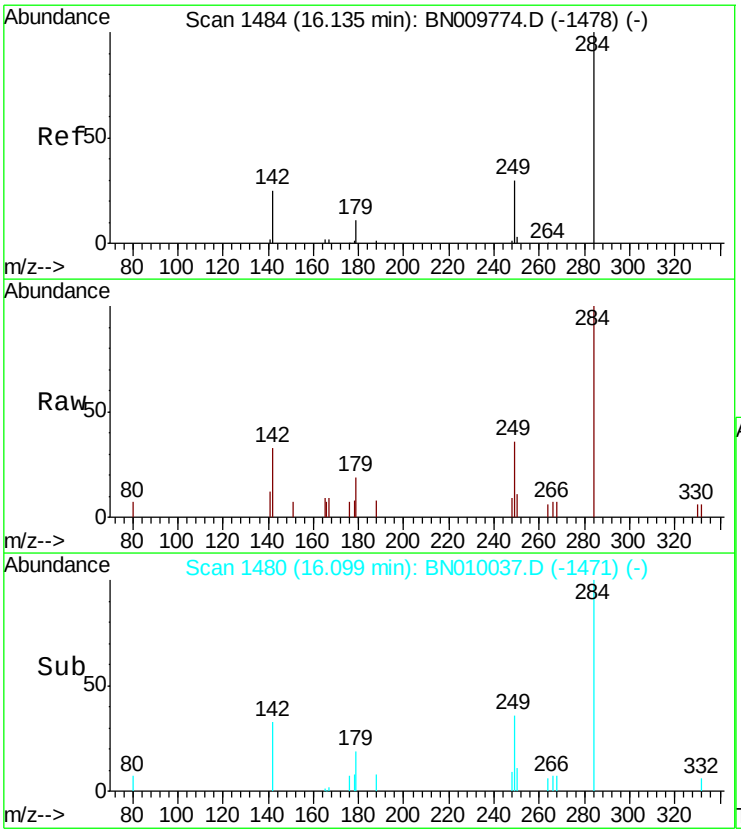
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:188 Resp: 4667

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	9.4	14.2

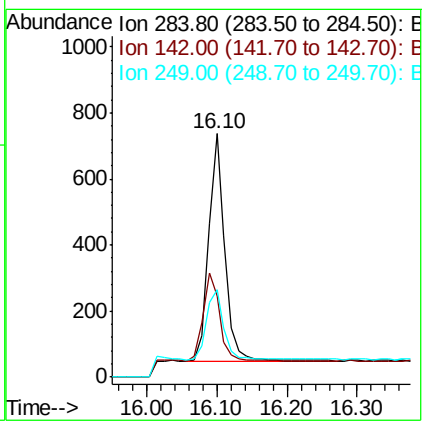


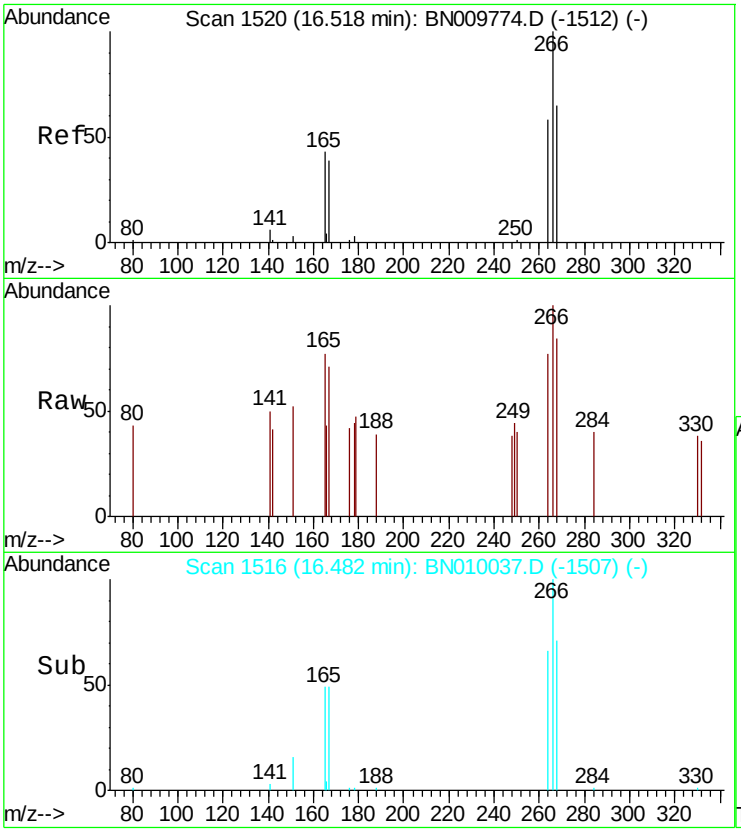


#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.10 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:284 Resp: 1117

Ion	Ratio	Lower	Upper
284	100		
142	39.8	33.3	49.9
249	32.5	26.0	39.0



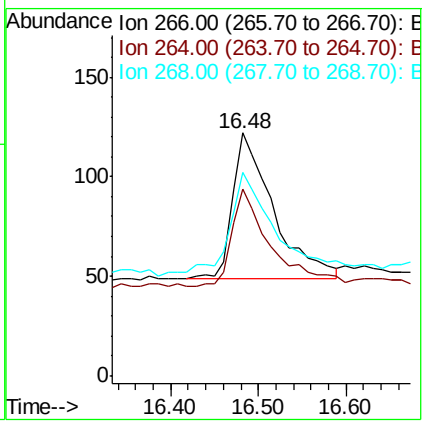


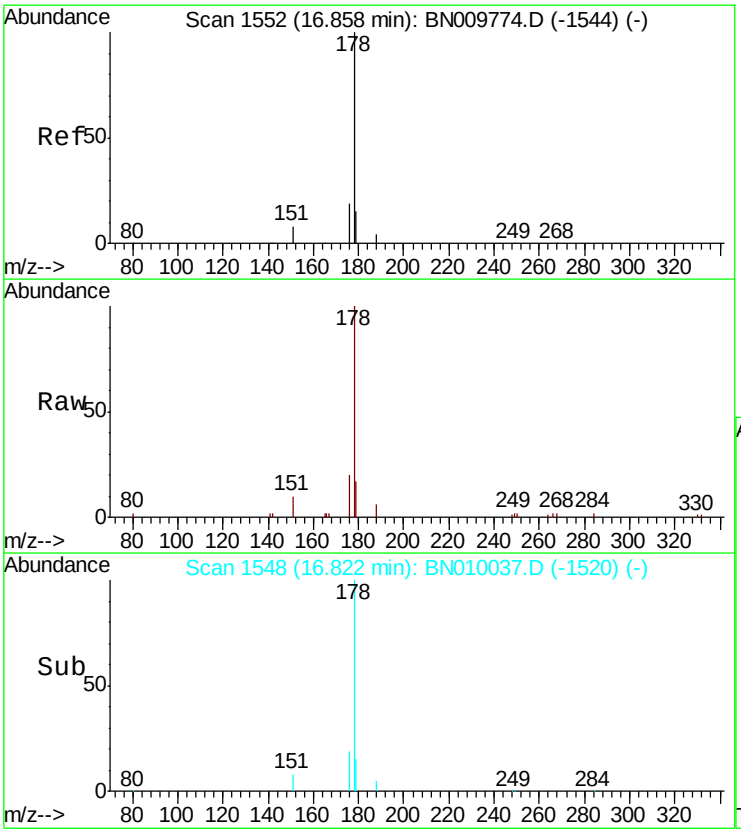
#22
Pentachlorophenol
Concen: 0.418 ng
RT: 16.48 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:266 Resp: 233

Ion	Ratio	Lower	Upper
266	100		
264	77.0	57.4	86.0
268	83.6	63.8	95.6

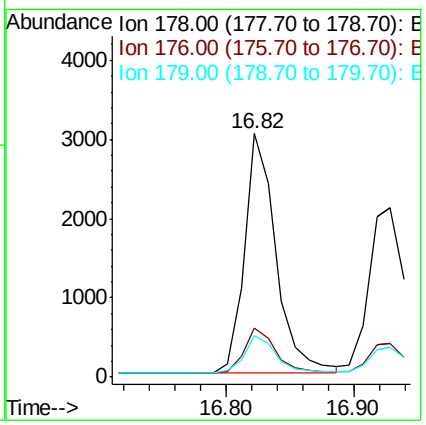


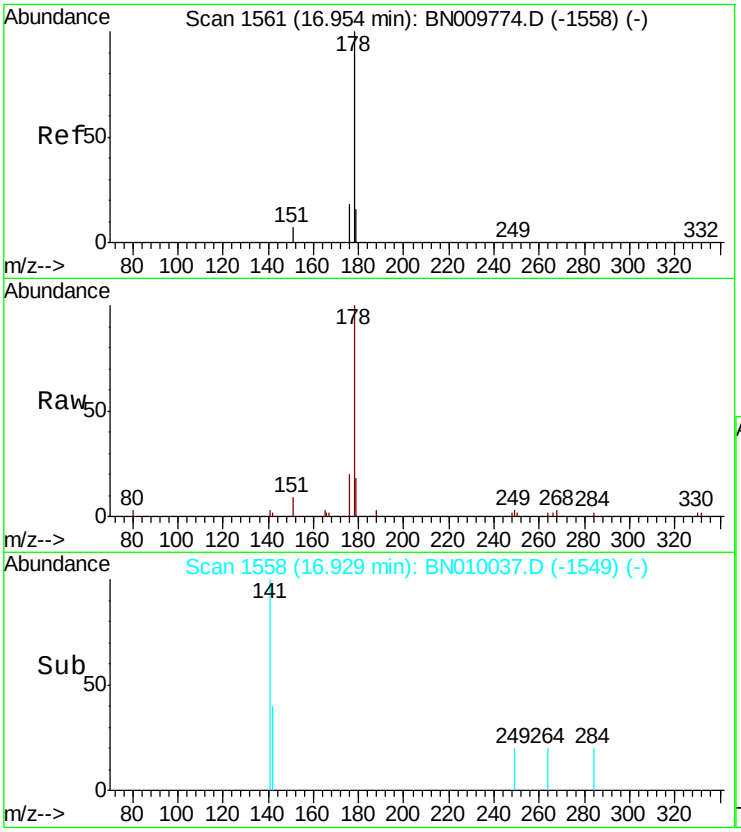


#23
Phenanthrene
Concen: 0.377 ng
RT: 16.82 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:178 Resp: 5232

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.2	18.4



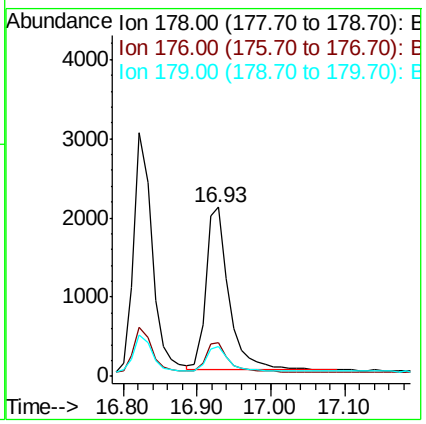


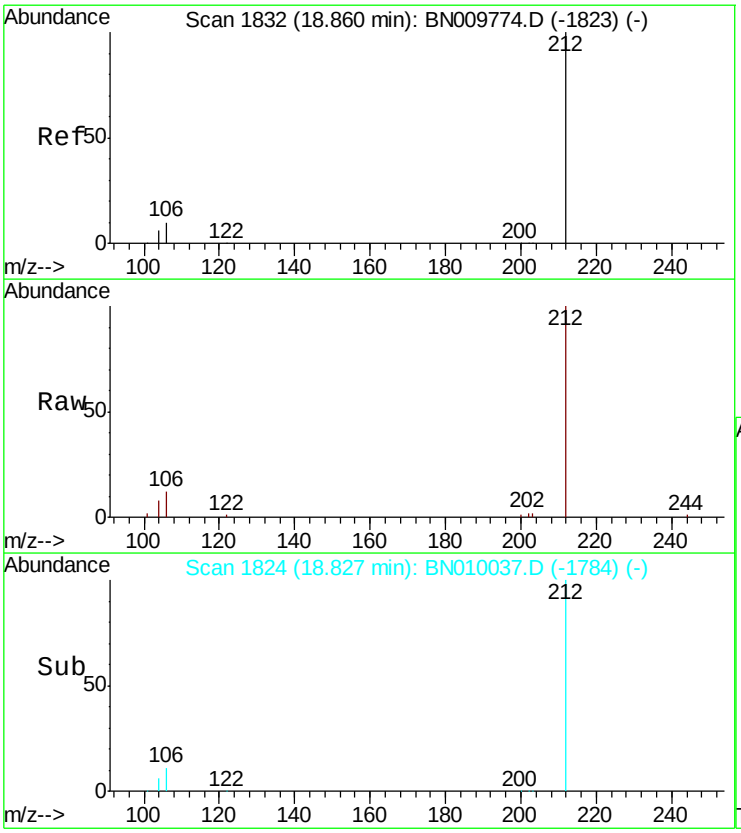
#24
Anthracene
Concen: 0.380 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:178 Resp: 4465

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.2	21.2
179	15.5	11.8	17.8

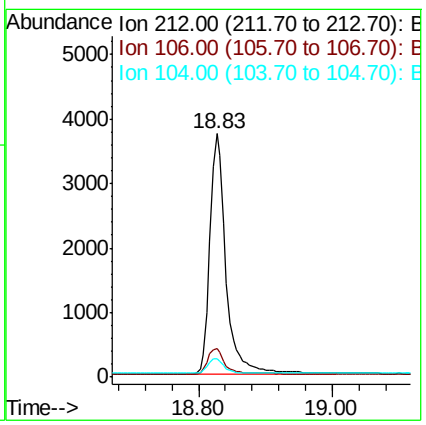


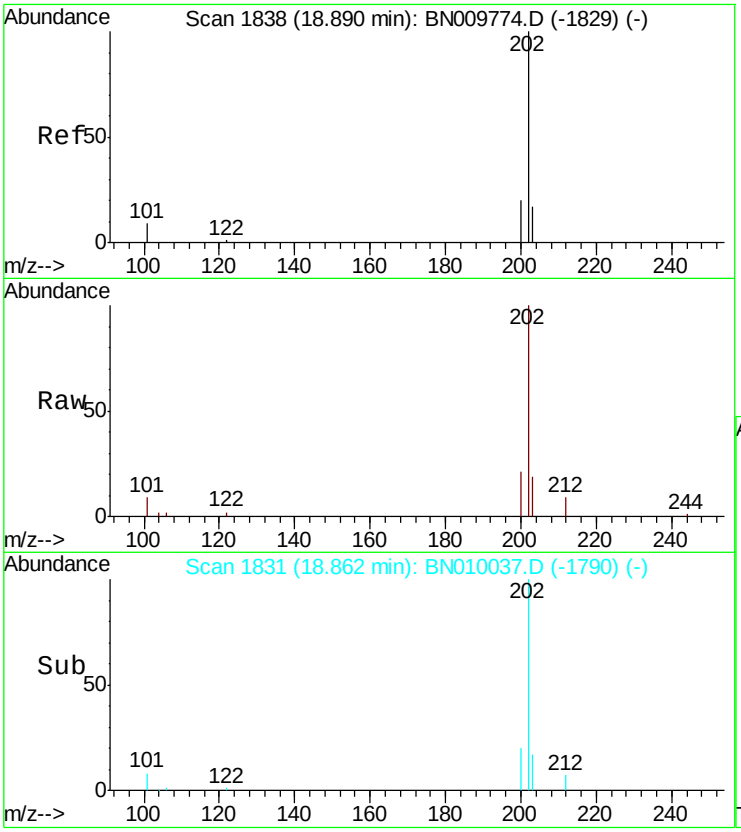


#25
Fluoranthene-d10
Concen: 0.388 ng
RT: 18.83 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:212 Resp: 6266

Ion	Ratio	Lower	Upper
212	100		
106	10.8	8.2	12.4
104	6.3	5.0	7.6



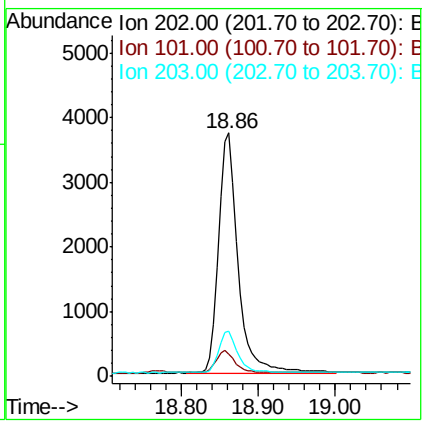


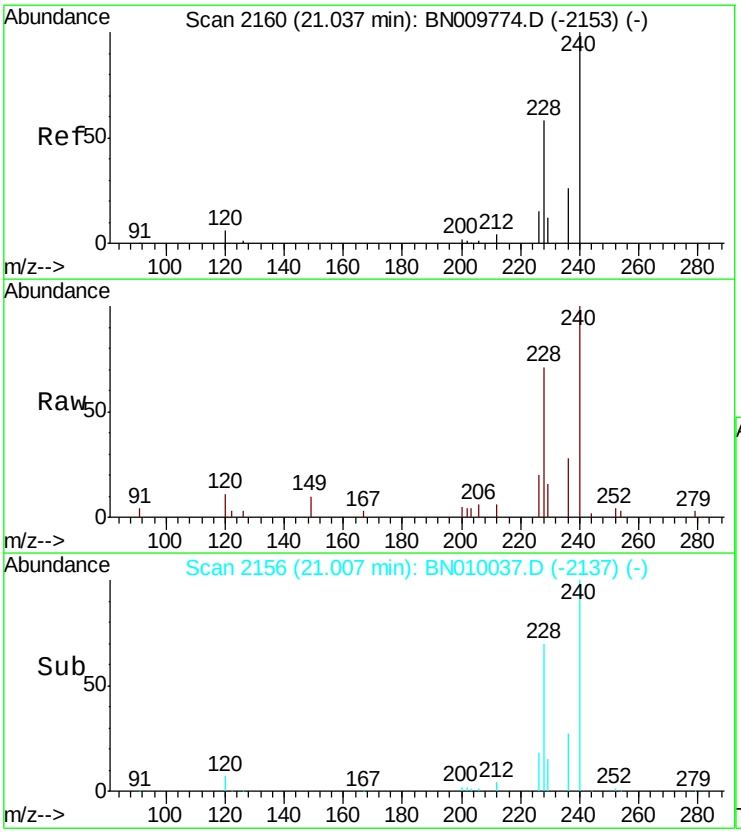
#26
Fluoranthene
Concen: 0.390 ng
RT: 18.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:202 Resp: 6493

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.6
203	17.0	13.4	20.2

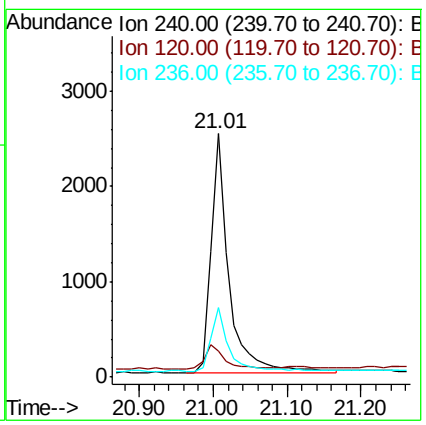


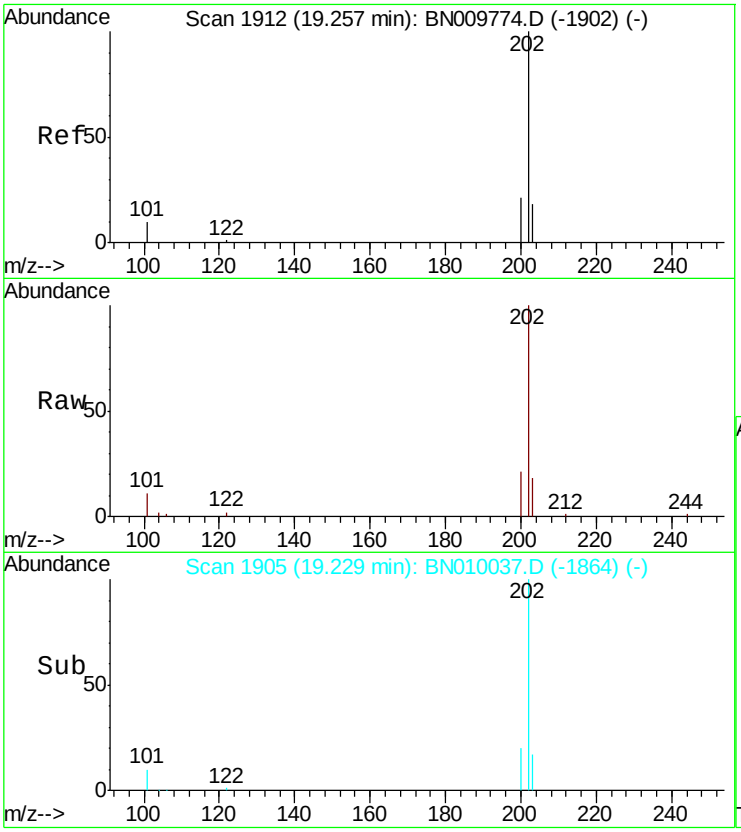


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:240 Resp: 4233

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.5	12.7
236	28.4	22.5	33.7



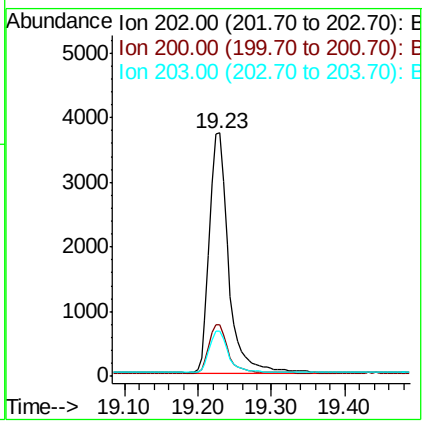


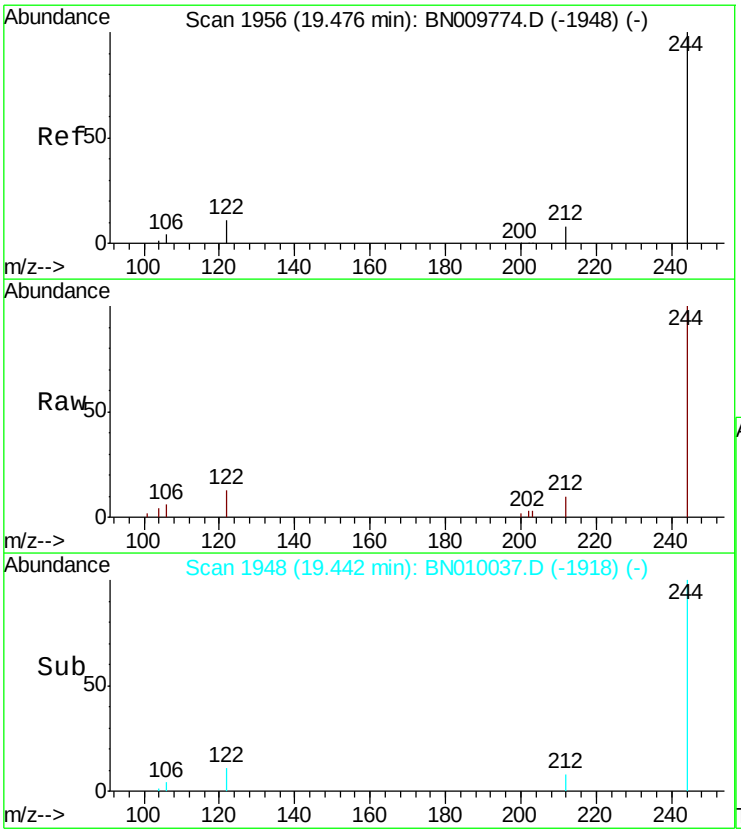
#28
Pyrene
Concen: 0.416 ng
RT: 19.23 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:202 Resp: 6683

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.2	14.0	21.0

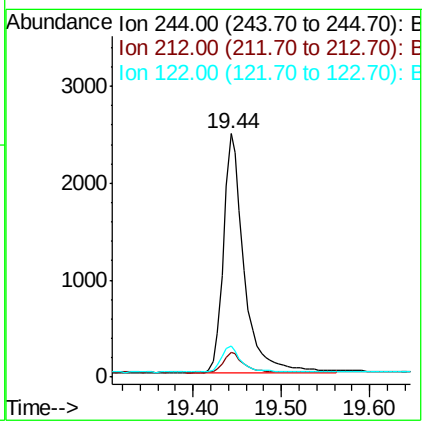


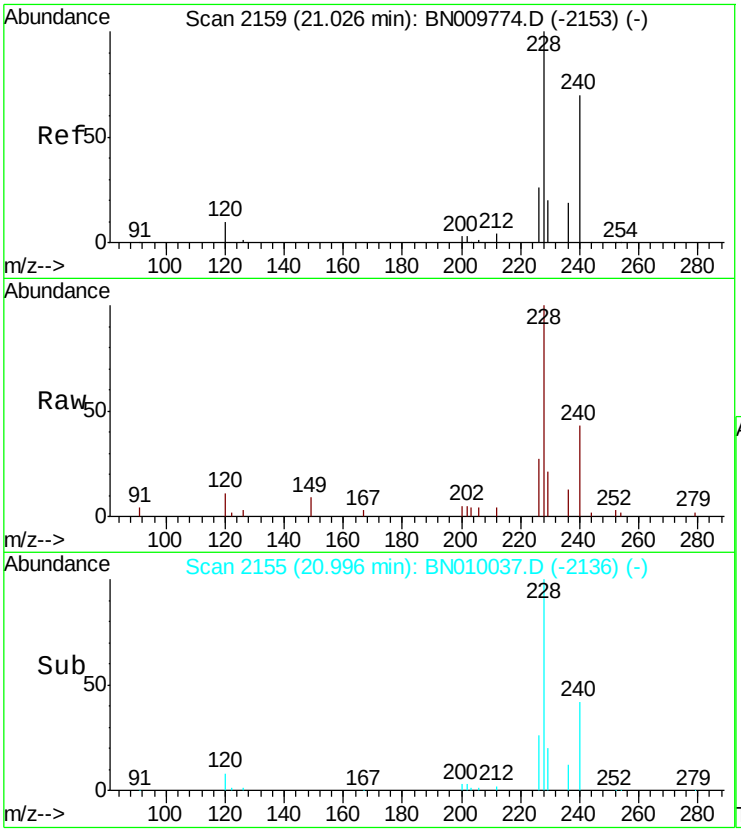


#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.44 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:244 Resp: 4020

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.0	12.0
122	12.5	9.9	14.9



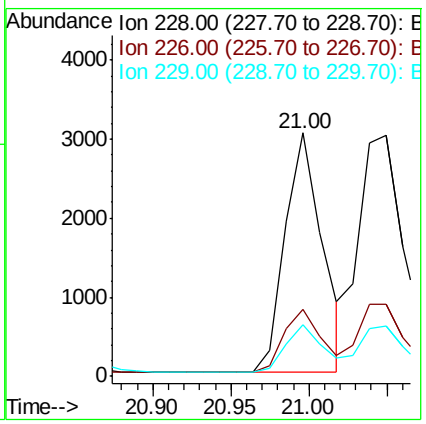


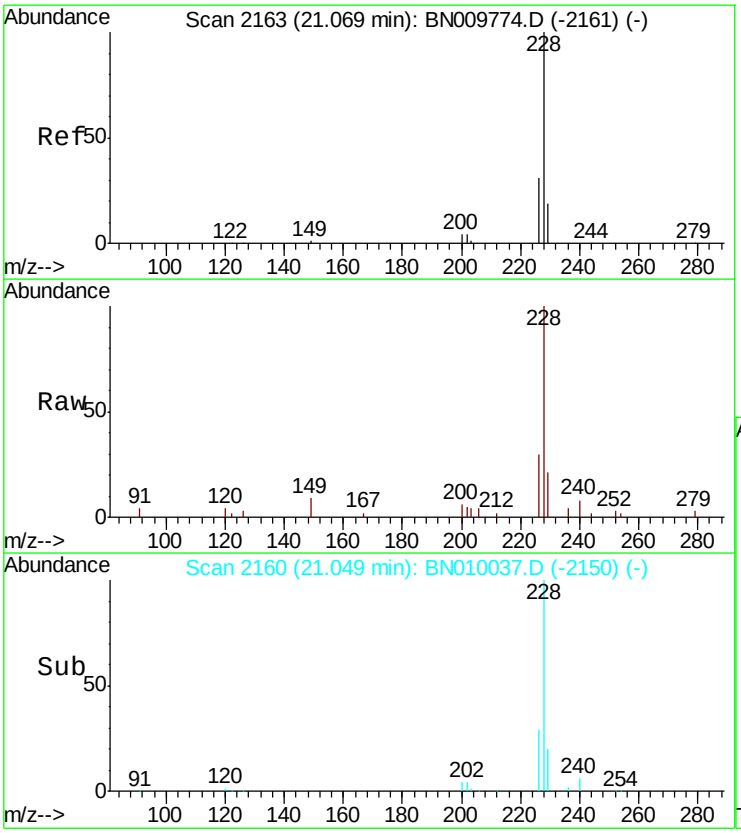
#30
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.00 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:228 Resp: 5029

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	21.0	17.1	25.7

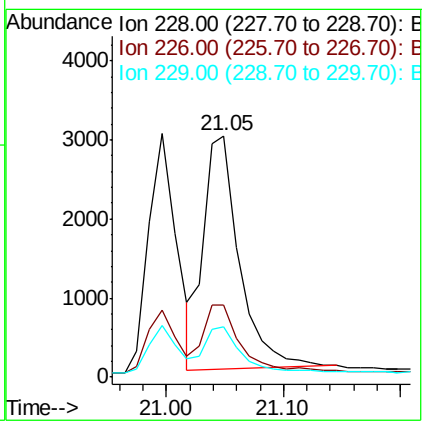


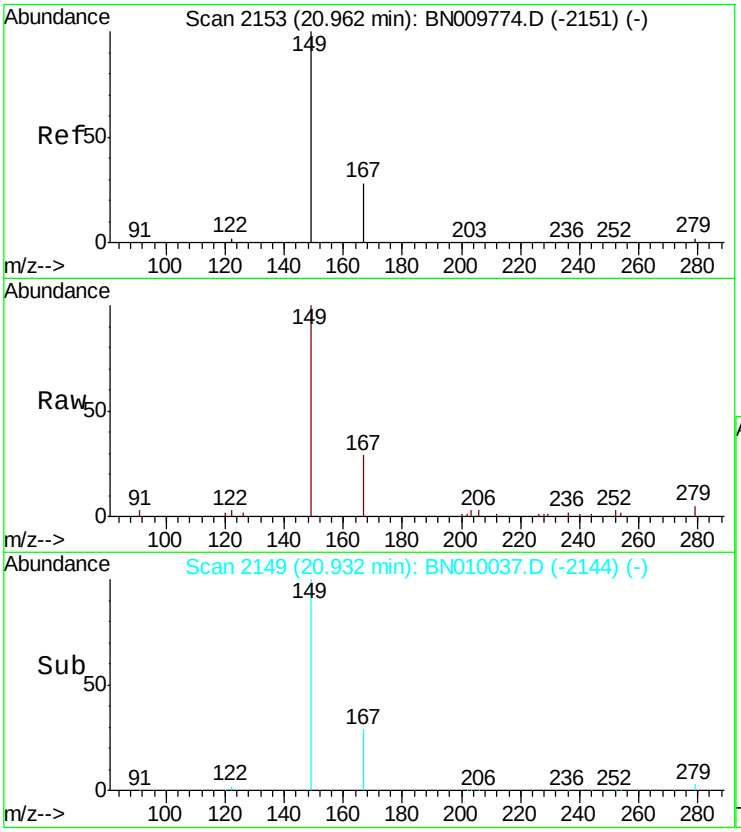


#31
Chrysene
Concen: 0.390 ng
RT: 21.05 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:228 Resp: 6340

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	21.1	16.5	24.7



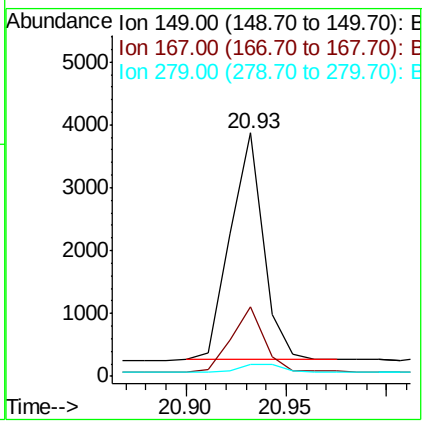


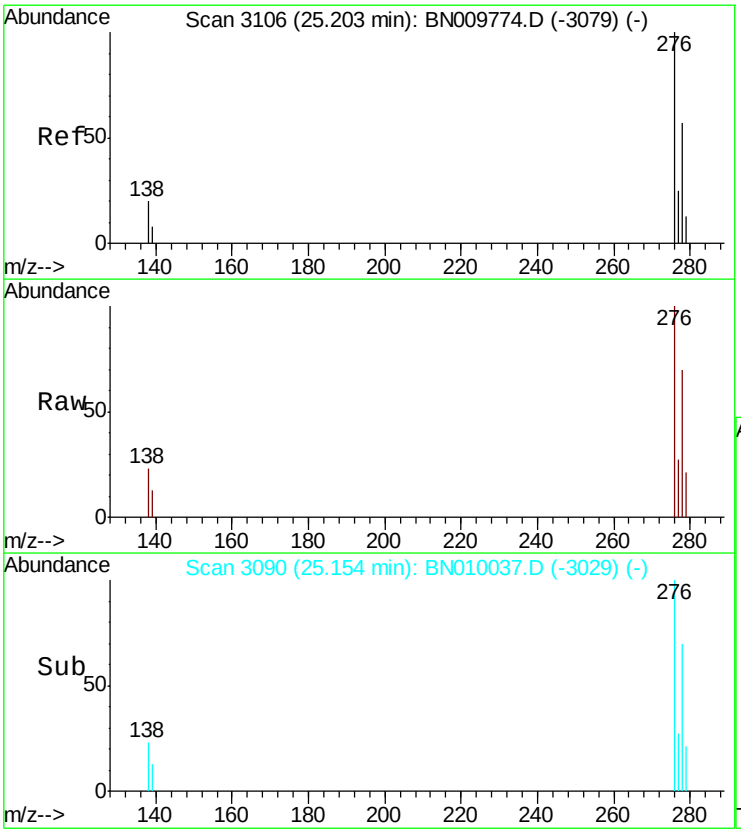
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.609 ng
RT: 20.93 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:149 Resp: 4177

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.0	33.0
279	3.9	3.2	4.8

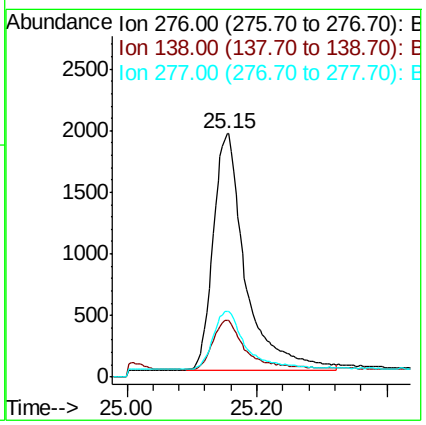


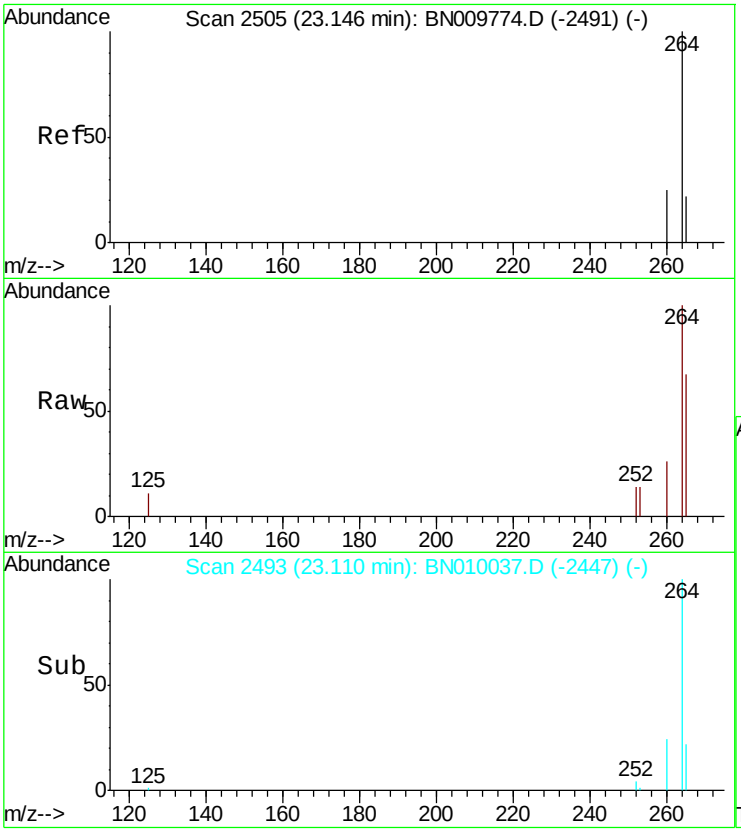


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng
RT: 25.15 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:276 Resp: 6626

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.6	25.0
277	23.7	18.6	28.0



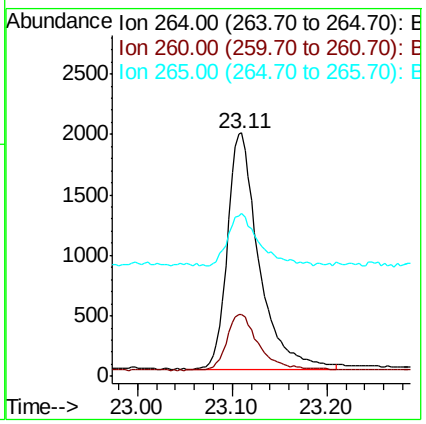


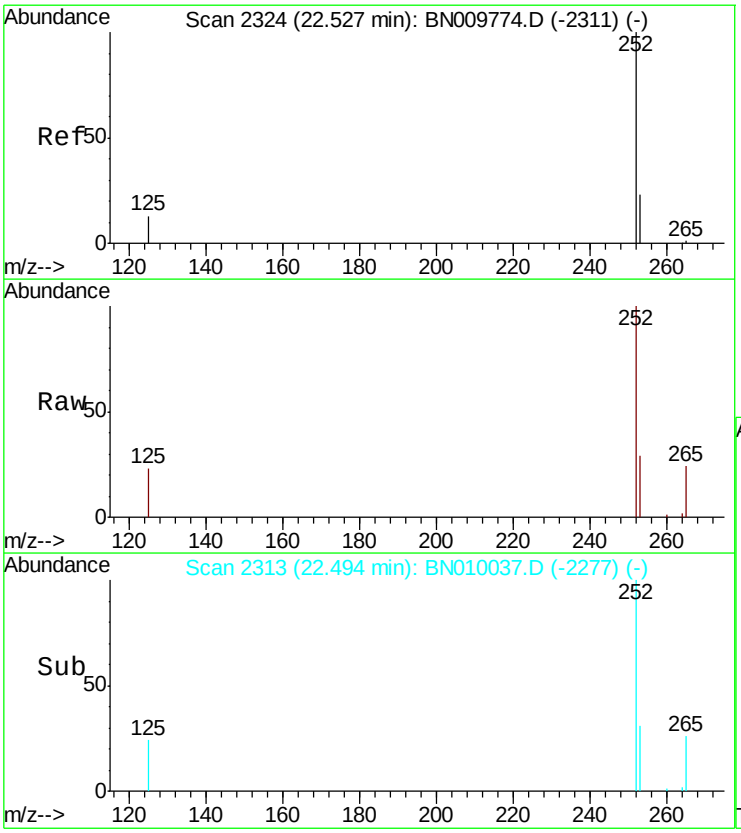
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.11 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:264 Resp: 4537

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.4	30.6
265	66.8	50.5	75.7

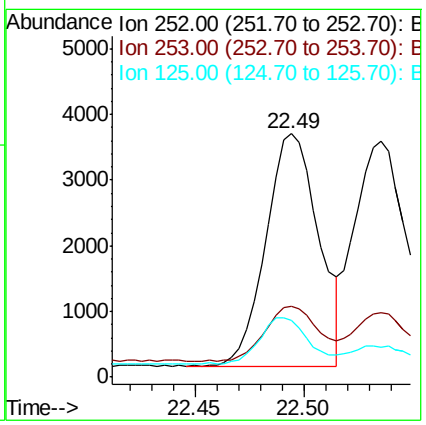


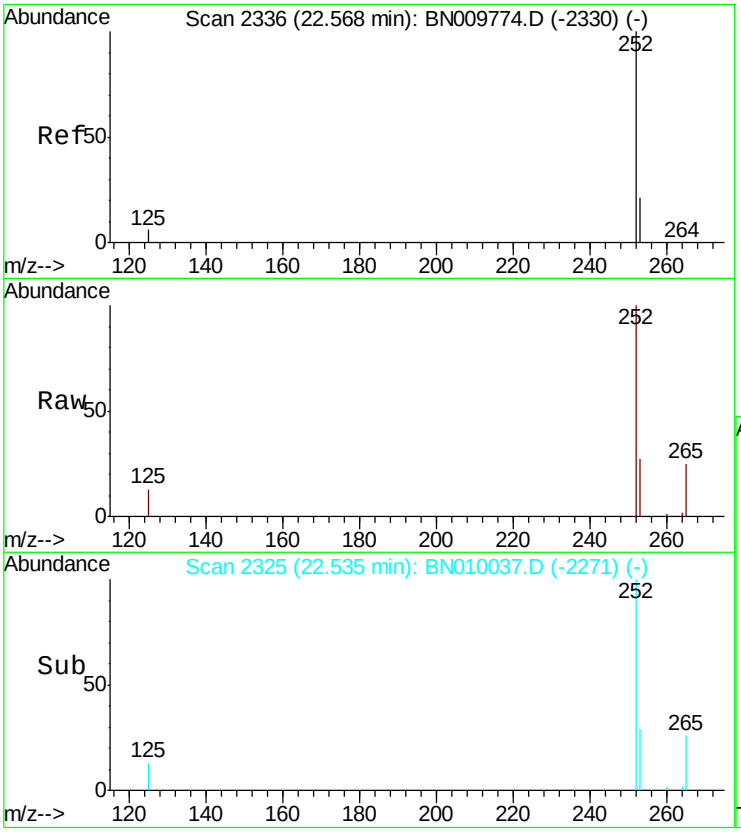


#35
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 22.49 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:252 Resp: 5952

Ion	Ratio	Lower	Upper
252	100		
253	29.1	23.1	34.7
125	23.2	18.6	27.8



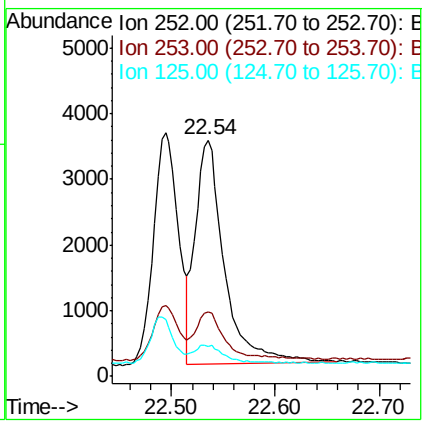


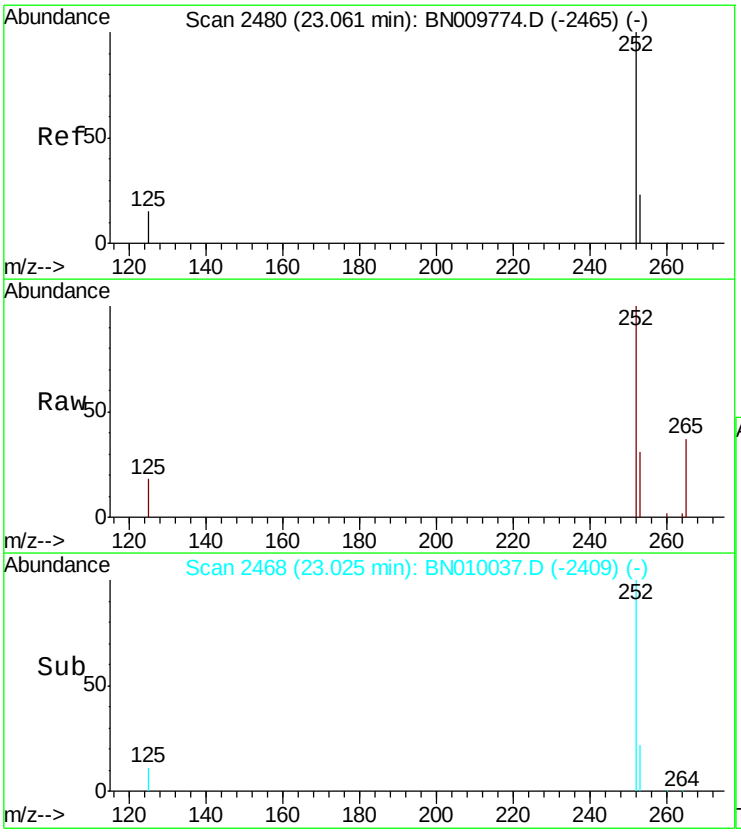
#36
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 22.54 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:252 Resp: 6598

Ion	Ratio	Lower	Upper
252	100		
253	27.3	22.0	33.0
125	12.8	11.1	16.7

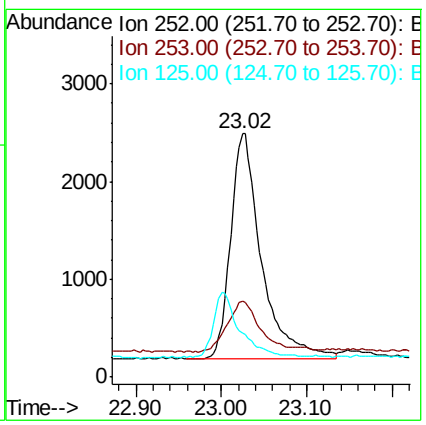


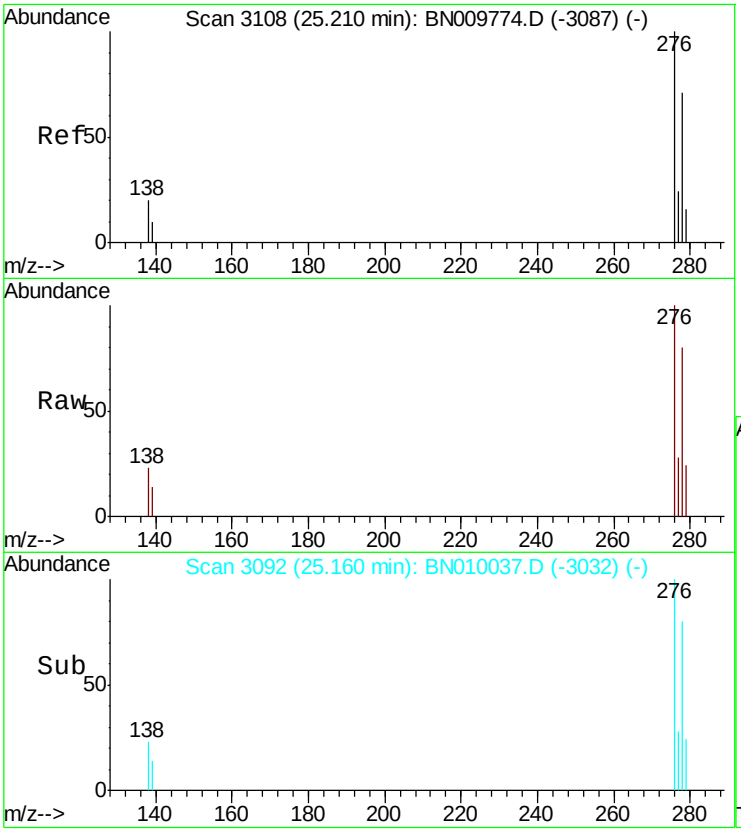


#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.02 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:252 Resp: 5807

Ion	Ratio	Lower	Upper
252	100		
253	31.2	24.6	36.8
125	18.0	14.3	21.5



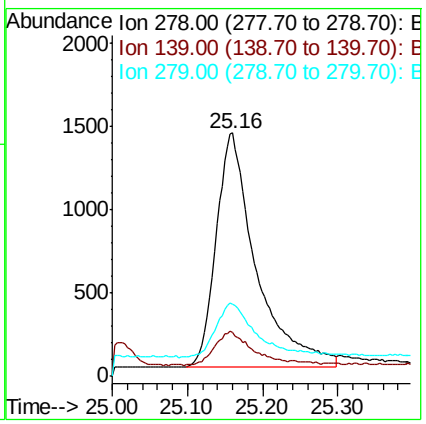


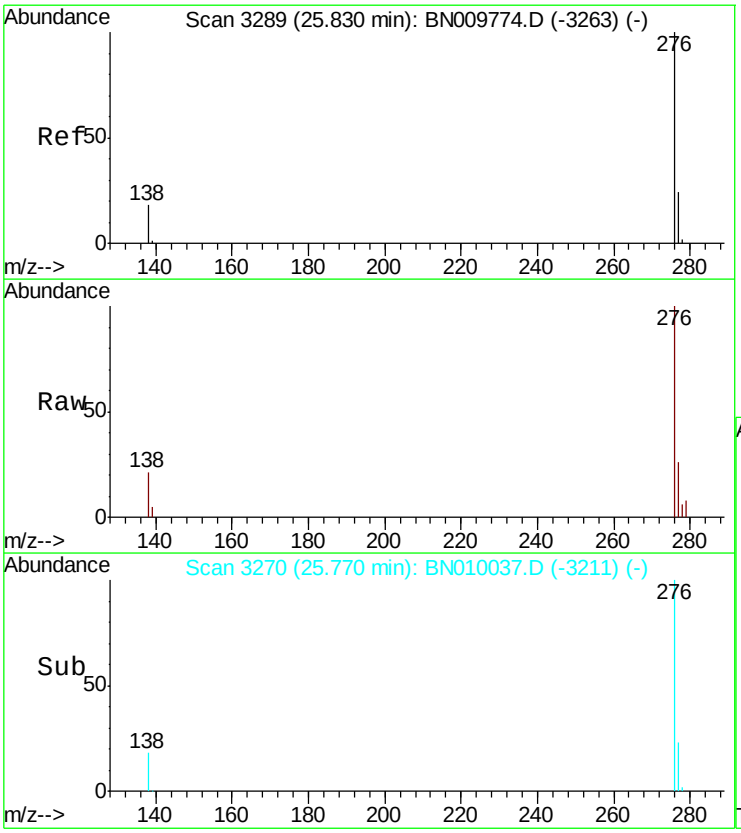
#38
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 25.16 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Instrument :
BNA_N
ClientSampleId :
PB127062BS

Tgt Ion:278 Resp: 5111

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.4	21.6
279	29.8	24.4	36.6





#39
Benzo(g,h,i)perylene
Concen: 0.364 ng
RT: 25.77 min Scan# 3270
Delta R.T. 0.00 min
Lab File: BN010037.D
Acq: 02 Mar 2020 13:03

Tgt Ion:276 Resp: 5781

Ion	Ratio	Lower	Upper
276	100		
277	26.4	21.4	32.0
138	21.2	17.0	25.4