Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010298.D
Acq On : 19 Mar 2020 21:03
Operator : CG/JU
Sample : L1161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 20 01:24:58 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	3785	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13119	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	7958	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	19252	0.40	ng		0.00
27) Chrysene-d12	21.19	240	21347	0.40	ng		0.00
34) Perylene-d12	23.36	264	21469	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2874	0.38	ng		0.00
5) Phenol-d6	6.80	99	3541	0.38	ng		0.00
8) Nitrobenzene-d5	8.74	82	3046	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	7103	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	935	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	11587	0.38	ng		0.00
25) Fluoranthene-d10	19.02	212	19718	0.34	ng		0.00
29) Terphenyl-d14	19.63	244	17279	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	279	0.078	ng	#	92
3) n-Nitrosodimethylamine	3.58	42	179	0.060	ng	#	97
6) bis(2-Chloroethyl)ether	7.06	93	810	0.090	ng		97
9) Naphthalene	10.43	128	2920	0.089	ng	#	94
10) Hexachlorobutadiene	10.73	225	690	0.087	ng	#	98
12) 2-Methylnaphthalene	12.05	142	1979	0.087	ng		95
16) Acenaphthylene	13.96	152	2429	0.078	ng		100
17) Acenaphthene	14.30	154	1780	0.080	ng		95
18) Fluorene	15.29	166	2371	0.080	ng		100
20) 4-Bromophenyl-phenylether	16.19	248	873	0.075	ng		98
21) Hexachlorobenzene	16.31	284	1038	0.087	ng		98
22) Pentachlorophenol	16.65	266	696	0.170	ng		96
23) Phenanthrene	17.03	178	4323	0.082	ng		99
24) Anthracene	17.11	178	3536	0.078	ng		98
26) Fluoranthene	19.05	202	5268	0.081	ng		99
28) Pyrene	19.42	202	5228	0.079	ng		100
30) Benzo(a)anthracene	21.17	228	5432	0.080	ng		99
31) Chrysene	21.22	228	6090	0.084	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	1746	0.076	ng		98
33) Indeno(1,2,3-cd)pyrene	25.51	276	6384	0.082	ng		99
35) Benzo(b)fluoranthene	22.71	252	5448	0.075	ng	#	85
36) Benzo(k)fluoranthene	22.76	252	5788	0.078	ng	#	79
37) Benzo(a)pyrene	23.27	252	4397	0.071	ng	#	76
38) Dibenzo(a,h)anthracene	25.52	278	5310	0.080	ng	#	87
39) Benzo(g,h,i)perylene	26.15	276	5361	0.080	ng		95

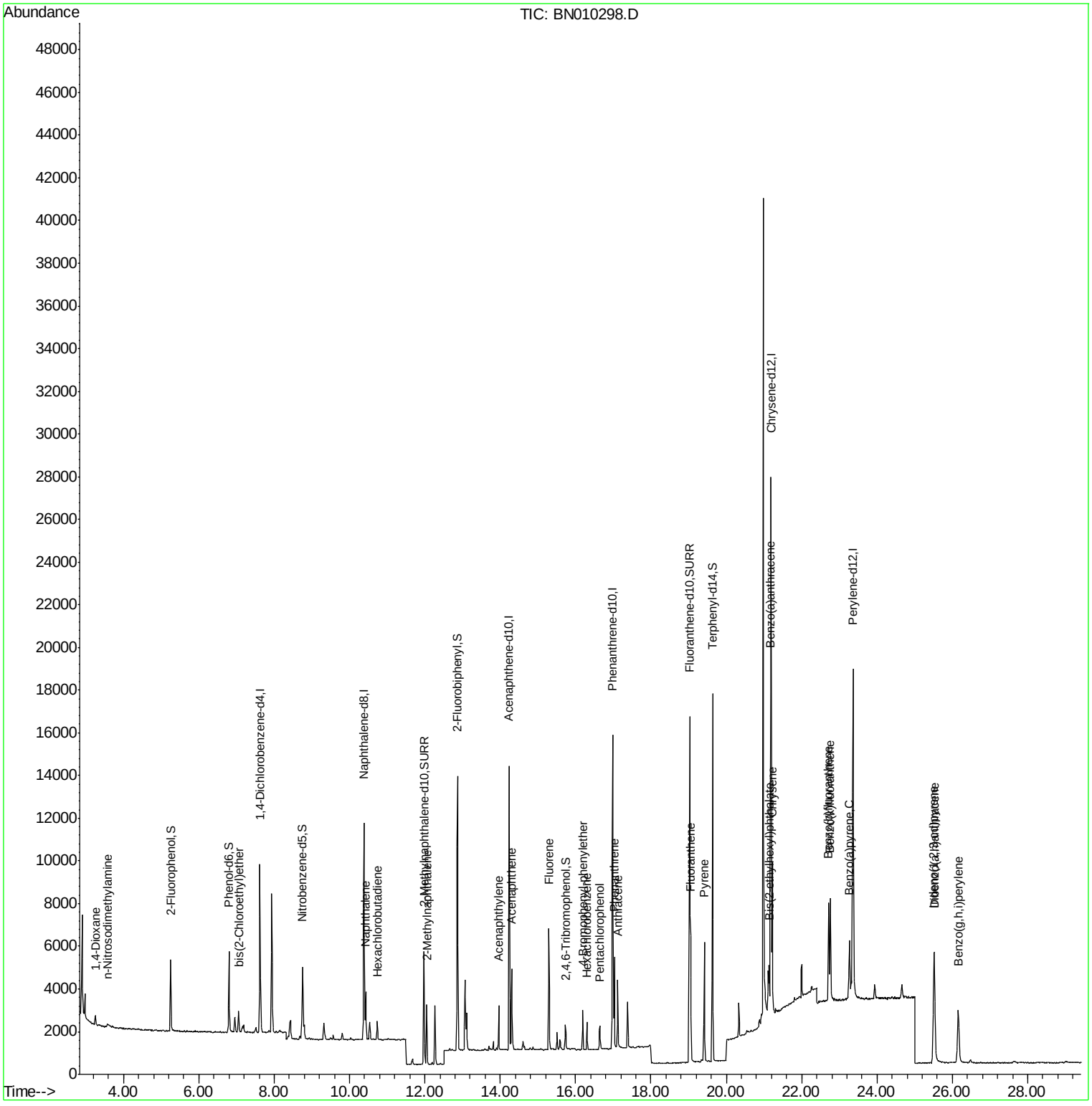
(#) = qualifier out of range (m) = manual integration (+) = signals summed

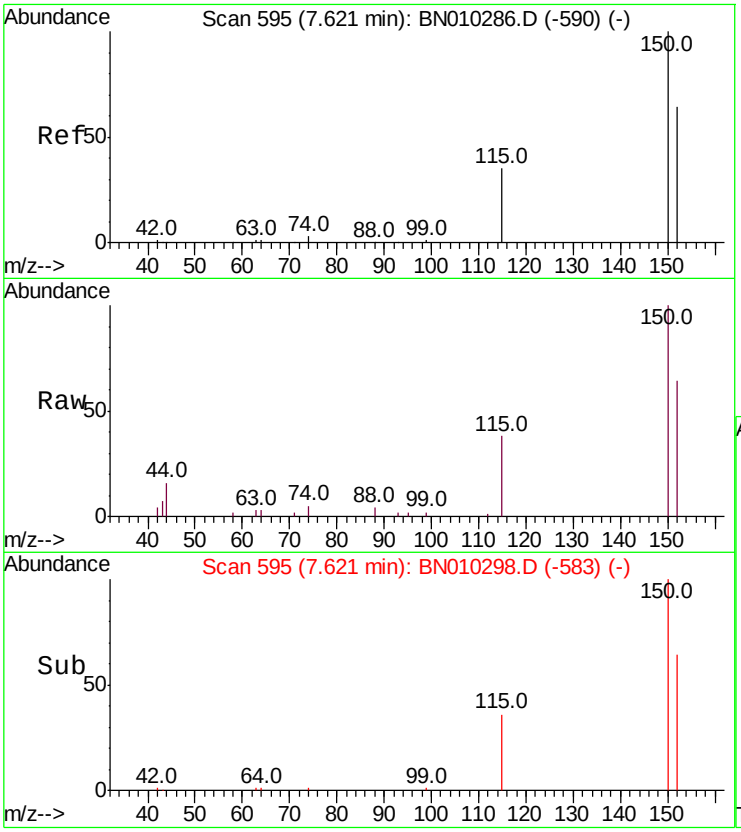
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010298.D
Acq On : 19 Mar 2020 21:03
Operator : CG/JU
Sample : L1161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 20 01:24:58 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



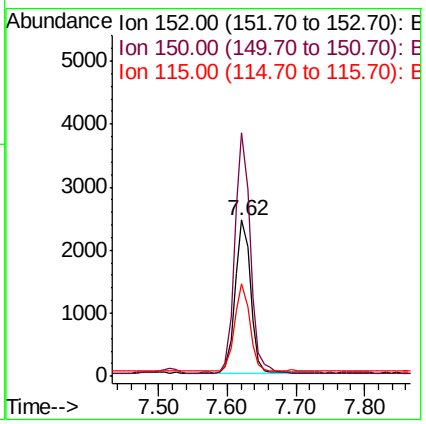


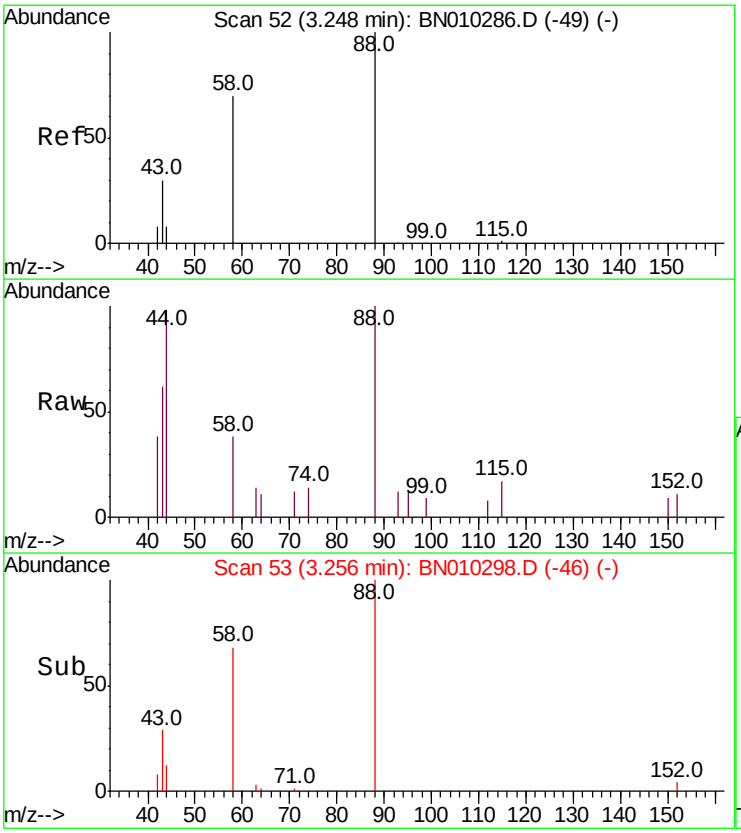
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3785

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.1	184.7
115	59.0	45.2	67.8

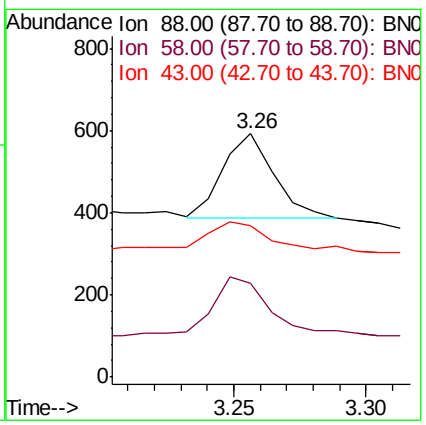


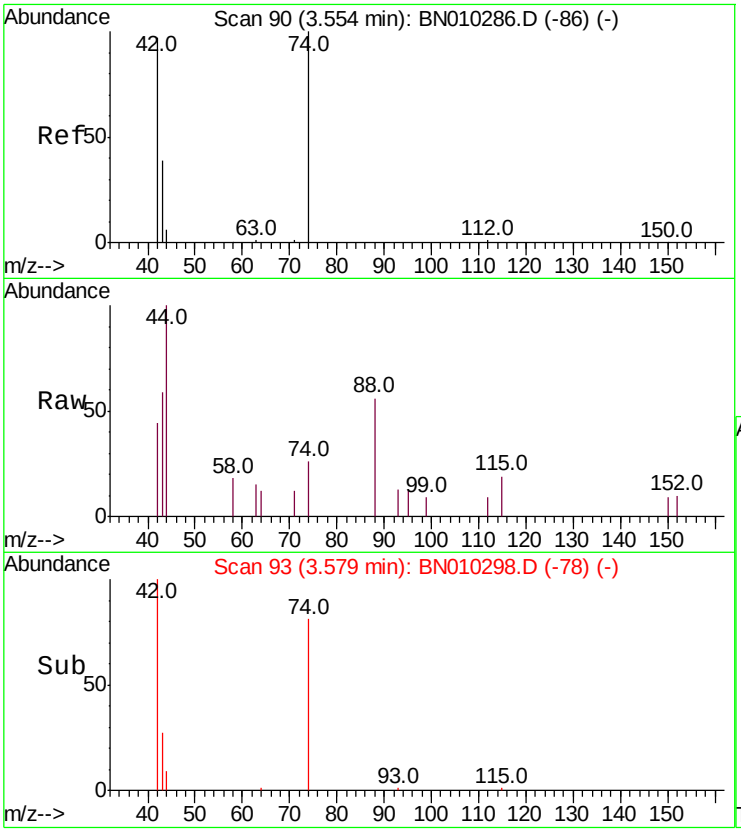


#2
1,4-Dioxane
Concen: 0.078 ng
RT: 3.26 min Scan# 53
Delta R.T. 0.01 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion: 88 Resp: 279

Ion	Ratio	Lower	Upper
88	100		
58	68.8	51.7	77.5
43	34.1	21.2	31.8#



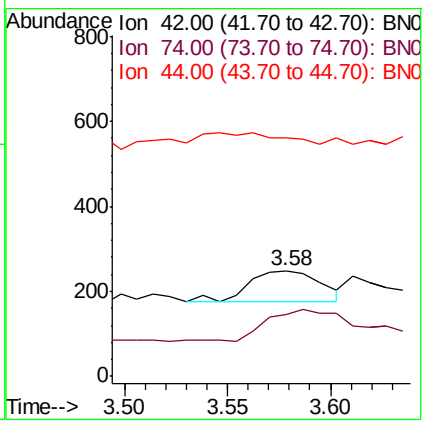


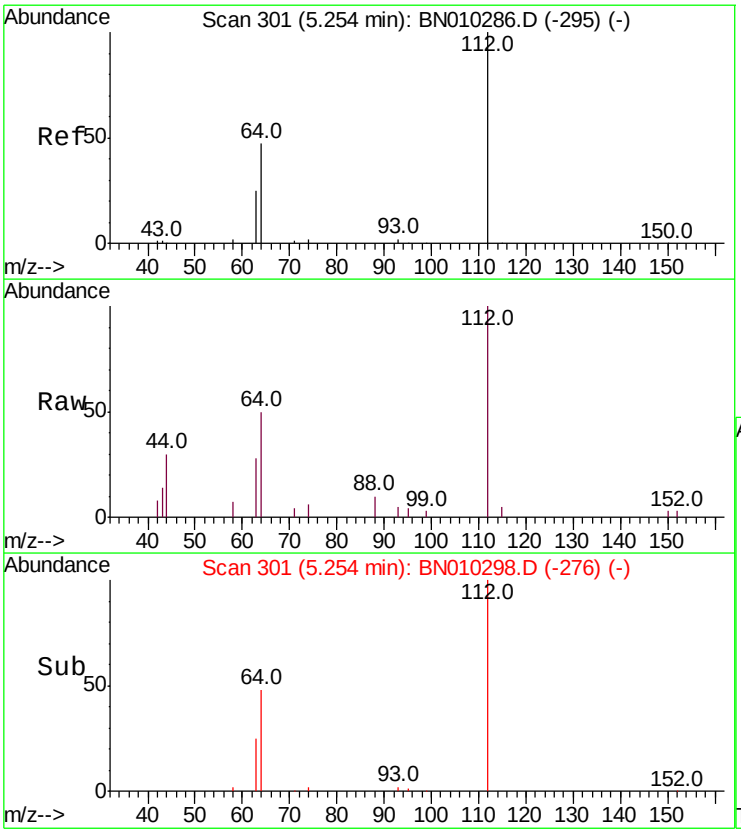
#3
n-Nitrosodimethylamine
Concen: 0.060 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.02 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 179

Ion	Ratio	Lower	Upper
42	100		
74	121.2	99.4	149.0
44	0.0	4.8	7.2#

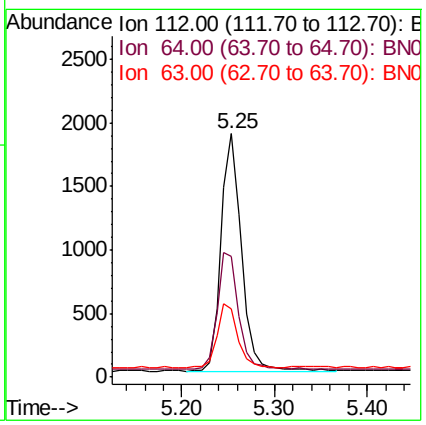


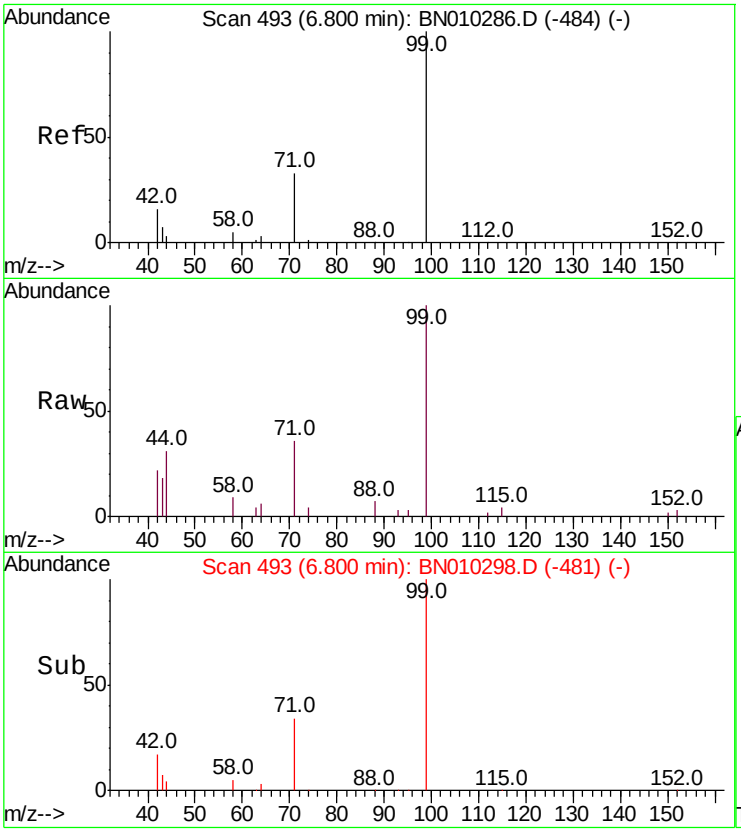


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:112 Resp: 2874

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.4	62.2
63	27.0	22.9	34.3



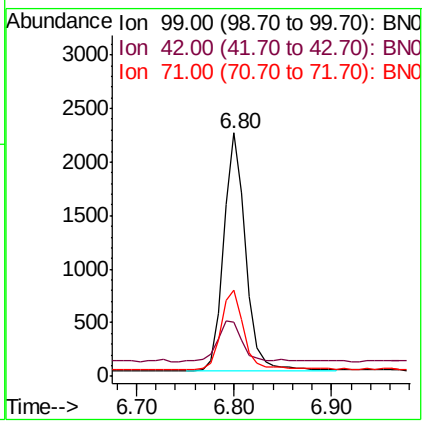


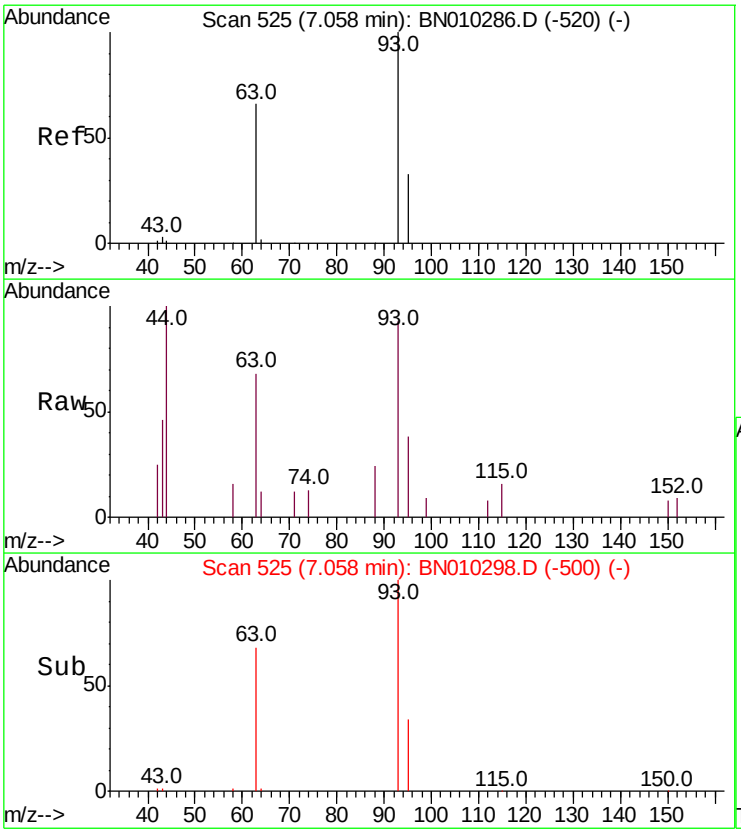
#5
Phenol-d6
Concen: 0.380 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3541

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	34.5	27.3	40.9

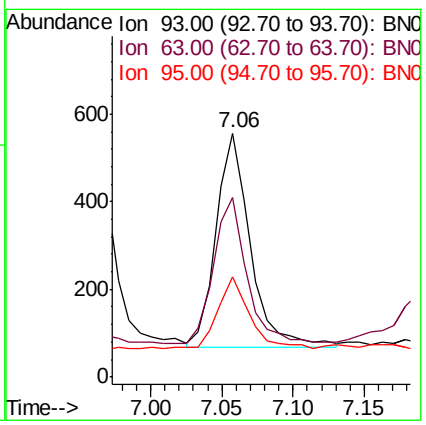


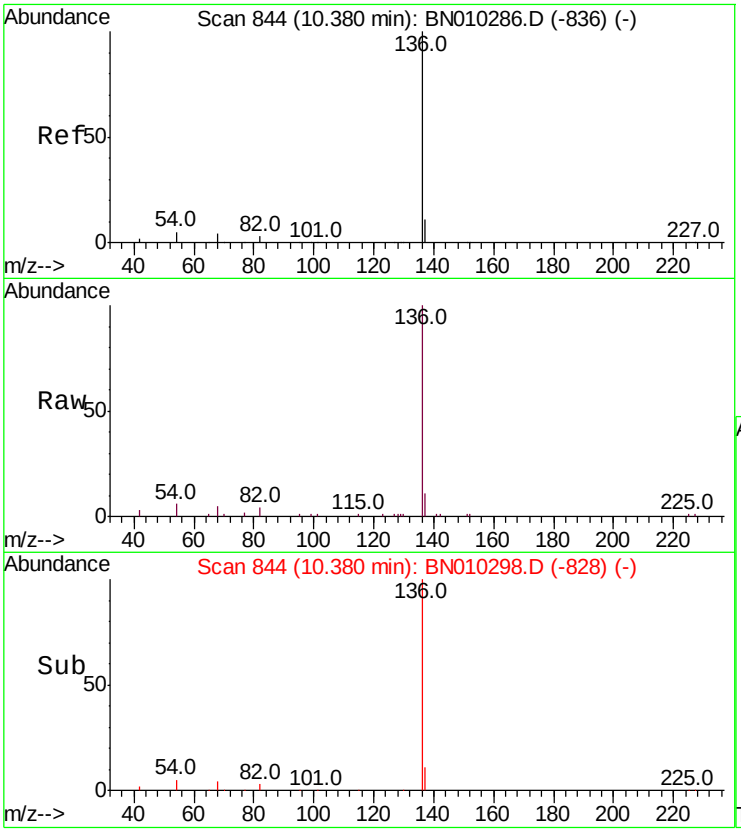


#6
bis(2-Chloroethyl)ether
Concen: 0.090 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion: 93 Resp: 810

Ion	Ratio	Lower	Upper
93	100		
63	66.0	55.6	83.4
95	31.9	26.2	39.4



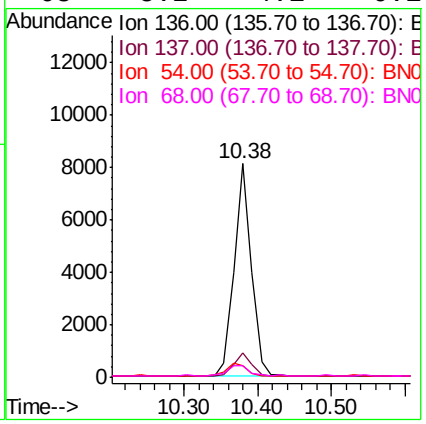


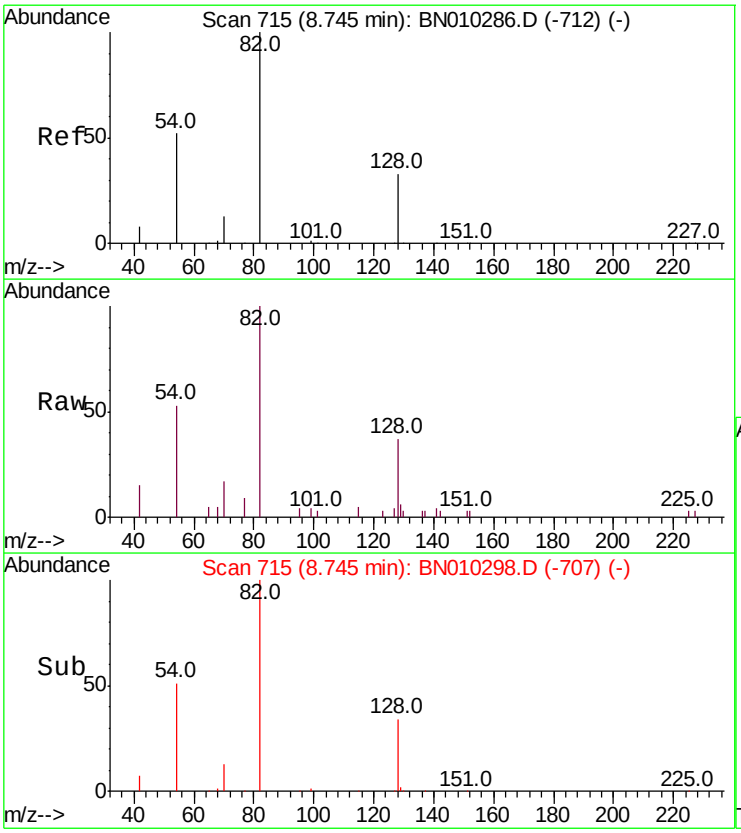
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13119

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	5.6	4.8	7.2
68	5.2	4.1	6.1

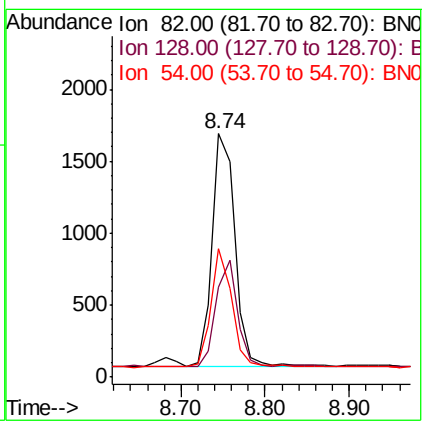


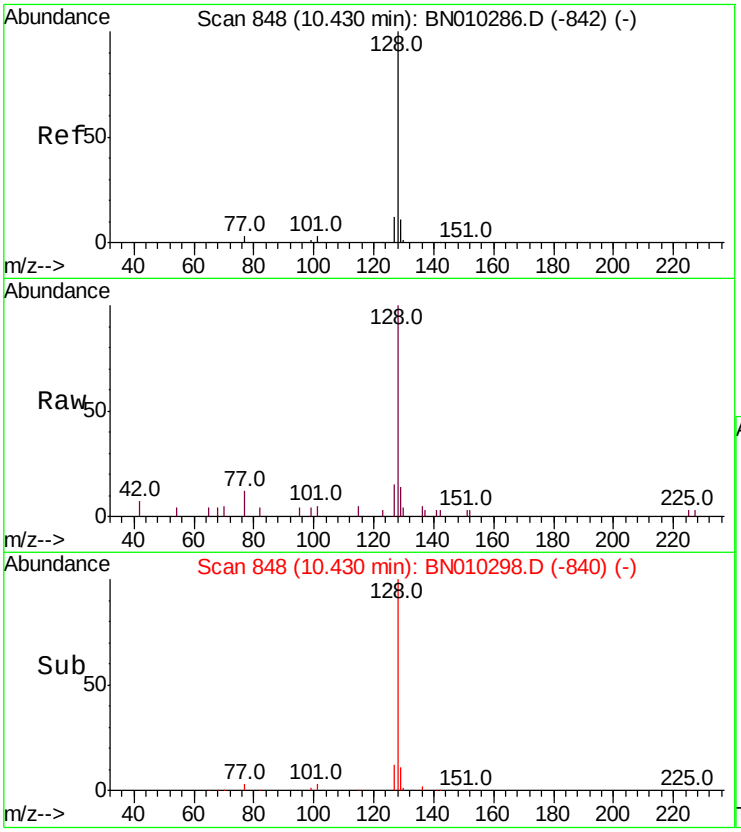


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion: 82 Resp: 3046

Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.8	43.2
54	52.5	42.1	63.1



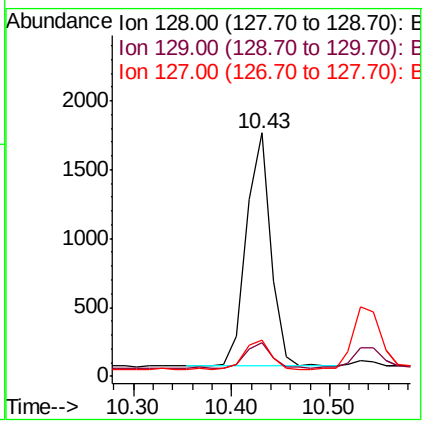


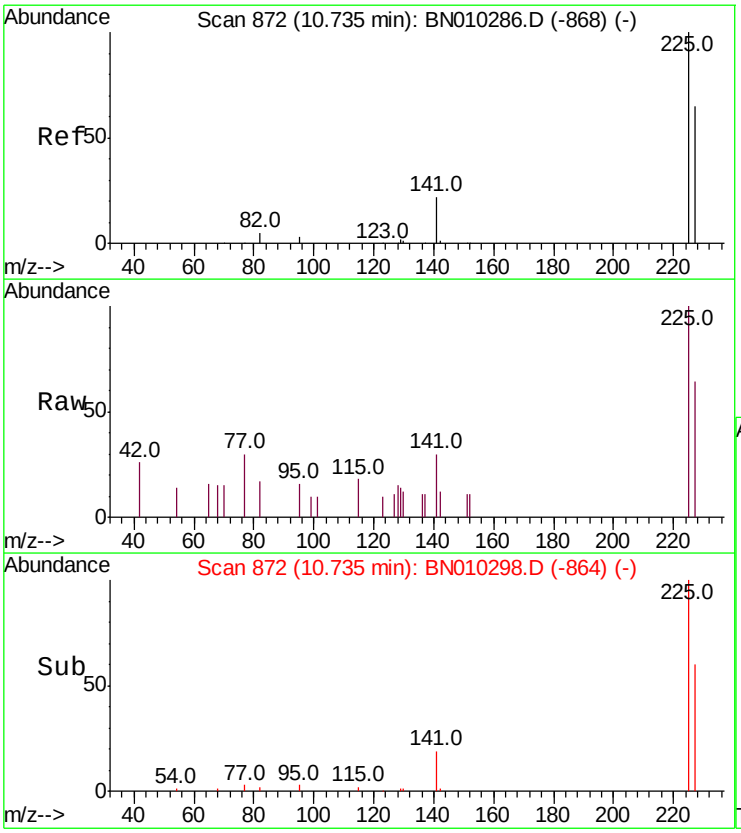
#9
Naphthalene
Concen: 0.089 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2920

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.1	13.7#
127	15.1	10.4	15.6

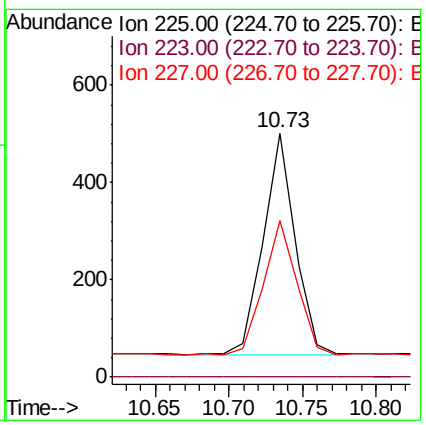


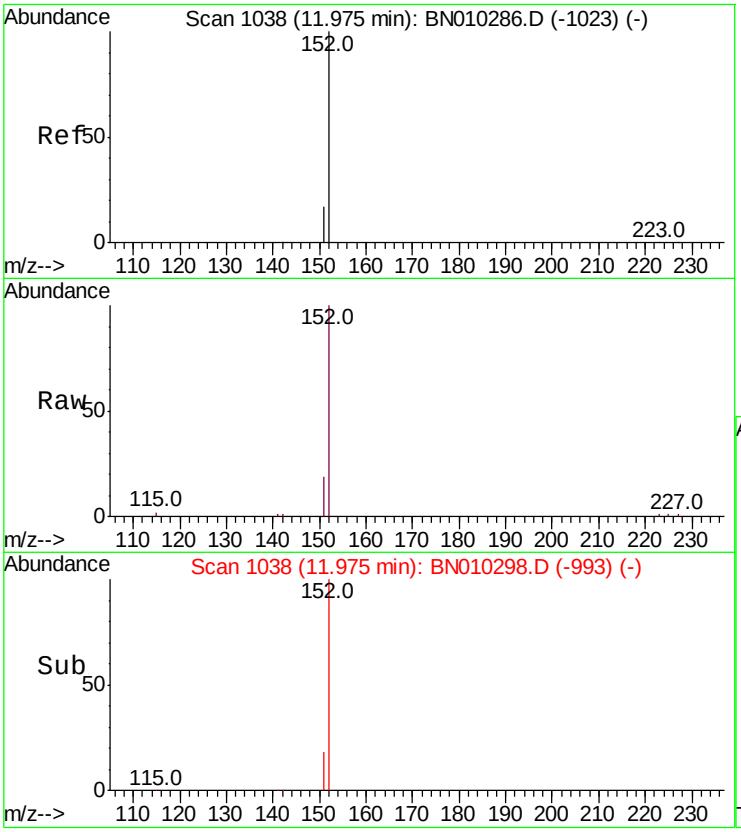


#10
Hexachlorobutadiene
Concen: 0.087 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:225 Resp: 690

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	51.9	77.9



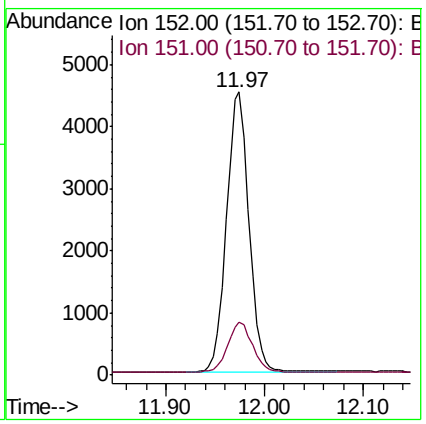


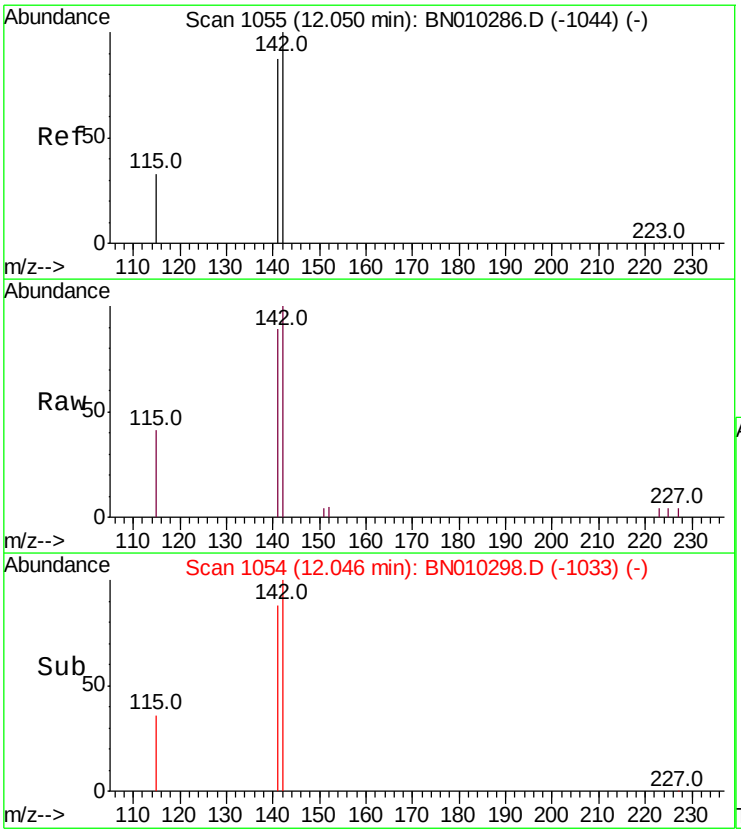
#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7103

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

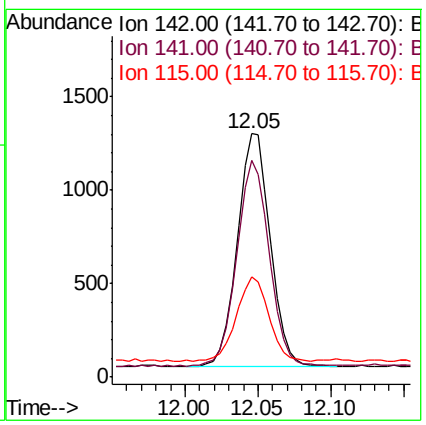


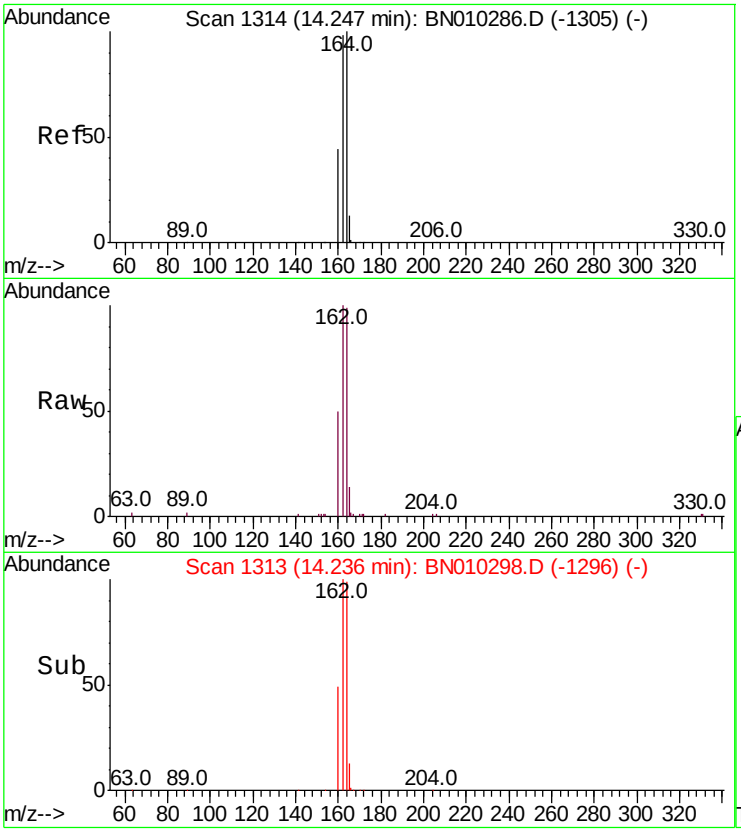


#12
2-Methylnaphthalene
Concen: 0.087 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:142 Resp: 1979

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.5	104.3
115	41.2	27.5	41.3



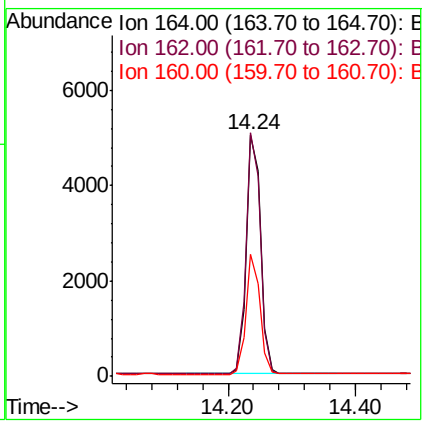


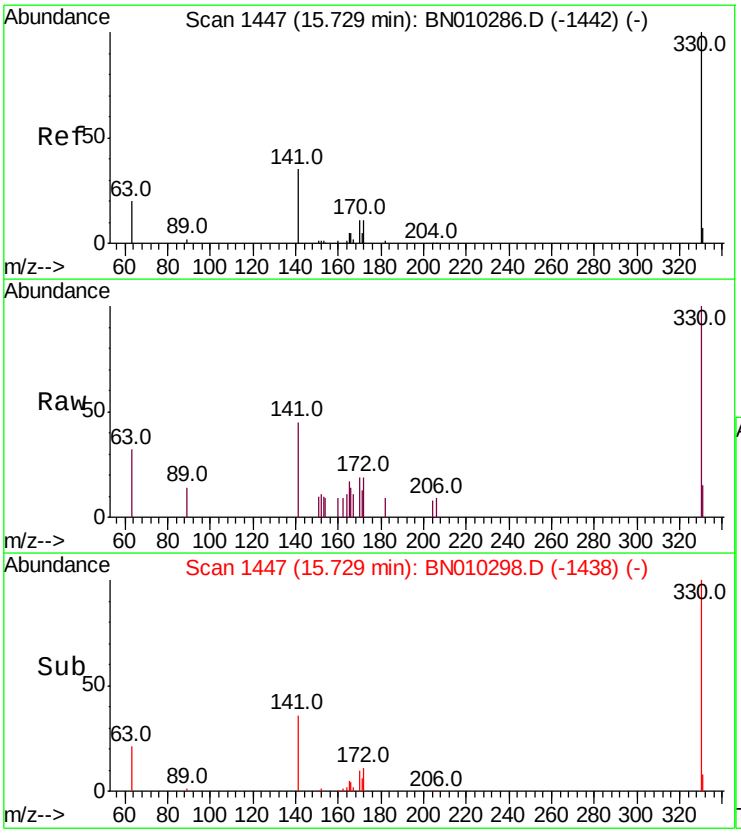
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7958

Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.2	117.2
160	50.3	35.8	53.6

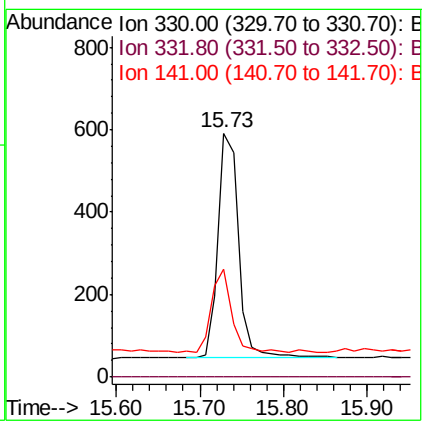


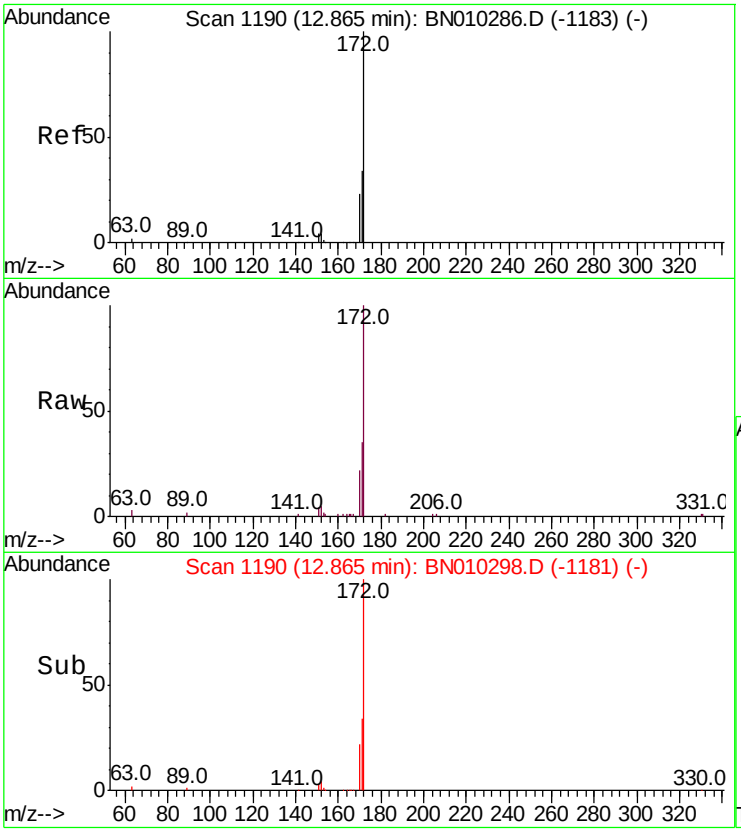


#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:330 Resp: 935

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.9	29.3	43.9



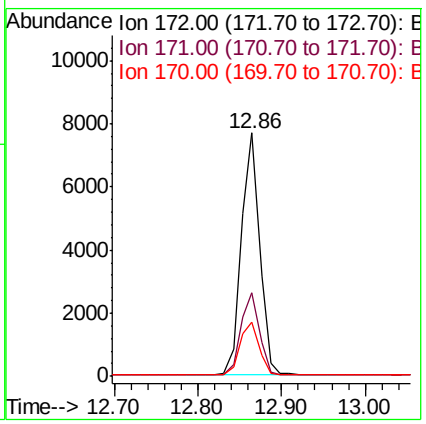


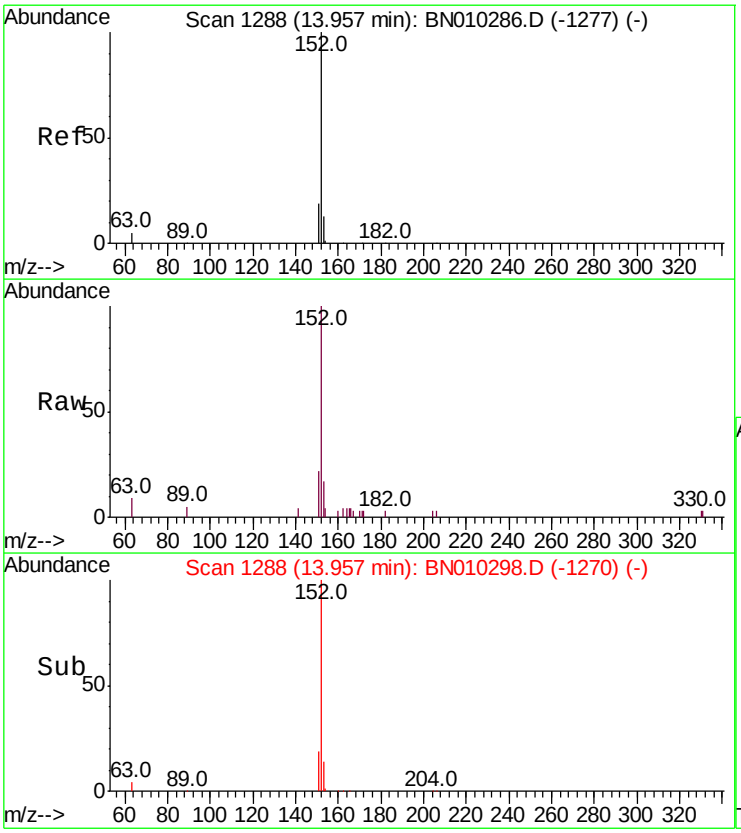
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 11587

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.6	41.4
170	22.1	18.5	27.7

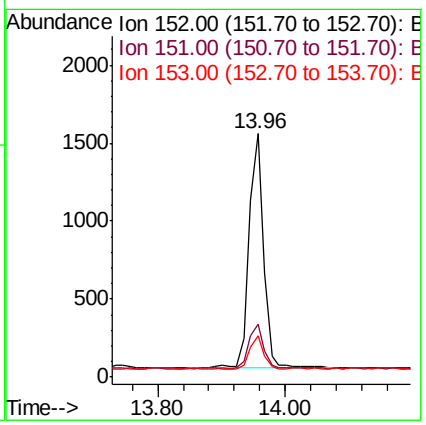


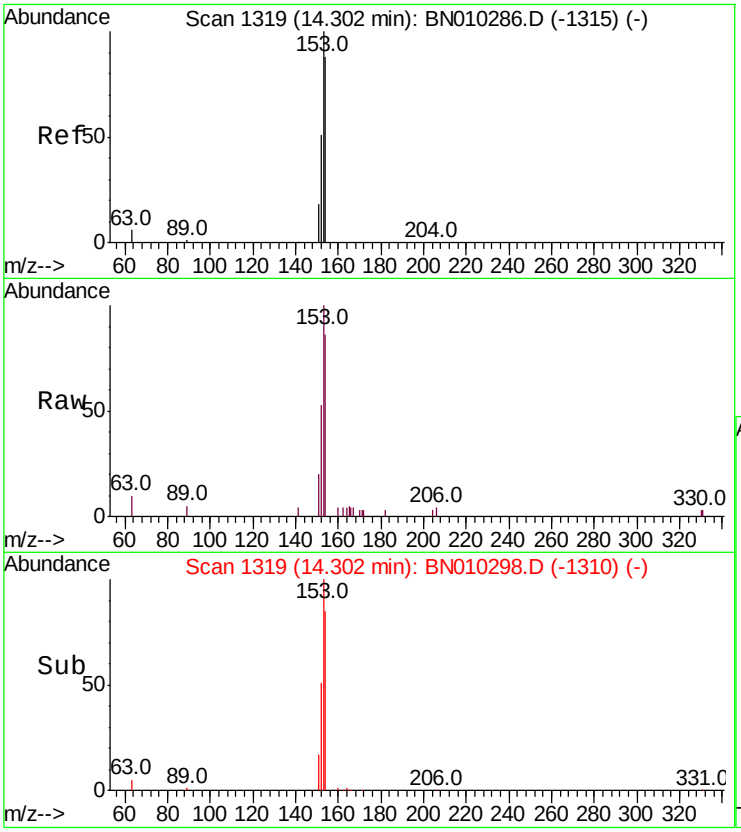


#16
Acenaphthylene
Concen: 0.078 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:152 Resp: 2429

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.6	15.8



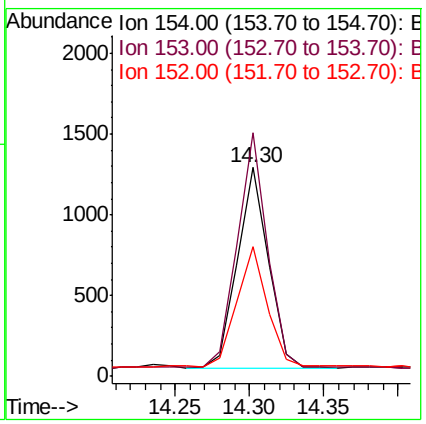


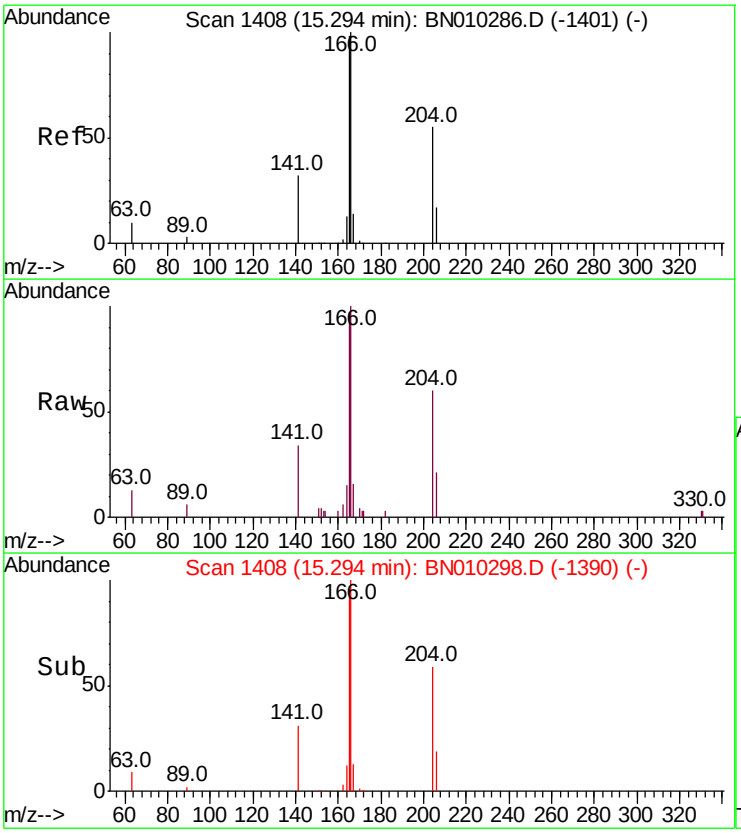
#17
Acenaphthene
Concen: 0.080 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1780

Ion	Ratio	Lower	Upper
154	100		
153	115.1	88.1	132.1
152	60.7	45.5	68.3

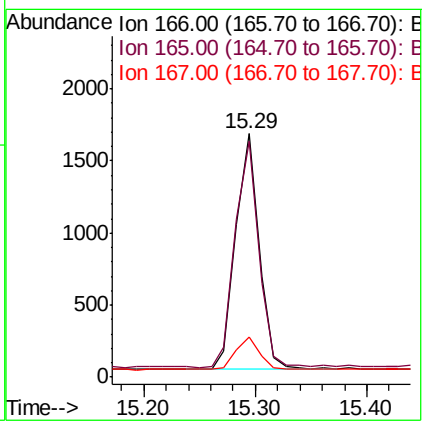


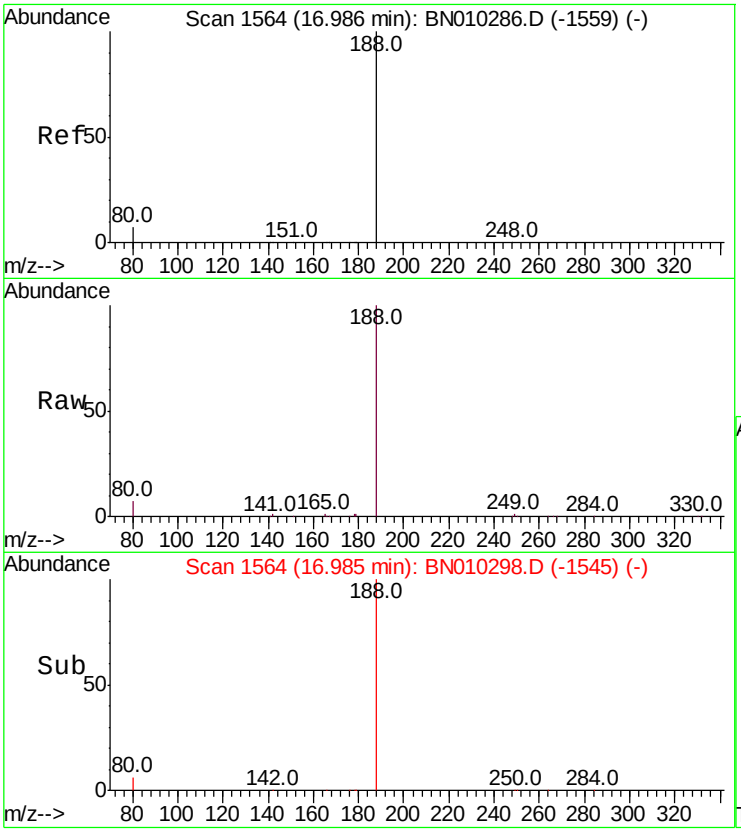


#18
Fluorene
Concen: 0.080 ng
RT: 15.29 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:166 Resp: 2371

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.7	118.1
167	13.9	11.0	16.4



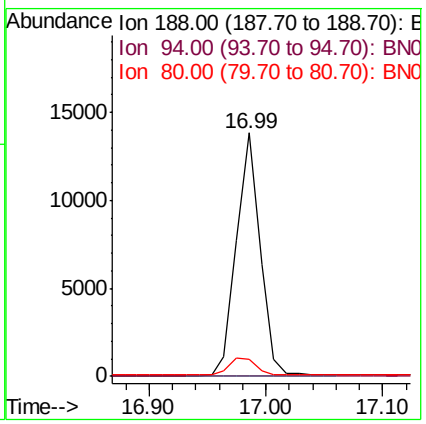


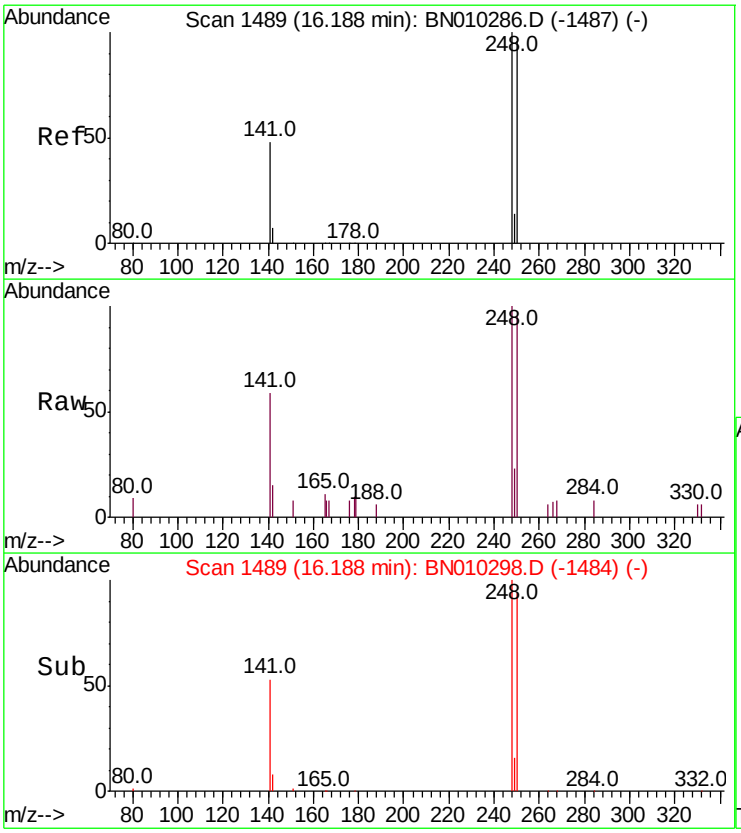
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 19252

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.0	9.0

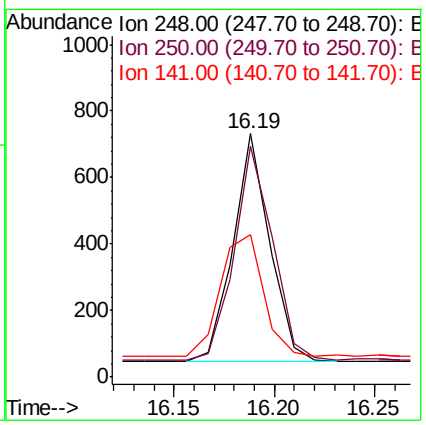


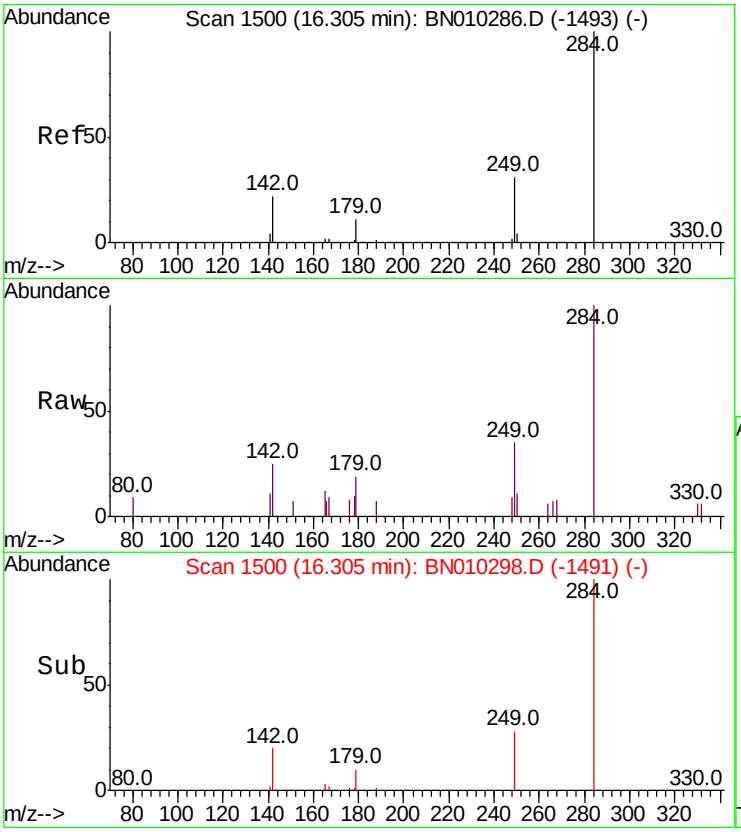


#20
4-Bromophenyl-phenylether
Concen: 0.075 ng
RT: 16.19 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:248 Resp: 873

Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.8	115.2
141	58.6	44.4	66.6



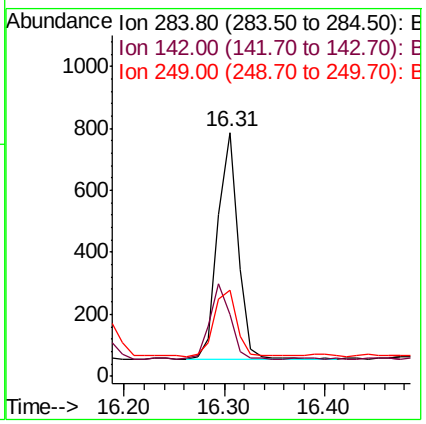


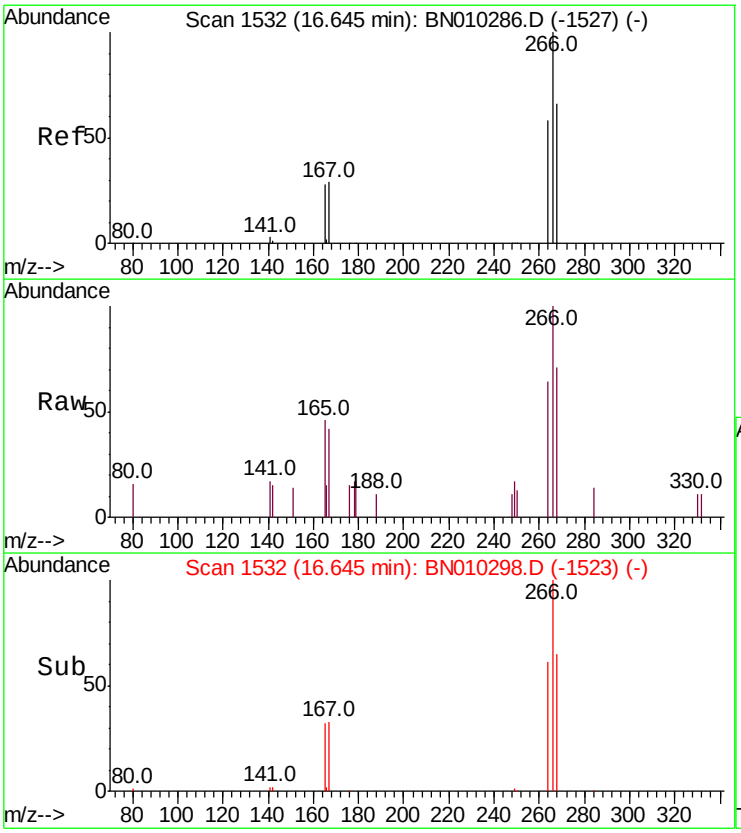
#21
Hexachlorobenzene
Concen: 0.087 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1038

Ion	Ratio	Lower	Upper
284	100		
142	32.6	27.4	41.2
249	32.5	26.5	39.7

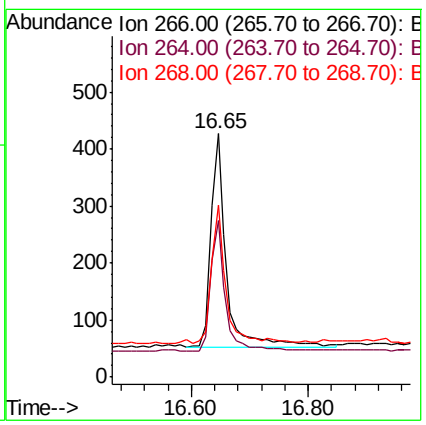


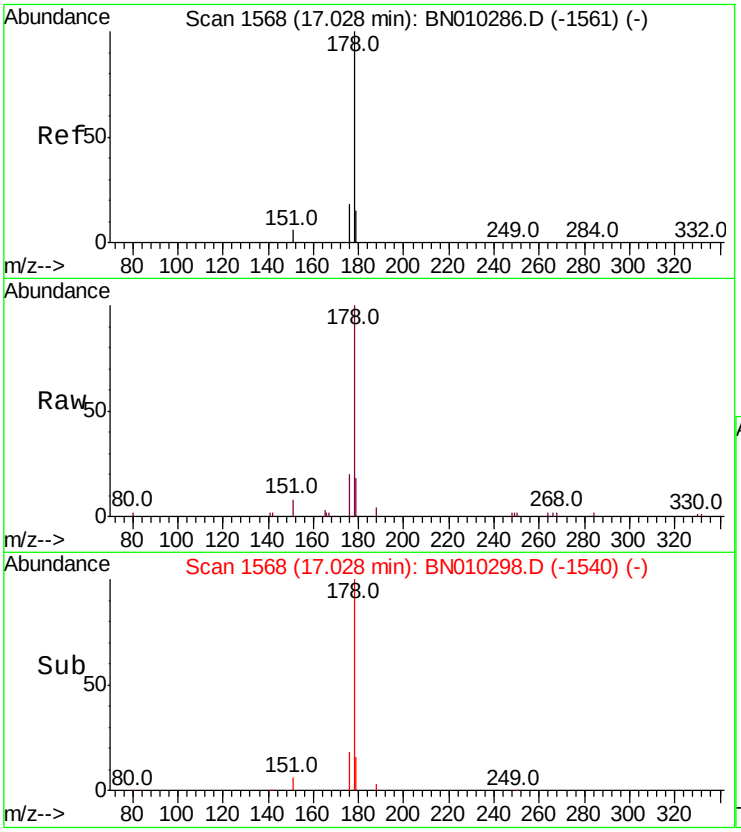


#22
Pentachlorophenol
Concen: 0.170 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:266 Resp: 696

Ion	Ratio	Lower	Upper
266	100		
264	64.2	47.7	71.5
268	70.7	54.9	82.3



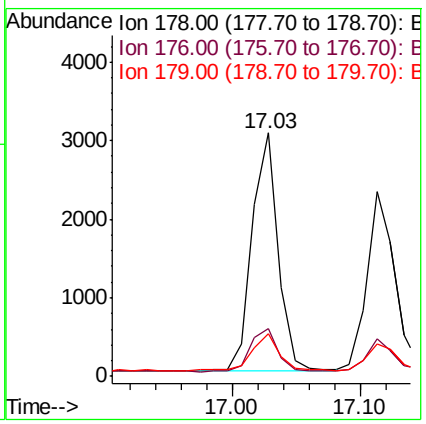


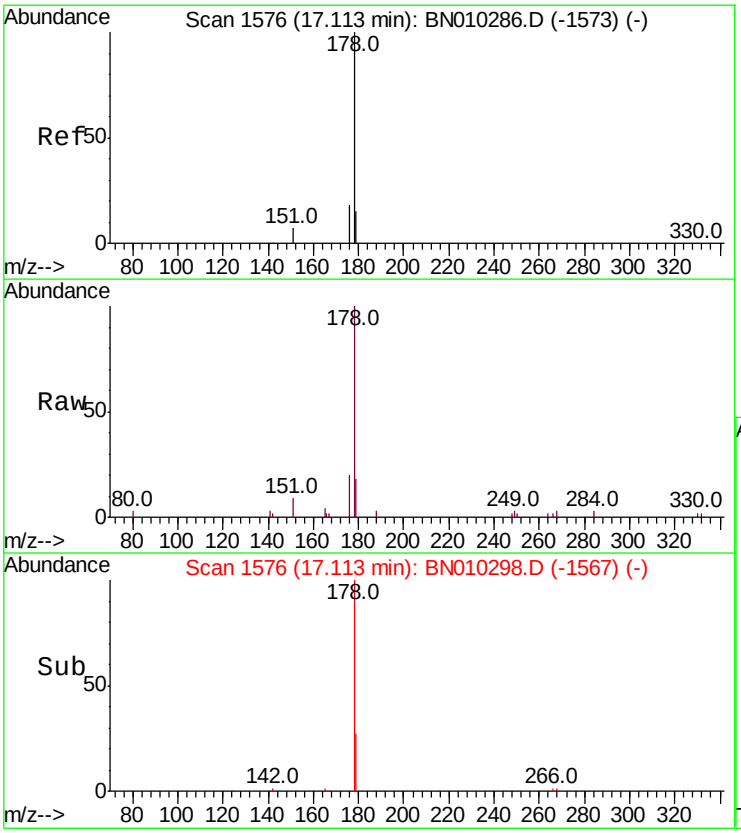
#23
Phenanthrene
Concen: 0.082 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 4323

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.8	12.4	18.6

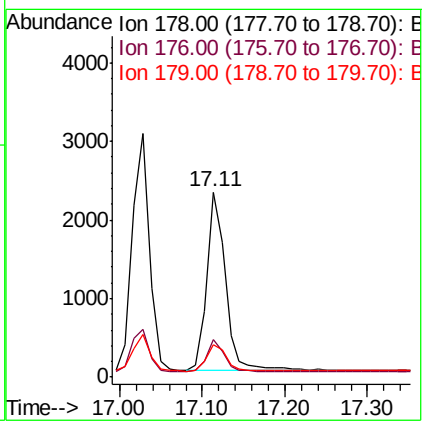


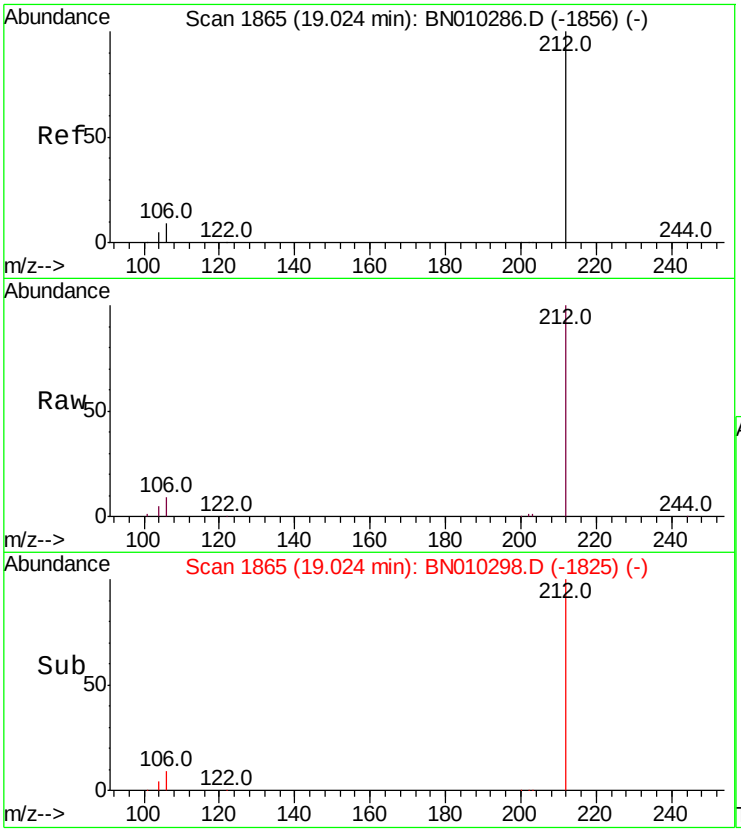


#24
Anthracene
Concen: 0.078 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:178 Resp: 3536

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.5	21.7
179	16.5	12.3	18.5



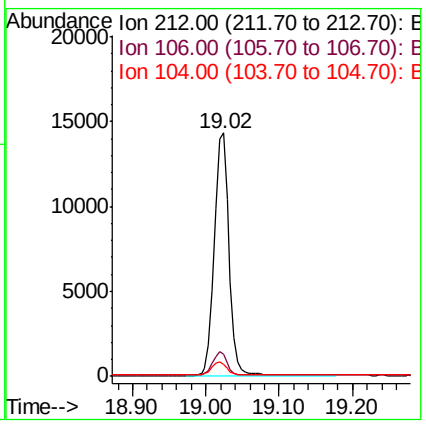


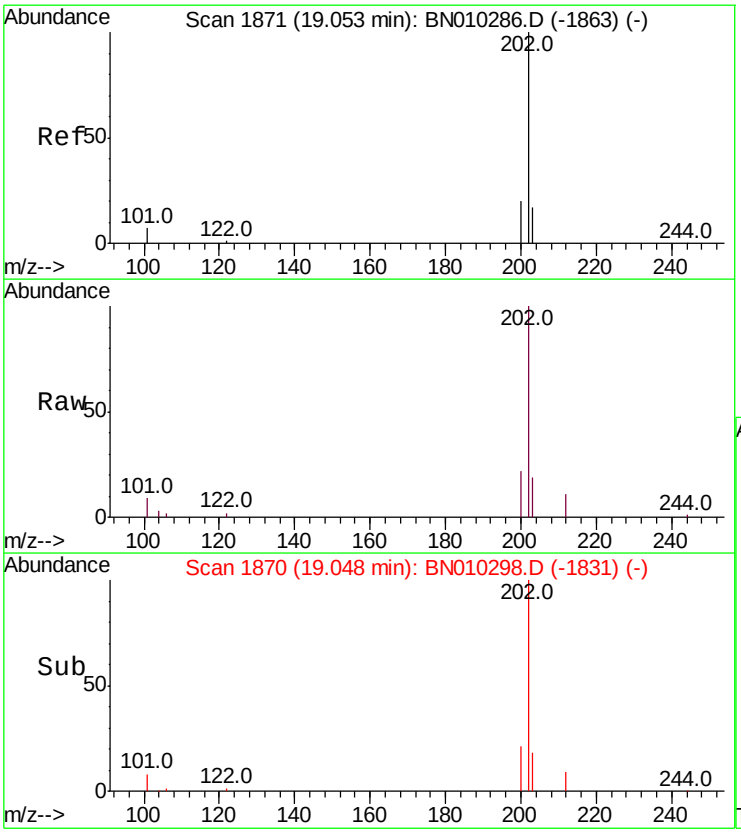
#25
Fluoranthene-d10
Concen: 0.340 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 19718

Ion	Ratio	Lower	Upper
212	100		
106	9.3	7.4	11.2
104	5.3	4.2	6.4

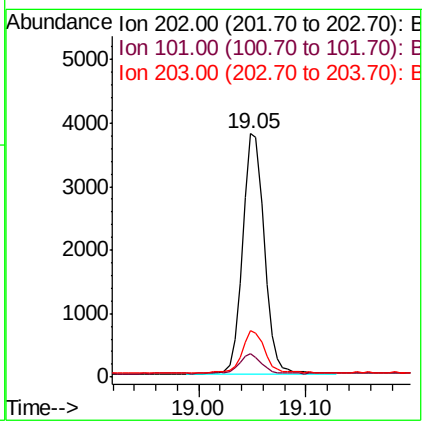


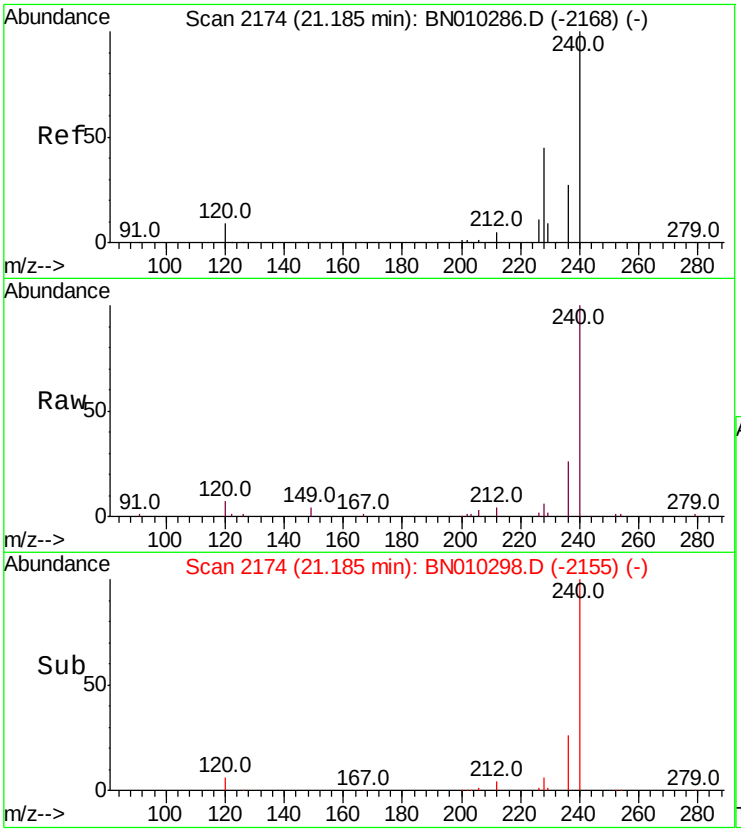


#26
Fluoranthene
Concen: 0.081 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:202 Resp: 5268

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.6	9.8
203	17.7	13.8	20.8



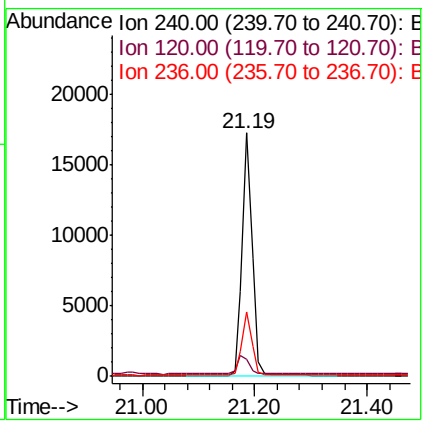


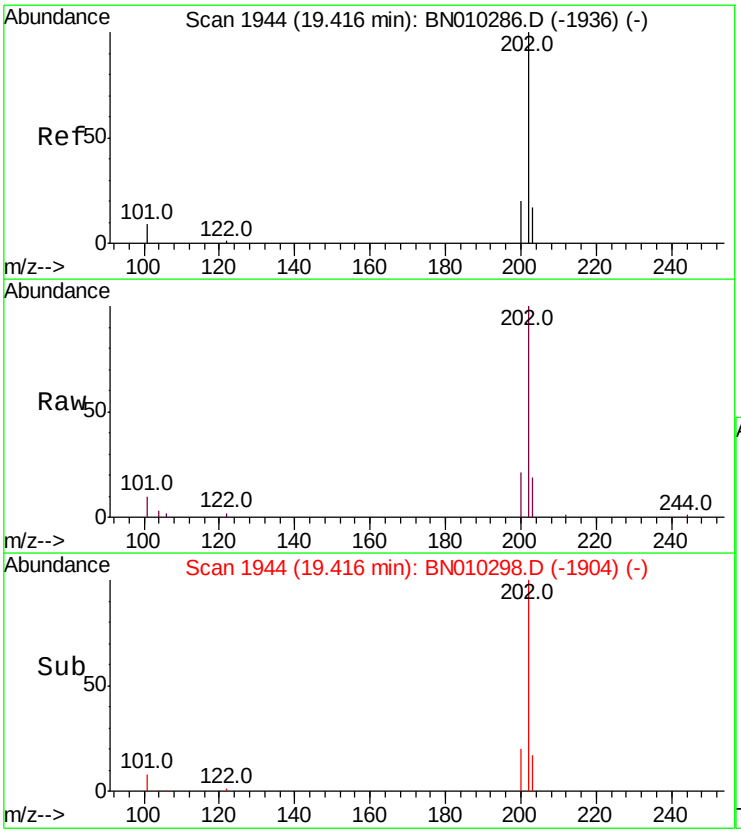
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21347

Ion	Ratio	Lower	Upper
240	100		
120	7.2	7.9	11.9#
236	26.5	22.2	33.4

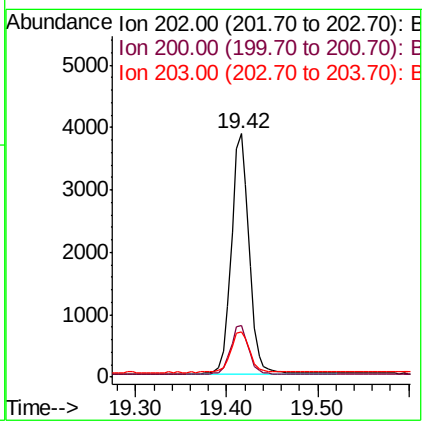


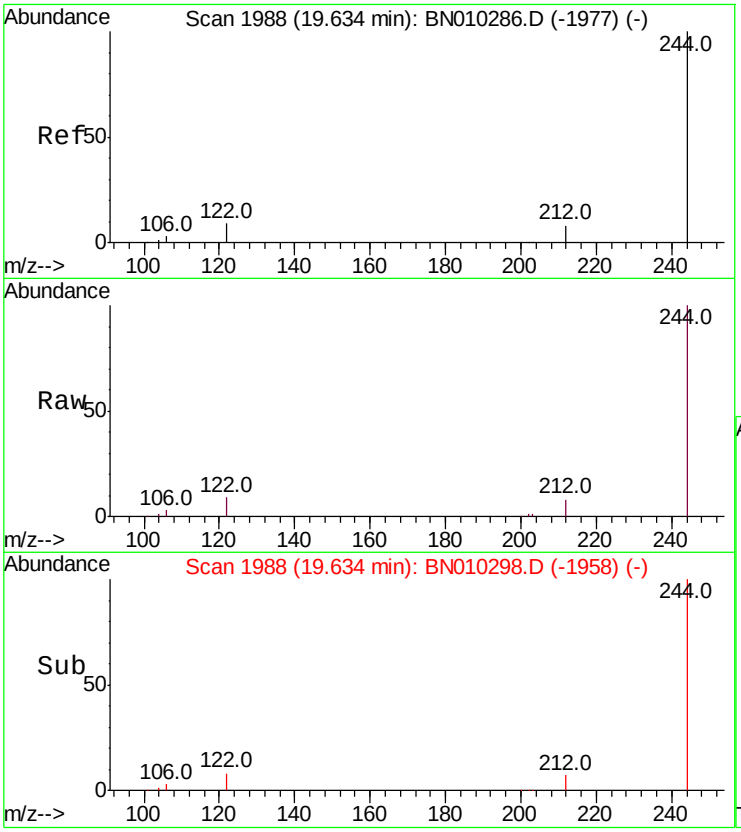


#28
Pyrene
Concen: 0.079 ng
RT: 19.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:202 Resp: 5228

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	18.0	14.2	21.2



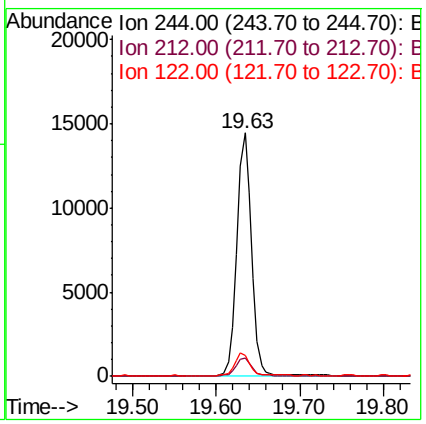


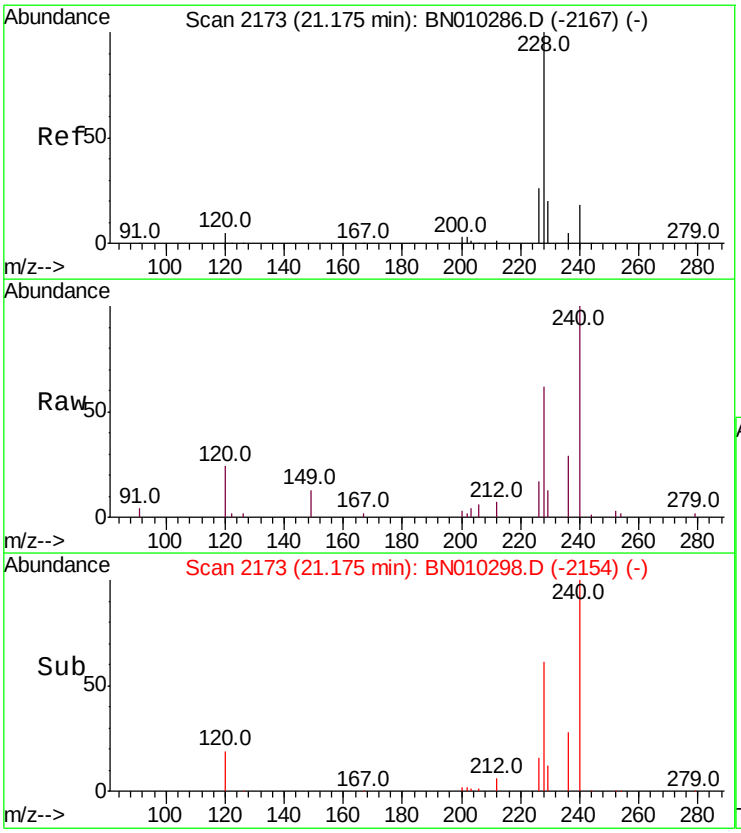
#29
Terphenyl-d14
Concen: 0.375 ng
RT: 19.63 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 17279

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	8.7	7.6	11.4

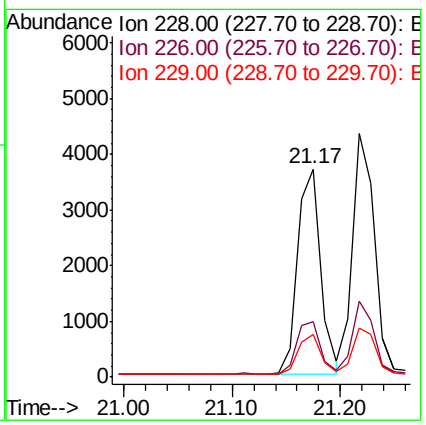


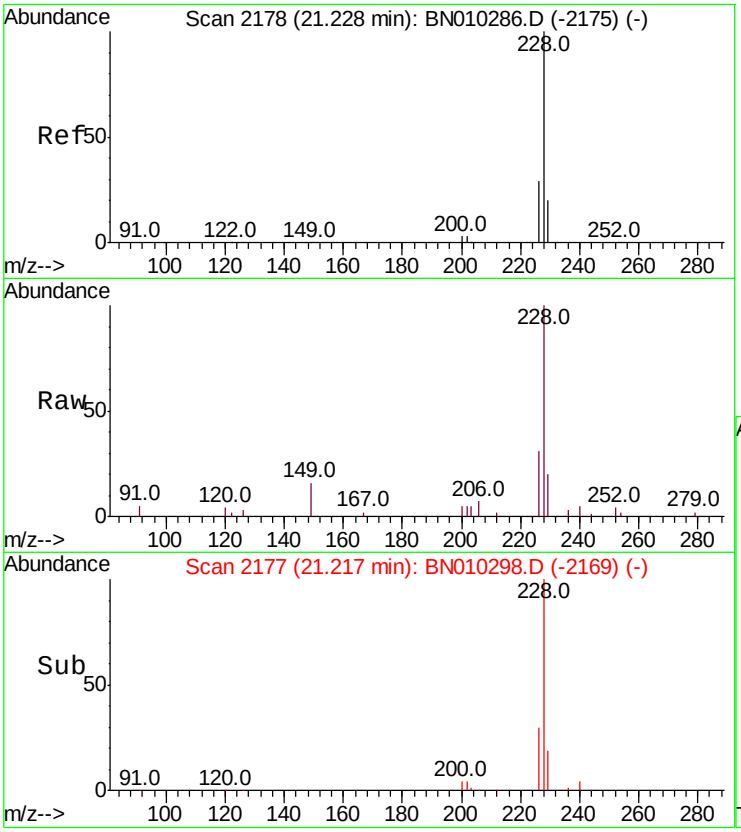


#30
Benzo(a)anthracene
Concen: 0.080 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:228 Resp: 5432

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.4
229	20.8	16.0	24.0



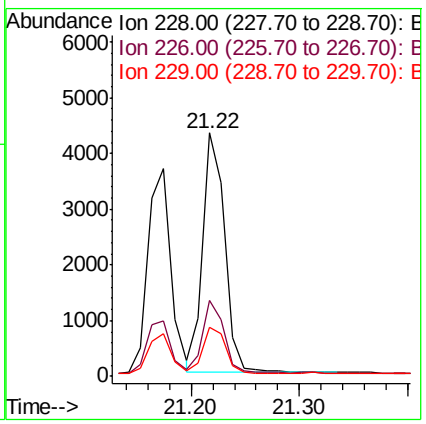


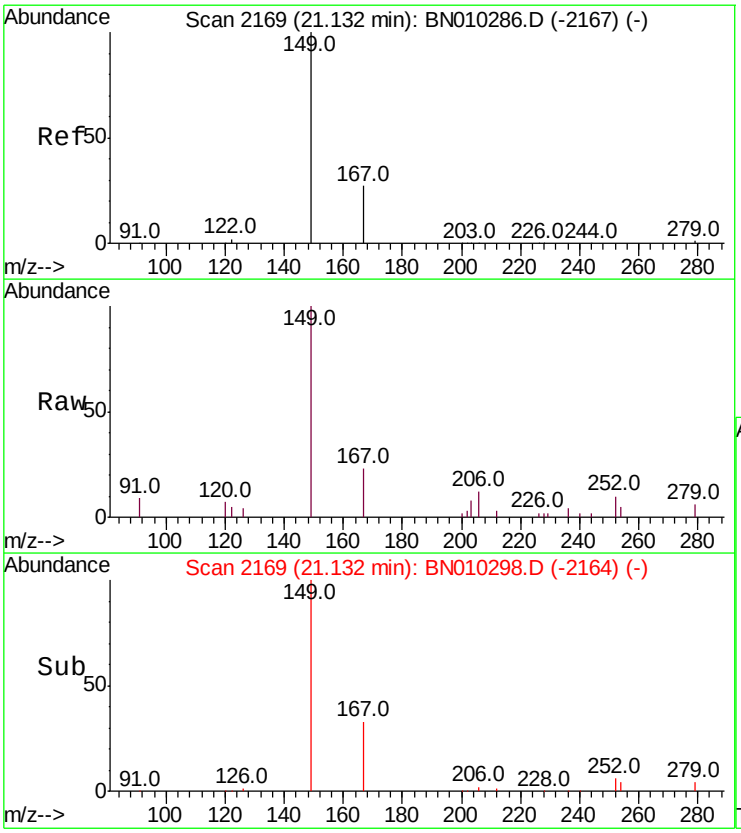
#31
Chrysene
Concen: 0.084 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6090

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.0	34.6
229	20.1	16.0	24.0

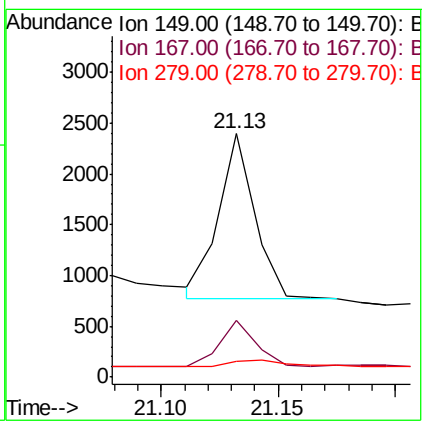


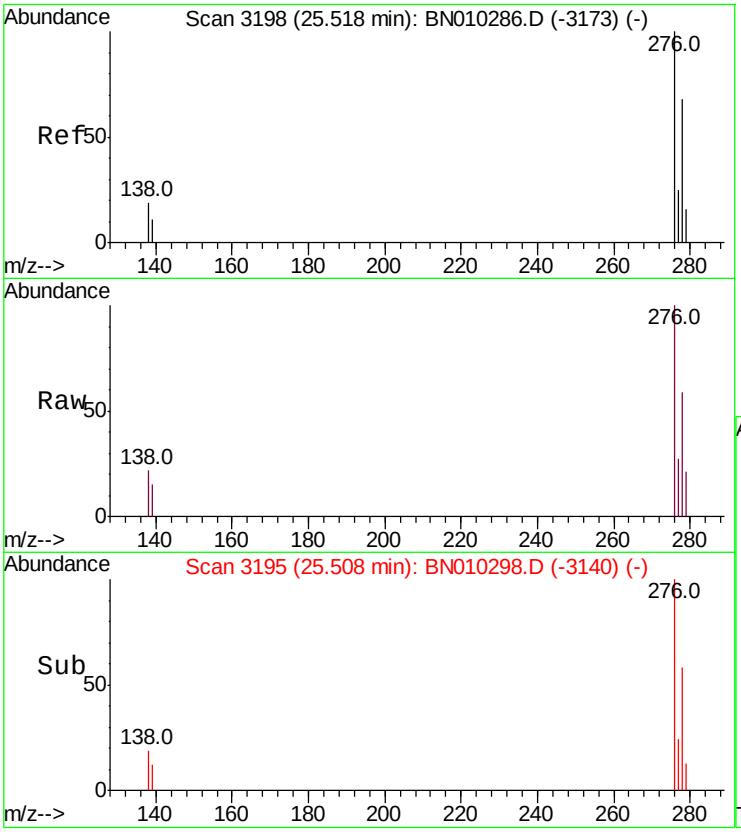


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:149 Resp: 1746

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.6
279	5.7	3.8	5.8



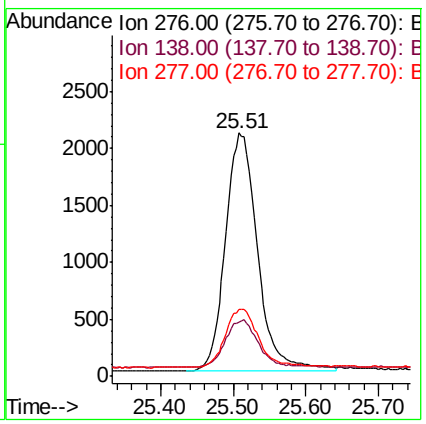


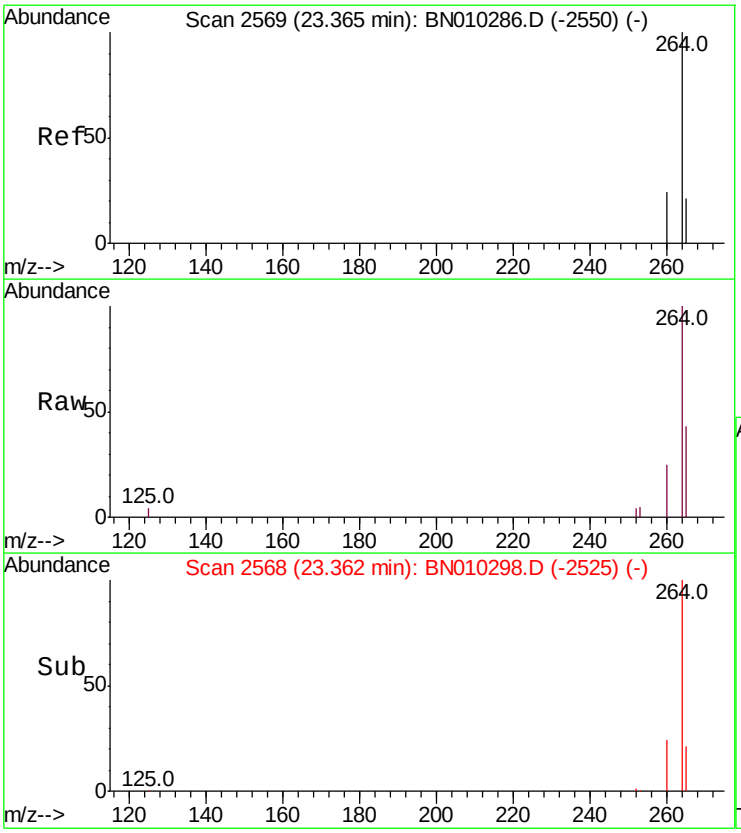
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng
RT: 25.51 min Scan# 3195
Delta R.T. -0.01 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6384

Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.6	23.4
277	25.4	20.1	30.1

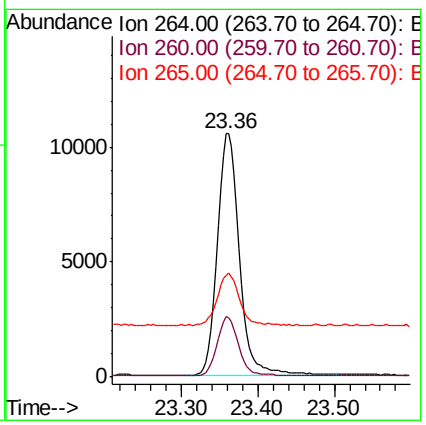


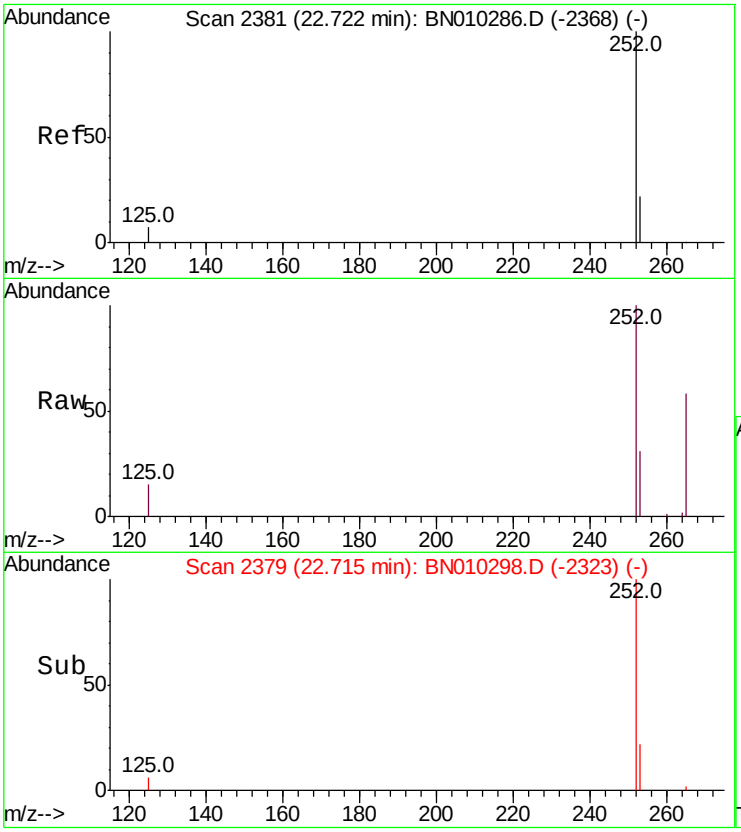


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2568
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:264 Resp: 21469

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	42.6	32.4	48.6



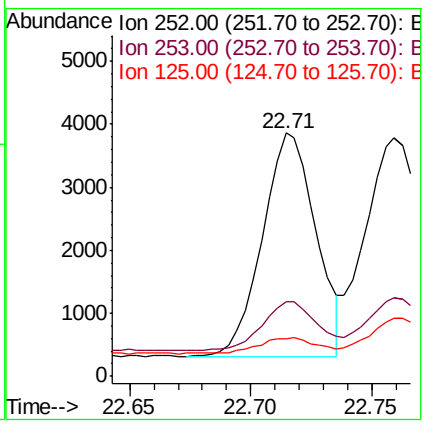


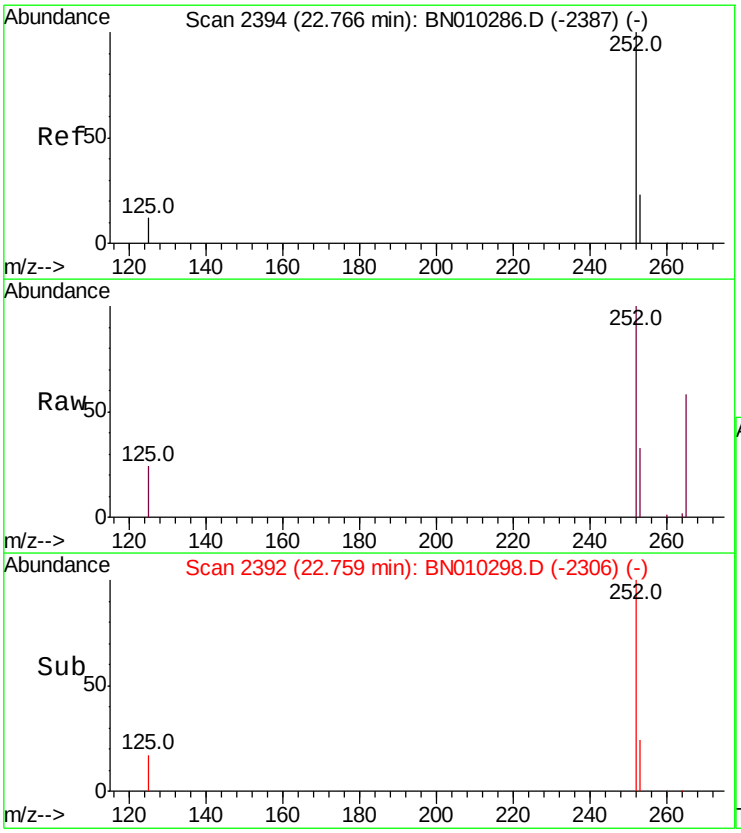
#35
Benzo(b)fluoranthene
Concen: 0.075 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5448

Ion	Ratio	Lower	Upper
252	100		
253	30.9	19.2	28.8#
125	15.4	7.4	11.0#

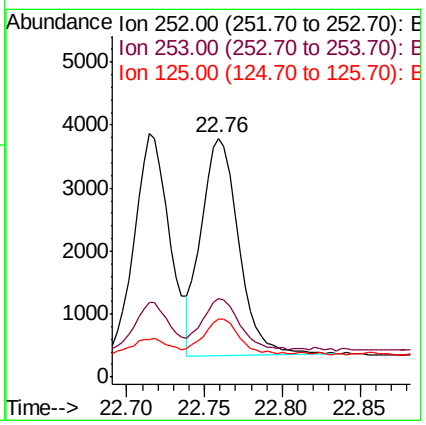


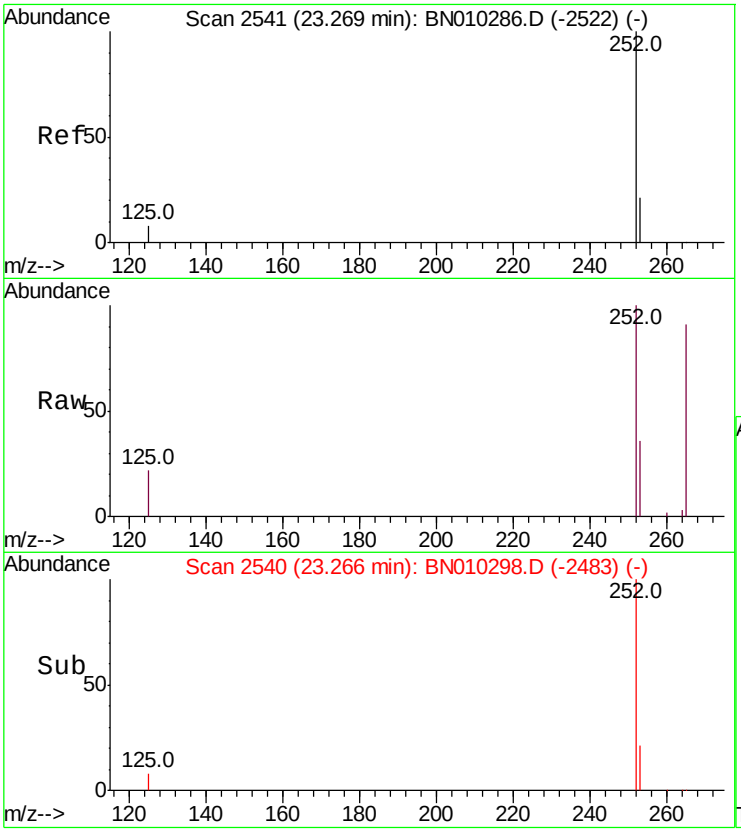


#36
Benzo(k)fluoranthene
Concen: 0.078 ng
RT: 22.76 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:252 Resp: 5788

Ion	Ratio	Lower	Upper
252	100		
253	32.6	19.4	29.0#
125	24.2	10.2	15.2#



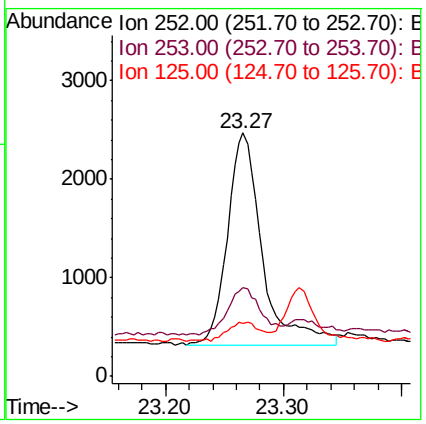


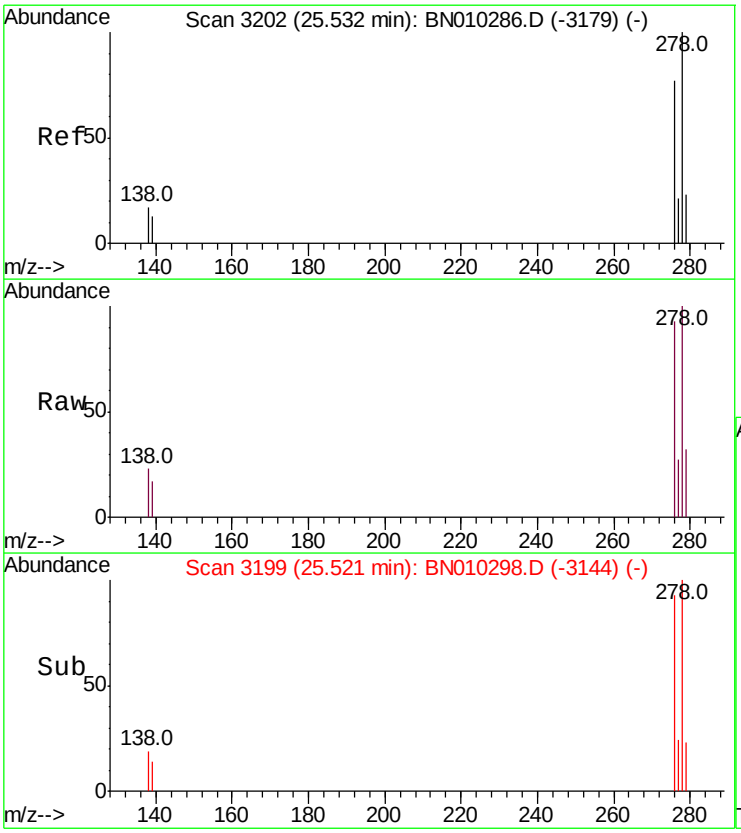
#37
Benzo(a)pyrene
Concen: 0.071 ng
RT: 23.27 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4397

Ion	Ratio	Lower	Upper
252	100		
253	36.2	19.9	29.9#
125	21.9	8.9	13.3#

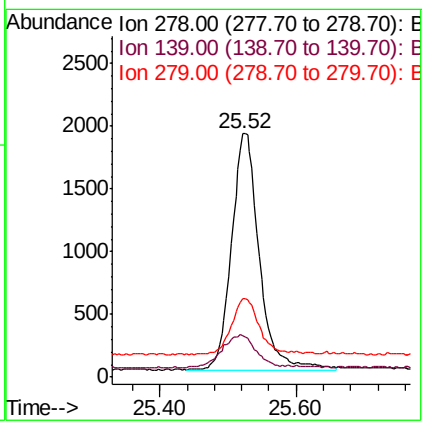


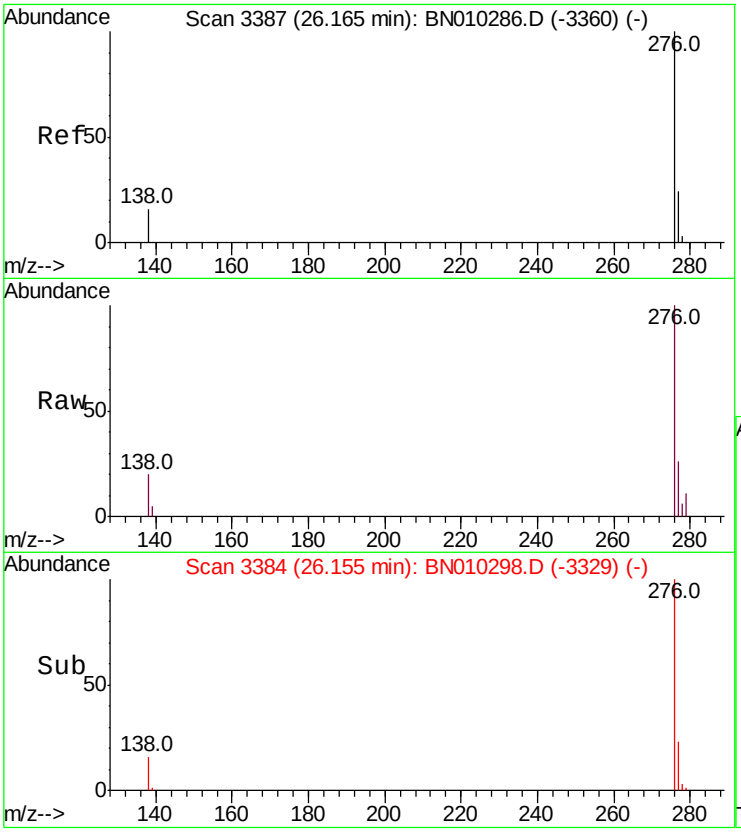


#38
Dibenzo(a,h)anthracene
Concen: 0.080 ng
RT: 25.52 min Scan# 3199
Delta R.T. -0.01 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Tgt Ion:278 Resp: 5310

Ion	Ratio	Lower	Upper
278	100		
139	17.1	10.6	16.0#
279	32.0	19.8	29.6#





#39
Benzo(g,h,i)perylene
Concen: 0.080 ng
RT: 26.15 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BN010298.D
Acq: 19 Mar 2020 21:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 5361

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.6	29.4
138	19.9	13.3	19.9