Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
Data File : BN010356.D
Acq On : 27 Mar 2020 17:45
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 27 18:20:34 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	6292	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	21690	0.40	ng		-0.01
13) Acenaphthene-d10	14.23	164	12776	0.40	ng		-0.02
19) Phenanthrene-d10	16.98	188	29840	0.40	ng		0.00
27) Chrysene-d12	21.19	240	29870	0.40	ng		0.00
34) Perylene-d12	23.35	264	30528	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	5093	0.41	ng		0.00
5) Phenol-d6	6.80	99	6396	0.41	ng		0.00
8) Nitrobenzene-d5	8.75	82	5714	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	15572	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	1779	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	20024	0.41	ng		0.00
25) Fluoranthene-d10	19.02	212	38834	0.43	ng		0.00
29) Terphenyl-d14	19.63	244	27148	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	2294	0.388	ng	#	82
3) n-Nitrosodimethylamine	3.55	42	1335	0.267	ng	#	49
6) bis(2-Chloroethyl)ether	7.05	93	6154	0.414	ng		92
9) Naphthalene	10.42	128	22083	0.408	ng		100
10) Hexachlorobutadiene	10.72	225	5562	0.424	ng	#	99
12) 2-Methylnaphthalene	12.04	142	15115	0.403	ng		100
16) Acenaphthylene	13.95	152	17962	0.358	ng		100
17) Acenaphthene	14.30	154	14337	0.401	ng		98
18) Fluorene	15.29	166	18471	0.389	ng		99
20) 4-Bromophenyl-phenylether	16.18	248	6748	0.373	ng		95
21) Hexachlorobenzene	16.30	284	7792	0.419	ng		98
22) Pentachlorophenol	16.64	266	2023	0.318	ng		95
23) Phenanthrene	17.02	178	32321	0.394	ng		100
24) Anthracene	17.11	178	25775	0.368	ng		100
26) Fluoranthene	19.05	202	39115	0.389	ng		100
28) Pyrene	19.41	202	40877	0.440	ng		99
30) Benzo(a)anthracene	21.17	228	36876	0.388	ng		99
31) Chrysene	21.22	228	41890	0.411	ng		100
32) Bis(2-ethylhexyl)phthalate	21.12	149	10977	0.342	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	50230	0.460	ng		100
35) Benzo(b)fluoranthene	22.71	252	40429	0.390	ng		99
36) Benzo(k)fluoranthene	22.75	252	44871	0.425	ng		99
37) Benzo(a)pyrene	23.26	252	34283	0.392	ng		99
38) Dibenzo(a,h)anthracene	25.51	278	40600	0.429	ng		100
39) Benzo(g,h,i)perylene	26.15	276	38733	0.407	ng		99

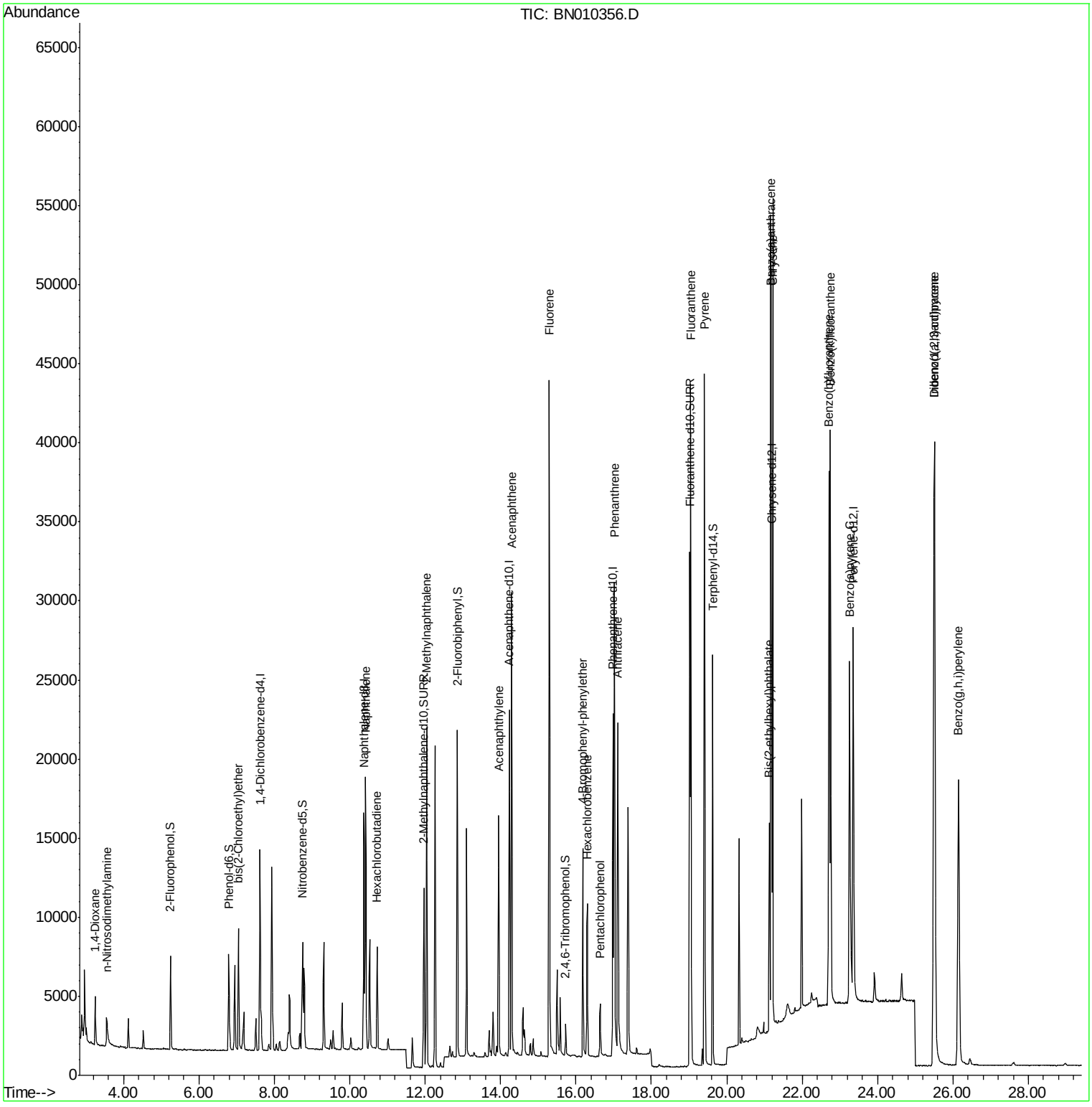
(#) = qualifier out of range (m) = manual integration (+) = signals summed

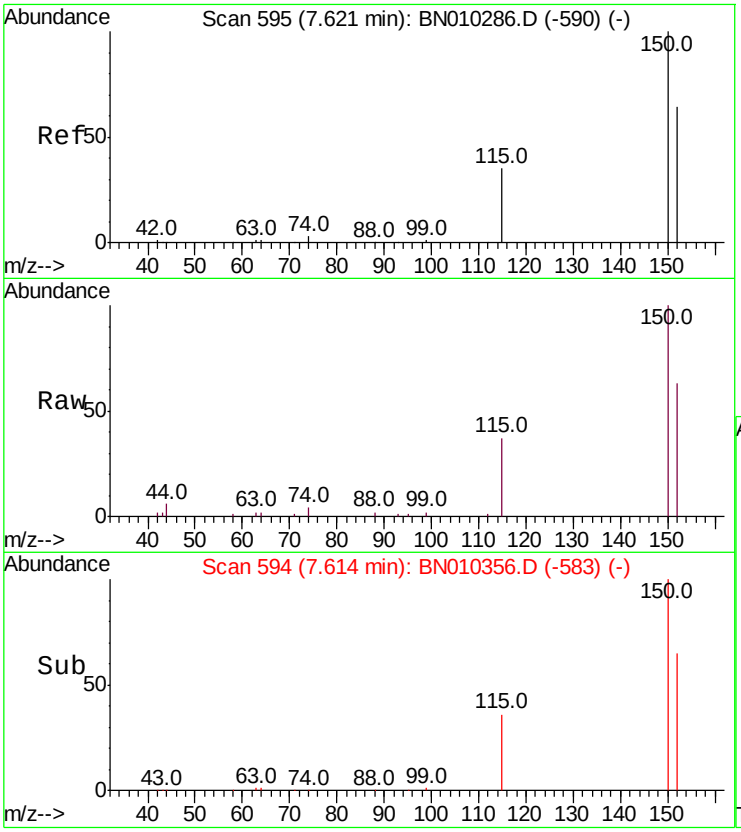
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN032720\
Data File : BN010356.D
Acq On : 27 Mar 2020 17:45
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 27 18:20:34 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



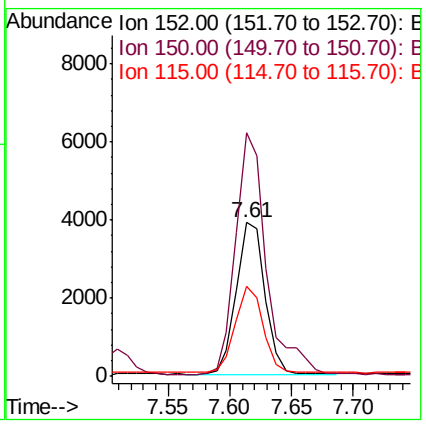


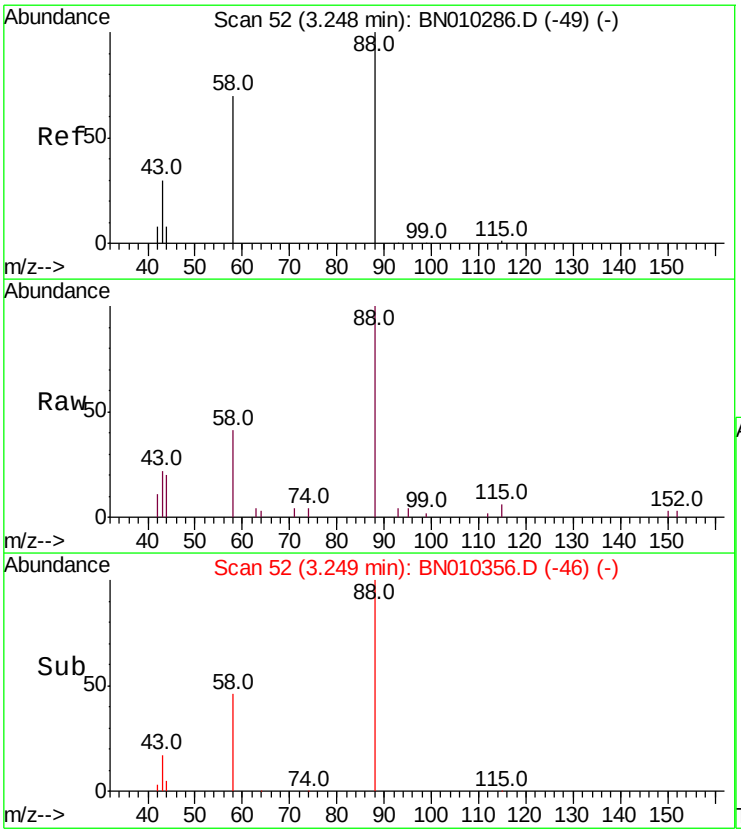
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6292

Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.1	184.7
115	58.1	45.2	67.8

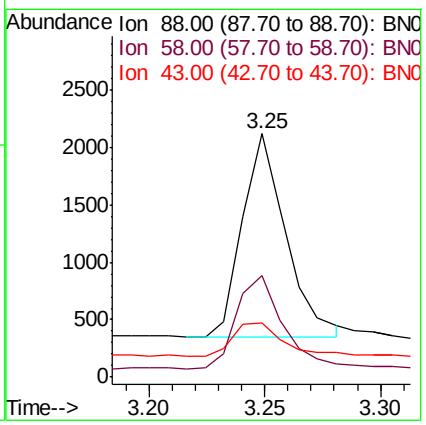


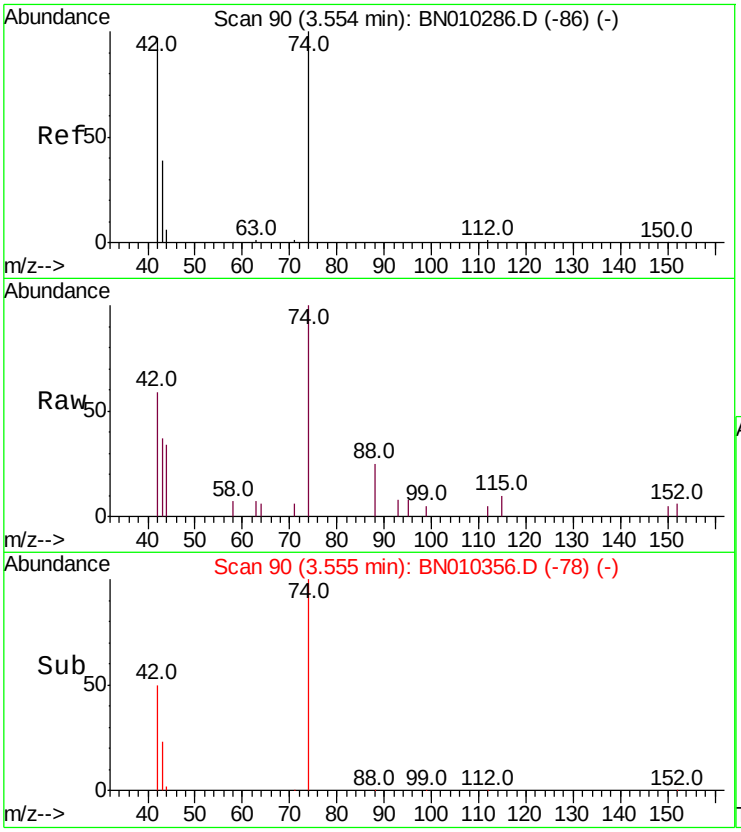


#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion: 88 Resp: 2294

Ion	Ratio	Lower	Upper
88	100		
58	49.0	51.7	77.5#
43	18.8	21.2	31.8#



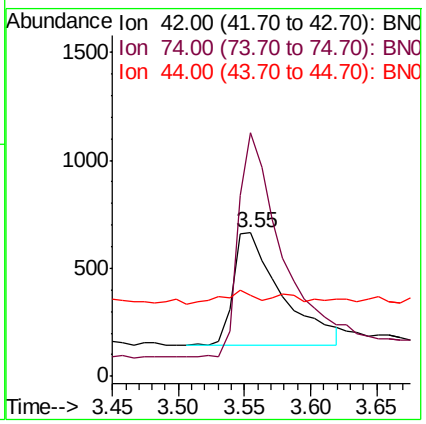


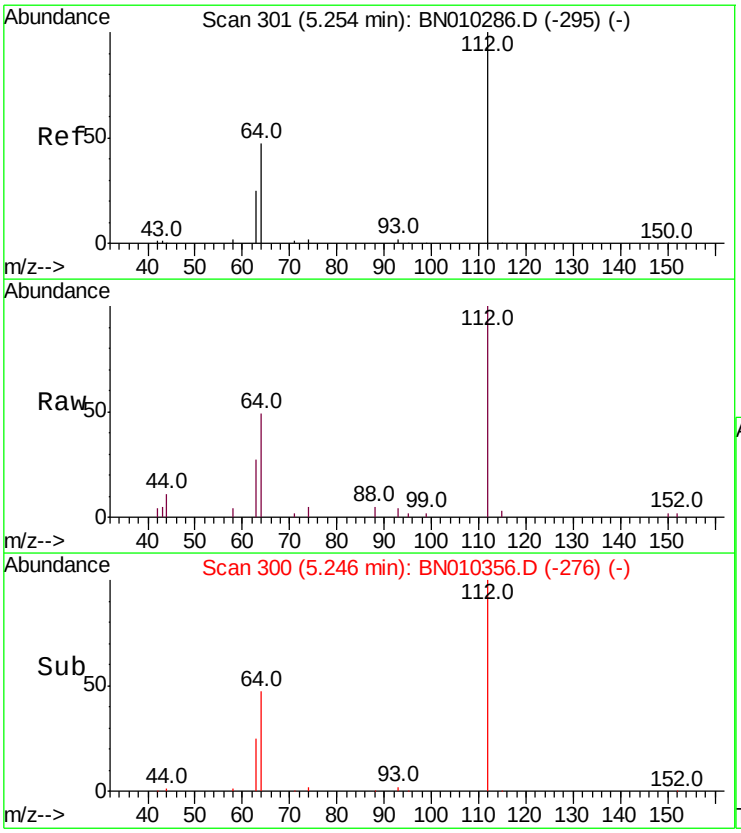
#3
n-Nitrosodimethylamine
Concen: 0.267 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1335

Ion	Ratio	Lower	Upper
42	100		
74	184.2	99.4	149.0#
44	7.6	4.8	7.2#

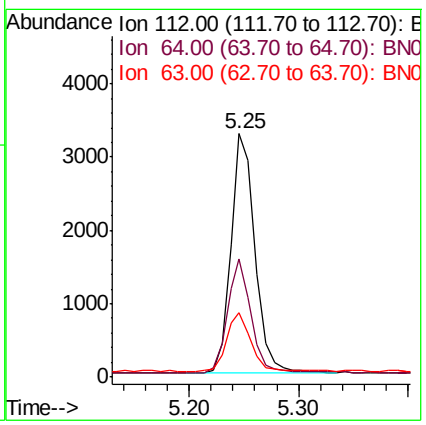


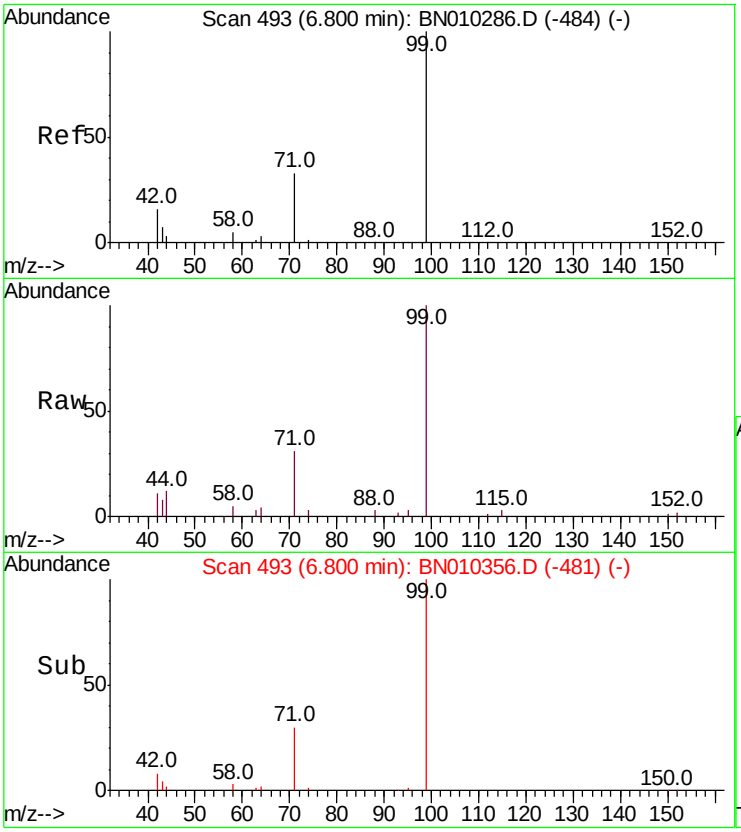


#4
2-Fluorophenol
Concen: 0.409 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:112 Resp: 5093

Ion	Ratio	Lower	Upper
112	100		
64	46.1	41.4	62.2
63	25.0	22.9	34.3



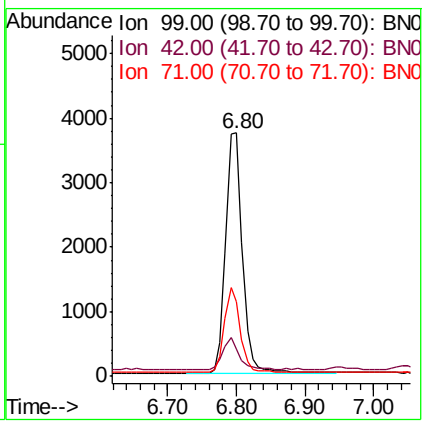


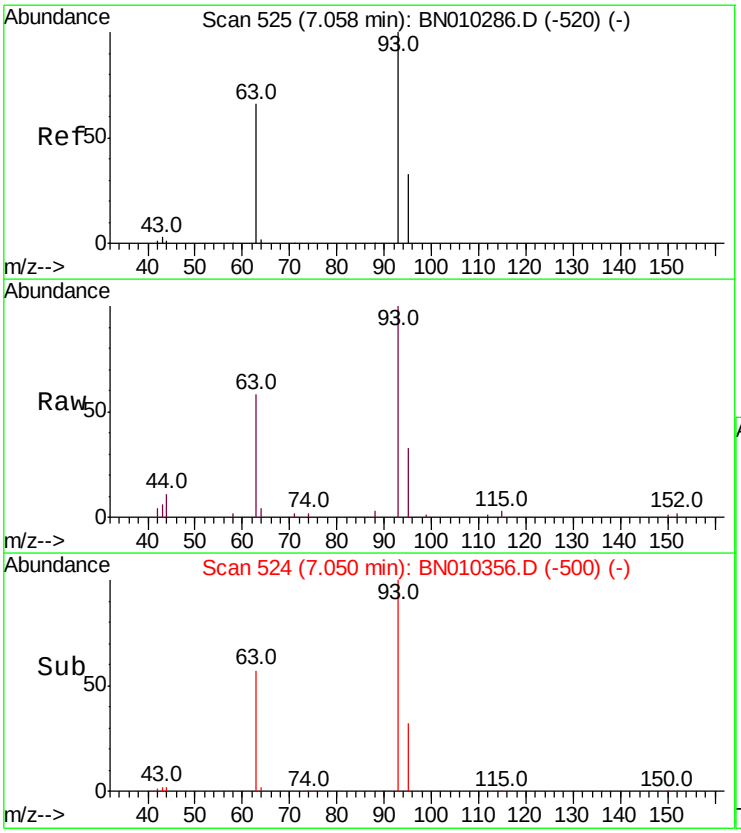
#5
Phenol-d6
Concen: 0.413 ng
RT: 6.80 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6396

Ion	Ratio	Lower	Upper
99	100		
42	12.8	14.8	22.2#
71	32.9	27.3	40.9

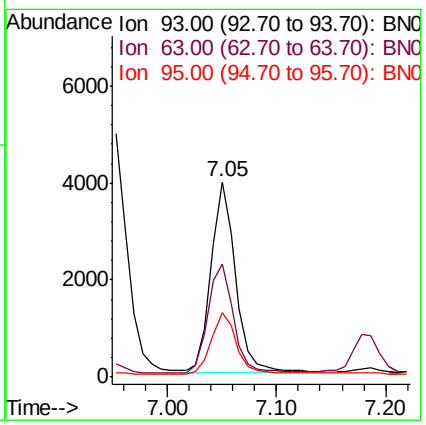


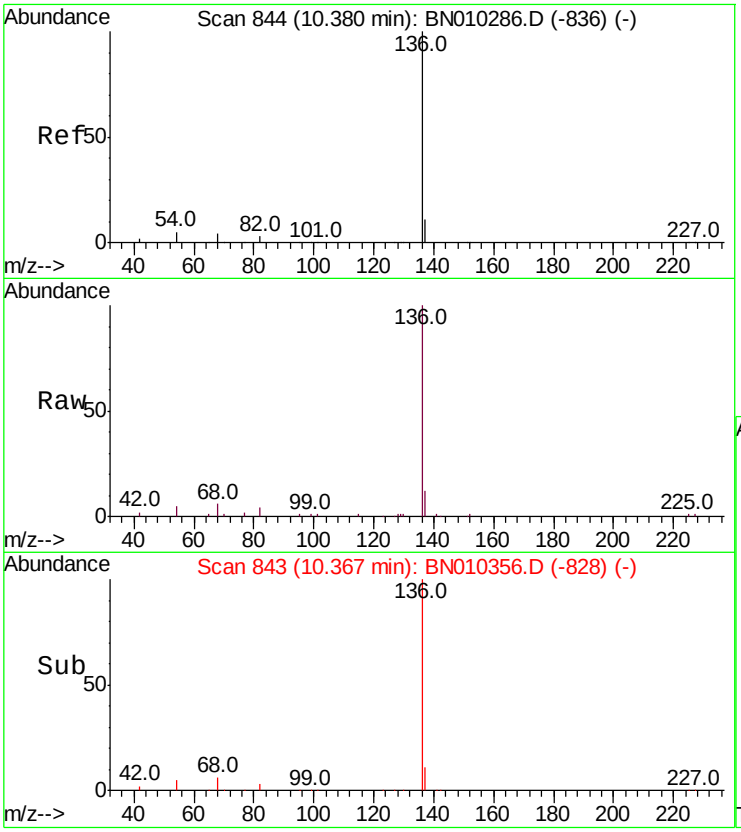


#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.05 min Scan# 524
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion: 93 Resp: 6154

Ion	Ratio	Lower	Upper
93	100		
63	59.9	55.6	83.4
95	33.2	26.2	39.4



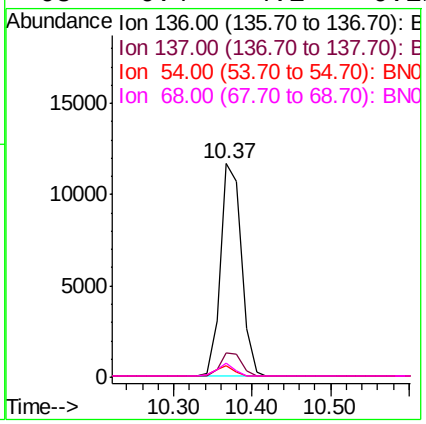


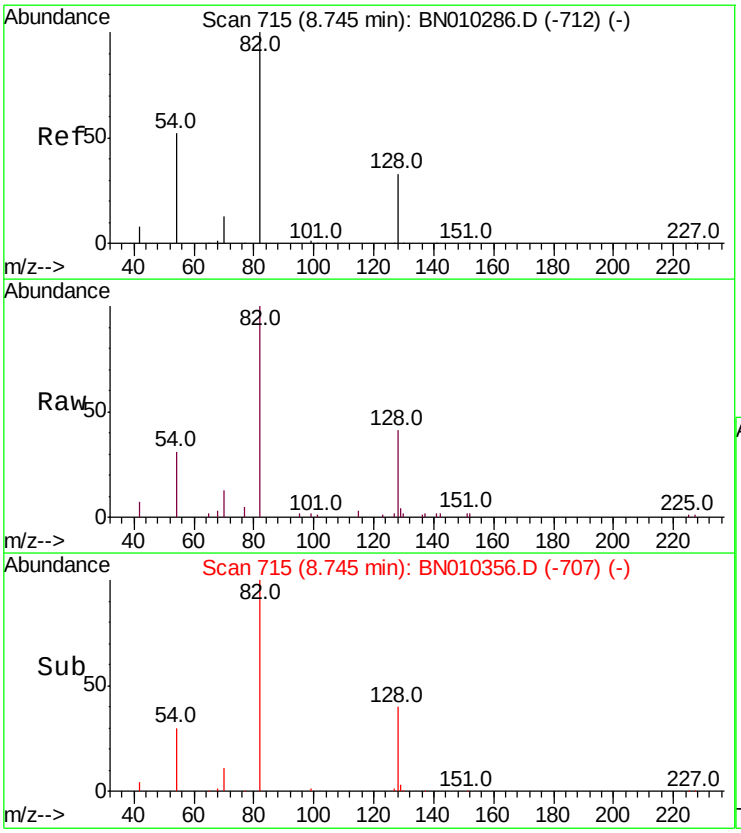
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 21690

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	5.3	4.8	7.2
68	6.4	4.1	6.1#

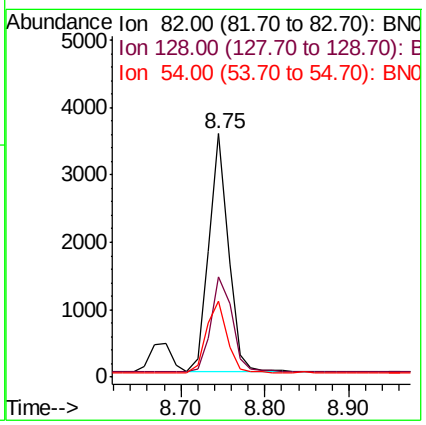


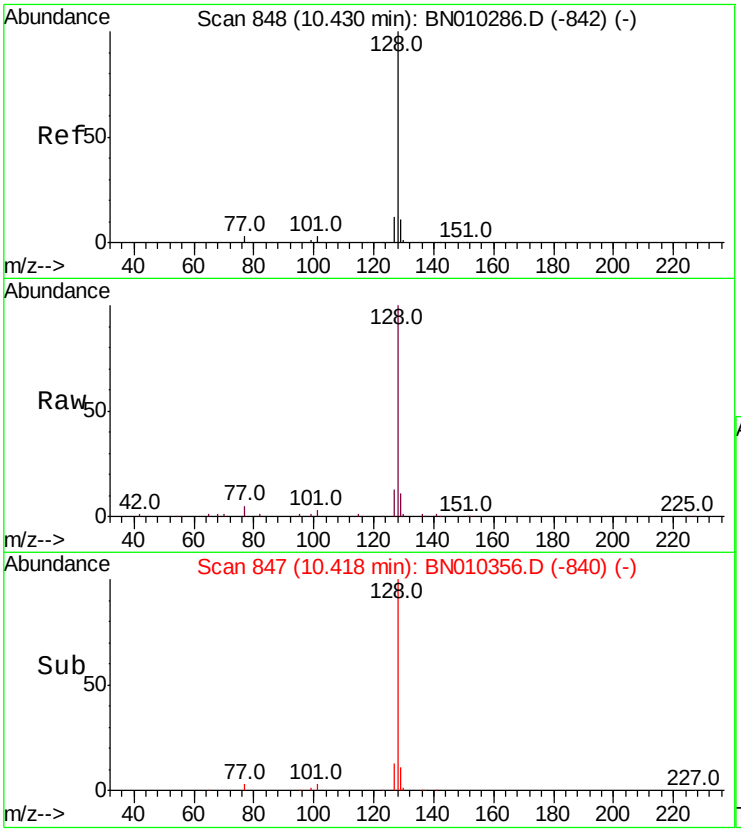


#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.75 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion: 82 Resp: 5714

Ion	Ratio	Lower	Upper
82	100		
128	41.3	28.8	43.2
54	31.3	42.1	63.1#



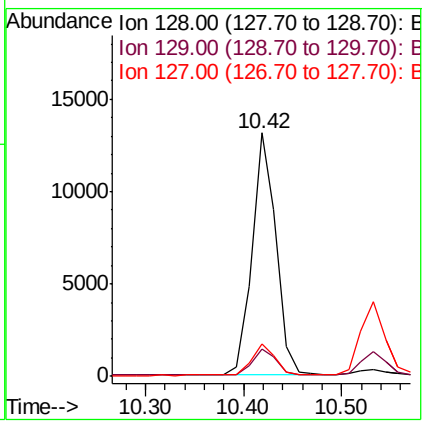


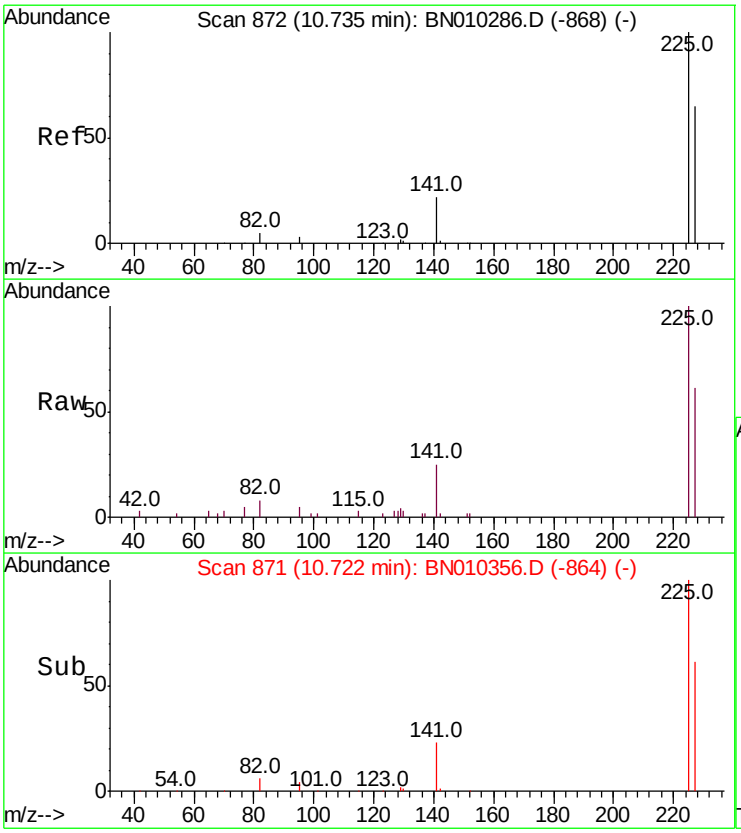
#9
Naphthalene
Concen: 0.408 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 22083

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.1	10.4	15.6

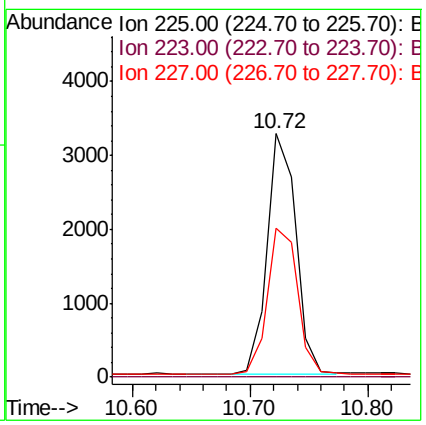


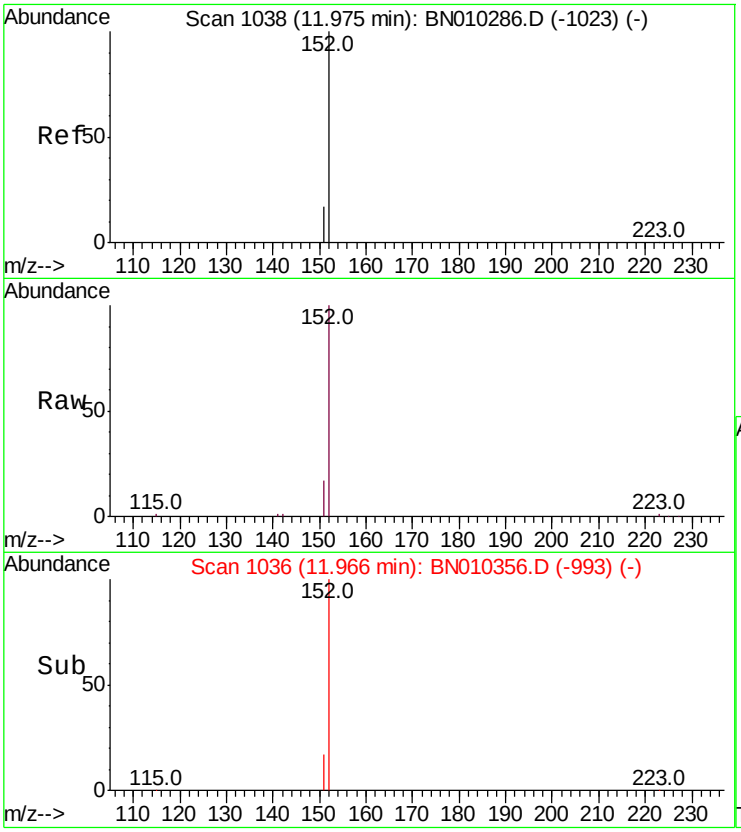


#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 10.72 min Scan# 871
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:225 Resp: 5562

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.9	77.9



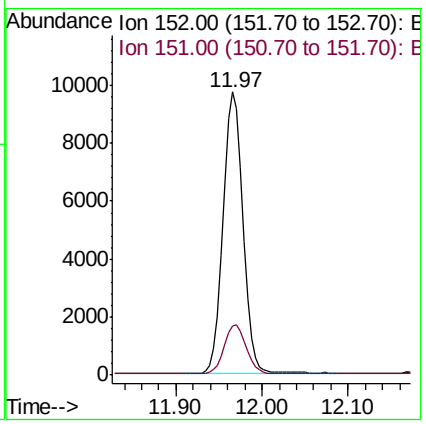


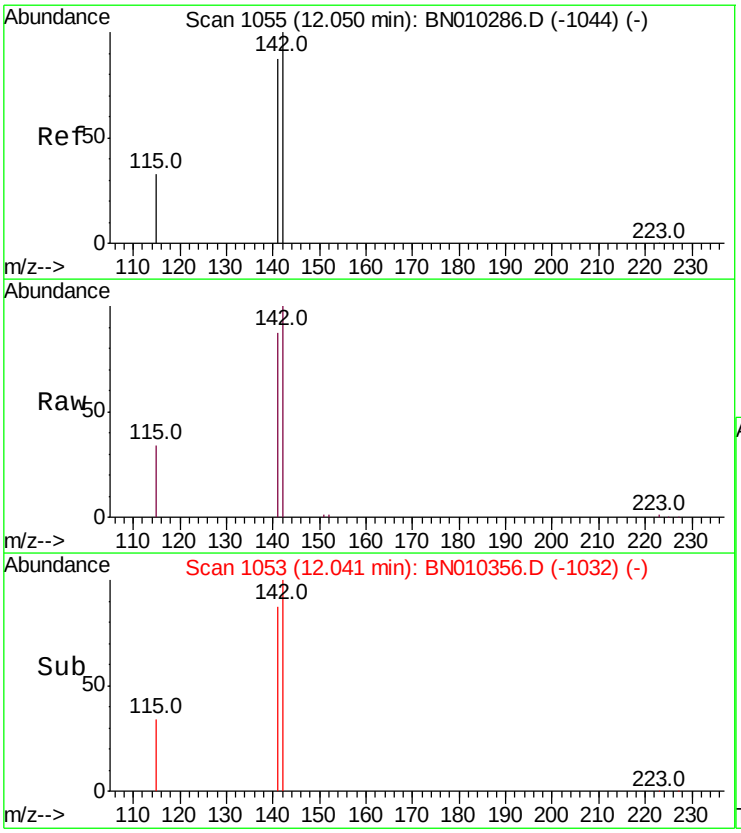
#11
2-Methylnaphthalene-d10
Concen: 0.450 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 15572

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2

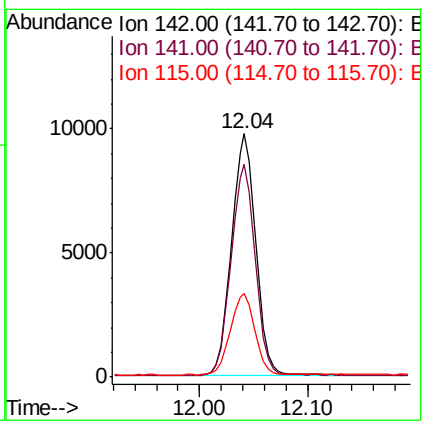


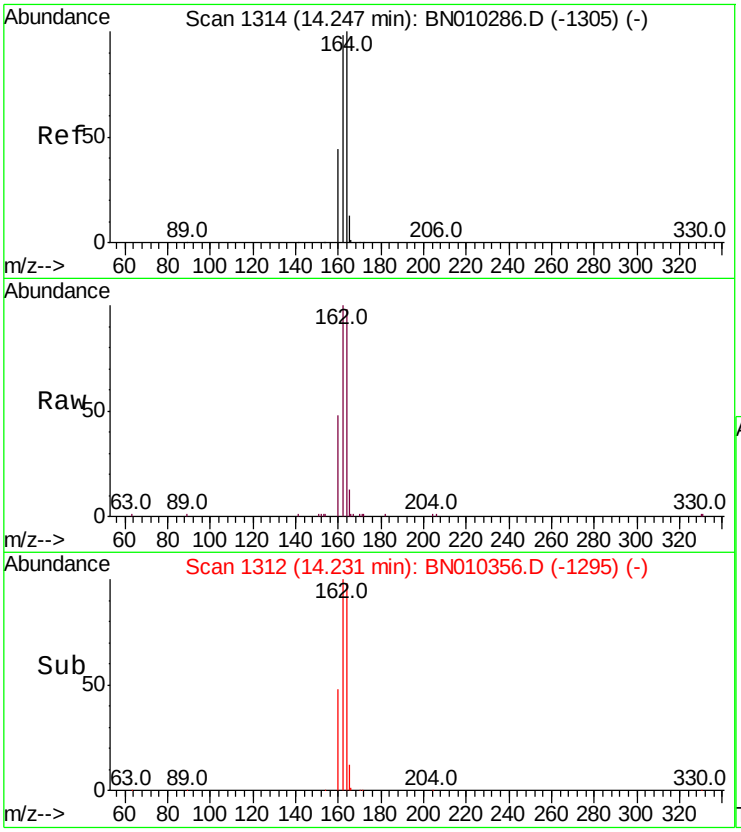


#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:142 Resp: 15115

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.5	104.3
115	34.3	27.5	41.3



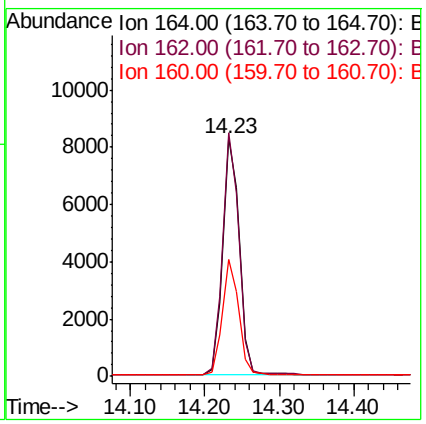


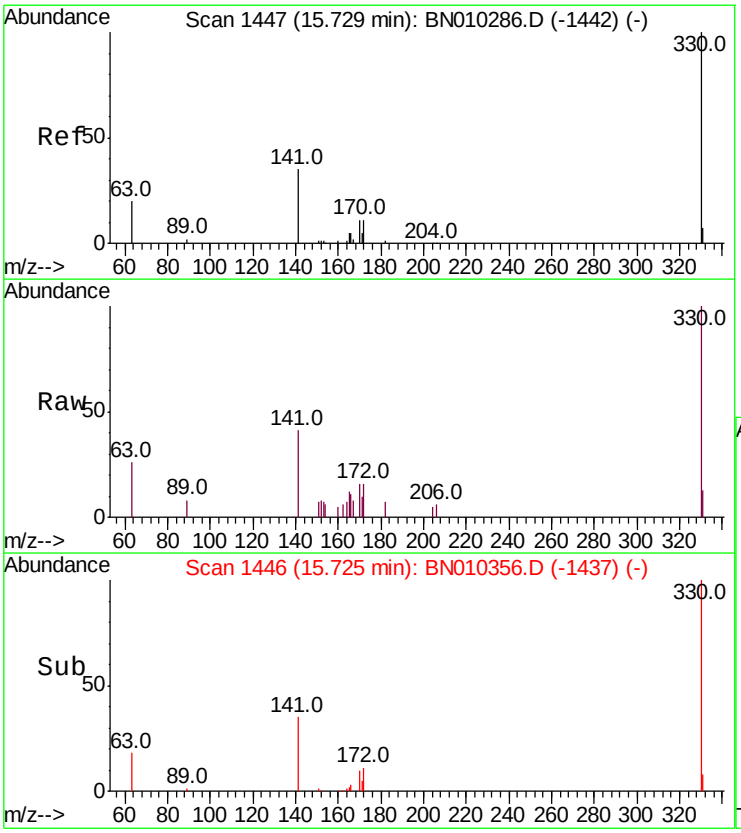
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.23 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 12776

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.2	117.2
160	48.9	35.8	53.6

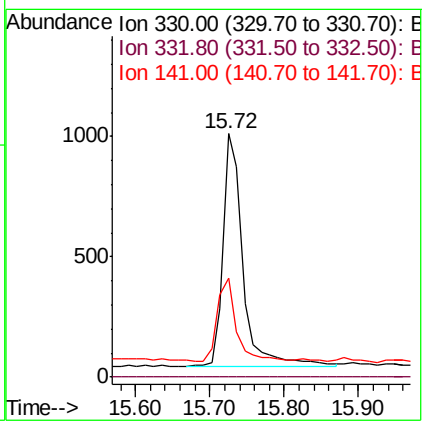


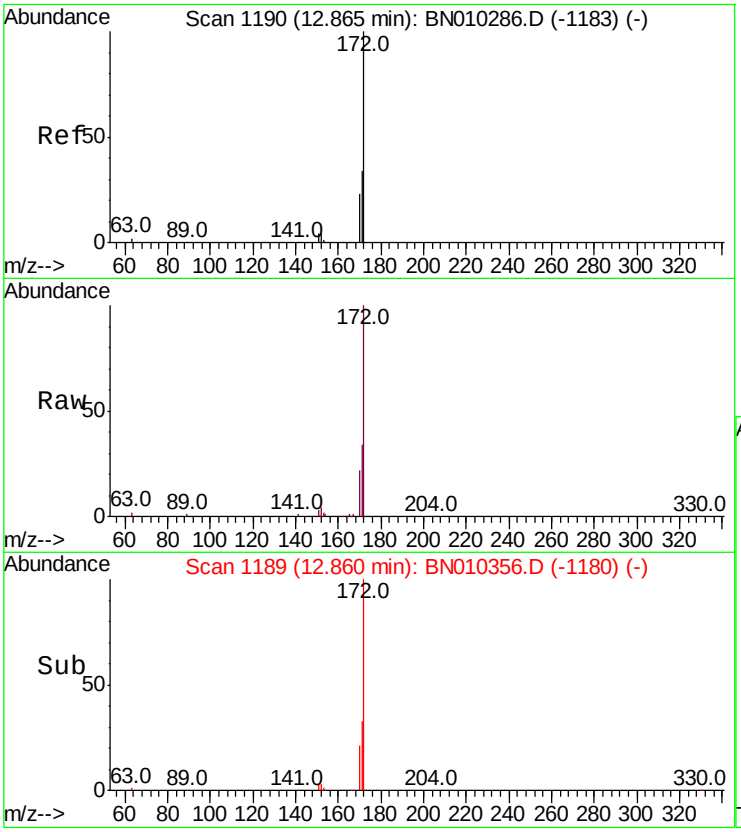


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.72 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:330 Resp: 1779

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.3	29.3	43.9



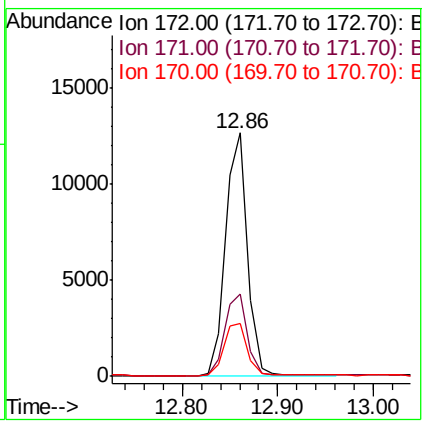


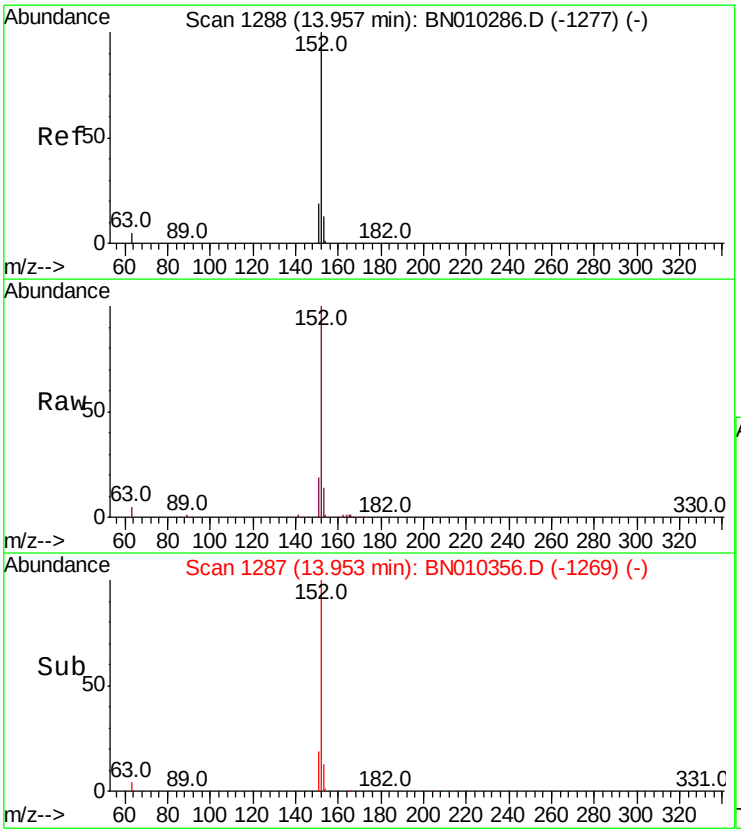
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 20024

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.6	41.4
170	21.8	18.5	27.7

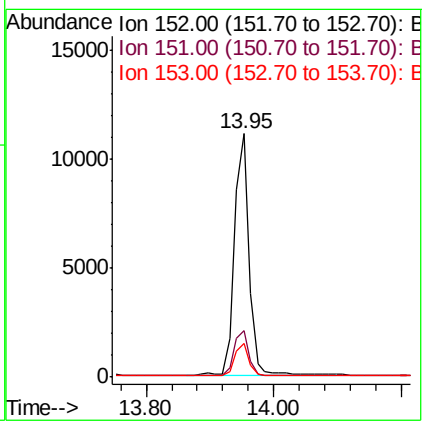


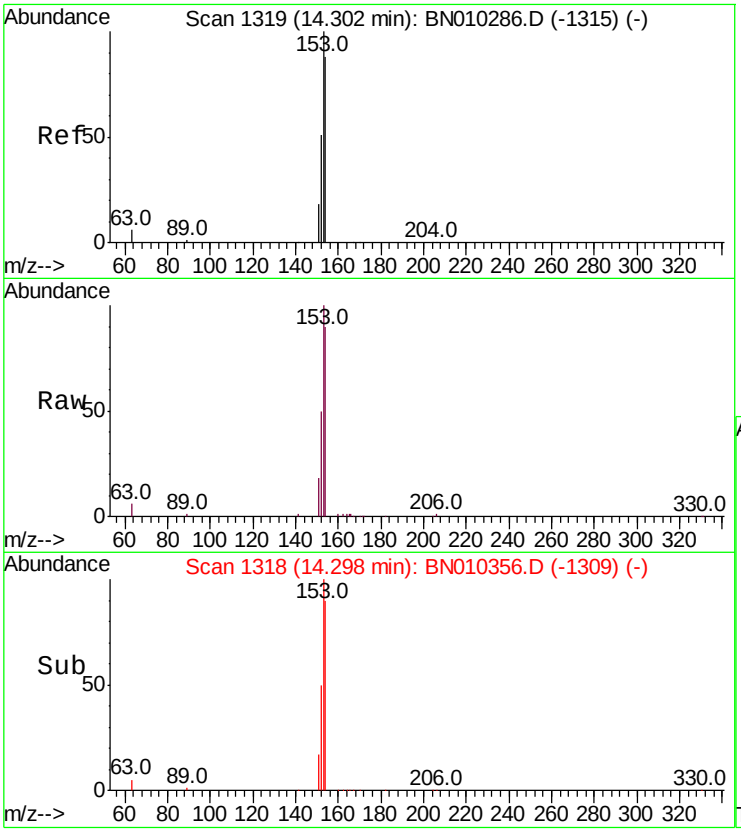


#16
Acenaphthylene
Concen: 0.358 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:152 Resp: 17962

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.3	10.6	15.8



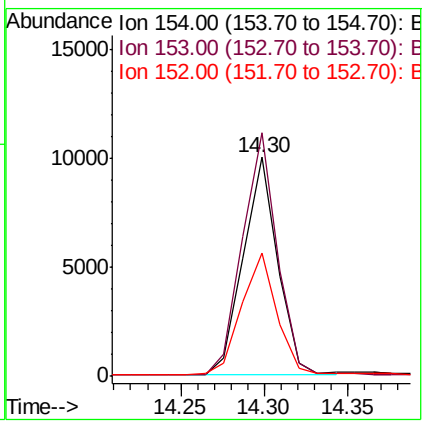


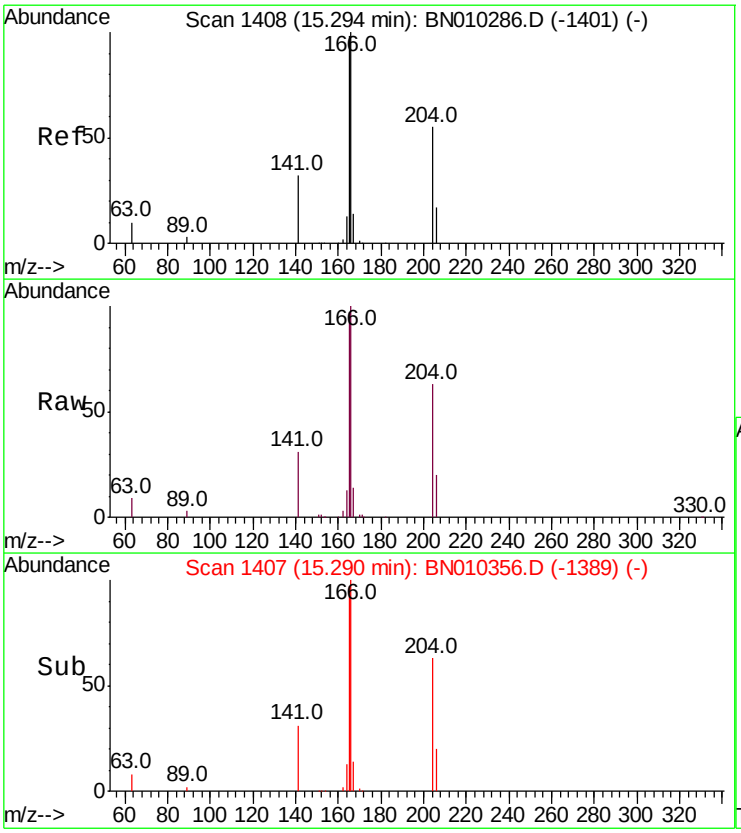
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.30 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 14337

Ion	Ratio	Lower	Upper
154	100		
153	112.7	88.1	132.1
152	57.1	45.5	68.3

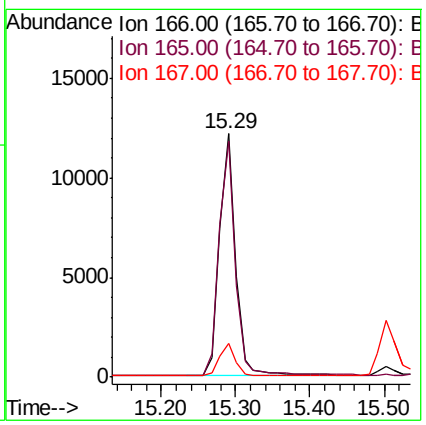


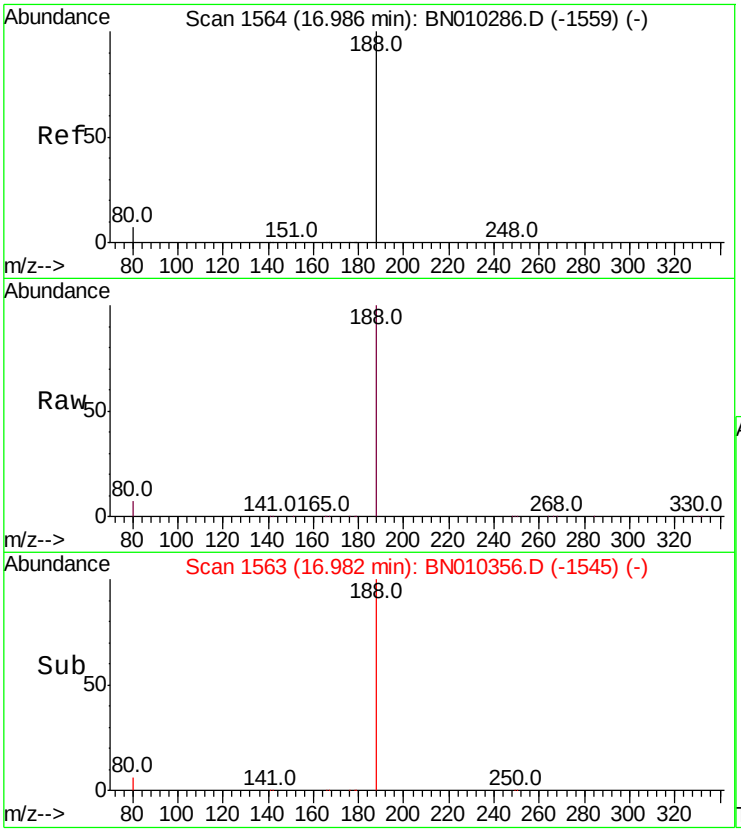


#18
Fluorene
Concen: 0.389 ng
RT: 15.29 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:166 Resp: 18471

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.7	118.1
167	13.8	11.0	16.4



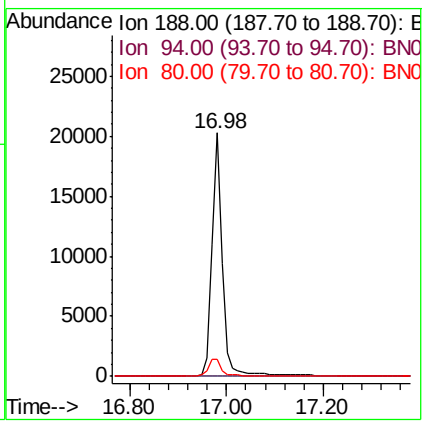


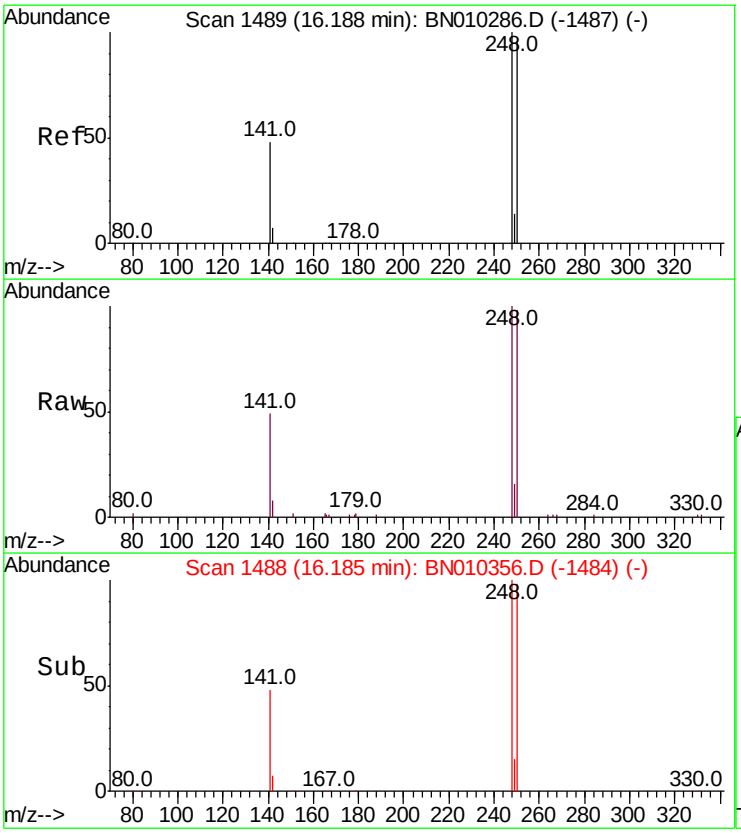
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 29840

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

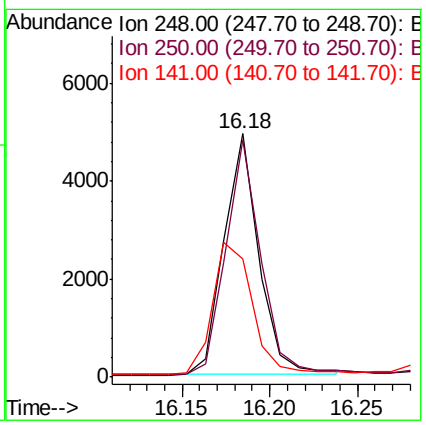


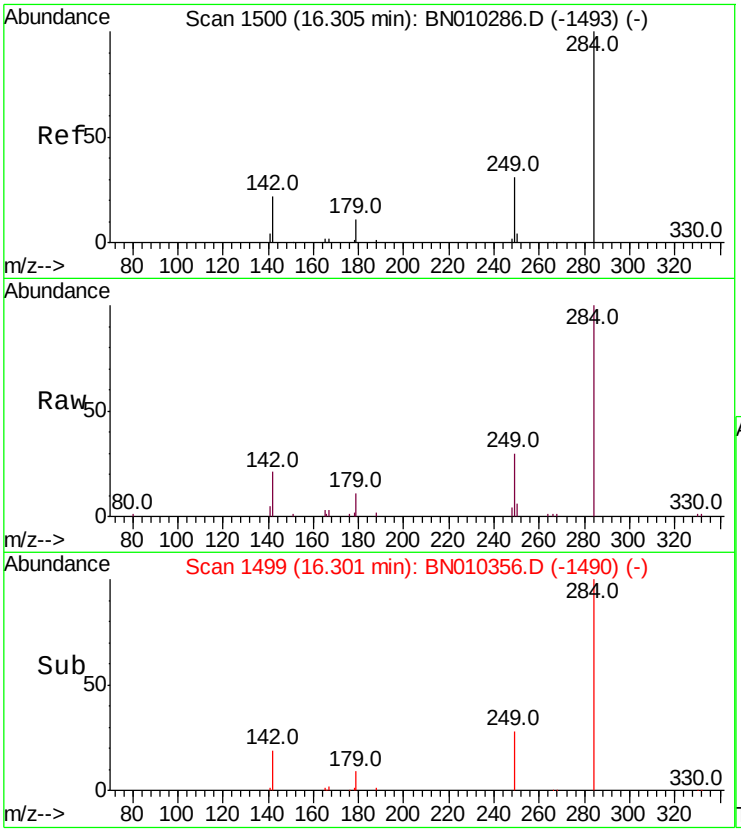


#20
4-Bromophenyl-phenylether
Concen: 0.373 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:248 Resp: 6748

Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.8	115.2
141	48.7	44.4	66.6



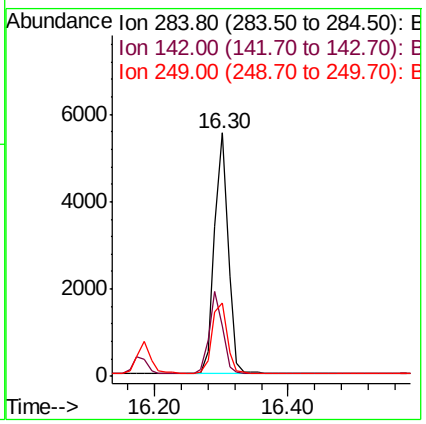


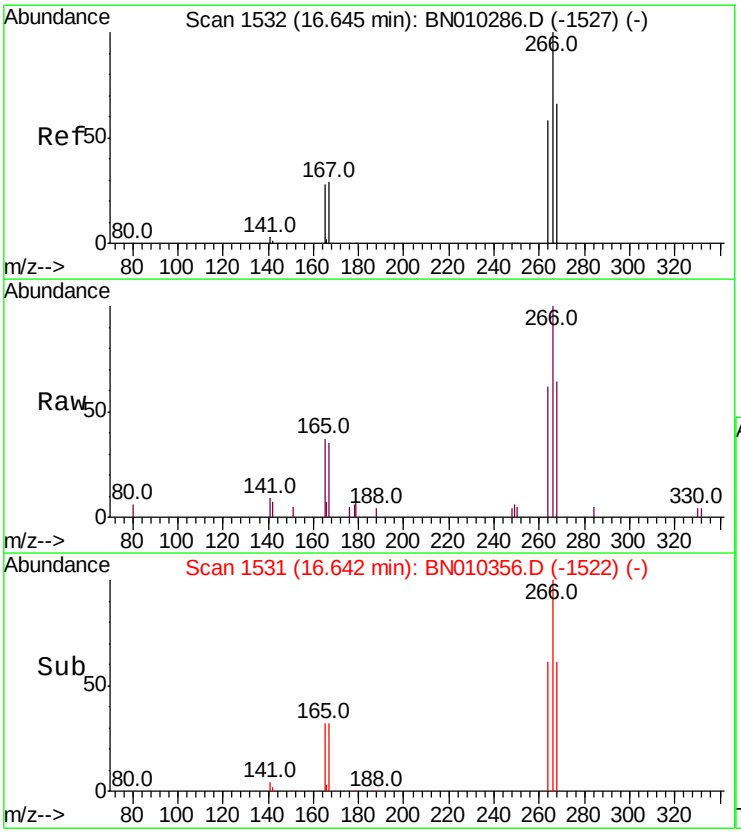
#21
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.30 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 7792

Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.4	41.2
249	31.7	26.5	39.7

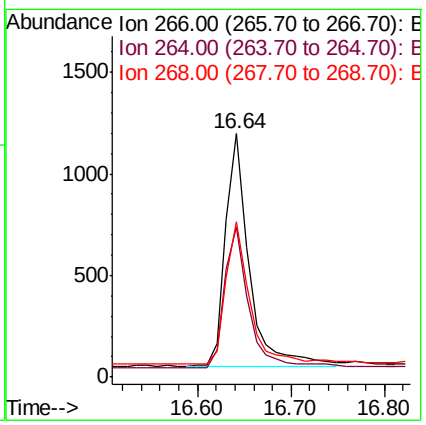


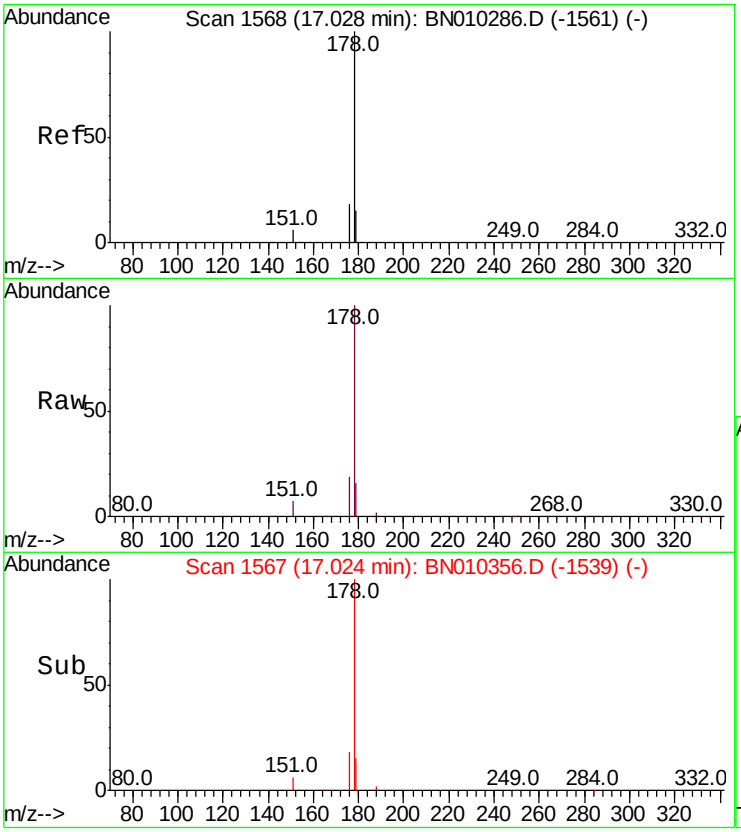


#22
Pentachlorophenol
Concen: 0.318 ng
RT: 16.64 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:266 Resp: 2023

Ion	Ratio	Lower	Upper
266	100		
264	61.8	47.7	71.5
268	63.8	54.9	82.3



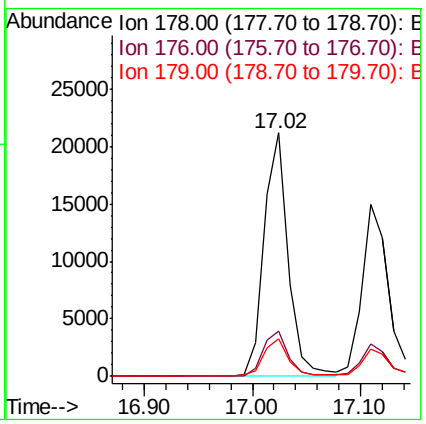


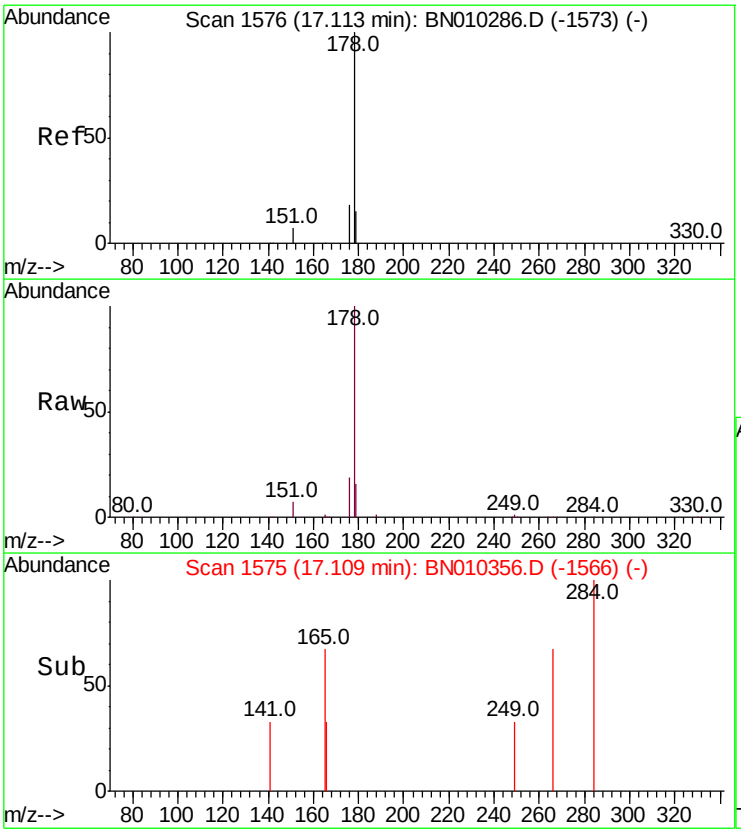
#23
Phenanthrene
Concen: 0.394 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 32321

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.4	18.6

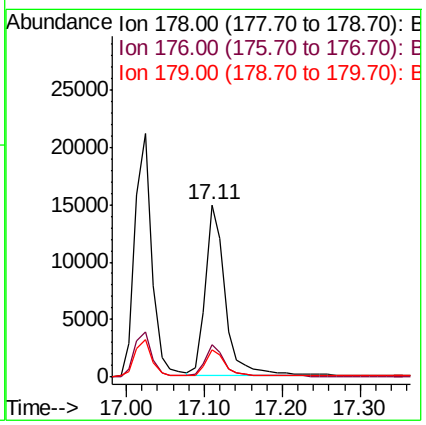


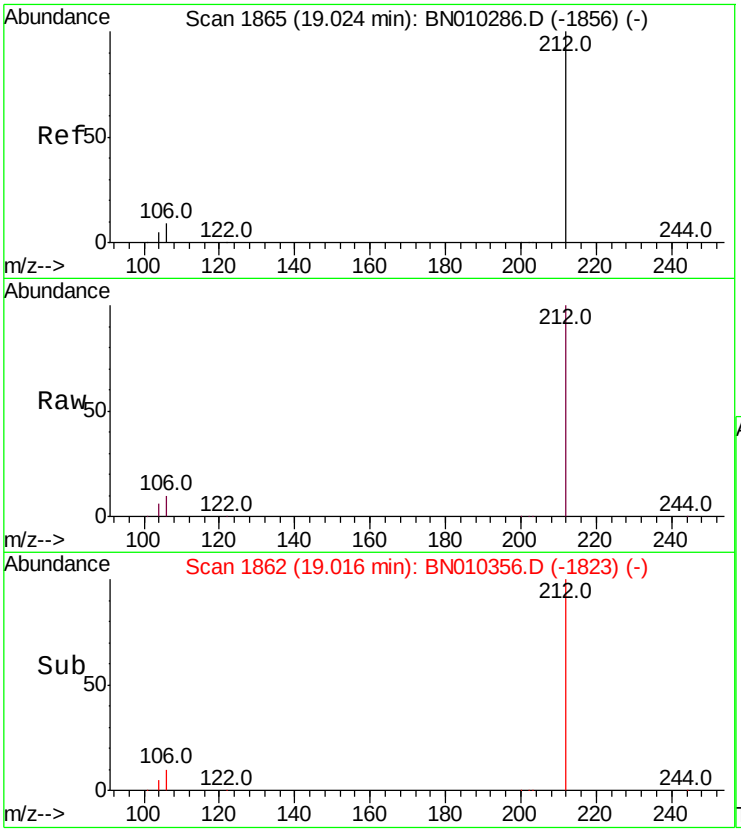


#24
Anthracene
Concen: 0.368 ng
RT: 17.11 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:178 Resp: 25775

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.2	12.3	18.5



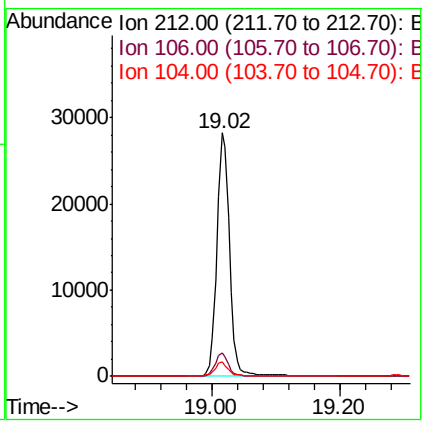


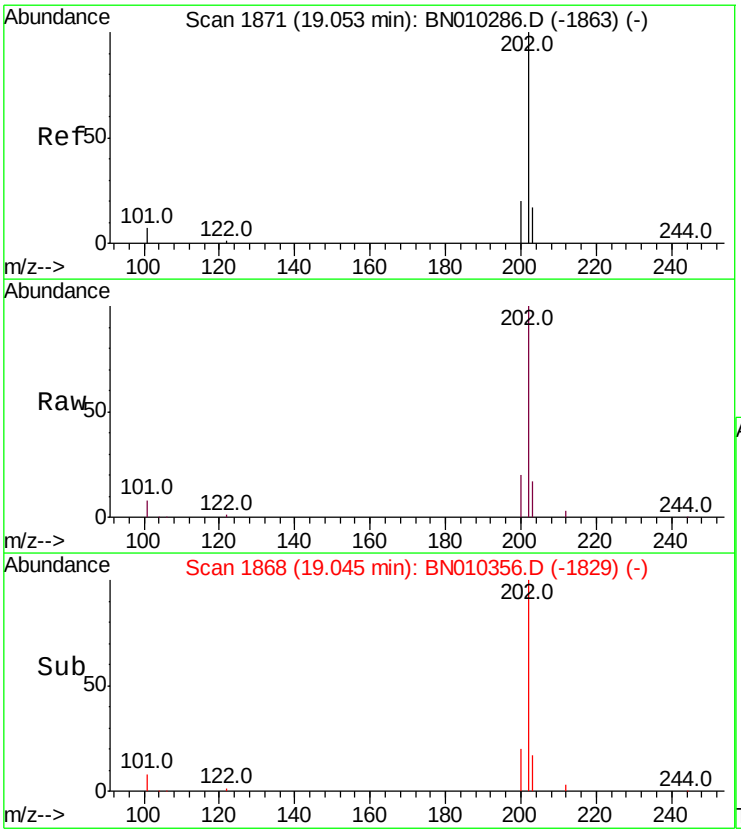
#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.02 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 38834

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

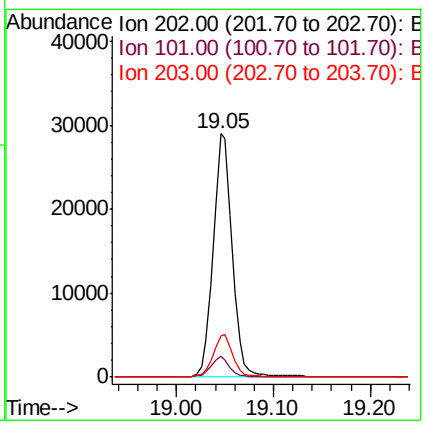


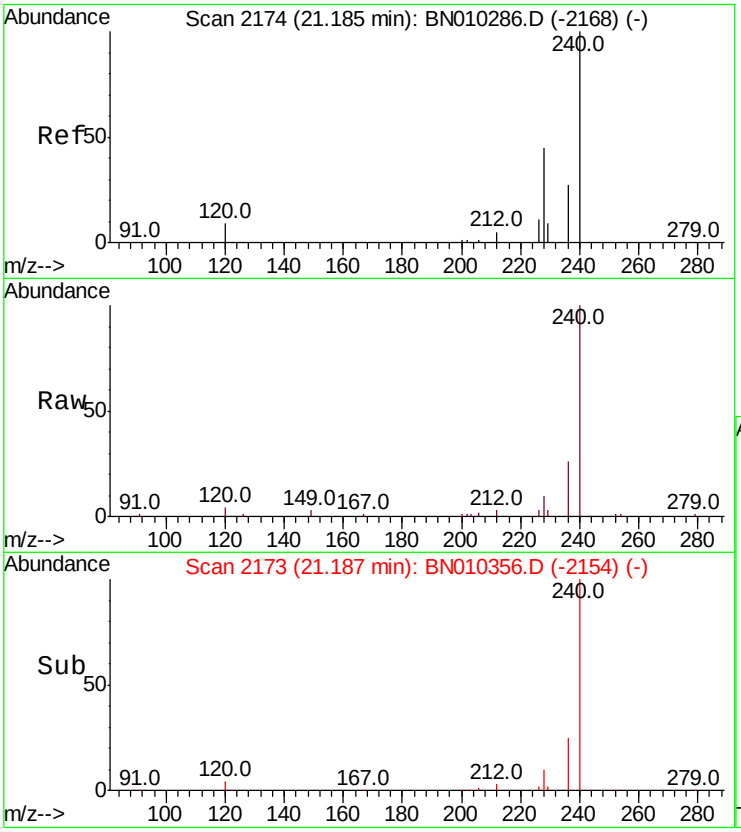


#26
Fluoranthene
Concen: 0.389 ng
RT: 19.05 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:202 Resp: 39115

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	9.8
203	17.4	13.8	20.8



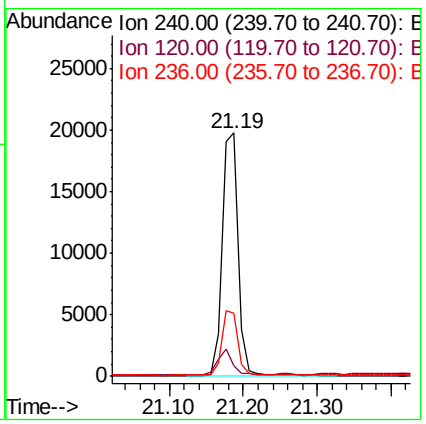


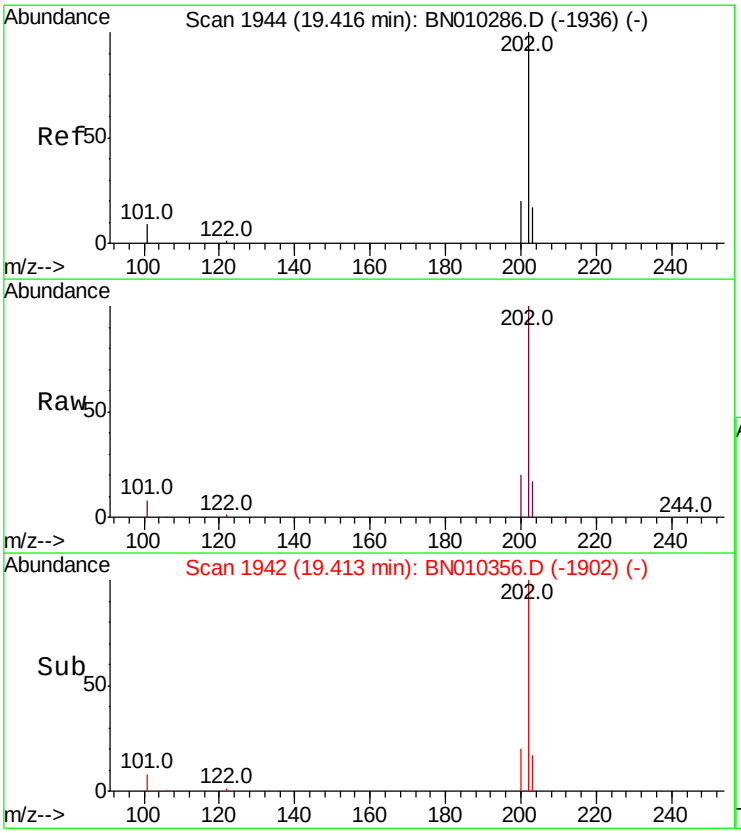
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 29870

Ion	Ratio	Lower	Upper
240	100		
120	4.3	7.9	11.9#
236	25.7	22.2	33.4

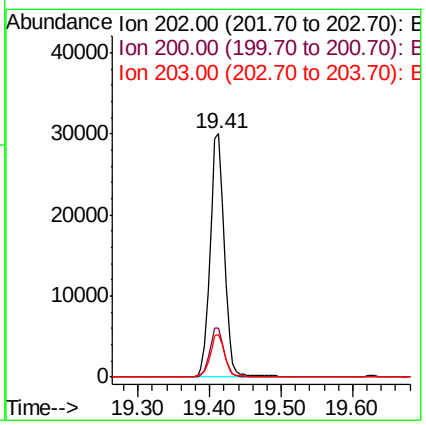


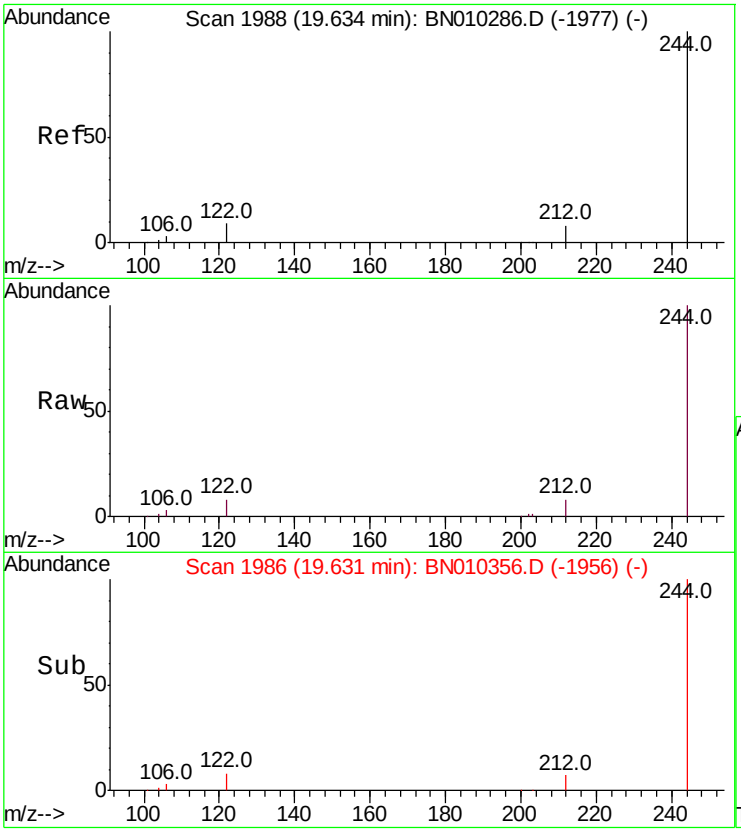


#28
Pyrene
Concen: 0.440 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:202 Resp: 40877

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.4	14.2	21.2



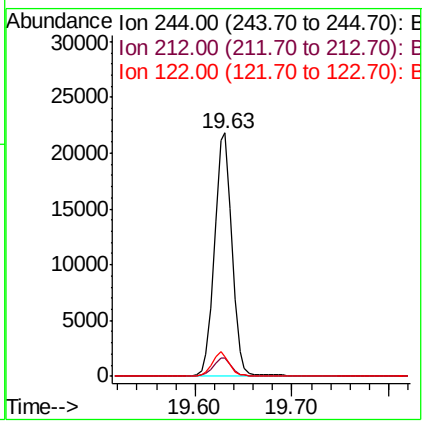


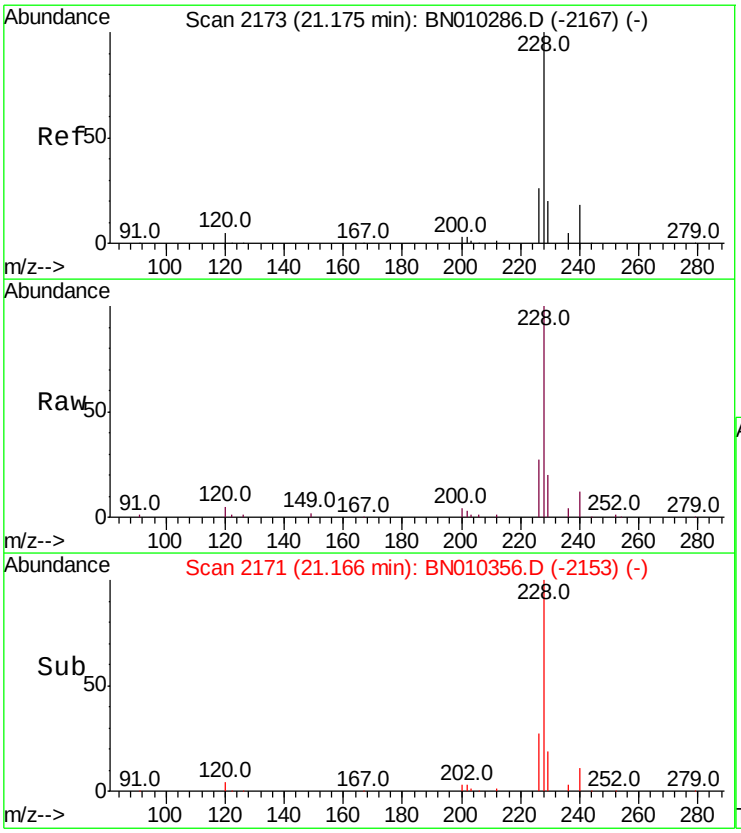
#29
Terphenyl-d14
Concen: 0.421 ng
RT: 19.63 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 27148

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	8.3	7.6	11.4

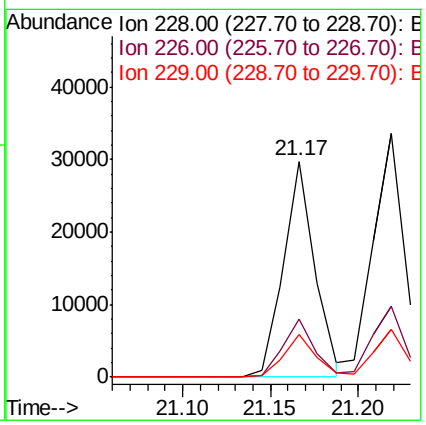


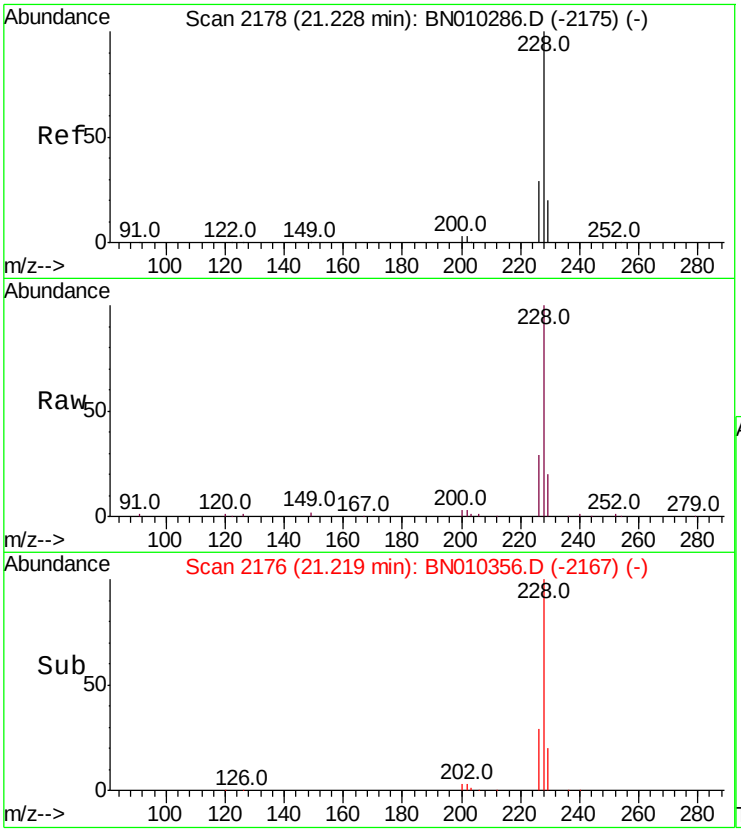


#30
Benzo(a)anthracene
Concen: 0.388 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:228 Resp: 36876

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.4
229	19.7	16.0	24.0



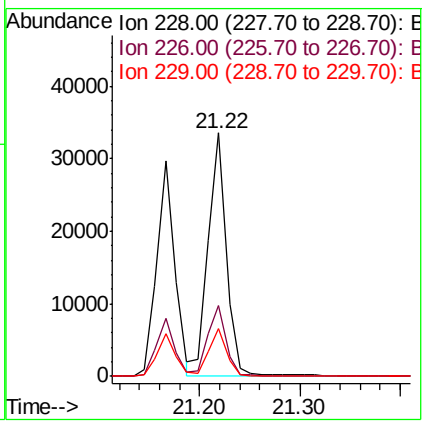


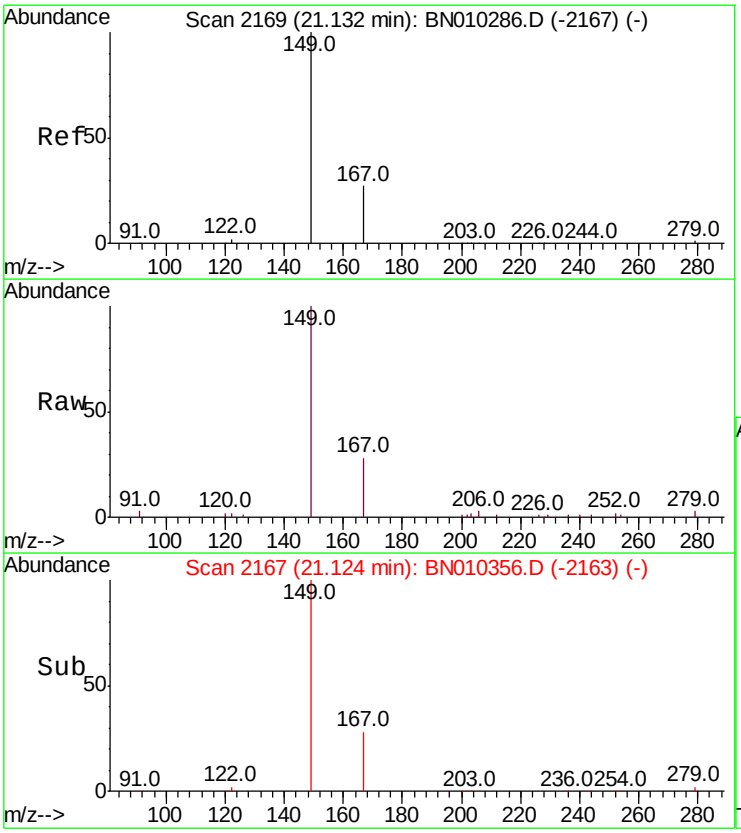
#31
Chrysene
Concen: 0.411 ng
RT: 21.22 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 41890

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	19.9	16.0	24.0

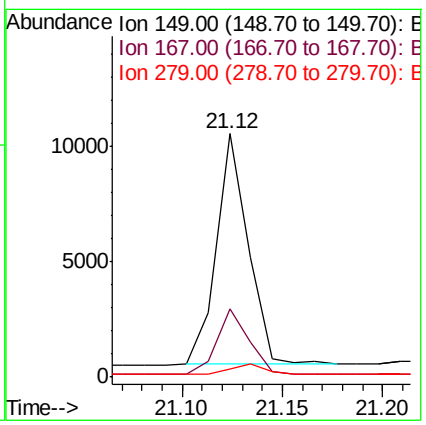


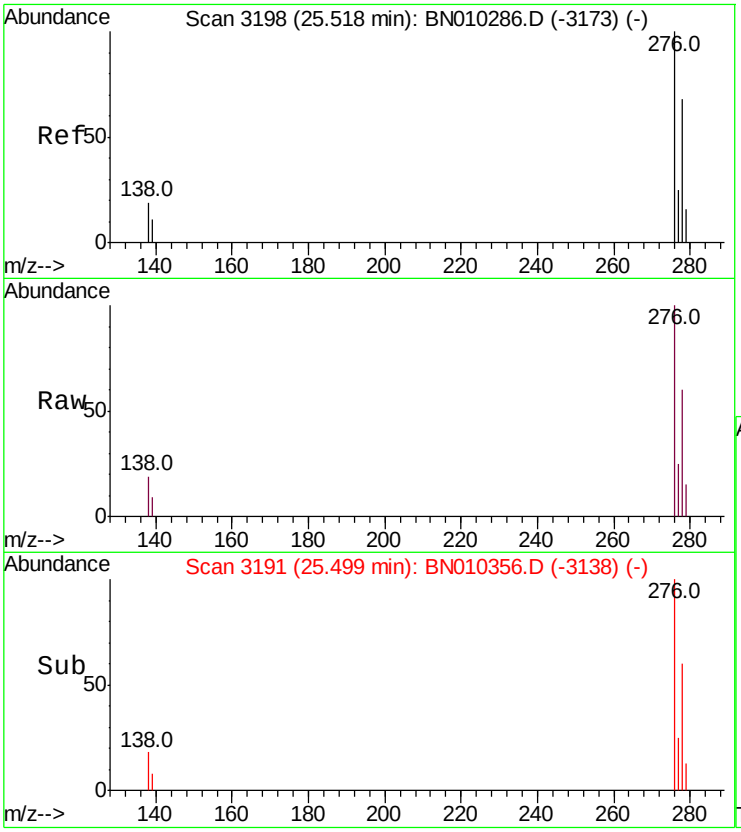


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.342 ng
RT: 21.12 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:149 Resp: 10977

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.6
279	4.9	3.8	5.8



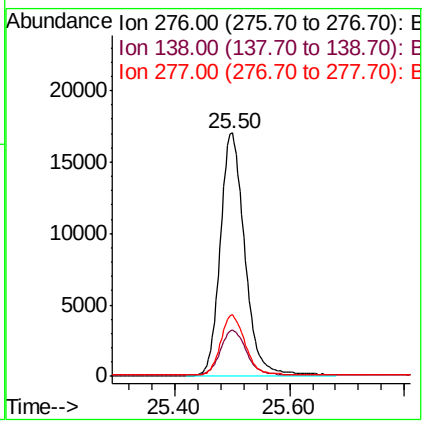


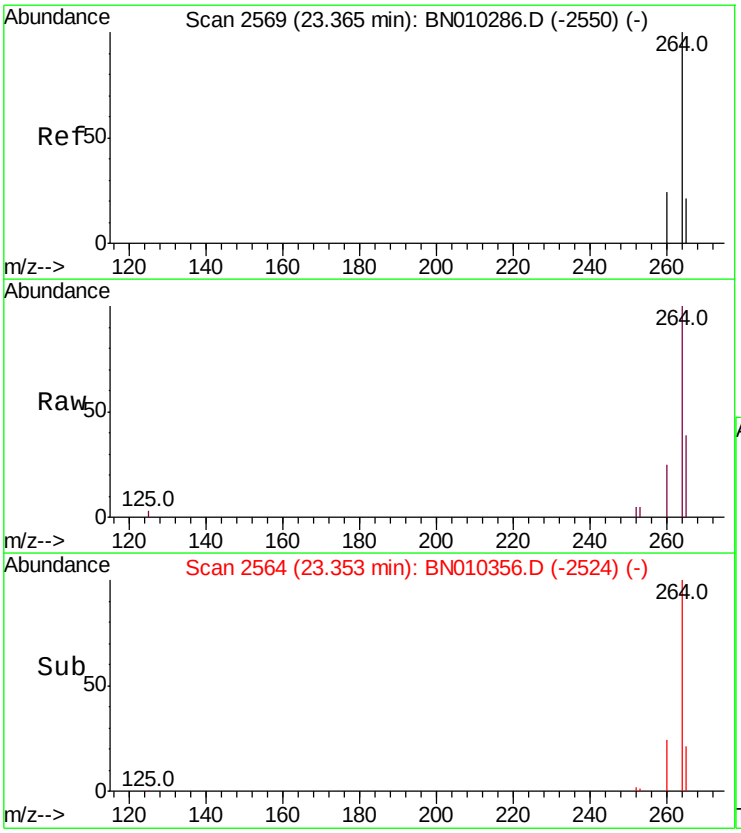
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.460 ng
RT: 25.50 min Scan# 3191
Delta R.T. -0.02 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 50230

Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.6	23.4
277	25.0	20.1	30.1

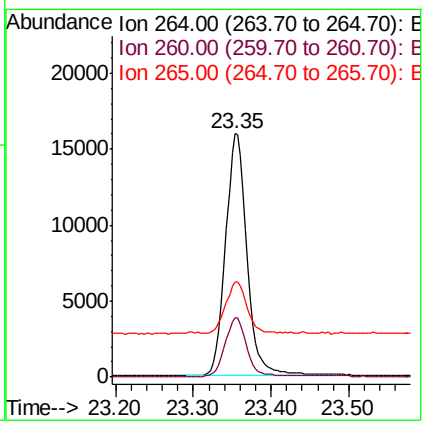


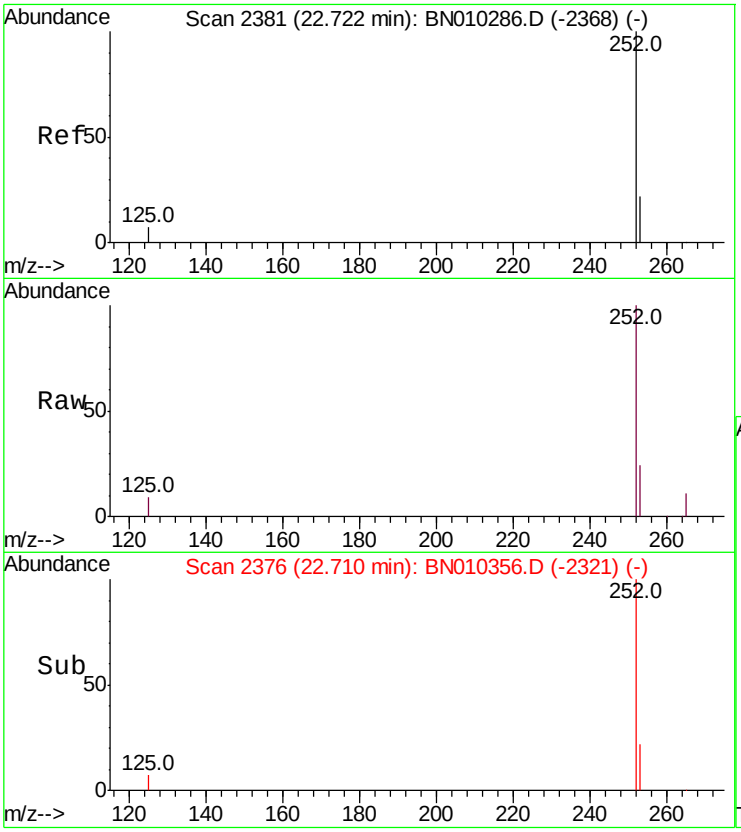


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:264 Resp: 30528

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	39.3	32.4	48.6



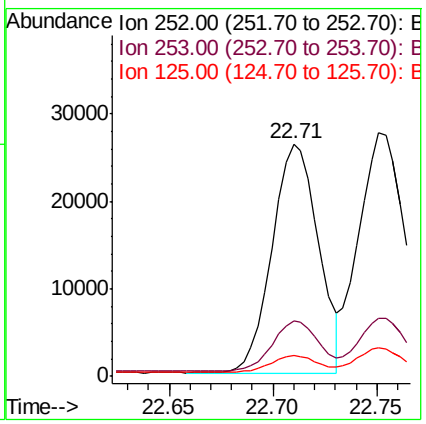


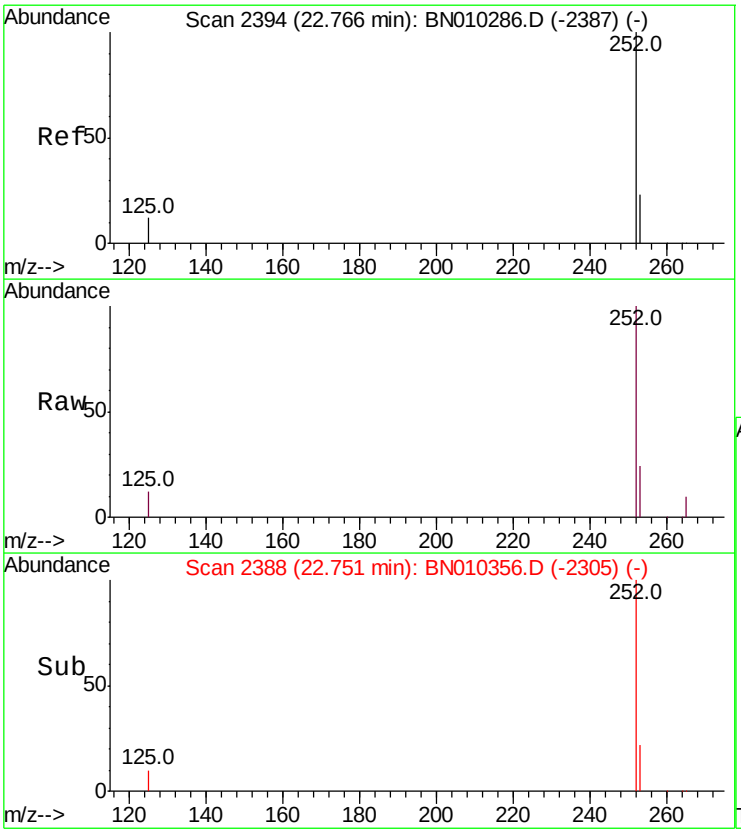
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 40429

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.2	28.8
125	8.9	7.4	11.0

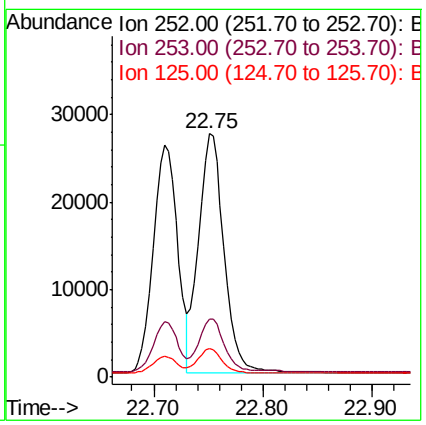


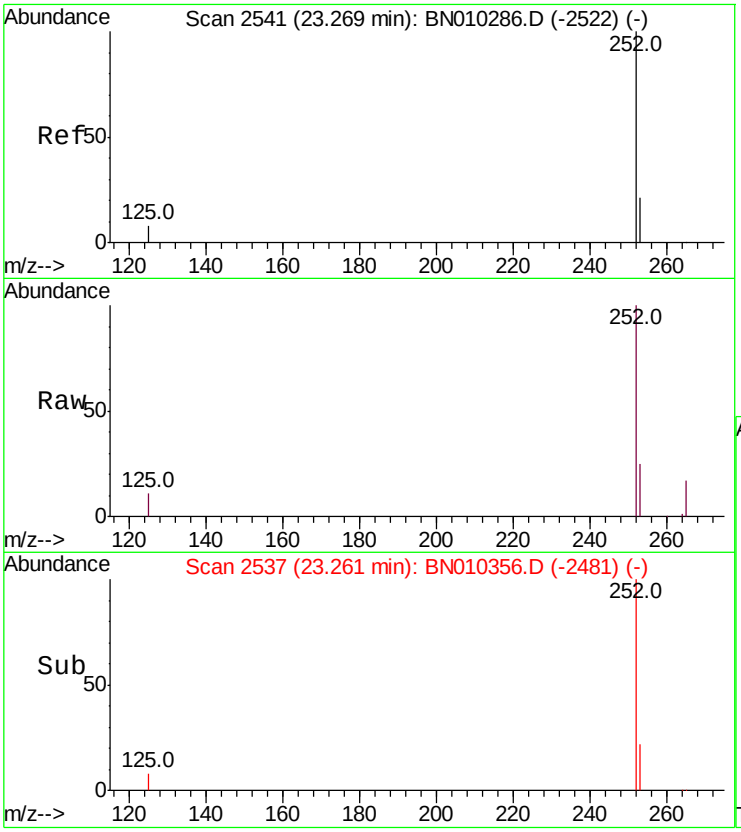


#36
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 22.75 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:252 Resp: 44871

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



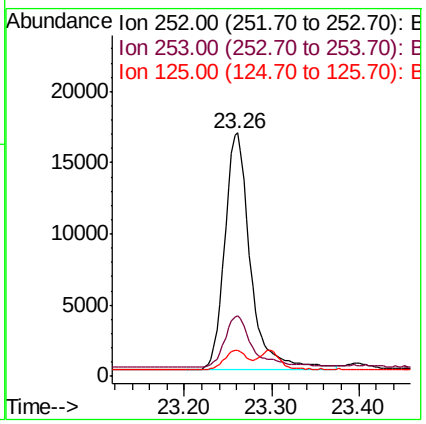


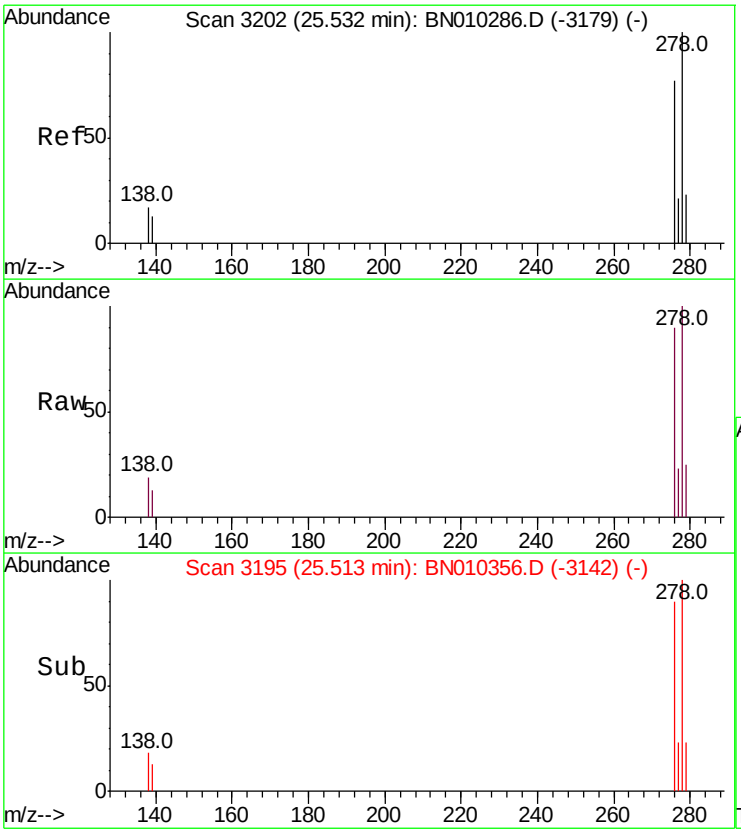
#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 34283

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.9	29.9
125	10.5	8.9	13.3

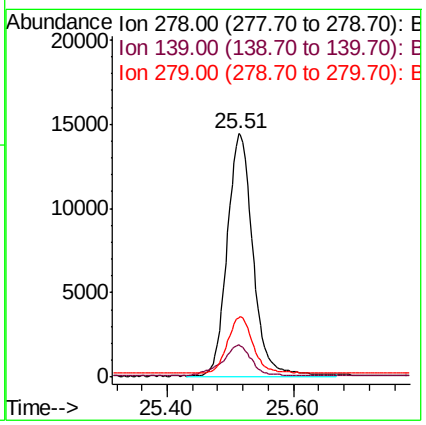


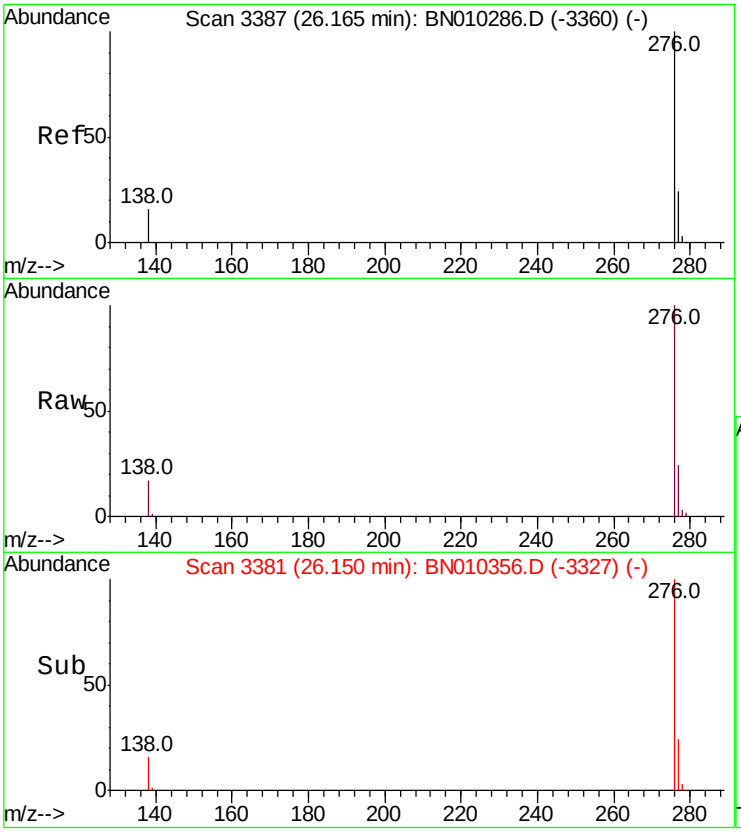


#38
Dibenzo(a,h)anthracene
Concen: 0.429 ng
RT: 25.51 min Scan# 3195
Delta R.T. -0.02 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Tgt Ion:278 Resp: 40600

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.6	16.0
279	24.5	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 26.15 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BN010356.D
Acq: 27 Mar 2020 17:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 38733

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	17.0	13.3	19.9