Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
Data File : BN010485.D
Acq On : 14 Apr 2020 19:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Apr 14 20:12:02 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	4234	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	16944	0.40	ng		0.00
13) Acenaphthene-d10	14.22	164	10719	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	23455	0.40	ng		0.00
27) Chrysene-d12	21.17	240	22539	0.40	ng		-0.01
34) Perylene-d12	23.35	264	18969	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3844	0.41	ng		0.00
5) Phenol-d6	6.79	99	5170	0.43	ng		0.00
8) Nitrobenzene-d5	8.73	82	5149	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	11.96	152	11281	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1957	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	17792	0.46	ng		0.00
25) Fluoranthene-d10	19.01	212	28968	0.41	ng		0.00
29) Terphenyl-d14	19.62	244	26420	0.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1444	0.463	ng	#	92
3) n-Nitrosodimethylamine	3.55	42	1037	0.513	ng	#	87
6) bis(2-Chloroethyl)ether	7.04	93	4781	0.455	ng		99
9) Naphthalene	10.41	128	18173	0.432	ng		99
10) Hexachlorobutadiene	10.71	225	4147	0.409	ng	#	99
12) 2-Methylnaphthalene	12.03	142	13247	0.438	ng		100
16) Acenaphthylene	13.95	152	19175	0.414	ng		99
17) Acenaphthene	14.29	154	12854	0.432	ng		99
18) Fluorene	15.28	166	16829	0.432	ng		100
20) 4-Bromophenyl-phenylether	16.18	248	5543	0.425	ng		96
21) Hexachlorobenzene	16.29	284	6384	0.429	ng		98
22) Pentachlorophenol	16.63	266	2413	0.412	ng		98
23) Phenanthrene	17.02	178	28085	0.443	ng		100
24) Anthracene	17.10	178	26093	0.451	ng		99
26) Fluoranthene	19.04	202	34546	0.438	ng		100
28) Pyrene	19.41	202	35528	0.468	ng		100
30) Benzo(a)anthracene	21.16	228	30581	0.416	ng		98
31) Chrysene	21.22	228	31580	0.431	ng		98
32) Bis(2-ethylhexyl)phthalate	21.12	149	15656	0.415	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	27852	0.430	ng		100
35) Benzo(b)fluoranthene	22.71	252	27333	0.438	ng		99
36) Benzo(k)fluoranthene	22.75	252	27889	0.446	ng		99
37) Benzo(a)pyrene	23.26	252	24810	0.449	ng		98
38) Dibenzo(a,h)anthracene	25.51	278	22826	0.452	ng		99
39) Benzo(g,h,i)perylene	26.15	276	23552	0.463	ng		99

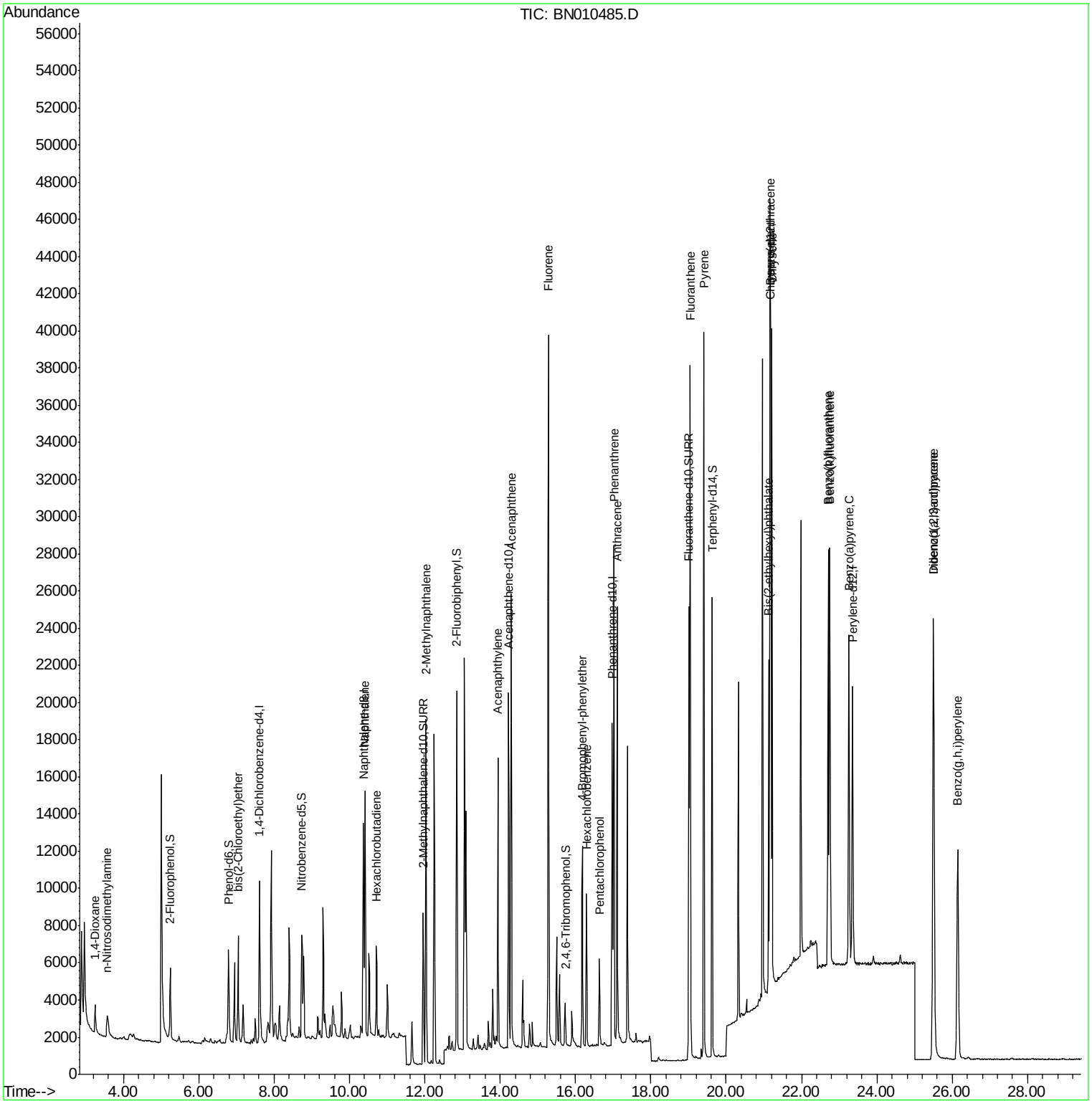
(#) = qualifier out of range (m) = manual integration (+) = signals summed

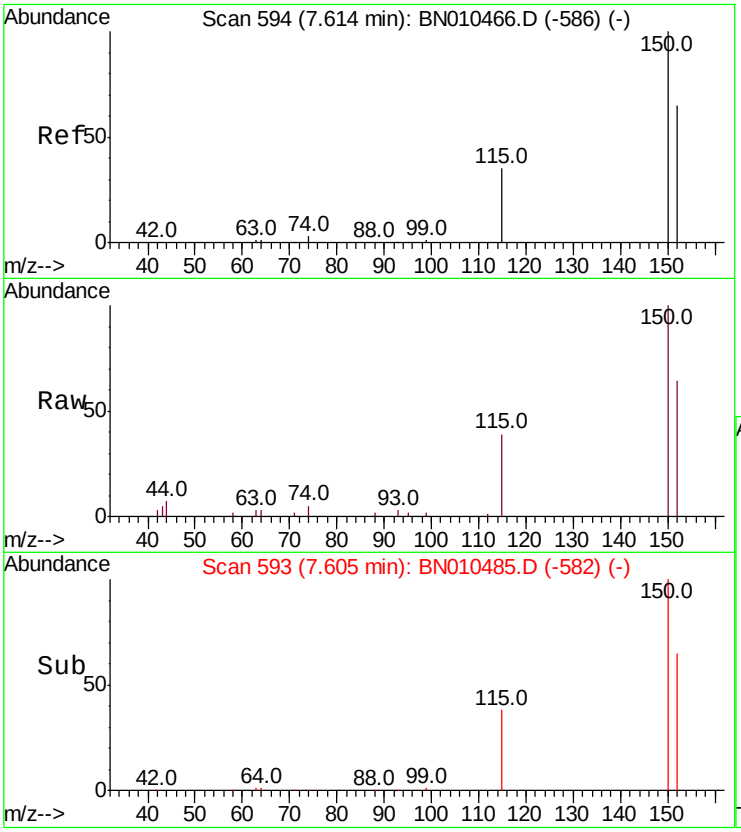
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
Data File : BN010485.D
Acq On : 14 Apr 2020 19:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 14 20:12:02 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



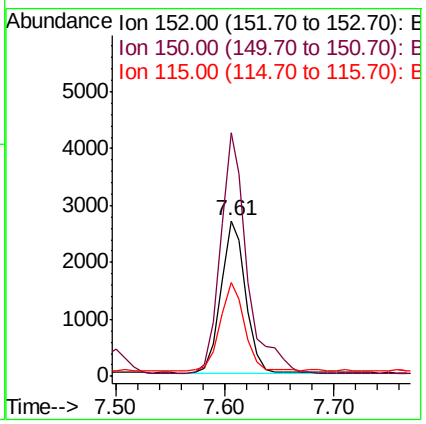


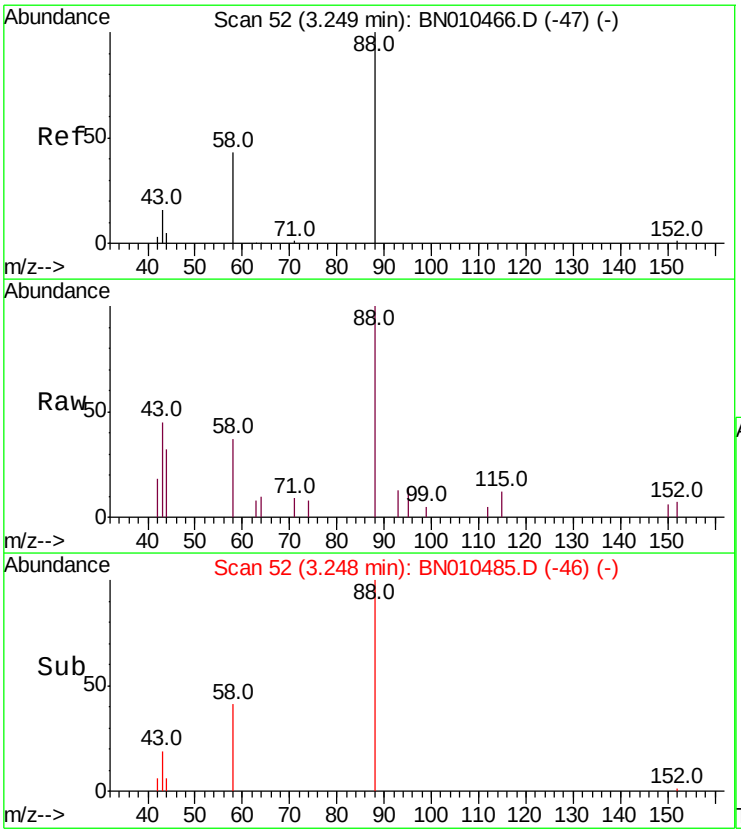
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4234

Ion	Ratio	Lower	Upper
152	100		
150	156.4	121.8	182.6
115	60.3	45.5	68.3

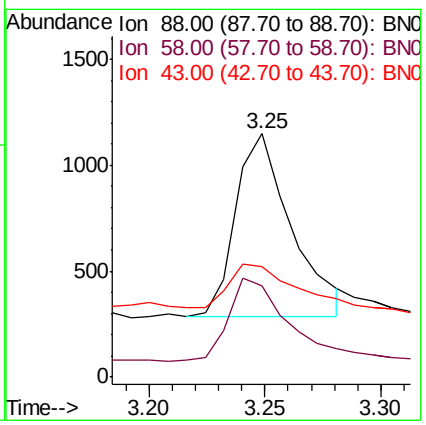


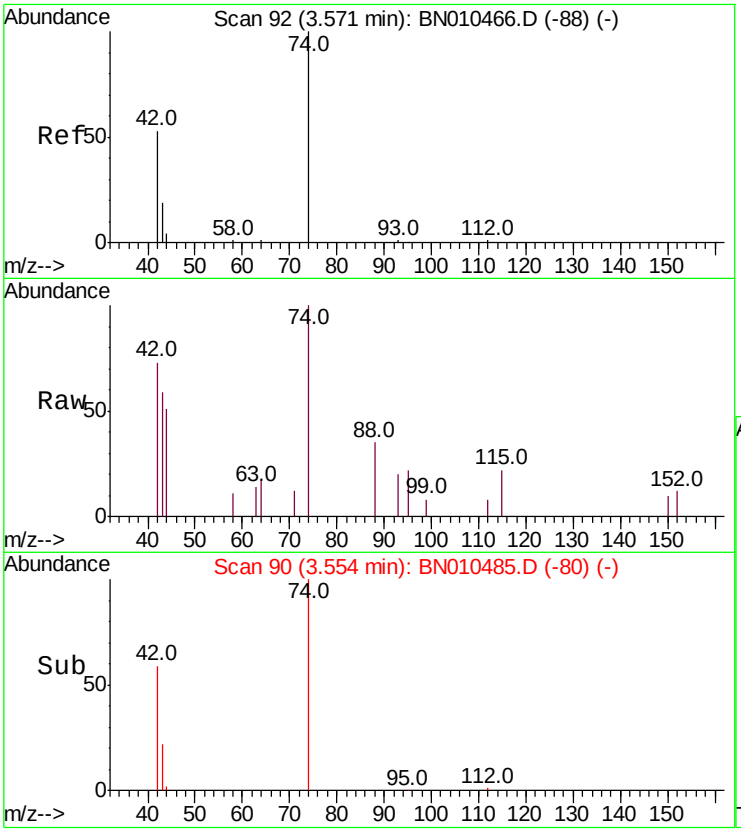


#2
1,4-Dioxane
Concen: 0.463 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion: 88 Resp: 1444

Ion	Ratio	Lower	Upper
88	100		
58	47.1	36.5	54.7
43	27.0	13.2	19.8#



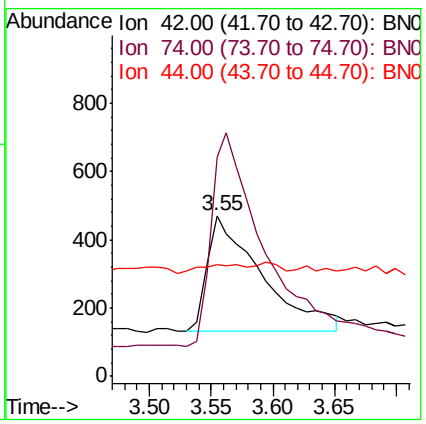


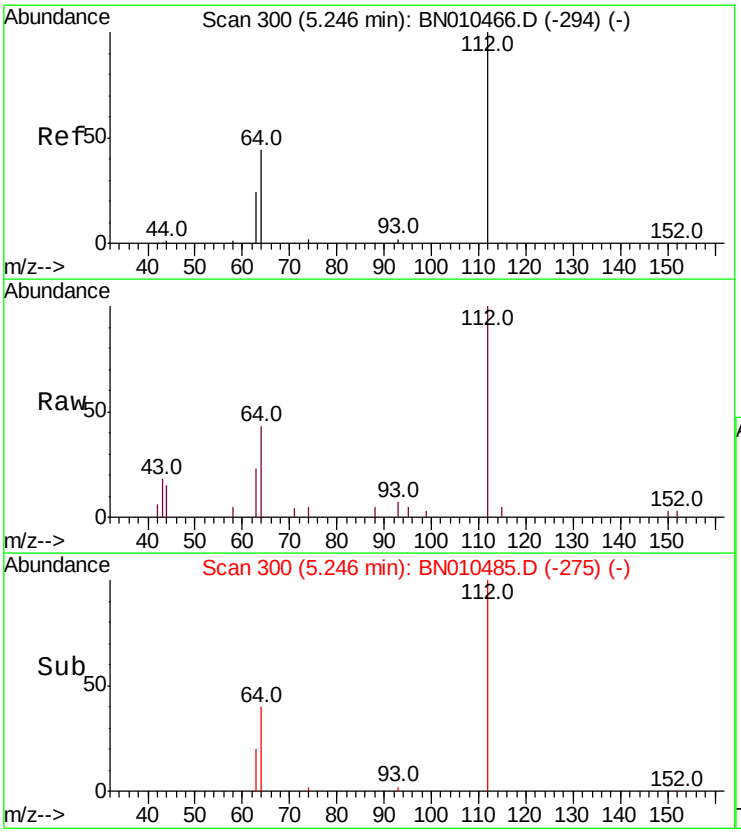
#3
n-Nitrosodimethylamine
Concen: 0.513 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1037

Ion	Ratio	Lower	Upper
42	100		
74	183.1	162.2	243.4
44	4.5	2.4	3.6#

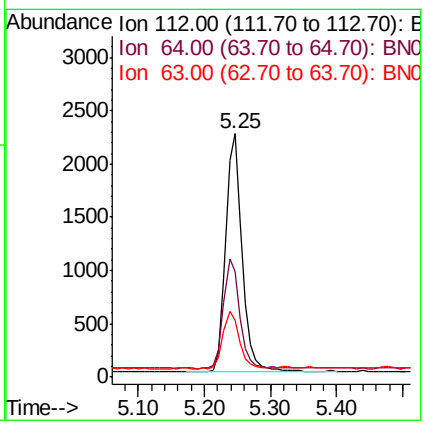


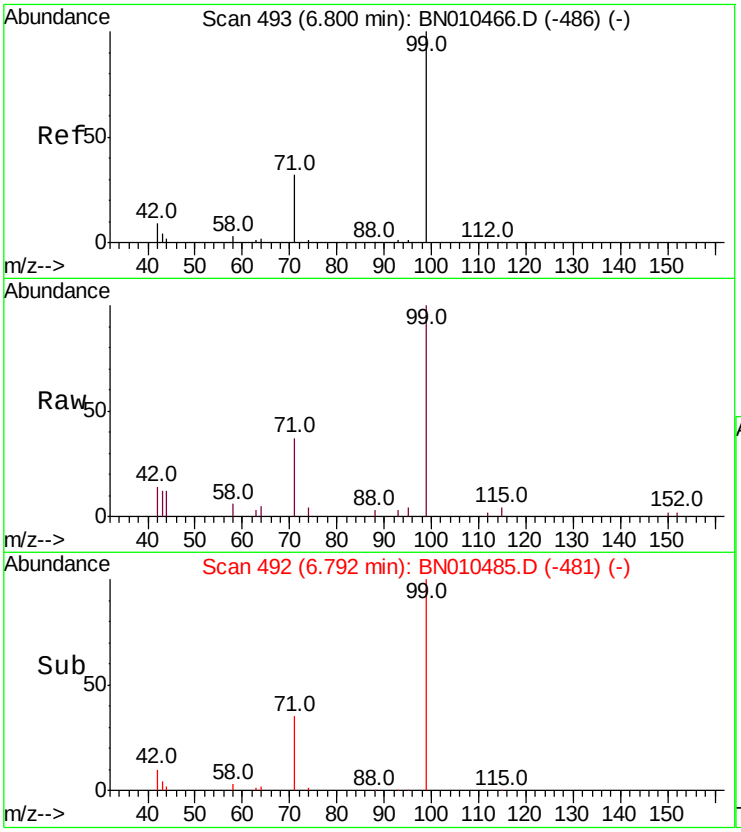


#4
2-Fluorophenol
Concen: 0.415 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:112 Resp: 3844

Ion	Ratio	Lower	Upper
112	100		
64	46.1	35.8	53.8
63	23.6	19.9	29.9



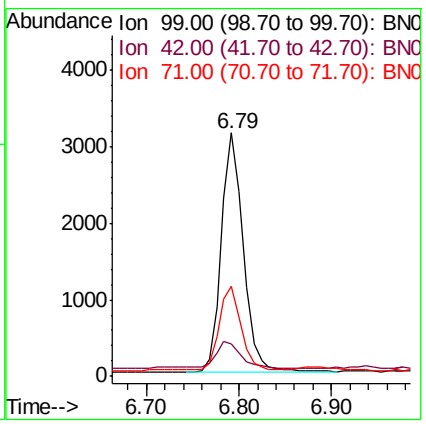


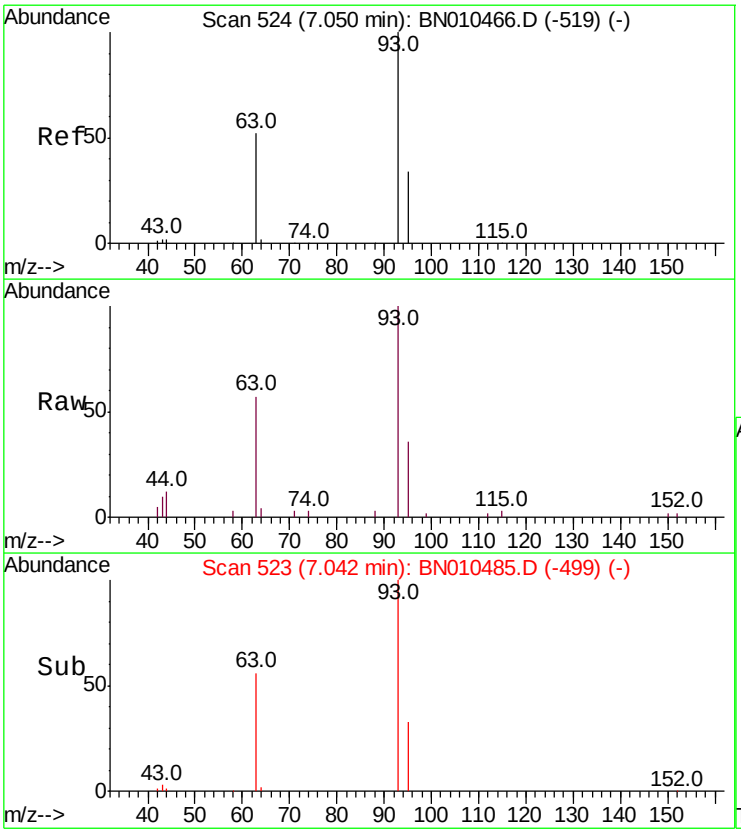
#5
Phenol-d6
Concen: 0.427 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5170

Ion	Ratio	Lower	Upper
99	100		
42	12.4	9.8	14.6
71	34.4	27.8	41.8

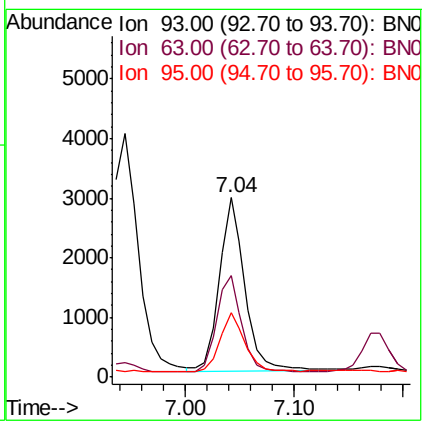


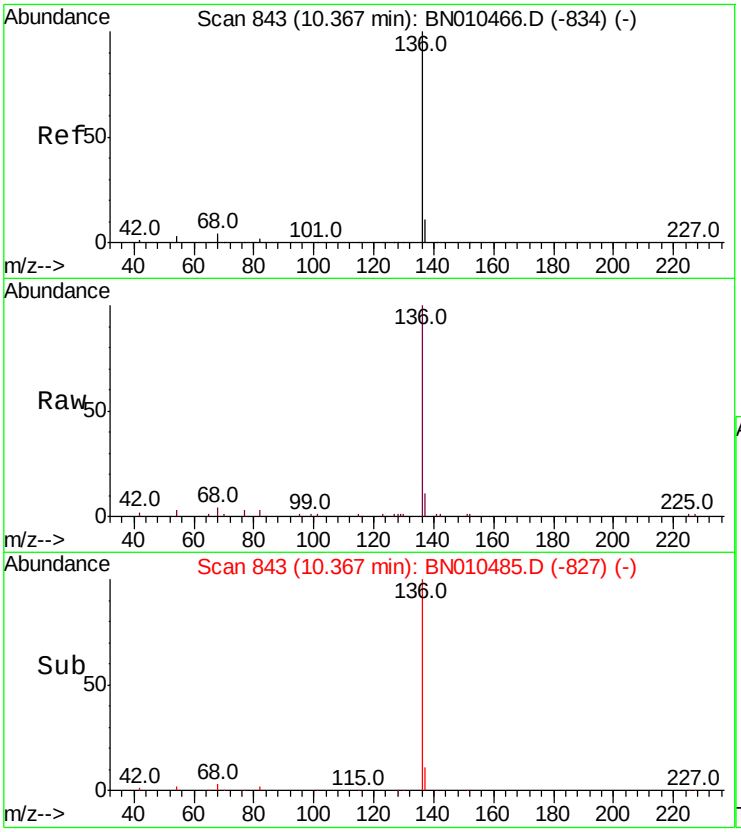


#6
bis(2-Chloroethyl)ether
Concen: 0.455 ng
RT: 7.04 min Scan# 523
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion: 93 Resp: 4781

Ion	Ratio	Lower	Upper
93	100		
63	54.7	44.6	66.8
95	32.5	26.5	39.7



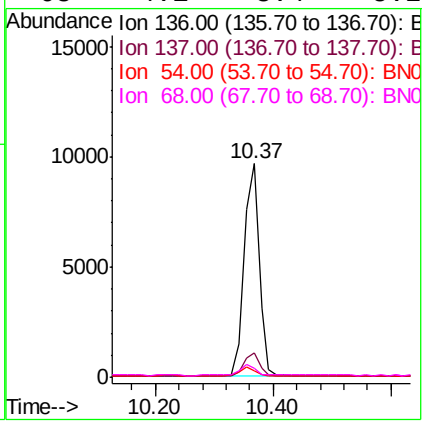


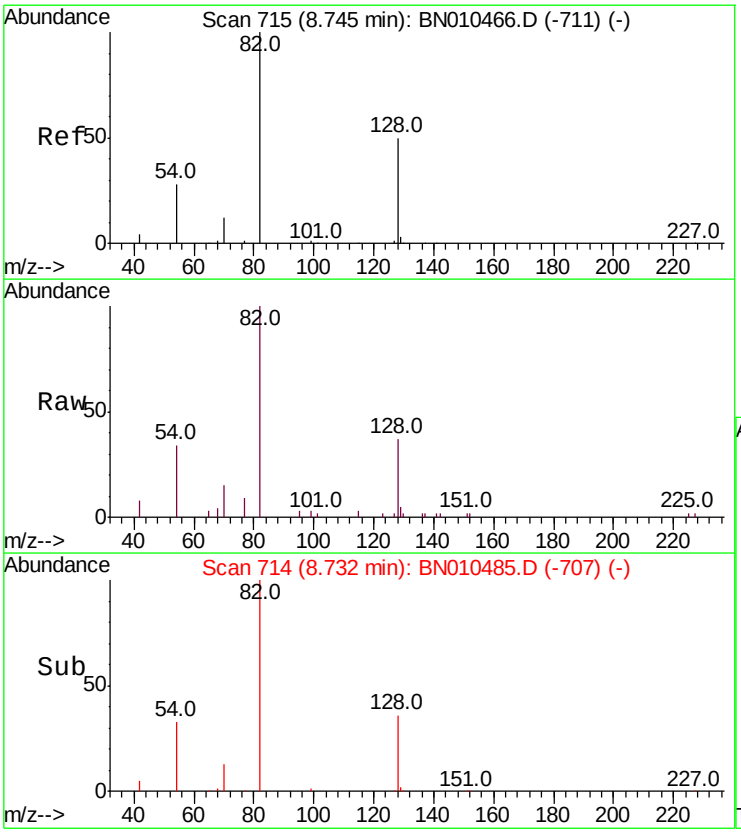
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 16944

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	2.9	2.6	4.0
68	4.1	3.4	5.2

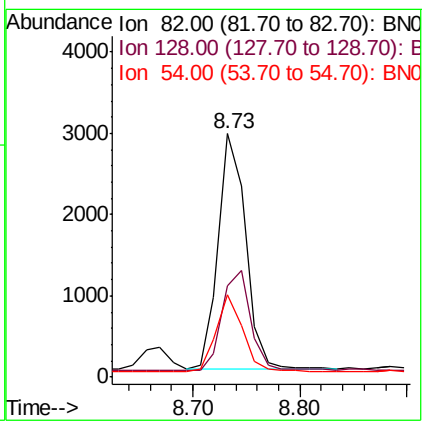


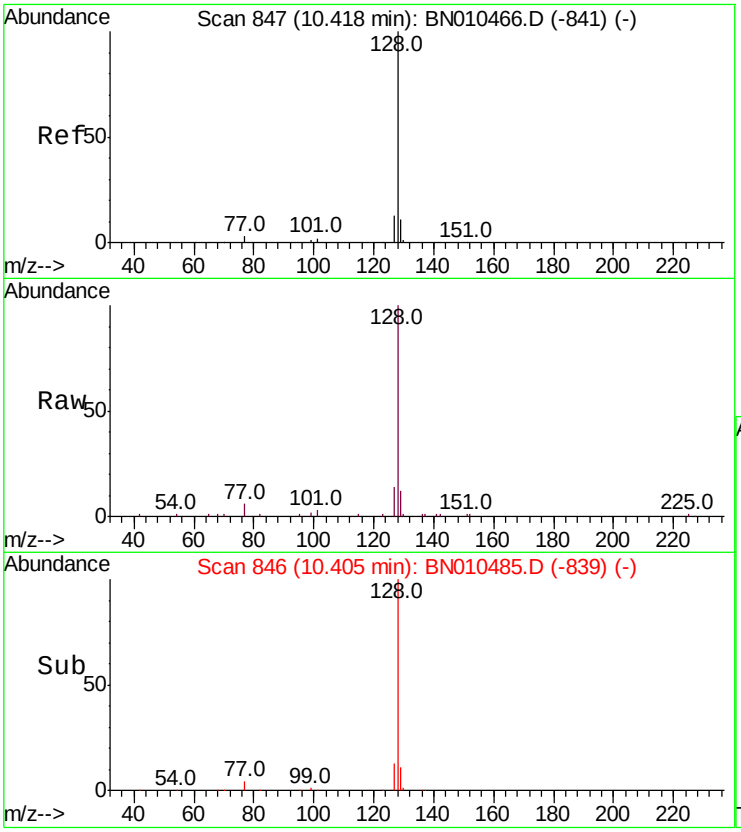


#8
Nitrobenzene-d5
Concen: 0.435 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion: 82 Resp: 5149

Ion	Ratio	Lower	Upper
82	100		
128	37.3	41.3	61.9#
54	33.7	23.4	35.0



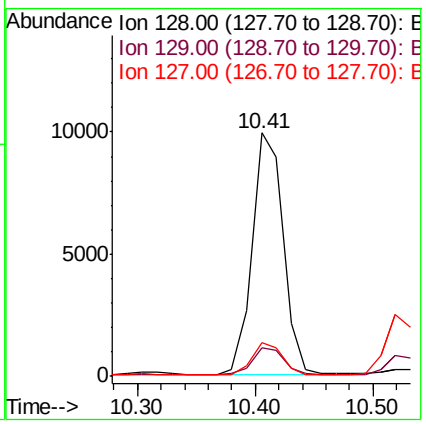


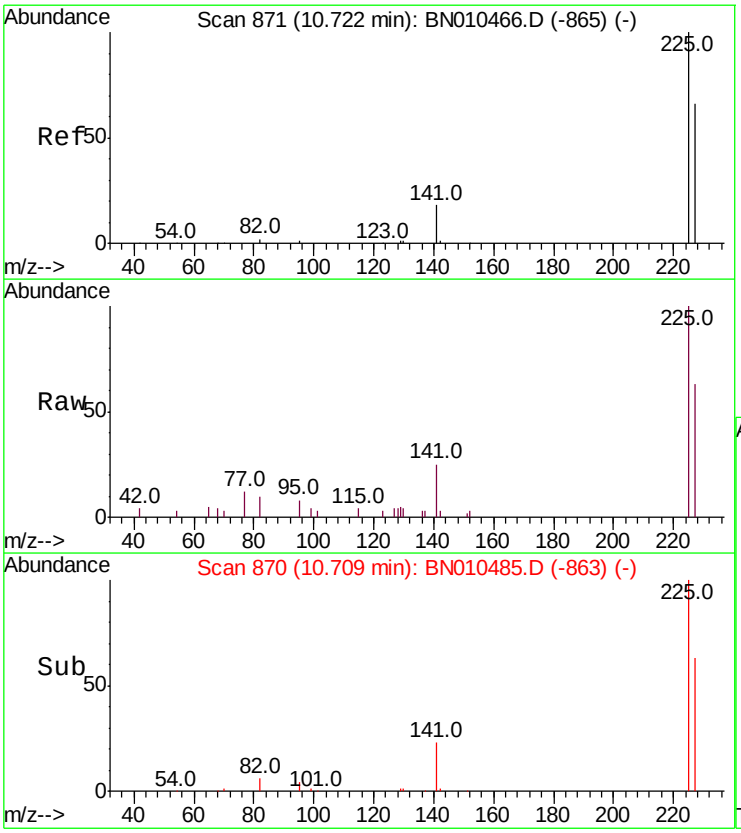
#9
Naphthalene
Concen: 0.432 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 18173

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.8	10.5	15.7

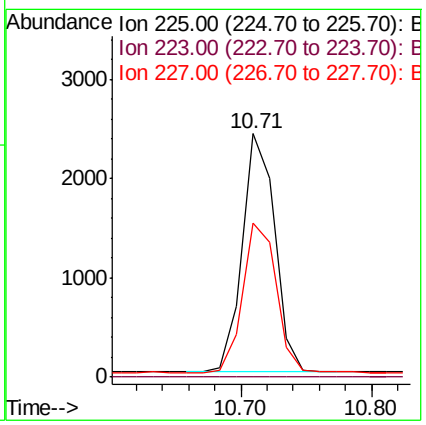


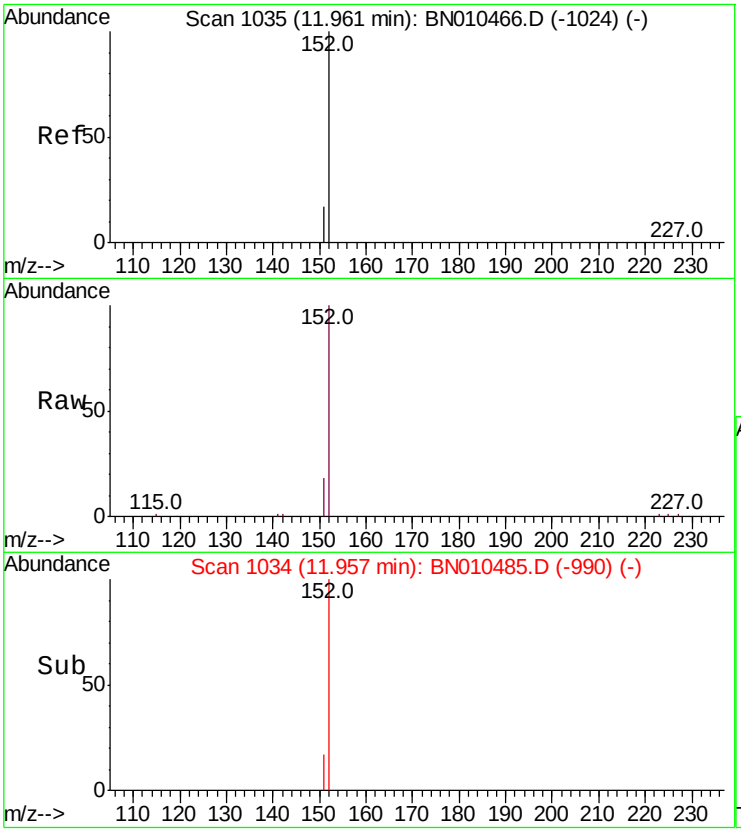


#10
Hexachlorobutadiene
Concen: 0.409 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:225 Resp: 4147

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.6	76.0



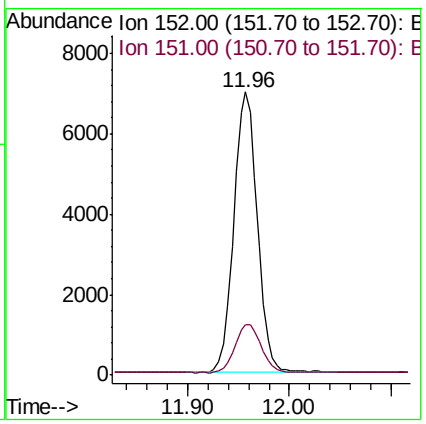


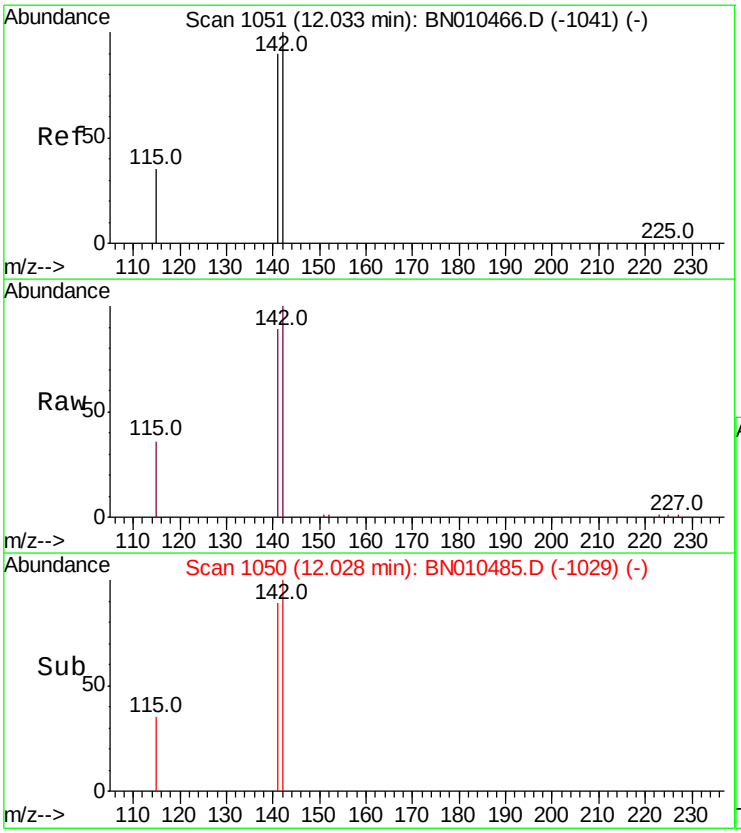
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11281

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

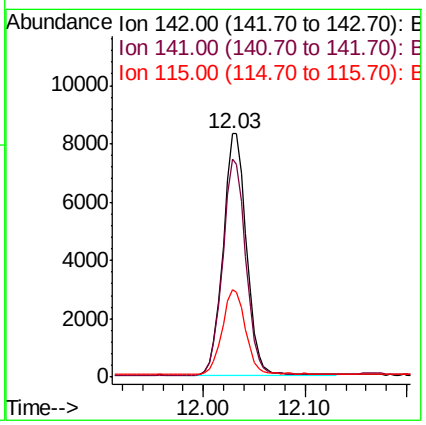


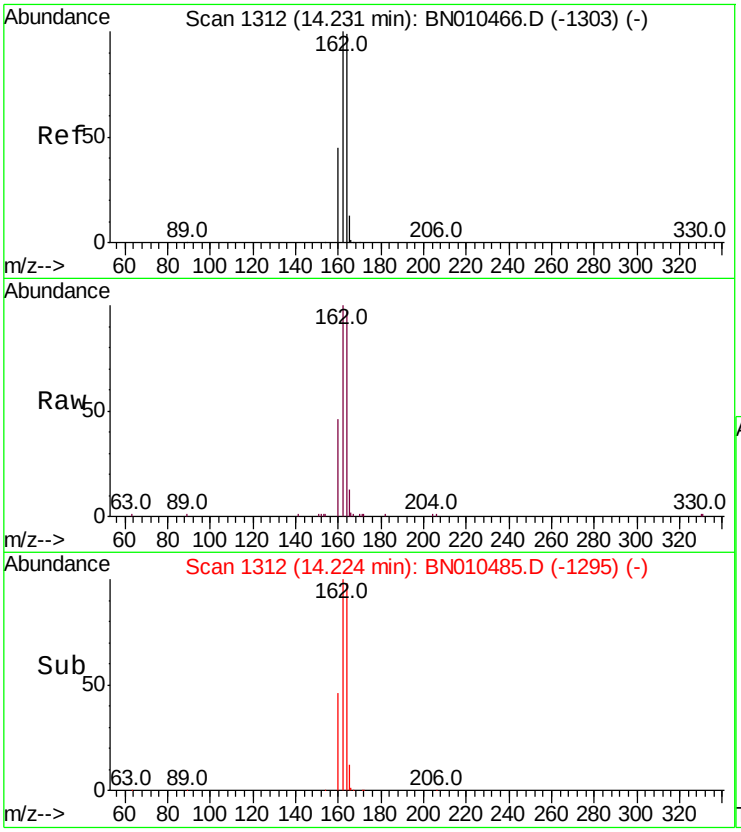


#12
2-Methylnaphthalene
Concen: 0.438 ng
RT: 12.03 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:142 Resp: 13247

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	36.0	28.8	43.2



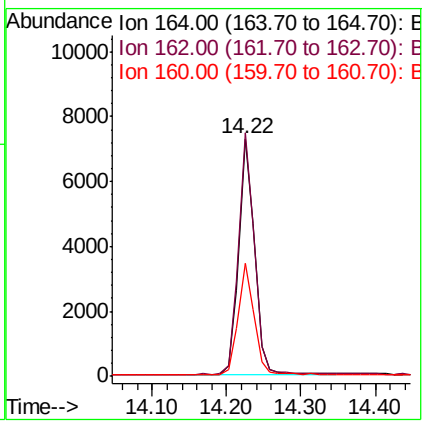


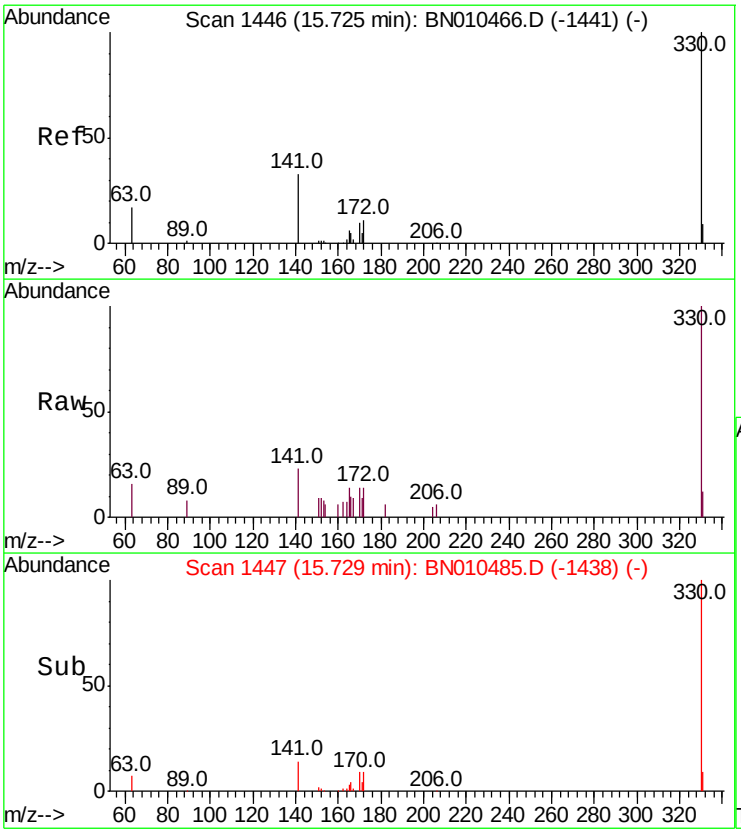
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 10719

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	121.0
160	47.7	36.5	54.7

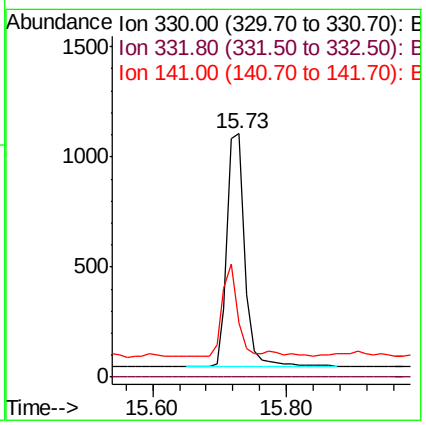


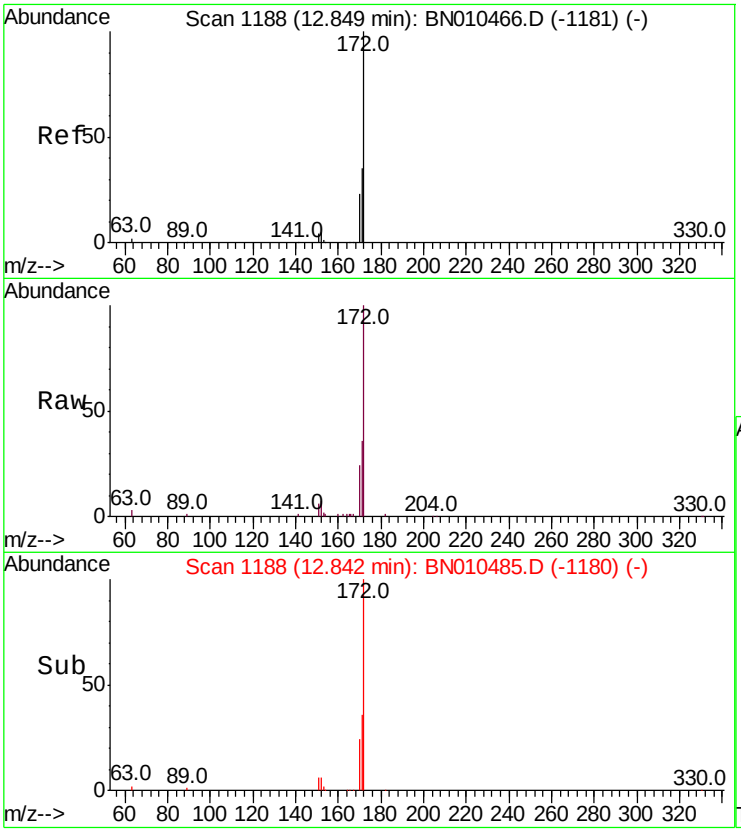


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:330 Resp: 1957

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.6	28.1	42.1



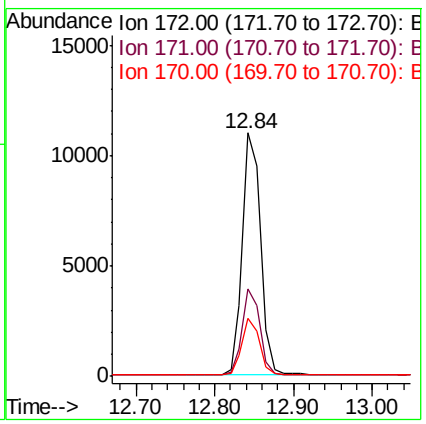


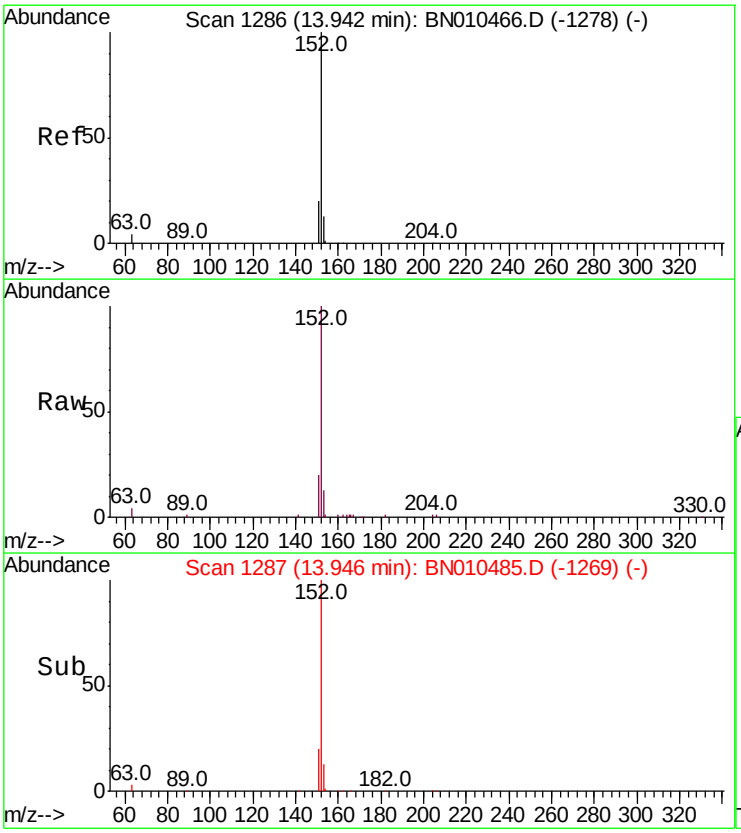
#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 17792

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.2
170	23.9	18.4	27.6

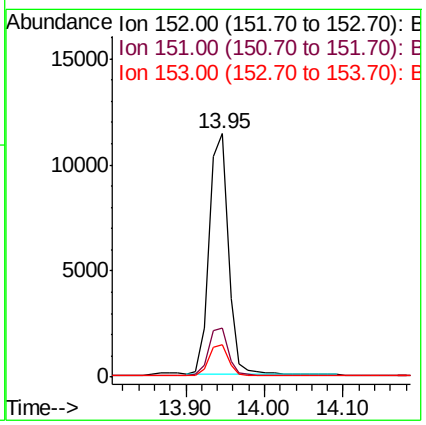


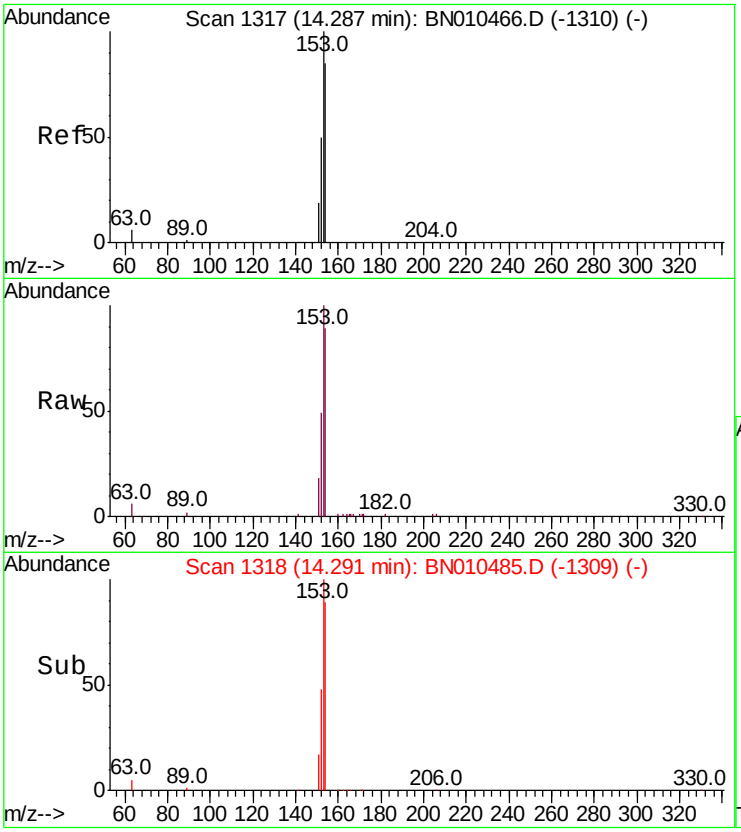


#16
Acenaphthylene
Concen: 0.414 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:152 Resp: 19175

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	12.8	10.6	15.8



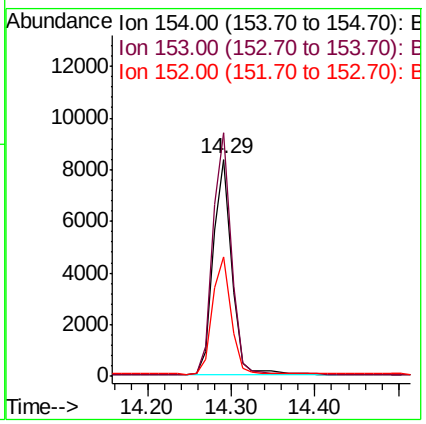


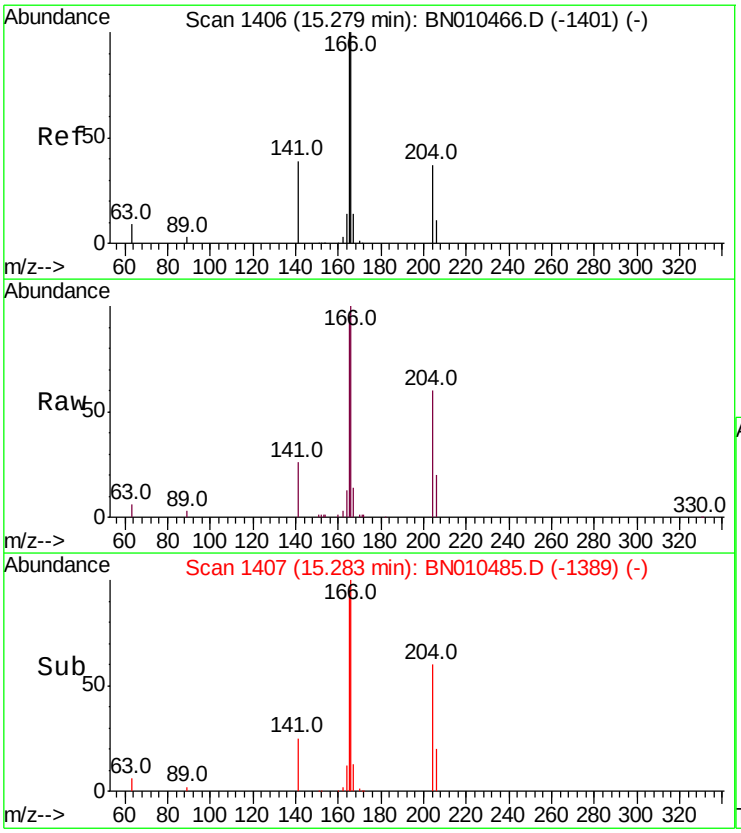
#17
Acenaphthene
Concen: 0.432 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 12854

Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.0	136.4
152	55.0	44.6	67.0

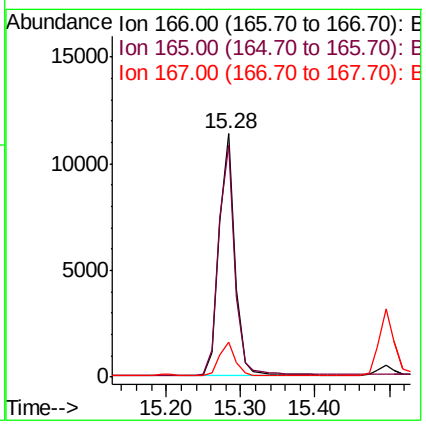


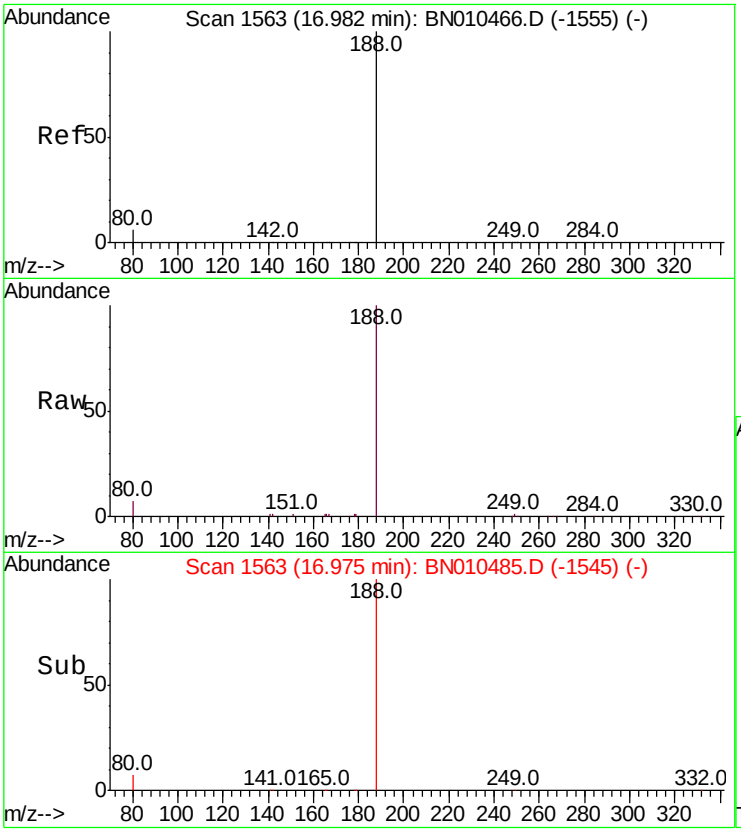


#18
Fluorene
Concen: 0.432 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:166 Resp: 16829

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.4	117.6
167	13.6	10.9	16.3



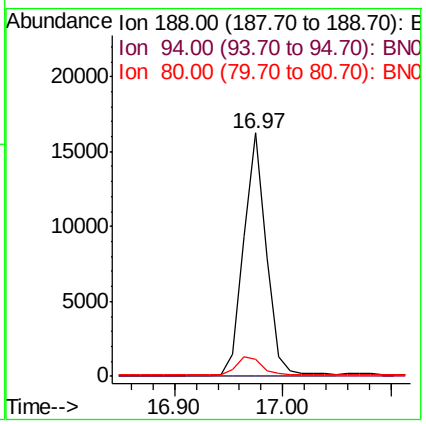


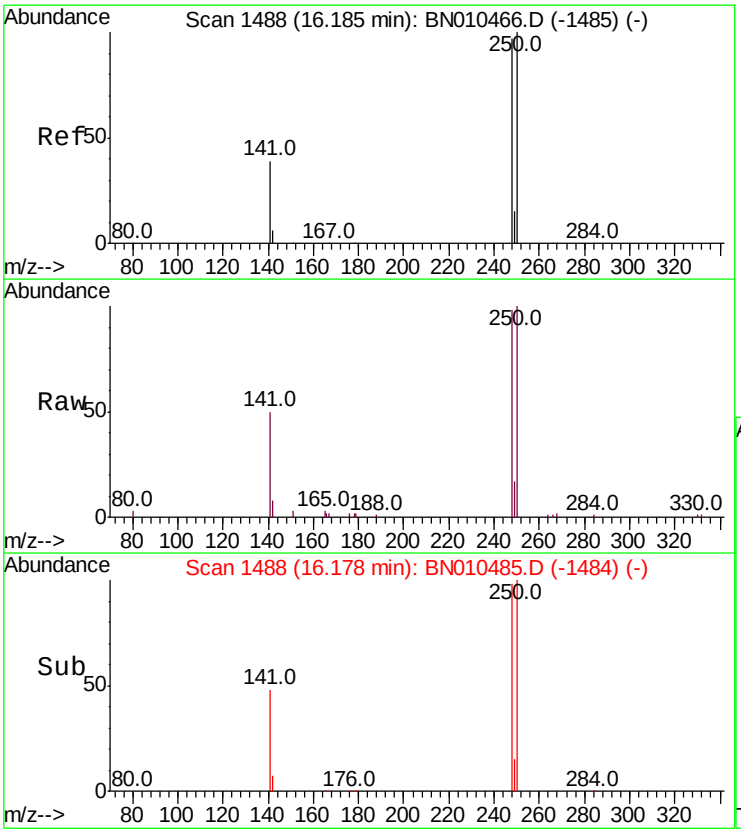
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 23455

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

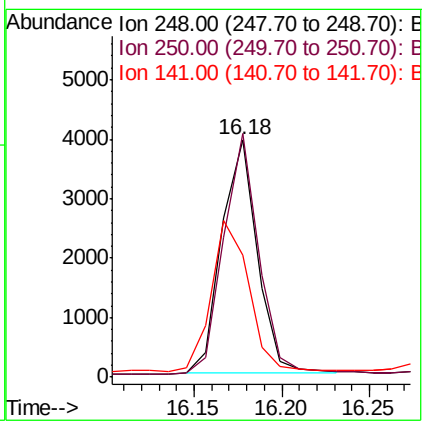


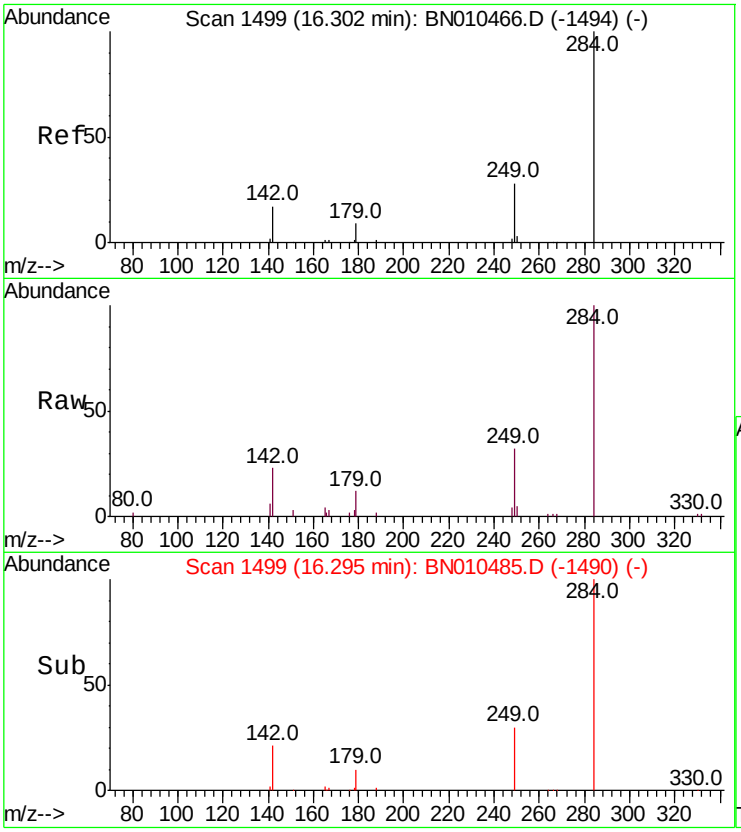


#20
4-Bromophenyl-phenylether
Concen: 0.425 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:248 Resp: 5543

Ion	Ratio	Lower	Upper
248	100		
250	102.5	82.3	123.5
141	51.4	35.2	52.8



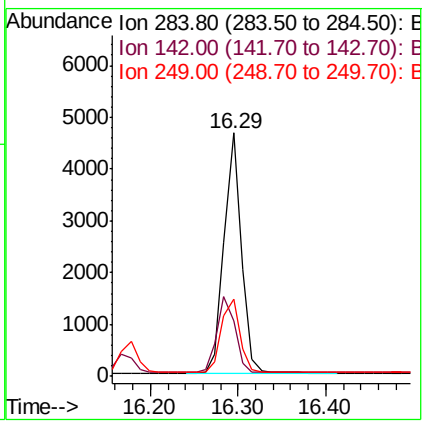


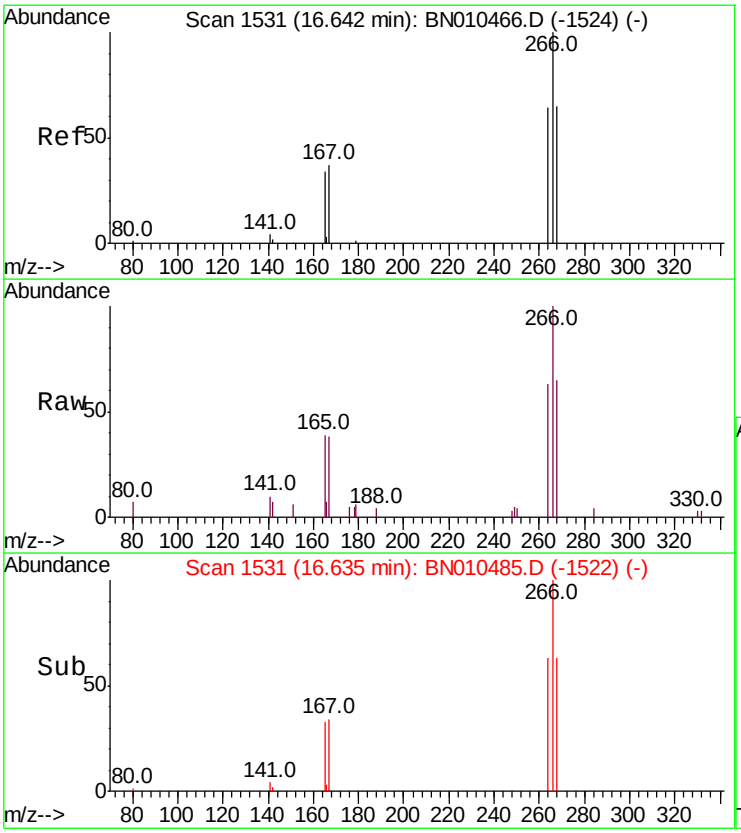
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 6384

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

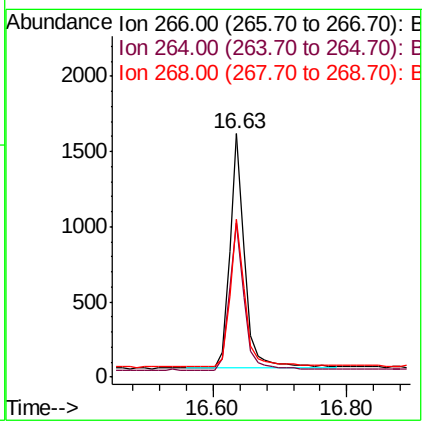


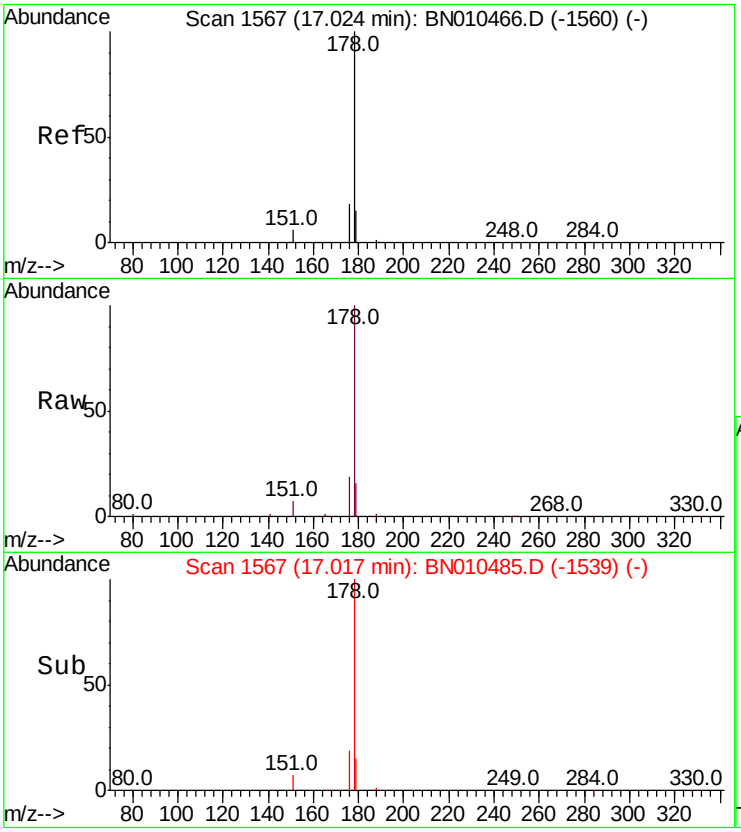


#22
Pentachlorophenol
Concen: 0.412 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:266 Resp: 2413

Ion	Ratio	Lower	Upper
266	100		
264	63.2	51.8	77.6
268	65.0	53.7	80.5



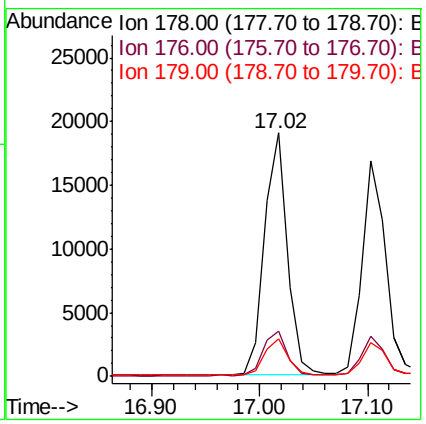


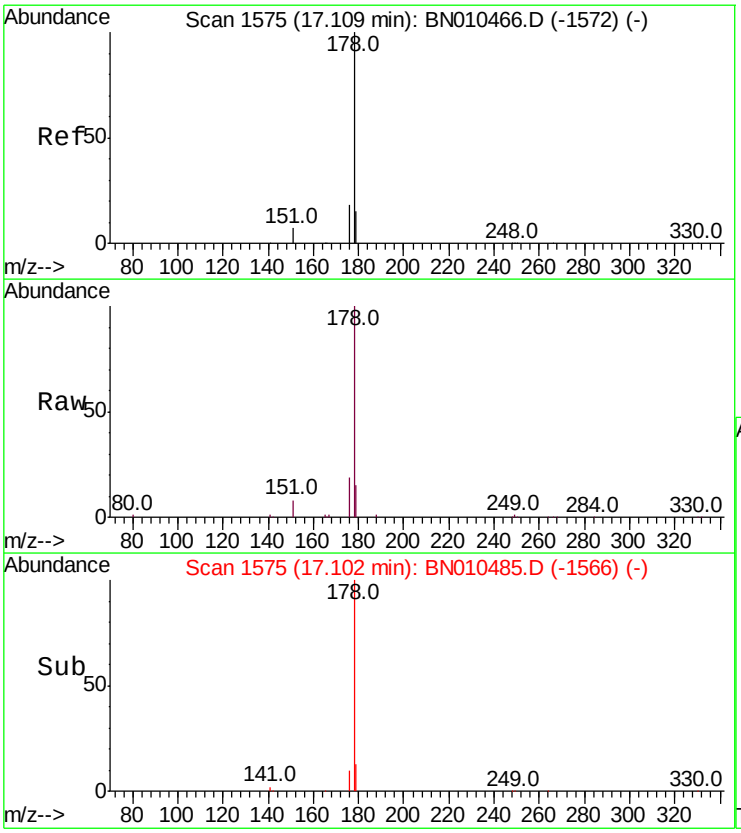
#23
Phenanthrene
Concen: 0.443 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 28085

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.7	12.6	18.8

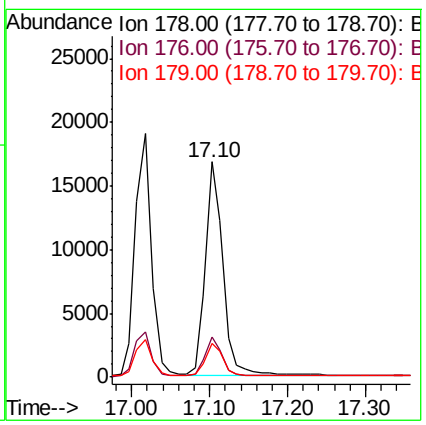


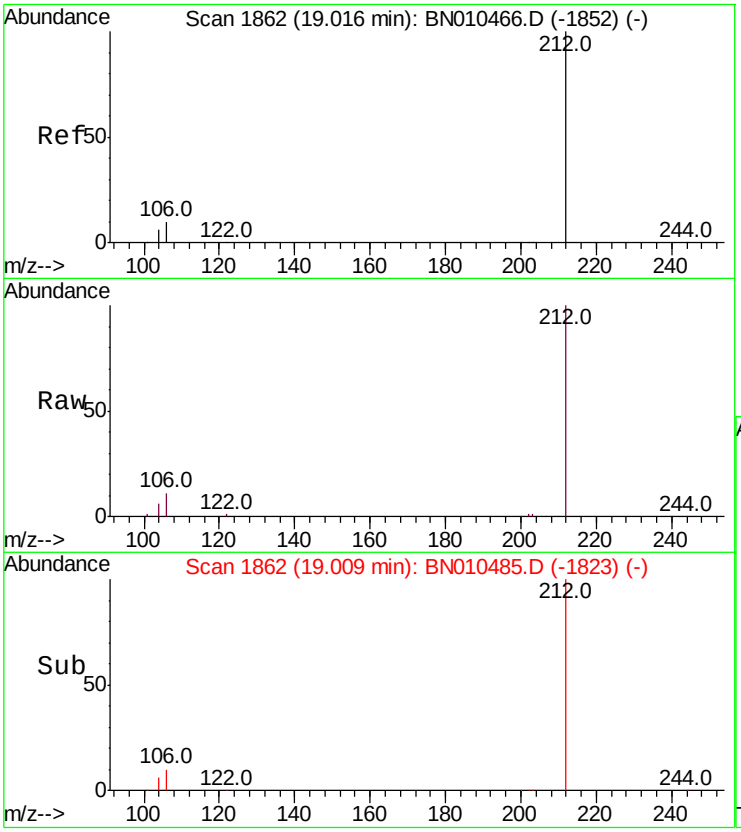


#24
Anthracene
Concen: 0.451 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:178 Resp: 26093

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	14.8	12.2	18.2



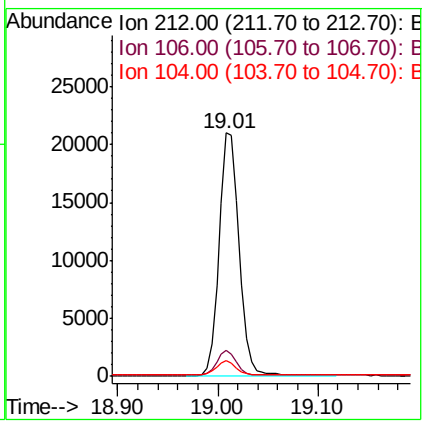


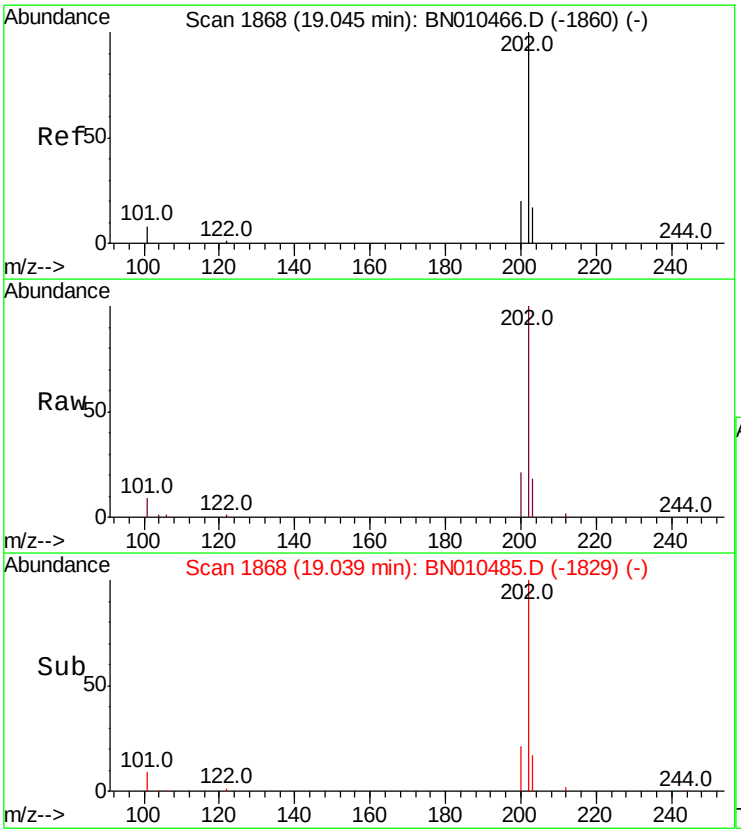
#25
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.01 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 28968

Ion	Ratio	Lower	Upper
212	100		
106	10.0	7.8	11.6
104	5.7	4.5	6.7

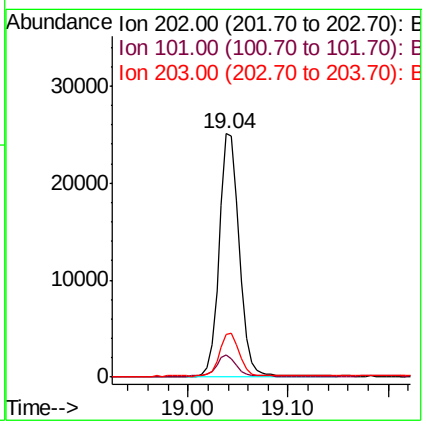


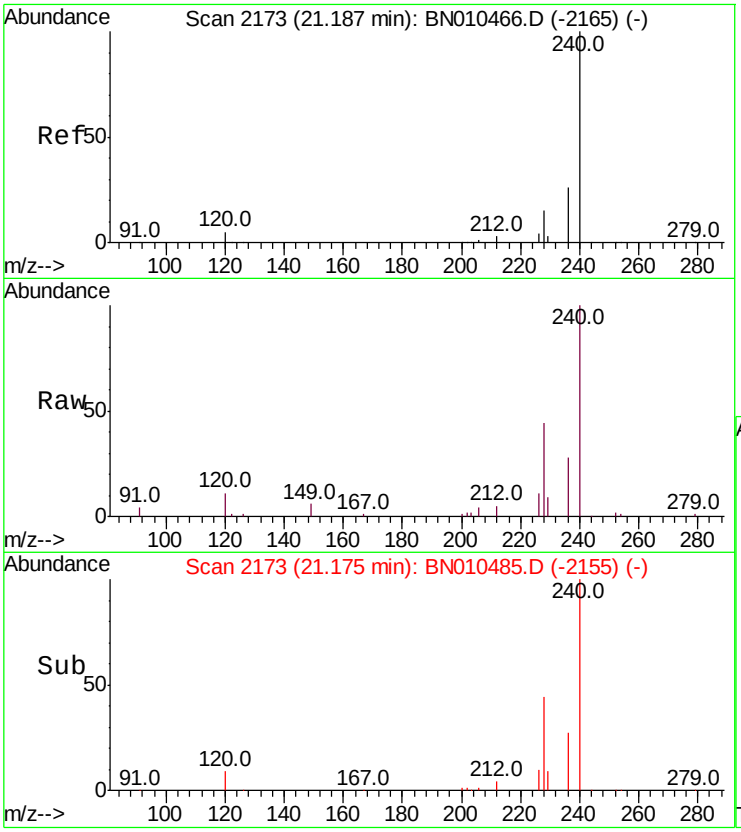


#26
Fluoranthene
Concen: 0.438 ng
RT: 19.04 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:202 Resp: 34546

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
203	17.2	13.9	20.9



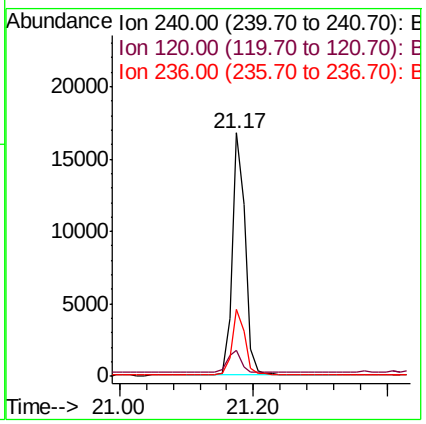


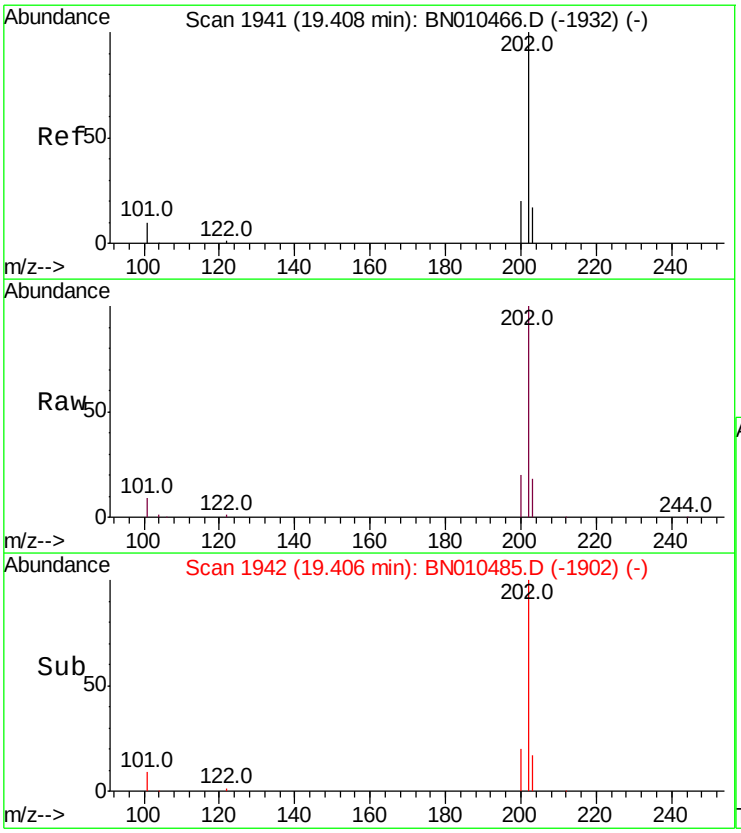
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 22539

Ion	Ratio	Lower	Upper
240	100		
120	10.7	4.8	7.2#
236	27.5	21.4	32.0

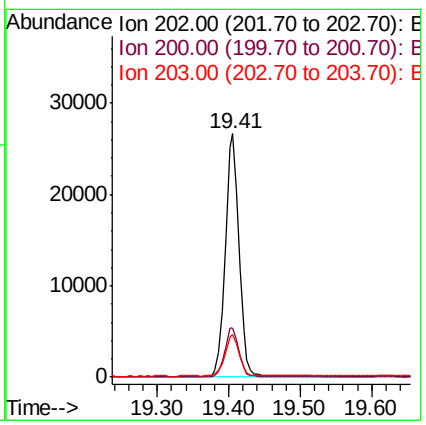


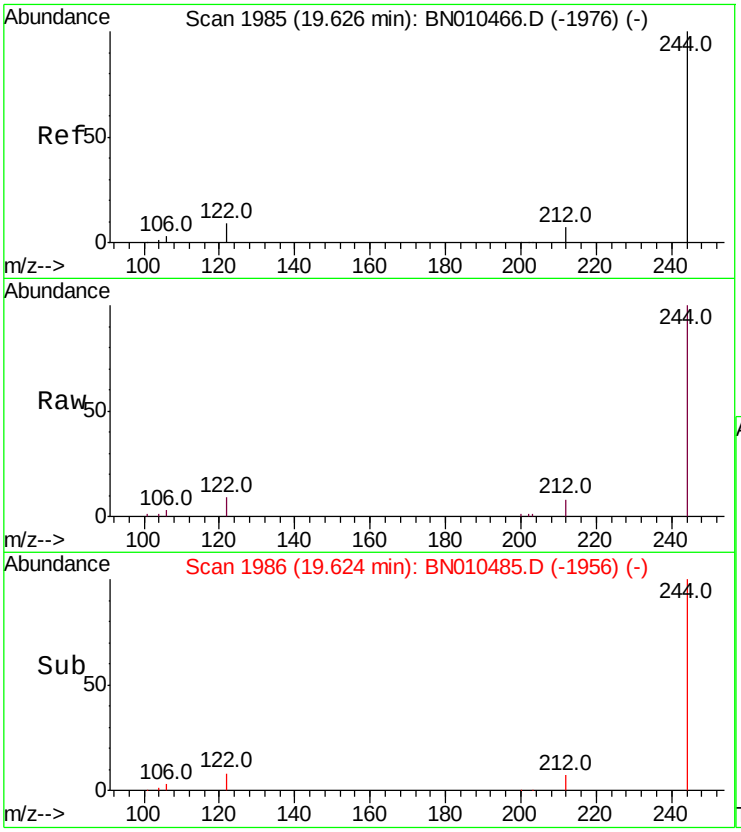


#28
Pyrene
Concen: 0.468 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:202 Resp: 35528

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.9	14.0	21.0



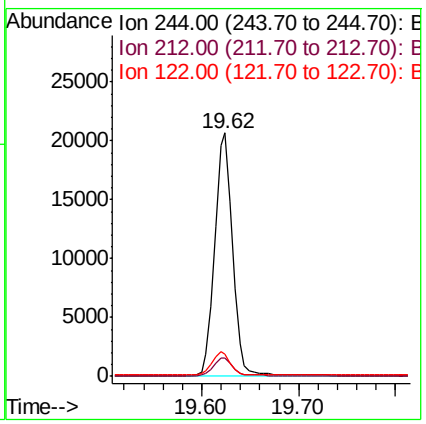


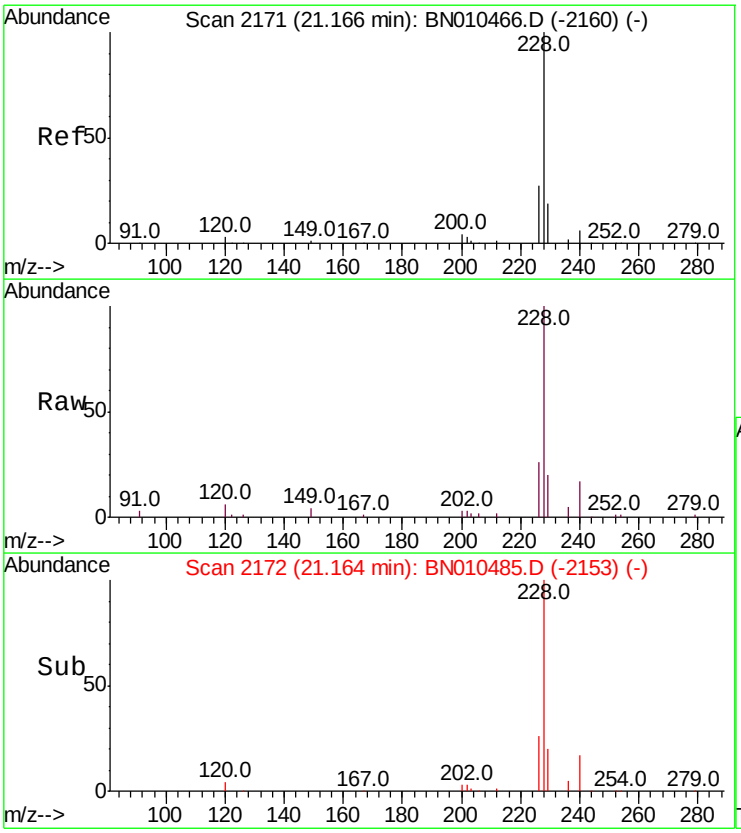
#29
Terphenyl-d14
Concen: 0.512 ng
RT: 19.62 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 26420

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	9.1	7.8	11.8

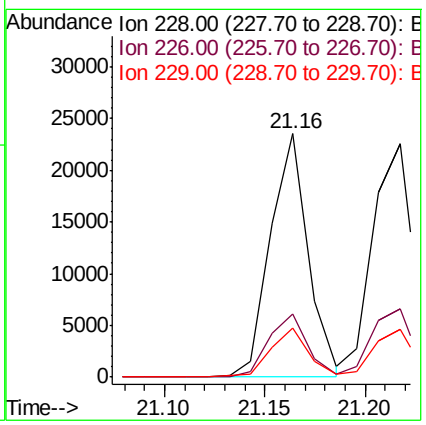


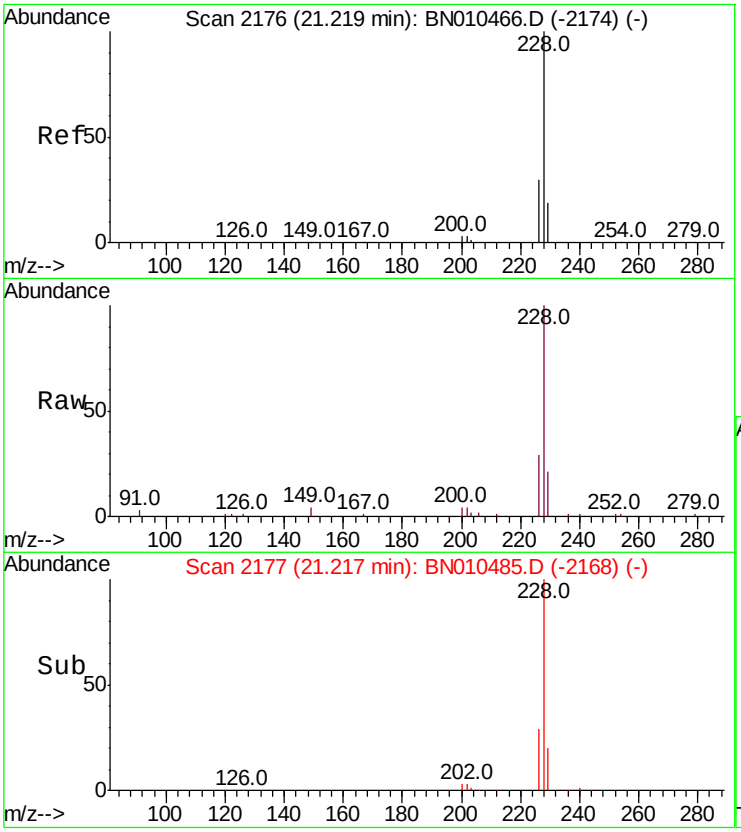


#30
Benzo(a)anthracene
Concen: 0.416 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:228 Resp: 30581

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.7	32.5
229	20.4	15.6	23.4



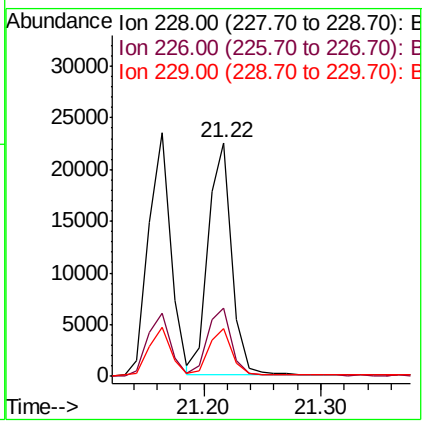


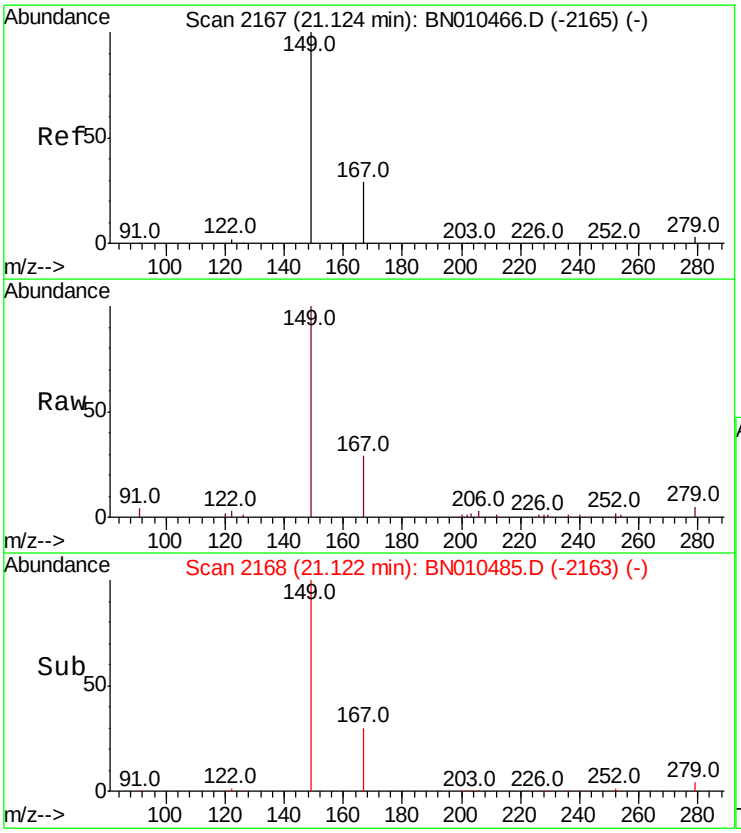
#31
Chrysene
Concen: 0.431 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 31580

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	20.6	15.8	23.6

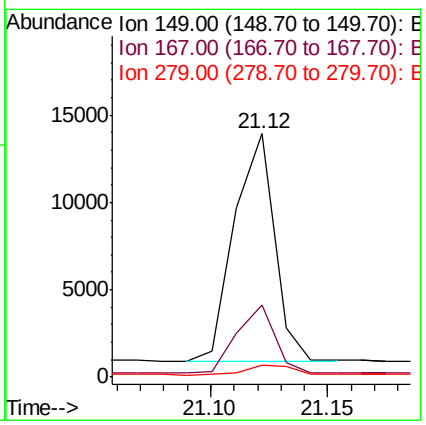


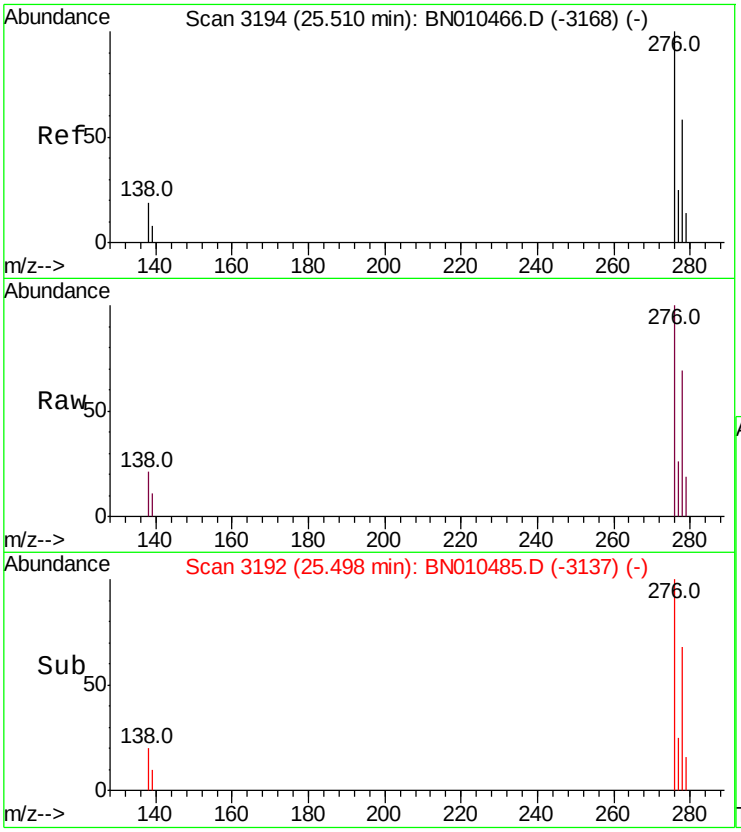


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.415 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:149 Resp: 15656

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	4.7	4.0	6.0



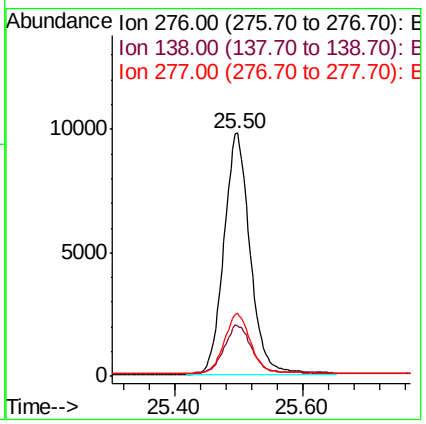


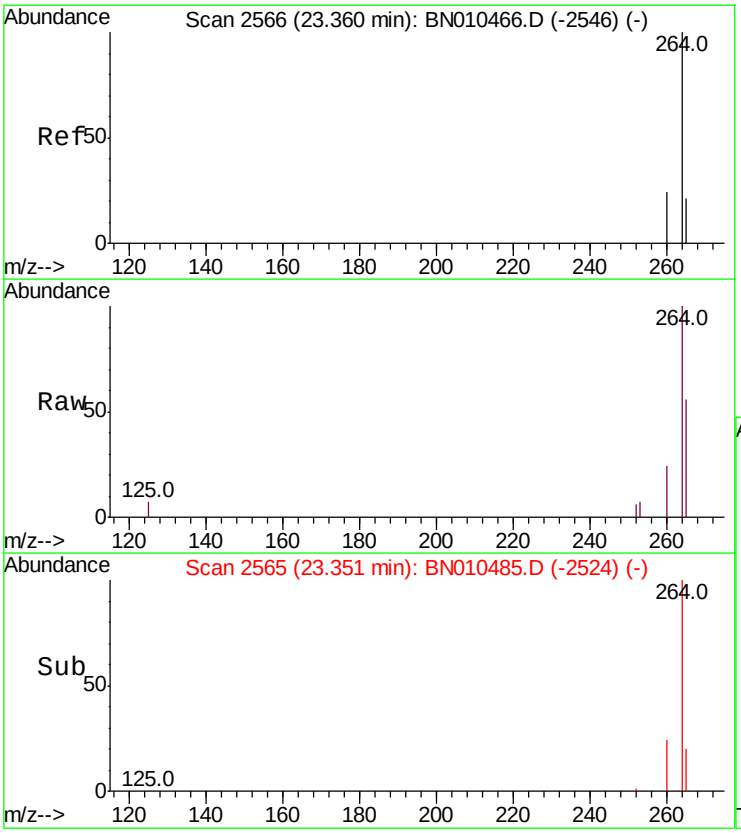
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.430 ng
RT: 25.50 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 27852

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.4	24.6
277	24.8	19.8	29.6

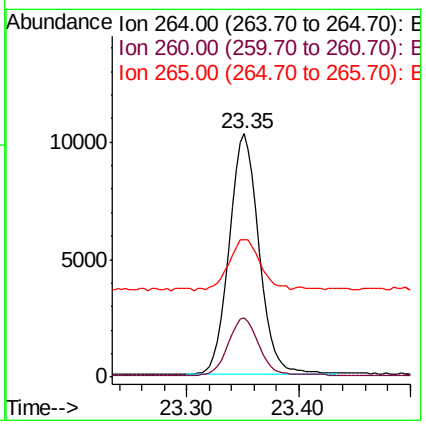


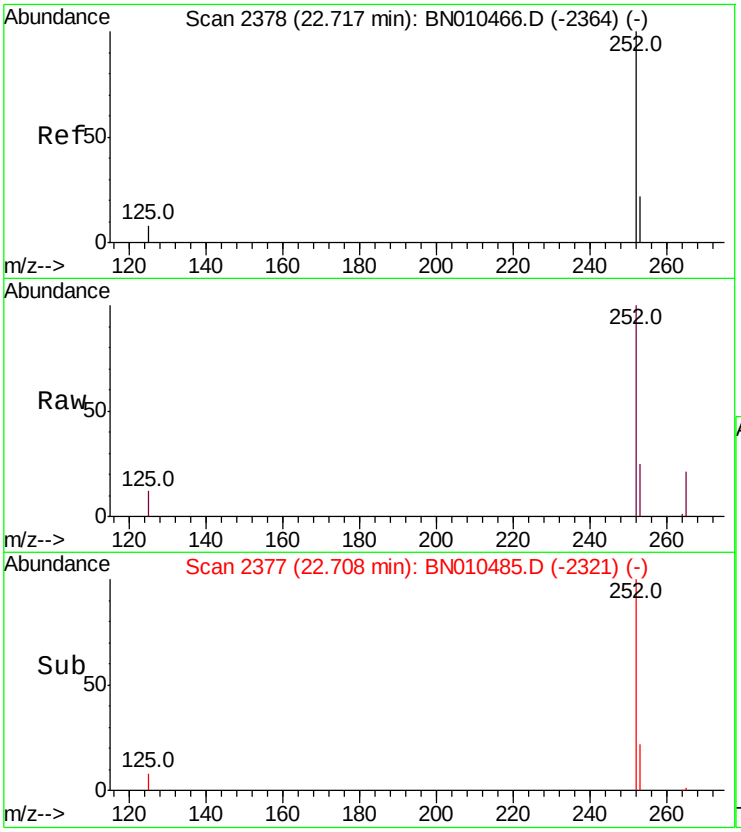


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:264 Resp: 18969

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	56.4	42.3	63.5



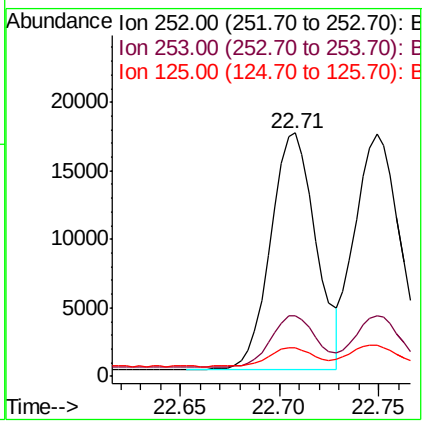


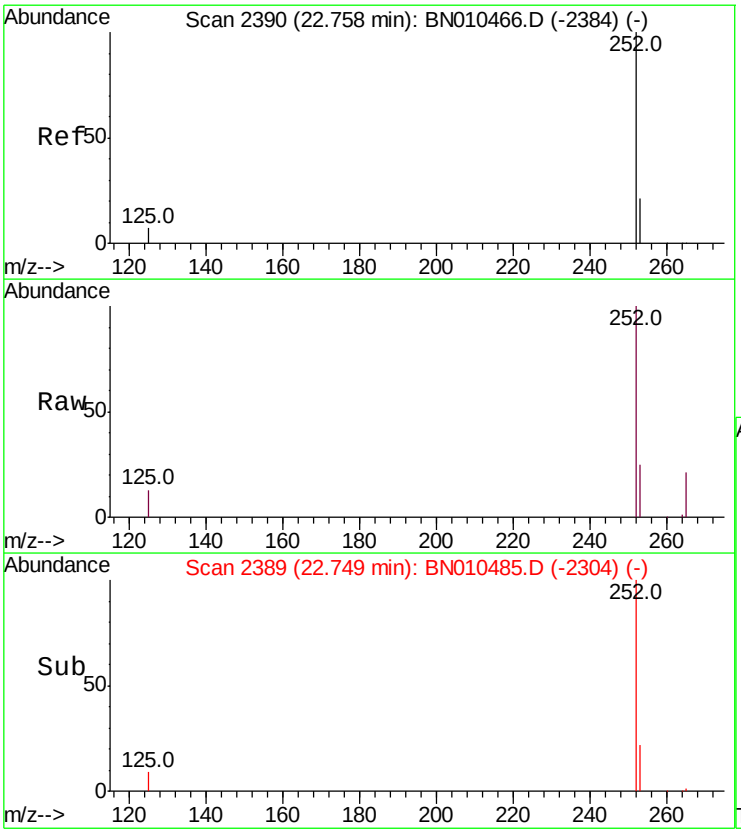
#35
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27333

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.2	30.4
125	11.8	9.2	13.8

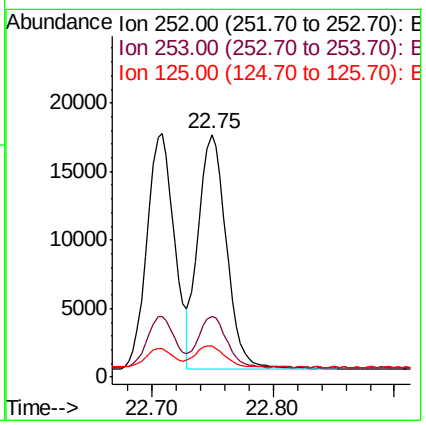


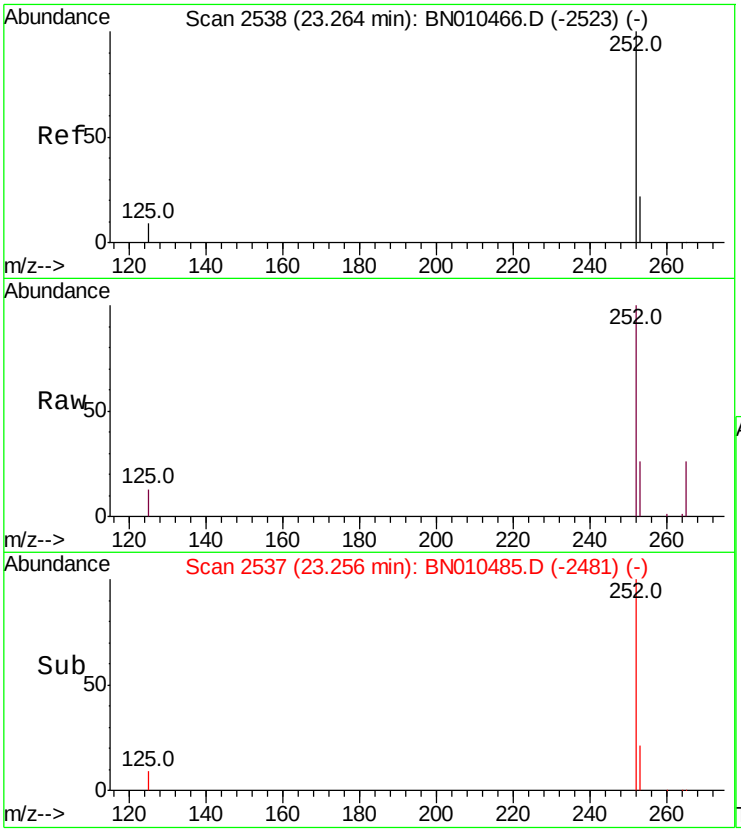


#36
Benzo(k)fluoranthene
Concen: 0.446 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:252 Resp: 27889

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.1	30.1
125	12.7	9.6	14.4



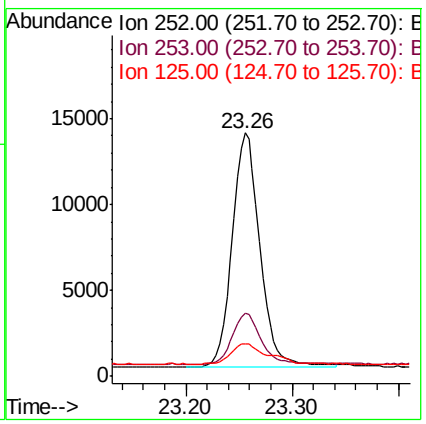


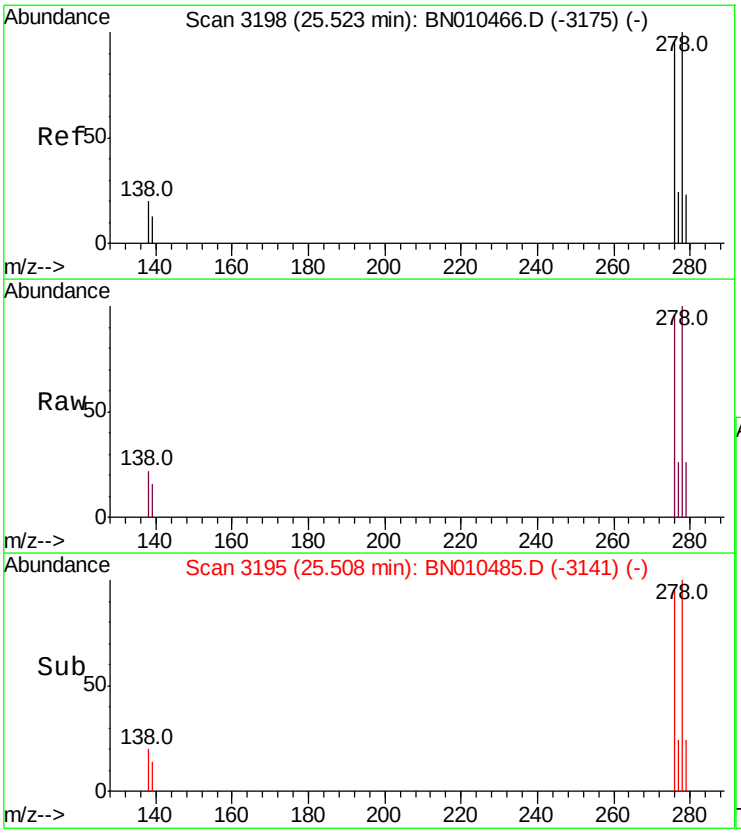
#37
Benzo(a)pyrene
Concen: 0.449 ng
RT: 23.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 24810

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.8	32.8
125	13.4	11.0	16.6

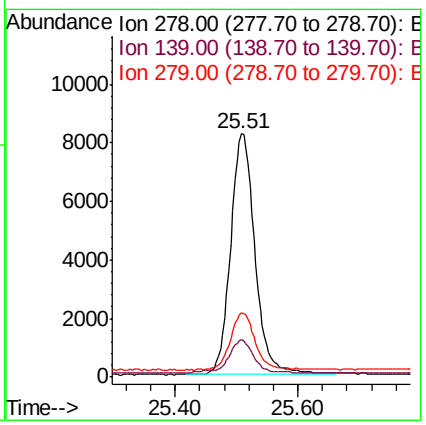


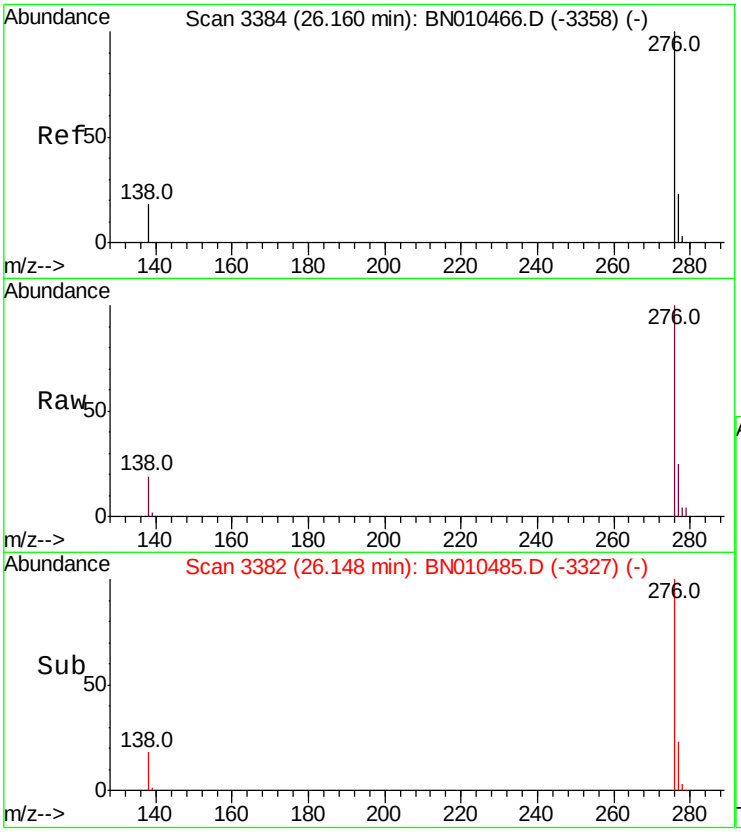


#38
Dibenzo(a,h)anthracene
Concen: 0.452 ng
RT: 25.51 min Scan# 3195
Delta R.T. -0.02 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:278 Resp: 22826

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	26.4	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.463 ng
RT: 26.15 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 23552

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.2	30.2
138	19.1	15.4	23.2