Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010865.D
Acq On : 13 Jun 2020 05:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 23 20:01:57 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	7.55	152	2942	0.40	ng		0.02
7) Naphthalene-d8	10.30	136	10558	0.40	ng		0.03
13) Acenaphthene-d10	14.17	164	5796	0.40	ng		0.02
19) Phenanthrene-d10	16.92	188	11698	0.40	ng		0.01
27) Chrysene-d12	21.12	240	11396	0.40	ng		0.00
34) Perylene-d12	23.28	264	11978	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2862	0.50	ng		0.02
5) Phenol-d6	6.74	99	3429	0.51	ng		0.02
8) Nitrobenzene-d5	8.68	82	3192	0.41	ng		0.01
11) 2-Methylnaphthalene-d10	11.90	152	7030	0.43	ng		0.02
14) 2,4,6-Tribromophenol	15.67	330	842	0.41	ng		0.01
15) 2-Fluorobiphenyl	12.79	172	9512	0.42	ng		0.01
25) Fluoranthene-d10	18.96	212	13950	0.43	ng		0.01
29) Terphenyl-d14	19.57	244	10827	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1264	0.439	ng		99
3) n-Nitrosodimethylamine	3.55	42	588	0.351	ng	#	83
6) bis(2-Chloroethyl)ether	6.99	93	3156	0.484	ng		94
9) Naphthalene	10.34	128	11312	0.426	ng		99
10) Hexachlorobutadiene	10.65	225	2607	0.398	ng	#	99
12) 2-Methylnaphthalene	11.97	142	7552	0.425	ng		98
16) Acenaphthylene	13.89	152	10014	0.422	ng		99
17) Acenaphthene	14.24	154	6946	0.429	ng		98
18) Fluorene	15.23	166	8701	0.417	ng		99
20) 4-Bromophenyl-phenylether	16.12	248	2781	0.396	ng	#	89
21) Hexachlorobenzene	16.24	284	3092	0.422	ng		96
22) Pentachlorophenol	16.59	266	939	0.381	ng		96
23) Phenanthrene	16.96	178	13519	0.423	ng		99
24) Anthracene	17.06	178	11334	0.425	ng		100
26) Fluoranthene	18.99	202	15355	0.423	ng	#	98
28) Pyrene	19.36	202	15487	0.411	ng		99
30) Benzo(a)anthracene	21.11	228	14153	0.423	ng		99
31) Chrysene	21.16	228	16560	0.424	ng		97
32) Bis(2-ethylhexyl)phthalate	21.07	149	5523	0.495	ng	#	96
33) Indeno(1,2,3-cd)pyrene	25.38	276	18845	0.432	ng	#	95
35) Benzo(b)fluoranthene	22.64	252	15892	0.390	ng		98
36) Benzo(k)fluoranthene	22.68	252	16923	0.390	ng		97
37) Benzo(a)pyrene	23.18	252	14367	0.411	ng		96
38) Dibenzo(a,h)anthracene	25.39	278	15327	0.385	ng		96
39) Benzo(g,h,i)perylene	26.02	276	15717	0.377	ng		97

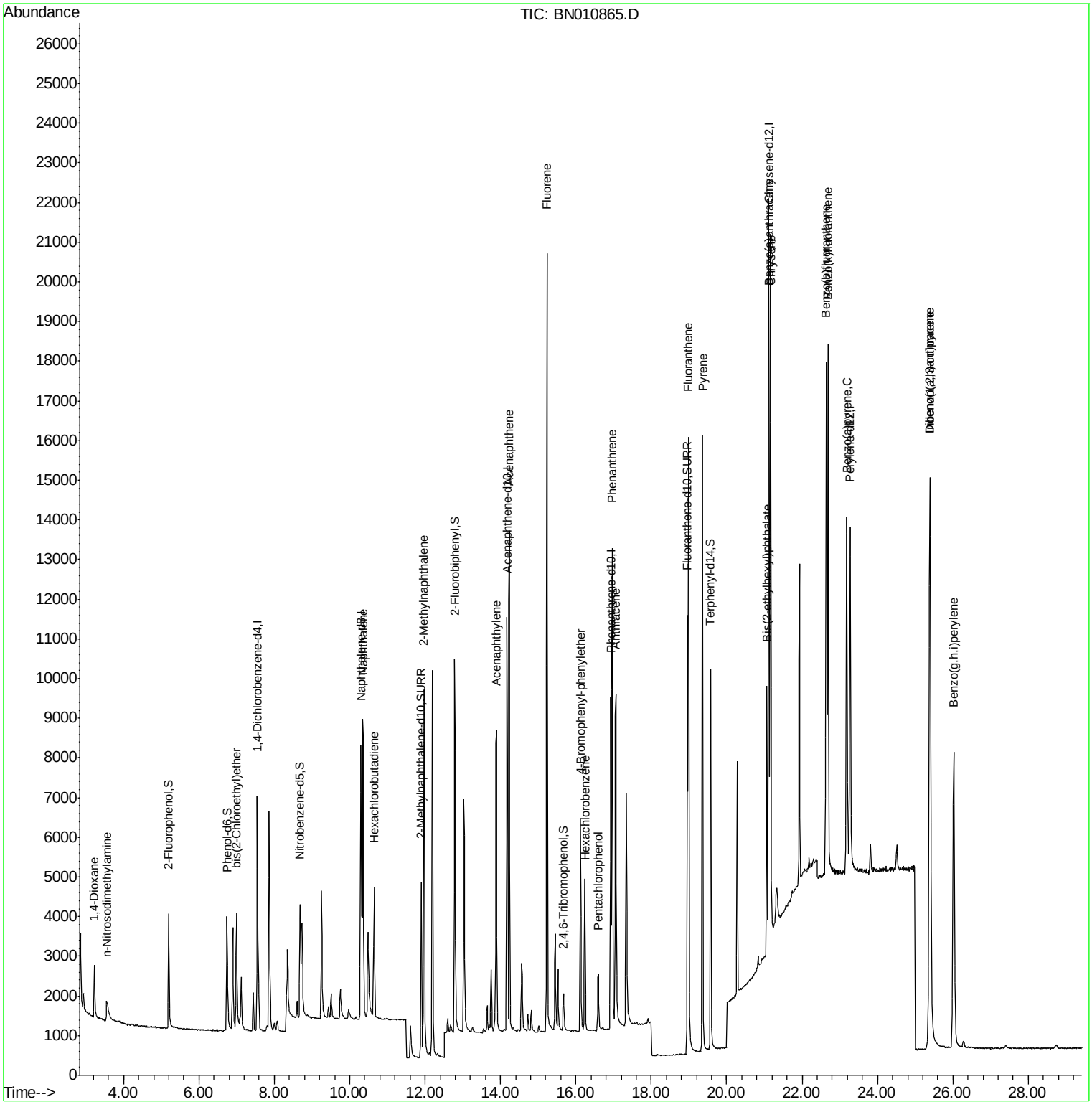
(#) = qualifier out of range (m) = manual integration (+) = signals summed

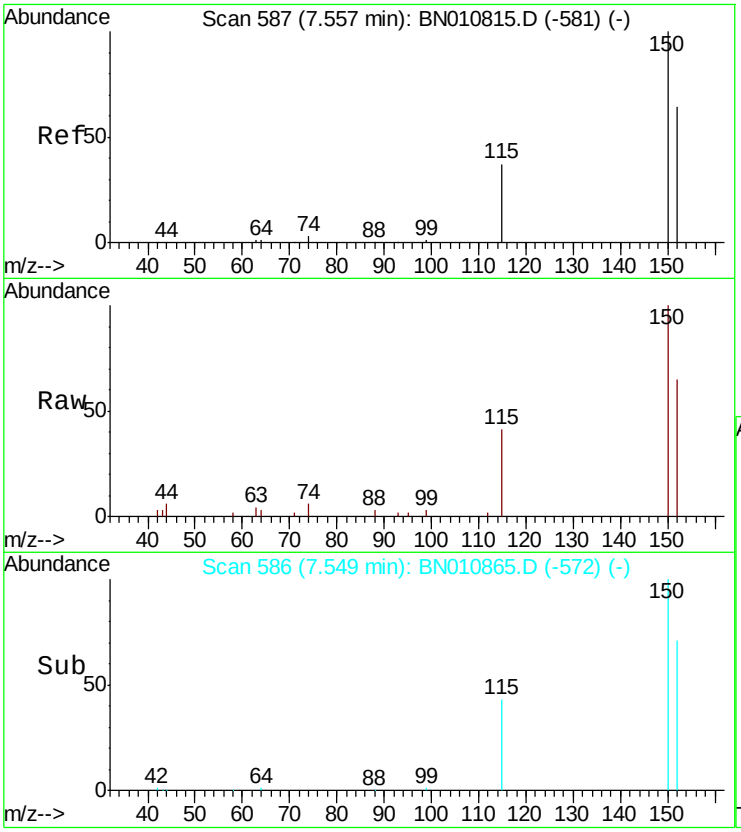
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010865.D
Acq On : 13 Jun 2020 05:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 23 20:01:57 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



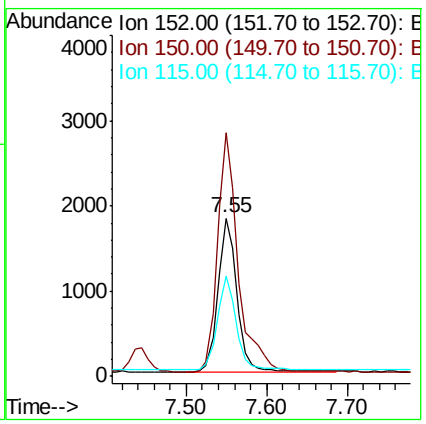


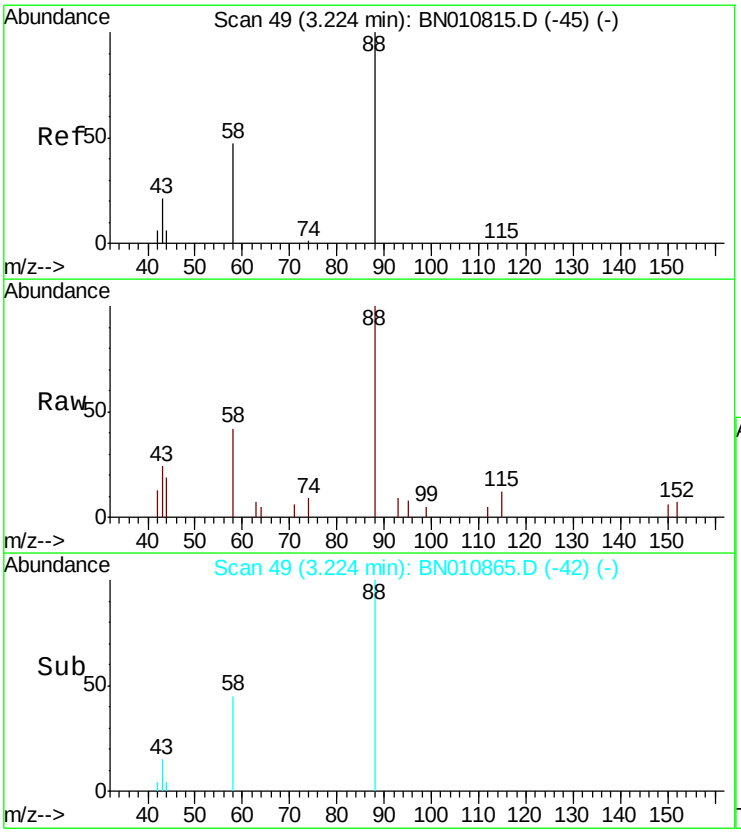
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2942

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.6
115	63.7	49.2	73.8

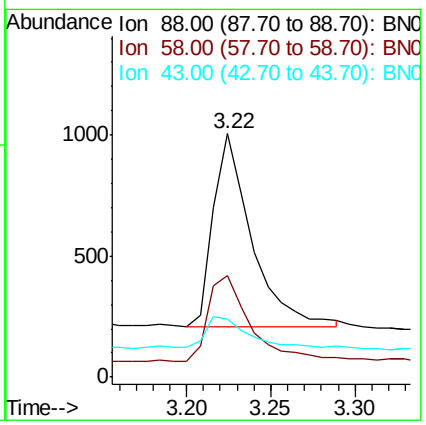


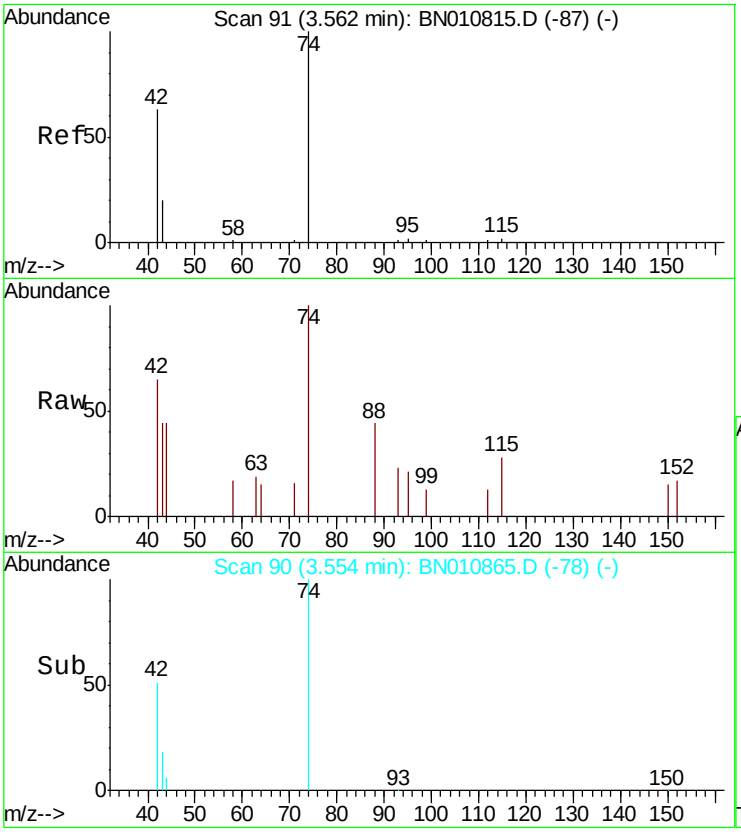


#2
1,4-Dioxane
Concen: 0.439 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion: 88 Resp: 1264

Ion	Ratio	Lower	Upper
88	100		
58	48.2	38.2	57.4
43	17.2	15.1	22.7



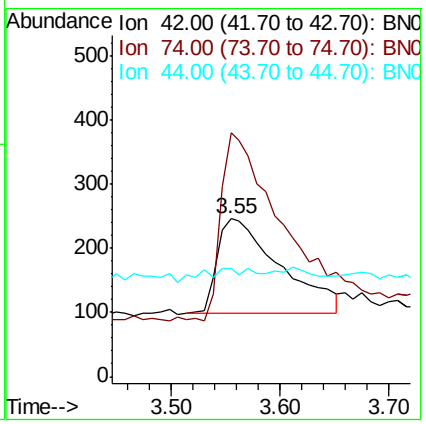


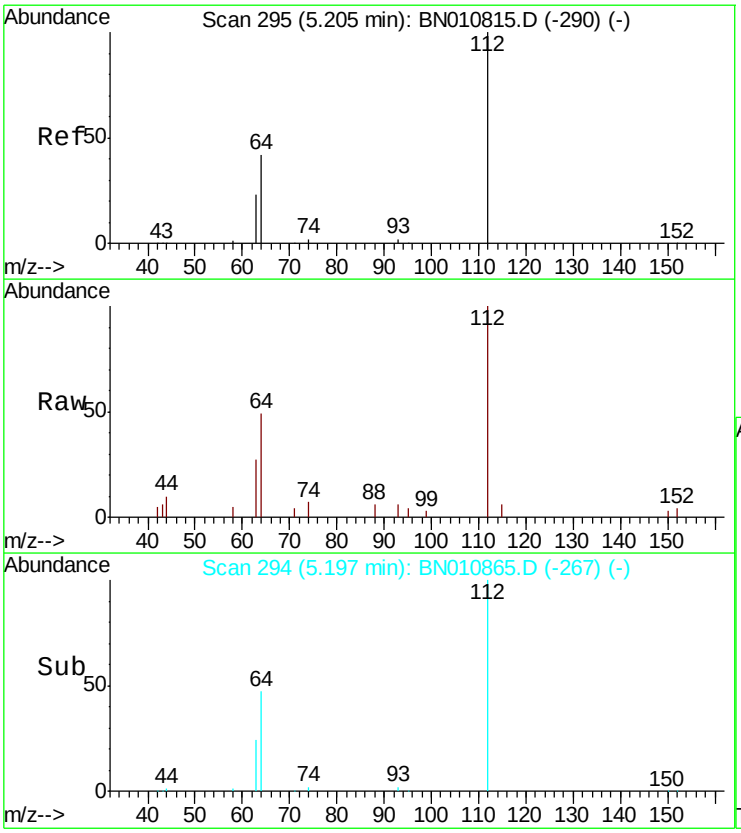
#3
n-Nitrosodimethylamine
Concen: 0.351 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.00 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 588

Ion	Ratio	Lower	Upper
42	100		
74	199.7	140.7	211.1
44	8.3	1.4	2.2#

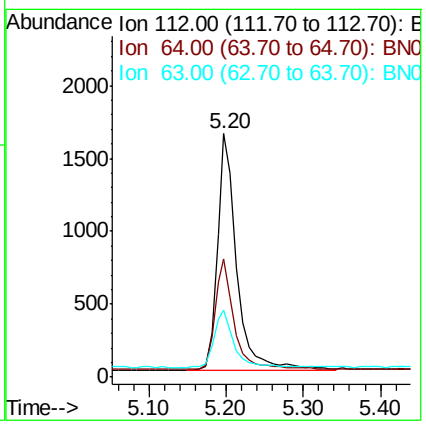


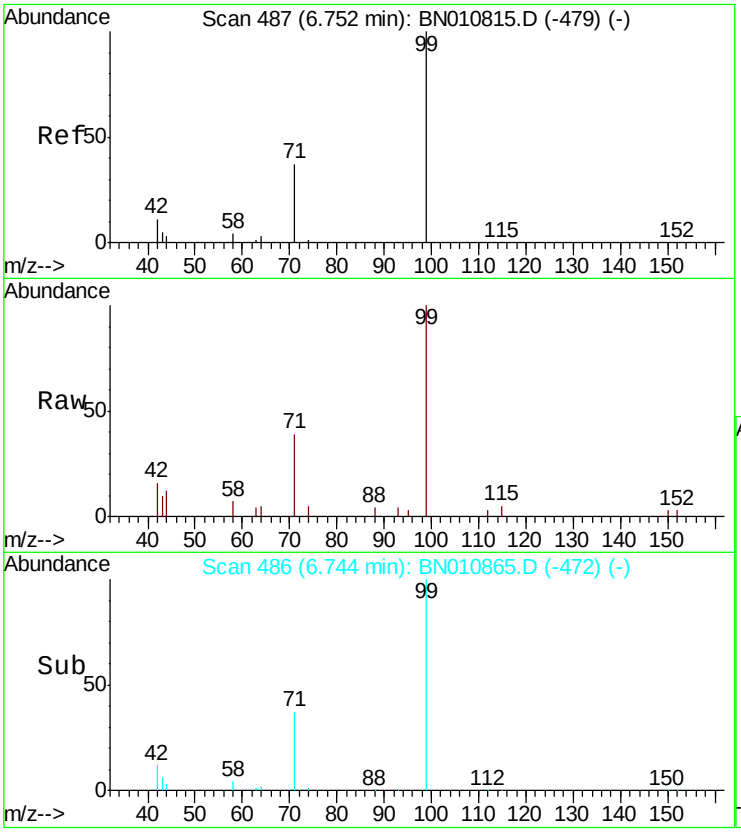


#4
2-Fluorophenol
Concen: 0.504 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:112 Resp: 2862

Ion	Ratio	Lower	Upper
112	100		
64	45.9	37.4	56.0
63	24.7	22.2	33.4



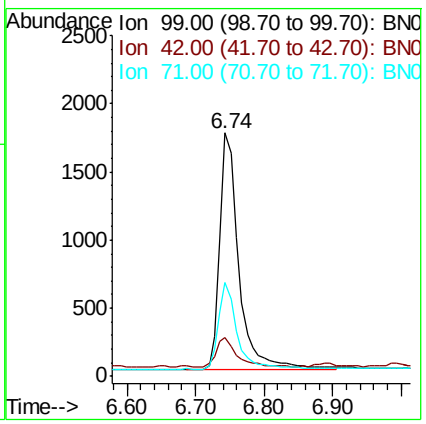


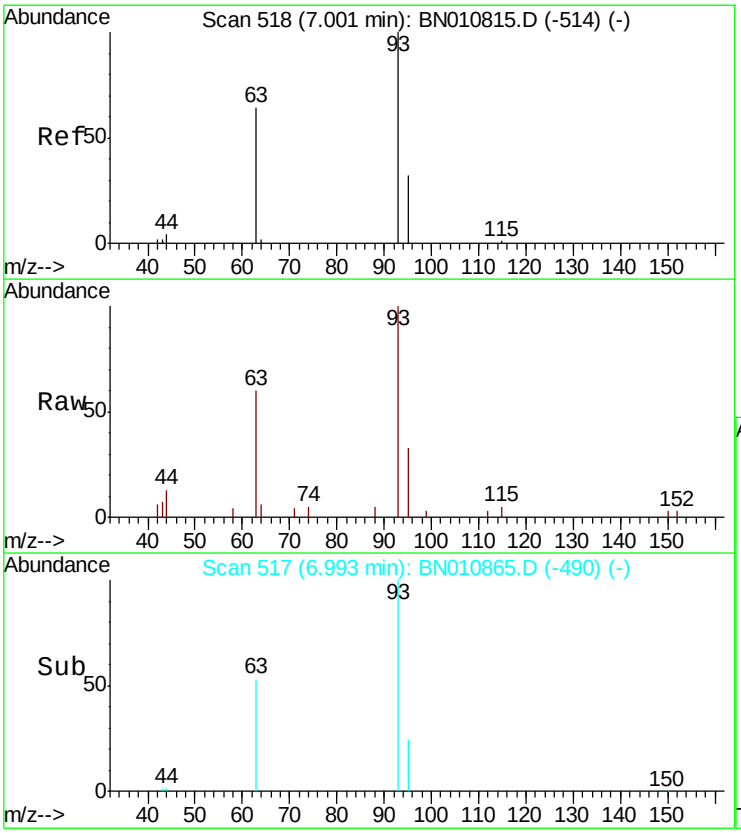
#5
Phenol-d6
Concen: 0.513 ng
RT: 6.74 min Scan# 486
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3429

Ion	Ratio	Lower	Upper
99	100		
42	12.4	11.1	16.7
71	34.9	31.4	47.2

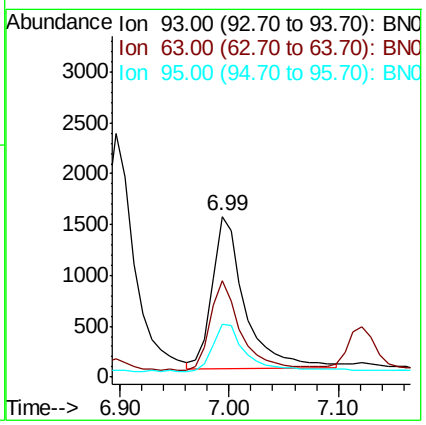


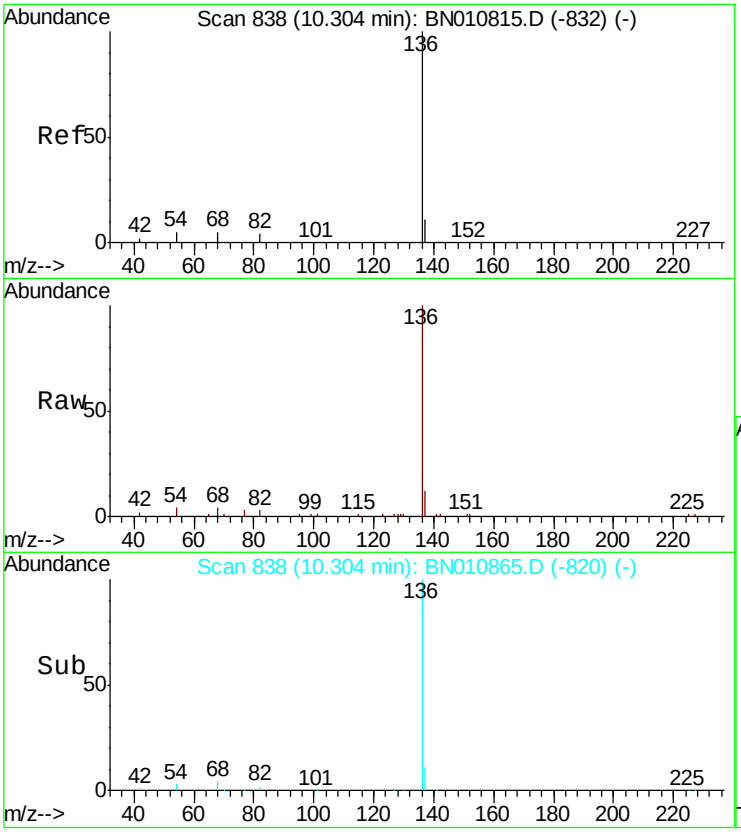


#6
bis(2-Chloroethyl)ether
Concen: 0.484 ng
RT: 6.99 min Scan# 517
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion: 93 Resp: 3156

Ion	Ratio	Lower	Upper
93	100		
63	55.0	49.4	74.2
95	32.9	26.7	40.1



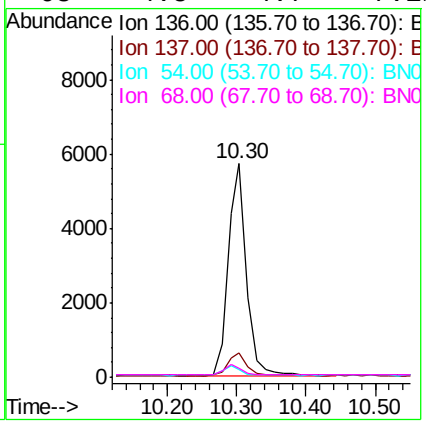


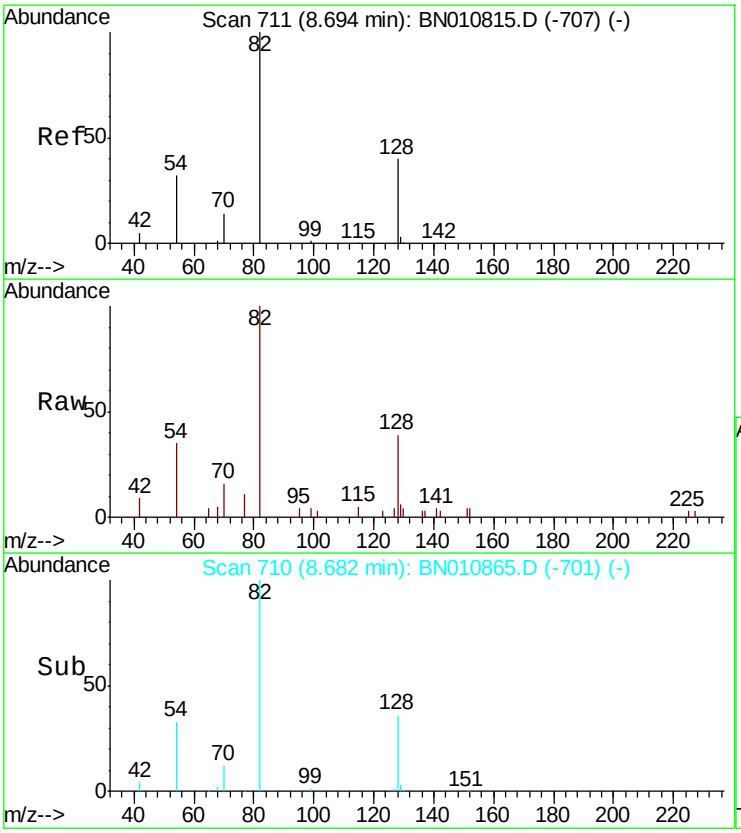
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.03 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 10558

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	3.7	4.9	7.3#
68	4.5	4.7	7.1#

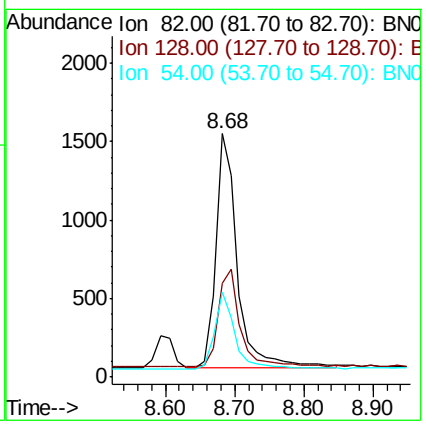


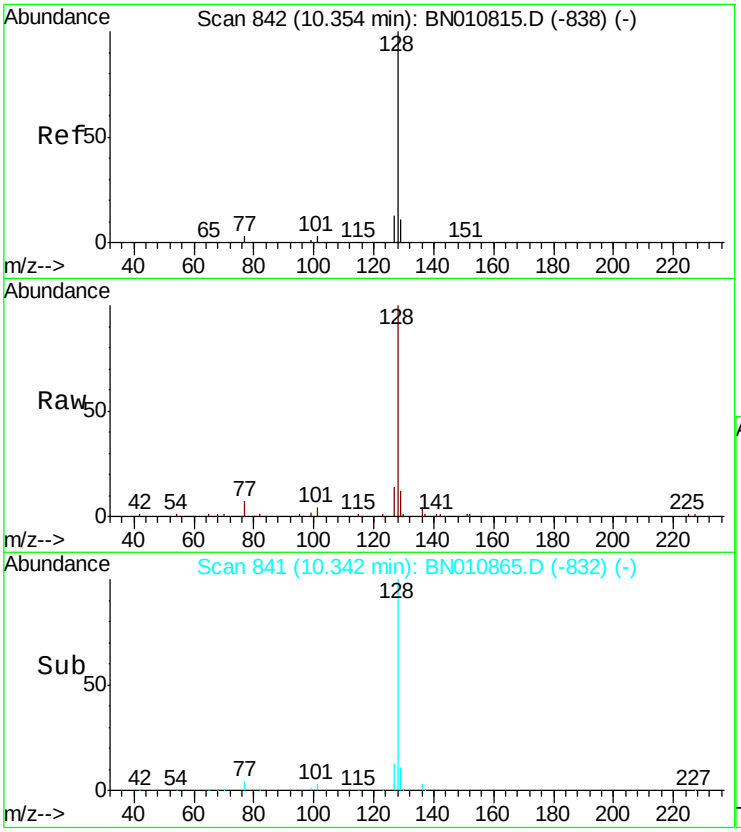


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion: 82 Resp: 3192

Ion	Ratio	Lower	Upper
82	100		
128	38.7	35.4	53.0
54	35.1	28.2	42.4



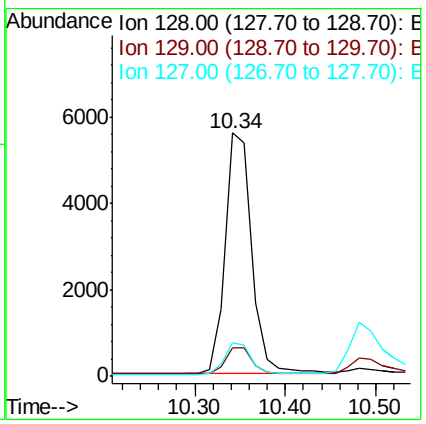


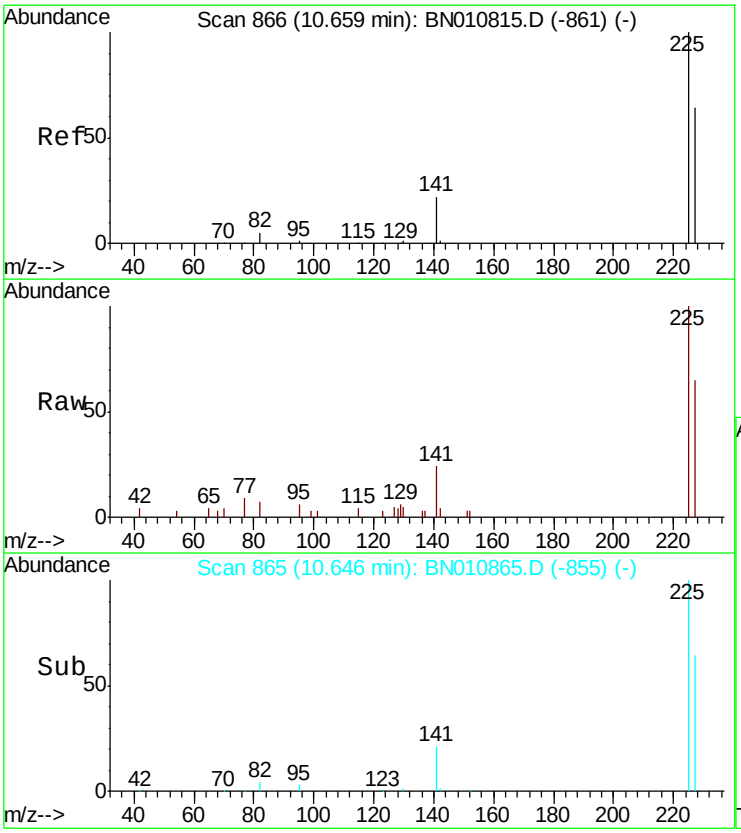
#9
Naphthalene
Concen: 0.426 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 11312

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	13.8	11.4	17.2

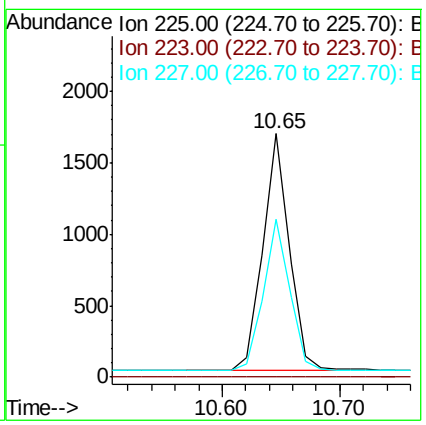


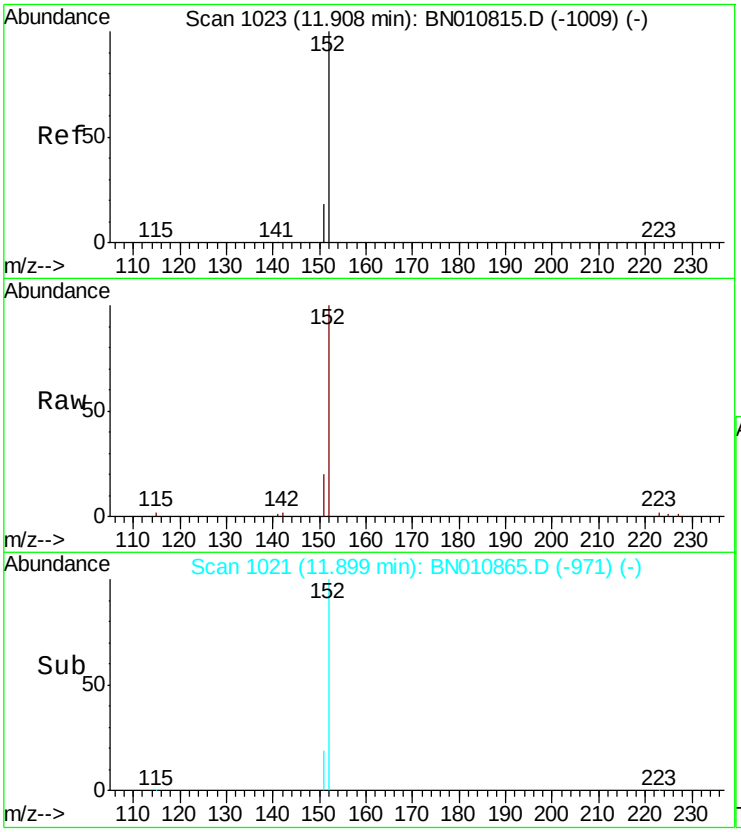


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.65 min Scan# 865
Delta R.T. 0.03 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:225 Resp: 2607

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.5	75.7



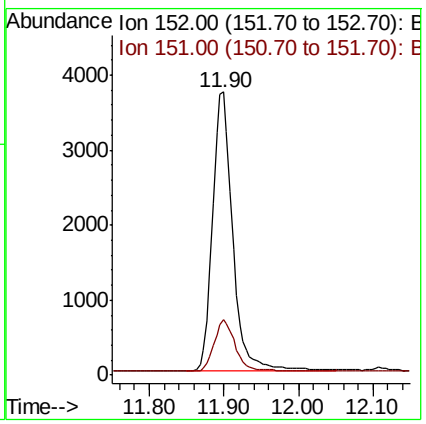


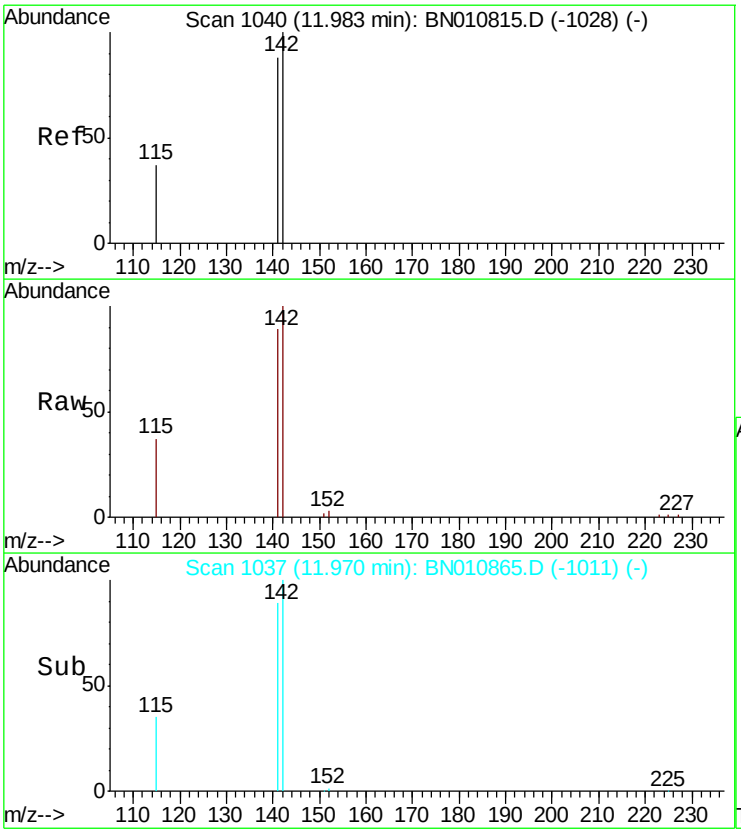
#11
2-Methylnaphthalene-d10
Concen: 0.429 ng
RT: 11.90 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7030

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9

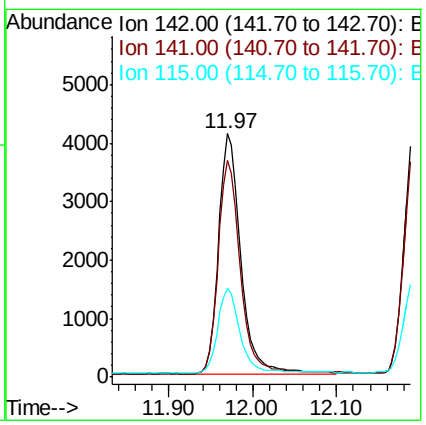


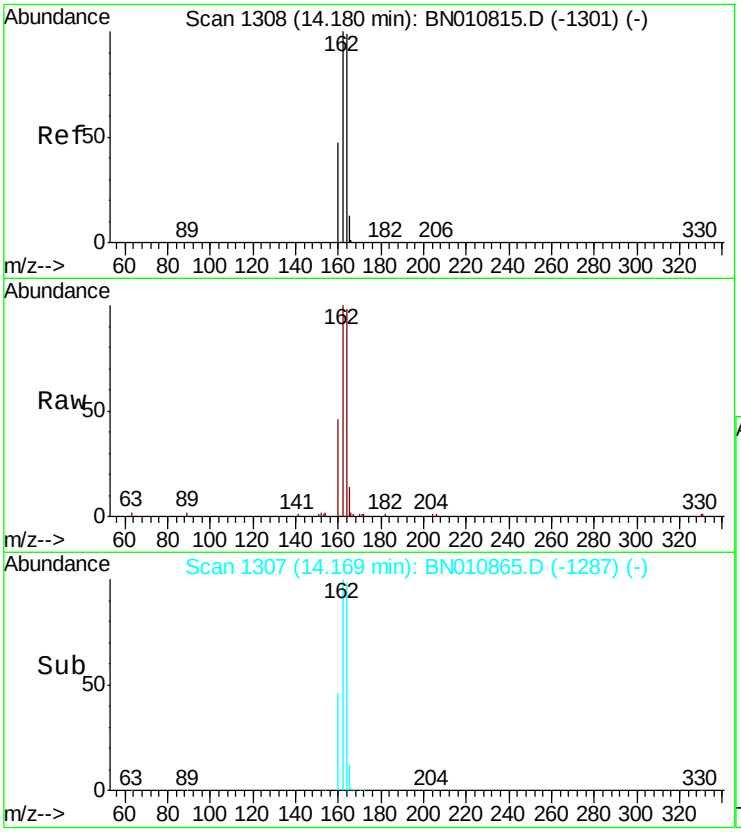


#12
2-Methylnaphthalene
Concen: 0.425 ng
RT: 11.97 min Scan# 1037
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:142 Resp: 7552

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	36.6	31.5	47.3



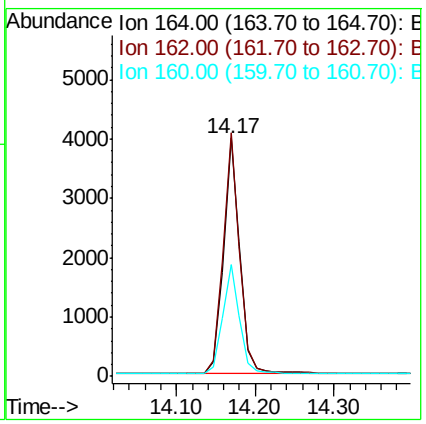


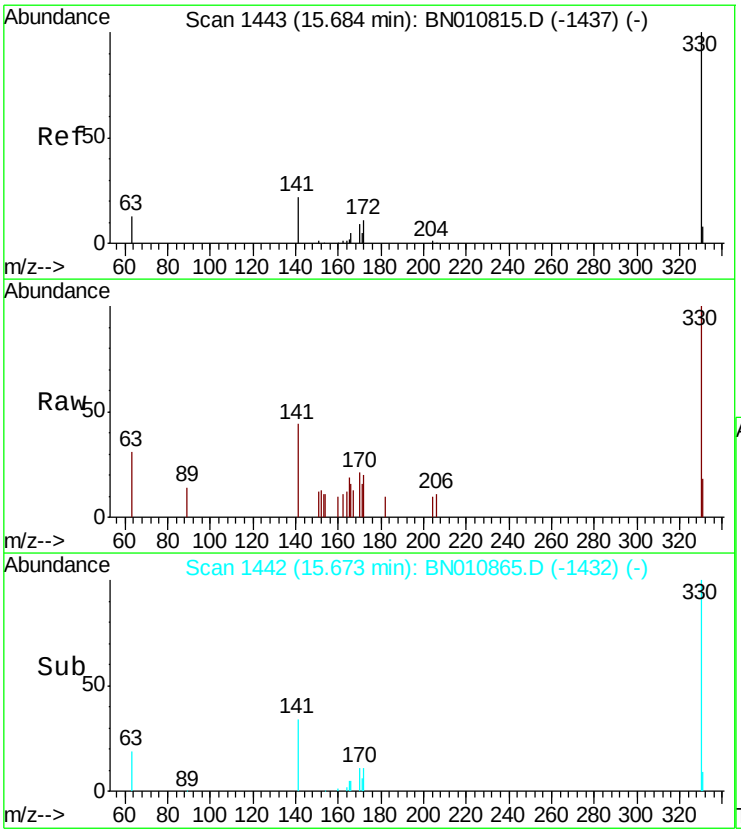
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5796

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.0	121.6
160	47.2	38.9	58.3

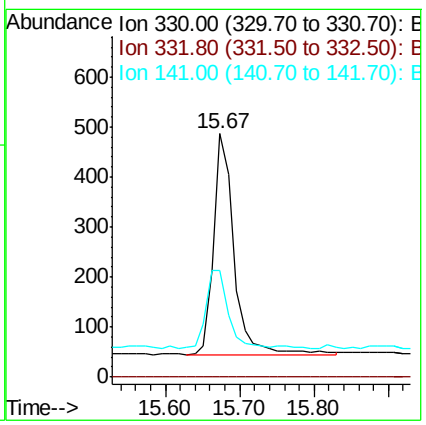


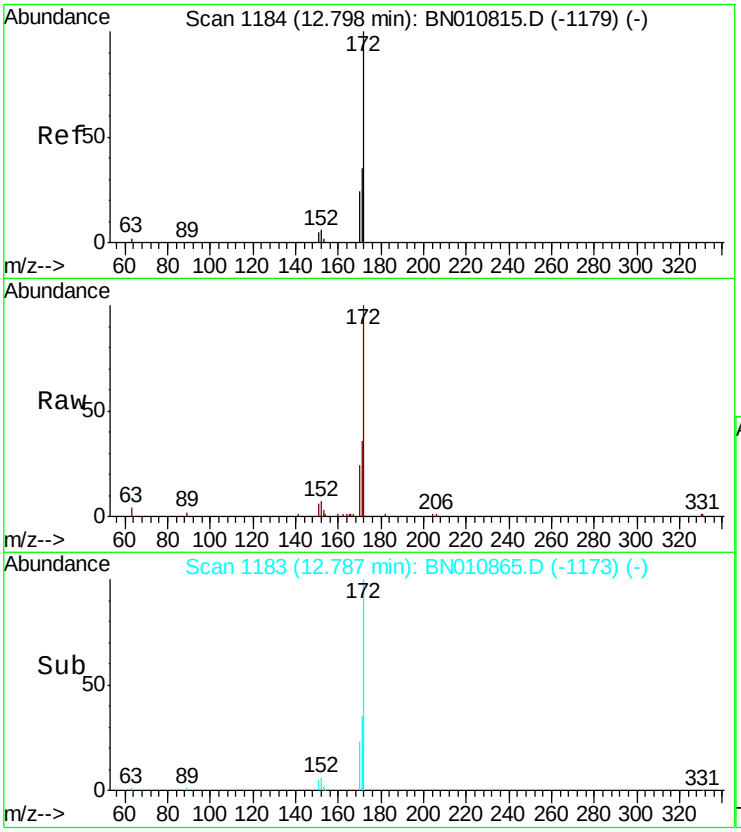


#14
2,4,6-Tribromophenol
Concen: 0.406 ng
RT: 15.67 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:330 Resp: 842

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.2	33.2	49.8



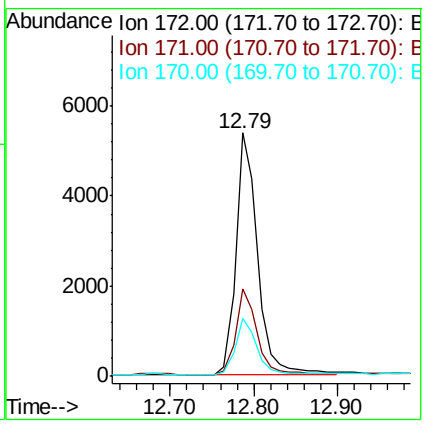


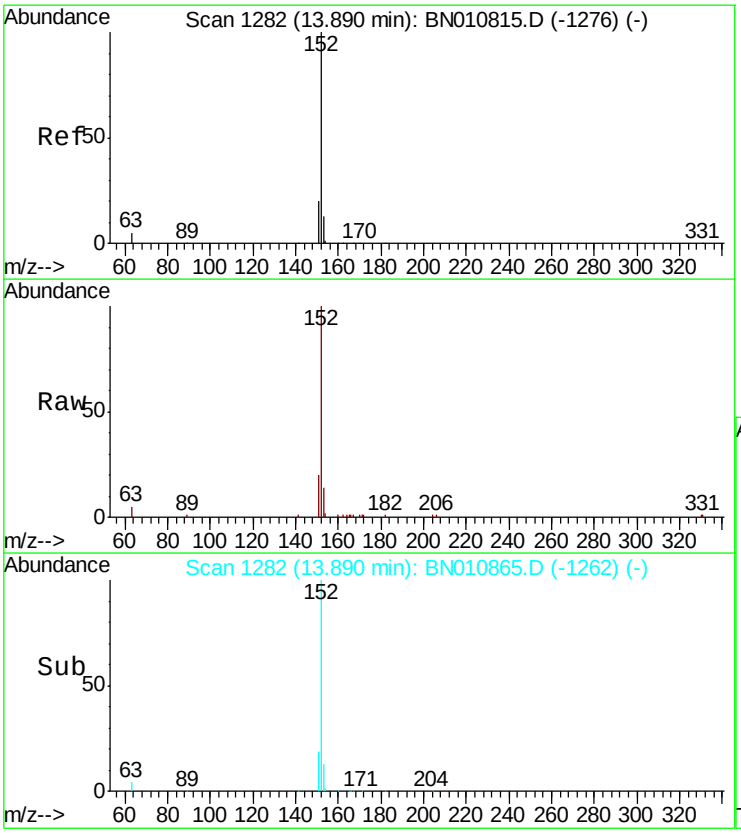
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9512

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.7	19.7	29.5

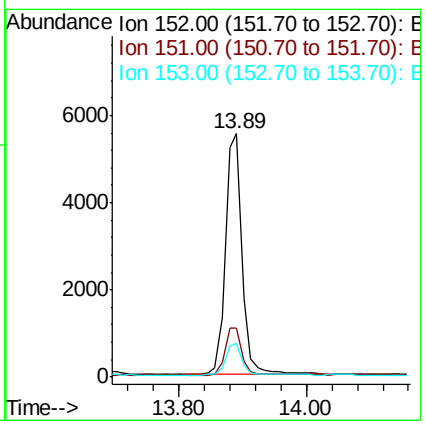


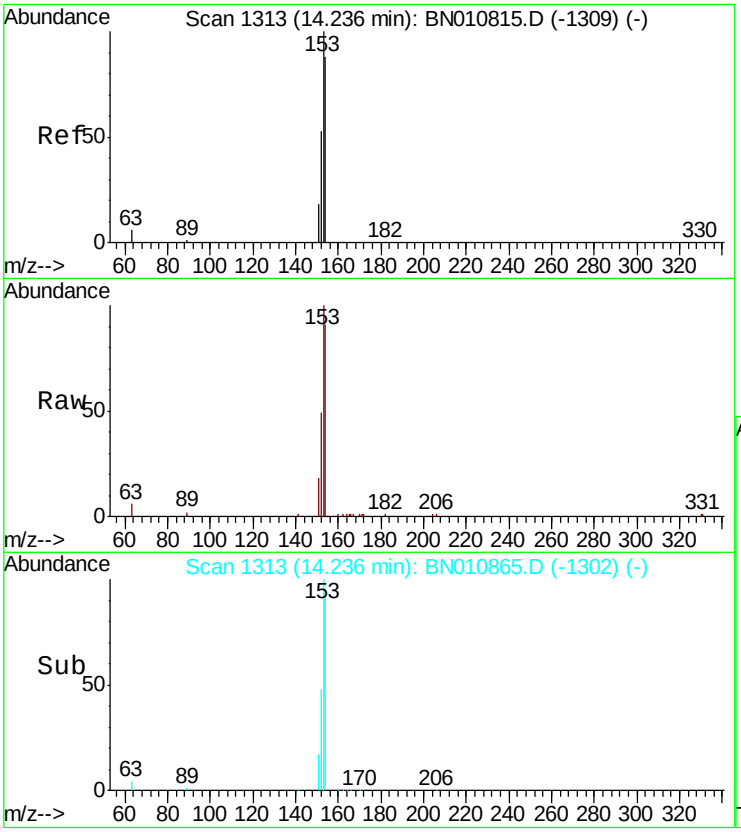


#16
Acenaphthylene
Concen: 0.422 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:152 Resp: 10014

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	12.9	10.6	16.0



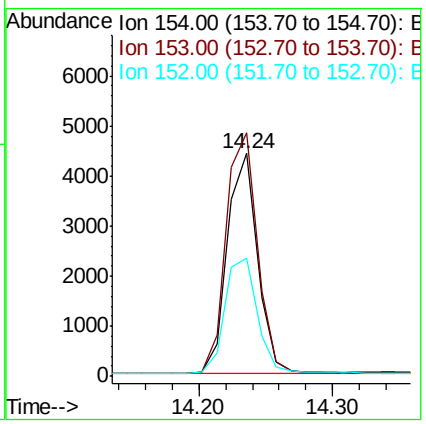


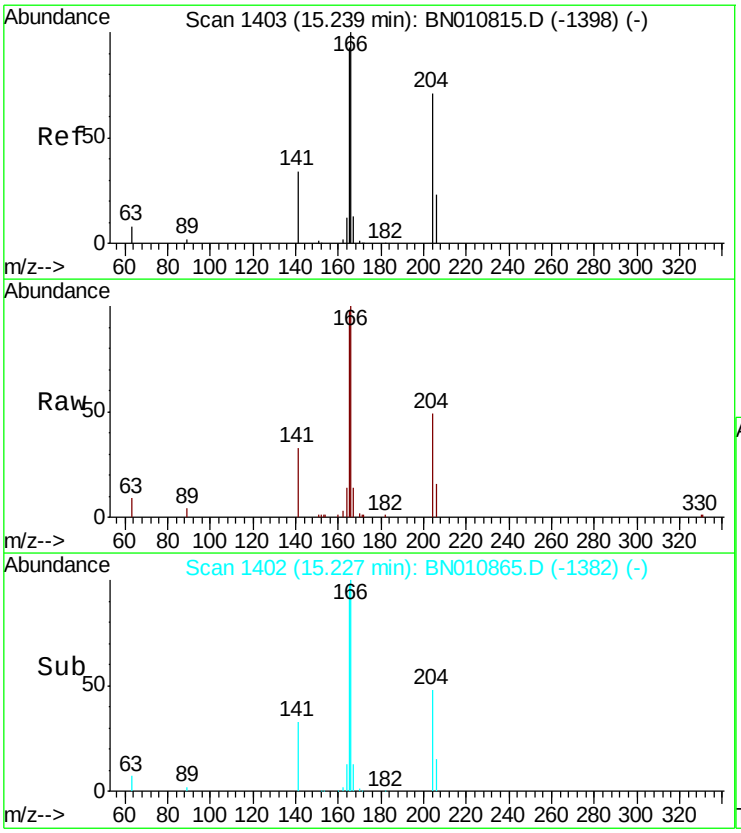
#17
Acenaphthene
Concen: 0.429 ng
RT: 14.24 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 6946

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.8	137.6
152	56.2	47.6	71.4

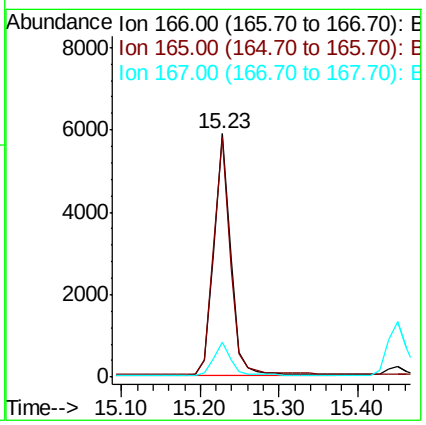


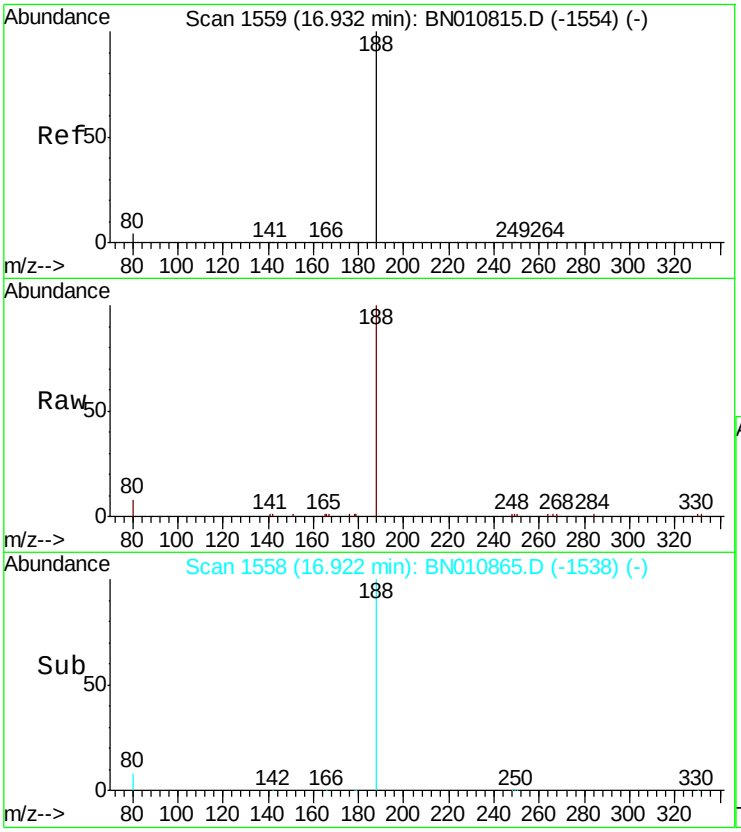


#18
Fluorene
Concen: 0.417 ng
RT: 15.23 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:166 Resp: 8701

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.2	115.8
167	13.6	10.7	16.1



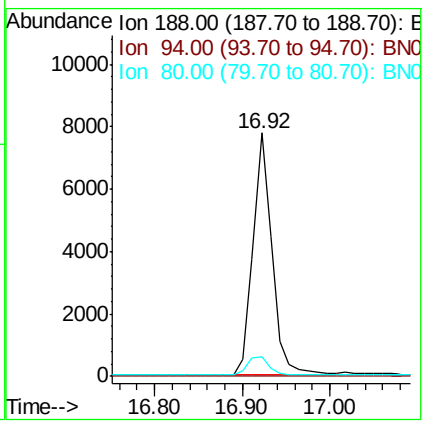


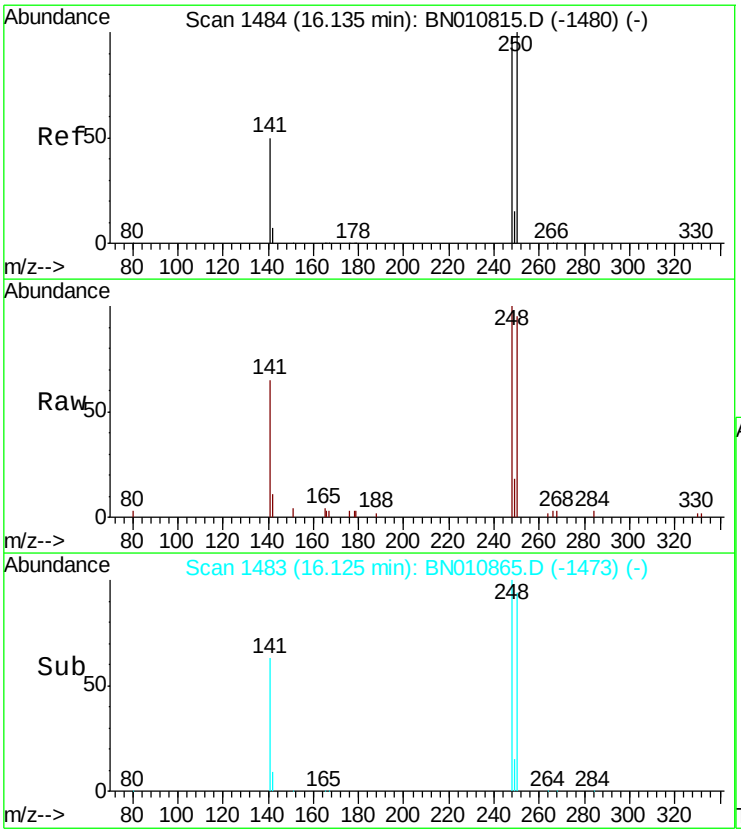
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 11698

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	4.5	6.7#

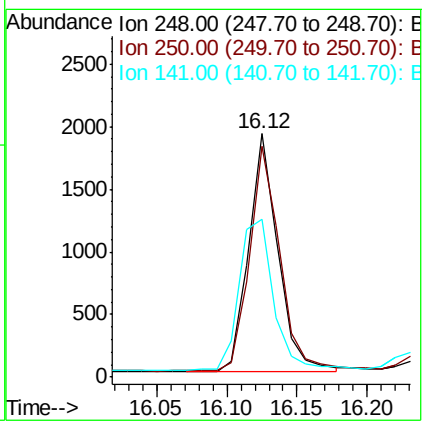


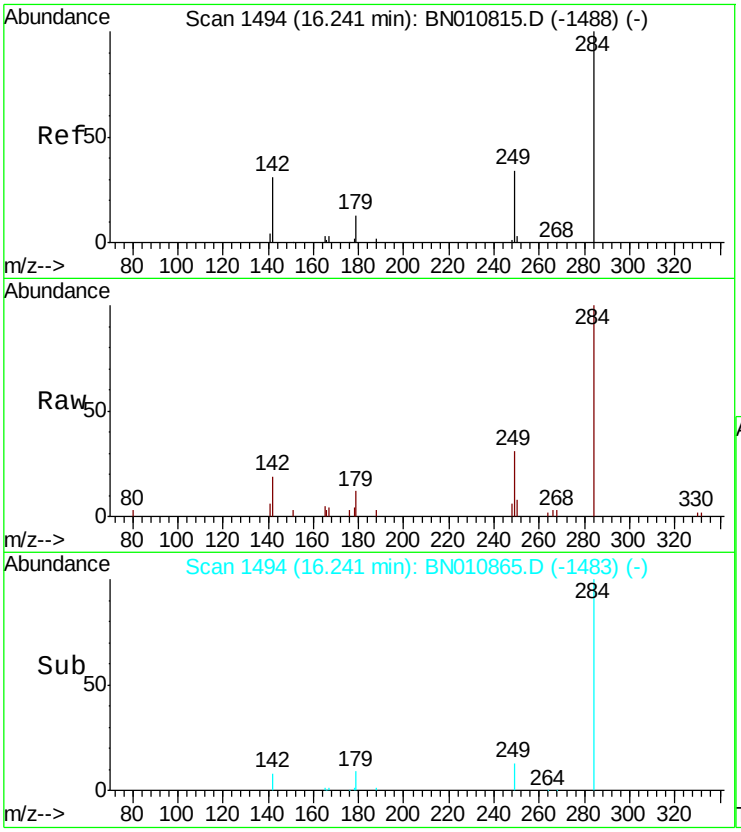


#20
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:248 Resp: 2781

Ion	Ratio	Lower	Upper
248	100		
250	94.7	81.8	122.8
141	65.0	42.6	64.0#



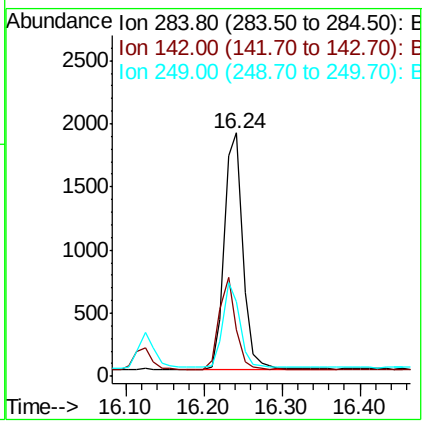


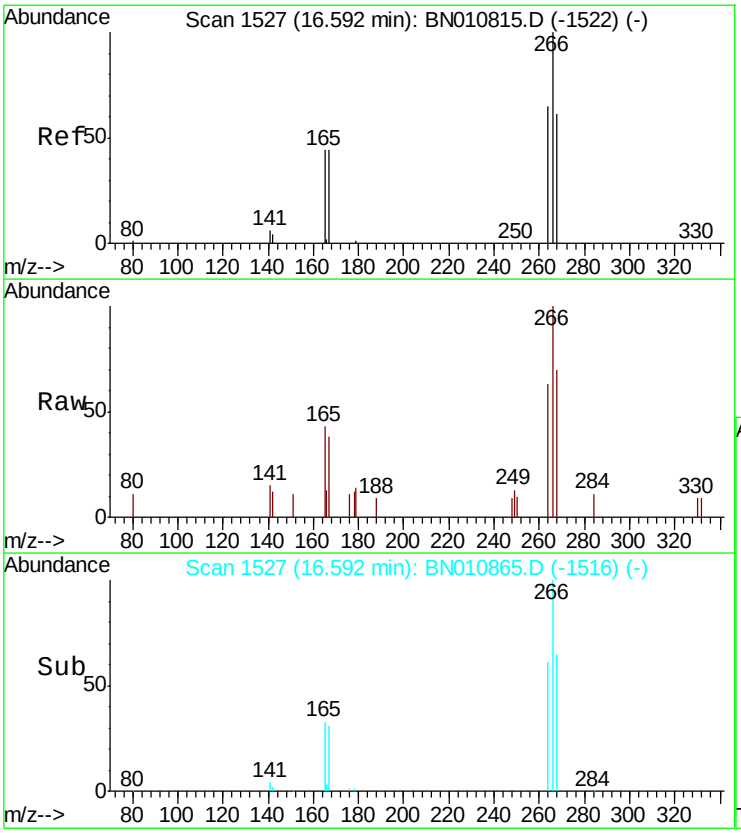
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3092

Ion	Ratio	Lower	Upper
284	100		
142	35.0	31.0	46.4
249	32.7	27.1	40.7

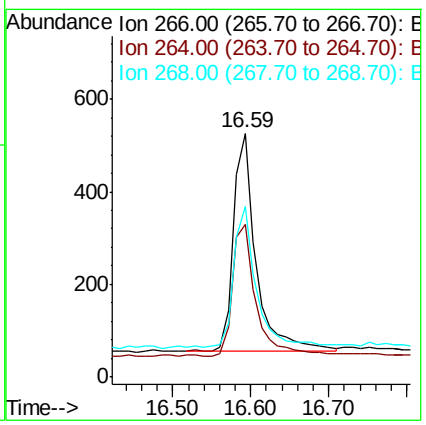


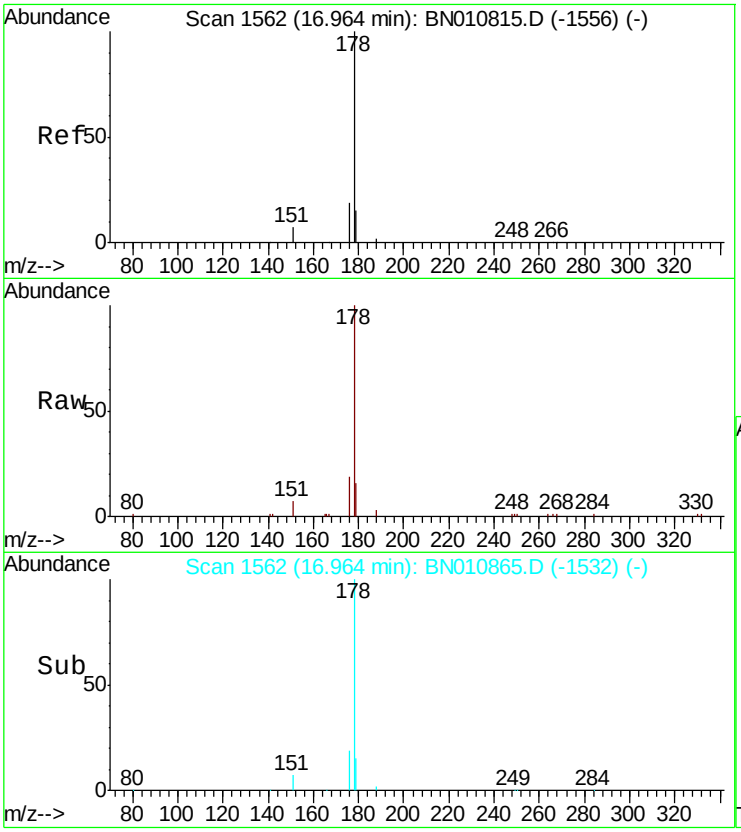


#22
Pentachlorophenol
Concen: 0.381 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:266 Resp: 939

Ion	Ratio	Lower	Upper
266	100		
264	62.9	54.8	82.2
268	70.2	55.9	83.9



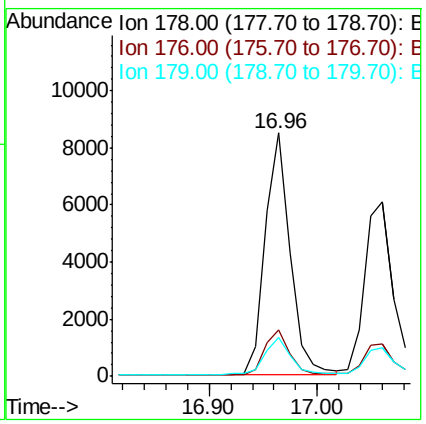


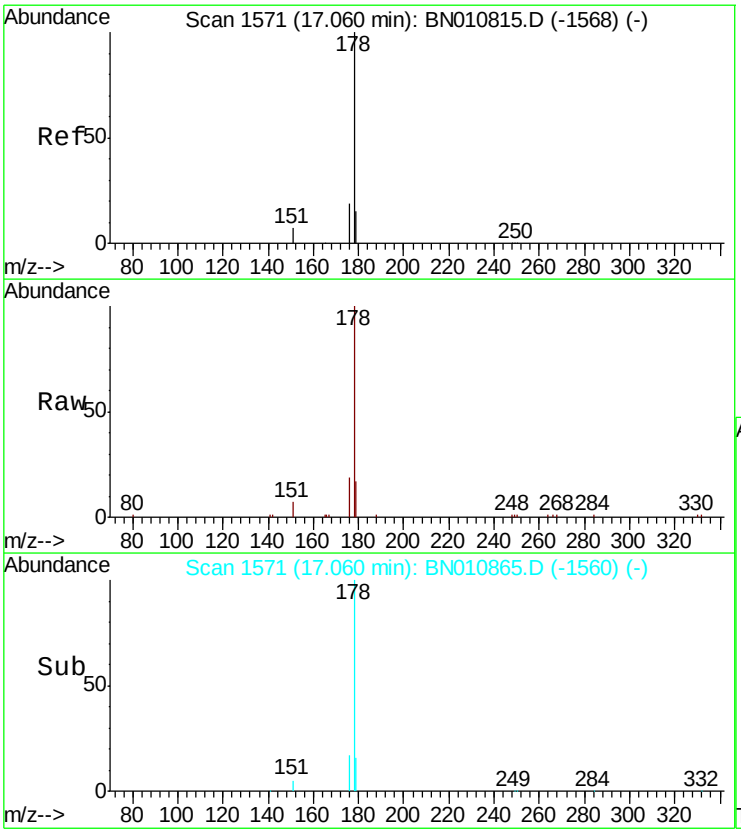
#23
Phenanthrene
Concen: 0.423 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 13519

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

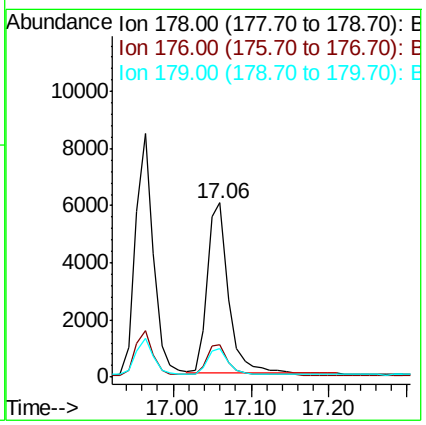


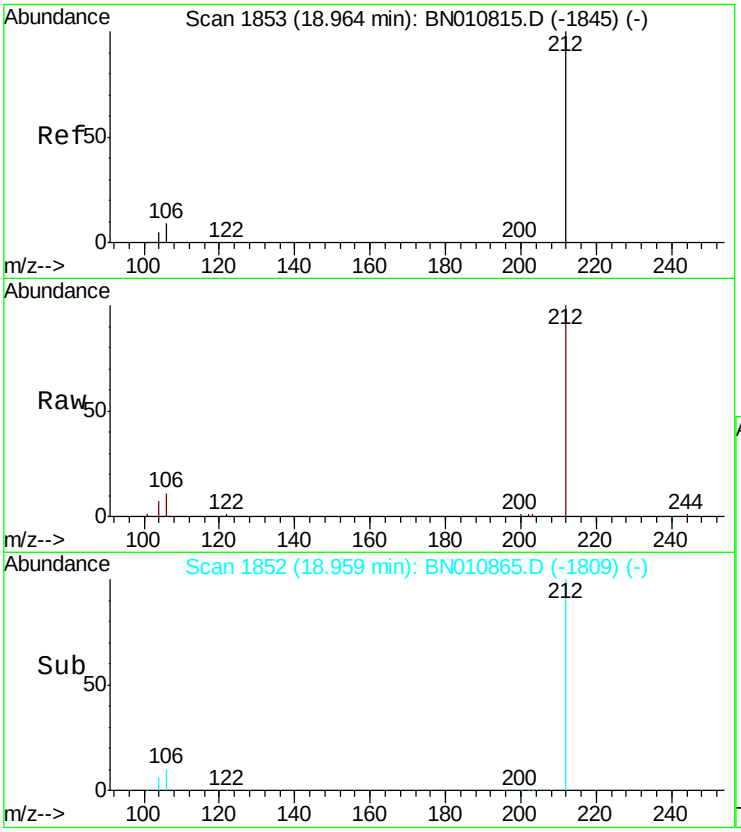


#24
Anthracene
Concen: 0.425 ng
RT: 17.06 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:178 Resp: 11334

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.2	12.3	18.5



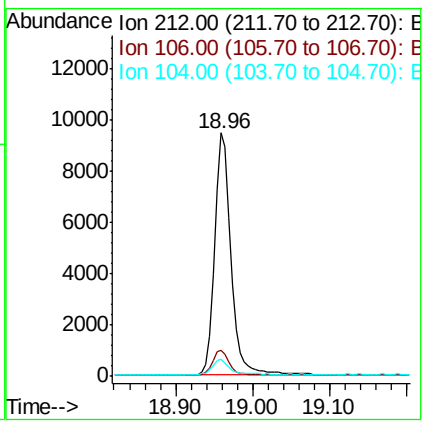


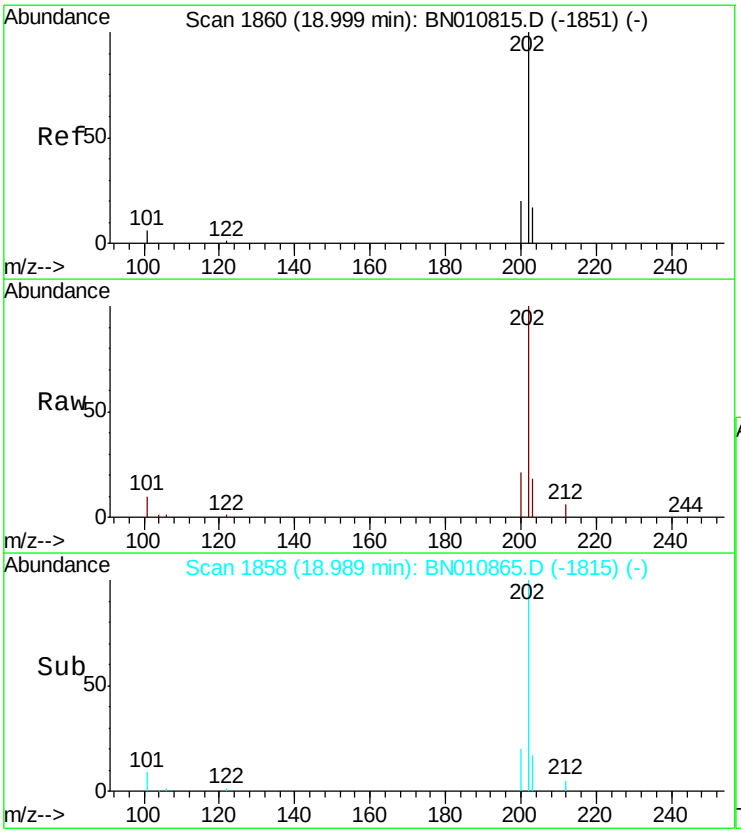
#25
Fluoranthene-d10
Concen: 0.432 ng
RT: 18.96 min Scan# 1852
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 13950

Ion	Ratio	Lower	Upper
212	100		
106	10.2	6.6	10.0#
104	6.0	4.0	6.0

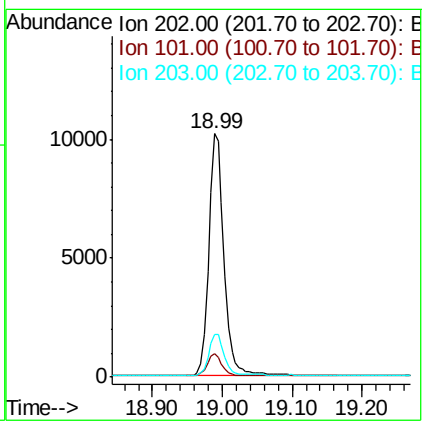


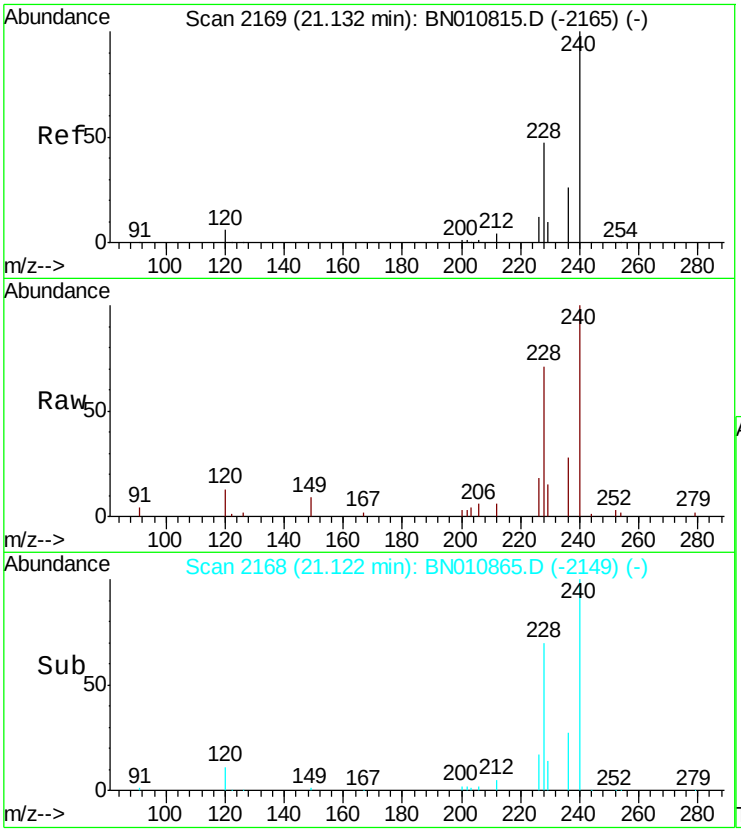


#26
Fluoranthene
Concen: 0.423 ng
RT: 18.99 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:202 Resp: 15355

Ion	Ratio	Lower	Upper
202	100		
101	9.0	5.8	8.6#
203	17.2	13.7	20.5



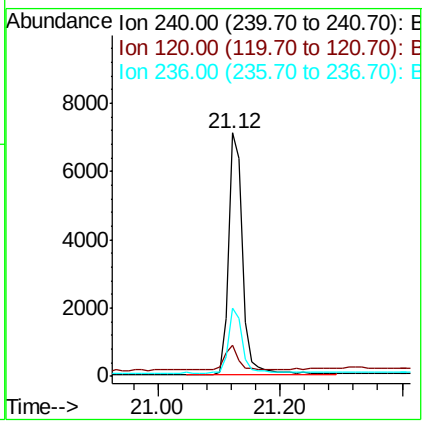


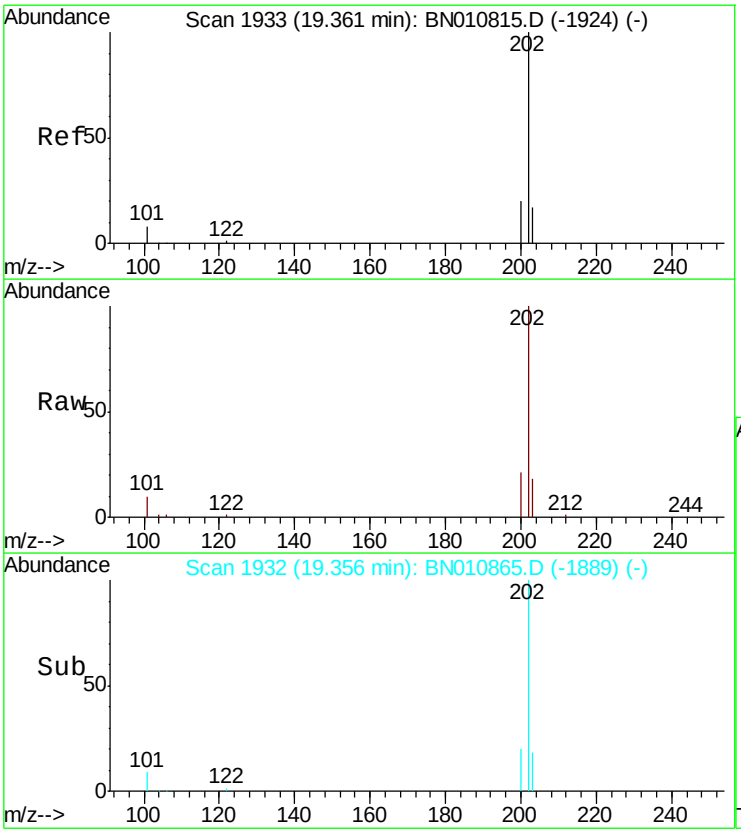
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 11396

Ion	Ratio	Lower	Upper
240	100		
120	12.9	7.5	11.3#
236	28.2	22.3	33.5

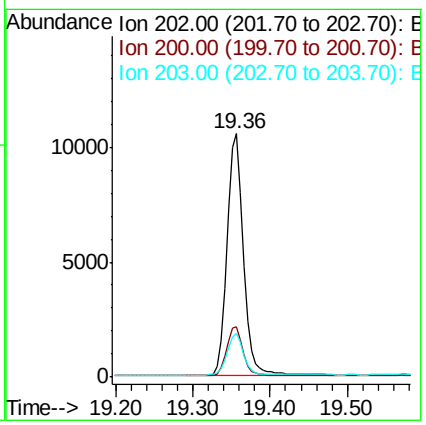


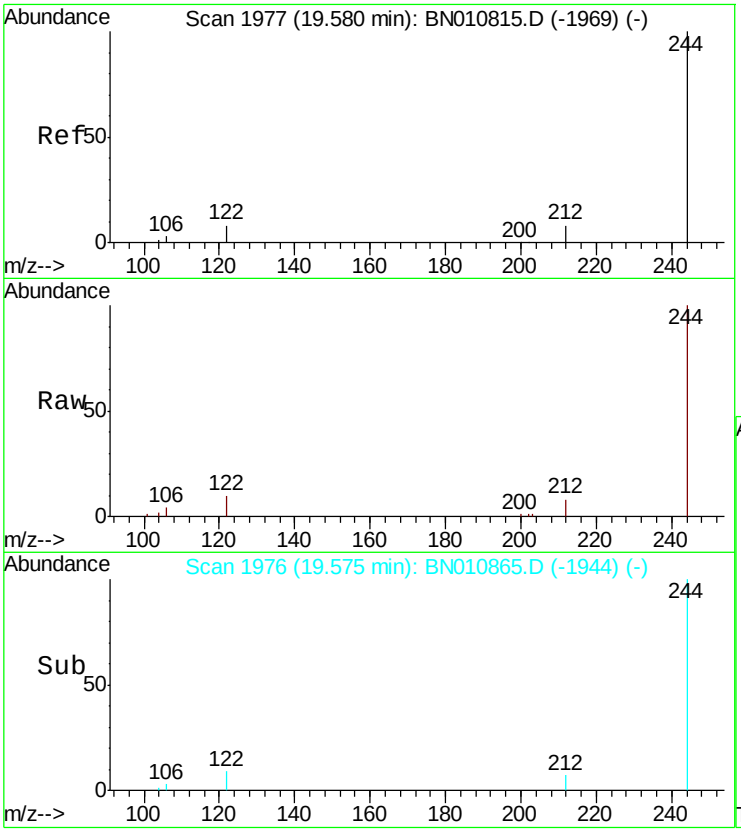


#28
Pyrene
Concen: 0.411 ng
RT: 19.36 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:202 Resp: 15487

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.4	14.2	21.4



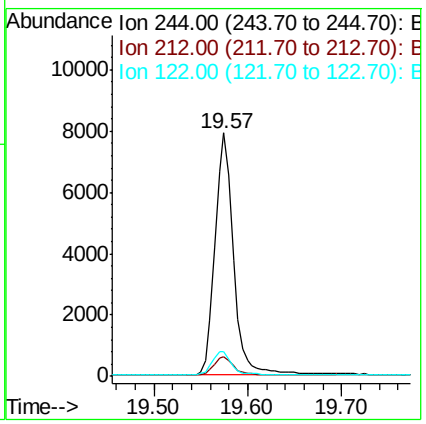


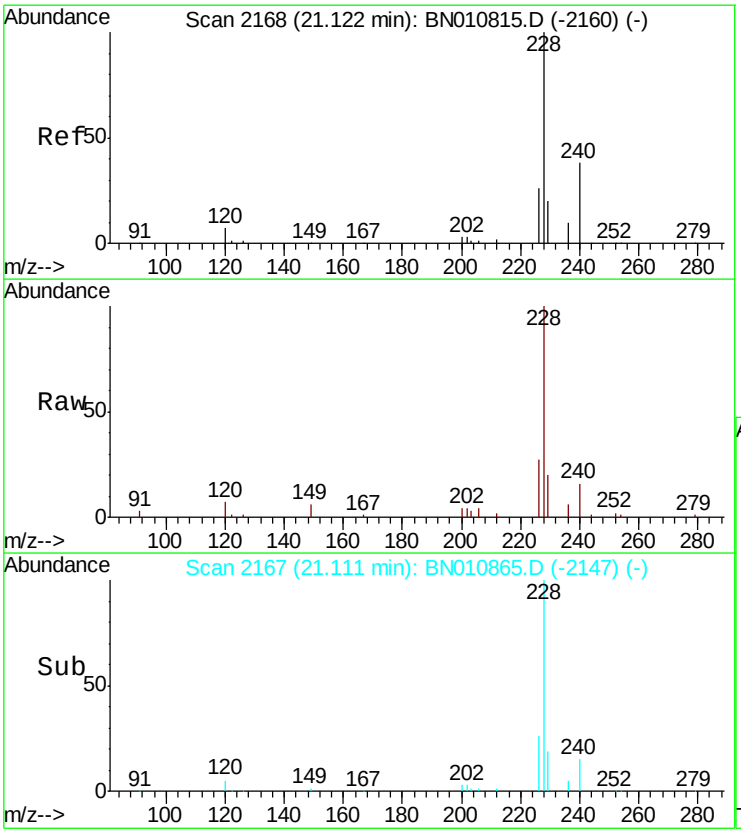
#29
Terphenyl-d14
Concen: 0.406 ng
RT: 19.57 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 10827

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.2
122	10.1	7.5	11.3

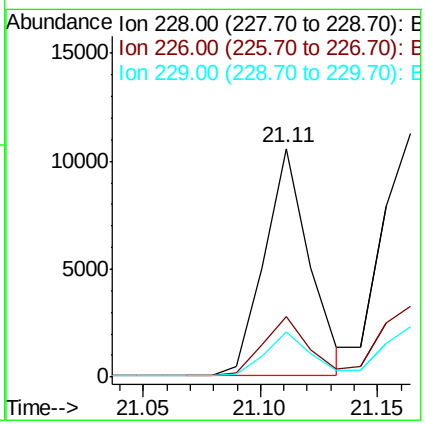


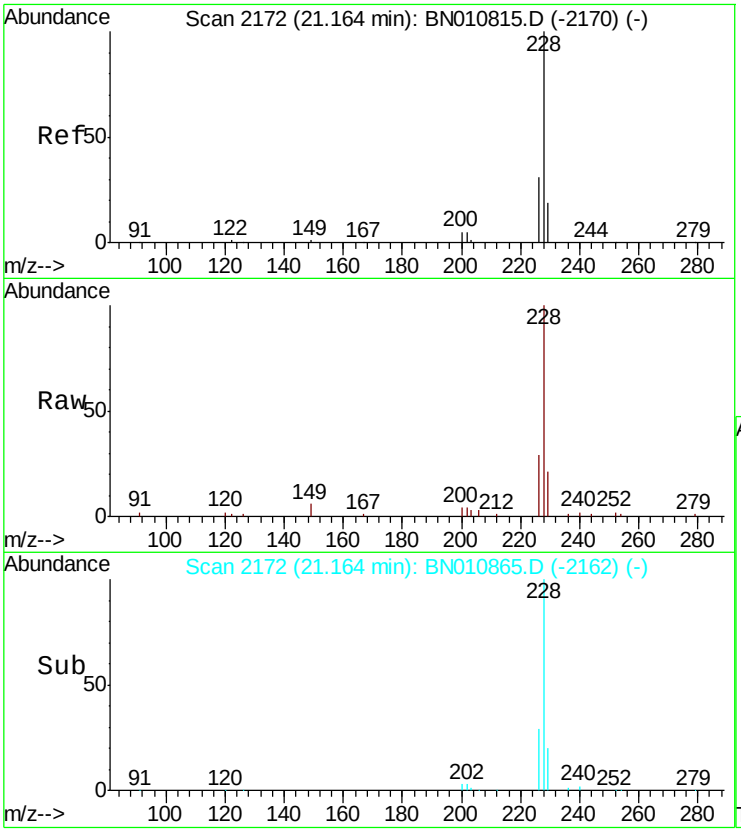


#30
Benzo(a)anthracene
Concen: 0.423 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:228 Resp: 14153

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.7	16.6	24.8



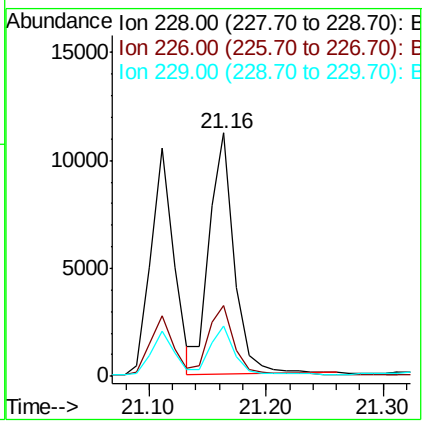


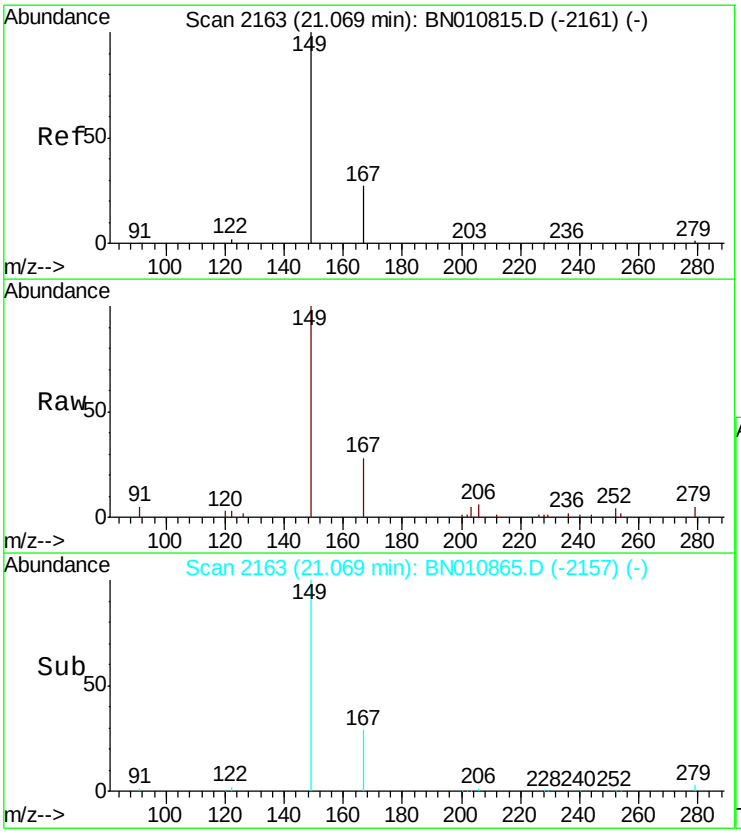
#31
Chrysene
Concen: 0.424 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 16560

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	20.8	16.1	24.1

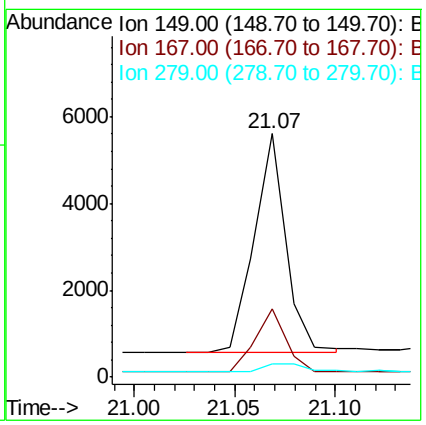


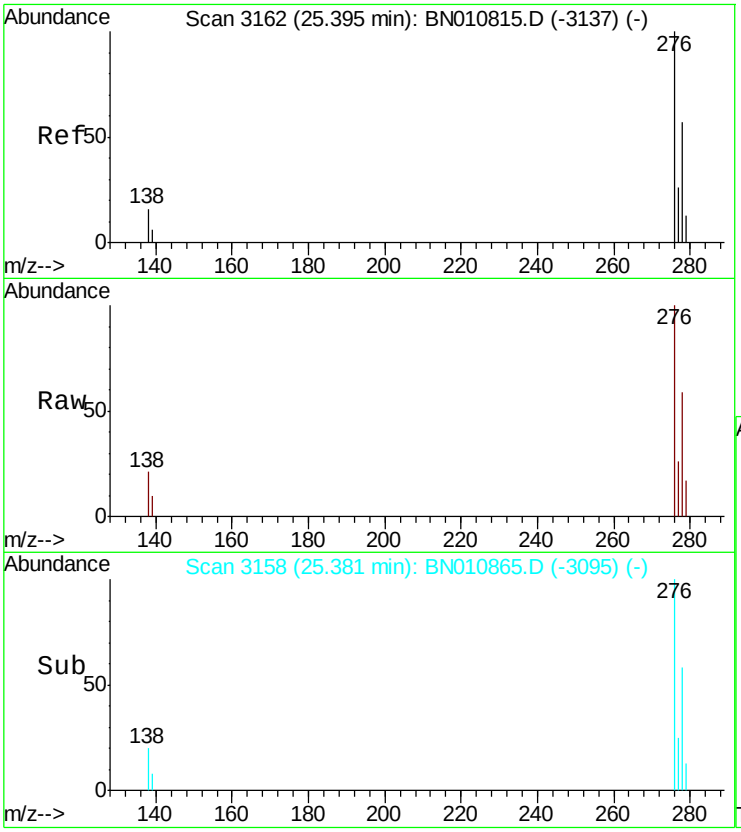


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.495 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:149 Resp: 5523

Ion	Ratio	Lower	Upper
149	100		
167	28.1	24.1	36.1
279	4.4	4.6	7.0#



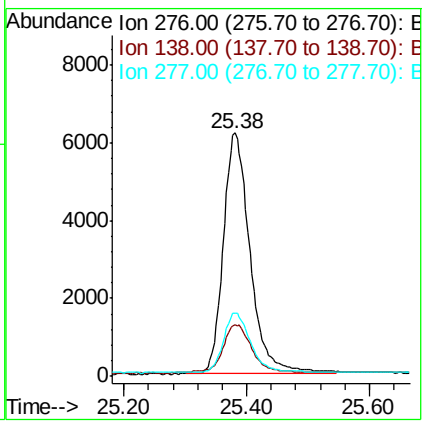


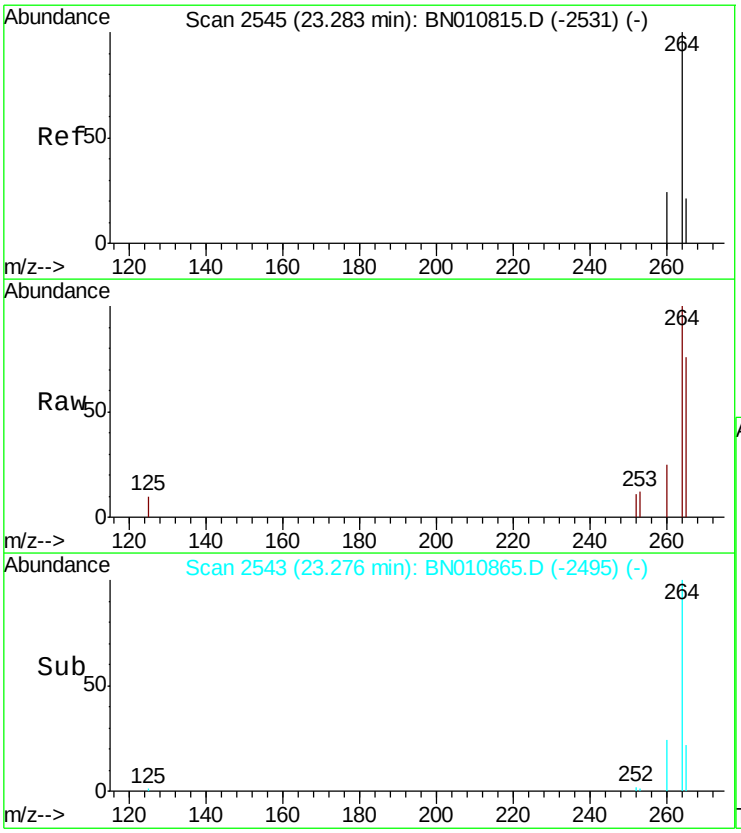
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng
RT: 25.38 min Scan# 3158
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 18845

Ion	Ratio	Lower	Upper
276	100		
138	21.5	13.0	19.6#
277	25.0	19.7	29.5

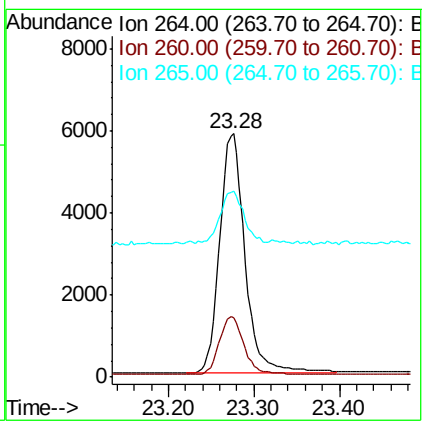


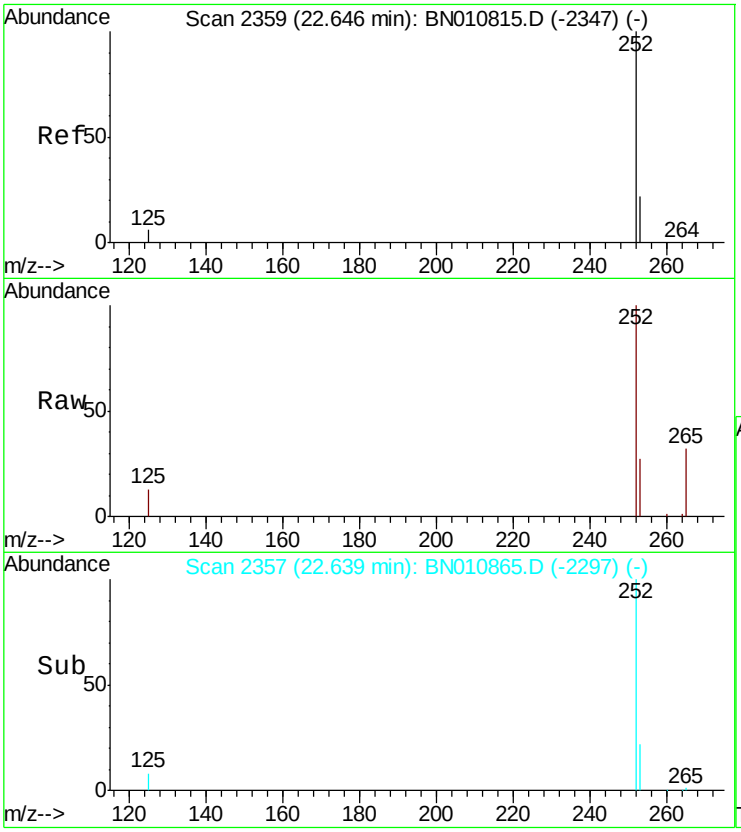


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:264 Resp: 11978

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	76.3	75.0	112.4



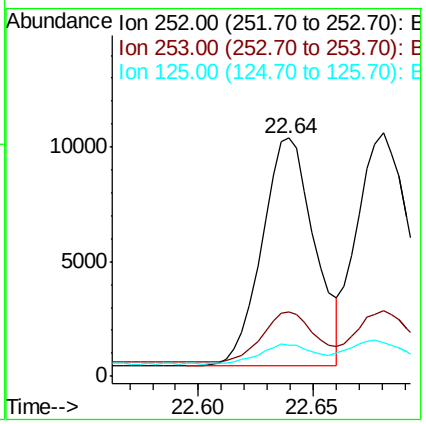


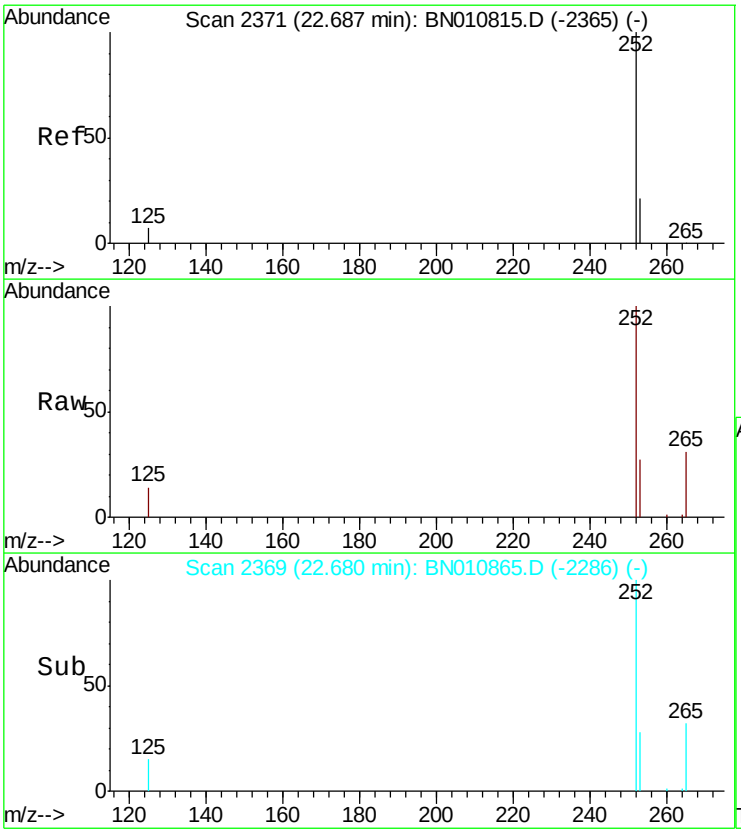
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.64 min Scan# 2357
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15892

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.4	33.6
125	13.2	9.4	14.0

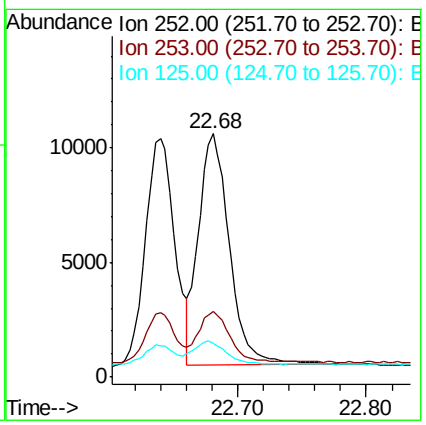


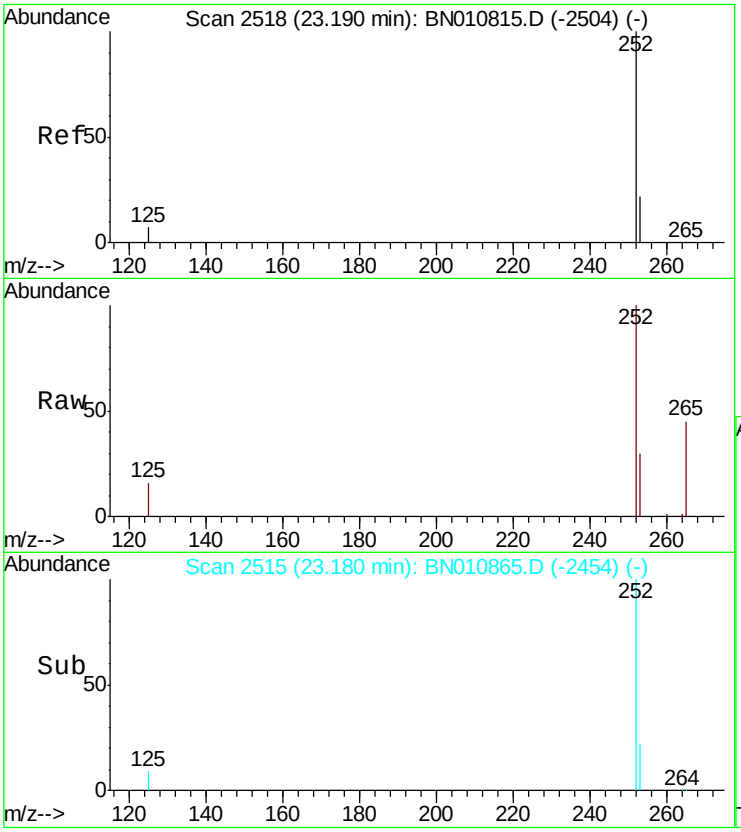


#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.68 min Scan# 2369
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:252 Resp: 16923

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.2	33.4
125	14.1	9.8	14.8



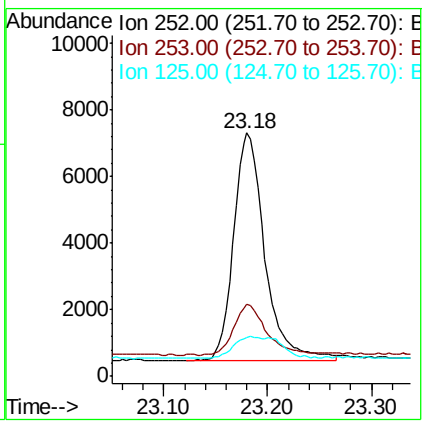


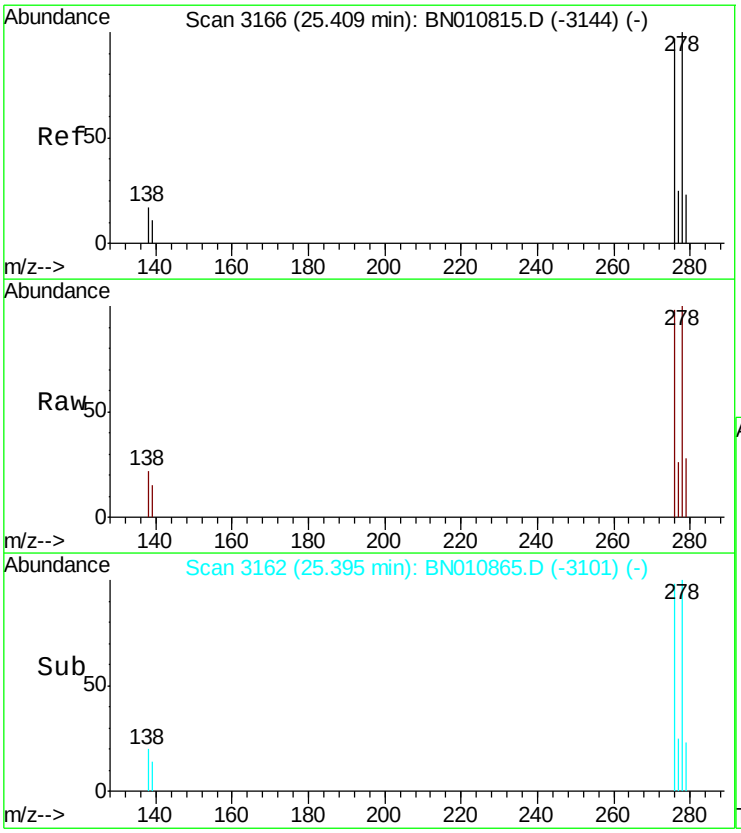
#37
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.18 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 14367

Ion	Ratio	Lower	Upper
252	100		
253	29.5	25.8	38.8
125	16.1	12.4	18.6

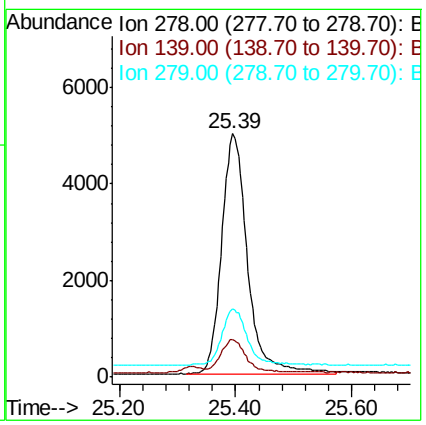


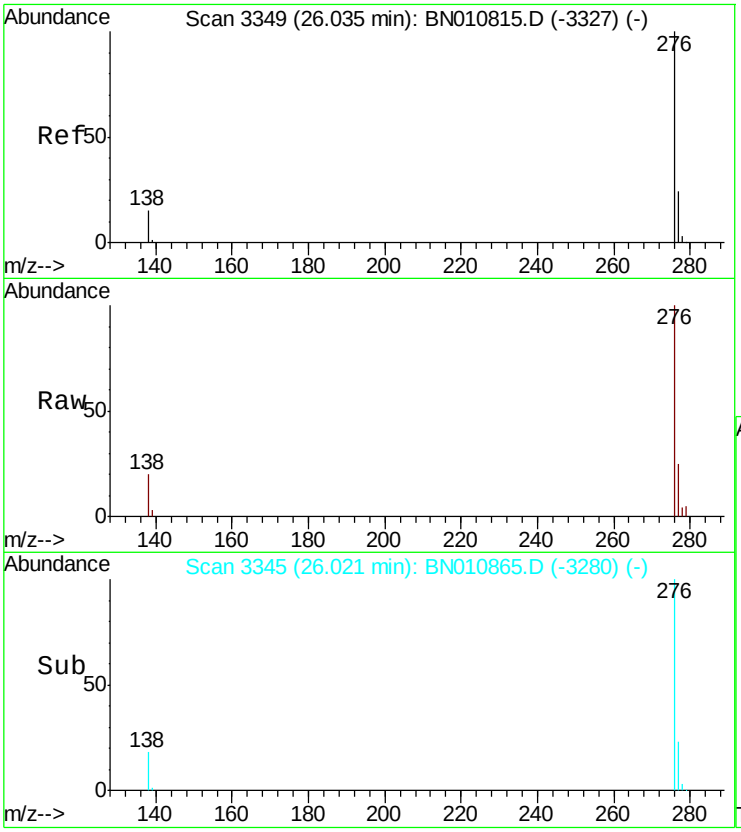


#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 25.39 min Scan# 3162
Delta R.T. 0.01 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Tgt Ion:278 Resp: 15327

Ion	Ratio	Lower	Upper
278	100		
139	15.5	10.6	15.8
279	27.8	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 26.02 min Scan# 3345
Delta R.T. 0.02 min
Lab File: BN010865.D
Acq: 13 Jun 2020 05:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 15717

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.5	30.7
138	19.8	13.7	20.5