Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010283.D
Acq On : 19 Mar 2020 10:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 19 15:17:42 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 15:04:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4354	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	15278	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	9273	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	21514	0.40	ng		0.00
27) Chrysene-d12	21.18	240	22730	0.40	ng		0.00
34) Perylene-d12	23.36	264	25443	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3721	0.36	ng		0.00
5) Phenol-d6	6.80	99	4500	0.35	ng		0.00
8) Nitrobenzene-d5	8.74	82	3898	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	9579	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1441	0.43	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	14097	0.43	ng		0.00
25) Fluoranthene-d10	19.02	212	25298	0.38	ng		0.00
29) Terphenyl-d14	19.63	244	19959	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1664	0.392	ng		98
3) n-Nitrosodimethylamine	3.55	42	1393	0.370	ng		97
6) bis(2-Chloroethyl)ether	7.06	93	4412	0.414	ng		98
9) Naphthalene	10.43	128	15227	0.398	ng		99
10) Hexachlorobutadiene	10.73	225	3652	0.414	ng	#	100
12) 2-Methylnaphthalene	12.05	142	10521	0.383	ng		99
16) Acenaphthylene	13.96	152	13842	0.323	ng		99
17) Acenaphthene	14.30	154	10163	0.391	ng		99
18) Fluorene	15.29	166	13449	0.380	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	5189	0.420	ng		99
21) Hexachlorobenzene	16.30	284	5412	0.449	ng		97
22) Pentachlorophenol	16.65	266	1796	0.482	ng		98
23) Phenanthrene	17.03	178	23695	0.415	ng		100
24) Anthracene	17.11	178	19356	0.340	ng		100
26) Fluoranthene	19.05	202	28513	0.394	ng		100
28) Pyrene	19.42	202	28627	0.377	ng		100
30) Benzo(a)anthracene	21.17	228	27781	0.360	ng		100
31) Chrysene	21.23	228	31119	0.409	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	8937	0.272	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	36795	0.408	ng		100
35) Benzo(b)fluoranthene	22.72	252	30684	0.392	ng		99
36) Benzo(k)fluoranthene	22.76	252	32546	0.412	ng		100
37) Benzo(a)pyrene	23.27	252	26994	0.366	ng		99
38) Dibenzo(a,h)anthracene	25.53	278	30236	0.408	ng		99
39) Benzo(g,h,i)perylene	26.16	276	28855	0.390	ng		99

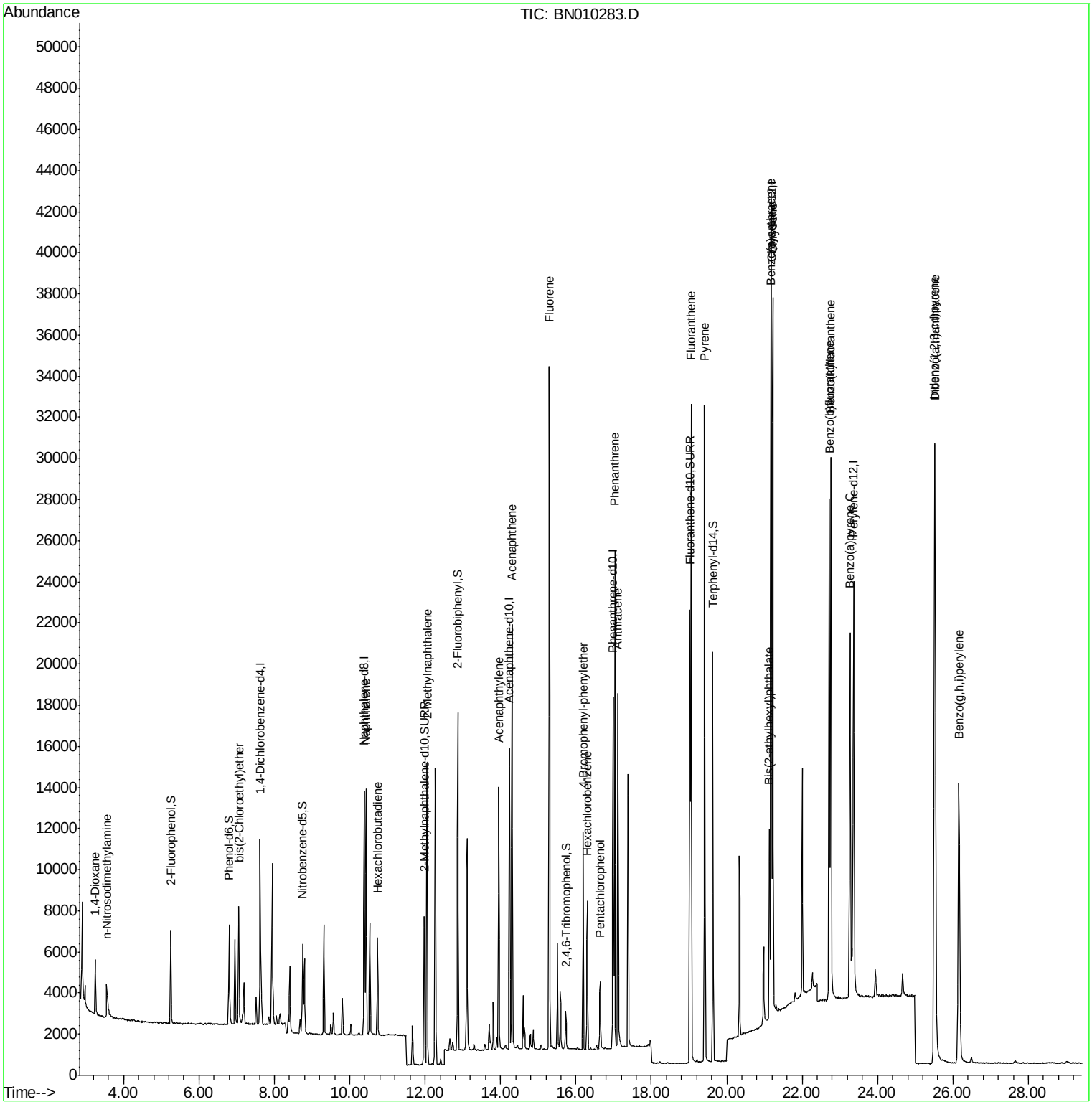
(#) = qualifier out of range (m) = manual integration (+) = signals summed

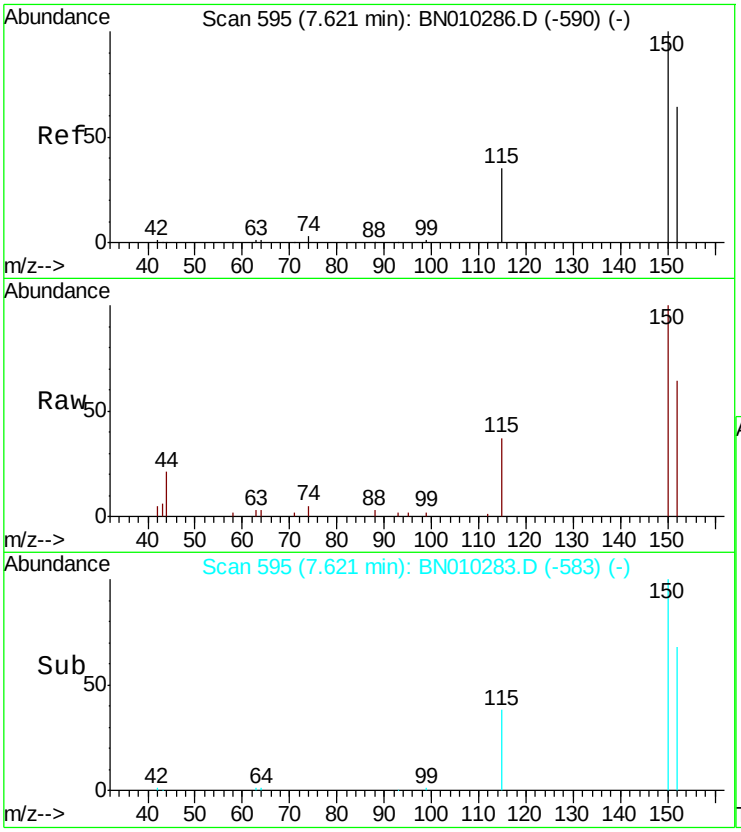
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010283.D
Acq On : 19 Mar 2020 10:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 19 15:17:42 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 15:04:26 2020
Response via : Initial Calibration



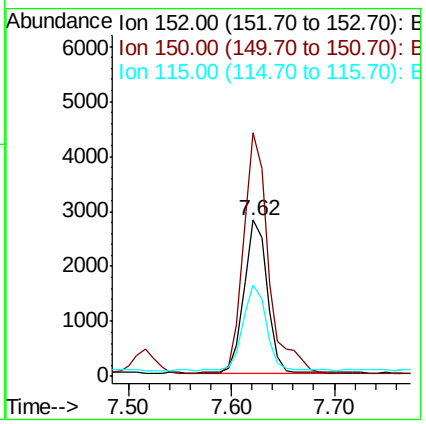


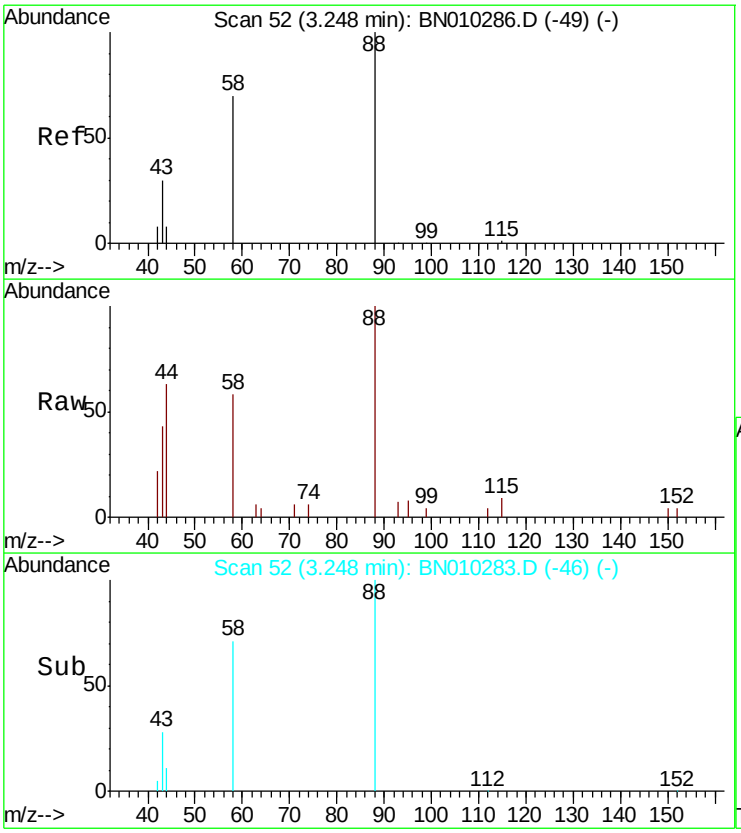
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4354

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.1	184.7
115	58.4	45.2	67.8

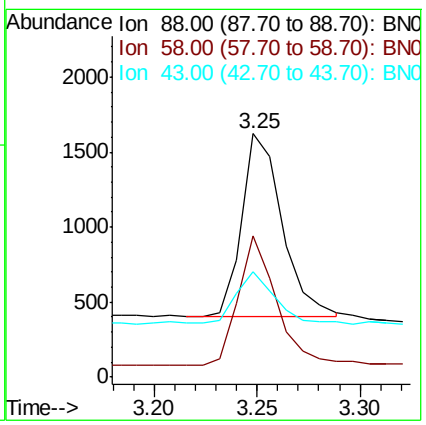


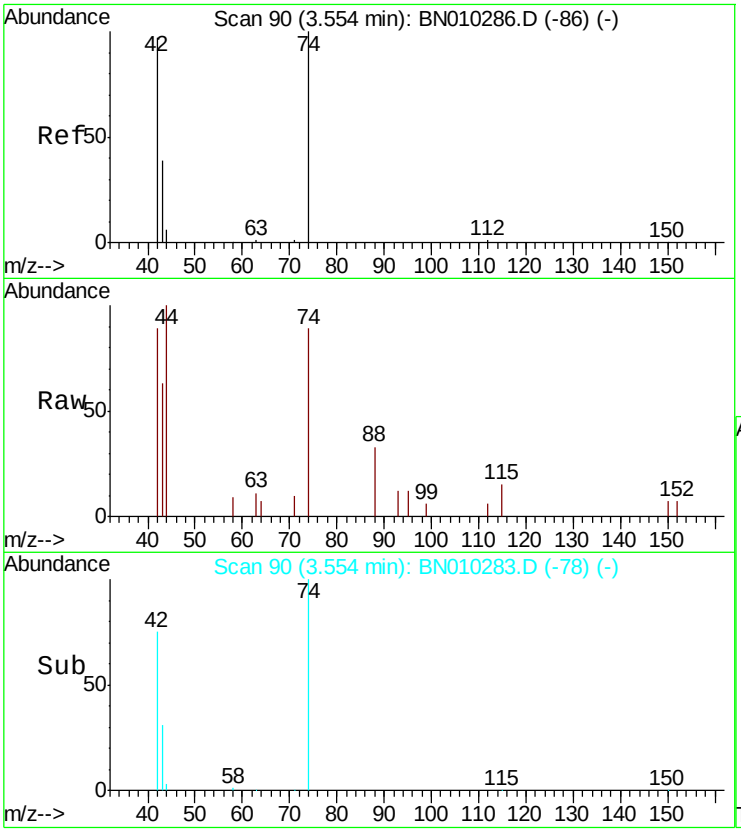


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion: 88 Resp: 1664

Ion	Ratio	Lower	Upper
88	100		
58	66.9	51.7	77.5
43	26.0	21.2	31.8



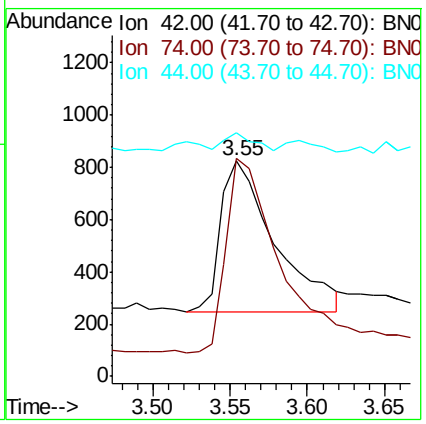


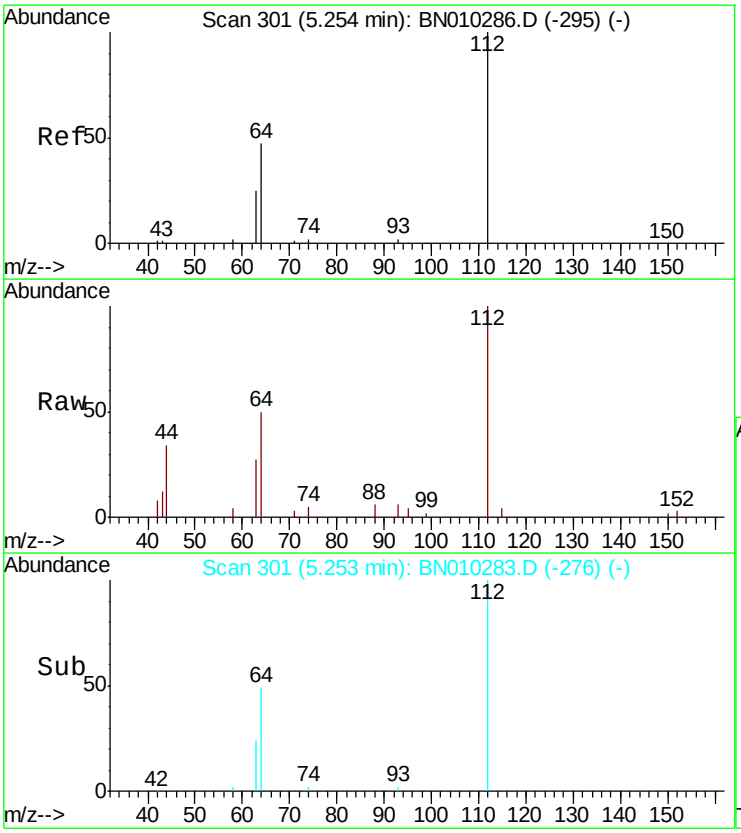
#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1393

Ion	Ratio	Lower	Upper
42	100		
74	128.1	99.4	149.0
44	6.1	4.8	7.2

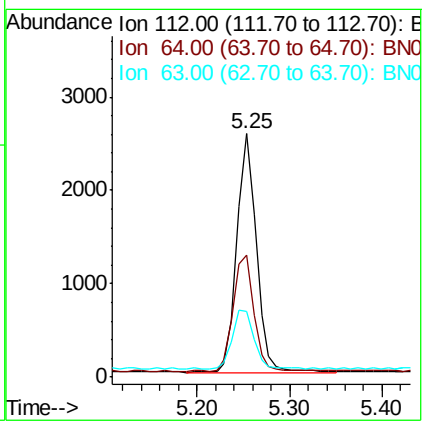


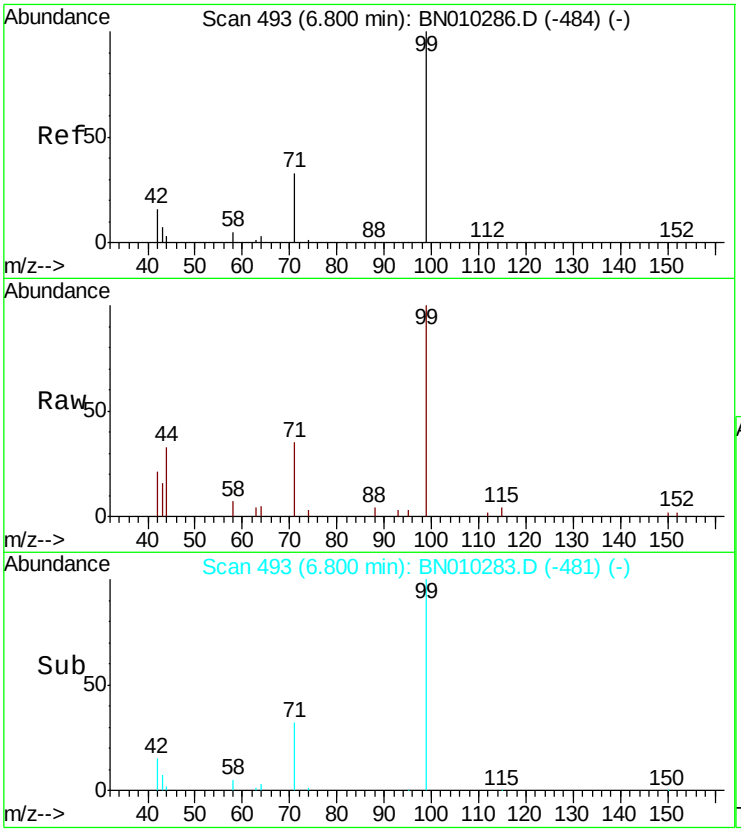


#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:112 Resp: 3721

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.4	62.2
63	27.1	22.9	34.3



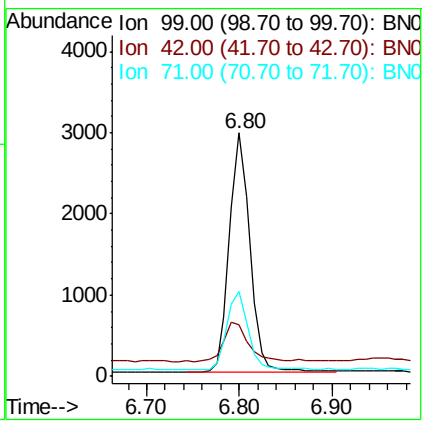


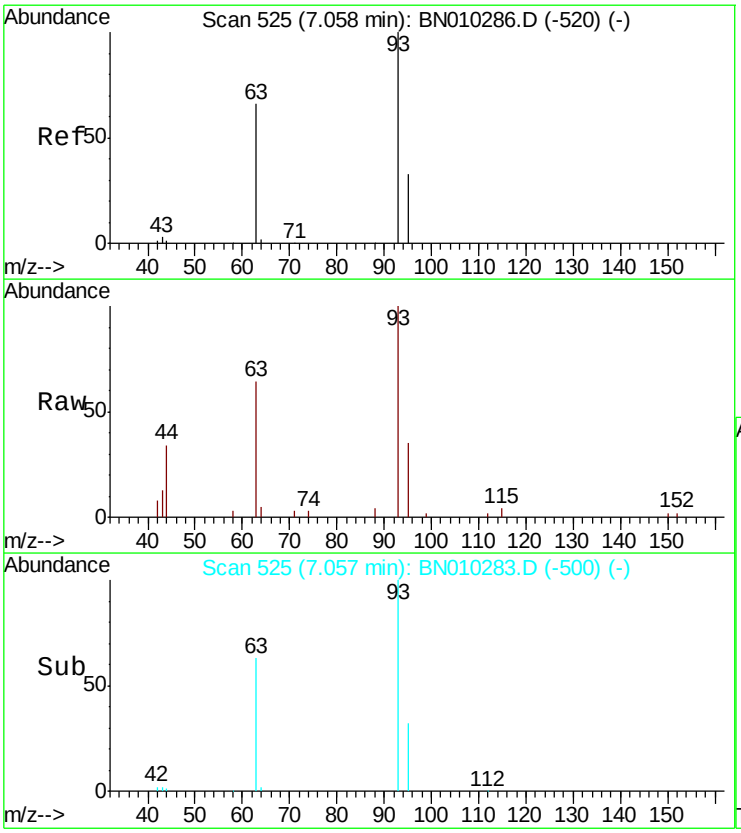
#5
Phenol-d6
Concen: 0.352 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4500

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.8	22.2
71	33.8	27.3	40.9

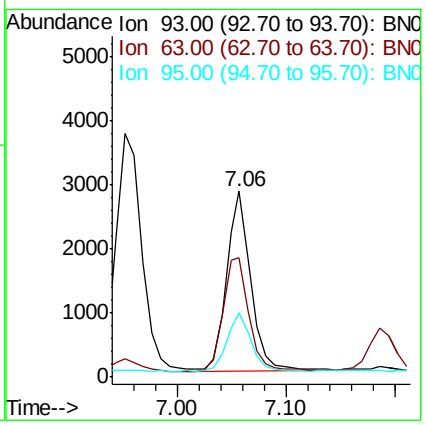


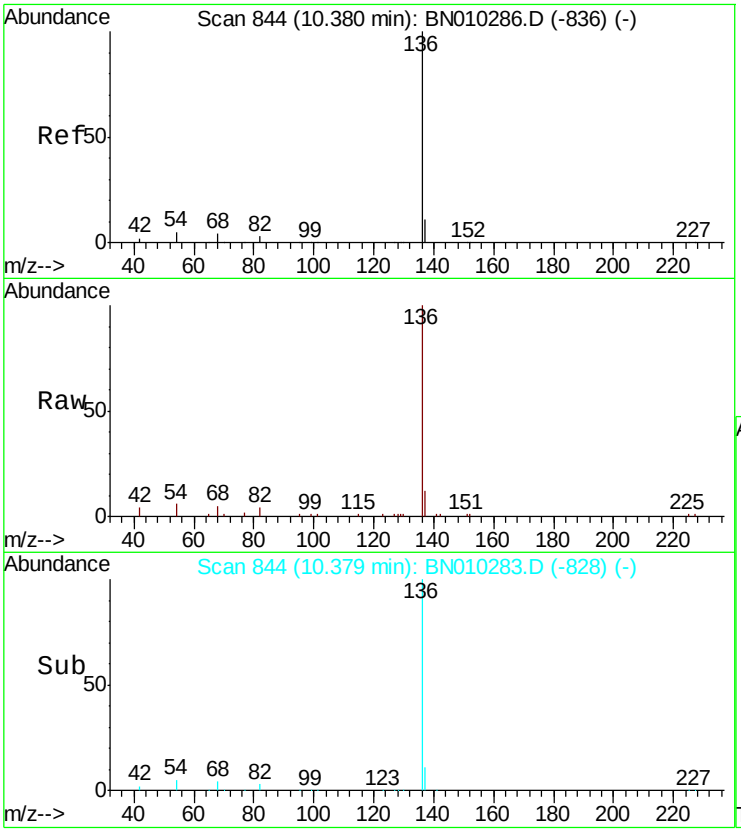


#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion: 93 Resp: 4412

Ion	Ratio	Lower	Upper
93	100		
63	67.1	55.6	83.4
95	32.9	26.2	39.4



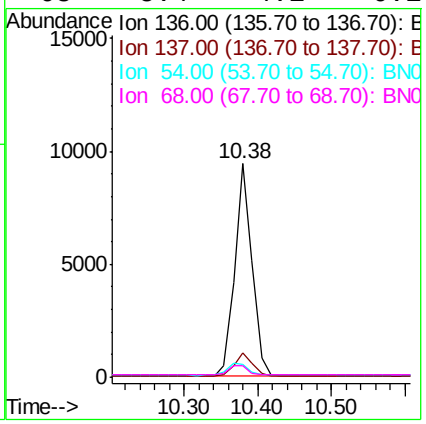


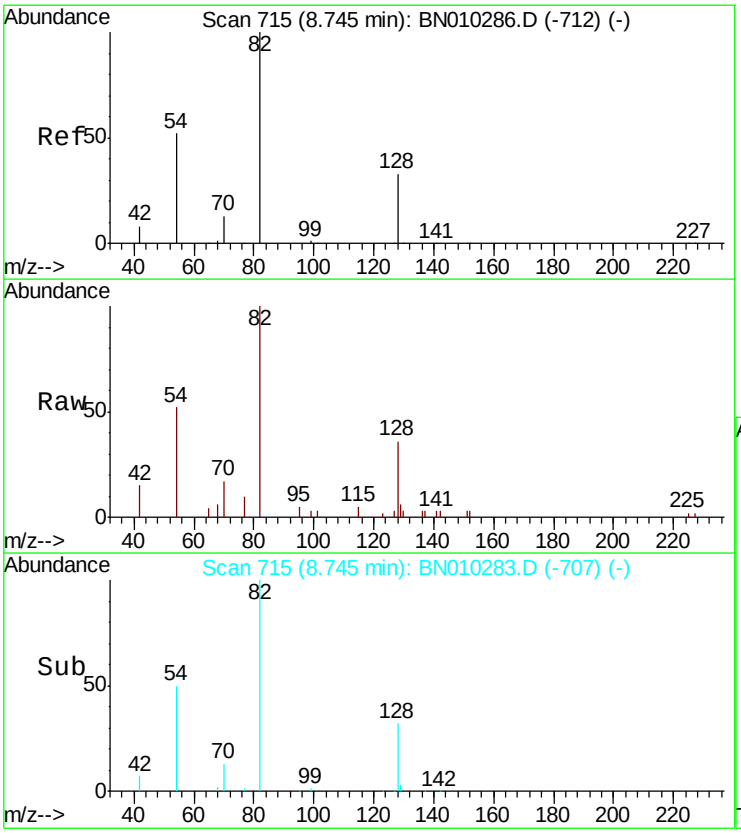
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 15278

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	6.1	4.8	7.2
68	5.4	4.1	6.1

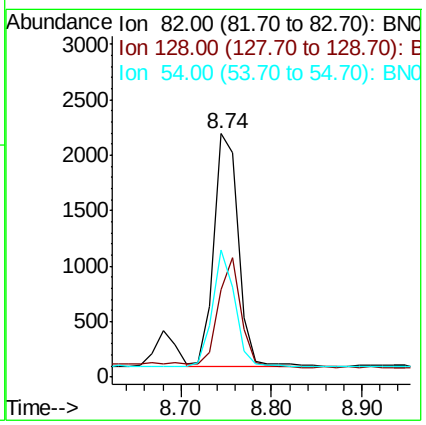


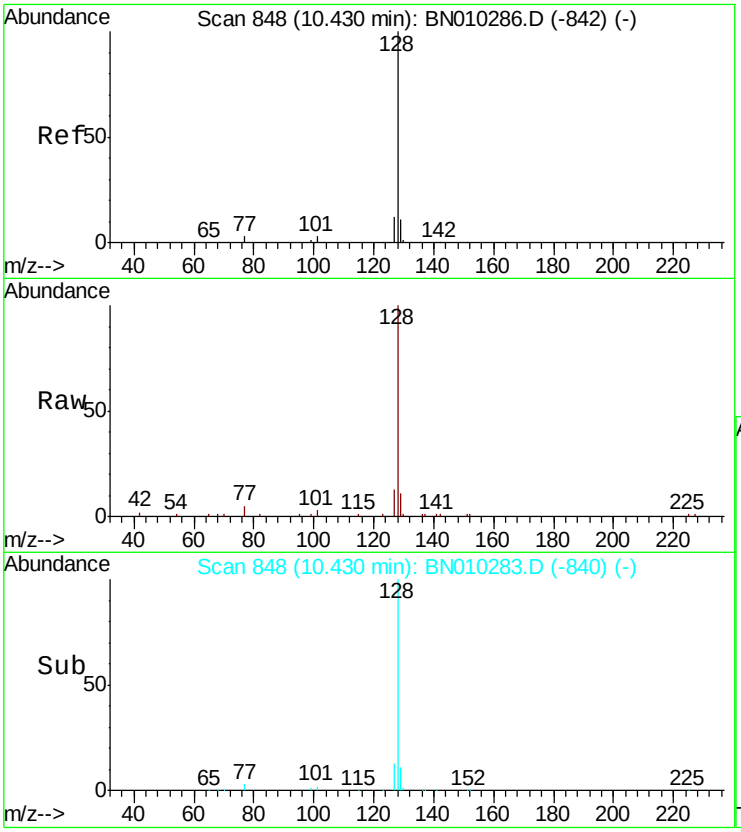


#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion: 82 Resp: 3898

Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.8	43.2
54	52.1	42.1	63.1



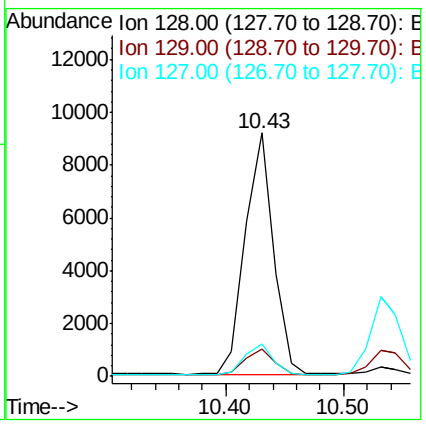


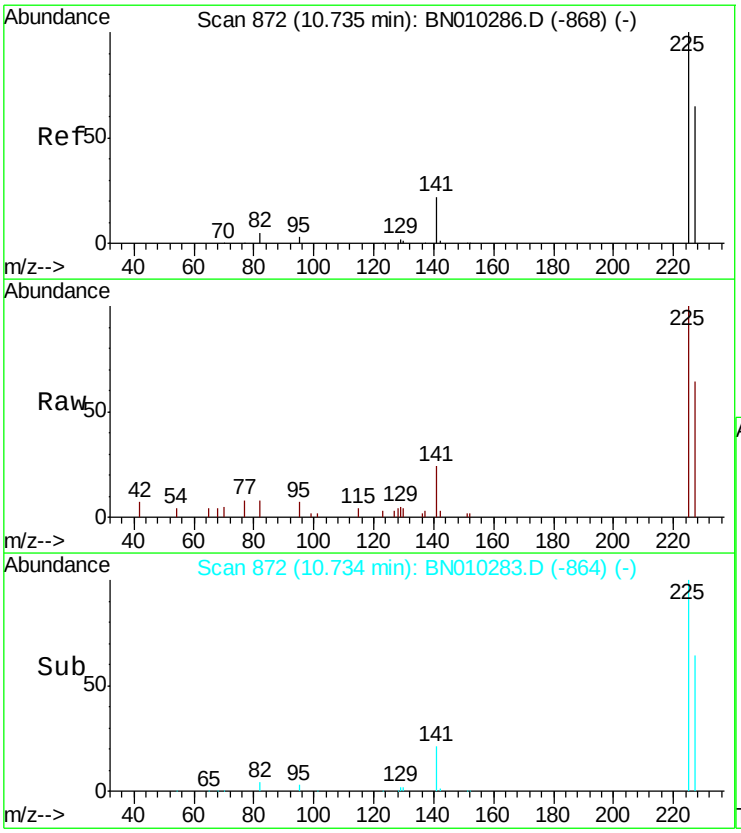
#9
Naphthalene
Concen: 0.398 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 15227

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.4	10.4	15.6

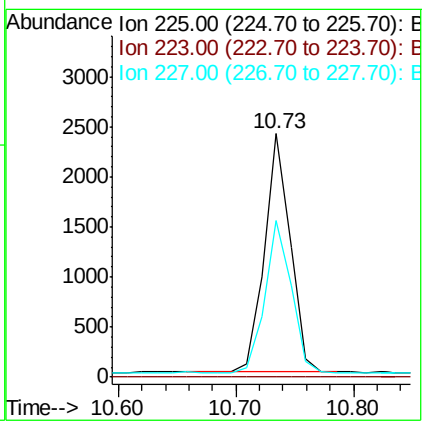


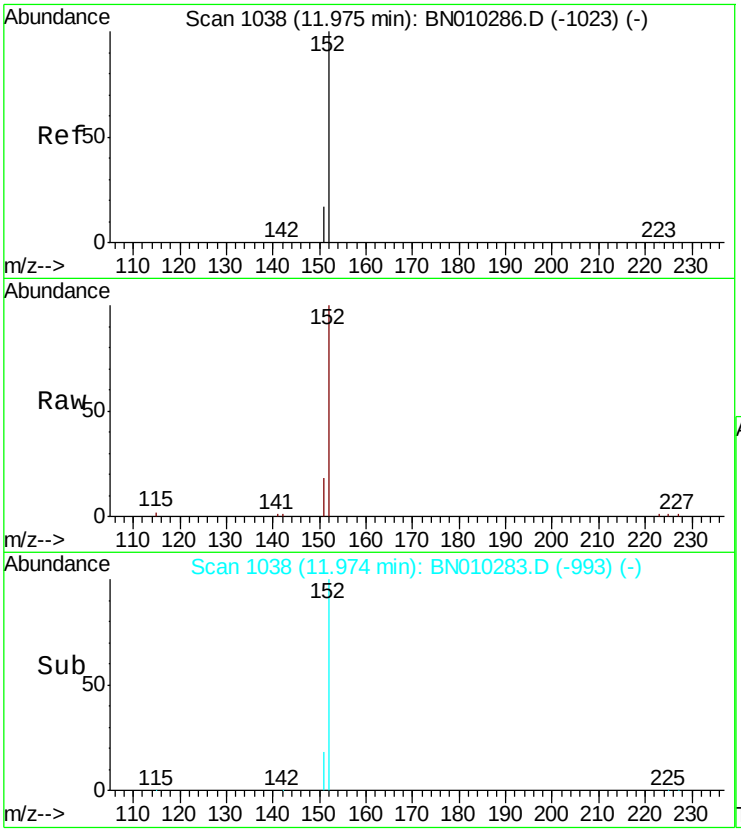


#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:225 Resp: 3652

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.9	77.9



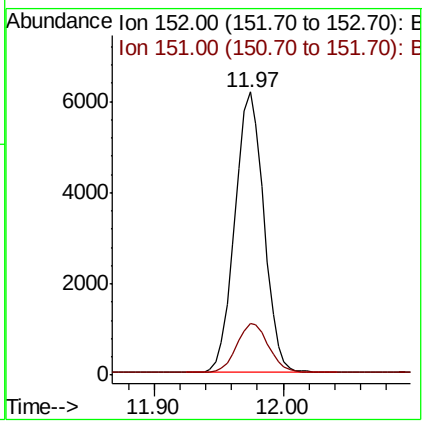


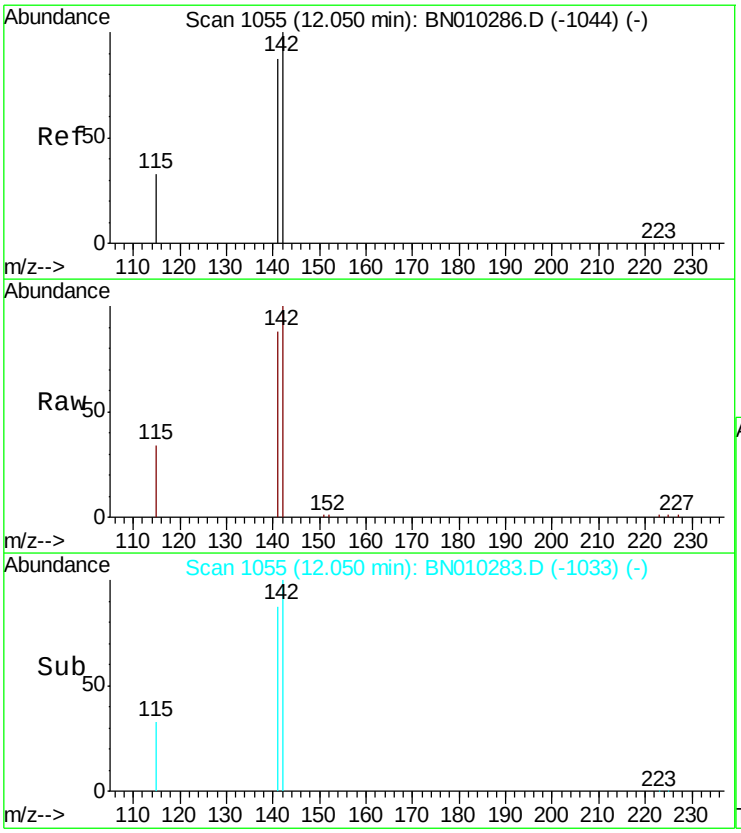
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9579

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2

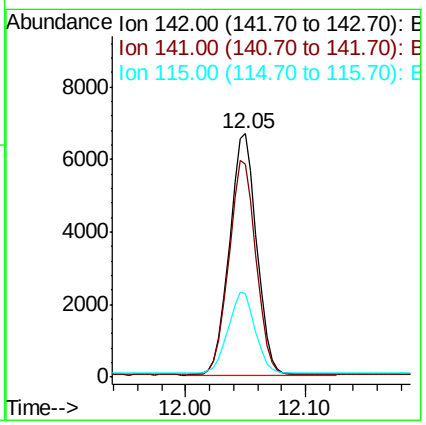


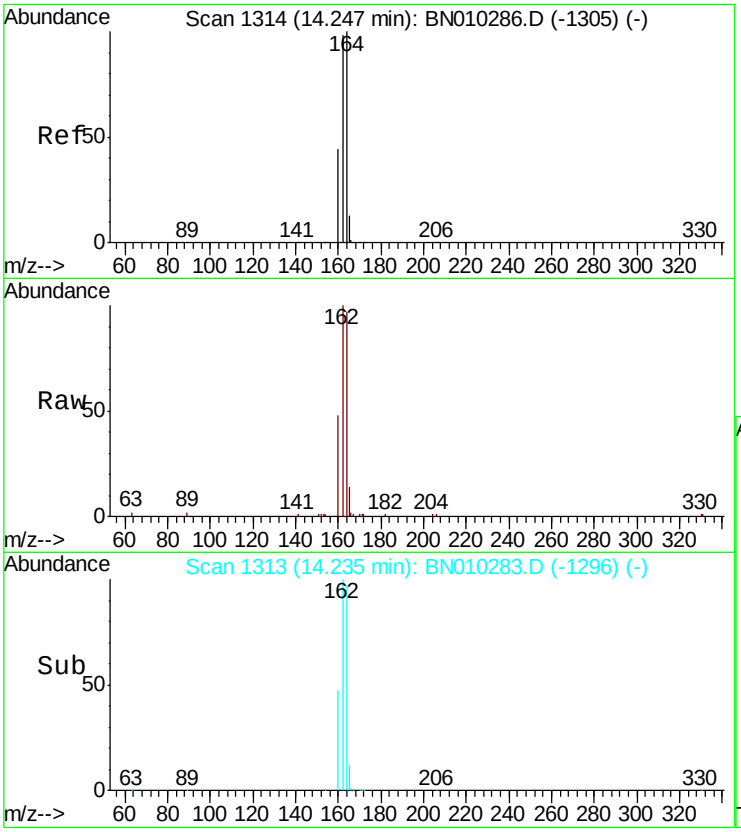


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:142 Resp: 10521

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.5	104.3
115	34.2	27.5	41.3



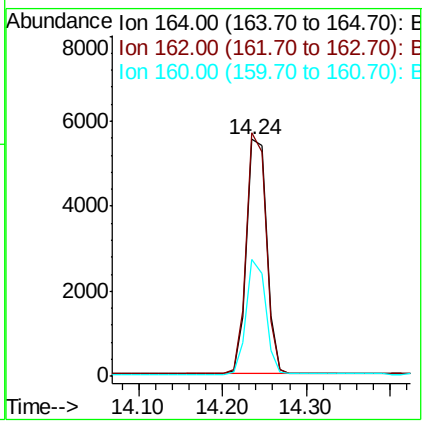


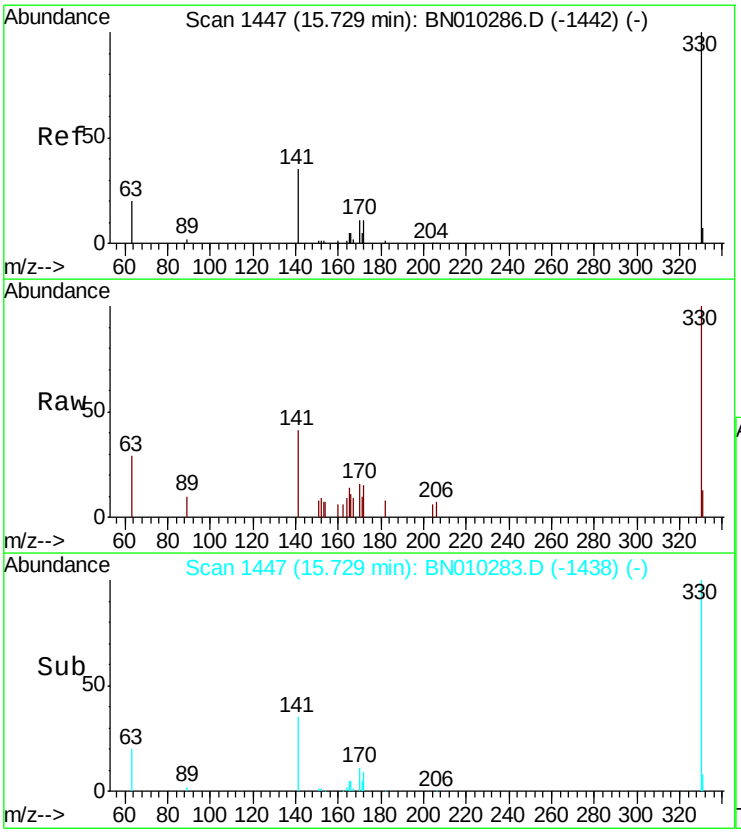
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9273

Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.2	117.2
160	49.2	35.8	53.6

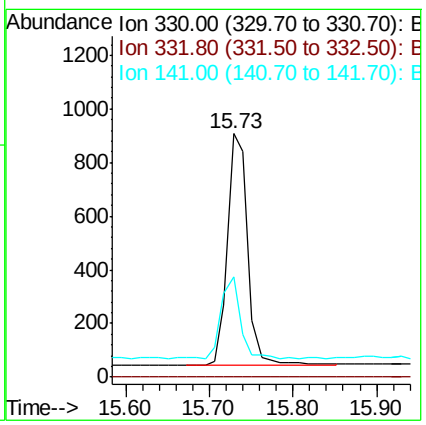


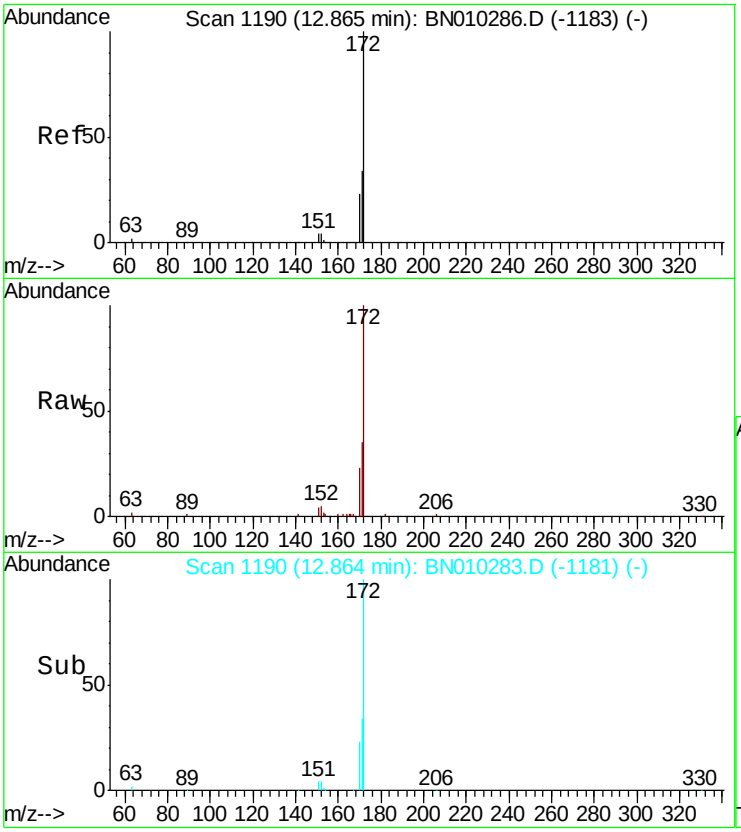


#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:330 Resp: 1441

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.1	29.3	43.9



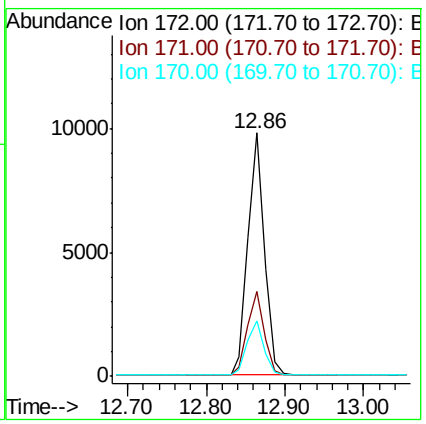


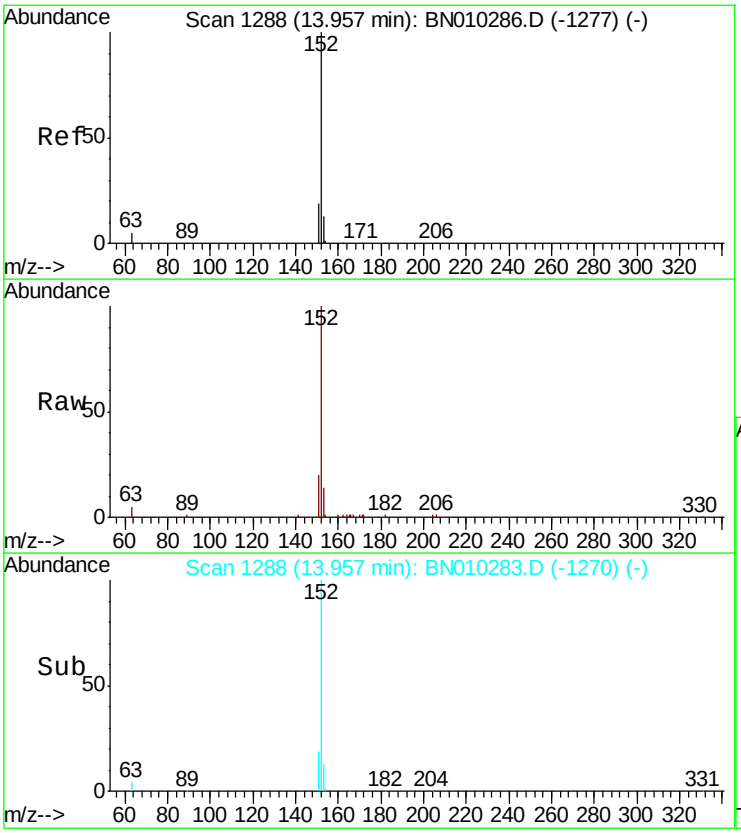
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 14097

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.6	41.4
170	22.9	18.5	27.7

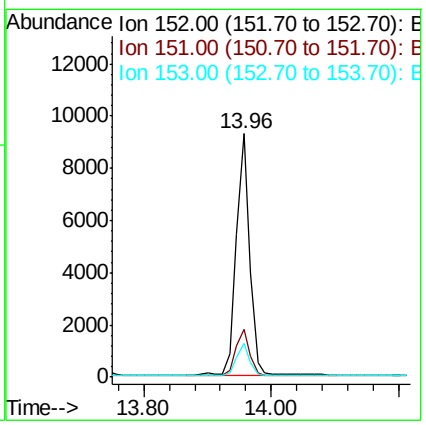


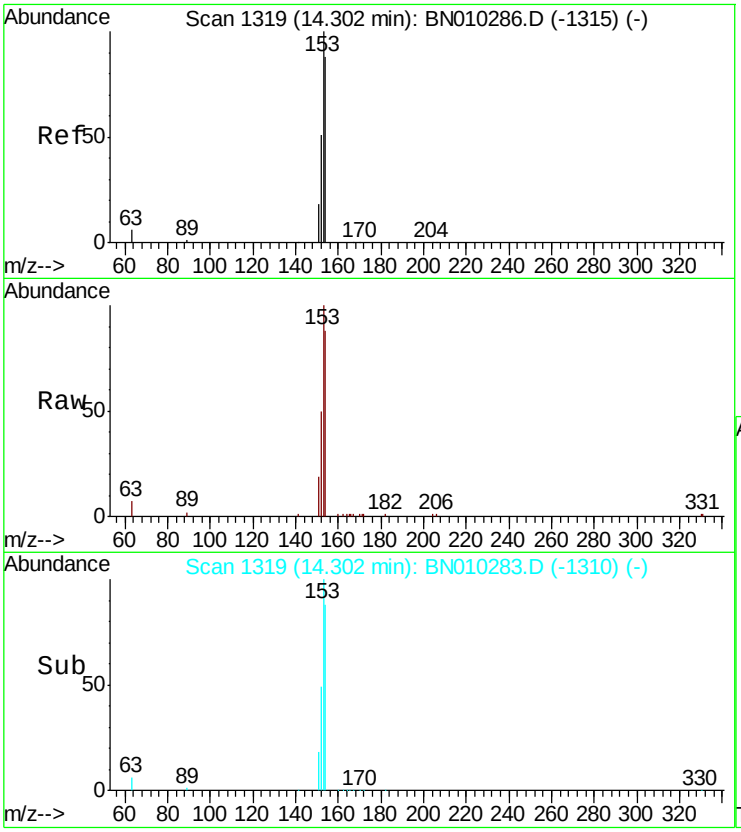


#16
Acenaphthylene
Concen: 0.323 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:152 Resp: 13842

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	12.9	10.6	15.8



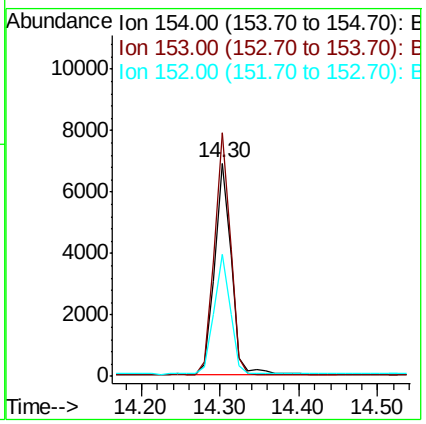


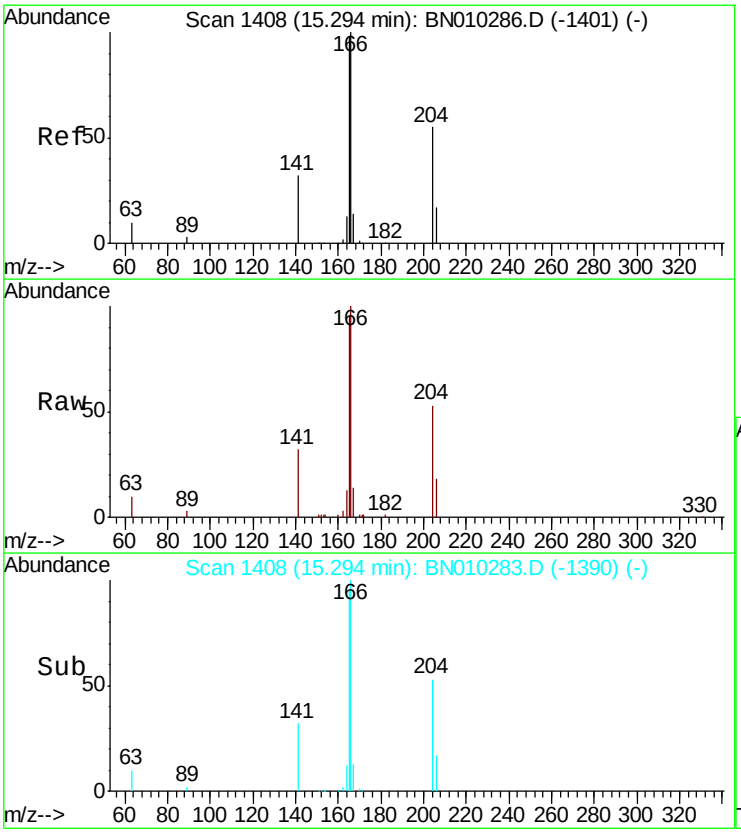
#17
Acenaphthene
Concen: 0.391 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 10163

Ion	Ratio	Lower	Upper
154	100		
153	109.7	88.1	132.1
152	55.7	45.5	68.3

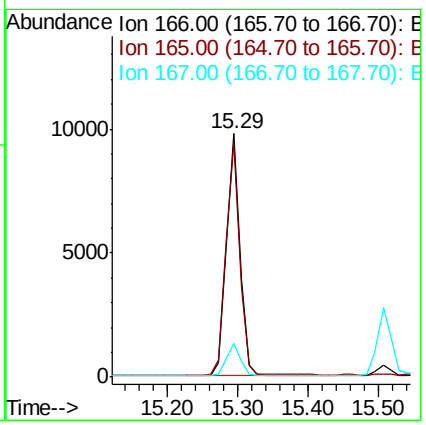


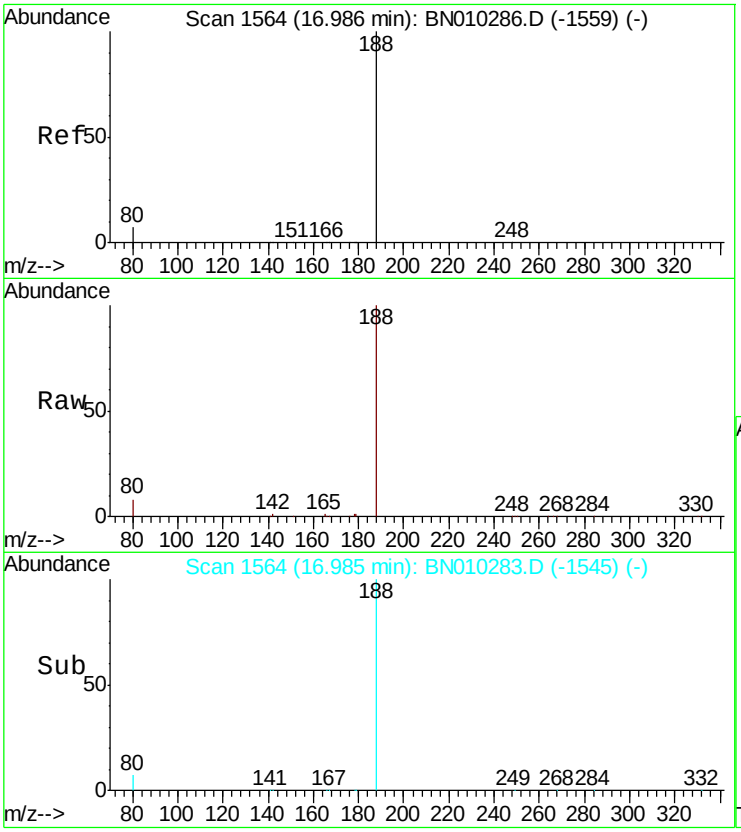


#18
Fluorene
Concen: 0.380 ng
RT: 15.29 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:166 Resp: 13449

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.7	118.1
167	13.5	11.0	16.4



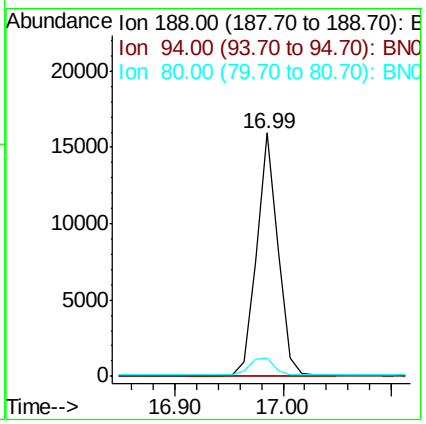


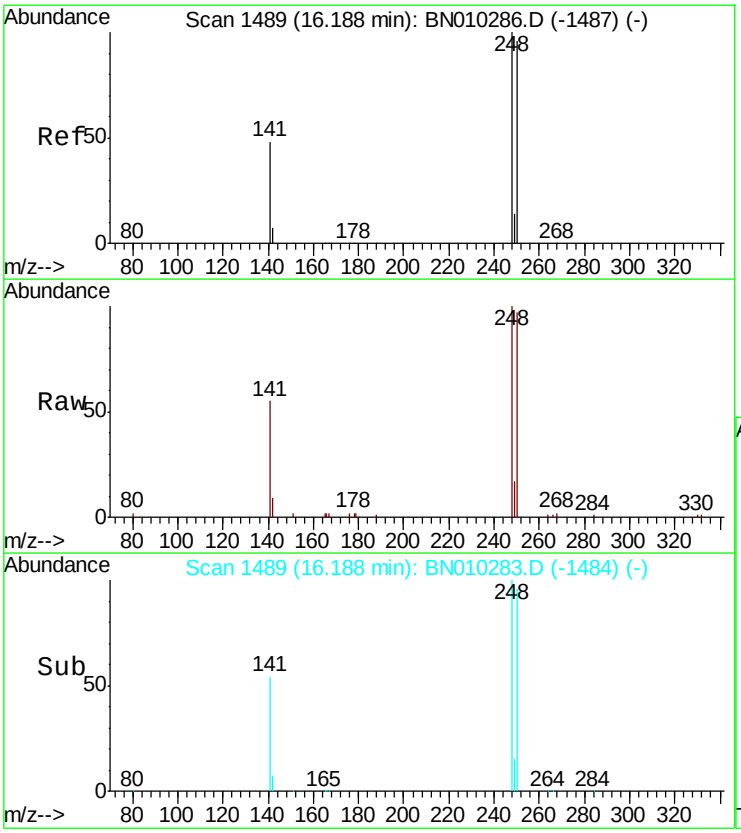
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 21514

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.0	9.0

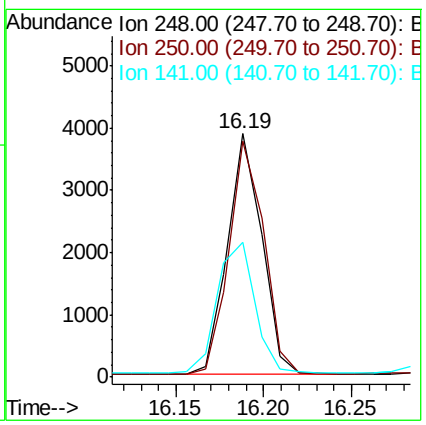


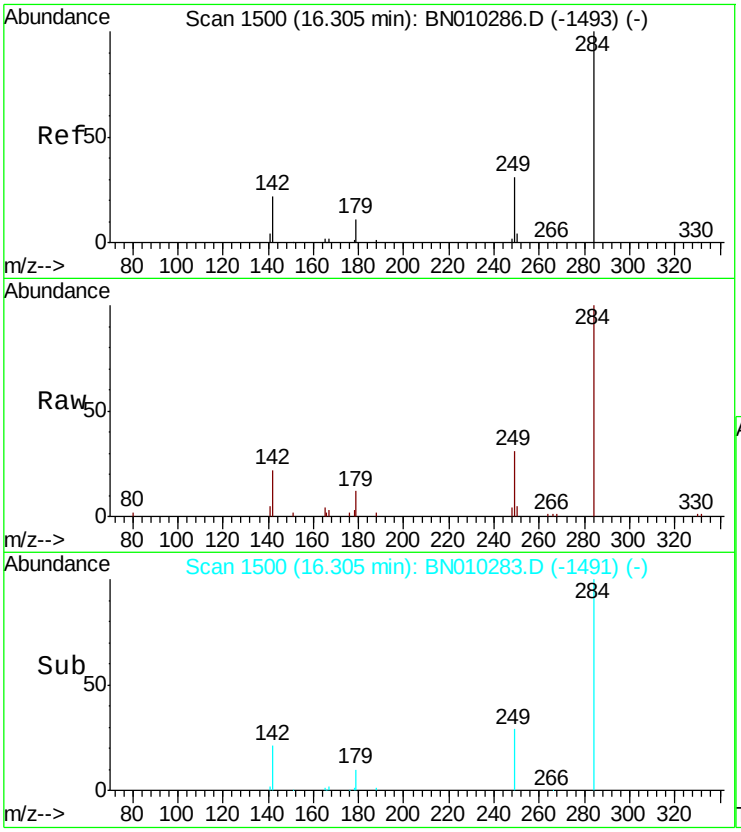


#20
4-Bromophenyl-phenylether
Concen: 0.420 ng
RT: 16.19 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:248 Resp: 5189

Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.8	115.2
141	55.3	44.4	66.6



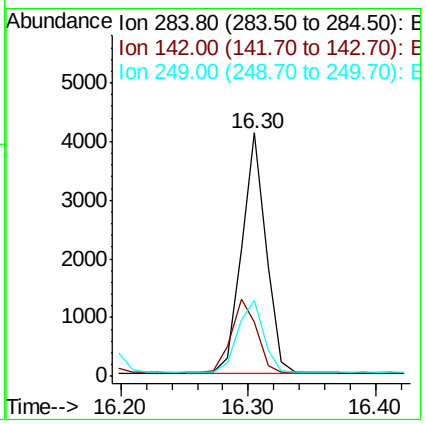


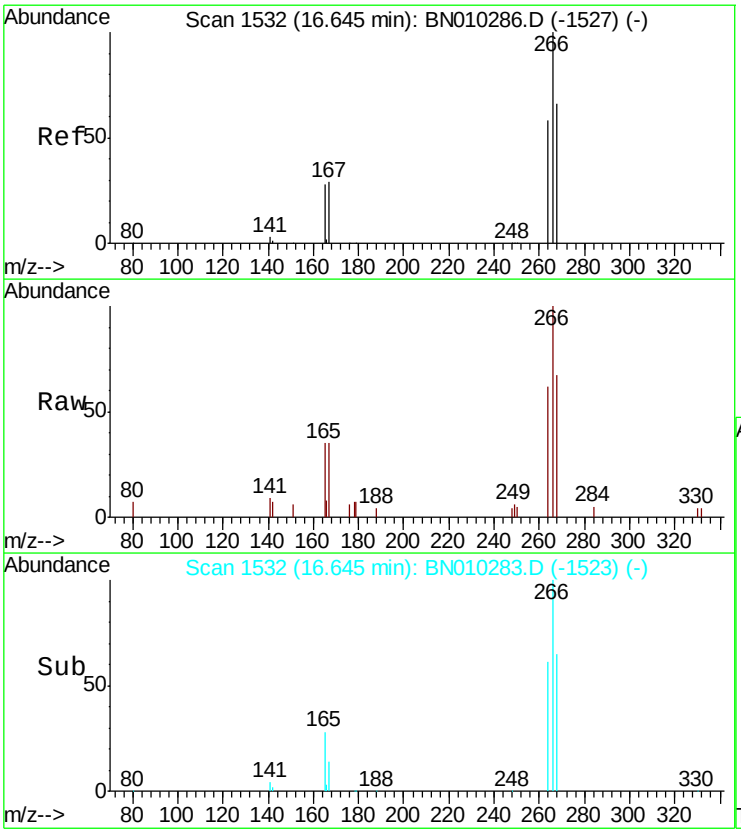
#21
Hexachlorobenzene
Concen: 0.449 ng
RT: 16.30 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 5412

Ion	Ratio	Lower	Upper
284	100		
142	32.4	27.4	41.2
249	31.8	26.5	39.7

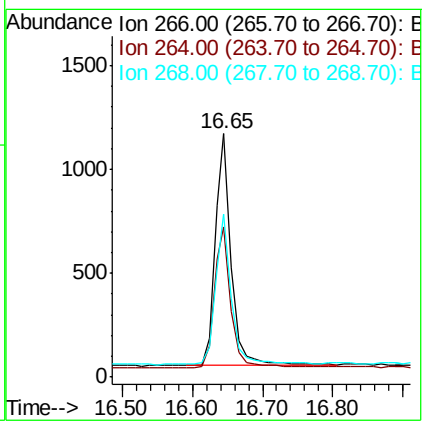


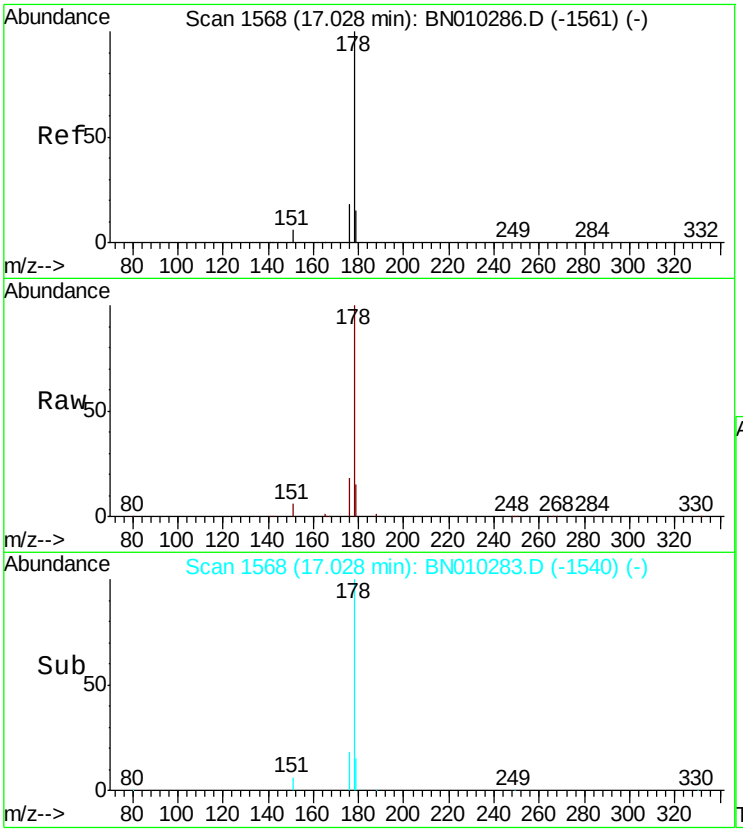


#22
Pentachlorophenol
Concen: 0.482 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:266 Resp: 1796

Ion	Ratio	Lower	Upper
266	100		
264	61.7	47.7	71.5
268	67.1	54.9	82.3



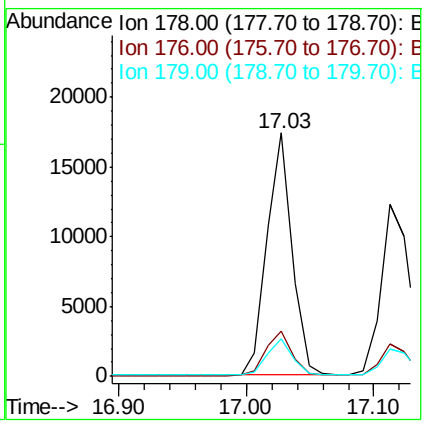


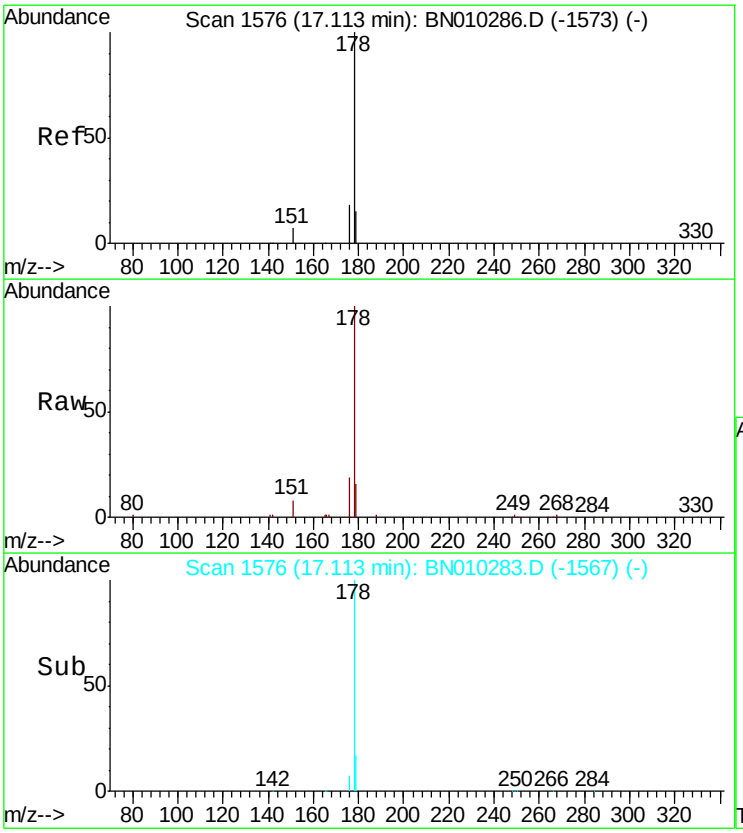
#23
Phenanthrene
Concen: 0.415 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 23695

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.2	12.4	18.6

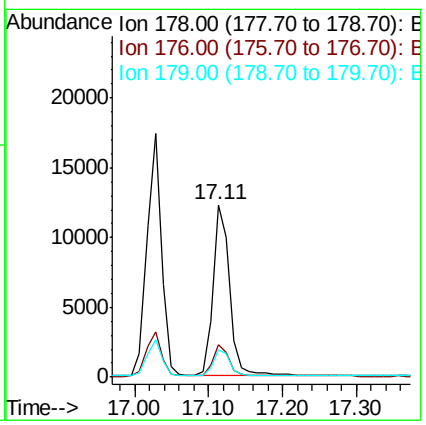


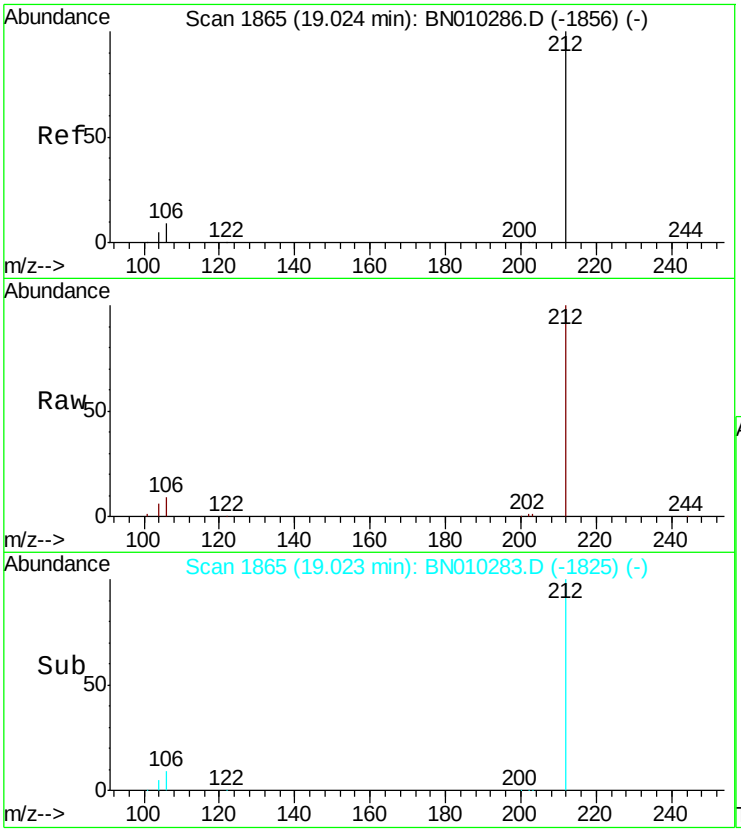


#24
Anthracene
Concen: 0.340 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:178 Resp: 19356

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.6	12.3	18.5



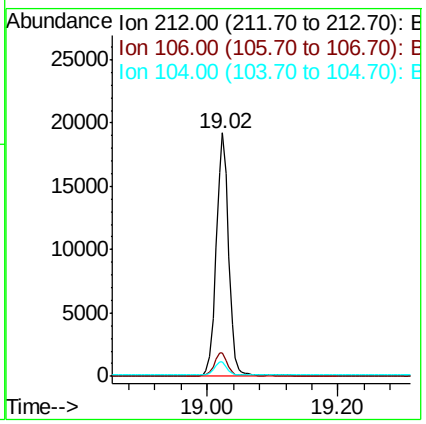


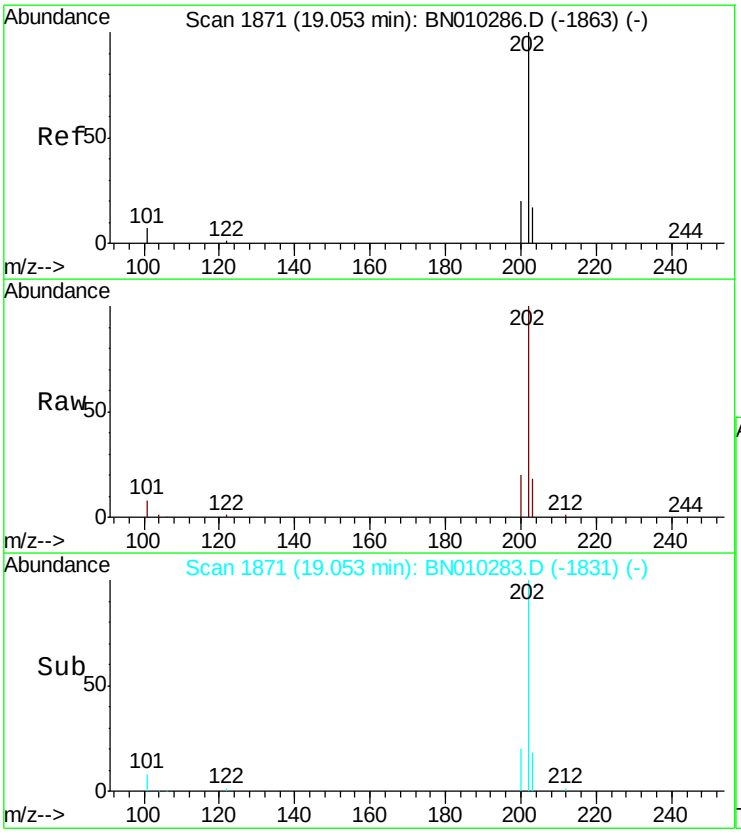
#25
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 25298

Ion	Ratio	Lower	Upper
212	100		
106	9.6	7.4	11.2
104	5.6	4.2	6.4

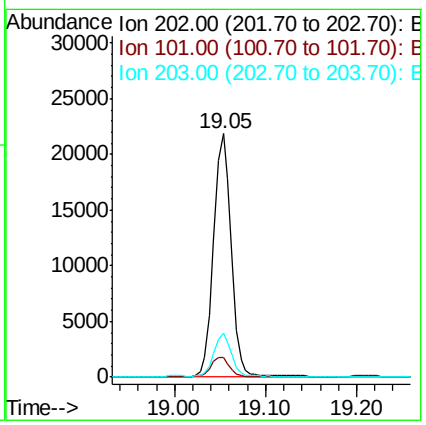


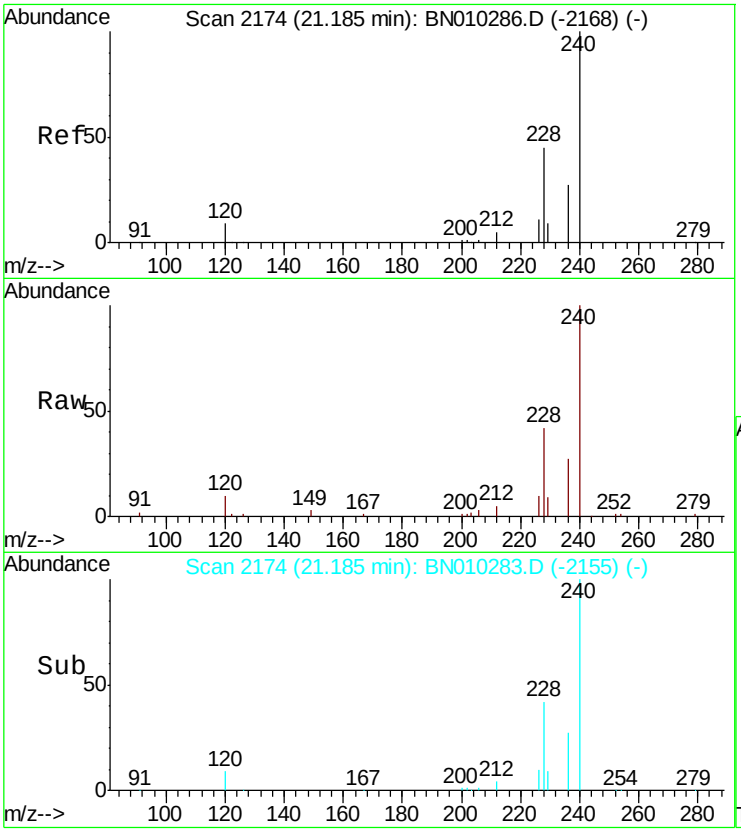


#26
Fluoranthene
Concen: 0.394 ng
RT: 19.05 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:202 Resp: 28513

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	9.8
203	17.1	13.8	20.8



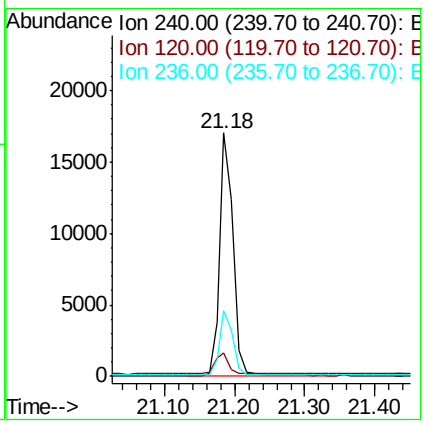


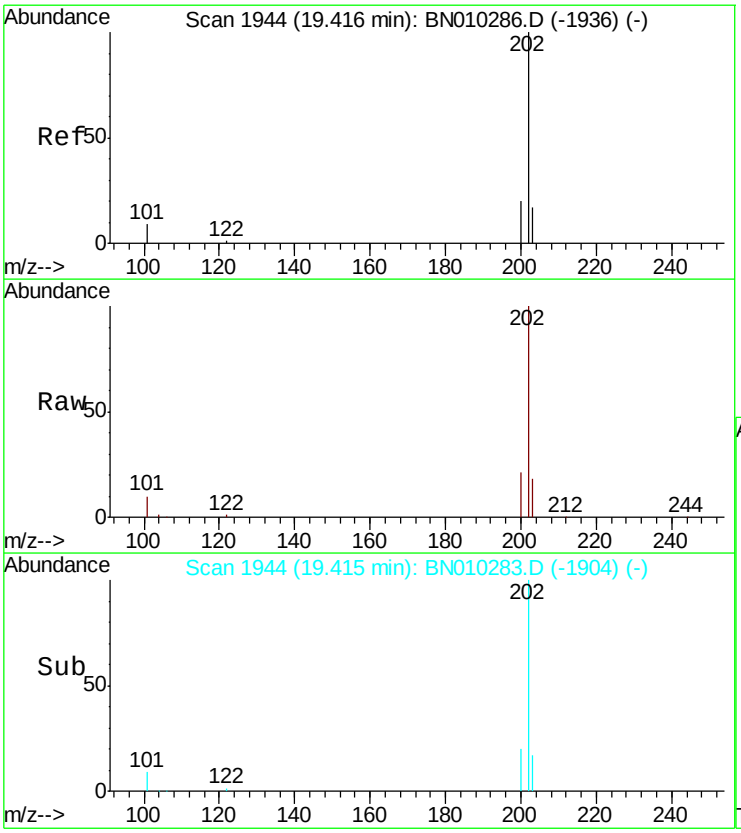
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.18 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 22730

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.9	11.9
236	27.2	22.2	33.4

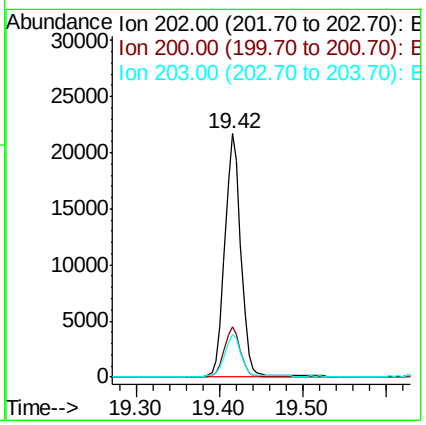


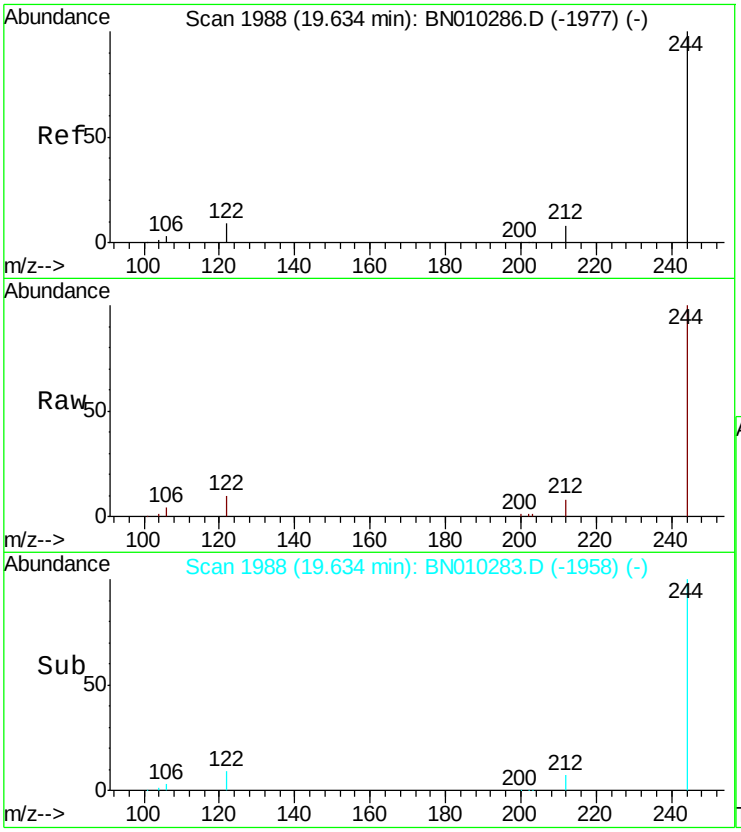


#28
Pyrene
Concen: 0.377 ng
RT: 19.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:202 Resp: 28627

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	17.6	14.2	21.2



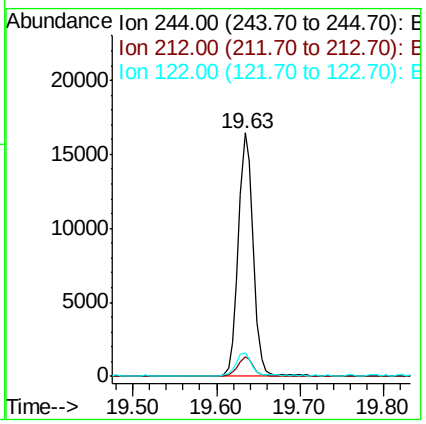


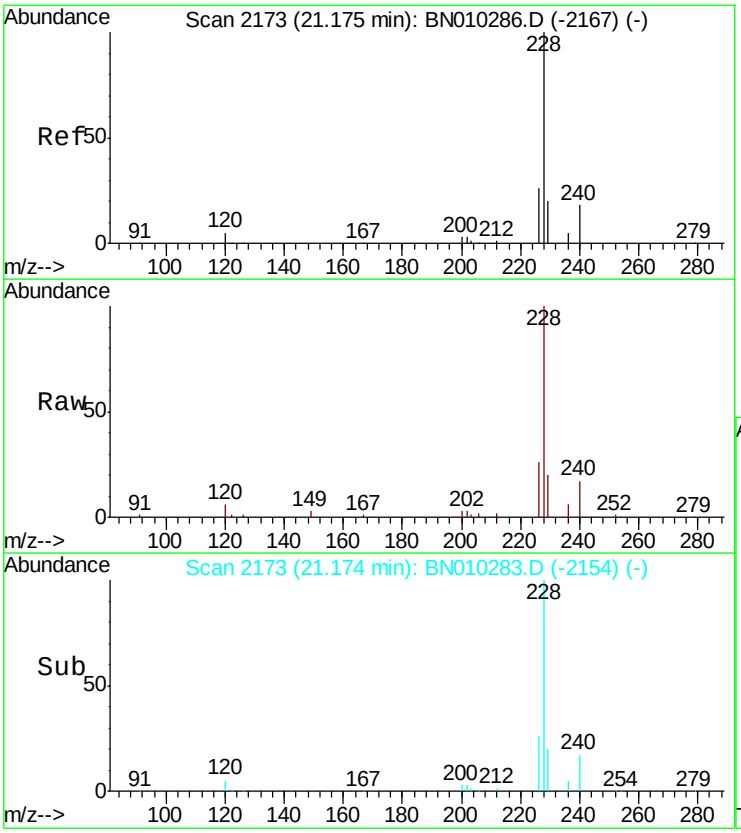
#29
Terphenyl-d14
Concen: 0.385 ng
RT: 19.63 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 19959

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	9.7	7.6	11.4

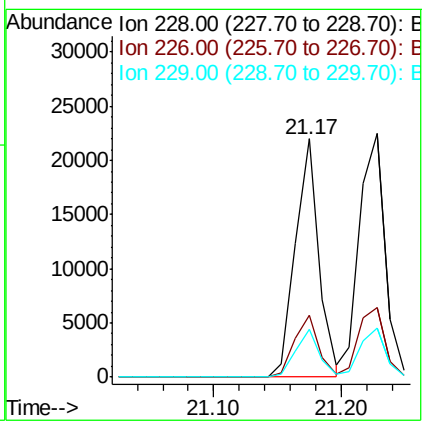


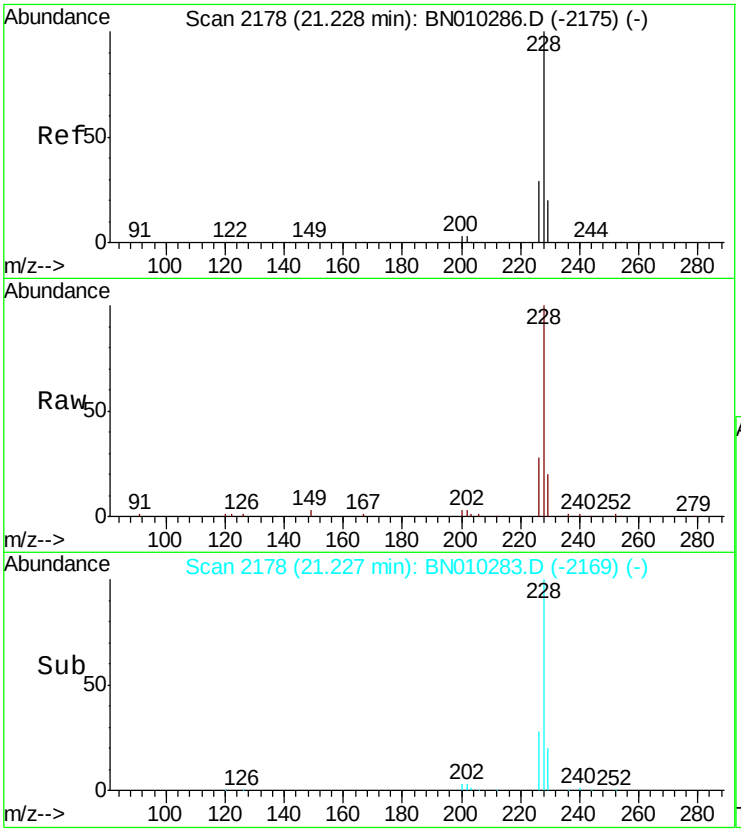


#30
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:228 Resp: 27781

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.4
229	20.0	16.0	24.0



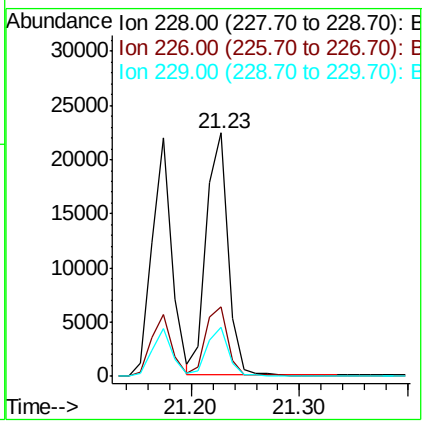


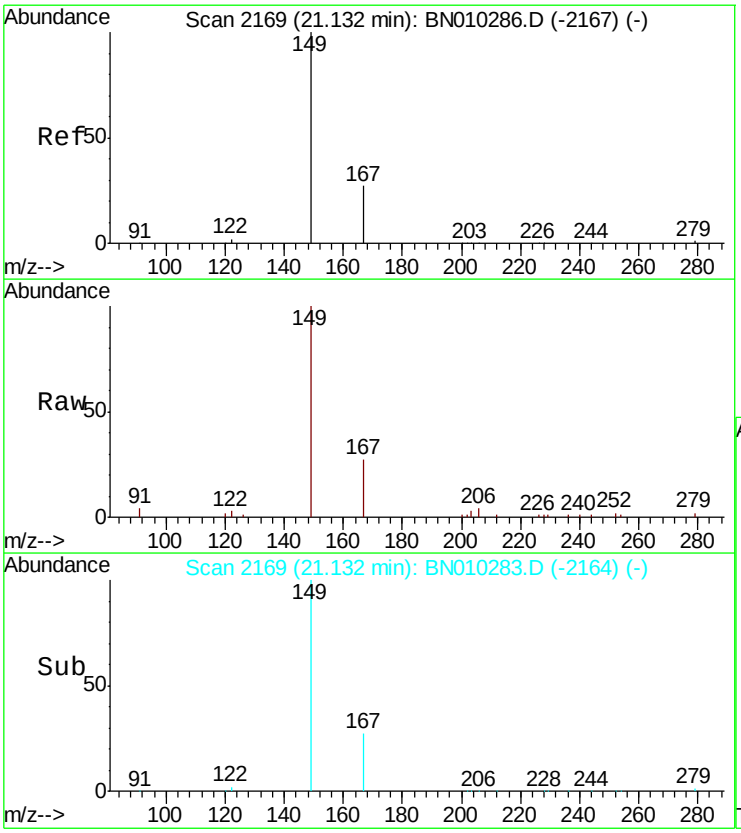
#31
Chrysene
Concen: 0.409 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 31119

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	20.1	16.0	24.0

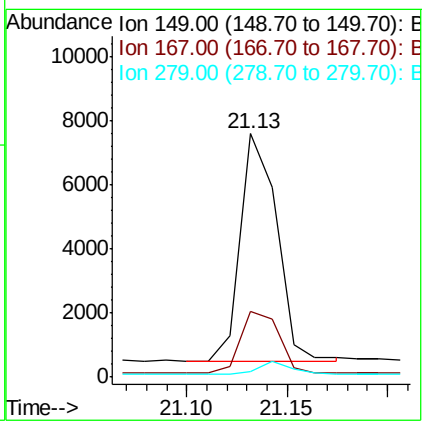


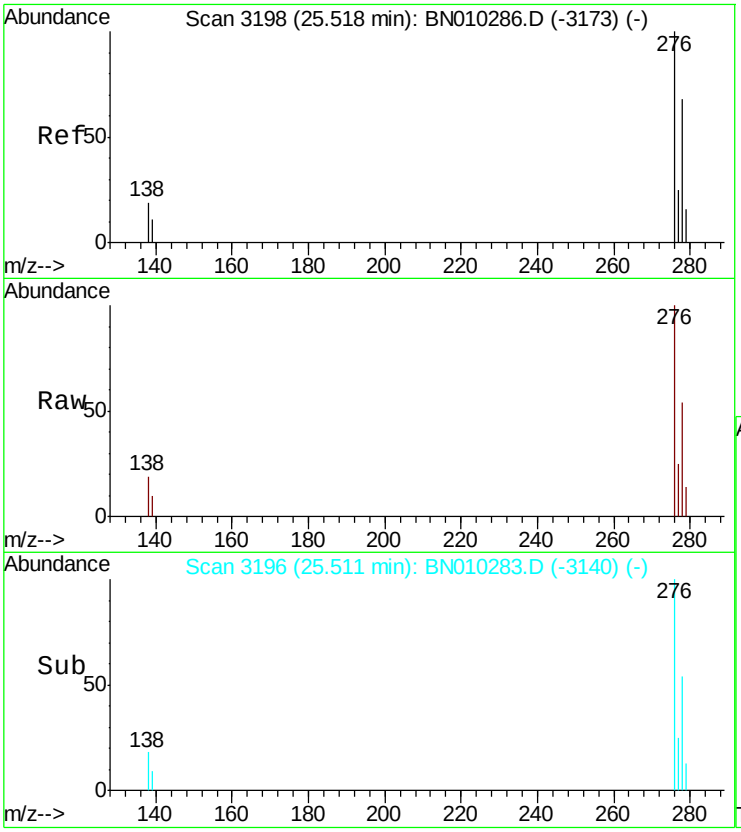


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.272 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:149 Resp: 8937

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.6
279	5.0	3.8	5.8



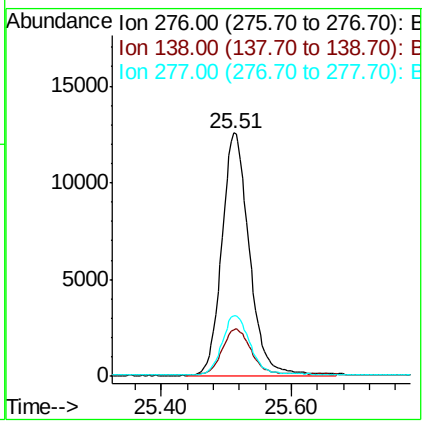


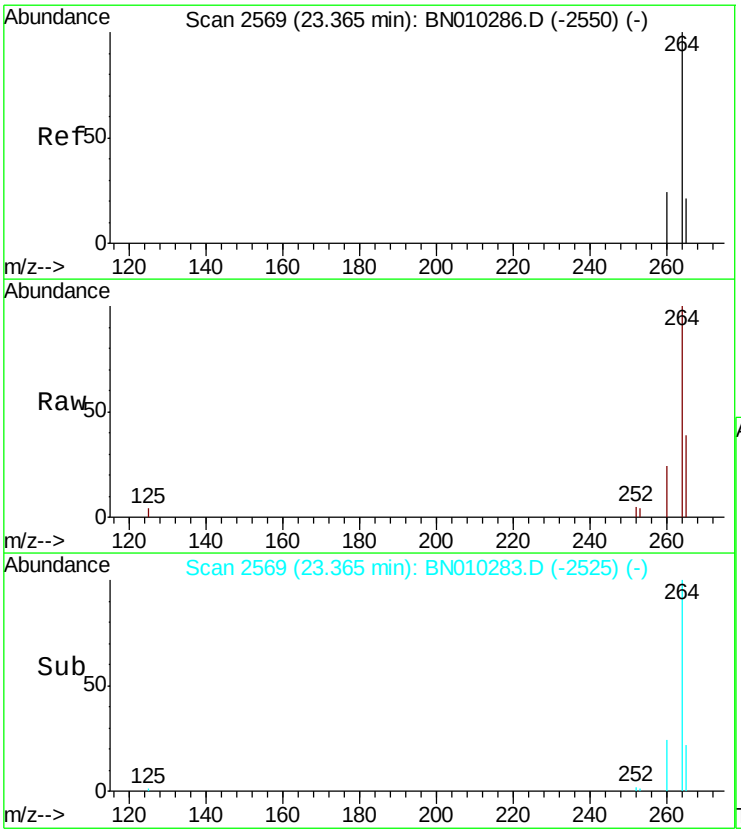
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng
RT: 25.51 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 36795

Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.6	23.4
277	25.1	20.1	30.1

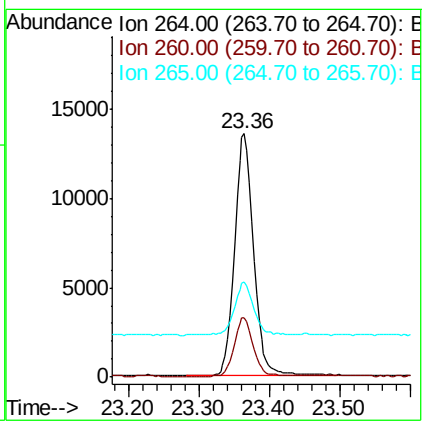


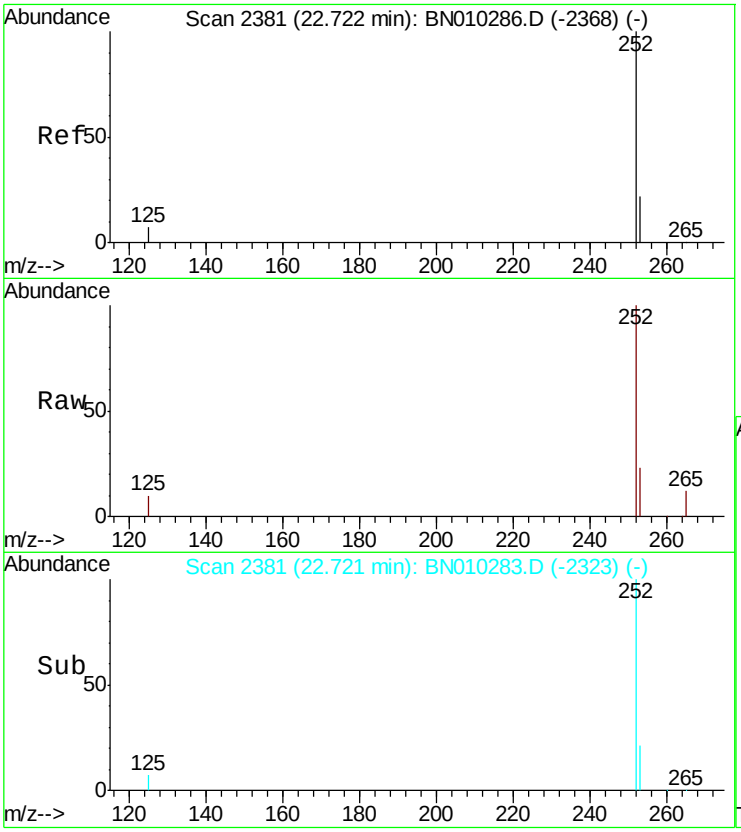


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2569
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:264 Resp: 25443

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	38.8	32.4	48.6



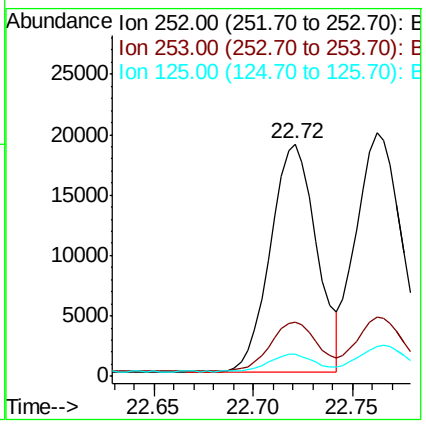


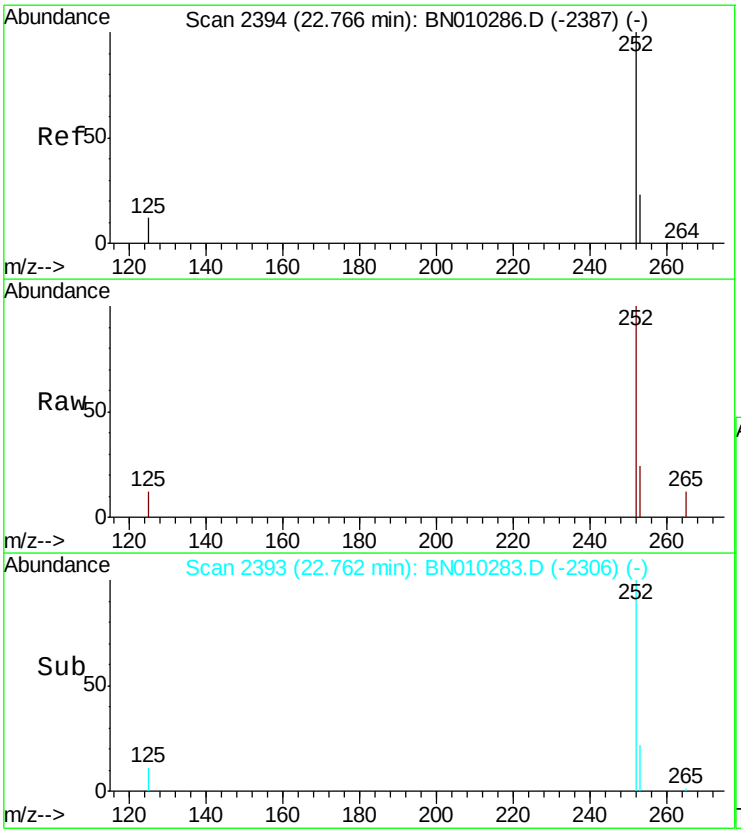
#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 22.72 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 30684

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	9.5	7.4	11.0

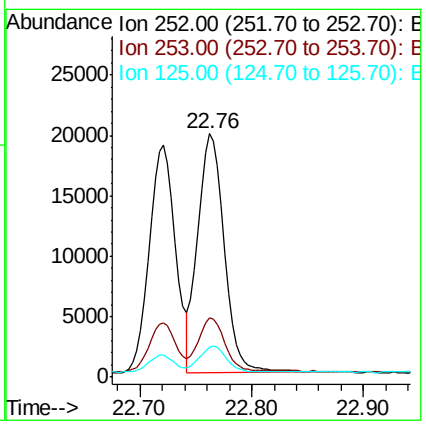


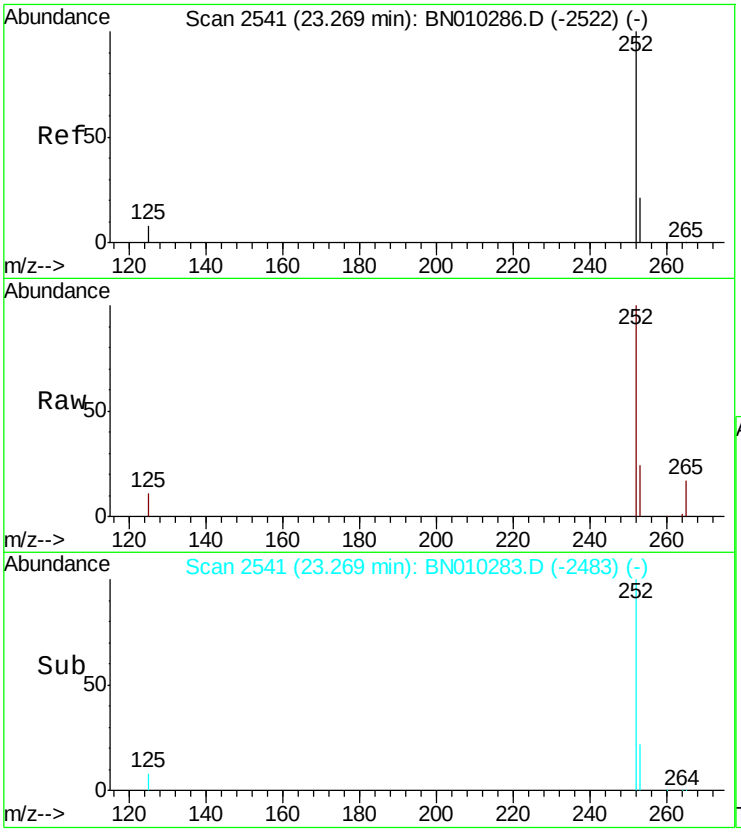


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 22.76 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:252 Resp: 32546

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.0
125	12.4	10.2	15.2



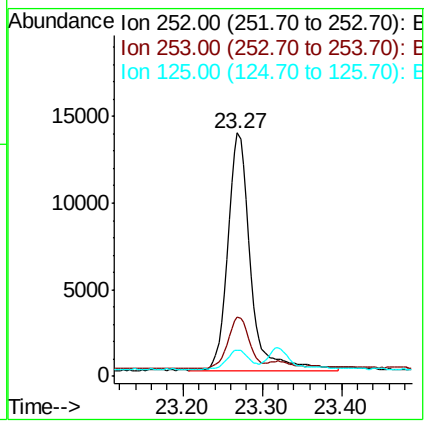


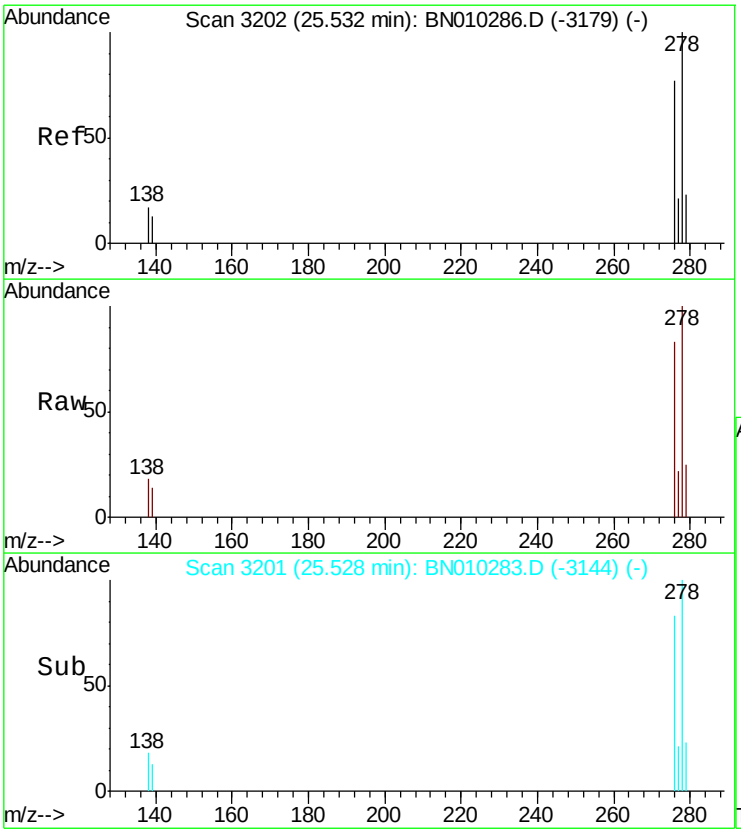
#37
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.27 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 26994

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.9	29.9
125	10.8	8.9	13.3

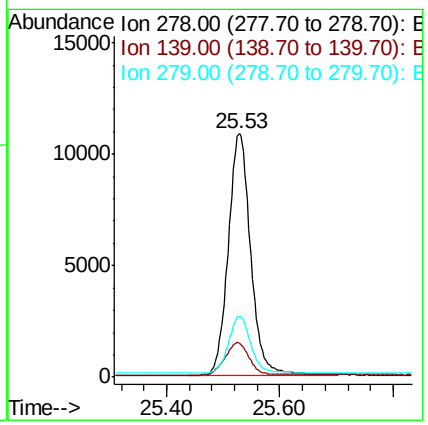


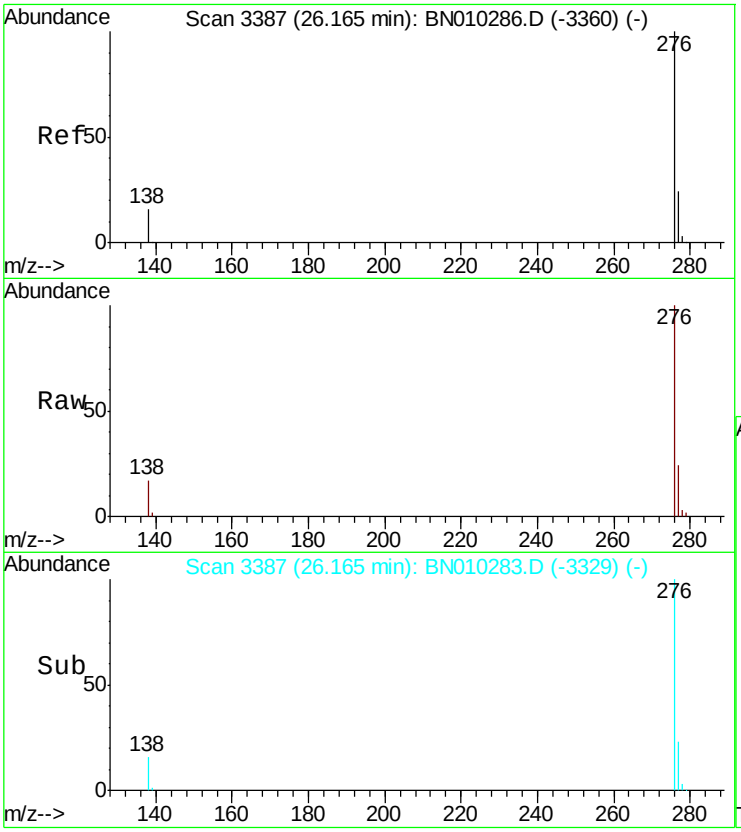


#38
Dibenzo(a,h)anthracene
Concen: 0.408 ng
RT: 25.53 min Scan# 3201
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Tgt Ion:278 Resp: 30236

Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.6	16.0
279	24.7	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 26.16 min Scan# 3387
Delta R.T. -0.00 min
Lab File: BN010283.D
Acq: 19 Mar 2020 10:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 28855

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	17.0	13.3	19.9