Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010293.D
Acq On : 19 Mar 2020 18:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 20 01:24:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4089	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	14006	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8354	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	19462	0.40	ng		0.00
27) Chrysene-d12	21.19	240	21595	0.40	ng		0.00
34) Perylene-d12	23.36	264	23410	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3203	0.40	ng		0.00
5) Phenol-d6	6.80	99	4008	0.40	ng		0.00
8) Nitrobenzene-d5	8.74	82	3471	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	8639	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1148	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	13048	0.41	ng		0.00
25) Fluoranthene-d10	19.02	212	22581	0.38	ng		0.00
29) Terphenyl-d14	19.63	244	18372	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1642	0.428	ng		98
3) n-Nitrosodimethylamine	3.55	42	1240	0.382	ng	#	98
6) bis(2-Chloroethyl)ether	7.06	93	3950	0.408	ng		100
9) Naphthalene	10.43	128	14099	0.404	ng		100
10) Hexachlorobutadiene	10.73	225	3444	0.407	ng	#	98
12) 2-Methylnaphthalene	12.05	142	9507	0.393	ng		99
16) Acenaphthylene	13.96	152	12397	0.378	ng		99
17) Acenaphthene	14.30	154	9144	0.391	ng		100
18) Fluorene	15.29	166	12245	0.395	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	4675	0.396	ng		100
21) Hexachlorobenzene	16.31	284	4895	0.404	ng		100
22) Pentachlorophenol	16.65	266	1432	0.345	ng		97
23) Phenanthrene	17.03	178	21318	0.399	ng		100
24) Anthracene	17.11	178	17267	0.377	ng		100
26) Fluoranthene	19.05	202	25826	0.394	ng		99
28) Pyrene	19.42	202	25907	0.385	ng		100
30) Benzo(a)anthracene	21.17	228	26856	0.390	ng		99
31) Chrysene	21.22	228	29271	0.397	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	8744	0.377	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	36537	0.462	ng		99
35) Benzo(b)fluoranthene	22.72	252	27882	0.351	ng		100
36) Benzo(k)fluoranthene	22.76	252	31325	0.387	ng		99
37) Benzo(a)pyrene	23.27	252	24442	0.364	ng		99
38) Dibenzo(a,h)anthracene	25.52	278	30183	0.416	ng		99
39) Benzo(g,h,i)perylene	26.16	276	27932	0.382	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010293.D
Acq On : 19 Mar 2020 18:02
Operator : CG/JU
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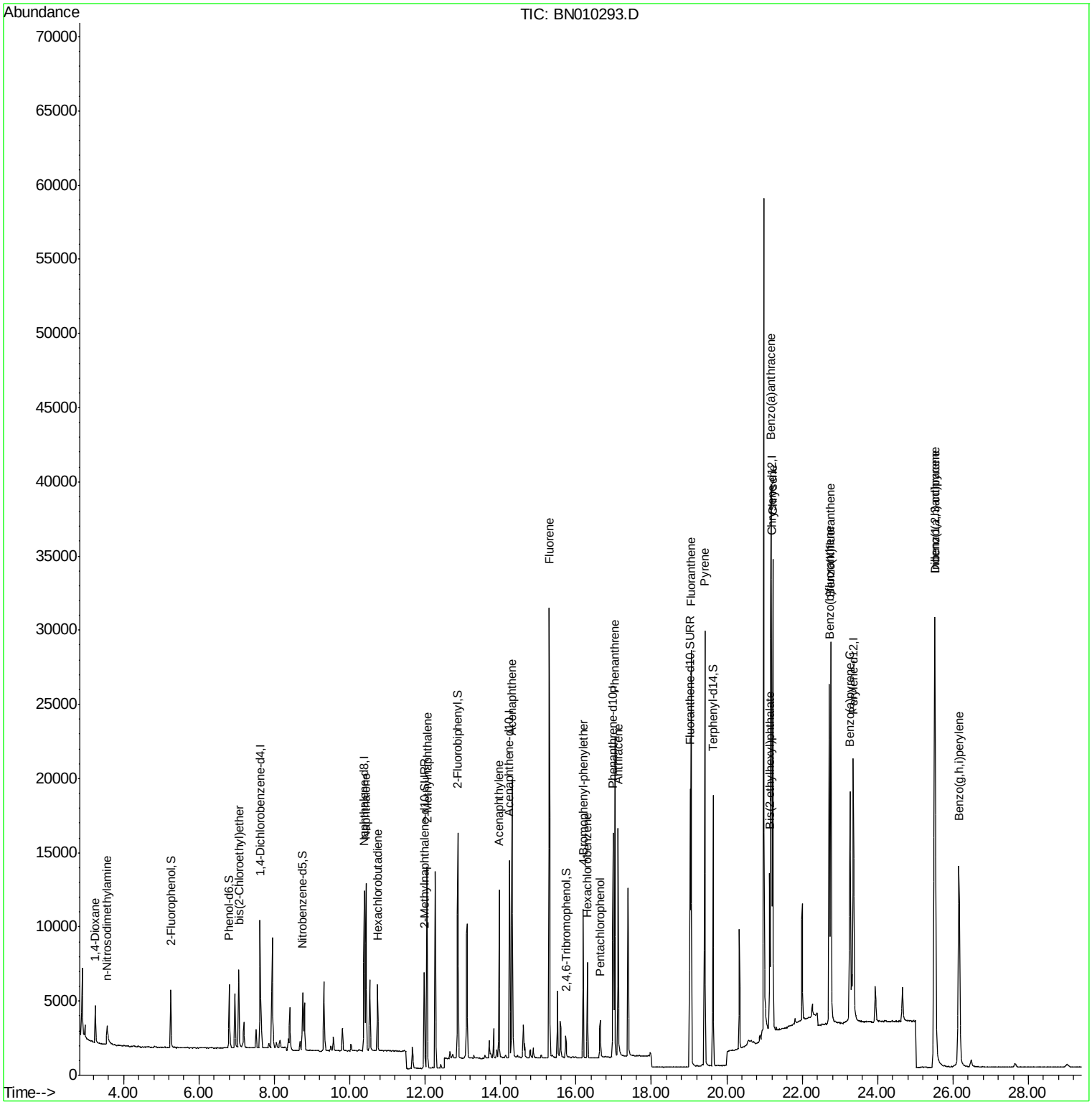
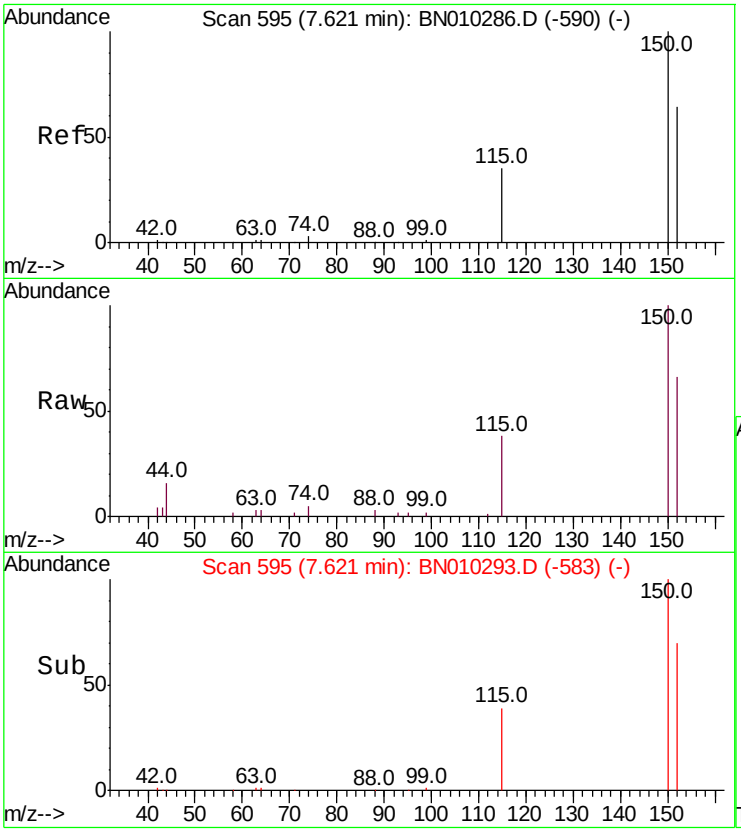
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 20 01:24:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration



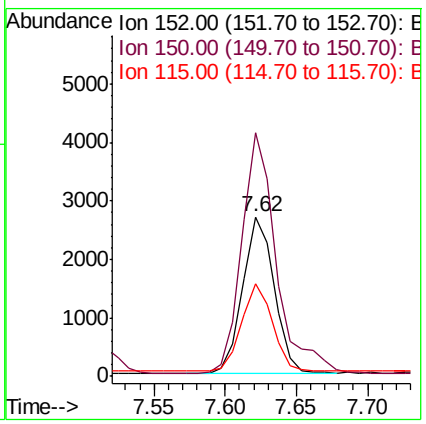


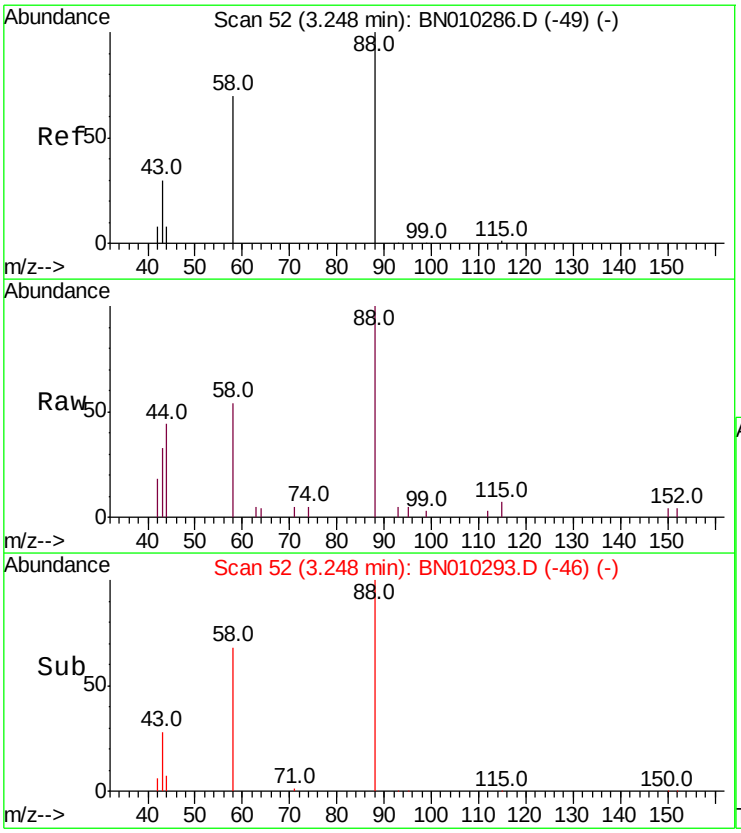
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4089

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.1	184.7
115	58.0	45.2	67.8

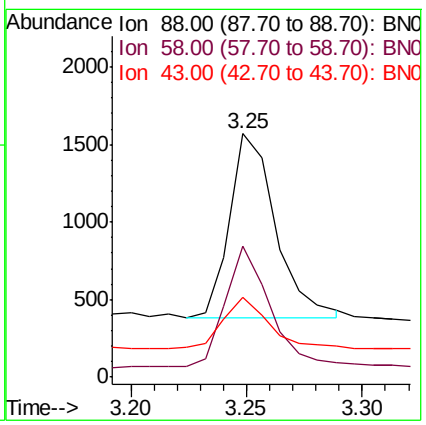


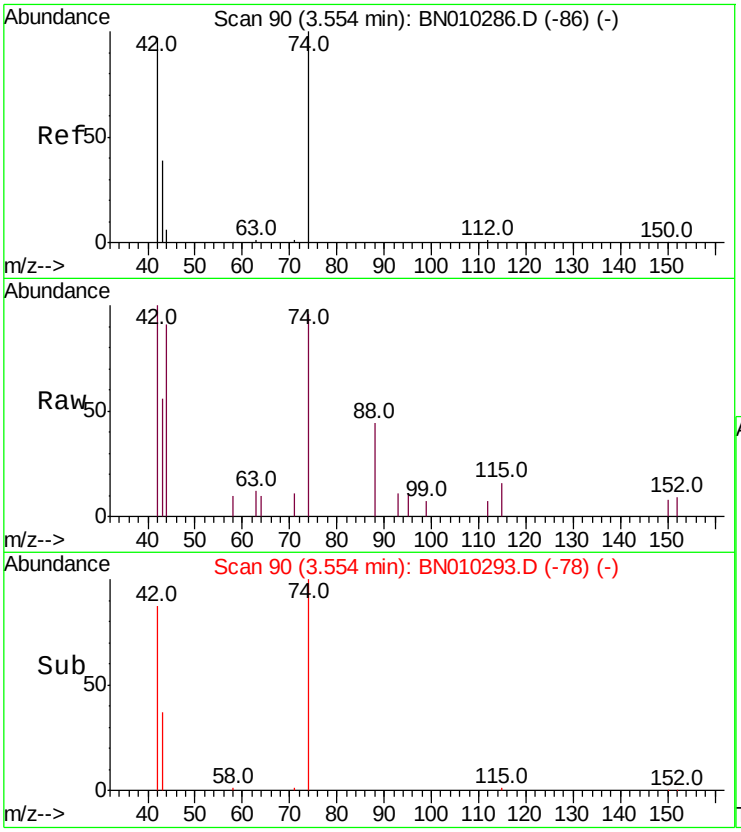


#2
1,4-Dioxane
Concen: 0.428 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion: 88 Resp: 1642

Ion	Ratio	Lower	Upper
88	100		
58	62.9	51.7	77.5
43	27.5	21.2	31.8

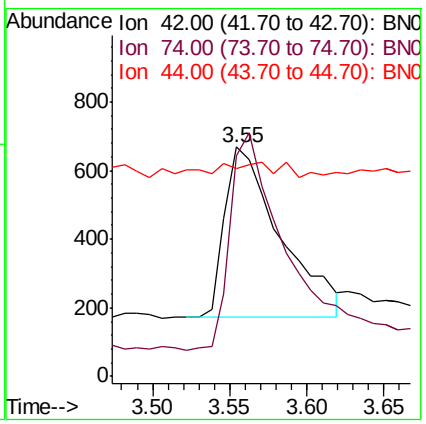




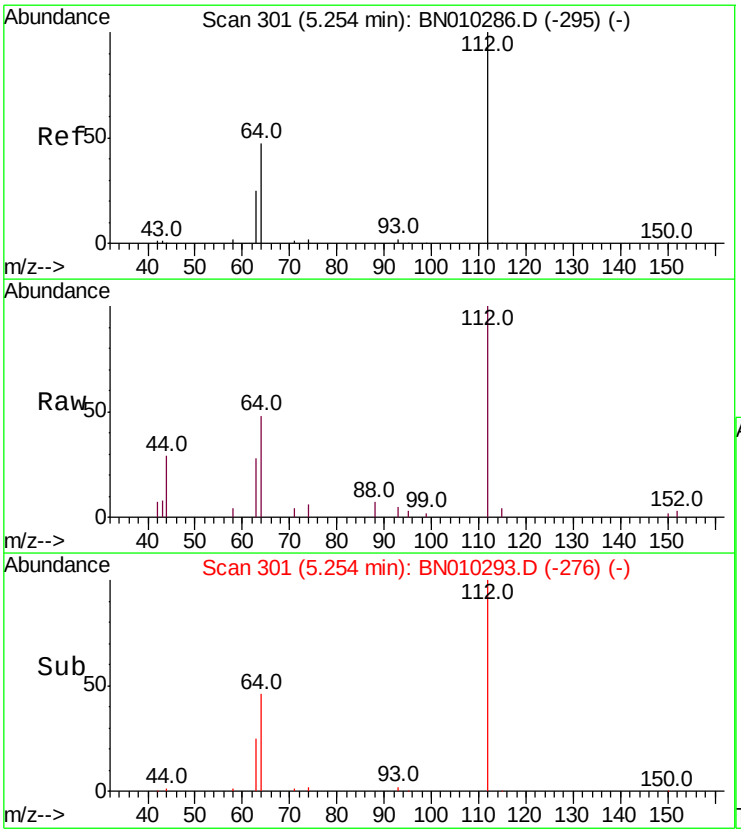
#3
n-Nitrosodimethylamine
Concen: 0.382 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion: 42 Resp: 1240

Ion	Ratio	Lower	Upper
42	100		
74	125.1	99.4	149.0
44	11.8	4.8	7.2#



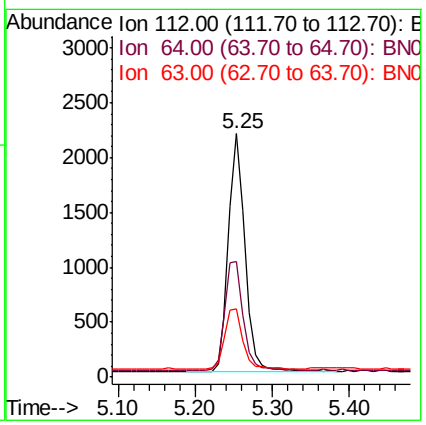
Instrument :
BNA_N
ClientSampleId :

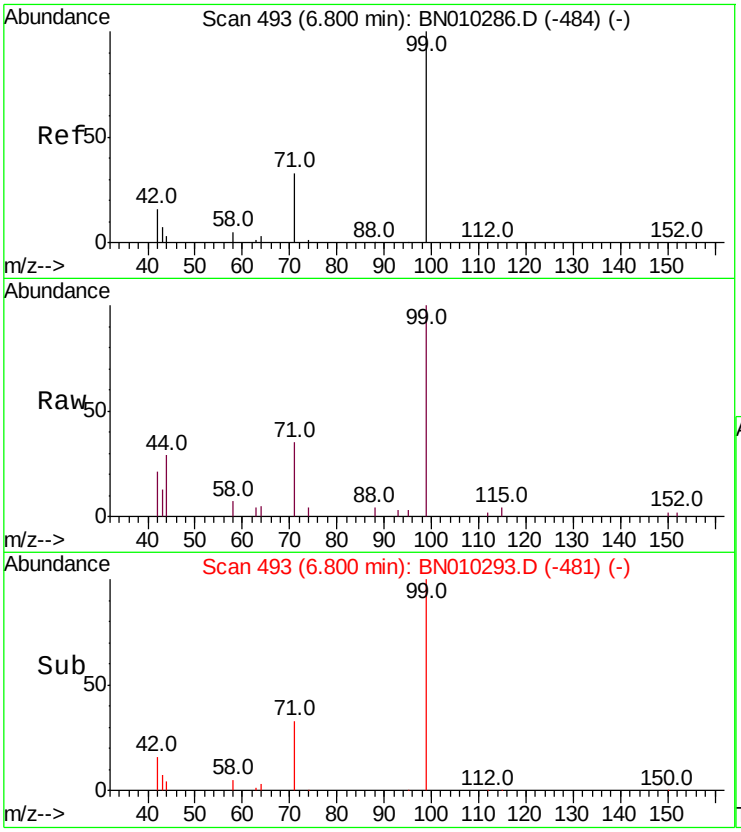


#4
2-Fluorophenol
Concen: 0.396 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:112 Resp: 3203

Ion	Ratio	Lower	Upper
112	100		
64	50.7	41.4	62.2
63	26.9	22.9	34.3



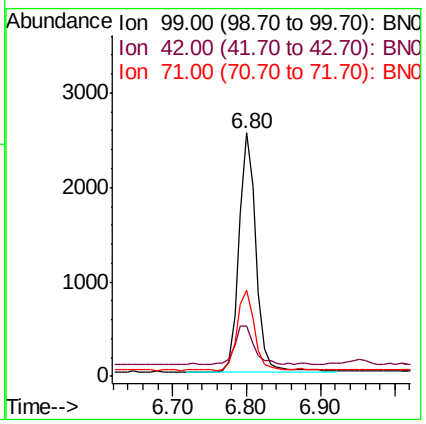


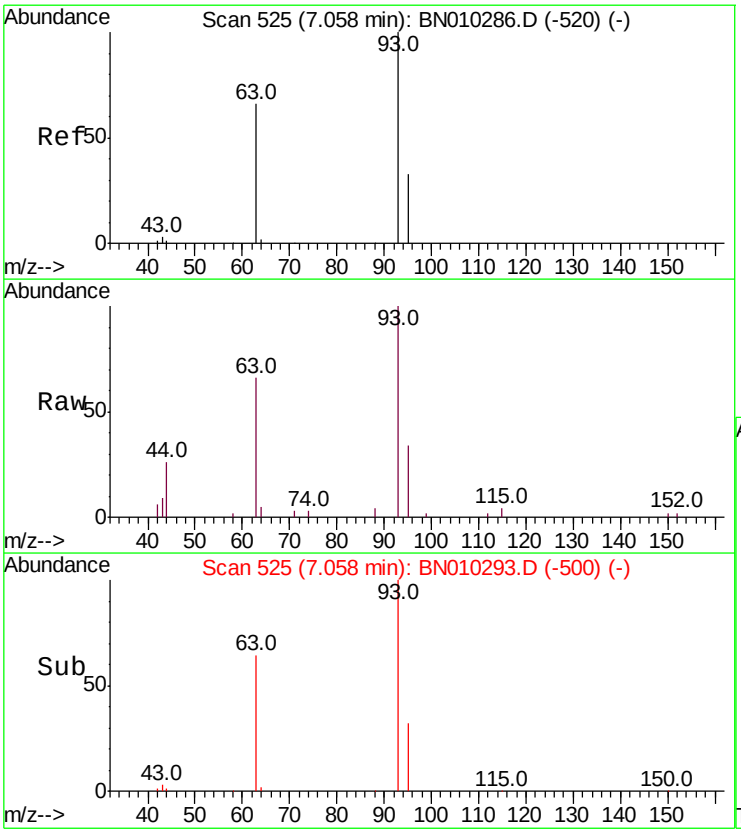
#5
Phenol-d6
Concen: 0.398 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4008

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.8	22.2
71	34.7	27.3	40.9

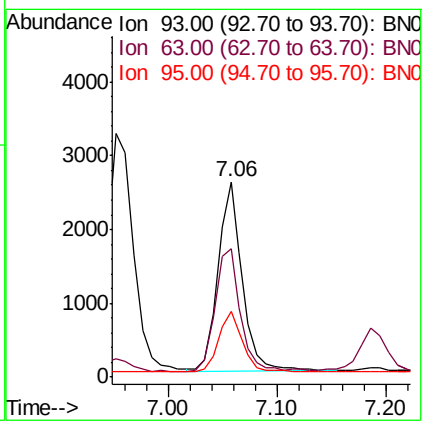


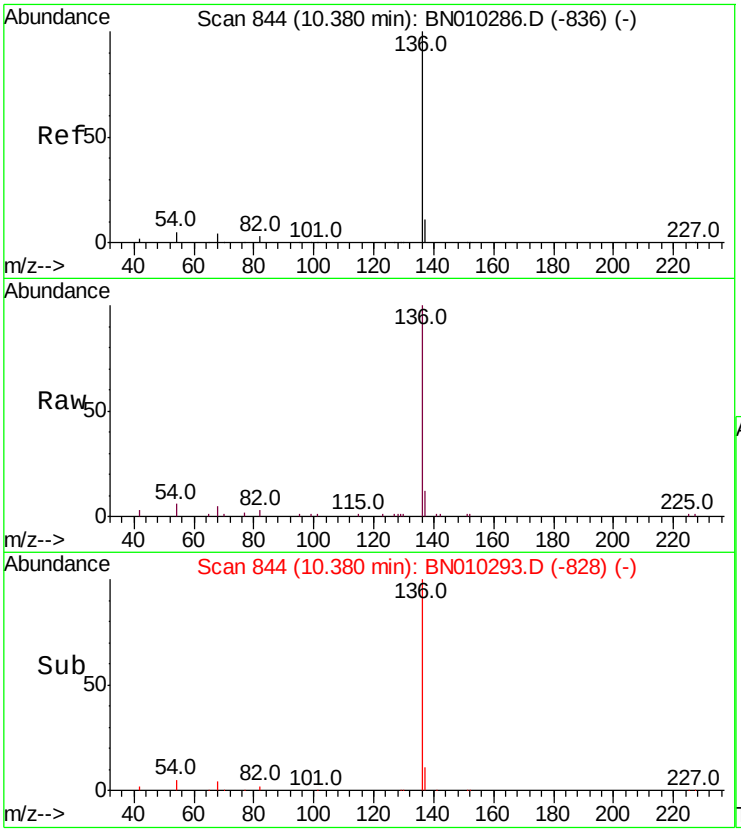


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion: 93 Resp: 3950

Ion	Ratio	Lower	Upper
93	100		
63	69.0	55.6	83.4
95	32.8	26.2	39.4



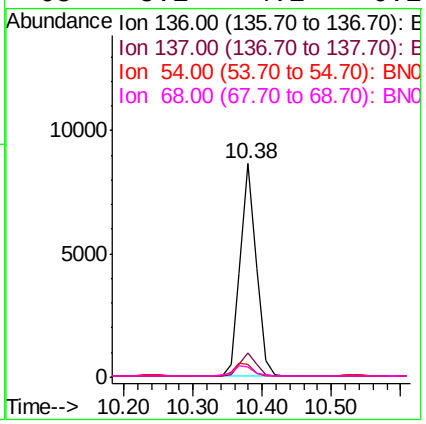


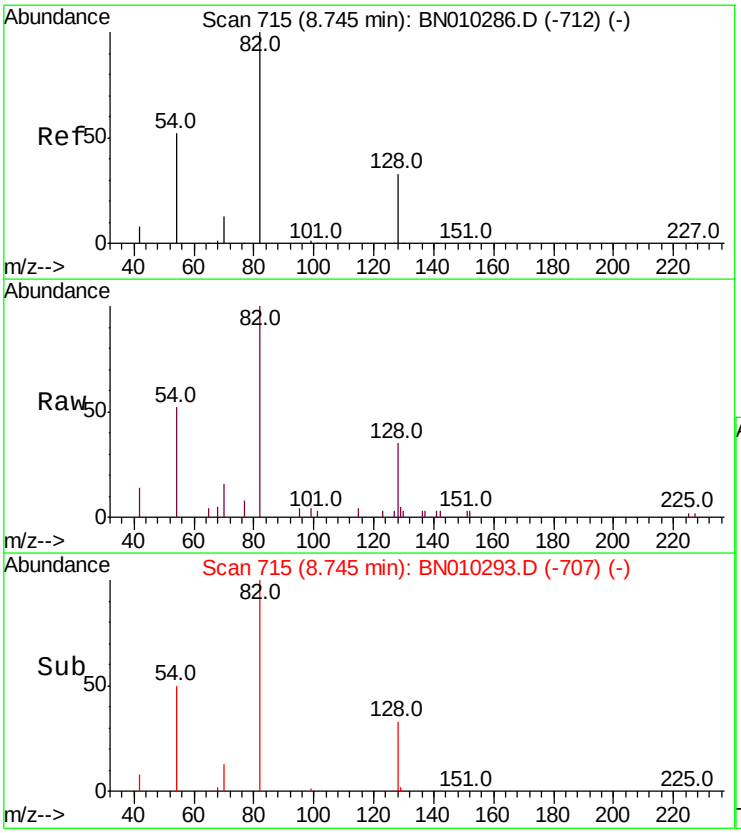
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 14006

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	5.8	4.8	7.2
68	5.1	4.1	6.1

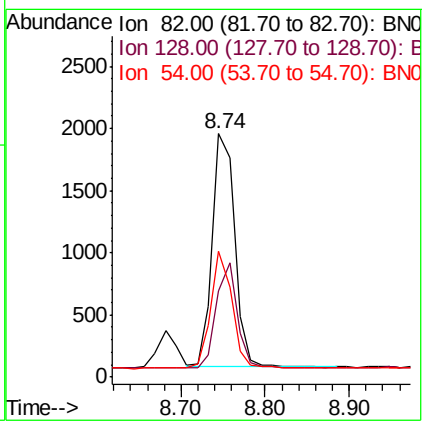


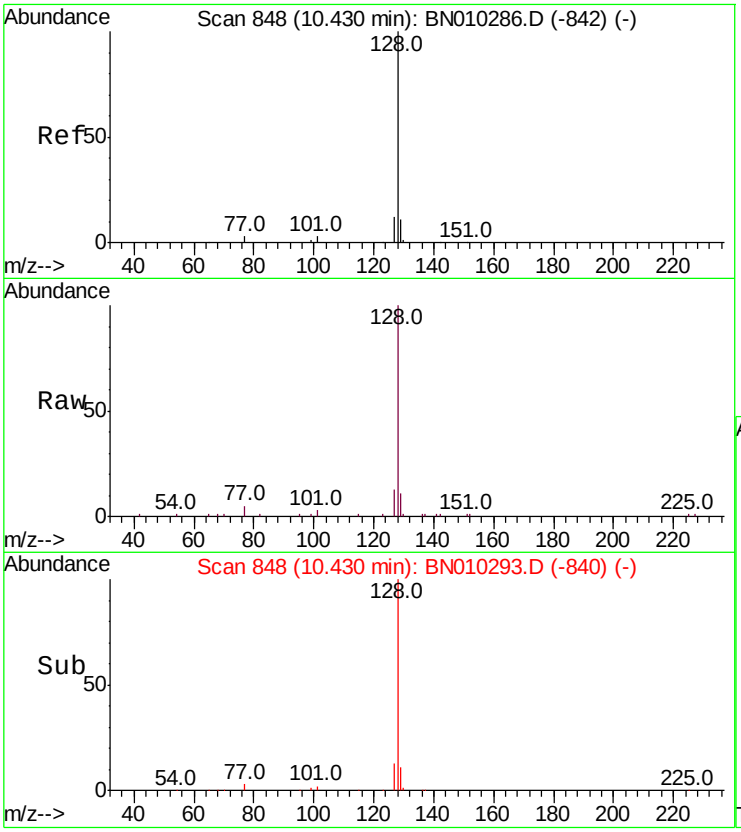


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion: 82 Resp: 3471

Ion	Ratio	Lower	Upper
82	100		
128	35.5	28.8	43.2
54	51.5	42.1	63.1



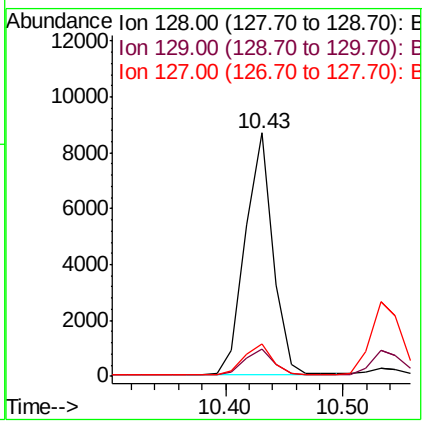


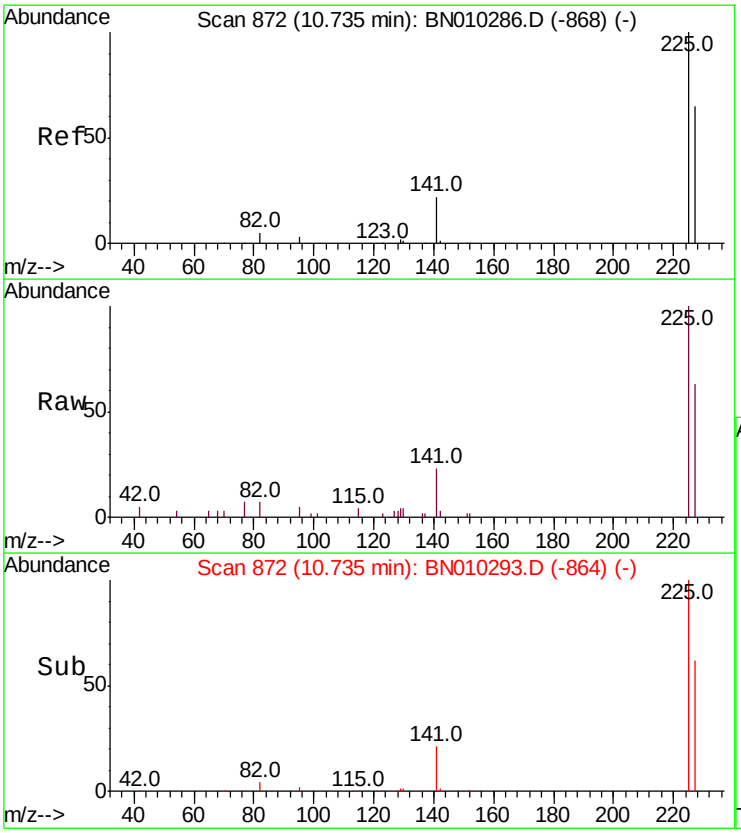
#9
Naphthalene
Concen: 0.404 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 14099

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.1	10.4	15.6

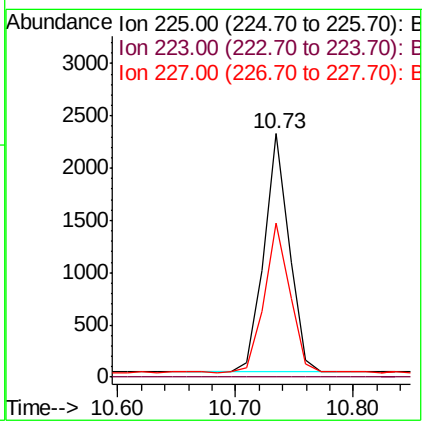


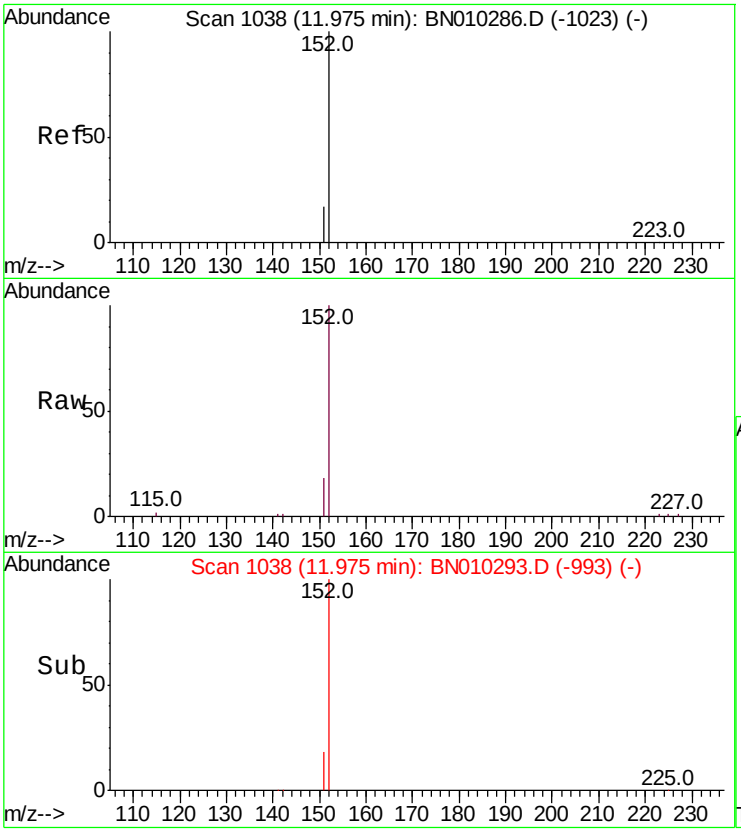


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:225 Resp: 3444

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.9	77.9



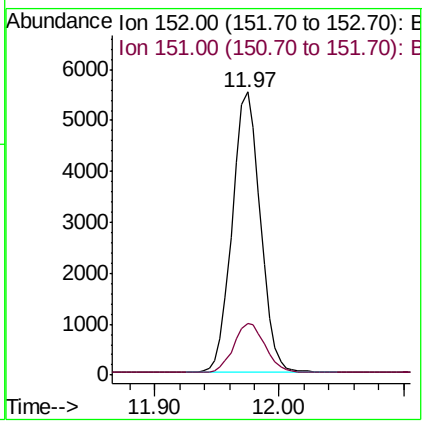


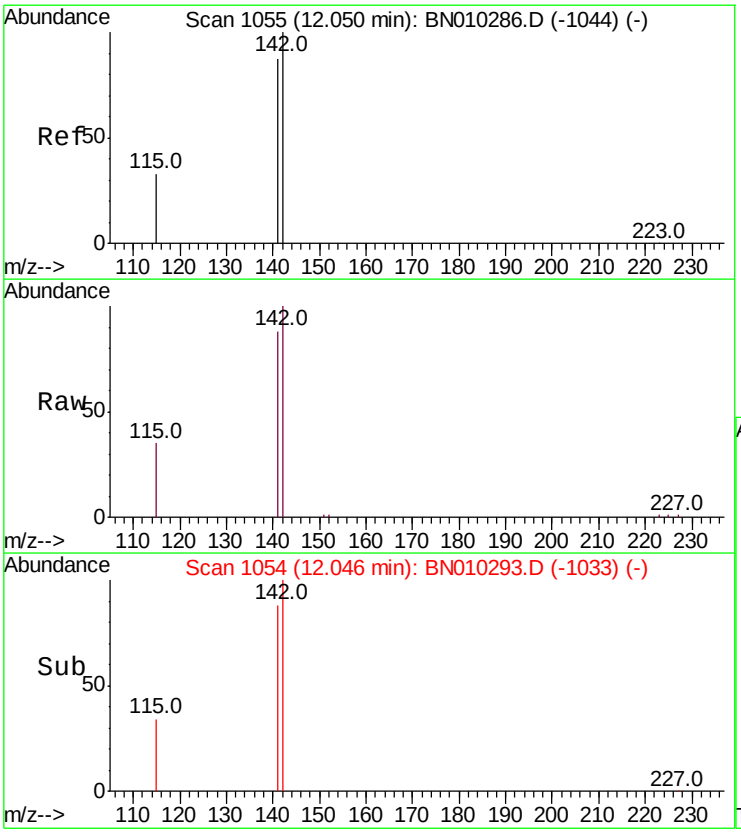
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8639

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

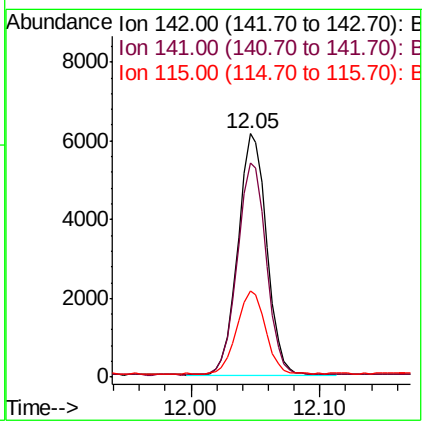


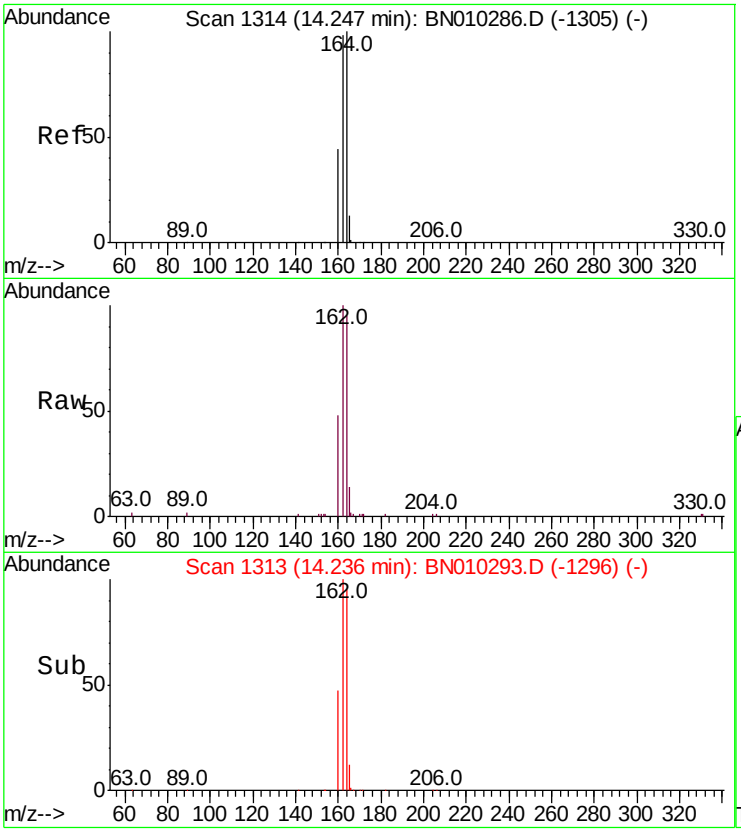


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:142 Resp: 9507

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.5	104.3
115	35.1	27.5	41.3



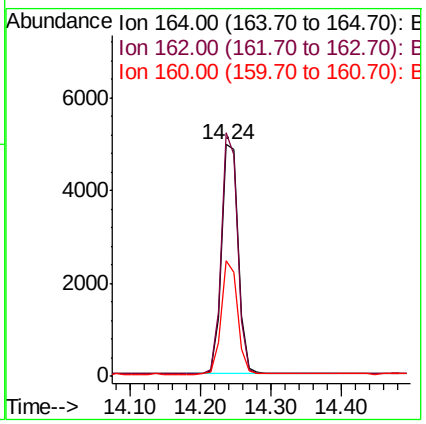


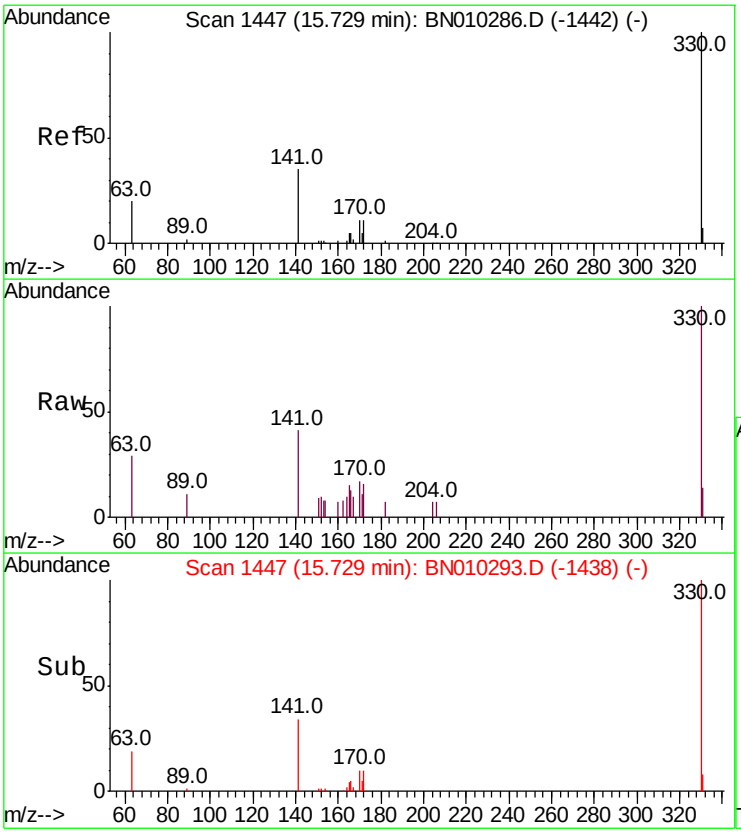
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8354

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.2	117.2
160	50.1	35.8	53.6

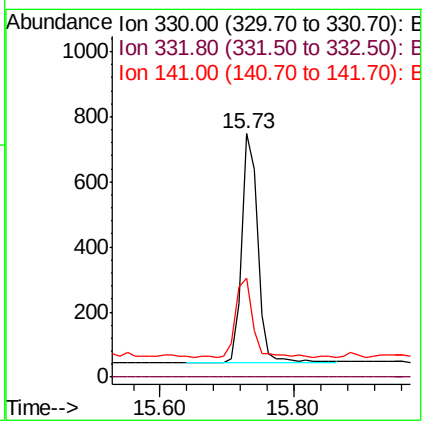


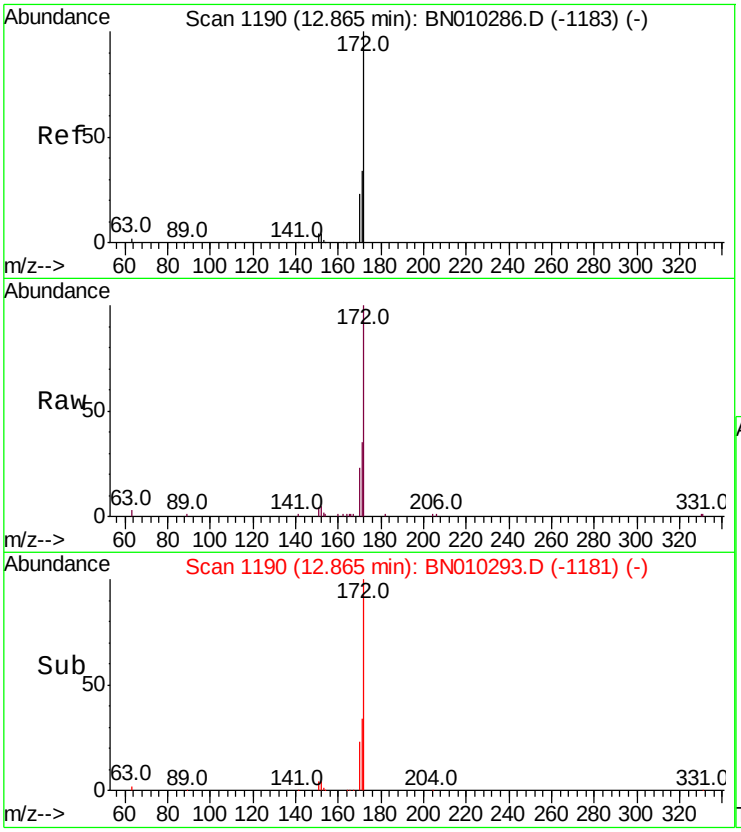


#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:330 Resp: 1148

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	29.3	43.9



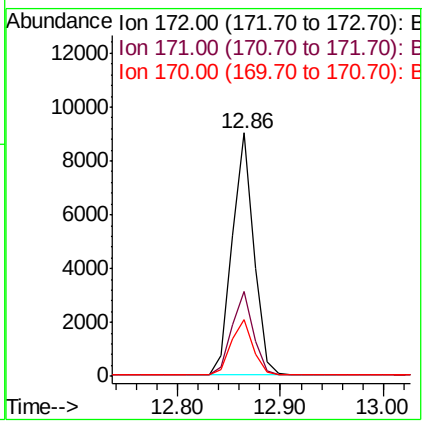


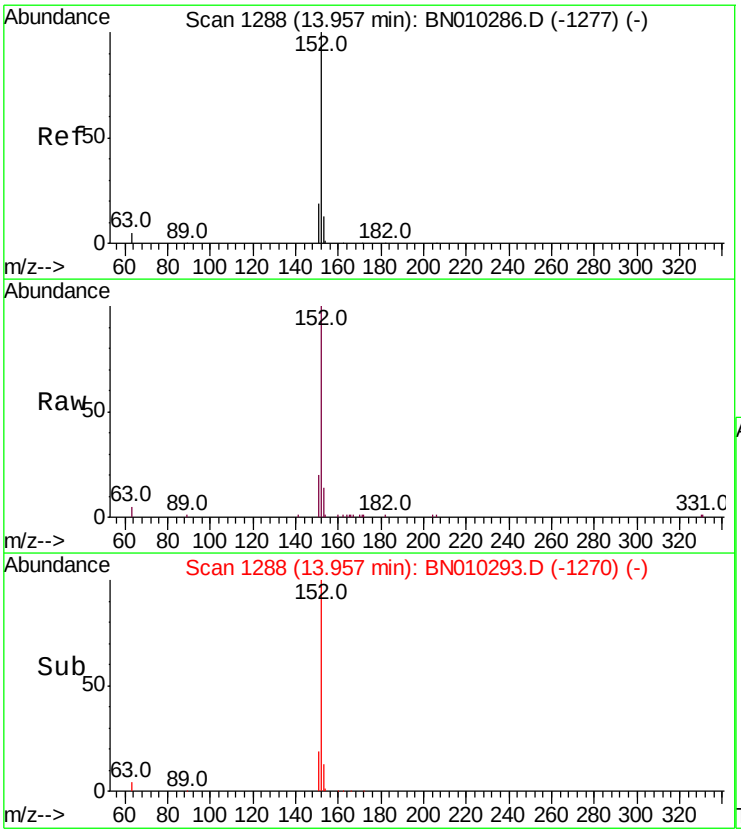
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 13048

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	23.2	18.5	27.7

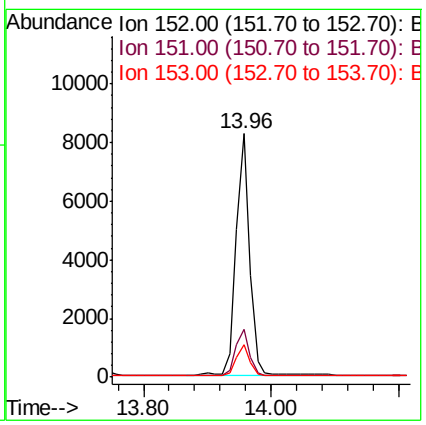


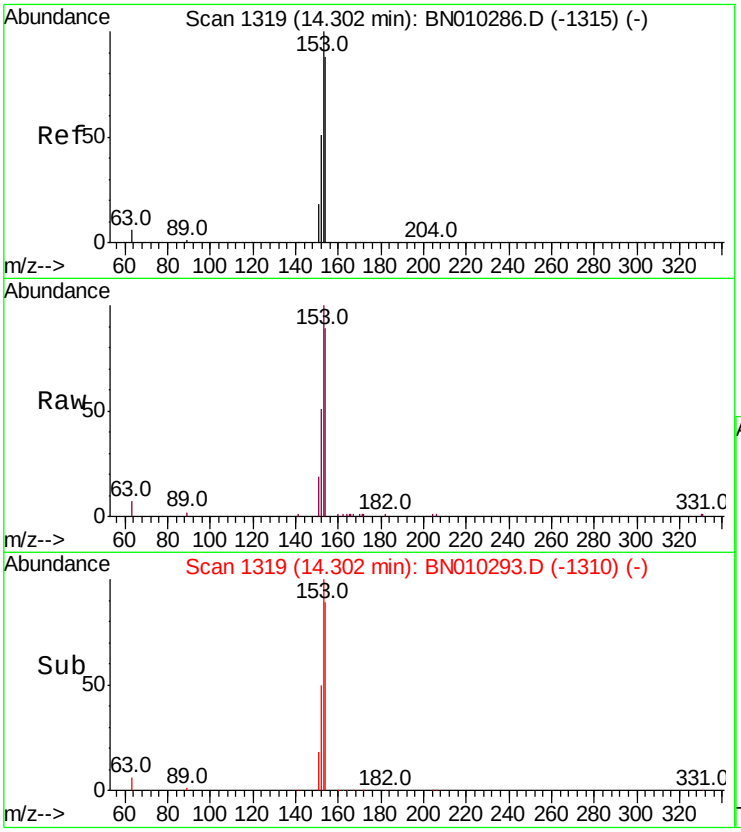


#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:152 Resp: 12397

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	12.9	10.6	15.8



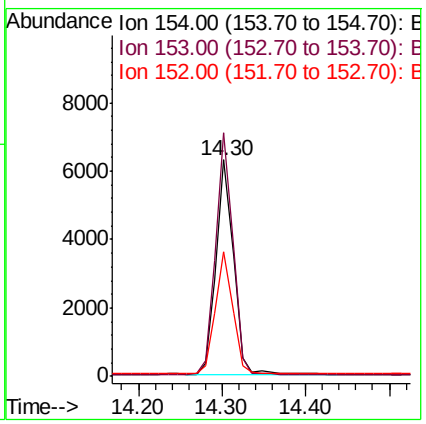


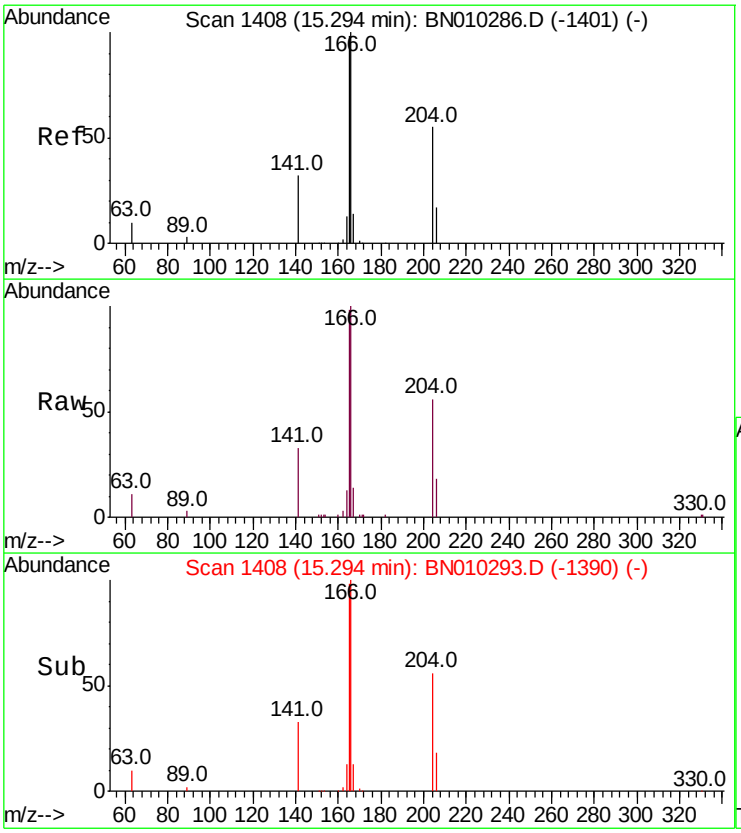
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 9144

Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.1	132.1
152	56.5	45.5	68.3

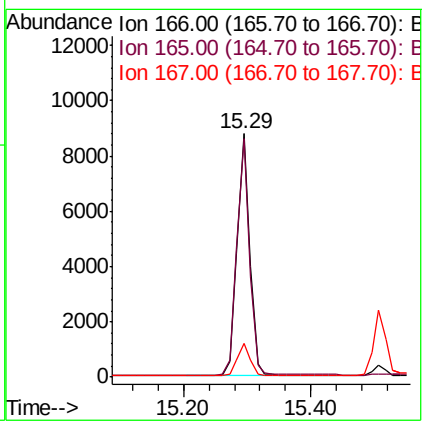


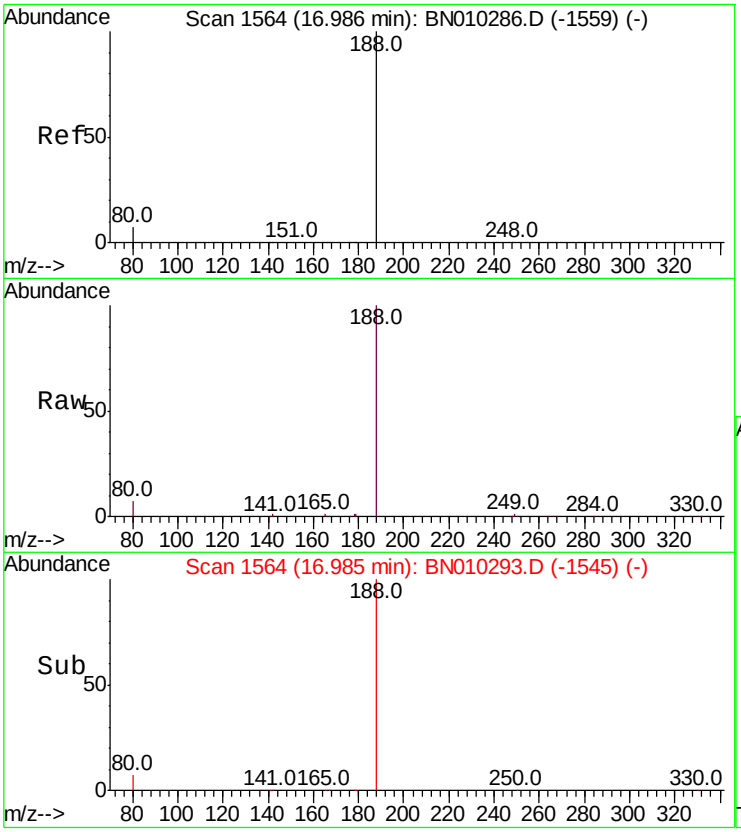


#18
Fluorene
Concen: 0.395 ng
RT: 15.29 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:166 Resp: 12245

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.7	118.1
167	13.6	11.0	16.4



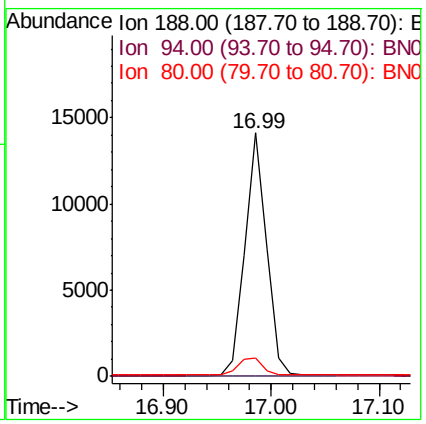


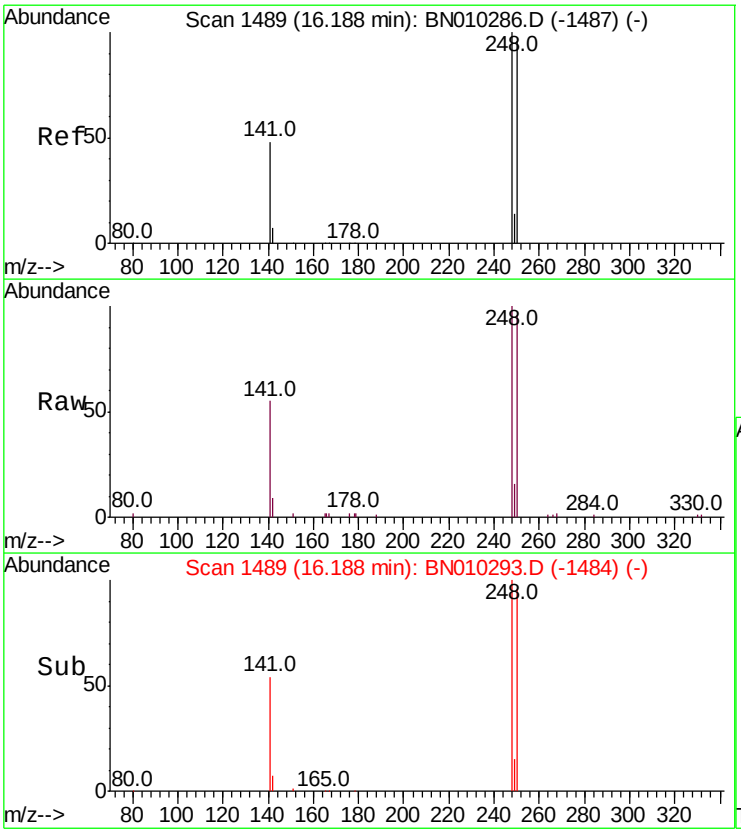
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 19462

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	6.0	9.0

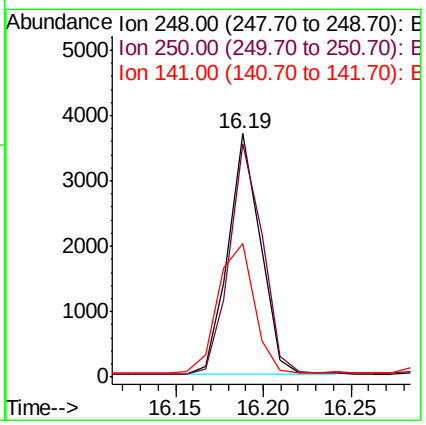


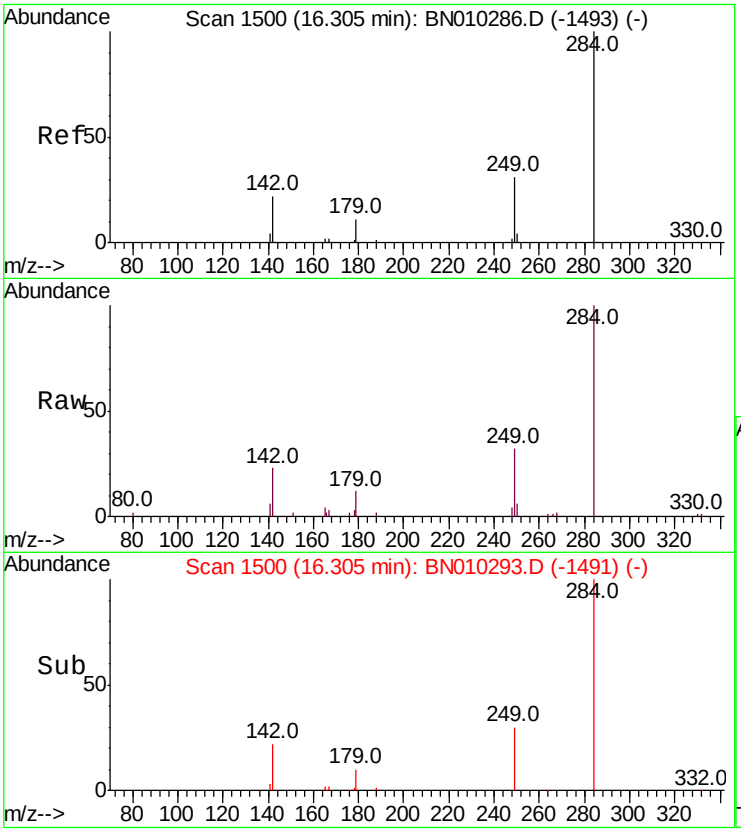


#20
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.19 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:248 Resp: 4675

Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.8	115.2
141	54.7	44.4	66.6



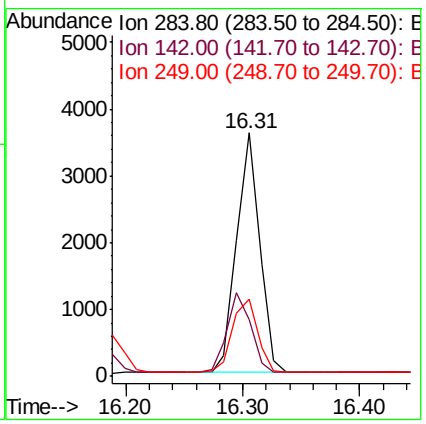


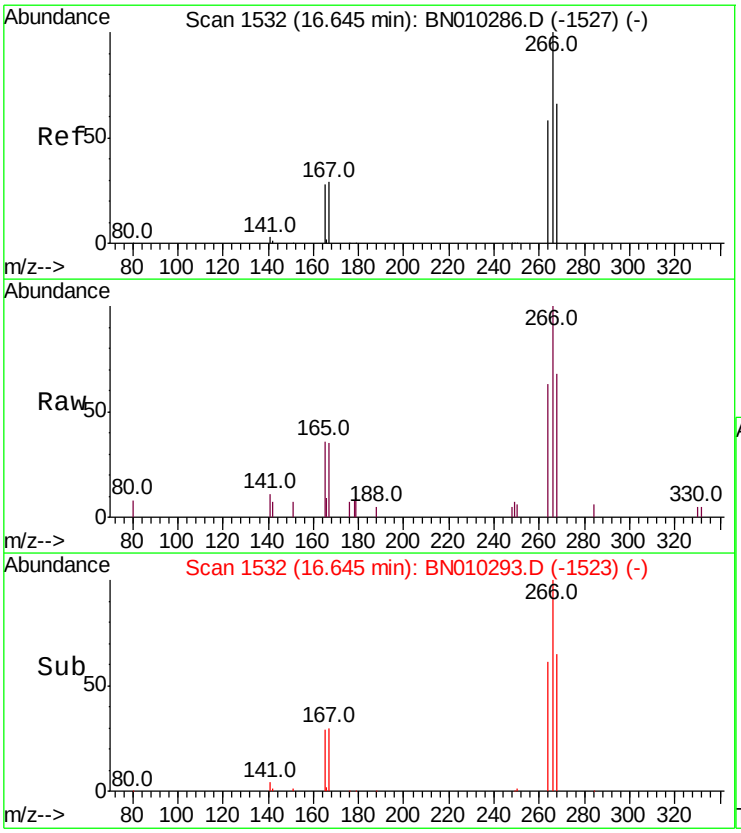
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4895

Ion	Ratio	Lower	Upper
284	100		
142	34.4	27.4	41.2
249	32.9	26.5	39.7

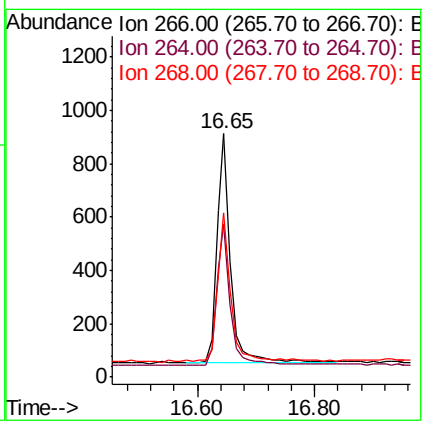


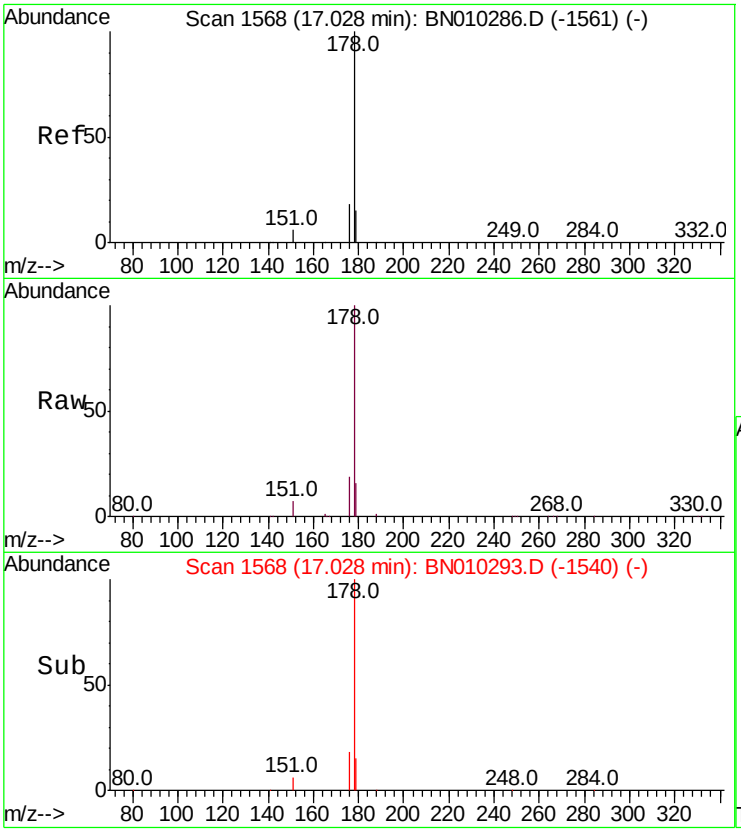


#22
Pentachlorophenol
Concen: 0.345 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:266 Resp: 1432

Ion	Ratio	Lower	Upper
266	100		
264	62.9	47.7	71.5
268	67.6	54.9	82.3



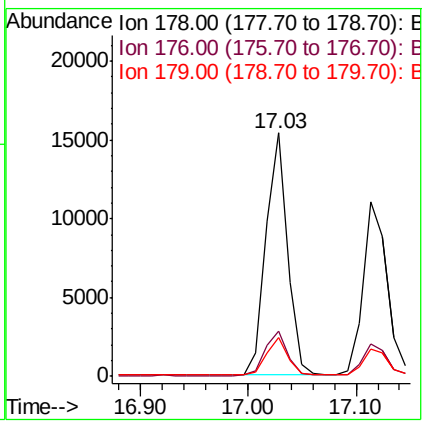


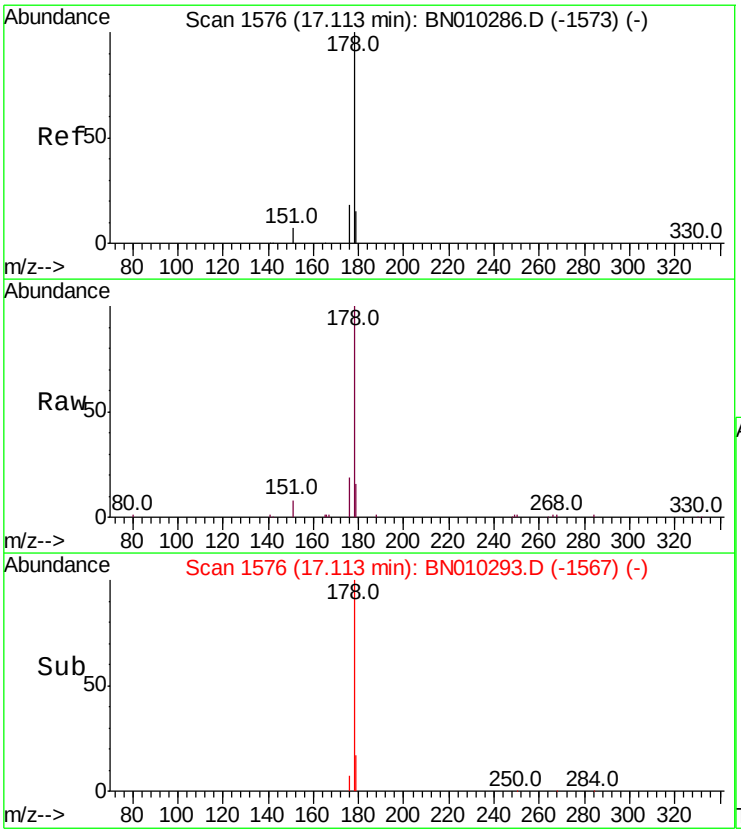
#23
Phenanthrene
Concen: 0.399 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 21318

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.5	12.4	18.6

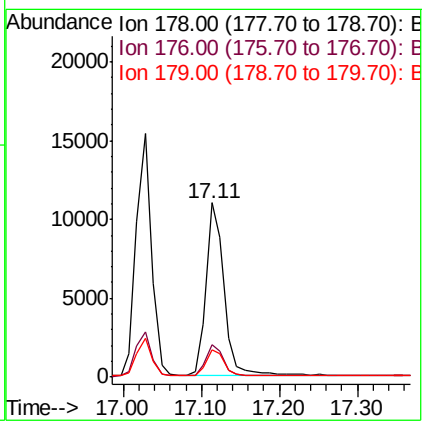


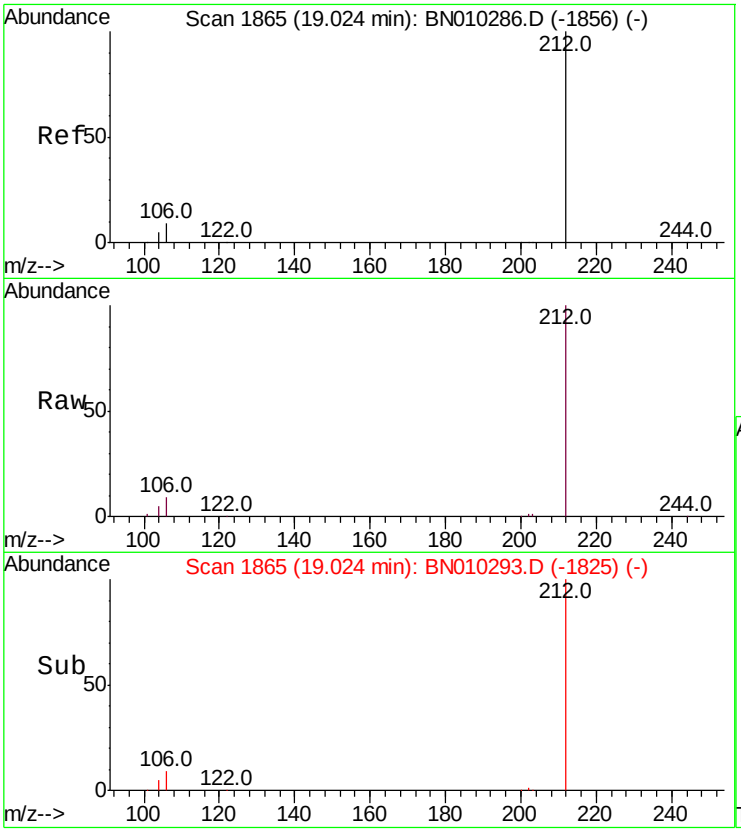


#24
Anthracene
Concen: 0.377 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:178 Resp: 17267

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.6	12.3	18.5



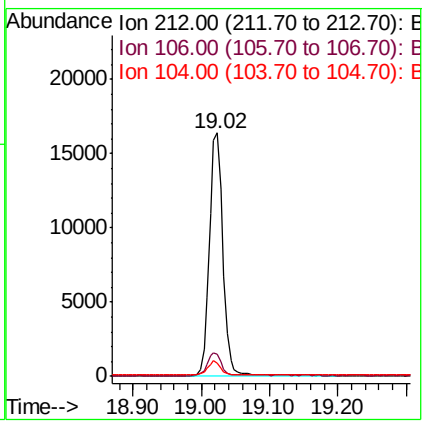


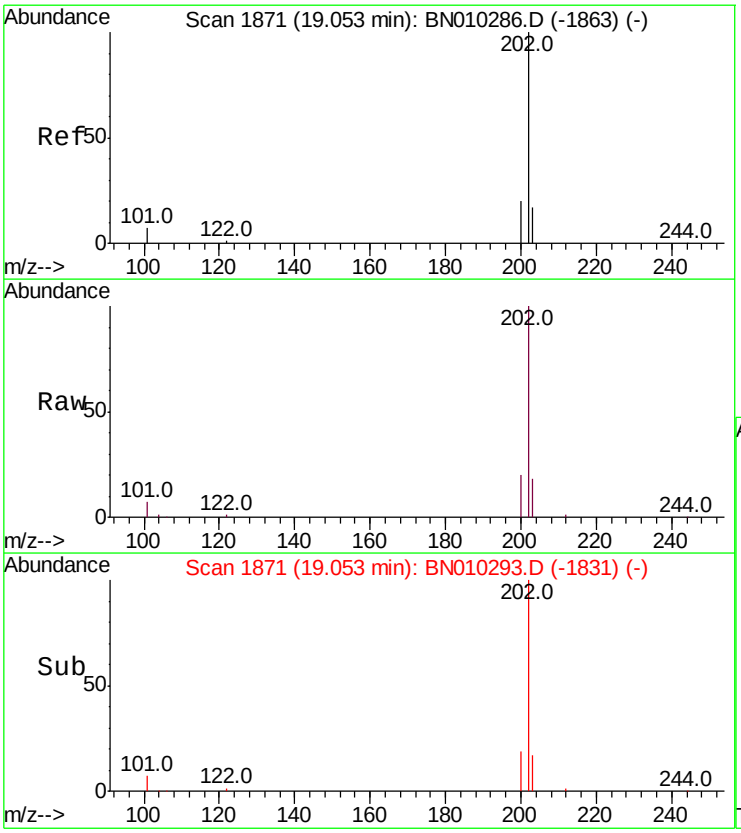
#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 22581

Ion	Ratio	Lower	Upper
212	100		
106	9.5	7.4	11.2
104	5.4	4.2	6.4

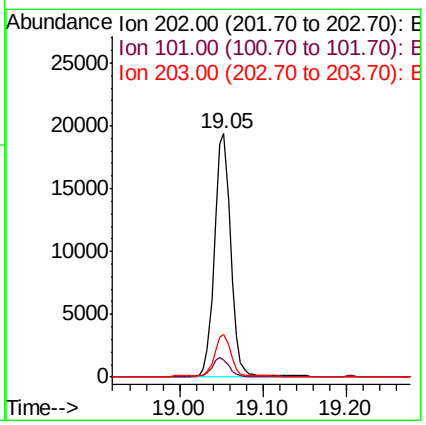


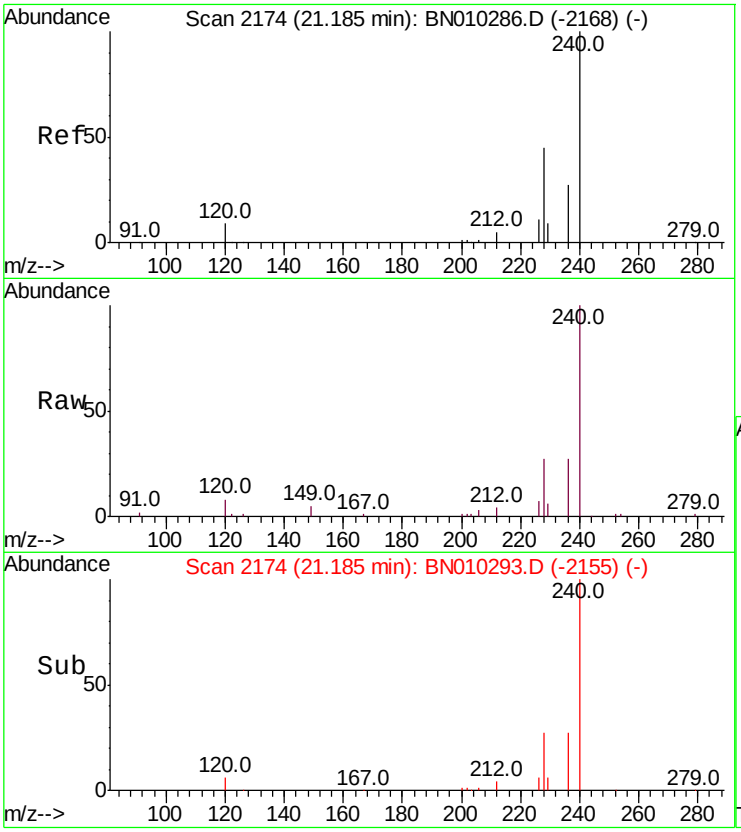


#26
Fluoranthene
Concen: 0.394 ng
RT: 19.05 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:202 Resp: 25826

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.6	9.8
203	17.1	13.8	20.8



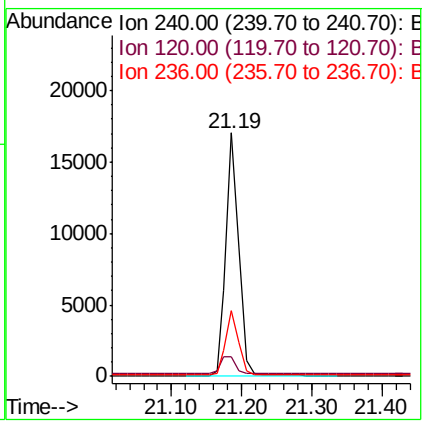


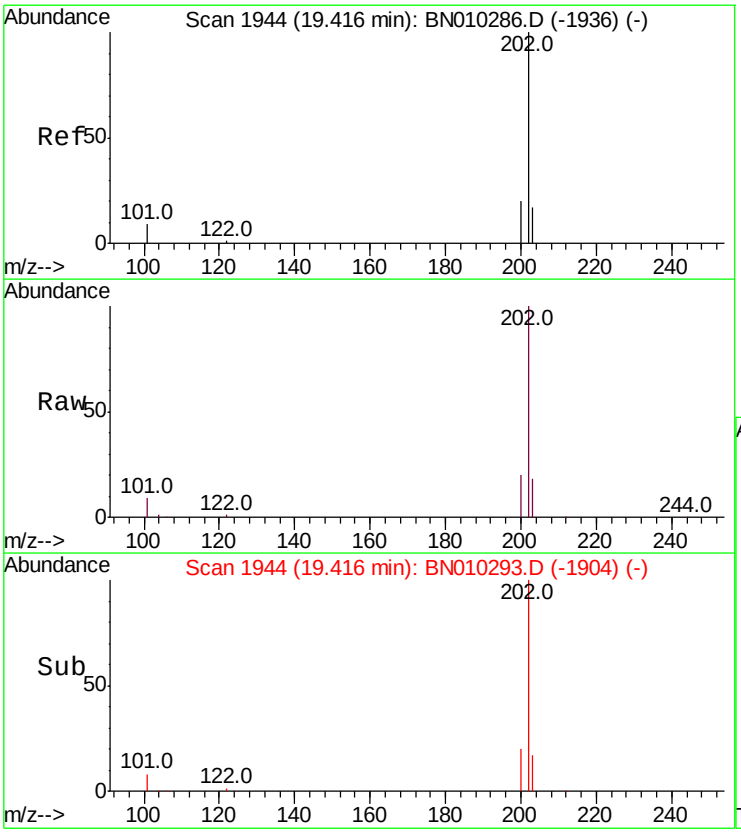
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21595

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.9	11.9
236	27.1	22.2	33.4

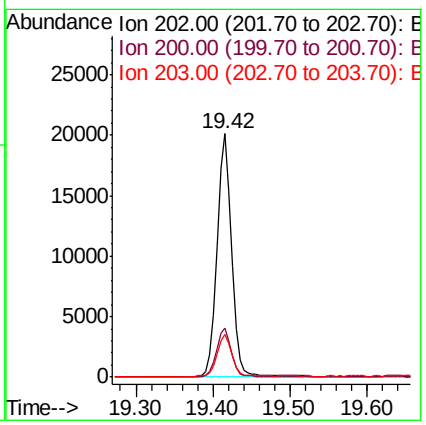


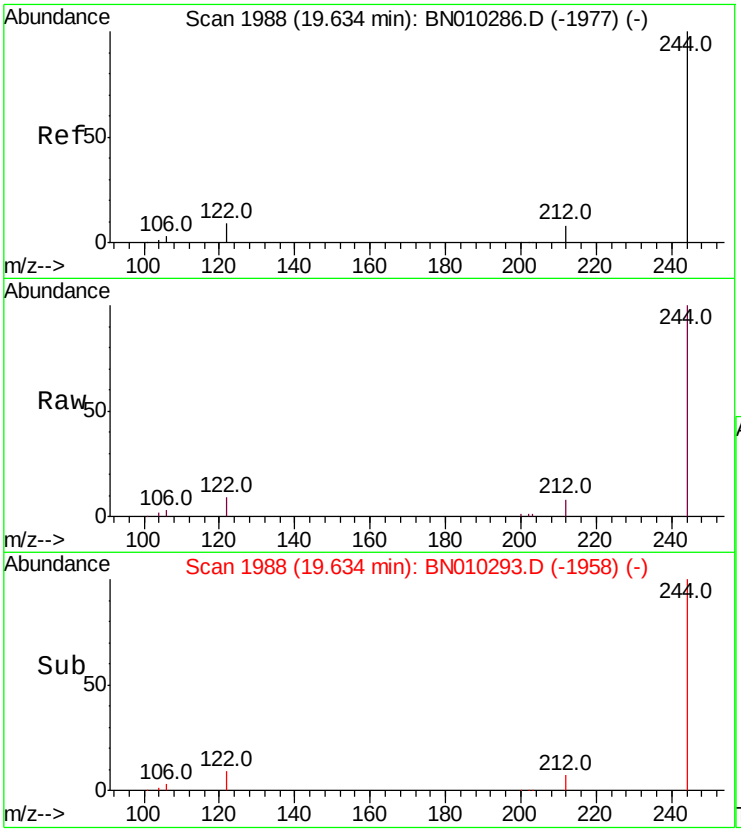


#28
Pyrene
Concen: 0.385 ng
RT: 19.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:202 Resp: 25907

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.4
203	17.4	14.2	21.2



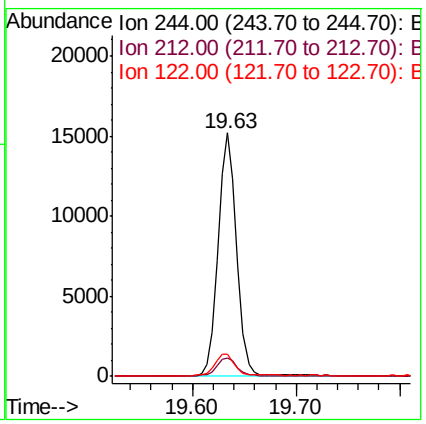


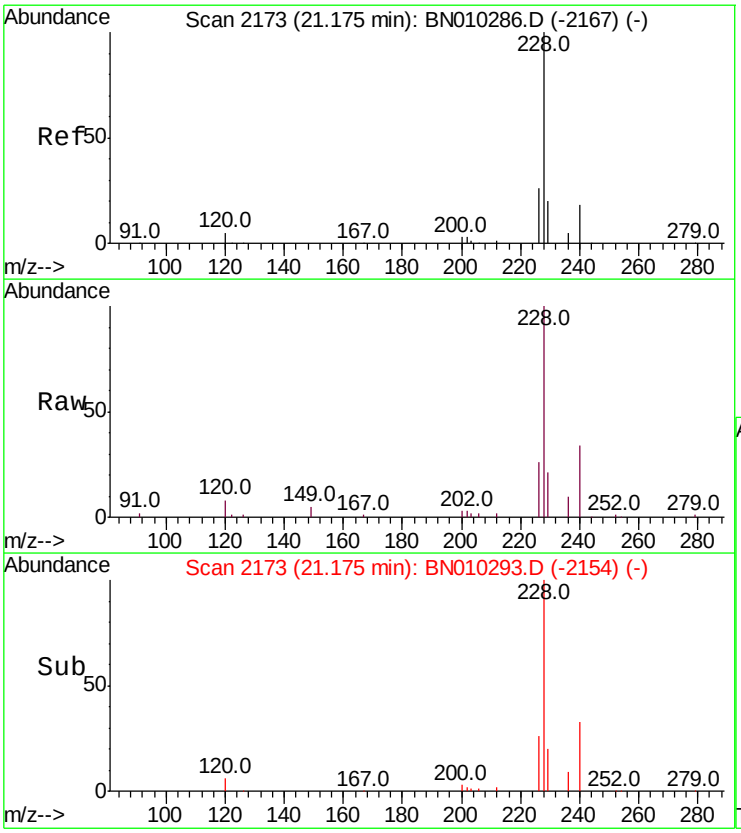
#29
Terphenyl-d14
Concen: 0.394 ng
RT: 19.63 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 18372

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	8.9	7.6	11.4

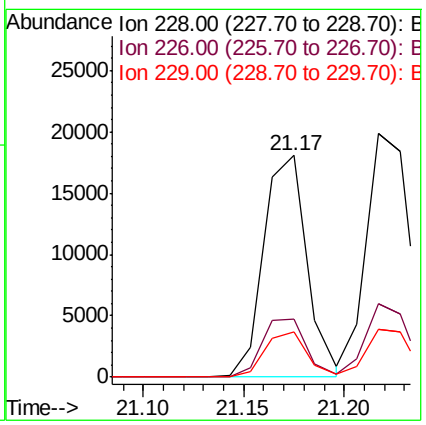


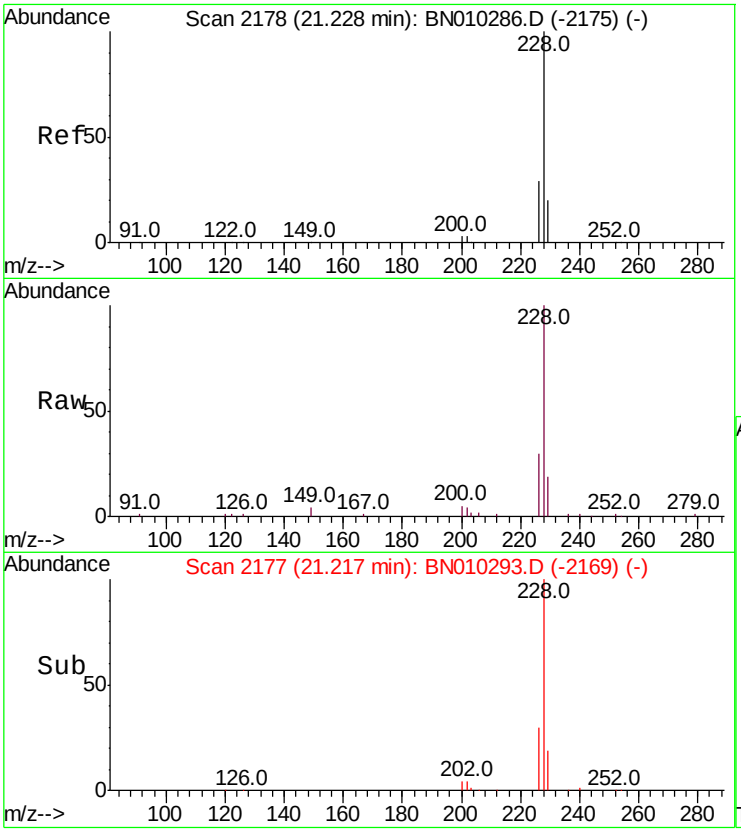


#30
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:228 Resp: 26856

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.0	31.4
229	20.5	16.0	24.0



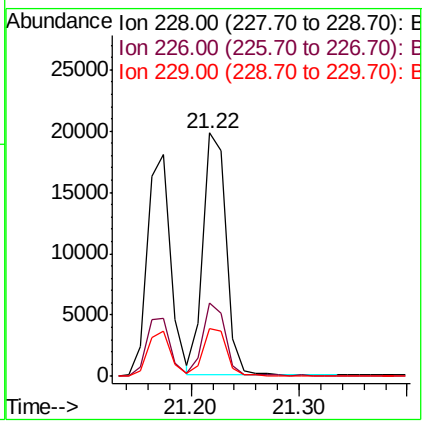


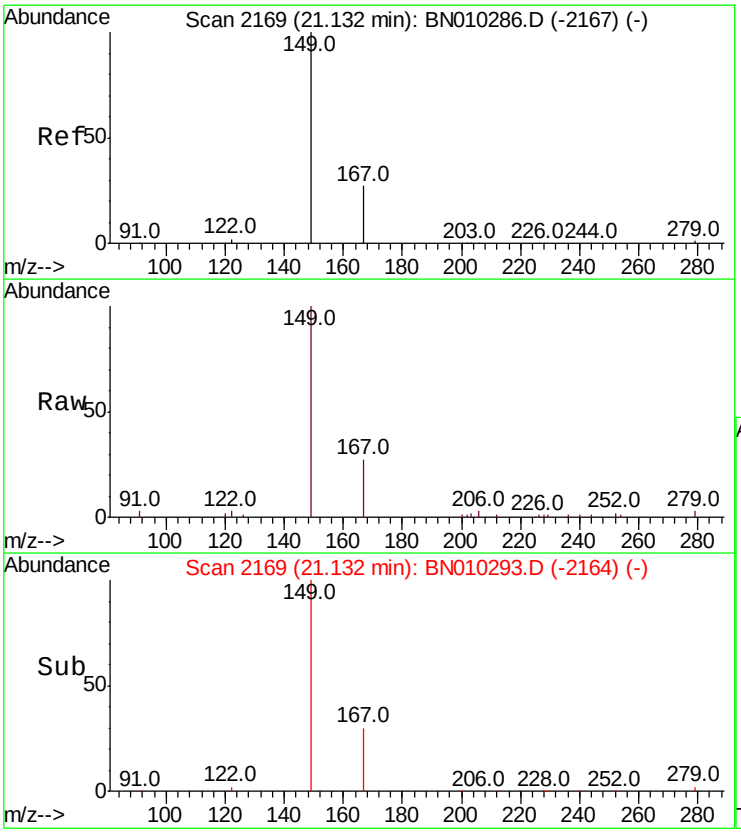
#31
Chrysene
Concen: 0.397 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 29271

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.6
229	19.5	16.0	24.0

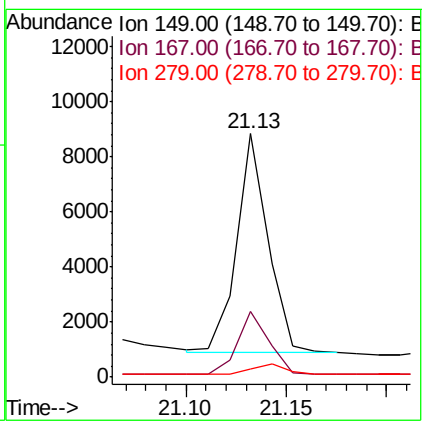


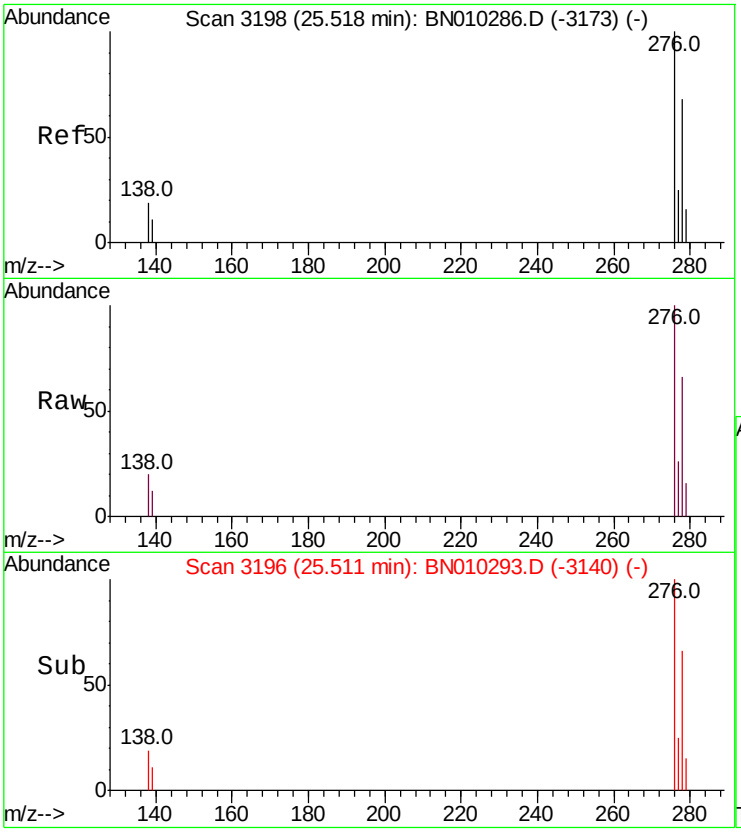


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.377 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:149 Resp: 8744

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.6
279	4.9	3.8	5.8



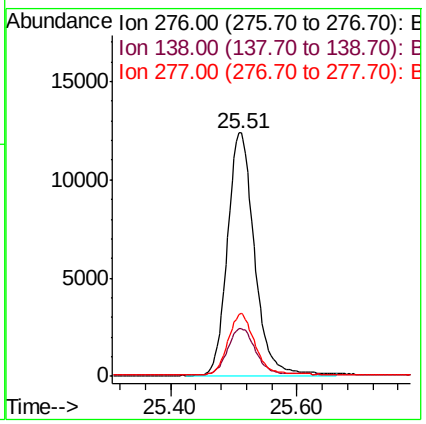


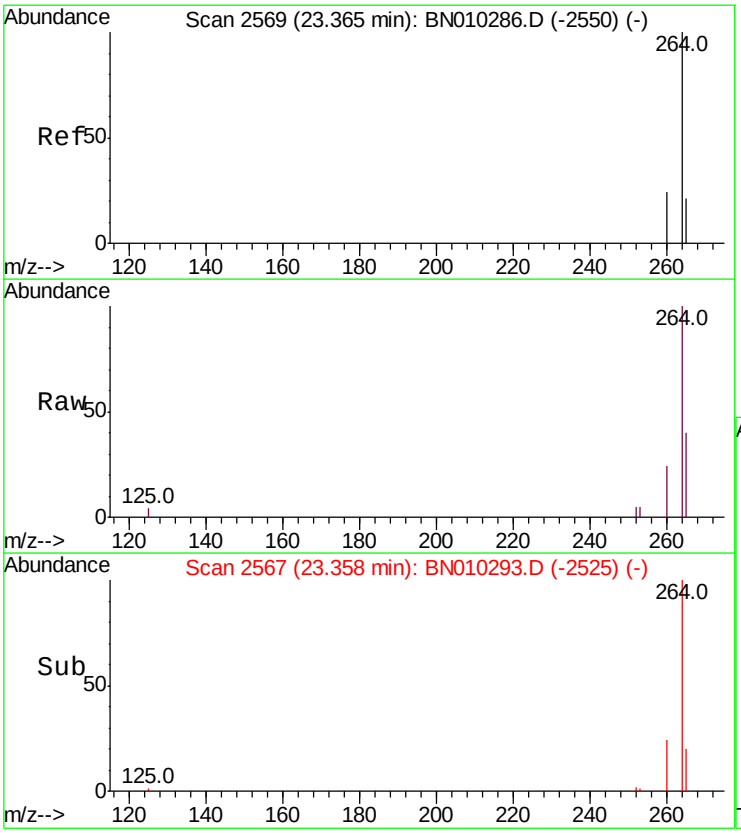
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng
RT: 25.51 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 36537

Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.6	23.4
277	25.0	20.1	30.1

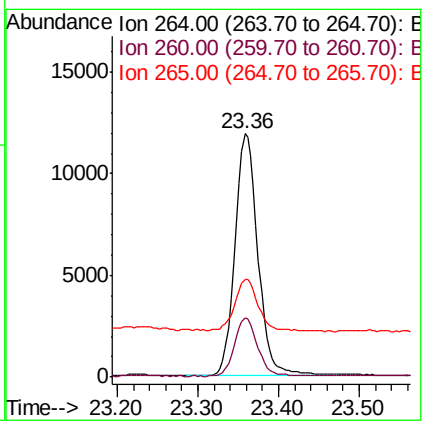


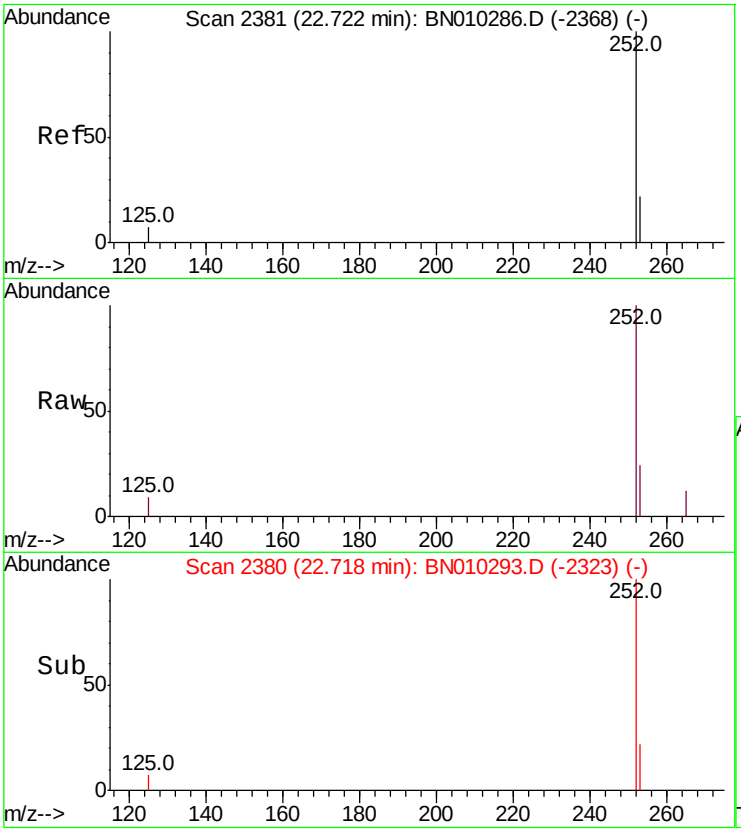


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:264 Resp: 23410

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	40.3	32.4	48.6



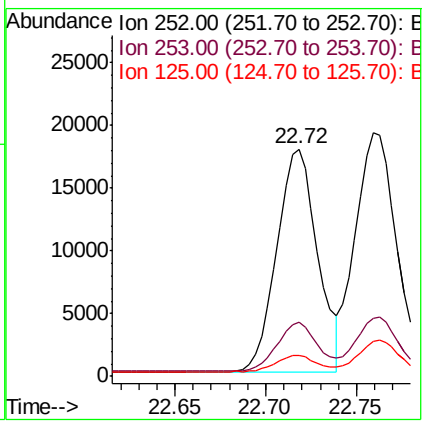


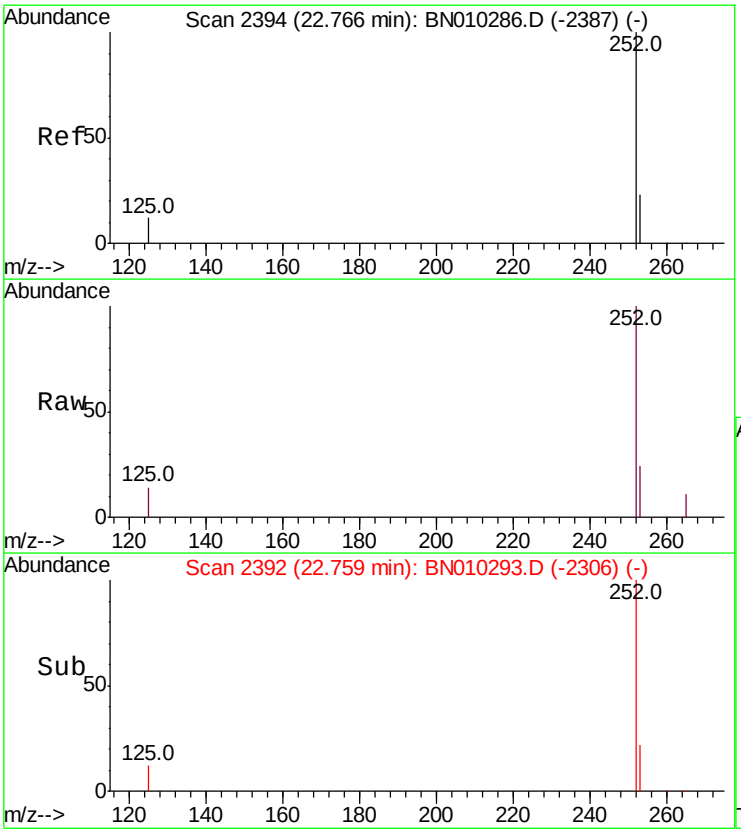
#35
Benzo(b)fluoranthene
Concen: 0.351 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 27882

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	9.2	7.4	11.0

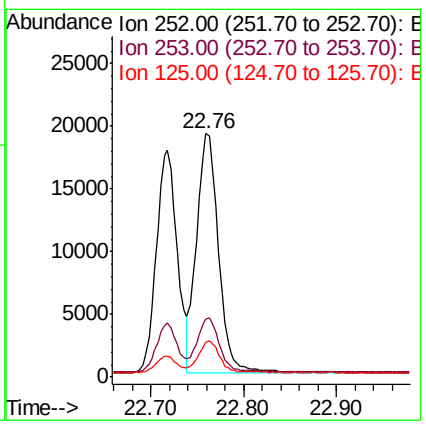


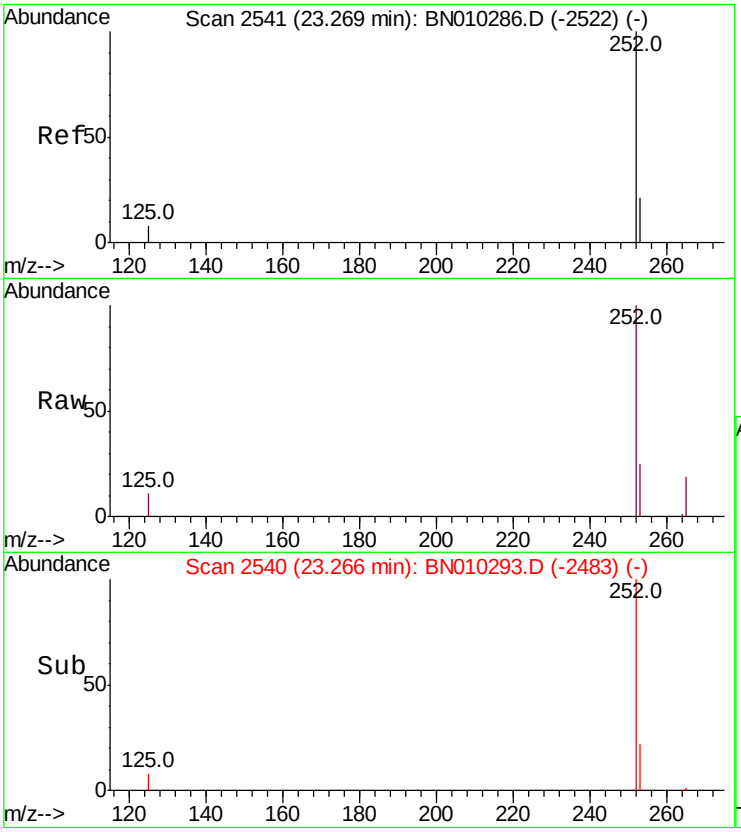


#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 22.76 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:252 Resp: 31325

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.0
125	14.1	10.2	15.2



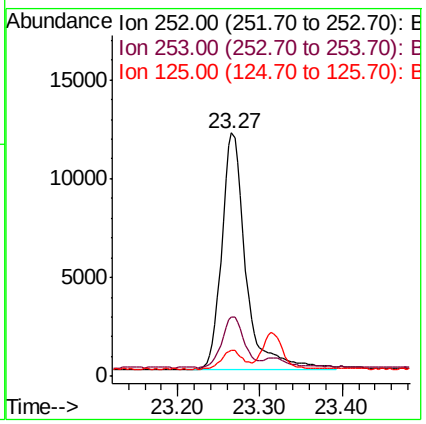


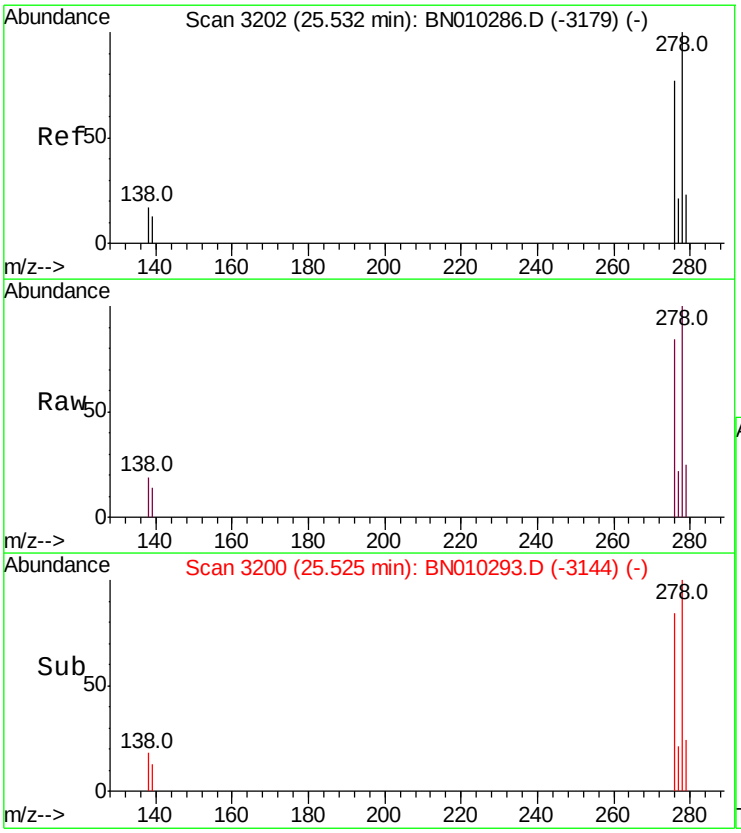
#37
Benzo(a)pyrene
Concen: 0.364 ng
RT: 23.27 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 24442

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.9	29.9
125	10.5	8.9	13.3

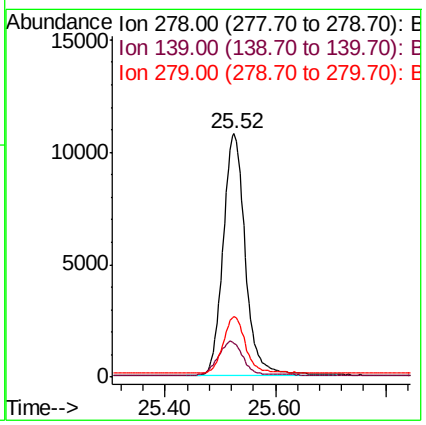


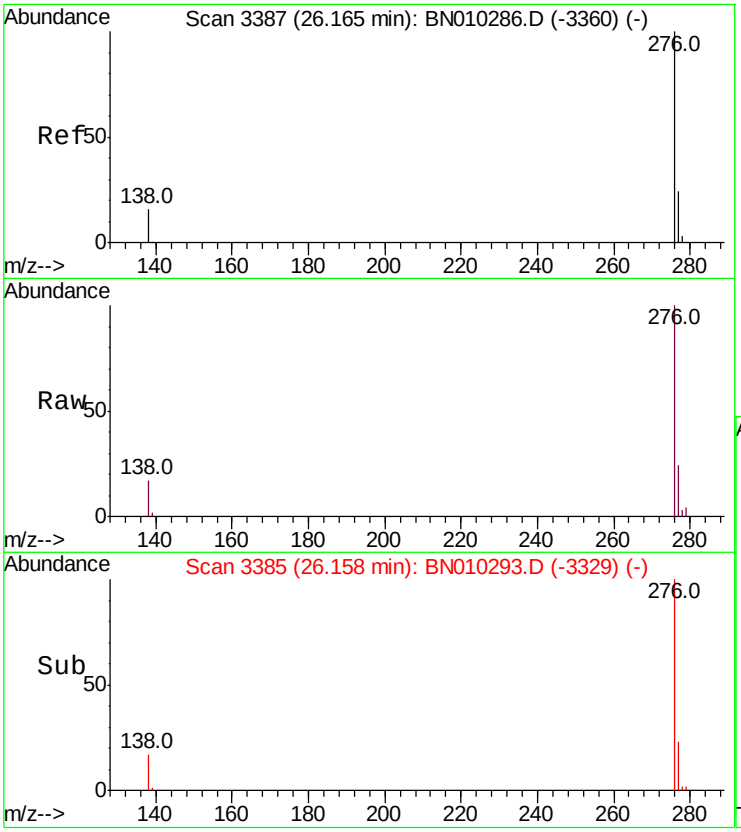


#38
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 25.52 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:278 Resp: 30183

Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.6	16.0
279	25.0	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 26.16 min Scan# 3385
Delta R.T. -0.01 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 27932

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	17.5	13.3	19.9