Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051320\
Data File : BN010701.D
Acq On : 13 May 2020 10:10
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: May 13 13:25:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3658	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	14501	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	8710	0.40	ng		0.01
19) Phenanthrene-d10	16.96	188	18212	0.40	ng		0.01
27) Chrysene-d12	21.16	240	13465	0.40	ng		0.01
34) Perylene-d12	23.32	264	12746	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	718	0.09	ng		0.00
5) Phenol-d6	6.78	99	788	0.08	ng		0.00
8) Nitrobenzene-d5	8.72	82	917	0.09	ng		0.01
11) 2-Methylnaphthalene-d10	11.94	152	2220	0.09	ng		0.01
14) 2,4,6-Tribromophenol	15.73	330	240	0.06	ng		0.02
15) 2-Fluorobiphenyl	12.84	172	2998	0.09	ng		0.02
25) Fluoranthene-d10	19.00	212	4516	0.08	ng		0.00
29) Terphenyl-d14	19.61	244	3213	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	330	0.123	ng	#	95
3) n-Nitrosodimethylamine	3.59	42	61	0.035	ng	#	1
6) bis(2-Chloroethyl)ether	7.02	93	953	0.105	ng		98
9) Naphthalene	10.38	128	3548	0.099	ng		95
10) Hexachlorobutadiene	10.68	225	852	0.098	ng	#	99
12) 2-Methylnaphthalene	12.01	142	2360	0.091	ng		96
16) Acenaphthylene	13.92	152	3162	0.084	ng		99
17) Acenaphthene	14.27	154	2296	0.095	ng		98
18) Fluorene	15.27	166	2936	0.093	ng		98
20) 4-Bromophenyl-phenylether	16.18	248	857	0.085	ng		96
21) Hexachlorobenzene	16.27	284	1220	0.106	ng		97
22) Pentachlorophenol	16.65	266	364	0.080	ng	#	87
23) Phenanthrene	17.01	178	4533	0.092	ng		99
24) Anthracene	17.10	178	3408	0.076	ng		97
26) Fluoranthene	19.03	202	4982	0.081	ng		99
28) Pyrene	19.39	202	4972	0.110	ng		100
30) Benzo(a)anthracene	21.14	228	3776	0.086	ng		97
31) Chrysene	21.20	228	4517	0.103	ng		97
32) Bis(2-ethylhexyl)phthalate	21.09	149	1697	0.075	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.48	276	4025	0.104	ng		99
35) Benzo(b)fluoranthene	22.69	252	4038	0.096	ng	#	71
36) Benzo(k)fluoranthene	22.73	252	4669	0.111	ng	#	71
37) Benzo(a)pyrene	23.24	252	3490	0.094	ng	#	57
38) Dibenzo(a,h)anthracene	25.49	278	3015	0.089	ng	#	73
39) Benzo(g,h,i)perylene	26.11	276	3849	0.113	ng	#	90

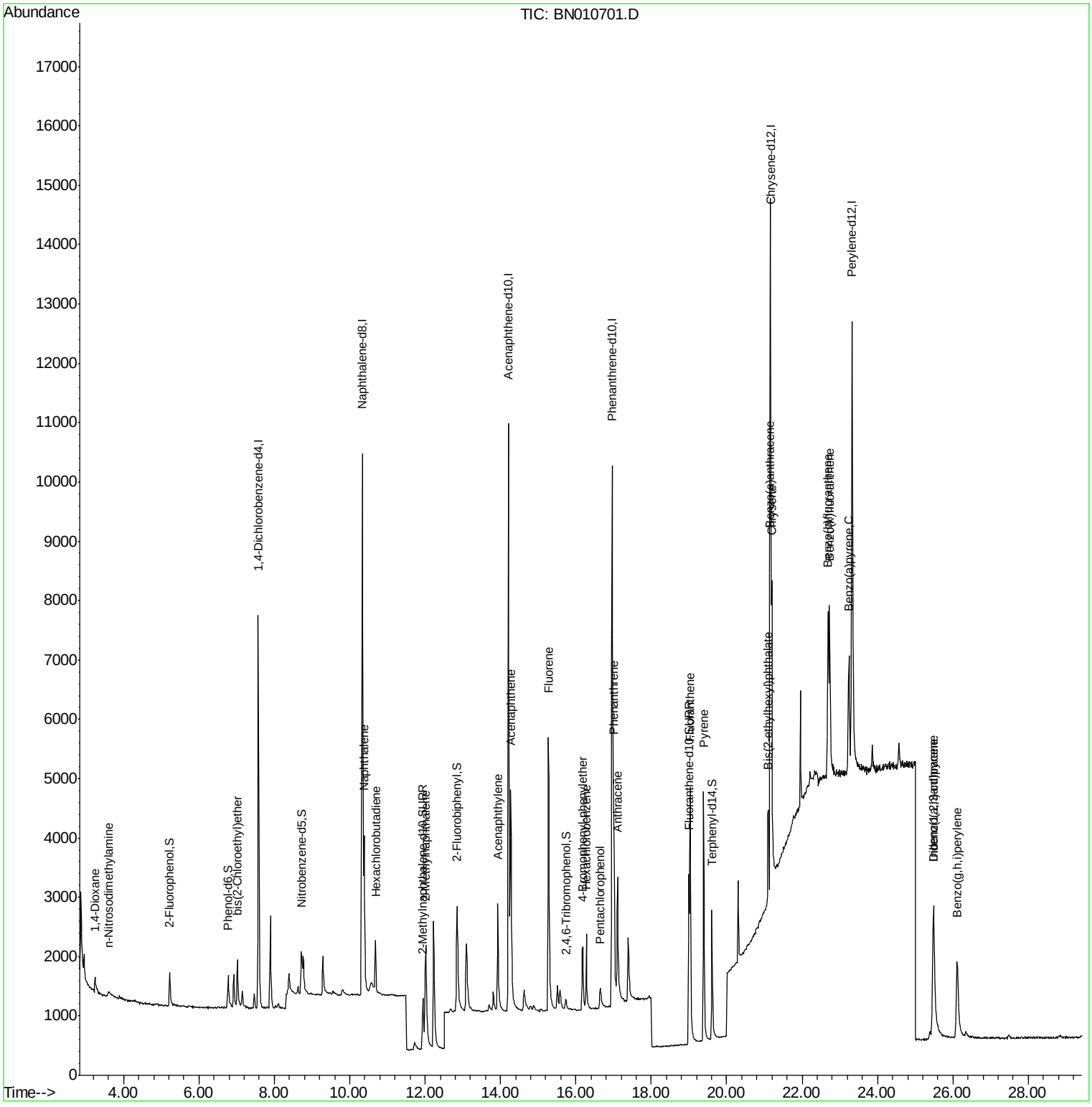
(#) = qualifier out of range (m) = manual integration (+) = signals summed

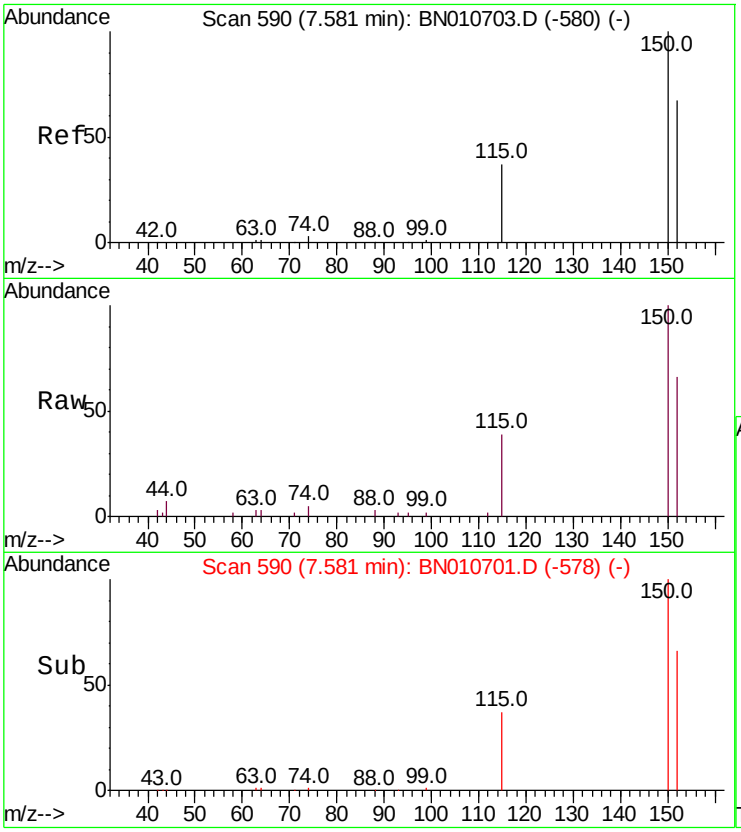
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051320\
Data File : BN010701.D
Acq On : 13 May 2020 10:10
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 13 13:25:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration



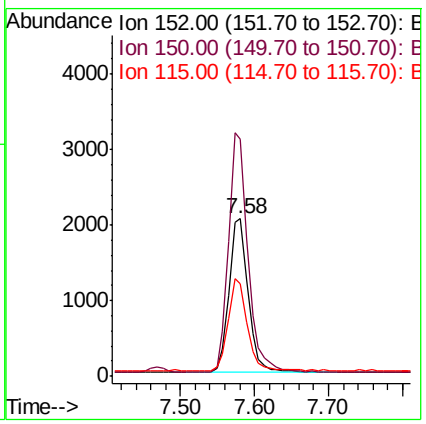


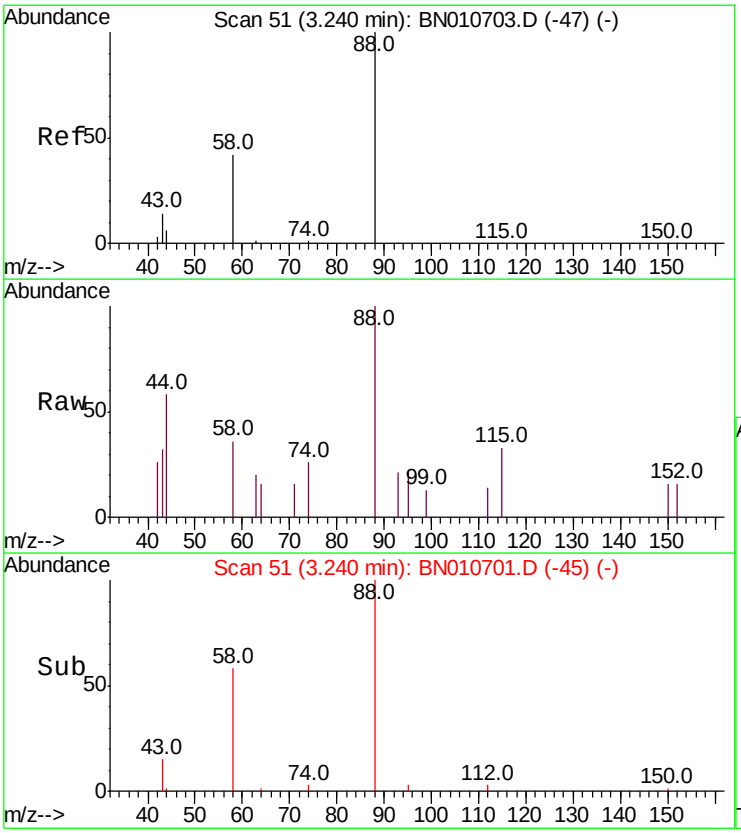
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3658

Ion	Ratio	Lower	Upper
152	100		
150	150.8	119.4	179.0
115	58.8	45.9	68.9

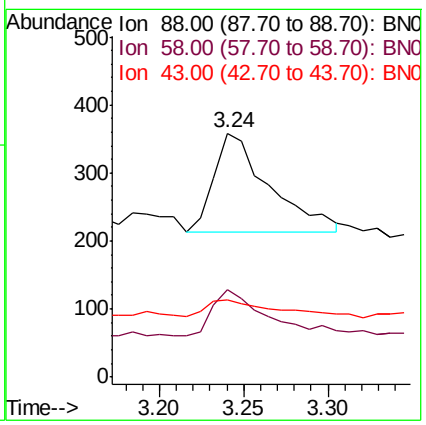


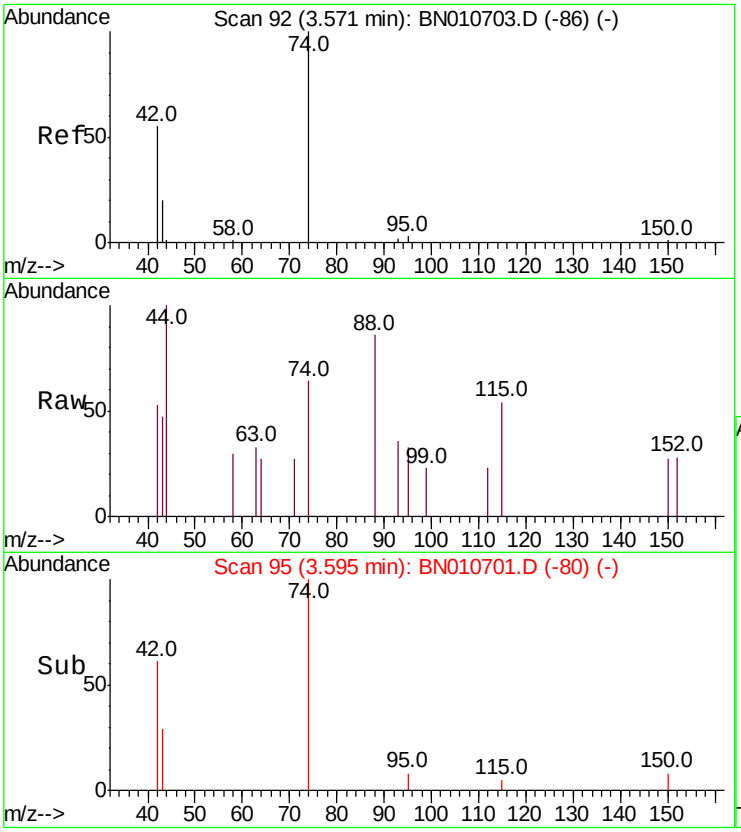


#2
1,4-Dioxane
Concen: 0.123 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion: 88 Resp: 330

Ion	Ratio	Lower	Upper
88	100		
58	46.1	39.0	58.6
43	19.7	13.1	19.7#



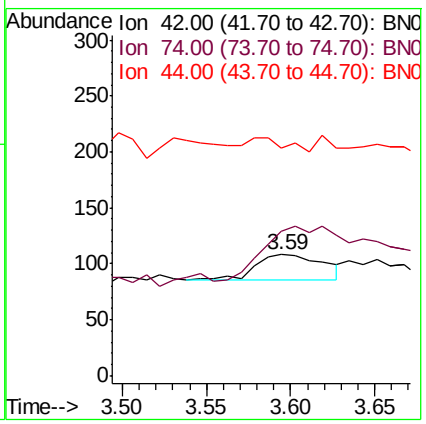


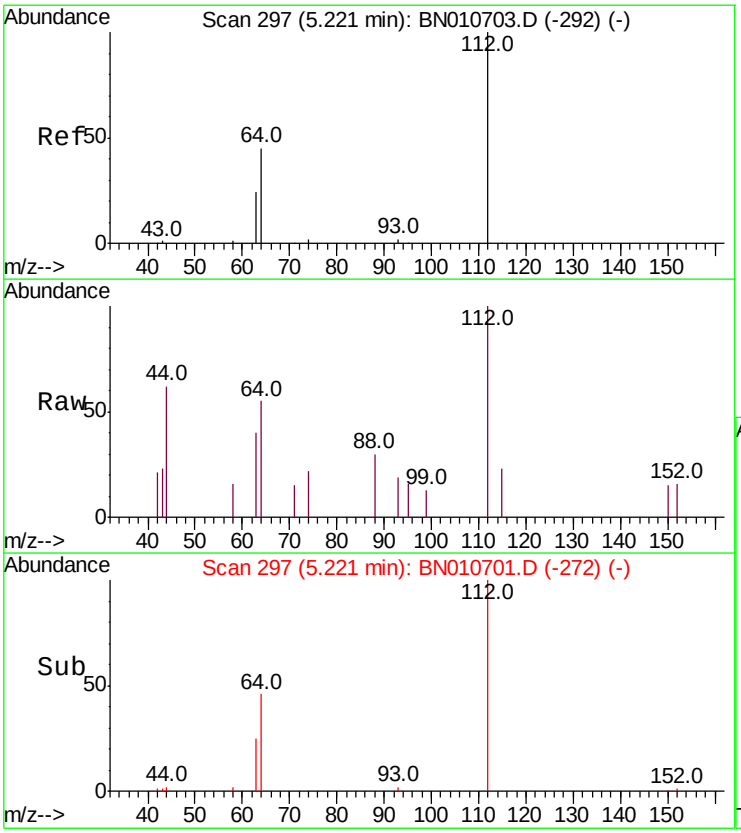
#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.59 min Scan# 95
Delta R.T. 0.02 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 61

Ion	Ratio	Lower	Upper
42	100		
74	368.9	146.2	219.2#
44	0.0	3.0	4.4#

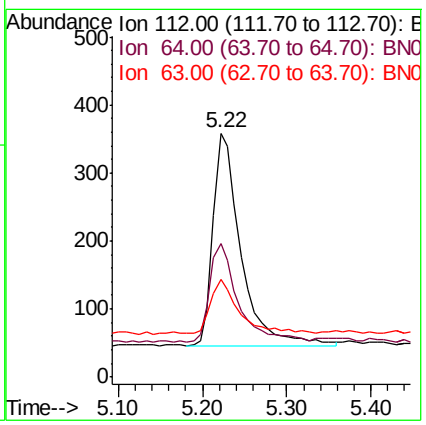


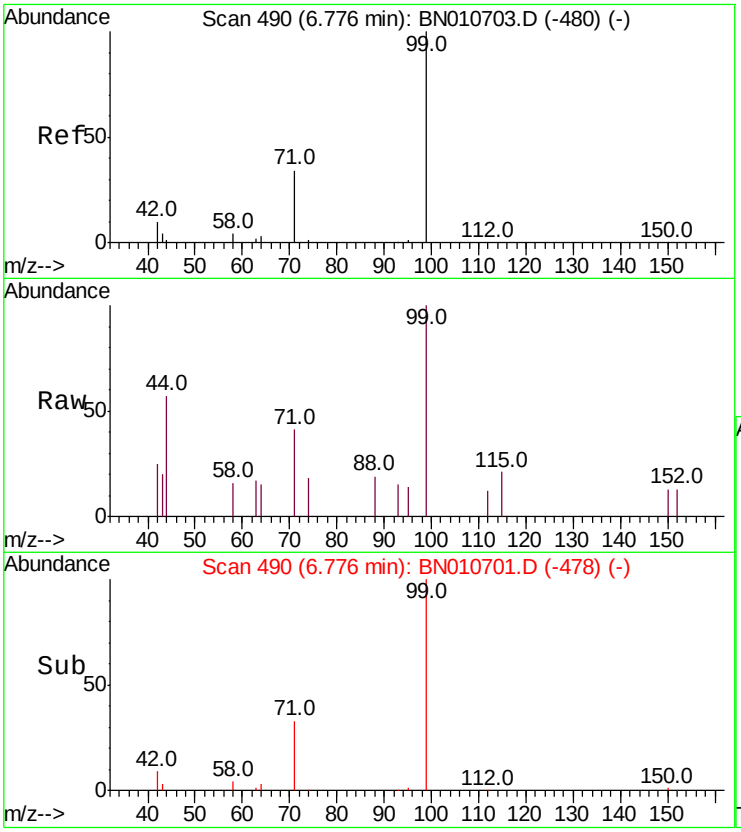


#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.22 min Scan# 297
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:112 Resp: 718

Ion	Ratio	Lower	Upper
112	100		
64	47.8	36.2	54.4
63	26.2	19.8	29.8



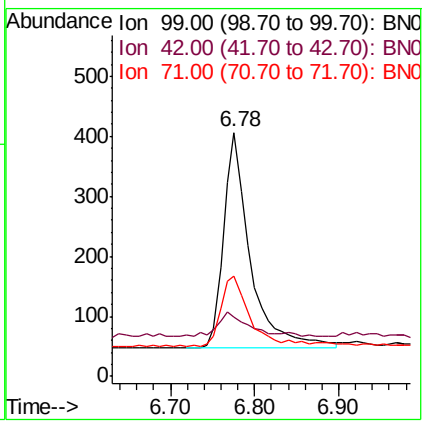


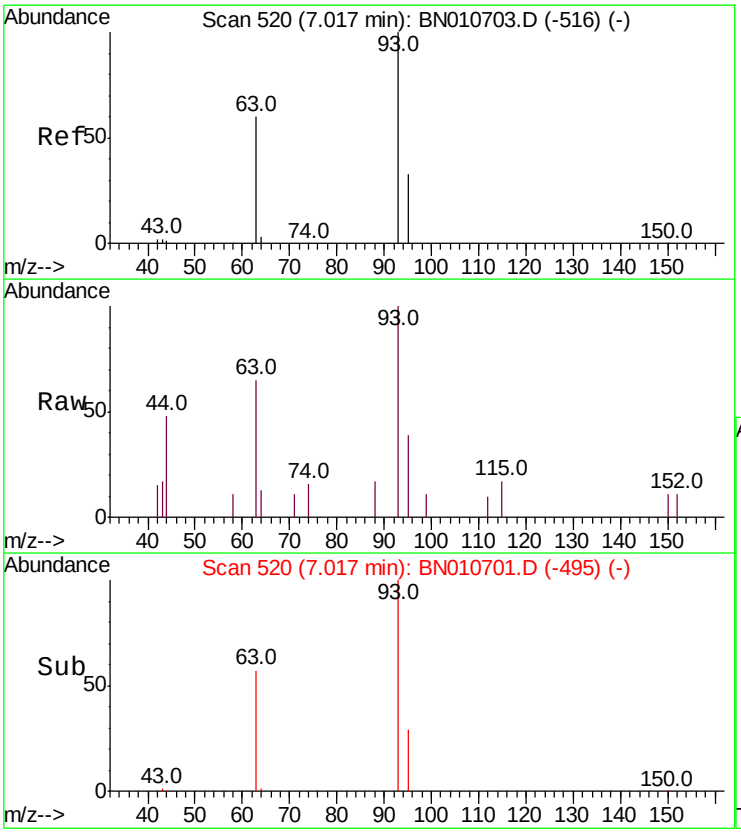
#5
Phenol-d6
Concen: 0.075 ng
RT: 6.78 min Scan# 490
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 788

Ion	Ratio	Lower	Upper
99	100		
42	14.5	9.8	14.8
71	33.4	28.6	42.8

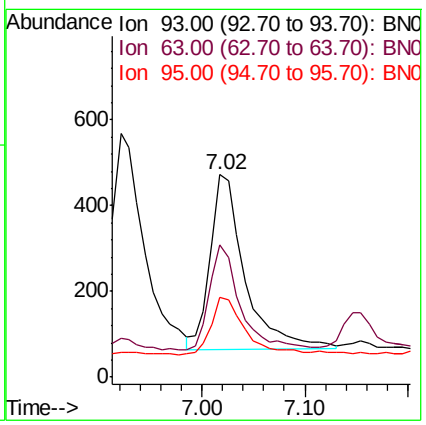


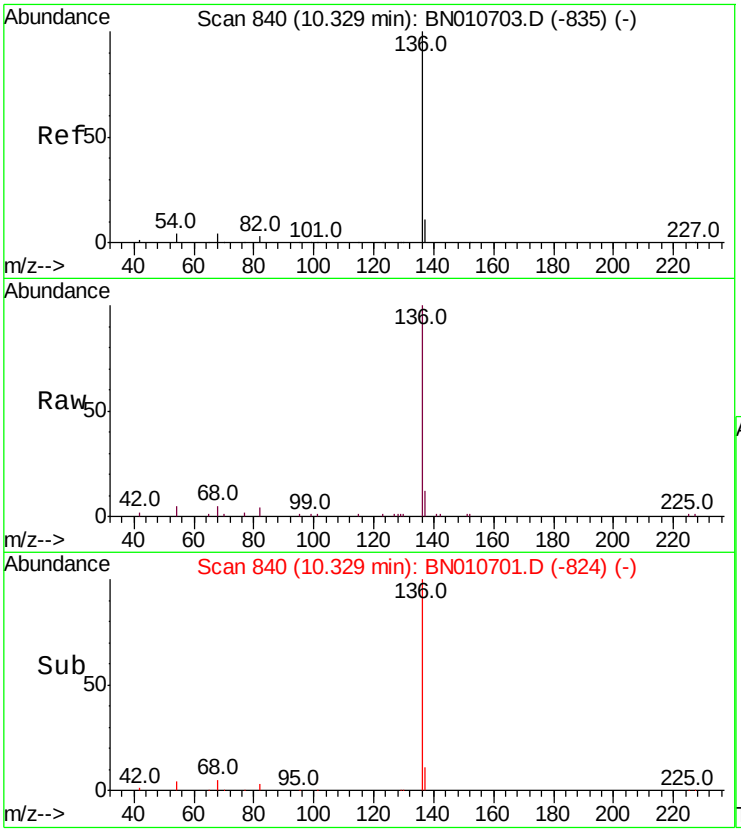


#6
bis(2-Chloroethyl)ether
Concen: 0.105 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion: 93 Resp: 953

Ion	Ratio	Lower	Upper
93	100		
63	52.5	43.1	64.7
95	31.4	24.6	37.0



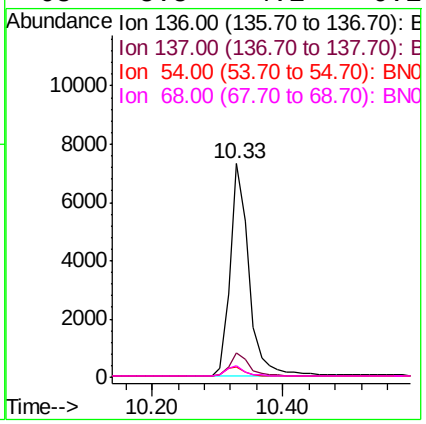


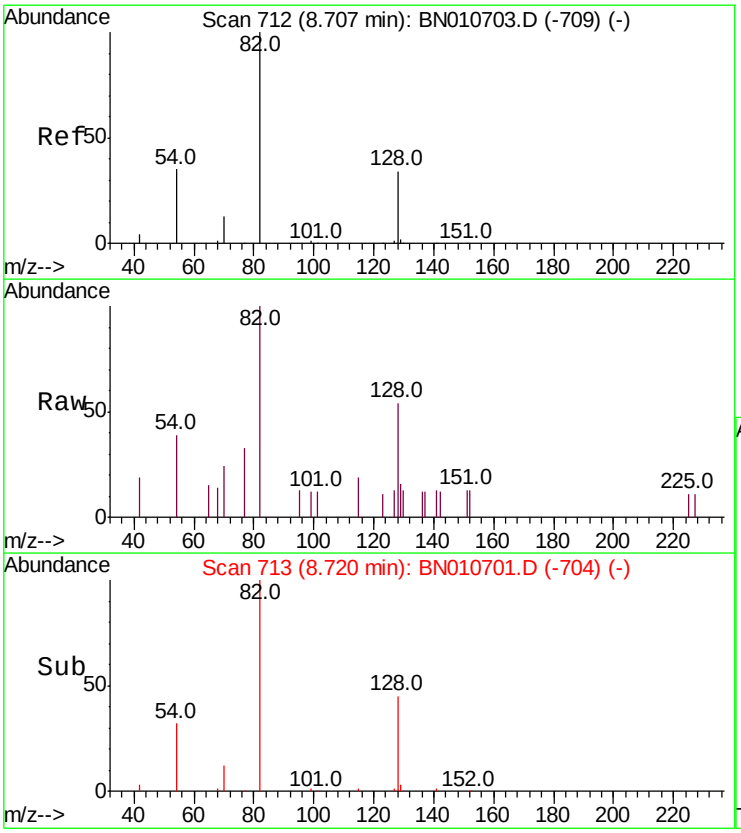
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 14501

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	4.8	3.6	5.4
68	5.5	4.1	6.1

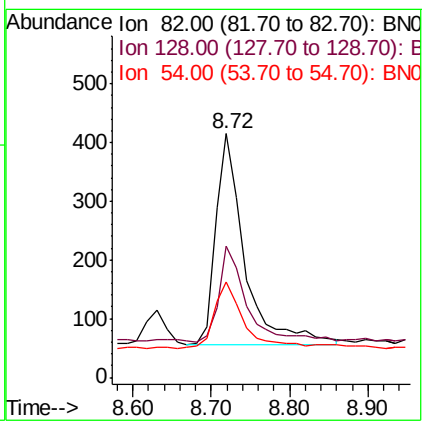


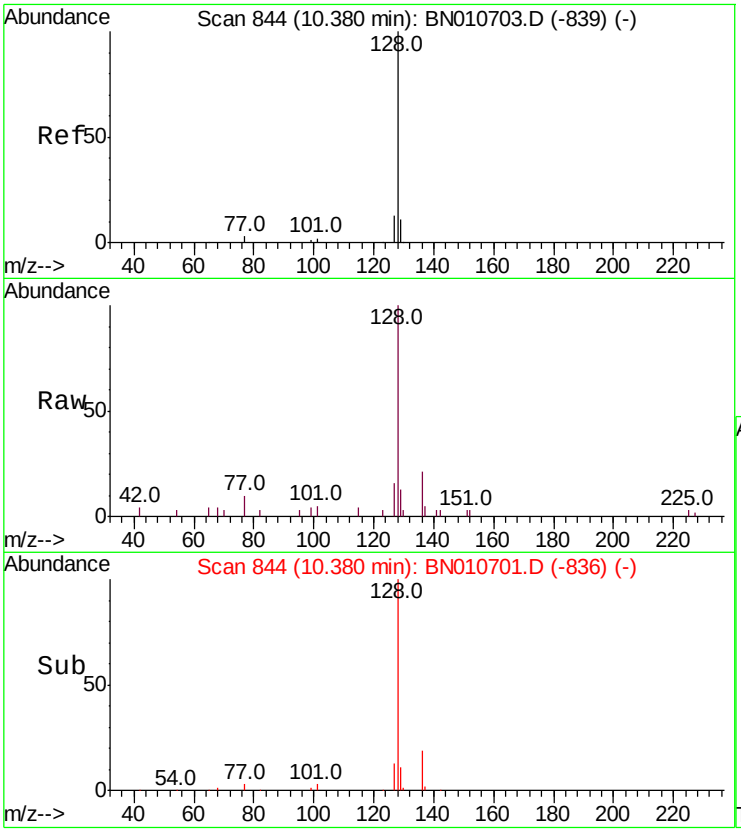


#8
Nitrobenzene-d5
Concen: 0.090 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion: 82 Resp: 917

Ion	Ratio	Lower	Upper
82	100		
128	53.7	29.0	43.4#
54	39.3	29.3	43.9



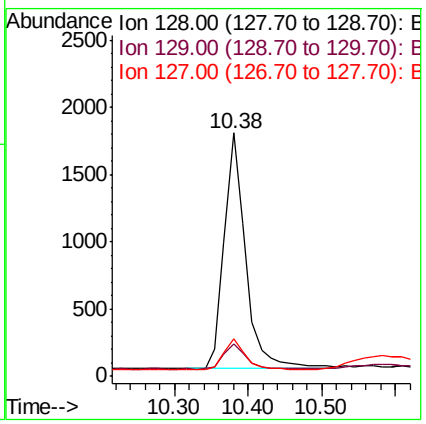


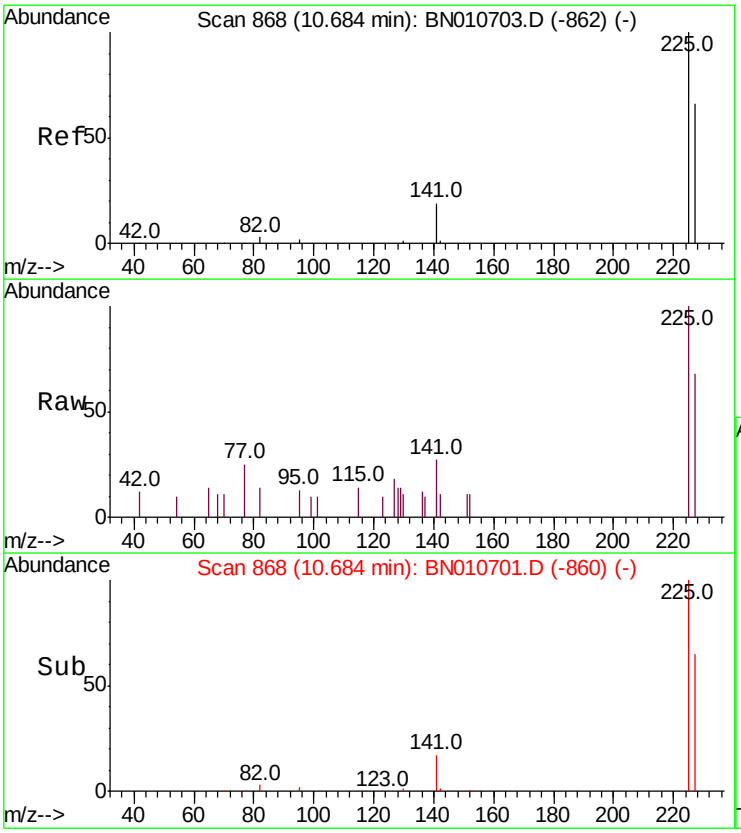
#9
Naphthalene
Concen: 0.099 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 3548

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.3	13.9
127	15.5	11.0	16.6

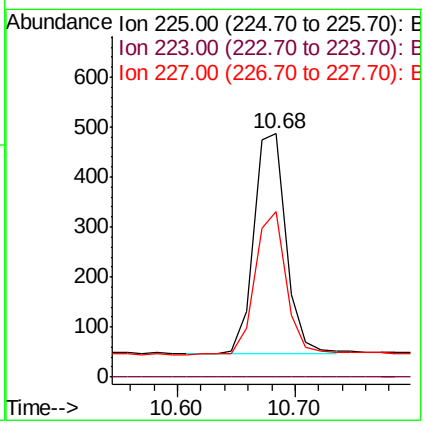


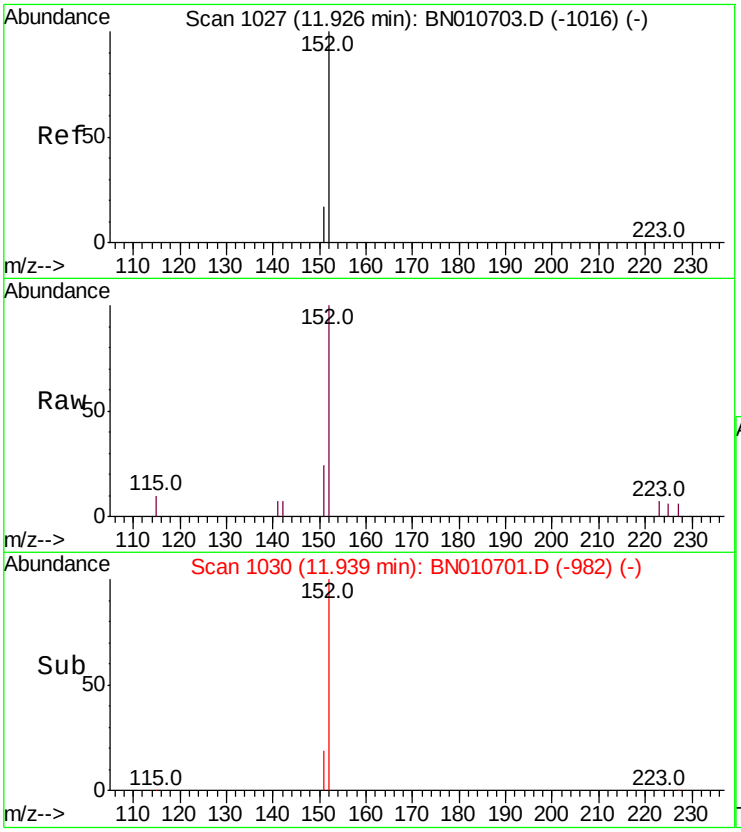


#10
Hexachlorobutadiene
Concen: 0.098 ng
RT: 10.68 min Scan# 868
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:225 Resp: 852

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.4	50.7	76.1



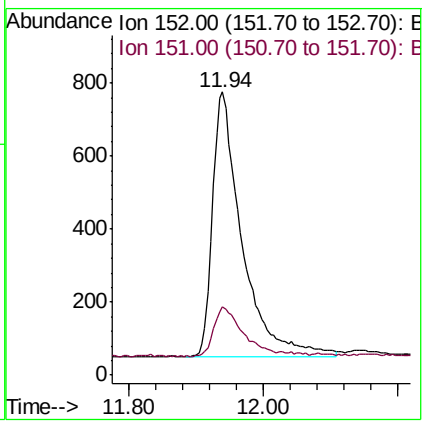


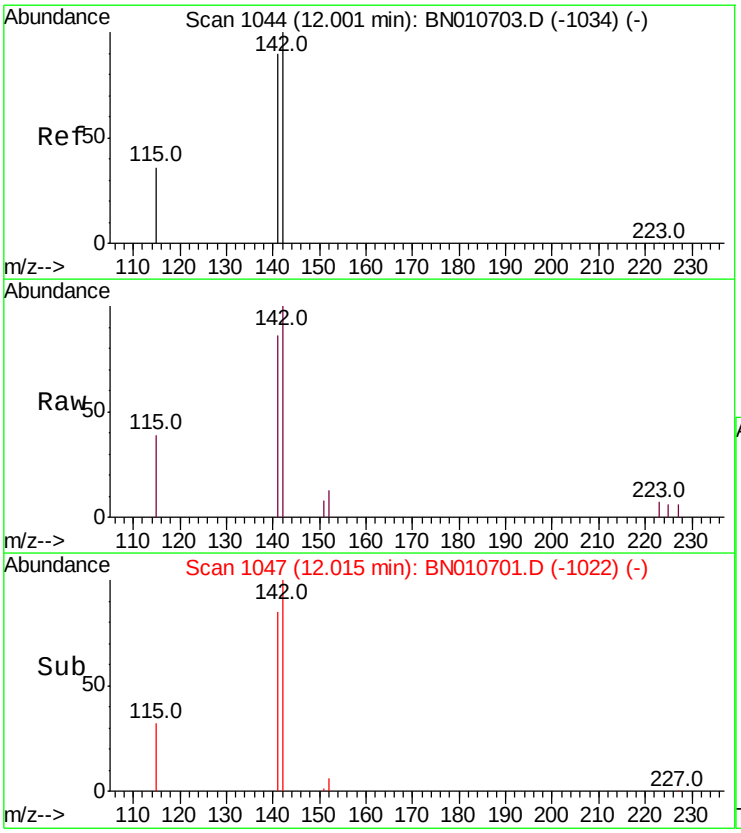
#11
2-Methylnaphthalene-d10
Concen: 0.093 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2220

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.0	22.6

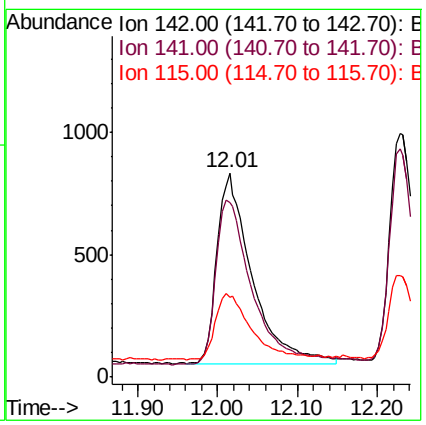


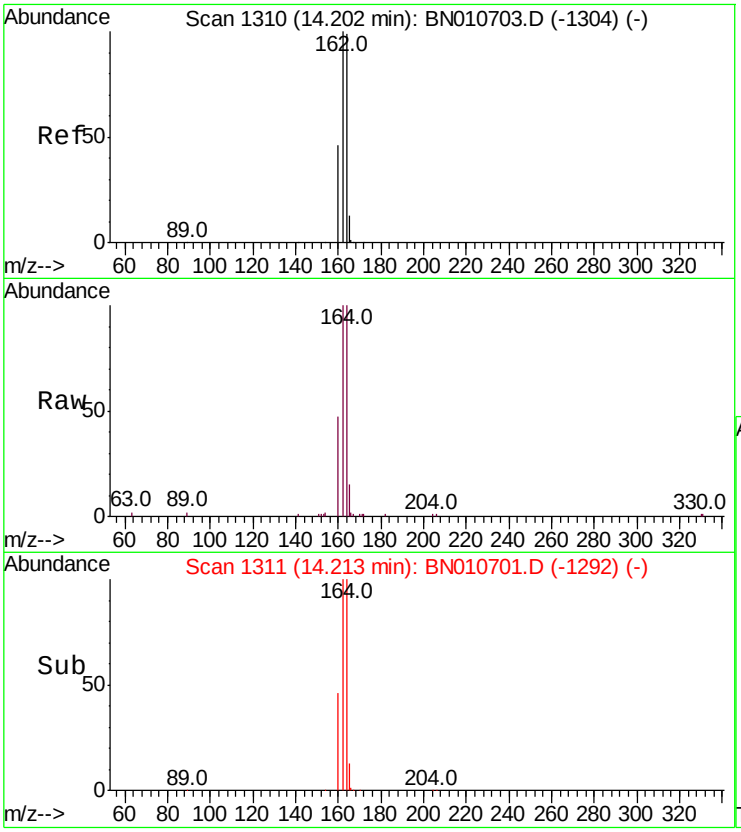


#12
2-Methylnaphthalene
Concen: 0.091 ng
RT: 12.01 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:142 Resp: 2360

Ion	Ratio	Lower	Upper
142	100		
141	85.8	71.7	107.5
115	39.1	29.8	44.6



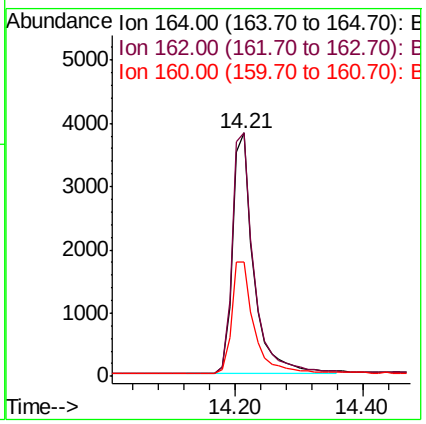


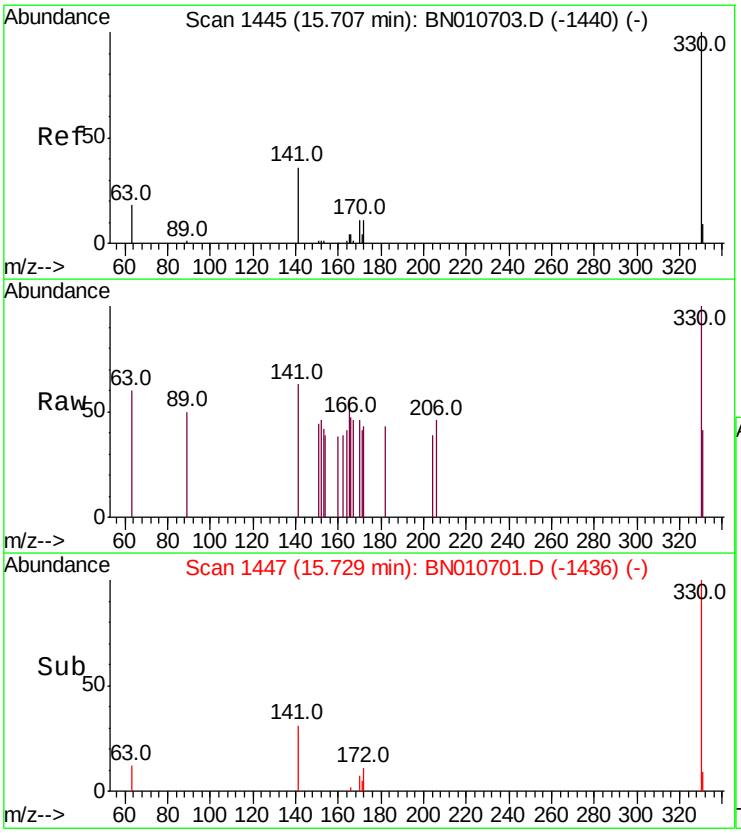
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 8710

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.1	121.7
160	46.8	37.9	56.9

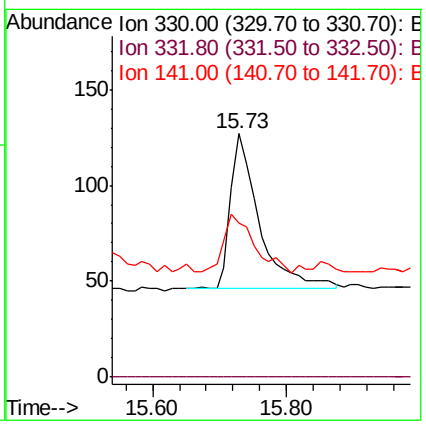


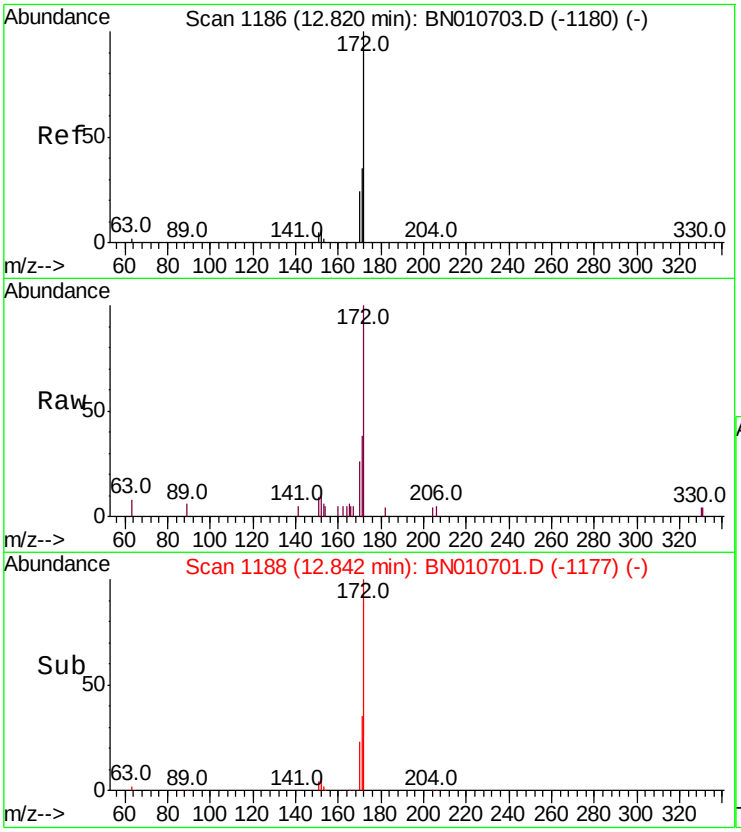


#14
2,4,6-Tribromophenol
Concen: 0.058 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.02 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:330 Resp: 240

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.8	28.8	43.2



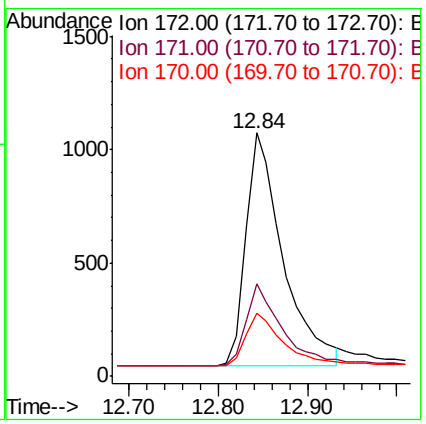


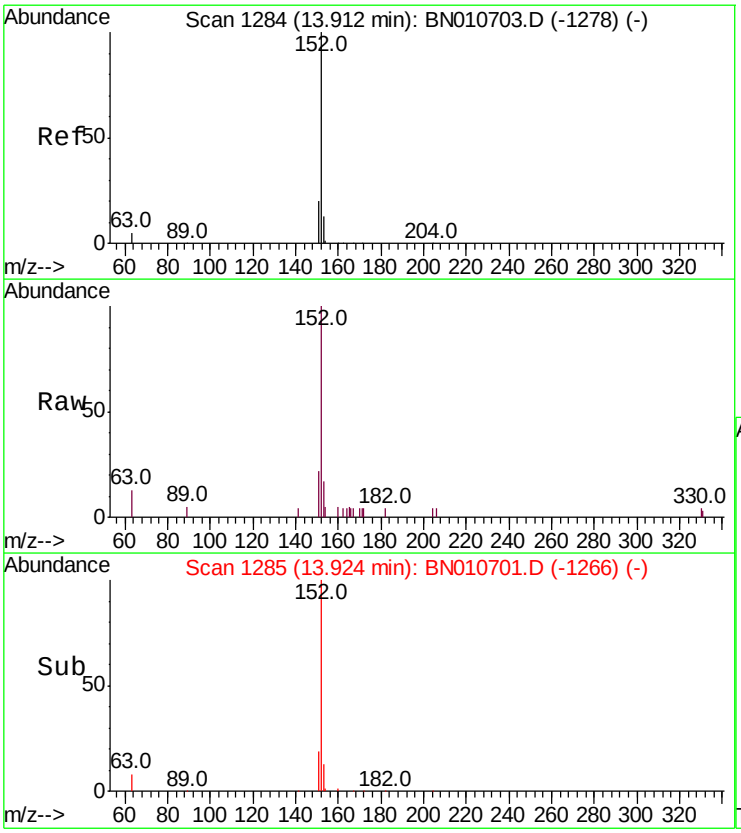
#15
2-Fluorobiphenyl
Concen: 0.095 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 2998

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.6	42.8
170	26.2	19.8	29.8

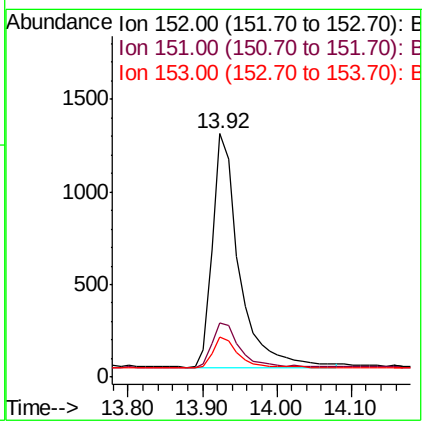


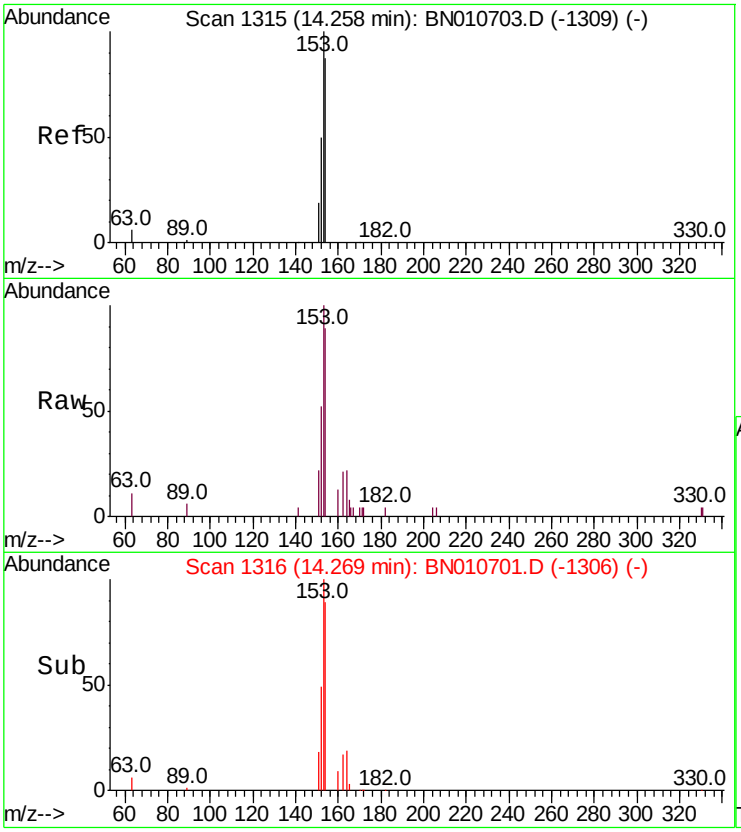


#16
Acenaphthylene
Concen: 0.084 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:152 Resp: 3162

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.6	23.4
153	13.0	10.4	15.6



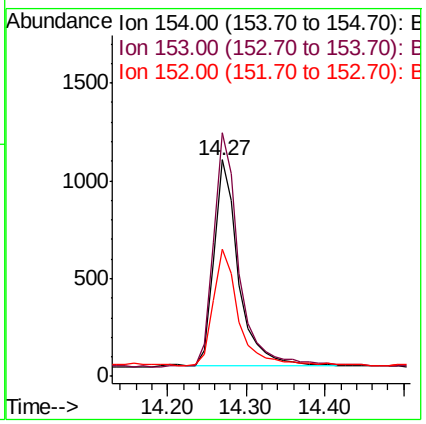


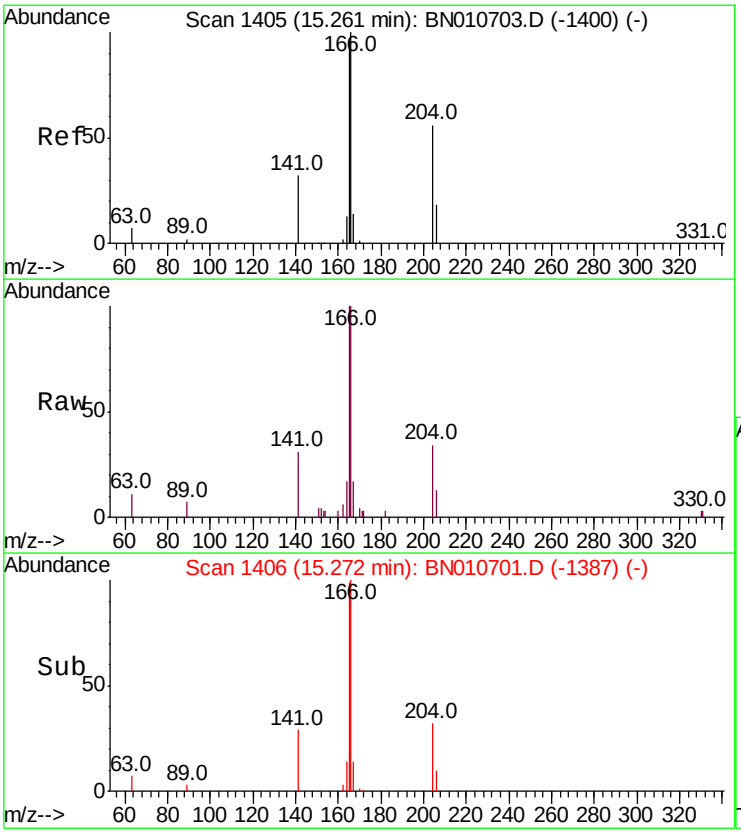
#17
Acenaphthene
Concen: 0.095 ng
RT: 14.27 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2296

Ion	Ratio	Lower	Upper
154	100		
153	117.8	91.5	137.3
152	57.6	45.6	68.4

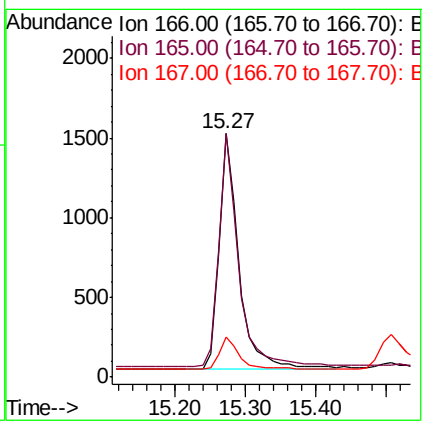


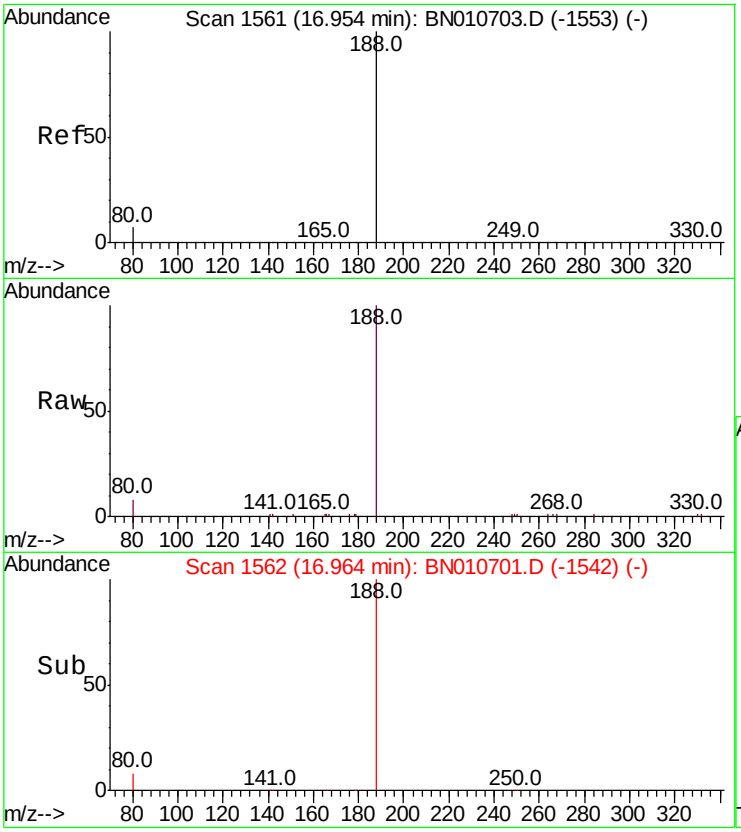


#18
Fluorene
Concen: 0.093 ng
RT: 15.27 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:166 Resp: 2936

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	14.2	11.0	16.4



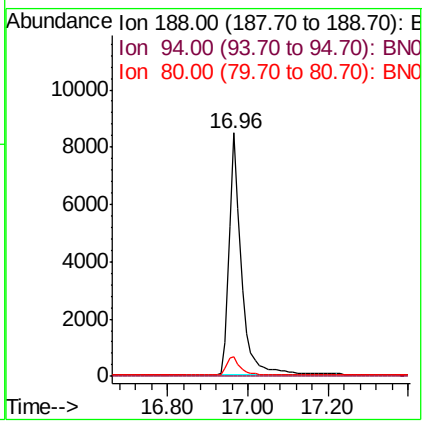


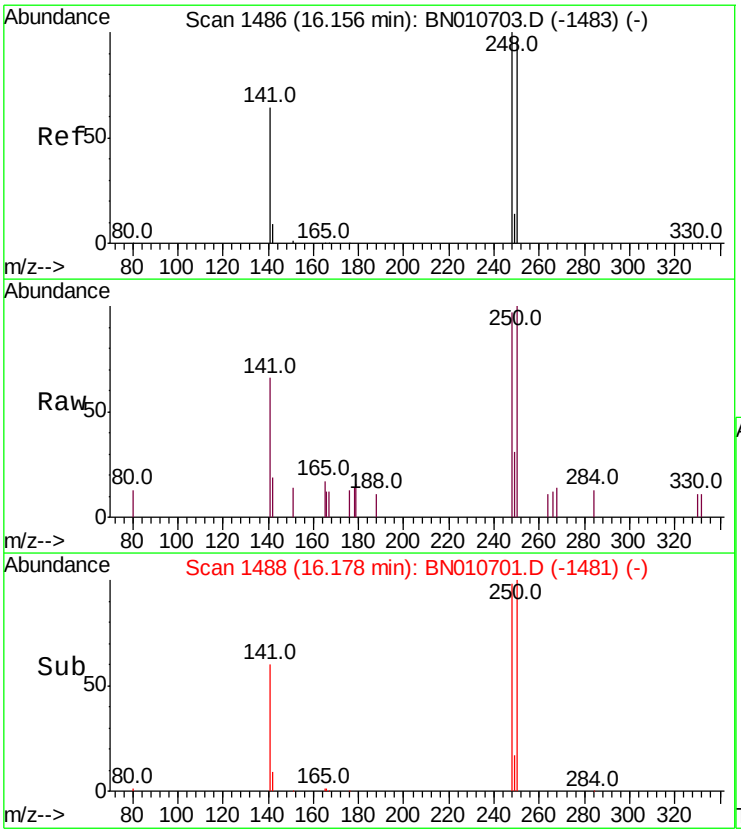
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 18212

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.3	9.5

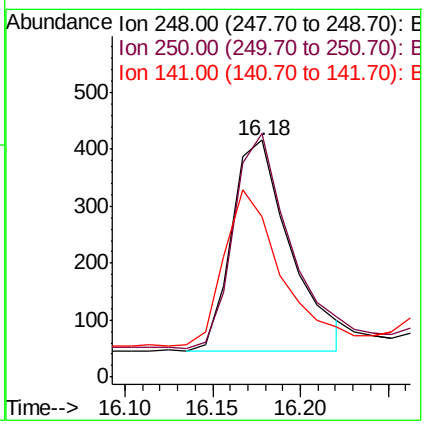


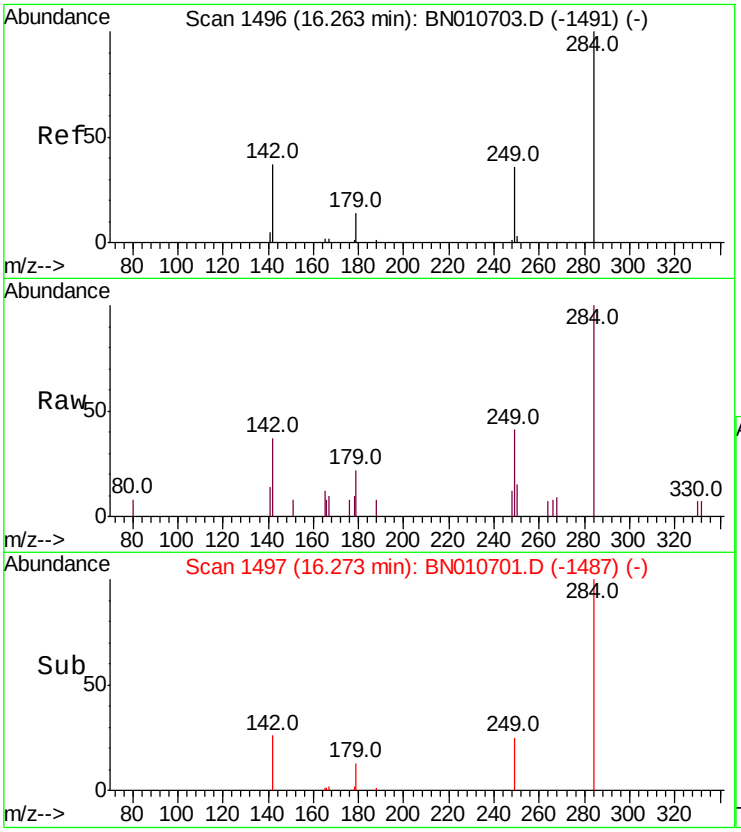


#20
4-Bromophenyl-phenylether
Concen: 0.085 ng
RT: 16.18 min Scan# 1488
Delta R.T. 0.02 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:248 Resp: 857

Ion	Ratio	Lower	Upper
248	100		
250	102.9	77.4	116.0
141	67.5	53.1	79.7



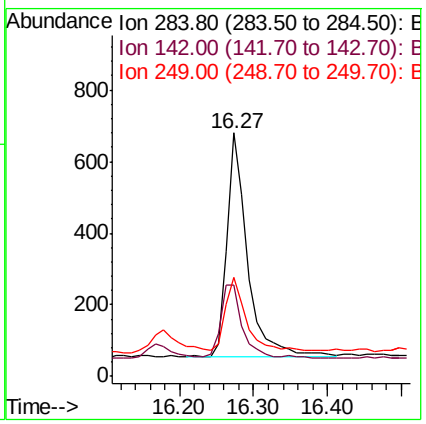


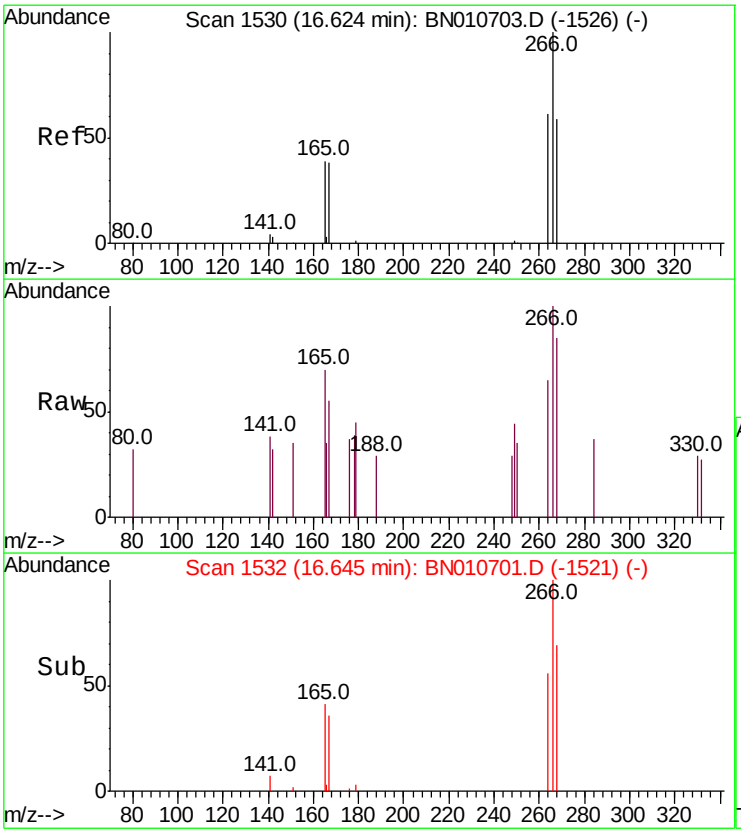
#21
Hexachlorobenzene
Concen: 0.106 ng
RT: 16.27 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1220

Ion	Ratio	Lower	Upper
284	100		
142	32.5	28.2	42.2
249	31.7	26.4	39.6

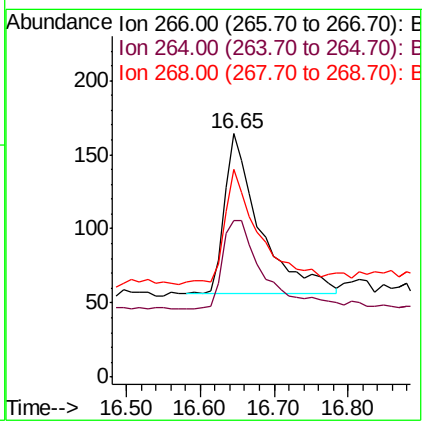


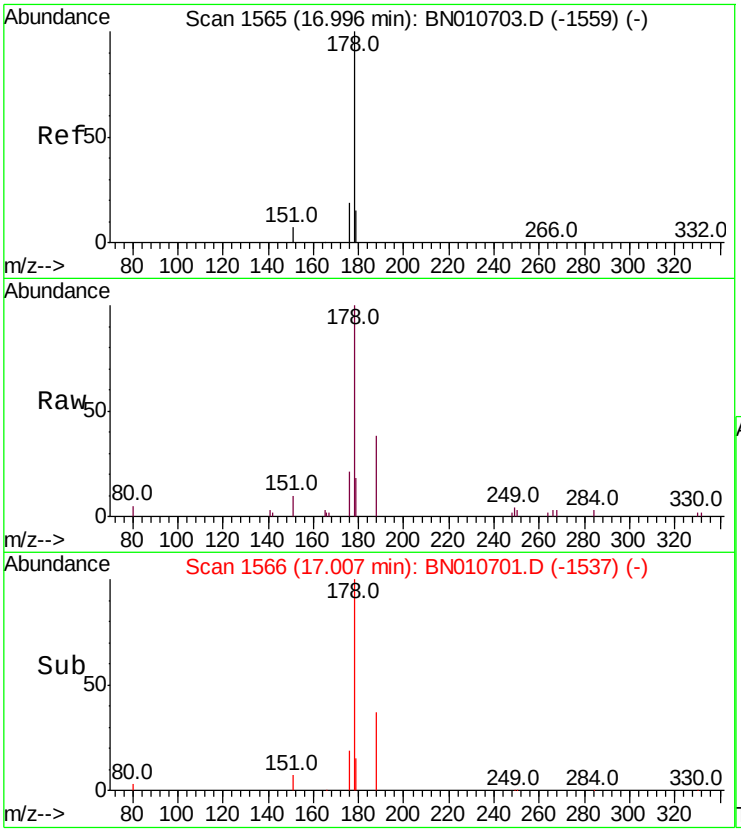


#22
Pentachlorophenol
Concen: 0.080 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.02 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:266 Resp: 364

Ion	Ratio	Lower	Upper
266	100		
264	64.6	51.1	76.7
268	85.4	52.1	78.1#



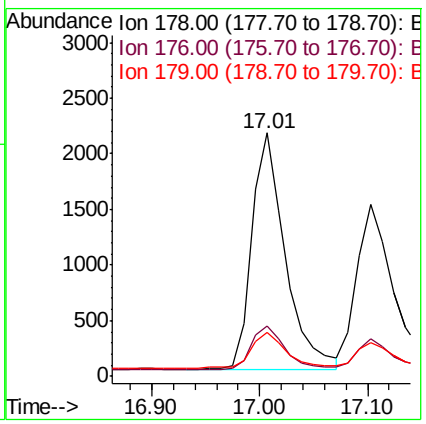


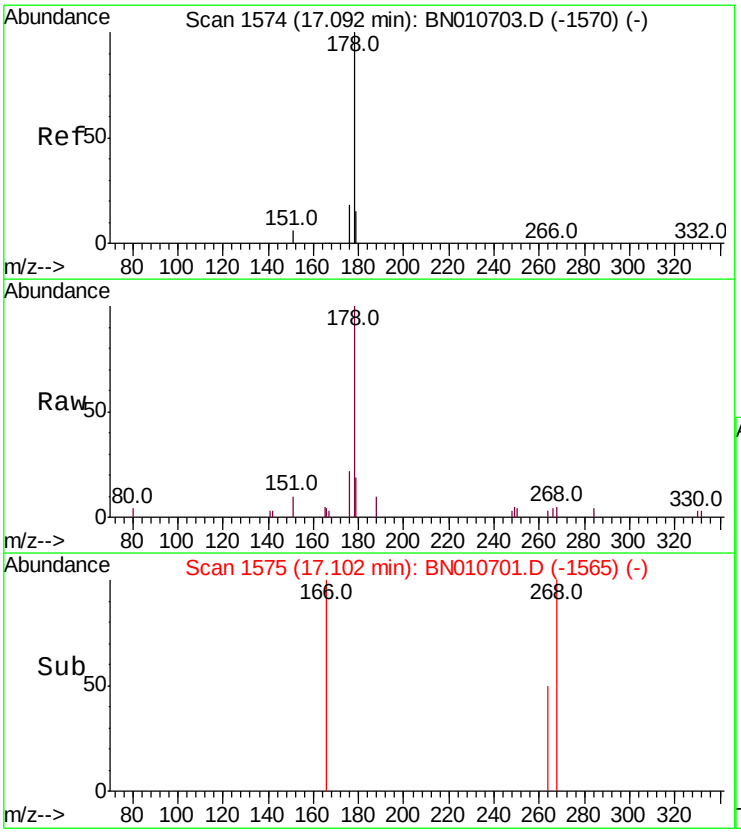
#23
Phenanthrene
Concen: 0.092 ng
RT: 17.01 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 4533

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	16.1	12.2	18.4

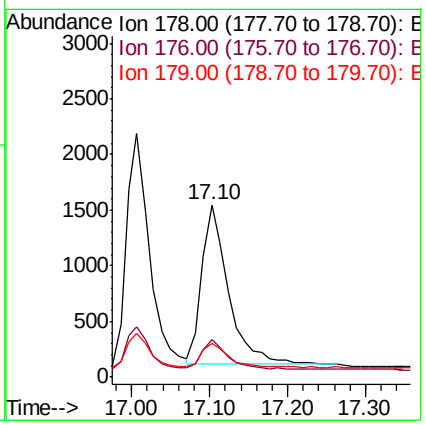


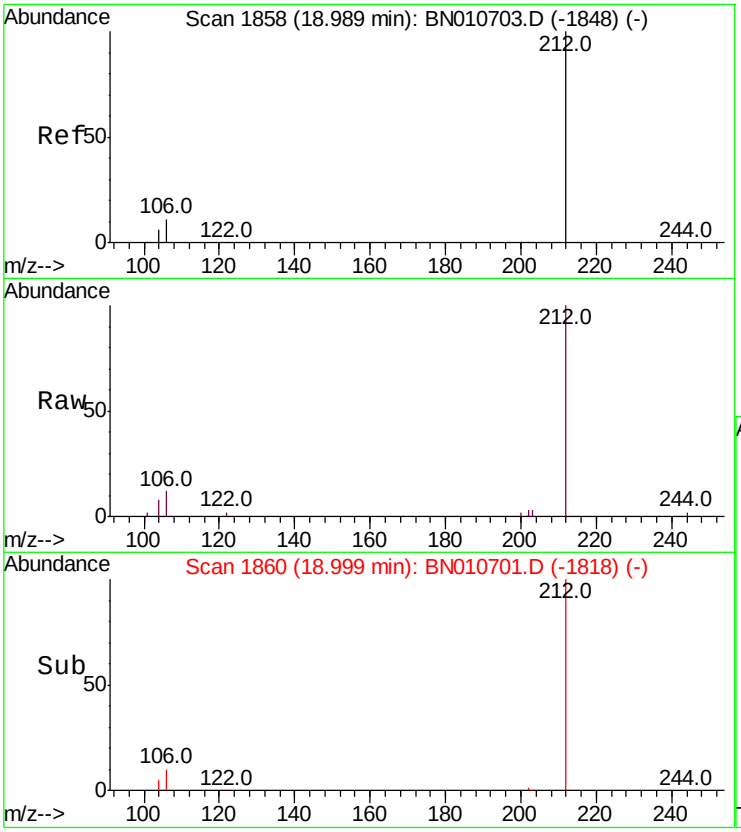


#24
Anthracene
Concen: 0.076 ng
RT: 17.10 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:178 Resp: 3408

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	13.8	12.3	18.5



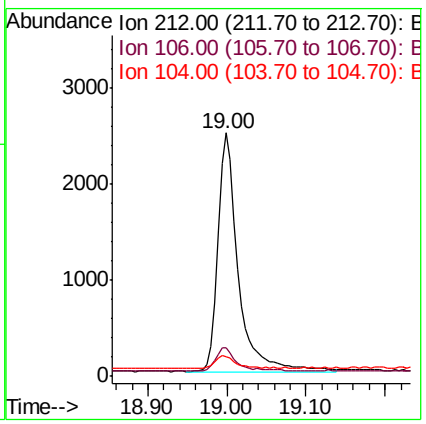


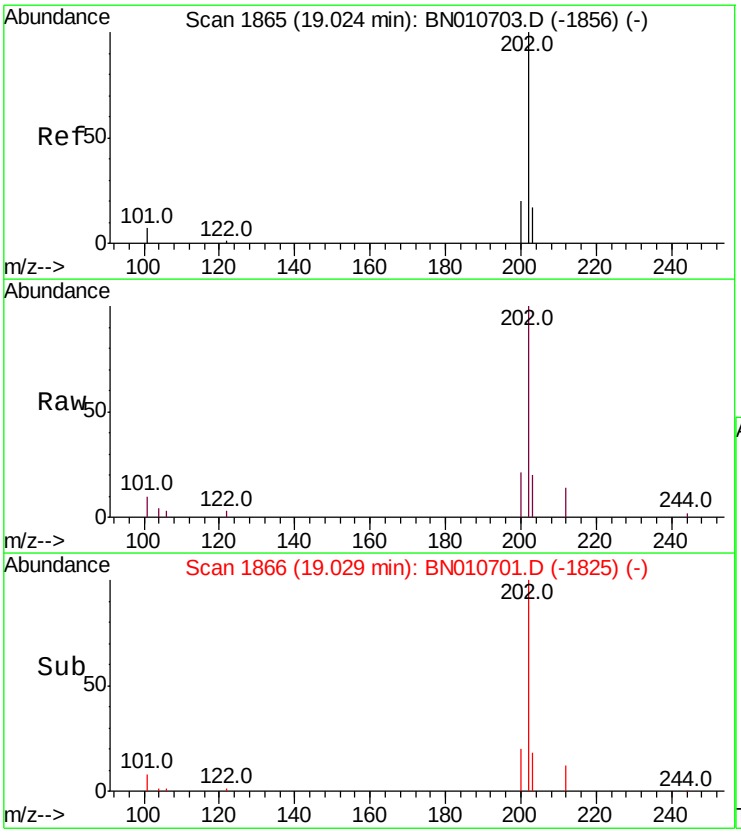
#25
Fluoranthene-d10
Concen: 0.082 ng
RT: 19.00 min Scan# 1860
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 4516

Ion	Ratio	Lower	Upper
212	100		
106	10.0	8.2	12.2
104	5.6	4.7	7.1

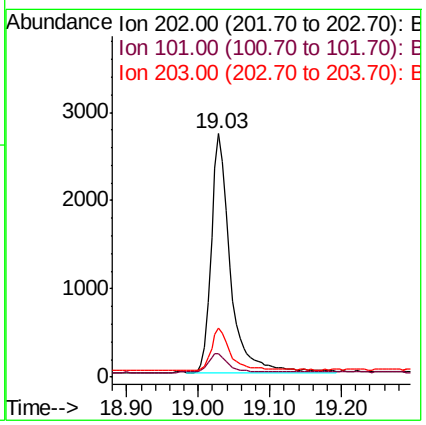


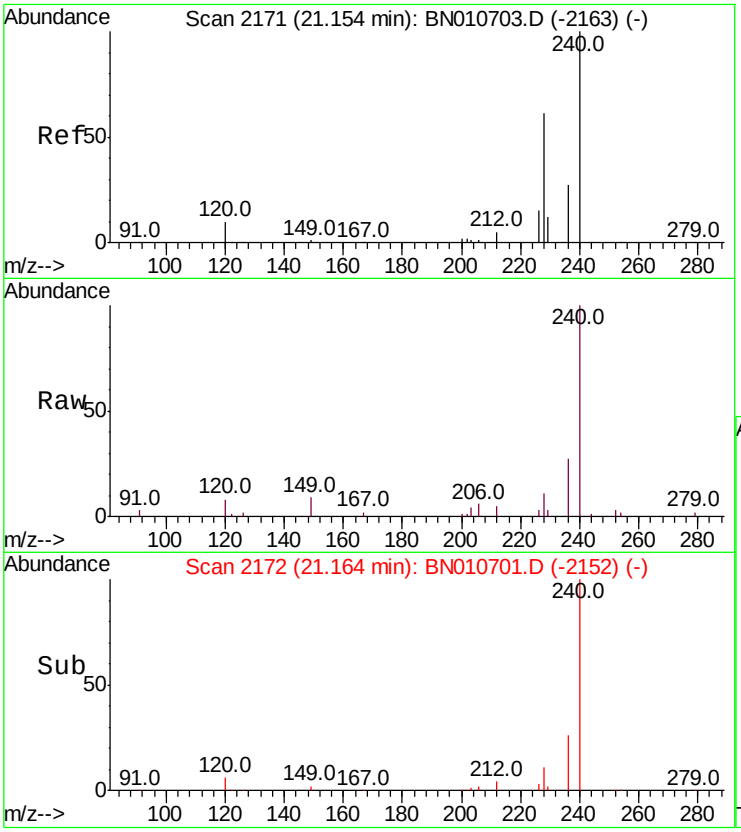


#26
Fluoranthene
Concen: 0.081 ng
RT: 19.03 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:202 Resp: 4982

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.7	10.1
203	17.0	13.4	20.0



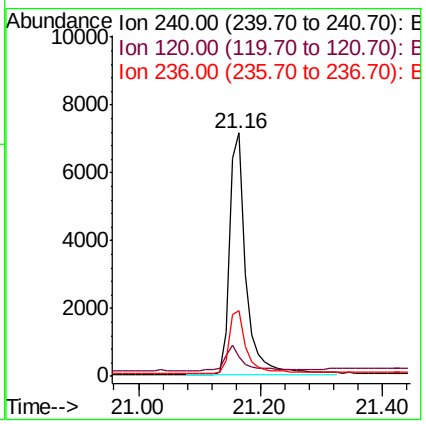


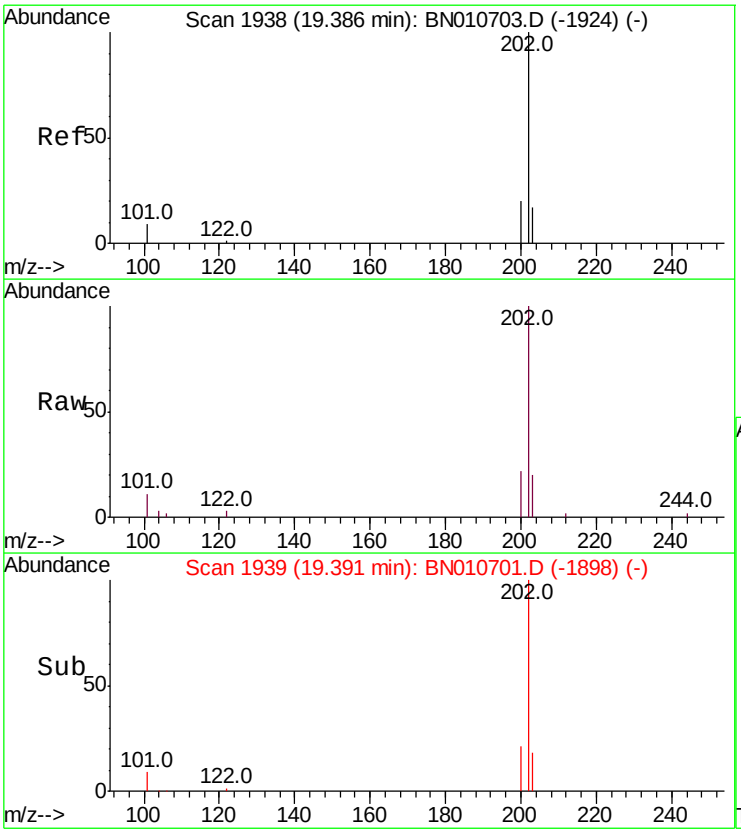
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 13465

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	27.0	22.5	33.7

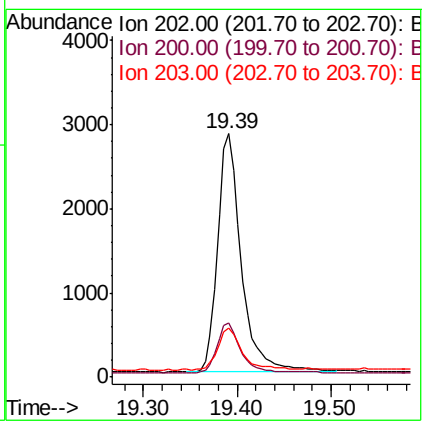


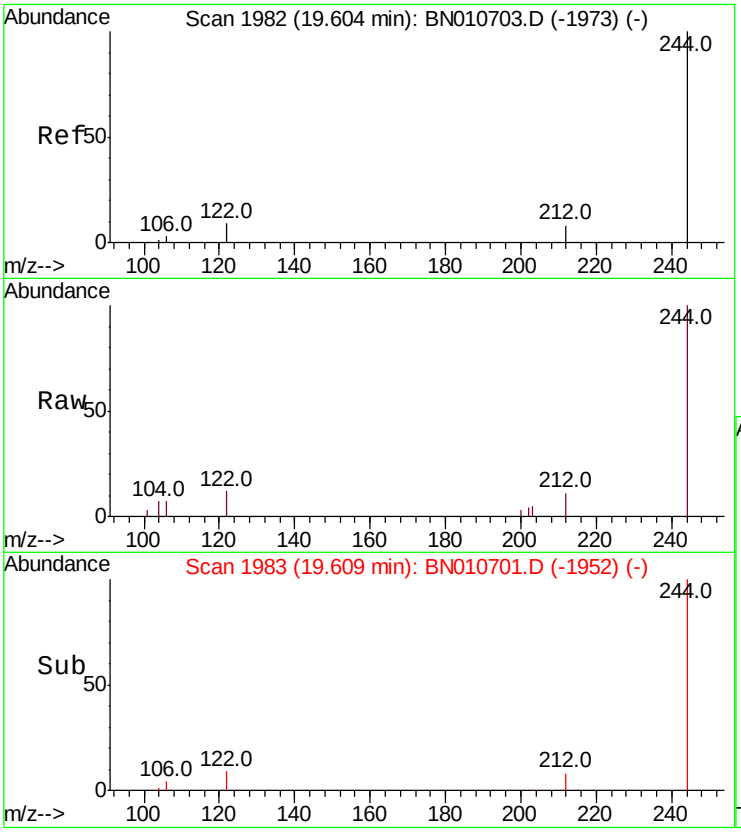


#28
Pyrene
Concen: 0.110 ng
RT: 19.39 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:202 Resp: 4972

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	17.3	14.1	21.1



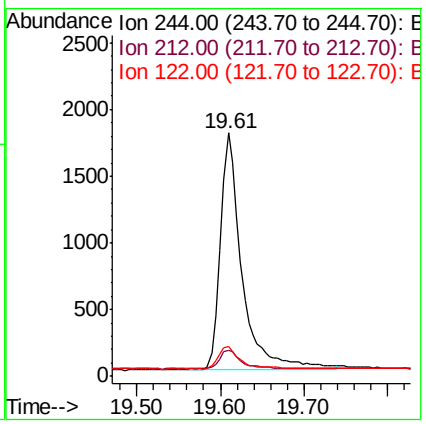


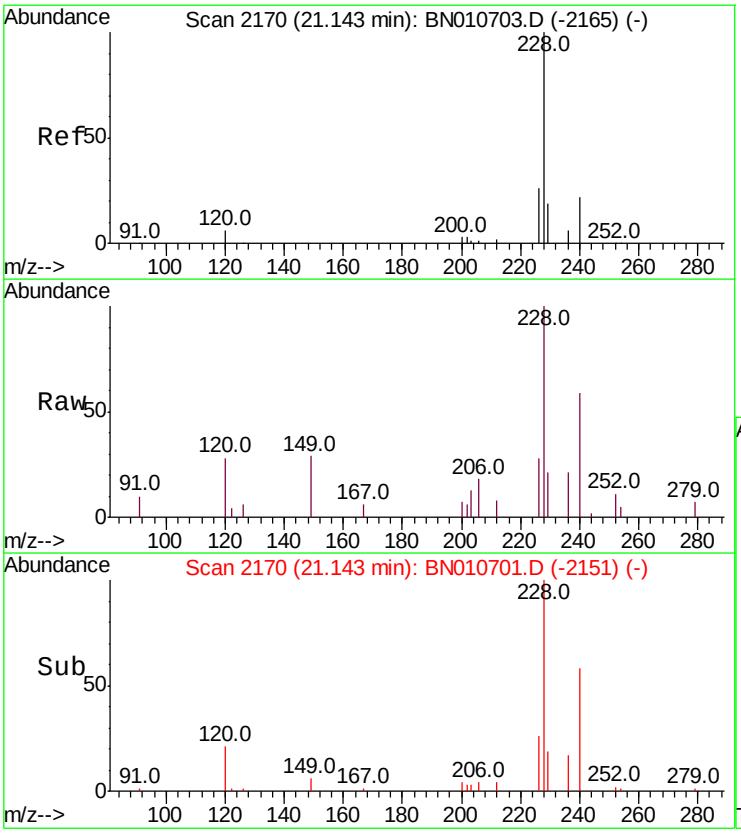
#29
Terphenyl-d14
Concen: 0.104 ng
RT: 19.61 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 3213

Ion	Ratio	Lower	Upper
244	100		
212	10.7	6.8	10.2#
122	12.3	8.1	12.1#

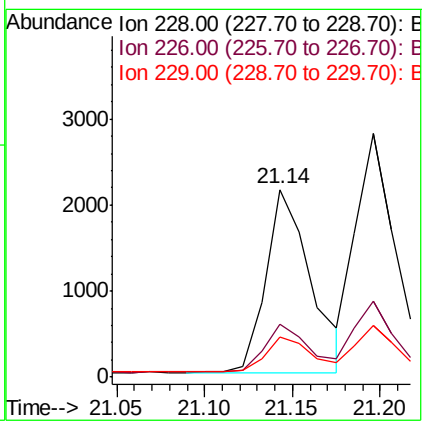


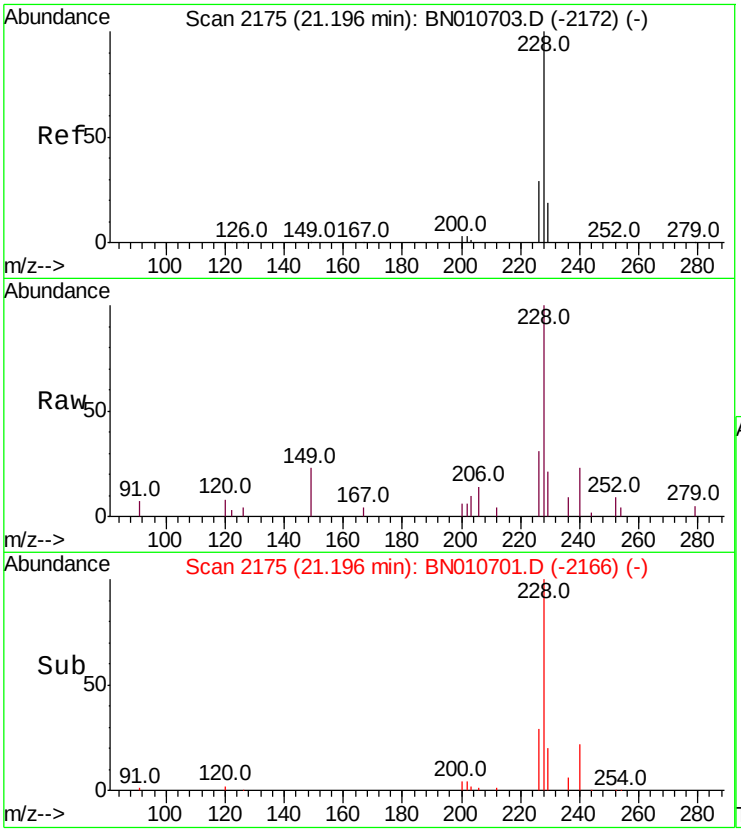


#30
Benzo(a)anthracene
Concen: 0.086 ng
RT: 21.14 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:228 Resp: 3776

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.3	31.9
229	21.3	16.0	24.0



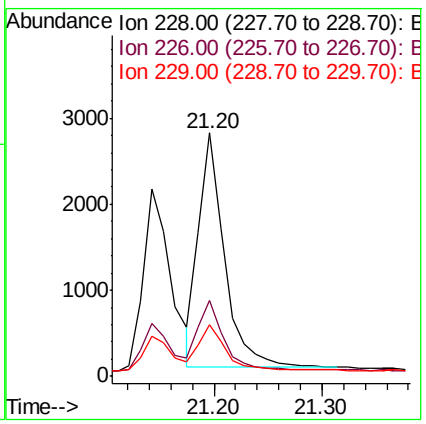


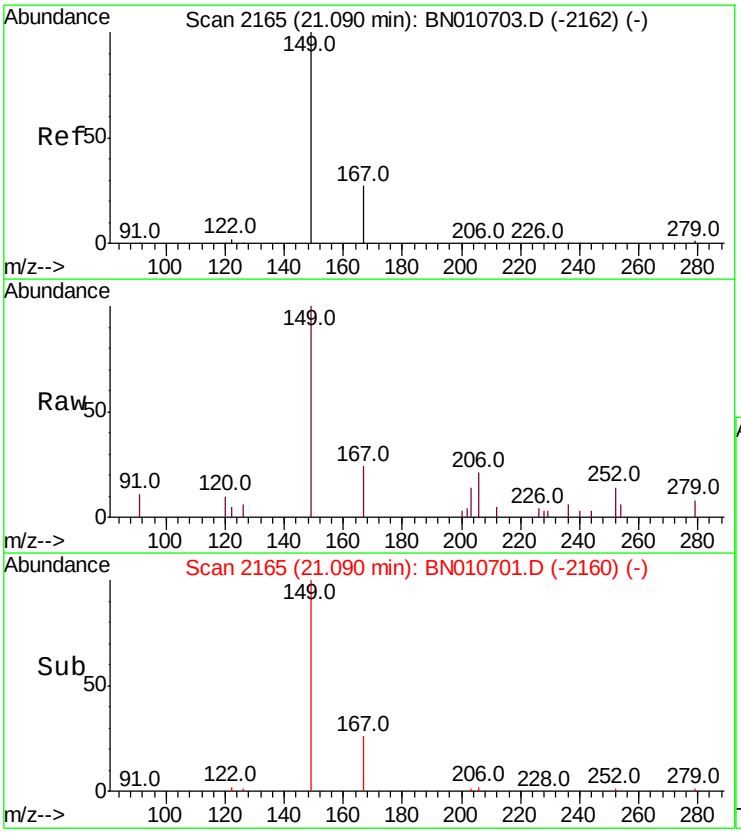
#31
Chrysene
Concen: 0.103 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 4517

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	21.4	16.1	24.1

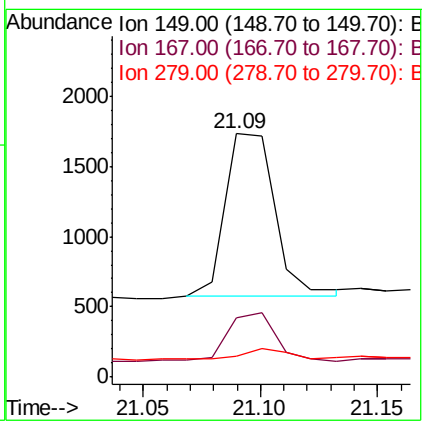


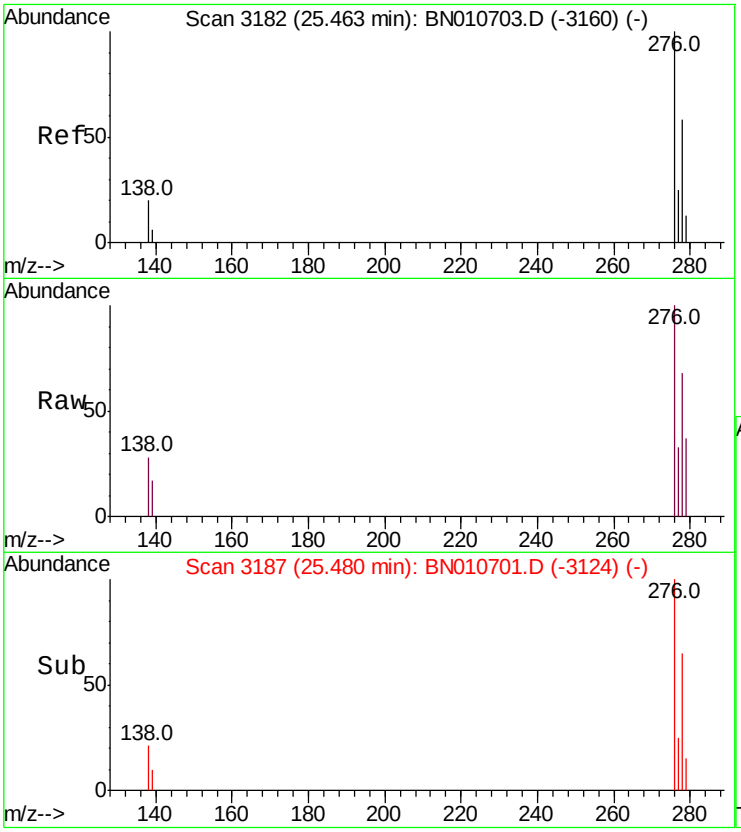


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.075 ng
RT: 21.09 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:149 Resp: 1697

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	6.1	4.1	6.1#



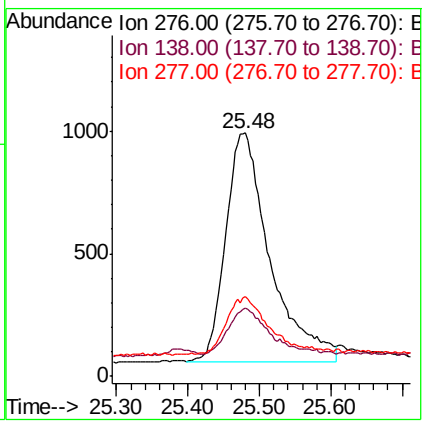


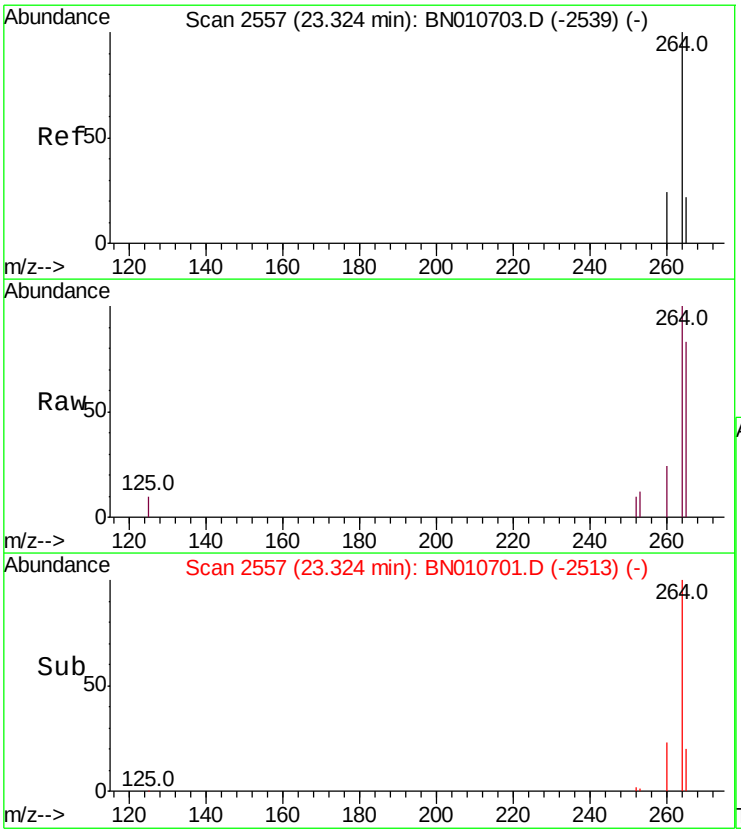
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng
RT: 25.48 min Scan# 3187
Delta R.T. 0.02 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 4025

Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.1	22.7
277	24.3	19.4	29.0

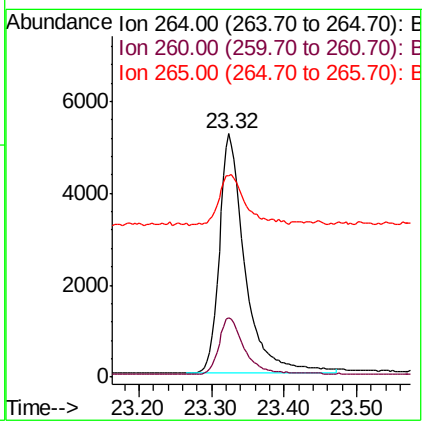


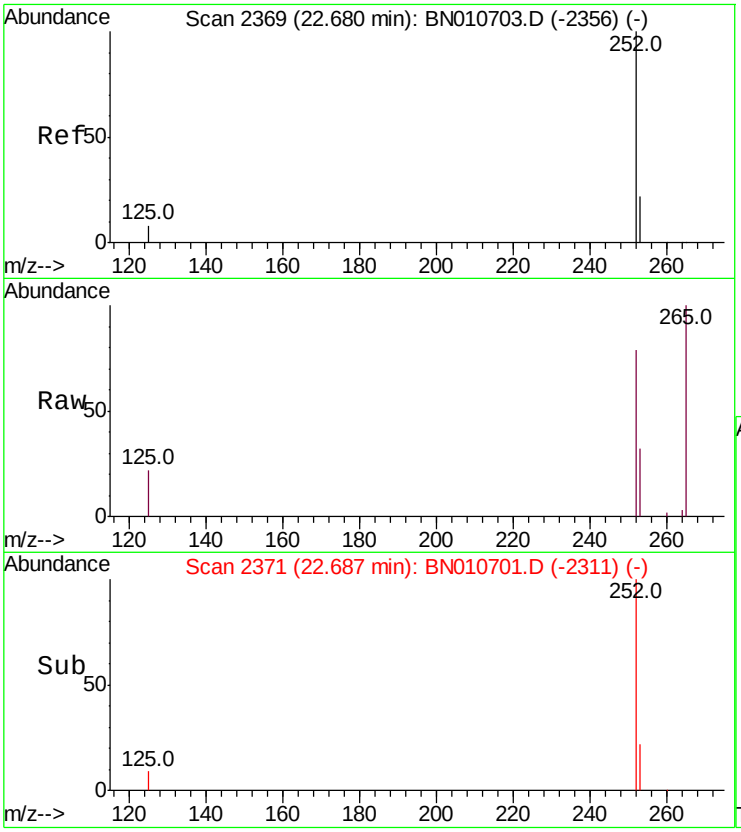


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:264 Resp: 12746

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	82.7	70.1	105.1



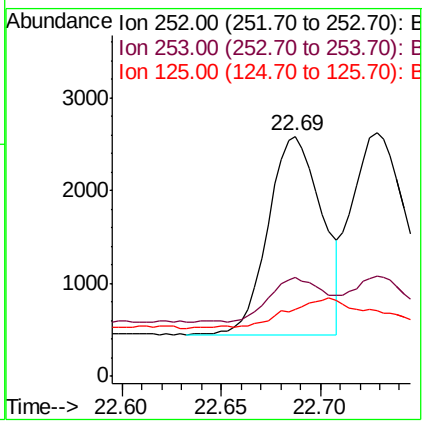


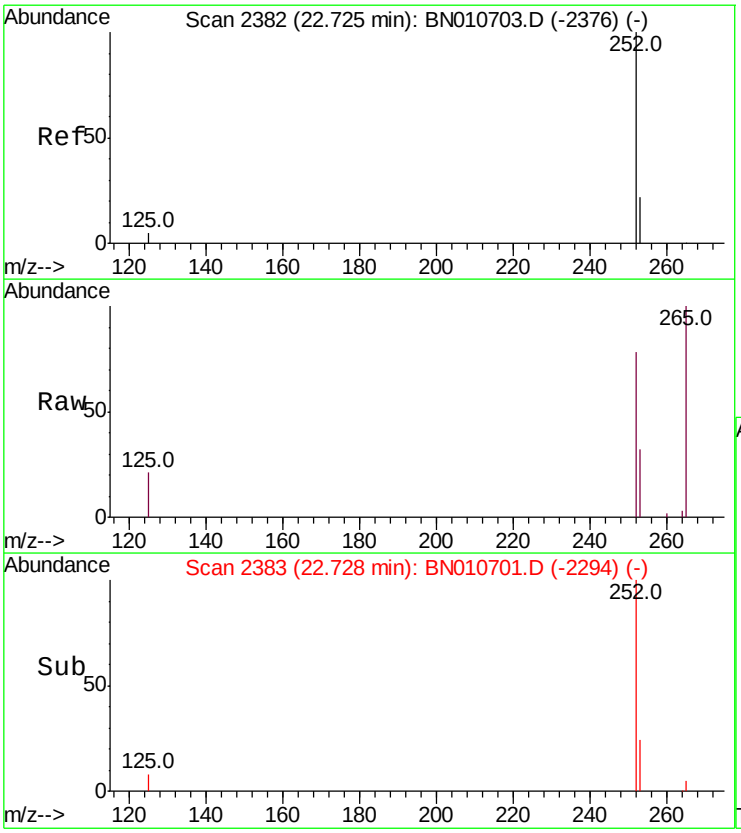
#35
Benzo(b)fluoranthene
Concen: 0.096 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 4038

Ion	Ratio	Lower	Upper
252	100		
253	41.2	22.0	33.0#
125	28.0	10.8	16.2#

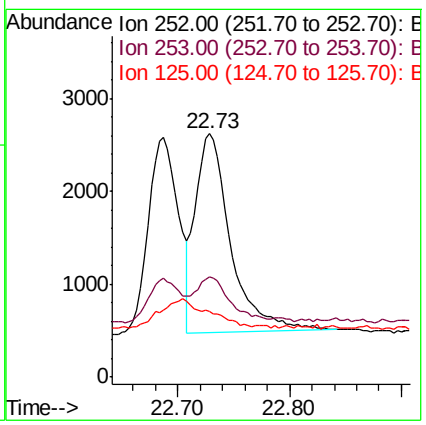


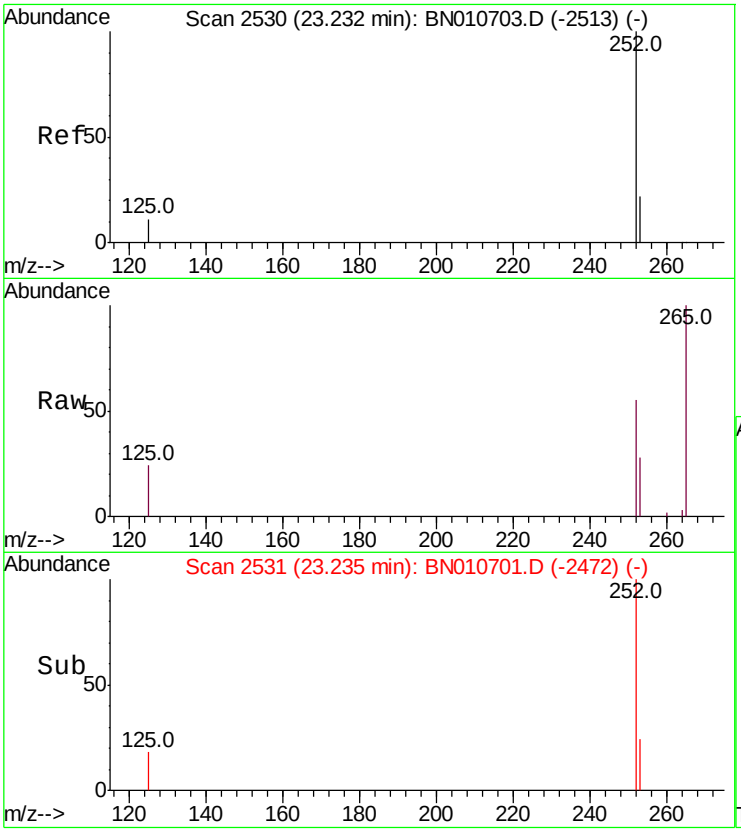


#36
Benzo(k)fluoranthene
Concen: 0.111 ng
RT: 22.73 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:252 Resp: 4669

Ion	Ratio	Lower	Upper
252	100		
253	41.4	21.9	32.9#
125	27.1	11.1	16.7#



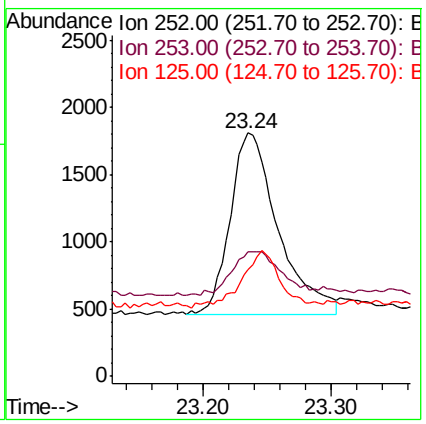


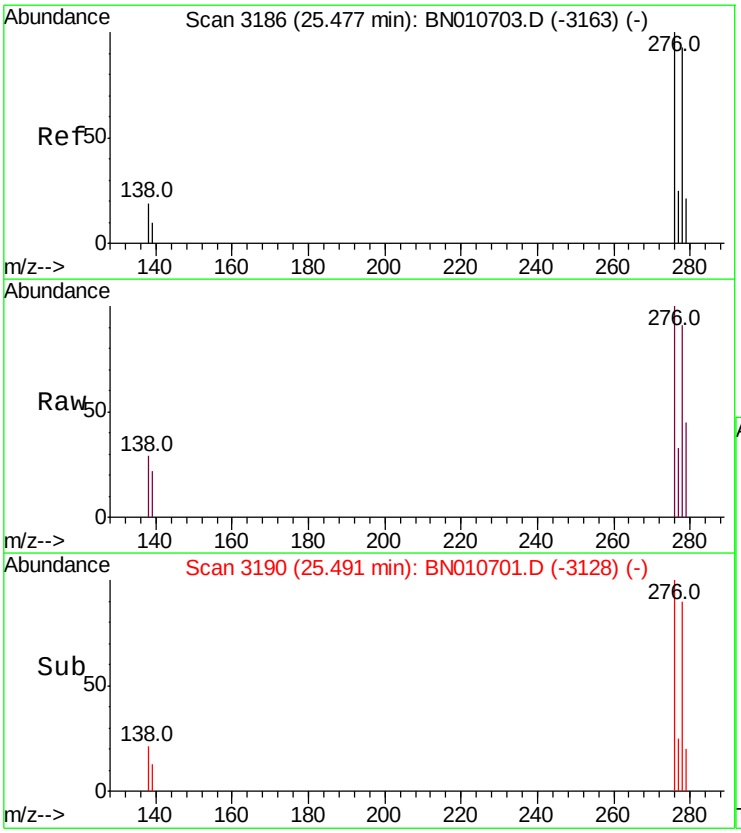
#37
Benzo(a)pyrene
Concen: 0.094 ng
RT: 23.24 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3490

Ion	Ratio	Lower	Upper
252	100		
253	51.2	24.8	37.2#
125	43.6	15.8	23.6#

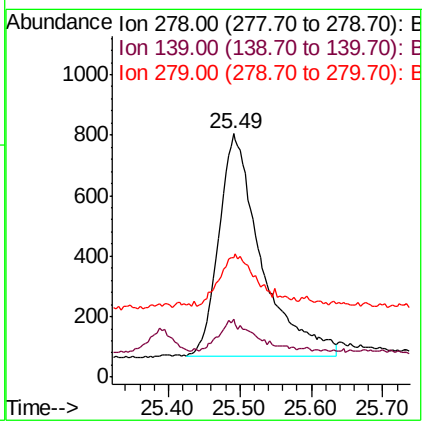


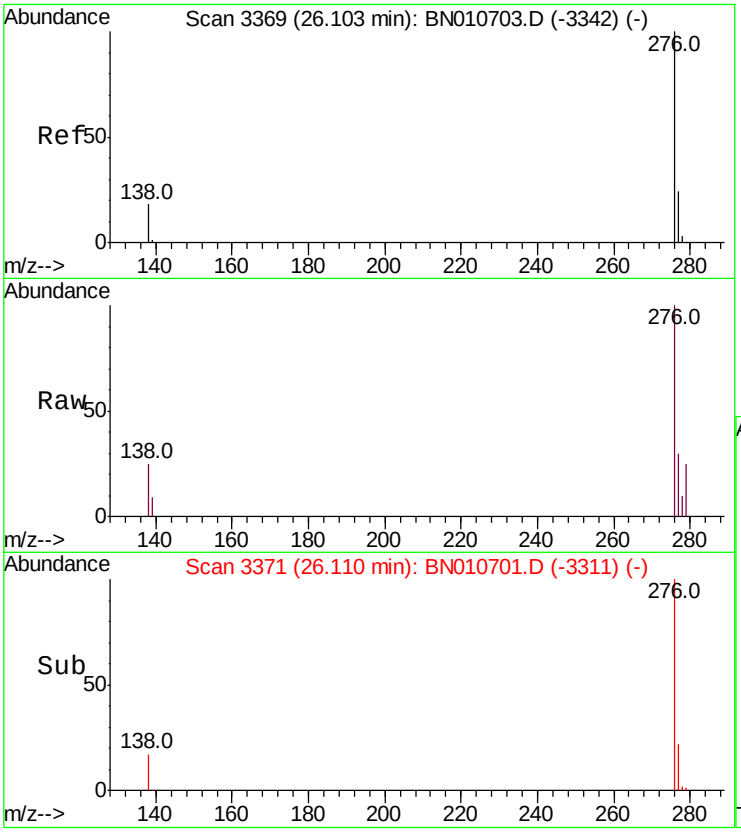


#38
Dibenzo(a,h)anthracene
Concen: 0.089 ng
RT: 25.49 min Scan# 3190
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Tgt Ion:278 Resp: 3015

Ion	Ratio	Lower	Upper
278	100		
139	23.6	13.0	19.4#
279	49.3	25.1	37.7#





#39
Benzo(g,h,i)perylene
Concen: 0.113 ng
RT: 26.11 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BN010701.D
Acq: 13 May 2020 10:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3849

Ion	Ratio	Lower	Upper
276	100		
277	30.2	20.6	30.8
138	24.9	16.0	24.0#