Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
Data File : BN010349.D
Acq On : 27 Mar 2020 13:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 27 14:16:41 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	7.61	152	6382	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	22071	0.40	ng		-0.01
13) Acenaphthene-d10	14.23	164	12816	0.40	ng		-0.02
19) Phenanthrene-d10	16.98	188	29851	0.40	ng		0.00
27) Chrysene-d12	21.18	240	29285	0.40	ng		0.00
34) Perylene-d12	23.35	264	30206	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	5577	0.44	ng		0.00
5) Phenol-d6	6.80	99	6808	0.43	ng		0.00
8) Nitrobenzene-d5	8.75	82	6184	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	15908	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	1931	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	20223	0.41	ng		0.00
25) Fluoranthene-d10	19.02	212	38681	0.43	ng		0.00
29) Terphenyl-d14	19.63	244	26821	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	2294	0.383	ng	#	82
3) n-Nitrosodimethylamine	3.55	42	1466	0.289	ng	#	43
6) bis(2-Chloroethyl)ether	7.05	93	6358	0.421	ng		92
9) Naphthalene	10.42	128	22569	0.410	ng		99
10) Hexachlorobutadiene	10.72	225	5575	0.418	ng	#	98
12) 2-Methylnaphthalene	12.04	142	15266	0.400	ng		99
16) Acenaphthylene	13.95	152	18812	0.374	ng		99
17) Acenaphthene	14.30	154	14679	0.410	ng		99
18) Fluorene	15.29	166	18718	0.393	ng		99
20) 4-Bromophenyl-phenylether	16.18	248	6905	0.381	ng		94
21) Hexachlorobenzene	16.30	284	7699	0.414	ng		98
22) Pentachlorophenol	16.64	266	2432	0.382	ng		95
23) Phenanthrene	17.02	178	32166	0.392	ng		100
24) Anthracene	17.11	178	26183	0.373	ng		99
26) Fluoranthene	19.05	202	39008	0.388	ng		100
28) Pyrene	19.41	202	40710	0.446	ng		99
30) Benzo(a)anthracene	21.17	228	36648	0.393	ng		99
31) Chrysene	21.22	228	41631	0.416	ng		99
32) Bis(2-ethylhexyl)phthalate	21.12	149	11533	0.366	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	48272	0.451	ng		100
35) Benzo(b)fluoranthene	22.71	252	38992	0.380	ng		99
36) Benzo(k)fluoranthene	22.75	252	43904	0.420	ng		99
37) Benzo(a)pyrene	23.26	252	33504	0.387	ng		98
38) Dibenzo(a,h)anthracene	25.51	278	39264	0.419	ng		99
39) Benzo(g,h,i)perylene	26.15	276	37422	0.397	ng		99

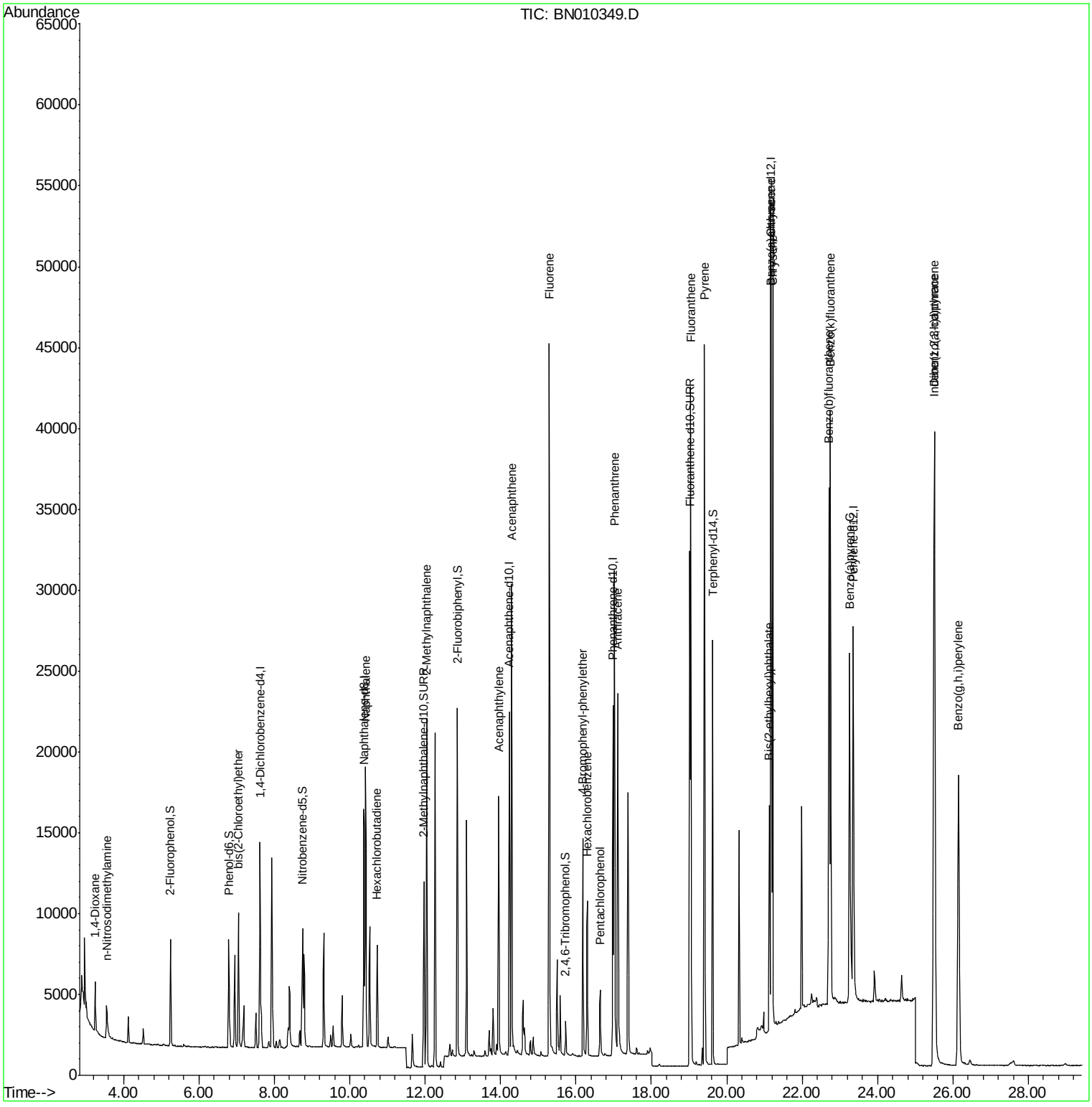
(#) = qualifier out of range (m) = manual integration (+) = signals summed

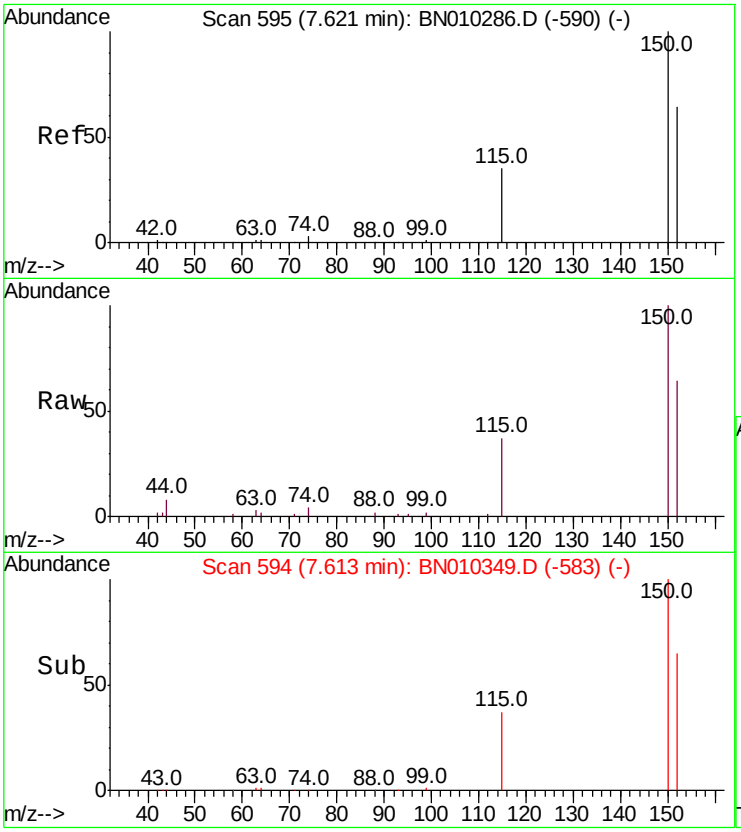
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
Data File : BN010349.D
Acq On : 27 Mar 2020 13:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 27 14:16:41 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



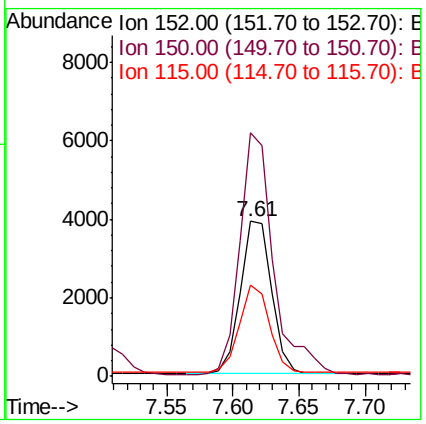


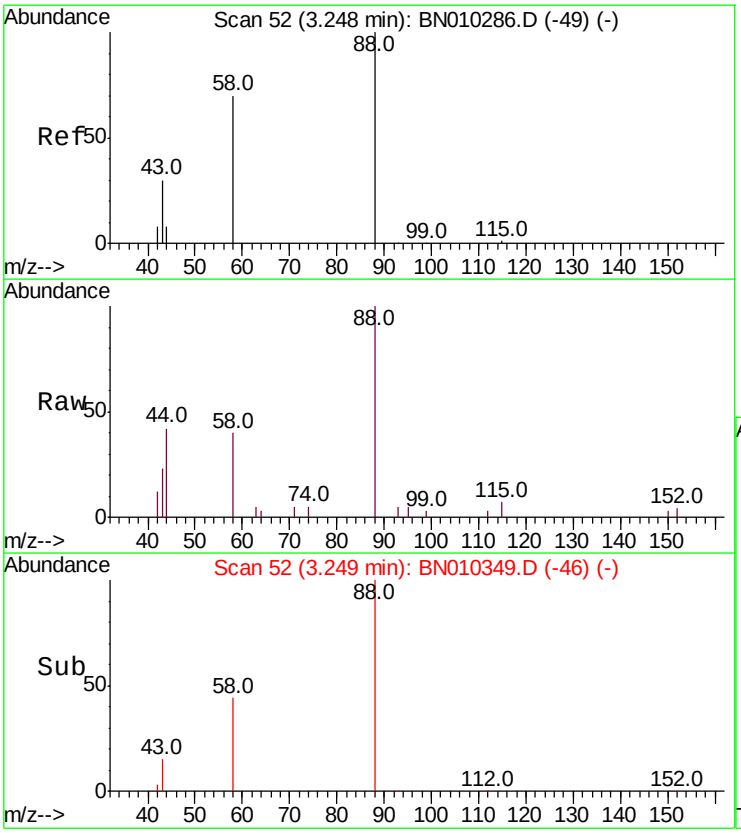
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6382

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.1	184.7
115	58.6	45.2	67.8

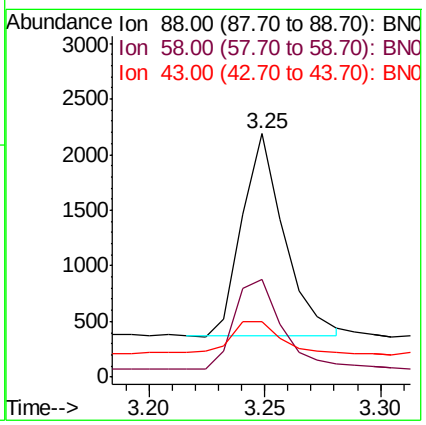


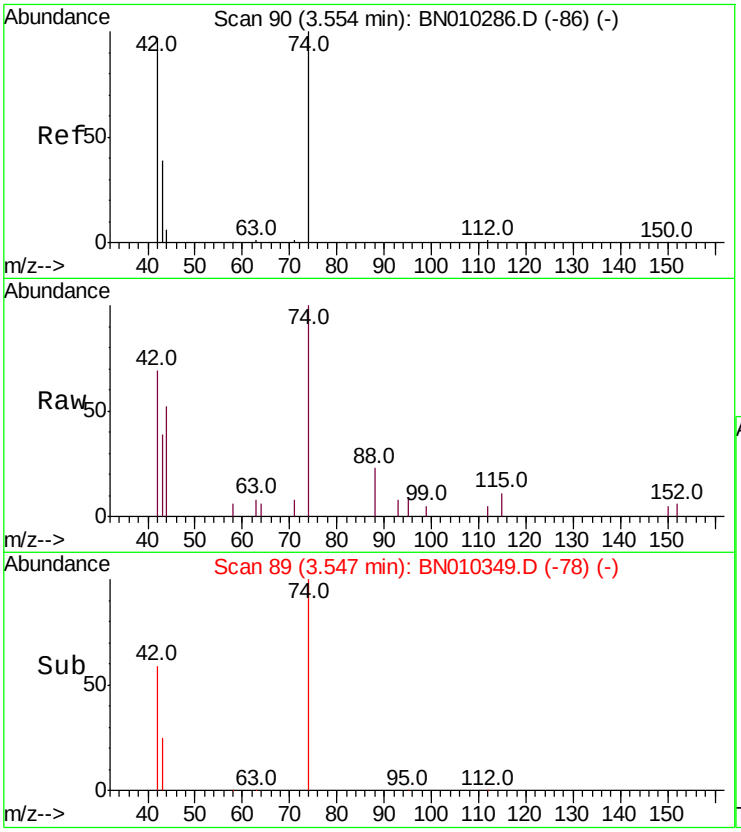


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion: 88 Resp: 2294

Ion	Ratio	Lower	Upper
88	100		
58	50.2	51.7	77.5#
43	17.4	21.2	31.8#



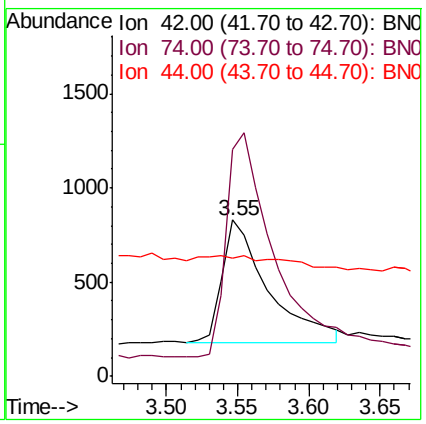


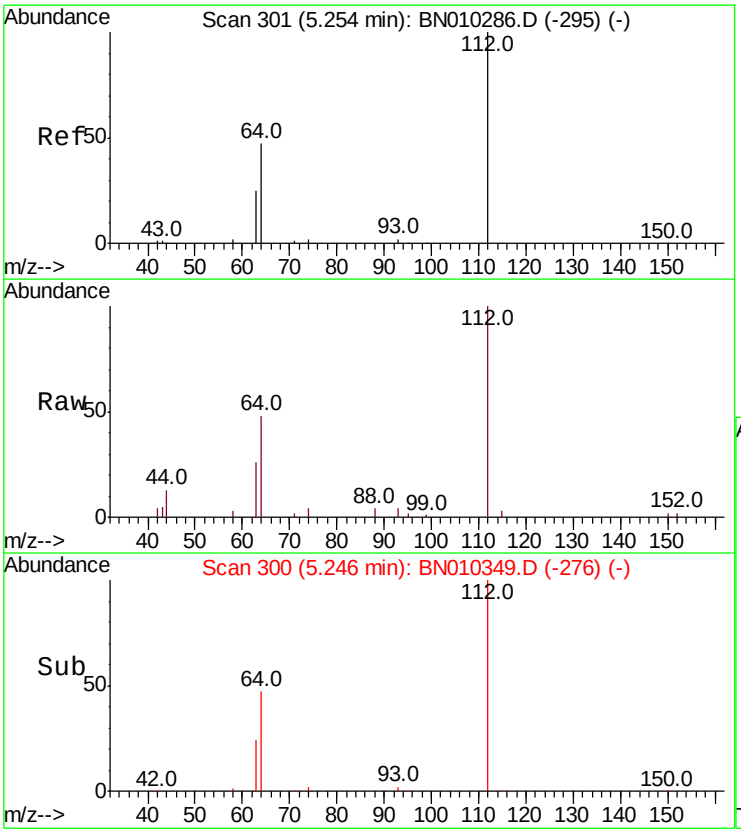
#3
n-Nitrosodimethylamine
Concen: 0.289 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1466

Ion	Ratio	Lower	Upper
42	100		
74	190.7	99.4	149.0#
44	15.6	4.8	7.2#

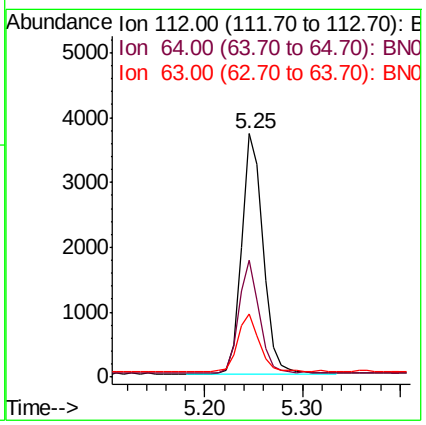


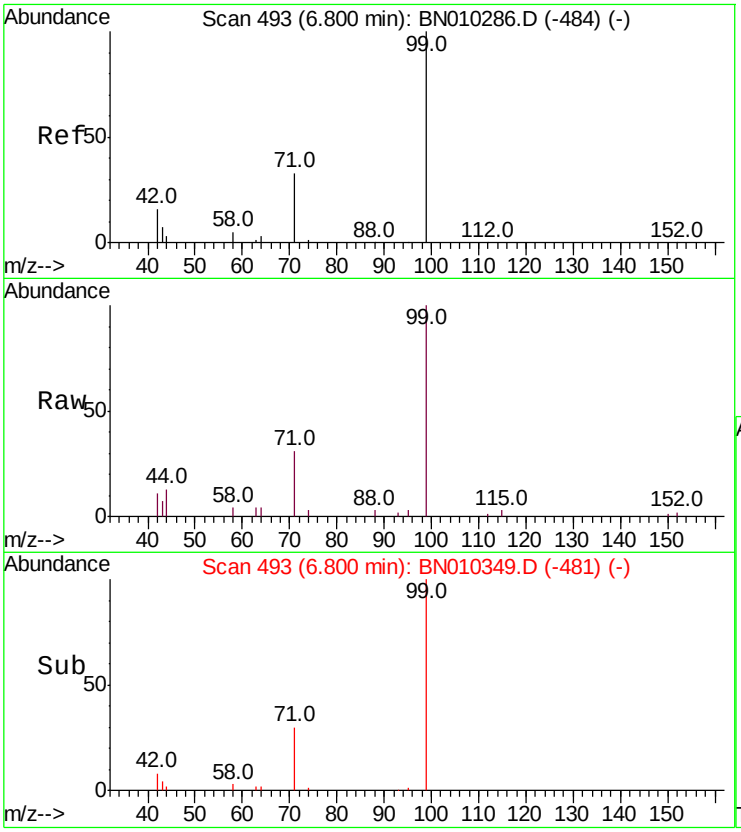


#4
2-Fluorophenol
Concen: 0.442 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:112 Resp: 5577

Ion	Ratio	Lower	Upper
112	100		
64	45.8	41.4	62.2
63	24.2	22.9	34.3



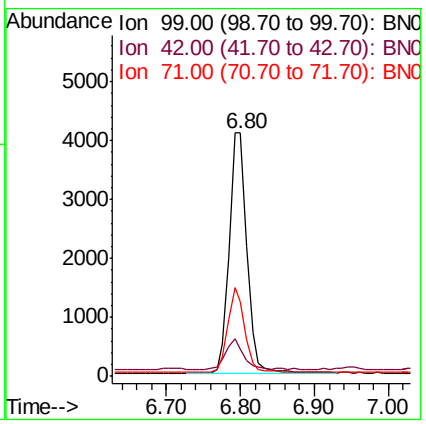


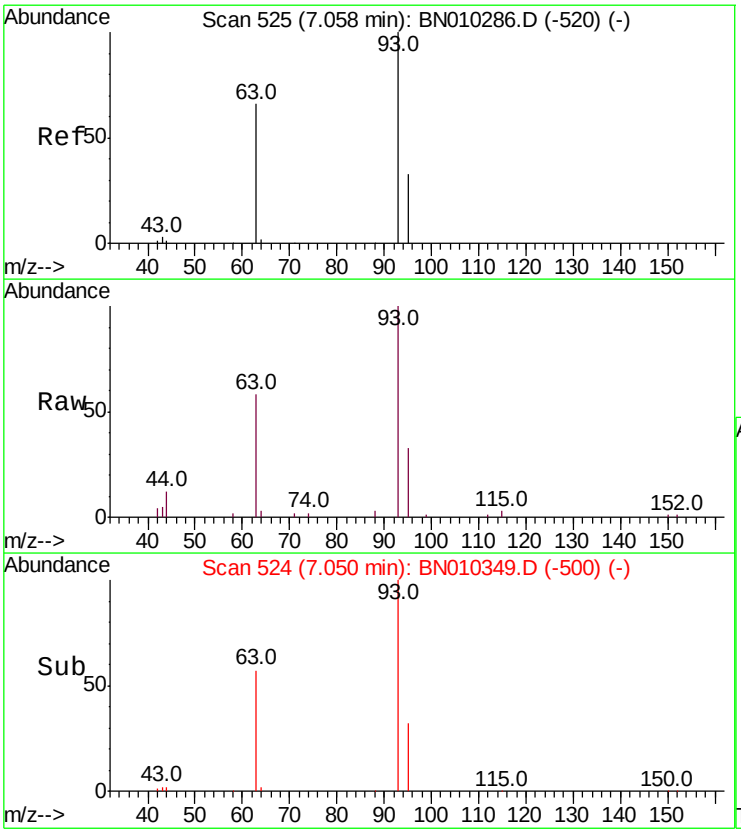
#5
Phenol-d6
Concen: 0.433 ng
RT: 6.80 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6808

Ion	Ratio	Lower	Upper
99	100		
42	12.4	14.8	22.2#
71	33.2	27.3	40.9

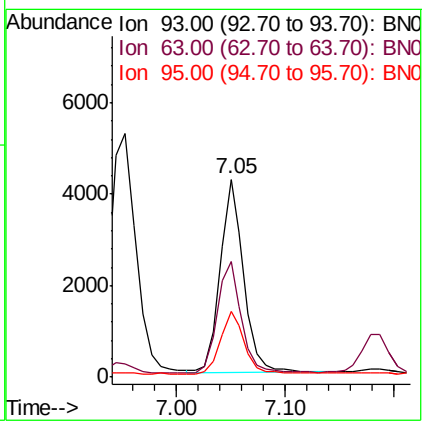


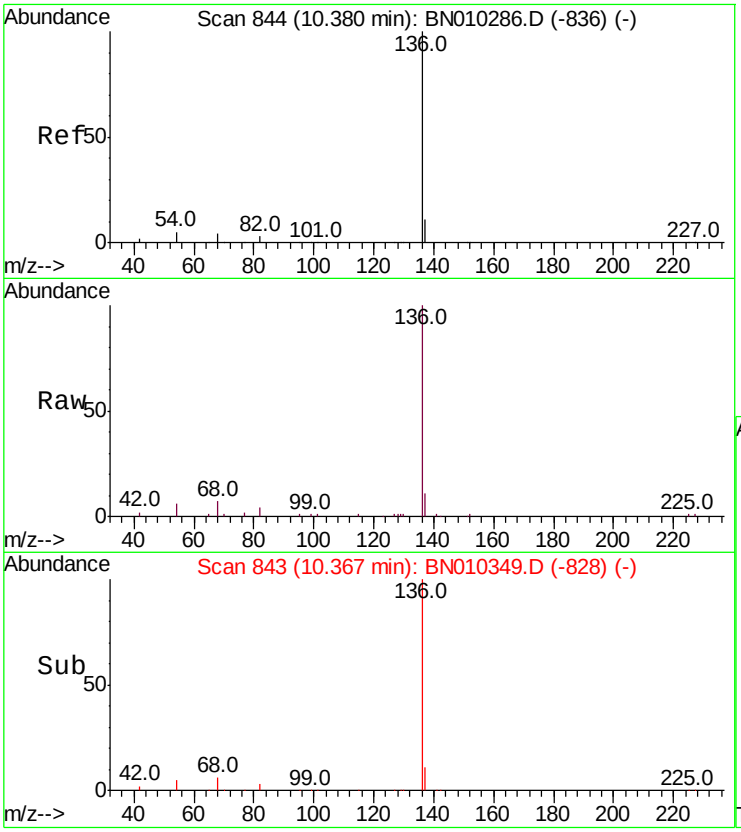


#6
bis(2-Chloroethyl)ether
Concen: 0.421 ng
RT: 7.05 min Scan# 524
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion: 93 Resp: 6358

Ion	Ratio	Lower	Upper
93	100		
63	59.6	55.6	83.4
95	32.6	26.2	39.4



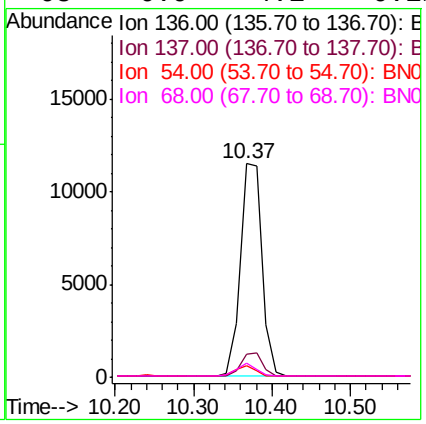


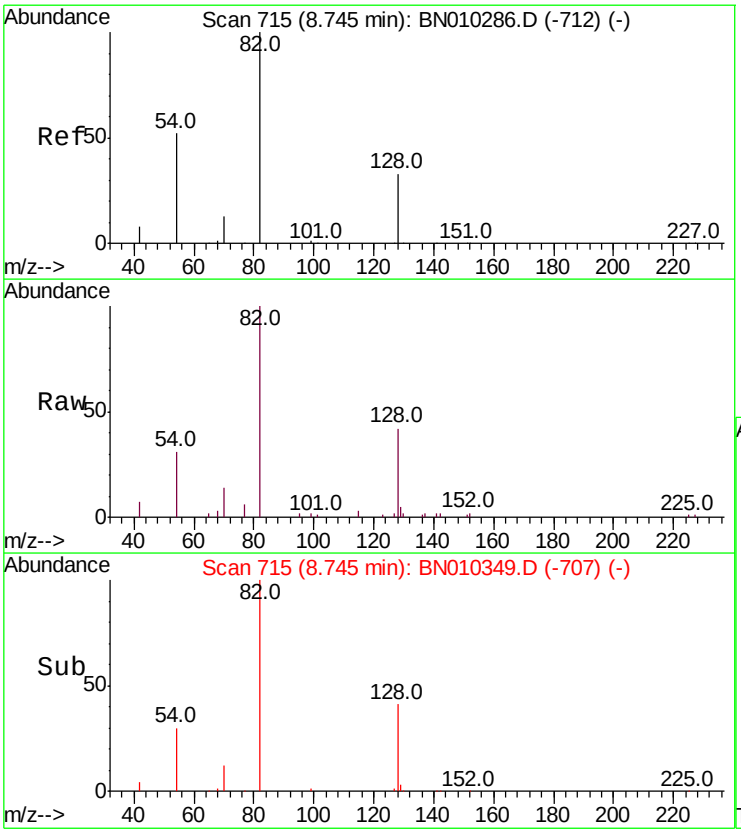
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 22071

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	5.6	4.8	7.2
68	6.9	4.1	6.1#

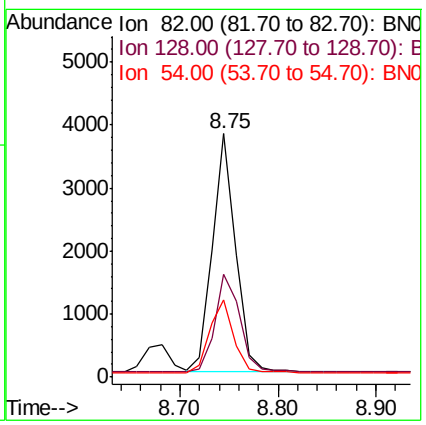


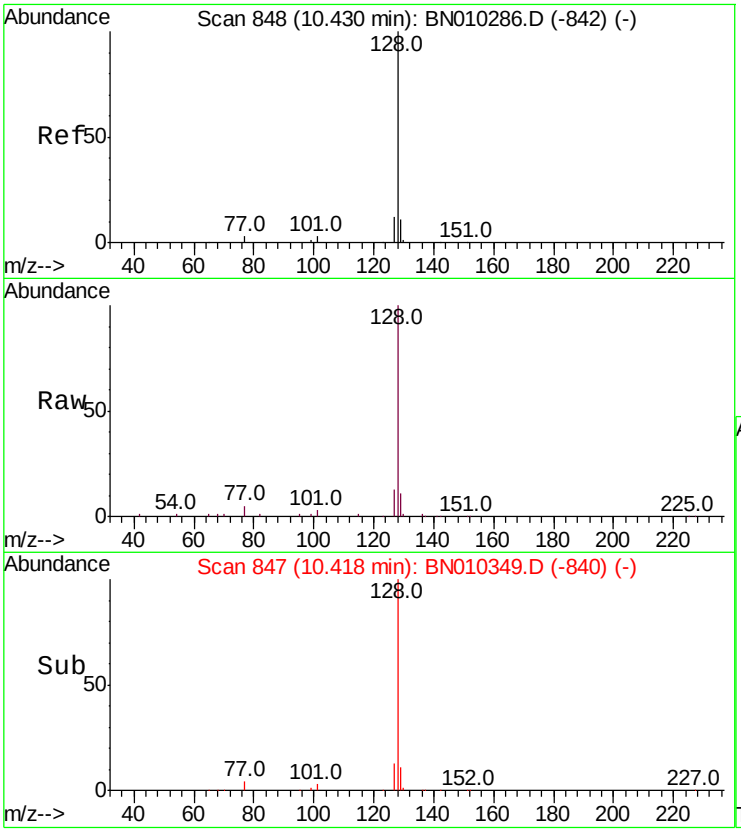


#8
Nitrobenzene-d5
Concen: 0.437 ng
RT: 8.75 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion: 82 Resp: 6184

Ion	Ratio	Lower	Upper
82	100		
128	42.2	28.8	43.2
54	31.5	42.1	63.1#



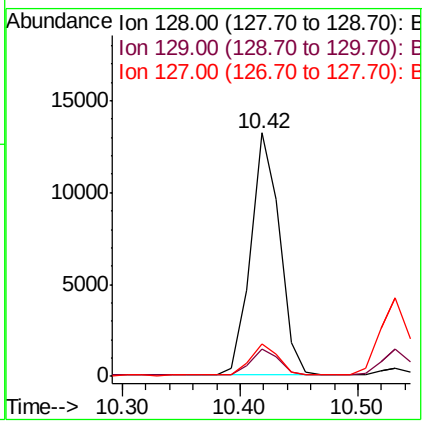


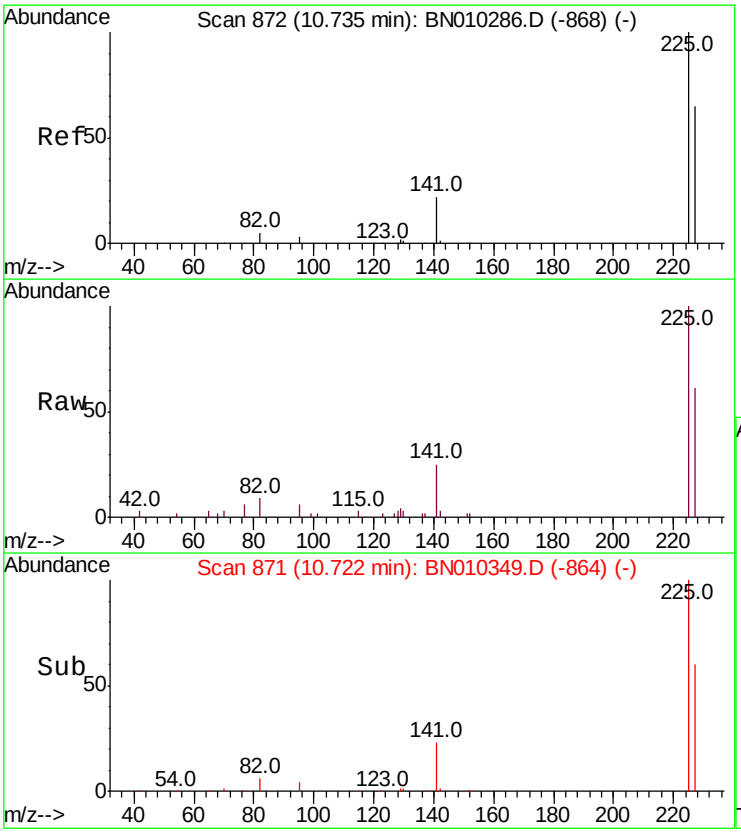
#9
Naphthalene
Concen: 0.410 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 22569

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	10.4	15.6

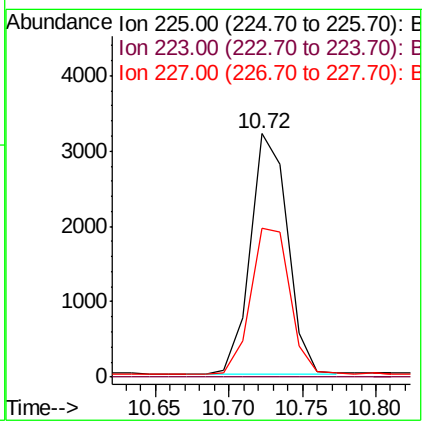


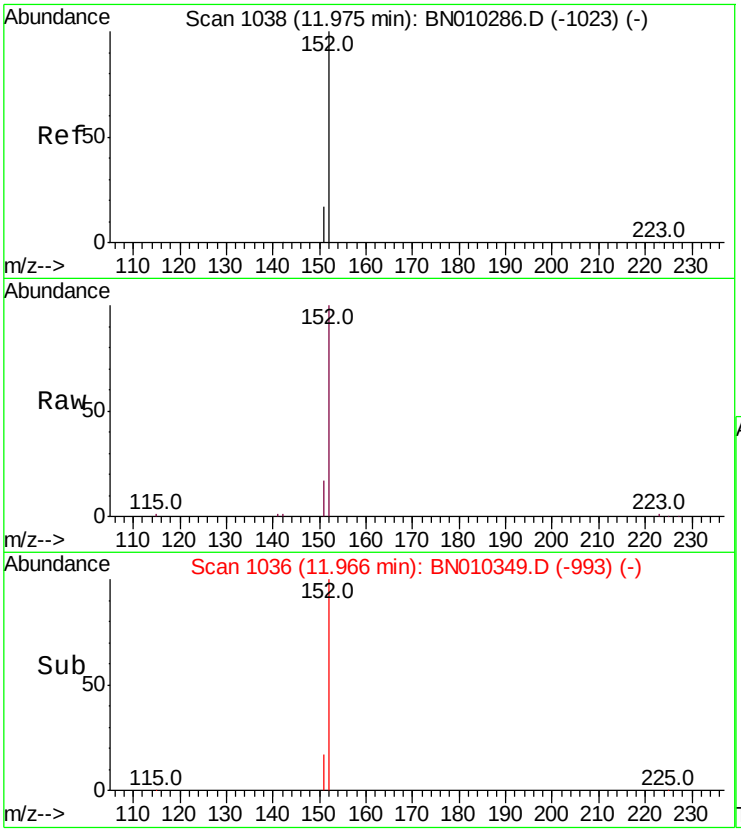


#10
Hexachlorobutadiene
Concen: 0.418 ng
RT: 10.72 min Scan# 871
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:225 Resp: 5575

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.9	77.9



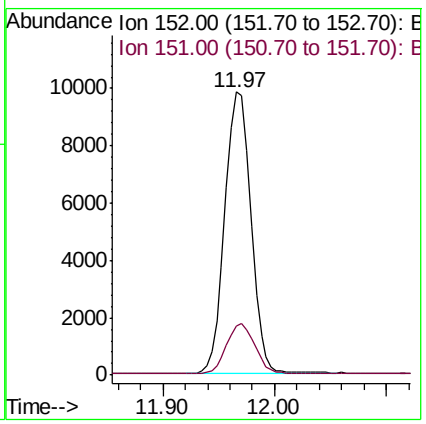


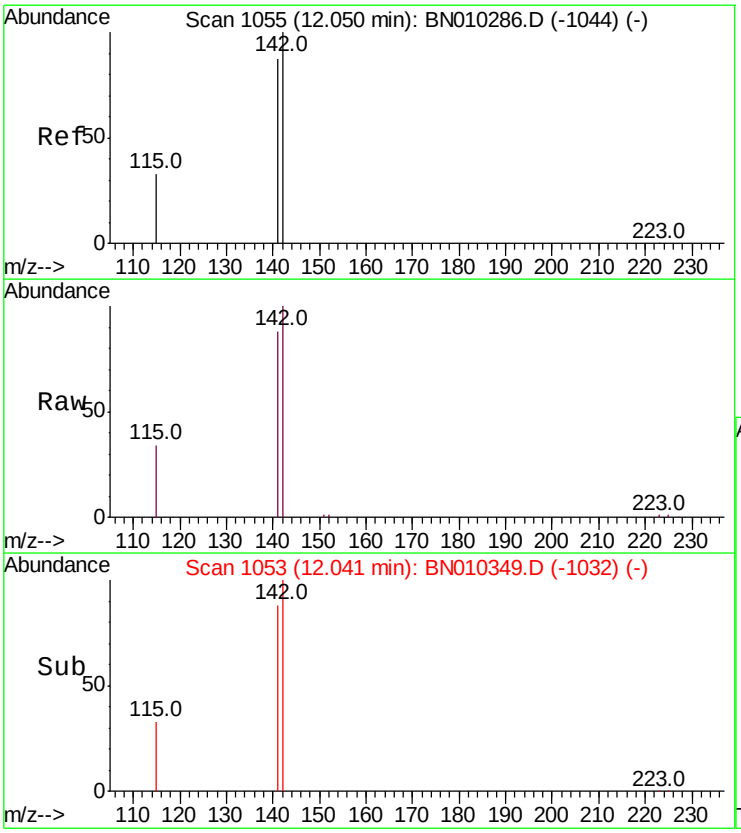
#11
2-Methylnaphthalene-d10
Concen: 0.451 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 15908

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2

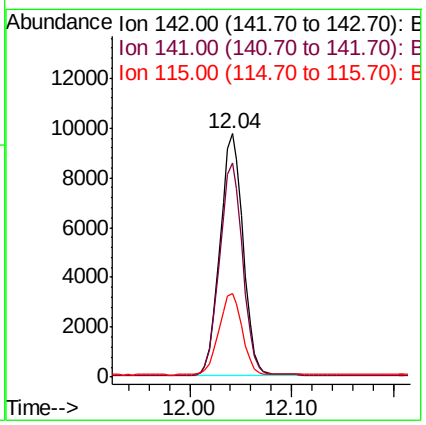


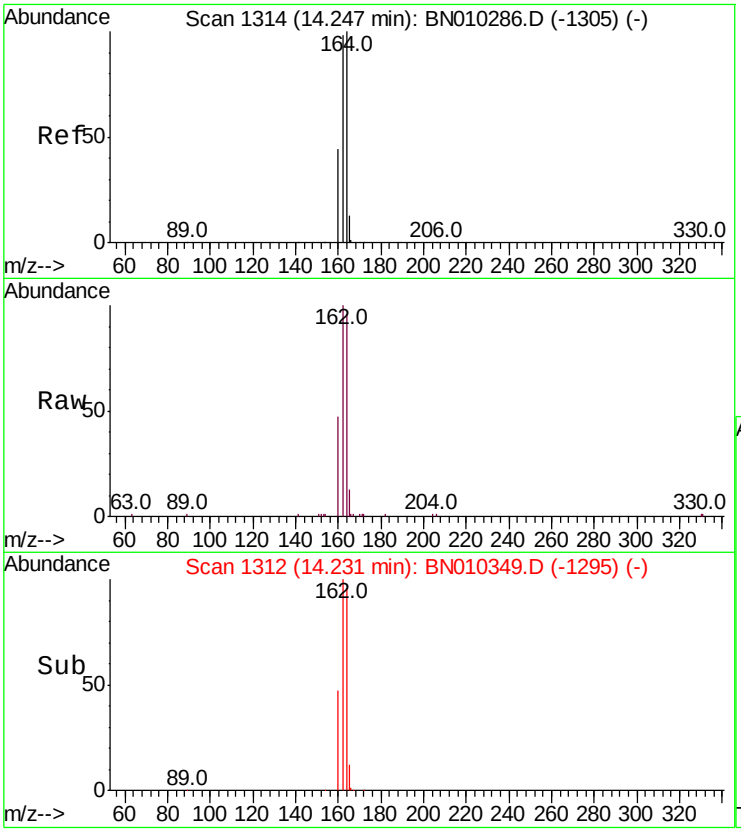


#12
2-Methylnaphthalene
Concen: 0.400 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:142 Resp: 15266

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.5	104.3
115	34.1	27.5	41.3



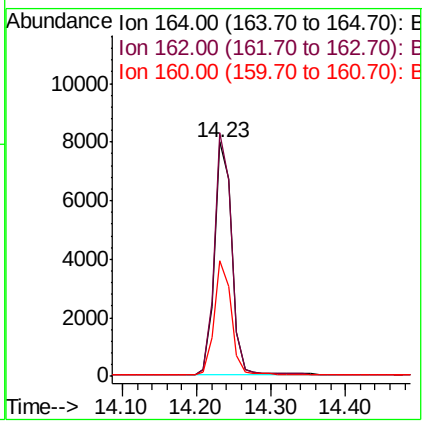


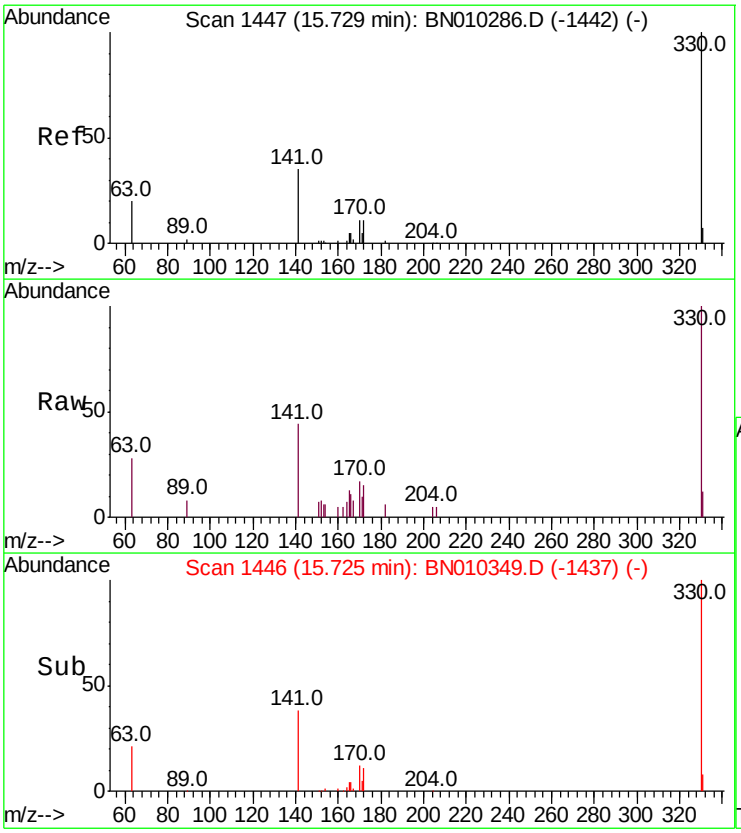
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.23 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 12816

Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.2	117.2
160	49.3	35.8	53.6

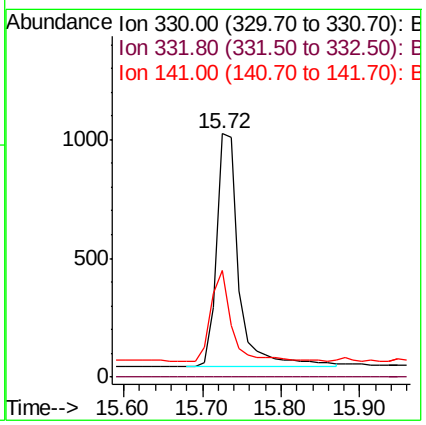


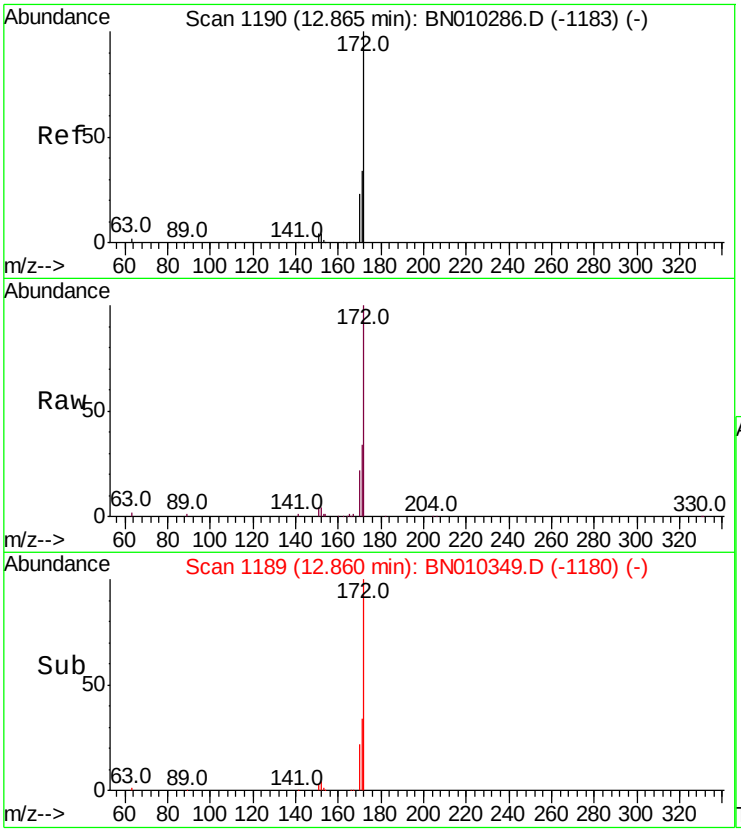


#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.72 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:330 Resp: 1931

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.9	29.3	43.9



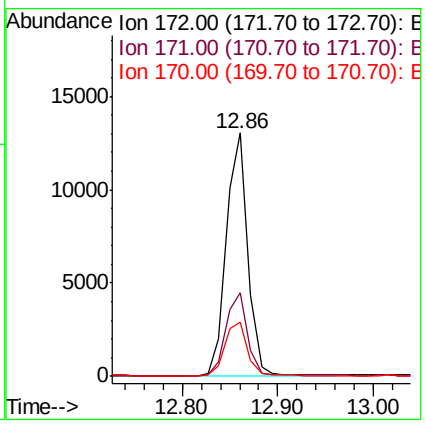


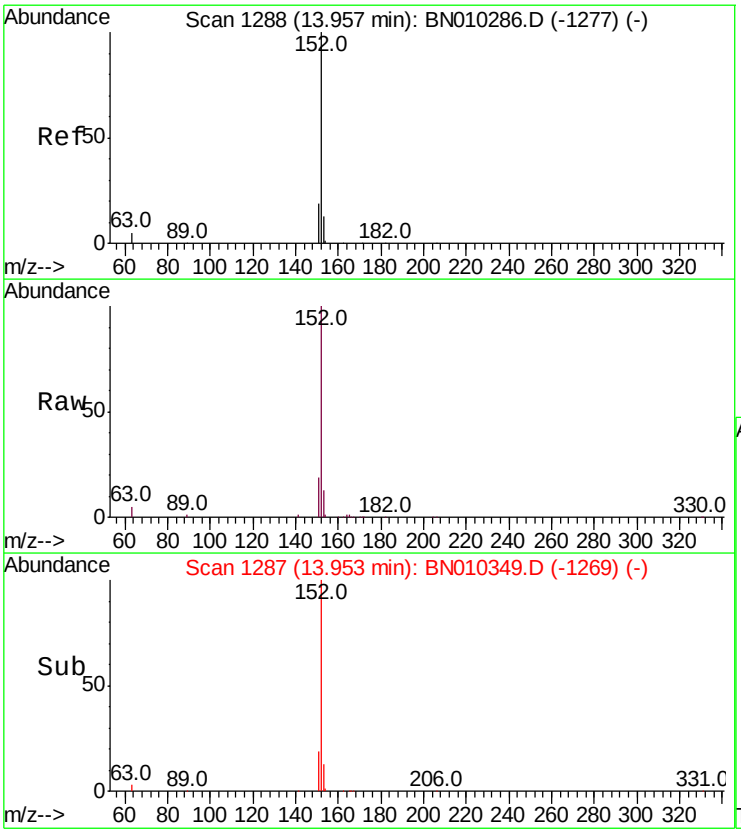
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 20223

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.6	41.4
170	22.4	18.5	27.7

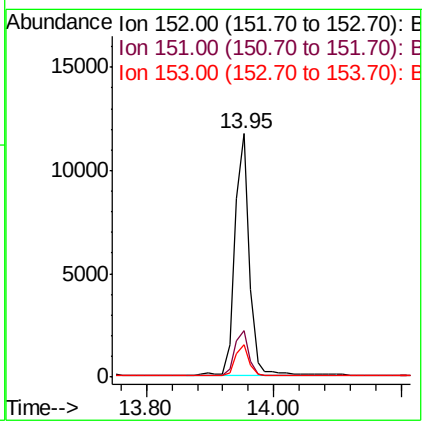


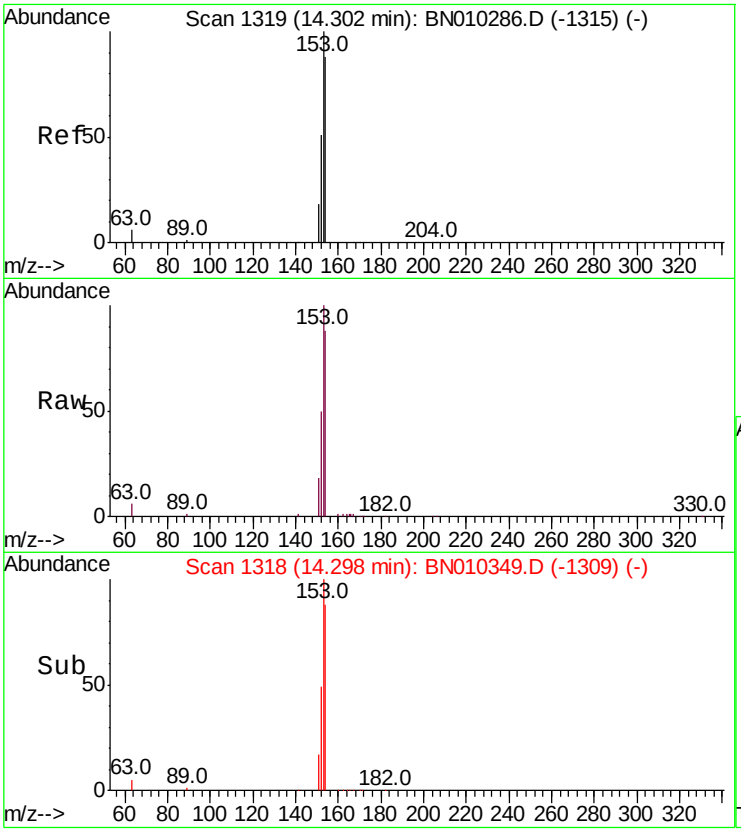


#16
Acenaphthylene
Concen: 0.374 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:152 Resp: 18812

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.6	23.4
153	12.9	10.6	15.8



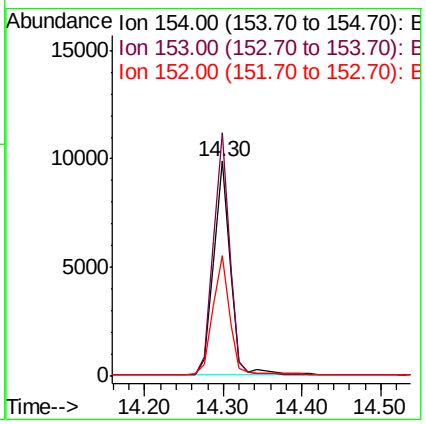


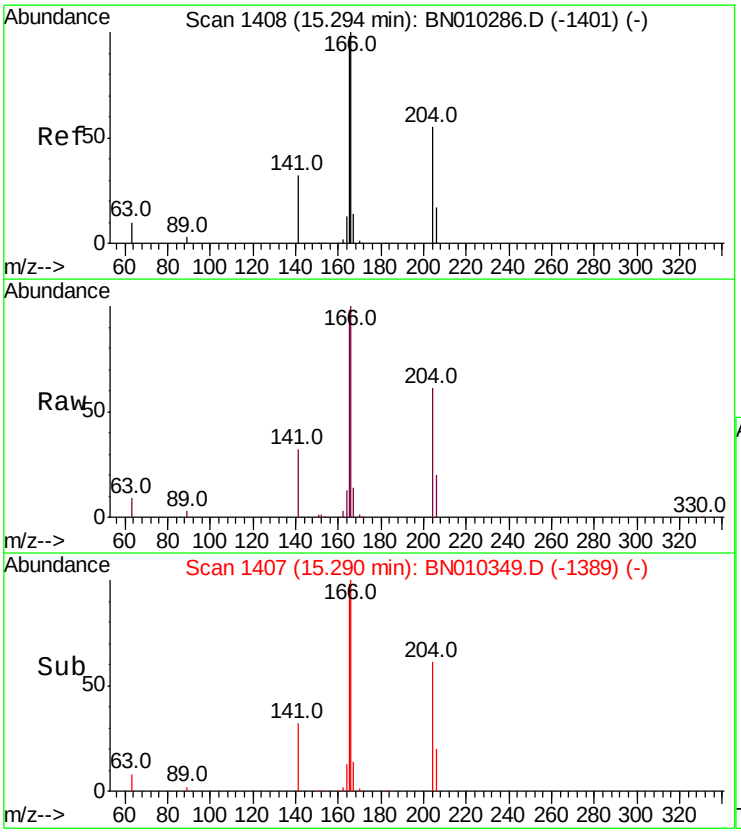
#17
Acenaphthene
Concen: 0.410 ng
RT: 14.30 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 14679

Ion	Ratio	Lower	Upper
154	100		
153	109.9	88.1	132.1
152	54.7	45.5	68.3

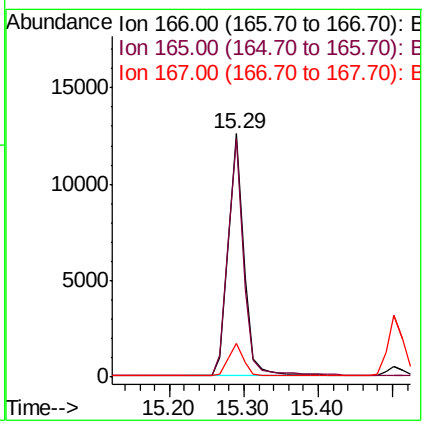


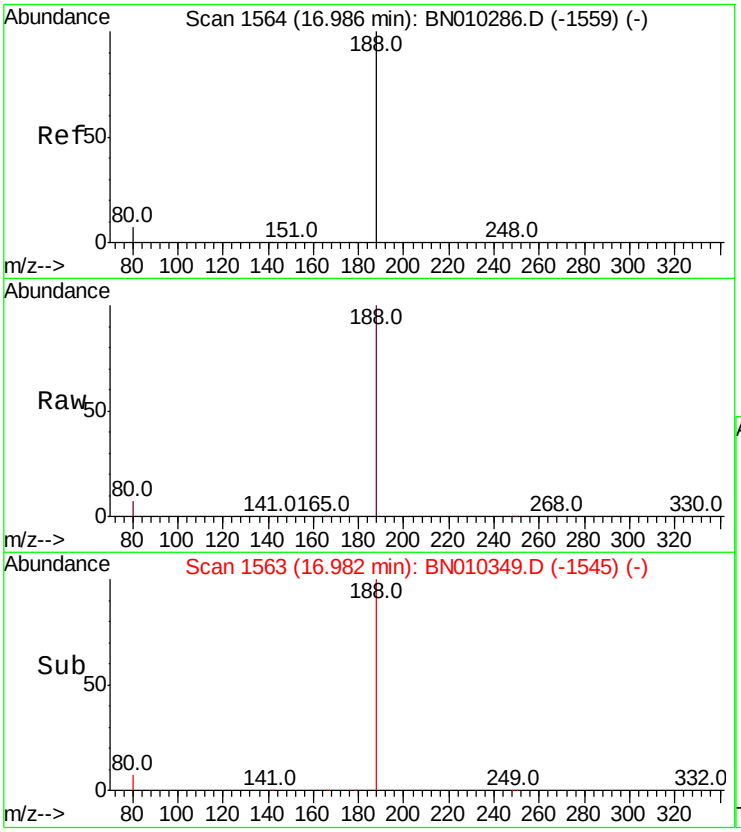


#18
Fluorene
Concen: 0.393 ng
RT: 15.29 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:166 Resp: 18718

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.7	118.1
167	13.6	11.0	16.4



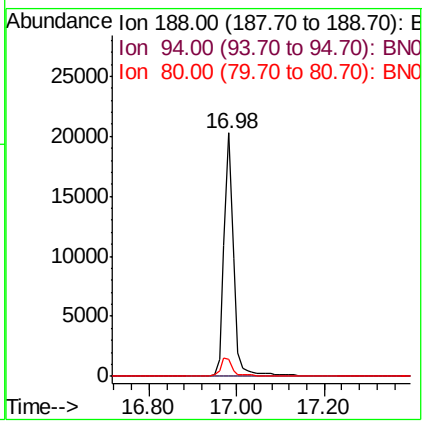


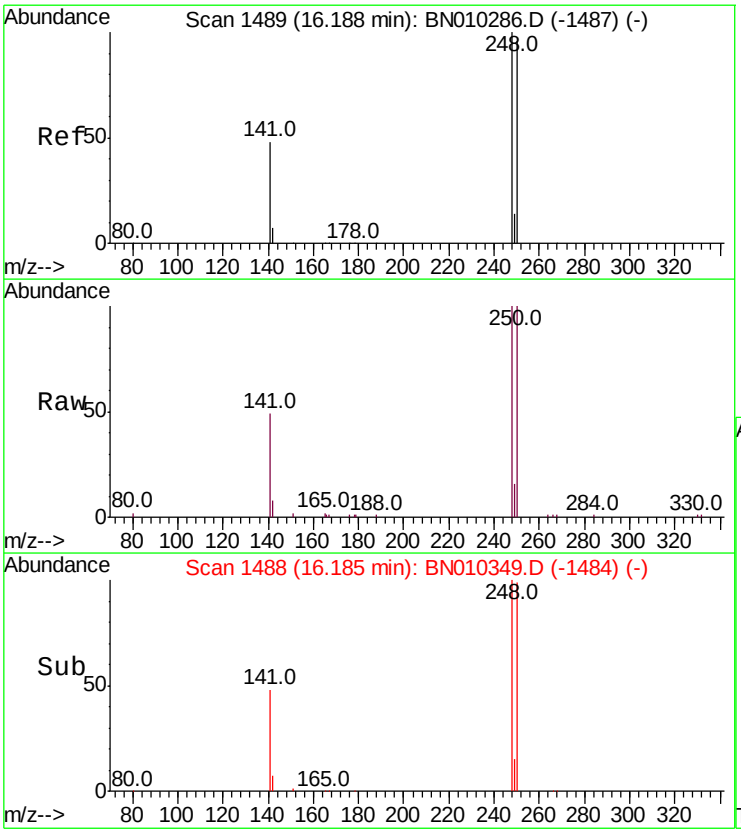
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 29851

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	6.0	9.0

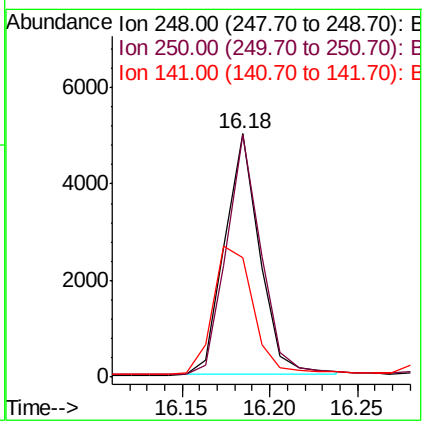


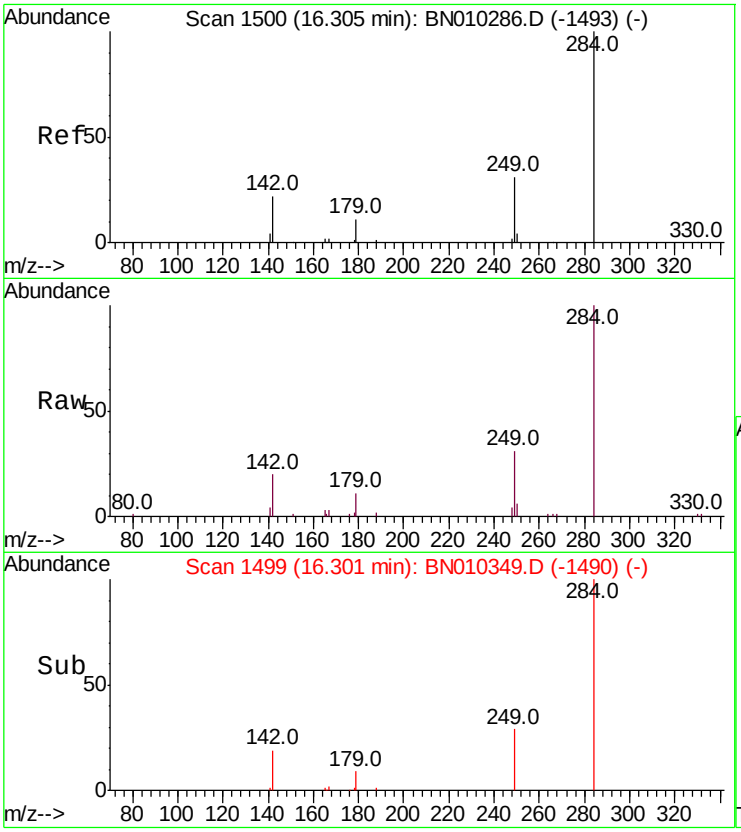


#20
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:248 Resp: 6905

Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.8	115.2
141	48.9	44.4	66.6



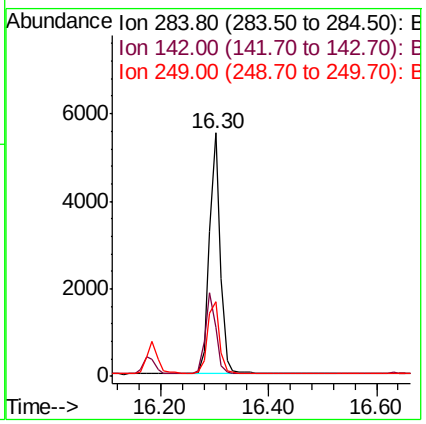


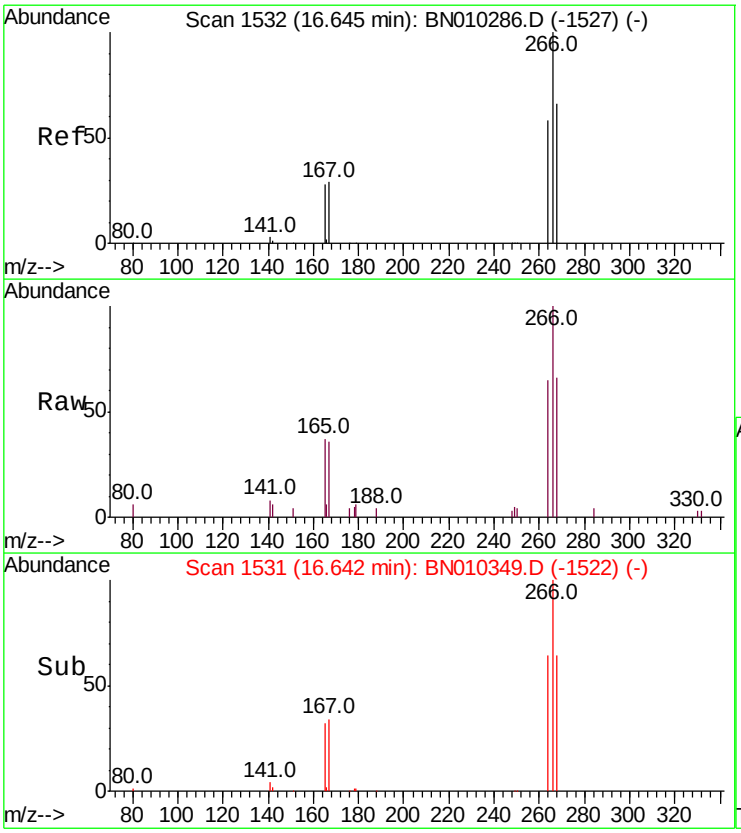
#21
Hexachlorobenzene
Concen: 0.414 ng
RT: 16.30 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 7699

Ion	Ratio	Lower	Upper
284	100		
142	32.8	27.4	41.2
249	32.1	26.5	39.7

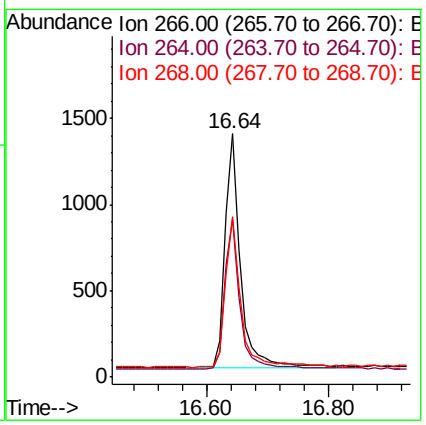


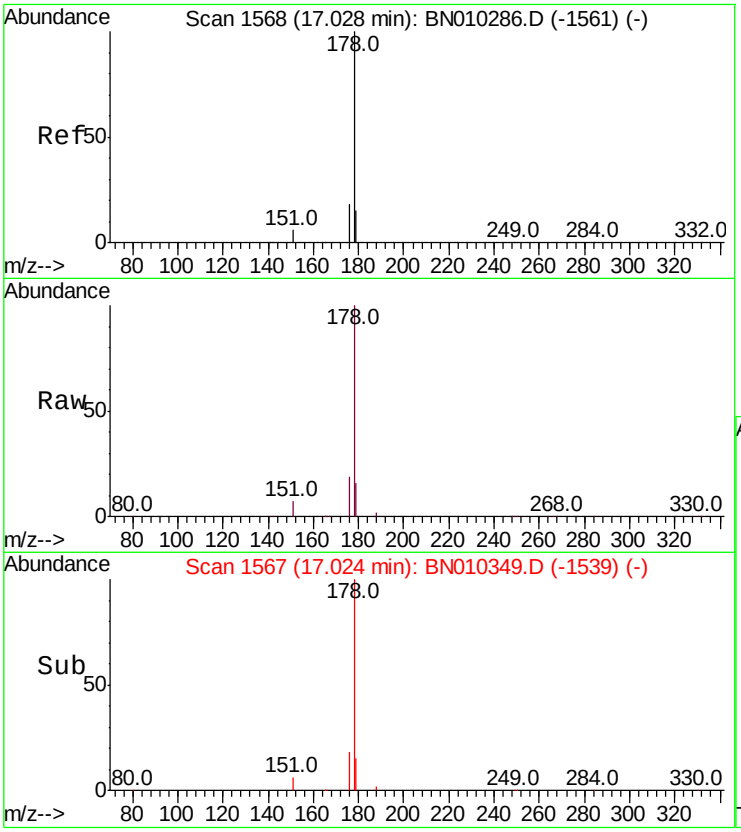


#22
Pentachlorophenol
Concen: 0.382 ng
RT: 16.64 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:266 Resp: 2432

Ion	Ratio	Lower	Upper
266	100		
264	65.1	47.7	71.5
268	65.8	54.9	82.3



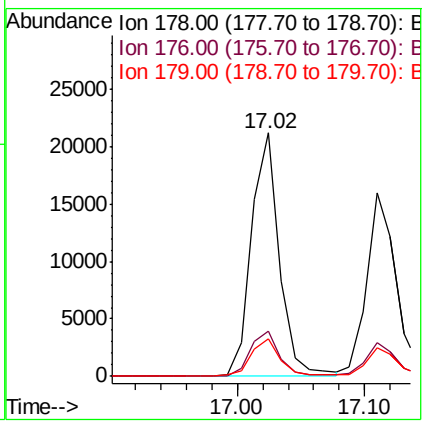


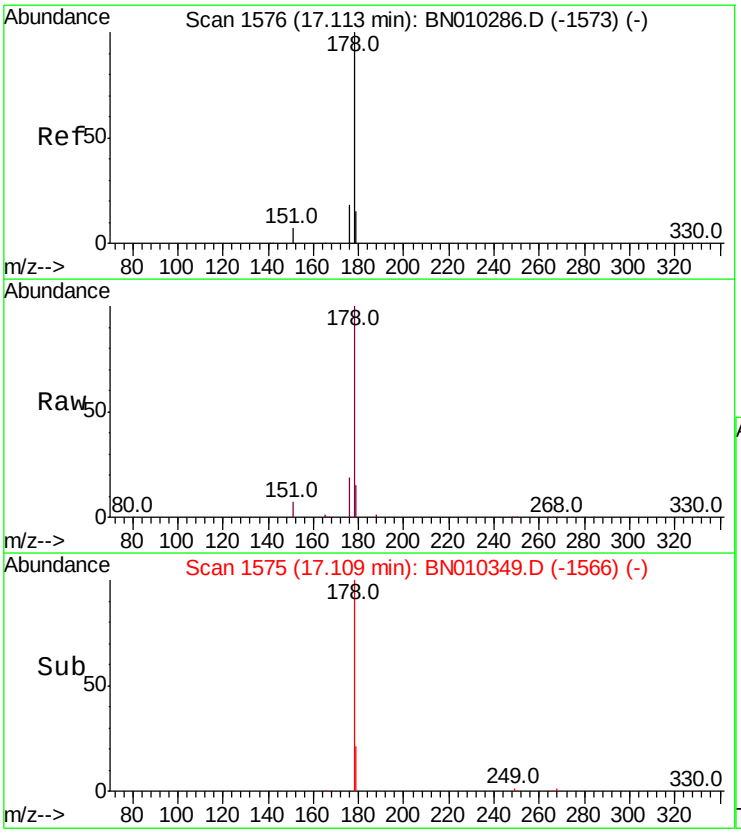
#23
Phenanthrene
Concen: 0.392 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 32166

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.4	18.6

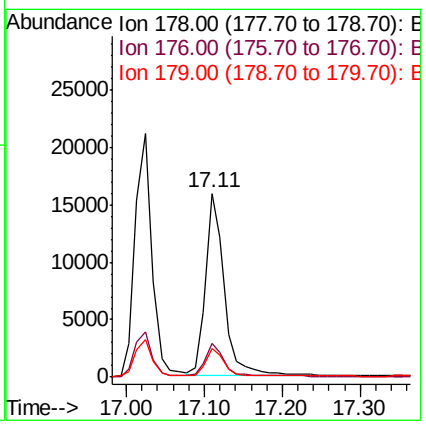


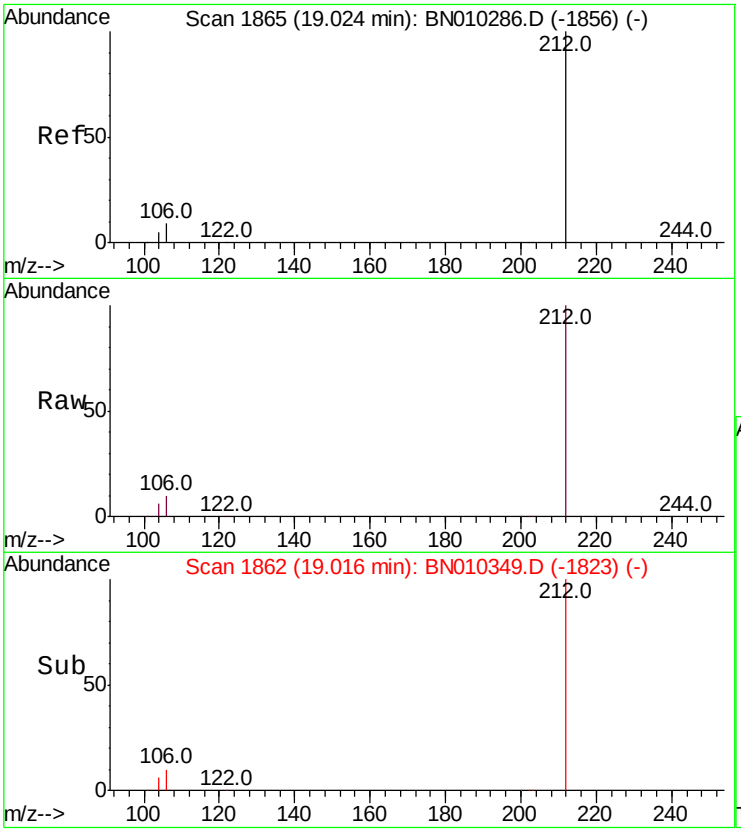


#24
Anthracene
Concen: 0.373 ng
RT: 17.11 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:178 Resp: 26183

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.0	12.3	18.5



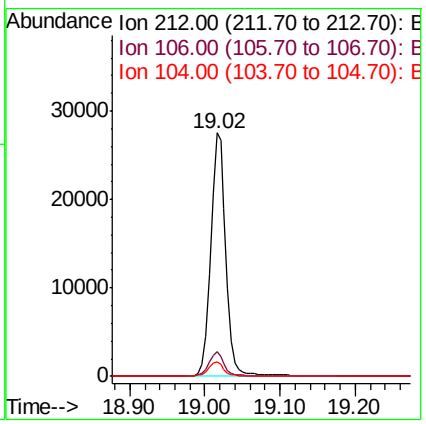


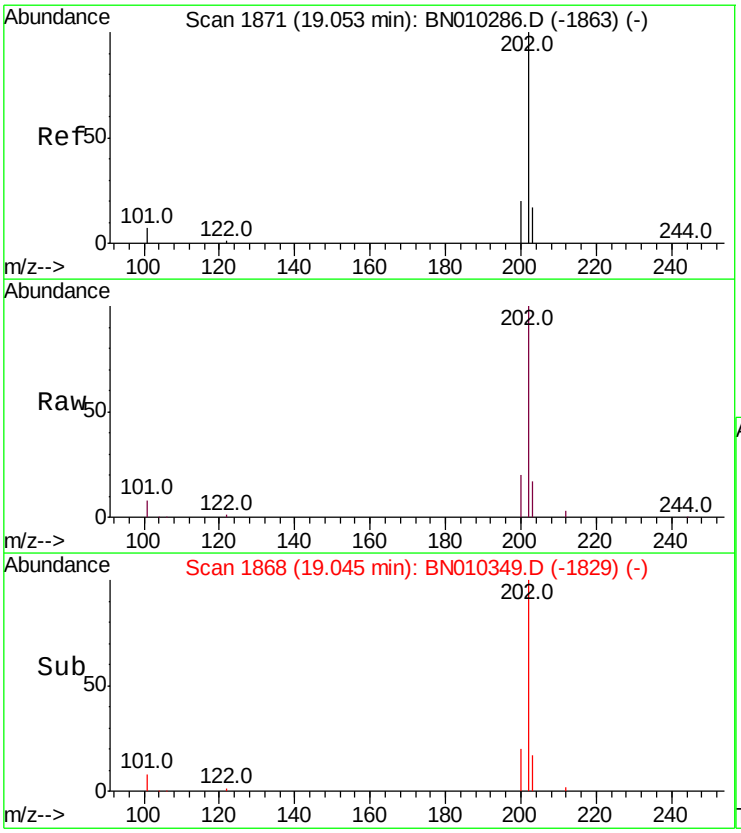
#25
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.02 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 38681

Ion	Ratio	Lower	Upper
212	100		
106	9.6	7.4	11.2
104	5.4	4.2	6.4

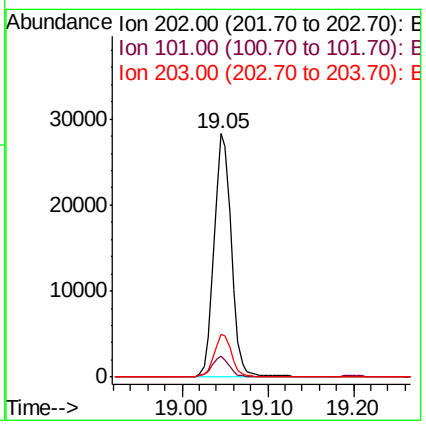


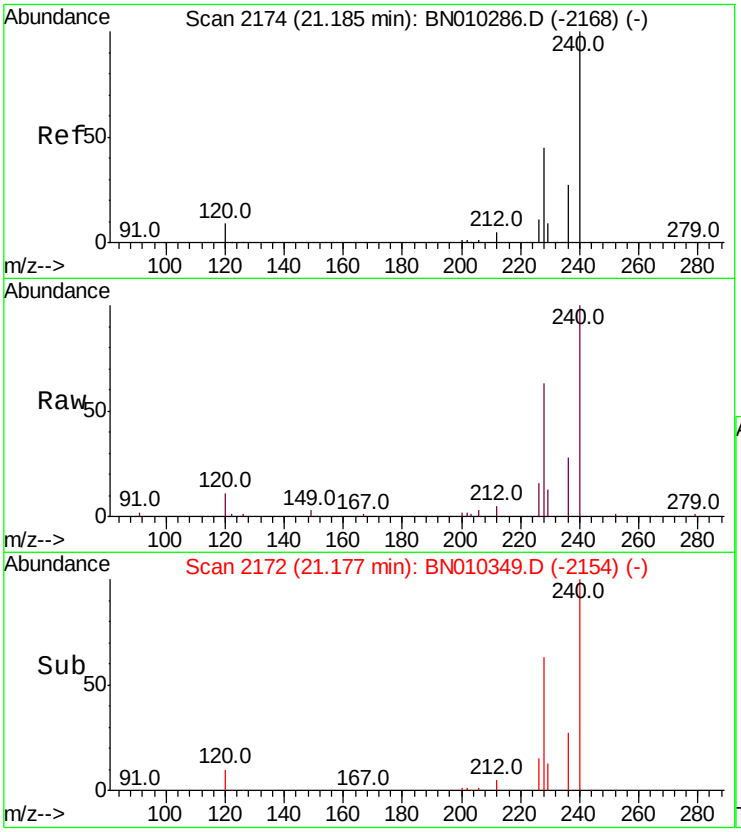


#26
Fluoranthene
Concen: 0.388 ng
RT: 19.05 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:202 Resp: 39008

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.6	9.8
203	17.2	13.8	20.8



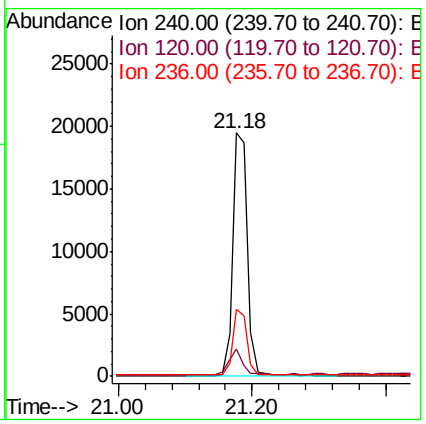


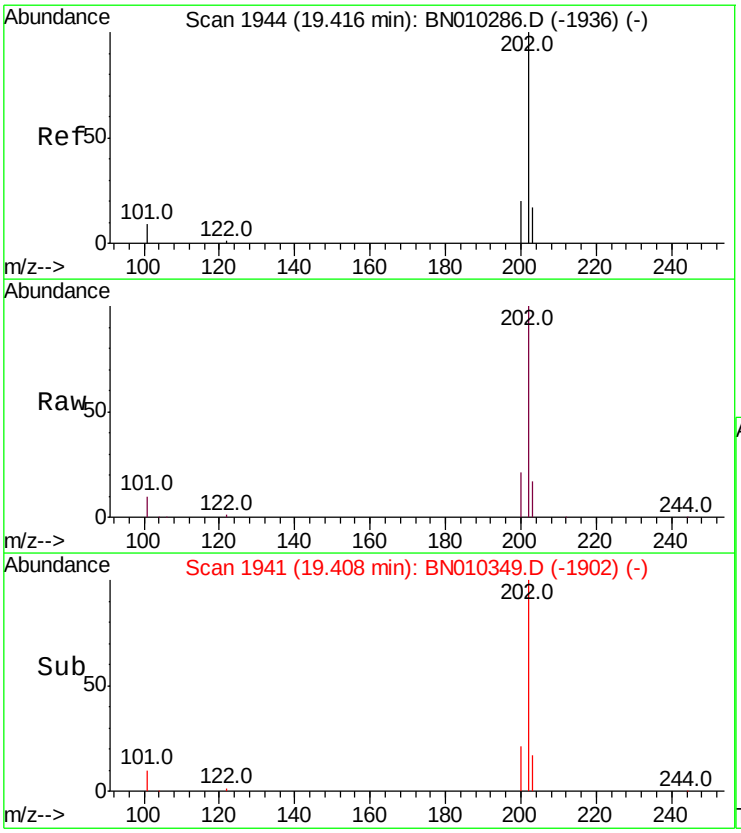
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 29285

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.9	11.9
236	27.7	22.2	33.4

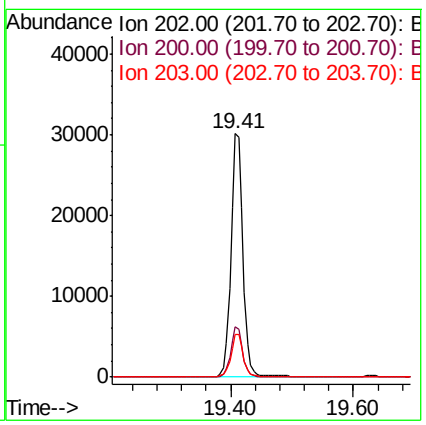


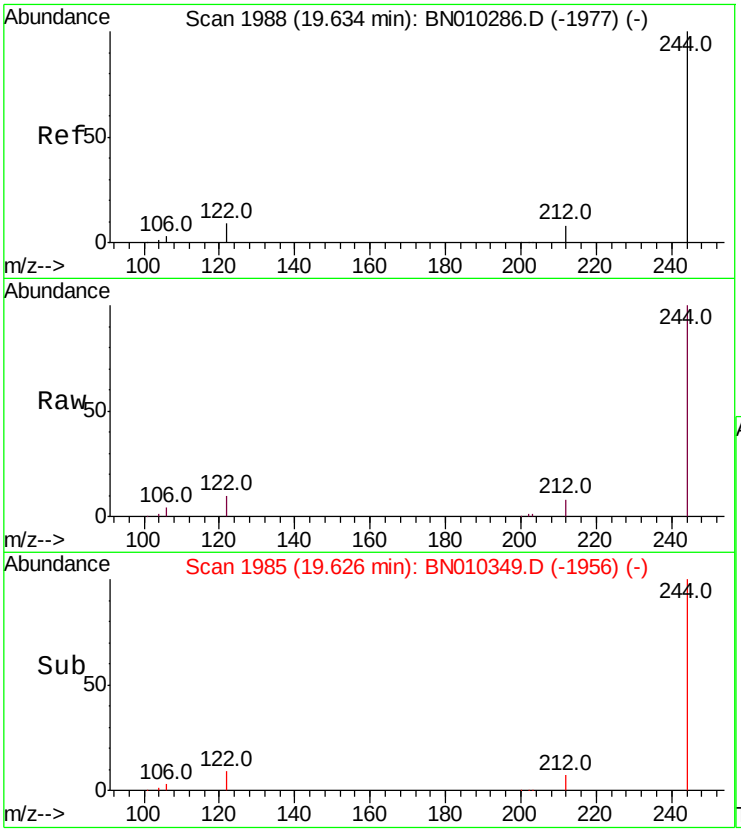


#28
Pyrene
Concen: 0.446 ng
RT: 19.41 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:202 Resp: 40710

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.4
203	17.5	14.2	21.2



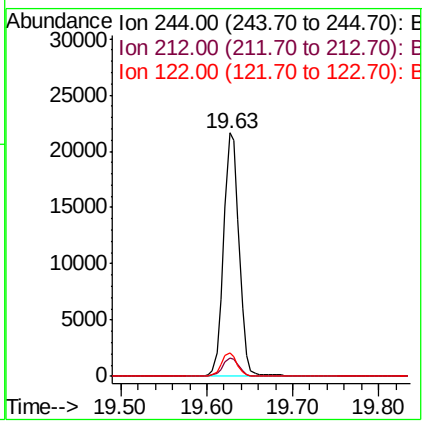


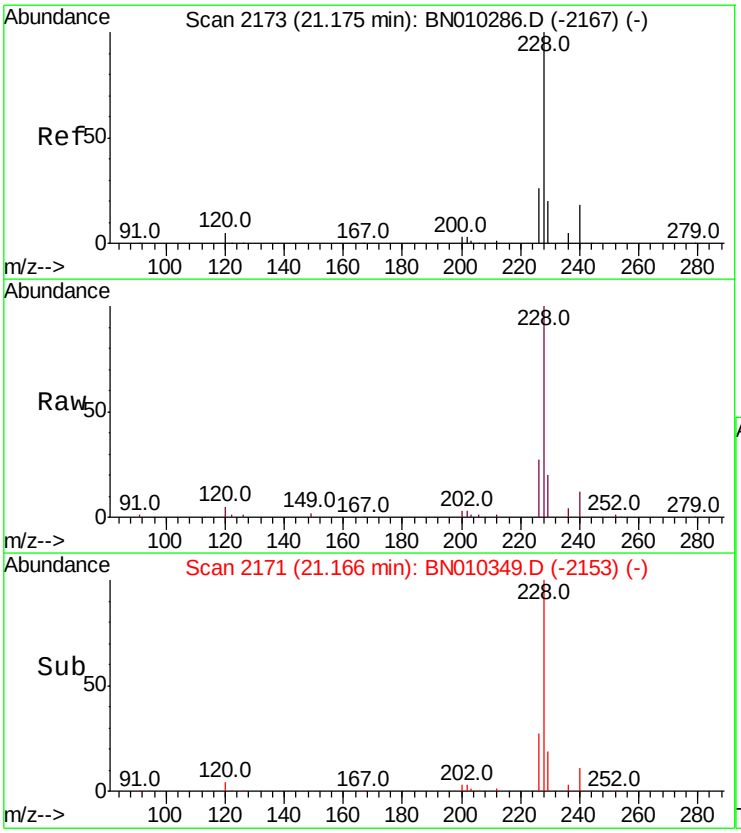
#29
Terphenyl-d14
Concen: 0.424 ng
RT: 19.63 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 26821

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

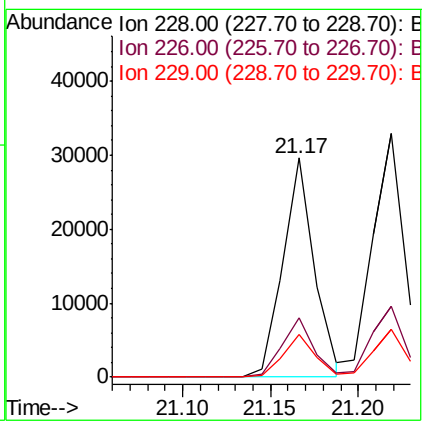


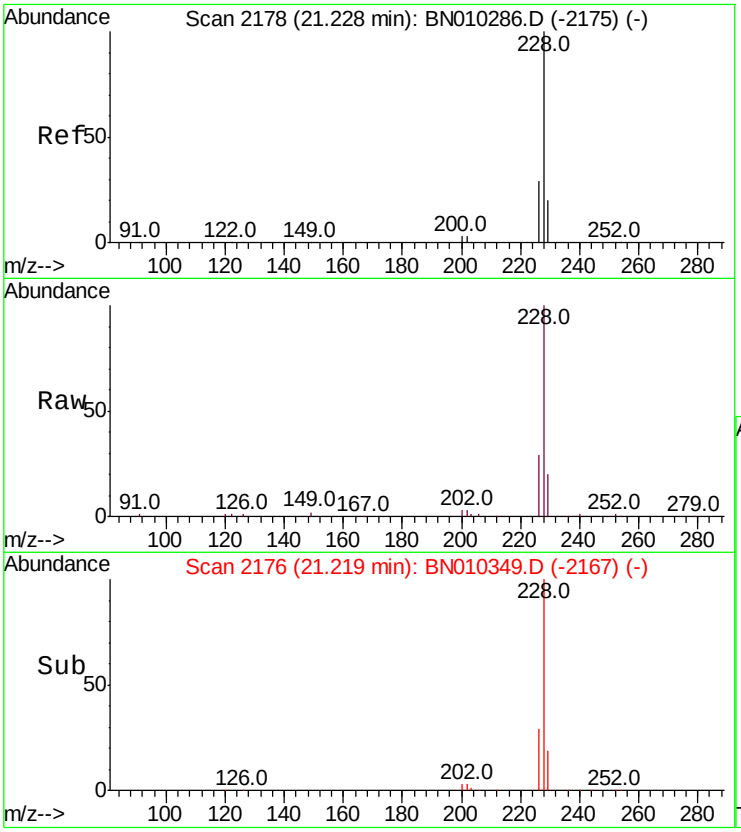


#30
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:228 Resp: 36648

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.0	31.4
229	19.6	16.0	24.0



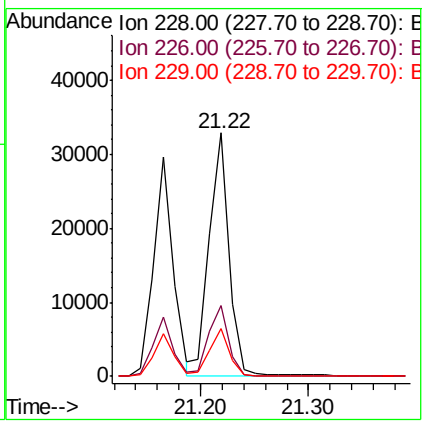


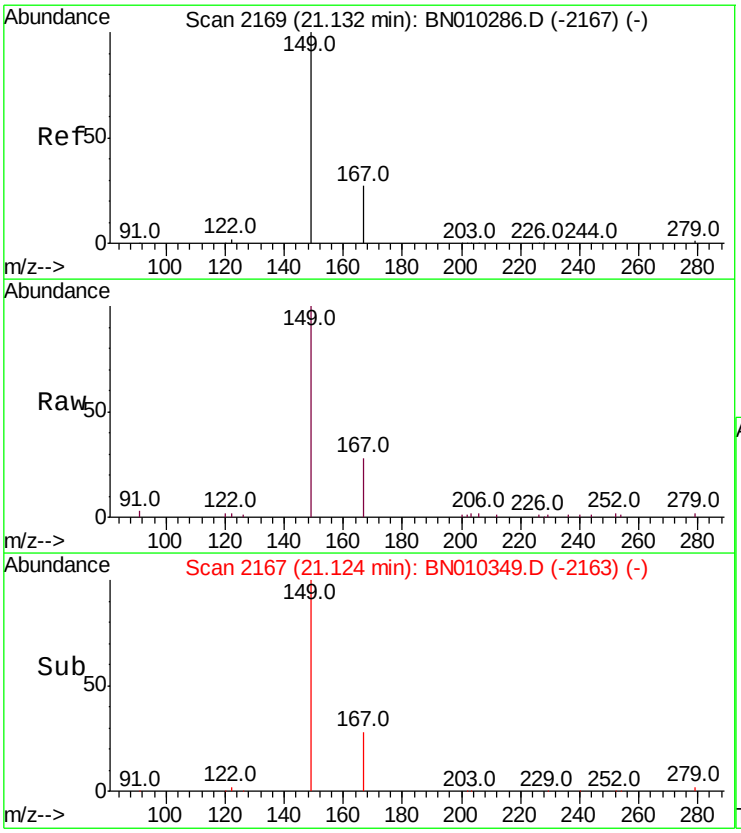
#31
Chrysene
Concen: 0.416 ng
RT: 21.22 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 41631

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	19.5	16.0	24.0

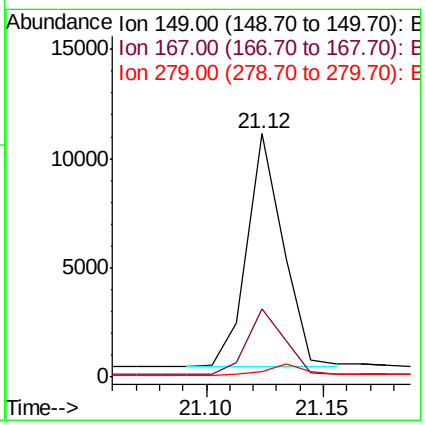


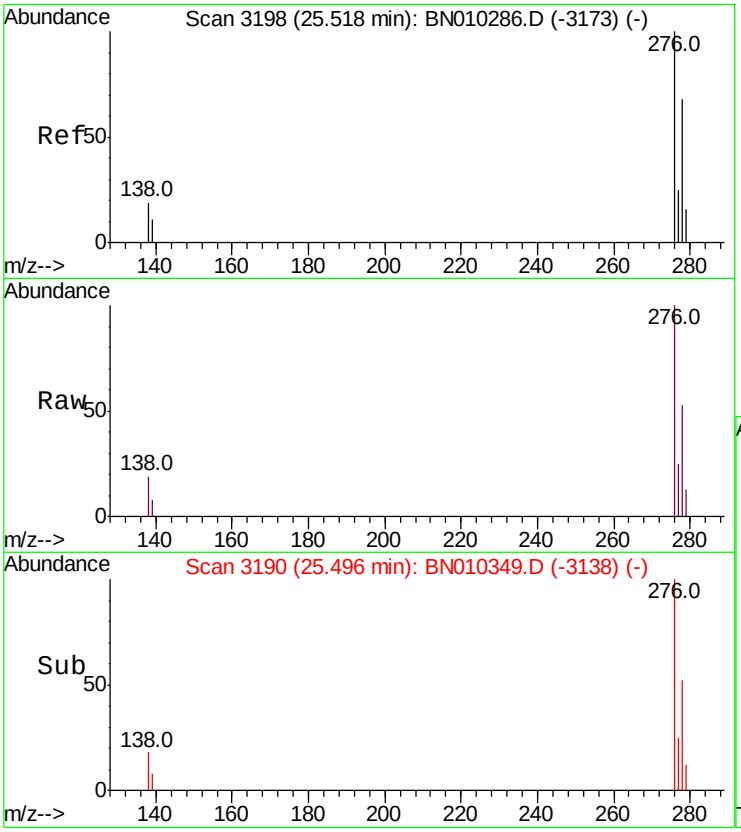


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.366 ng
RT: 21.12 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:149 Resp: 11533

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.6
279	4.5	3.8	5.8



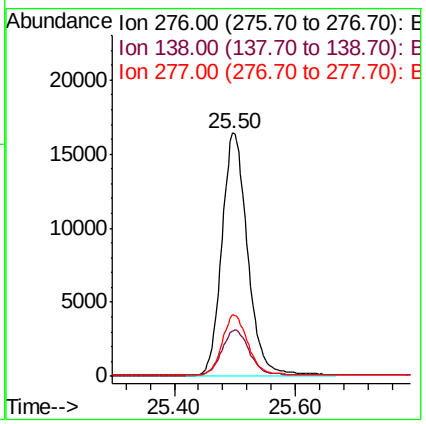


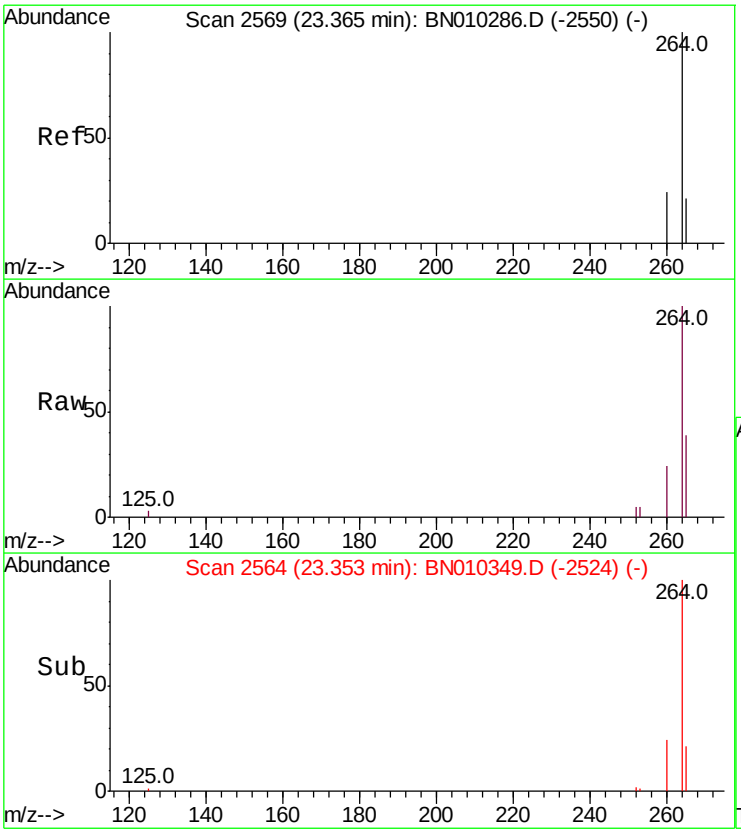
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng
RT: 25.50 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 48272

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.6	23.4
277	24.9	20.1	30.1

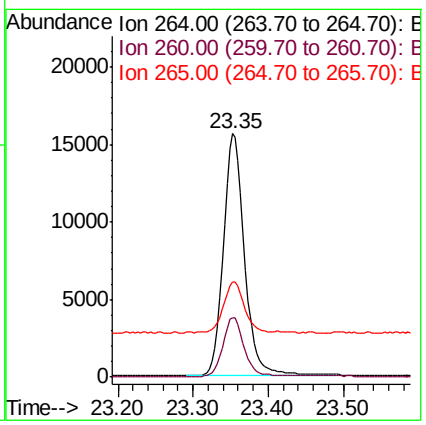


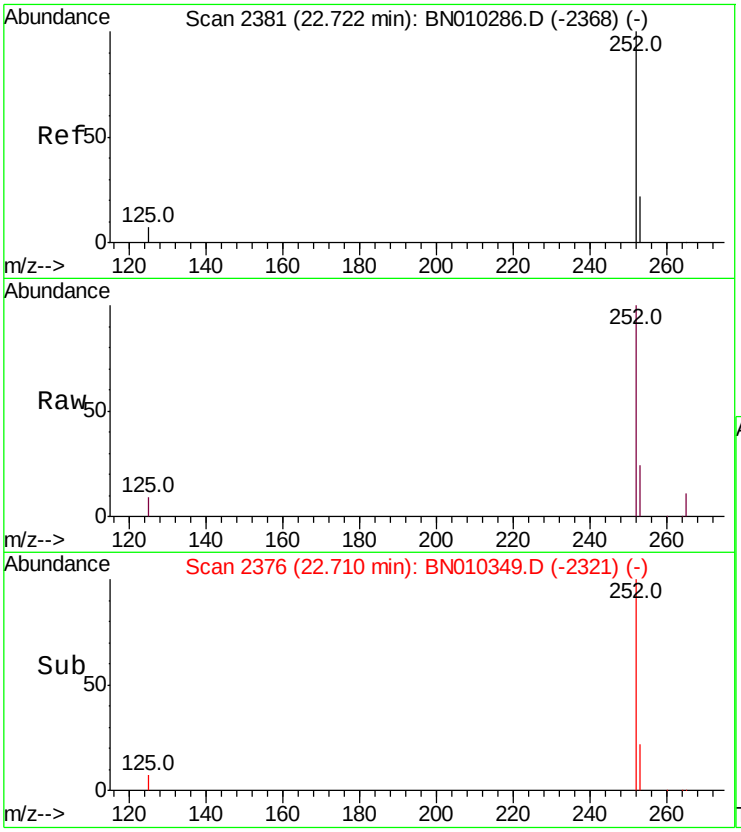


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:264 Resp: 30206

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	39.3	32.4	48.6



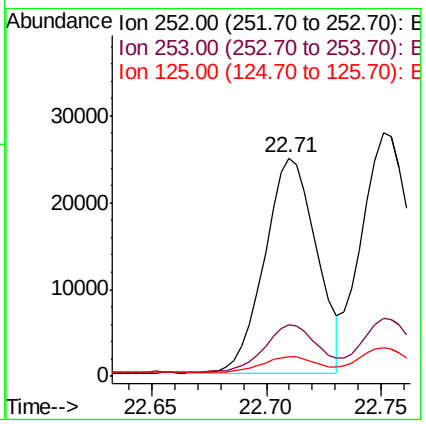


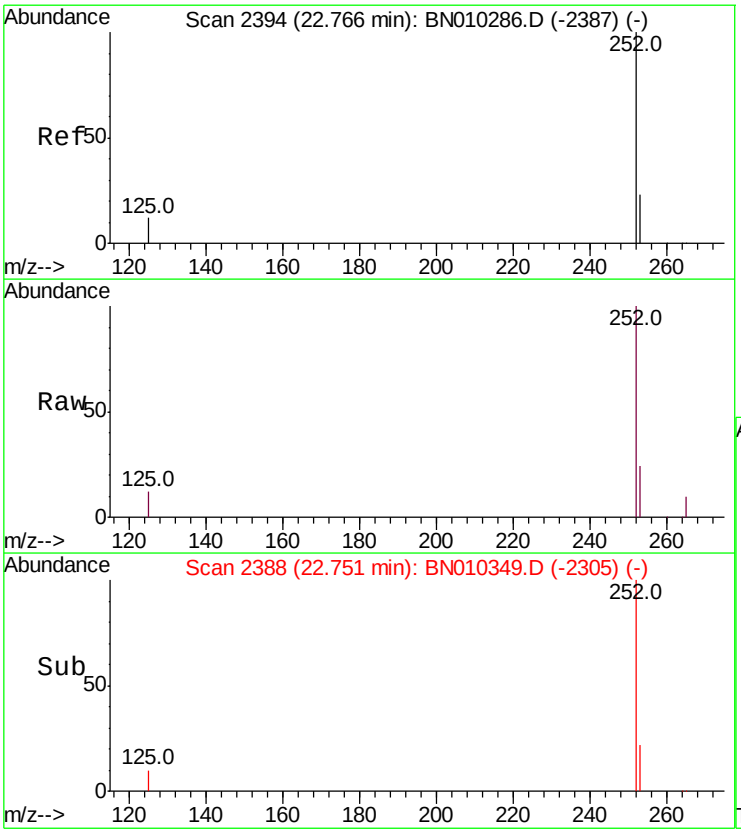
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 22.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 38992

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	9.0	7.4	11.0

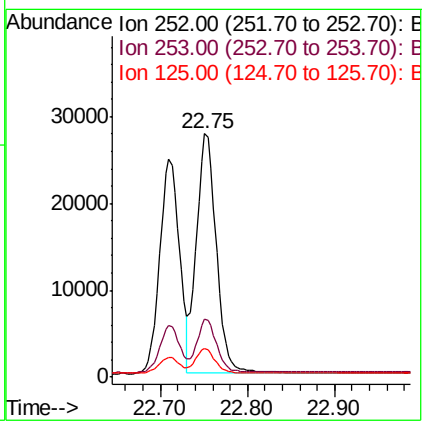


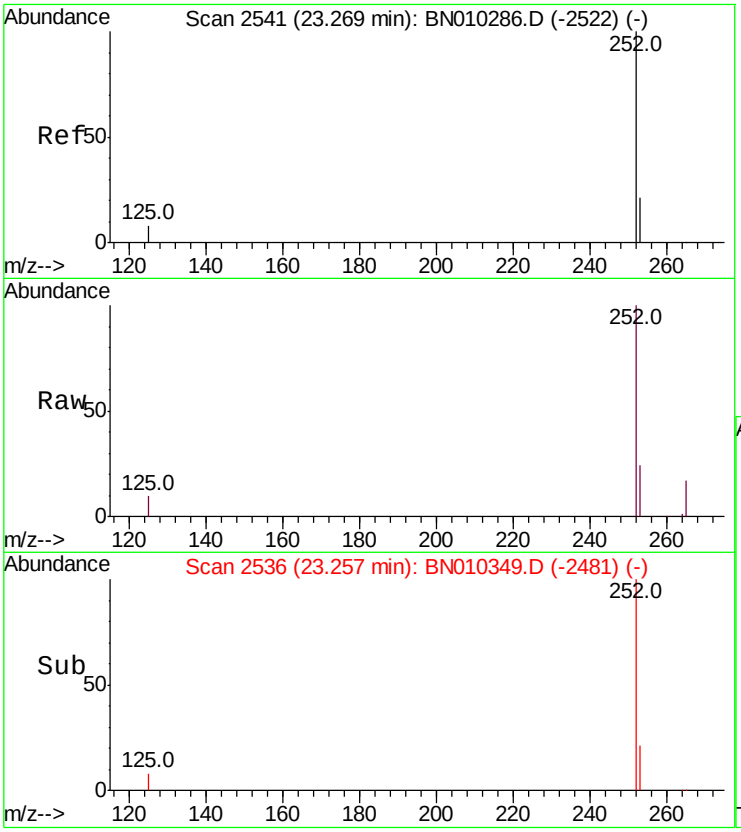


#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 22.75 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:252 Resp: 43904

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.0
125	11.8	10.2	15.2



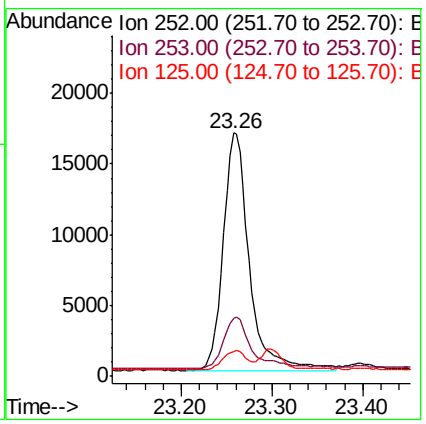


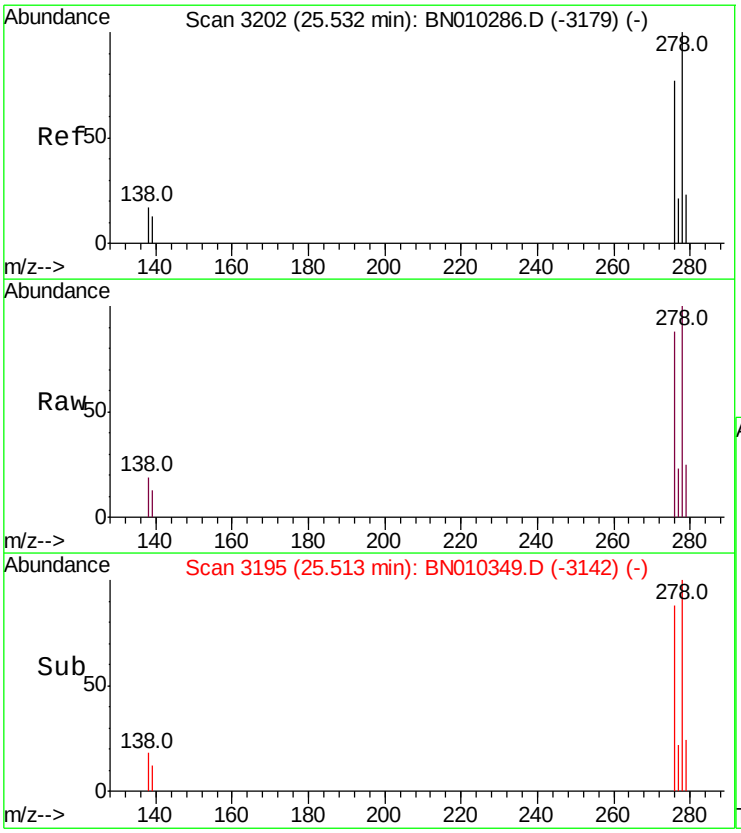
#37
Benzo(a)pyrene
Concen: 0.387 ng
RT: 23.26 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 33504

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.9	29.9
125	10.3	8.9	13.3

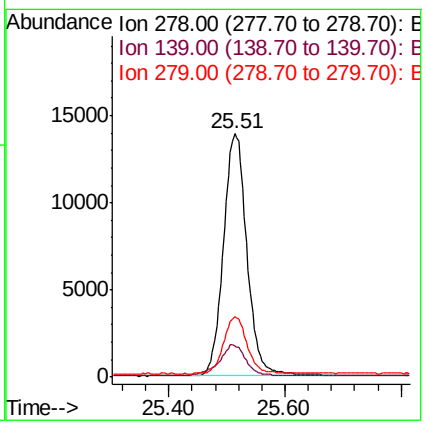


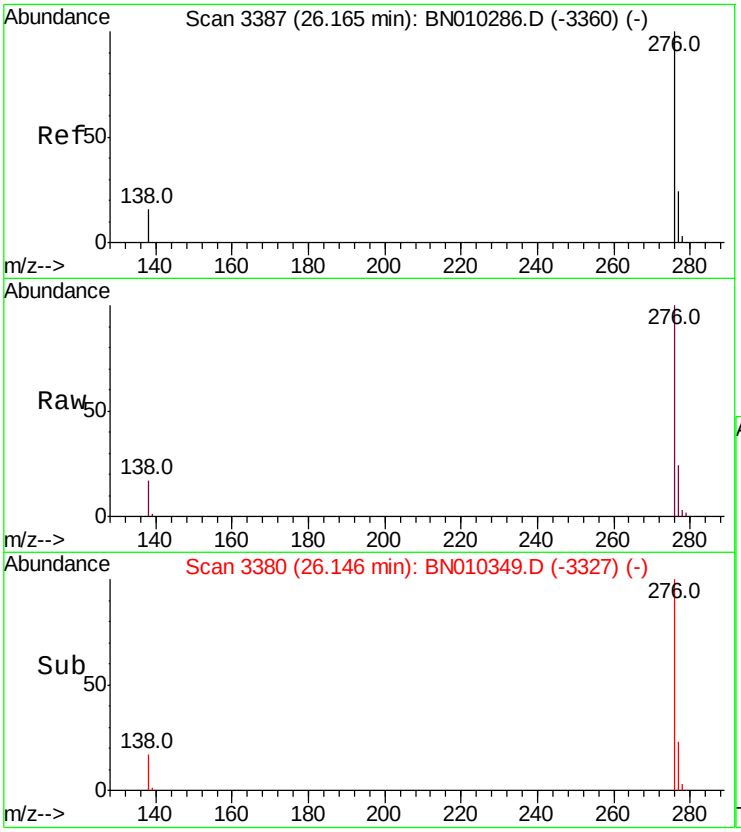


#38
Dibenzo(a,h)anthracene
Concen: 0.419 ng
RT: 25.51 min Scan# 3195
Delta R.T. -0.02 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Tgt Ion:278 Resp: 39264

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.6	16.0
279	24.9	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.397 ng
RT: 26.15 min Scan# 3380
Delta R.T. -0.02 min
Lab File: BN010349.D
Acq: 27 Mar 2020 13:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 37422

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	17.3	13.3	19.9