Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010487.D
Acq On : 14 Apr 2020 20:53
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 14 22:42:03 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	3795	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	15465	0.40	ng		0.00
13) Acenaphthene-d10	14.22	164	9972	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	21793	0.40	ng		0.00
27) Chrysene-d12	21.17	240	22309	0.40	ng		-0.01
34) Perylene-d12	23.35	264	19258	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3428	0.41	ng		0.00
5) Phenol-d6	6.79	99	4667	0.43	ng		0.00
8) Nitrobenzene-d5	8.73	82	4689	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	11.96	152	10346	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	1769	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	16335	0.45	ng		0.00
25) Fluoranthene-d10	19.01	212	27527	0.42	ng		0.00
29) Terphenyl-d14	19.62	244	24945	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1248	0.447	ng	#	93
3) n-Nitrosodimethylamine	3.55	42	868	0.479	ng	#	90
6) bis(2-Chloroethyl)ether	7.04	93	4234	0.450	ng		100
9) Naphthalene	10.41	128	16855	0.439	ng		99
10) Hexachlorobutadiene	10.71	225	3786	0.409	ng	#	98
12) 2-Methylnaphthalene	12.03	142	12225	0.443	ng		98
16) Acenaphthylene	13.95	152	18082	0.420	ng		100
17) Acenaphthene	14.29	154	11905	0.430	ng		97
18) Fluorene	15.28	166	15345	0.423	ng		100
20) 4-Bromophenyl-phenylether	16.18	248	5119	0.423	ng		96
21) Hexachlorobenzene	16.29	284	5941	0.430	ng		98
22) Pentachlorophenol	16.63	266	2337	0.430	ng		97
23) Phenanthrene	17.02	178	26142	0.444	ng		100
24) Anthracene	17.10	178	24142	0.449	ng		100
26) Fluoranthene	19.04	202	32743	0.447	ng		100
28) Pyrene	19.41	202	33581	0.447	ng		99
30) Benzo(a)anthracene	21.16	228	30438	0.418	ng		98
31) Chrysene	21.22	228	31322	0.432	ng		98
32) Bis(2-ethylhexyl)phthalate	21.12	149	14557	0.390	ng		99
33) Indeno(1,2,3-cd)pyrene	25.49	276	27993	0.437	ng		100
35) Benzo(b)fluoranthene	22.70	252	27800	0.438	ng		100
36) Benzo(k)fluoranthene	22.75	252	27812	0.438	ng		99
37) Benzo(a)pyrene	23.26	252	25240	0.450	ng		98
38) Dibenzo(a,h)anthracene	25.51	278	23053	0.449	ng		98
39) Benzo(g,h,i)perylene	26.14	276	23725	0.459	ng		99

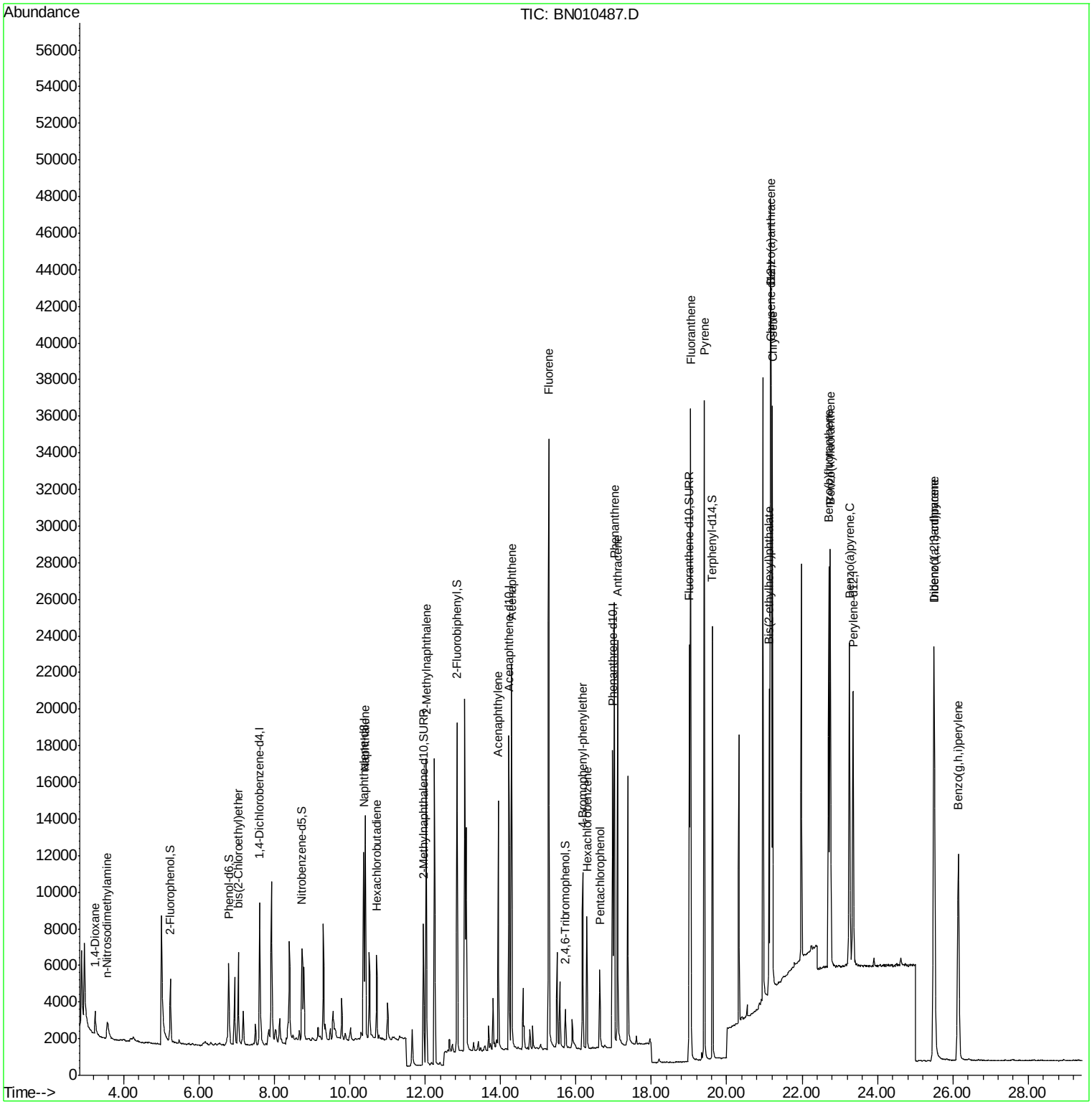
(#) = qualifier out of range (m) = manual integration (+) = signals summed

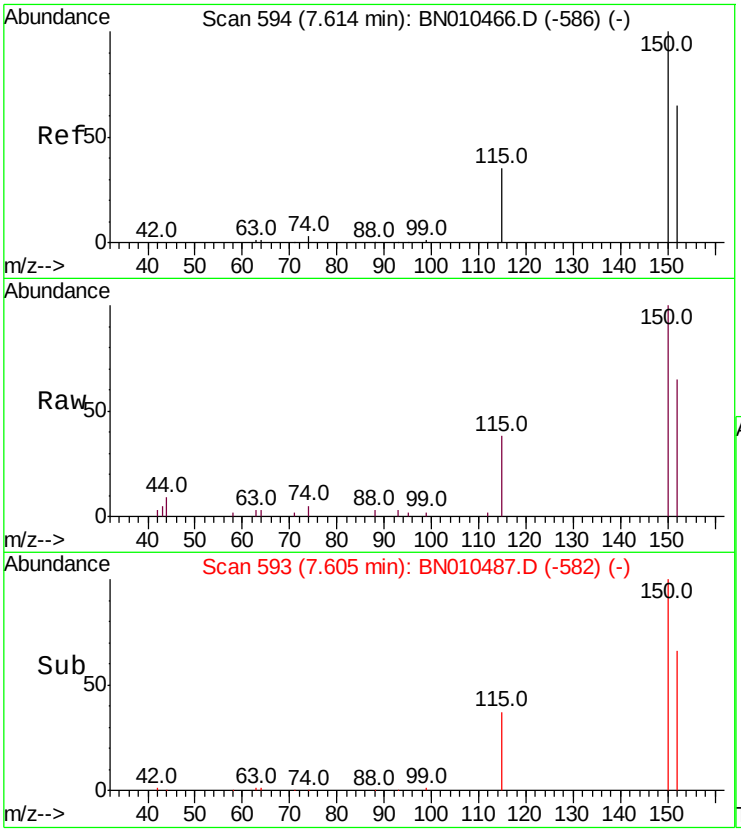
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010487.D
Acq On : 14 Apr 2020 20:53
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 14 22:42:03 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



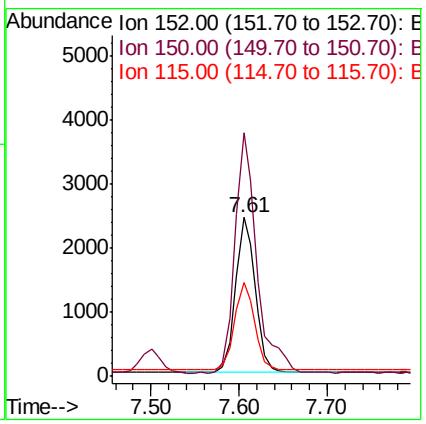


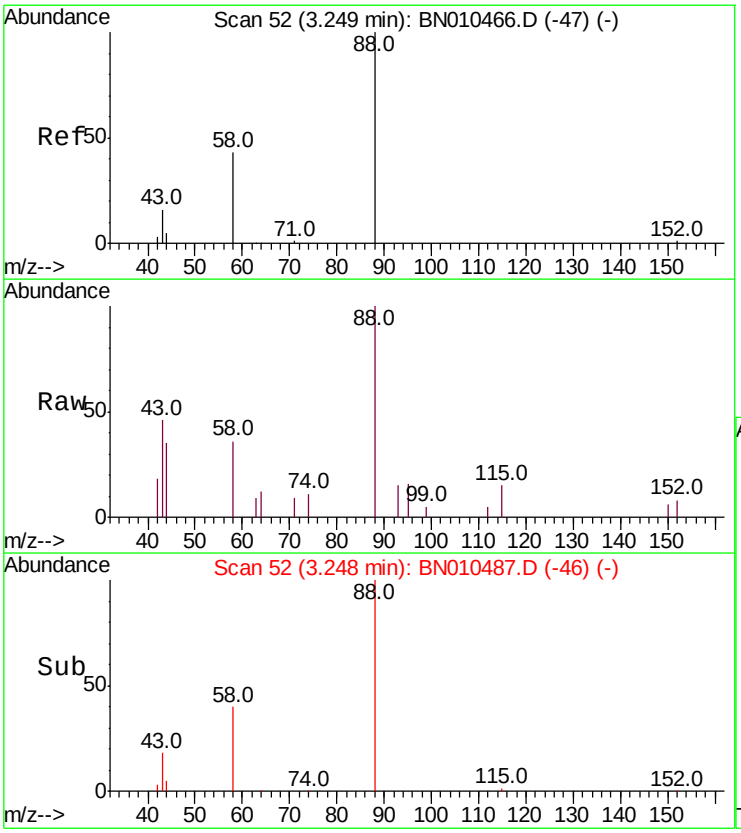
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3795

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.8	182.6
115	58.8	45.5	68.3

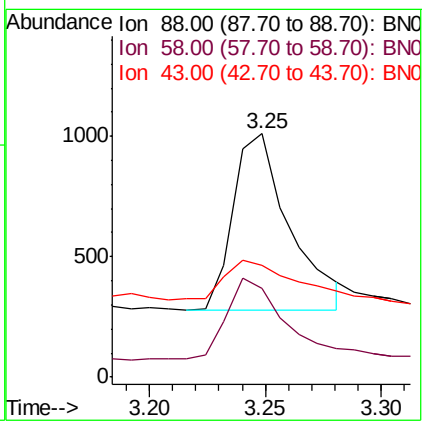


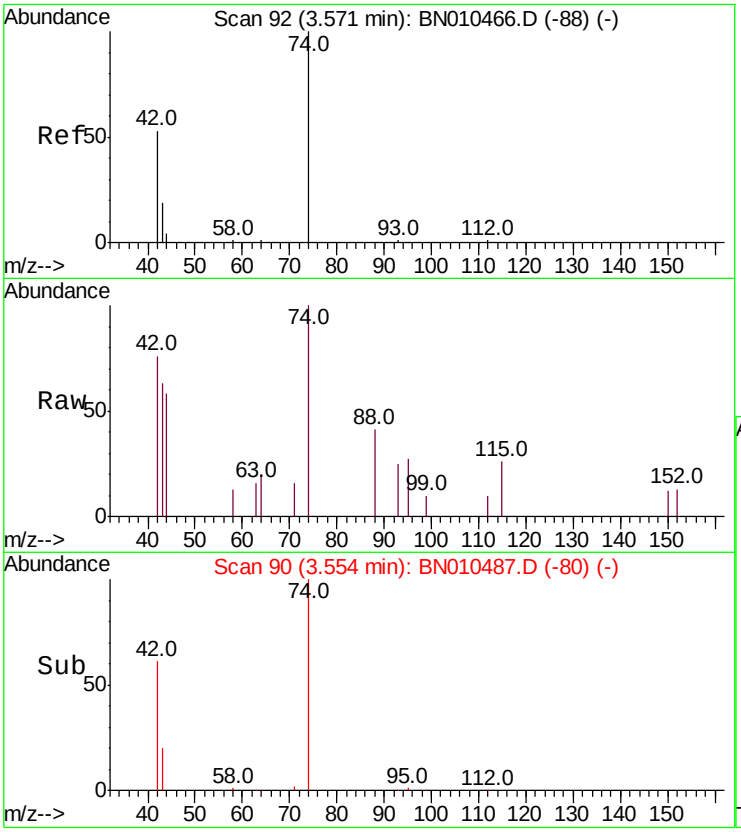


#2
1,4-Dioxane
Concen: 0.447 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion: 88 Resp: 1248

Ion	Ratio	Lower	Upper
88	100		
58	45.4	36.5	54.7
43	26.8	13.2	19.8#



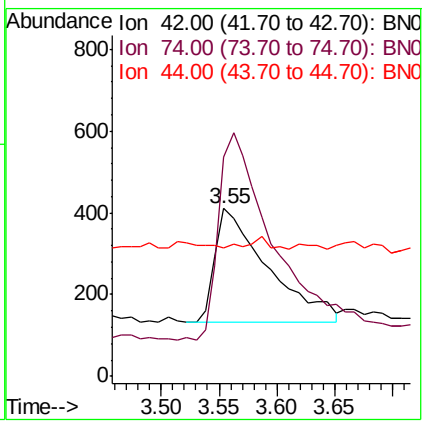


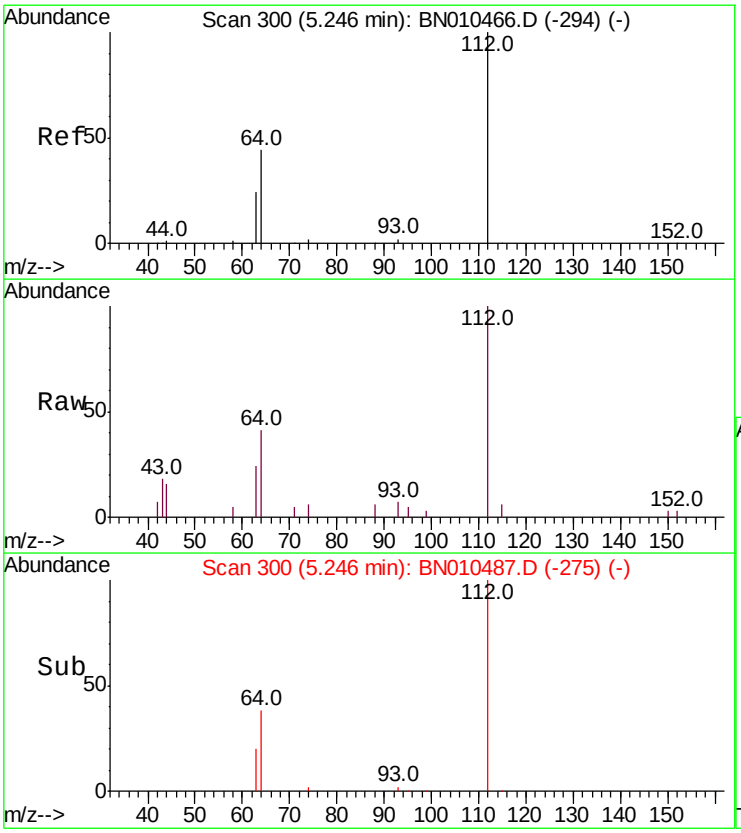
#3
n-Nitrosodimethylamine
Concen: 0.479 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 868

Ion	Ratio	Lower	Upper
42	100		
74	188.2	162.2	243.4
44	0.0	2.4	3.6#

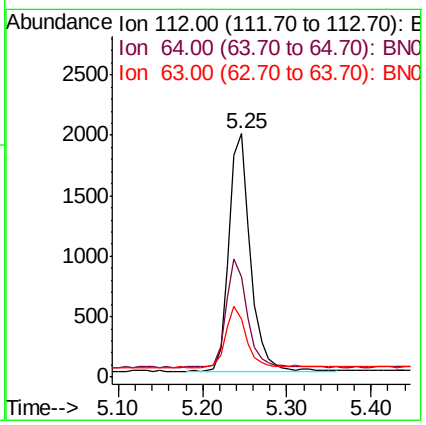


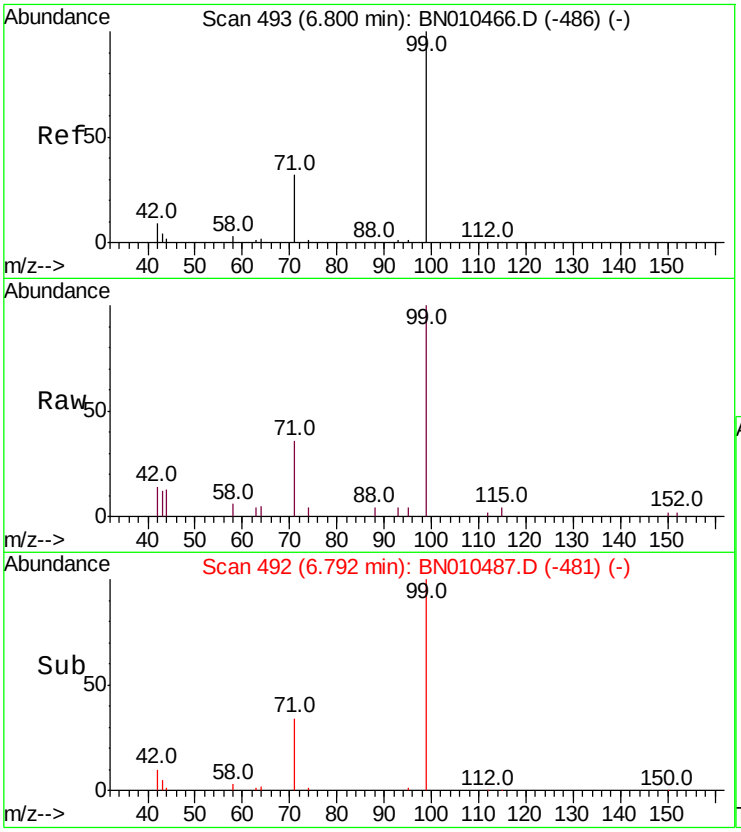


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:112 Resp: 3428

Ion	Ratio	Lower	Upper
112	100		
64	46.0	35.8	53.8
63	24.9	19.9	29.9



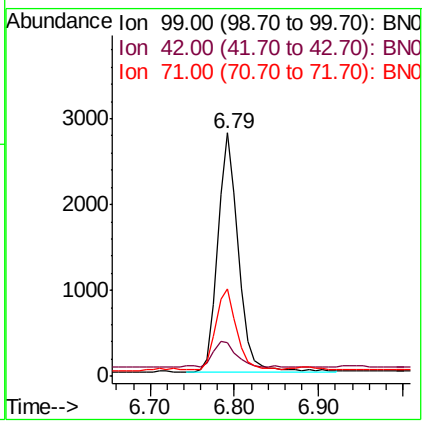


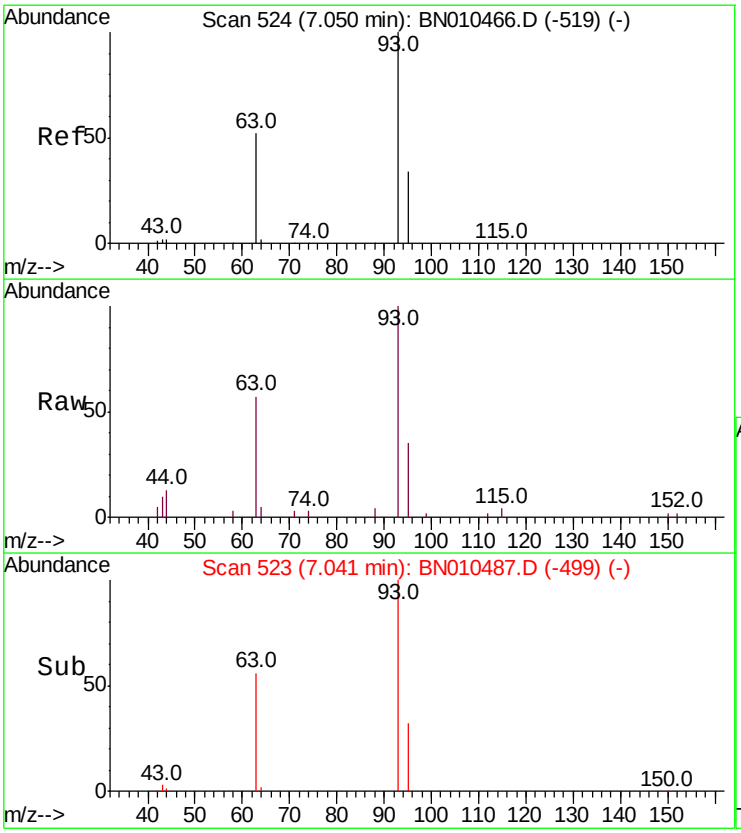
#5
Phenol-d6
Concen: 0.430 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4667

Ion	Ratio	Lower	Upper
99	100		
42	13.5	9.8	14.6
71	33.9	27.8	41.8

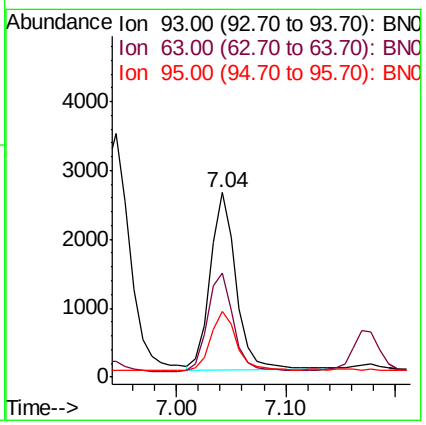


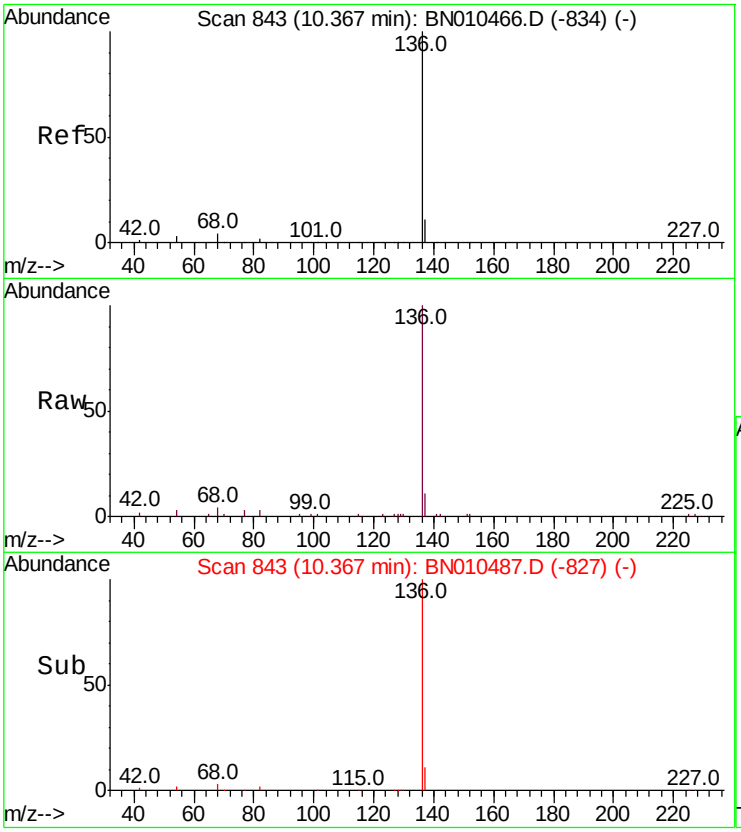


#6
bis(2-Chloroethyl)ether
Concen: 0.450 ng
RT: 7.04 min Scan# 523
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion: 93 Resp: 4234

Ion	Ratio	Lower	Upper
93	100		
63	56.0	44.6	66.8
95	33.5	26.5	39.7



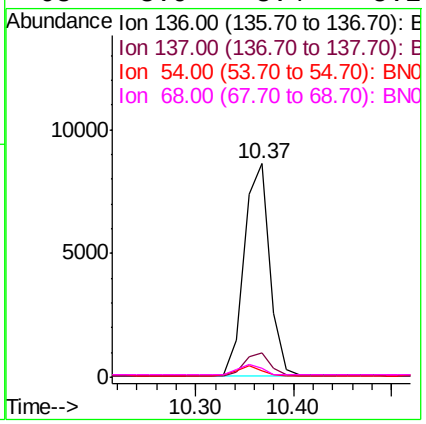


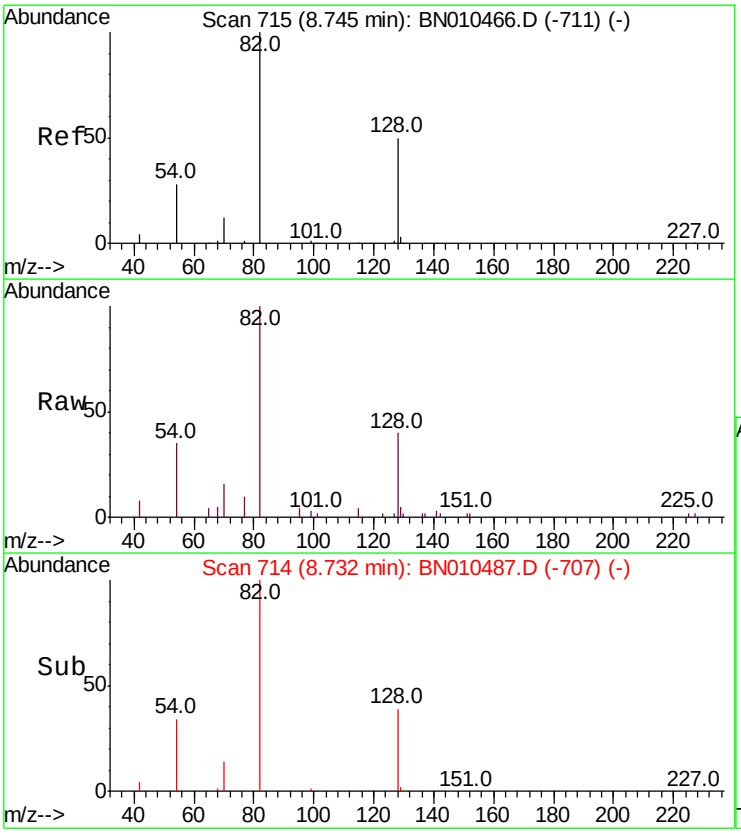
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 15465

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	3.2	2.6	4.0
68	3.9	3.4	5.2

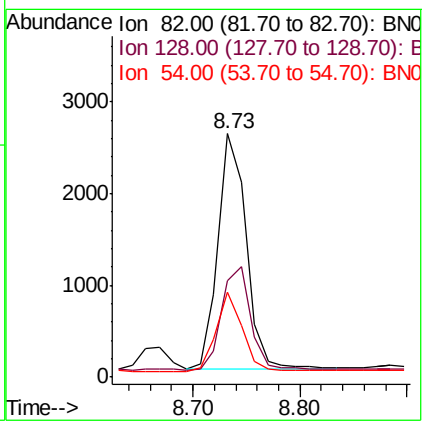


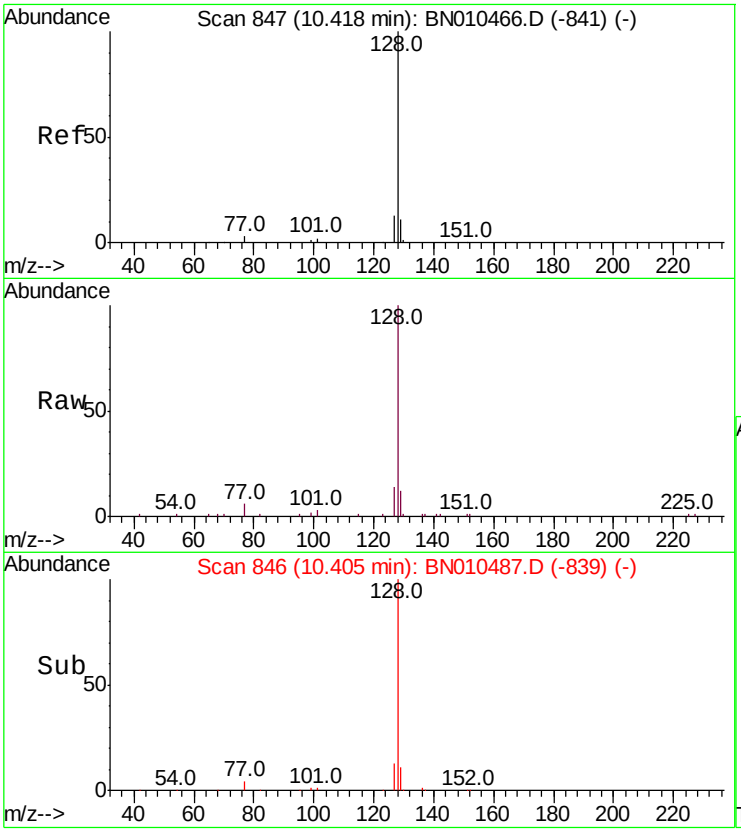


#8
Nitrobenzene-d5
Concen: 0.434 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion: 82 Resp: 4689

Ion	Ratio	Lower	Upper
82	100		
128	39.5	41.3	61.9#
54	35.1	23.4	35.0#



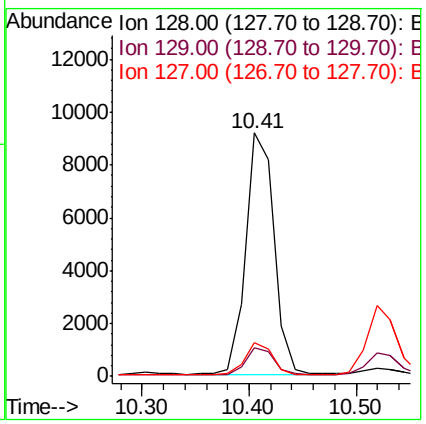


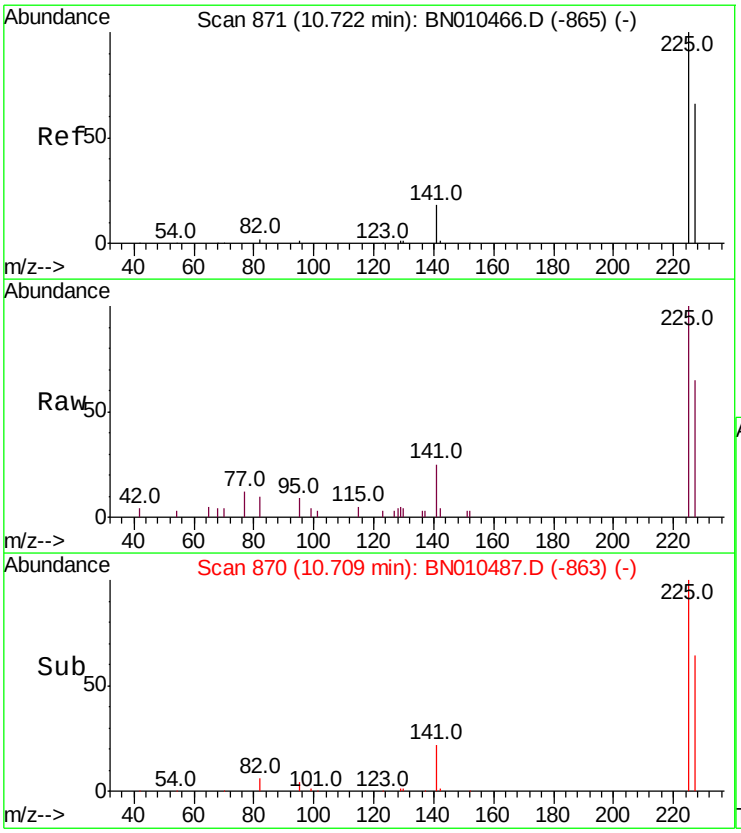
#9
Naphthalene
Concen: 0.439 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 16855

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	14.0	10.5	15.7

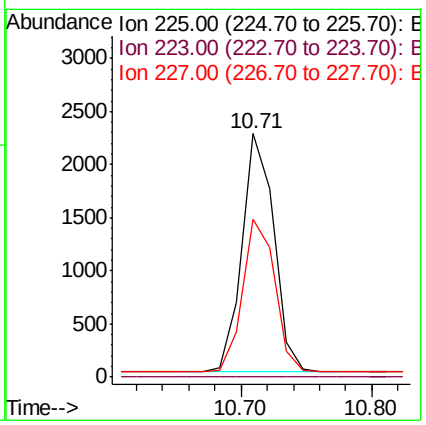


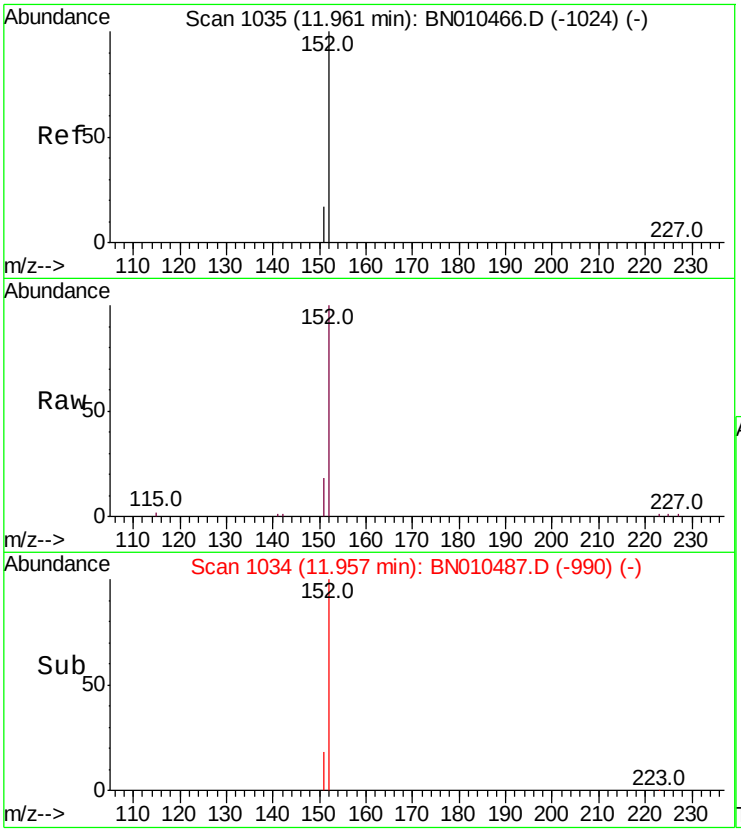


#10
Hexachlorobutadiene
Concen: 0.409 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:225 Resp: 3786

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.1	50.6	76.0



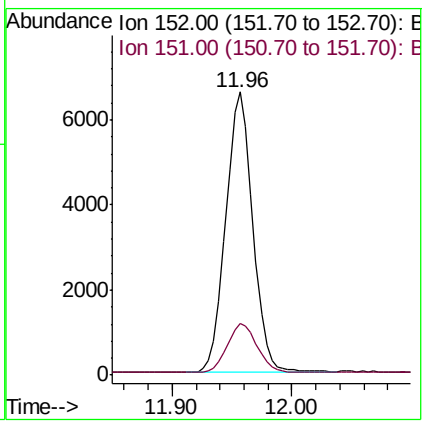


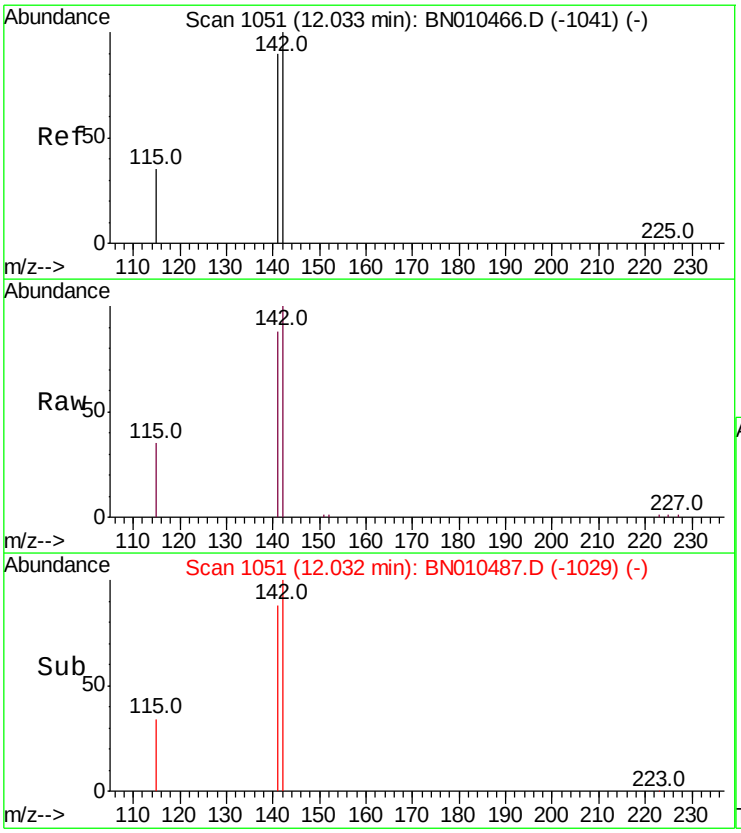
#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10346

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9

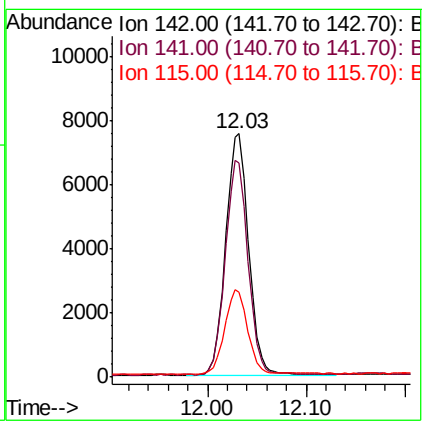


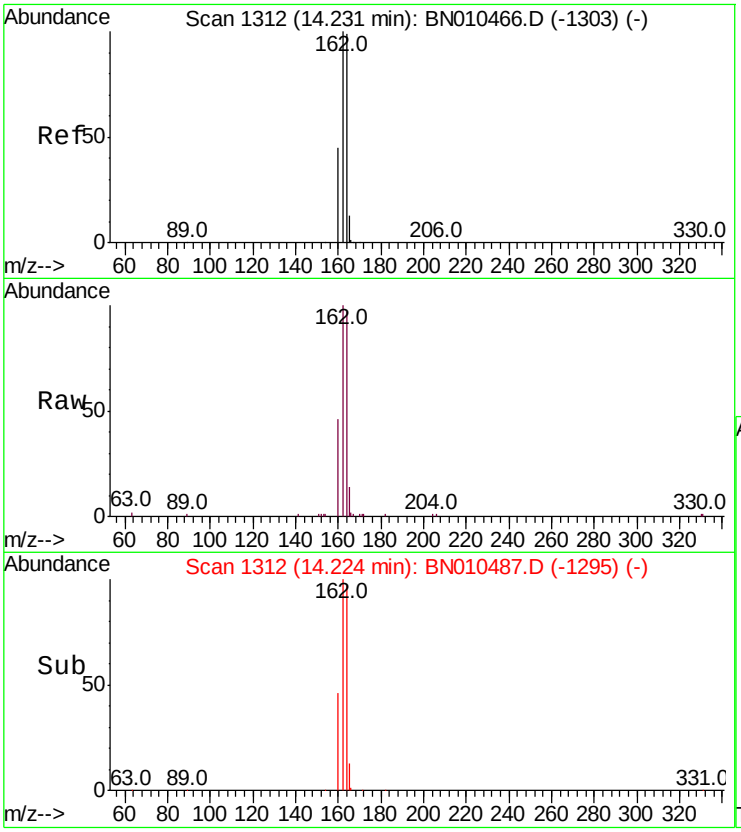


#12
2-Methylnaphthalene
Concen: 0.443 ng
RT: 12.03 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:142 Resp: 12225

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.9	107.9
115	34.7	28.8	43.2



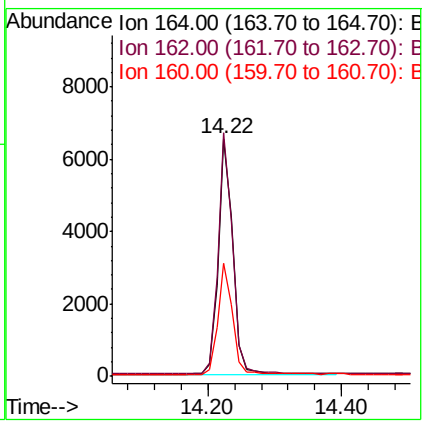


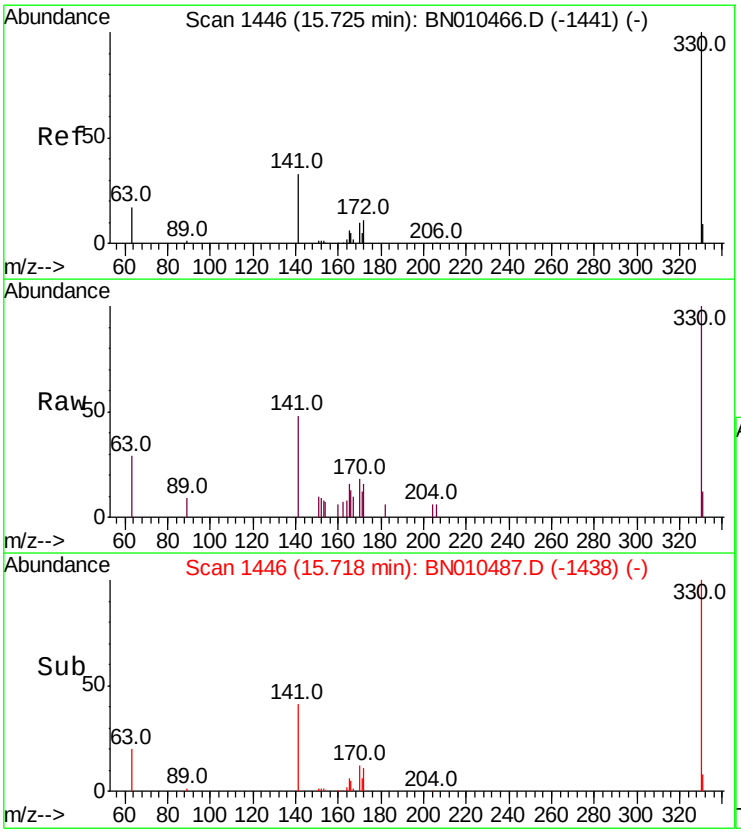
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9972

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	121.0
160	47.6	36.5	54.7

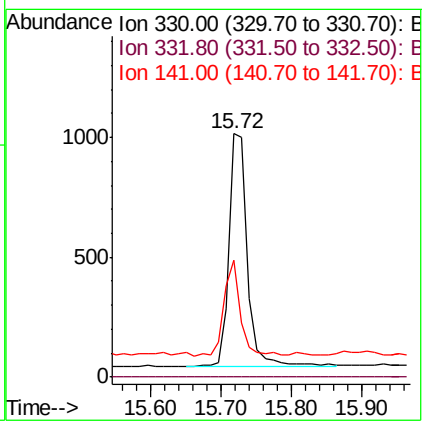


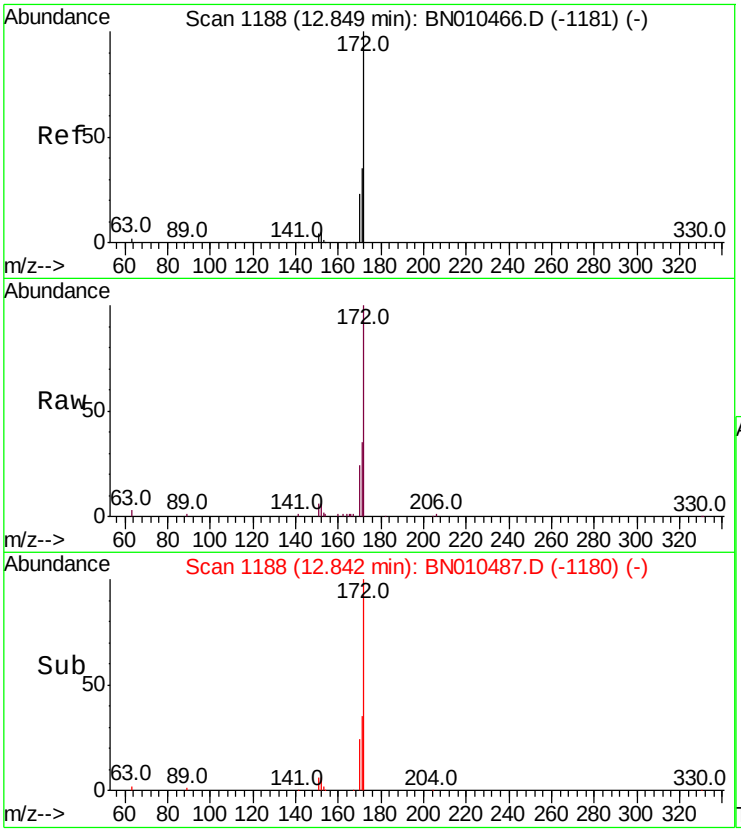


#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.72 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:330 Resp: 1769

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.8	28.1	42.1



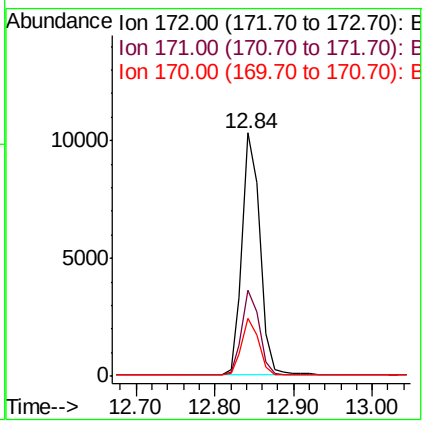


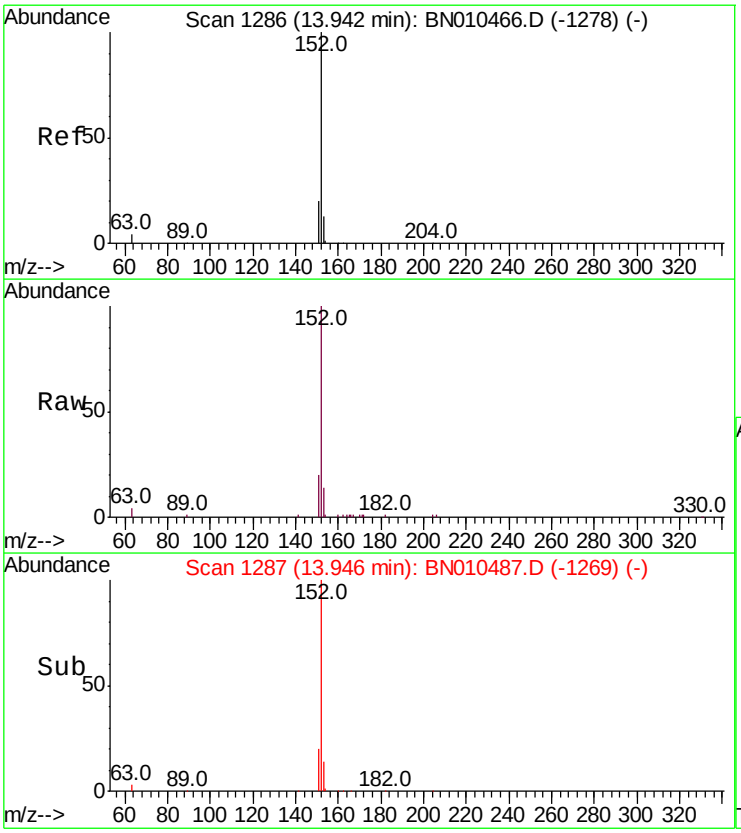
#15
2-Fluorobiphenyl
Concen: 0.450 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 16335

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	24.0	18.4	27.6

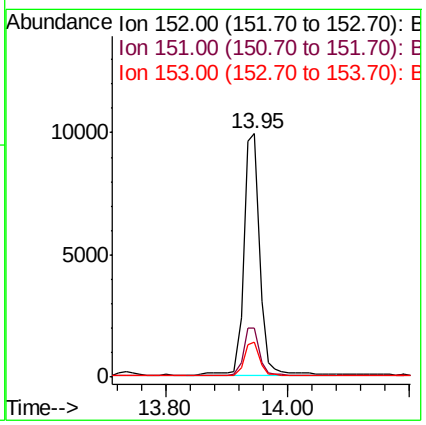


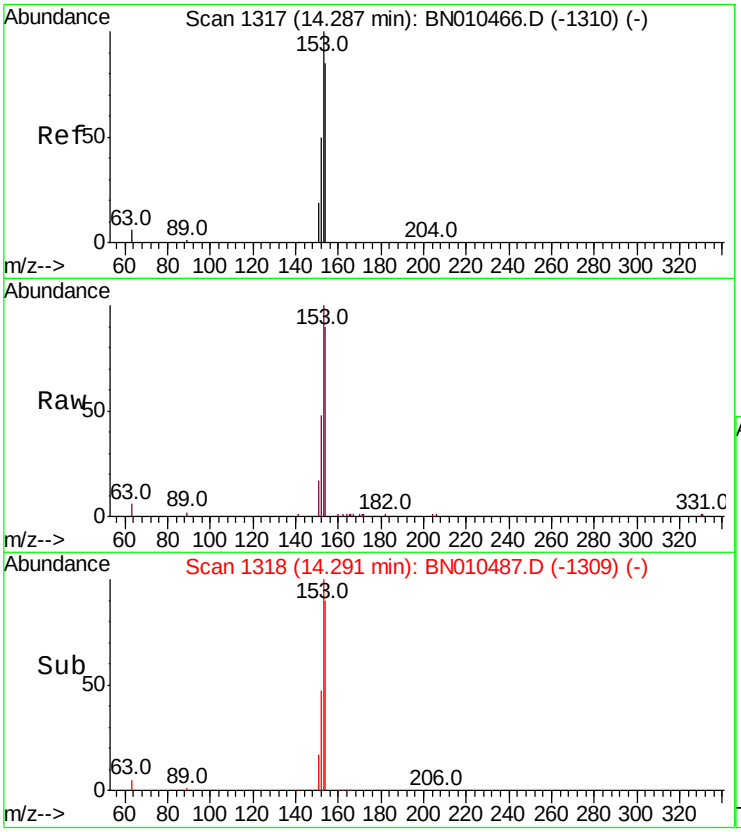


#16
Acenaphthylene
Concen: 0.420 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:152 Resp: 18082

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.3	10.6	15.8



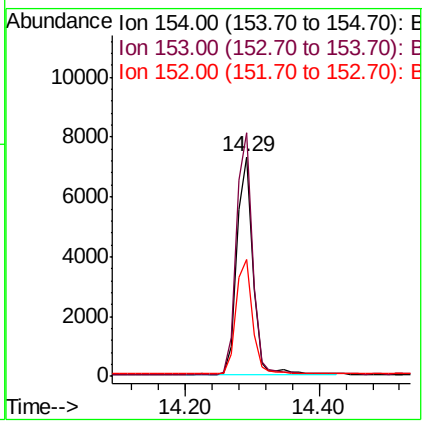


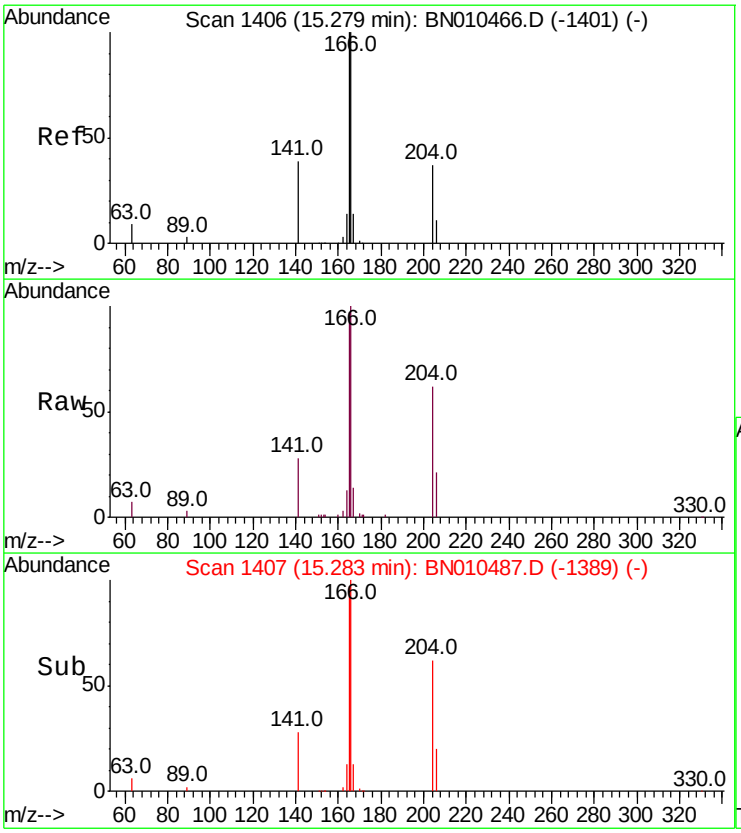
#17
Acenaphthene
Concen: 0.430 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 11905

Ion	Ratio	Lower	Upper
154	100		
153	110.4	91.0	136.4
152	53.8	44.6	67.0

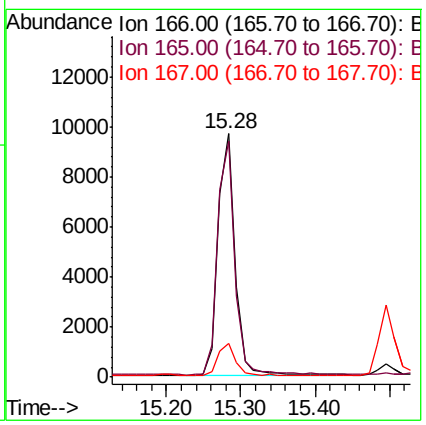


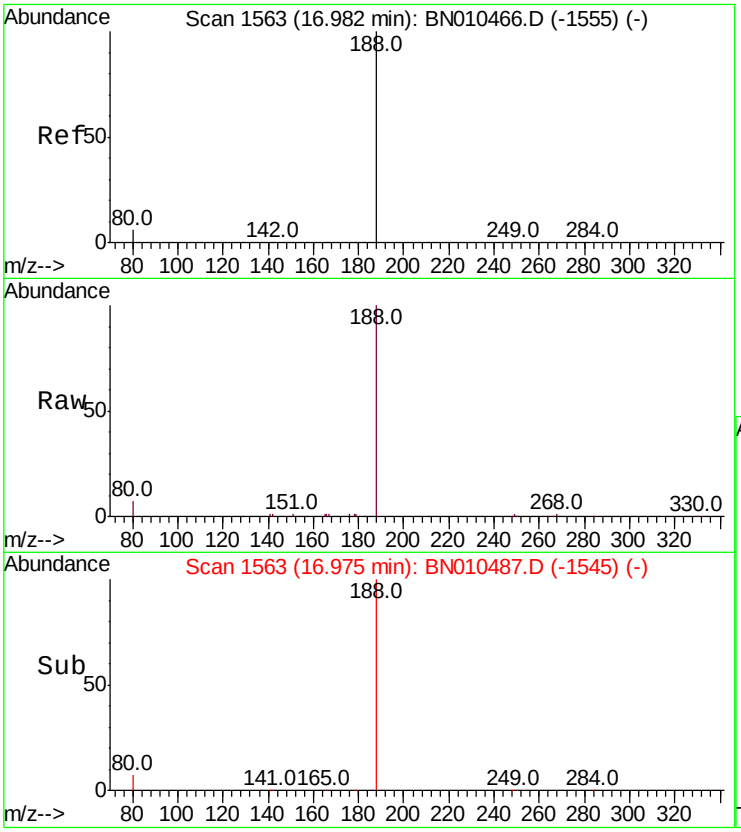


#18
Fluorene
Concen: 0.423 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:166 Resp: 15345

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.4	117.6
167	13.6	10.9	16.3



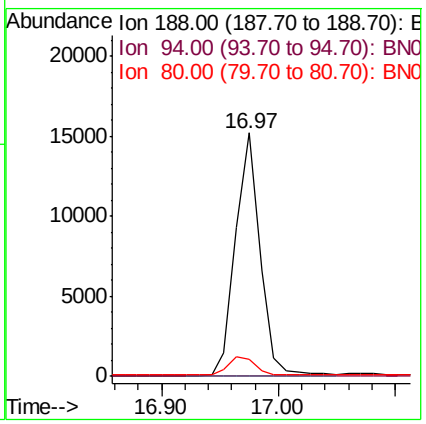


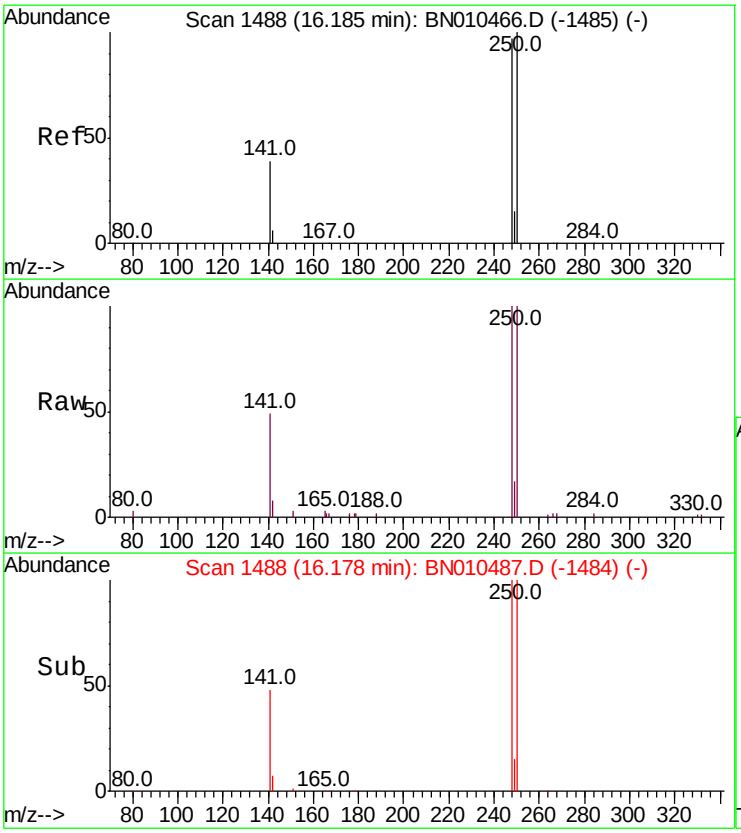
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 21793

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	5.0	7.6

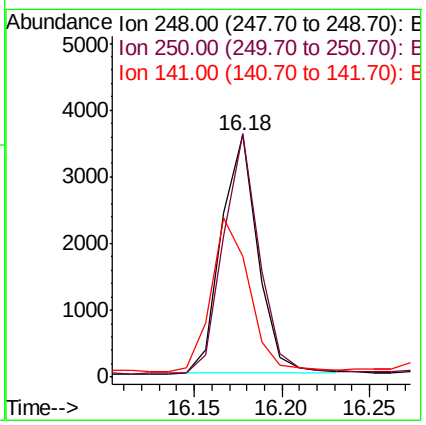


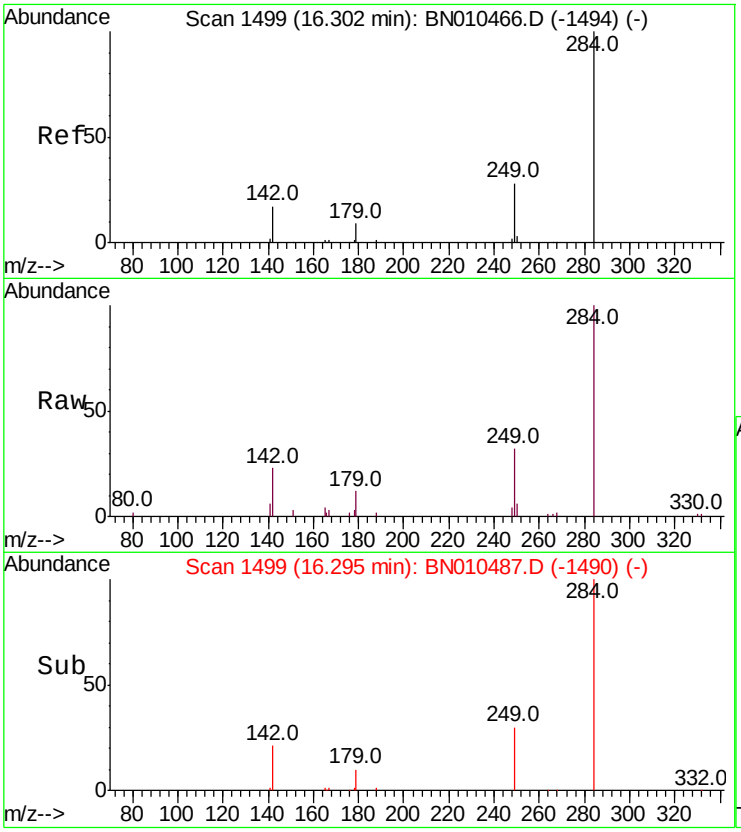


#20
4-Bromophenyl-phenylether
Concen: 0.423 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:248 Resp: 5119

Ion	Ratio	Lower	Upper
248	100		
250	100.5	82.3	123.5
141	49.7	35.2	52.8



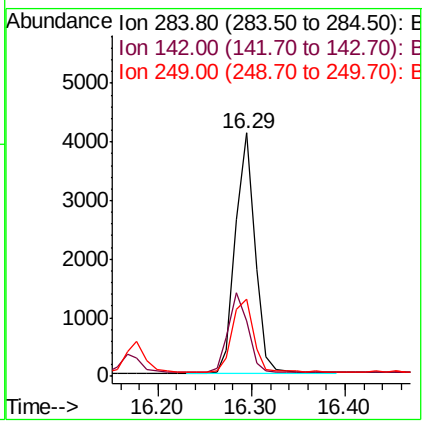


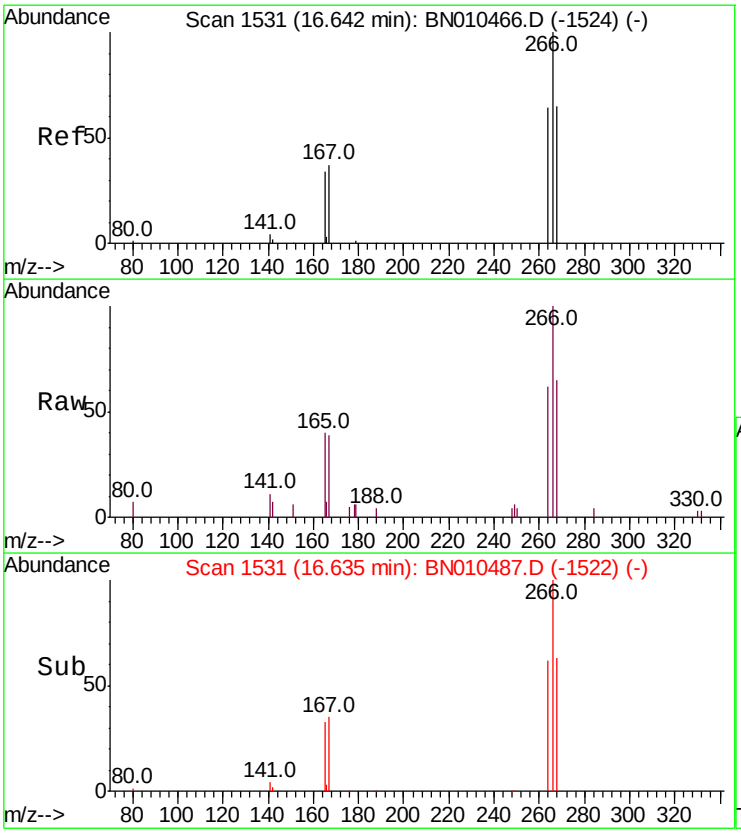
#21
Hexachlorobenzene
Concen: 0.430 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 5941

Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.5	38.3
249	32.7	25.8	38.6

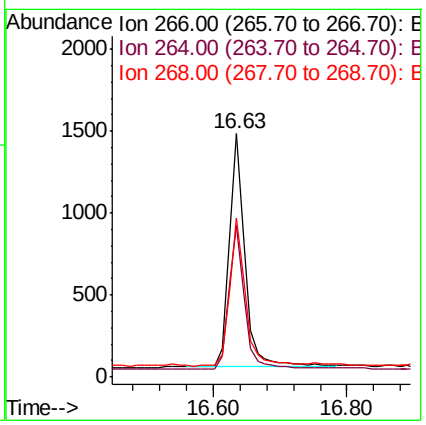


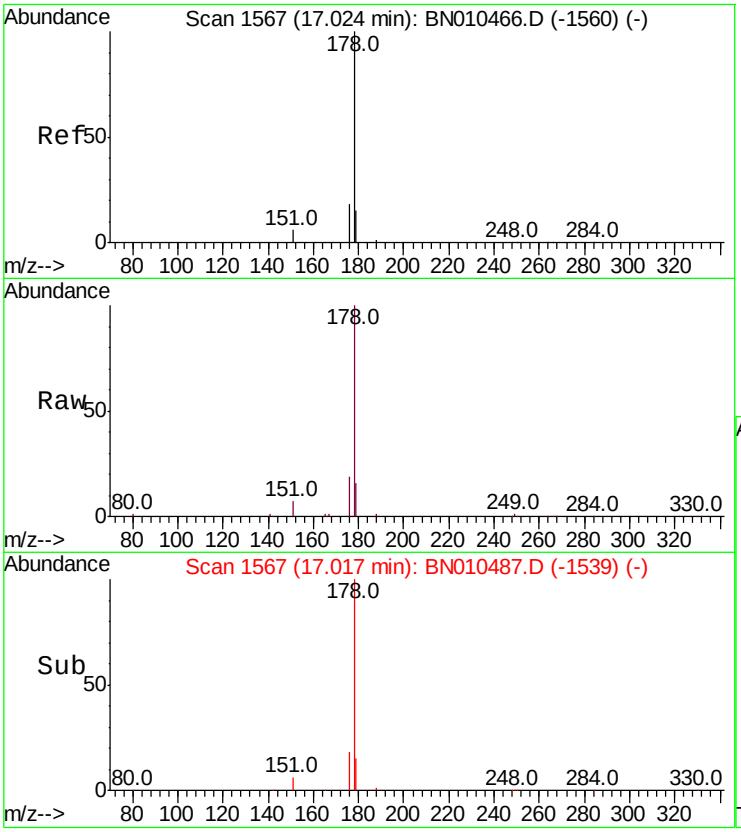


#22
Pentachlorophenol
Concen: 0.430 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:266 Resp: 2337

Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.8	77.6
268	65.3	53.7	80.5



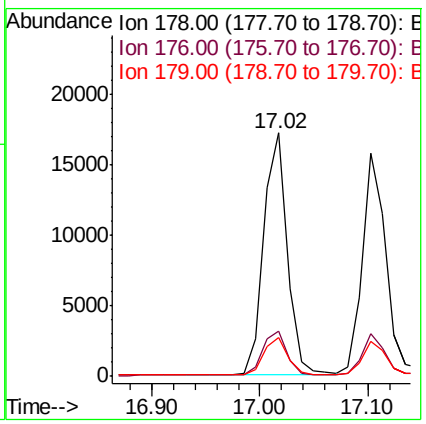


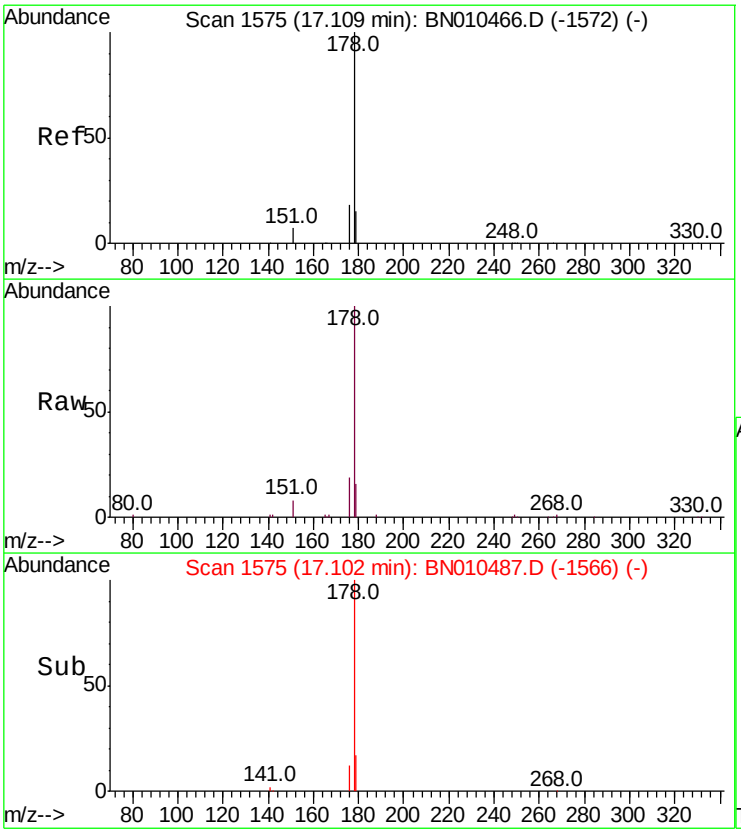
#23
Phenanthrene
Concen: 0.444 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 26142

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.6	18.8

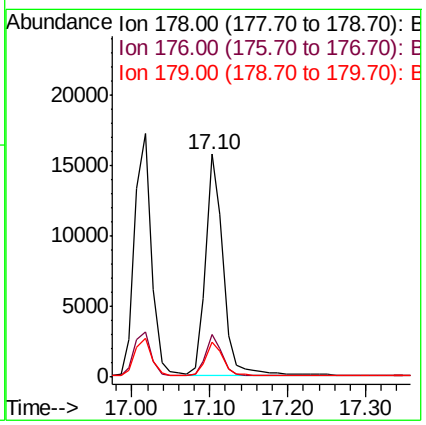


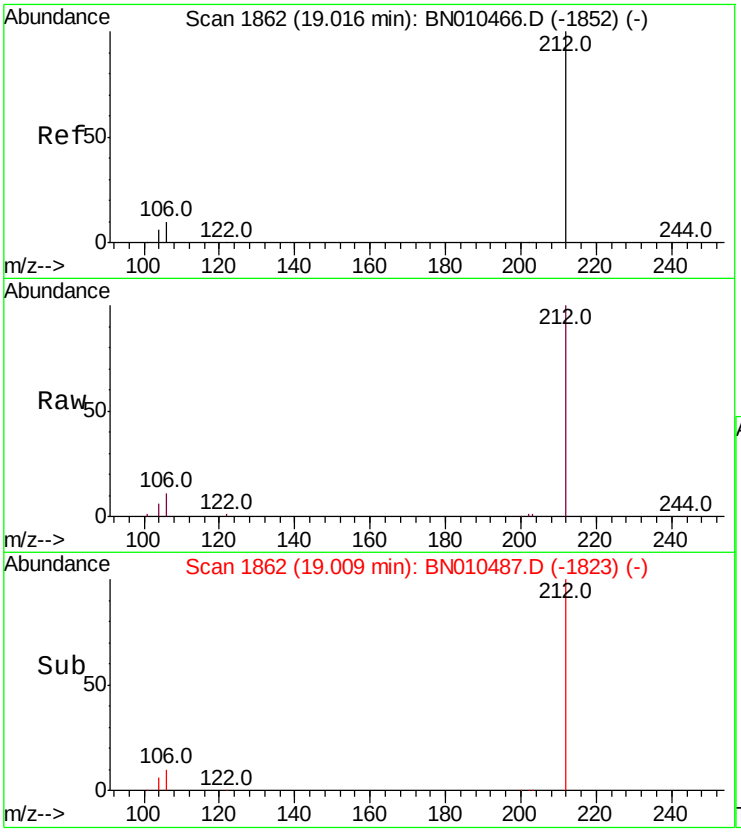


#24
Anthracene
Concen: 0.449 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:178 Resp: 24142

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	12.2	18.2



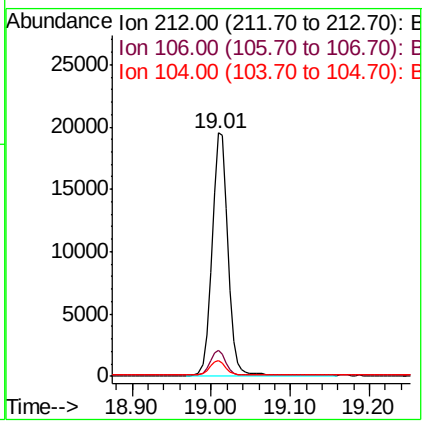


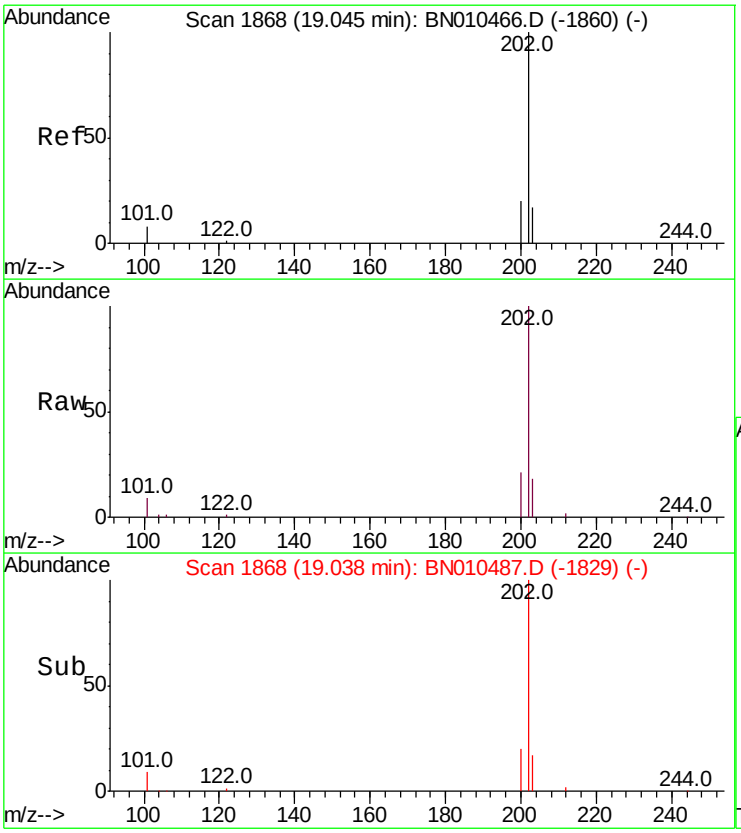
#25
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.01 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 27527

Ion	Ratio	Lower	Upper
212	100		
106	10.0	7.8	11.6
104	5.8	4.5	6.7

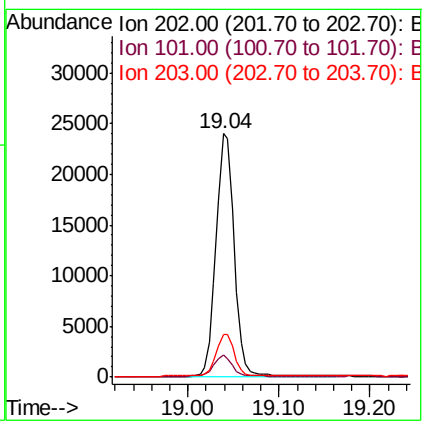


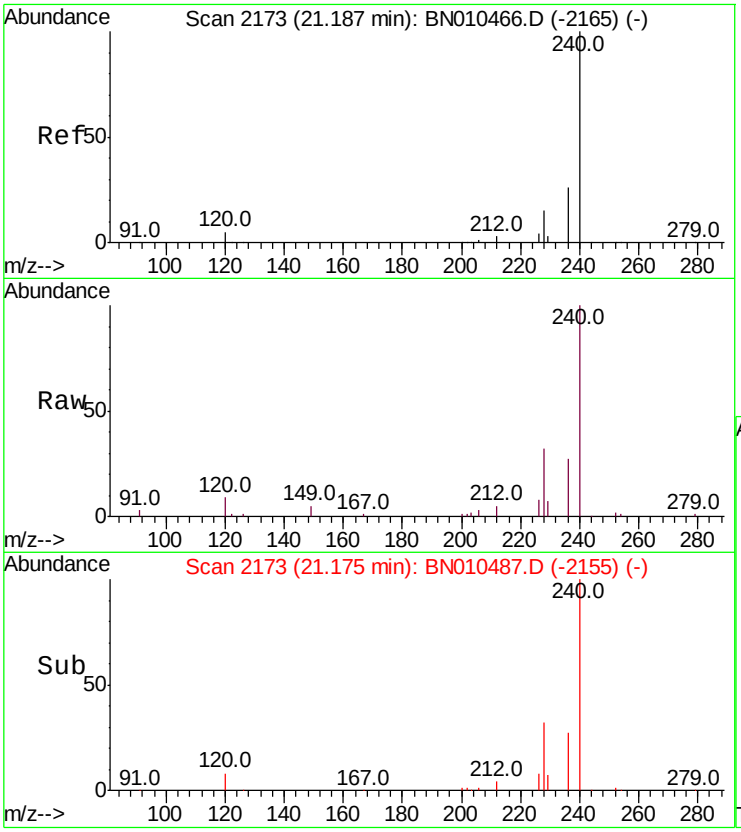


#26
Fluoranthene
Concen: 0.447 ng
RT: 19.04 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:202 Resp: 32743

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
203	17.4	13.9	20.9



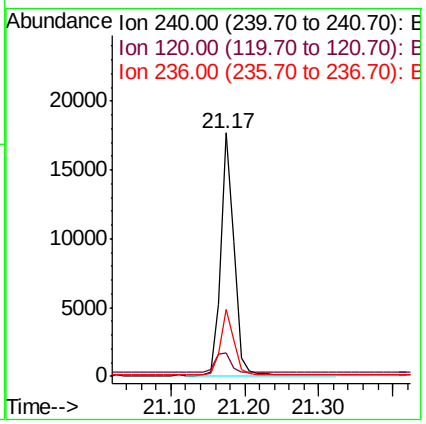


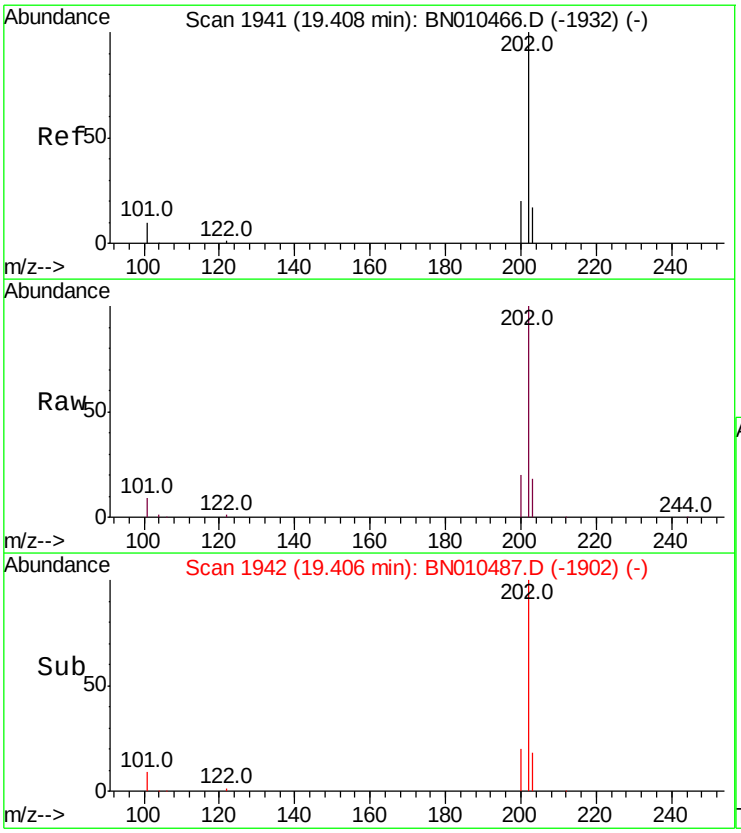
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 22309

Ion	Ratio	Lower	Upper
240	100		
120	9.4	4.8	7.2#
236	27.3	21.4	32.0

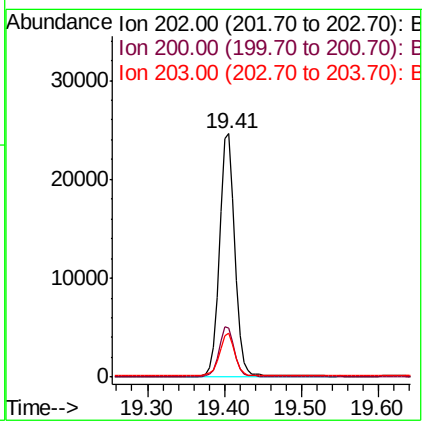


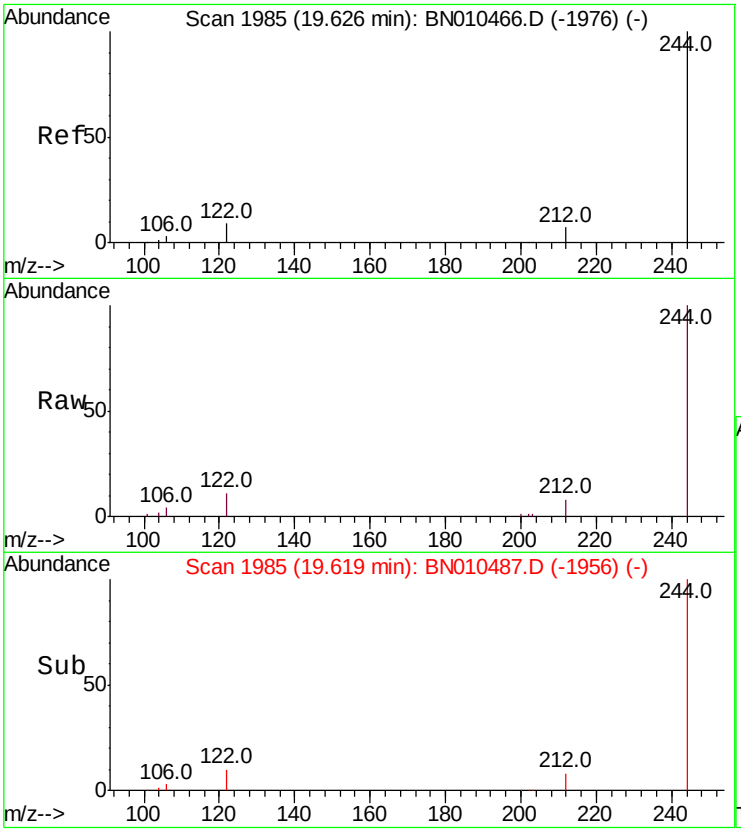


#28
Pyrene
Concen: 0.447 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:202 Resp: 33581

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	18.1	14.0	21.0



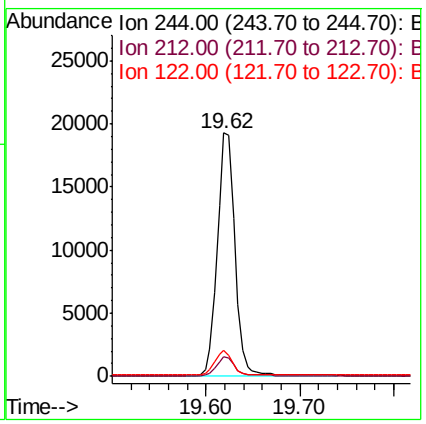


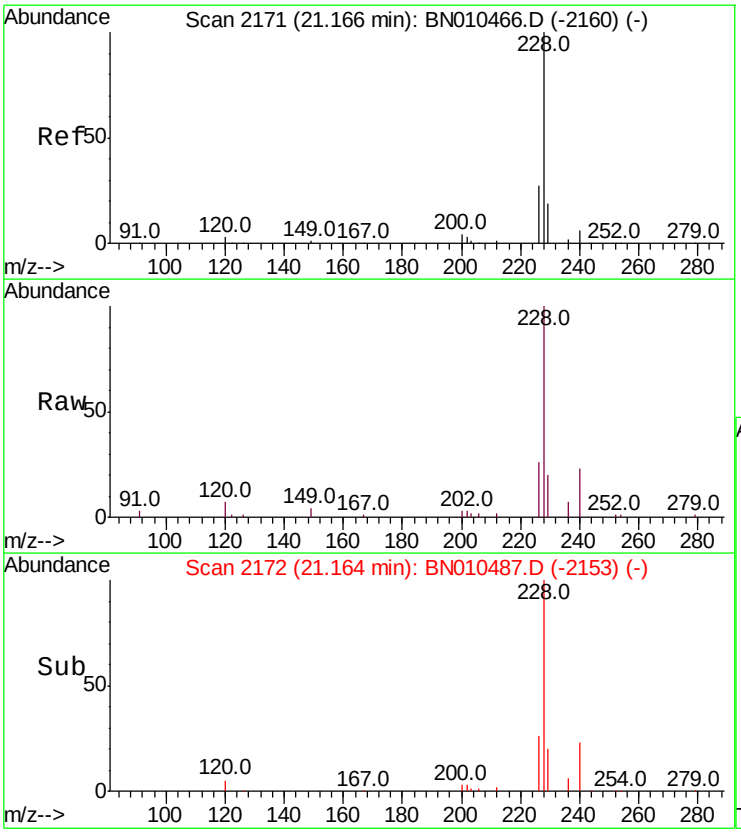
#29
Terphenyl-d14
Concen: 0.489 ng
RT: 19.62 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 24945

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	10.6	7.8	11.8

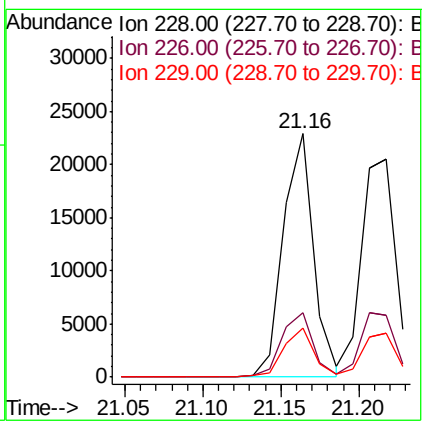


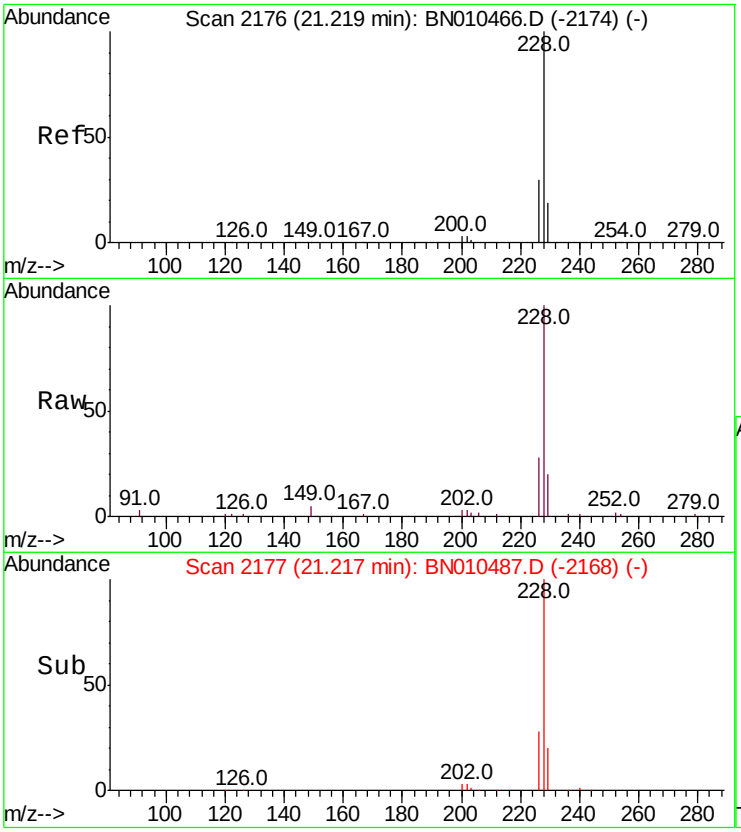


#30
Benzo(a)anthracene
Concen: 0.418 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:228 Resp: 30438

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	20.2	15.6	23.4



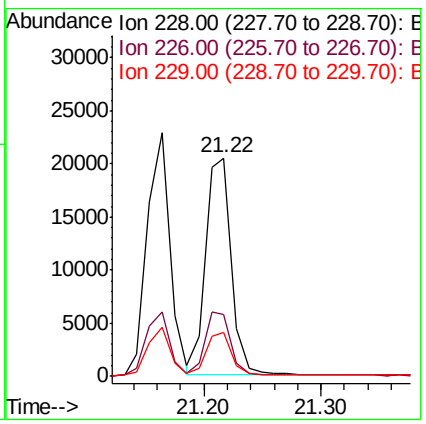


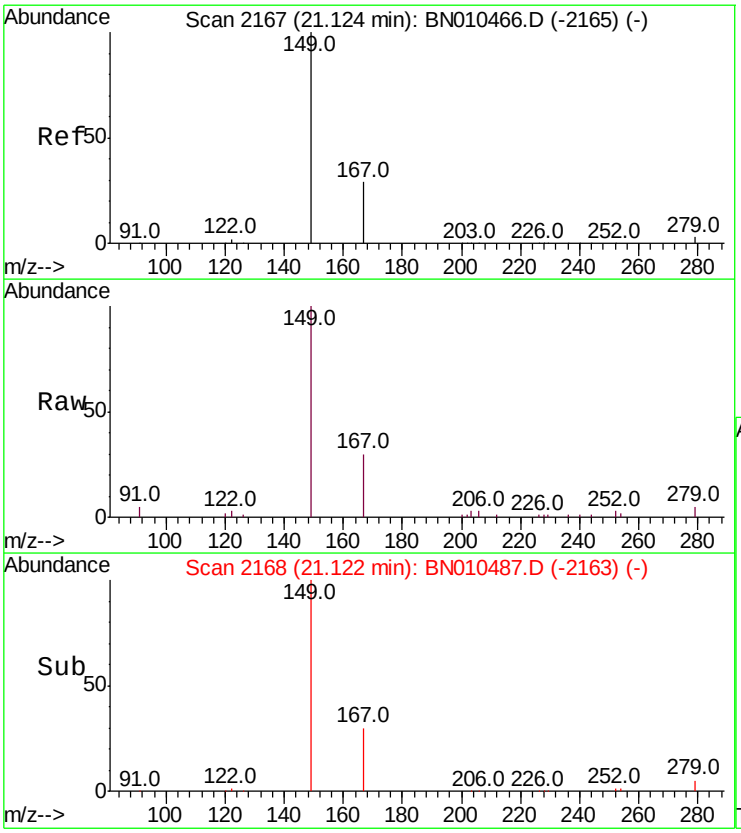
#31
Chrysene
Concen: 0.432 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 31322

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.0	36.0
229	20.2	15.8	23.6

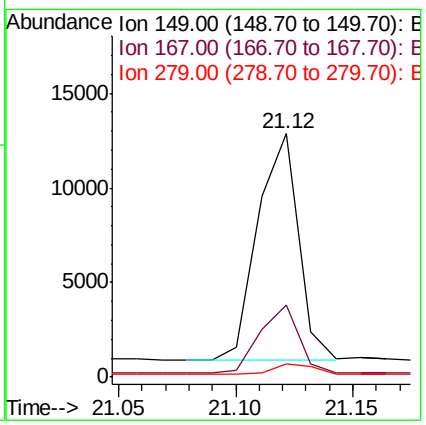


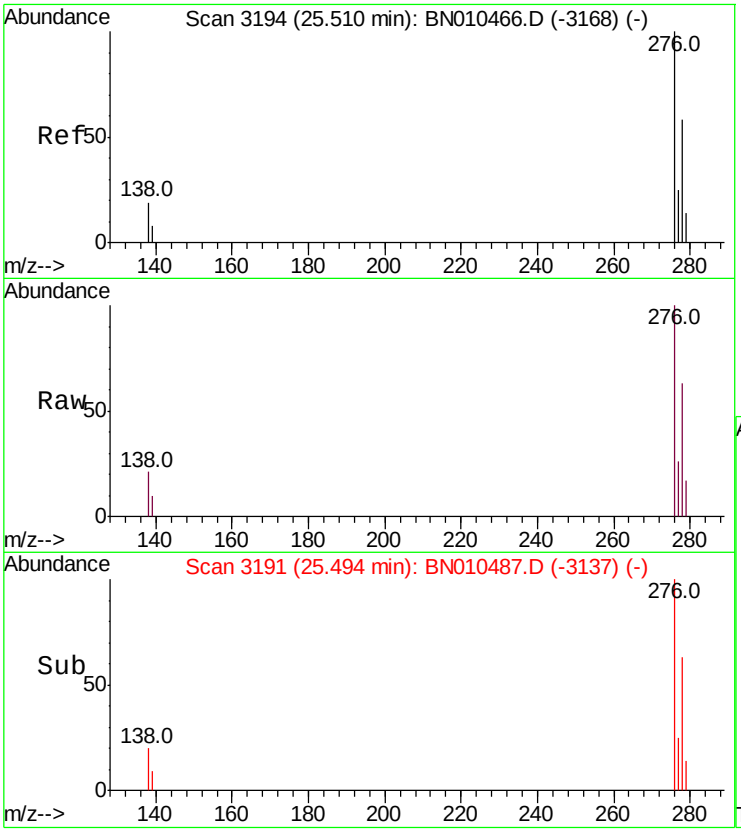


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.390 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:149 Resp: 14557

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.4	35.0
279	4.9	4.0	6.0



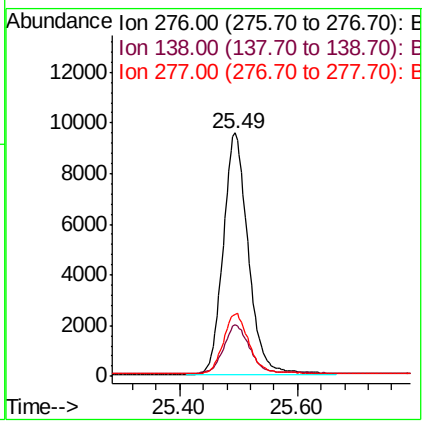


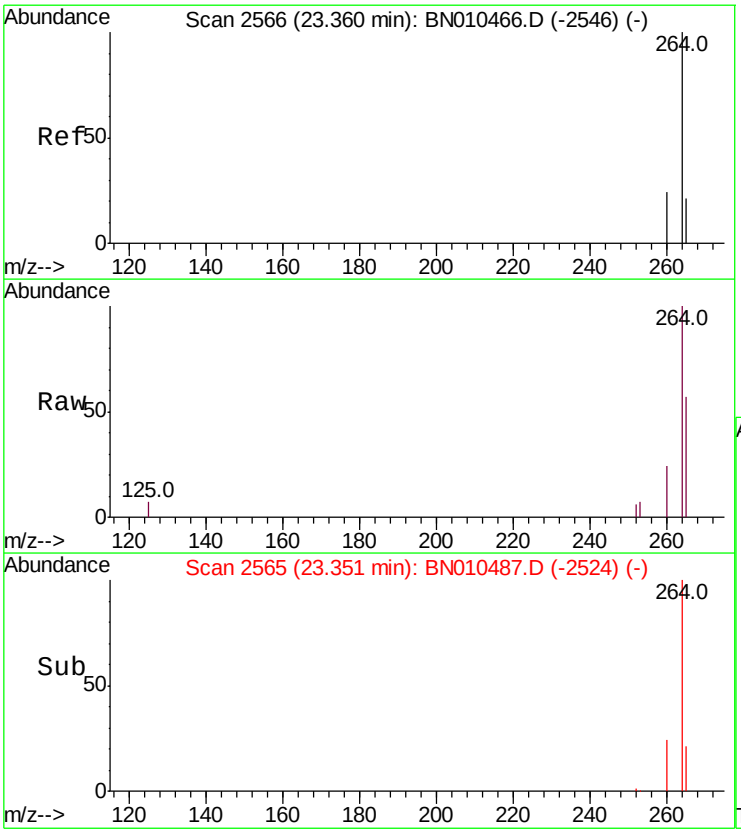
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng
RT: 25.49 min Scan# 3191
Delta R.T. -0.02 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 27993

Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.4	24.6
277	24.7	19.8	29.6

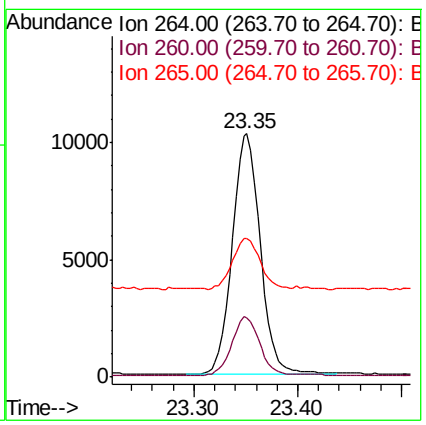


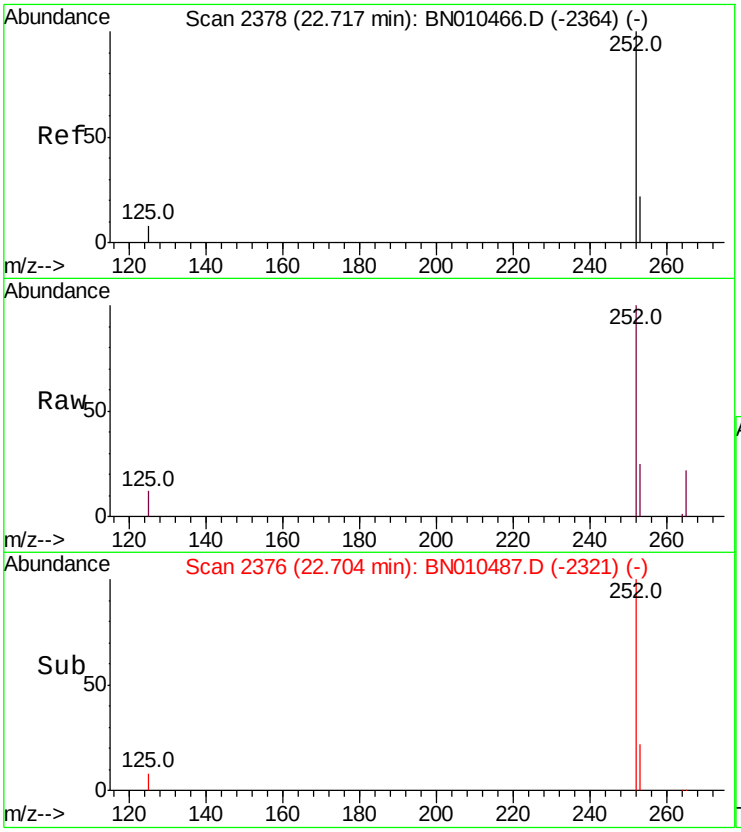


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:264 Resp: 19258

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	57.2	42.3	63.5



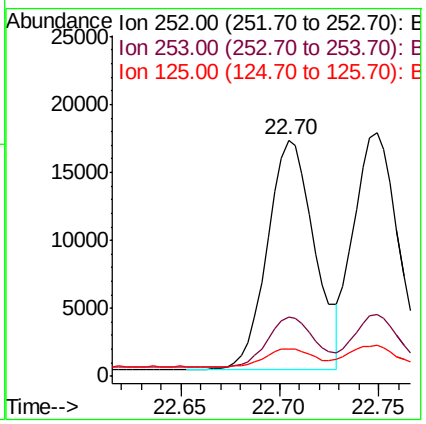


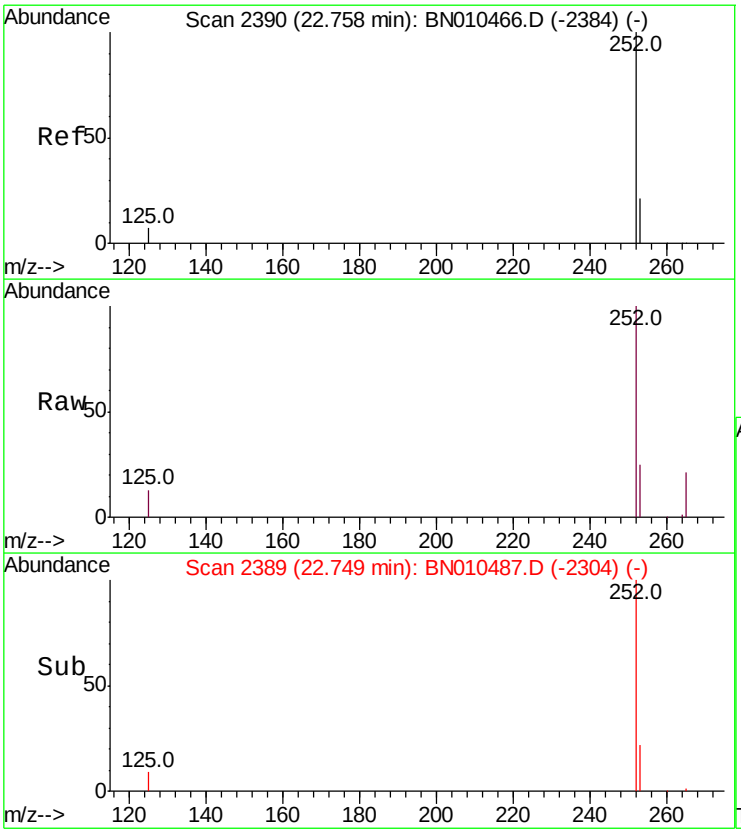
#35
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 22.70 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 27800

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.2	30.4
125	11.7	9.2	13.8

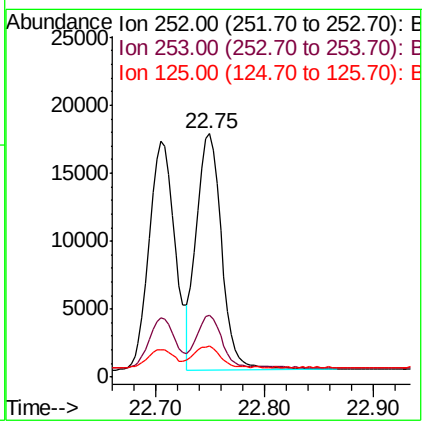


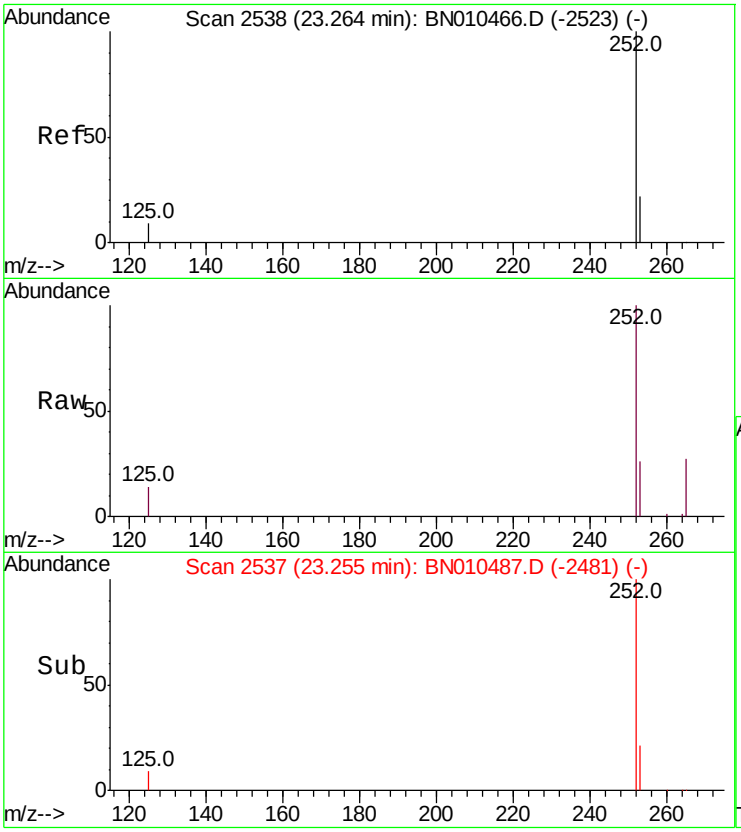


#36
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:252 Resp: 27812

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.1	30.1
125	12.7	9.6	14.4



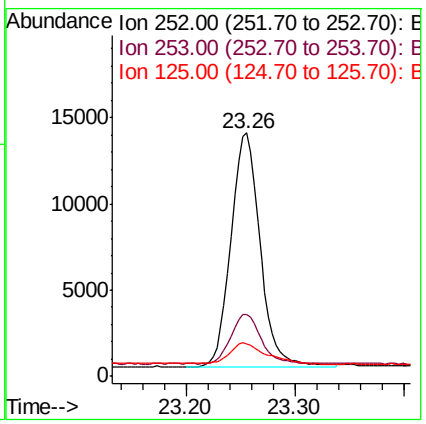


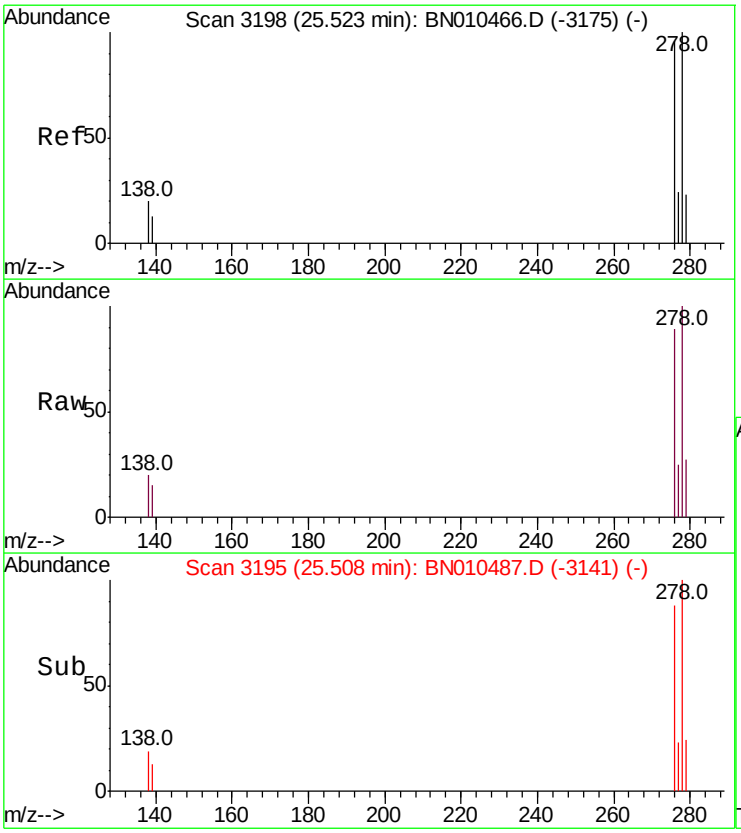
#37
Benzo(a)pyrene
Concen: 0.450 ng
RT: 23.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 25240

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.8	32.8
125	13.5	11.0	16.6

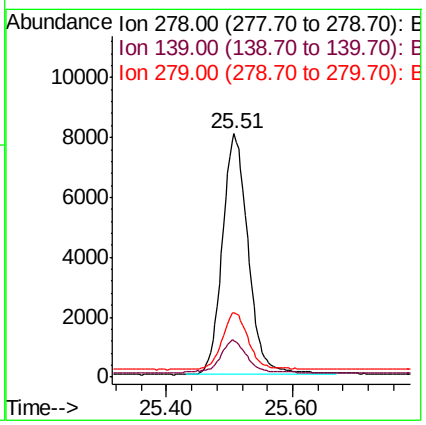


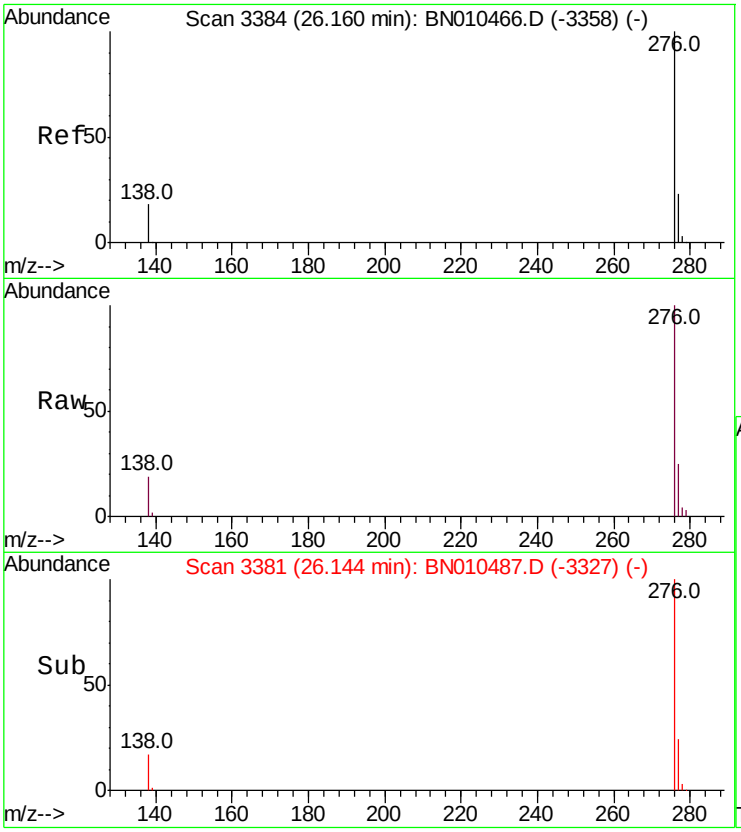


#38
Dibenzo(a,h)anthracene
Concen: 0.449 ng
RT: 25.51 min Scan# 3195
Delta R.T. -0.02 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:278 Resp: 23053

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.3	18.5
279	26.5	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.459 ng
RT: 26.14 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 23725

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.2
138	18.6	15.4	23.2