Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
Data File : BN010919.D
Acq On : 16 Jun 2020 22:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 17 03:37:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2326	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	8284	0.40	ng		-0.01
13) Acenaphthene-d10	14.17	164	4529	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	9394	0.40	ng		-0.01
27) Chrysene-d12	21.12	240	8639	0.40	ng		-0.01
34) Perylene-d12	23.27	264	8858	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	2386	0.53	ng		0.00
5) Phenol-d6	6.74	99	2591	0.49	ng		0.00
8) Nitrobenzene-d5	8.68	82	2608	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	5855	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	640	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	7692	0.43	ng		0.00
25) Fluoranthene-d10	18.95	212	11955	0.46	ng		0.00
29) Terphenyl-d14	19.57	244	8978	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1164	0.511	ng		97
3) n-Nitrosodimethylamine	3.56	42	523	0.395	ng	#	96
6) bis(2-Chloroethyl)ether	6.99	93	2478	0.480	ng		94
9) Naphthalene	10.34	128	8867	0.426	ng		99
10) Hexachlorobutadiene	10.63	225	2077	0.404	ng	#	99
12) 2-Methylnaphthalene	11.97	142	6704	0.481	ng		97
16) Acenaphthylene	13.88	152	7730	0.417	ng		99
17) Acenaphthene	14.22	154	5323	0.421	ng		99
18) Fluorene	15.22	166	6837	0.419	ng		98
20) 4-Bromophenyl-phenylether	16.12	248	2223	0.394	ng		99
21) Hexachlorobenzene	16.23	284	2428	0.412	ng		97
22) Pentachlorophenol	16.58	266	765	0.387	ng		98
23) Phenanthrene	16.95	178	10724	0.418	ng		99
24) Anthracene	17.05	178	8742	0.408	ng		99
26) Fluoranthene	18.98	202	13574	0.466	ng		99
28) Pyrene	19.35	202	13112	0.459	ng		100
30) Benzo(a)anthracene	21.10	228	10568	0.416	ng		97
31) Chrysene	21.15	228	12798	0.432	ng		98
32) Bis(2-ethylhexyl)phthalate	21.06	149	3755	0.444	ng		97
33) Indeno(1,2,3-cd)pyrene	25.37	276	15974	0.483	ng	#	96
35) Benzo(b)fluoranthene	22.63	252	12153	0.403	ng		98
36) Benzo(k)fluoranthene	22.68	252	13141	0.410	ng		99
37) Benzo(a)pyrene	23.18	252	10778	0.417	ng		96
38) Dibenzo(a,h)anthracene	25.38	278	12929	0.439	ng		97
39) Benzo(g,h,i)perylene	26.01	276	12244	0.398	ng		98

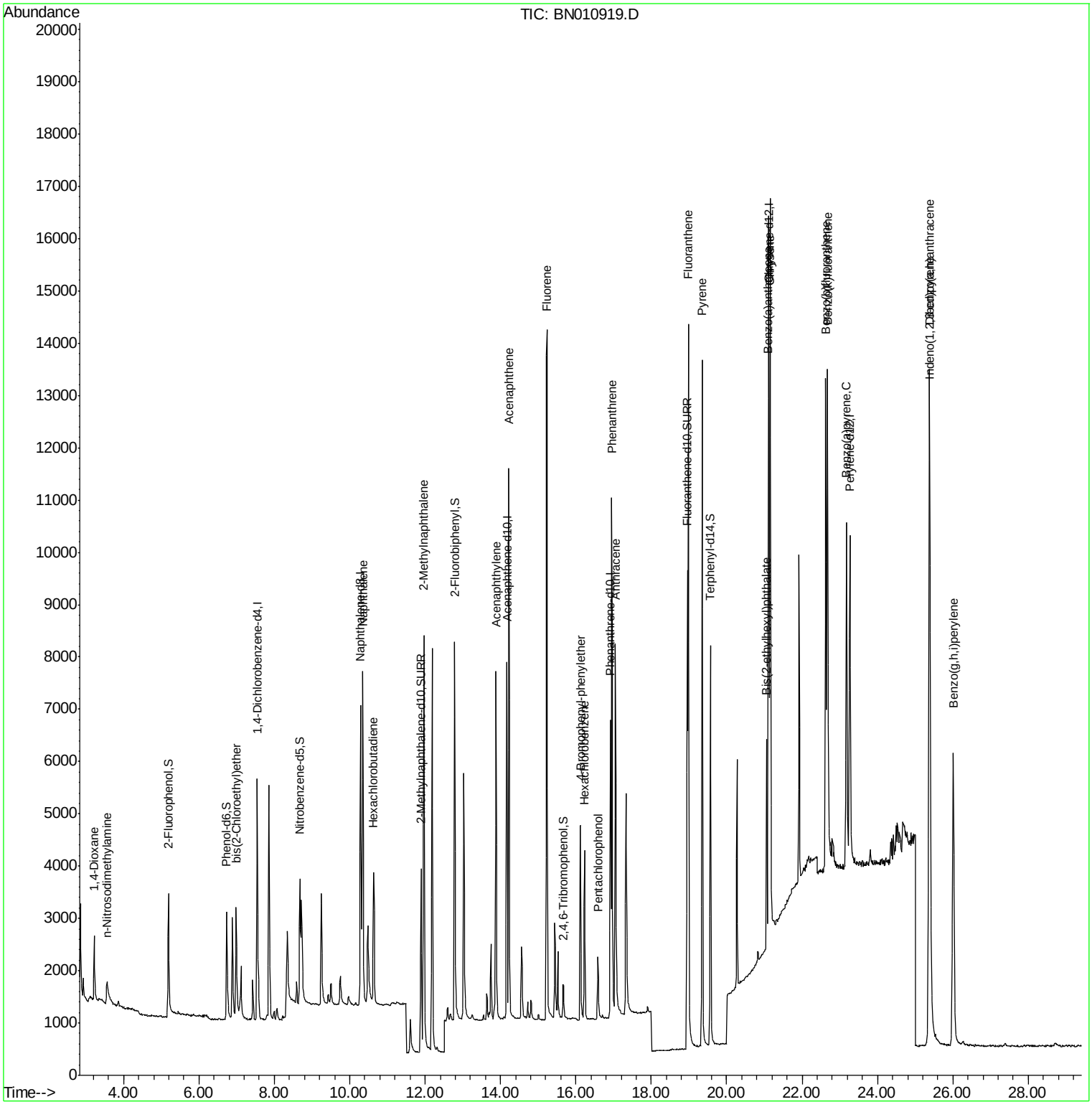
(#) = qualifier out of range (m) = manual integration (+) = signals summed

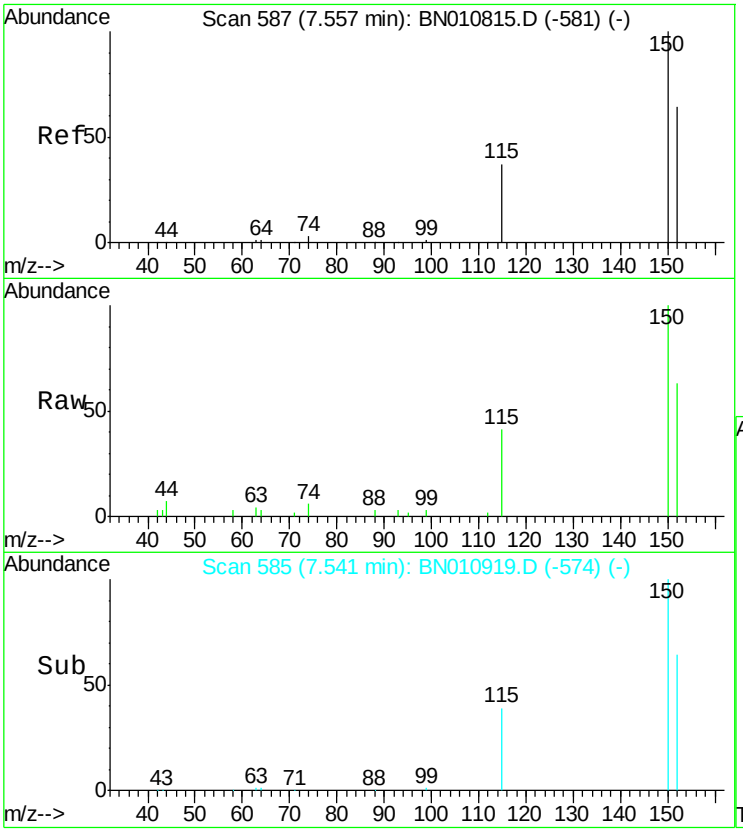
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
Data File : BN010919.D
Acq On : 16 Jun 2020 22:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 17 03:37:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration



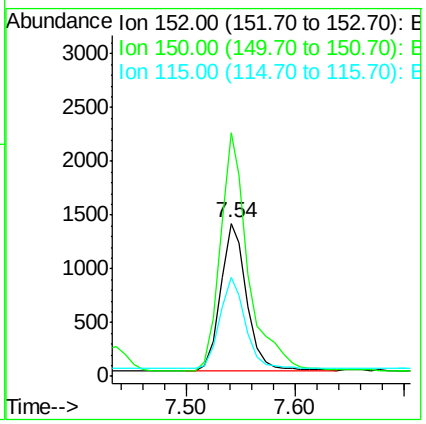


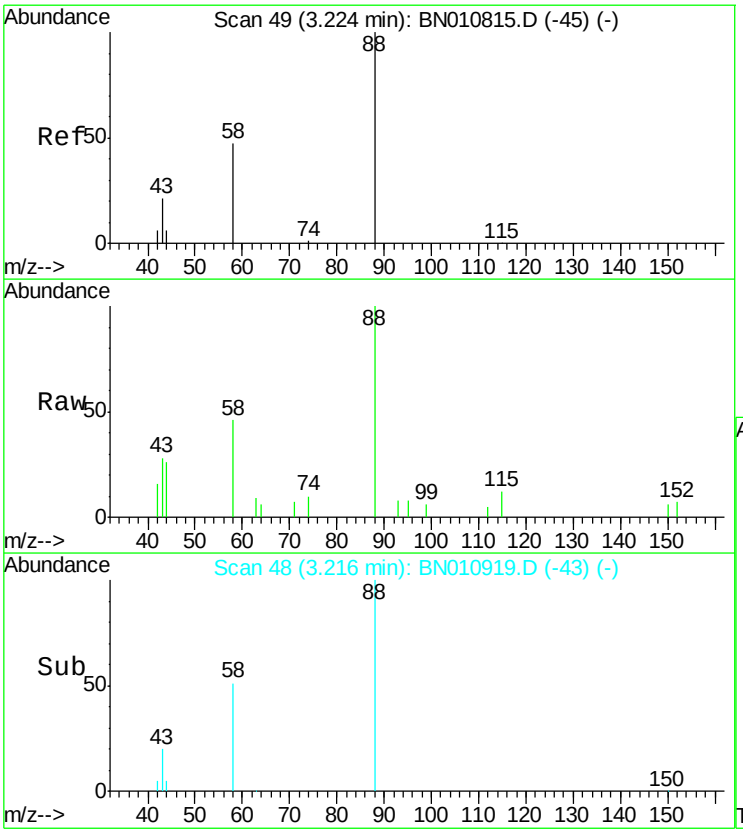
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2326

Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.8	185.6
115	65.0	49.2	73.8

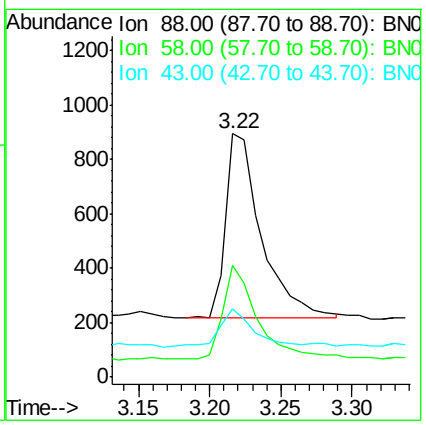


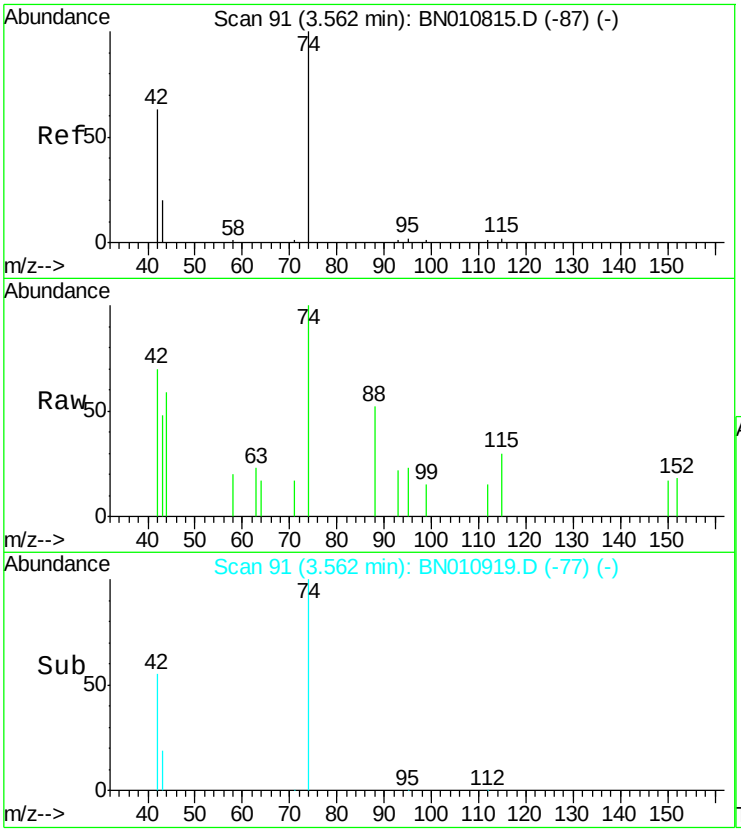


#2
1,4-Dioxane
Concen: 0.511 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion: 88 Resp: 1164

Ion	Ratio	Lower	Upper
88	100		
58	49.3	38.2	57.4
43	16.4	15.1	22.7



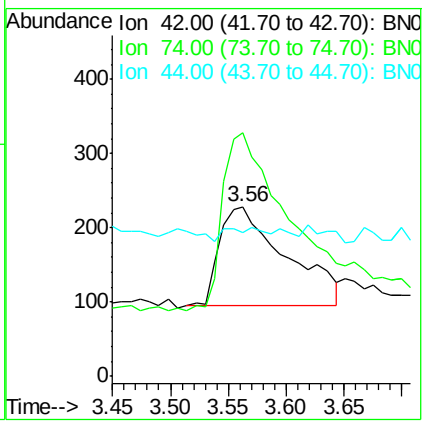


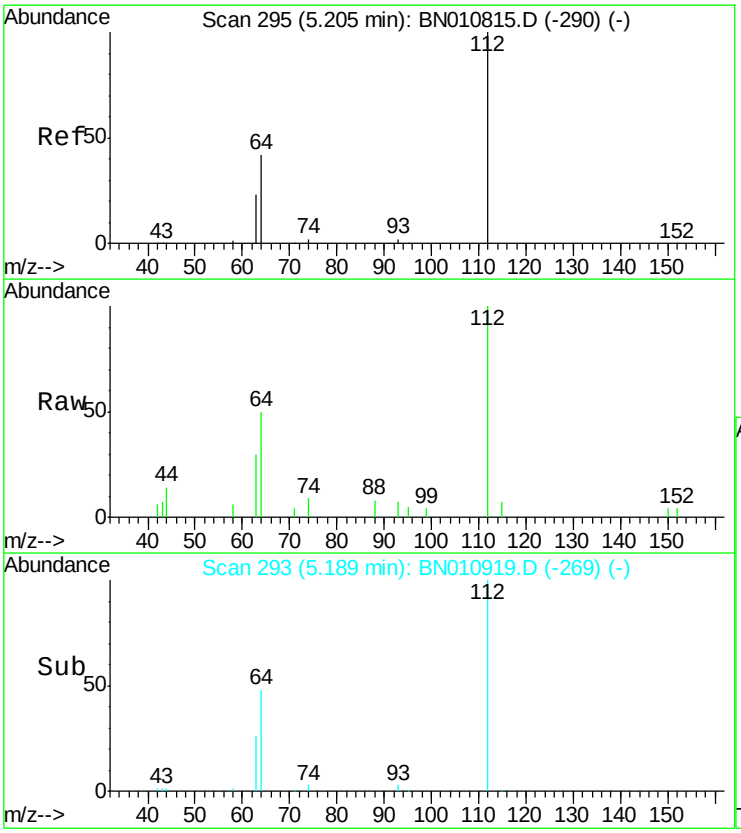
#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.02 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 523

Ion	Ratio	Lower	Upper
42	100		
74	181.3	140.7	211.1
44	4.4	1.4	2.2#

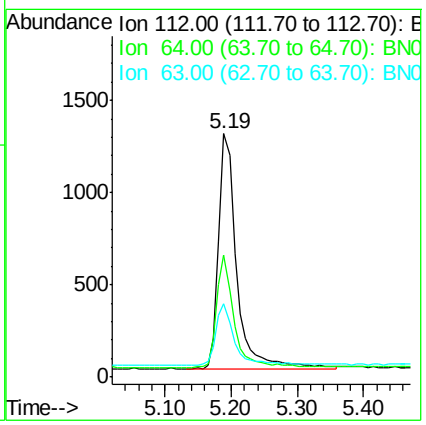


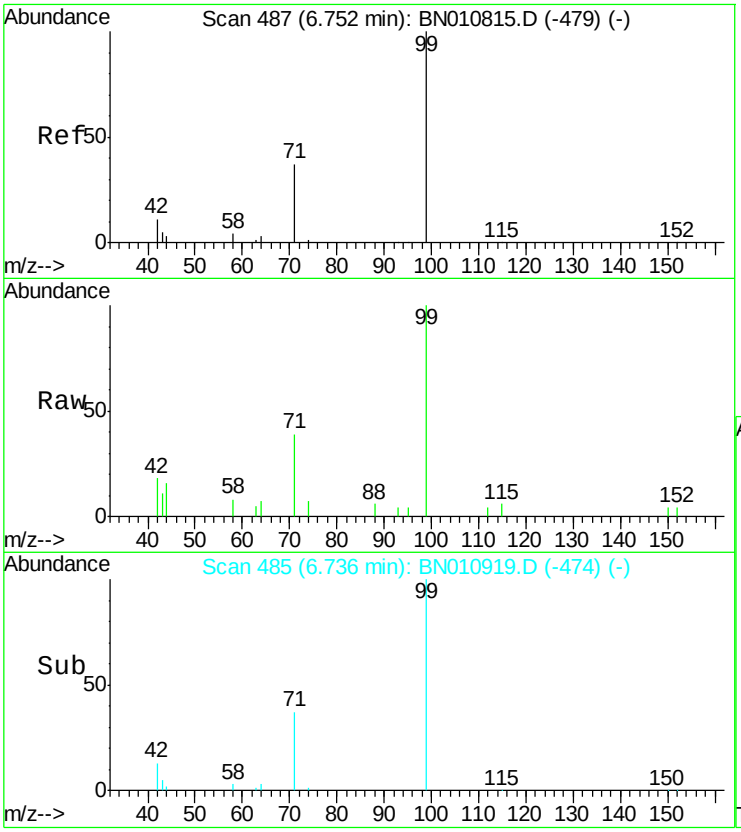


#4
2-Fluorophenol
Concen: 0.531 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:112 Resp: 2386

Ion	Ratio	Lower	Upper
112	100		
64	46.2	37.4	56.0
63	27.0	22.2	33.4



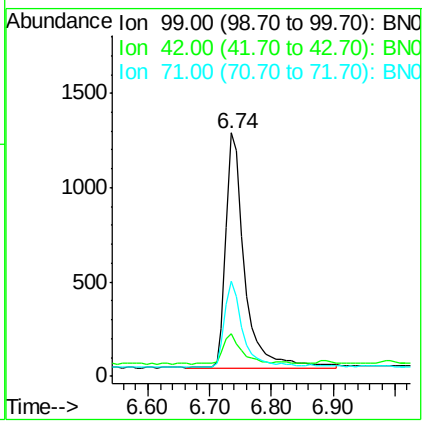


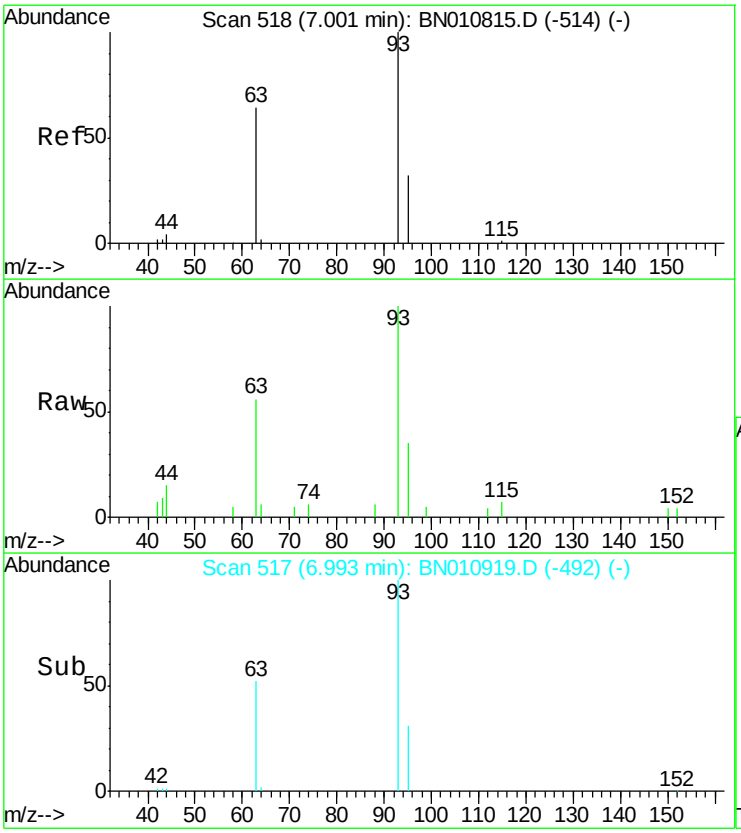
#5
Phenol-d6
Concen: 0.490 ng
RT: 6.74 min Scan# 485
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2591

Ion	Ratio	Lower	Upper
99	100		
42	12.0	11.1	16.7
71	35.8	31.4	47.2

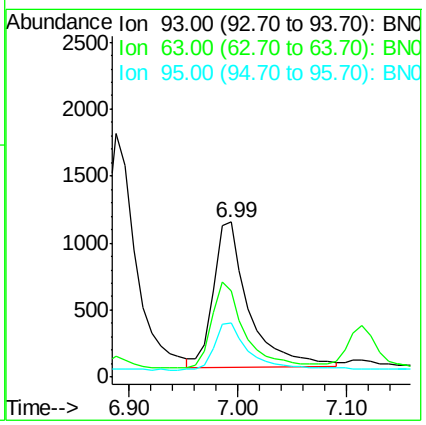


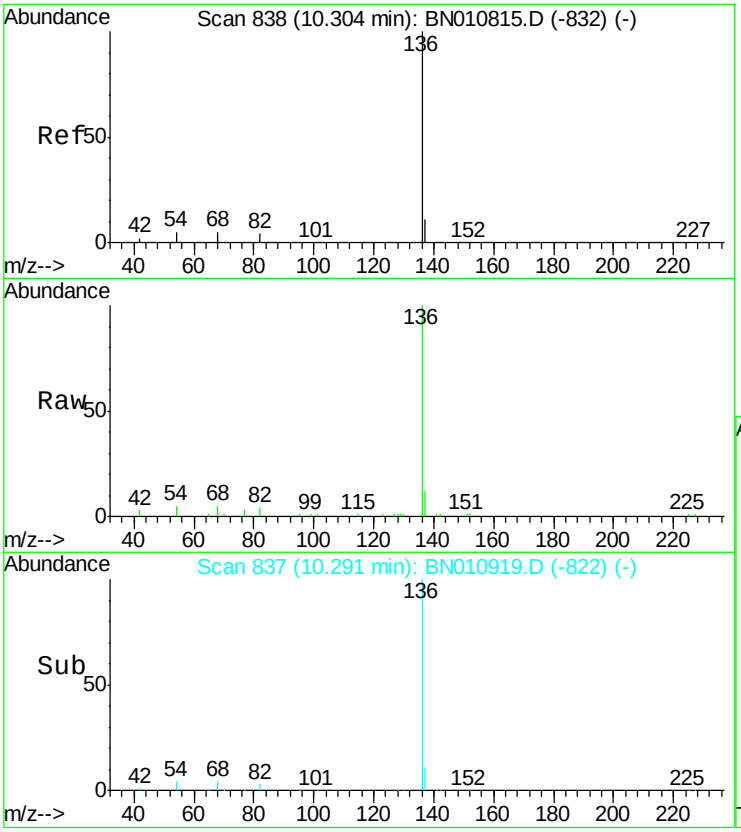


#6
bis(2-Chloroethyl)ether
Concen: 0.480 ng
RT: 6.99 min Scan# 517
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion: 93 Resp: 2478

Ion	Ratio	Lower	Upper
93	100		
63	55.2	49.4	74.2
95	32.8	26.7	40.1



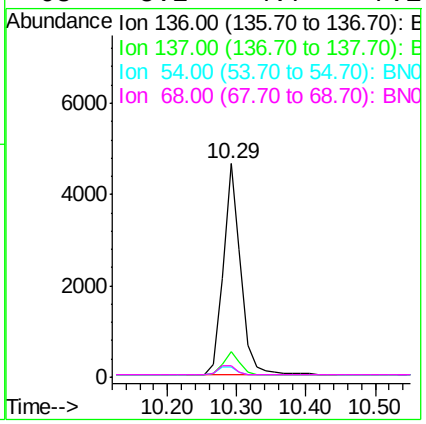


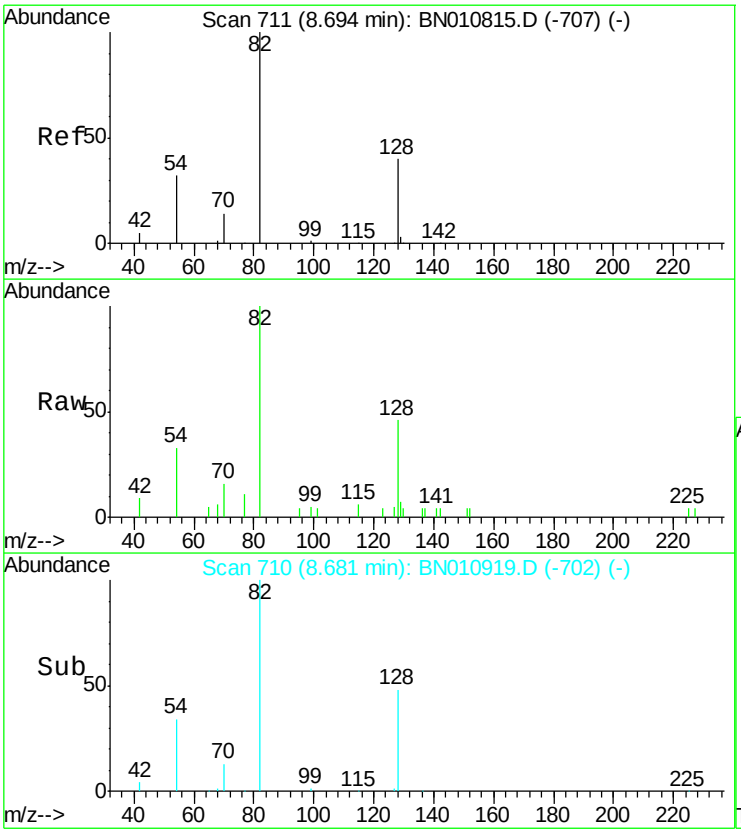
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 8284

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	4.7	4.9	7.3#
68	5.2	4.7	7.1

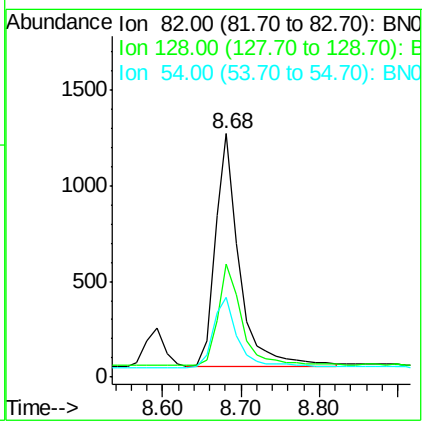


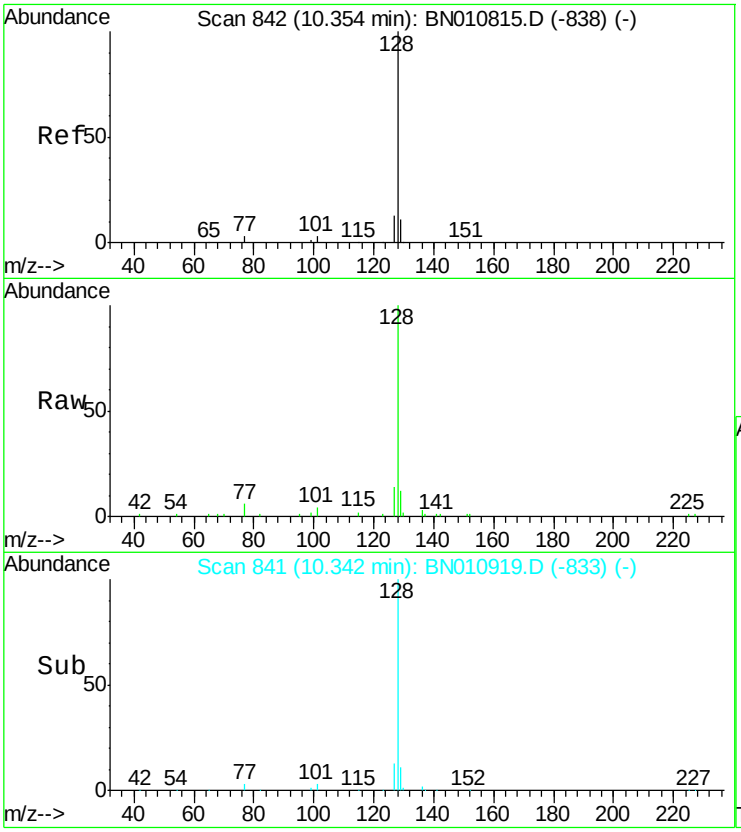


#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion: 82 Resp: 2608

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.4	53.0
54	32.9	28.2	42.4



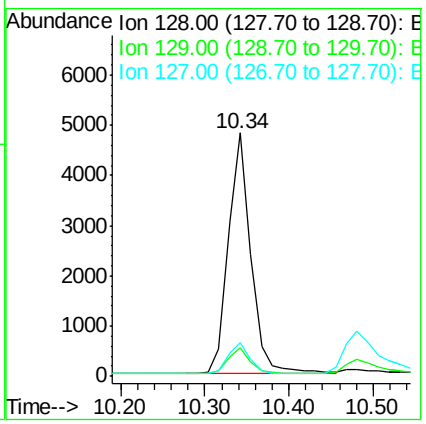


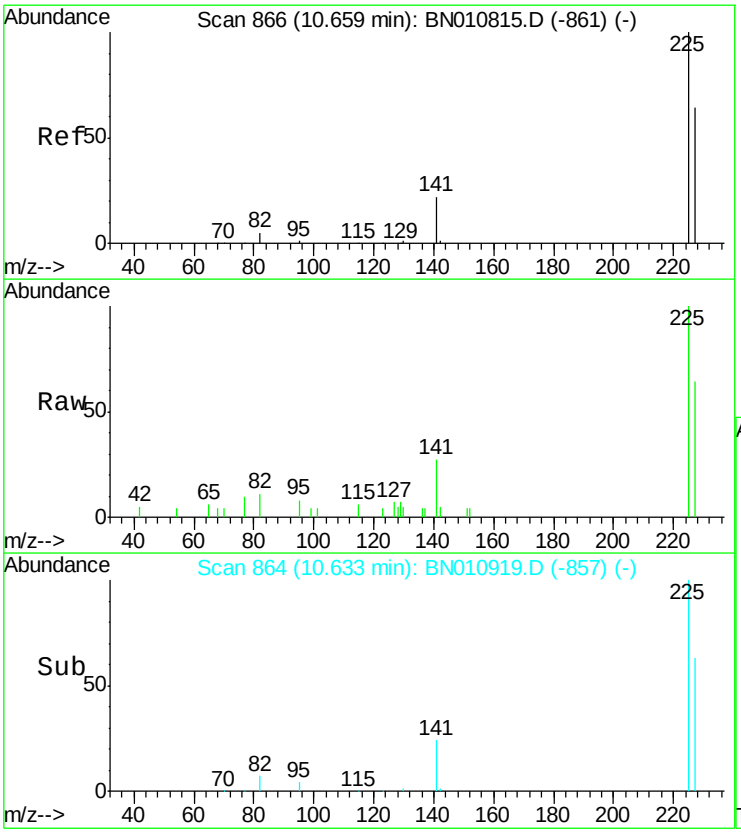
#9
Naphthalene
Concen: 0.426 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 8867

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	13.8	11.4	17.2

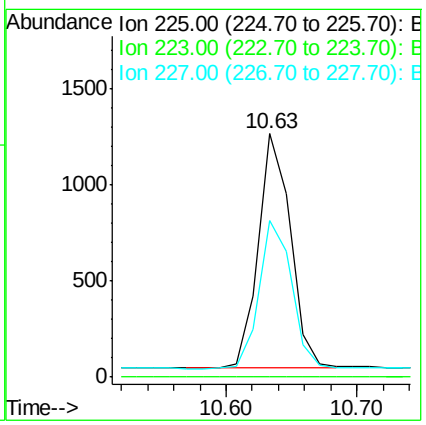


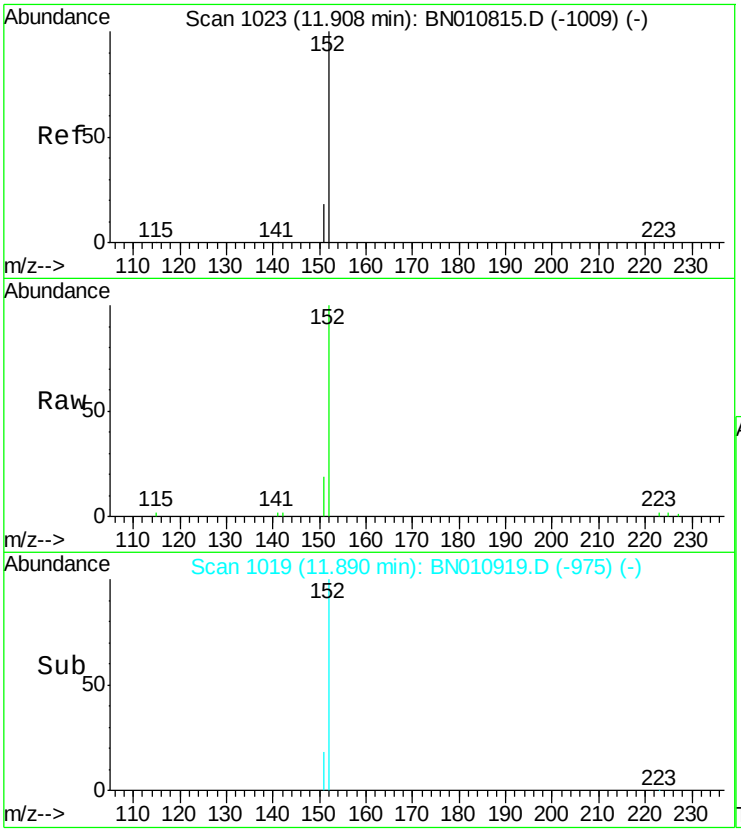


#10
Hexachlorobutadiene
Concen: 0.404 ng
RT: 10.63 min Scan# 864
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:225 Resp: 2077

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.5	75.7



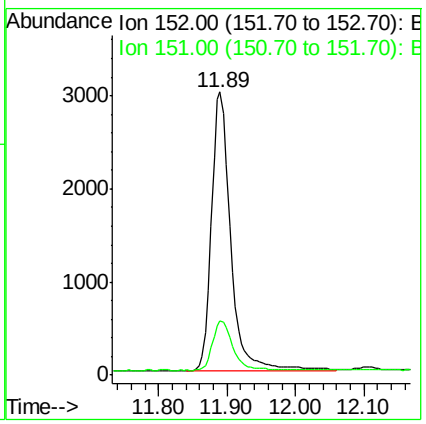


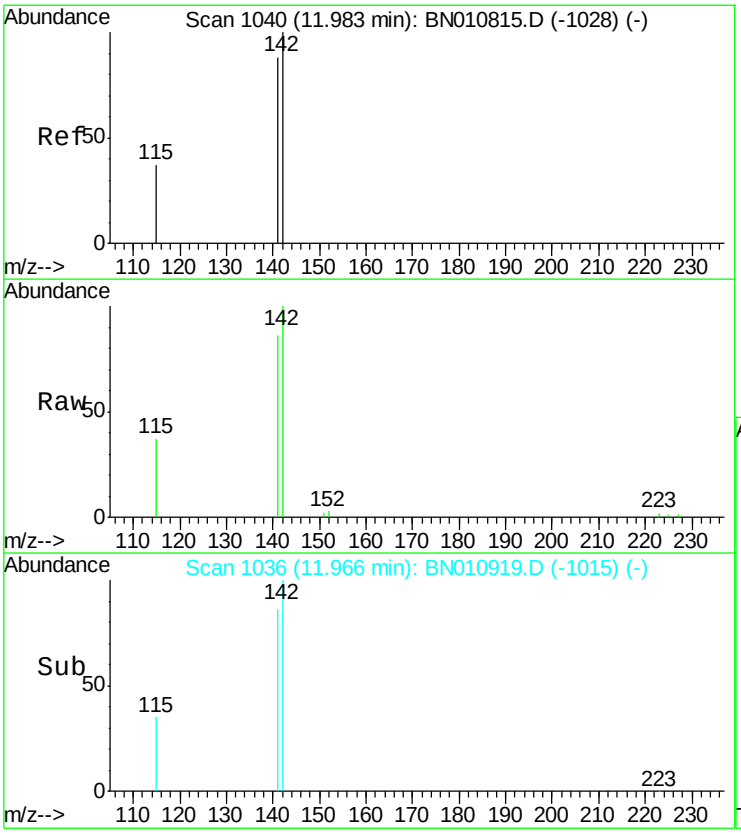
#11
2-Methylnaphthalene-d10
Concen: 0.456 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5855

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.3	22.9

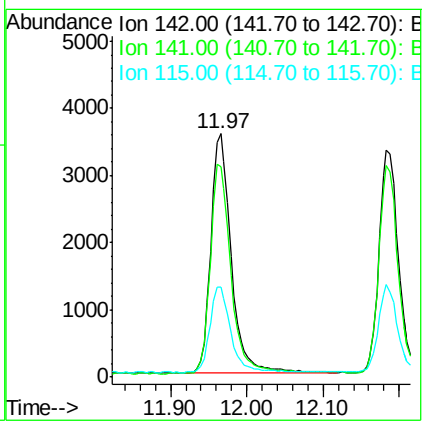


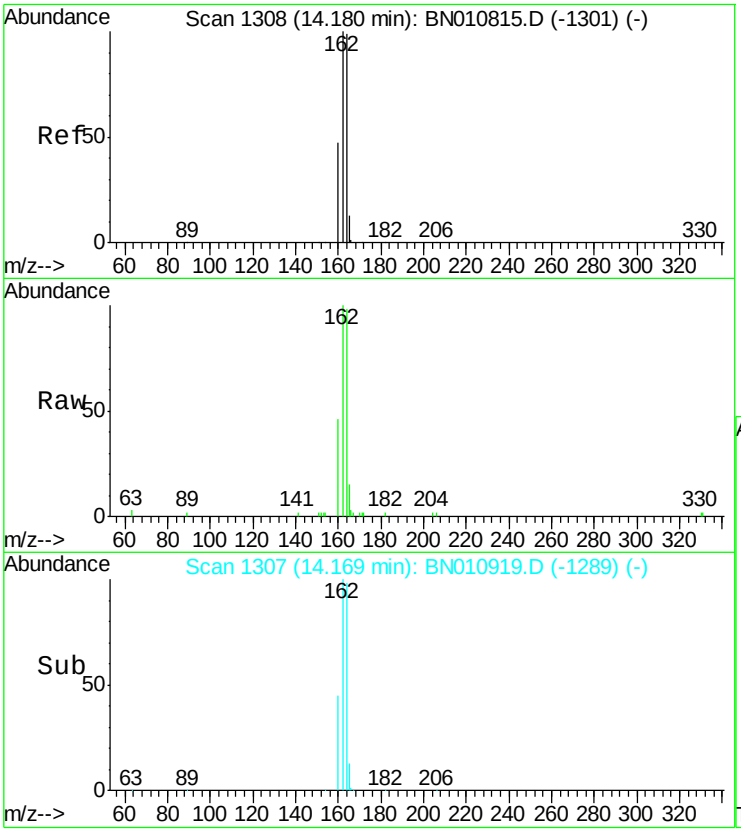


#12
2-Methylnaphthalene
Concen: 0.481 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:142 Resp: 6704

Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.8	106.2
115	36.7	31.5	47.3



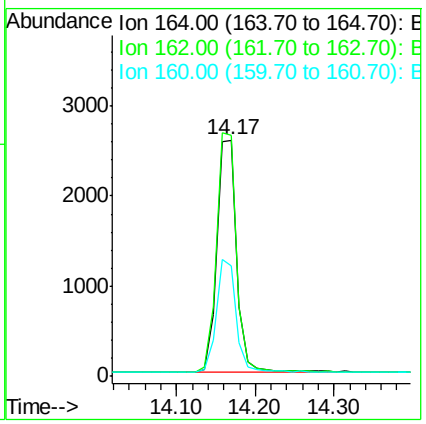


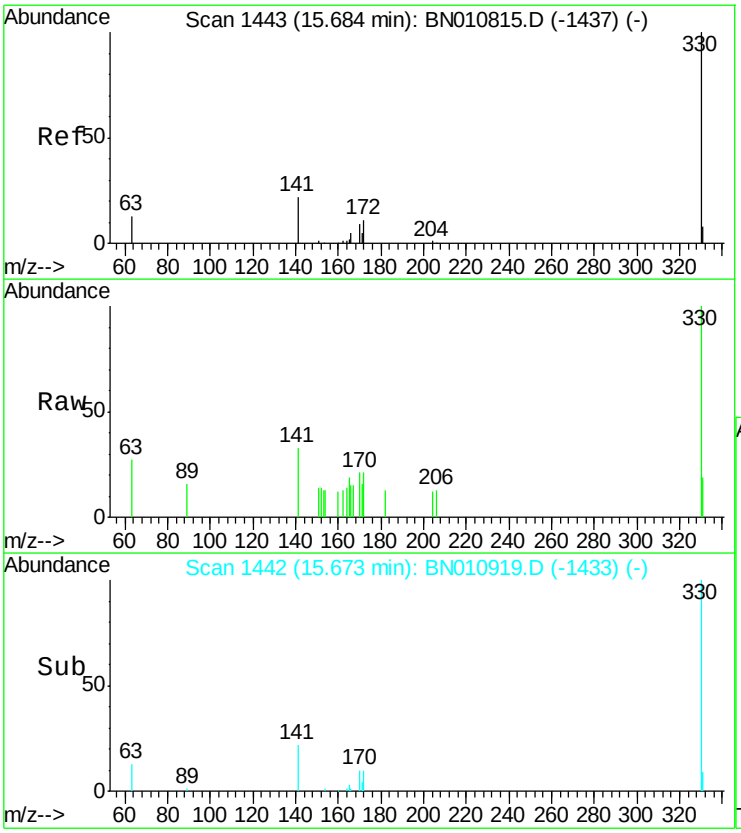
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 4529

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.0	121.6
160	46.6	38.9	58.3

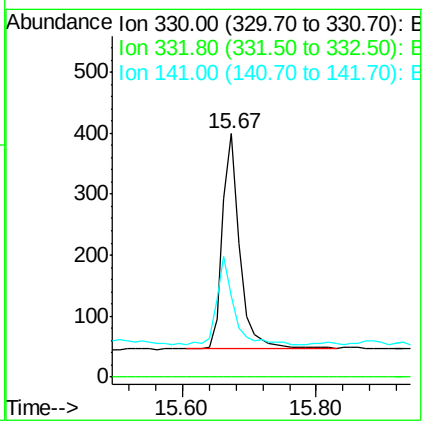


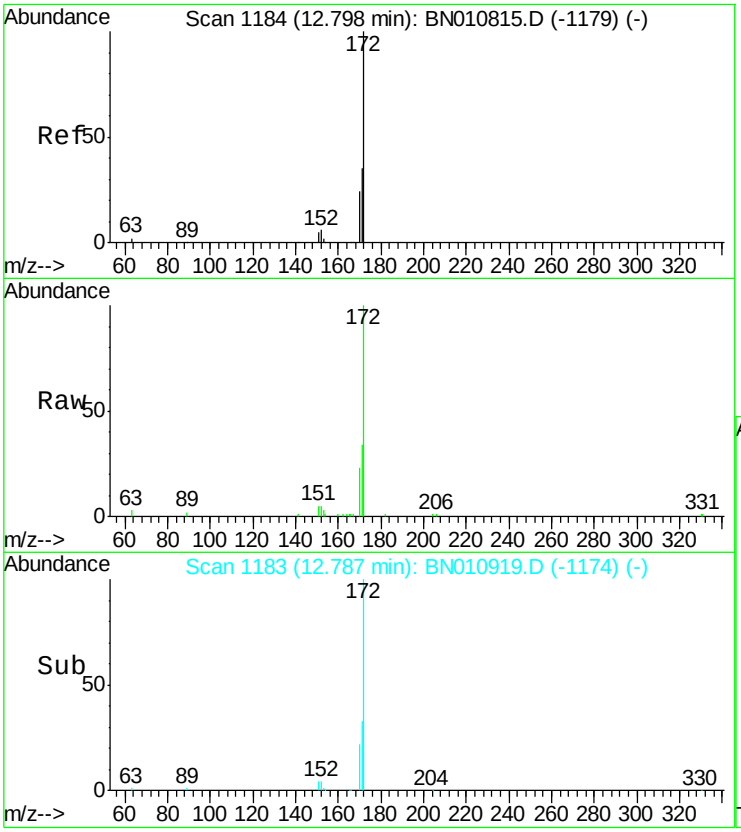


#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:330 Resp: 640

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.4	33.2	49.8



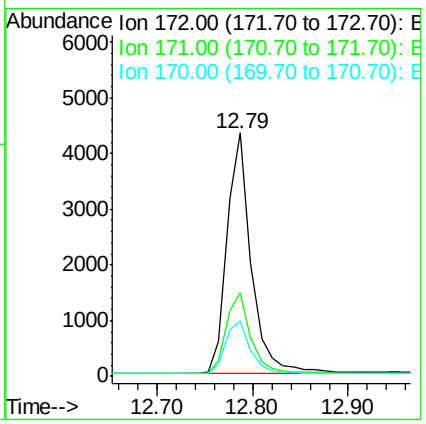


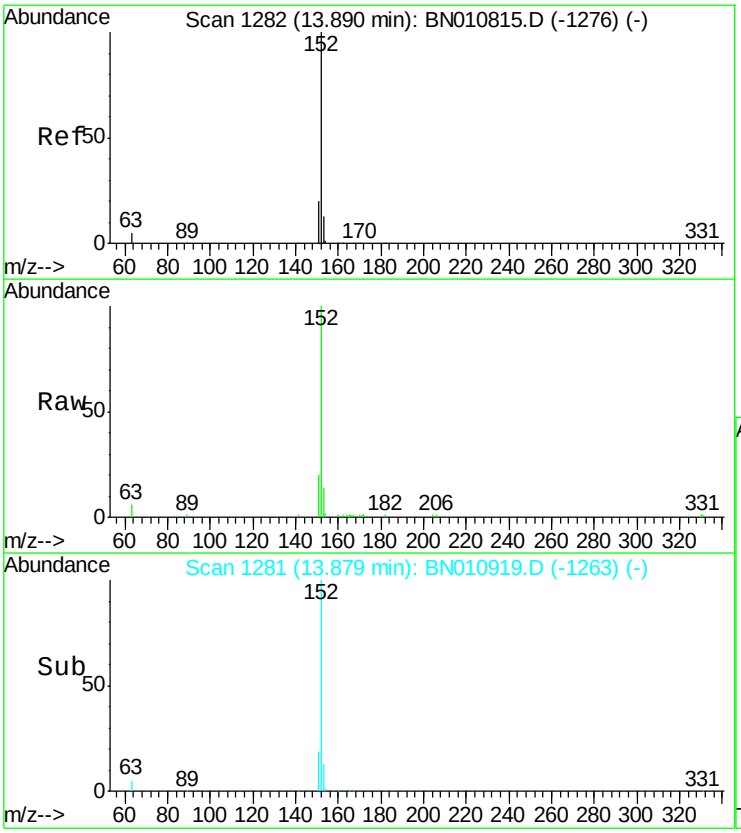
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 7692

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	22.9	19.7	29.5

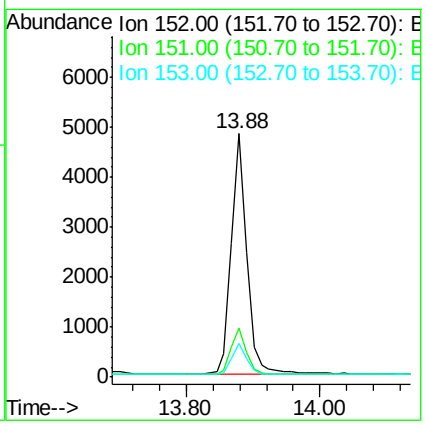


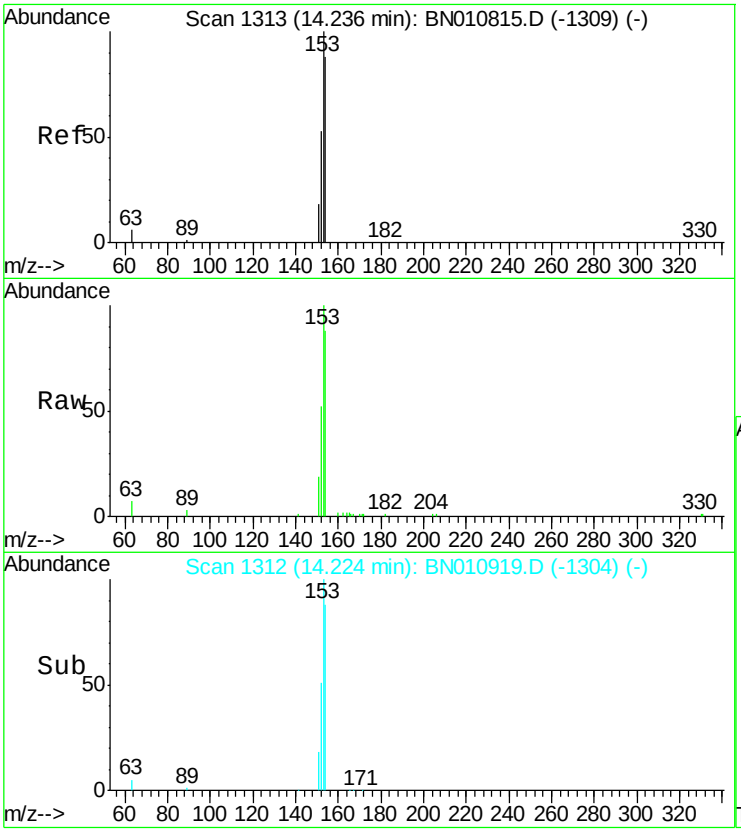


#16
Acenaphthylene
Concen: 0.417 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:152 Resp: 7730

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	12.7	10.6	16.0



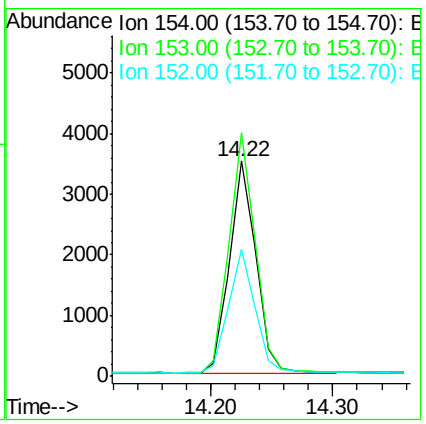


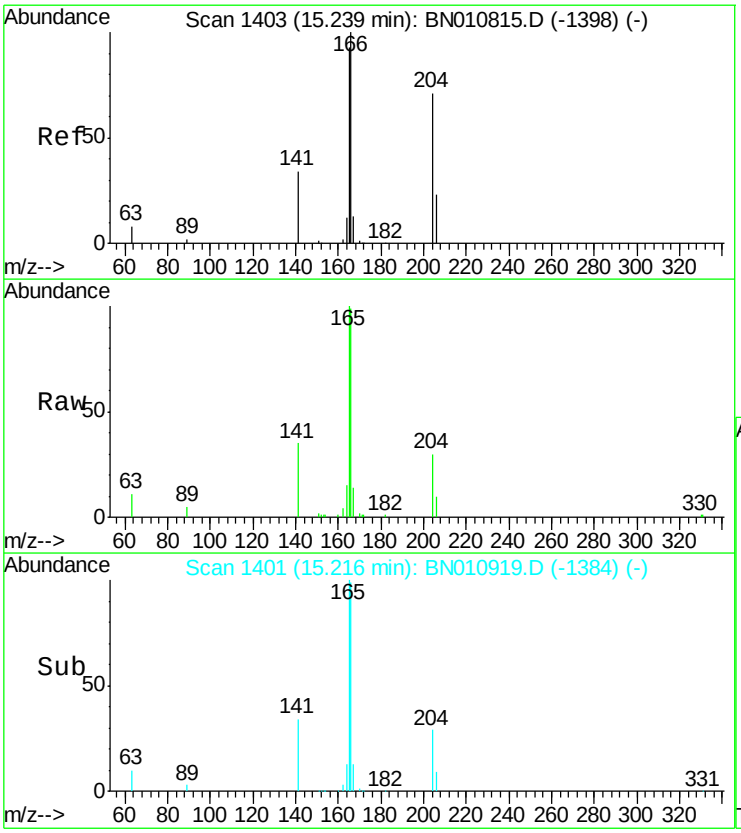
#17
Acenaphthene
Concen: 0.421 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 5323

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.8	137.6
152	58.8	47.6	71.4

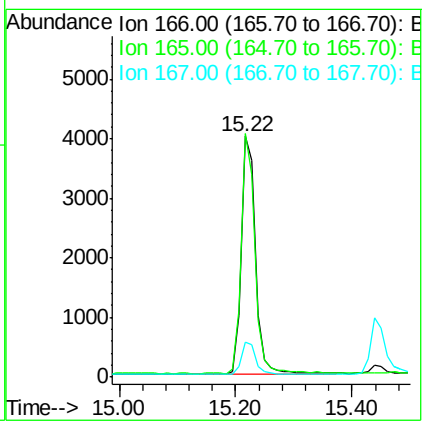


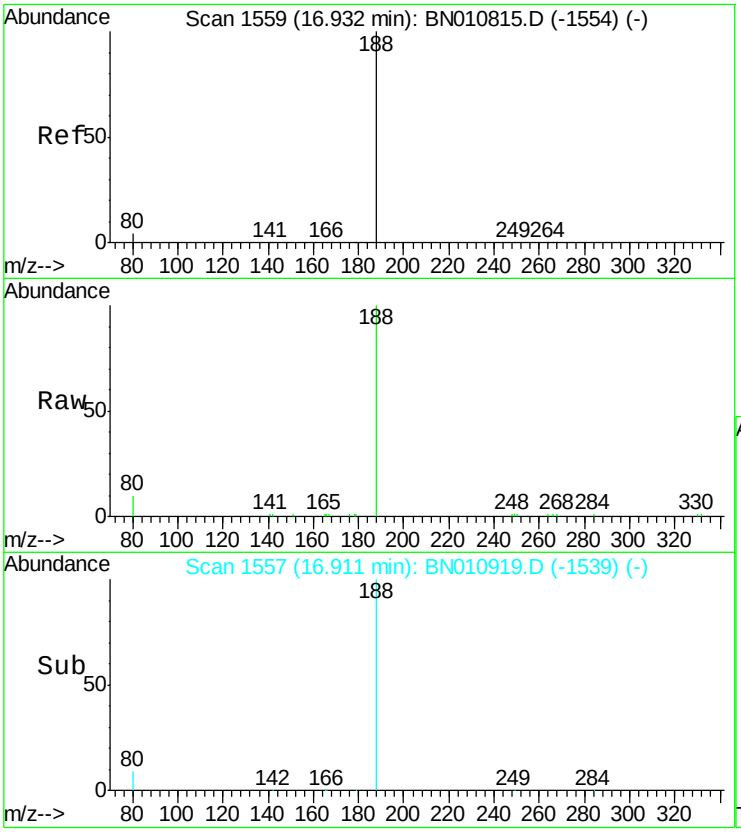


#18
Fluorene
Concen: 0.419 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:166 Resp: 6837

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.2	115.8
167	13.7	10.7	16.1



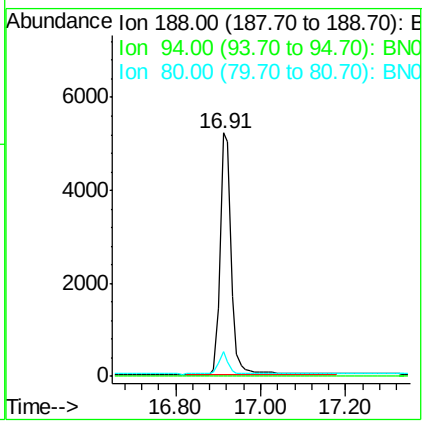


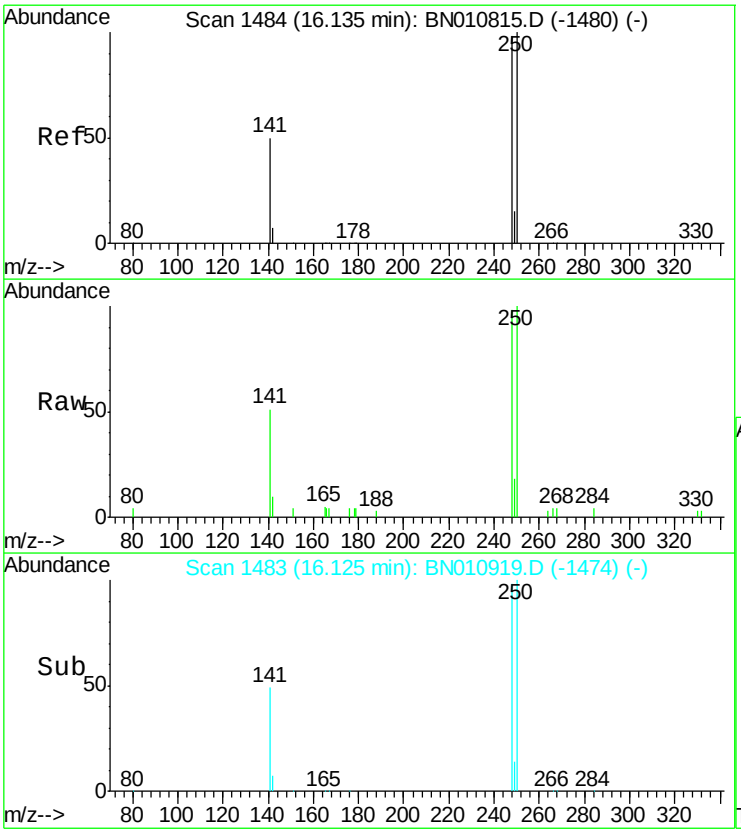
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 9394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	4.5	6.7#

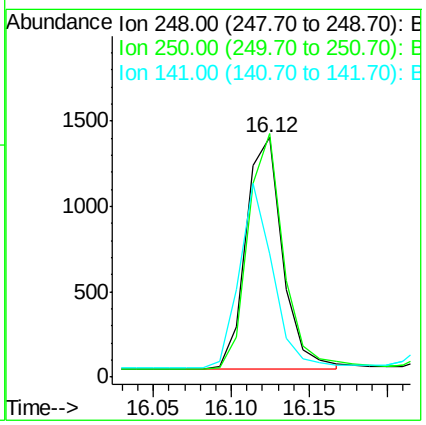


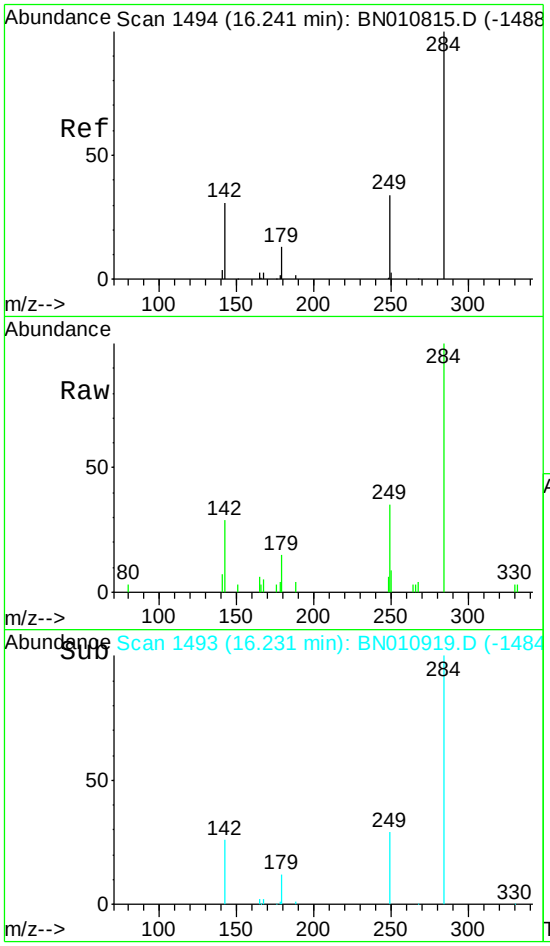


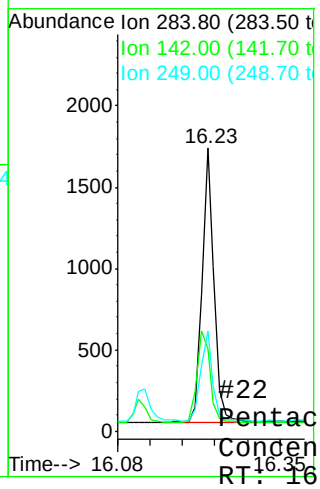
#20
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:248 Resp: 2223

Ion	Ratio	Lower	Upper
248	100		
250	101.7	81.8	122.8
141	51.7	42.6	64.0





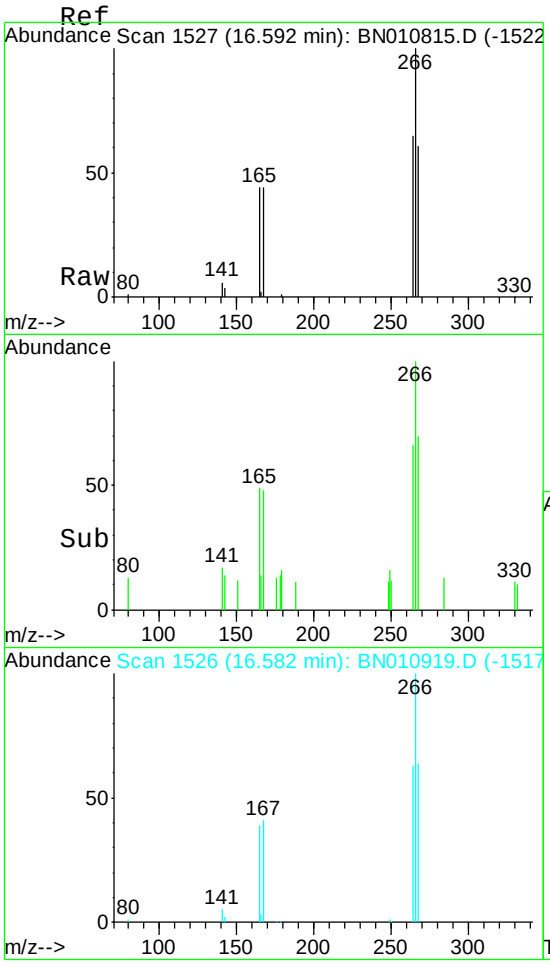


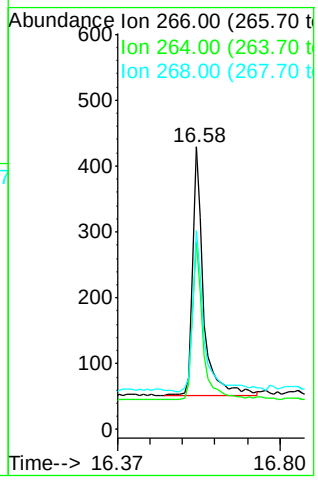
#21
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.23 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2428

Ion	Ratio	Lower	Upper
284	100		
142	36.5	31.0	46.4
249	32.5	27.1	40.7

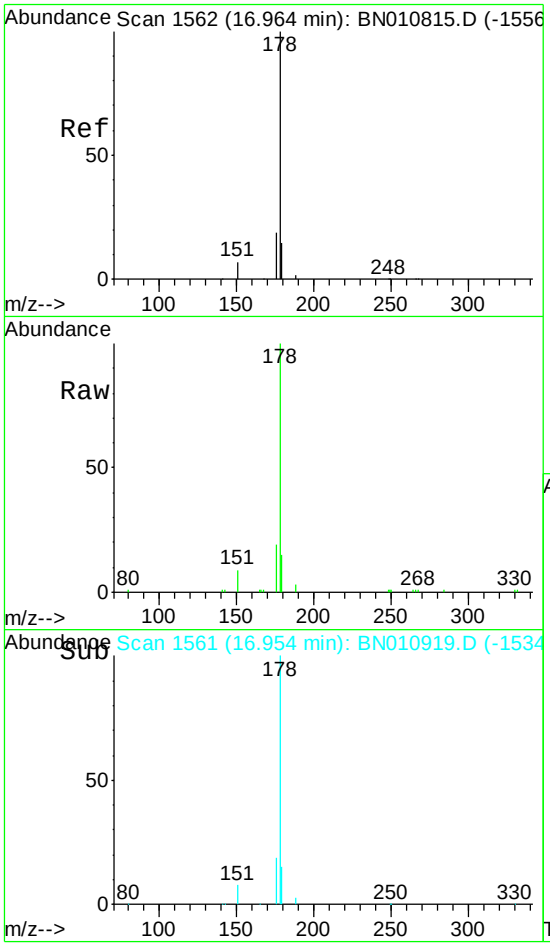


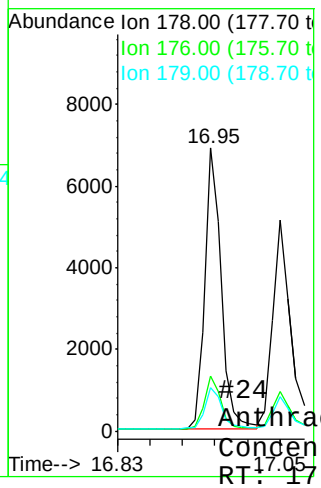


#22
Pentachlorophenol
Conden: 0.387 ng
RT: 16.58 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:266 Resp: 765

Ion	Ratio	Lower	Upper
266	100		
264	66.2	54.8	82.2
268	70.4	55.9	83.9



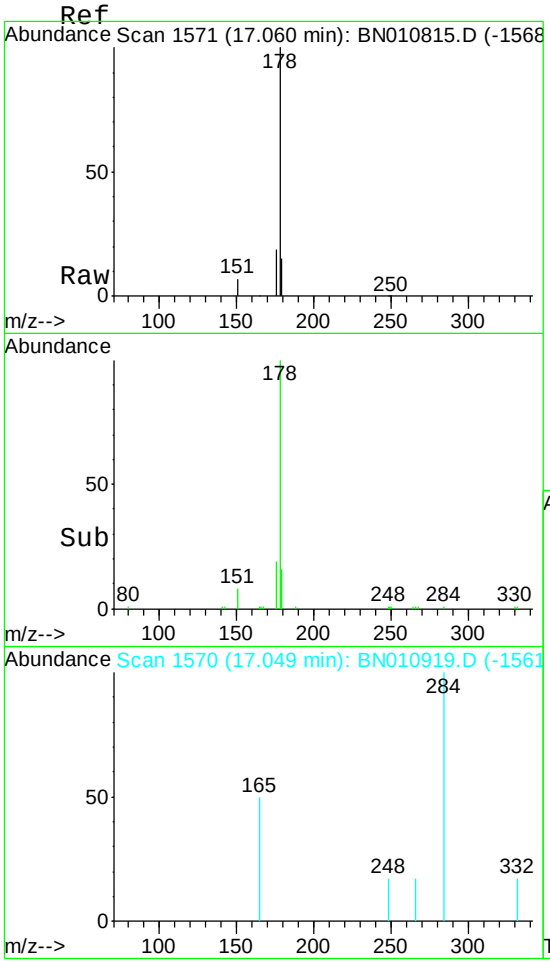


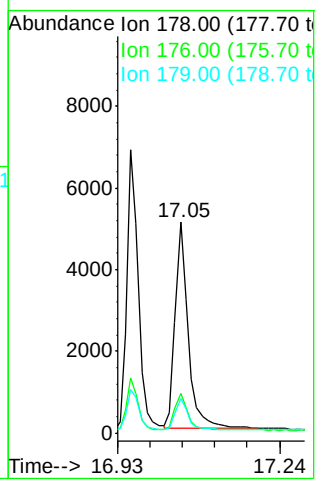
#23
Phenanthrene
Concen: 0.418 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 10724

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.6	19.0

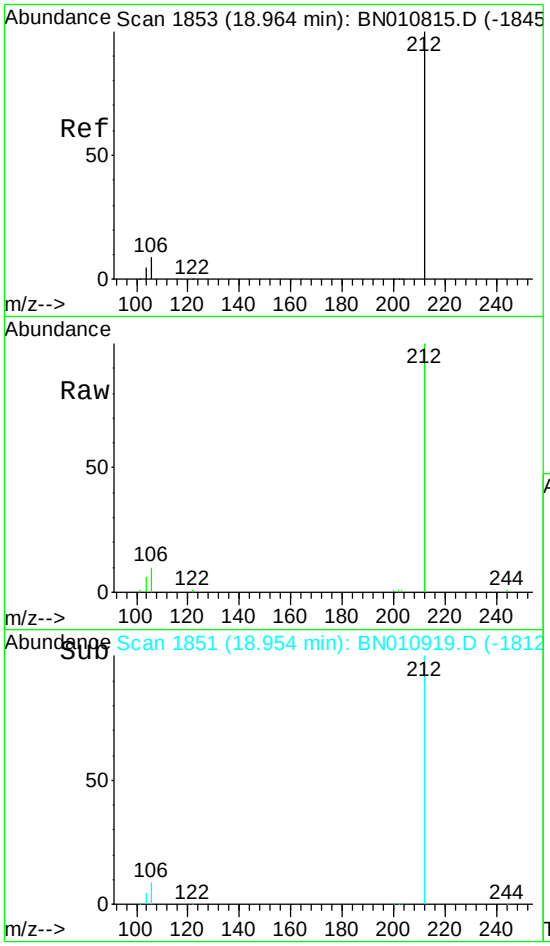


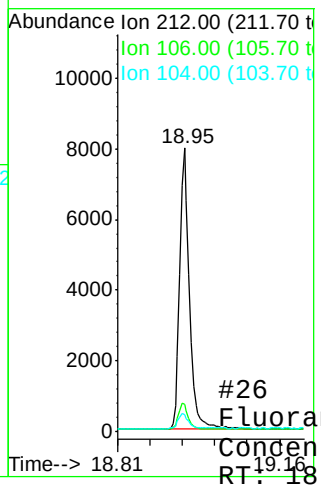


#24
Anthracene
Concen: 0.408 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:178 Resp: 8742

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	14.7	12.3	18.5



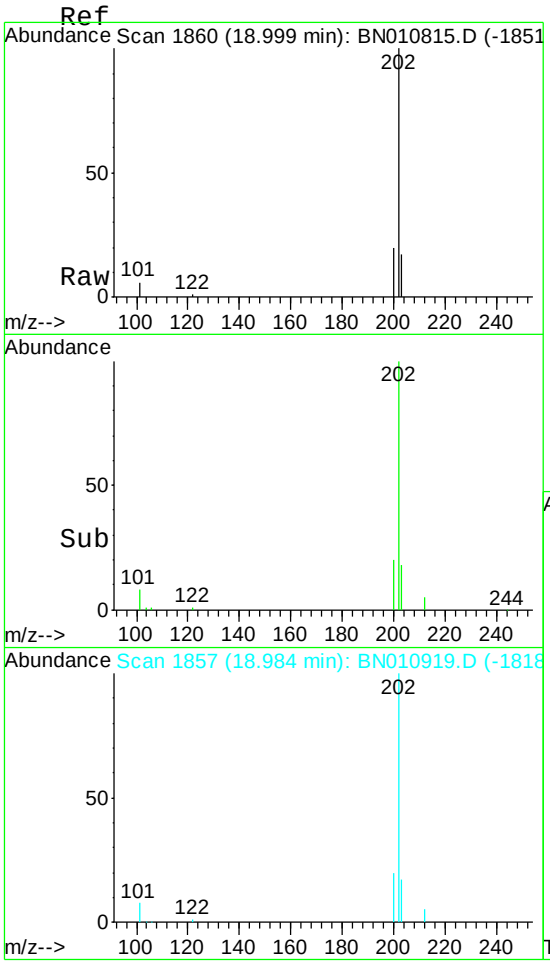


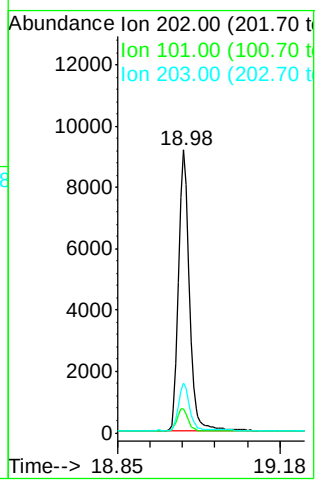
#25
Fluoranthene-d10
Concen: 0.461 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 11955

Ion	Ratio	Lower	Upper
212	100		
106	9.4	6.6	10.0
104	5.6	4.0	6.0

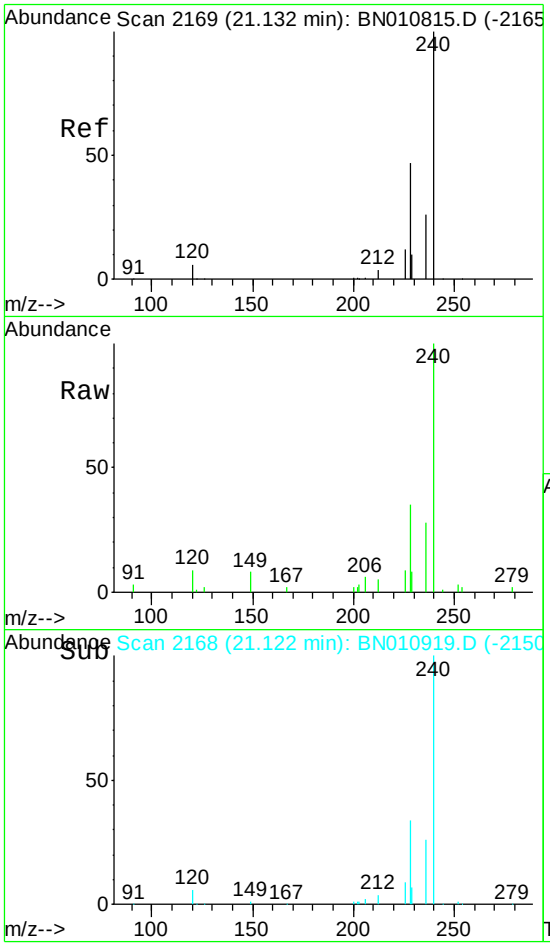




#26
Fluoranthene
Conden: 0.466 ng
RT: 18.98 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:202 Resp: 13574

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.8	8.6
203	17.0	13.7	20.5

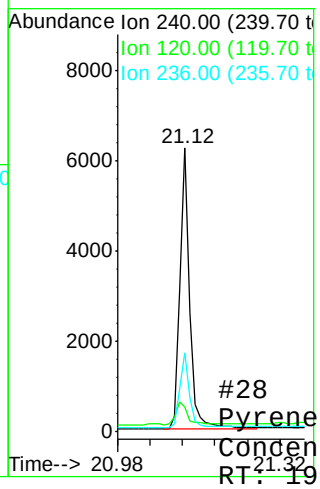


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8639

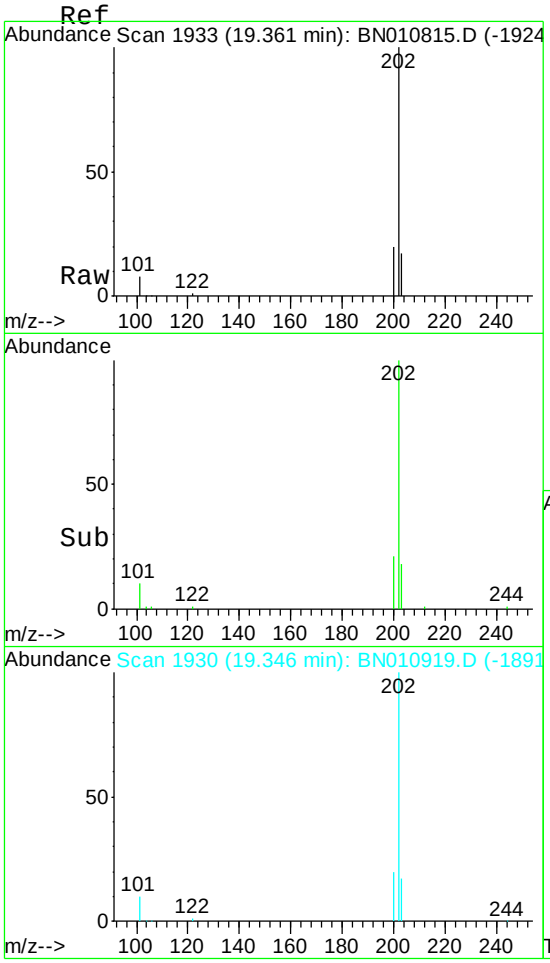
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.5	11.3
236	27.6	22.3	33.5

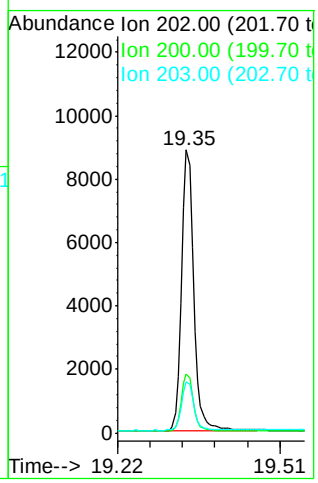


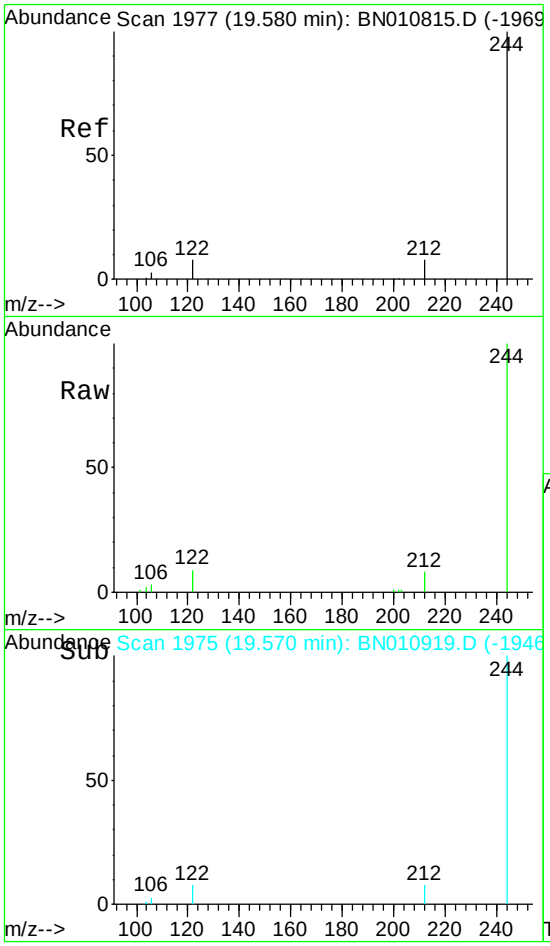
#28
Pyrene
Conden: 0.459 ng
RT: 19.35 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:202 Resp: 13112

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.6	14.2	21.4





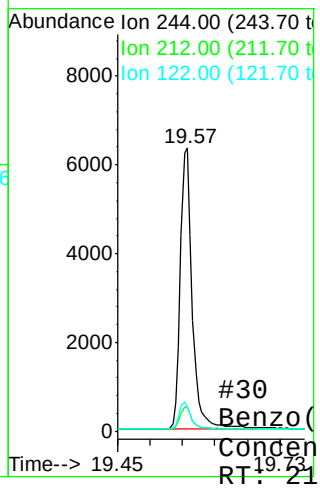


#29
Terphenyl-d14
Concen: 0.444 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 8978

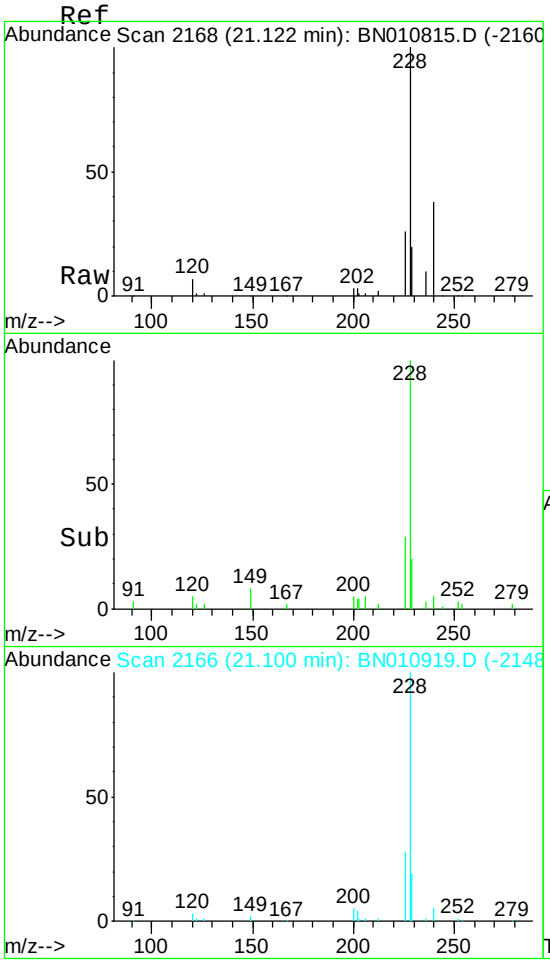
Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	8.7	7.5	11.3

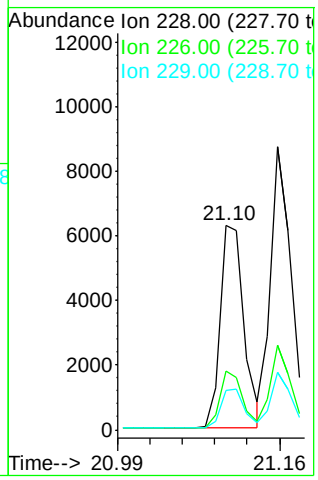


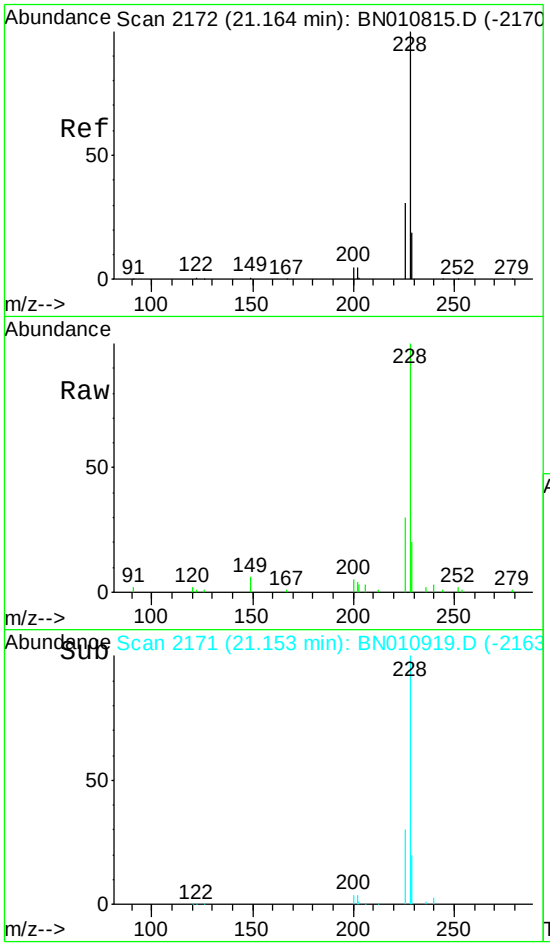
#30
Benzo(a)anthracene
Conden: 0.416 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:228 Resp: 10568

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.3	31.9
229	19.6	16.6	24.8





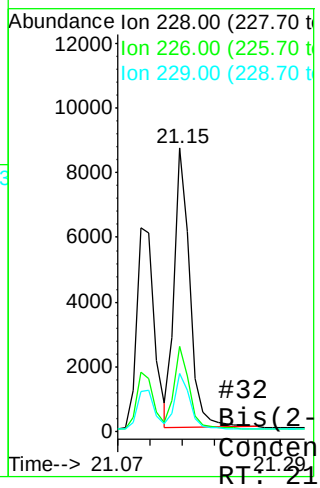


#31
Chrysene
Concen: 0.432 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 12798

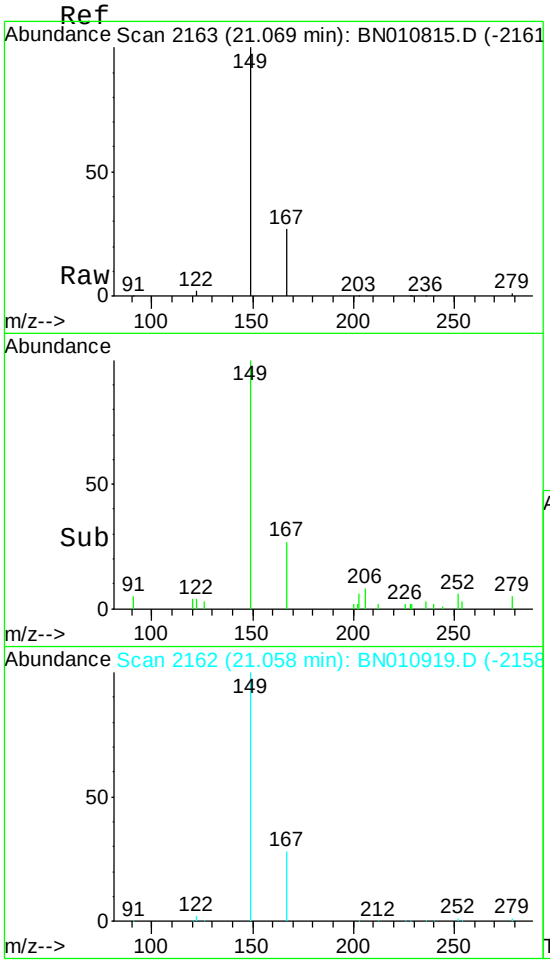
Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.2	16.1	24.1

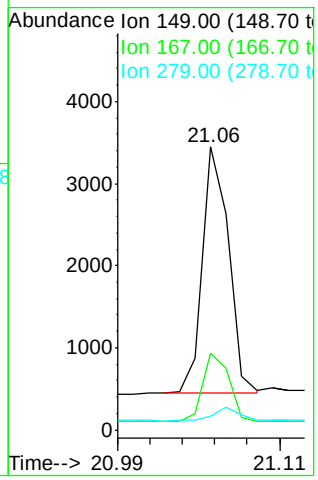


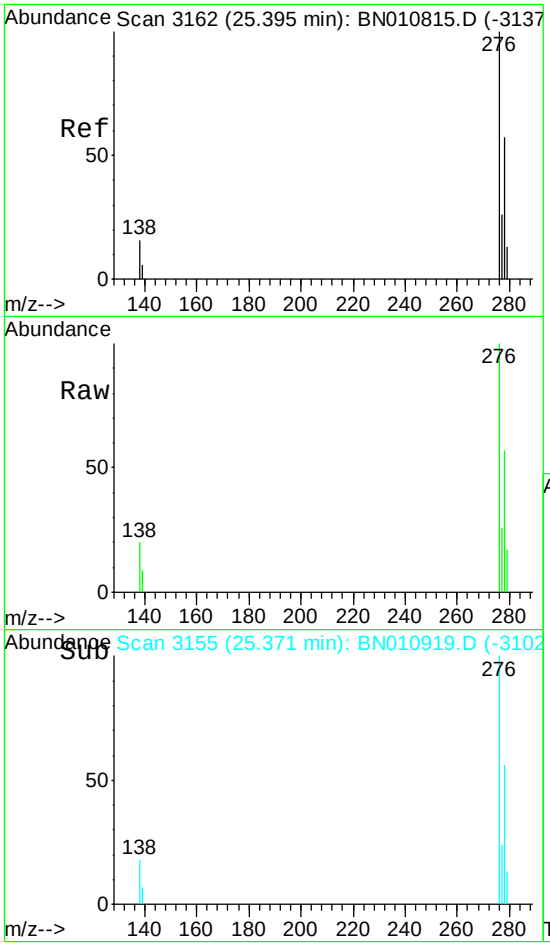
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.444 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

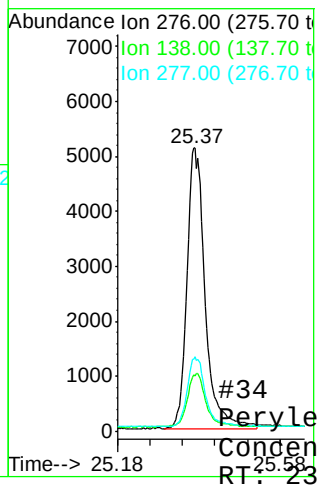
Tgt Ion:149 Resp: 3755

Ion	Ratio	Lower	Upper
149	100		
167	28.0	24.1	36.1
279	5.4	4.6	7.0







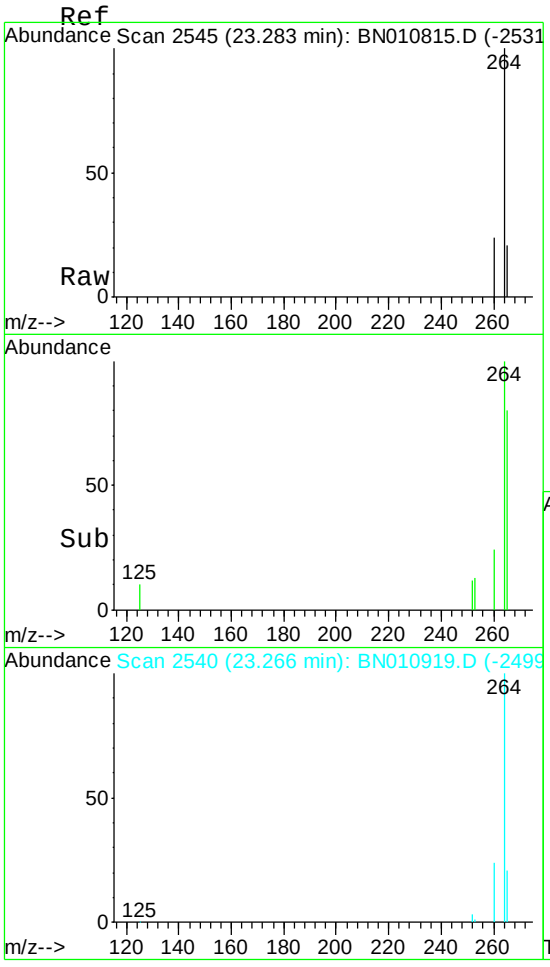


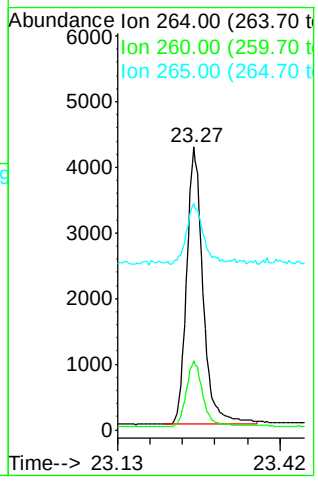
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.483 ng
RT: 25.37 min Scan# 3155
Delta R.T. -0.02 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:276 Resp: 15974

Ion	Ratio	Lower	Upper
276	100		
138	19.6	13.0	19.6#
277	25.0	19.7	29.5

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

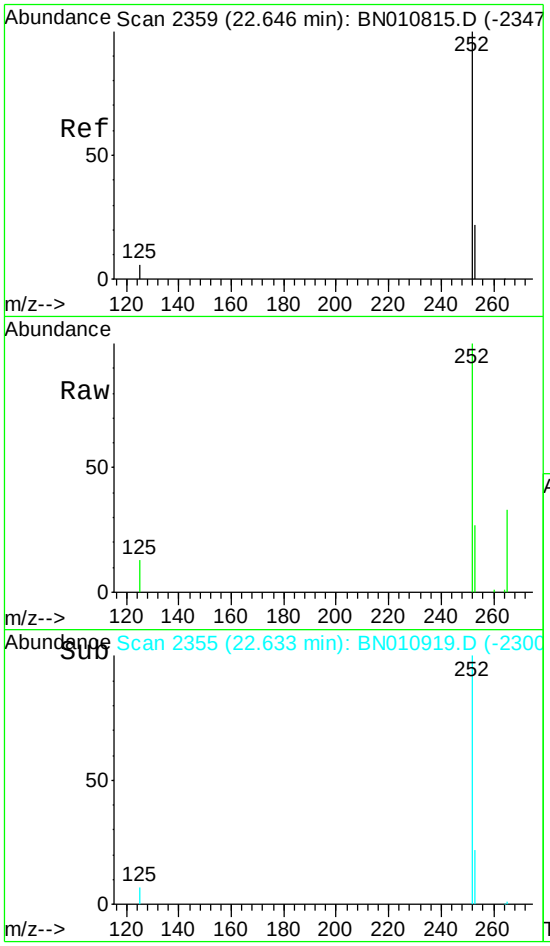


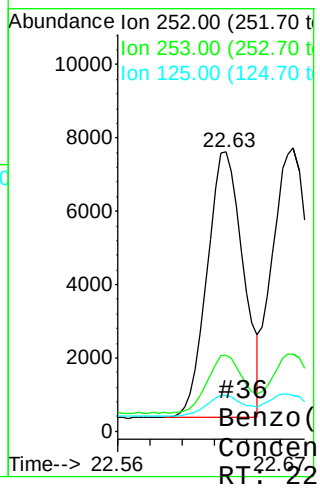


#34
Perylene-d12
Conden: 0.400 ng
RT: 23.27 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:264 Resp: 8858

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	79.9	75.0	112.4



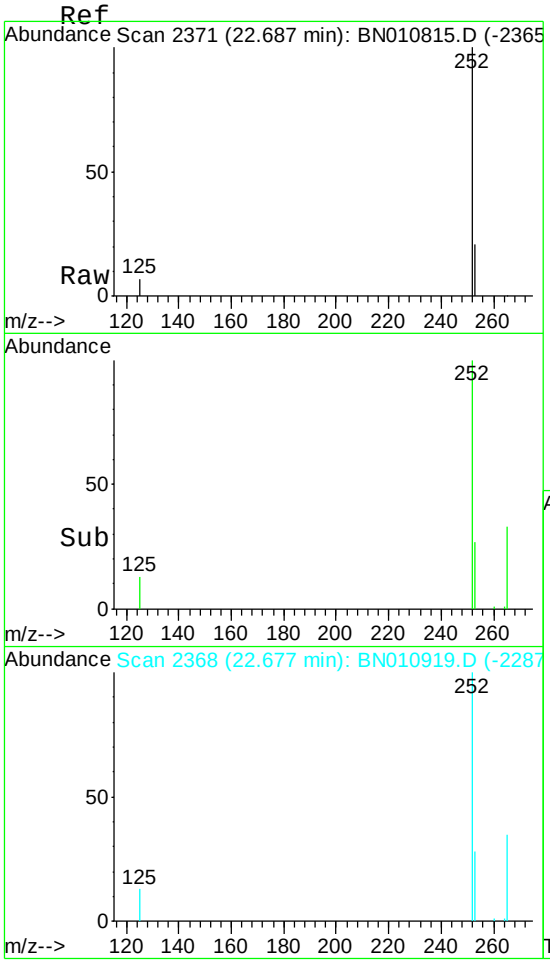


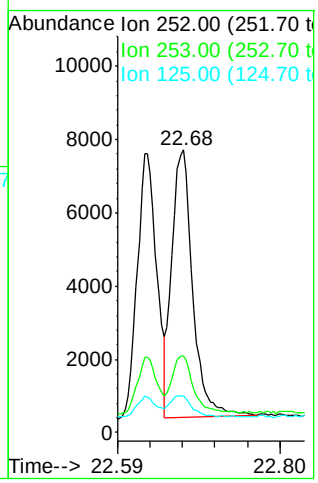
#35
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.63 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 12153

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.4	33.6
125	12.6	9.4	14.0

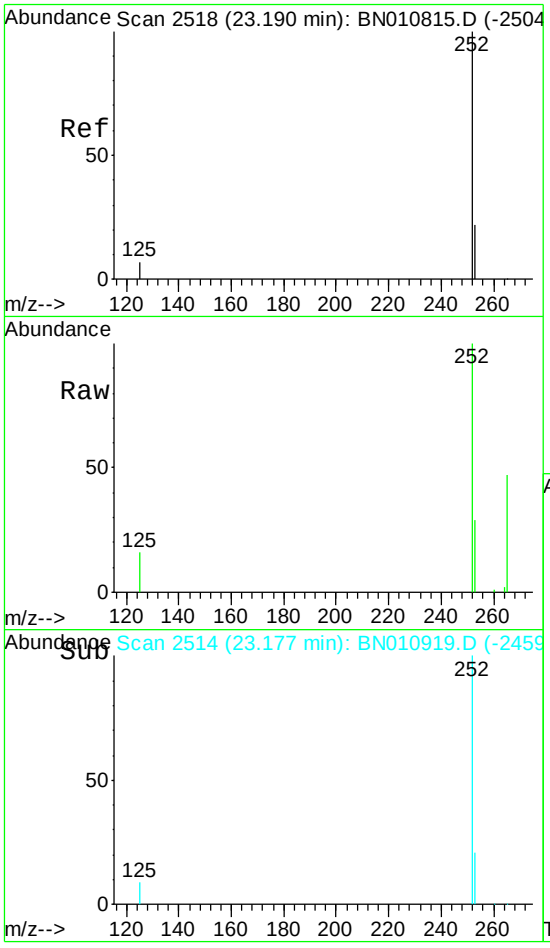


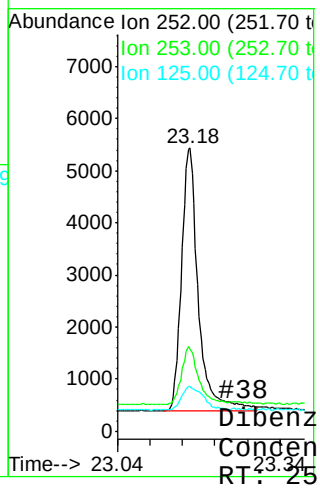


#36
Benzo(k)fluoranthene
Conden: 0.410 ng
RT: 22.68 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:252 Resp: 13141

Ion	Ratio	Lower	Upper
252	100		
253	27.2	22.2	33.4
125	12.8	9.8	14.8



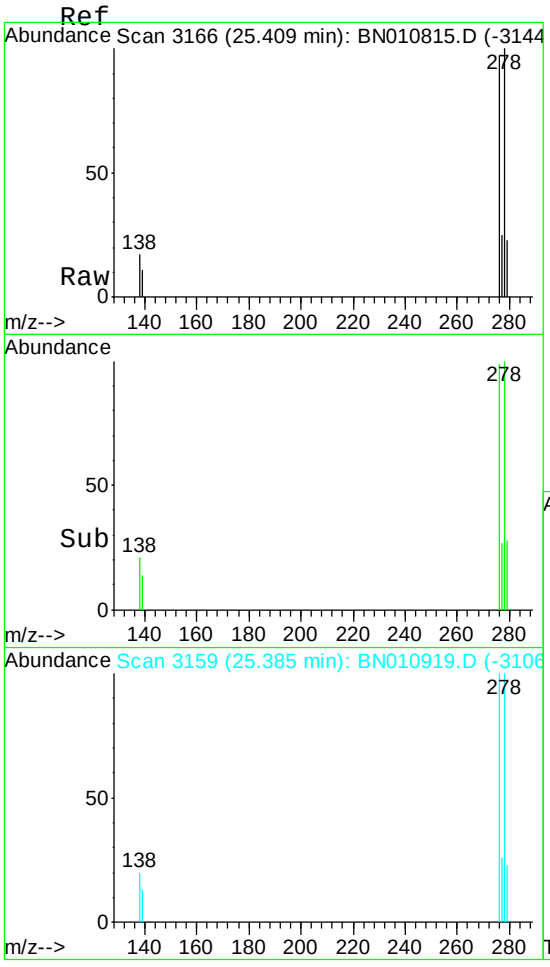


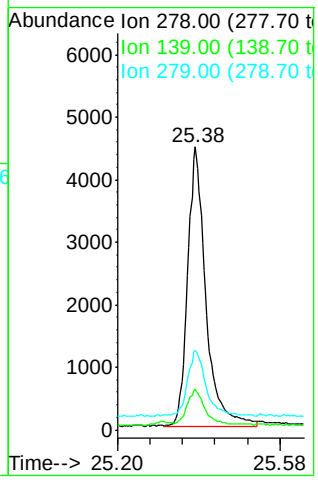
#37
Benzo(a)pyrene
Concen: 0.417 ng
RT: 23.18 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10778

Ion	Ratio	Lower	Upper
252	100		
253	29.1	25.8	38.8
125	16.0	12.4	18.6

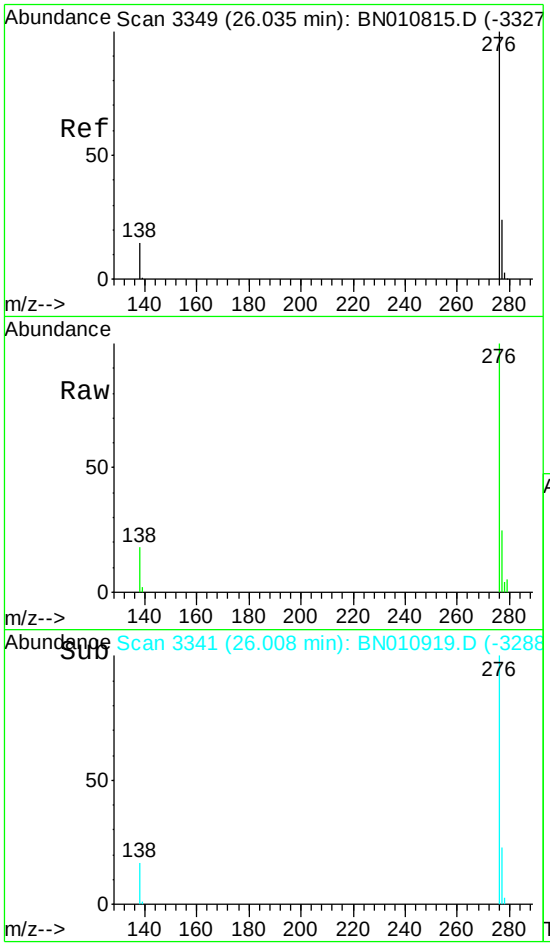


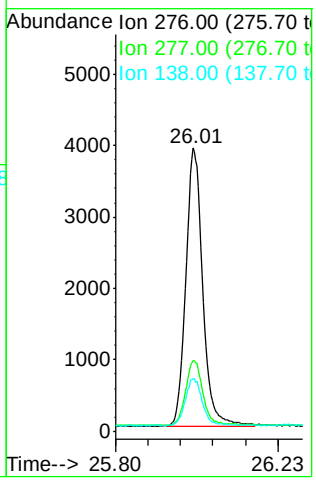


#38
Dibenzo(a,h)anthracene
Conden: 0.439 ng
RT: 25.38 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:278 Resp: 12929

Ion	Ratio	Lower	Upper
278	100		
139	14.1	10.6	15.8
279	28.0	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 26.01 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:276 Resp: 12244

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.5	30.7
138	18.4	13.7	20.5

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC