Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052120\
Data File : BN010739.D
Acq On : 21 May 2020 22:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 22 00:50:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 16:54:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3730	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	15201	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	9382	0.40	ng		-0.01
19) Phenanthrene-d10	16.94	188	18894	0.40	ng		-0.01
27) Chrysene-d12	21.15	240	14306	0.40	ng		0.00
34) Perylene-d12	23.31	264	13704	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	3049	0.42	ng		0.00
5) Phenol-d6	6.77	99	3717	0.42	ng		0.00
8) Nitrobenzene-d5	8.71	82	4189	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.92	152	9854	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1216	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.82	172	13658	0.40	ng		0.00
25) Fluoranthene-d10	18.98	212	19285	0.38	ng		0.00
29) Terphenyl-d14	19.59	244	14373	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1233	0.38	ng		96
3) n-Nitrosodimethylamine	3.57	42	694	0.37	ng		96
6) bis(2-Chloroethyl)ether	7.02	93	3842	0.42	ng		99
9) Naphthalene	10.38	128	15154	0.40	ng		99
10) Hexachlorobutadiene	10.67	225	3396	0.39	ng	#	98
12) 2-Methylnaphthalene	12.00	142	10792	0.40	ng		99
16) Acenaphthylene	13.91	152	14439	0.38	ng		100
17) Acenaphthene	14.26	154	10186	0.39	ng		100
18) Fluorene	15.25	166	13179	0.39	ng		99
20) 4-Bromophenyl-phenylether	16.15	248	4203	0.40	ng	#	90
21) Hexachlorobenzene	16.26	284	4996	0.40	ng		99
22) Pentachlorophenol	16.61	266	1569	0.41	ng		99
23) Phenanthrene	16.99	178	20256	0.40	ng		100
24) Anthracene	17.08	178	15970	0.38	ng		100
26) Fluoranthene	19.01	202	21627	0.38	ng		99
28) Pyrene	19.38	202	21240	0.41	ng		100
30) Benzo(a)anthracene	21.13	228	16319	0.39	ng		99
31) Chrysene	21.19	228	18666	0.40	ng		99
32) Bis(2-ethylhexyl)phthalate	21.09	149	7180	0.39	ng		99
33) Indeno(1,2,3-cd)pyrene	25.45	276	15445	0.37	ng		98
35) Benzo(b)fluoranthene	22.67	252	16805	0.37	ng		98
36) Benzo(k)fluoranthene	22.71	252	19539	0.40	ng		98
37) Benzo(a)pyrene	23.22	252	15177	0.39	ng		98
38) Dibenzo(a,h)anthracene	25.47	278	11702	0.35	ng		98
39) Benzo(g,h,i)perylene	26.09	276	13780	0.35	ng		100

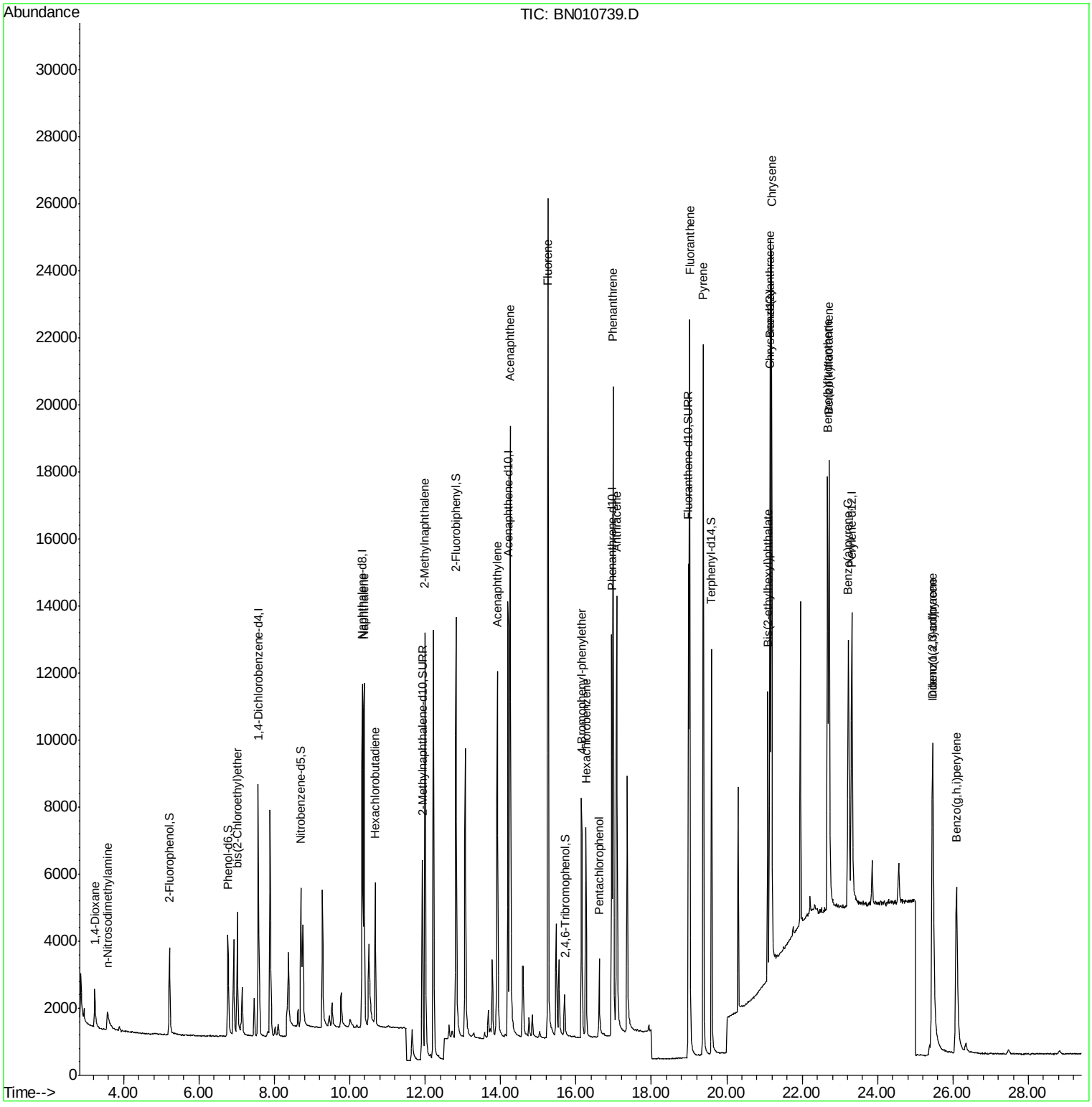
(#) = qualifier out of range (m) = manual integration (+) = signals summed

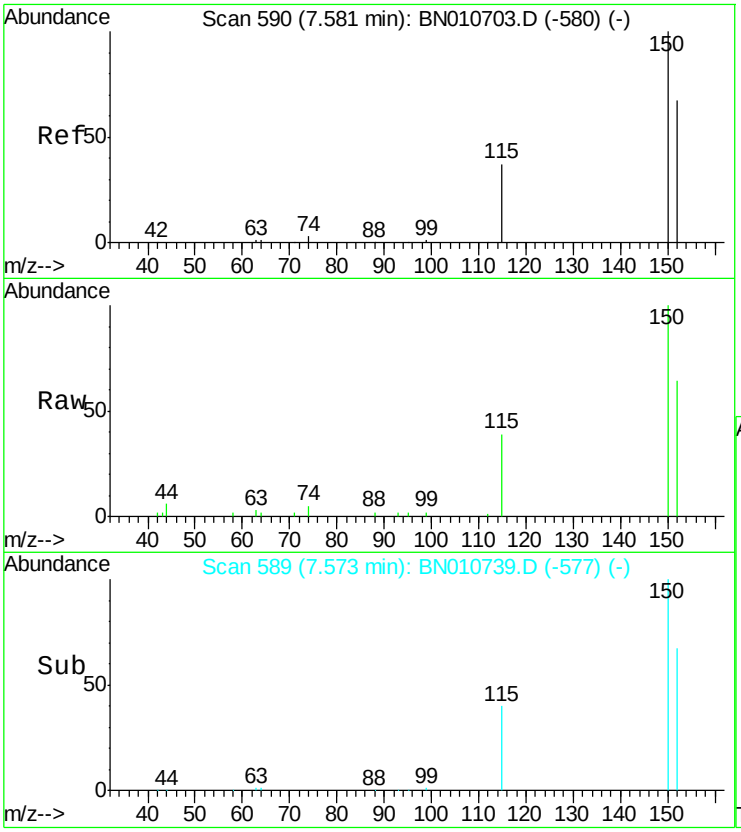
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052120\
Data File : BN010739.D
Acq On : 21 May 2020 22:22
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 22 00:50:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 16:54:53 2020
Response via : Initial Calibration



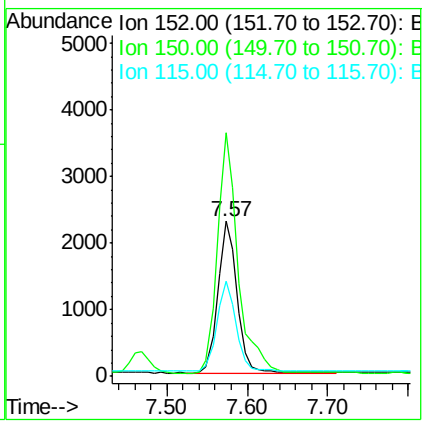


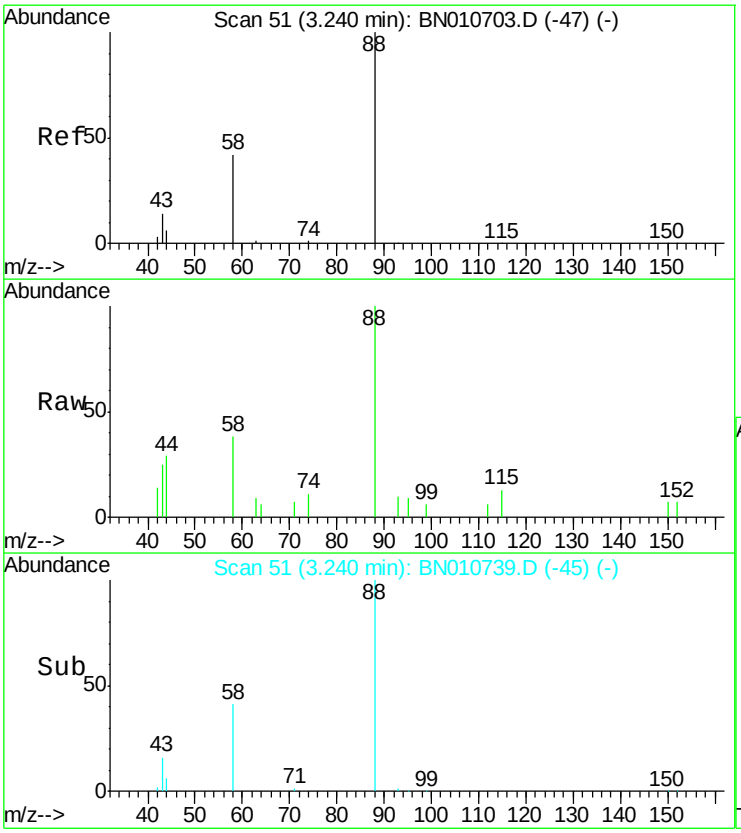
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.57 min Scan# 589
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3730

Ion	Ratio	Lower	Upper
152	100		
150	157.2	119.4	179.0
115	61.6	45.9	68.9

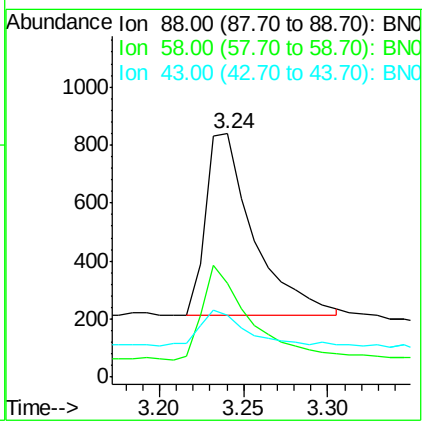


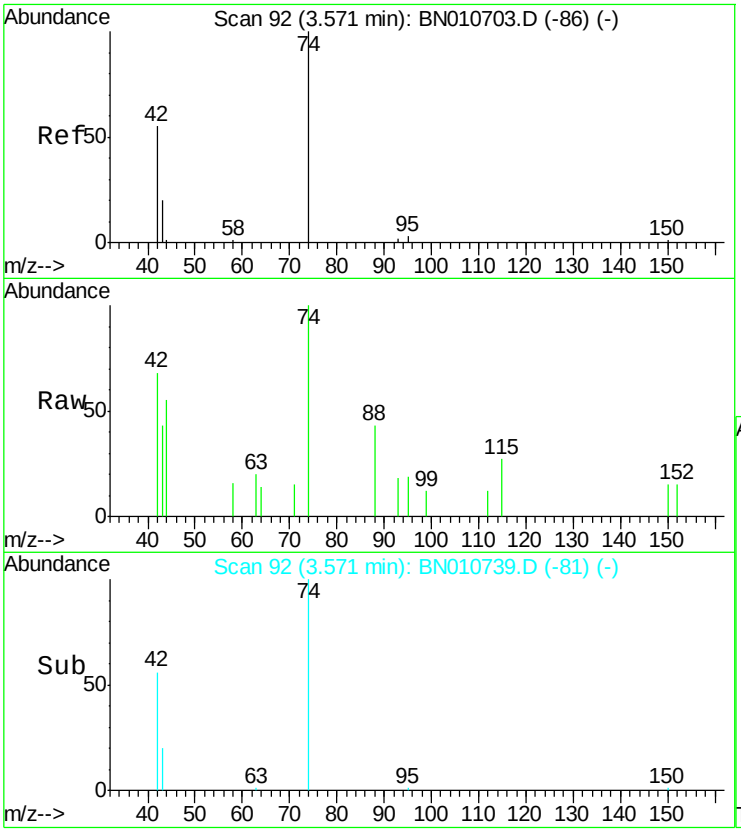


#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion: 88 Resp: 1233

Ion	Ratio	Lower	Upper
88	100		
58	52.1	39.0	58.6
43	16.5	13.1	19.7



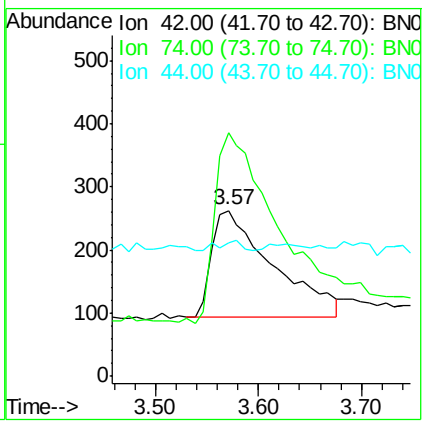


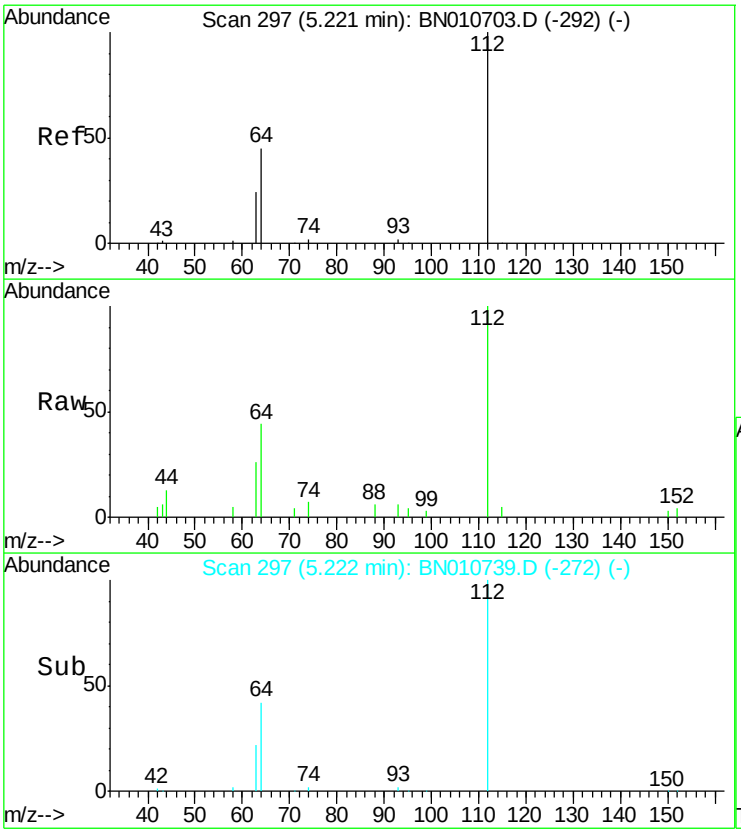
#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.57 min Scan# 92
Delta R.T. -0.01 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 694

Ion	Ratio	Lower	Upper
42	100		
74	188.2	146.2	219.2
44	3.5	3.0	4.4

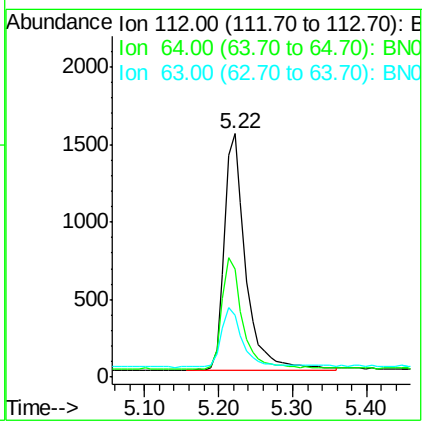


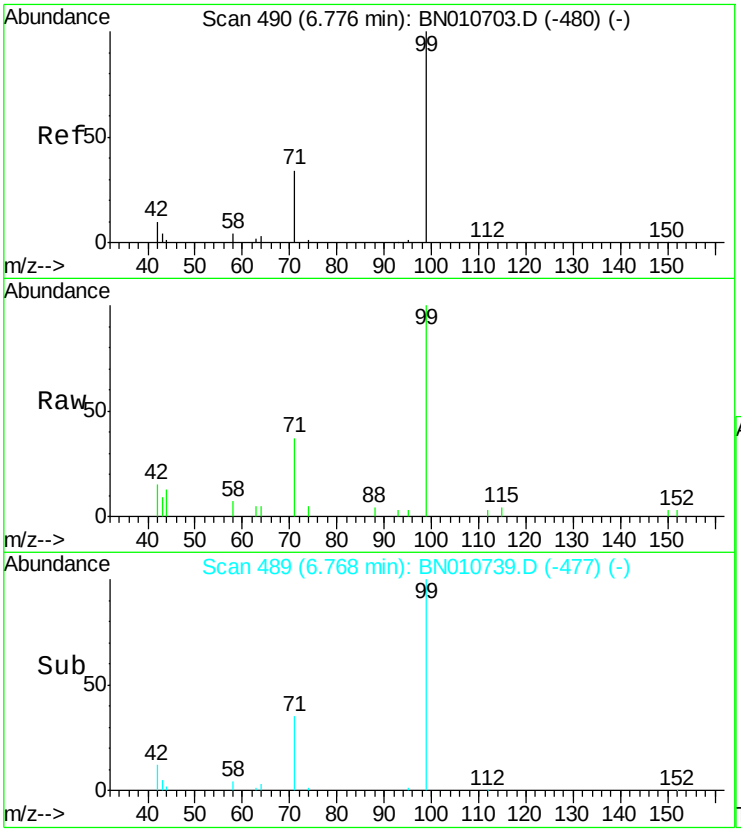


#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.22 min Scan# 297
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:112 Resp: 3049

Ion	Ratio	Lower	Upper
112	100		
64	46.1	36.2	54.4
63	24.4	19.8	29.8



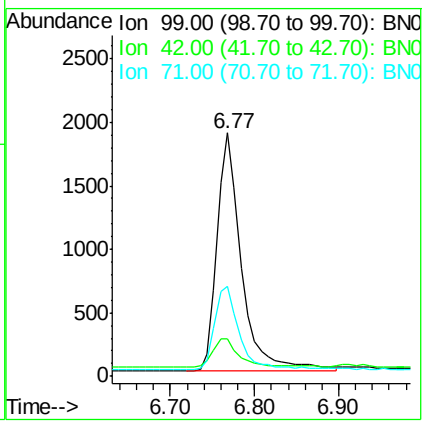


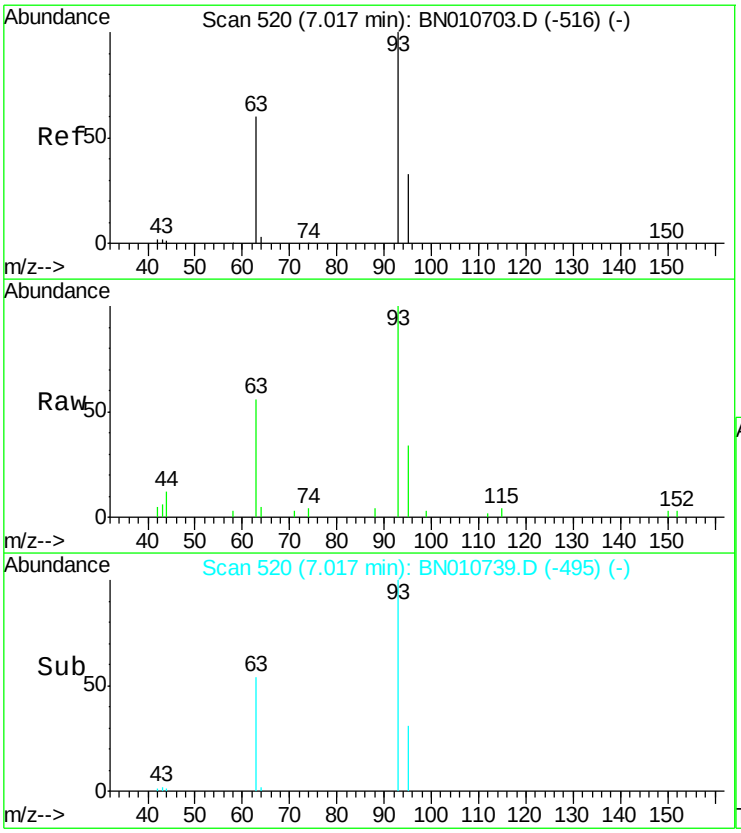
#5
Phenol-d6
Concen: 0.42 ng
RT: 6.77 min Scan# 489
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3717

Ion	Ratio	Lower	Upper
99	100		
42	14.1	9.8	14.8
71	36.0	28.6	42.8

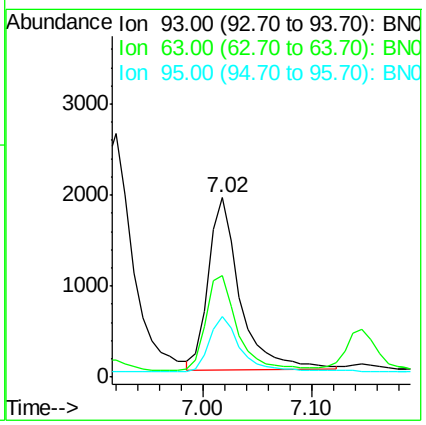


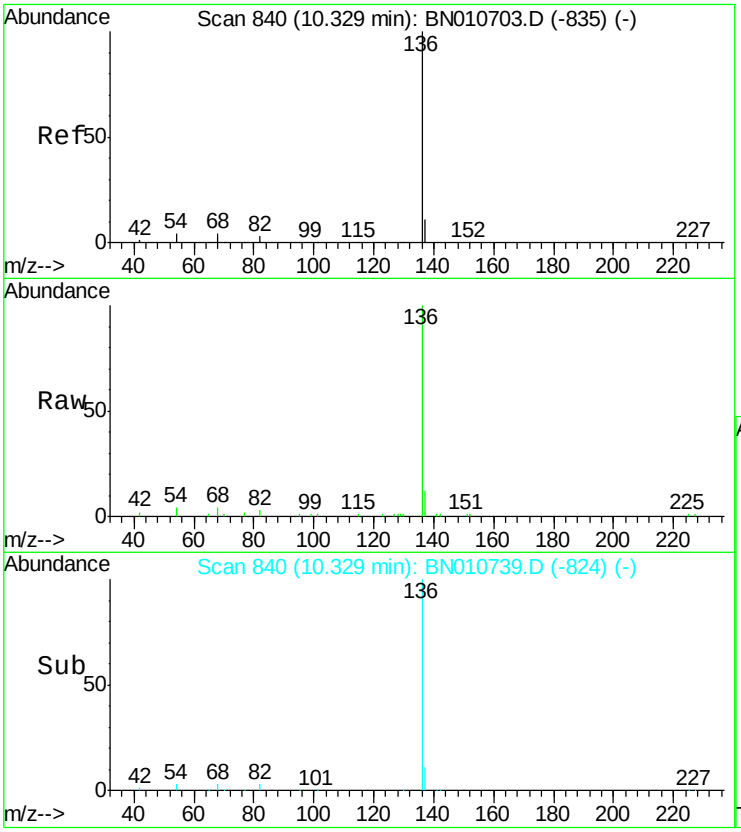


#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion: 93 Resp: 3842

Ion	Ratio	Lower	Upper
93	100		
63	54.2	43.1	64.7
95	31.4	24.6	37.0



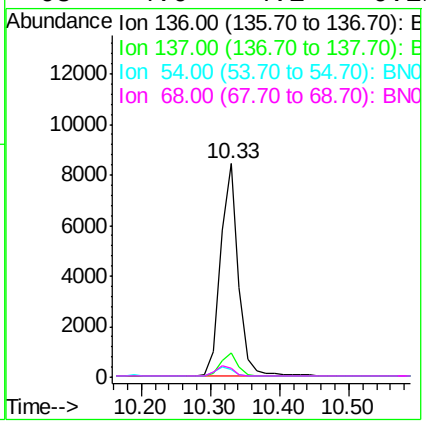


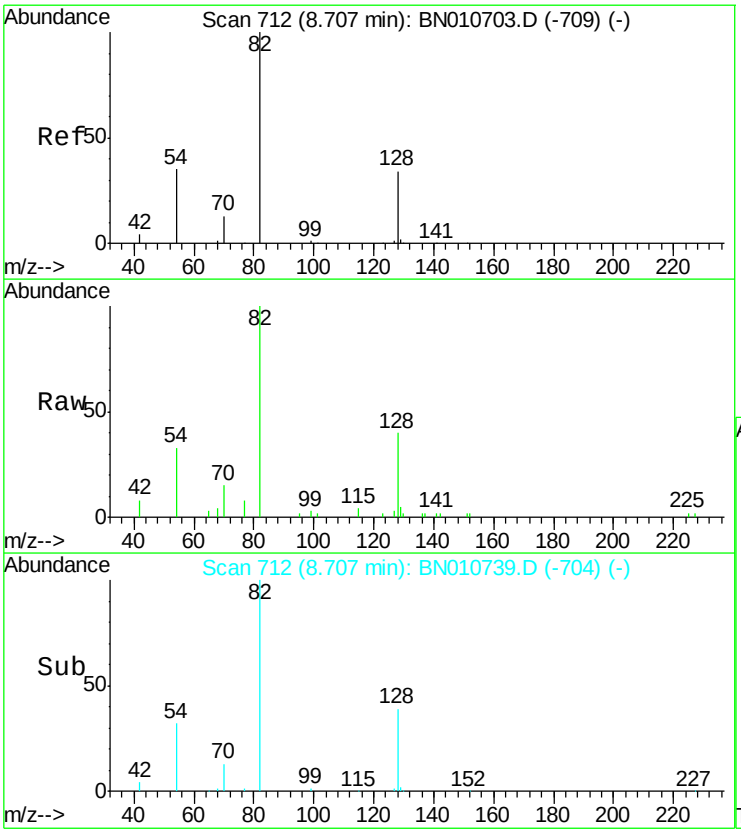
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15201

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	3.6	3.6	5.4#
68	4.0	4.1	6.1#

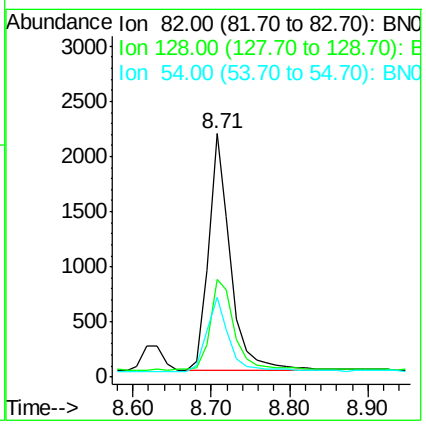


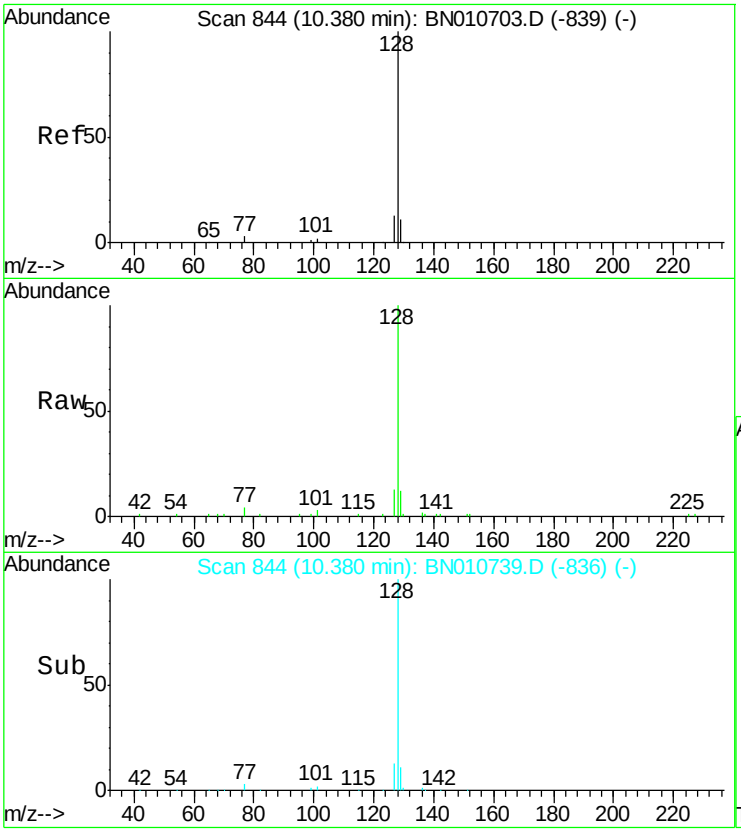


#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.71 min Scan# 712
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion: 82 Resp: 4189

Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.0	43.4
54	33.0	29.3	43.9



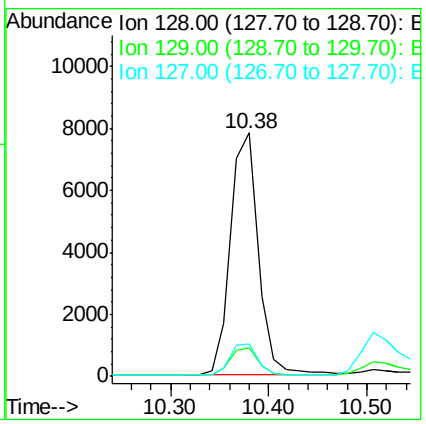


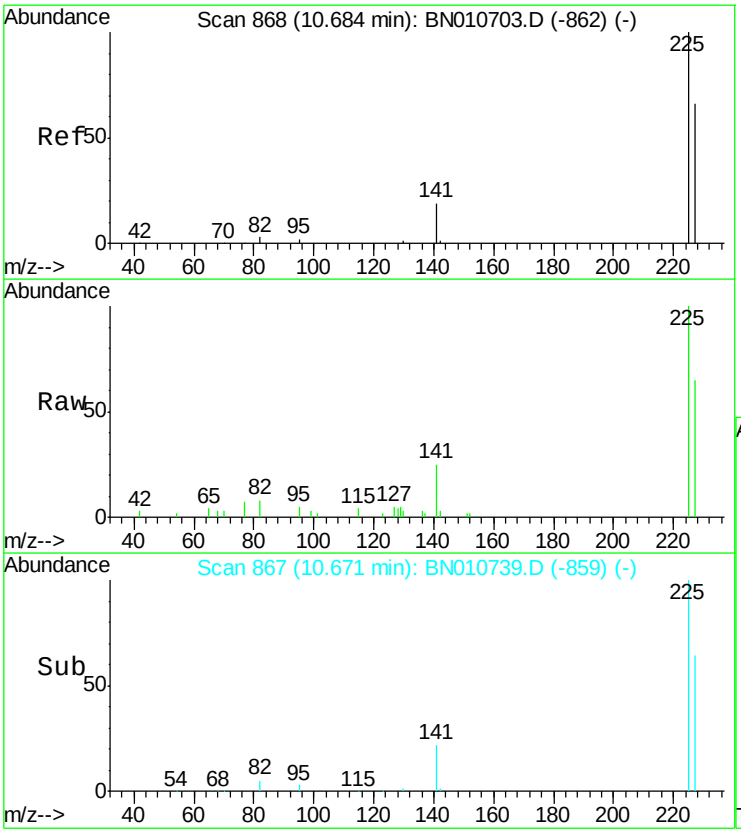
#9
Naphthalene
Concen: 0.40 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 15154

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.1	11.0	16.6

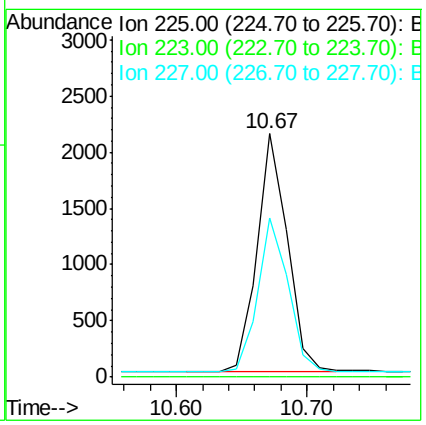


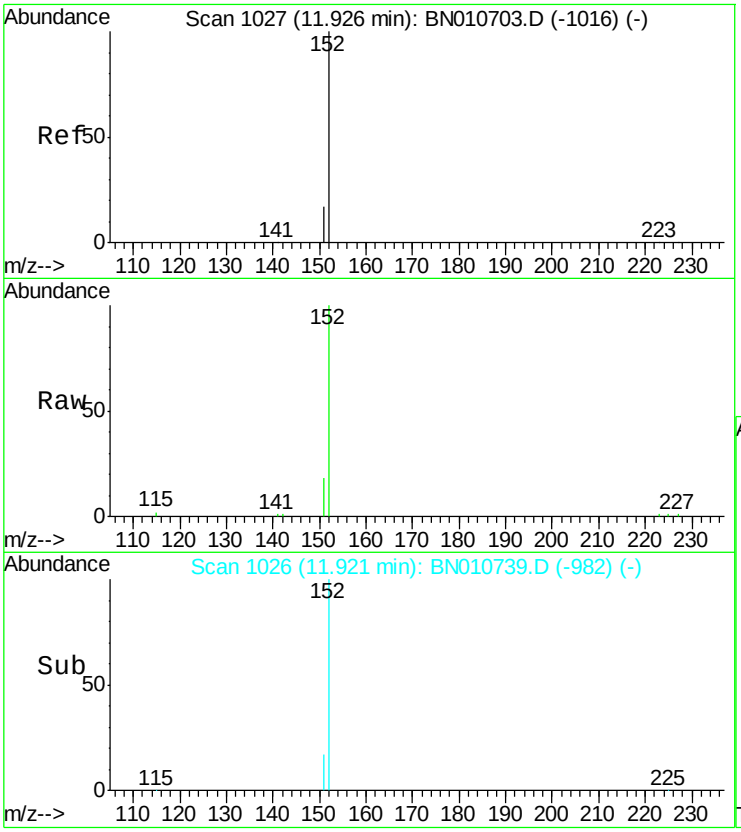


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:225 Resp: 3396

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	50.7	76.1



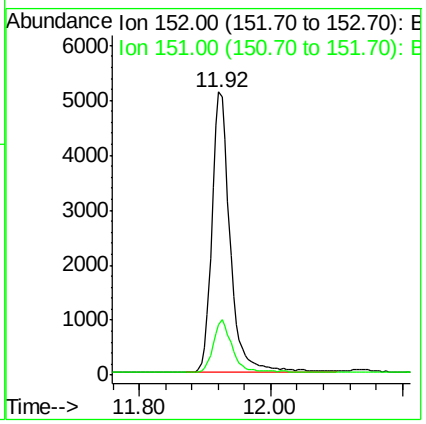


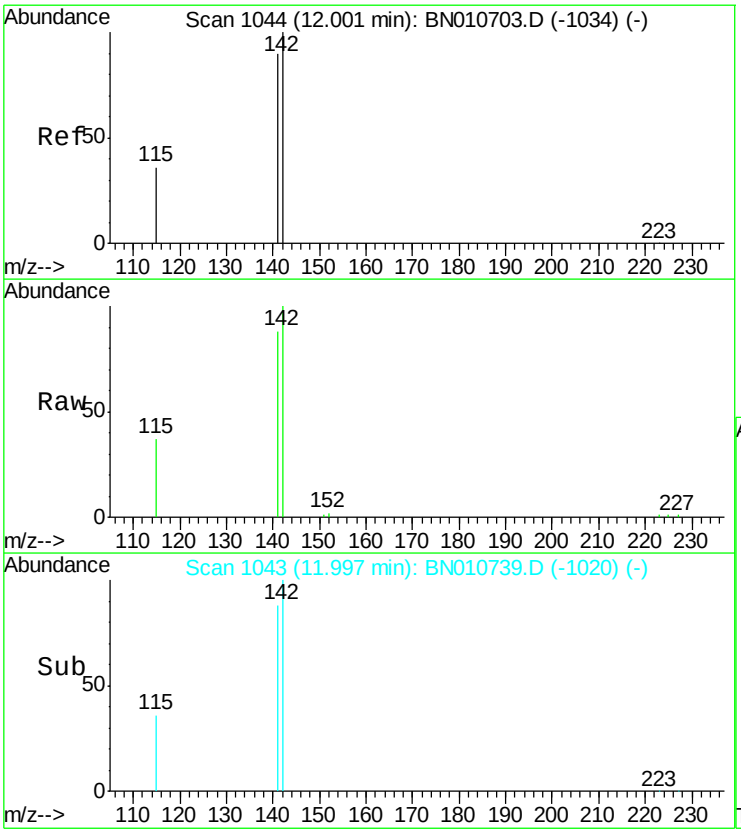
#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 11.92 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9854

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.6

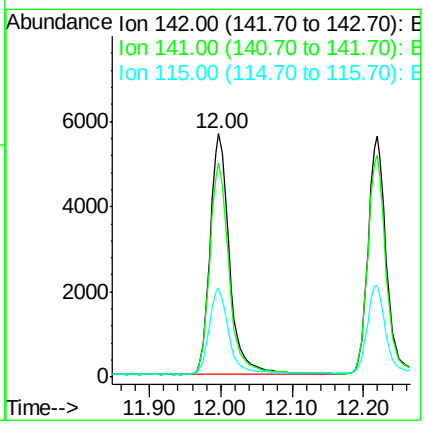


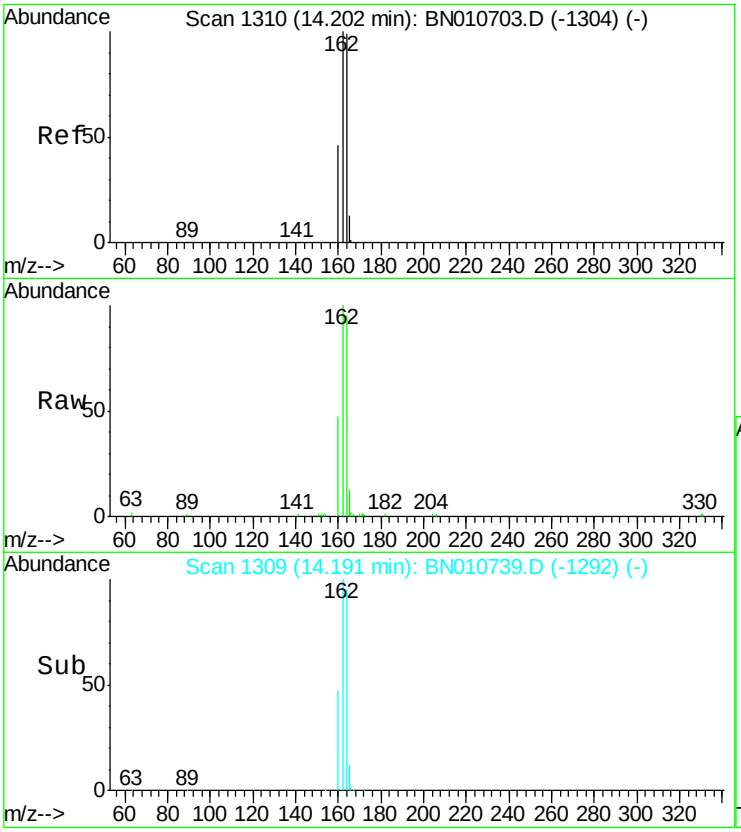


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.00 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:142 Resp: 10792

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	36.5	29.8	44.6



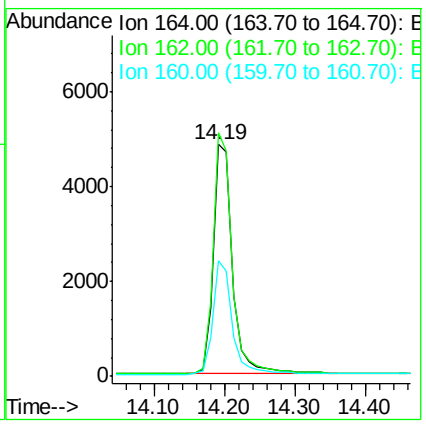


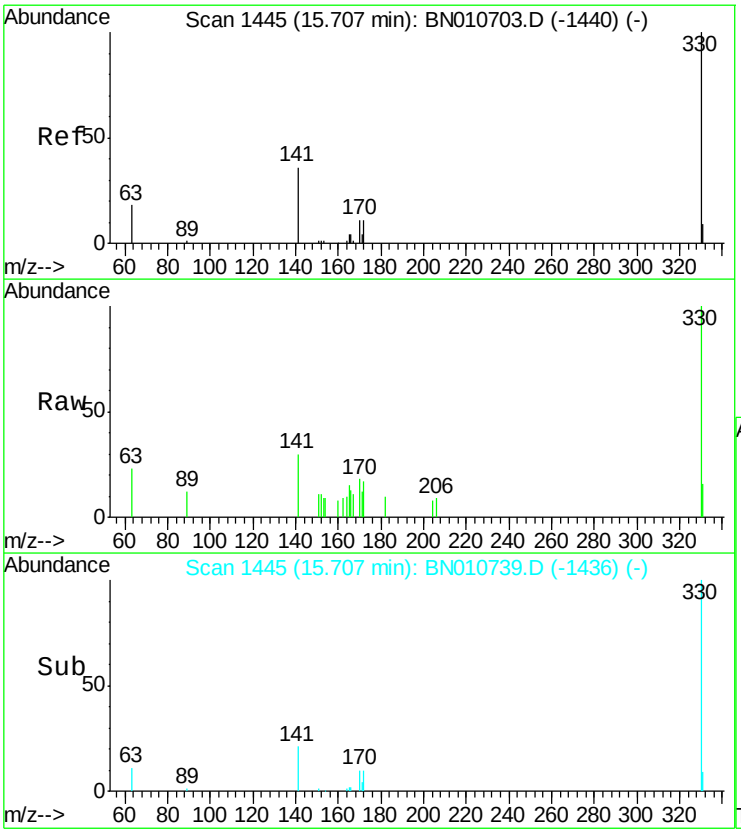
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.19 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9382

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.1	121.7
160	49.6	37.9	56.9

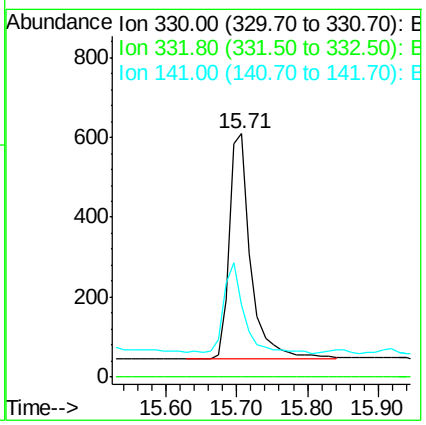


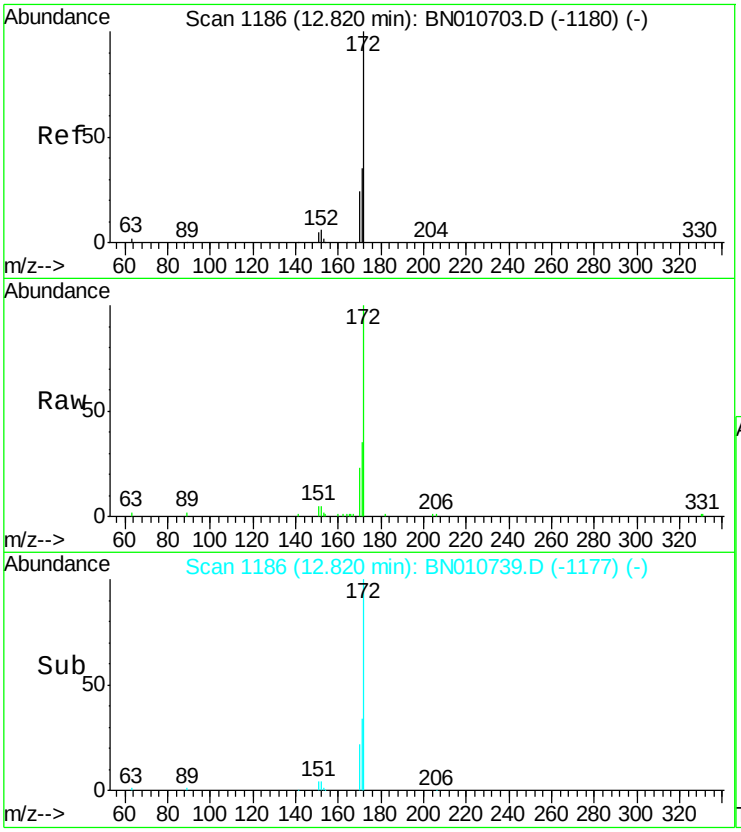


#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:330 Resp: 1216

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.5	28.8	43.2



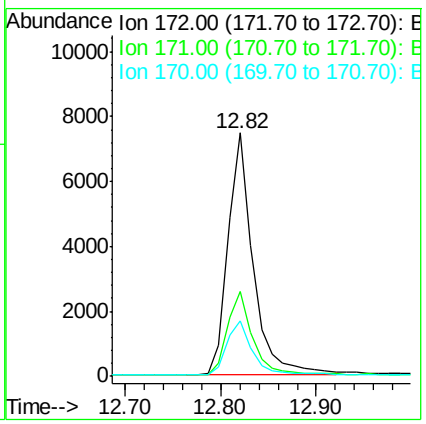


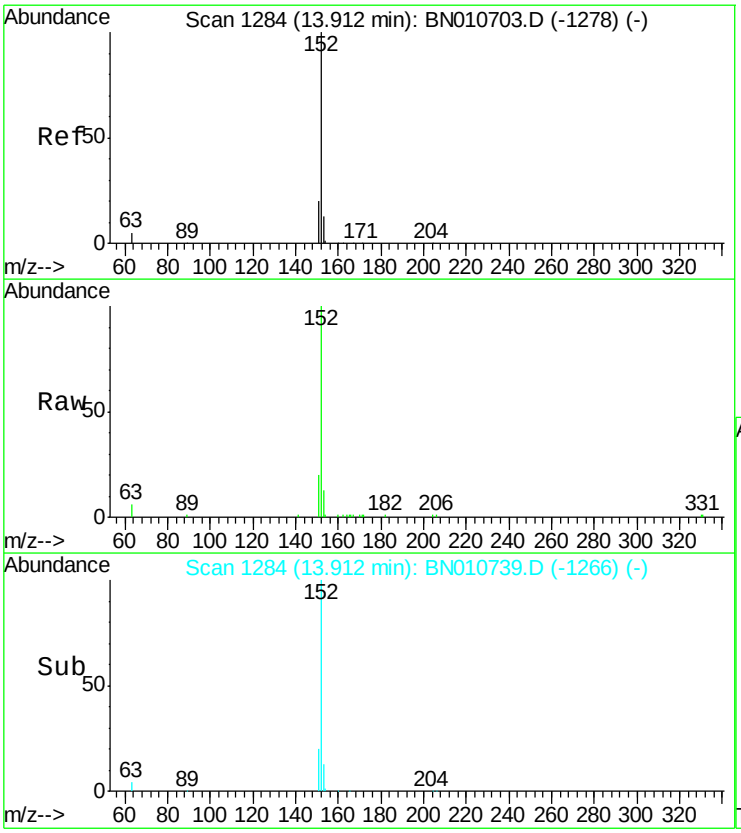
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13658

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	22.6	19.8	29.8

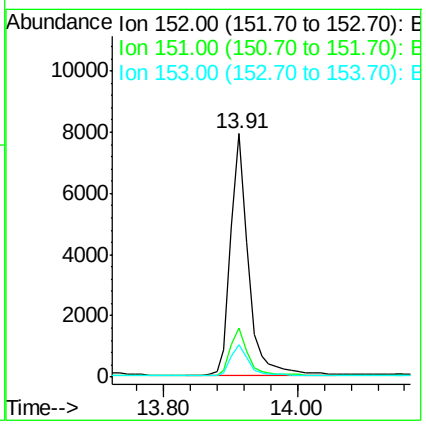


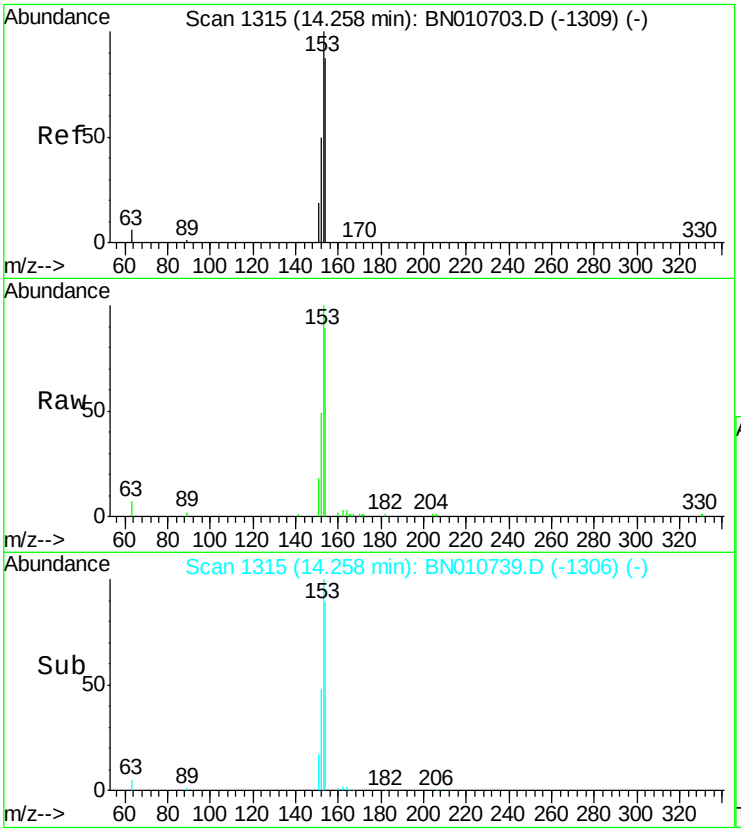


#16
Acenaphthylene
Concen: 0.38 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:152 Resp: 14439

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.4	15.6



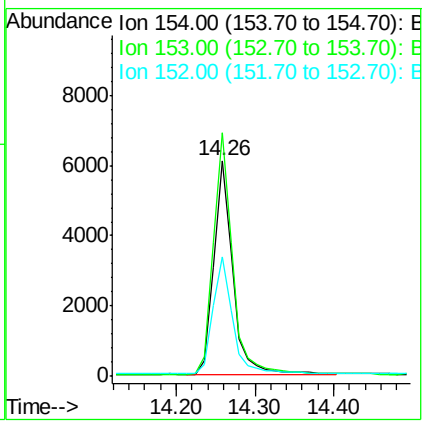


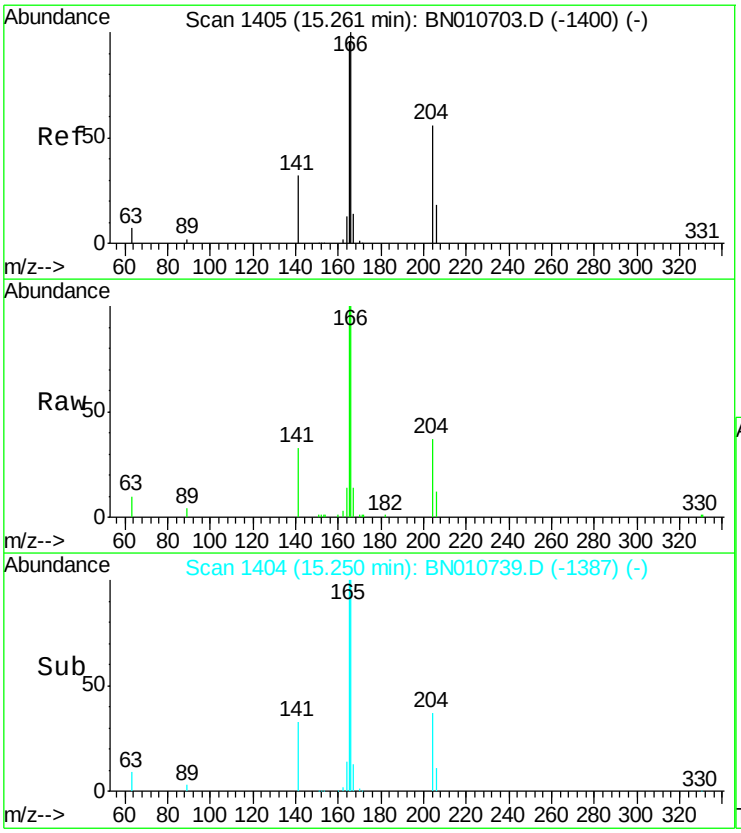
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.26 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10186

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.5	137.3
152	56.5	45.6	68.4

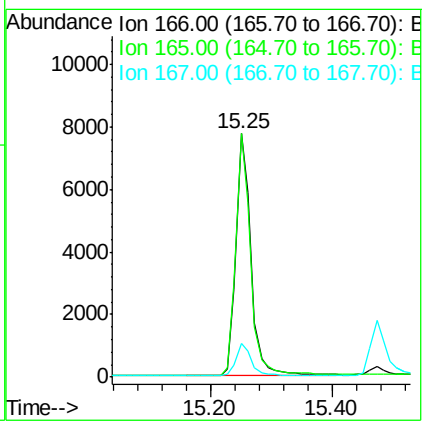


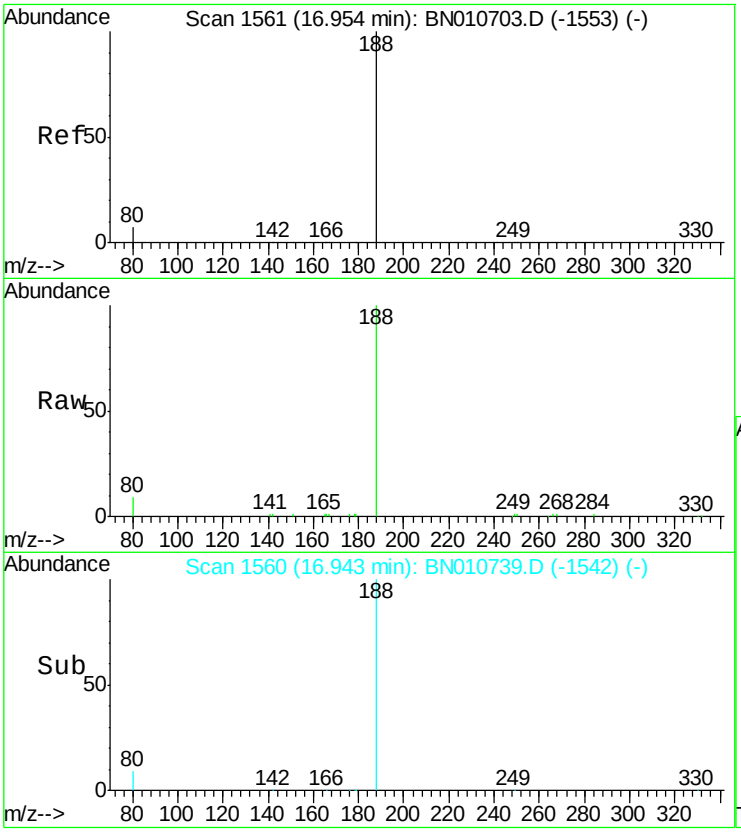


#18
Fluorene
Concen: 0.39 ng
RT: 15.25 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:166 Resp: 13179

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.9	116.9
167	13.3	11.0	16.4



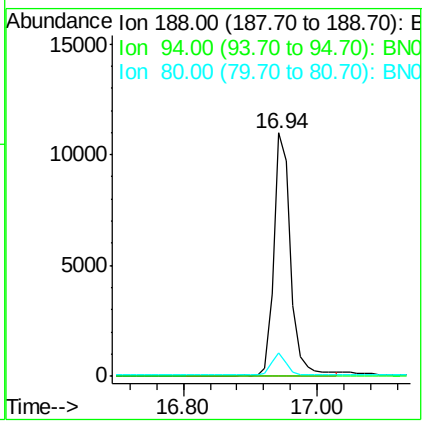


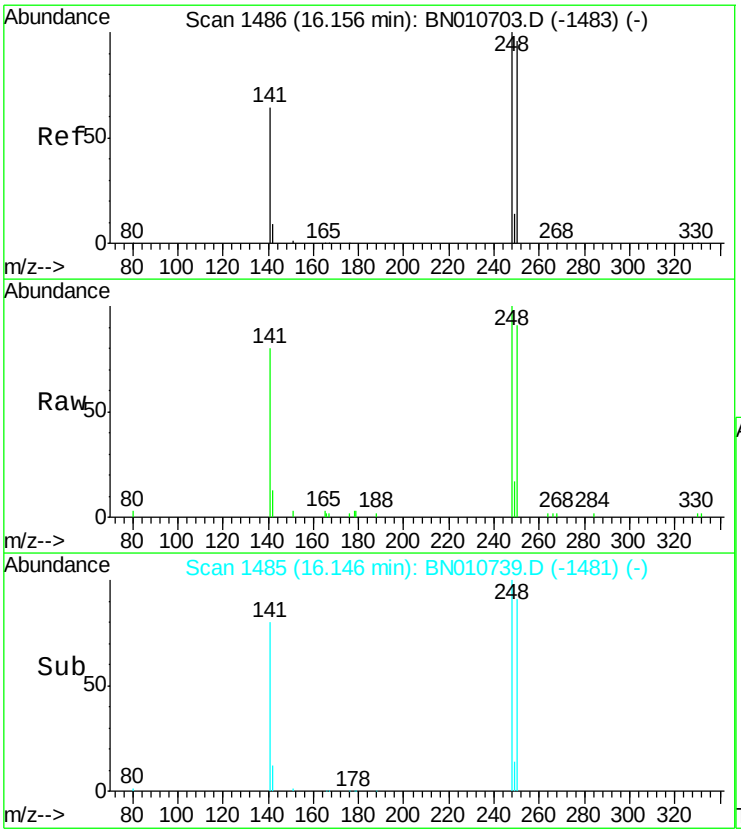
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 18894

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	6.3	9.5

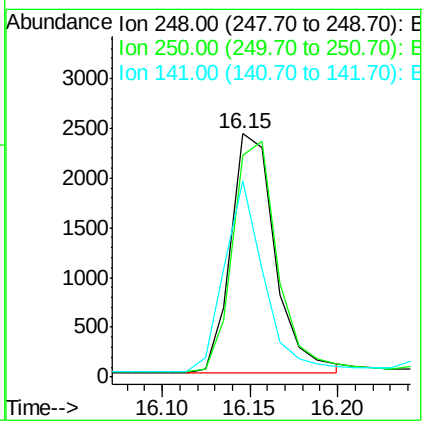


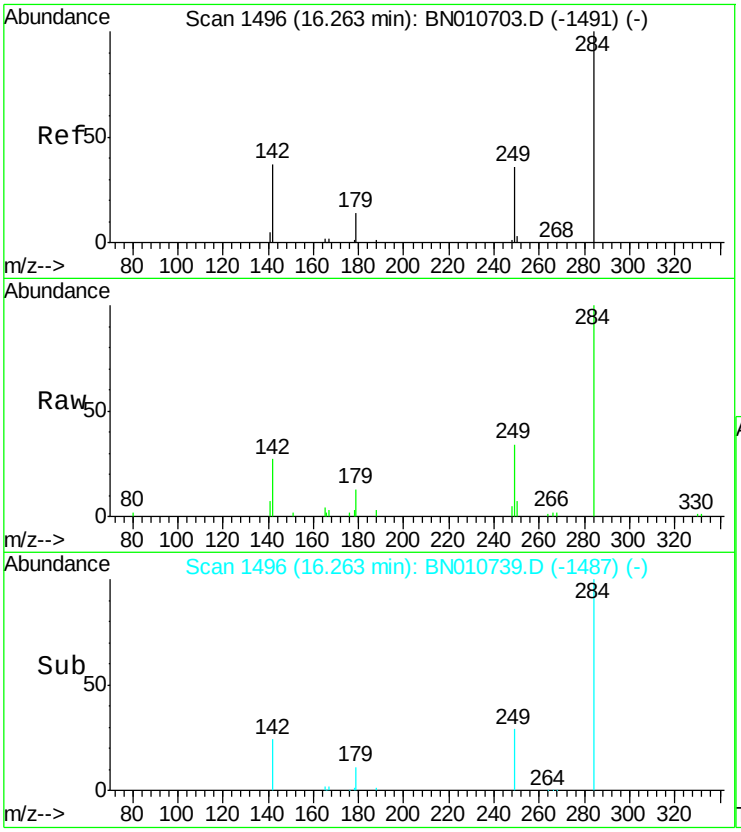


#20
4-Bromophenyl-phenylether
Concen: 0.40 ng
RT: 16.15 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:248 Resp: 4203

Ion	Ratio	Lower	Upper
248	100		
250	91.3	77.4	116.0
141	80.4	53.1	79.7#



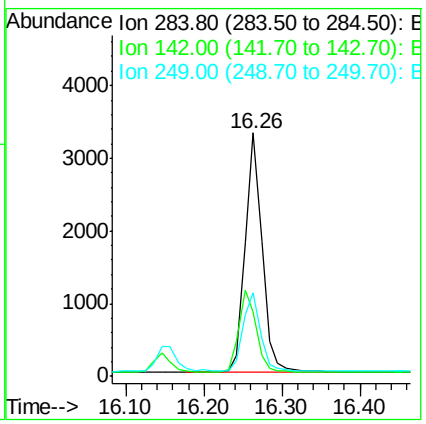


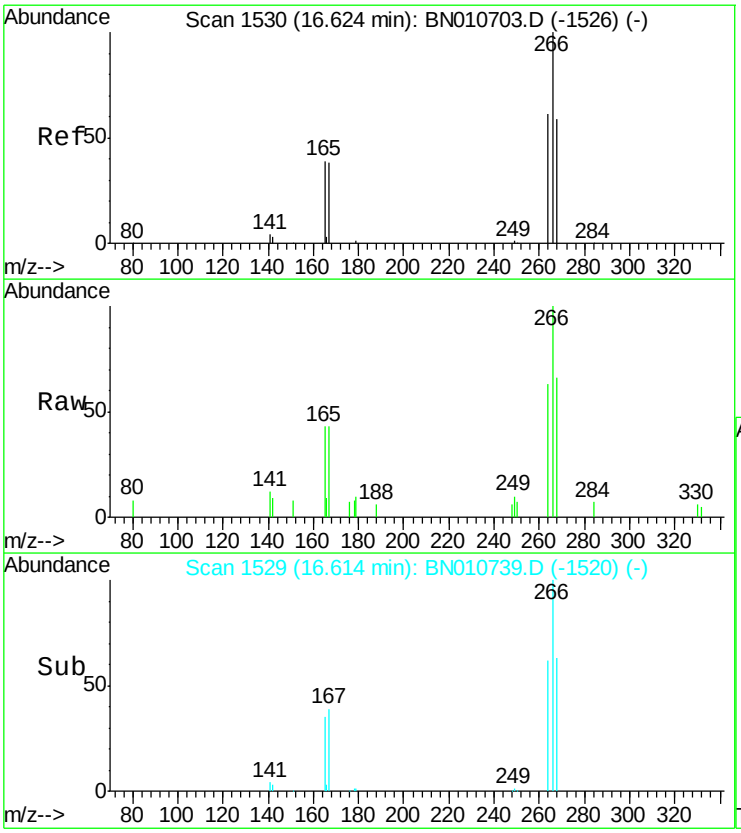
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.26 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4996

Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.2	42.2
249	33.8	26.4	39.6

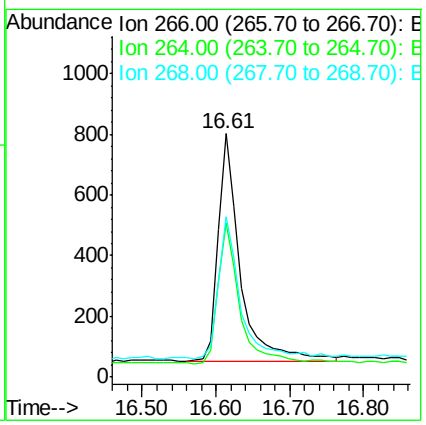


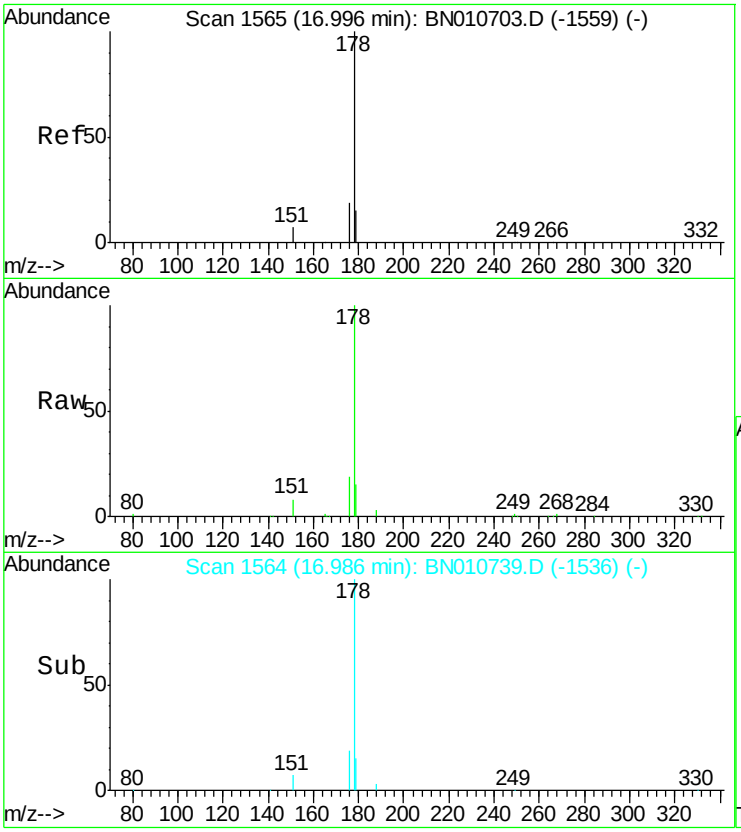


#22
Pentachlorophenol
Concen: 0.41 ng
RT: 16.61 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:266 Resp: 1569

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.1	76.7
268	66.0	52.1	78.1



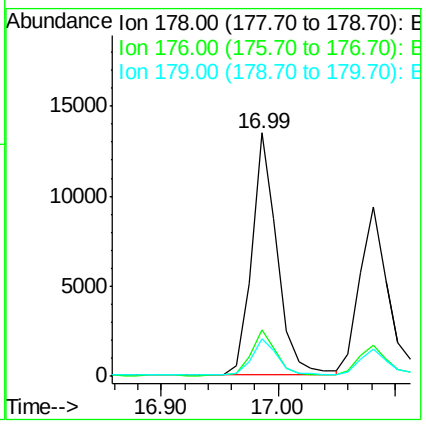


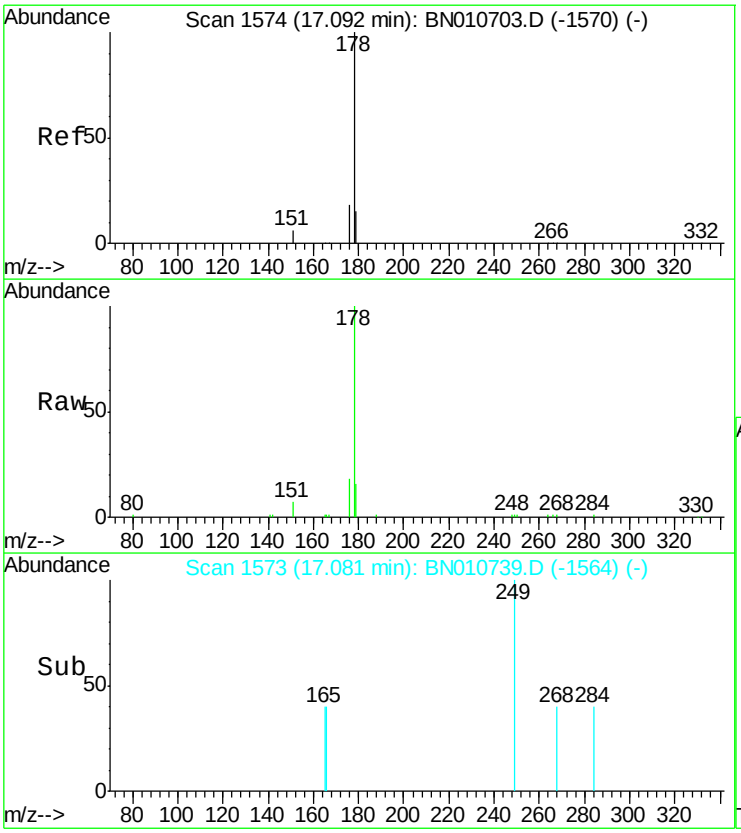
#23
Phenanthrene
Concen: 0.40 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 20256

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.2	18.4

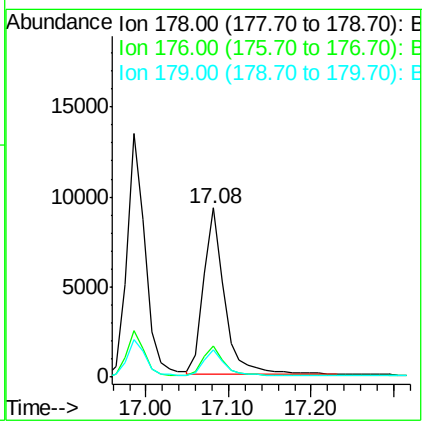


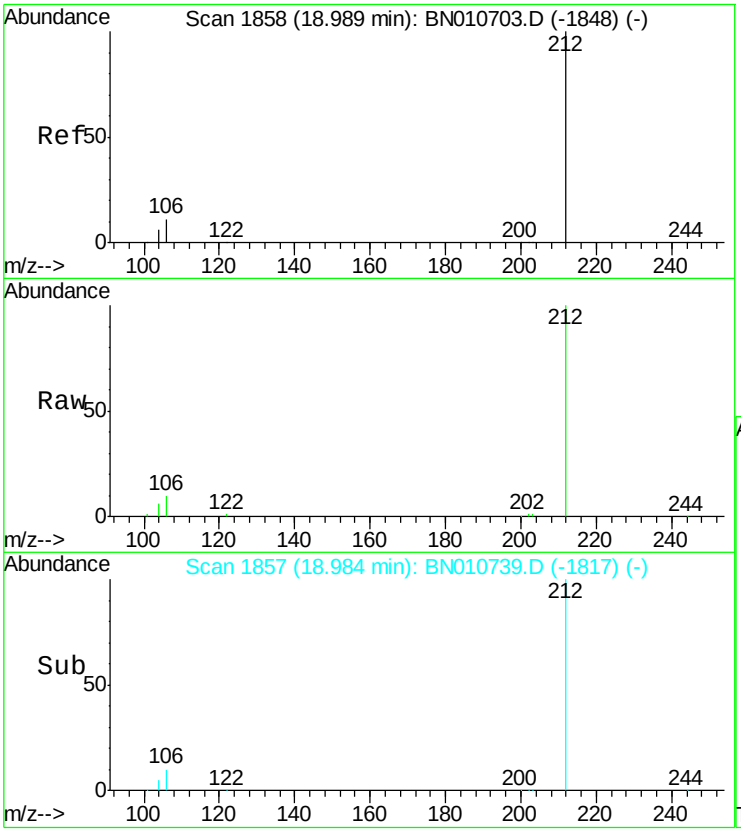


#24
Anthracene
Concen: 0.38 ng
RT: 17.08 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:178 Resp: 15970

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.6	12.3	18.5



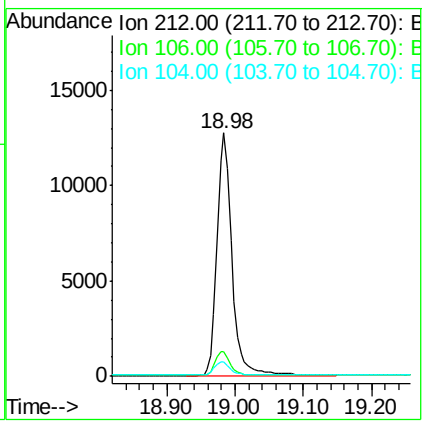


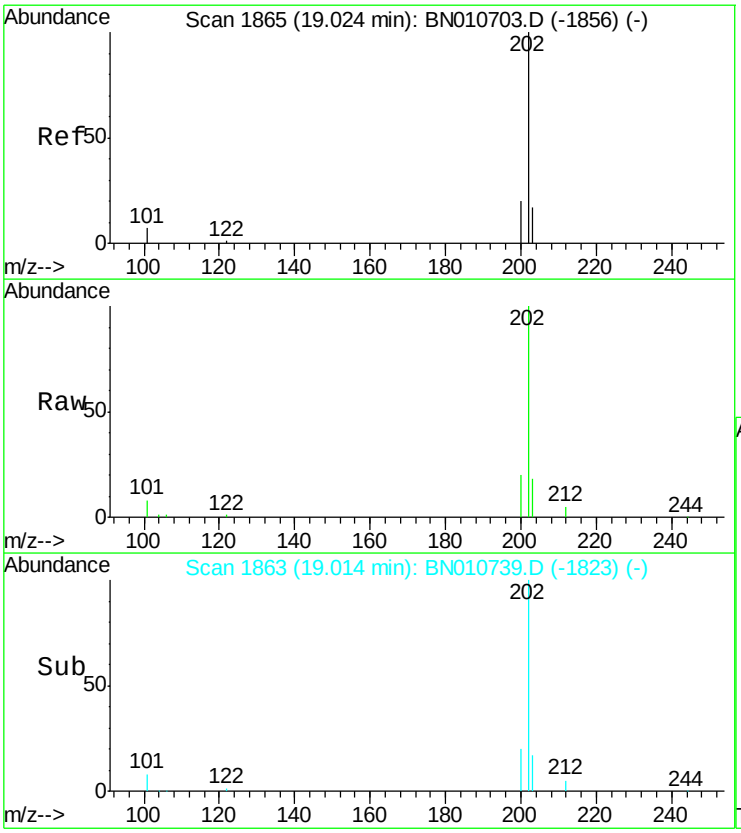
#25
Fluoranthene-d10
Concen: 0.38 ng
RT: 18.98 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 19285

Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.2	12.2
104	5.6	4.7	7.1

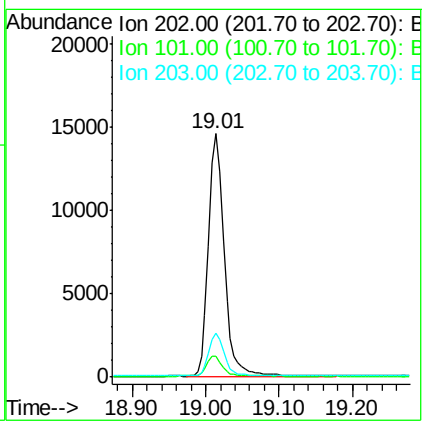


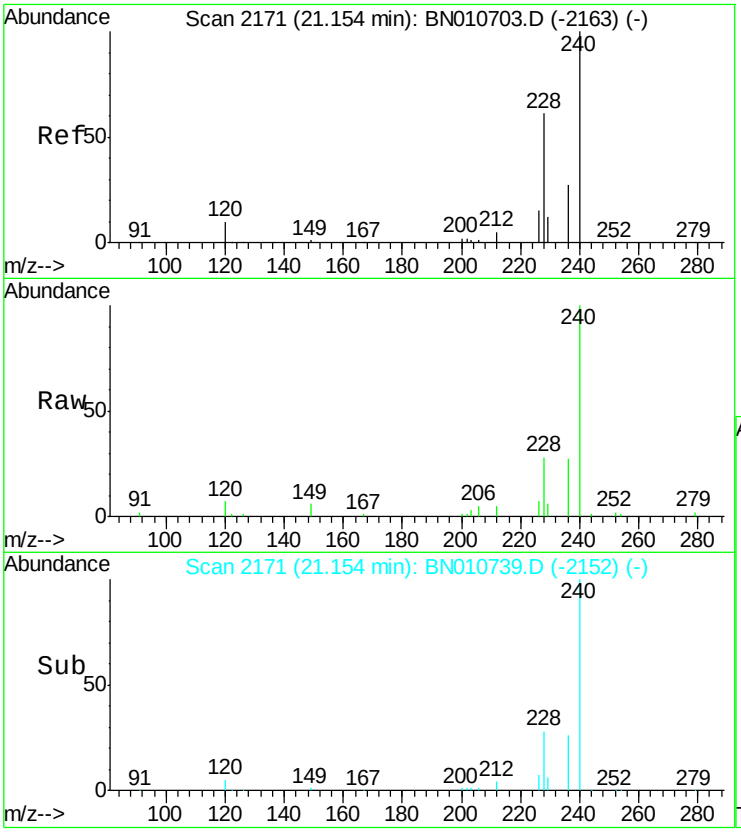


#26
Fluoranthene
Concen: 0.38 ng
RT: 19.01 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:202 Resp: 21627

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.7	10.1
203	17.1	13.4	20.0



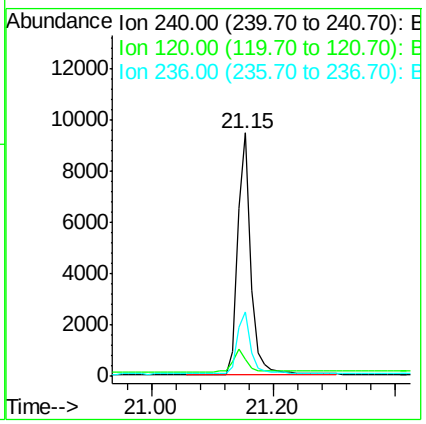


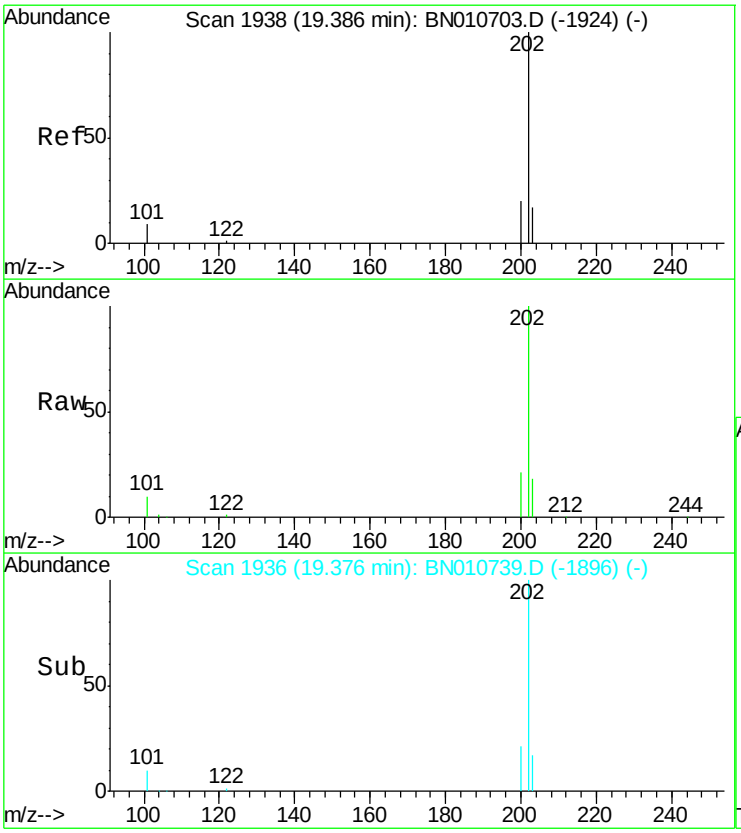
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 14306

Ion	Ratio	Lower	Upper
240	100		
120	6.8	9.5	14.3#
236	26.6	22.5	33.7

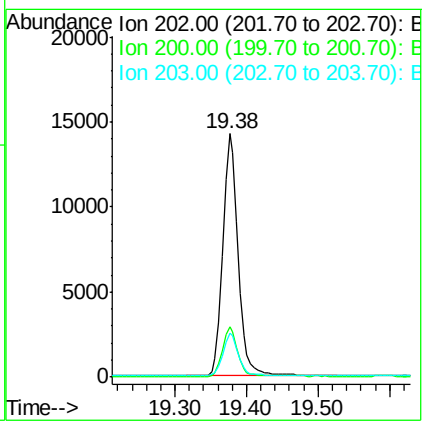


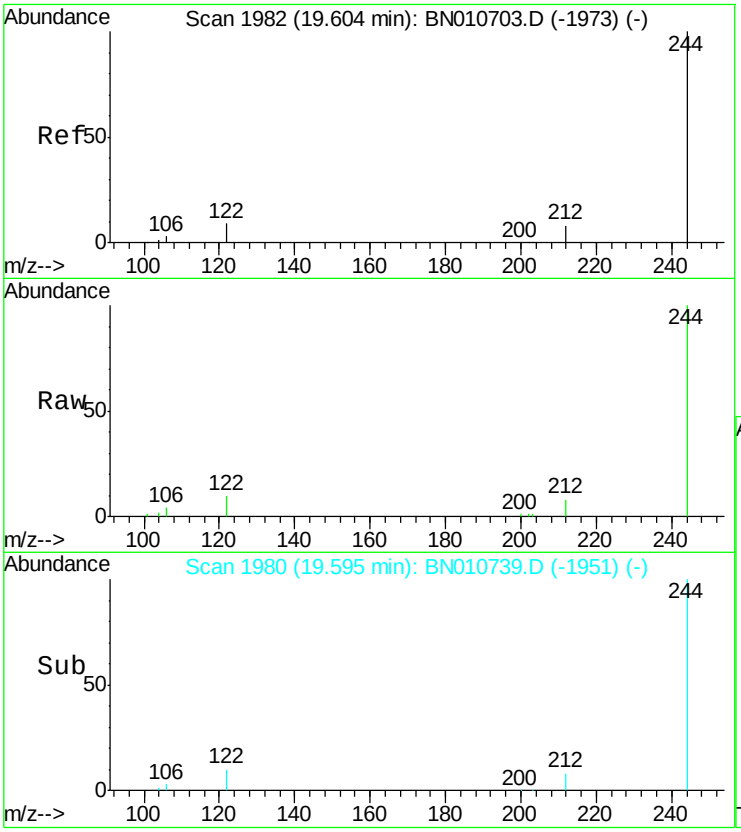


#28
Pyrene
Concen: 0.41 ng
RT: 19.38 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:202 Resp: 21240

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.4	14.1	21.1



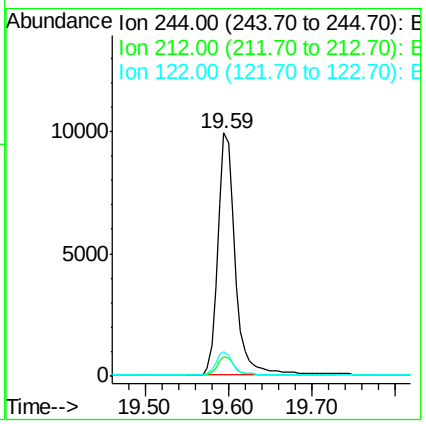


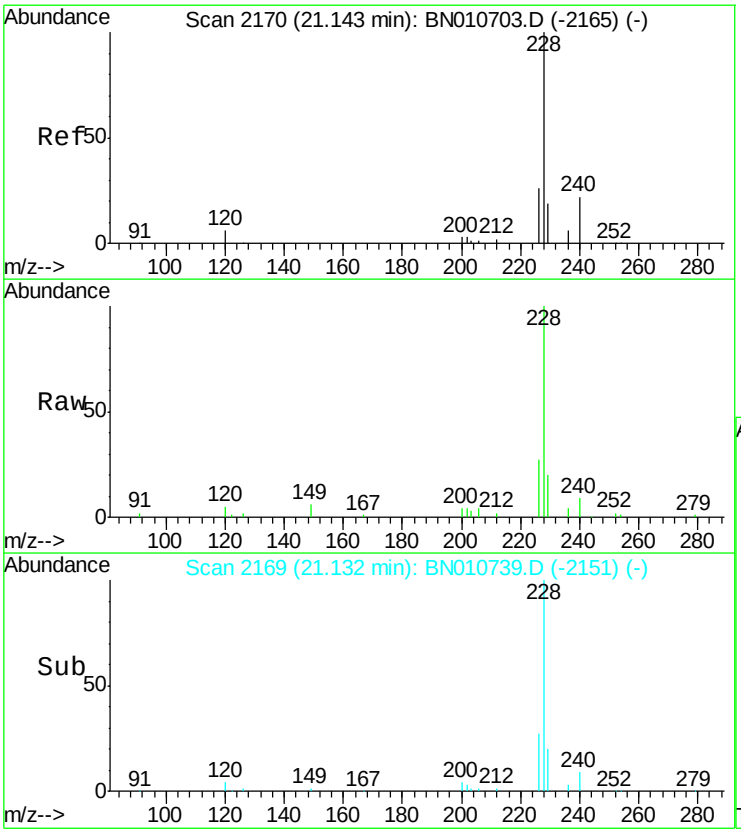
#29
Terphenyl-d14
Concen: 0.42 ng
RT: 19.59 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 14373

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.8	10.2
122	10.1	8.1	12.1

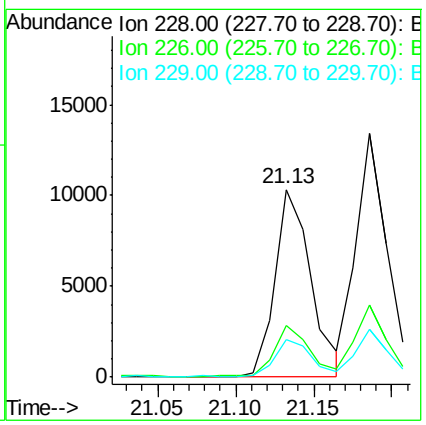


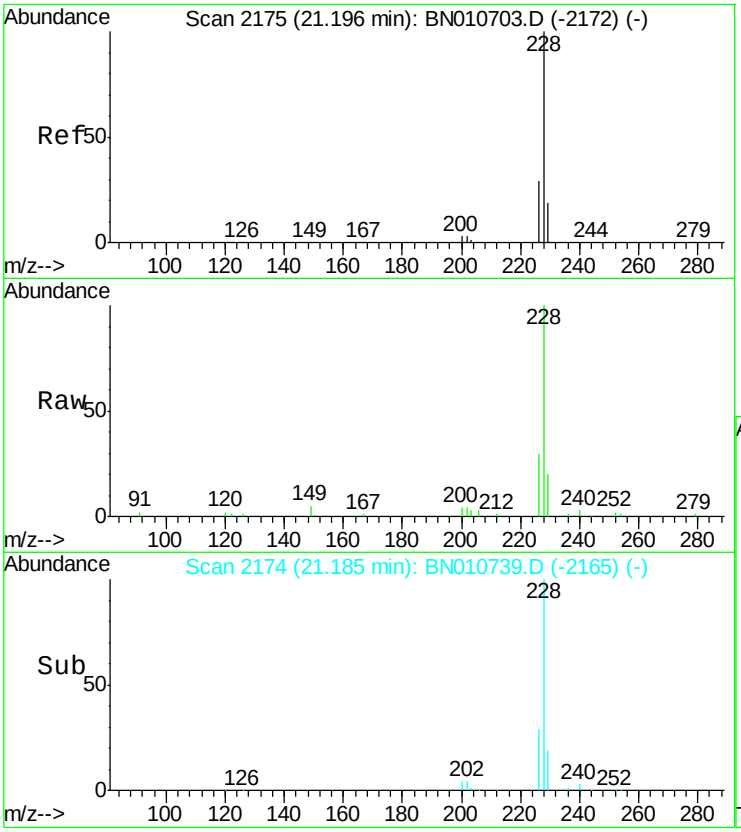


#30
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:228 Resp: 16319

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.3	31.9
229	20.0	16.0	24.0



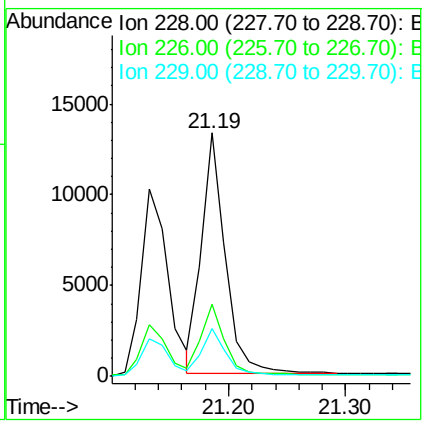


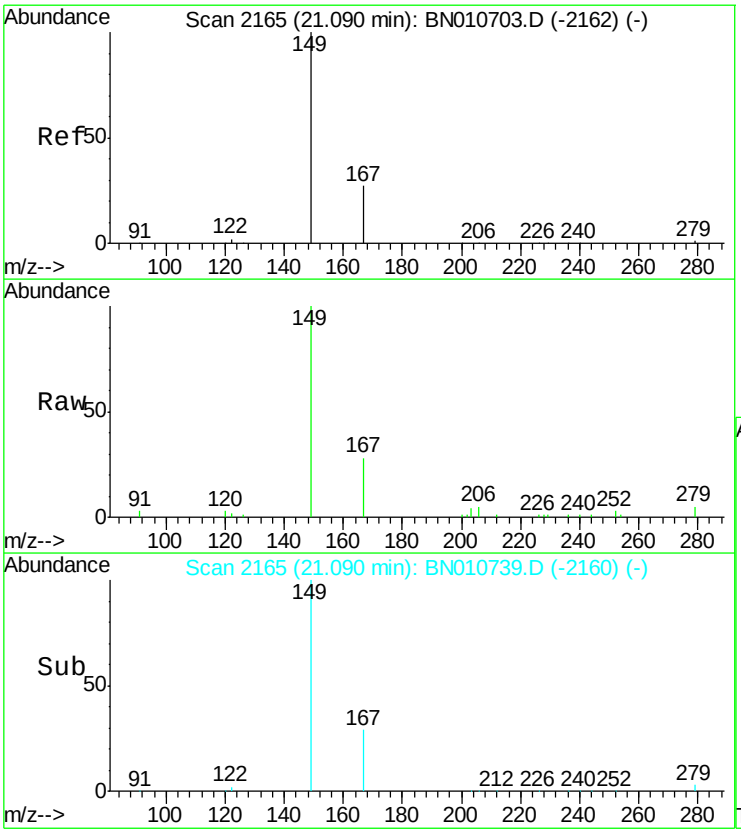
#31
Chrysene
Concen: 0.40 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 18666

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	19.5	16.1	24.1

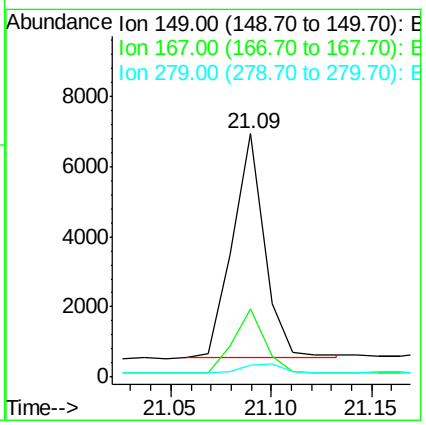


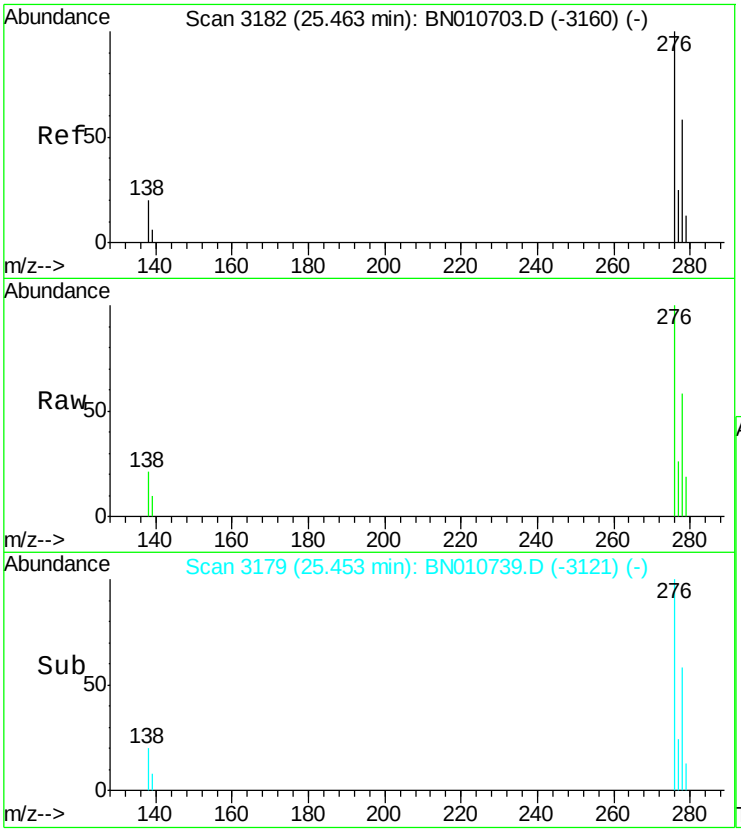


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.09 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:149 Resp: 7180

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	5.1	4.1	6.1



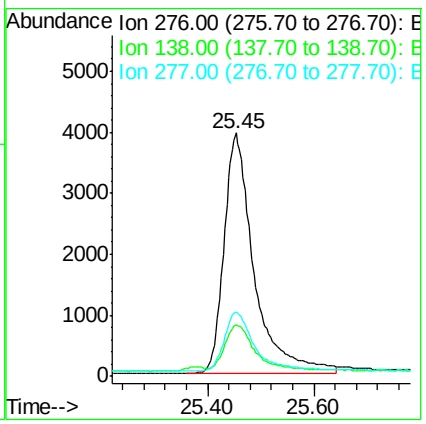


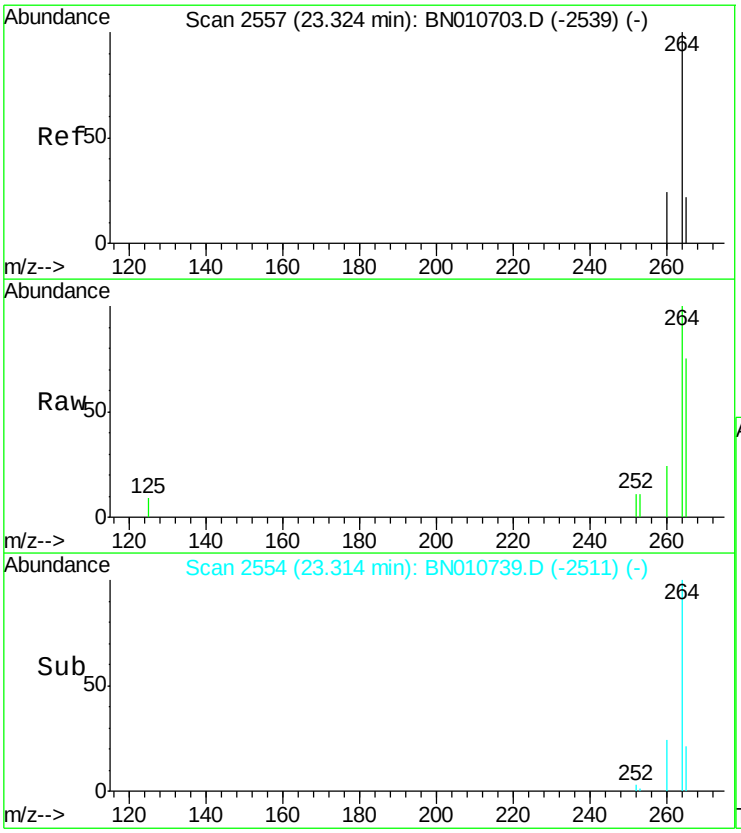
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 25.45 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 15445

Ion	Ratio	Lower	Upper
276	100		
138	18.1	15.1	22.7
277	24.9	19.4	29.0

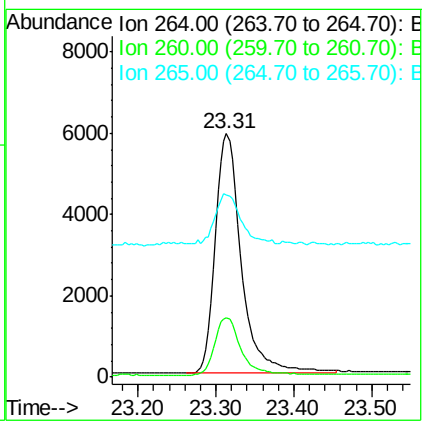


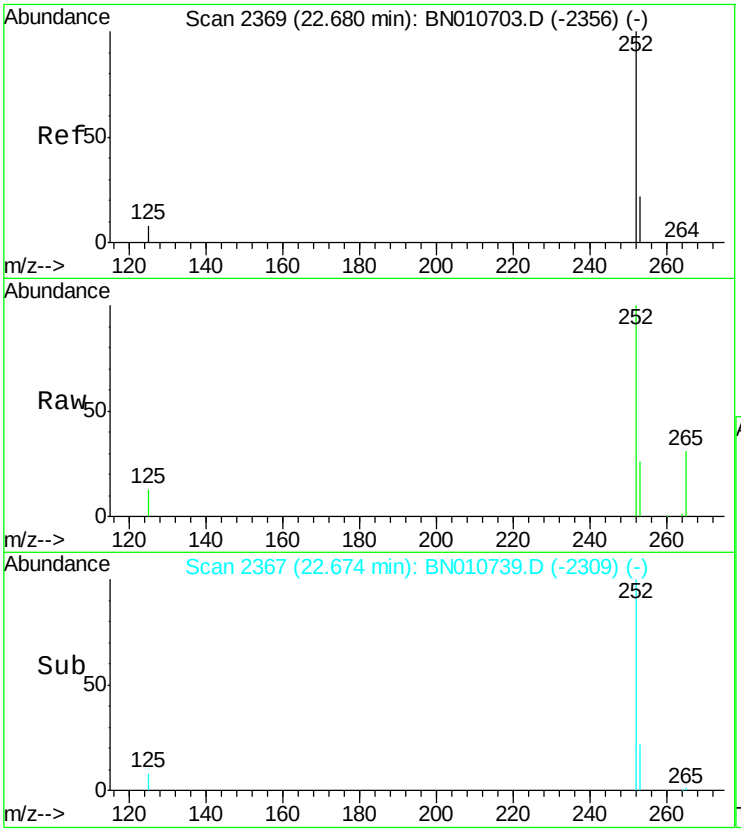


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.31 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:264 Resp: 13704

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	74.8	70.1	105.1



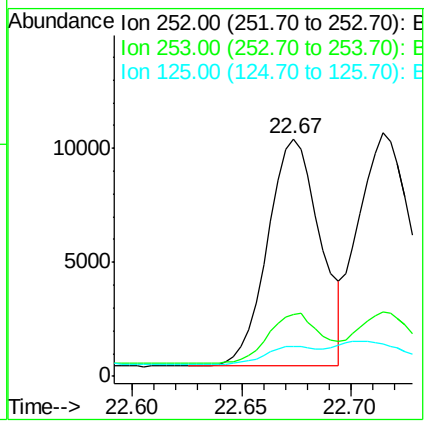


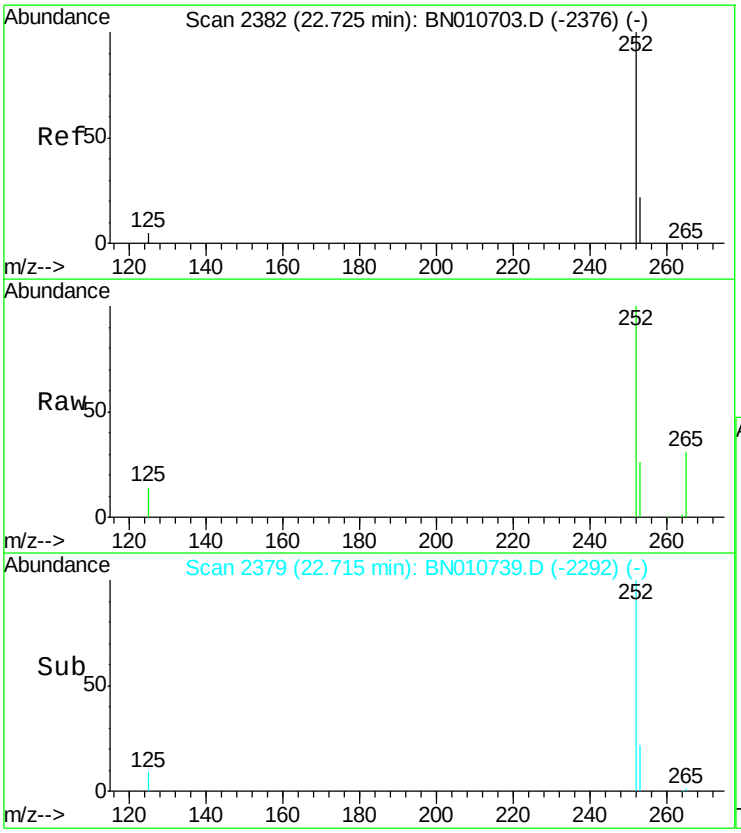
#35
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 22.67 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 16805

Ion	Ratio	Lower	Upper
252	100		
253	26.2	22.0	33.0
125	12.5	10.8	16.2

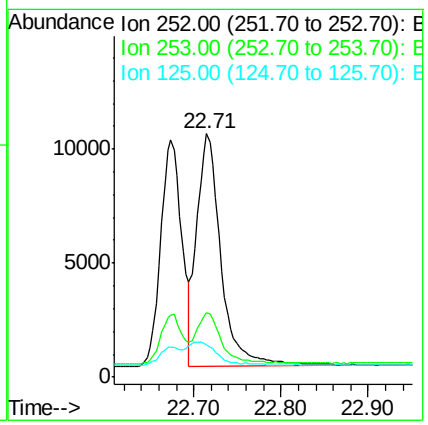


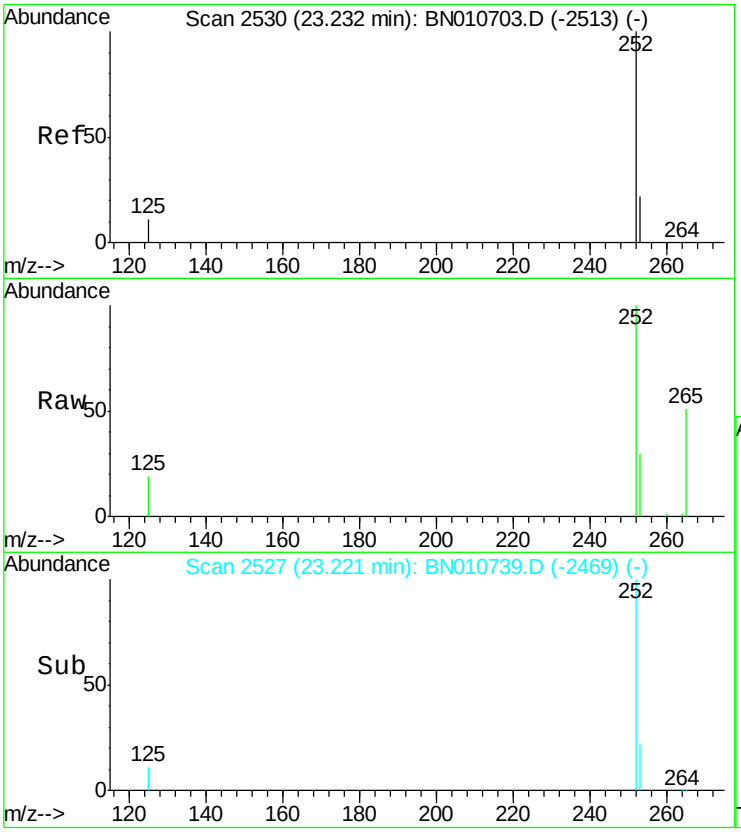


#36
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:252 Resp: 19539

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.9	32.9
125	13.5	11.1	16.7



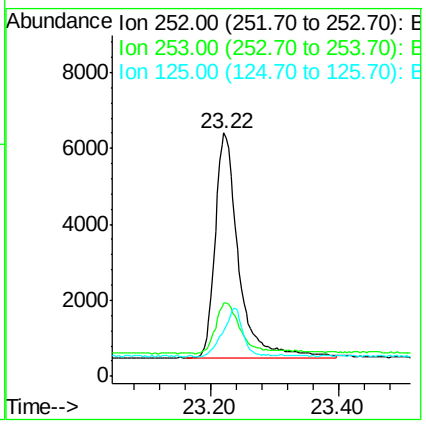


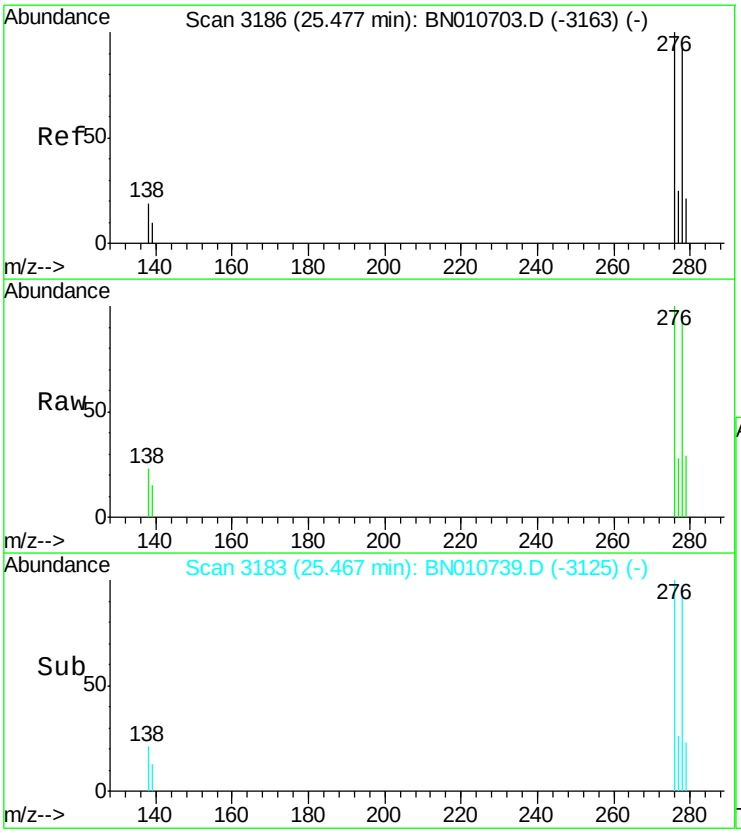
#37
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.22 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15177

Ion	Ratio	Lower	Upper
252	100		
253	30.3	24.8	37.2
125	18.6	15.8	23.6

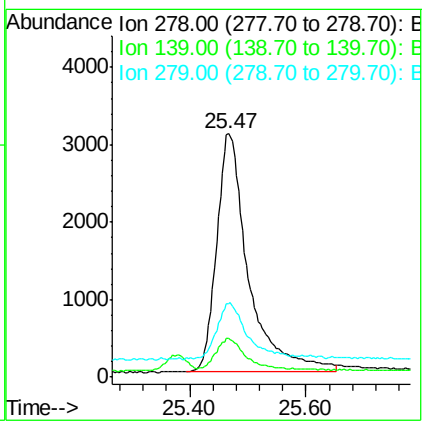


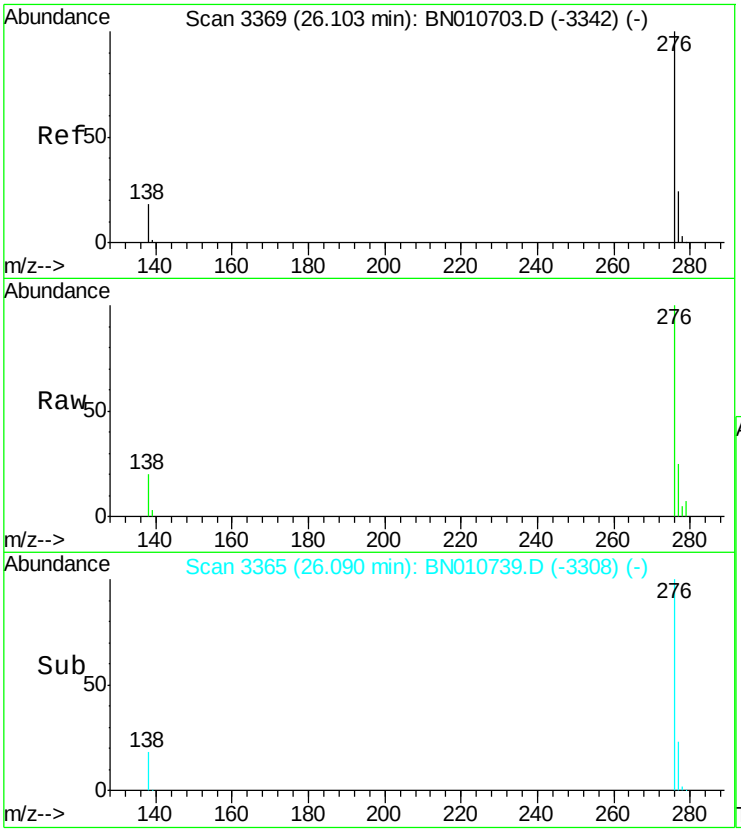


#38
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 25.47 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Tgt Ion:278 Resp: 11702

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.0	19.4
279	30.2	25.1	37.7





#39
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 26.09 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BN010739.D
Acq: 21 May 2020 22:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 13780

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.6	30.8
138	19.8	16.0	24.0