Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011018.D
Acq On : 22 Jun 2020 20:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 23 05:33:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2704	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	10095	0.40	ng		0.00
13) Acenaphthene-d10	14.15	164	5796	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	11535	0.40	ng		-0.01
27) Chrysene-d12	21.11	240	10526	0.40	ng		-0.01
34) Perylene-d12	23.26	264	11212	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2834	0.54	ng		0.00
5) Phenol-d6	6.73	99	3446	0.56	ng		0.00
8) Nitrobenzene-d5	8.66	82	3262	0.44	ng		-0.01
11) 2-Methylnaphthalene-d10	11.87	152	6641	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	891	0.43	ng		-0.01
15) 2-Fluorobiphenyl	12.76	172	9098	0.40	ng		-0.01
25) Fluoranthene-d10	18.94	212	13387	0.42	ng		0.00
29) Terphenyl-d14	19.55	244	10579	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1306	0.493	ng		99
3) n-Nitrosodimethylamine	3.52	42	744	0.483	ng	#	75
6) bis(2-Chloroethyl)ether	6.97	93	3300	0.550	ng		96
9) Naphthalene	10.33	128	10434	0.411	ng		99
10) Hexachlorobutadiene	10.62	225	2461	0.393	ng	#	100
12) 2-Methylnaphthalene	11.94	142	7209	0.425	ng		98
16) Acenaphthylene	13.87	152	10030	0.422	ng		100
17) Acenaphthene	14.21	154	6676	0.412	ng		97
18) Fluorene	15.21	166	8300	0.397	ng		98
20) 4-Bromophenyl-phenylether	16.10	248	2744	0.396	ng	#	88
21) Hexachlorobenzene	16.22	284	2887	0.399	ng		96
22) Pentachlorophenol	16.57	266	1009	0.416	ng		96
23) Phenanthrene	16.94	178	12728	0.404	ng		100
24) Anthracene	17.04	178	11773	0.448	ng		100
26) Fluoranthene	18.97	202	14690	0.411	ng	#	98
28) Pyrene	19.34	202	14920	0.428	ng		100
30) Benzo(a)anthracene	21.10	228	13909	0.450	ng		99
31) Chrysene	21.15	228	14234	0.395	ng		97
32) Bis(2-ethylhexyl)phthalate	21.06	149	7793	0.755	ng		97
33) Indeno(1,2,3-cd)pyrene	25.36	276	16995	0.422	ng	#	93
35) Benzo(b)fluoranthene	22.62	252	14533	0.381	ng	#	97
36) Benzo(k)fluoranthene	22.62	252	14533	0.358	ng		97
37) Benzo(a)pyrene	23.17	252	13325	0.407	ng		98
38) Dibenzo(a,h)anthracene	25.37	278	14001	0.375	ng	#	95
39) Benzo(g,h,i)perylene	25.99	276	14176	0.364	ng		96

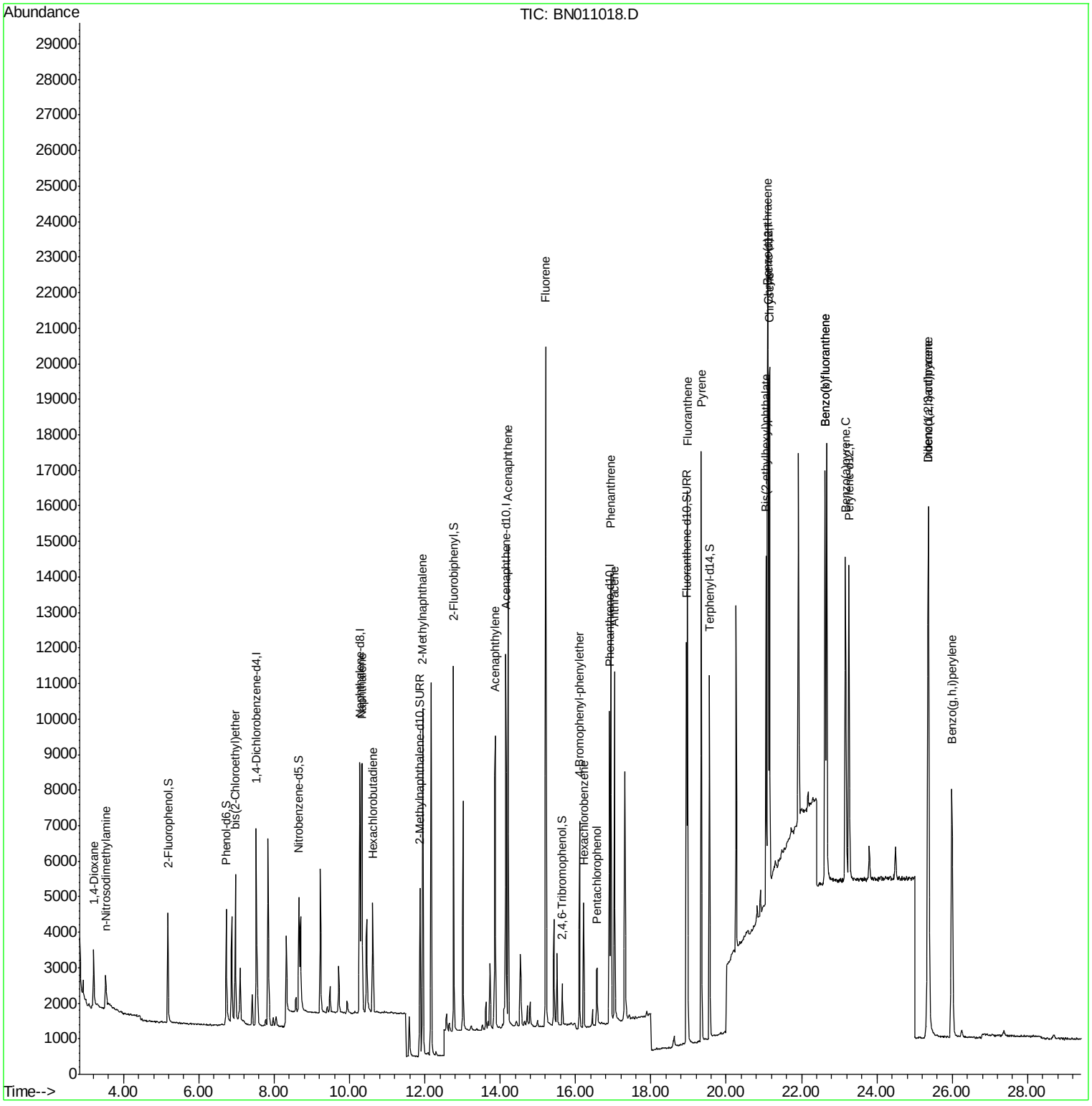
(#) = qualifier out of range (m) = manual integration (+) = signals summed

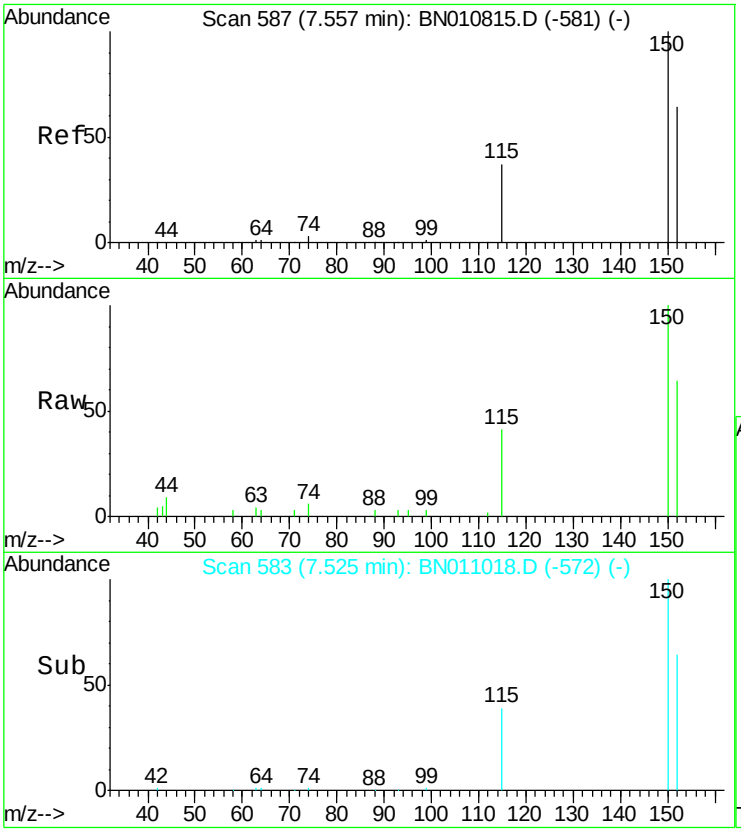
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011018.D
Acq On : 22 Jun 2020 20:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 23 05:33:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration



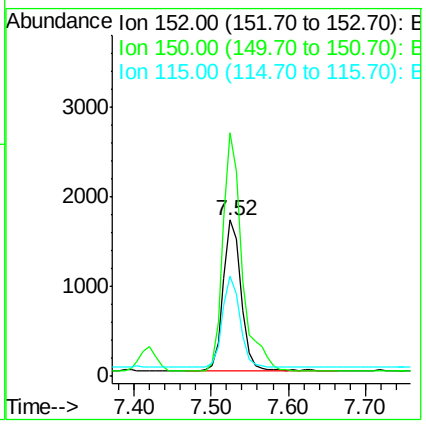


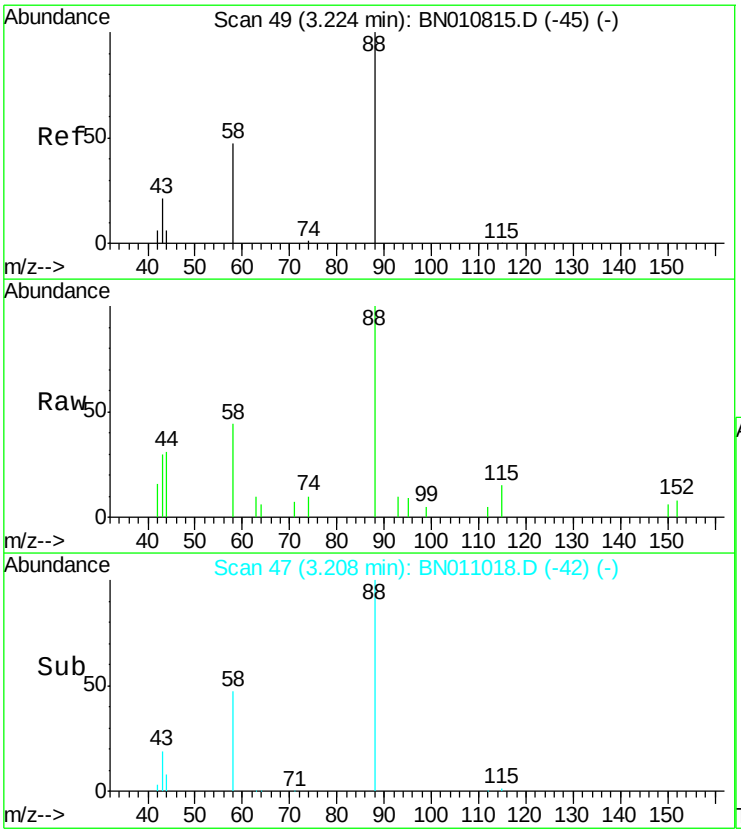
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2704

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	63.9	49.2	73.8

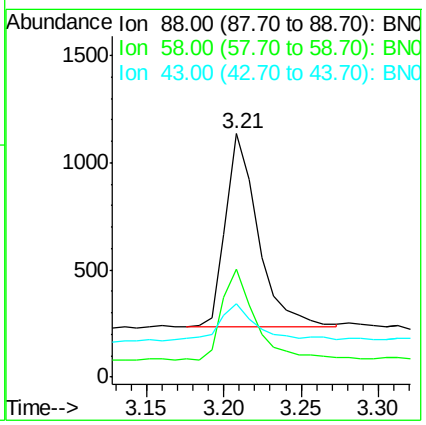


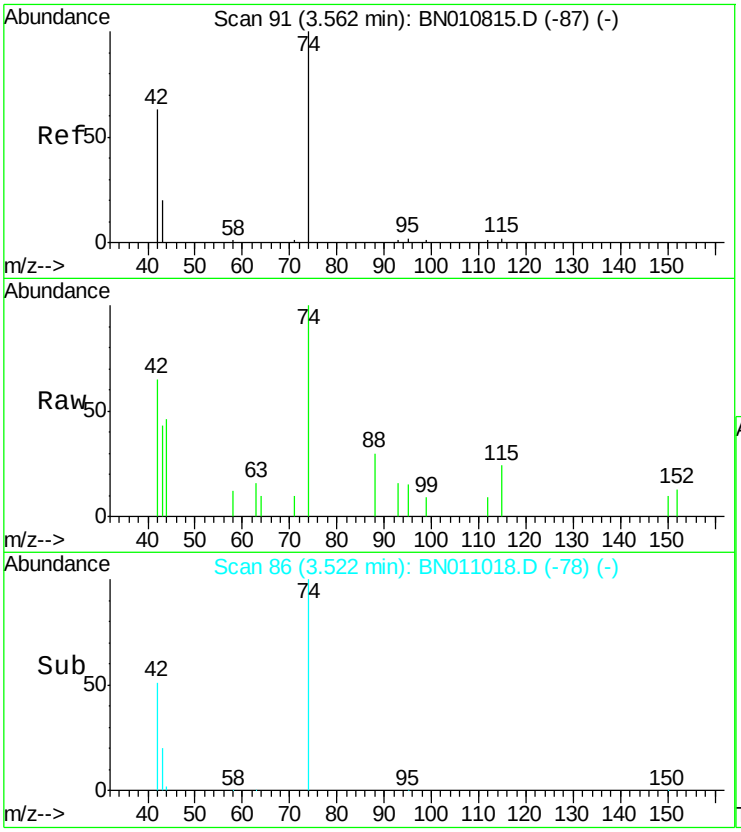


#2
1,4-Dioxane
Concen: 0.493 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion: 88 Resp: 1306

Ion	Ratio	Lower	Upper
88	100		
58	47.5	38.2	57.4
43	20.4	15.1	22.7



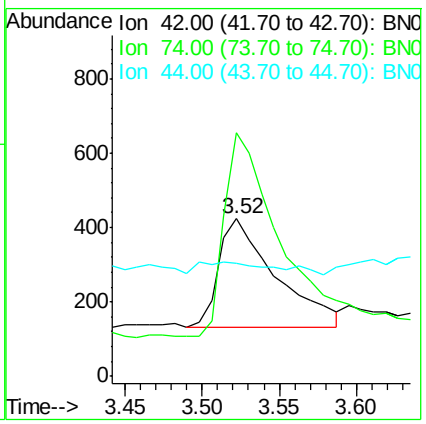


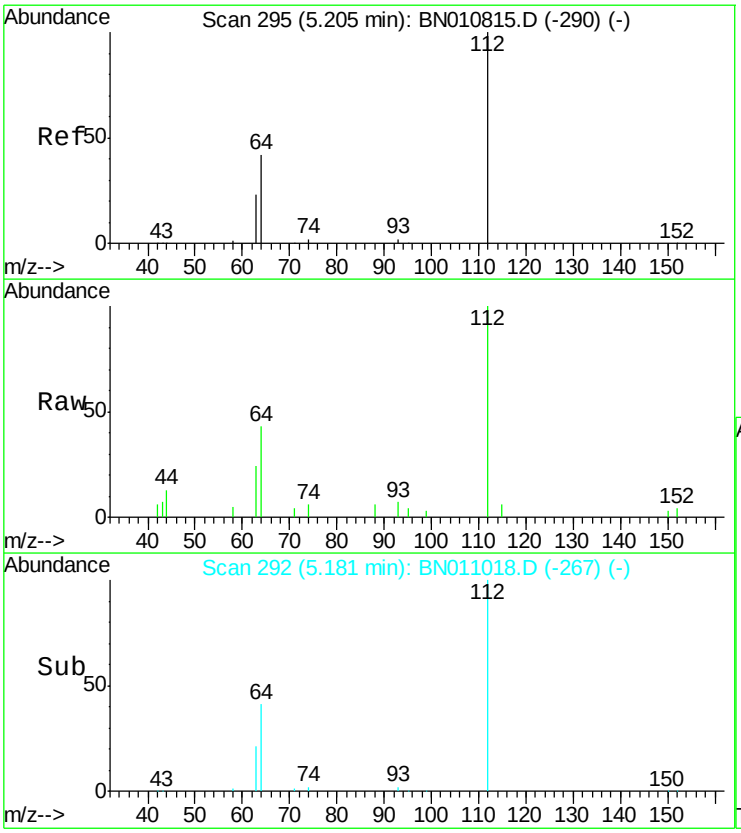
#3
n-Nitrosodimethylamine
Concen: 0.483 ng
RT: 3.52 min Scan# 86
Delta R.T. -0.03 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 744

Ion	Ratio	Lower	Upper
42	100		
74	210.8	140.7	211.1
44	0.0	1.4	2.2#

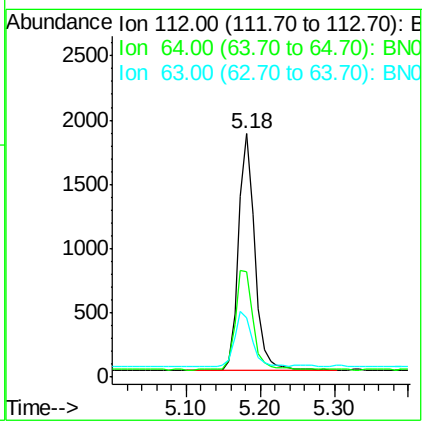


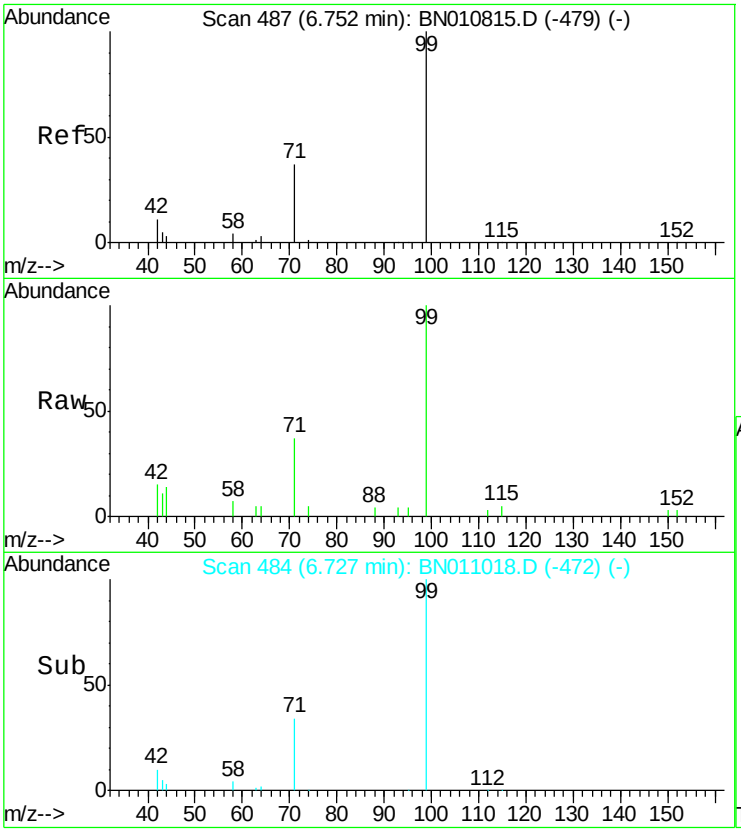


#4
2-Fluorophenol
Concen: 0.543 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:112 Resp: 2834

Ion	Ratio	Lower	Upper
112	100		
64	45.7	37.4	56.0
63	24.5	22.2	33.4



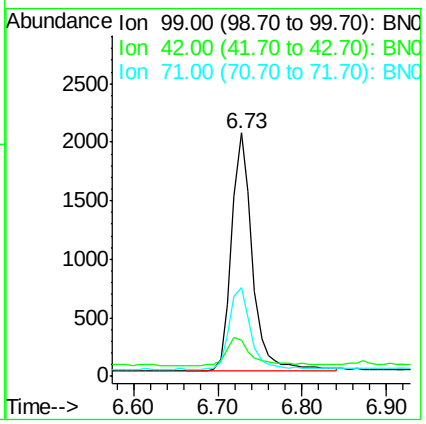


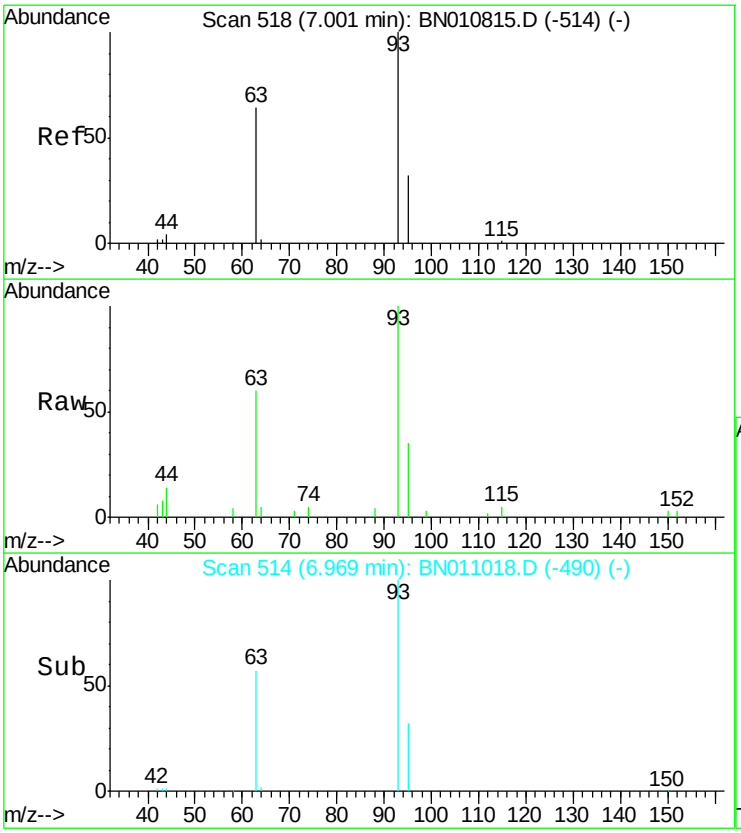
#5
Phenol-d6
Concen: 0.560 ng
RT: 6.73 min Scan# 484
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3446

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.1	16.7
71	36.2	31.4	47.2

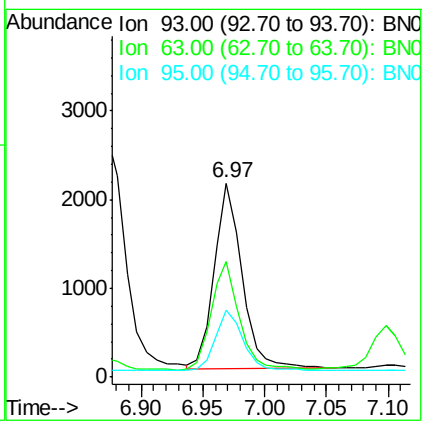


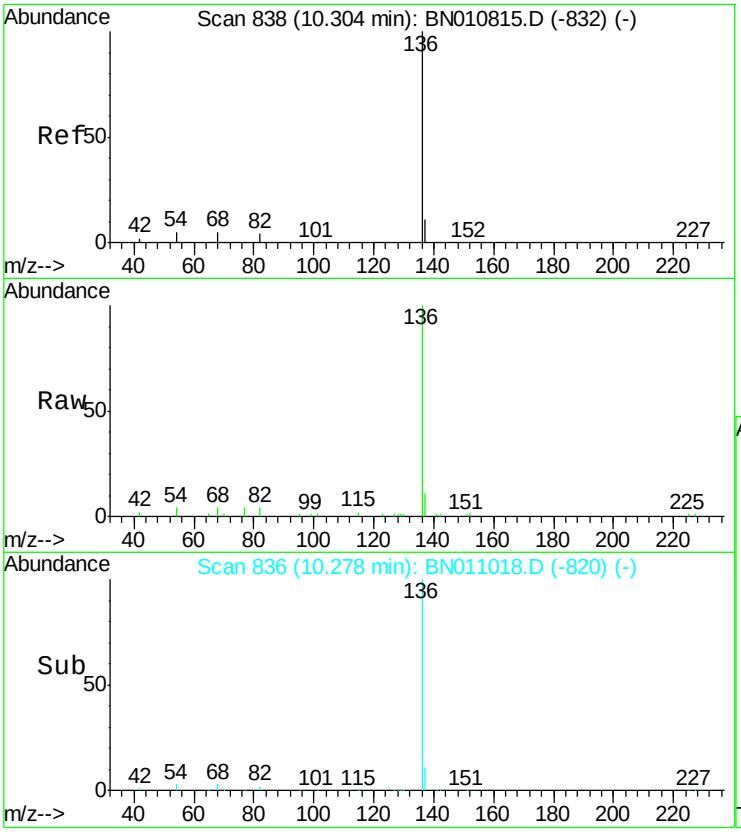


#6
bis(2-Chloroethyl)ether
Concen: 0.550 ng
RT: 6.97 min Scan# 514
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion: 93 Resp: 3300

Ion	Ratio	Lower	Upper
93	100		
63	58.1	49.4	74.2
95	32.7	26.7	40.1



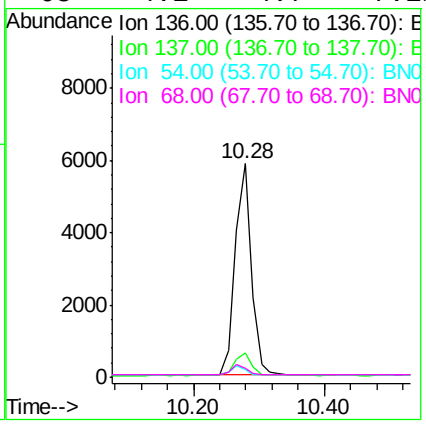


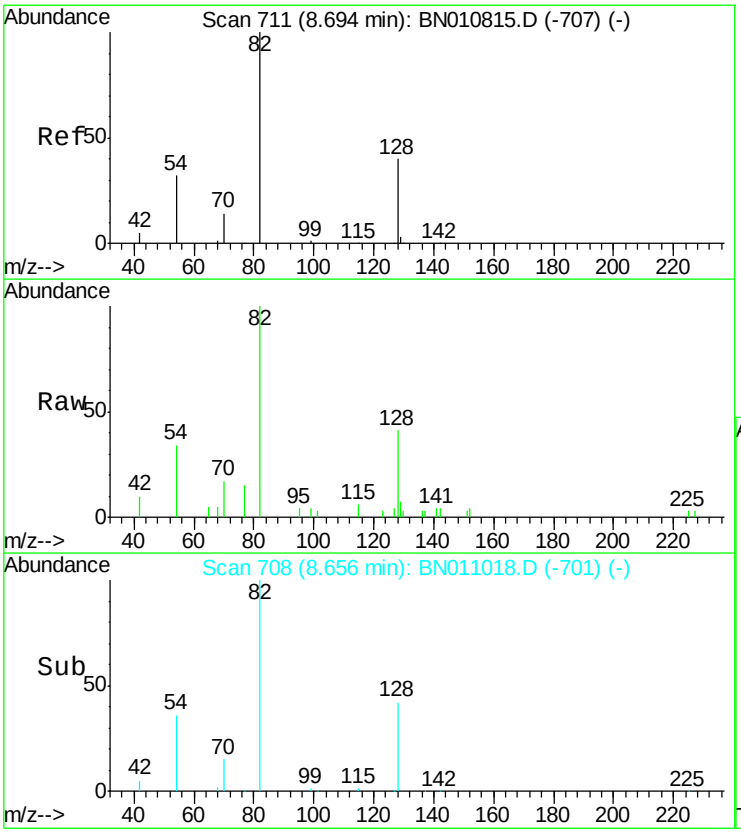
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.28 min Scan# 836
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 10095

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.7	14.5
54	3.6	4.9	7.3#
68	4.1	4.7	7.1#

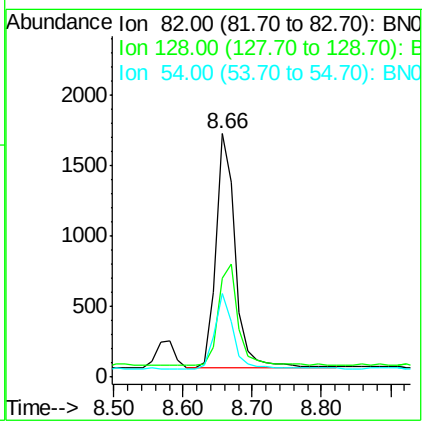


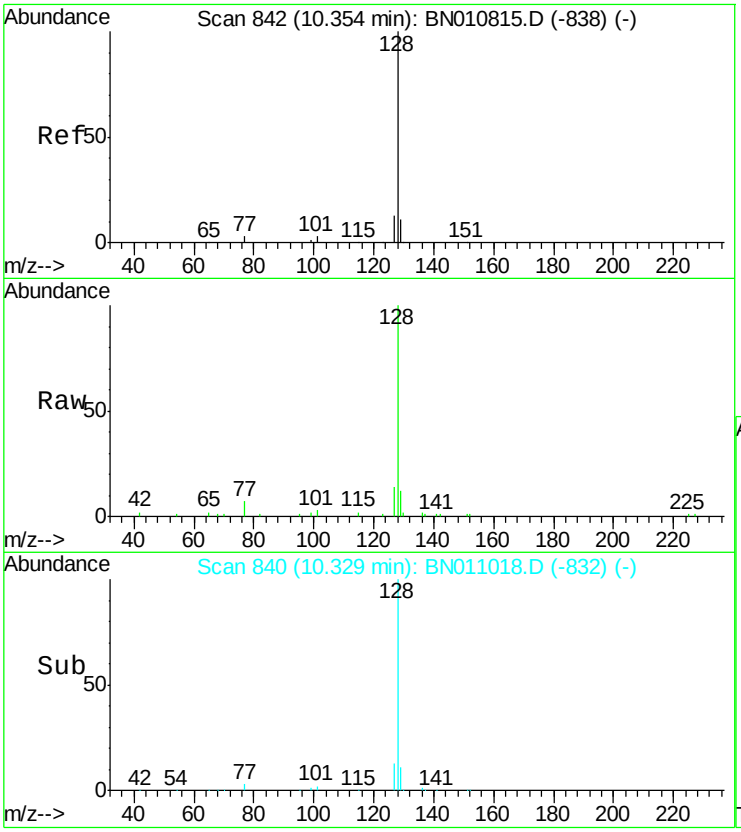


#8
Nitrobenzene-d5
Concen: 0.437 ng
RT: 8.66 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion: 82 Resp: 3262

Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.4	53.0
54	34.5	28.2	42.4



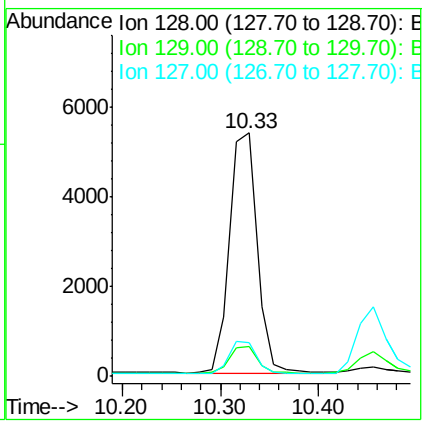


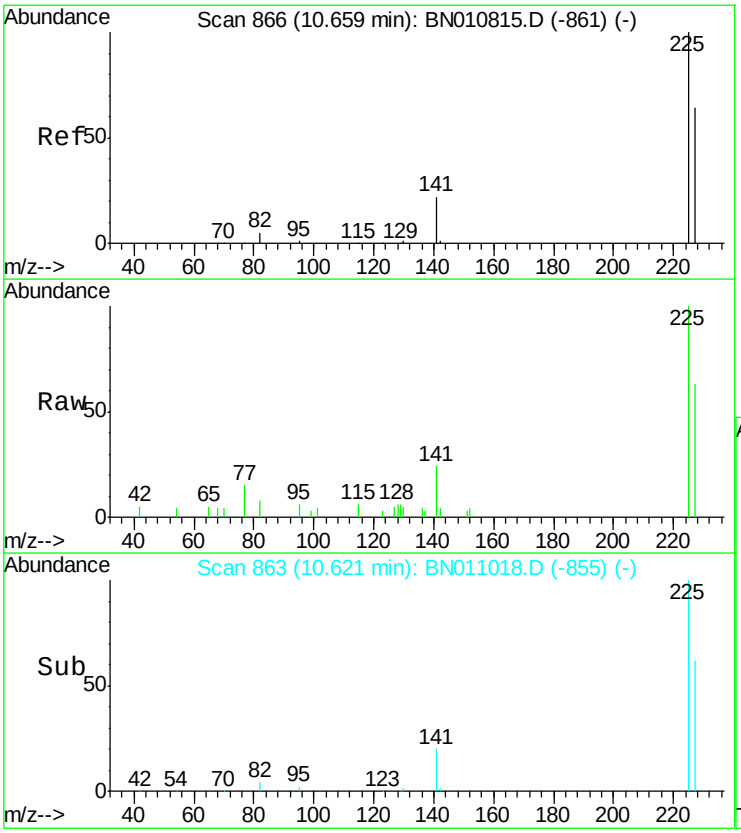
#9
Naphthalene
Concen: 0.411 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 10434

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	13.8	11.4	17.2

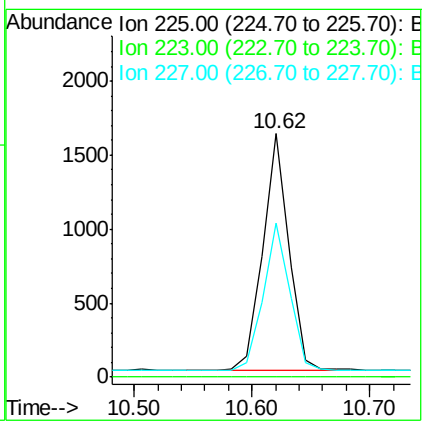


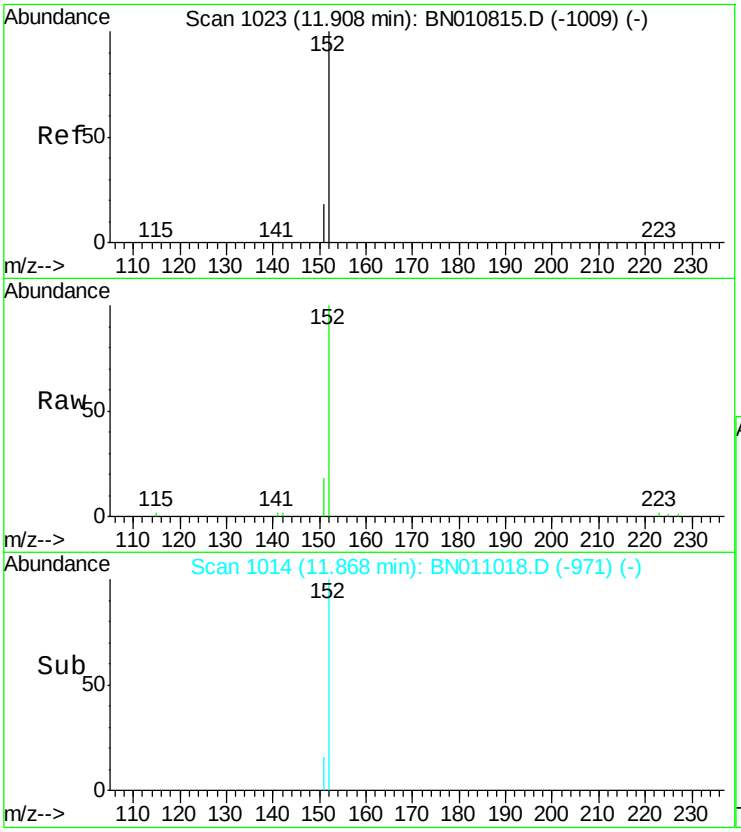


#10
Hexachlorobutadiene
Concen: 0.393 ng
RT: 10.62 min Scan# 863
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:225 Resp: 2461

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.5	75.7



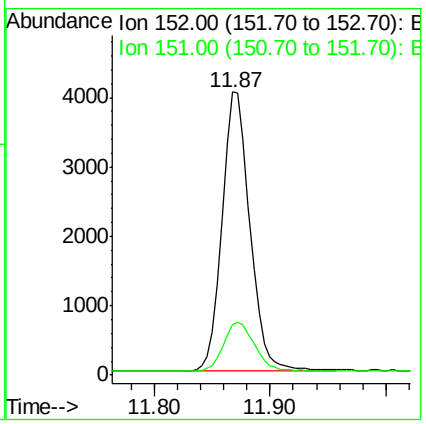


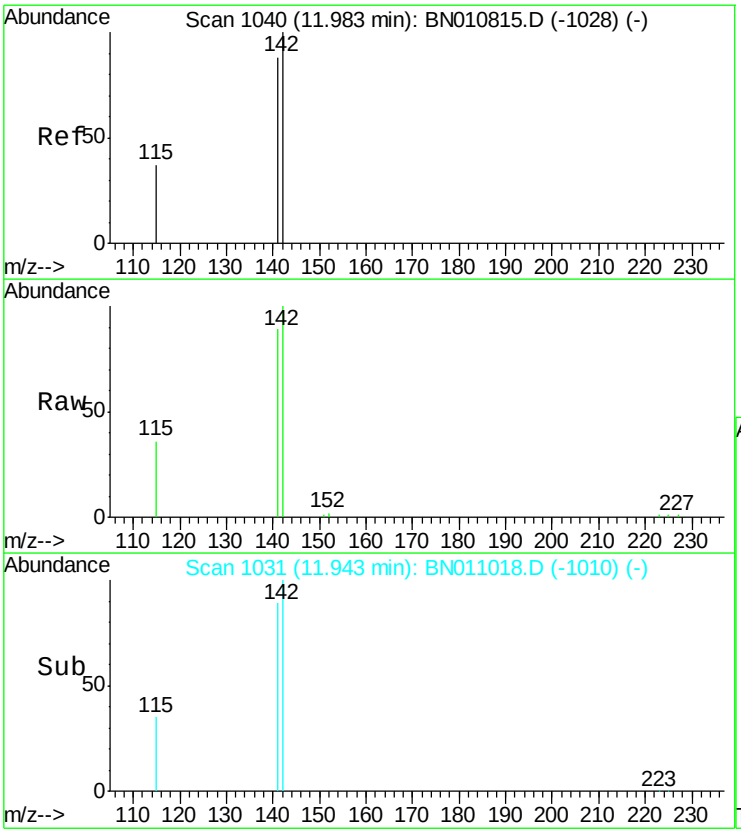
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 11.87 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6641

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

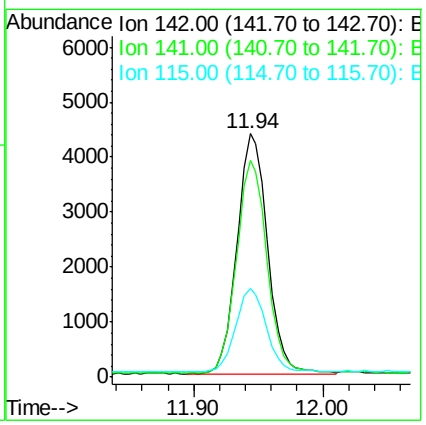


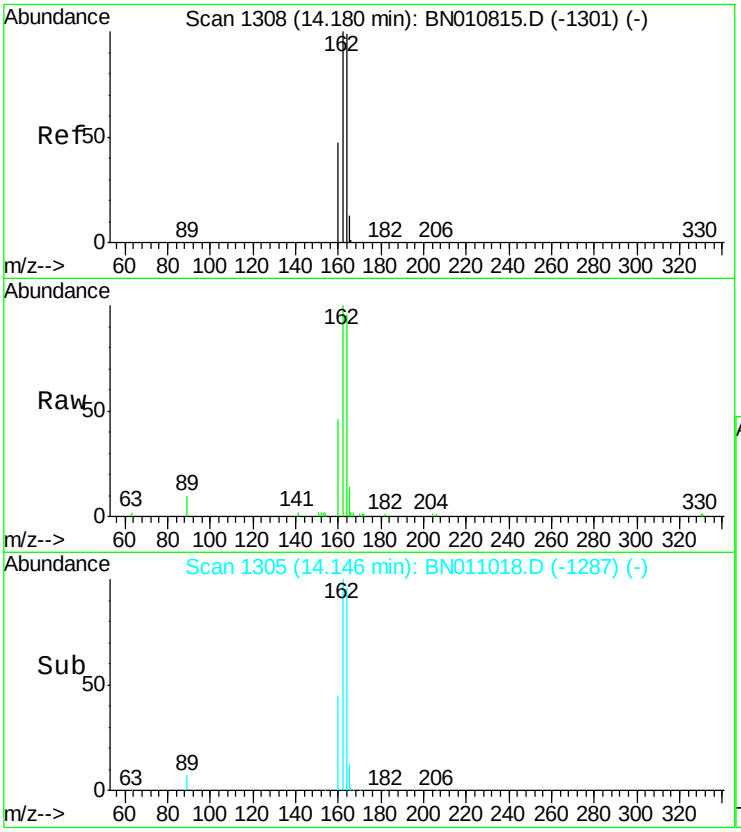


#12
2-Methylnaphthalene
Concen: 0.425 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:142 Resp: 7209

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	36.4	31.5	47.3



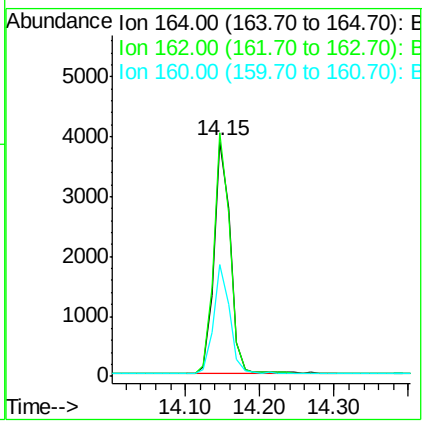


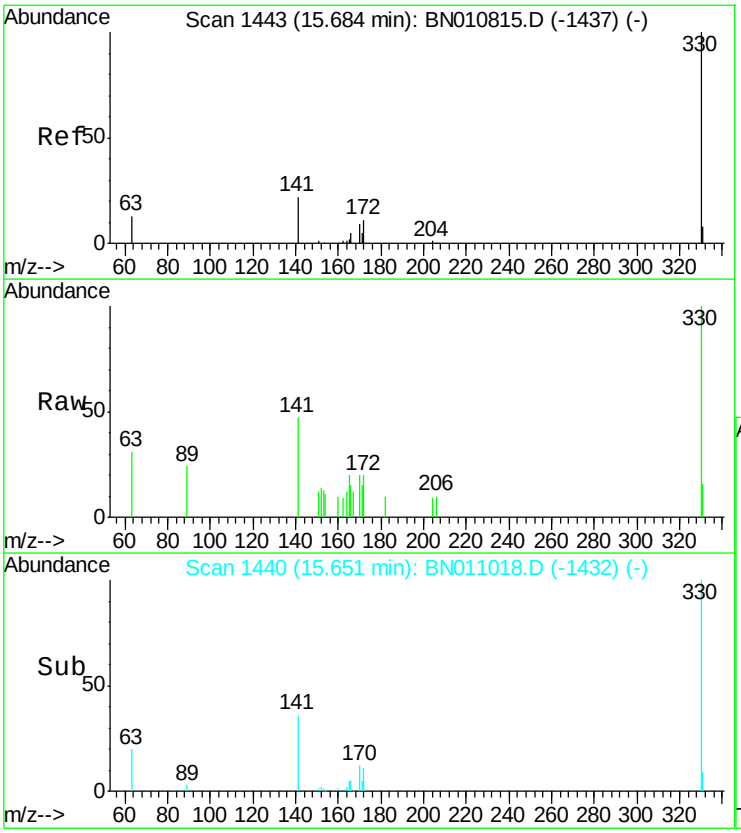
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5796

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.0	121.6
160	47.6	38.9	58.3

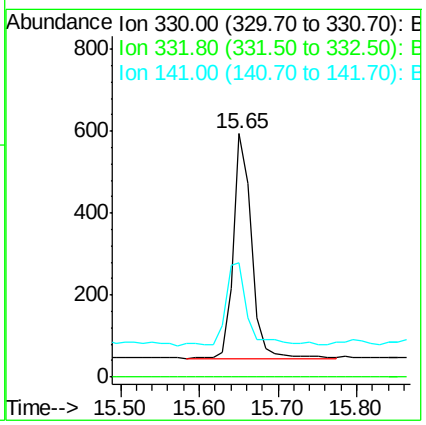


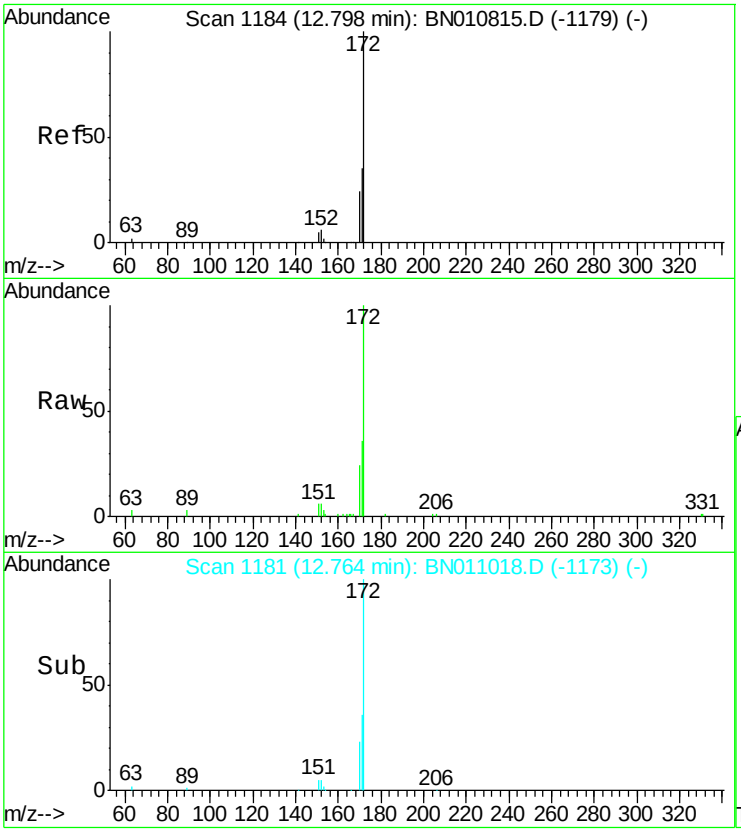


#14
2,4,6-Tribromophenol
Concen: 0.430 ng
RT: 15.65 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:330 Resp: 891

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.5	33.2	49.8



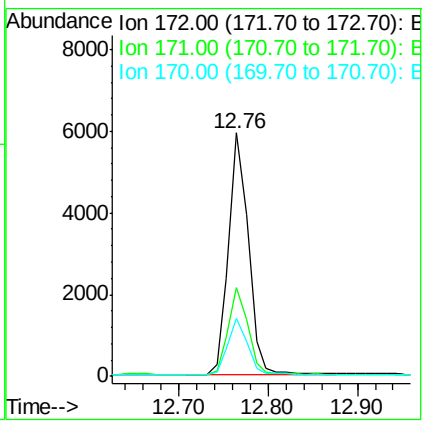


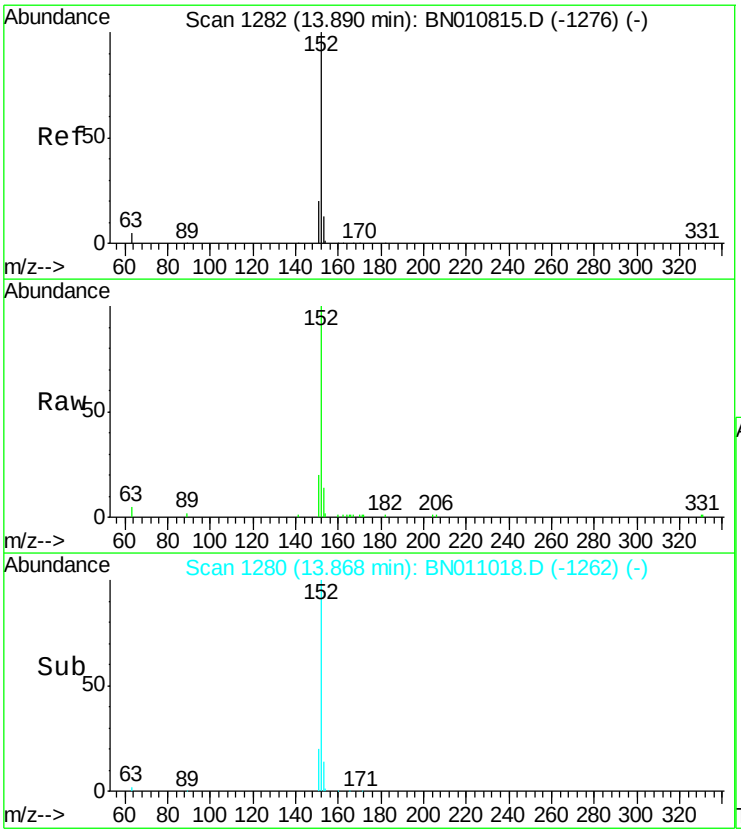
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9098

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.9	19.7	29.5

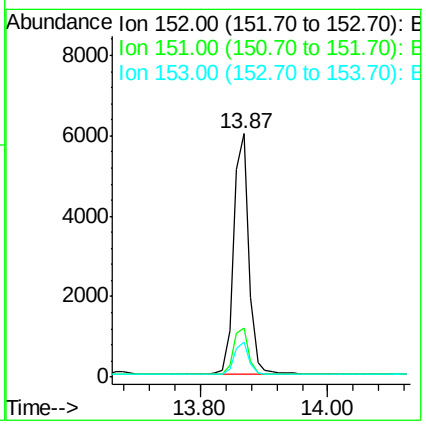


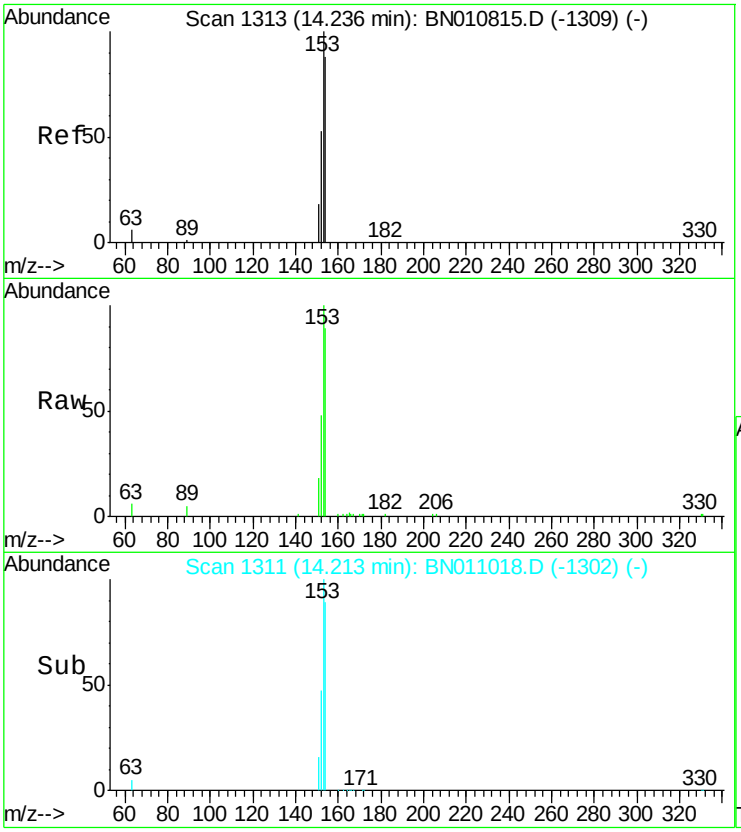


#16
Acenaphthylene
Concen: 0.422 ng
RT: 13.87 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:152 Resp: 10030

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.2	10.6	16.0



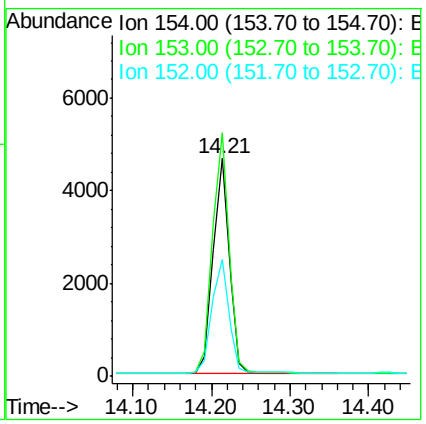


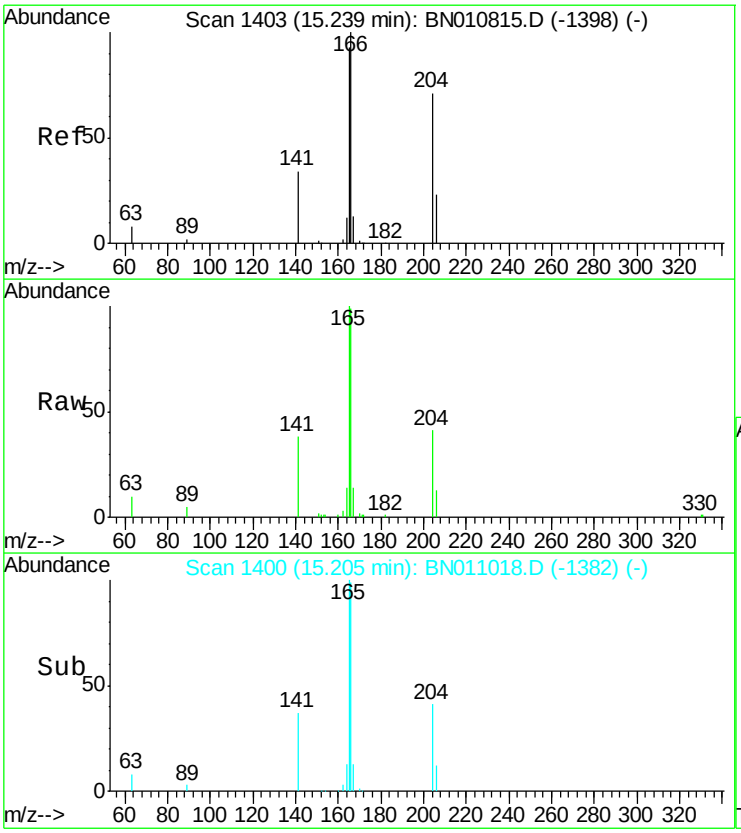
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 6676

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.8	137.6
152	55.2	47.6	71.4

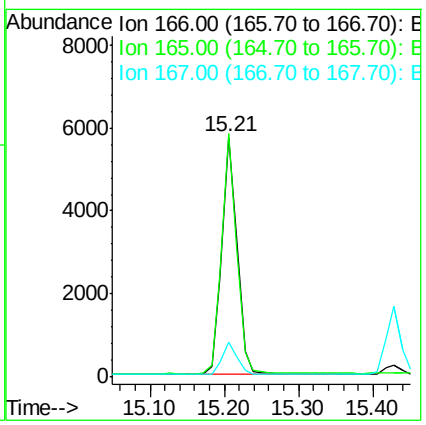


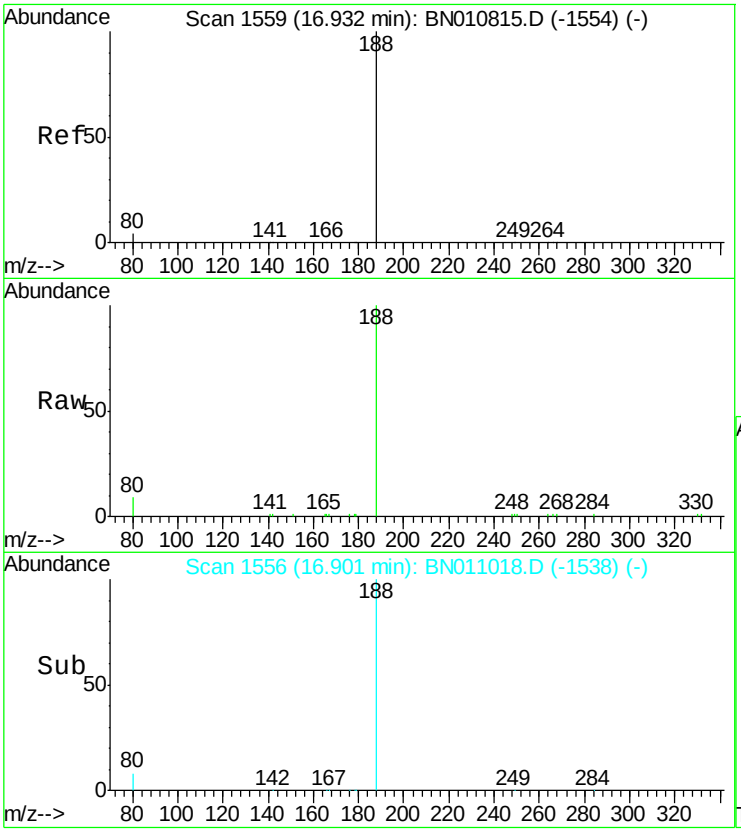


#18
Fluorene
Concen: 0.397 ng
RT: 15.21 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:166 Resp: 8300

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.2	115.8
167	13.5	10.7	16.1



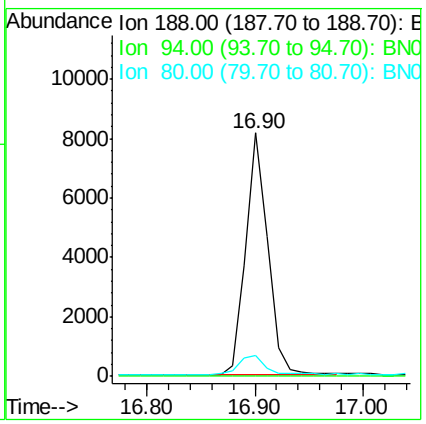


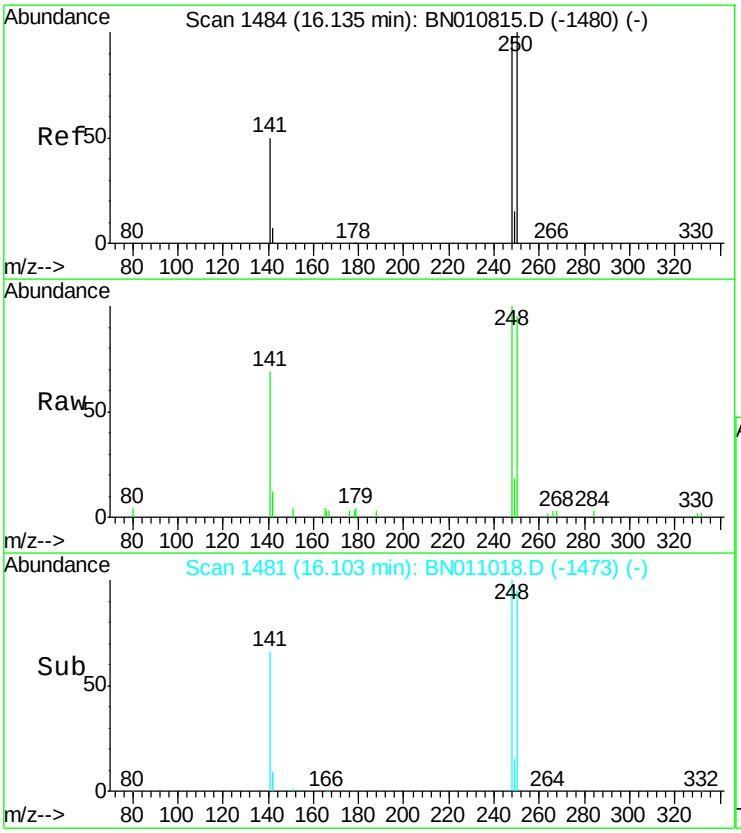
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 11535

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	4.5	6.7#

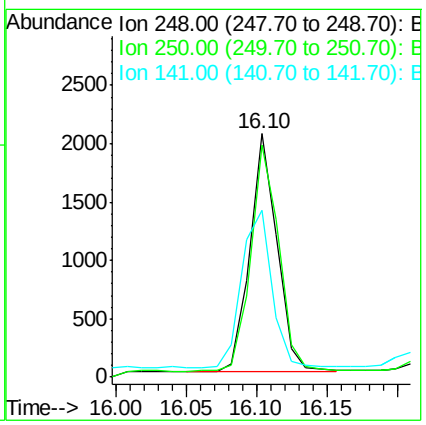


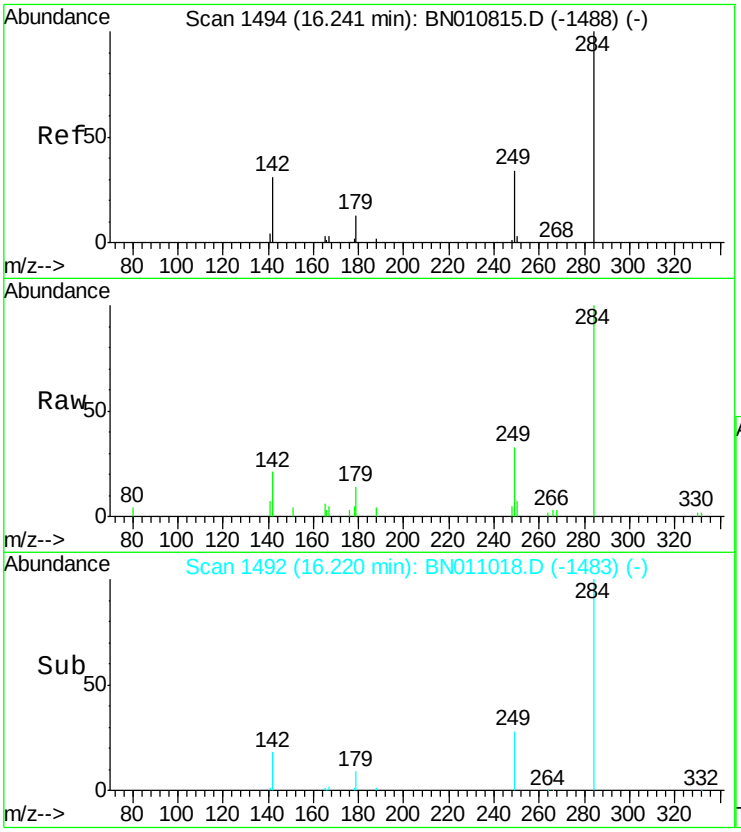


#20
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.10 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:248 Resp: 2744

Ion	Ratio	Lower	Upper
248	100		
250	95.4	81.8	122.8
141	68.6	42.6	64.0#



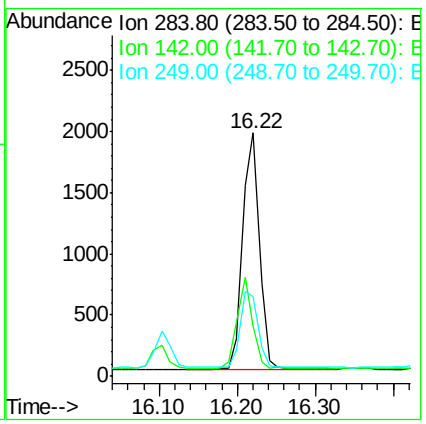


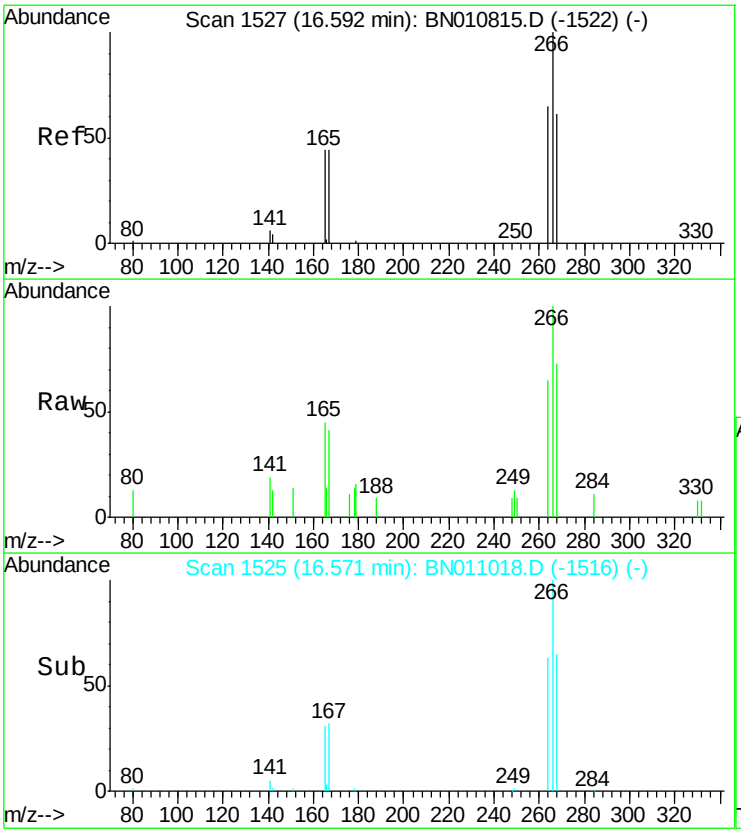
#21
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.22 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2887

Ion	Ratio	Lower	Upper
284	100		
142	34.7	31.0	46.4
249	33.6	27.1	40.7

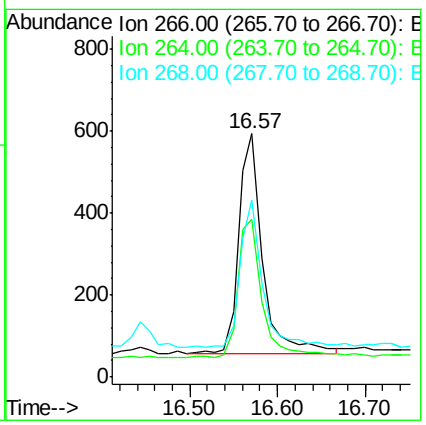


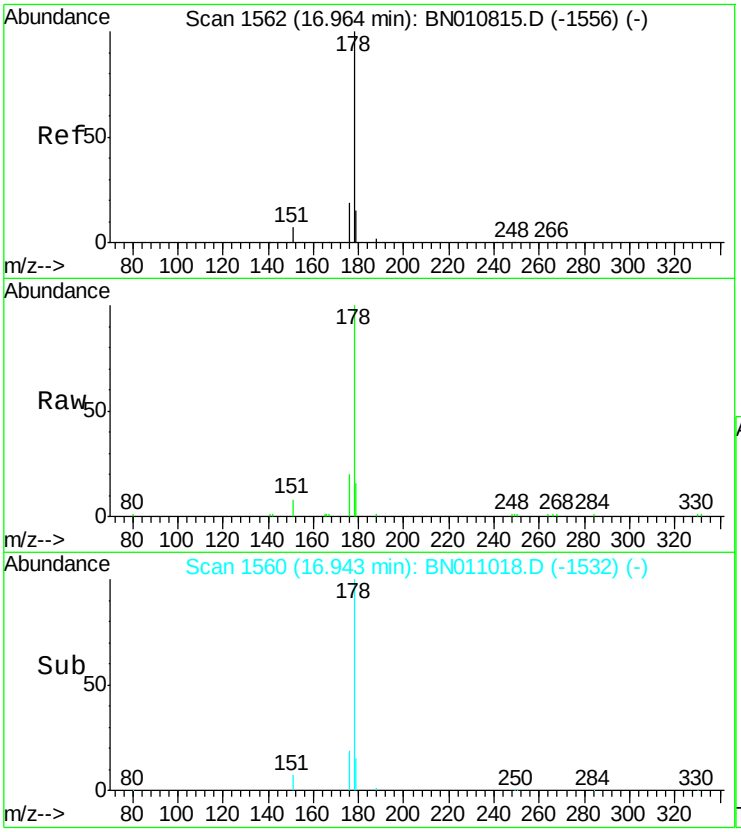


#22
Pentachlorophenol
Concen: 0.416 ng
RT: 16.57 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:266 Resp: 1009

Ion	Ratio	Lower	Upper
266	100		
264	64.8	54.8	82.2
268	72.9	55.9	83.9



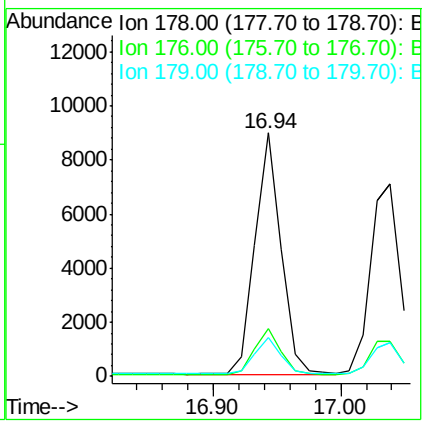


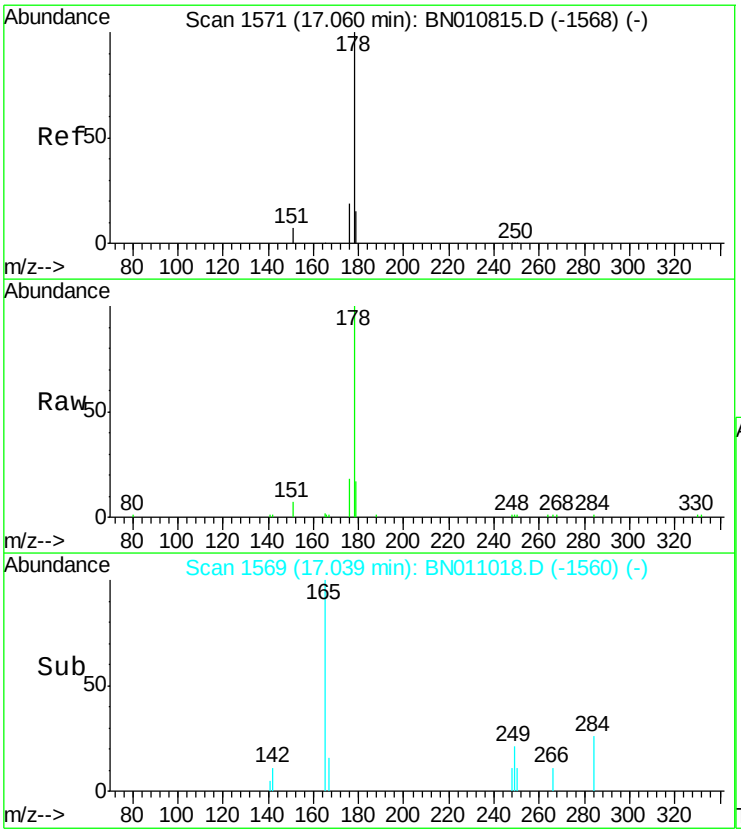
#23
Phenanthrene
Concen: 0.404 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 12728

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.5	12.6	19.0

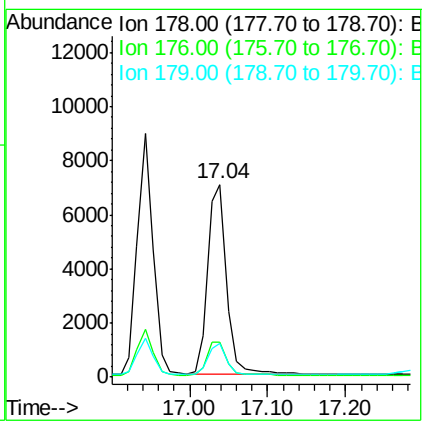


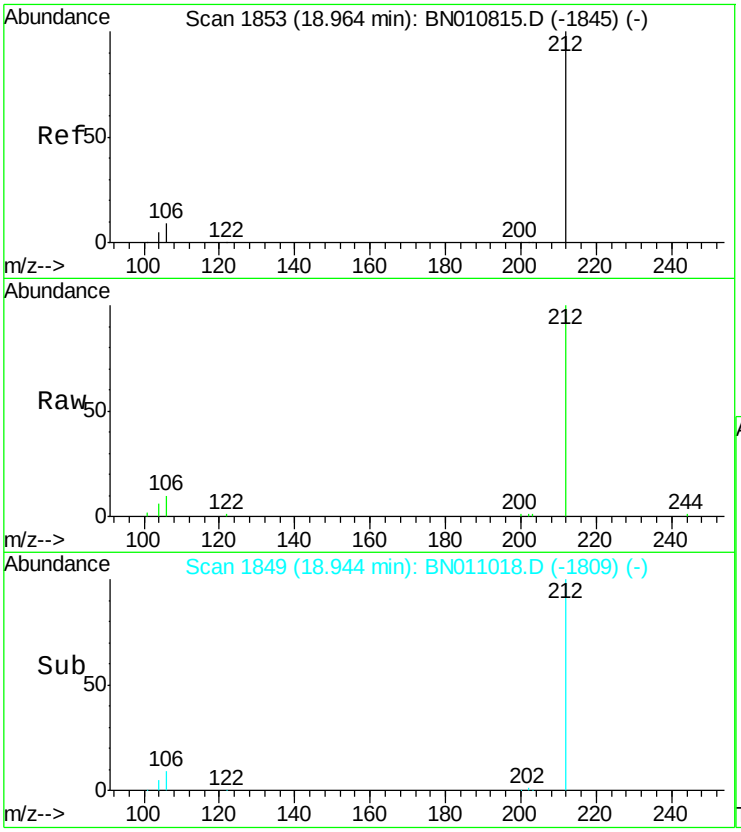


#24
Anthracene
Concen: 0.448 ng
RT: 17.04 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:178 Resp: 11773

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.3	18.5



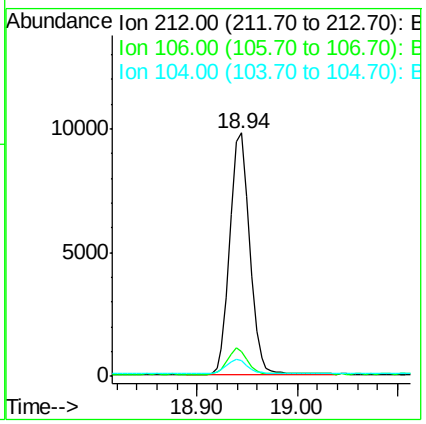


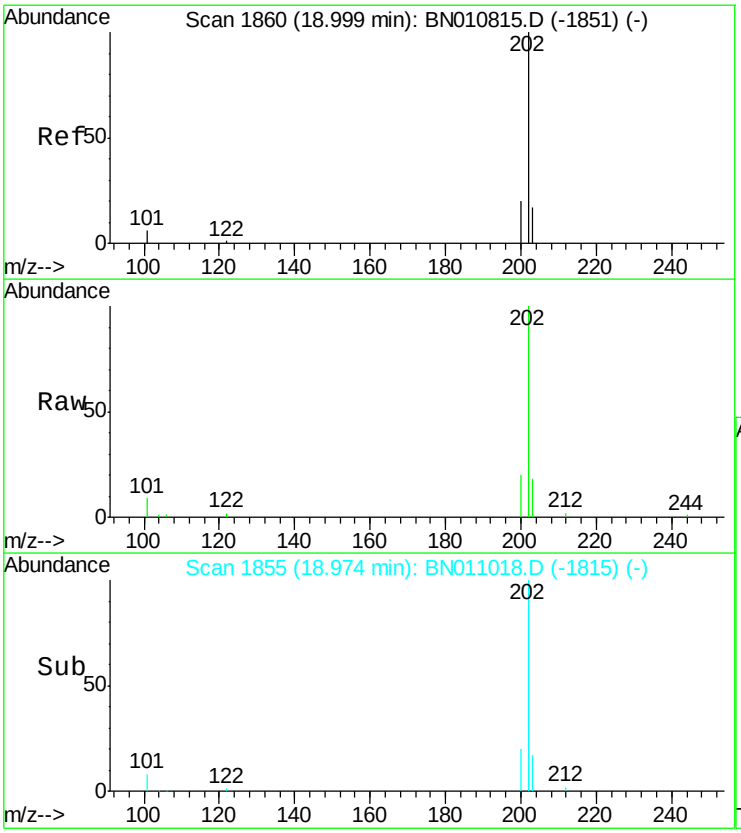
#25
Fluoranthene-d10
Concen: 0.421 ng
RT: 18.94 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 13387

Ion	Ratio	Lower	Upper
212	100		
106	10.3	6.6	10.0#
104	5.8	4.0	6.0

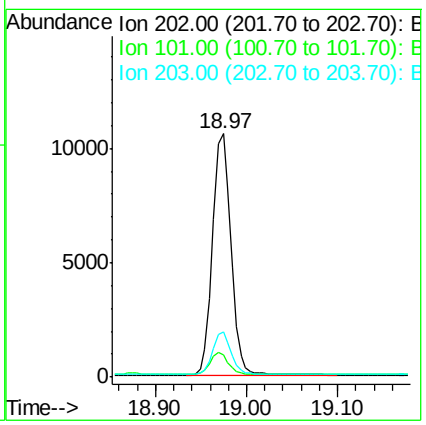


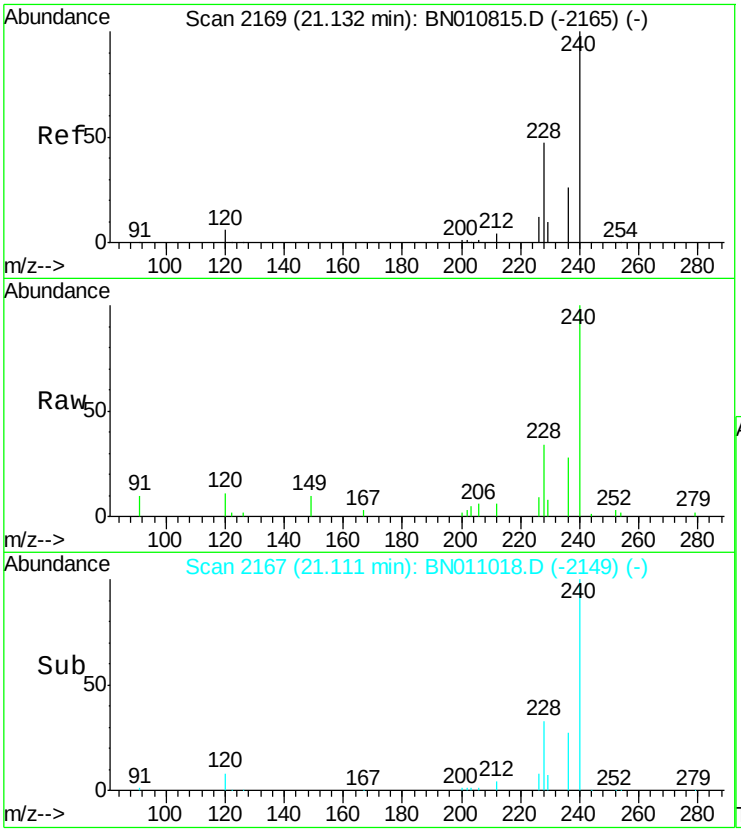


#26
Fluoranthene
Concen: 0.411 ng
RT: 18.97 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:202 Resp: 14690

Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.8	8.6#
203	17.2	13.7	20.5



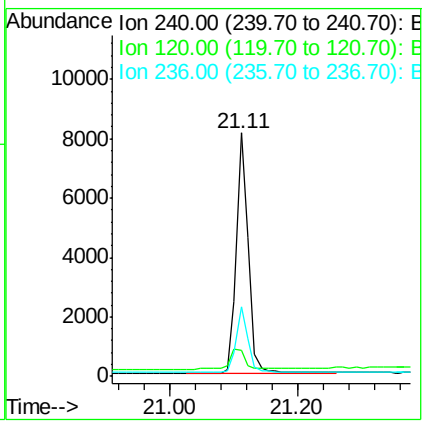


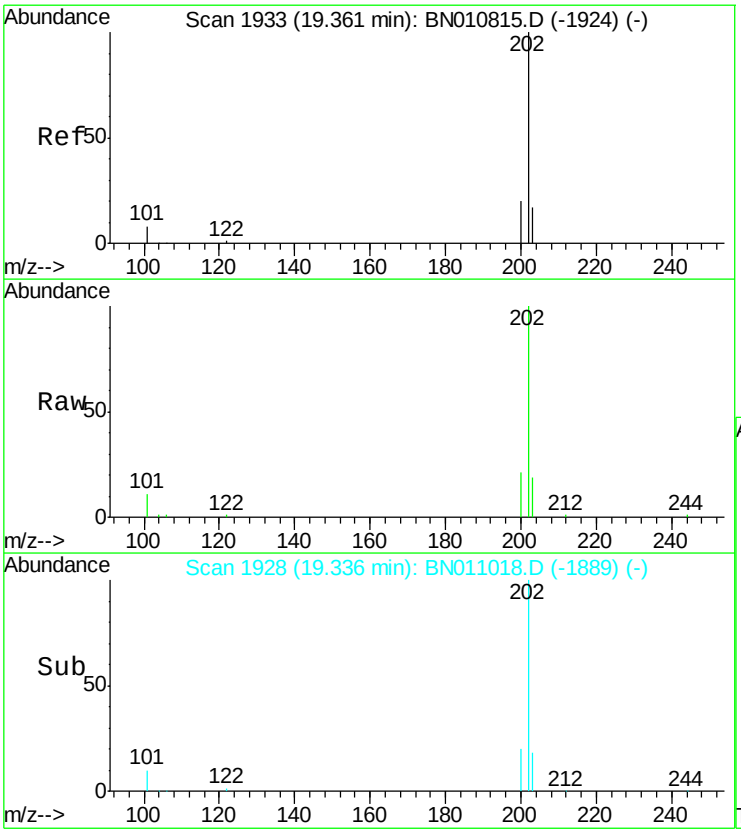
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 10526

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.5	11.3
236	28.4	22.3	33.5

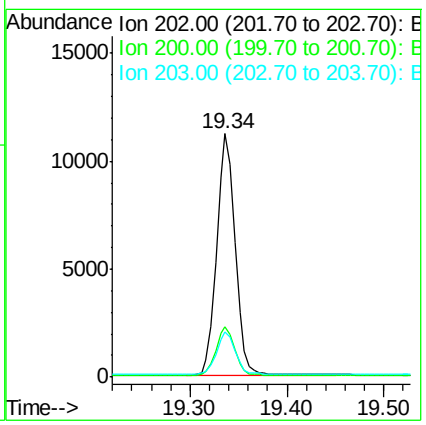


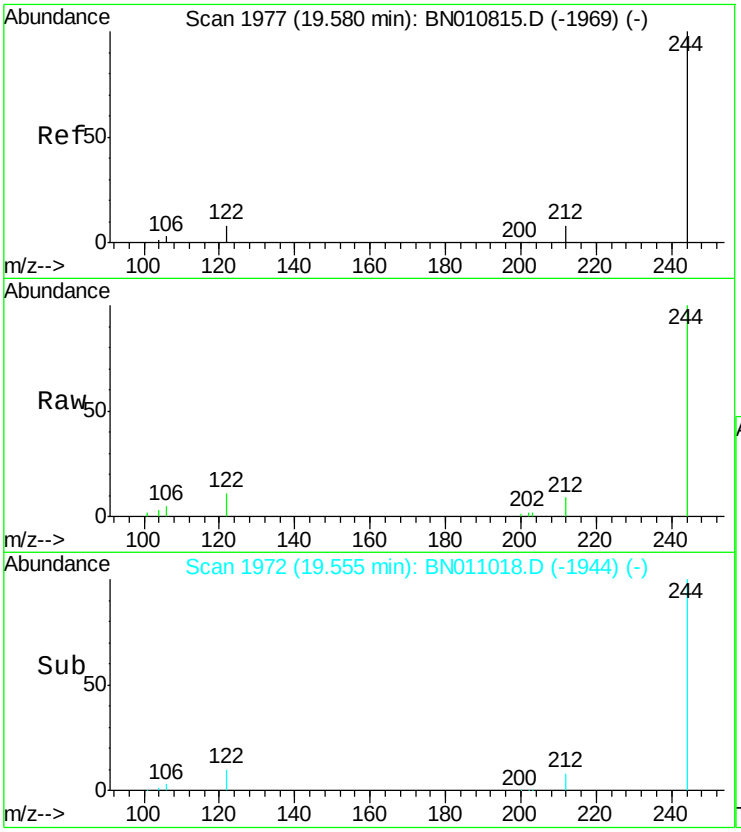


#28
Pyrene
Concen: 0.428 ng
RT: 19.34 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:202 Resp: 14920

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.9	14.2	21.4



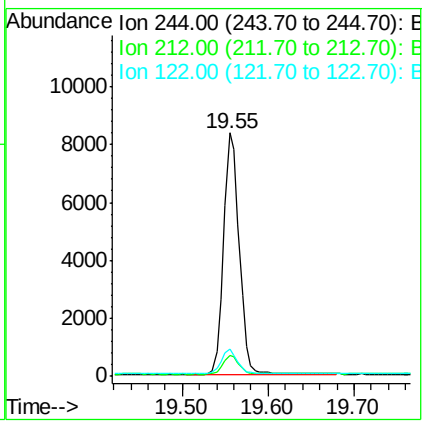


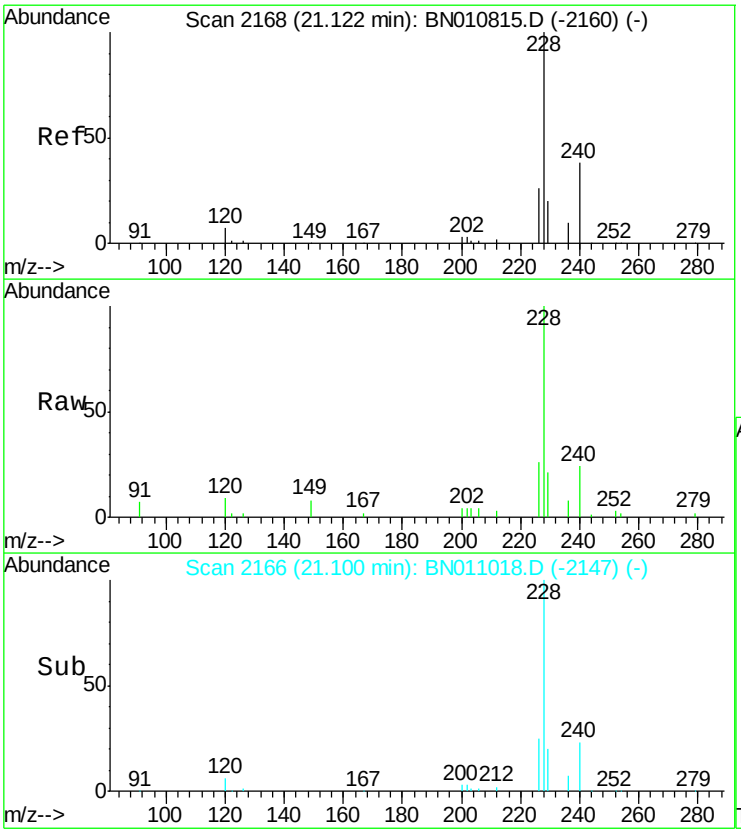
#29
Terphenyl-d14
Concen: 0.429 ng
RT: 19.55 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 10579

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

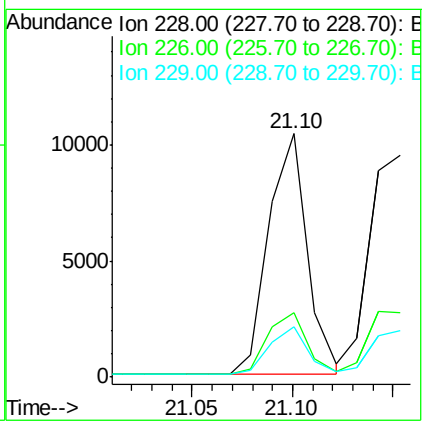


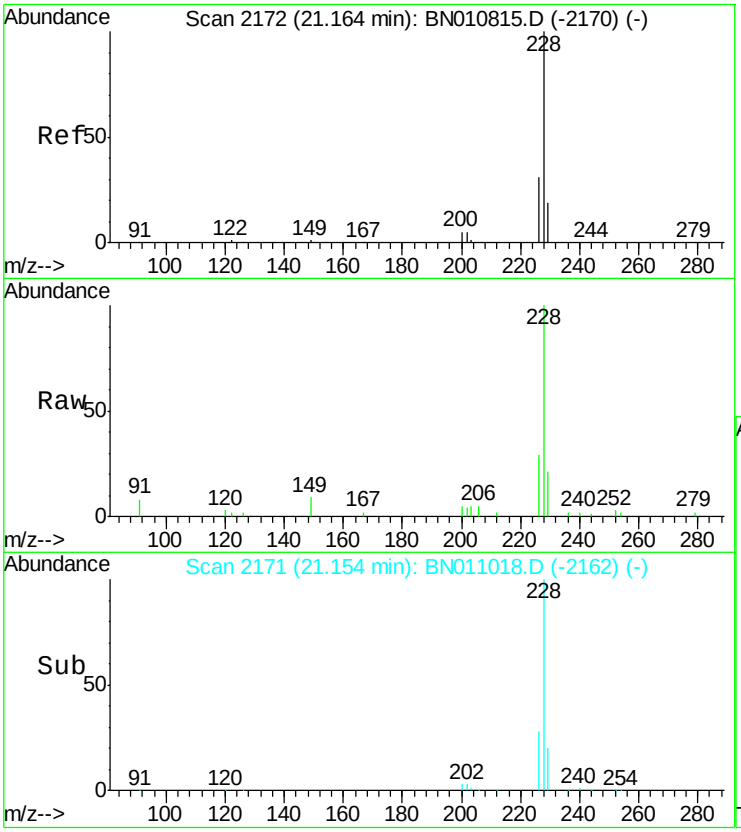


#30
Benzo(a)anthracene
Concen: 0.450 ng
RT: 21.10 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:228 Resp: 13909

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	20.9	16.6	24.8



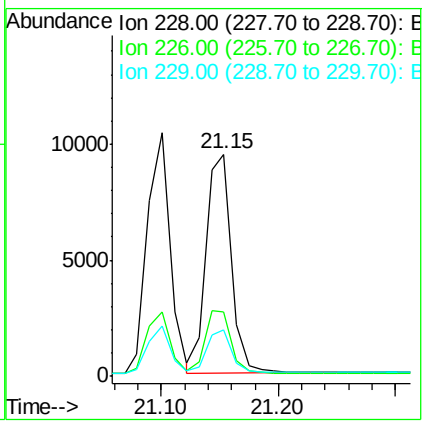


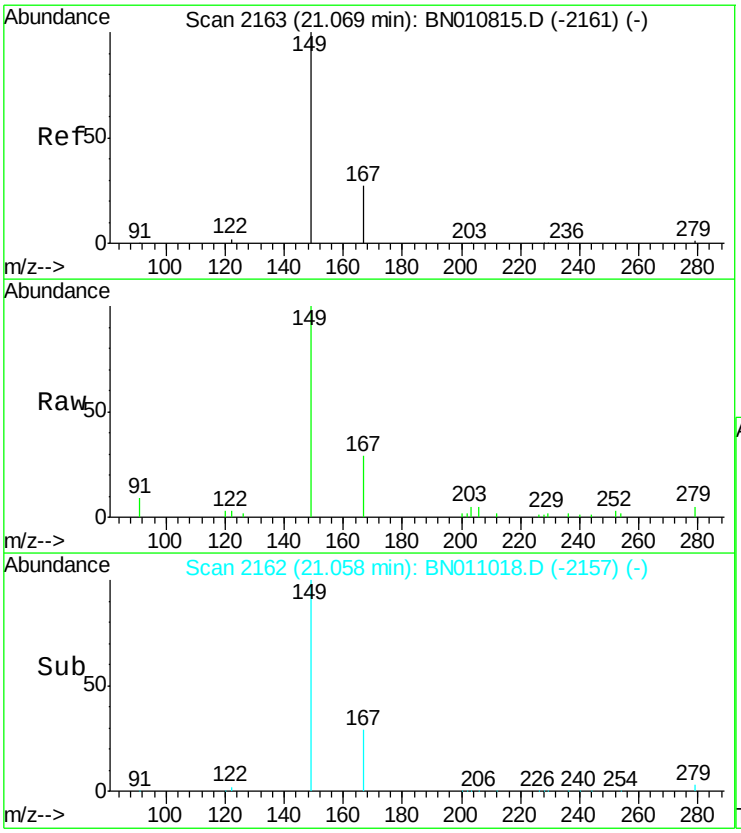
#31
Chrysene
Concen: 0.395 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 14234

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	20.9	16.1	24.1

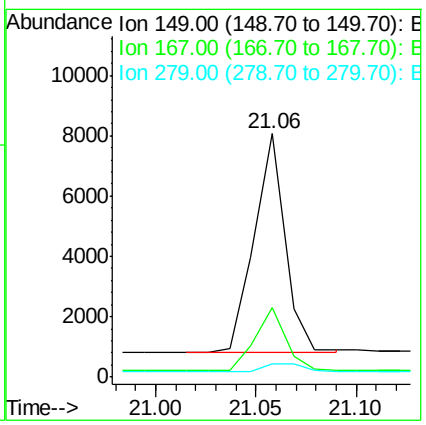


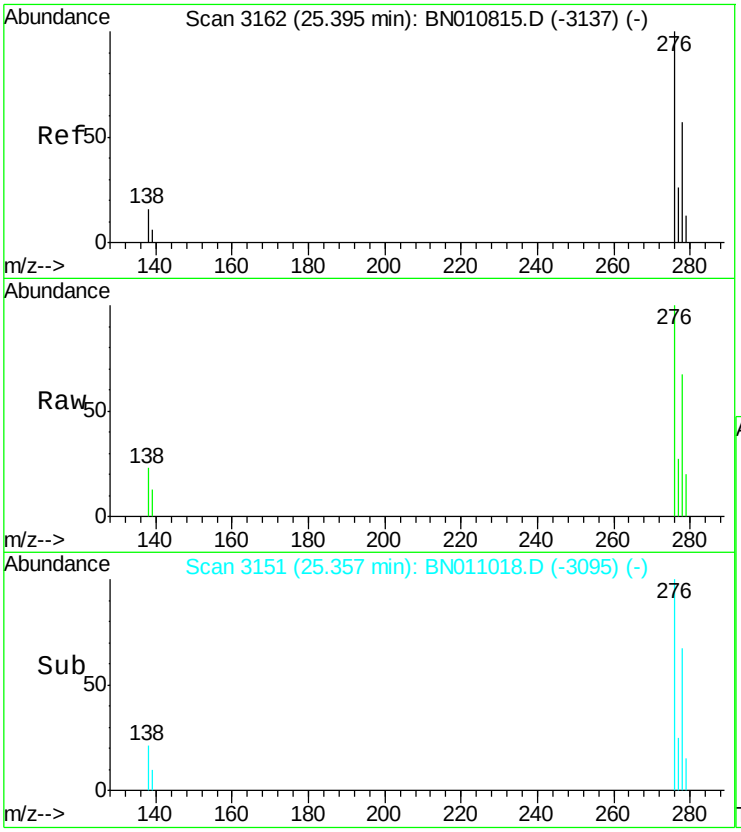


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.755 ng
RT: 21.06 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:149 Resp: 7793

Ion	Ratio	Lower	Upper
149	100		
167	28.3	24.1	36.1
279	5.0	4.6	7.0



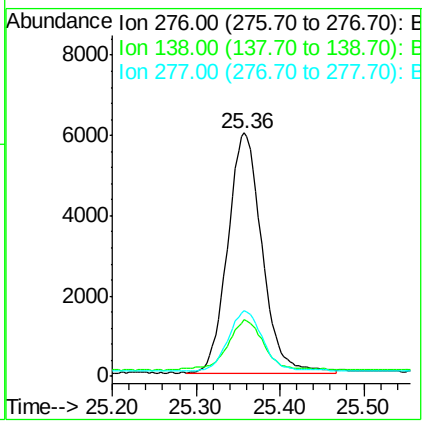


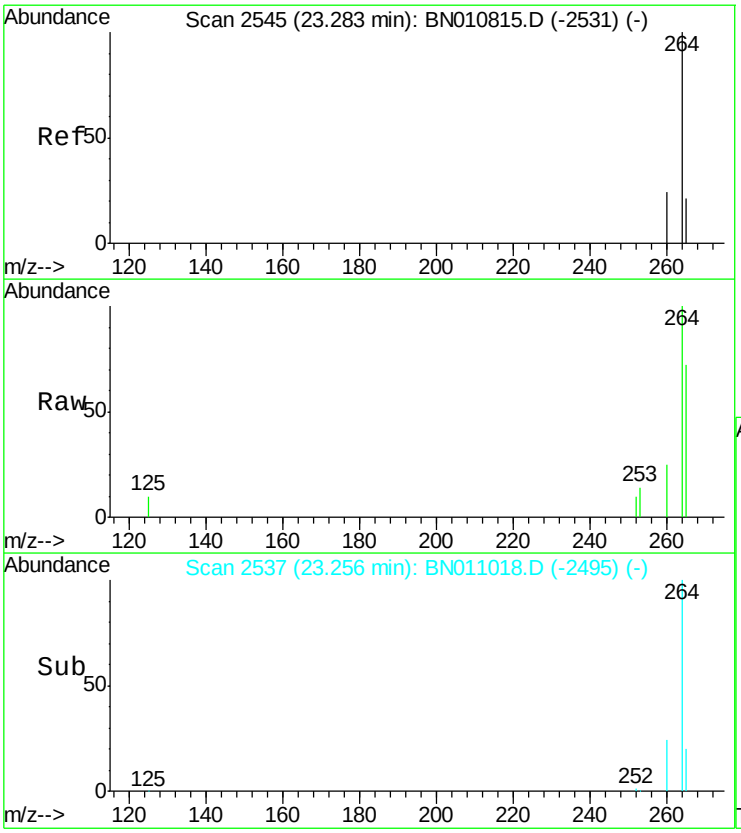
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng
RT: 25.36 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 16995

Ion	Ratio	Lower	Upper
276	100		
138	22.3	13.0	19.6#
277	25.6	19.7	29.5

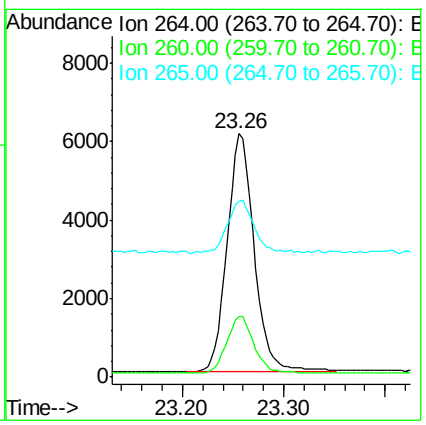


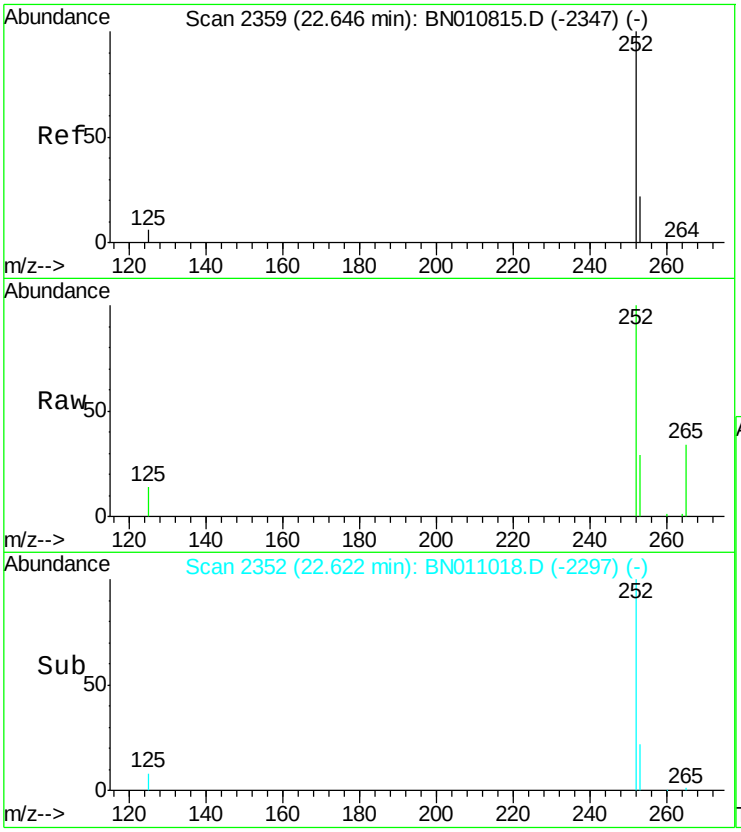


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:264 Resp: 11212

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	72.0	75.0	112.4#



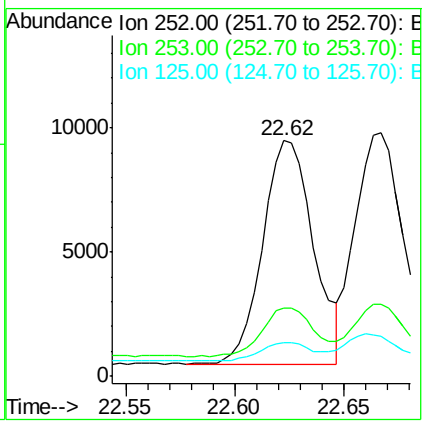


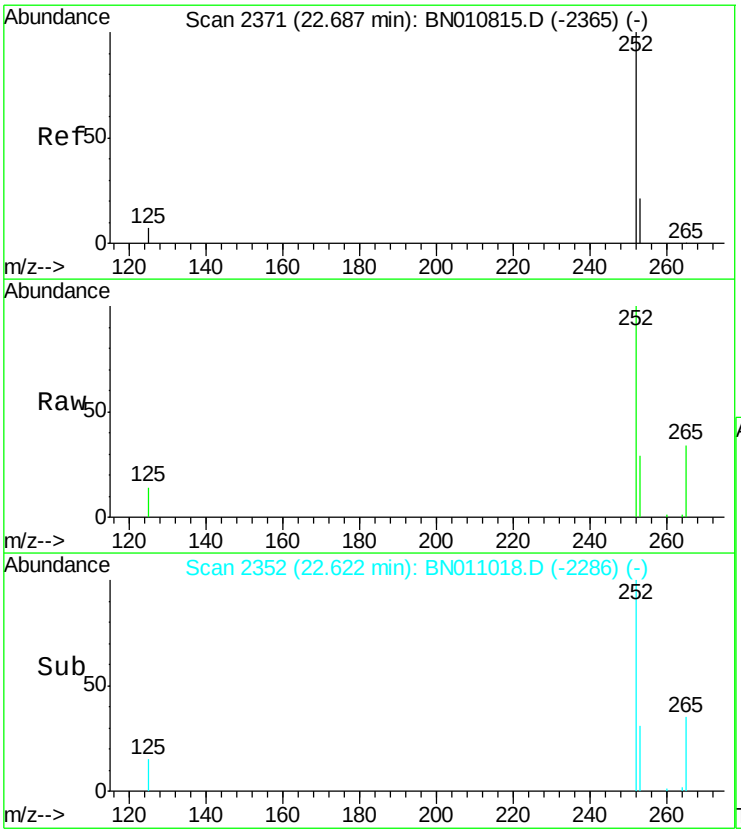
#35
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.62 min Scan# 2352
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 14533

Ion	Ratio	Lower	Upper
252	100		
253	29.2	22.4	33.6
125	14.1	9.4	14.0#

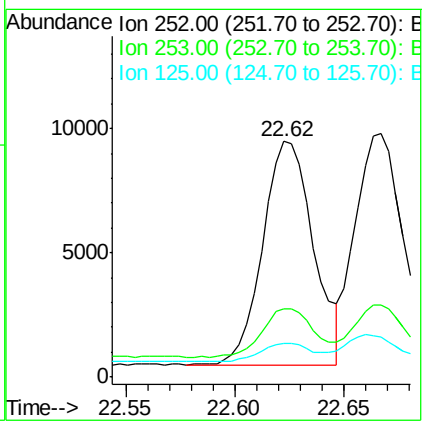


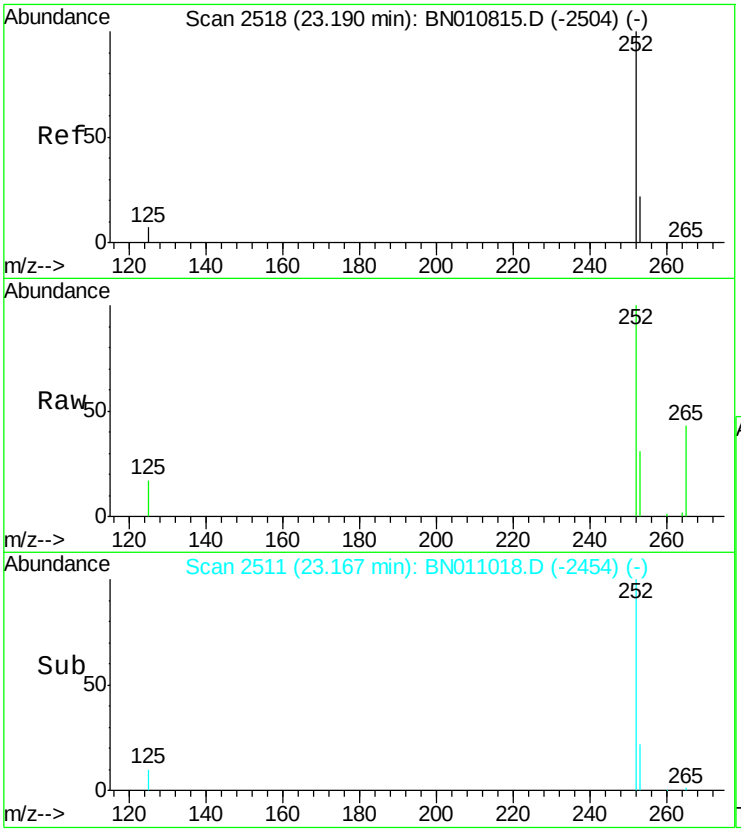


#36
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 22.62 min Scan# 2352
Delta R.T. -0.05 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:252 Resp: 14533

Ion	Ratio	Lower	Upper
252	100		
253	29.2	22.2	33.4
125	14.1	9.8	14.8



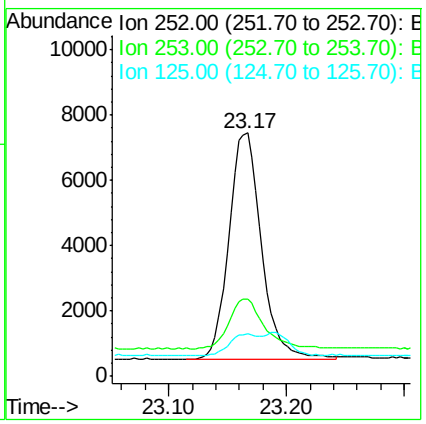


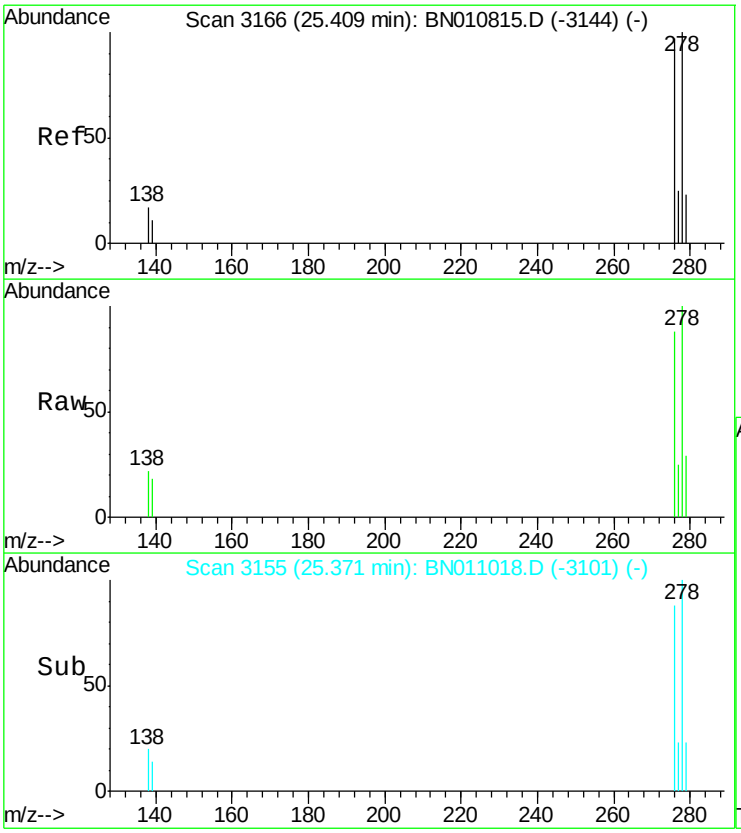
#37
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.17 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13325

Ion	Ratio	Lower	Upper
252	100		
253	31.5	25.8	38.8
125	17.4	12.4	18.6

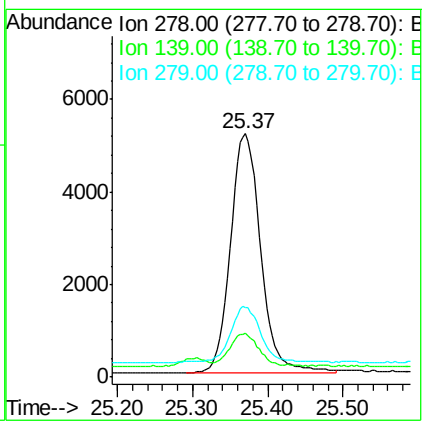


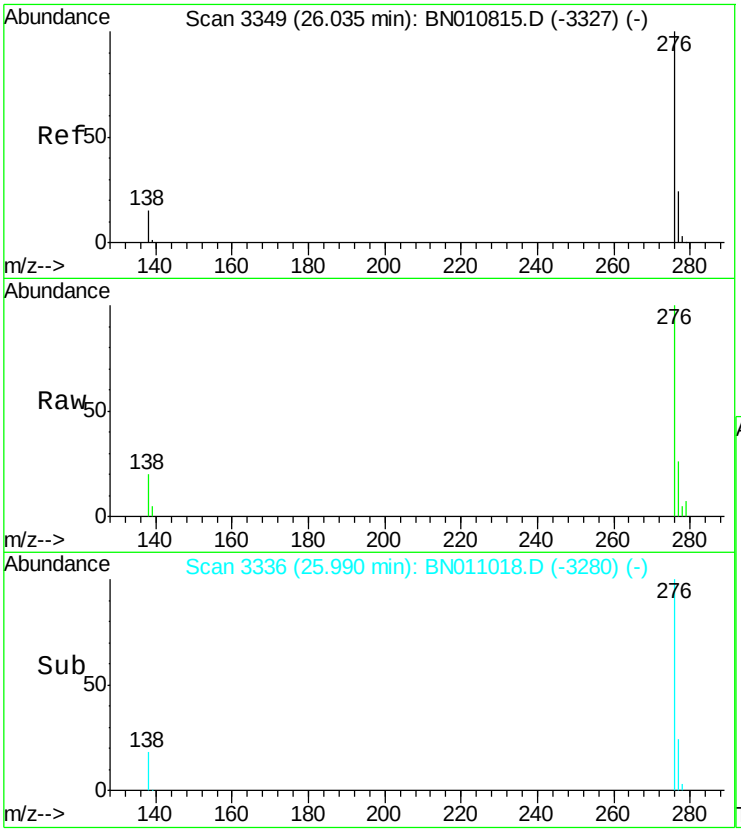


#38
Dibenzo(a,h)anthracene
Concen: 0.375 ng
RT: 25.37 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Tgt Ion:278 Resp: 14001

Ion	Ratio	Lower	Upper
278	100		
139	17.8	10.6	15.8#
279	28.7	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.364 ng
RT: 25.99 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BN011018.D
Acq: 22 Jun 2020 20:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 14176

Ion	Ratio	Lower	Upper
276	100		
277	26.2	20.5	30.7
138	20.4	13.7	20.5