Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
Data File : BN010483.D
Acq On : 14 Apr 2020 17:53
Operator : CG/JU
Sample : PB128219BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128219BSD

Quant Time: Apr 14 18:43:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4261	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	16689	0.40	ng		0.00
13) Acenaphthene-d10	14.22	164	10589	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	24254	0.40	ng		0.00
27) Chrysene-d12	21.17	240	20511	0.40	ng		-0.01
34) Perylene-d12	23.35	264	18401	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3280	0.35	ng		0.00
5) Phenol-d6	6.79	99	4004	0.33	ng		0.00
8) Nitrobenzene-d5	8.73	82	3916	0.34	ng		-0.01
11) 2-Methylnaphthalene-d10	11.96	152	14745	0.54	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1400	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	13410	0.35	ng		0.00
25) Fluoranthene-d10	19.01	212	22086	0.30	ng		0.00
29) Terphenyl-d14	19.62	244	17185	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1157	0.369	ng		95
3) n-Nitrosodimethylamine	3.55	42	1160	0.570	ng	#	82
6) bis(2-Chloroethyl)ether	7.04	93	4863	0.460	ng		99
9) Naphthalene	10.41	128	19186	0.463	ng		99
10) Hexachlorobutadiene	10.71	225	4345	0.435	ng	#	99
12) 2-Methylnaphthalene	12.03	142	14037	0.471	ng		97
16) Acenaphthylene	13.95	152	20739	0.453	ng		100
17) Acenaphthene	14.29	154	13246	0.451	ng		99
18) Fluorene	15.28	166	17579	0.457	ng		99
20) 4-Bromophenyl-phenylether	16.18	248	5749	0.427	ng	#	92
21) Hexachlorobenzene	16.29	284	6870	0.447	ng		99
22) Pentachlorophenol	16.63	266	5994	0.991	ng		96
23) Phenanthrene	17.02	178	29333	0.448	ng		99
24) Anthracene	17.10	178	26411	0.441	ng		100
26) Fluoranthene	19.04	202	35006	0.429	ng		100
28) Pyrene	19.41	202	34874	0.505	ng		100
30) Benzo(a)anthracene	21.16	228	29121	0.435	ng		99
31) Chrysene	21.22	228	31444	0.472	ng		98
32) Bis(2-ethylhexyl)phthalate	21.12	149	13428	0.391	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	30022	0.509	ng		99
35) Benzo(b)fluoranthene	22.71	252	27756	0.458	ng		99
36) Benzo(k)fluoranthene	22.75	252	28866	0.476	ng		100
37) Benzo(a)pyrene	23.26	252	25962	0.484	ng		97
38) Dibenzo(a,h)anthracene	25.51	278	24187	0.493	ng		98
39) Benzo(g,h,i)perylene	26.14	276	25251	0.512	ng		99

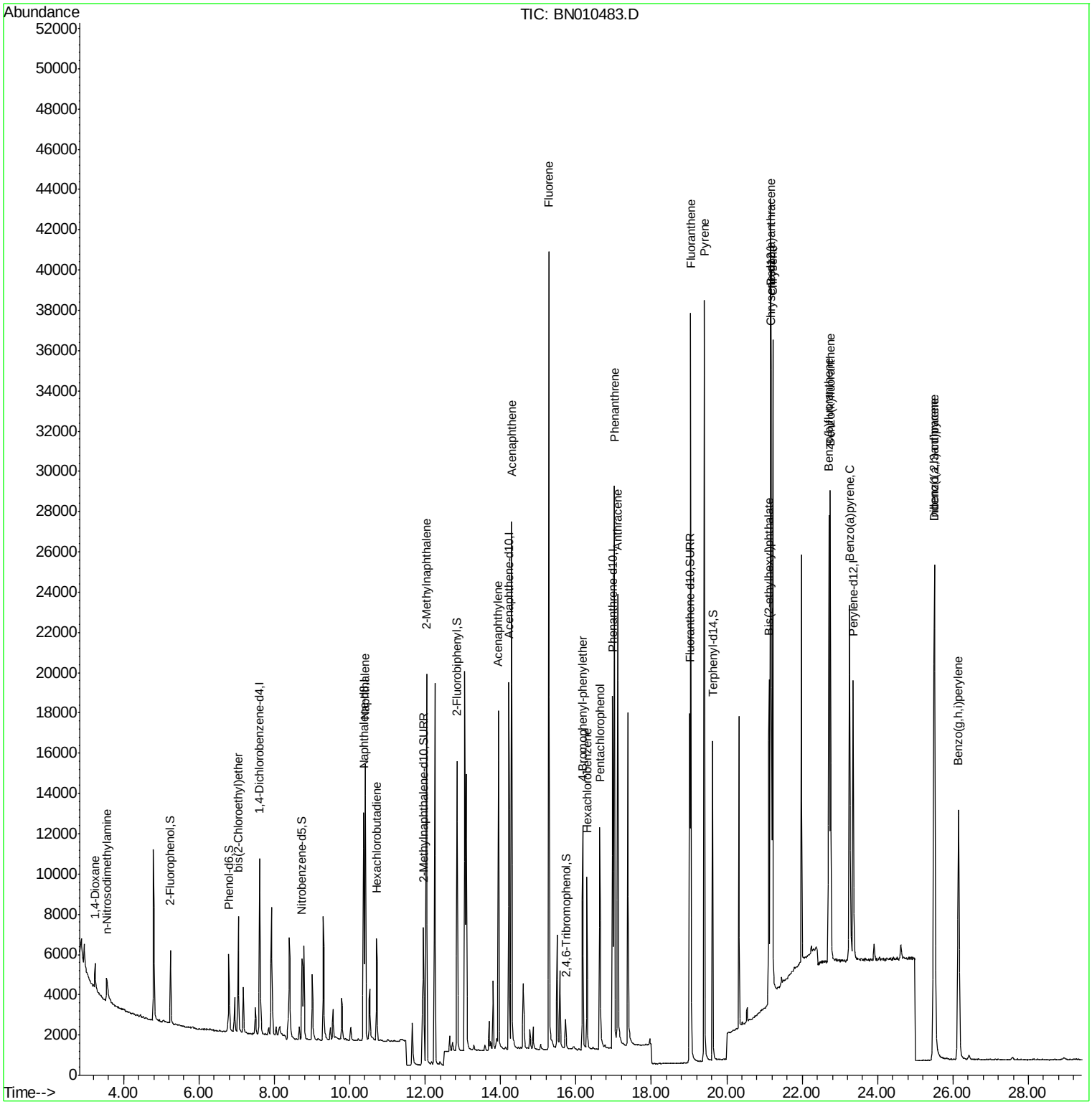
(#) = qualifier out of range (m) = manual integration (+) = signals summed

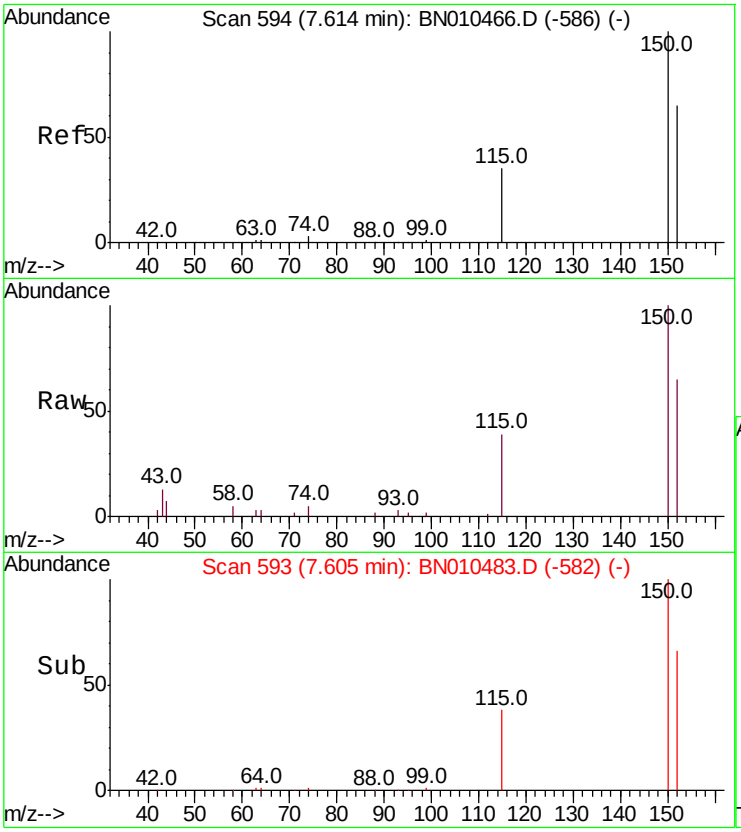
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
Data File : BN010483.D
Acq On : 14 Apr 2020 17:53
Operator : CG/JU
Sample : PB128219BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Quant Time: Apr 14 18:43:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration



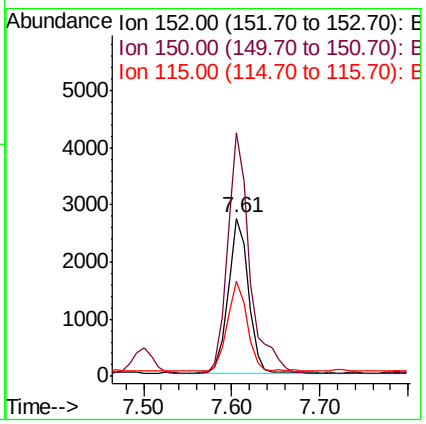


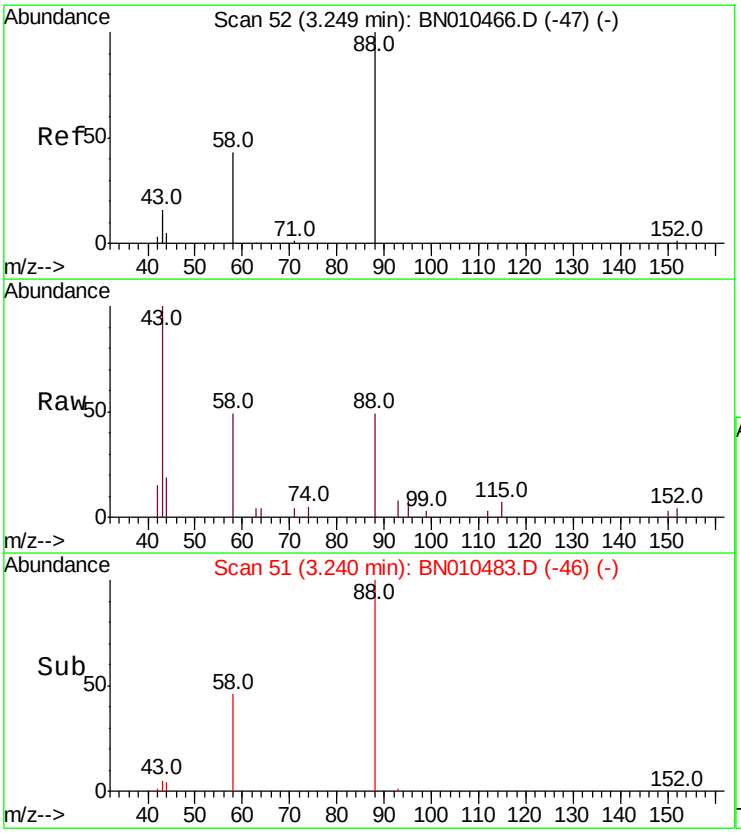
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:152 Resp: 4261

Ion	Ratio	Lower	Upper
152	100		
150	154.2	121.8	182.6
115	59.8	45.5	68.3

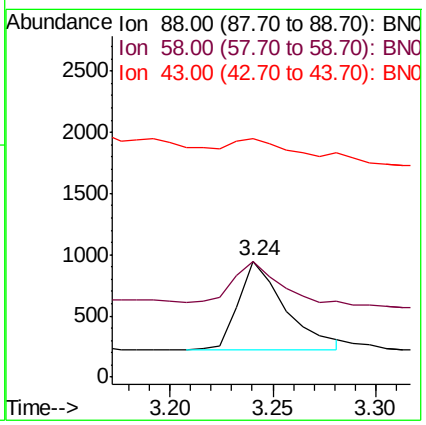


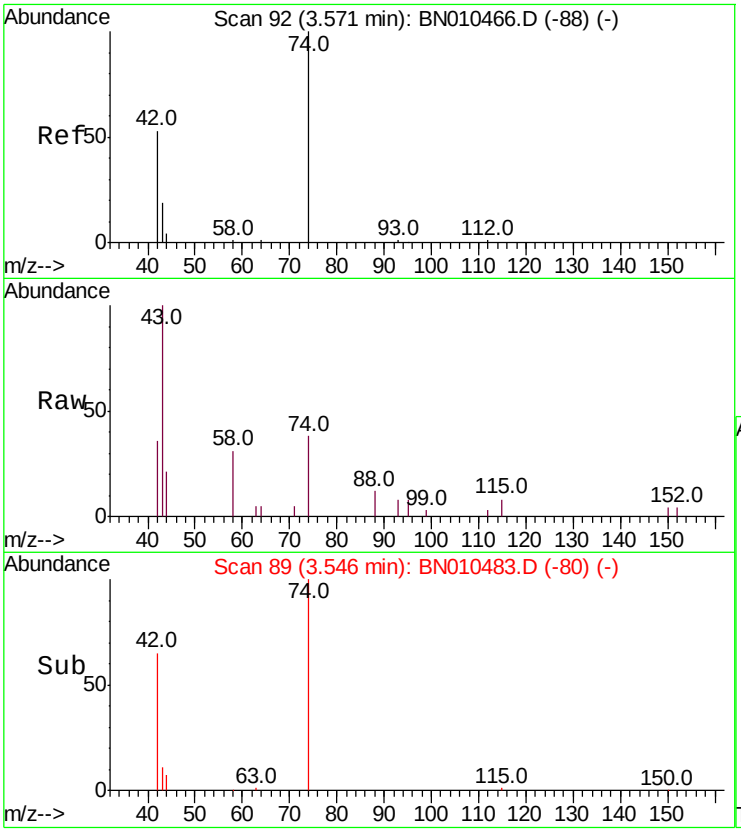


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion: 88 Resp: 1157

Ion	Ratio	Lower	Upper
88	100		
58	42.7	36.5	54.7
43	18.7	13.2	19.8



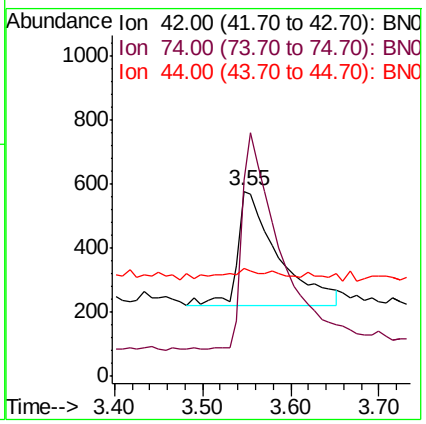


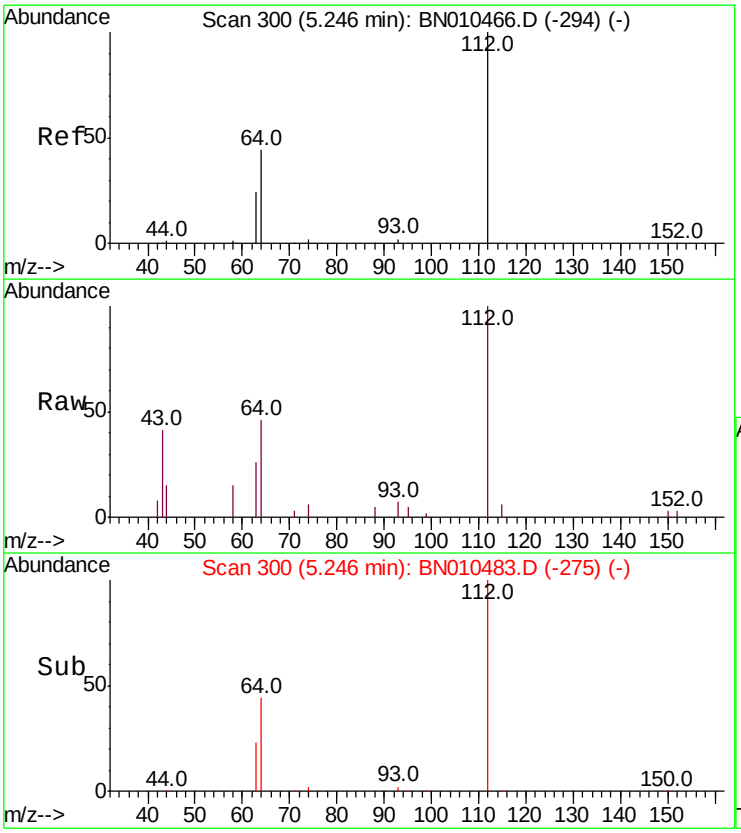
#3
n-Nitrosodimethylamine
Concen: 0.570 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.02 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion: 42 Resp: 1160

Ion	Ratio	Lower	Upper
42	100		
74	175.4	162.2	243.4
44	9.6	2.4	3.6#

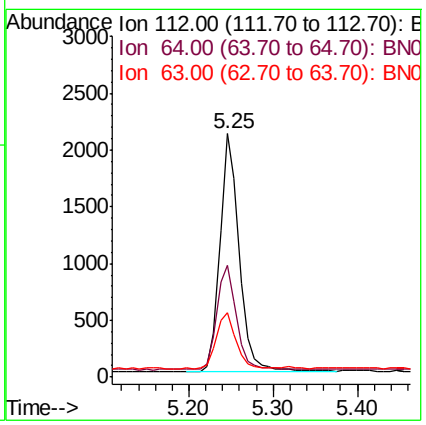


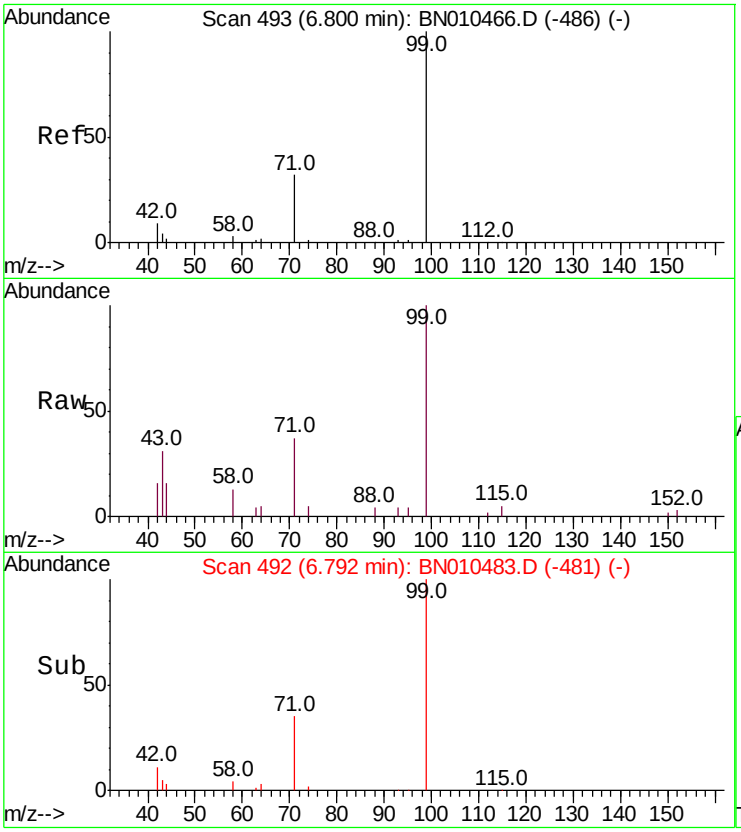


#4
2-Fluorophenol
Concen: 0.351 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:112 Resp: 3280

Ion	Ratio	Lower	Upper
112	100		
64	44.9	35.8	53.8
63	24.2	19.9	29.9



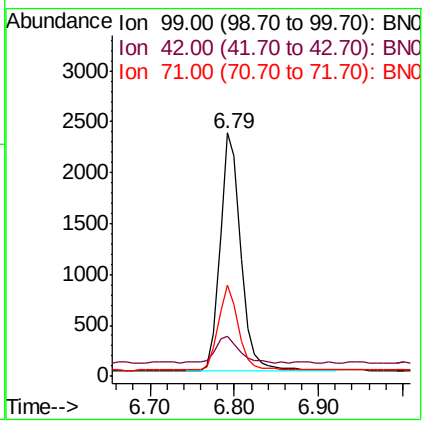


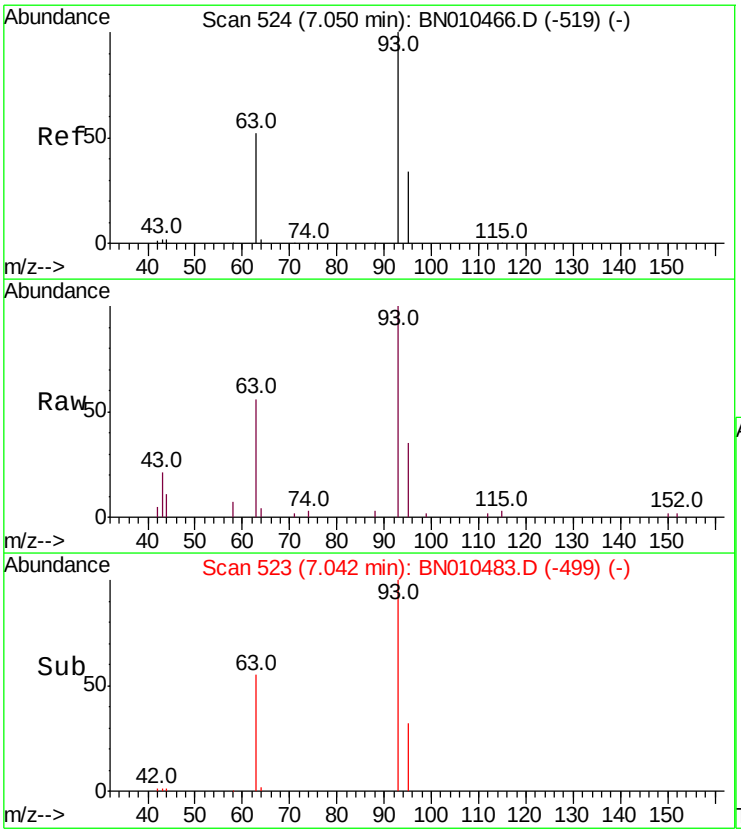
#5
Phenol-d6
Concen: 0.328 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion: 99 Resp: 4004

Ion	Ratio	Lower	Upper
99	100		
42	13.0	9.8	14.6
71	34.2	27.8	41.8

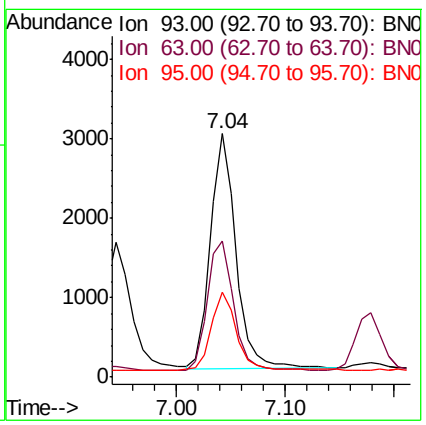


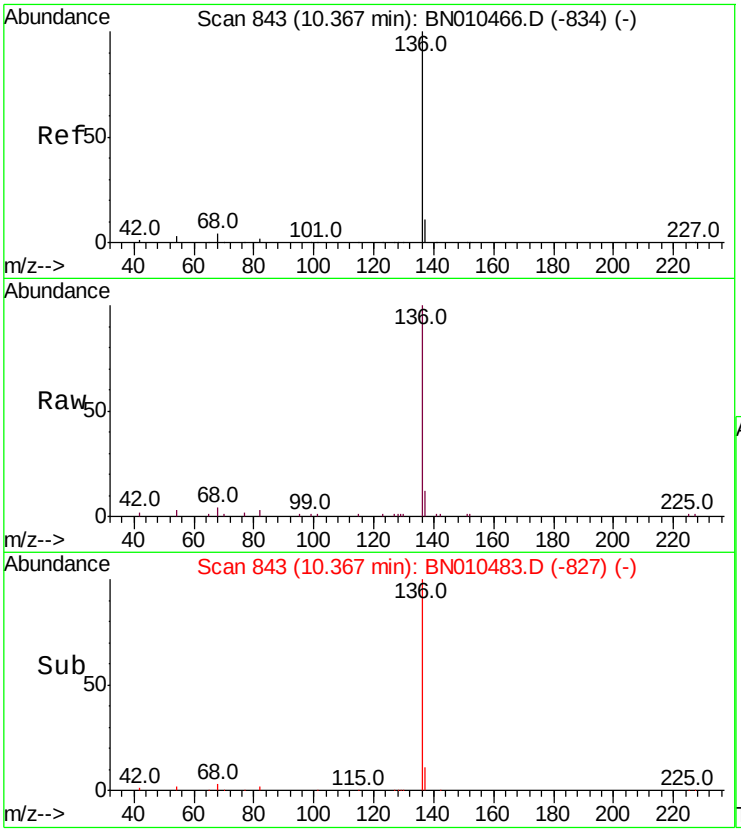


#6
bis(2-Chloroethyl)ether
Concen: 0.460 ng
RT: 7.04 min Scan# 523
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion: 93 Resp: 4863

Ion	Ratio	Lower	Upper
93	100		
63	56.9	44.6	66.8
95	33.3	26.5	39.7



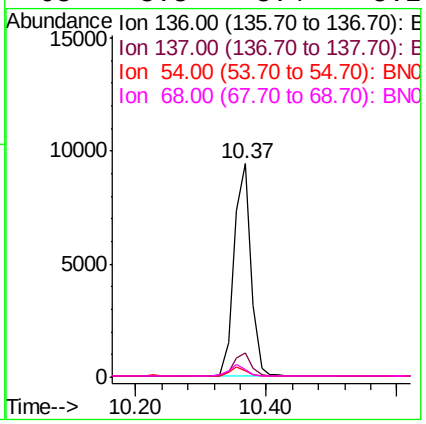


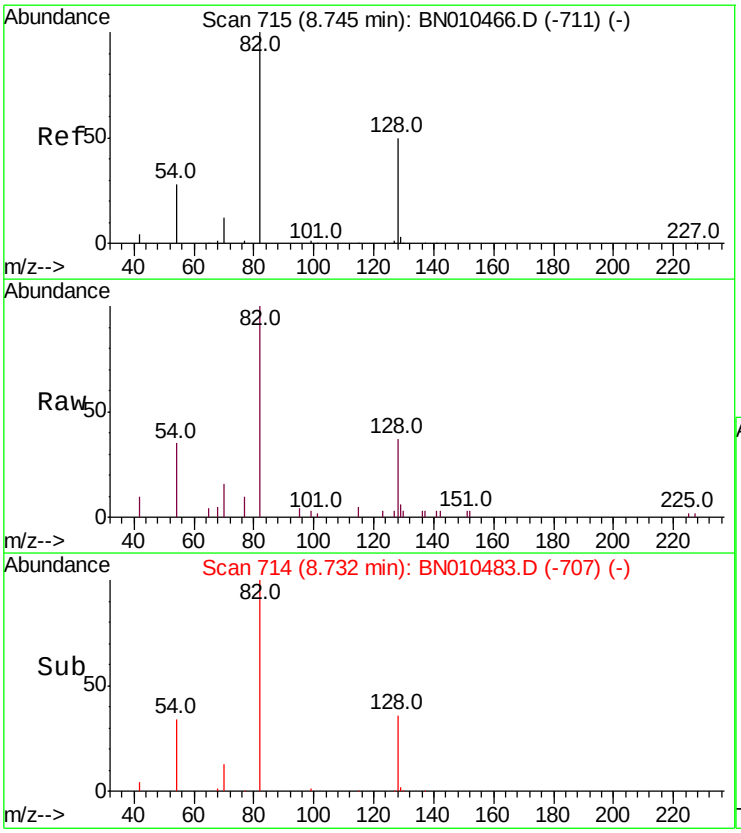
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:136 Resp: 16689

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	3.0	2.6	4.0
68	3.8	3.4	5.2

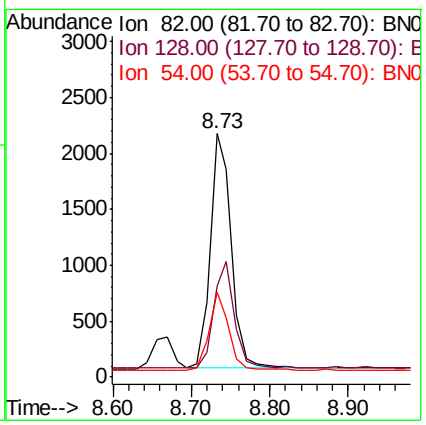


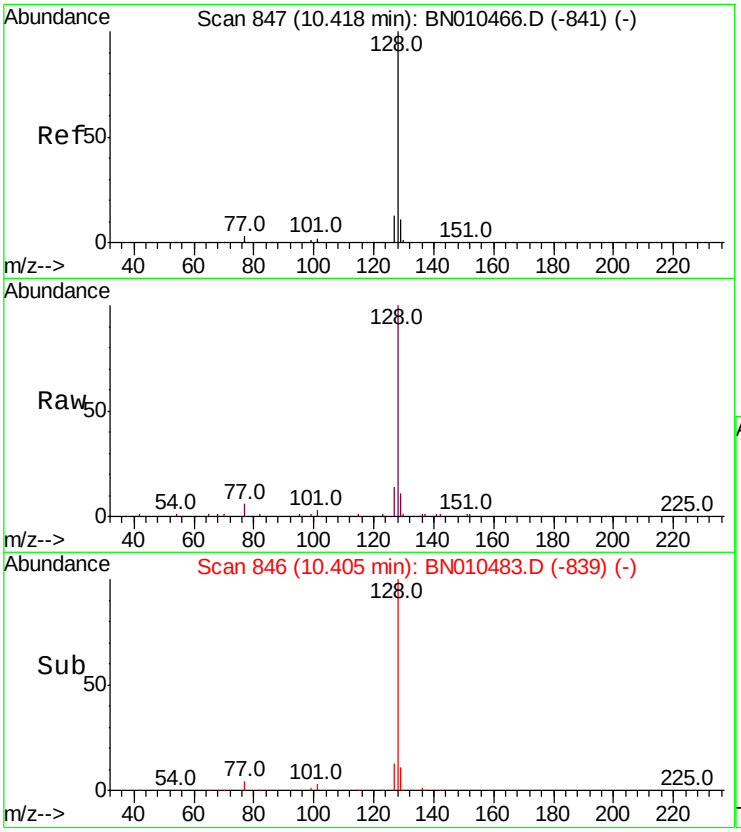


#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion: 82 Resp: 3916

Ion	Ratio	Lower	Upper
82	100		
128	37.5	41.3	61.9#
54	34.8	23.4	35.0



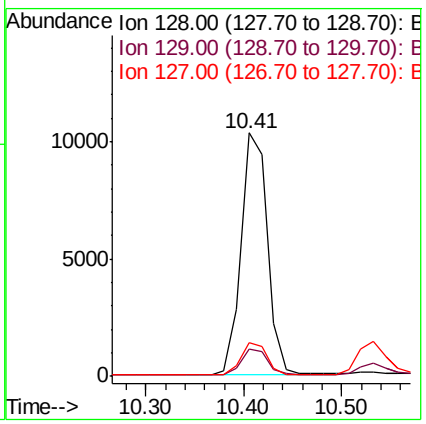


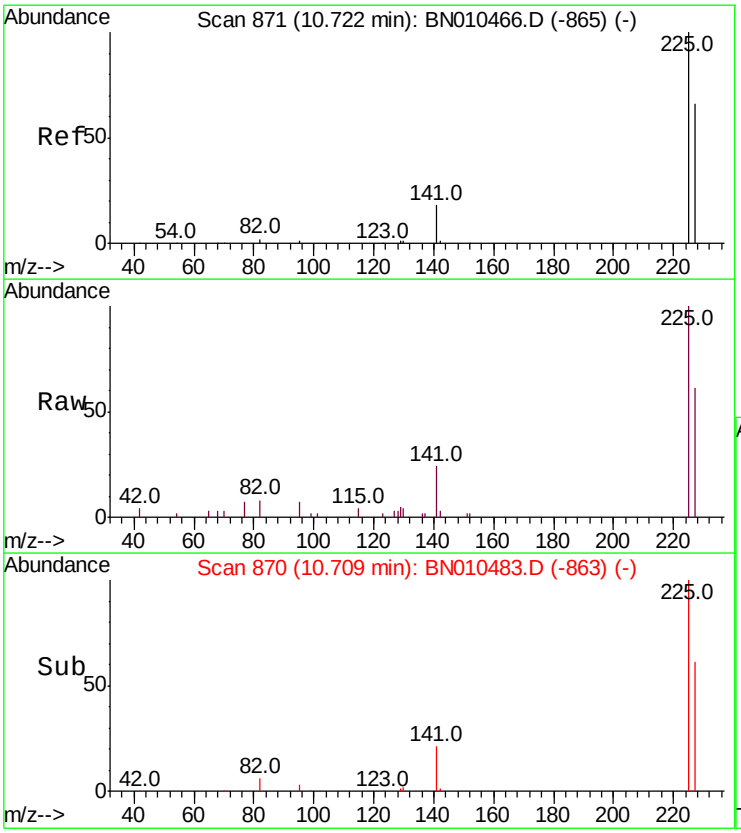
#9
Naphthalene
Concen: 0.463 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:128 Resp: 19186

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	14.0	10.5	15.7

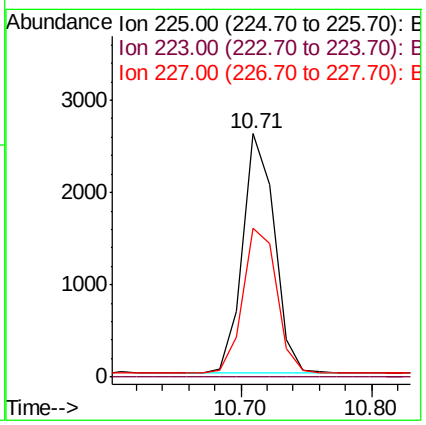


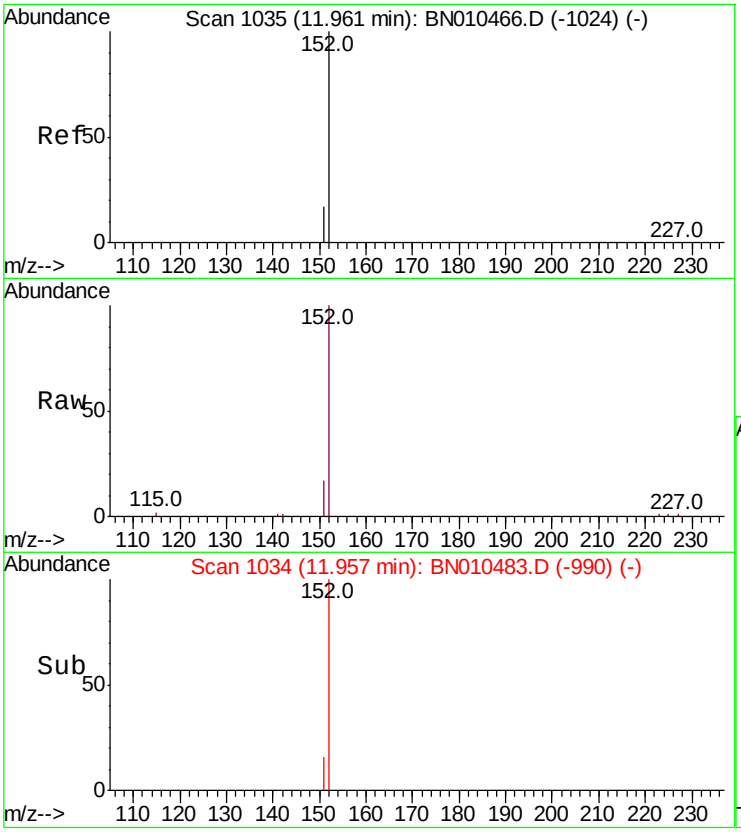


#10
Hexachlorobutadiene
Concen: 0.435 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:225 Resp: 4345

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.6	76.0



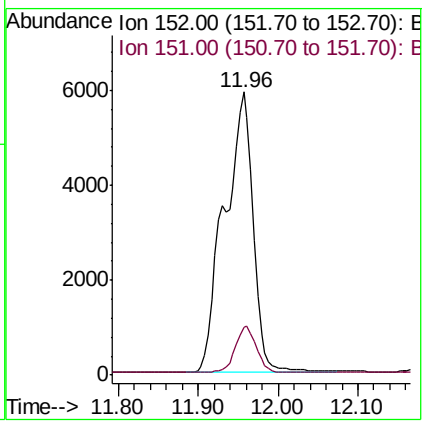


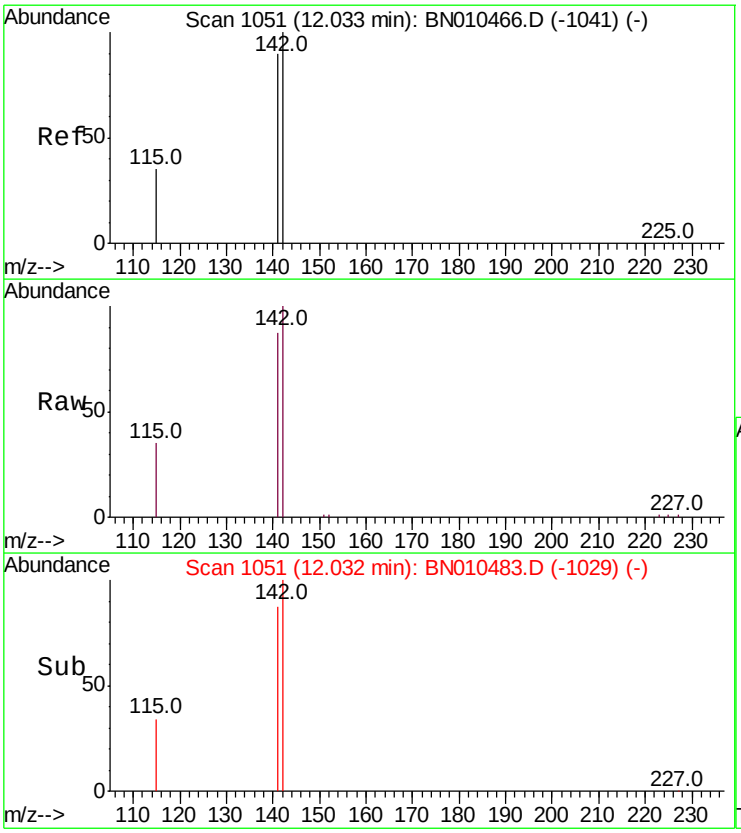
#11
2-Methylnaphthalene-d10
Concen: 0.537 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:152 Resp: 14745

Ion	Ratio	Lower	Upper
152	100		
151	12.3	15.3	22.9#

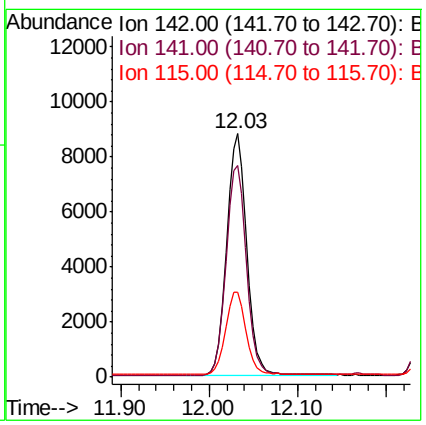


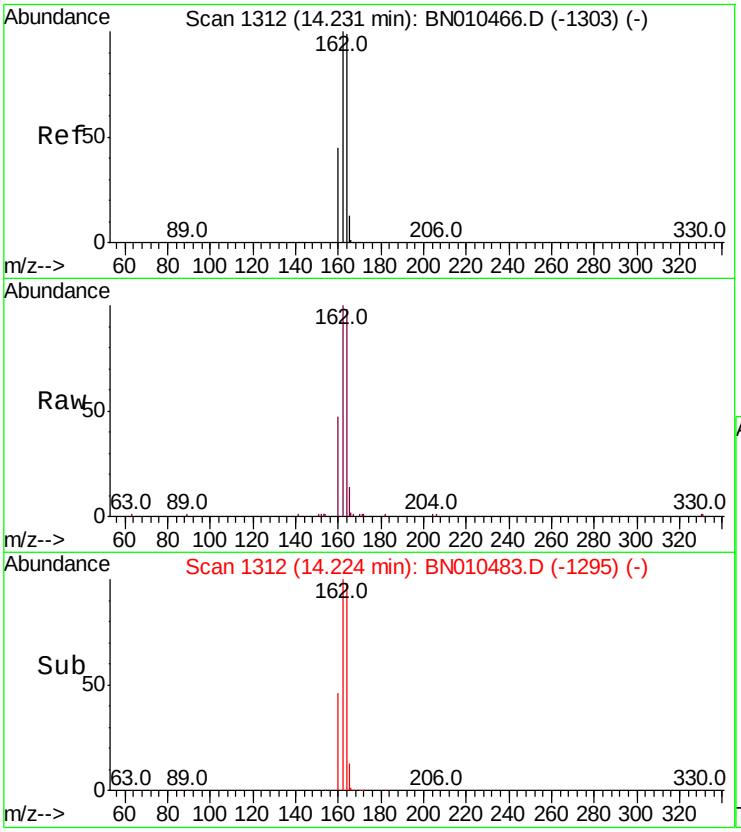


#12
2-Methylnaphthalene
Concen: 0.471 ng
RT: 12.03 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:142 Resp: 14037

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.9	107.9
115	34.7	28.8	43.2



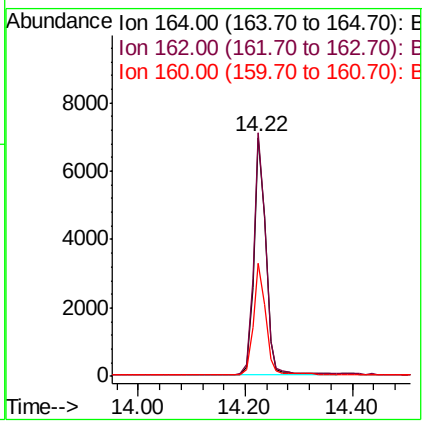


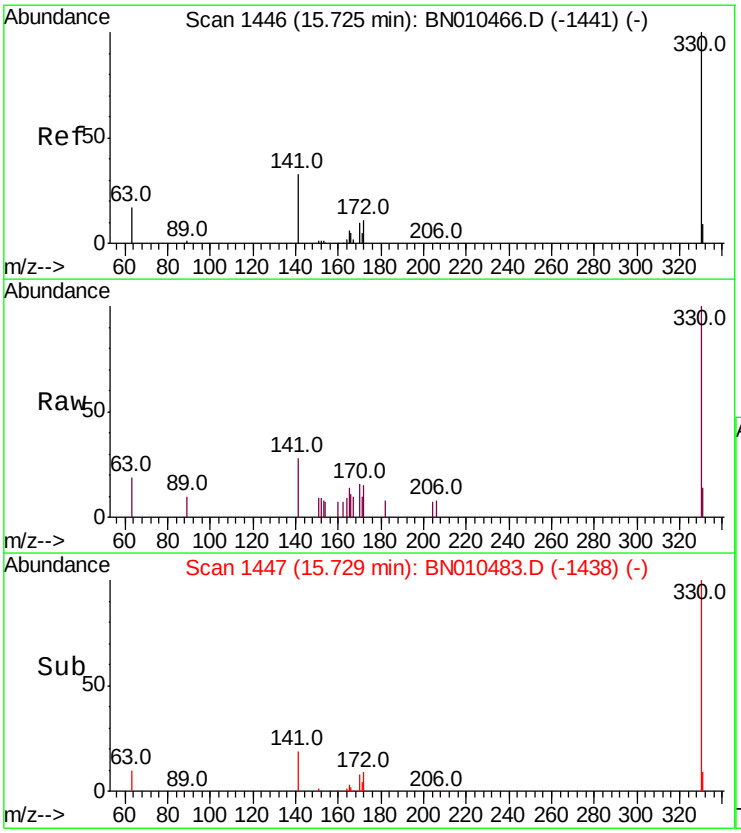
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:164 Resp: 10589

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	121.0
160	47.5	36.5	54.7

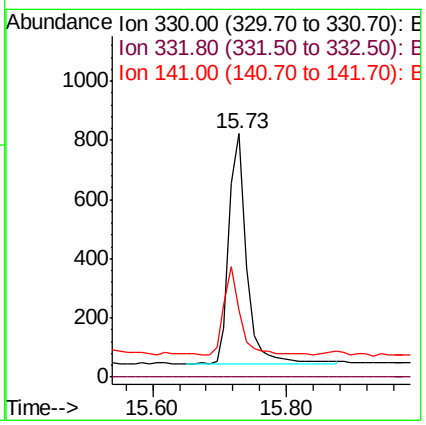


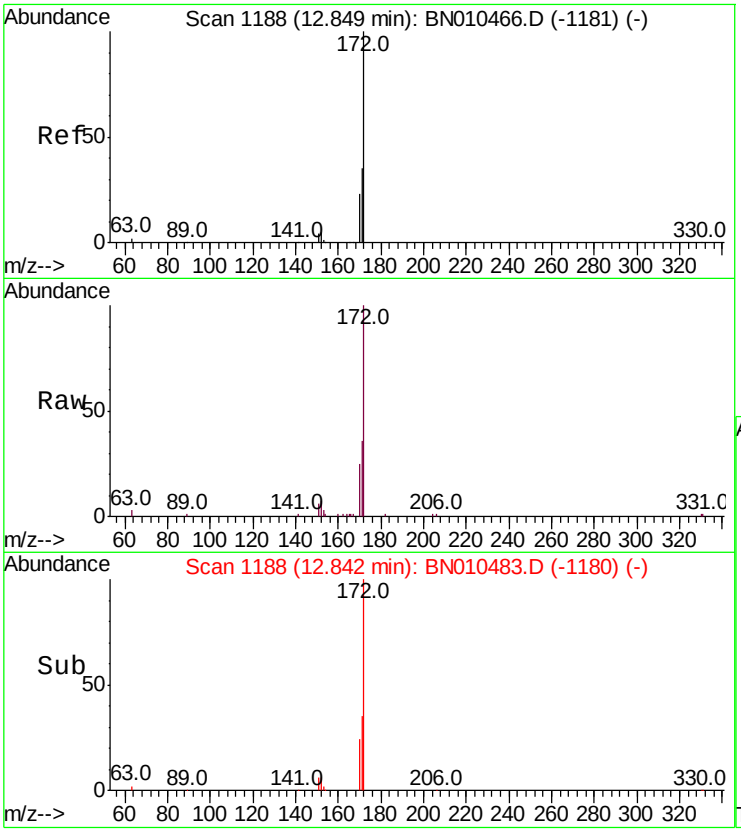


#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:330 Resp: 1400

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.6	28.1	42.1



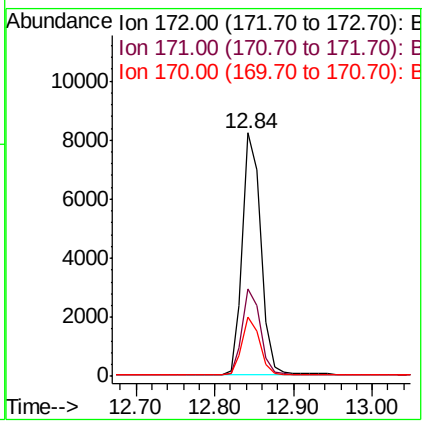


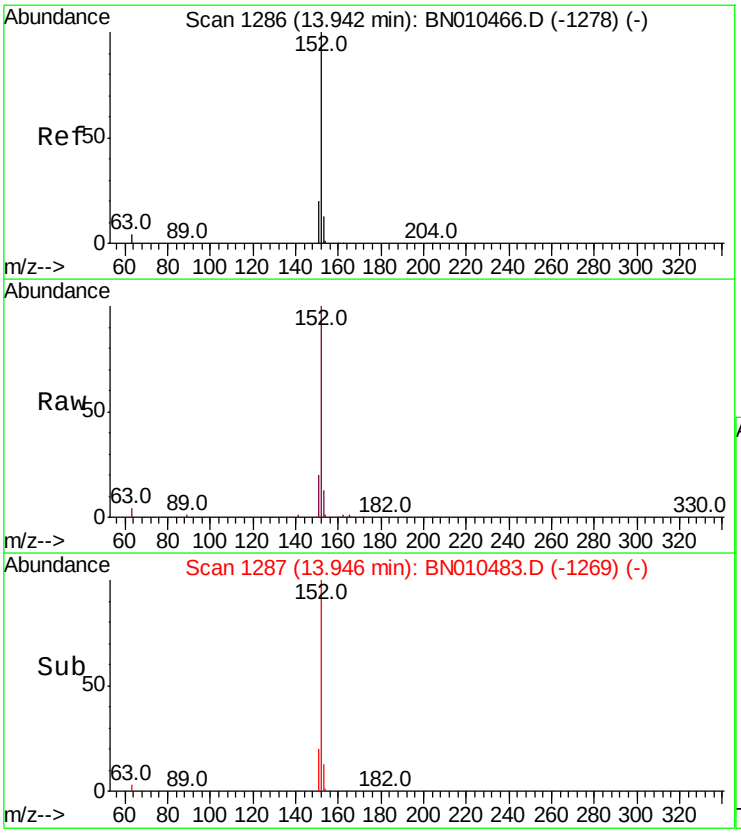
#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:172 Resp: 13410

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	24.5	18.4	27.6

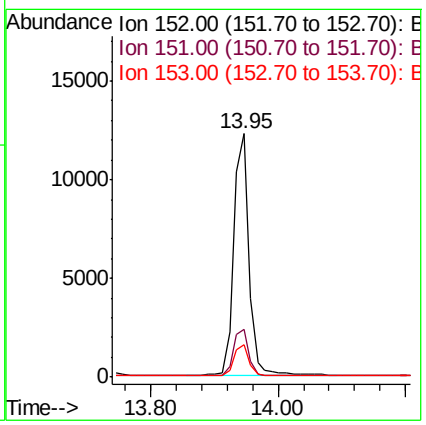


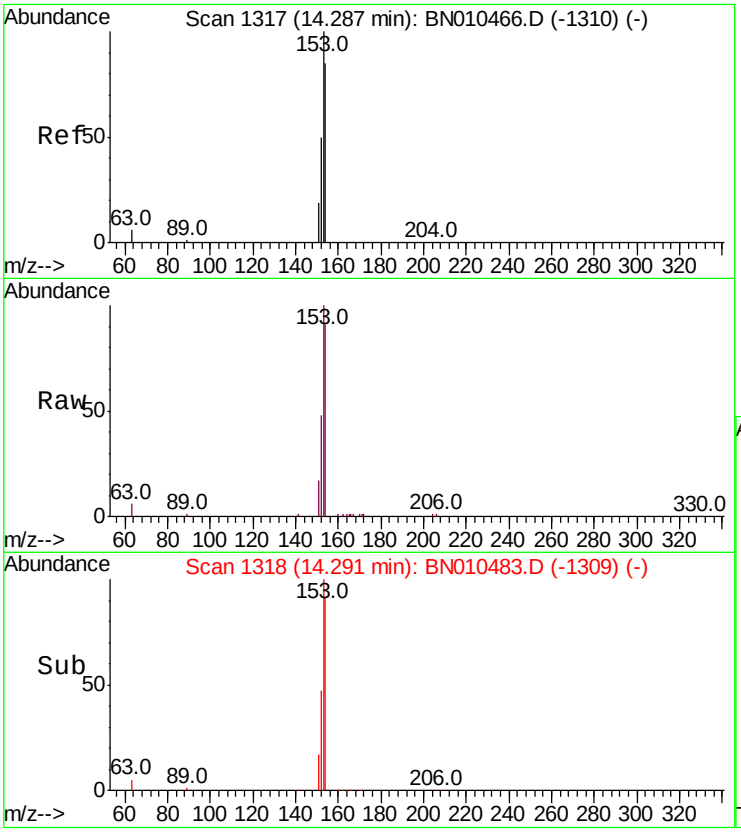


#16
Acenaphthylene
Concen: 0.453 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:152 Resp: 20739

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.2	10.6	15.8



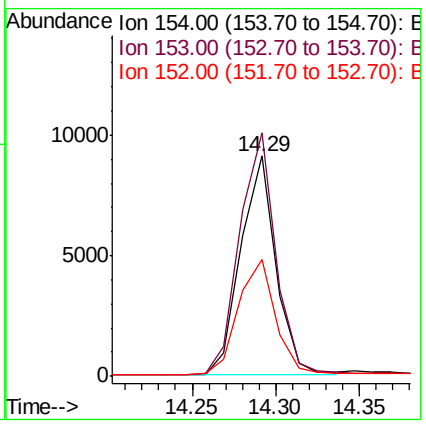


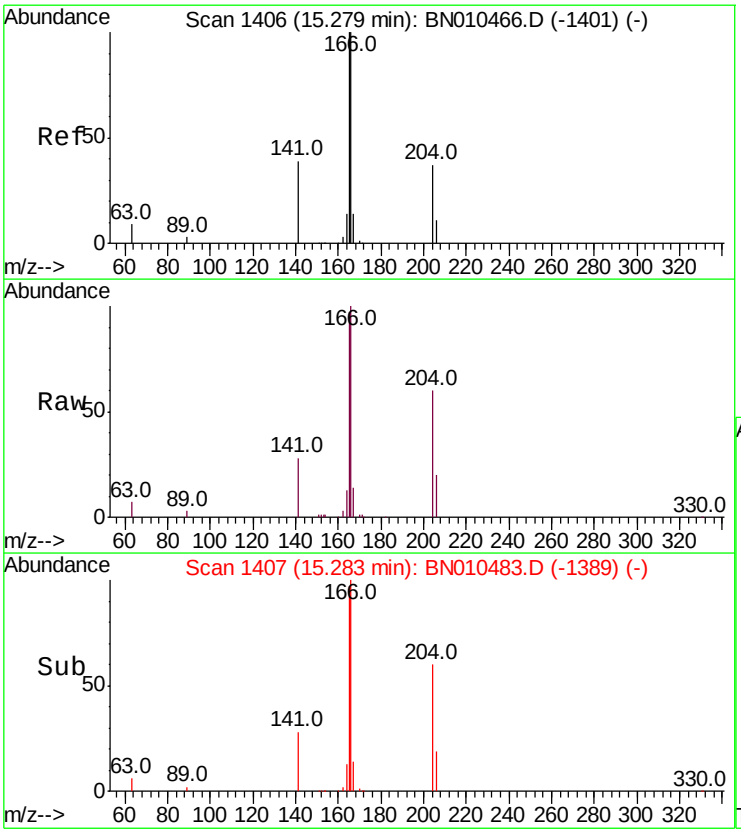
#17
Acenaphthene
Concen: 0.451 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:154 Resp: 13246

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.0	136.4
152	56.2	44.6	67.0

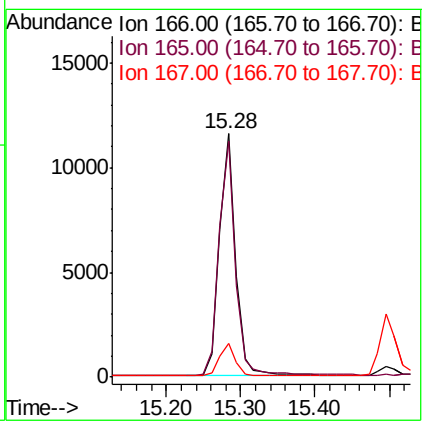


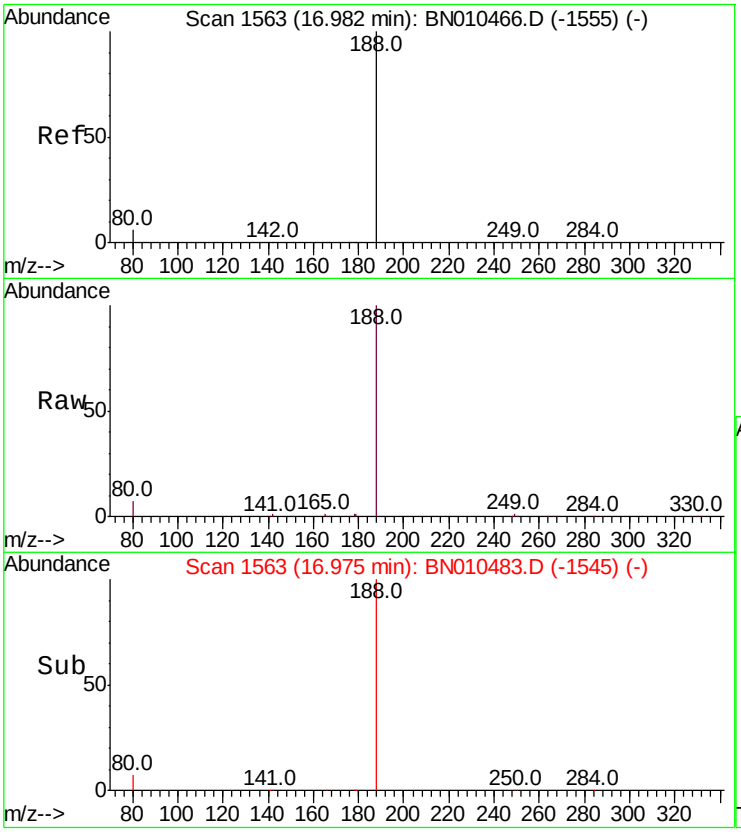


#18
Fluorene
Concen: 0.457 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:166 Resp: 17579

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.4	117.6
167	13.8	10.9	16.3



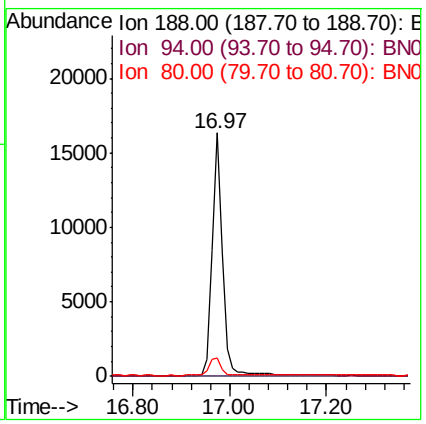


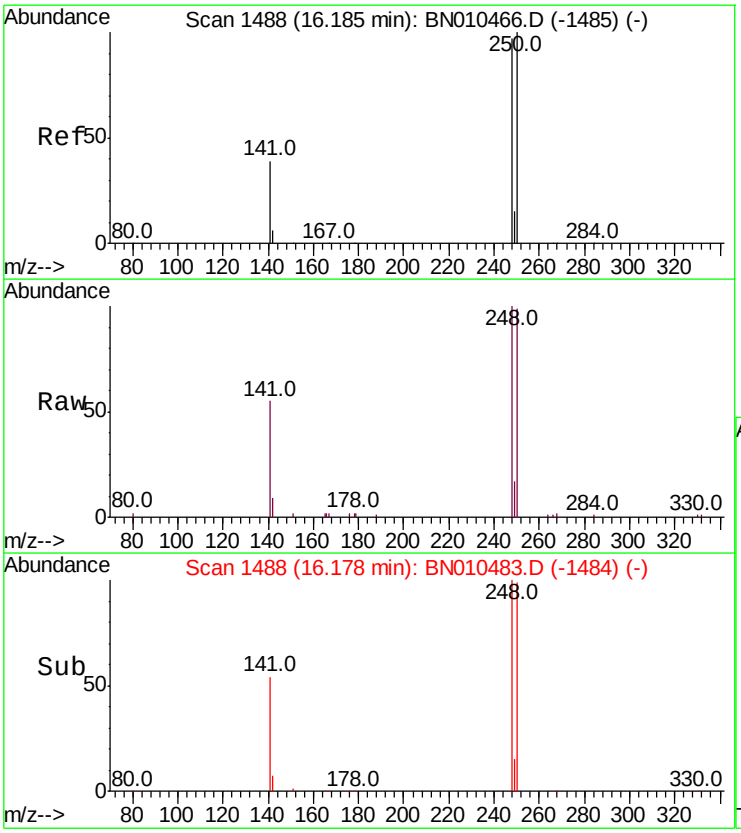
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:188 Resp: 24254

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	5.0	7.6

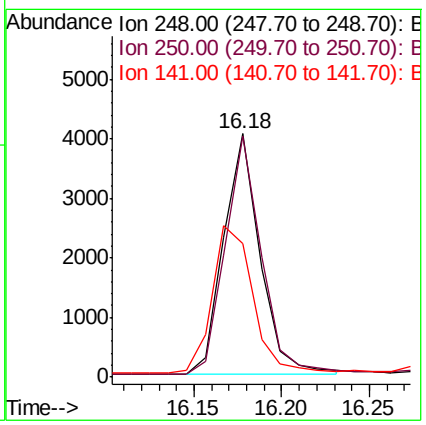


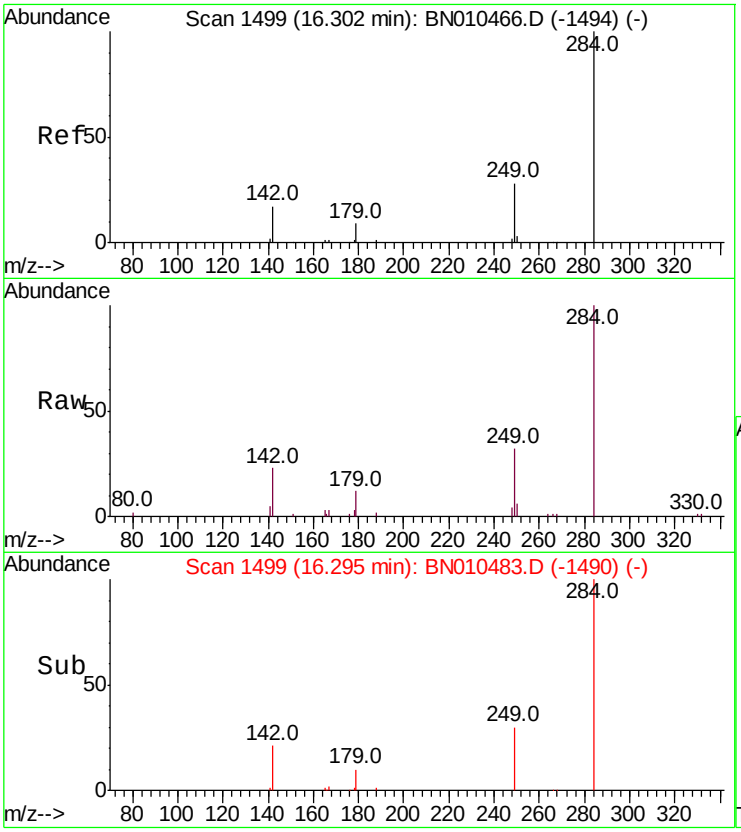


#20
4-Bromophenyl-phenylether
Concen: 0.427 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:248 Resp: 5749

Ion	Ratio	Lower	Upper
248	100		
250	99.3	82.3	123.5
141	54.9	35.2	52.8#



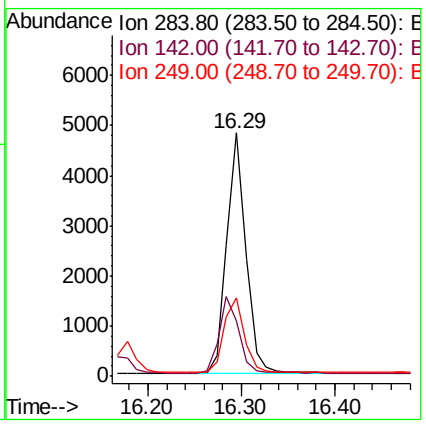


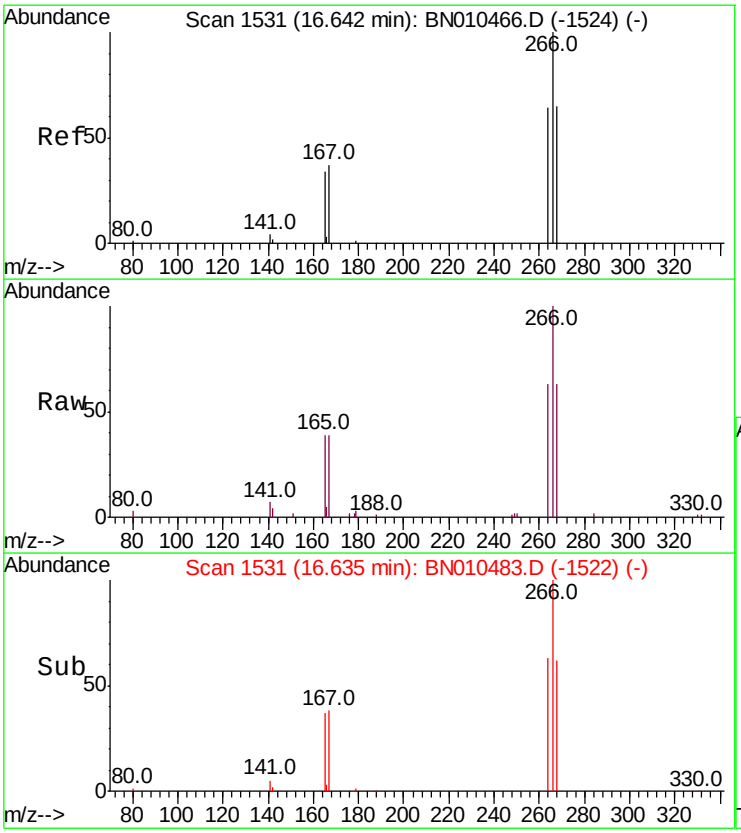
#21
Hexachlorobenzene
Concen: 0.447 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:284 Resp: 6870

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.5	38.3
249	32.8	25.8	38.6

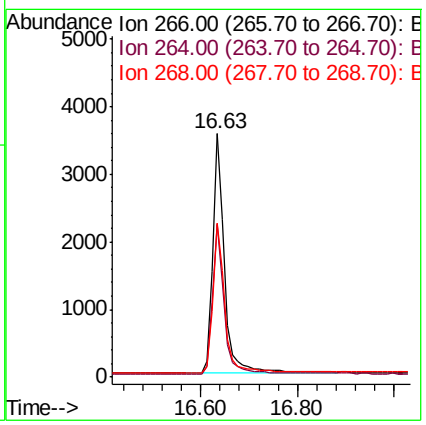


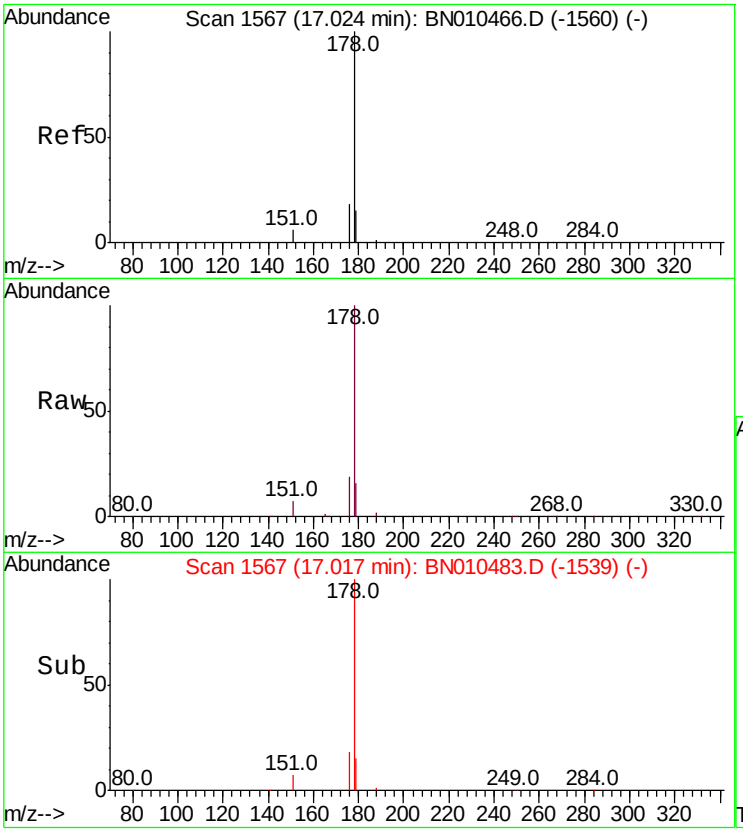


#22
Pentachlorophenol
Concen: 0.991 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:266 Resp: 5994

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.8	77.6
268	63.1	53.7	80.5



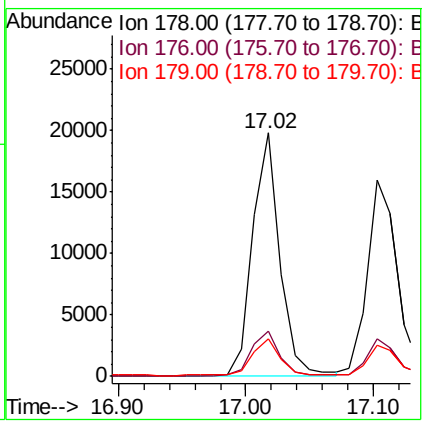


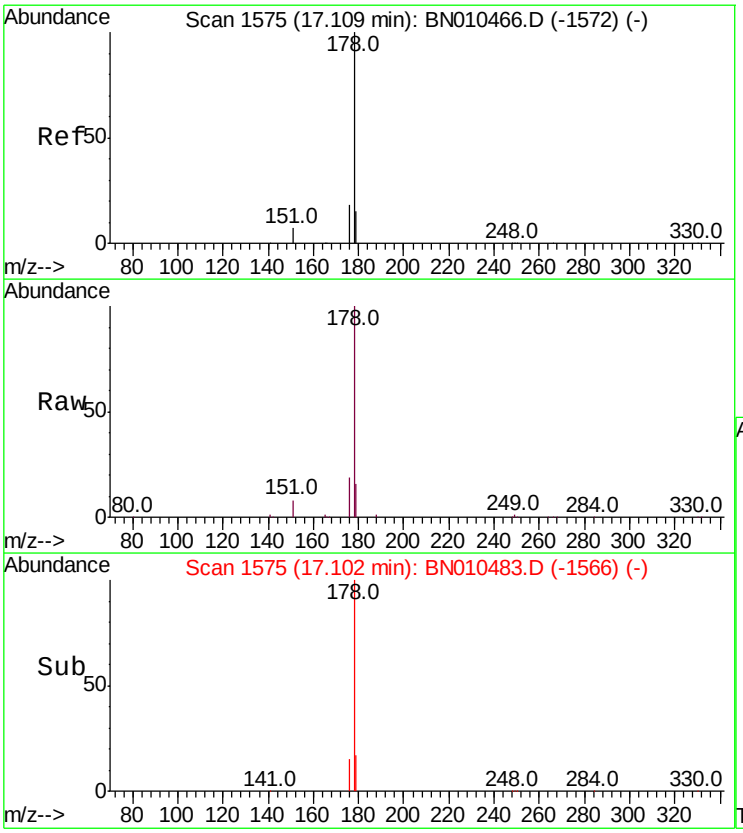
#23
Phenanthrene
Concen: 0.448 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:178 Resp: 29333

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.6	18.8

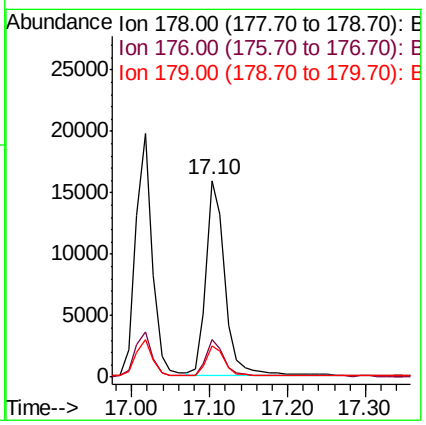


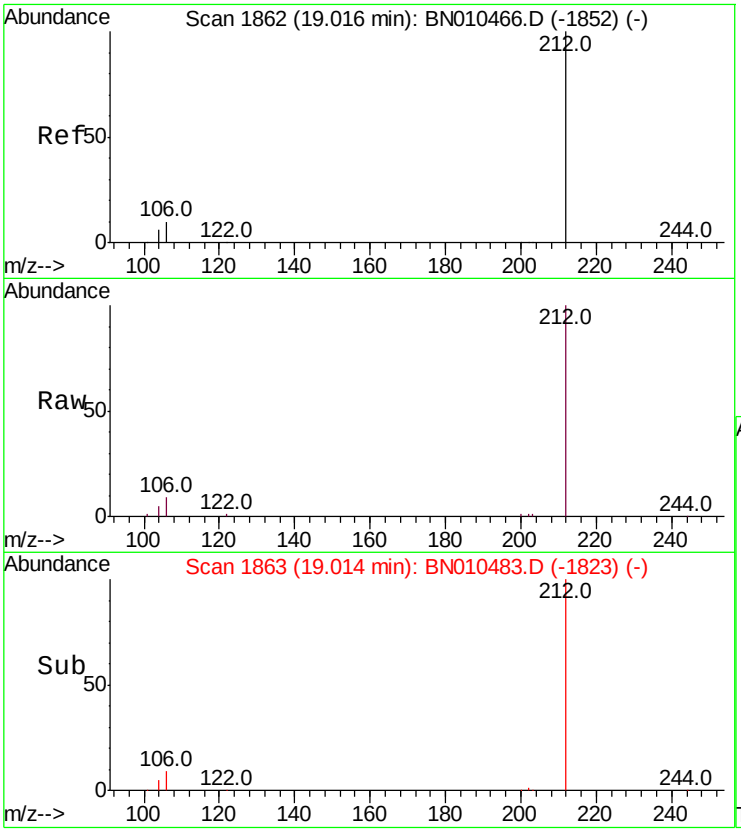


#24
Anthracene
Concen: 0.441 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:178 Resp: 26411

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.3	12.2	18.2



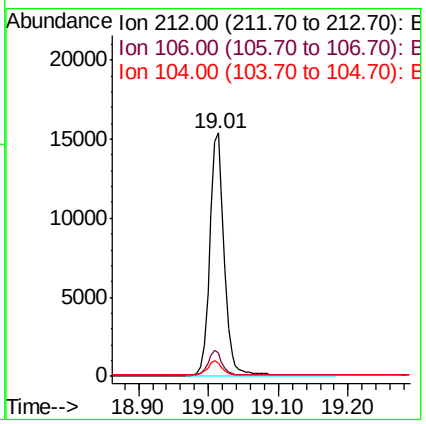


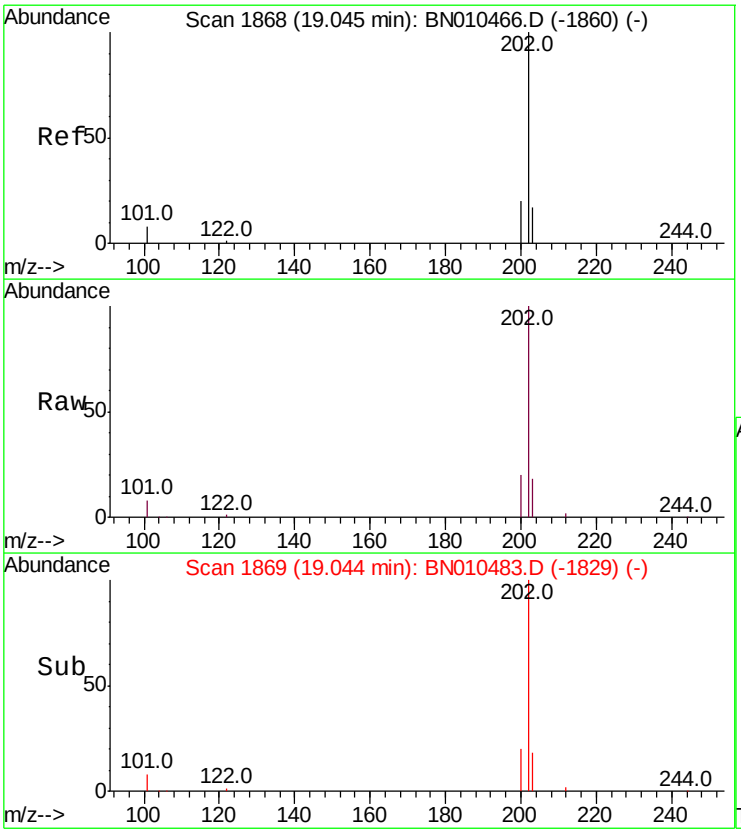
#25
Fluoranthene-d10
Concen: 0.300 ng
RT: 19.01 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:212 Resp: 22086

Ion	Ratio	Lower	Upper
212	100		
106	9.8	7.8	11.6
104	5.5	4.5	6.7

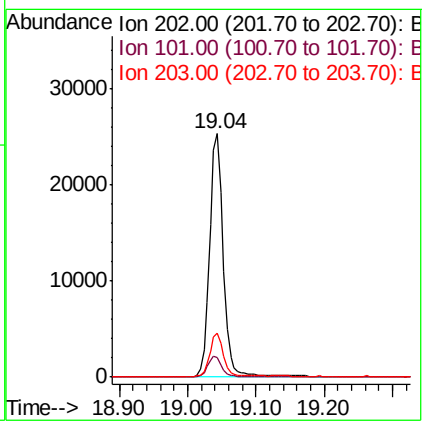


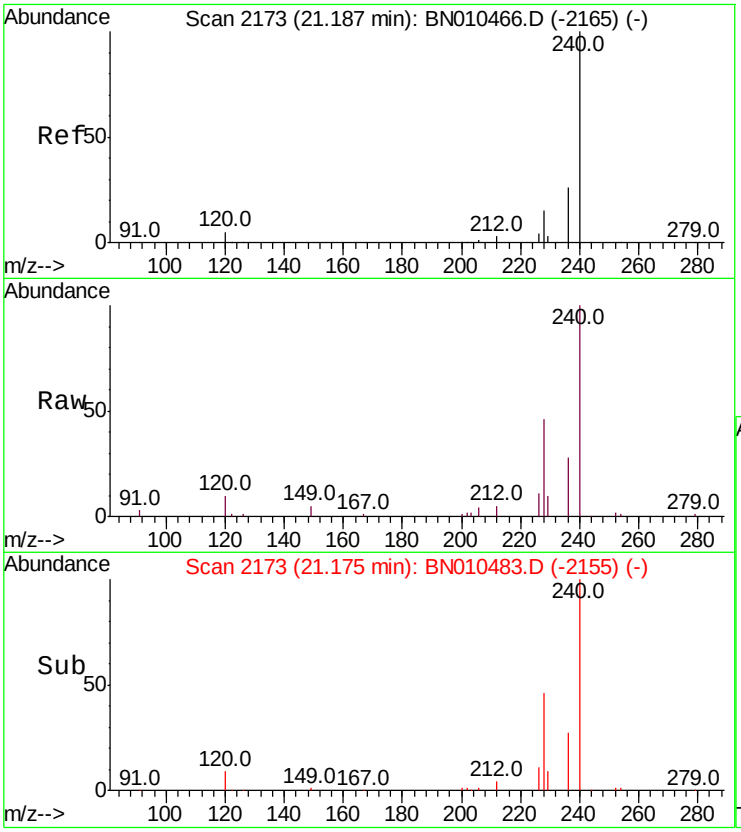


#26
Fluoranthene
Concen: 0.429 ng
RT: 19.04 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:202 Resp: 35006

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.9	10.3
203	17.6	13.9	20.9



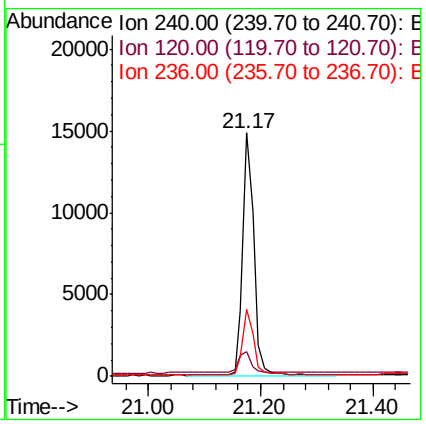


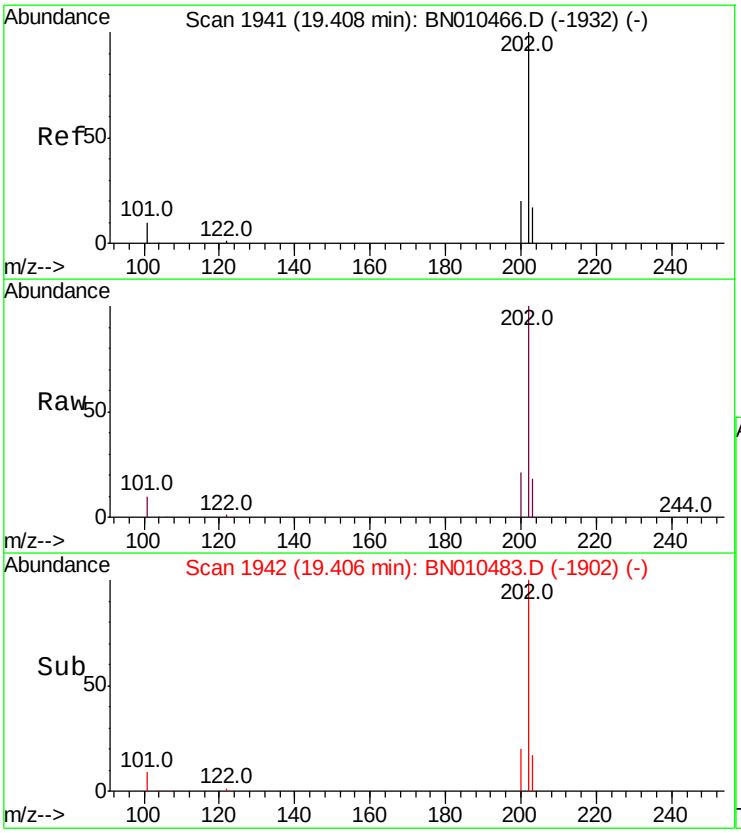
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:240 Resp: 20511

Ion	Ratio	Lower	Upper
240	100		
120	10.1	4.8	7.2#
236	27.5	21.4	32.0

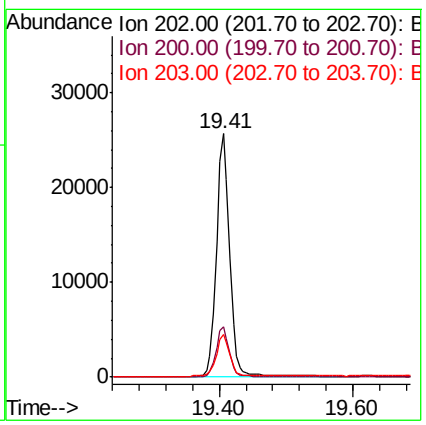


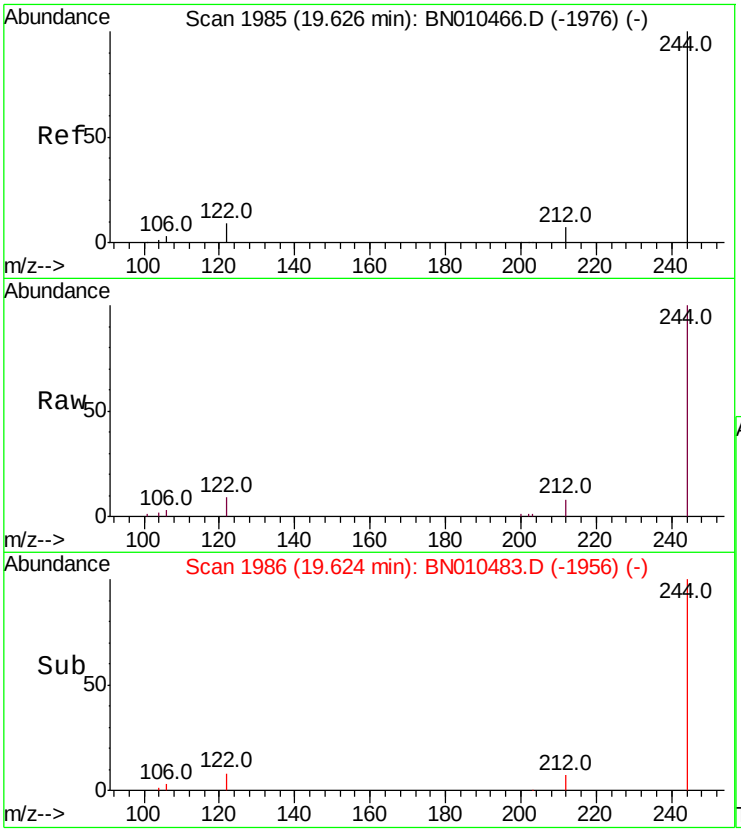


#28
Pyrene
Concen: 0.505 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:202 Resp: 34874

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.8	14.0	21.0



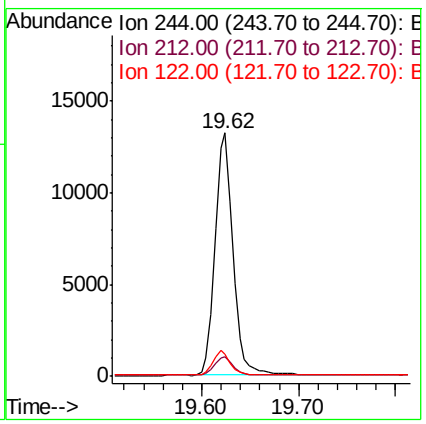


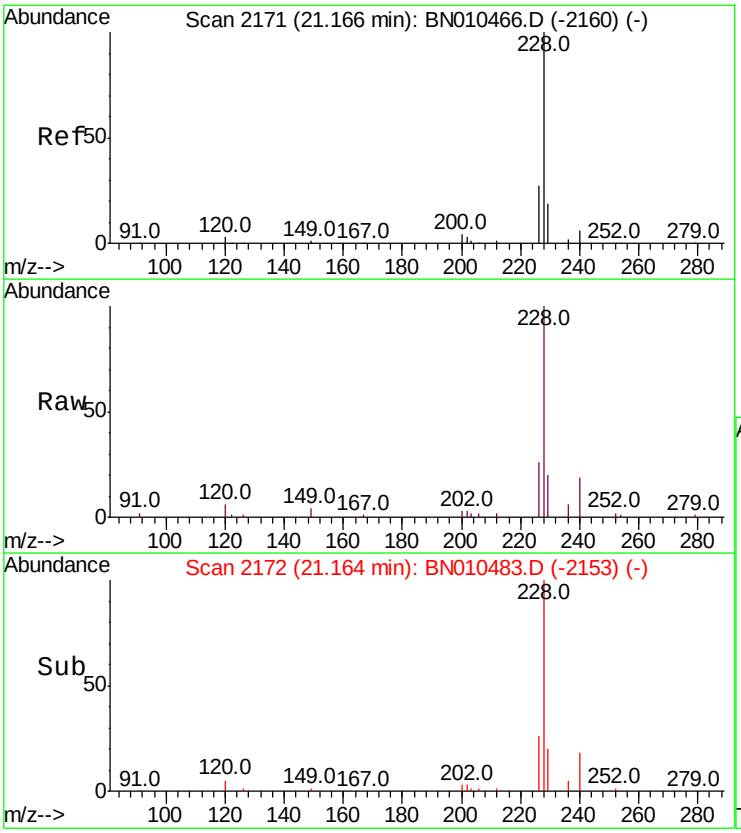
#29
Terphenyl-d14
Concen: 0.366 ng
RT: 19.62 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:244 Resp: 17185

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.4
122	9.0	7.8	11.8

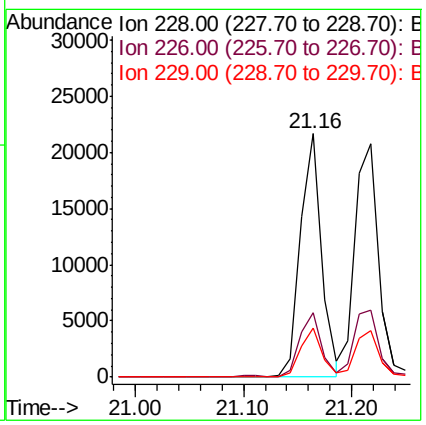


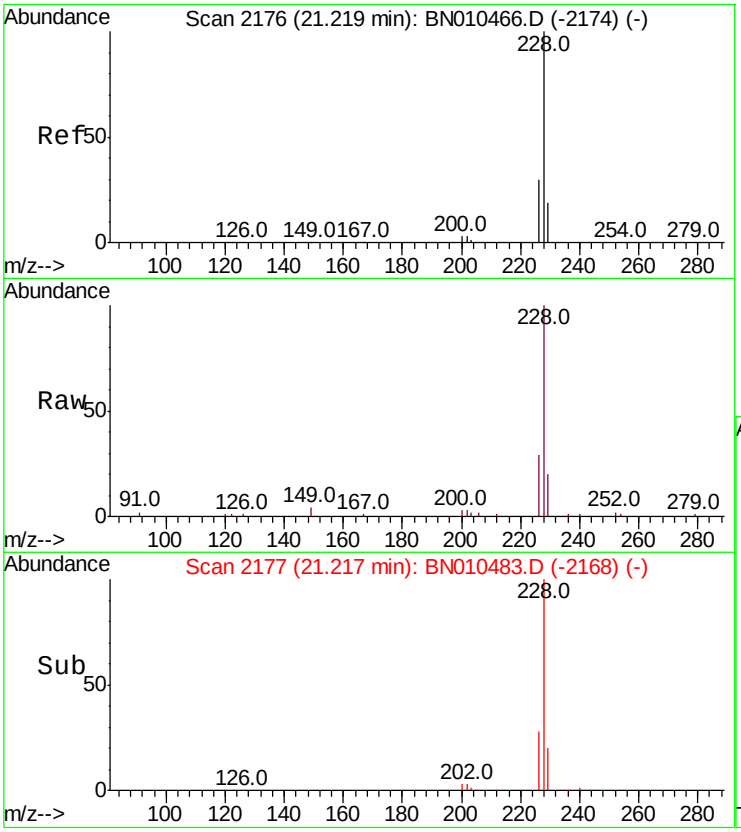


#30
Benzo(a)anthracene
Concen: 0.435 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:228 Resp: 29121

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.7	32.5
229	20.1	15.6	23.4



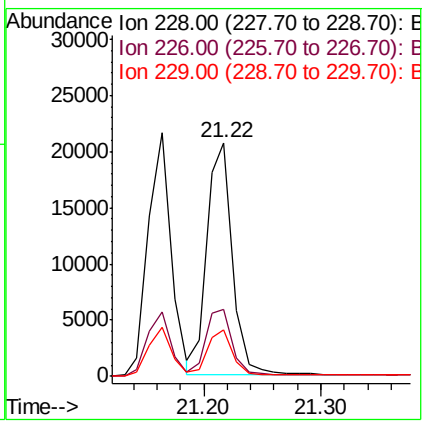


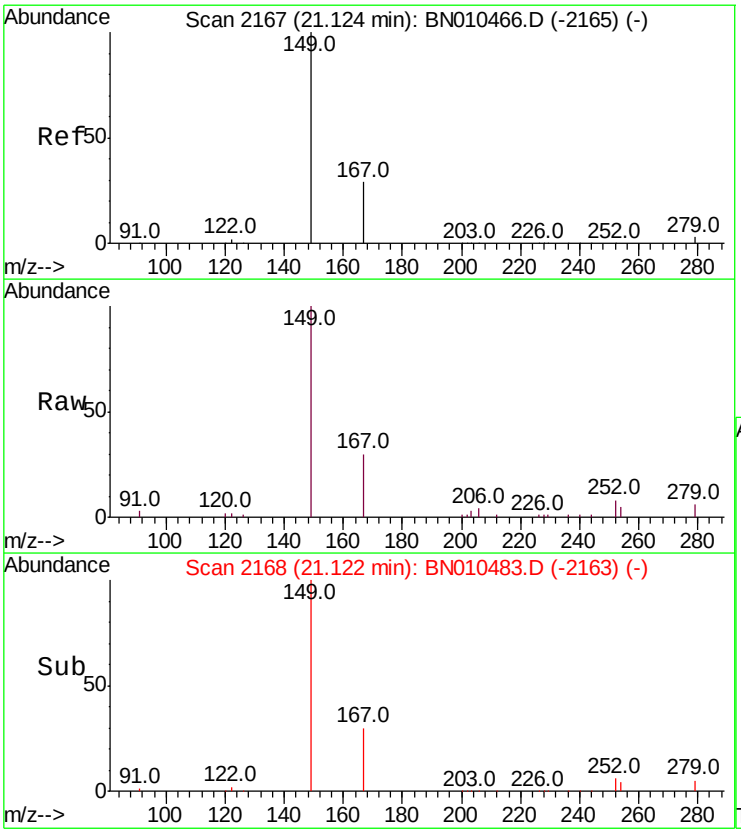
#31
Chrysene
Concen: 0.472 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:228 Resp: 31444

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	20.1	15.8	23.6

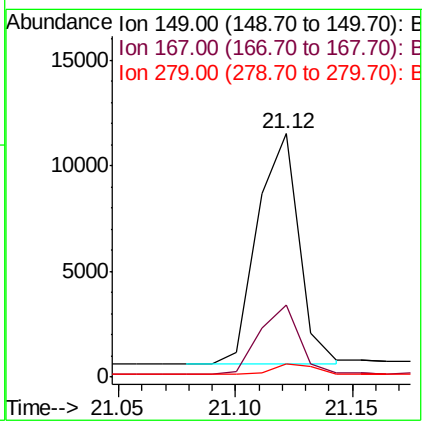


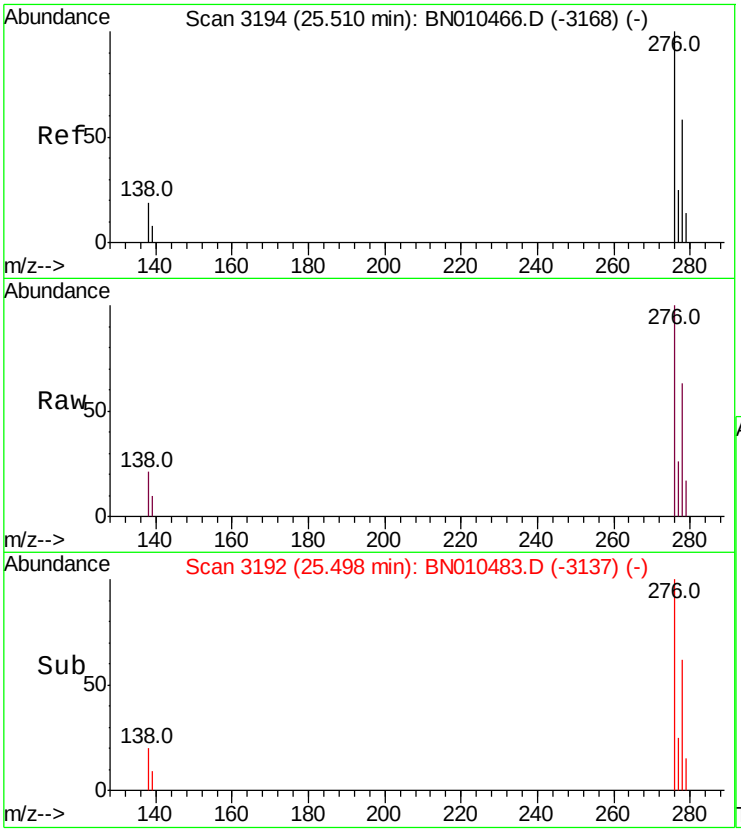


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.391 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:149 Resp: 13428

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	4.4	4.0	6.0



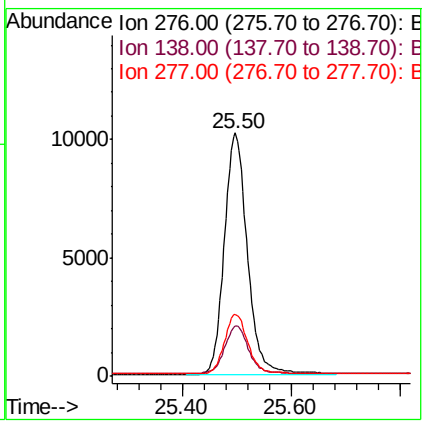


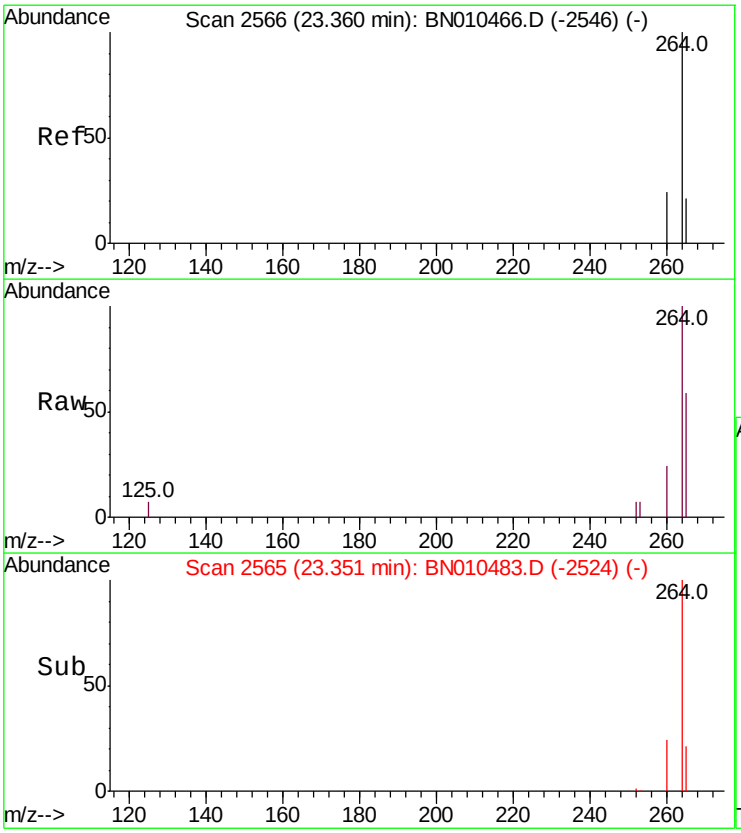
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.509 ng
RT: 25.50 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:276 Resp: 30022

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.4	24.6
277	24.9	19.8	29.6

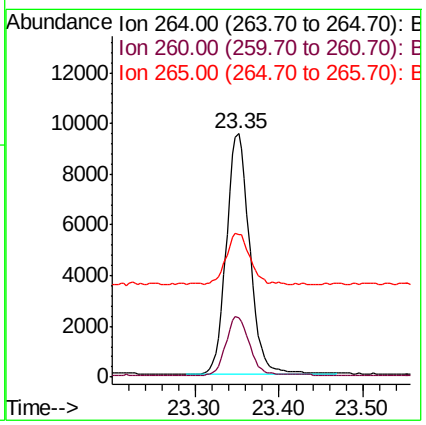


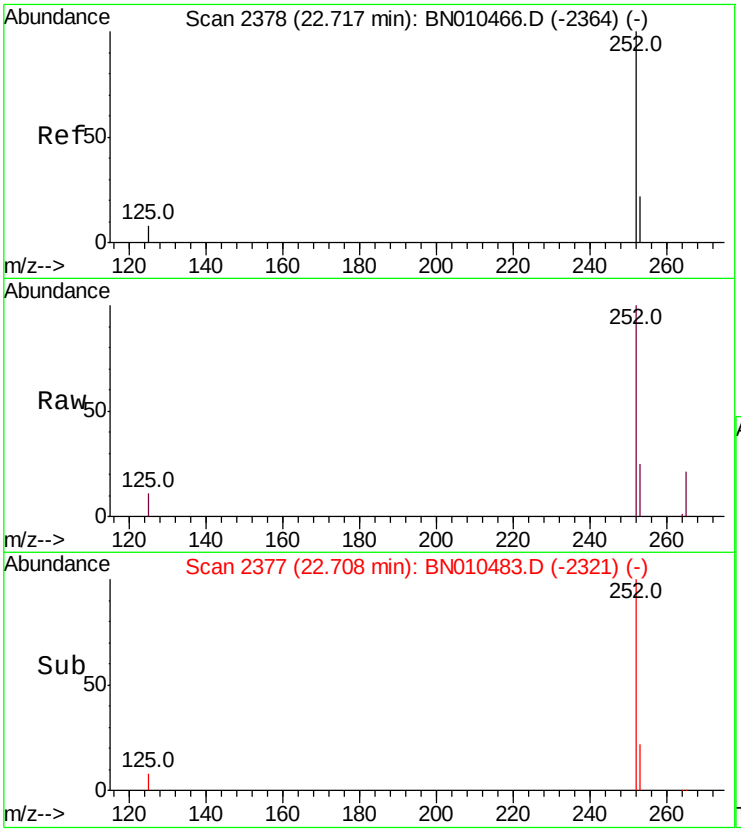


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:264 Resp: 18401

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	58.7	42.3	63.5



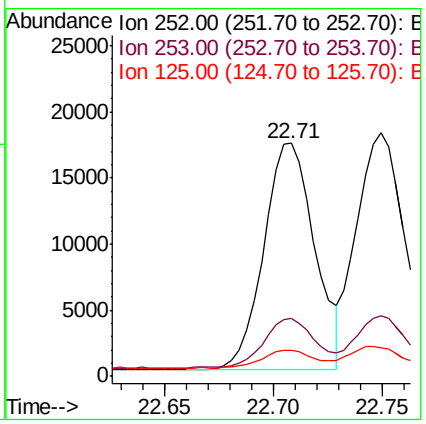


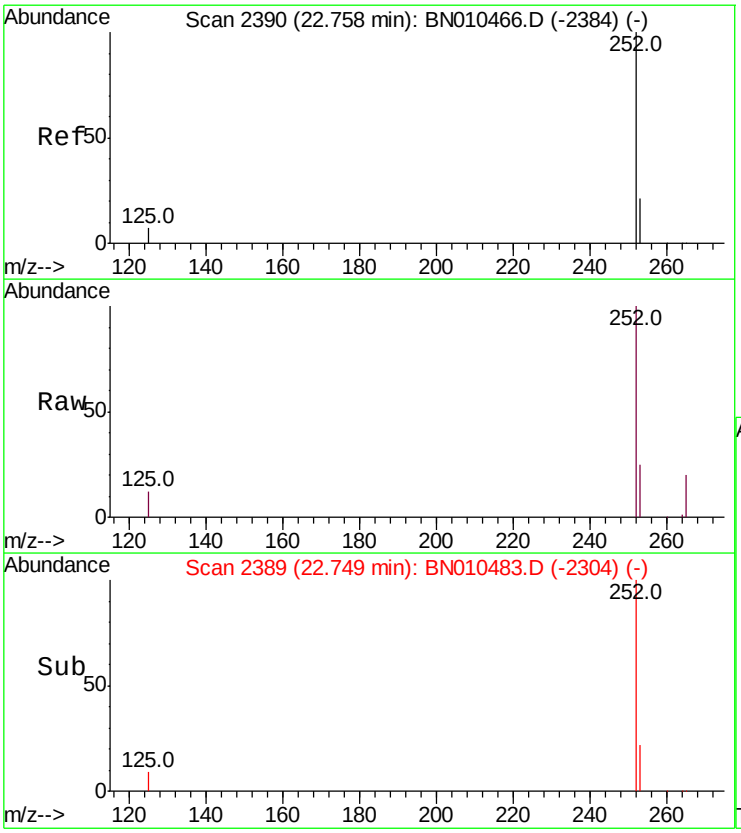
#35
Benzo(b)fluoranthene
Concen: 0.458 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:252 Resp: 27756

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.2	30.4
125	11.2	9.2	13.8

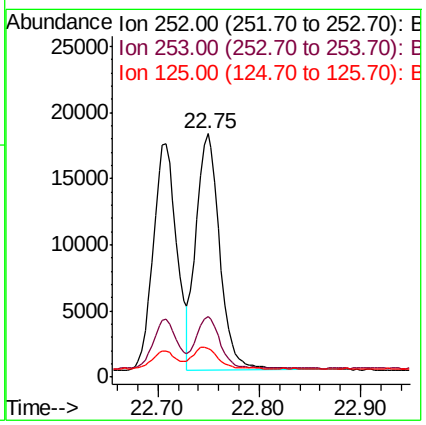


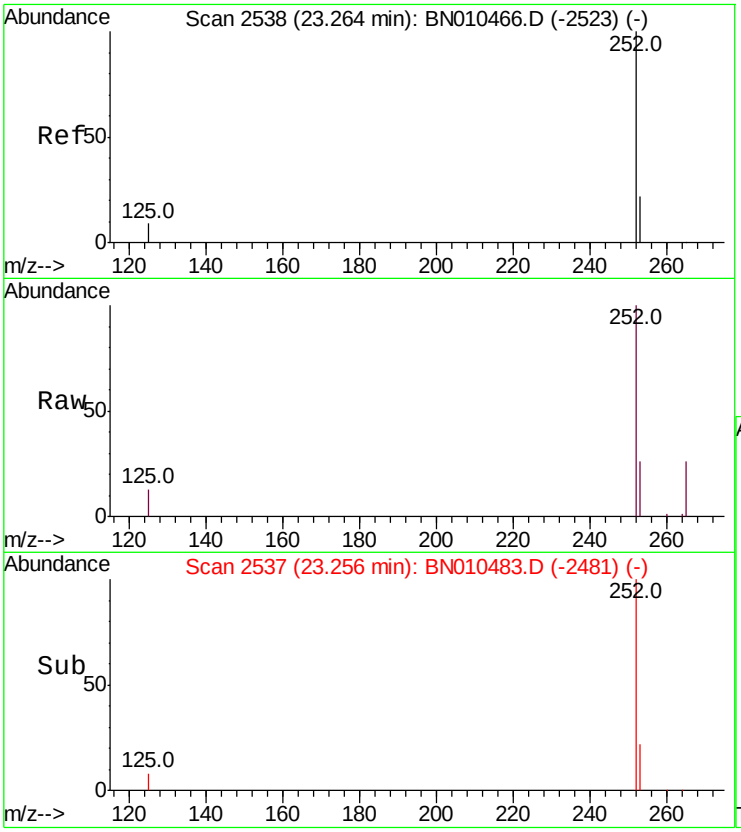


#36
Benzo(k)fluoranthene
Concen: 0.476 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:252 Resp: 28866

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.1	30.1
125	12.0	9.6	14.4



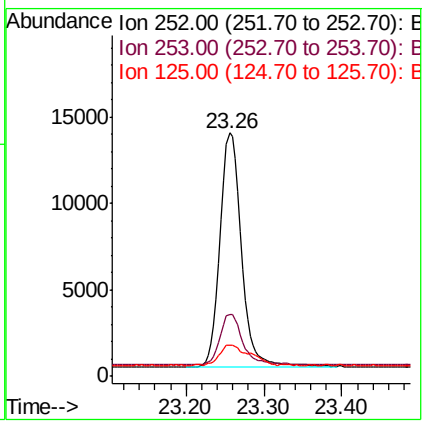


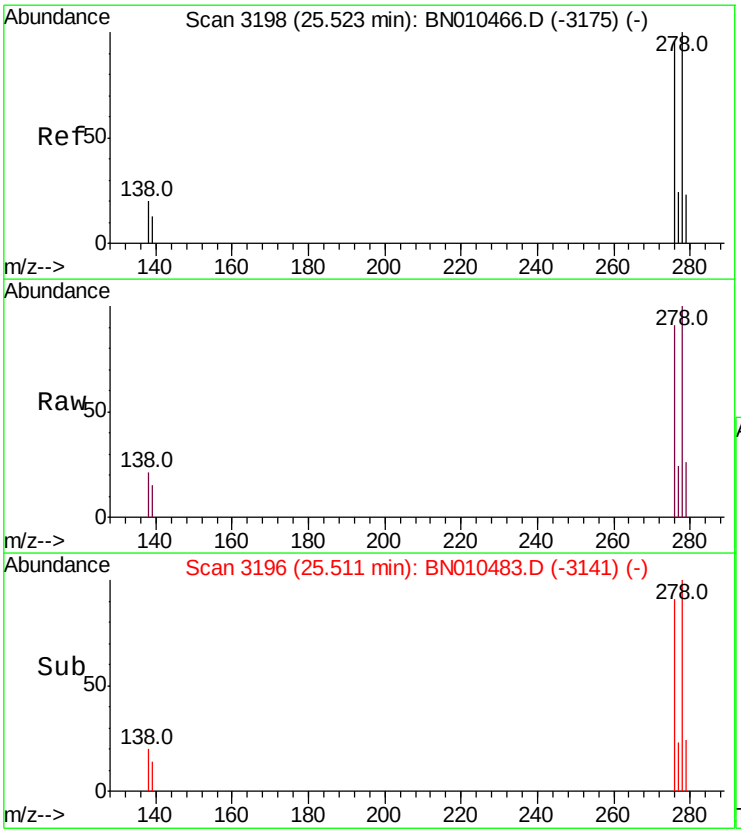
#37
Benzo(a)pyrene
Concen: 0.484 ng
RT: 23.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:252 Resp: 25962

Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.8	32.8
125	12.6	11.0	16.6

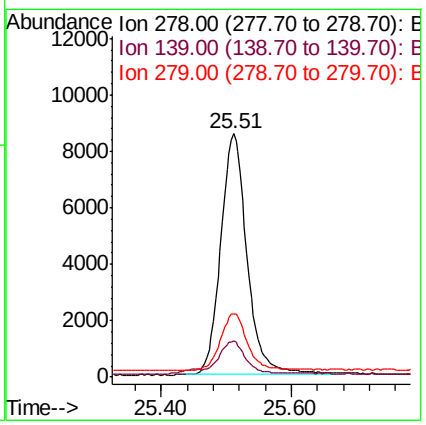


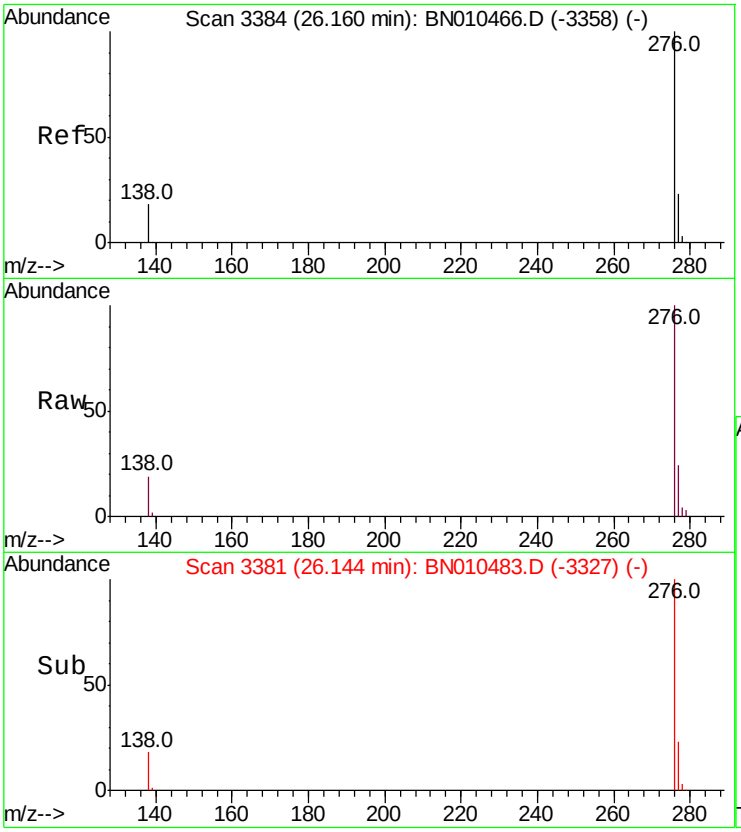


#38
Dibenzo(a,h)anthracene
Concen: 0.493 ng
RT: 25.51 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:278 Resp: 24187

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.3	18.5
279	26.2	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.512 ng
RT: 26.14 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tgt Ion:276 Resp: 25251

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.2	30.2
138	19.0	15.4	23.2