Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010640.D
Acq On : 29 Apr 2020 01:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 29 02:04:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 11:13:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4494	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	19302	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	12358	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	27775	0.40	ng		0.00
27) Chrysene-d12	21.16	240	23279	0.40	ng		0.00
34) Perylene-d12	23.32	264	21757	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	4157	0.42	ng		0.00
5) Phenol-d6	6.78	99	5590	0.43	ng		0.00
8) Nitrobenzene-d5	8.72	82	5492	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	14674	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	2017	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	17728	0.39	ng		0.00
25) Fluoranthene-d10	18.99	212	36021	0.43	ng		0.00
29) Terphenyl-d14	19.60	244	24497	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1332	0.403	ng		99
3) n-Nitrosodimethylamine	3.55	42	926	0.432	ng	#	80
6) bis(2-Chloroethyl)ether	7.03	93	4601	0.413	ng		98
9) Naphthalene	10.39	128	19667	0.410	ng		100
10) Hexachlorobutadiene	10.68	225	4600	0.398	ng	#	100
12) 2-Methylnaphthalene	12.01	142	14244	0.414	ng		99
16) Acenaphthylene	13.92	152	20337	0.381	ng		100
17) Acenaphthene	14.27	154	14092	0.411	ng		99
18) Fluorene	15.26	166	18048	0.402	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	5950	0.386	ng	#	82
21) Hexachlorobenzene	16.27	284	7312	0.415	ng		99
22) Pentachlorophenol	16.62	266	2283	0.329	ng		98
23) Phenanthrene	17.00	178	30439	0.406	ng		100
24) Anthracene	17.09	178	26060	0.380	ng		100
26) Fluoranthene	19.02	202	35669	0.382	ng		99
28) Pyrene	19.39	202	35910	0.458	ng		100
30) Benzo(a)anthracene	21.14	228	30072	0.396	ng		99
31) Chrysene	21.20	228	30003	0.397	ng		99
32) Bis(2-ethylhexyl)phthalate	21.10	149	15335	0.394	ng		99
33) Indeno(1,2,3-cd)pyrene	25.46	276	31003	0.463	ng		98
35) Benzo(b)fluoranthene	22.68	252	28341	0.396	ng		100
36) Benzo(k)fluoranthene	22.72	252	28903	0.403	ng		98
37) Benzo(a)pyrene	23.23	252	25032	0.395	ng		99
38) Dibenzo(a,h)anthracene	25.47	278	25024	0.432	ng		99
39) Benzo(g,h,i)perylene	26.10	276	25198	0.432	ng		99

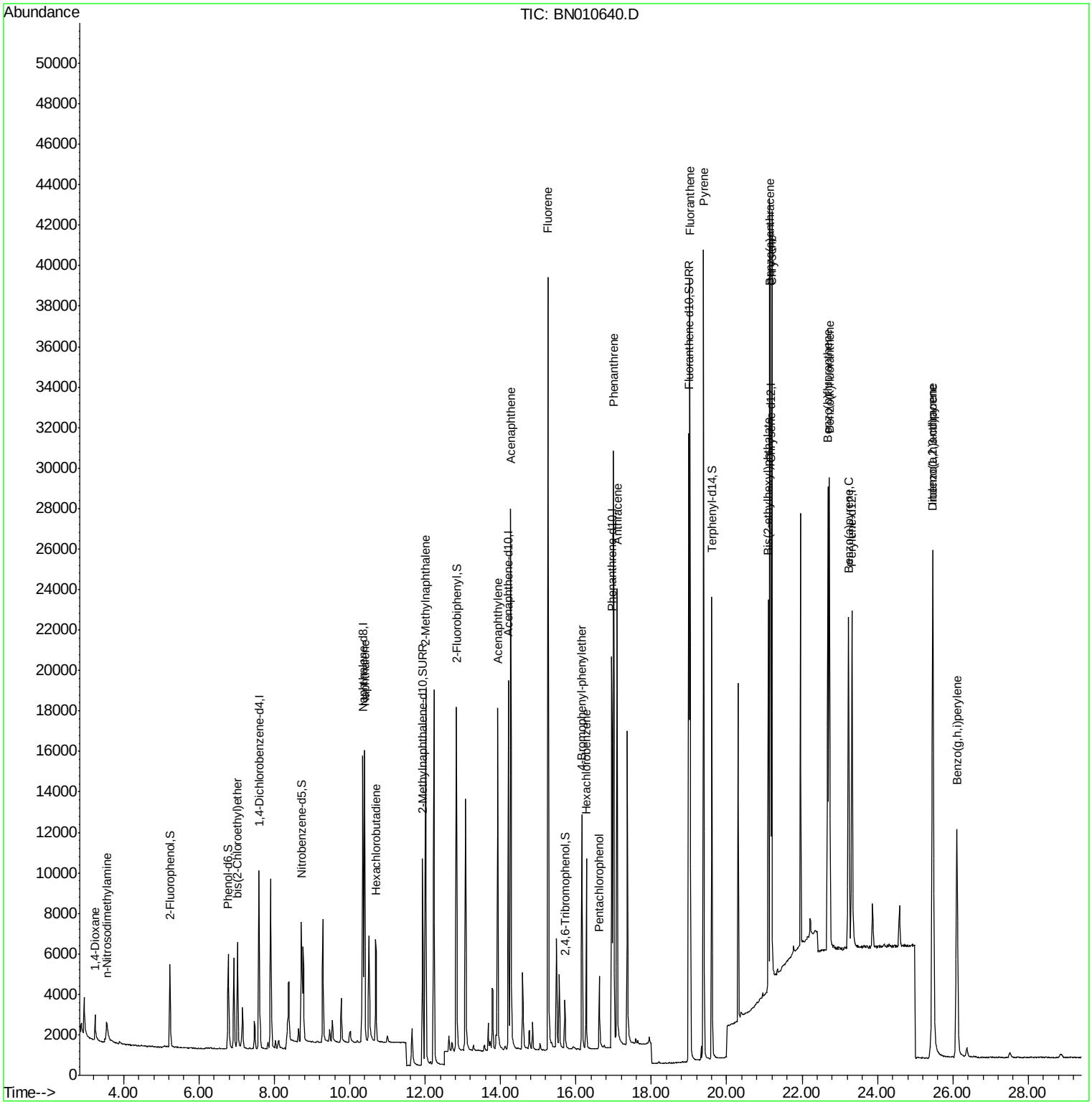
(#) = qualifier out of range (m) = manual integration (+) = signals summed

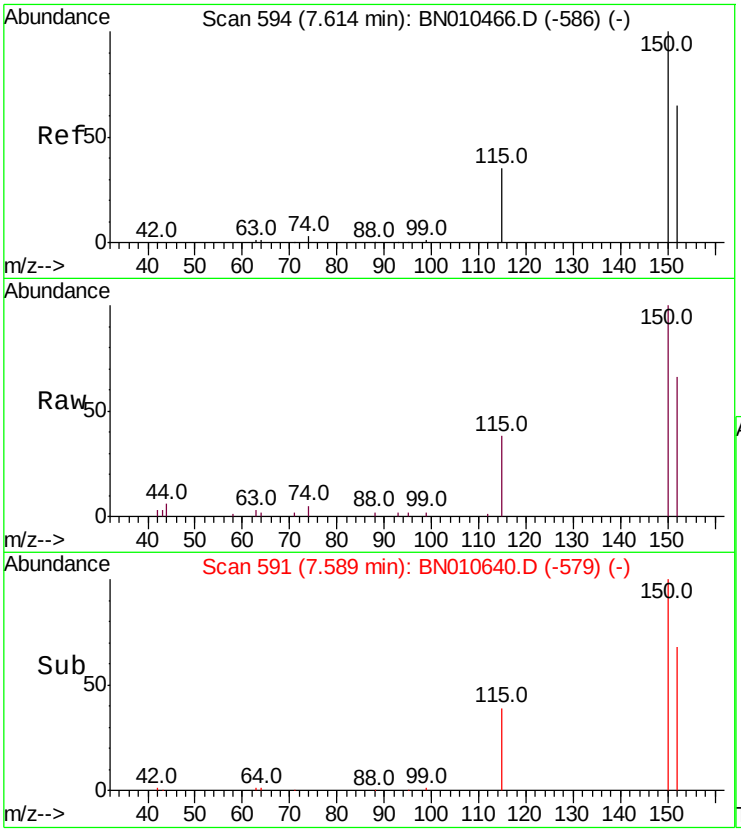
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010640.D
Acq On : 29 Apr 2020 01:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 29 02:04:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 11:13:37 2020
Response via : Initial Calibration



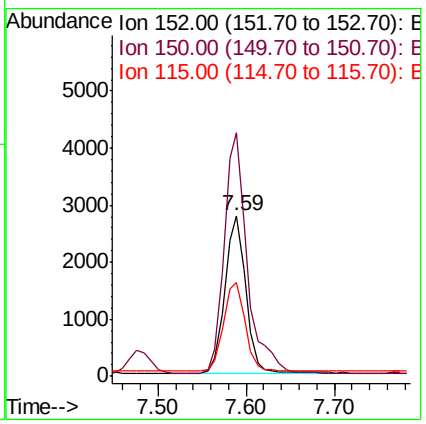


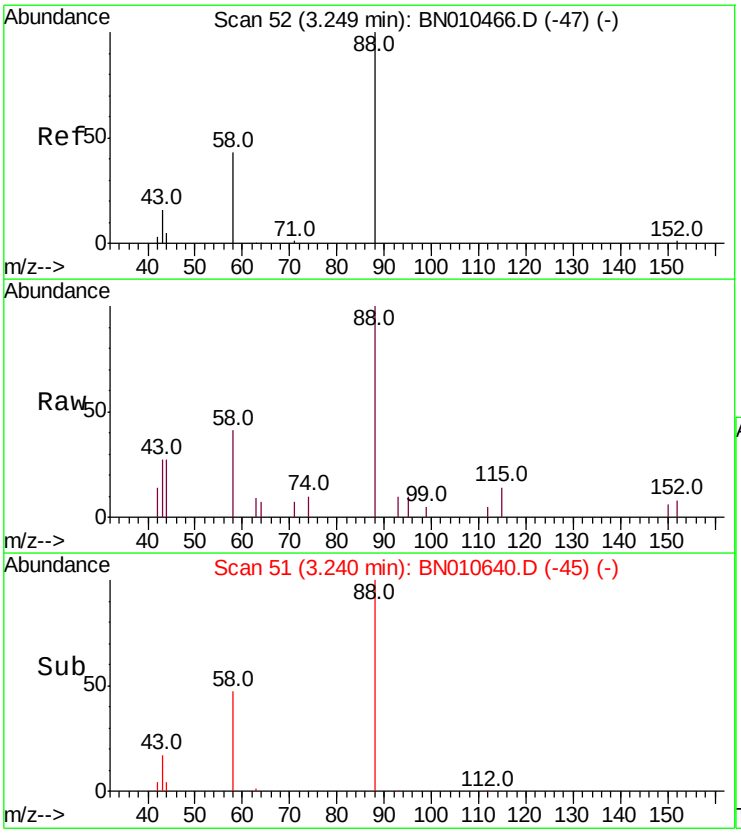
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4494

Ion	Ratio	Lower	Upper
152	100		
150	151.7	121.8	182.6
115	58.3	45.5	68.3

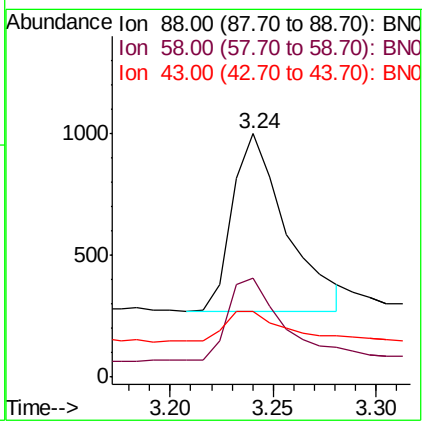


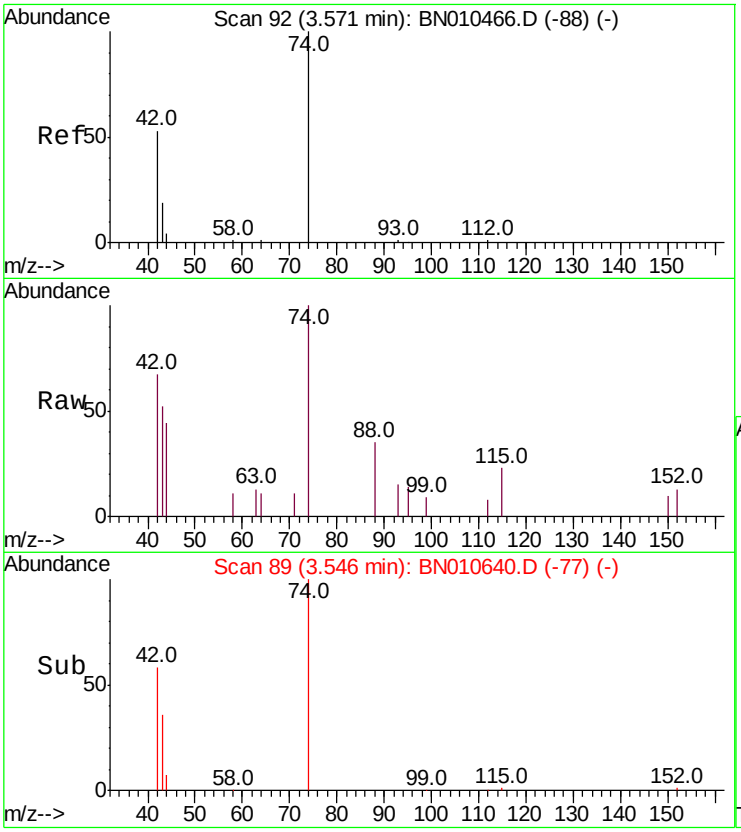


#2
1,4-Dioxane
Concen: 0.403 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion: 88 Resp: 1332

Ion	Ratio	Lower	Upper
88	100		
58	46.1	36.5	54.7
43	17.4	13.2	19.8



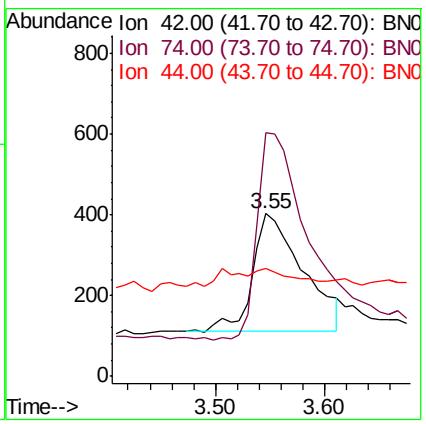


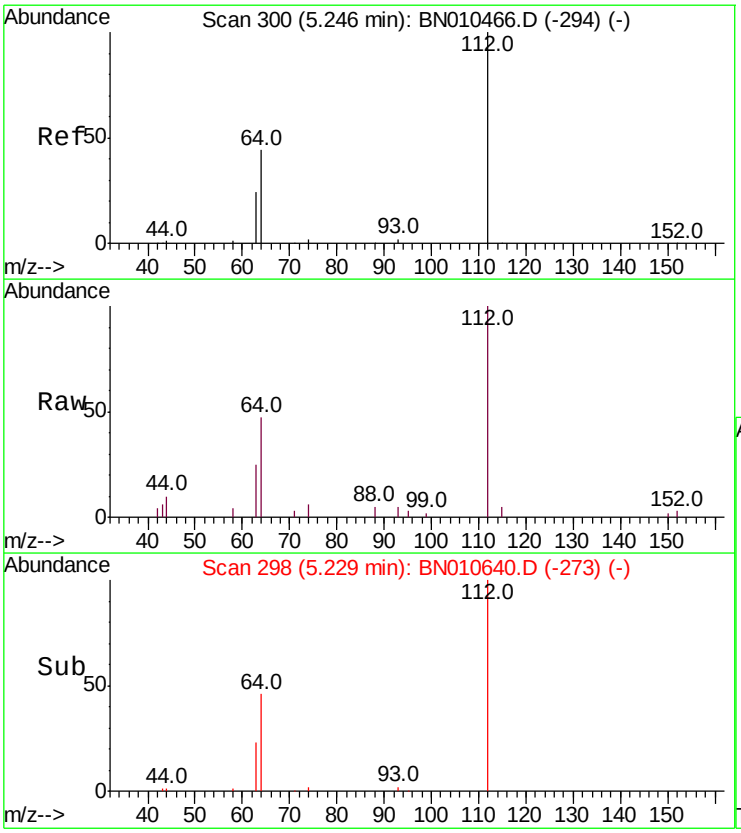
#3
n-Nitrosodimethylamine
Concen: 0.432 ng
RT: 3.55 min Scan# 89
Delta R.T. 0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 926

Ion	Ratio	Lower	Upper
42	100		
74	172.5	162.2	243.4
44	7.3	2.4	3.6#

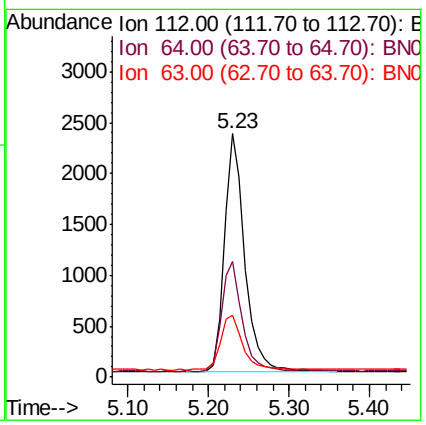


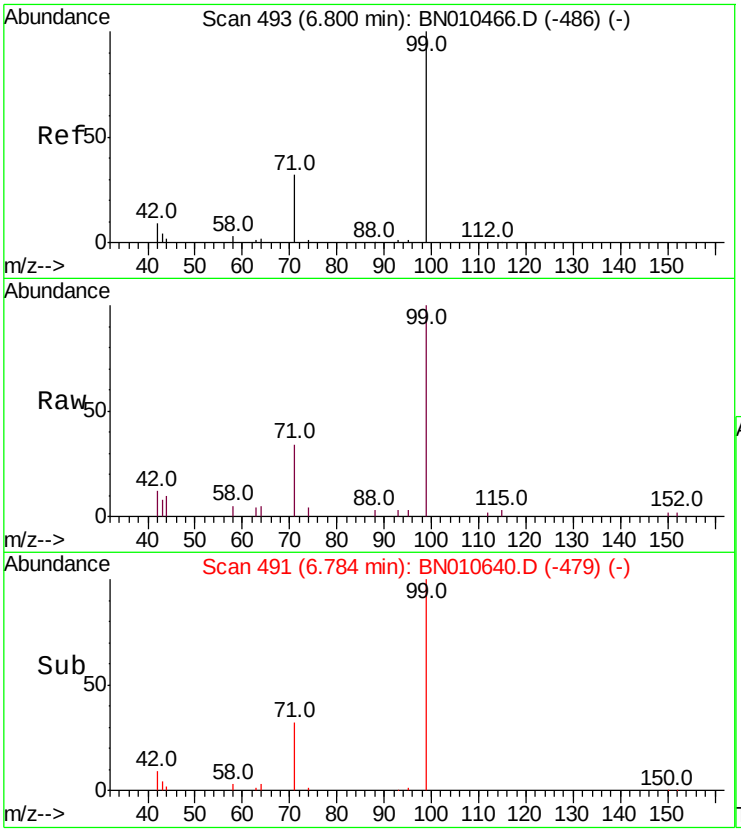


#4
2-Fluorophenol
Concen: 0.422 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:112 Resp: 4157

Ion	Ratio	Lower	Upper
112	100		
64	46.0	35.8	53.8
63	24.3	19.9	29.9



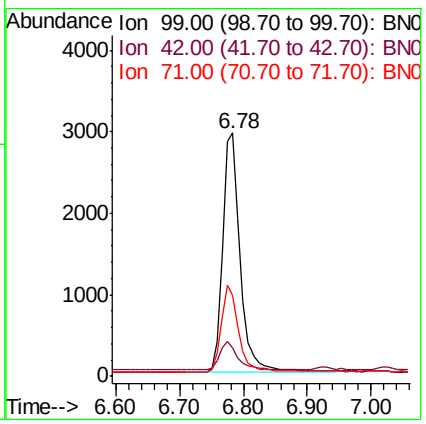


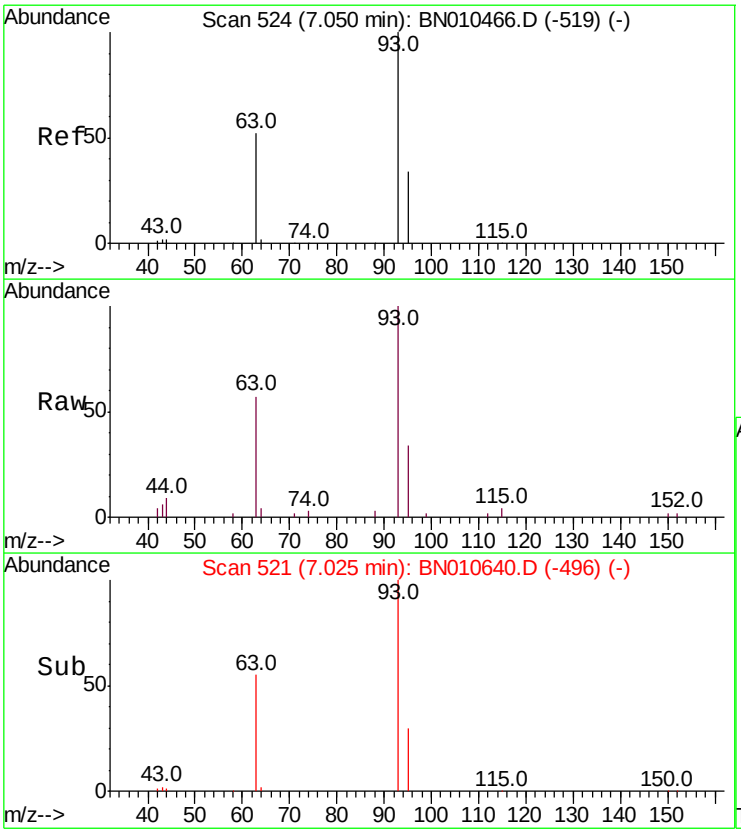
#5
Phenol-d6
Concen: 0.435 ng
RT: 6.78 min Scan# 491
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5590

Ion	Ratio	Lower	Upper
99	100		
42	12.5	9.8	14.6
71	35.1	27.8	41.8

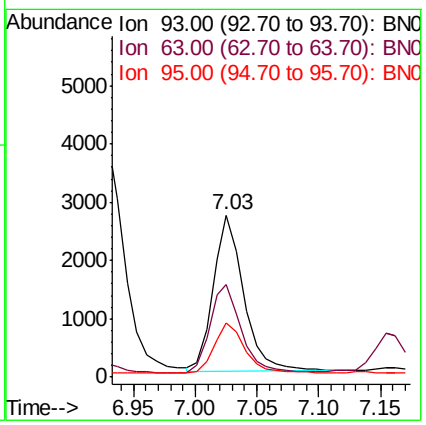


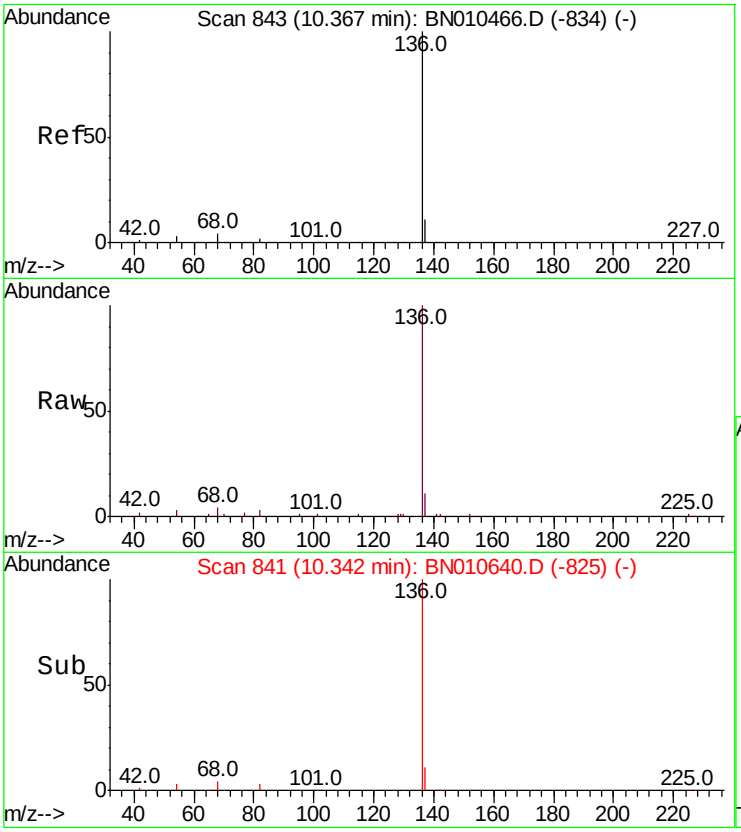


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 7.03 min Scan# 521
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion: 93 Resp: 4601

Ion	Ratio	Lower	Upper
93	100		
63	58.2	44.6	66.8
95	33.0	26.5	39.7



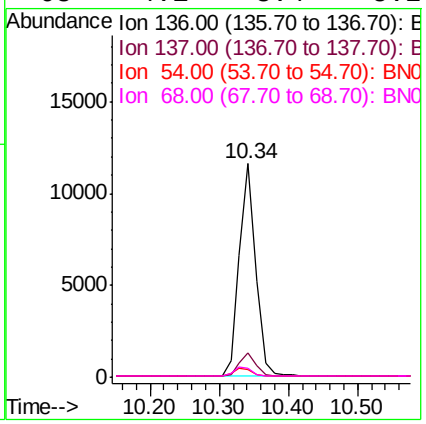


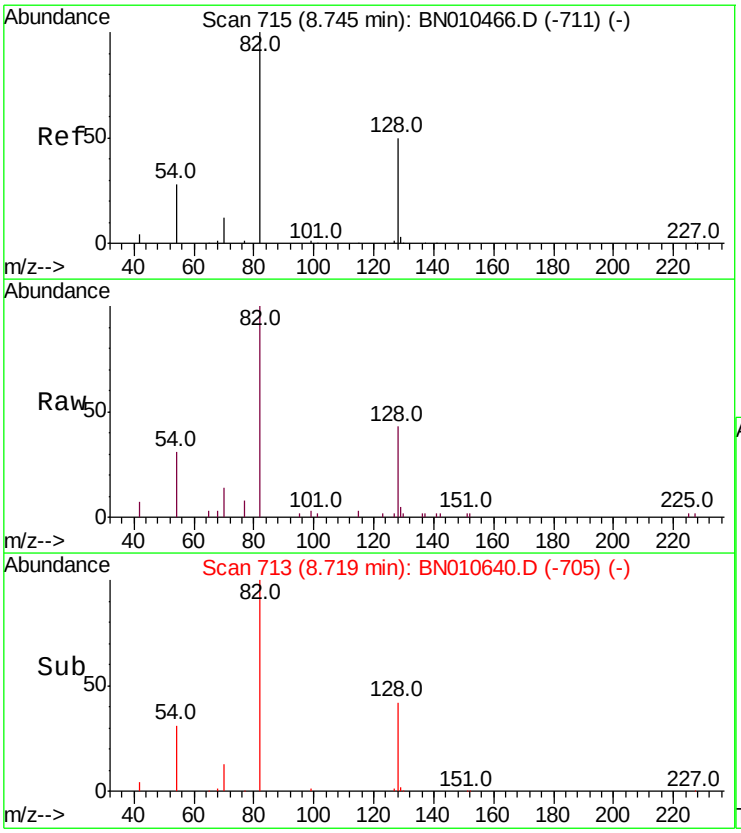
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 19302

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	3.4	2.6	4.0
68	4.1	3.4	5.2

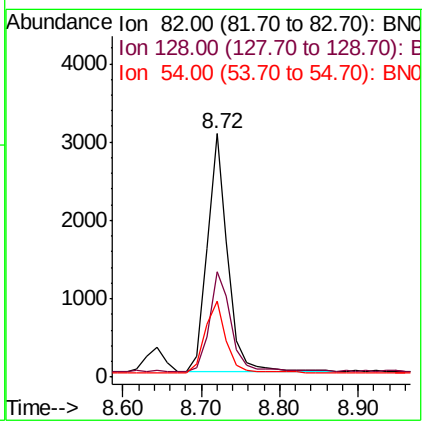


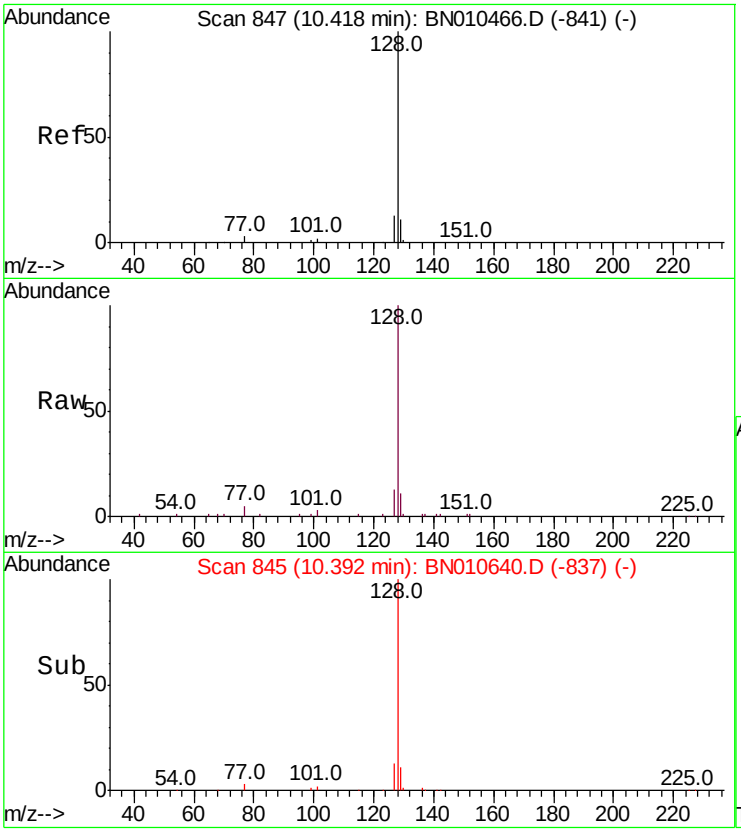


#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion: 82 Resp: 5492

Ion	Ratio	Lower	Upper
82	100		
128	43.4	41.3	61.9
54	31.3	23.4	35.0



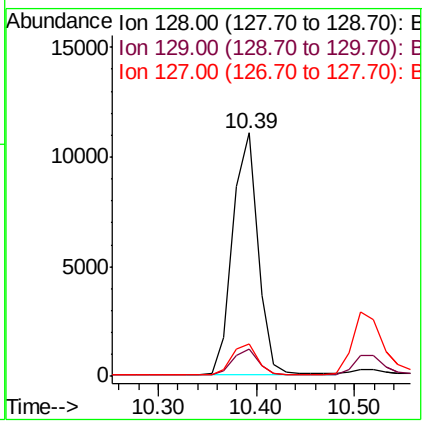


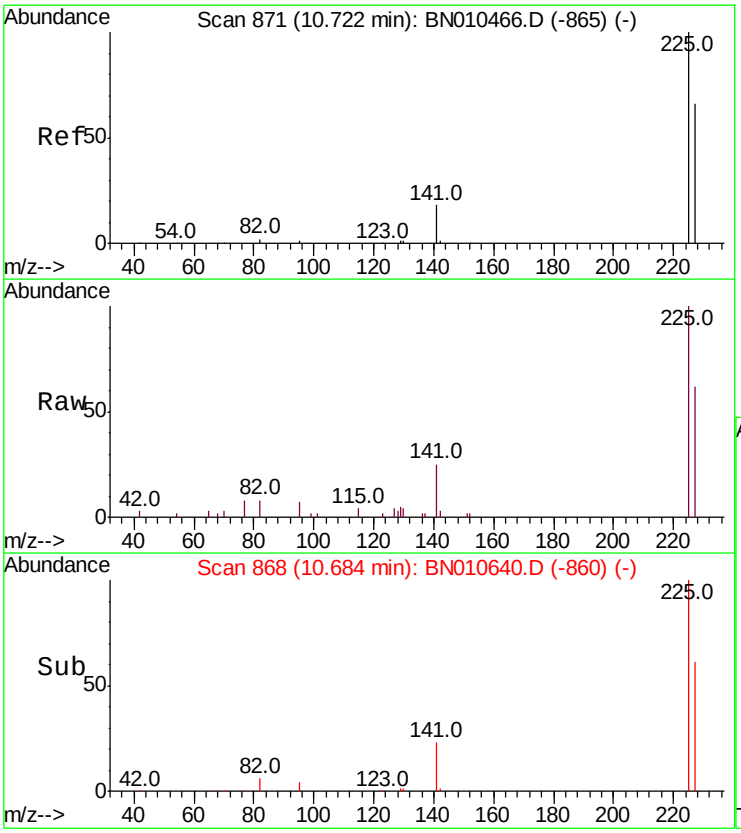
#9
Naphthalene
Concen: 0.410 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 19667

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.2	10.5	15.7

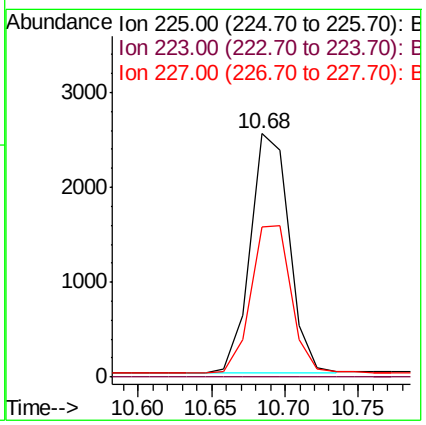


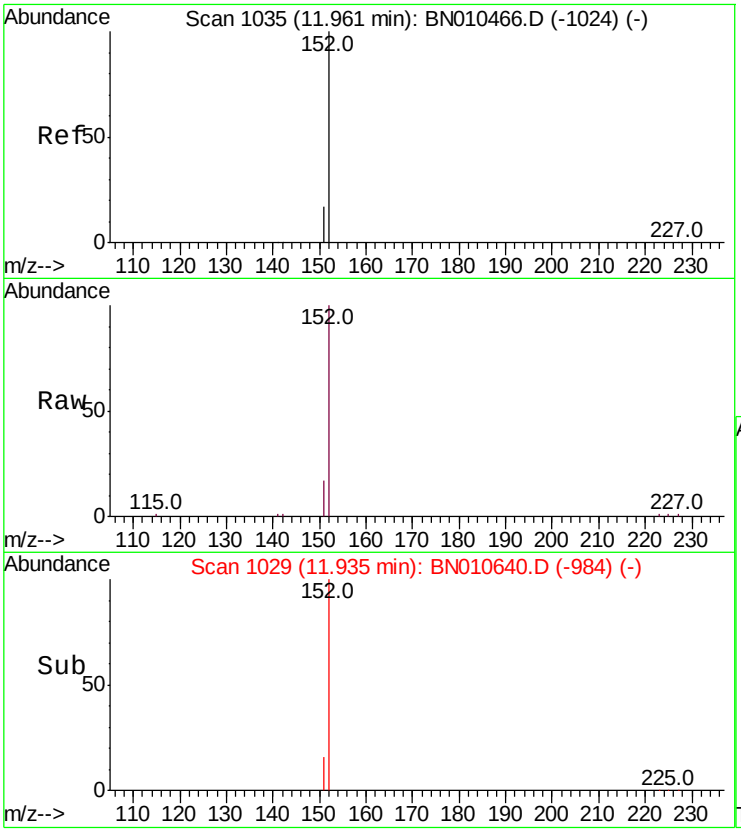


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.68 min Scan# 868
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:225 Resp: 4600

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.6	76.0



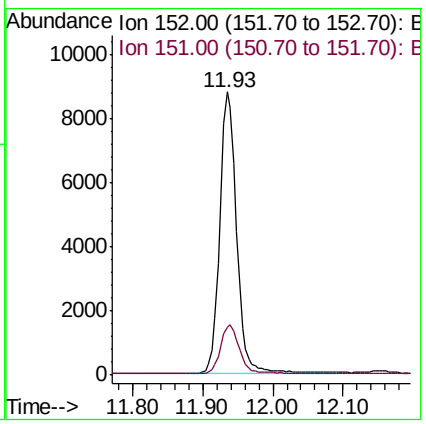


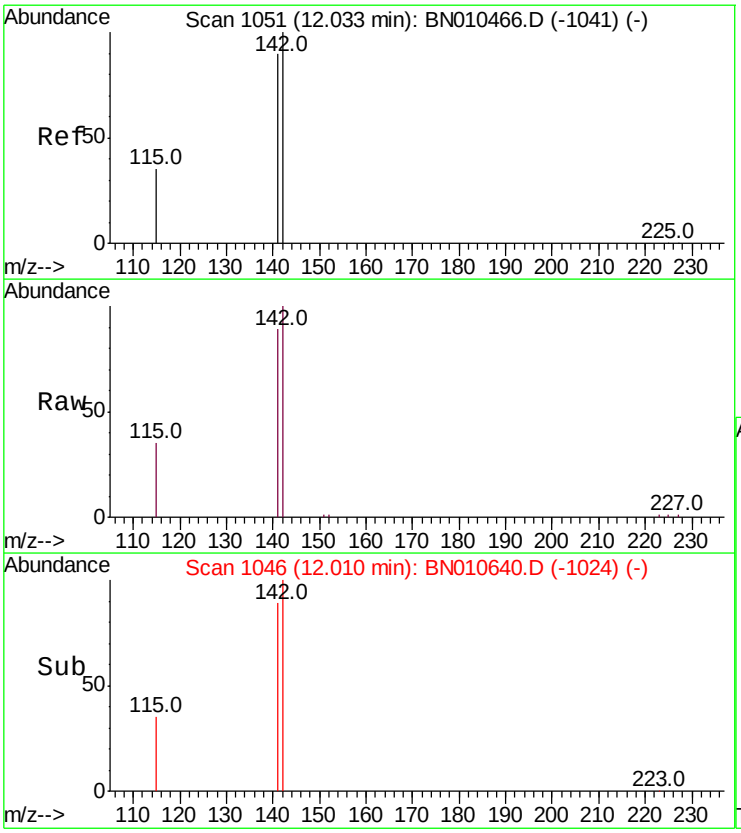
#11
2-Methylnaphthalene-d10
Concen: 0.462 ng
RT: 11.93 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 14674

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

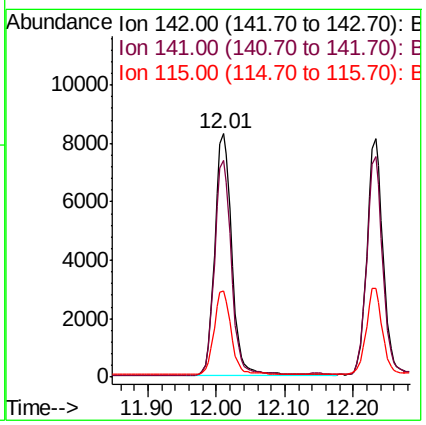


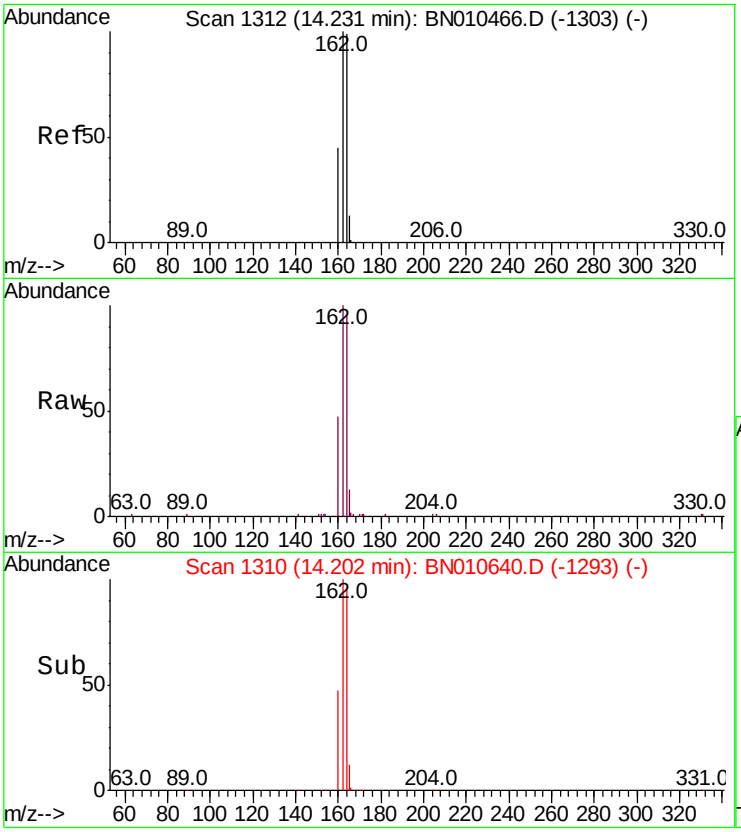


#12
2-Methylnaphthalene
Concen: 0.414 ng
RT: 12.01 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:142 Resp: 14244

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	35.4	28.8	43.2



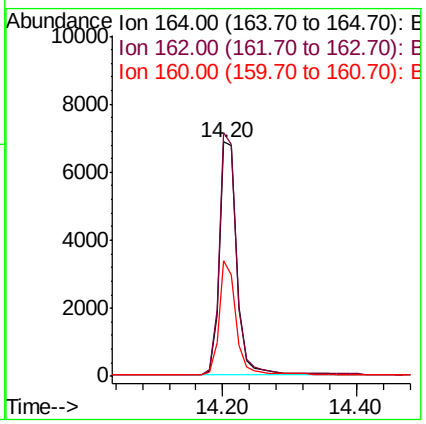


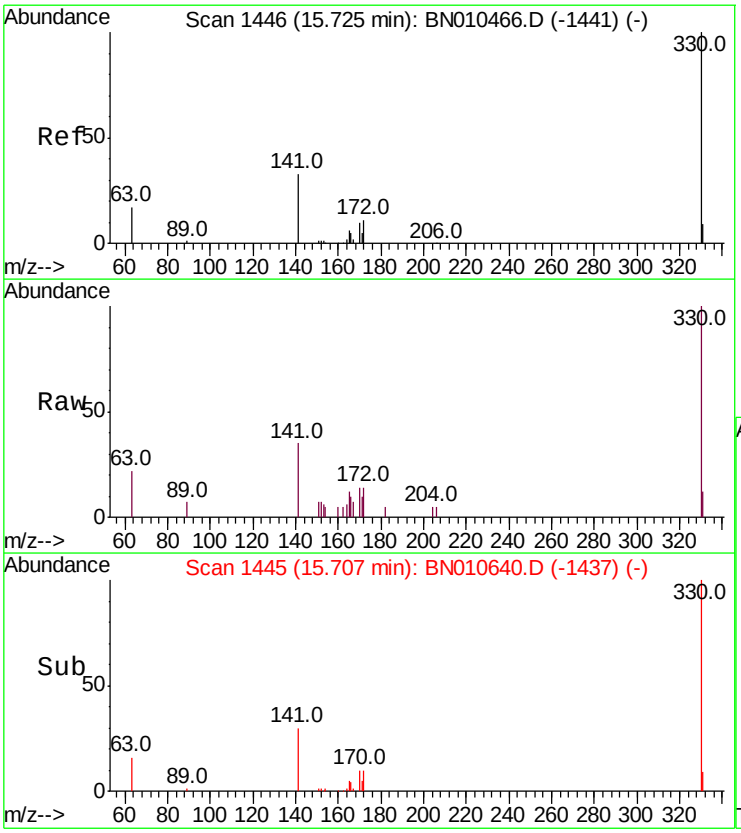
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12358

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.6	121.0
160	49.1	36.5	54.7

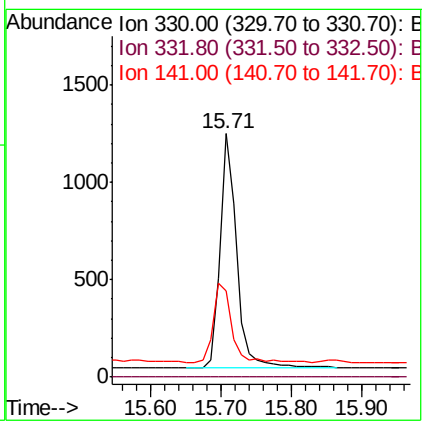


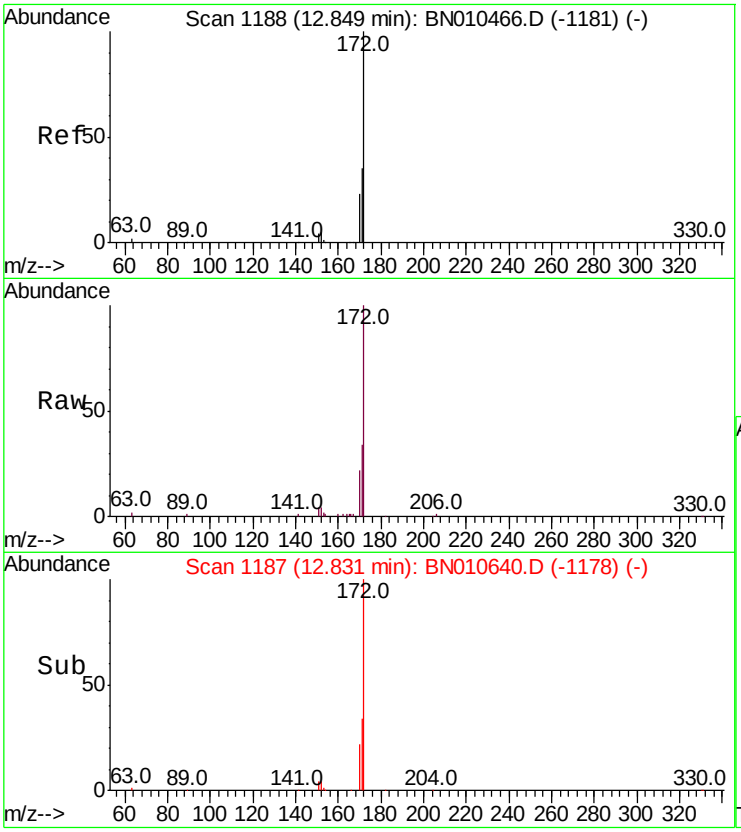


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:330 Resp: 2017

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.5	28.1	42.1



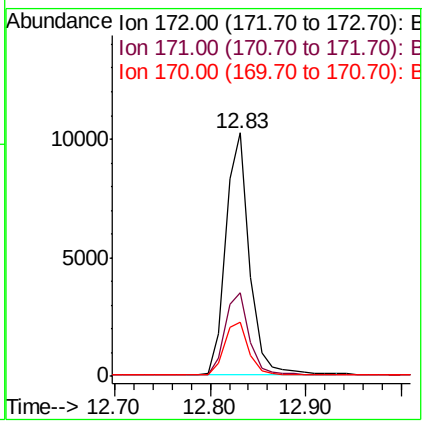


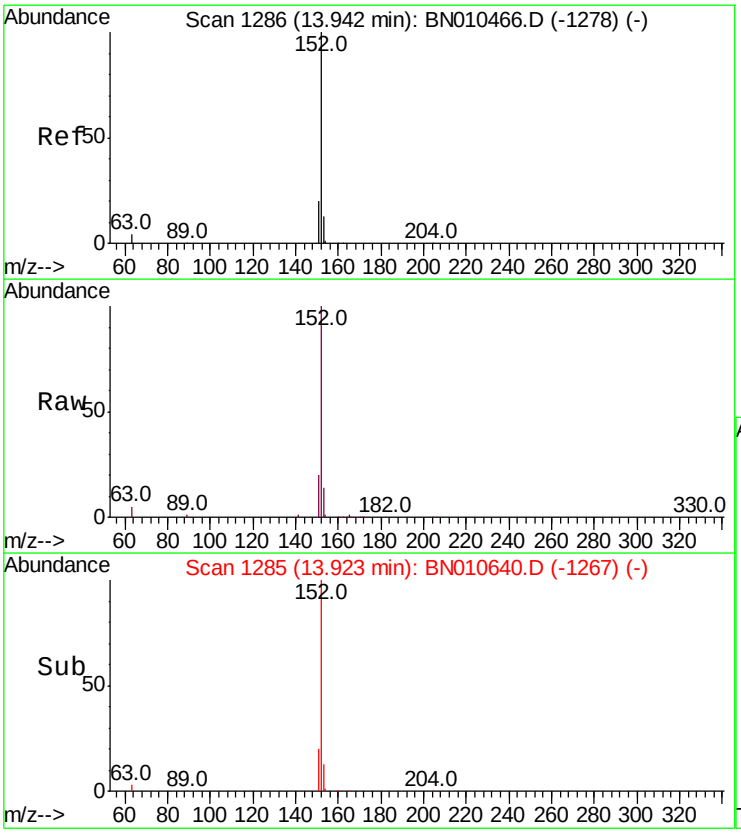
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 17728

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.2	42.2
170	22.2	18.4	27.6

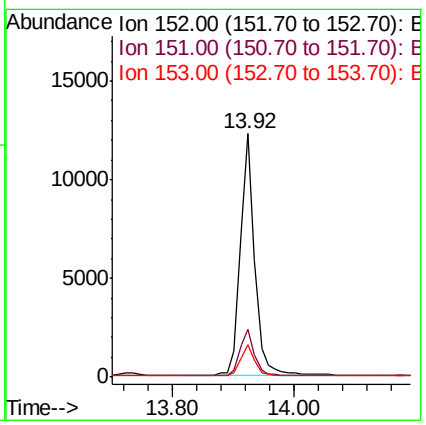


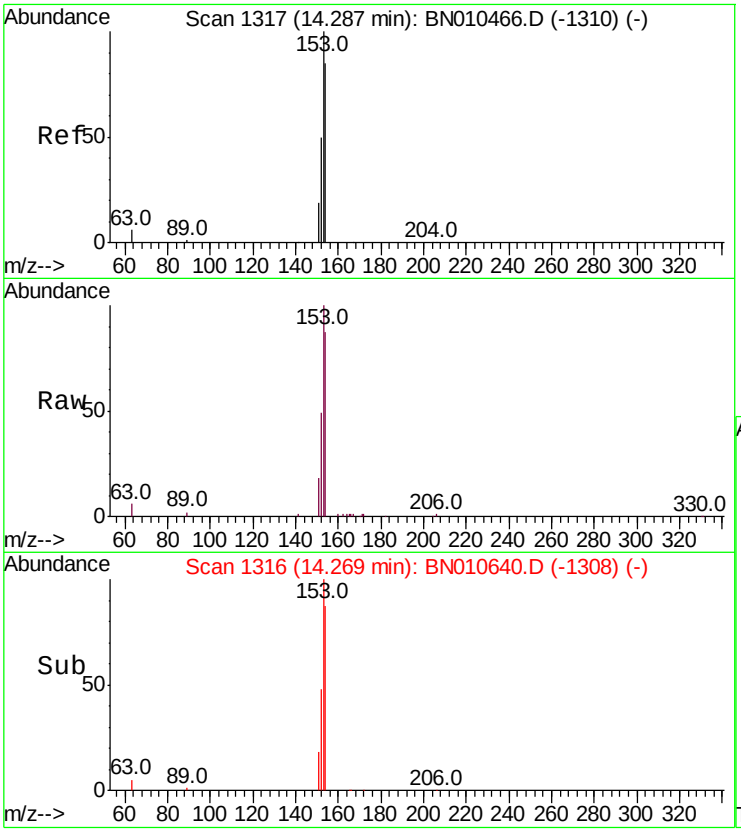


#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:152 Resp: 20337

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8



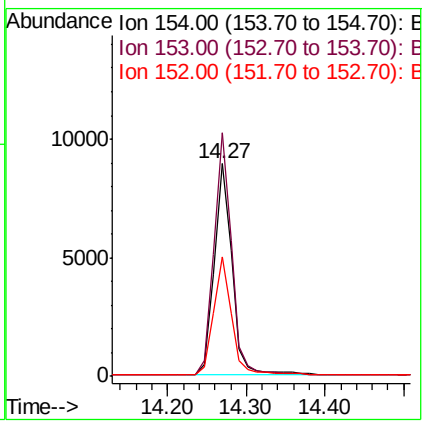


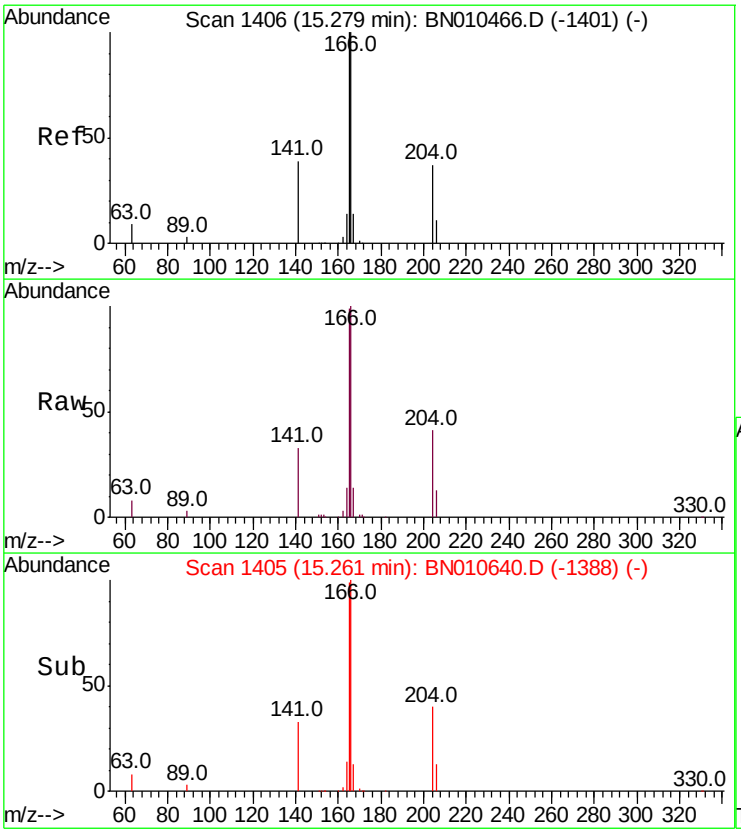
#17
Acenaphthene
Concen: 0.411 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 14092

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.0	136.4
152	54.7	44.6	67.0

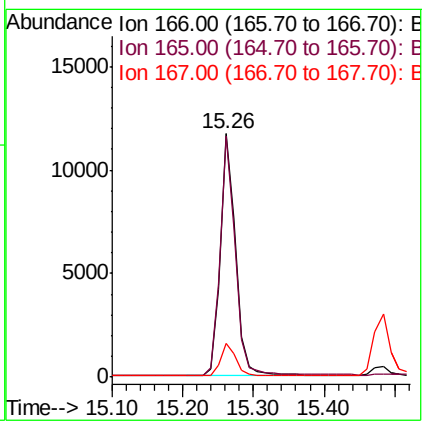


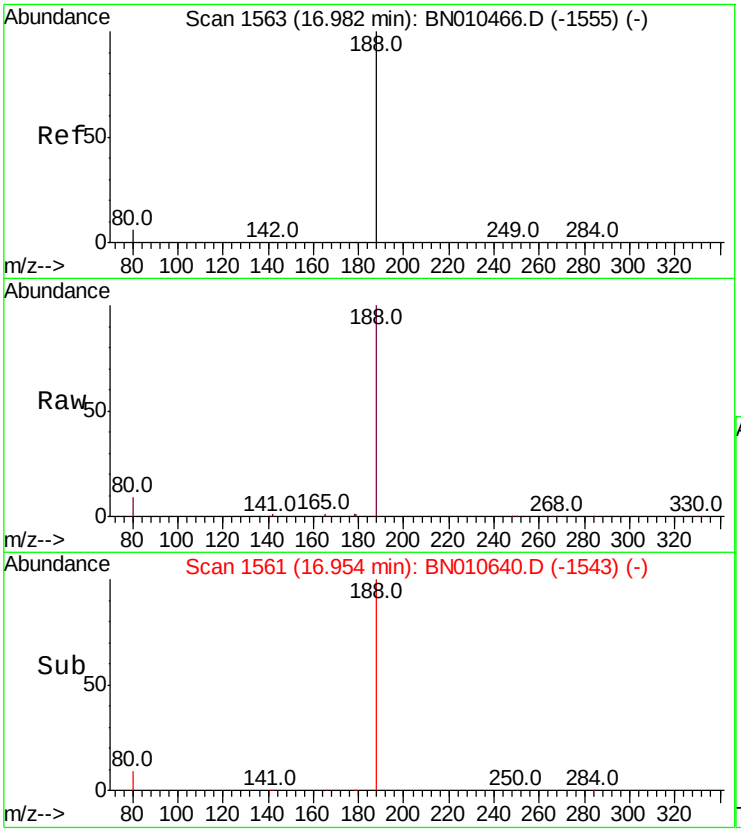


#18
Fluorene
Concen: 0.402 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:166 Resp: 18048

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.5	10.9	16.3



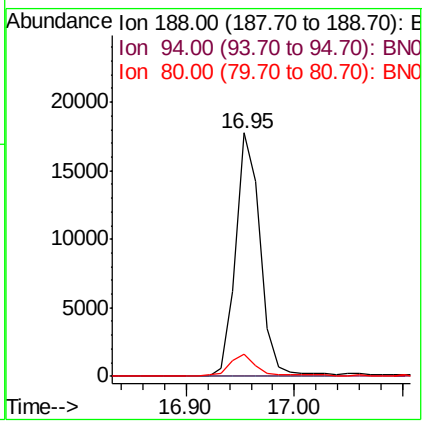


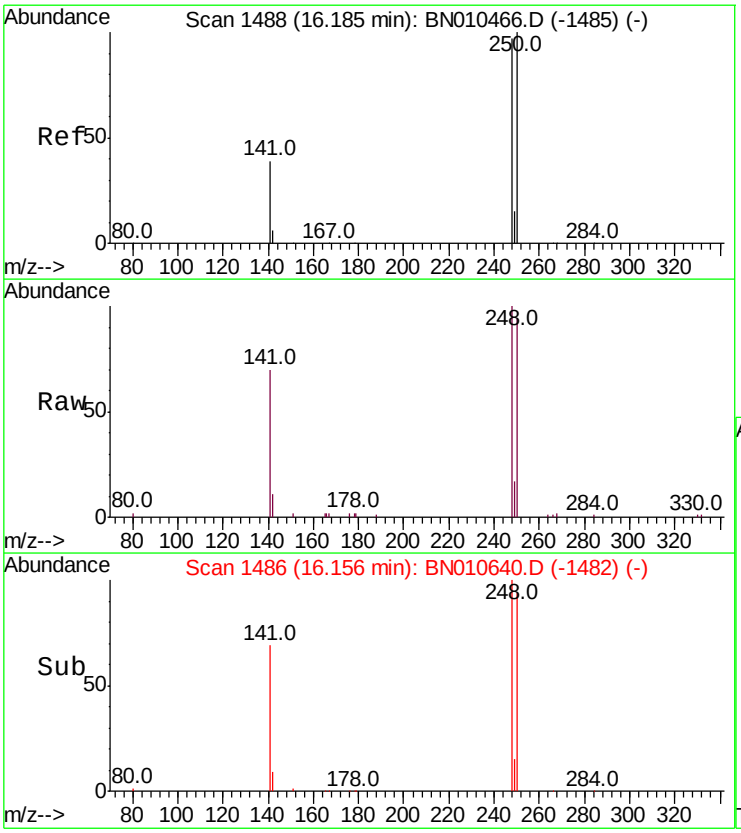
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 27775

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	5.0	7.6#

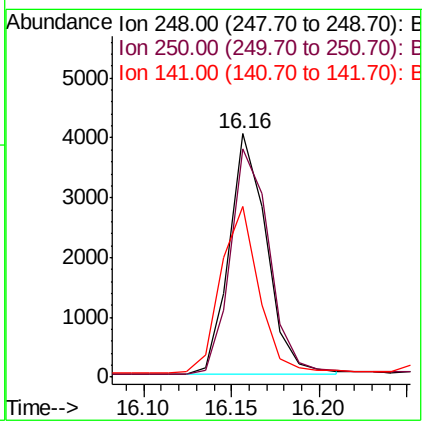


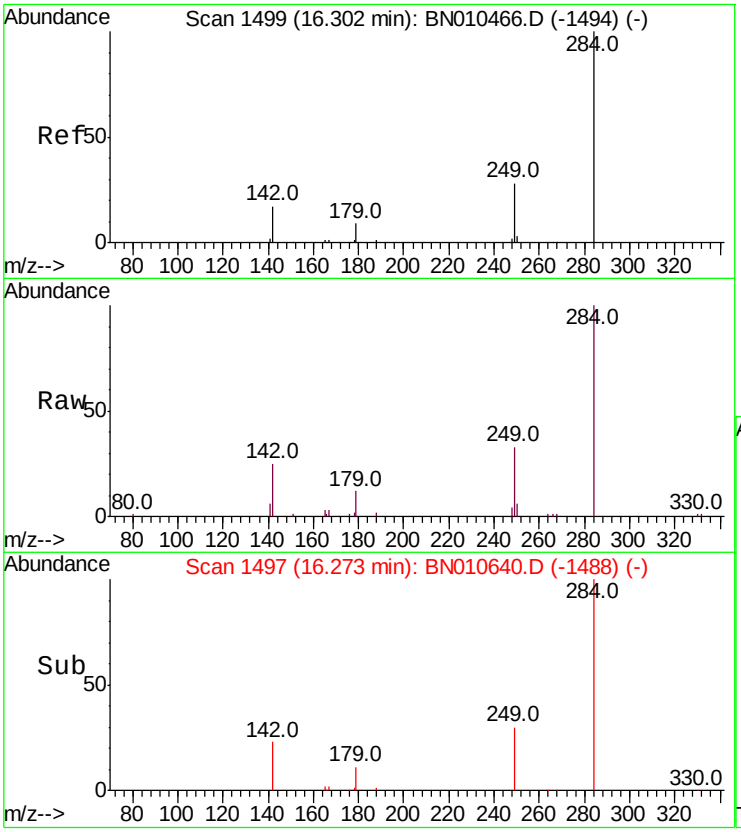


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:248 Resp: 5950

Ion	Ratio	Lower	Upper
248	100		
250	93.9	82.3	123.5
141	70.1	35.2	52.8#



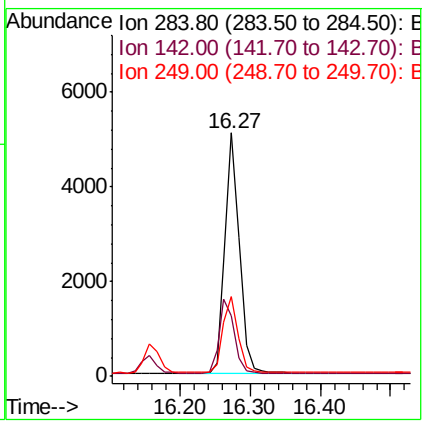


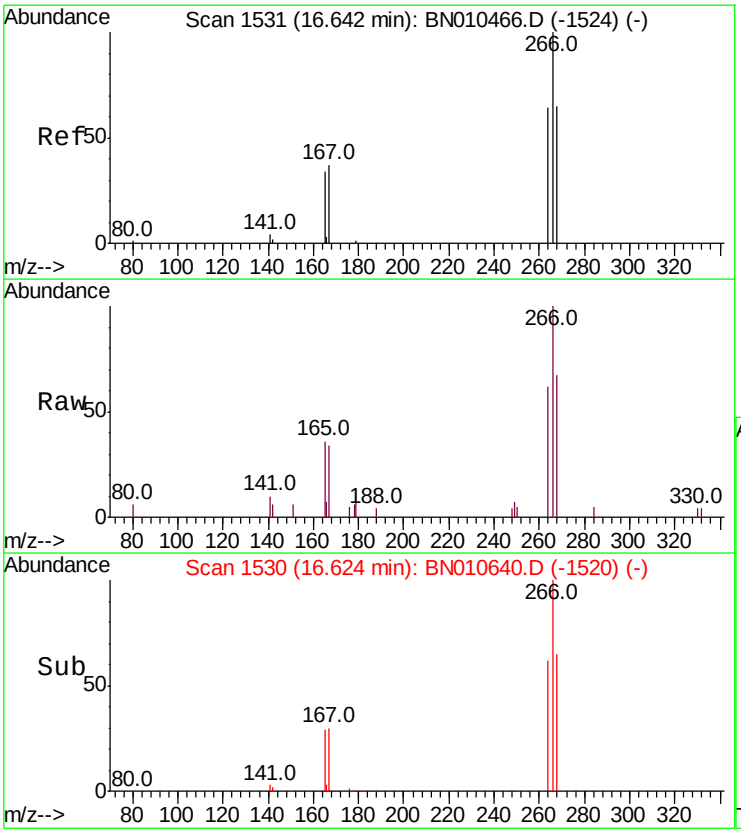
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7312

Ion	Ratio	Lower	Upper
284	100		
142	32.7	25.5	38.3
249	32.7	25.8	38.6

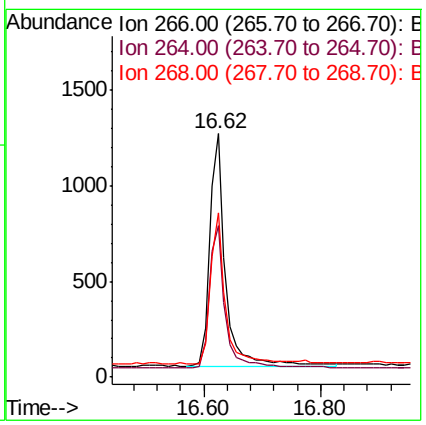


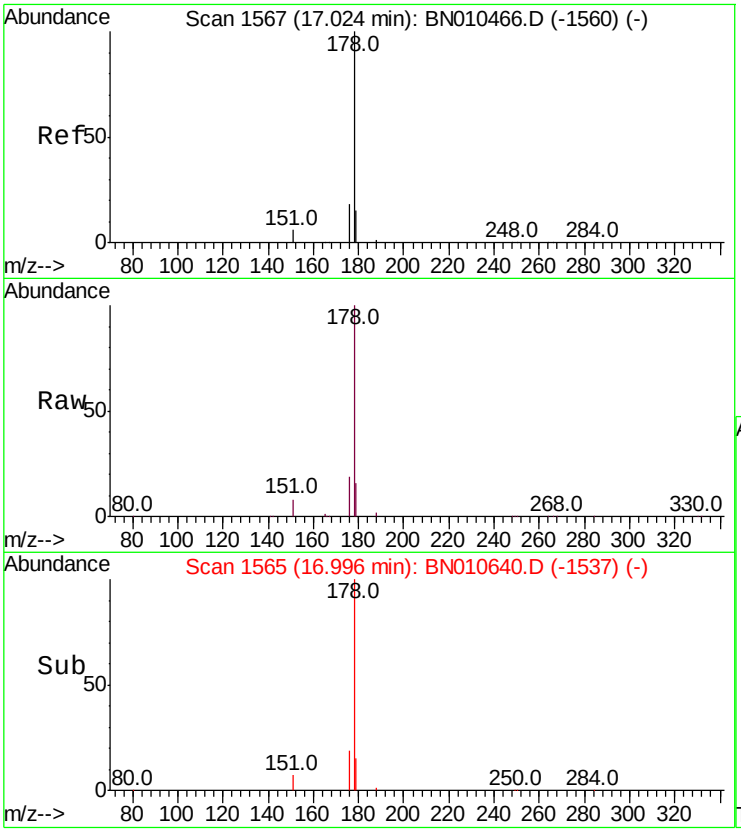


#22
Pentachlorophenol
Concen: 0.329 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:266 Resp: 2283

Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.8	77.6
268	67.4	53.7	80.5



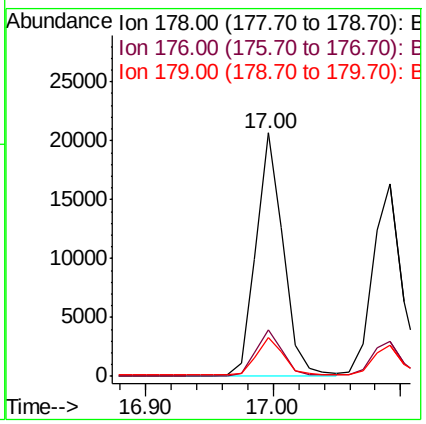


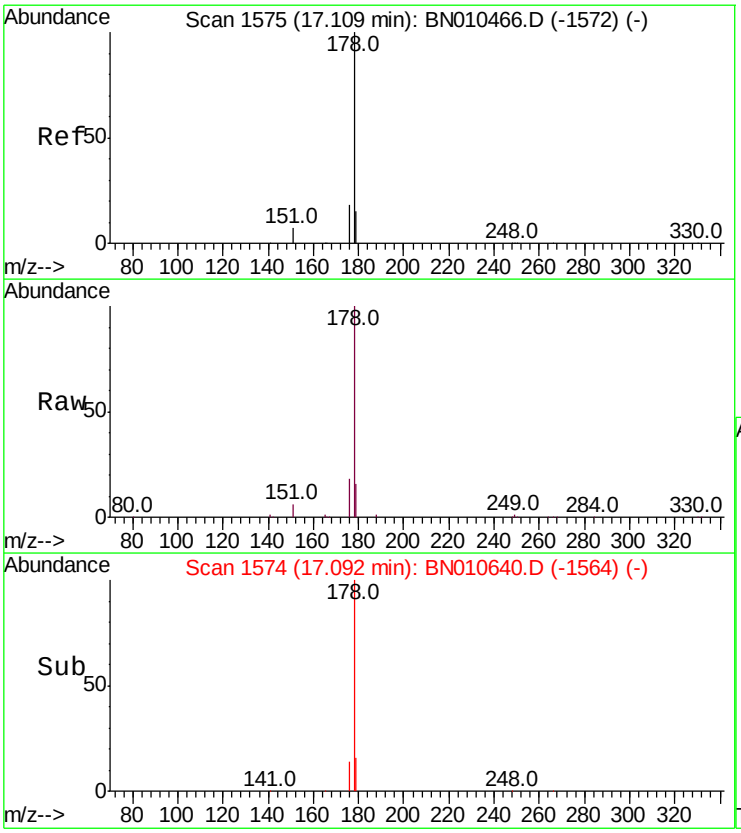
#23
Phenanthrene
Concen: 0.406 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 30439

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.6	18.8

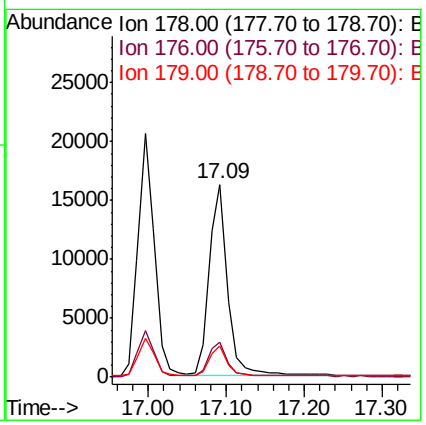


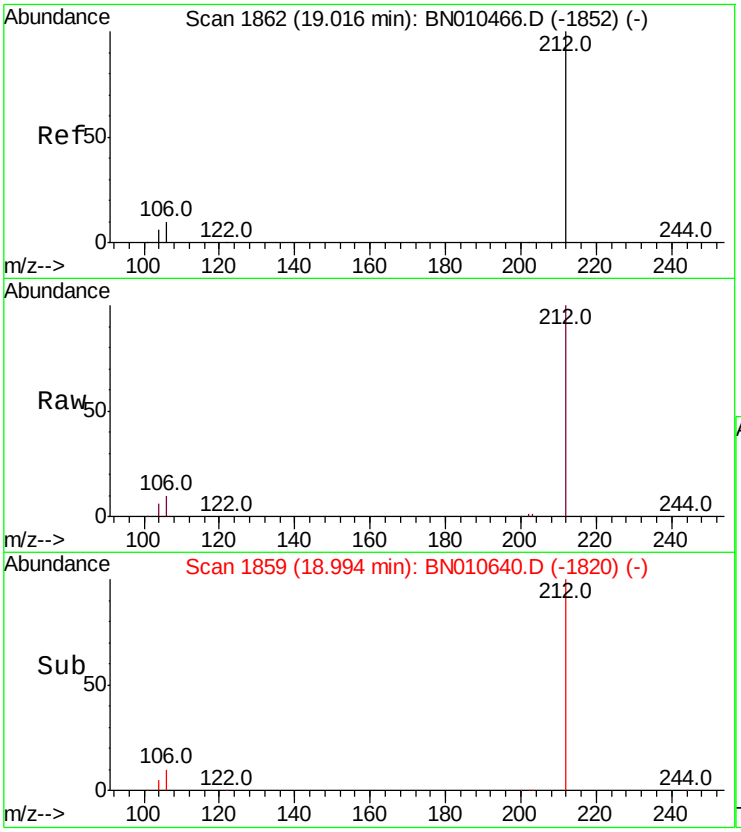


#24
Anthracene
Concen: 0.380 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:178 Resp: 26060

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.2	12.2	18.2



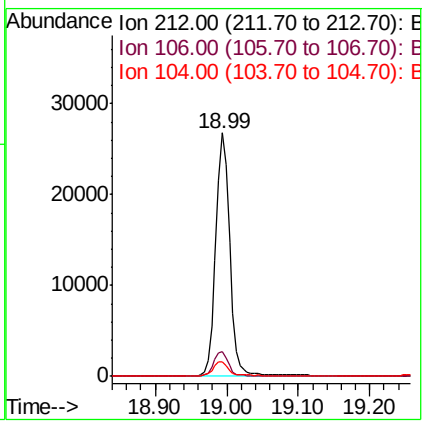


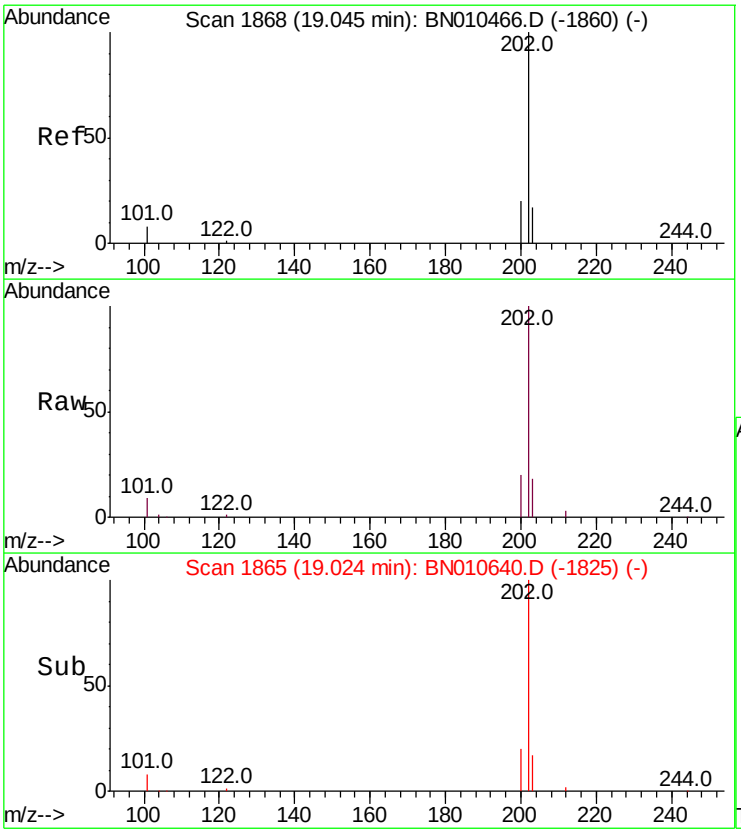
#25
Fluoranthene-d10
Concen: 0.428 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 36021

Ion	Ratio	Lower	Upper
212	100		
106	10.1	7.8	11.6
104	5.8	4.5	6.7

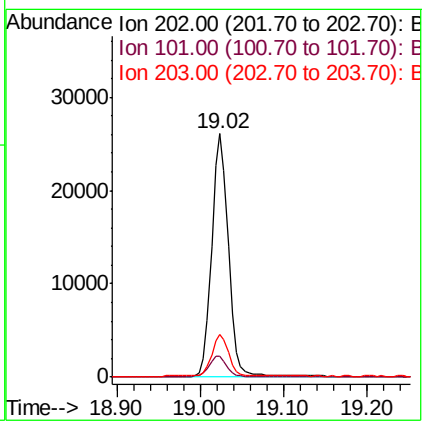


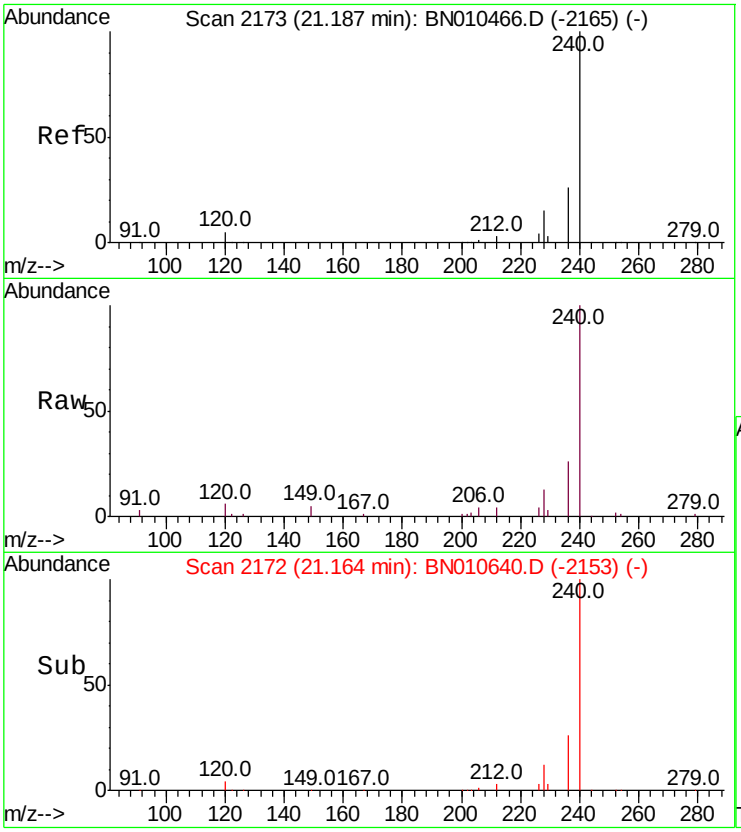


#26
Fluoranthene
Concen: 0.382 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:202 Resp: 35669

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.9	10.3
203	17.2	13.9	20.9



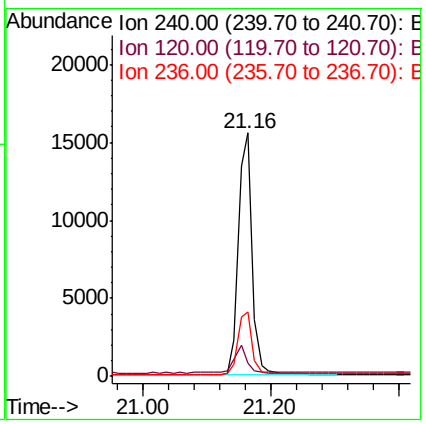


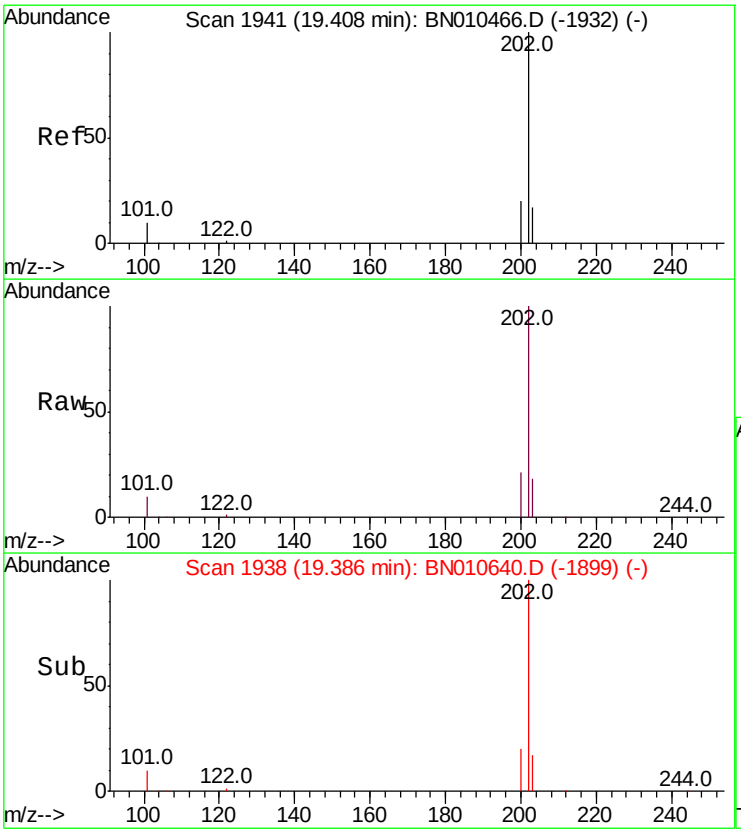
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 23279

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.8	7.2
236	26.2	21.4	32.0

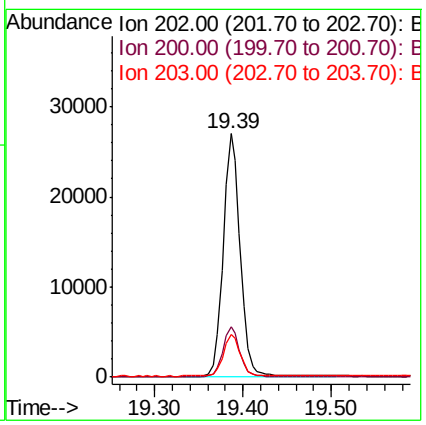


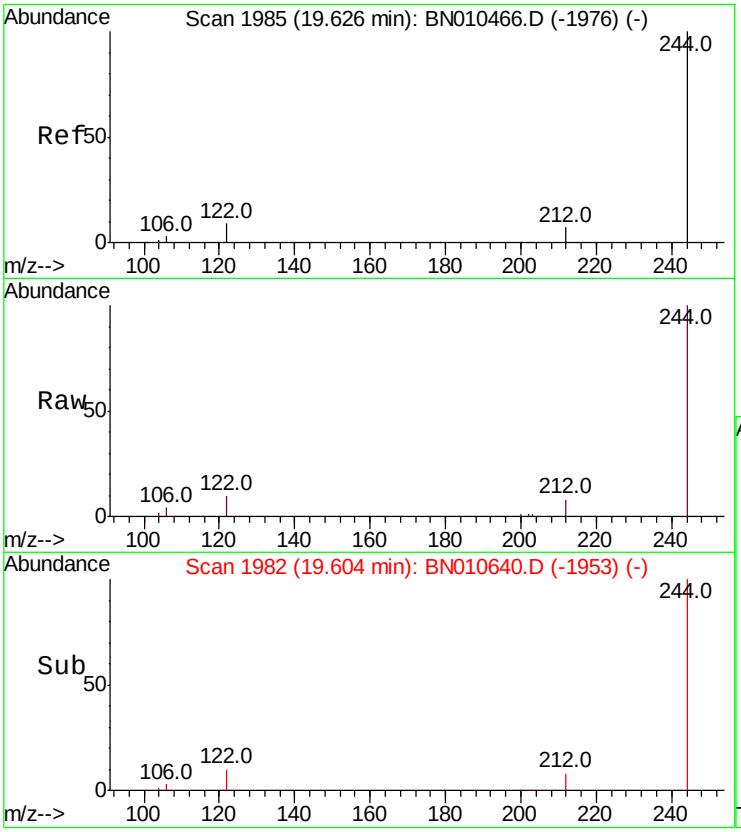


#28
Pyrene
Concen: 0.458 ng
RT: 19.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:202 Resp: 35910

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.6	14.0	21.0



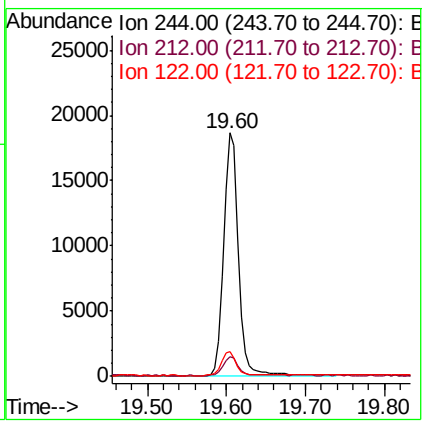


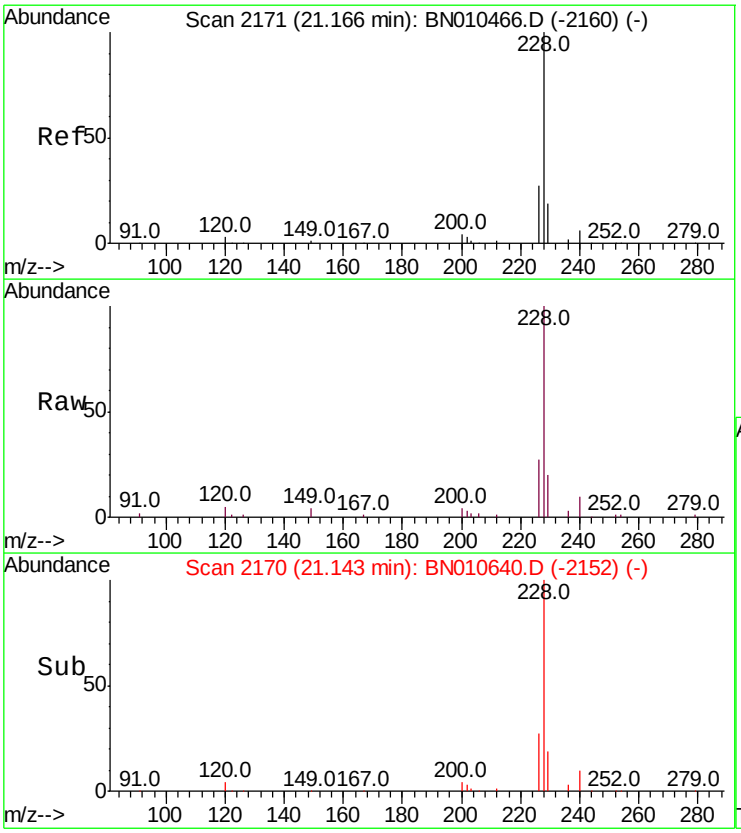
#29
Terphenyl-d14
Concen: 0.460 ng
RT: 19.60 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 24497

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	10.4	7.8	11.8

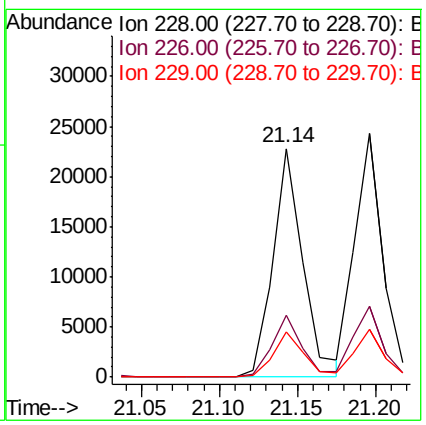


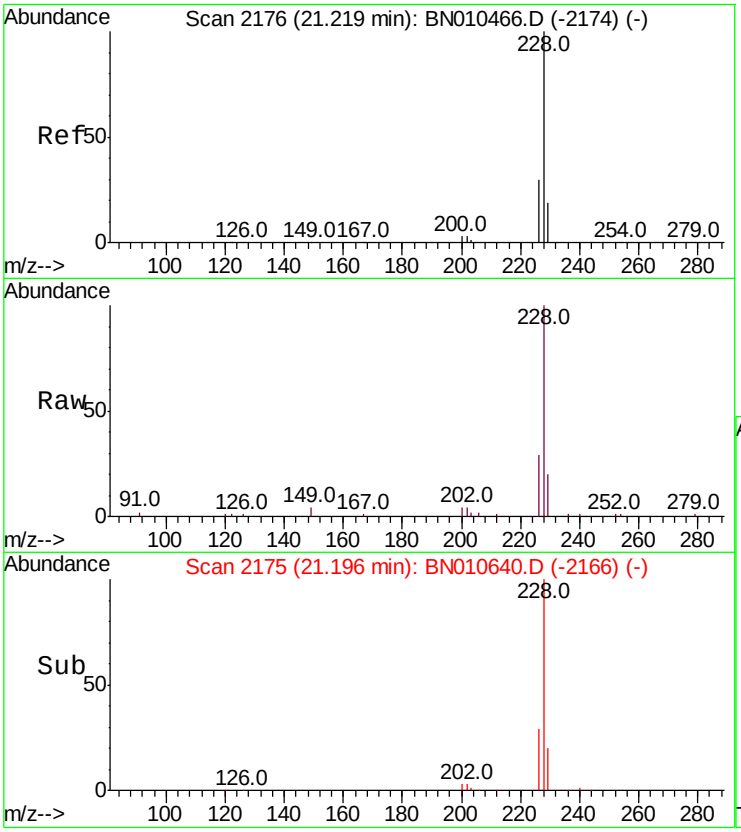


#30
Benzo(a)anthracene
Concen: 0.396 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:228 Resp: 30072

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.8	15.6	23.4



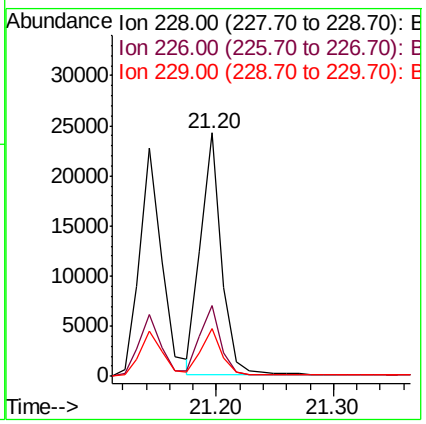


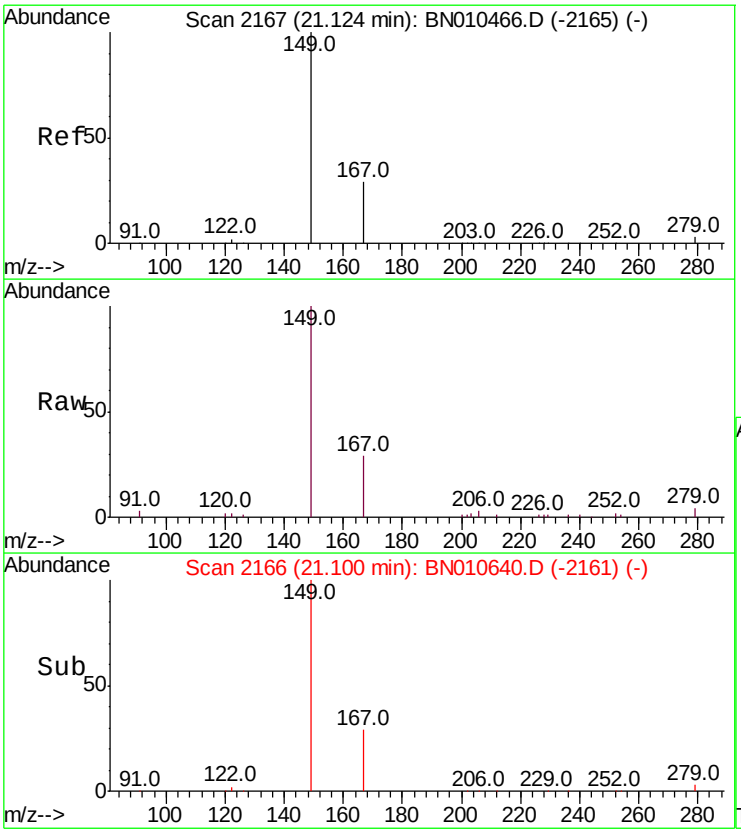
#31
Chrysene
Concen: 0.397 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 30003

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	19.9	15.8	23.6

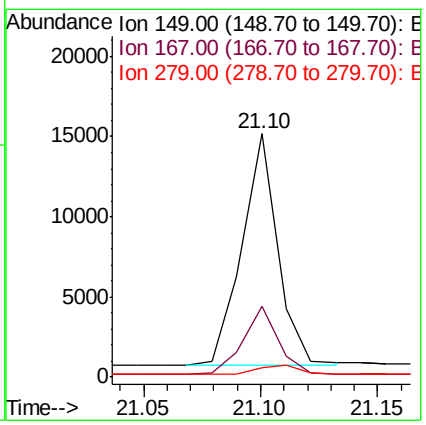


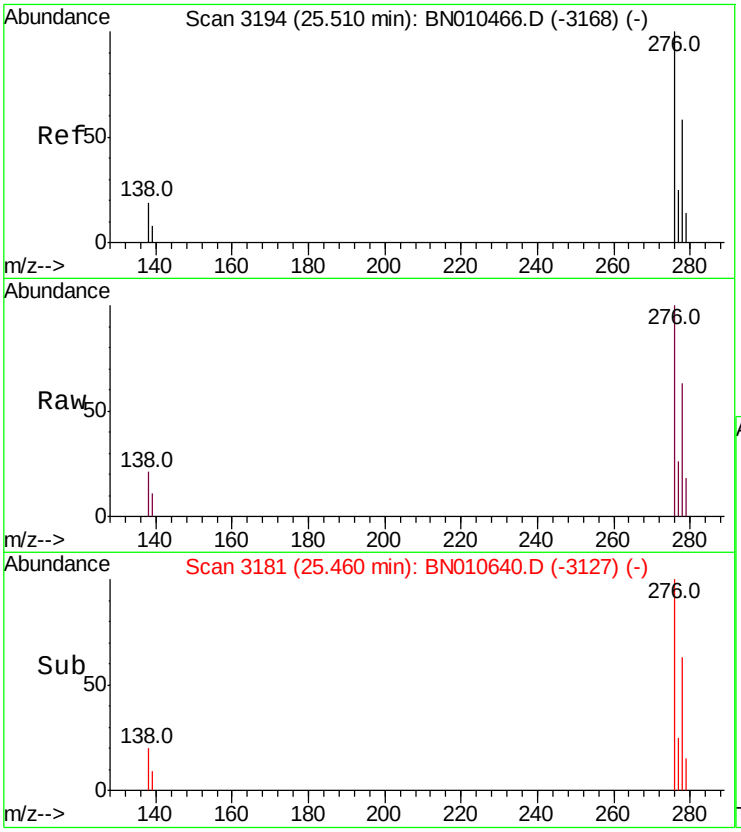


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.394 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:149 Resp: 15335

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	4.7	4.0	6.0



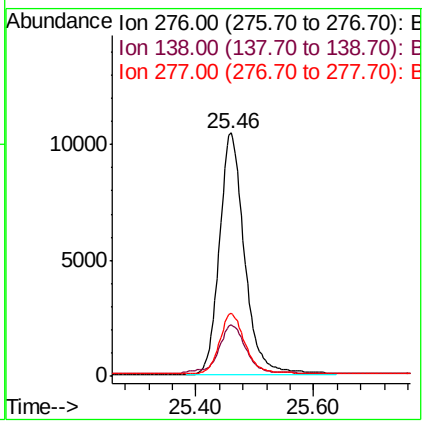


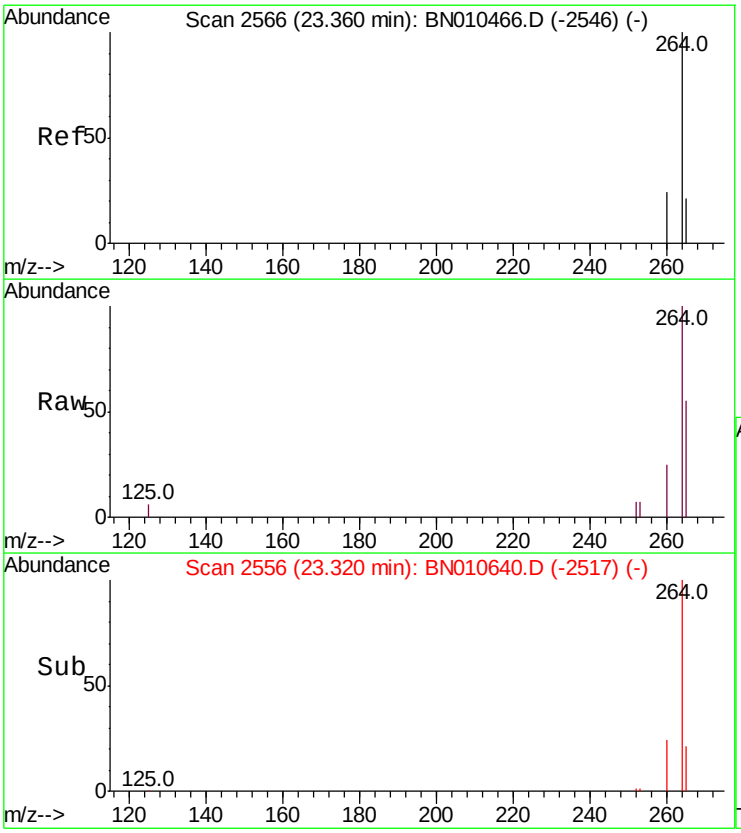
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng
RT: 25.46 min Scan# 3181
Delta R.T. -0.02 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 31003

Ion	Ratio	Lower	Upper
276	100		
138	21.9	16.4	24.6
277	24.9	19.8	29.6

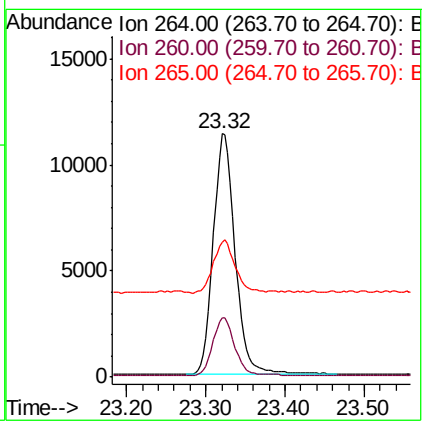


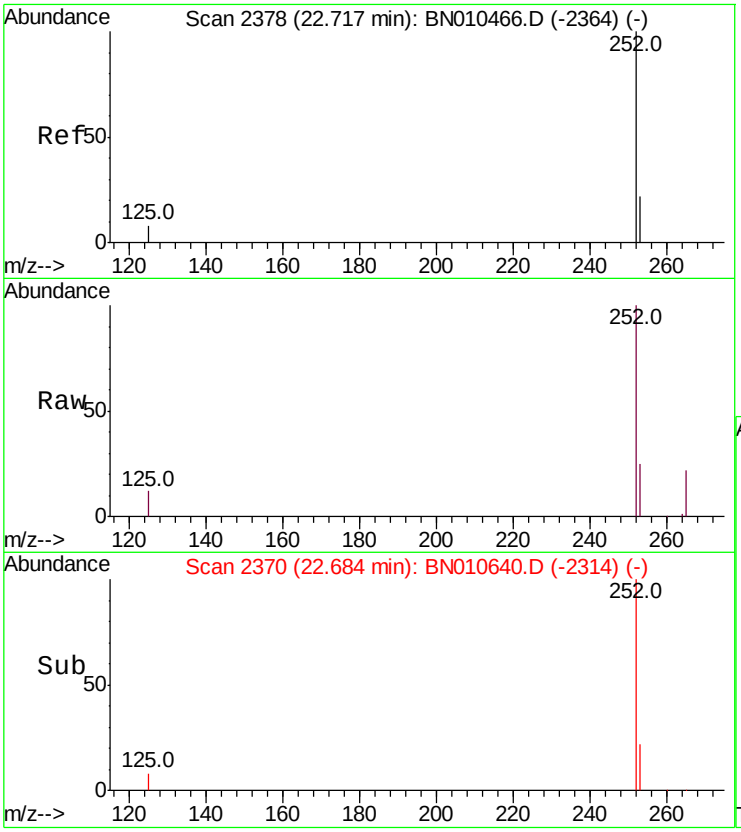


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:264 Resp: 21757

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	55.4	42.3	63.5



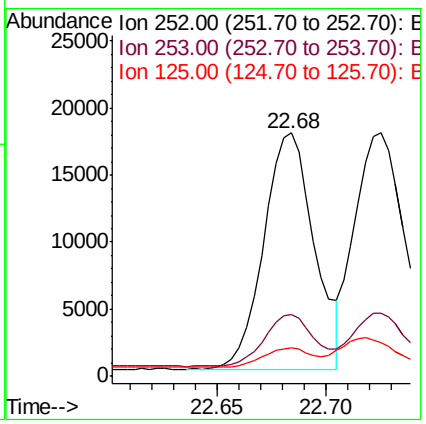


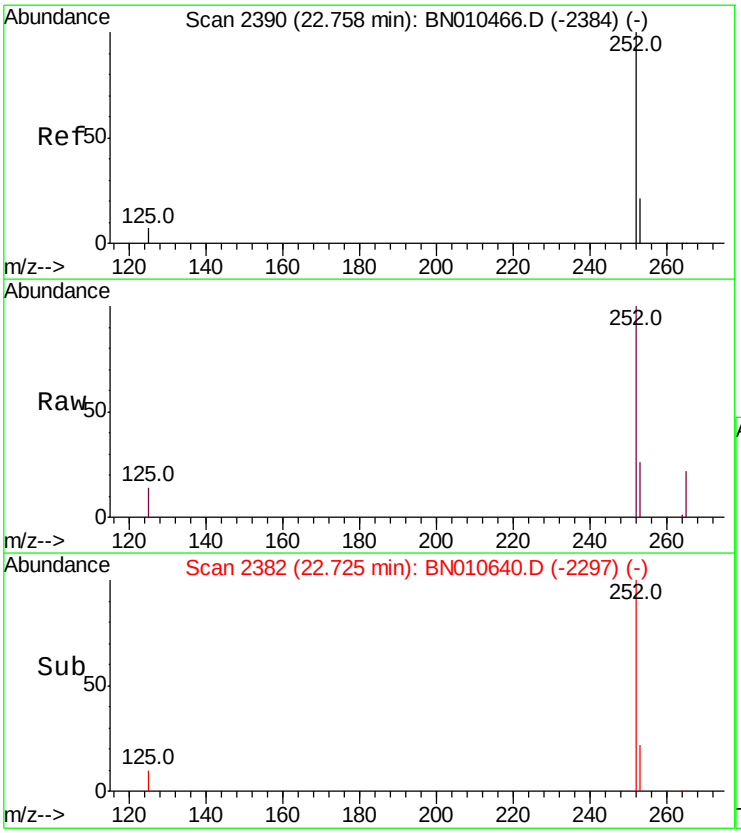
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.68 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 28341

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.2	30.4
125	11.7	9.2	13.8

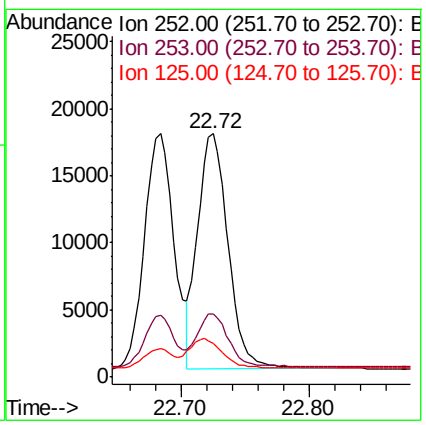


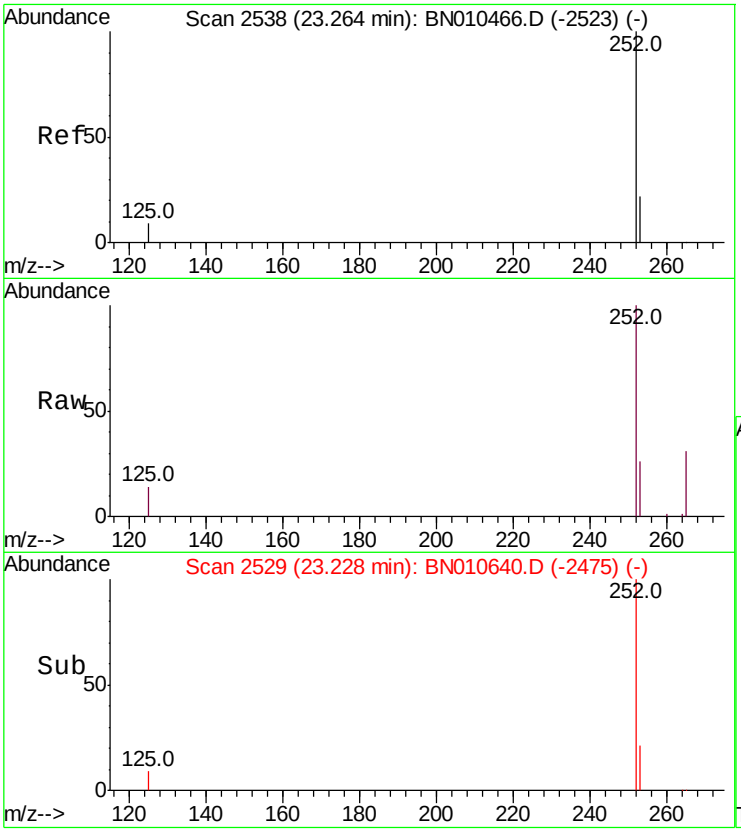


#36
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 22.72 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:252 Resp: 28903

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.1	30.1
125	13.6	9.6	14.4



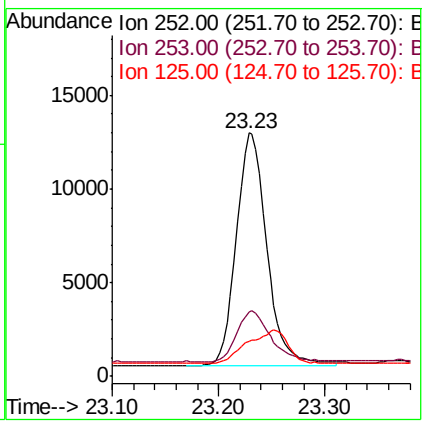


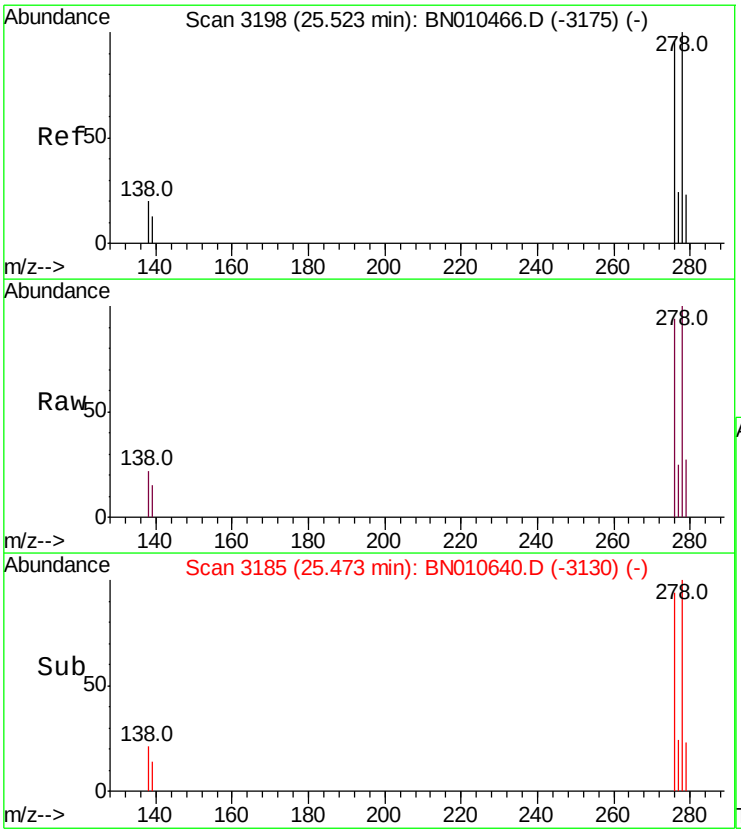
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.23 min Scan# 2529
Delta R.T. -0.02 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 25032

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.8	32.8
125	14.3	11.0	16.6

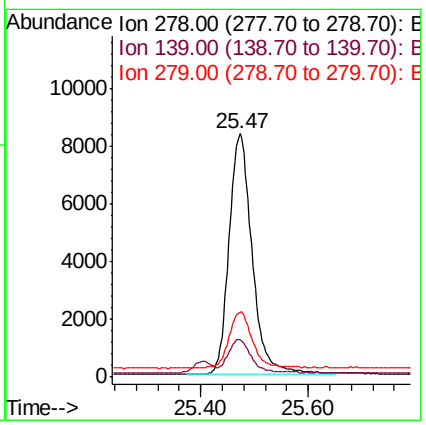


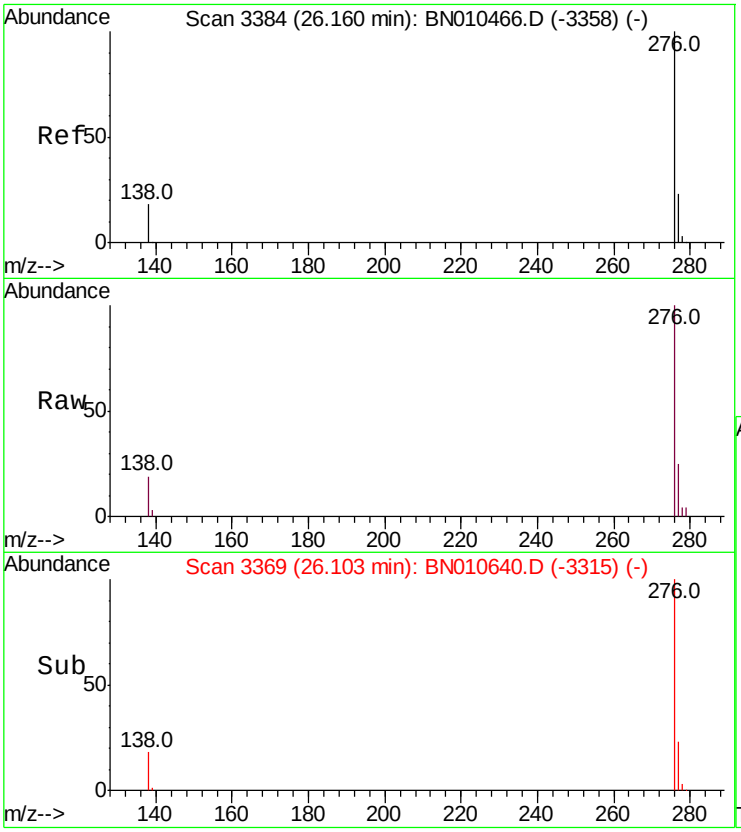


#38
Dibenzo(a,h)anthracene
Concen: 0.432 ng
RT: 25.47 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Tgt Ion:278 Resp: 25024

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.3	18.5
279	26.6	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.432 ng
RT: 26.10 min Scan# 3369
Delta R.T. -0.02 min
Lab File: BN010640.D
Acq: 29 Apr 2020 01:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 25198

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.2	30.2
138	19.5	15.4	23.2