Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010849.D
Acq On : 12 Jun 2020 18:20
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 23 19:58:55 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	7.56	152	2652	0.40	ng		0.02
7) Naphthalene-d8	10.30	136	9341	0.40	ng		0.03
13) Acenaphthene-d10	14.18	164	5142	0.40	ng		0.03
19) Phenanthrene-d10	16.93	188	10424	0.40	ng		0.02
27) Chrysene-d12	21.13	240	9940	0.40	ng		0.01
34) Perylene-d12	23.28	264	10642	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2562	0.50	ng		0.02
5) Phenol-d6	6.75	99	2961	0.49	ng		0.02
8) Nitrobenzene-d5	8.69	82	2855	0.41	ng		0.03
11) 2-Methylnaphthalene-d10	11.90	152	6138	0.42	ng		0.03
14) 2,4,6-Tribromophenol	15.68	330	740	0.40	ng		0.02
15) 2-Fluorobiphenyl	12.79	172	8355	0.41	ng		0.02
25) Fluoranthene-d10	18.97	212	11945	0.42	ng		0.02
29) Terphenyl-d14	19.58	244	9413	0.40	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1120	0.431	ng		98
3) n-Nitrosodimethylamine	3.55	42	595	0.394	ng	#	97
6) bis(2-Chloroethyl)ether	7.00	93	2784	0.473	ng		94
9) Naphthalene	10.35	128	10103	0.430	ng		99
10) Hexachlorobutadiene	10.65	225	2339	0.403	ng	#	99
12) 2-Methylnaphthalene	11.97	142	6635	0.422	ng		99
16) Acenaphthylene	13.89	152	8839	0.420	ng		100
17) Acenaphthene	14.23	154	5938	0.413	ng		99
18) Fluorene	15.23	166	7526	0.406	ng		98
20) 4-Bromophenyl-phenylether	16.13	248	2407	0.384	ng		98
21) Hexachlorobenzene	16.24	284	2711	0.415	ng		96
22) Pentachlorophenol	16.59	266	839	0.382	ng		98
23) Phenanthrene	16.97	178	11693	0.411	ng		99
24) Anthracene	17.06	178	9754	0.410	ng		99
26) Fluoranthene	19.00	202	13343	0.413	ng		99
28) Pyrene	19.36	202	13404	0.408	ng		100
30) Benzo(a)anthracene	21.11	228	12596	0.431	ng		98
31) Chrysene	21.17	228	13586	0.399	ng		98
32) Bis(2-ethylhexyl)phthalate	21.07	149	5189	0.533	ng		98
33) Indeno(1,2,3-cd)pyrene	25.39	276	16963	0.446	ng	#	95
35) Benzo(b)fluoranthene	22.64	252	14271	0.394	ng		98
36) Benzo(k)fluoranthene	22.69	252	14855	0.385	ng		99
37) Benzo(a)pyrene	23.19	252	12835	0.414	ng		97
38) Dibenzo(a,h)anthracene	25.41	278	13481	0.381	ng		98
39) Benzo(g,h,i)perylene	26.03	276	14194	0.384	ng		98

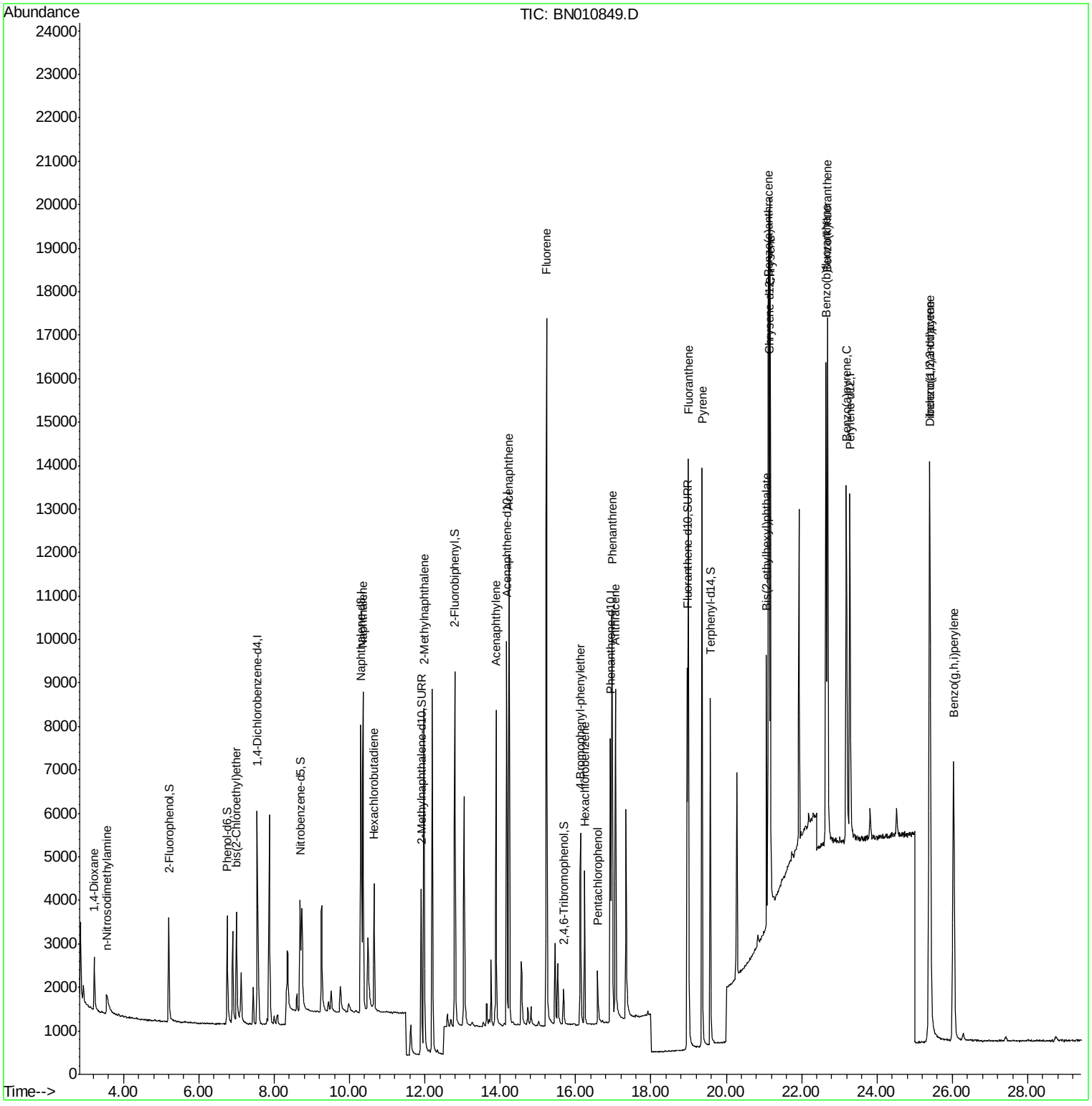
(#) = qualifier out of range (m) = manual integration (+) = signals summed

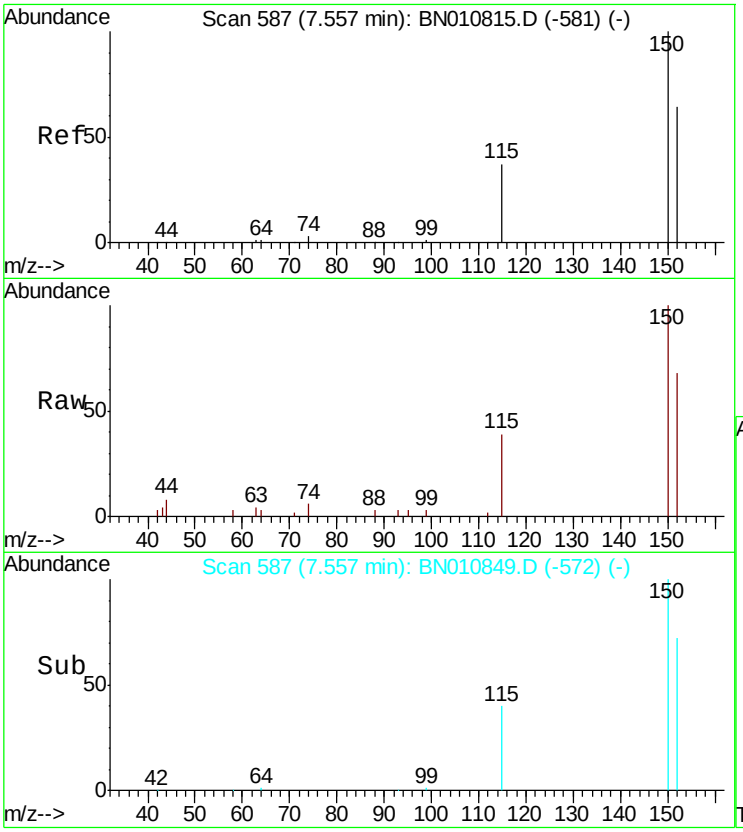
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010849.D
Acq On : 12 Jun 2020 18:20
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 23 19:58:55 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



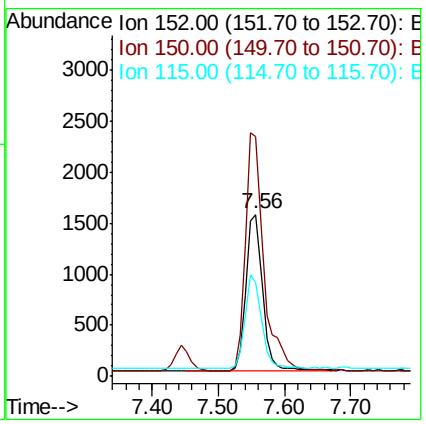


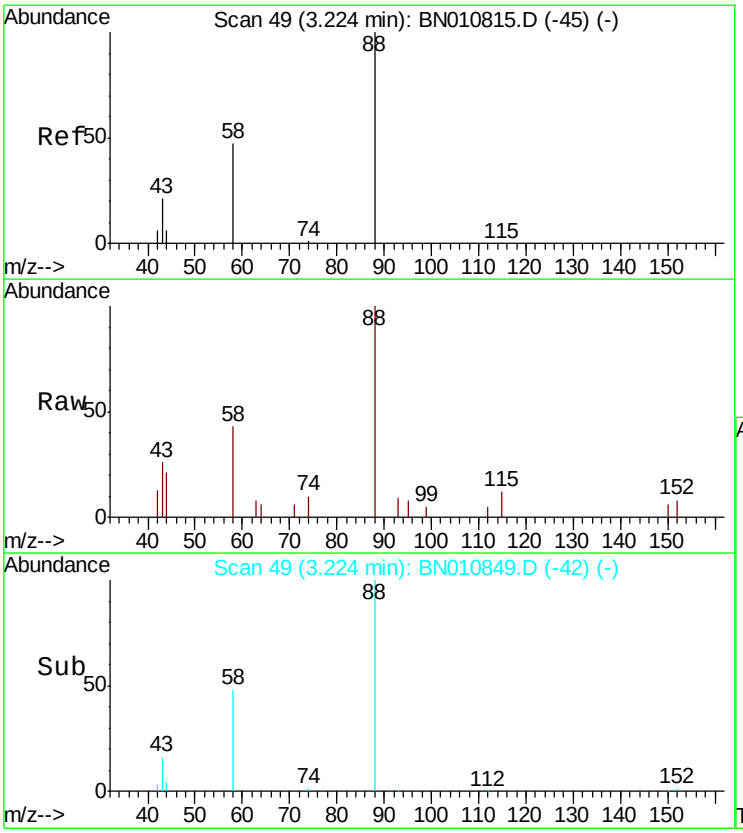
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2652

Ion	Ratio	Lower	Upper
152	100		
150	148.0	123.8	185.6
115	58.3	49.2	73.8

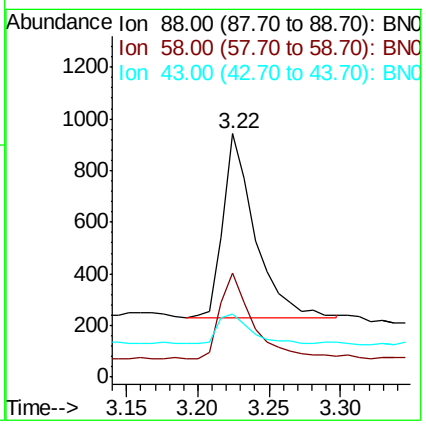


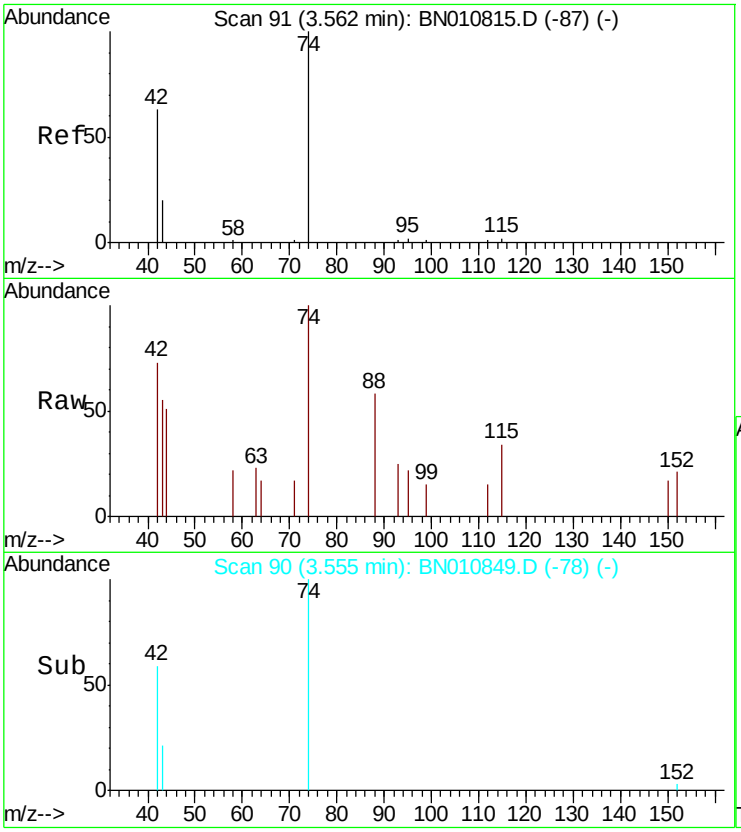


#2
1,4-Dioxane
Concen: 0.431 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion: 88 Resp: 1120

Ion	Ratio	Lower	Upper
88	100		
58	47.5	38.2	57.4
43	16.7	15.1	22.7



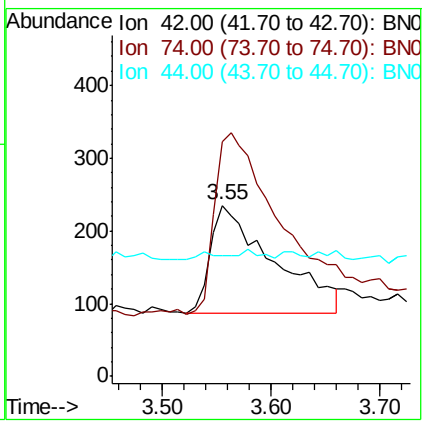


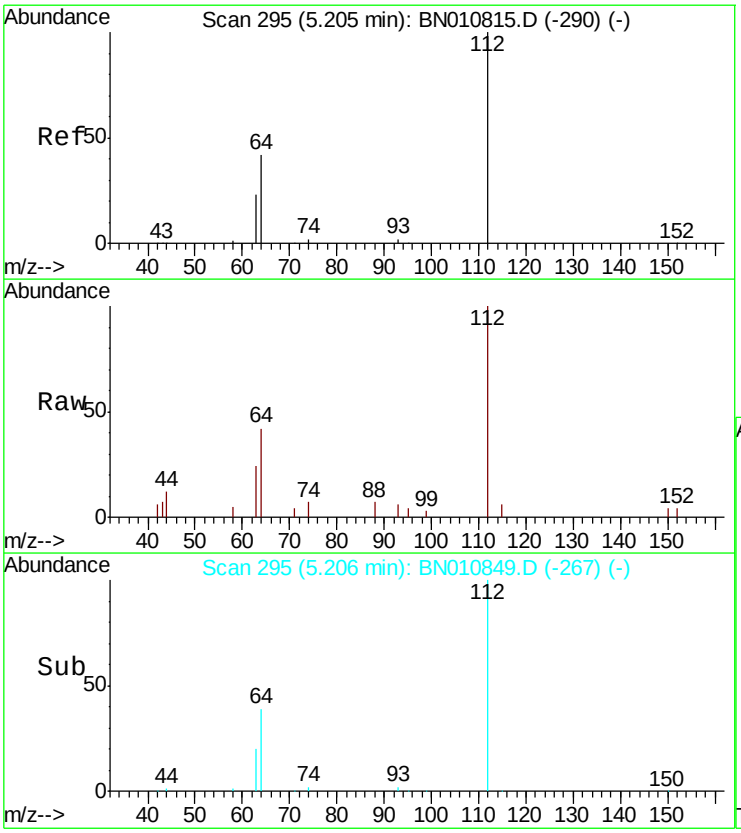
#3
n-Nitrosodimethylamine
Concen: 0.394 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.00 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 595

Ion	Ratio	Lower	Upper
42	100		
74	180.5	140.7	211.1
44	0.0	1.4	2.2#

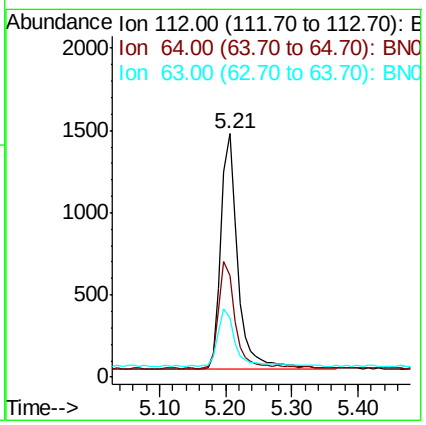


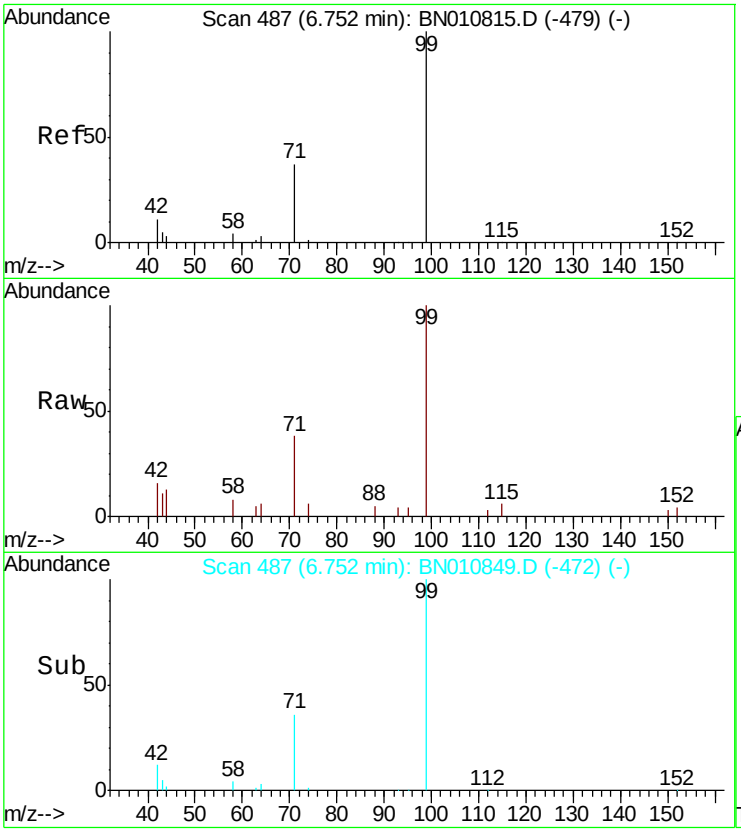


#4
2-Fluorophenol
Concen: 0.500 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:112 Resp: 2562

Ion	Ratio	Lower	Upper
112	100		
64	44.9	37.4	56.0
63	25.7	22.2	33.4



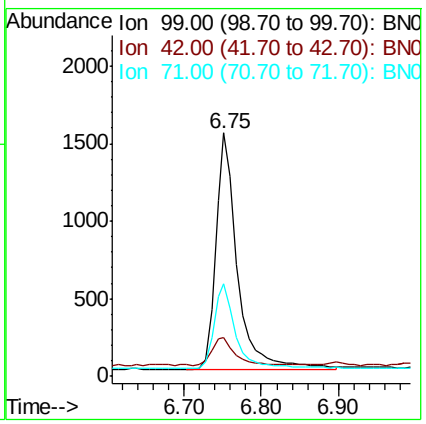


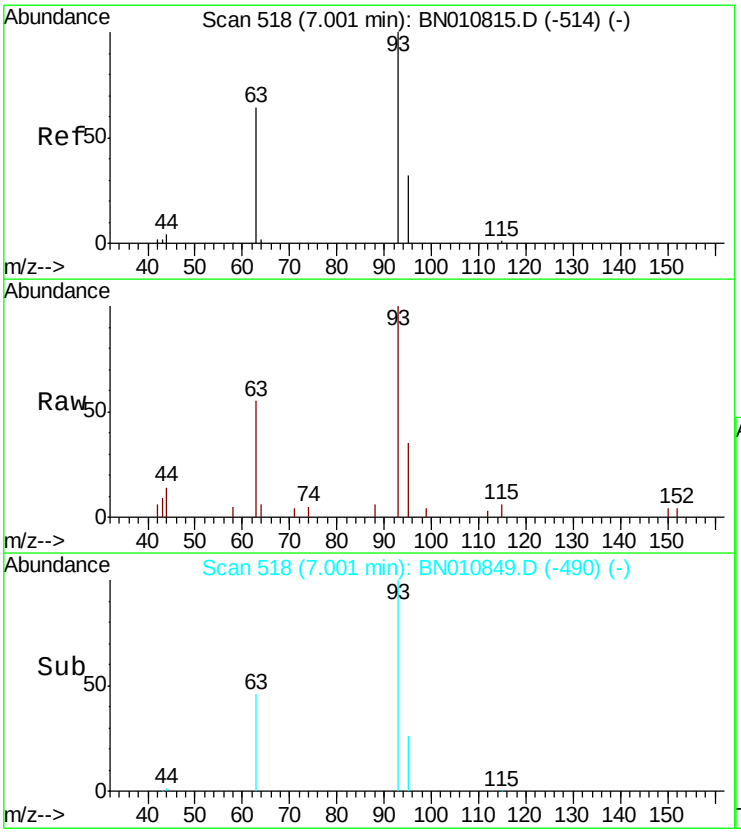
#5
Phenol-d6
Concen: 0.491 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2961

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.1	16.7
71	36.2	31.4	47.2

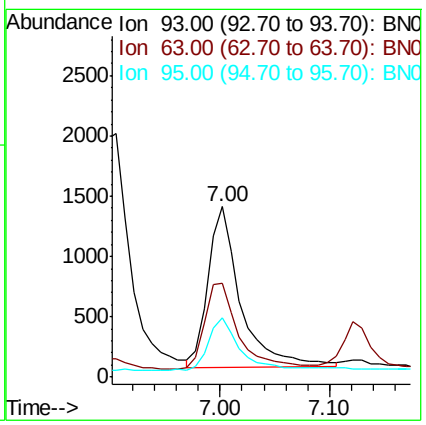


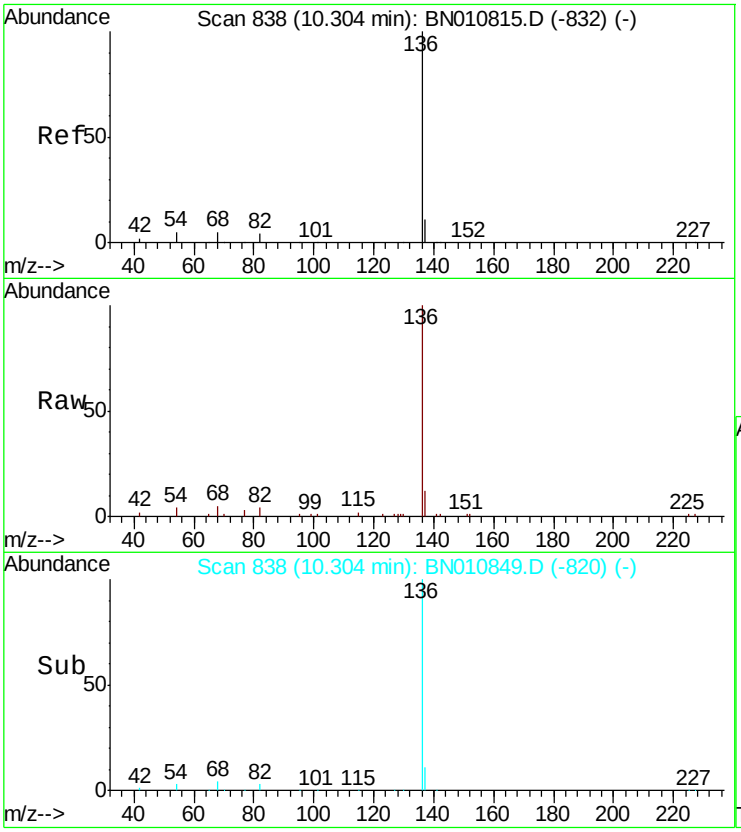


#6
bis(2-Chloroethyl)ether
Concen: 0.473 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion: 93 Resp: 2784

Ion	Ratio	Lower	Upper
93	100		
63	56.0	49.4	74.2
95	31.1	26.7	40.1



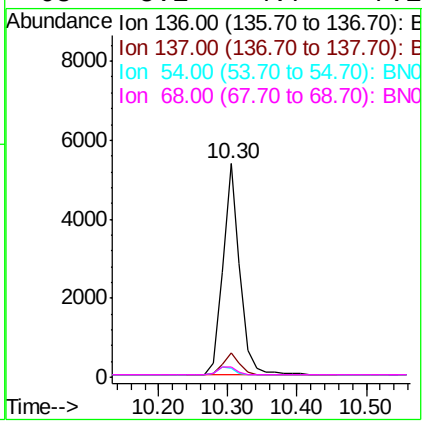


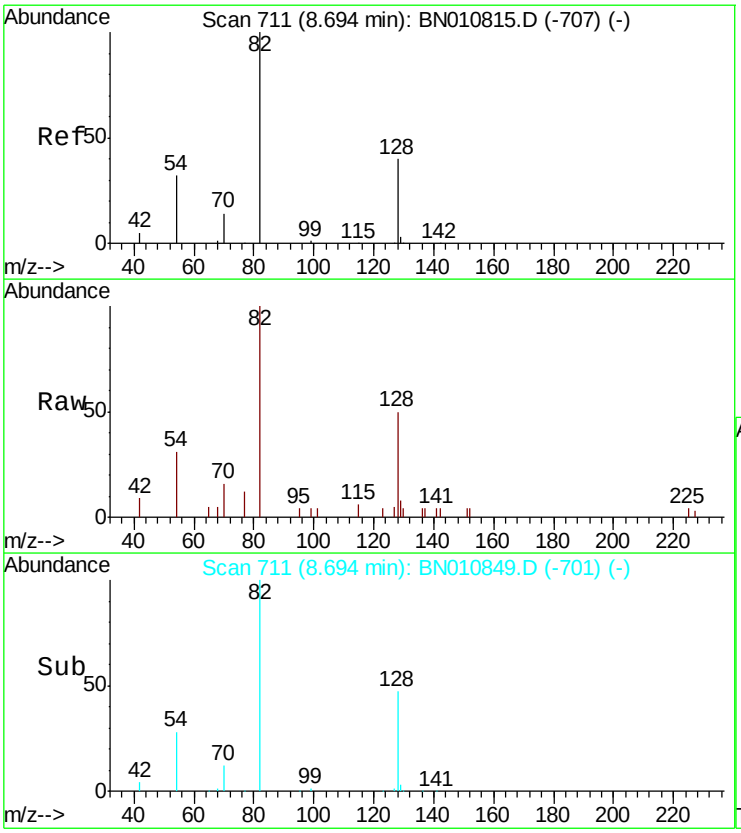
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.03 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 9341

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	4.4	4.9	7.3#
68	5.1	4.7	7.1

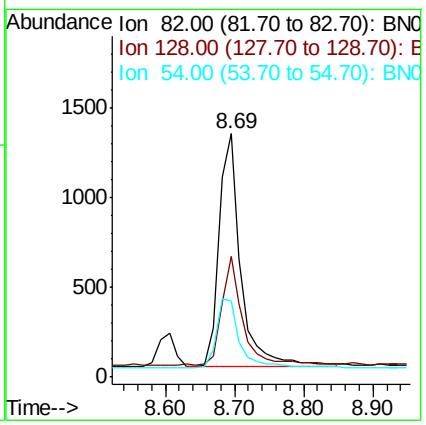


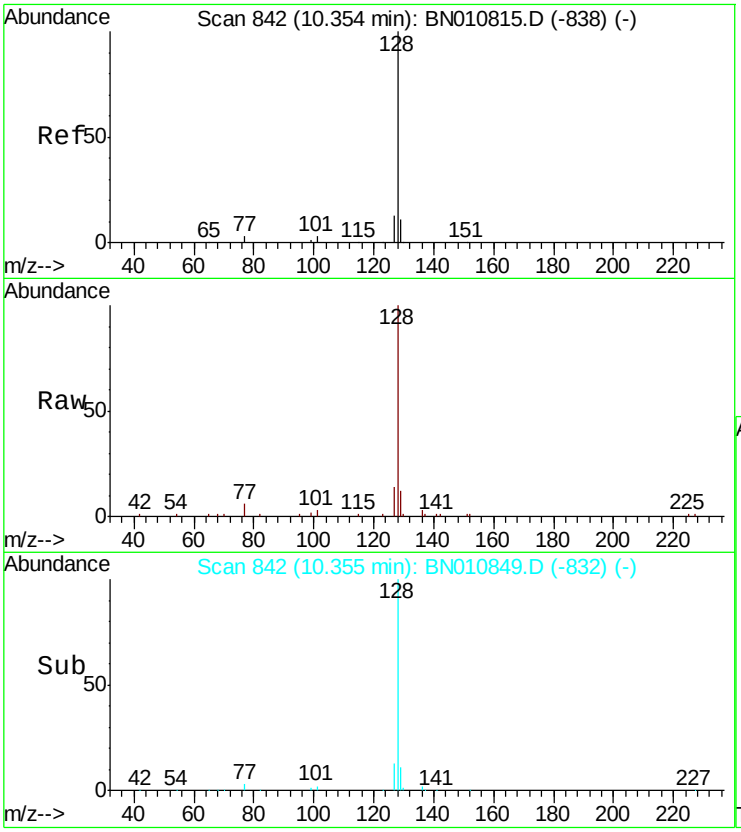


#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.03 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion: 82 Resp: 2855

Ion	Ratio	Lower	Upper
82	100		
128	49.6	35.4	53.0
54	30.9	28.2	42.4



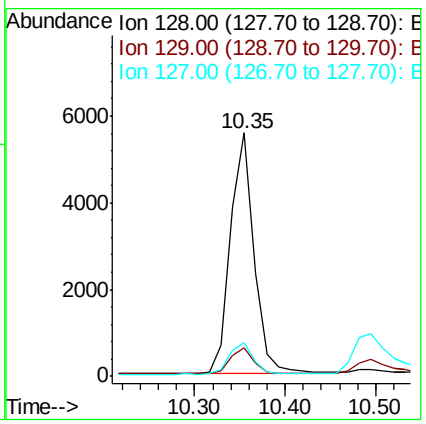


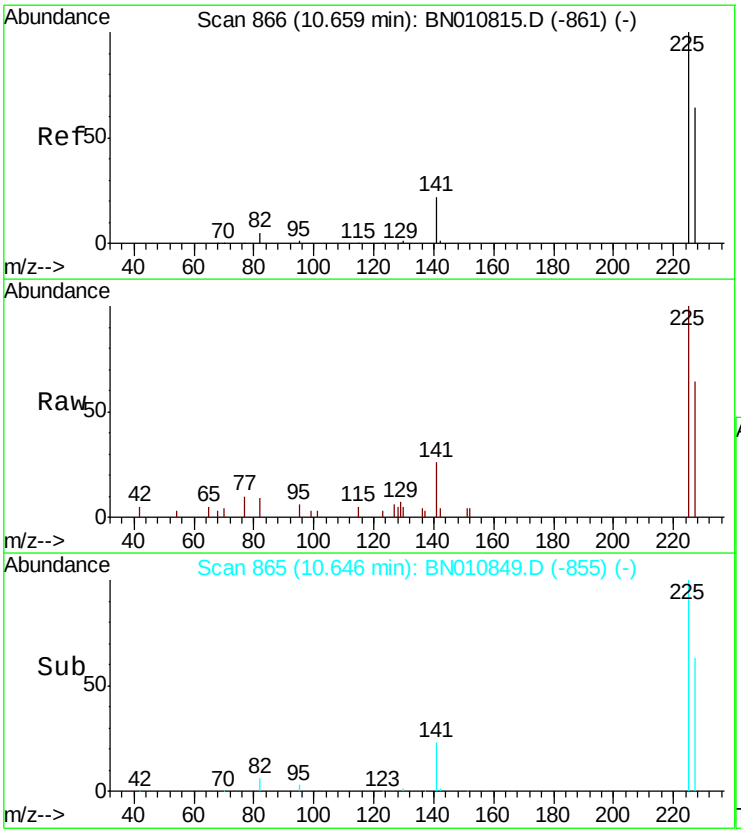
#9
Naphthalene
Concen: 0.430 ng
RT: 10.35 min Scan# 842
Delta R.T. 0.03 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 10103

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

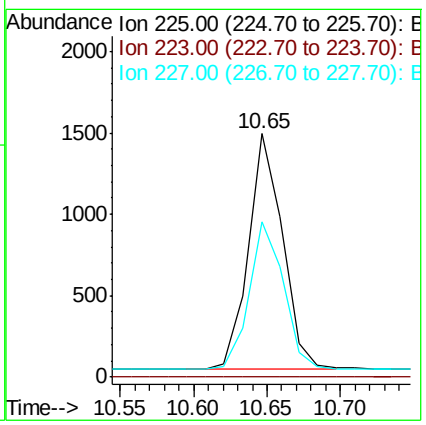


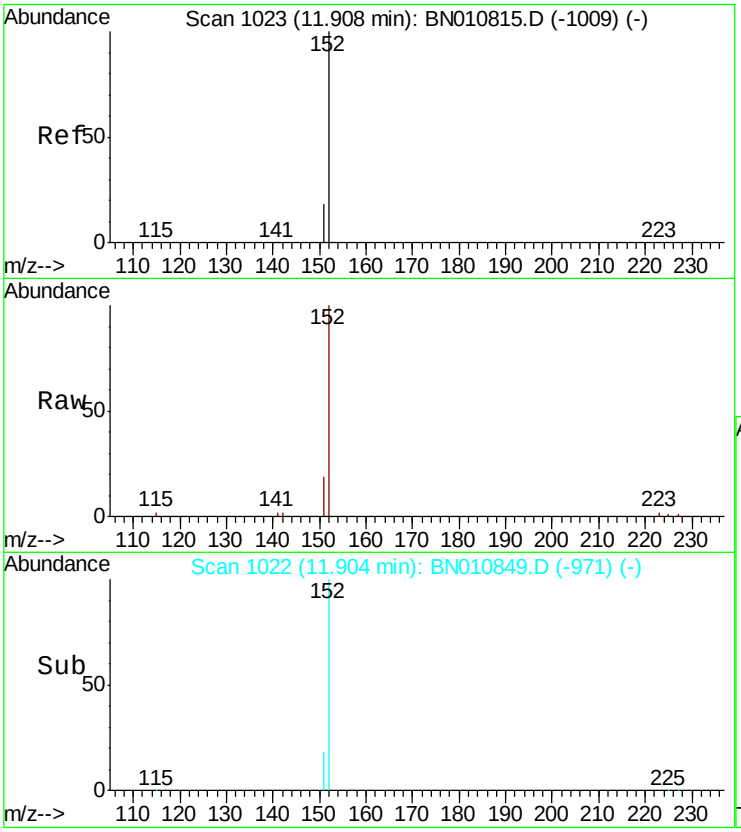


#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.65 min Scan# 865
Delta R.T. 0.03 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:225 Resp: 2339

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.5	75.7



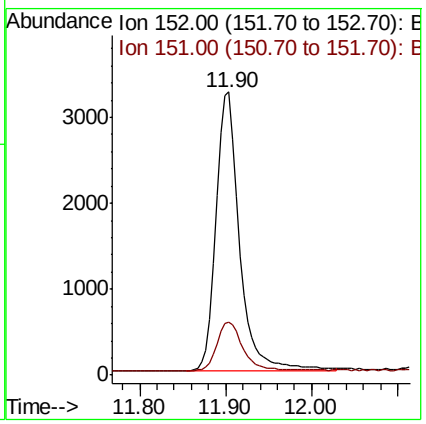


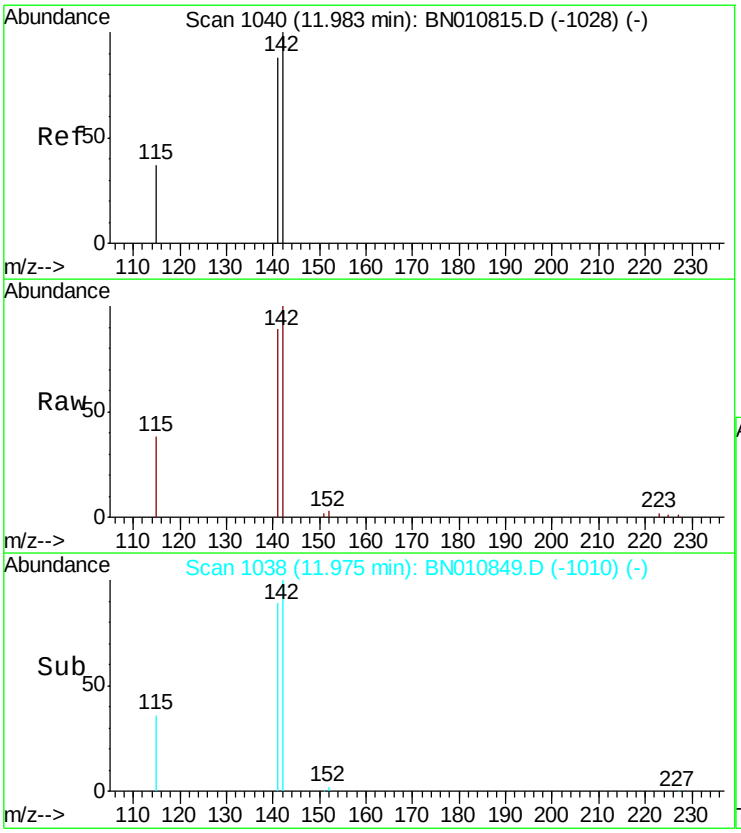
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 11.90 min Scan# 1022
Delta R.T. 0.03 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6138

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

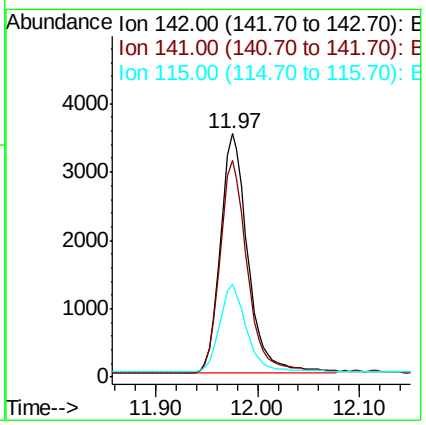


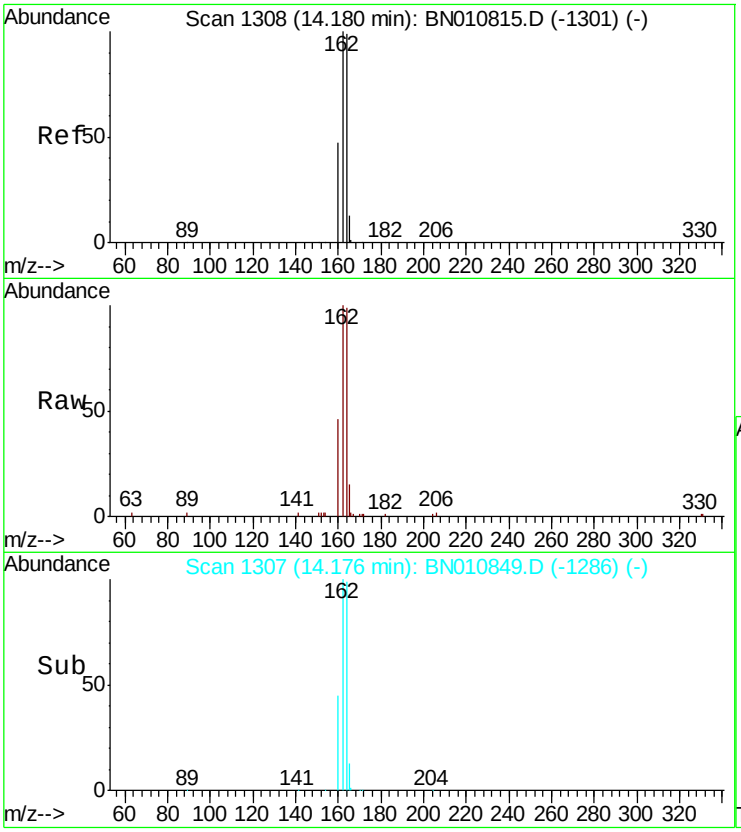


#12
2-Methylnaphthalene
Concen: 0.422 ng
RT: 11.97 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:142 Resp: 6635

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	37.9	31.5	47.3



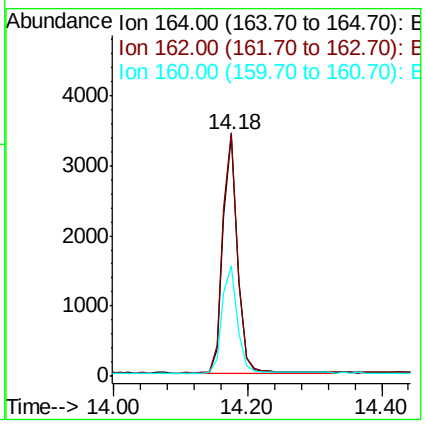


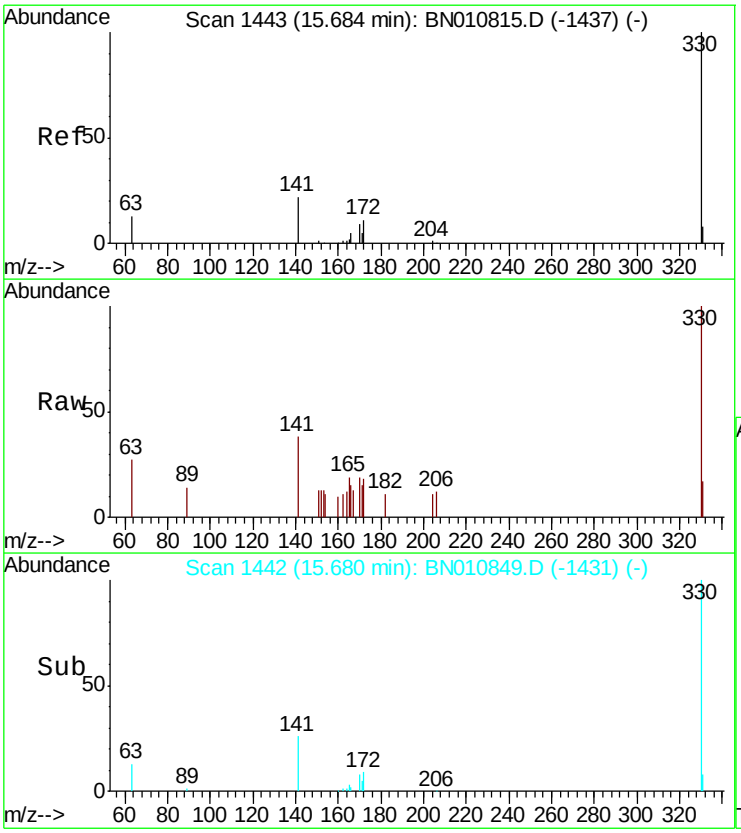
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1307
Delta R.T. 0.03 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5142

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.0	121.6
160	45.9	38.9	58.3

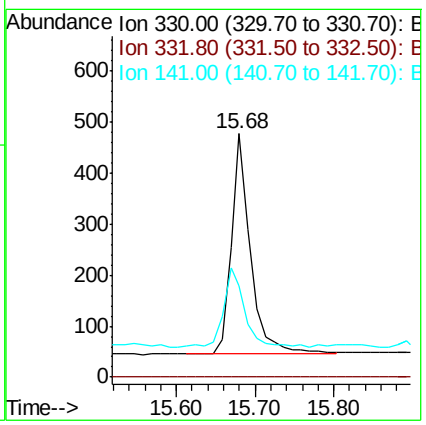


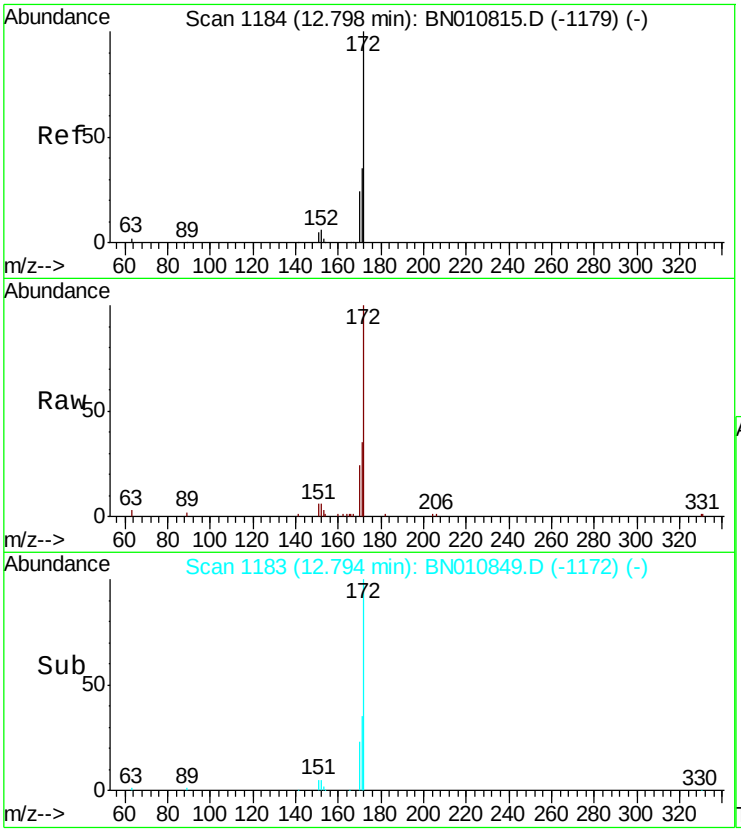


#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 15.68 min Scan# 1442
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:330 Resp: 740

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.0	33.2	49.8



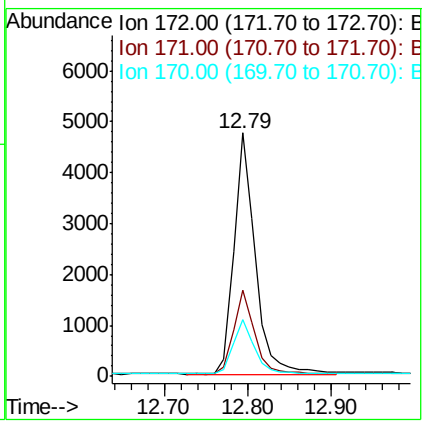


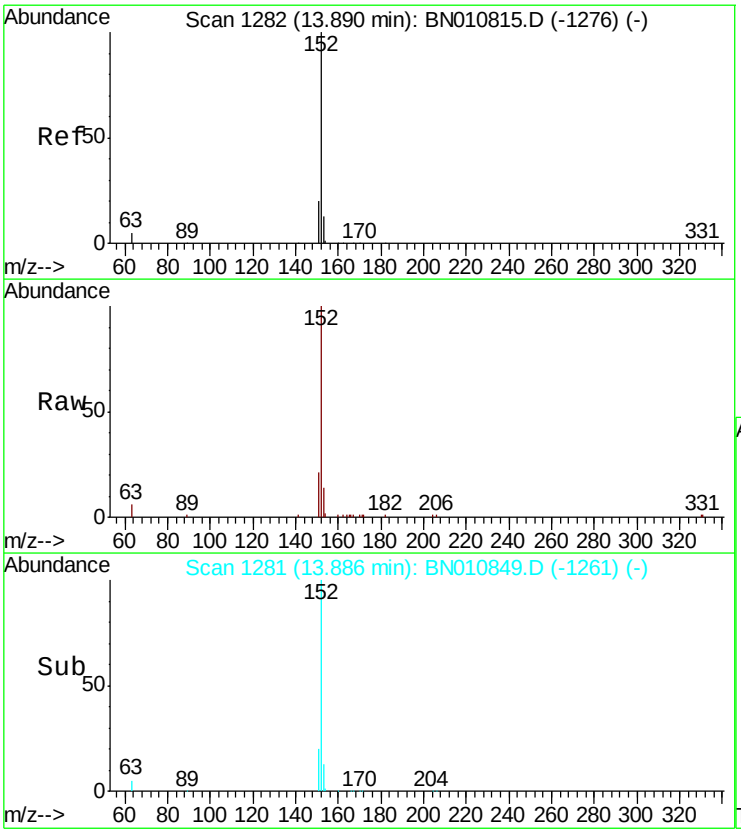
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 8355

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.6	19.7	29.5

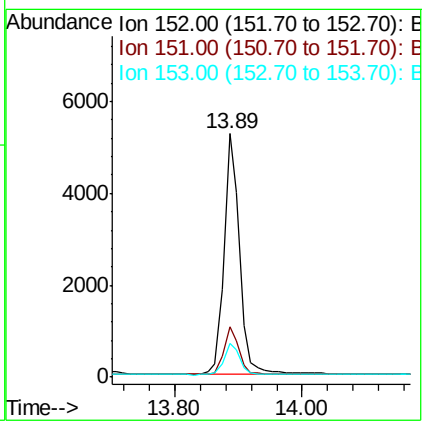


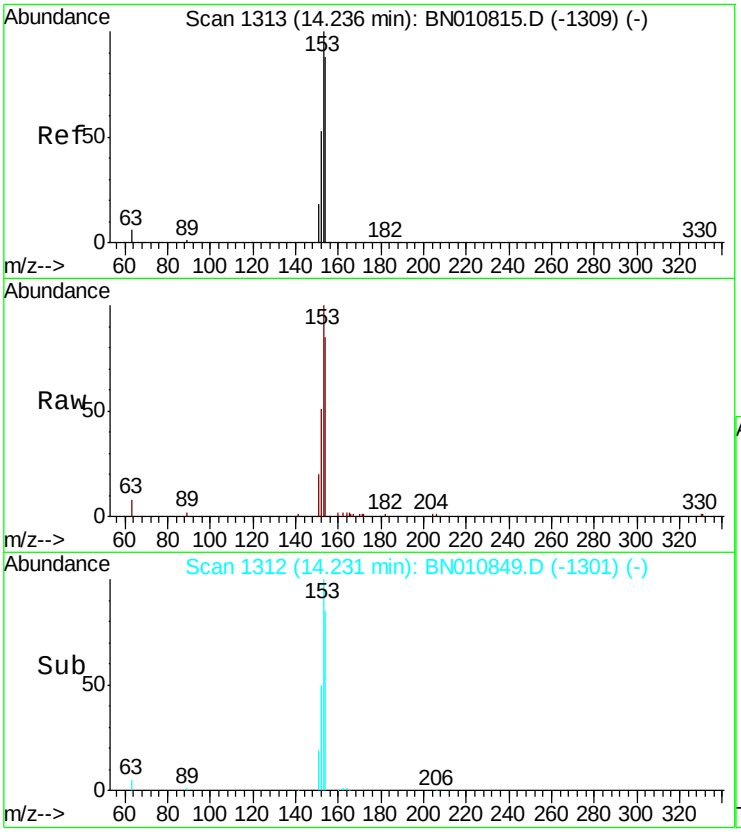


#16
Acenaphthylene
Concen: 0.420 ng
RT: 13.89 min Scan# 1281
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:152 Resp: 8839

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.2	10.6	16.0



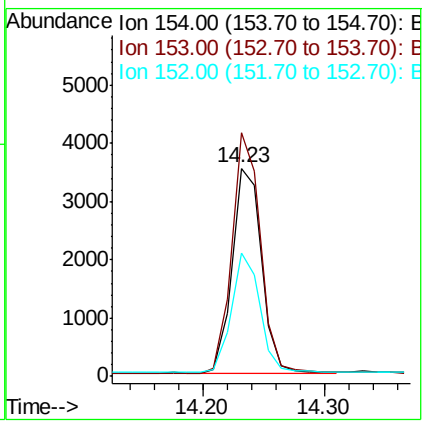


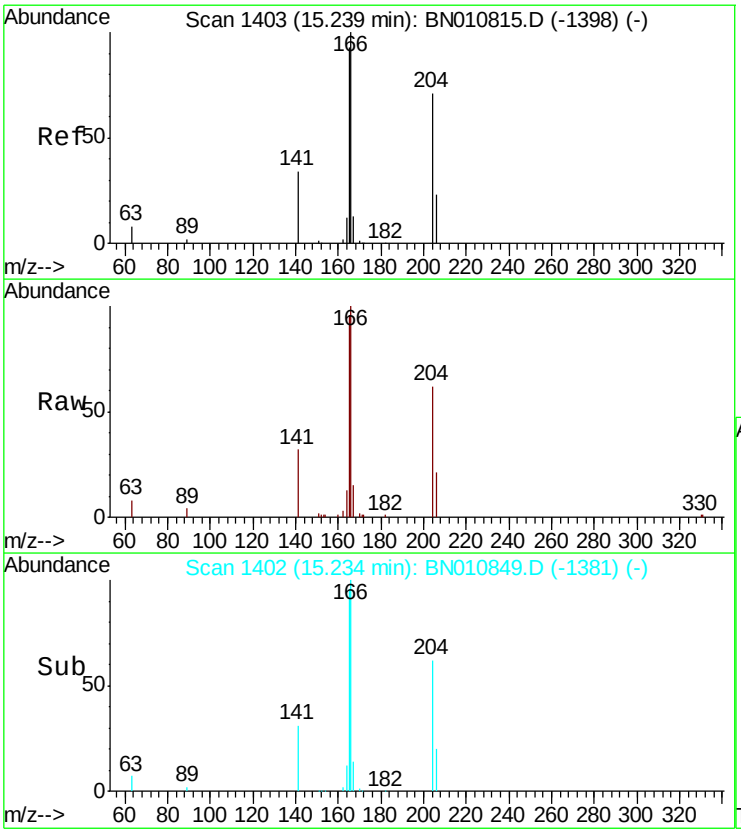
#17
Acenaphthene
Concen: 0.413 ng
RT: 14.23 min Scan# 1312
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 5938

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.8	137.6
152	57.4	47.6	71.4

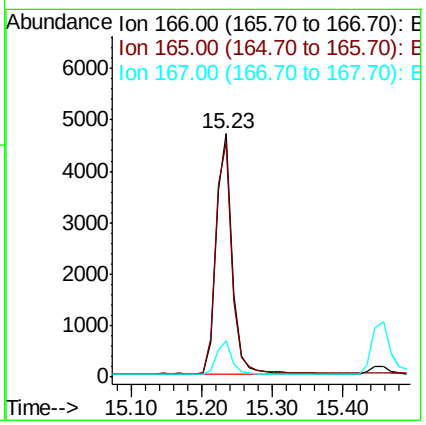


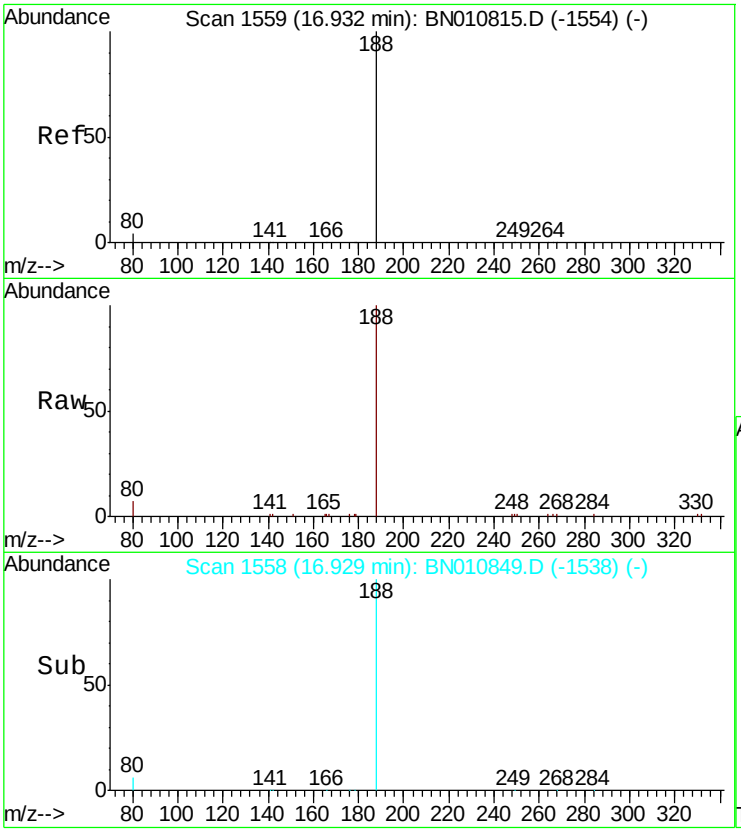


#18
Fluorene
Concen: 0.406 ng
RT: 15.23 min Scan# 1402
Delta R.T. 0.03 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:166 Resp: 7526

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.2	115.8
167	13.9	10.7	16.1



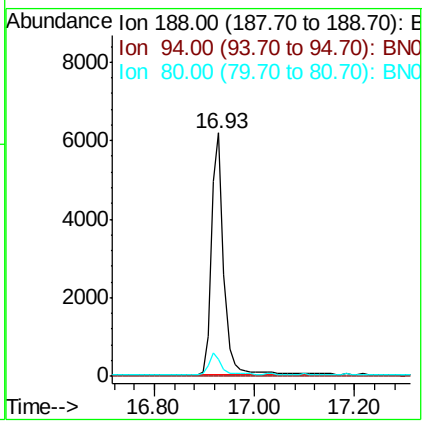


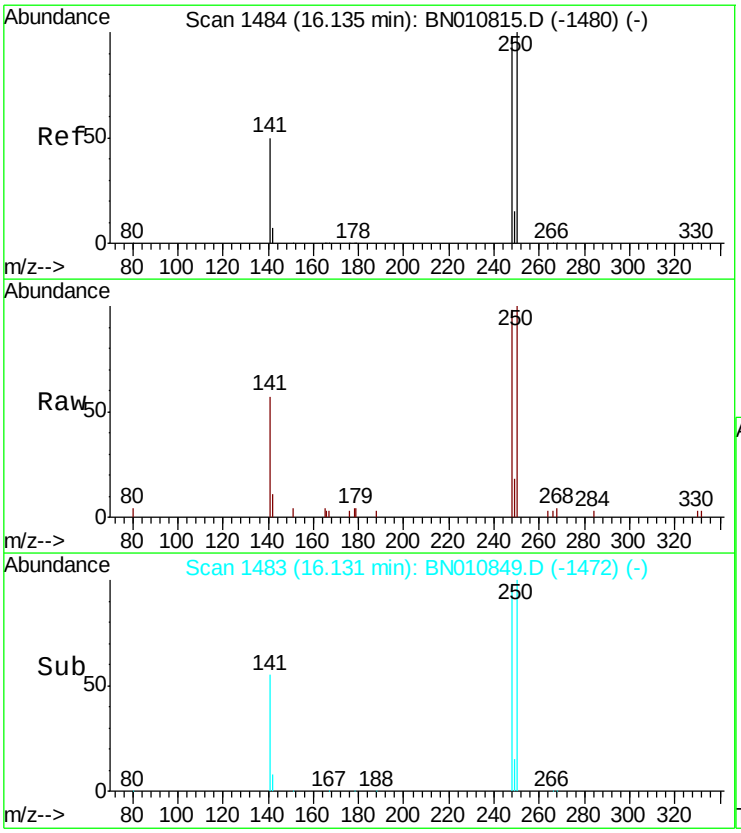
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1558
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 10424

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	4.5	6.7#

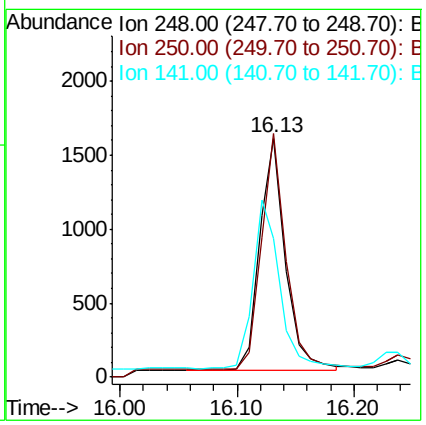


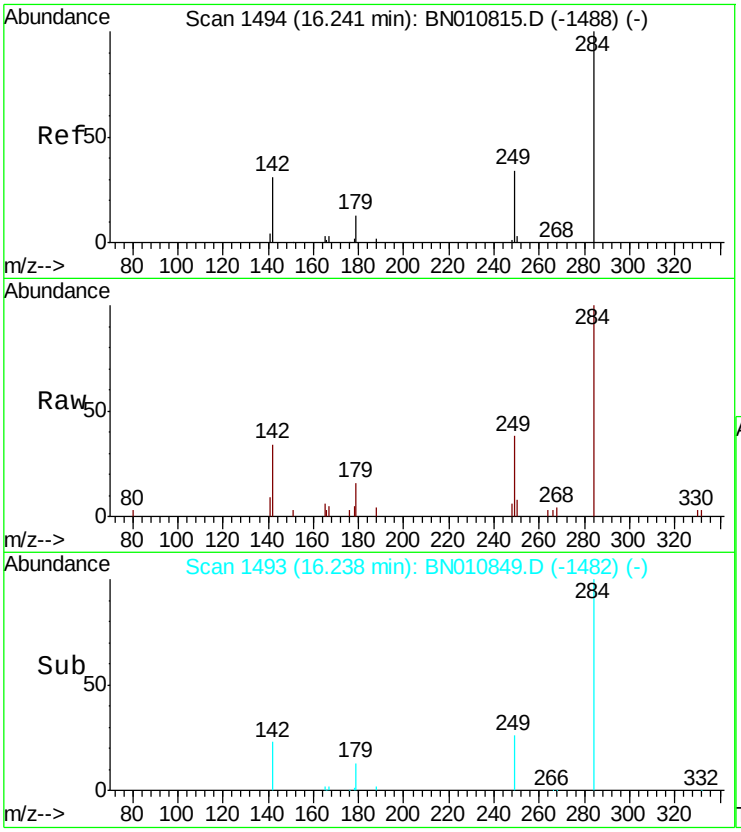


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.13 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:248 Resp: 2407

Ion	Ratio	Lower	Upper
248	100		
250	102.0	81.8	122.8
141	57.9	42.6	64.0



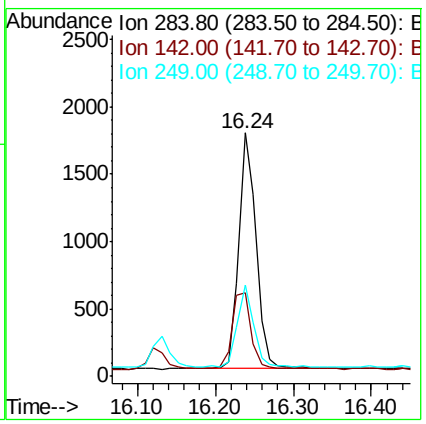


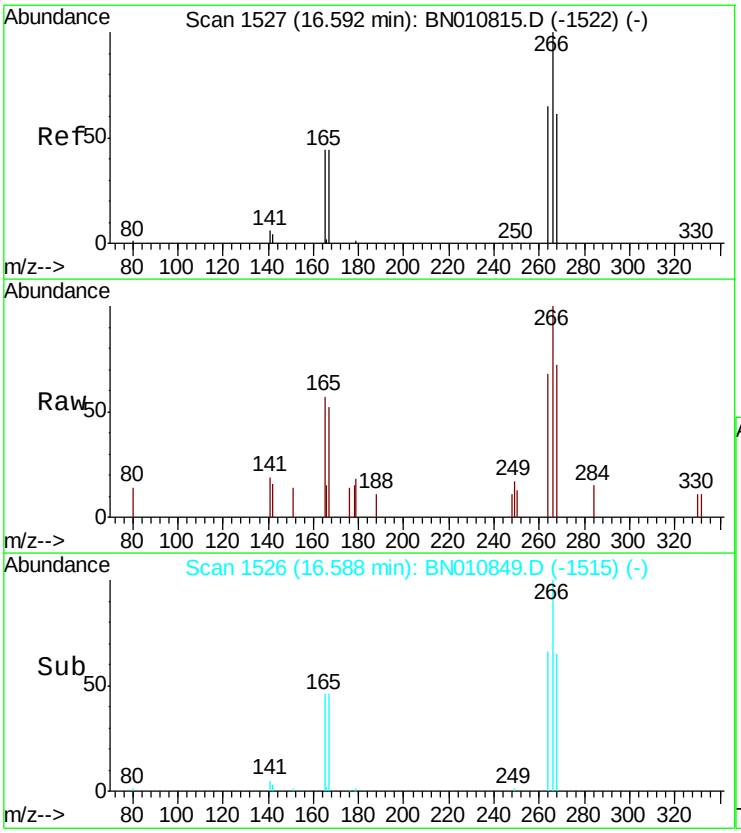
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.24 min Scan# 1493
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2711

Ion	Ratio	Lower	Upper
284	100		
142	35.2	31.0	46.4
249	33.1	27.1	40.7

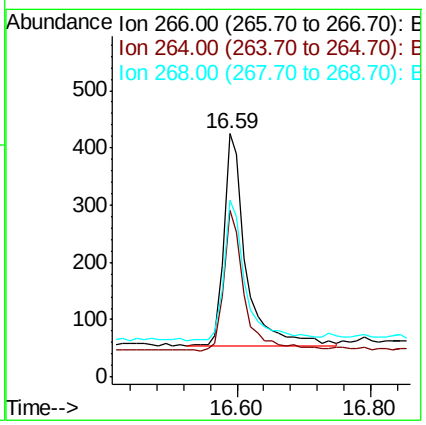


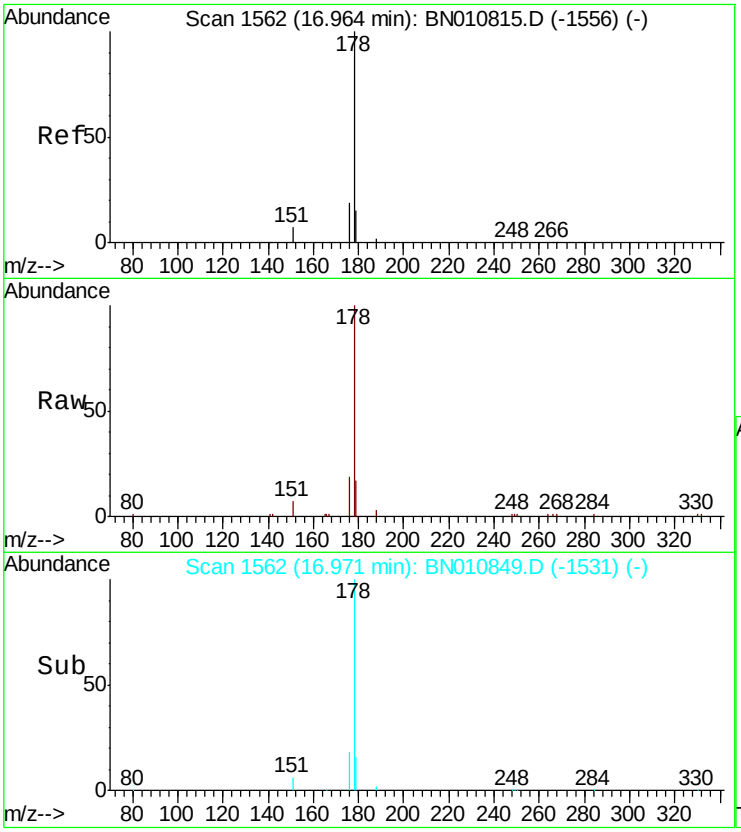


#22
Pentachlorophenol
Concen: 0.382 ng
RT: 16.59 min Scan# 1526
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:266 Resp: 839

Ion	Ratio	Lower	Upper
266	100		
264	68.5	54.8	82.2
268	72.5	55.9	83.9



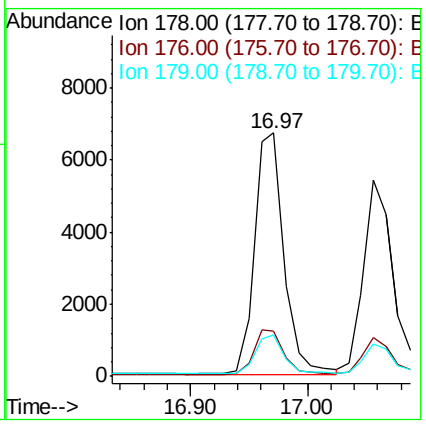


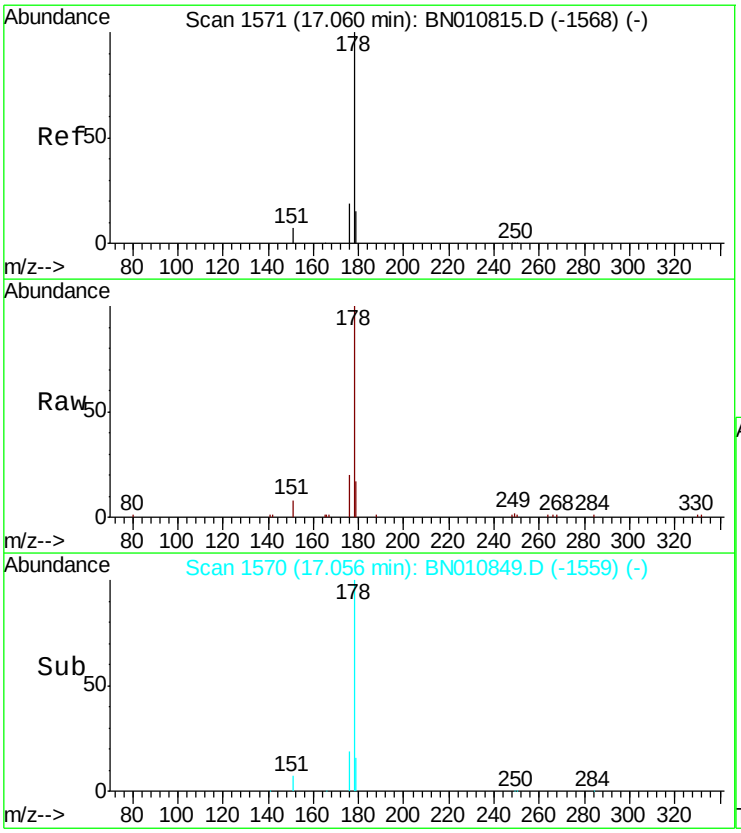
#23
Phenanthrene
Concen: 0.411 ng
RT: 16.97 min Scan# 1562
Delta R.T. 0.03 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 11693

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.5	12.6	19.0

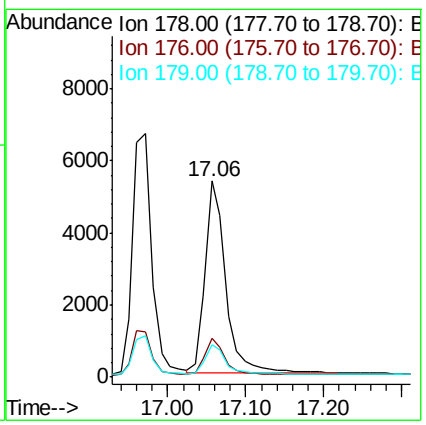


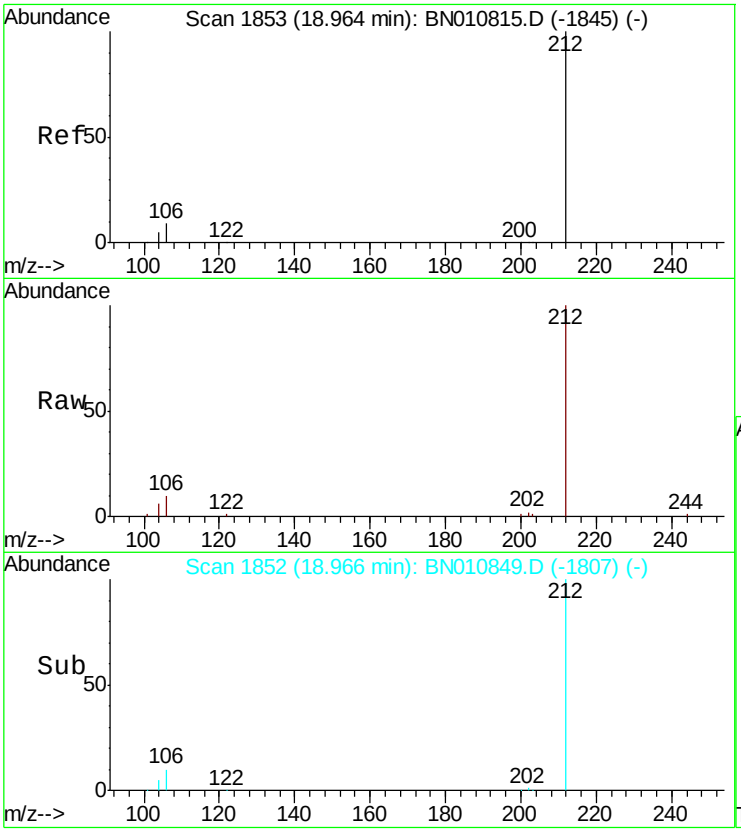


#24
Anthracene
Concen: 0.410 ng
RT: 17.06 min Scan# 1570
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:178 Resp: 9754

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.0	12.3	18.5



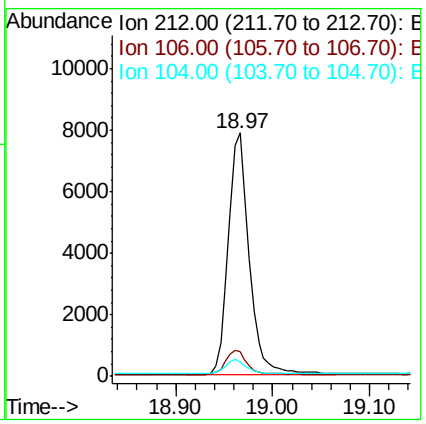


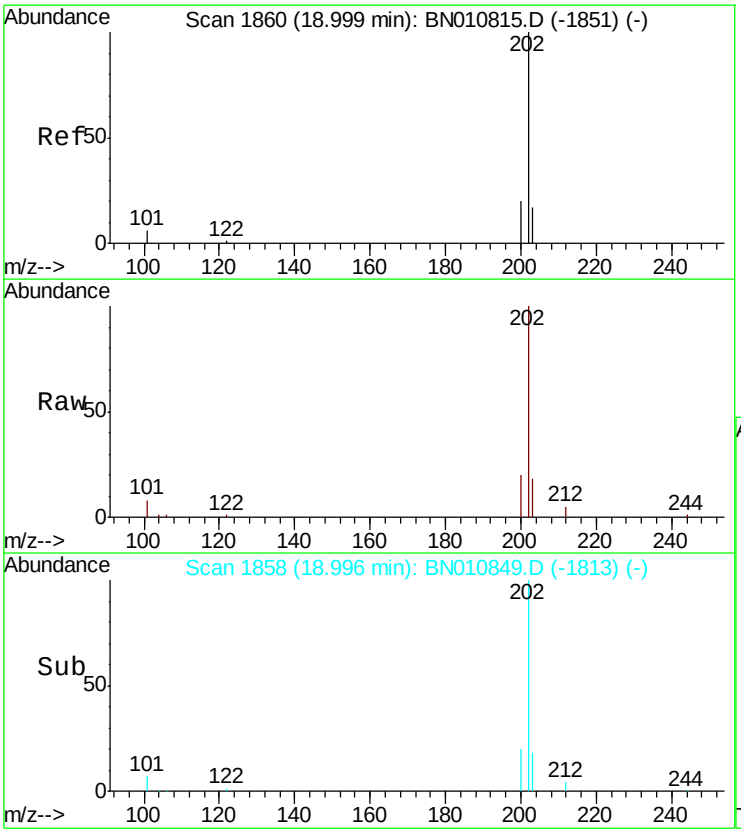
#25
Fluoranthene-d10
Concen: 0.415 ng
RT: 18.97 min Scan# 1852
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 11945

Ion	Ratio	Lower	Upper
212	100		
106	10.3	6.6	10.0#
104	5.9	4.0	6.0

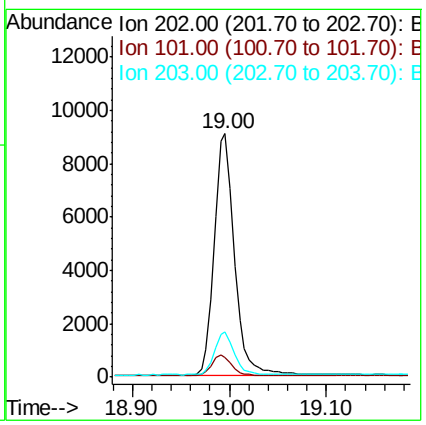


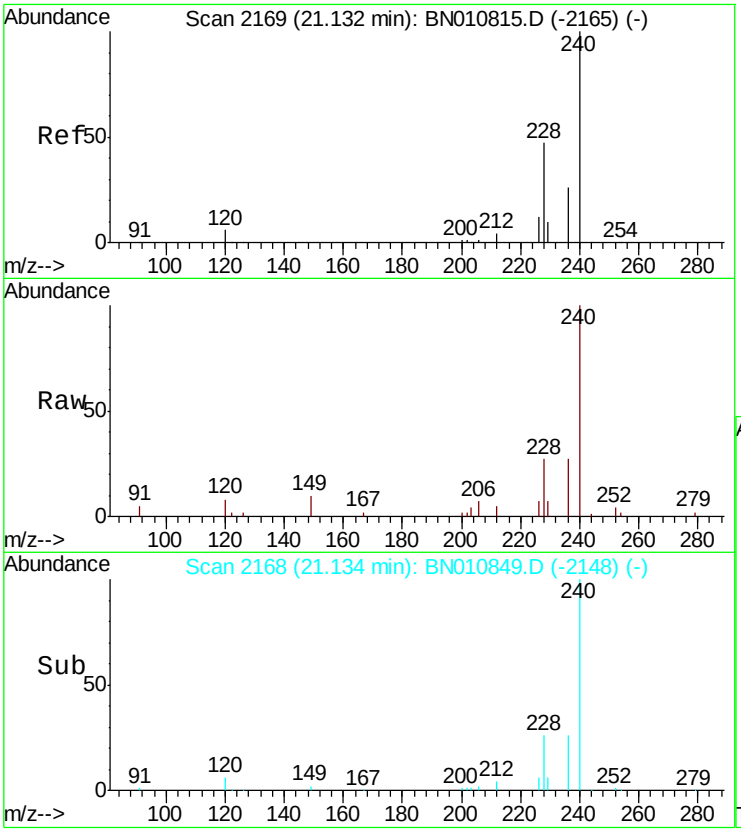


#26
Fluoranthene
Concen: 0.413 ng
RT: 19.00 min Scan# 1858
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:202 Resp: 13343

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.8	8.6
203	17.3	13.7	20.5



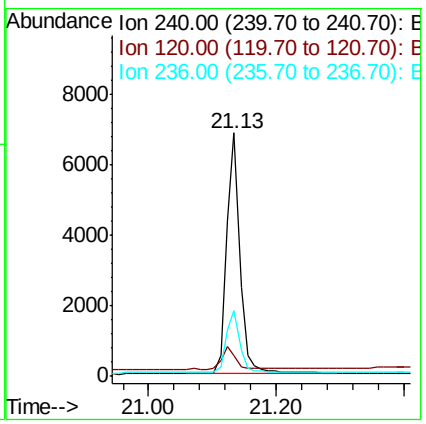


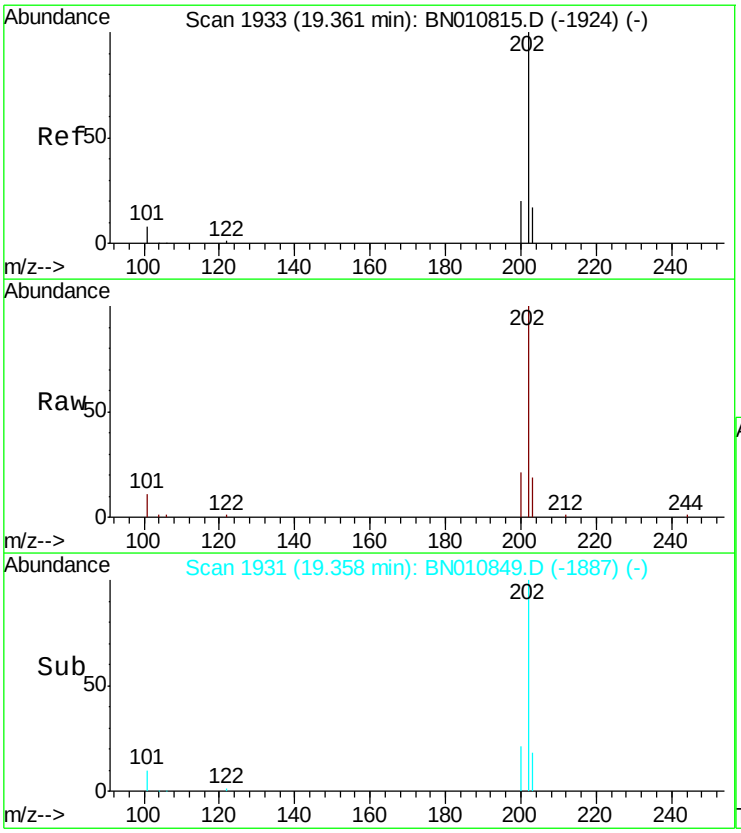
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 9940

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.5	11.3
236	27.2	22.3	33.5

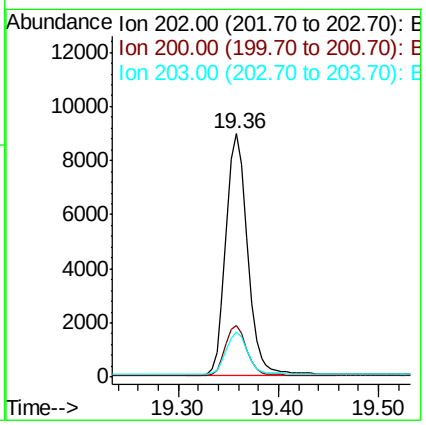


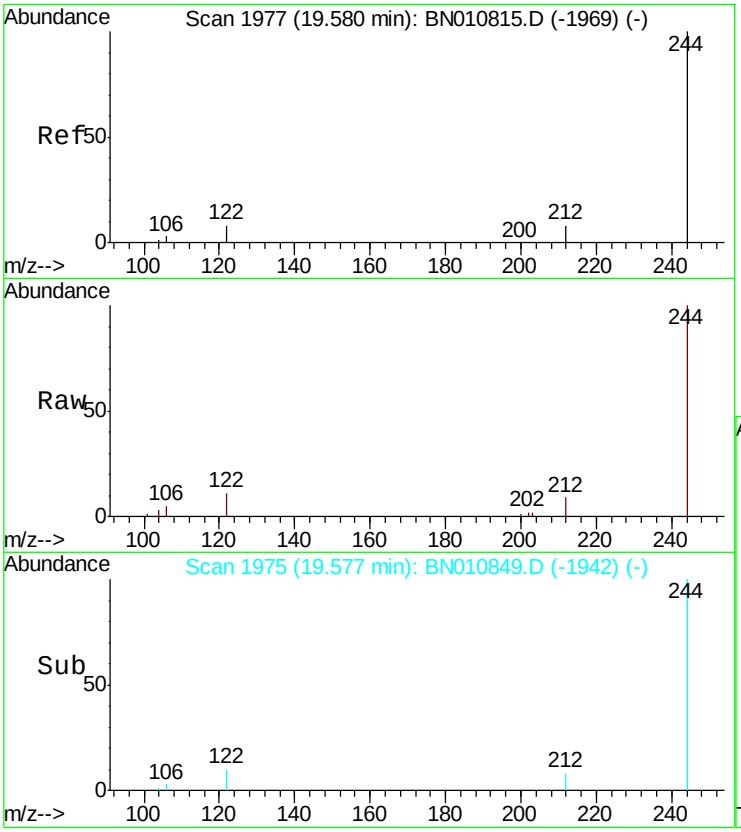


#28
Pyrene
Concen: 0.408 ng
RT: 19.36 min Scan# 1931
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:202 Resp: 13404

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.7	14.2	21.4



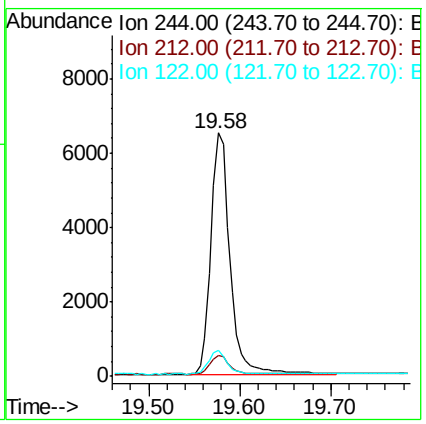


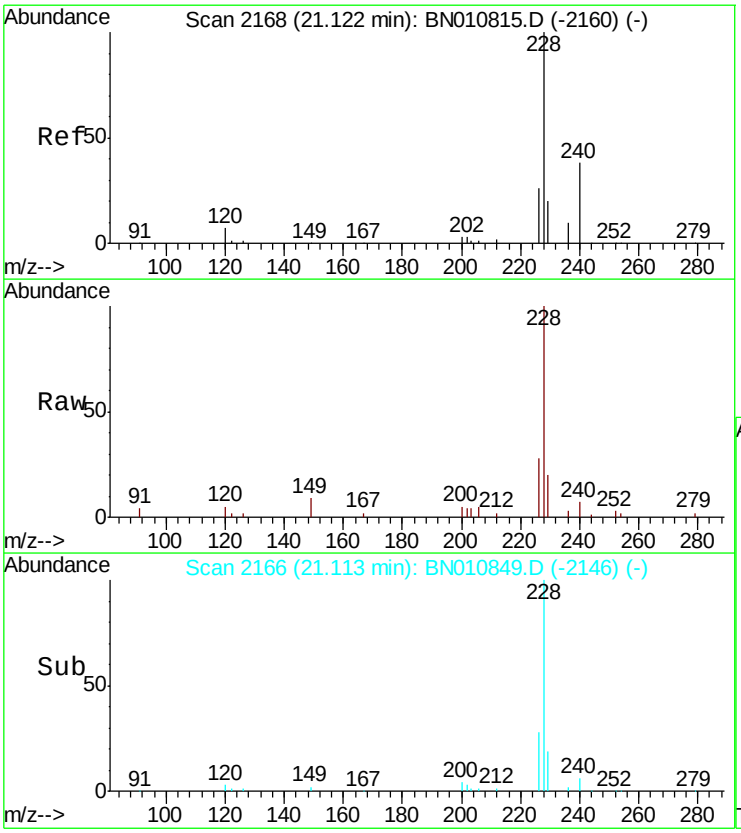
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.58 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 9413

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	10.6	7.5	11.3

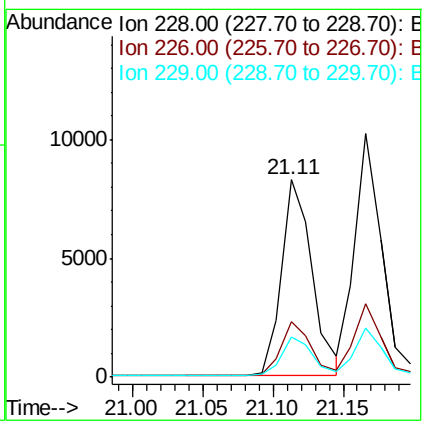


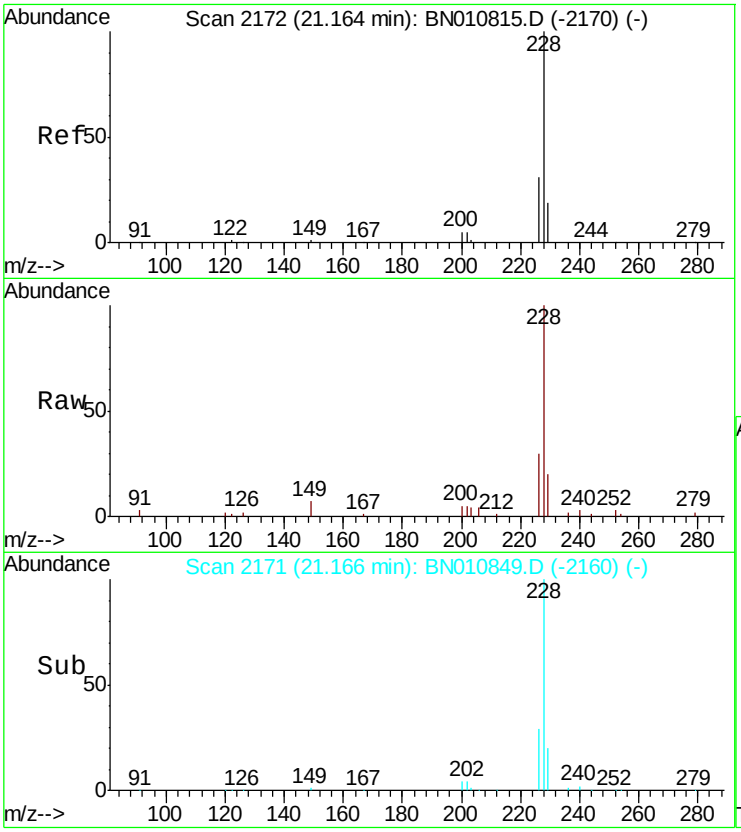


#30
Benzo(a)anthracene
Concen: 0.431 ng
RT: 21.11 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:228 Resp: 12596

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.3	31.9
229	20.1	16.6	24.8



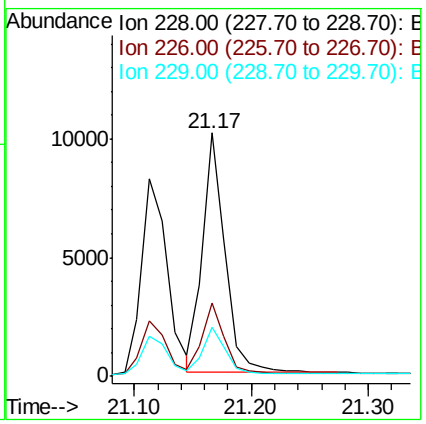


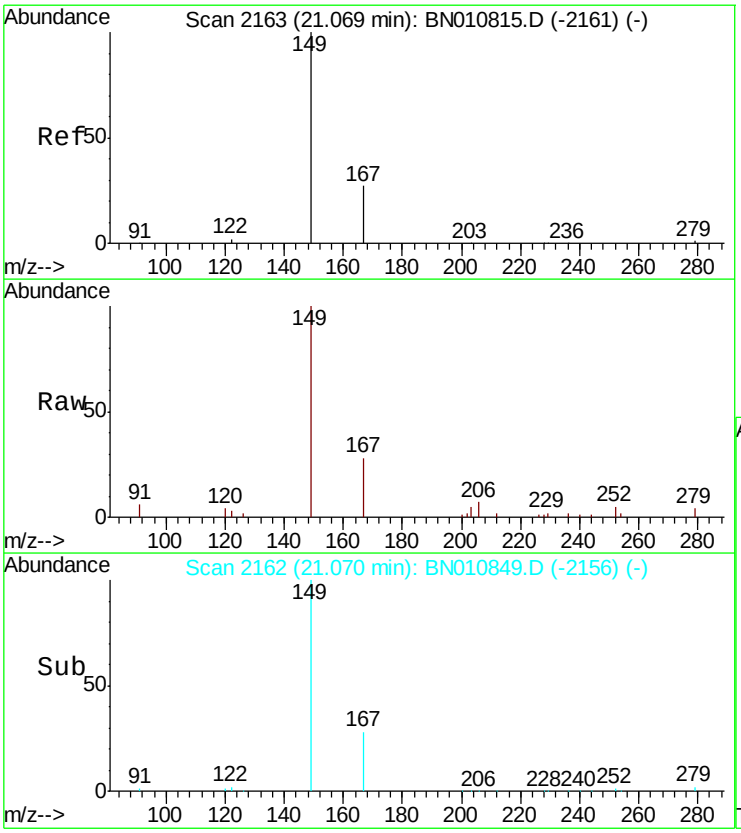
#31
Chrysene
Concen: 0.399 ng
RT: 21.17 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 13586

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

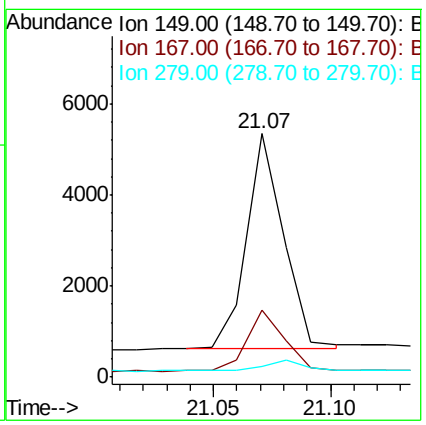


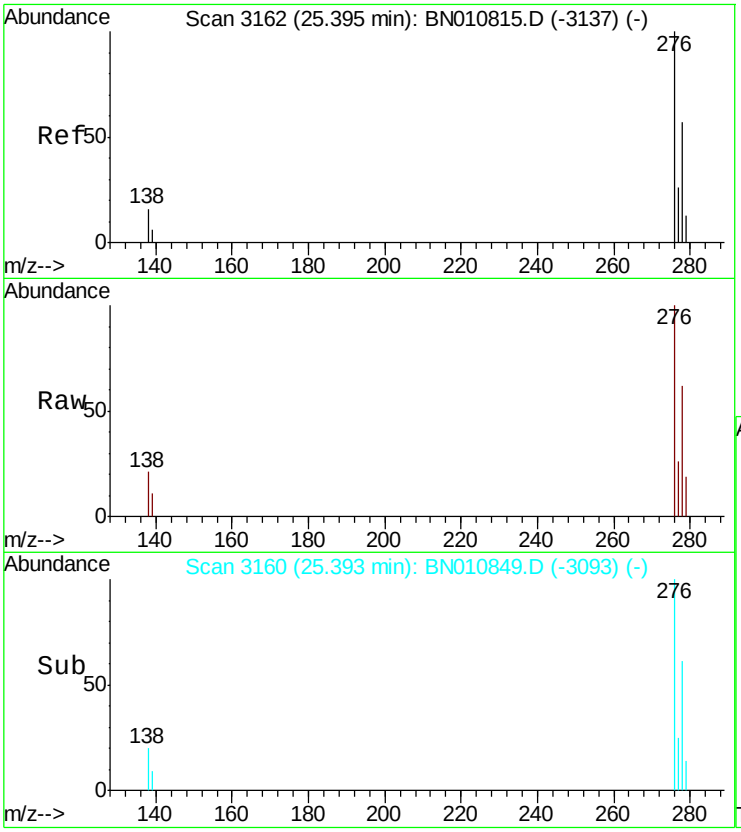


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.533 ng
RT: 21.07 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:149 Resp: 5189

Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.1	36.1
279	4.9	4.6	7.0



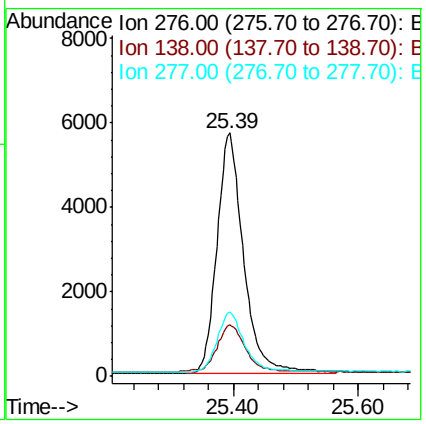


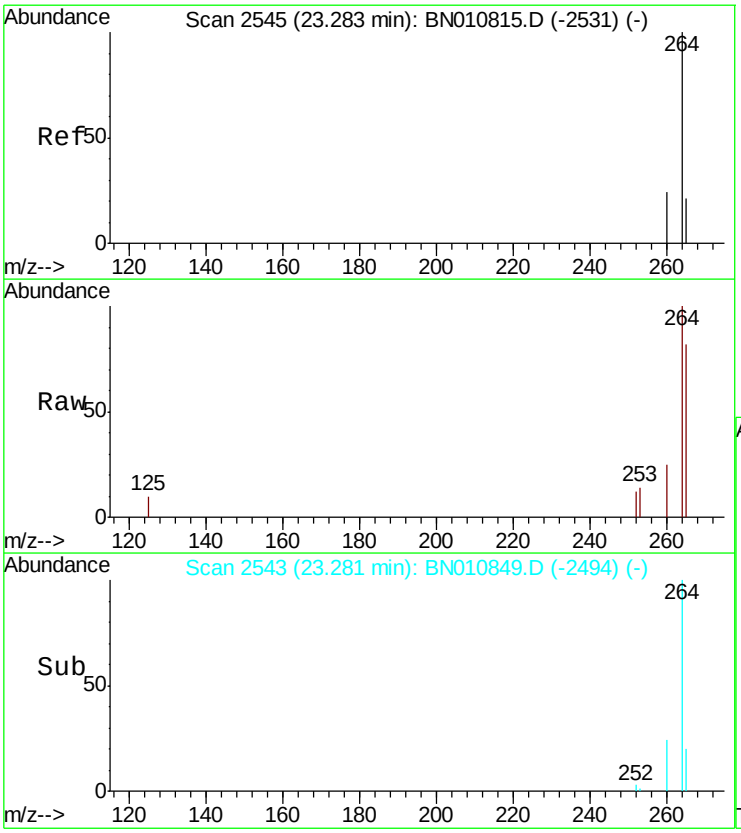
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 25.39 min Scan# 3160
Delta R.T. 0.03 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 16963

Ion	Ratio	Lower	Upper
276	100		
138	21.3	13.0	19.6#
277	25.2	19.7	29.5

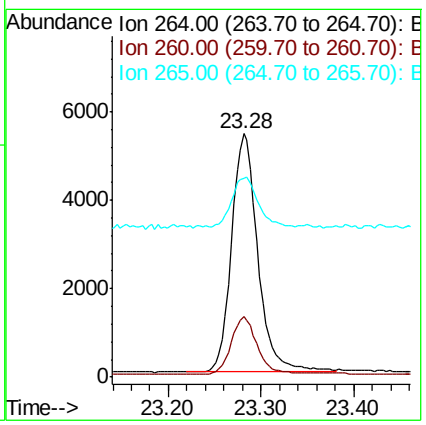


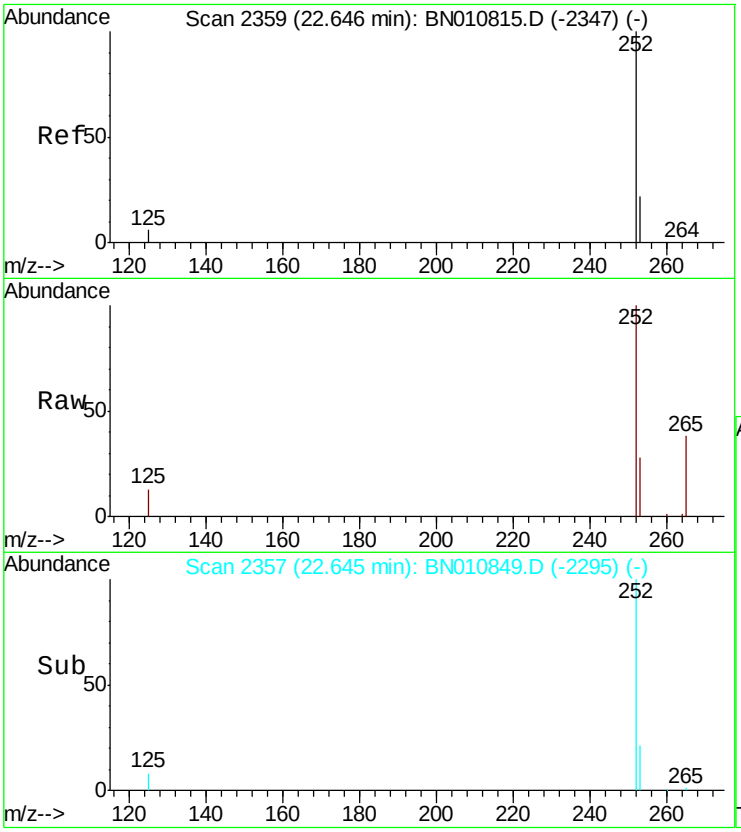


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2543
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:264 Resp: 10642

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	81.9	75.0	112.4



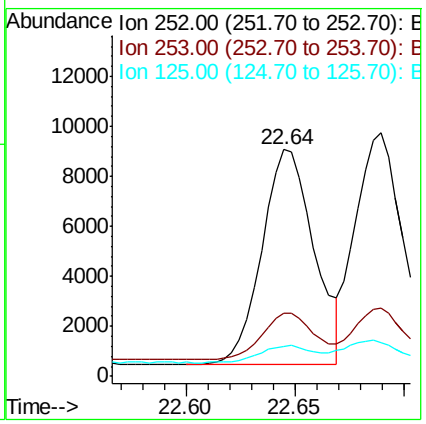


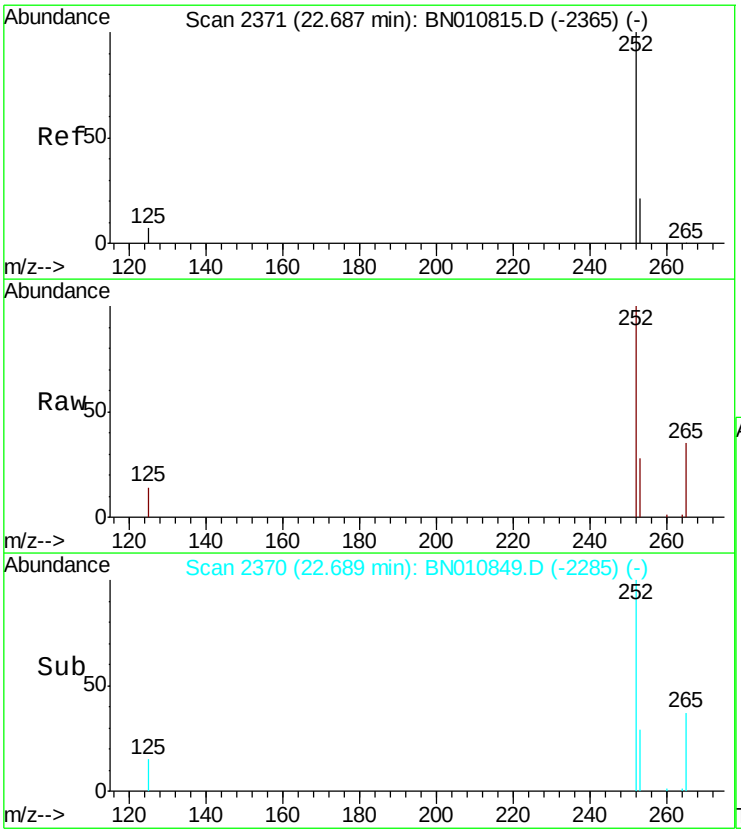
#35
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 22.64 min Scan# 2357
Delta R.T. 0.01 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 14271

Ion	Ratio	Lower	Upper
252	100		
253	27.7	22.4	33.6
125	13.5	9.4	14.0

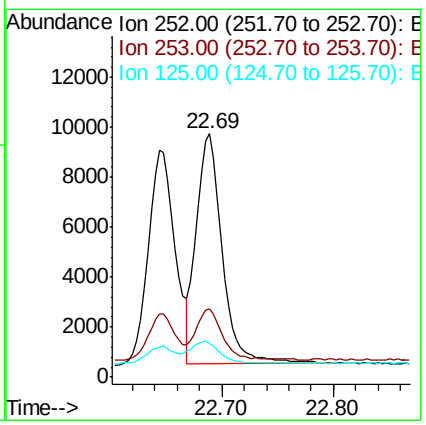


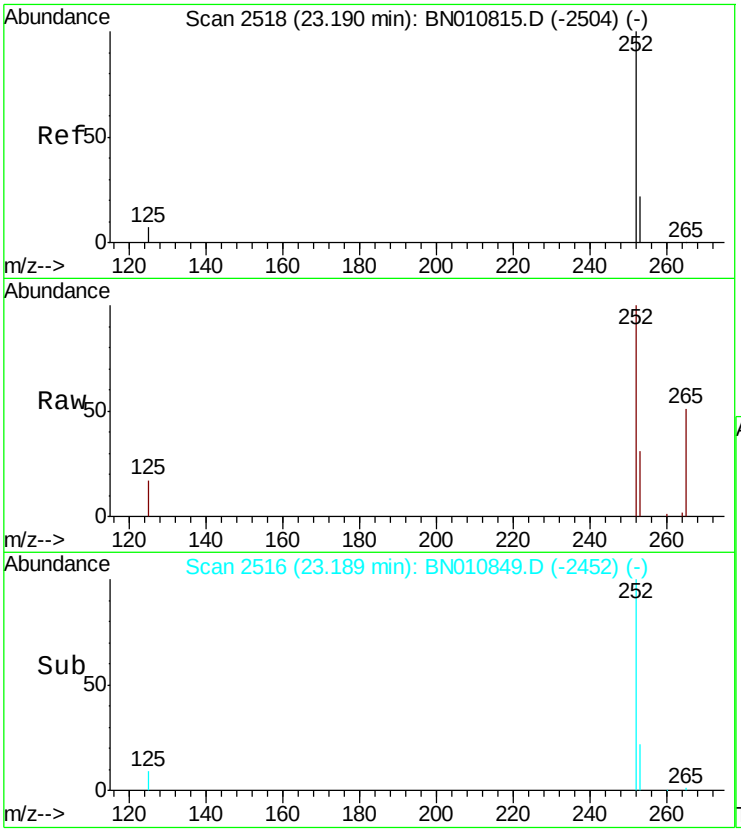


#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 22.69 min Scan# 2370
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:252 Resp: 14855

Ion	Ratio	Lower	Upper
252	100		
253	27.8	22.2	33.4
125	14.1	9.8	14.8



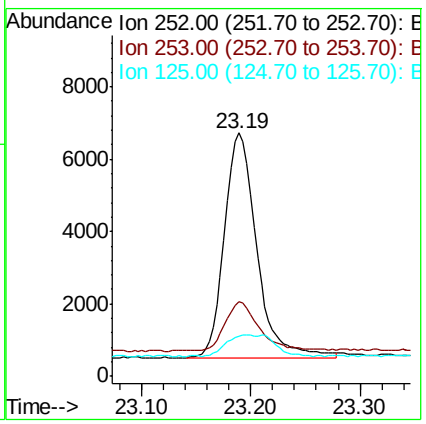


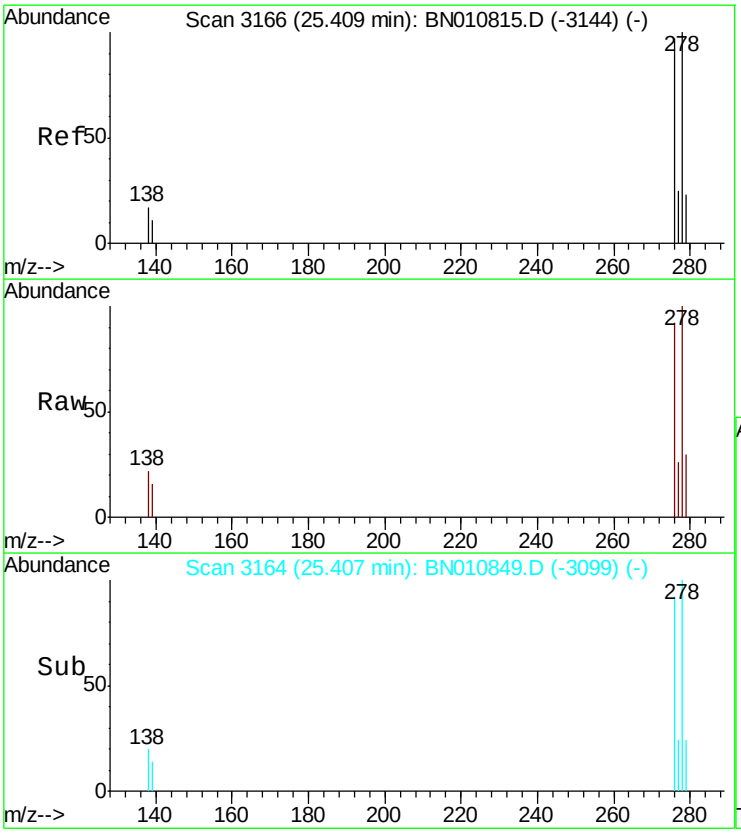
#37
Benzo(a)pyrene
Concen: 0.414 ng
RT: 23.19 min Scan# 2516
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 12835

Ion	Ratio	Lower	Upper
252	100		
253	30.5	25.8	38.8
125	16.6	12.4	18.6

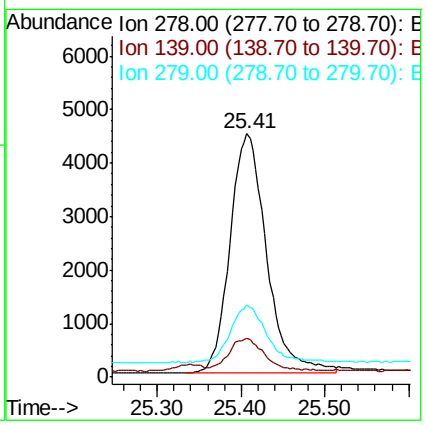


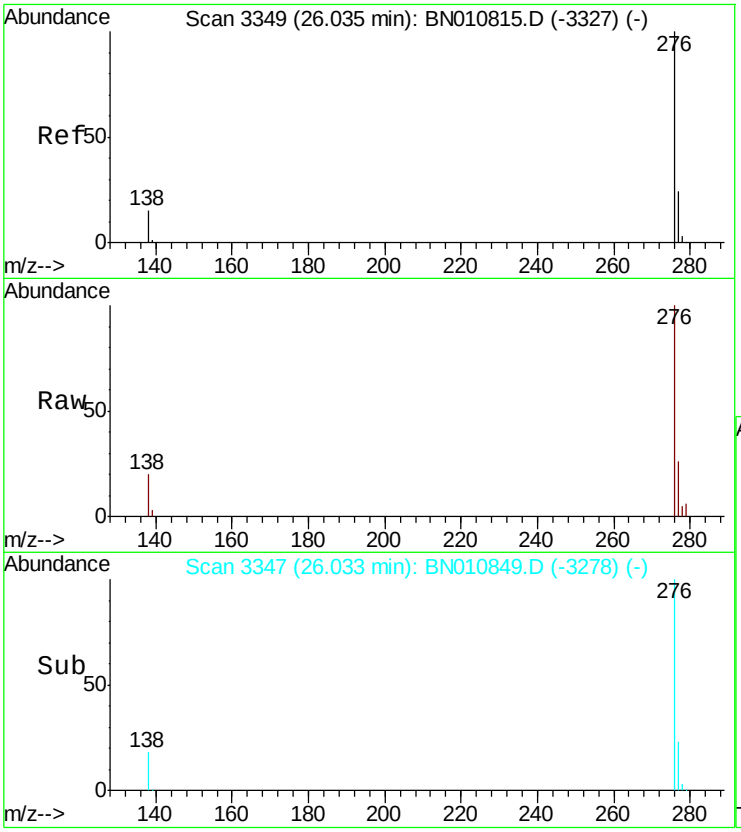


#38
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 25.41 min Scan# 3164
Delta R.T. 0.02 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Tgt Ion:278 Resp: 13481

Ion	Ratio	Lower	Upper
278	100		
139	15.8	10.6	15.8
279	29.6	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 26.03 min Scan# 3347
Delta R.T. 0.04 min
Lab File: BN010849.D
Acq: 12 Jun 2020 18:20

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 14194

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.5	30.7
138	19.6	13.7	20.5