Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
Data File : BN010718.D
Acq On : 14 May 2020 18:45
Operator : CG/JU
Sample : L2182-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 15 01:53:08 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 14:18:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4451	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	17171	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	10660	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	22053	0.40	ng		0.00
27) Chrysene-d12	21.15	240	18271	0.40	ng		0.00
34) Perylene-d12	23.32	264	17112	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	2119	0.24	ng		0.00
5) Phenol-d6	6.78	99	2557	0.24	ng		0.00
8) Nitrobenzene-d5	8.72	82	3087	0.26	ng		0.01
11) 2-Methylnaphthalene-d10	11.93	152	6609	0.24	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	801	0.21	ng		0.01
15) 2-Fluorobiphenyl	12.83	172	9340	0.24	ng		0.01
25) Fluoranthene-d10	18.99	212	14086	0.24	ng		0.00
29) Terphenyl-d14	19.60	244	11114	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	256	0.067	ng	#	89
3) n-Nitrosodimethylamine	3.59	42	124	0.056	ng	#	91
6) bis(2-Chloroethyl)ether	7.03	93	768	0.070	ng		96
9) Naphthalene	10.38	128	3146	0.073	ng		95
10) Hexachlorobutadiene	10.67	225	706	0.071	ng	#	97
12) 2-Methylnaphthalene	12.00	142	2201	0.072	ng		98
16) Acenaphthylene	13.92	152	2813	0.065	ng		98
17) Acenaphthene	14.27	154	1994	0.068	ng		99
18) Fluorene	15.26	166	2568	0.067	ng		98
20) 4-Bromophenyl-phenylether	16.16	248	756	0.062	ng		91
21) Hexachlorobenzene	16.27	284	1105	0.076	ng		95
22) Pentachlorophenol	16.62	266	489	0.109	ng		94
23) Phenanthrene	17.00	178	4122	0.070	ng		98
24) Anthracene	17.09	178	3227	0.065	ng		100
26) Fluoranthene	19.02	202	4675	0.070	ng		98
28) Pyrene	19.38	202	4586	0.070	ng		99
30) Benzo(a)anthracene	21.14	228	3604	0.068	ng		97
31) Chrysene	21.19	228	4435	0.074	ng		97
32) Bis(2-ethylhexyl)phthalate	21.09	149	2029	0.087	ng	#	98
33) Indeno(1,2,3-cd)pyrene	25.47	276	3877	0.072	ng		98
35) Benzo(b)fluoranthene	22.68	252	3774	0.067	ng	#	72
36) Benzo(k)fluoranthene	22.72	252	4326	0.071	ng	#	71
37) Benzo(a)pyrene	23.23	252	3193	0.065	ng	#	54
38) Dibenzo(a,h)anthracene	25.48	278	3097	0.074	ng	#	71
39) Benzo(g,h,i)perylene	26.11	276	3696	0.075	ng	#	90

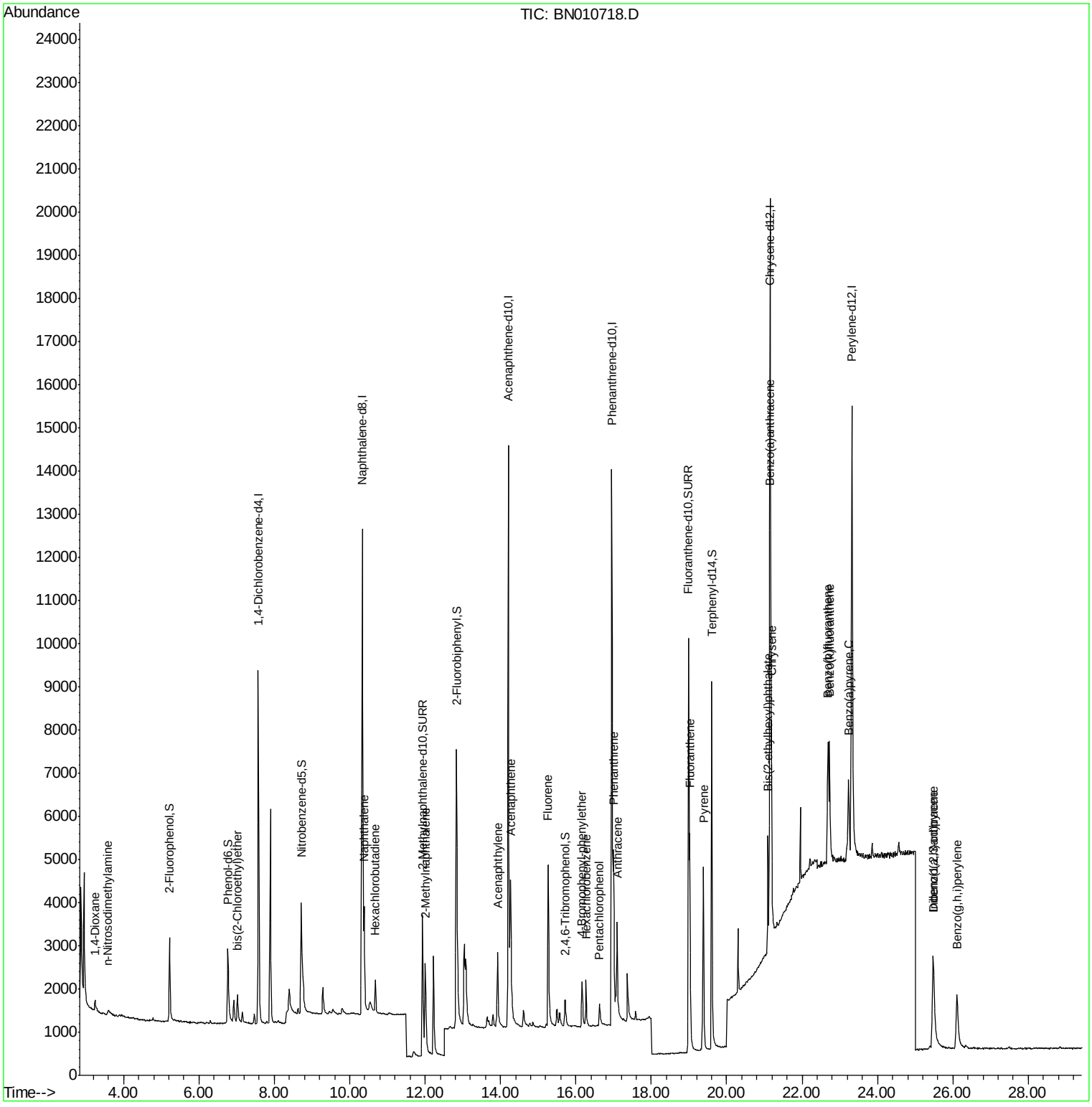
(#) = qualifier out of range (m) = manual integration (+) = signals summed

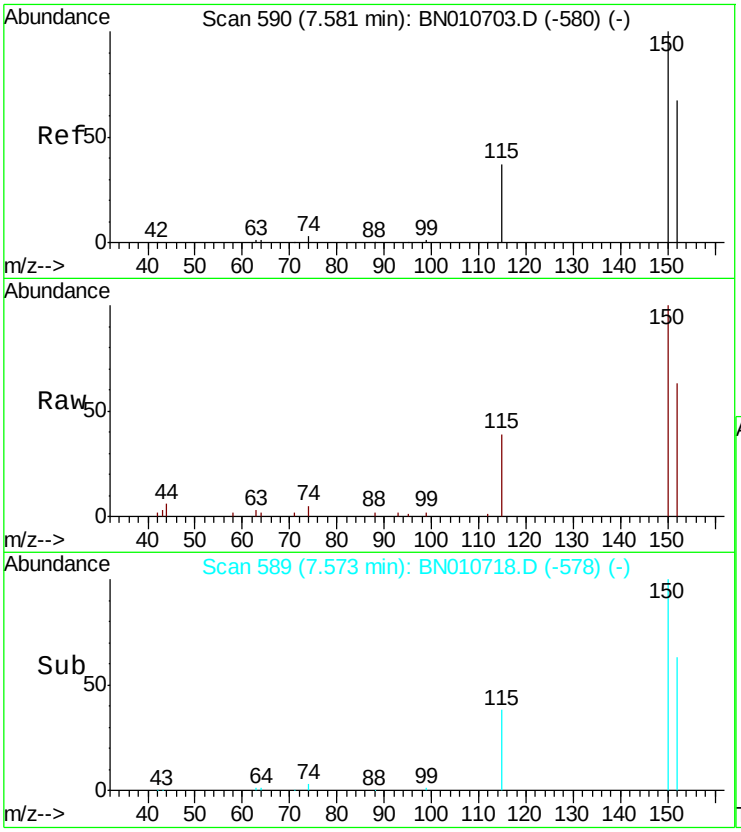
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
Data File : BN010718.D
Acq On : 14 May 2020 18:45
Operator : CG/JU
Sample : L2182-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 15 01:53:08 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 14:18:48 2020
Response via : Initial Calibration



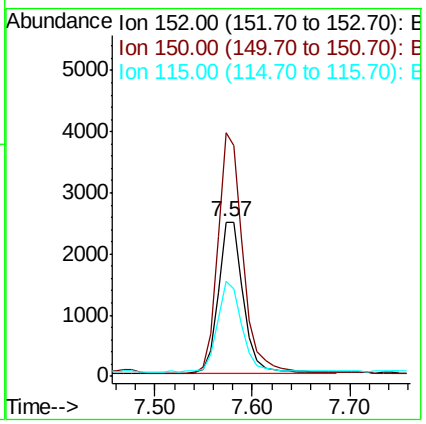


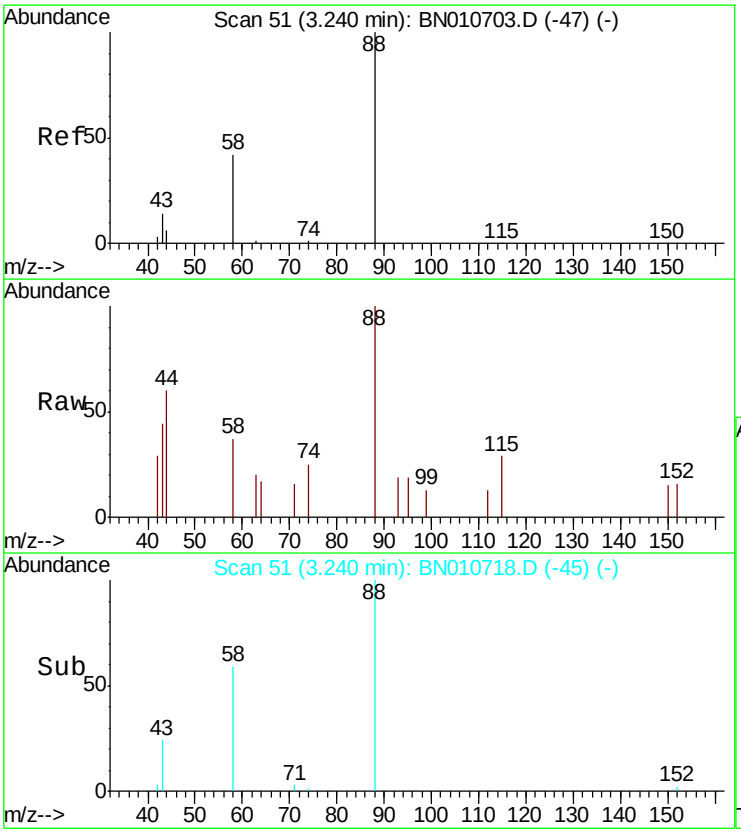
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4451

Ion	Ratio	Lower	Upper
152	100		
150	157.8	119.4	179.0
115	61.7	45.9	68.9

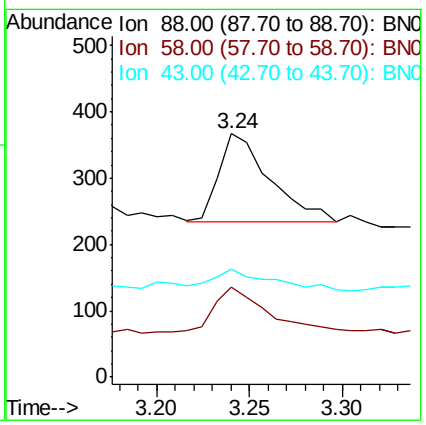


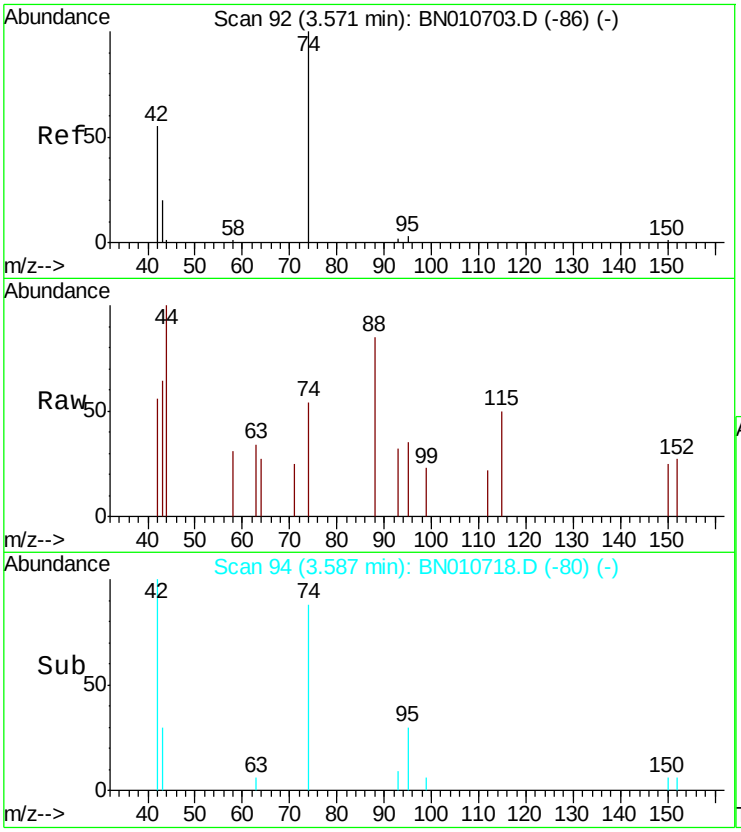


#2
1,4-Dioxane
Concen: 0.067 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion: 88 Resp: 256

Ion	Ratio	Lower	Upper
88	100		
58	51.6	39.0	58.6
43	30.1	13.1	19.7#

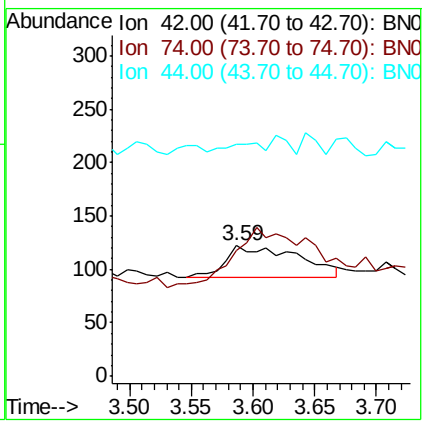




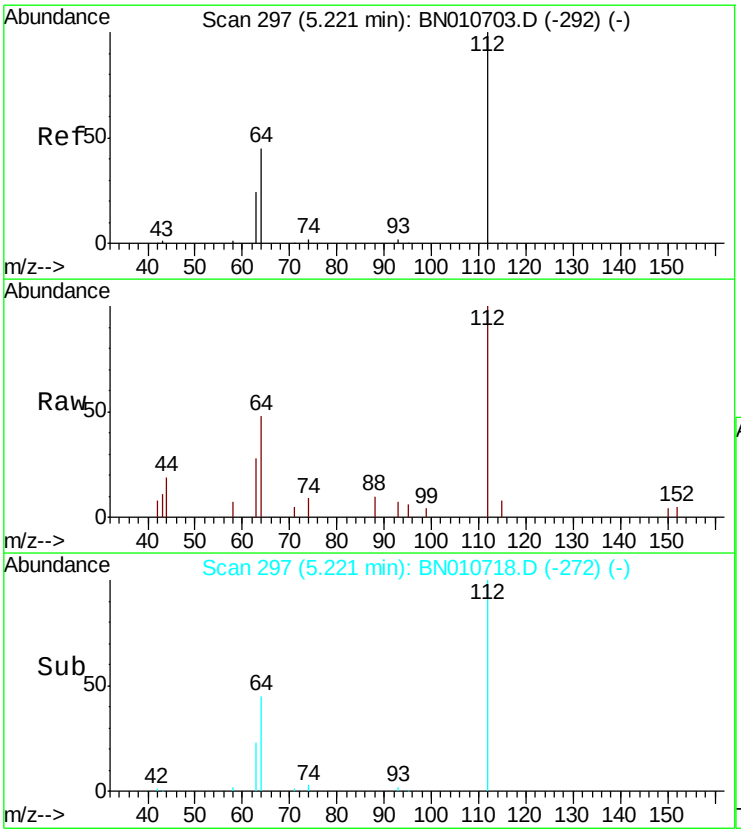
#3
n-Nitrosodimethylamine
Concen: 0.056 ng
RT: 3.59 min Scan# 94
Delta R.T. 0.02 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion: 42 Resp: 124

Ion	Ratio	Lower	Upper
42	100		
74	169.4	146.2	219.2
44	0.0	3.0	4.4#



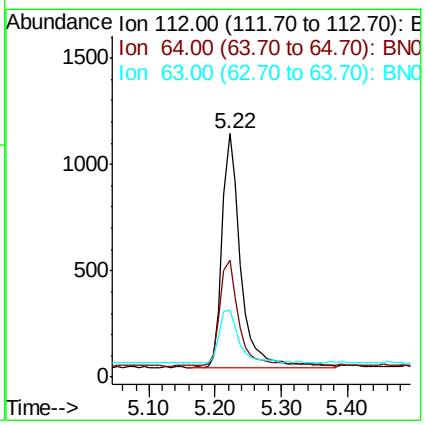
Instrument :
BNA_N
ClientSampleId :

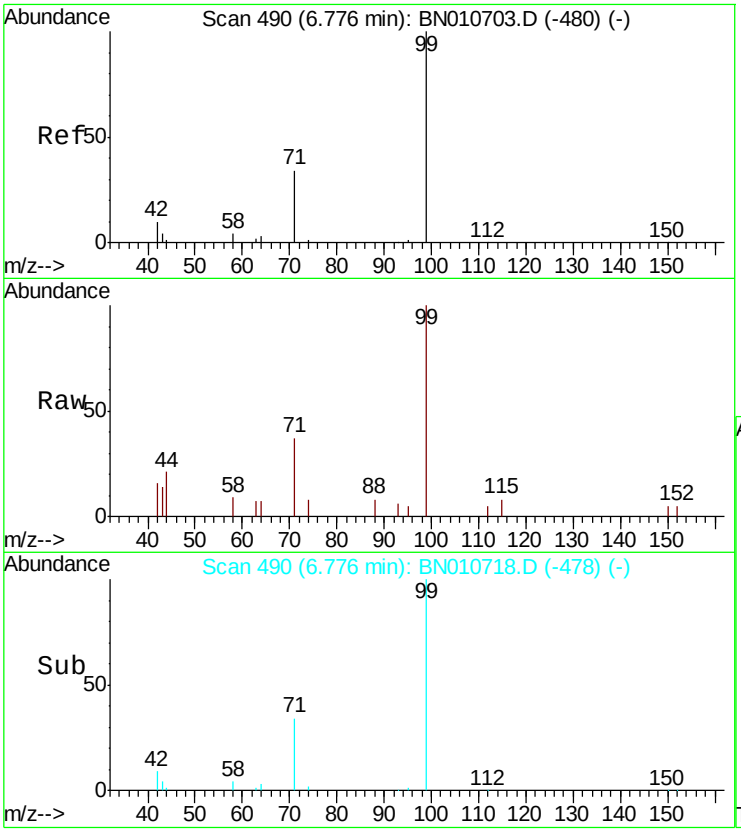


#4
2-Fluorophenol
Concen: 0.243 ng
RT: 5.22 min Scan# 297
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:112 Resp: 2119

Ion	Ratio	Lower	Upper
112	100		
64	46.6	36.2	54.4
63	24.2	19.8	29.8



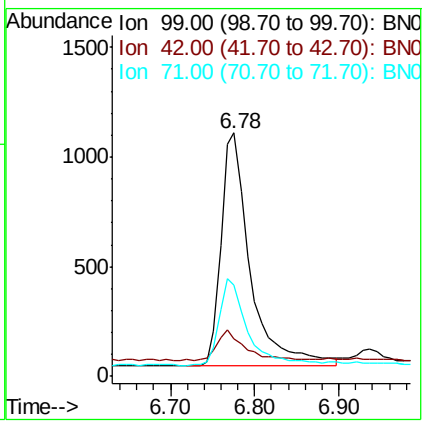


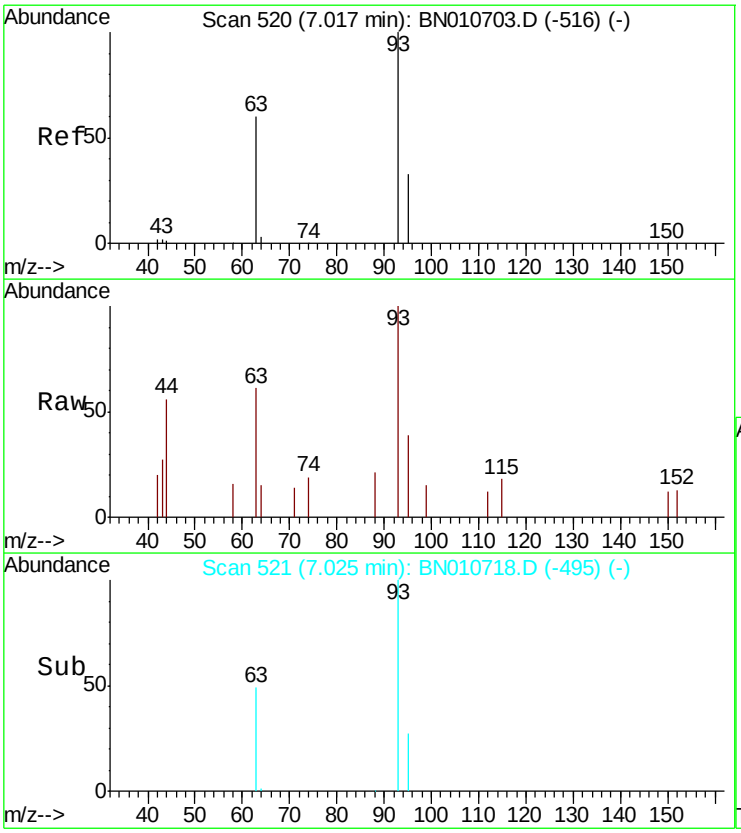
#5
Phenol-d6
Concen: 0.240 ng
RT: 6.78 min Scan# 490
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2557

Ion	Ratio	Lower	Upper
99	100		
42	13.0	9.8	14.8
71	36.8	28.6	42.8

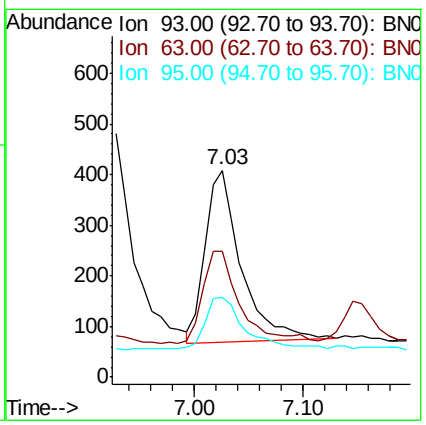


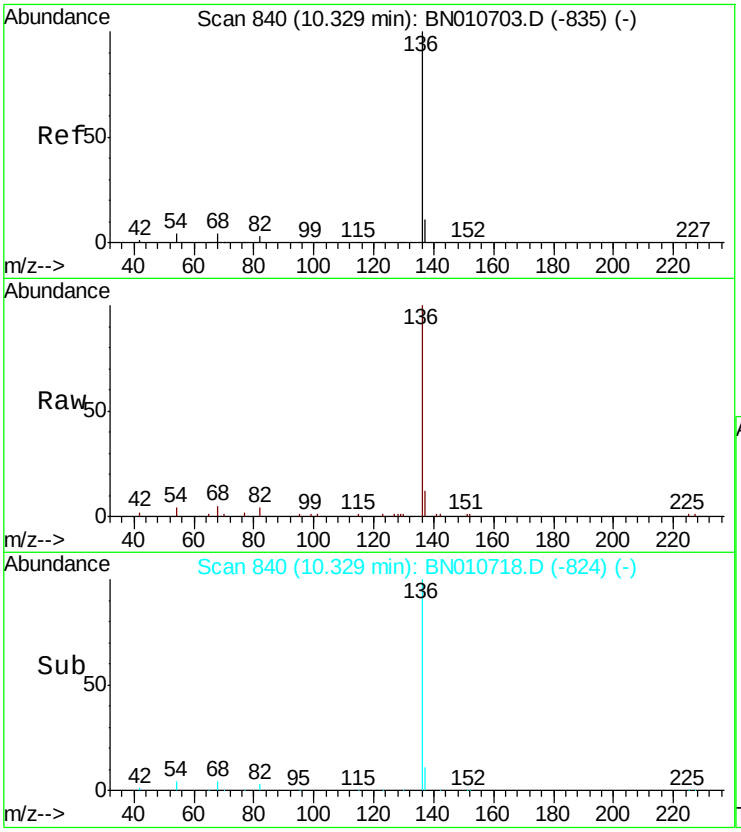


#6
bis(2-Chloroethyl)ether
Concen: 0.070 ng
RT: 7.03 min Scan# 521
Delta R.T. 0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion: 93 Resp: 768

Ion	Ratio	Lower	Upper
93	100		
63	56.9	43.1	64.7
95	33.3	24.6	37.0



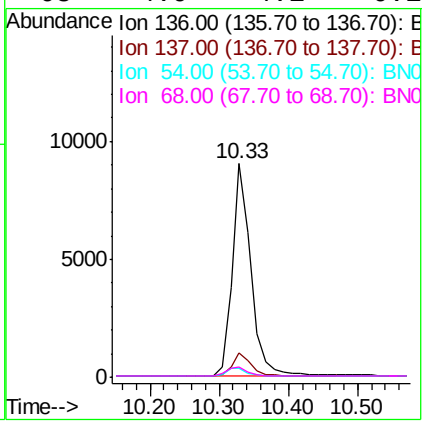


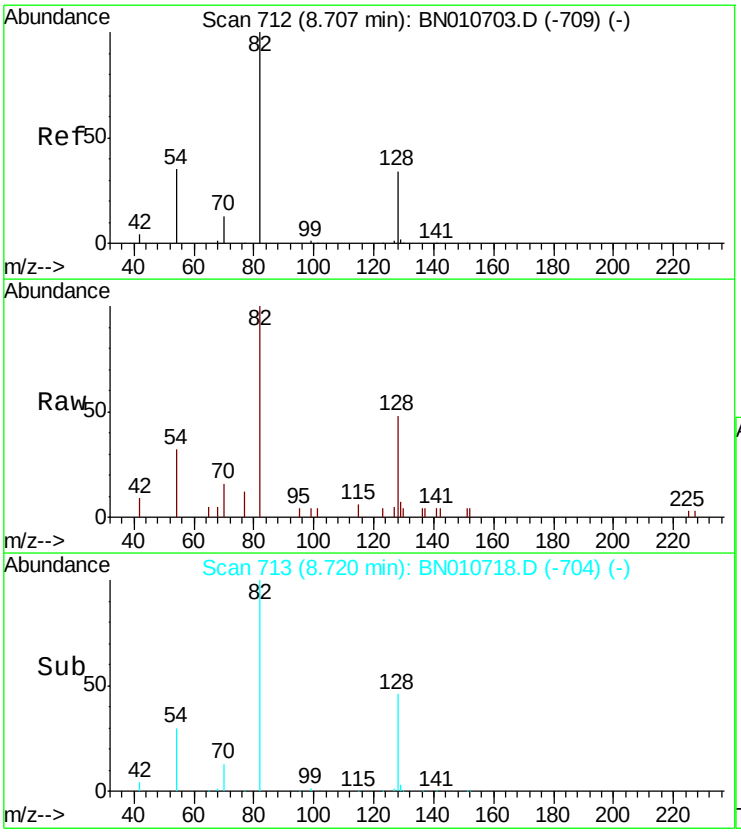
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 17171

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	4.3	3.6	5.4
68	4.9	4.1	6.1

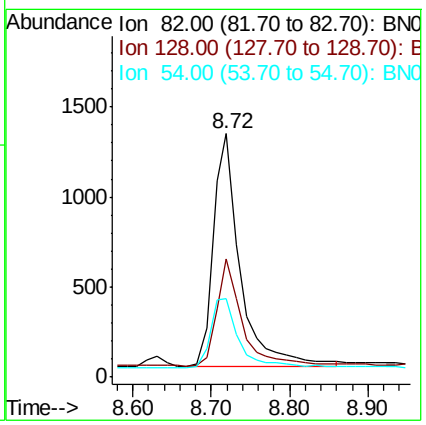


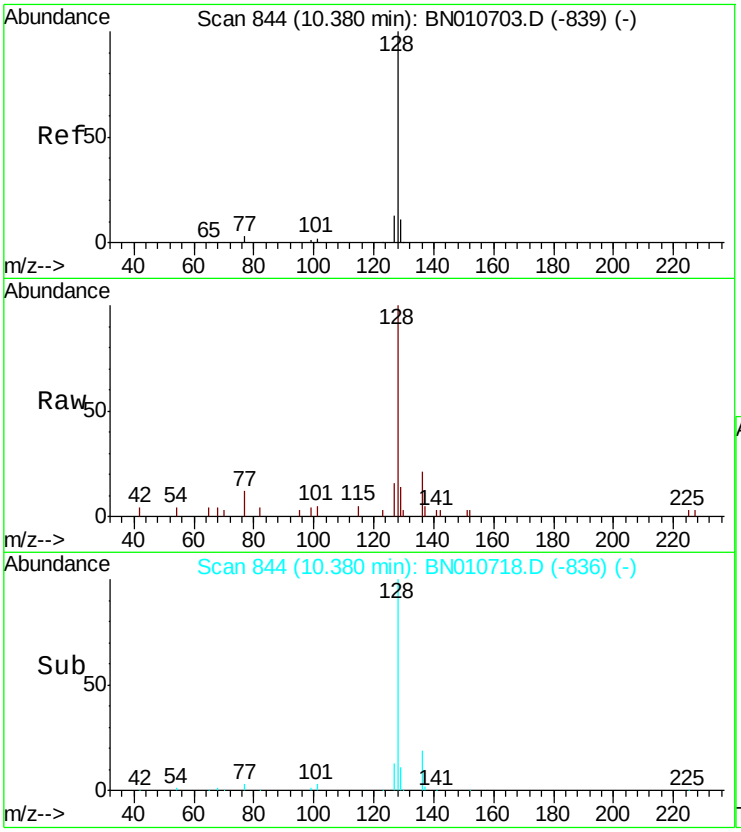


#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion: 82 Resp: 3087

Ion	Ratio	Lower	Upper
82	100		
128	48.4	29.0	43.4#
54	32.0	29.3	43.9



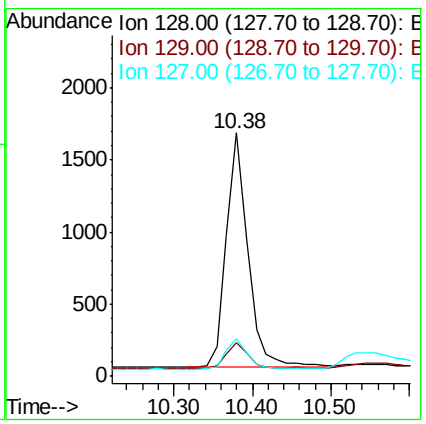


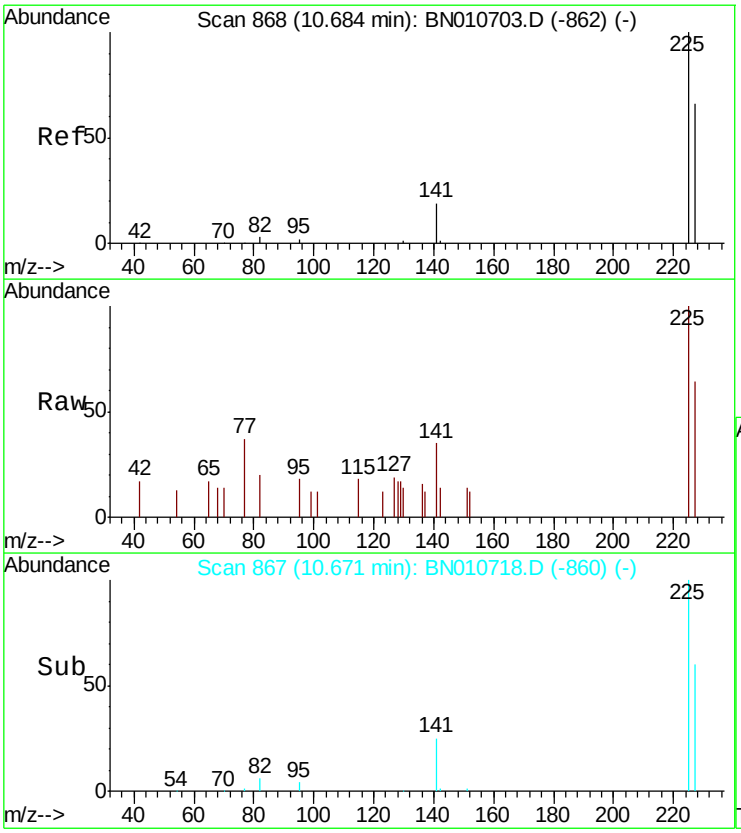
#9
Naphthalene
Concen: 0.073 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 3146

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.3	13.9
127	15.6	11.0	16.6

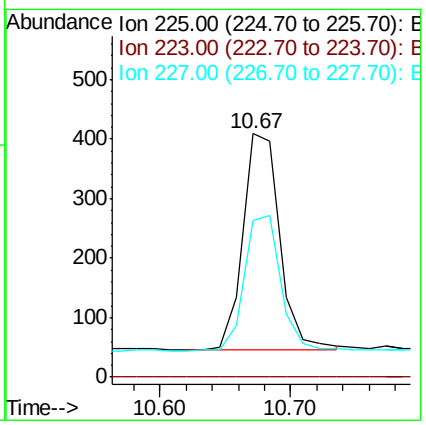


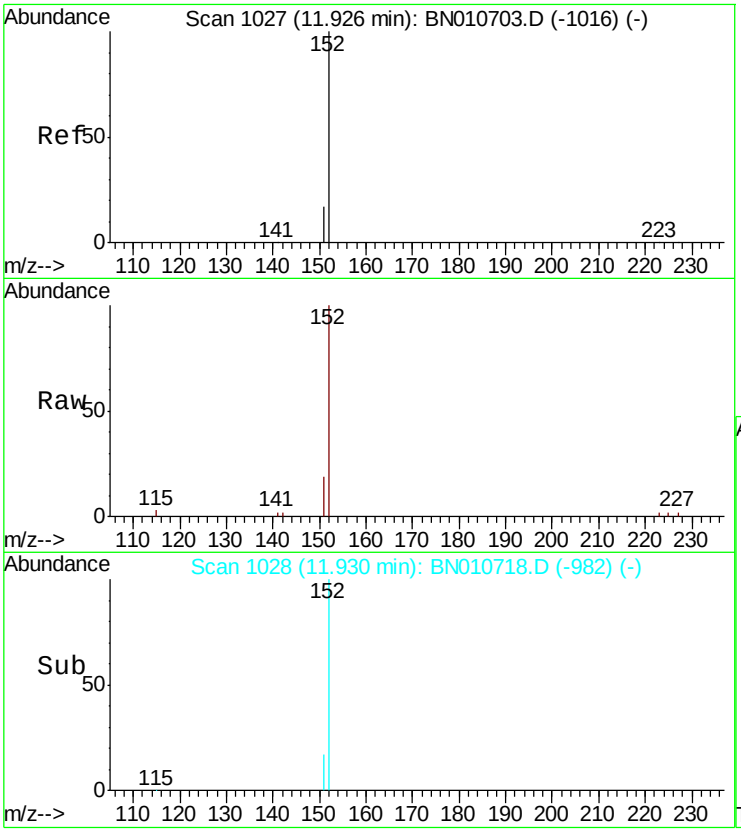


#10
Hexachlorobutadiene
Concen: 0.071 ng
RT: 10.67 min Scan# 867
Delta R.T. -0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:225 Resp: 706

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.3	50.7	76.1



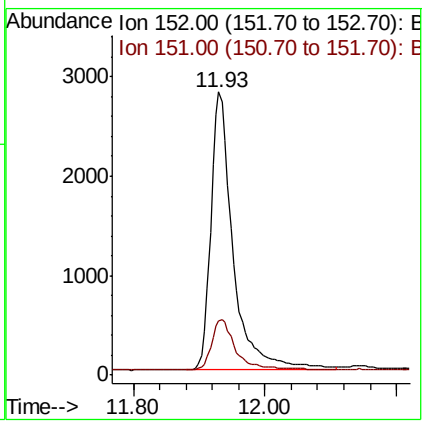


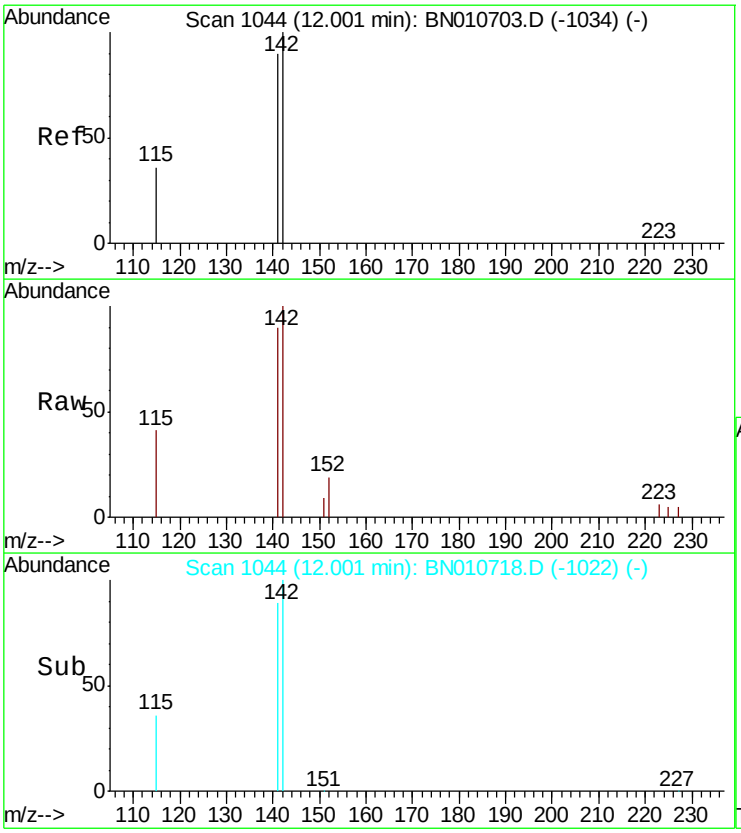
#11
2-Methylnaphthalene-d10
Concen: 0.236 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6609

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.6

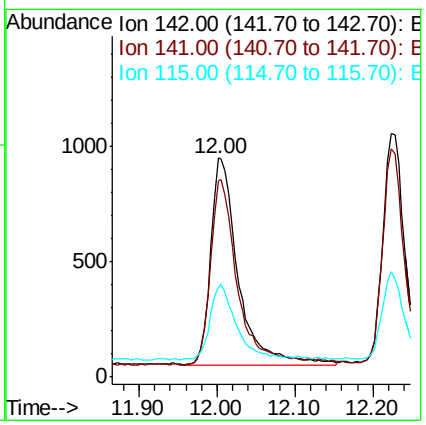


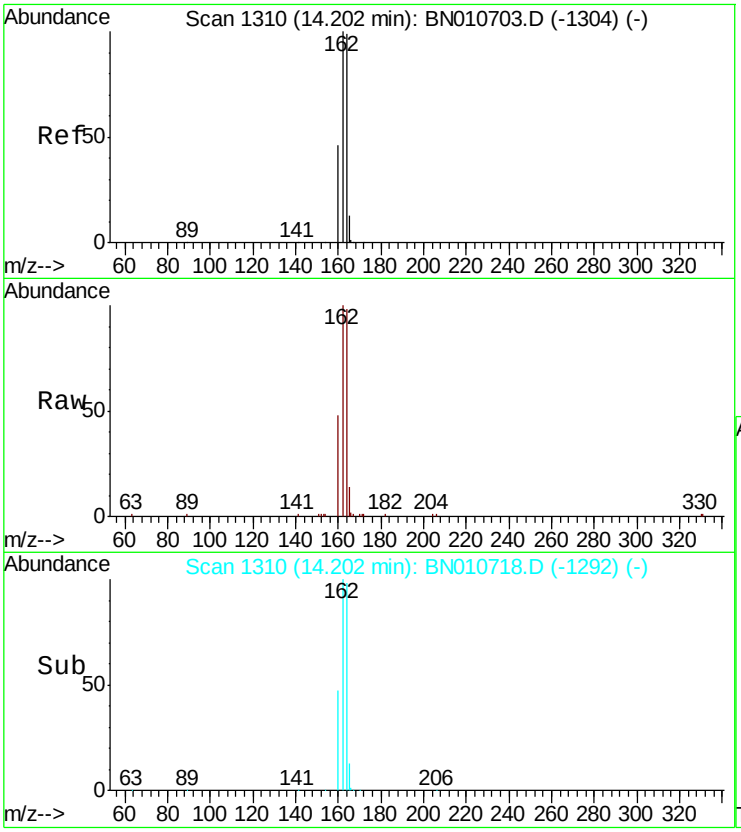


#12
2-Methylnaphthalene
Concen: 0.072 ng
RT: 12.00 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:142 Resp: 2201

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	41.2	29.8	44.6



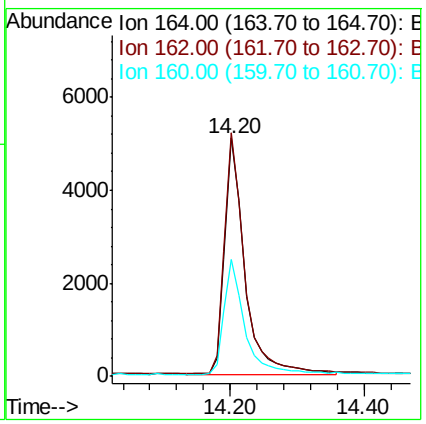


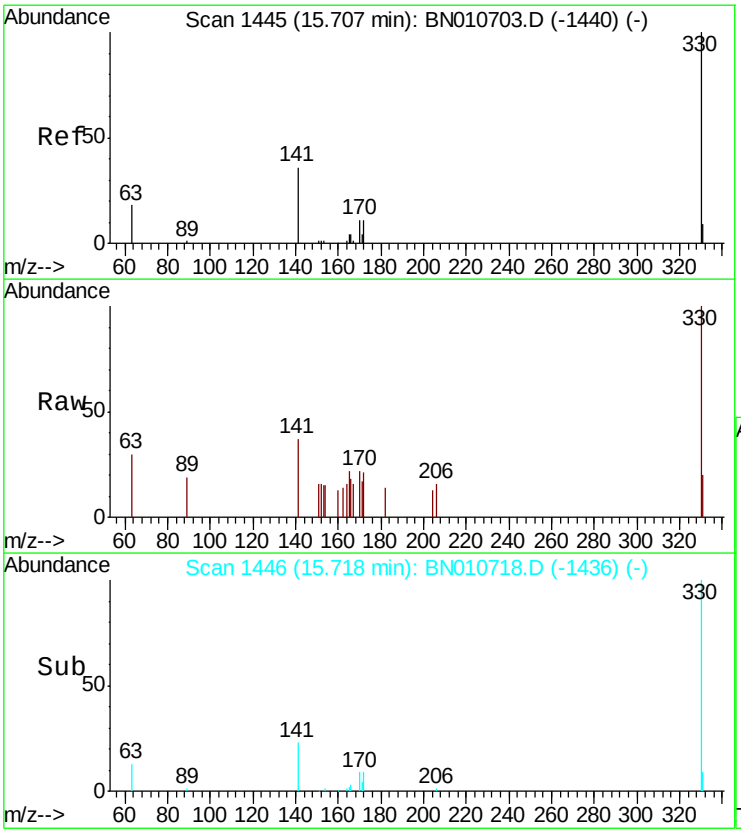
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10660

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.1	121.7
160	49.0	37.9	56.9

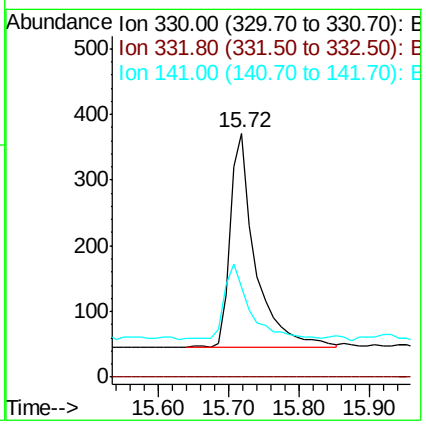


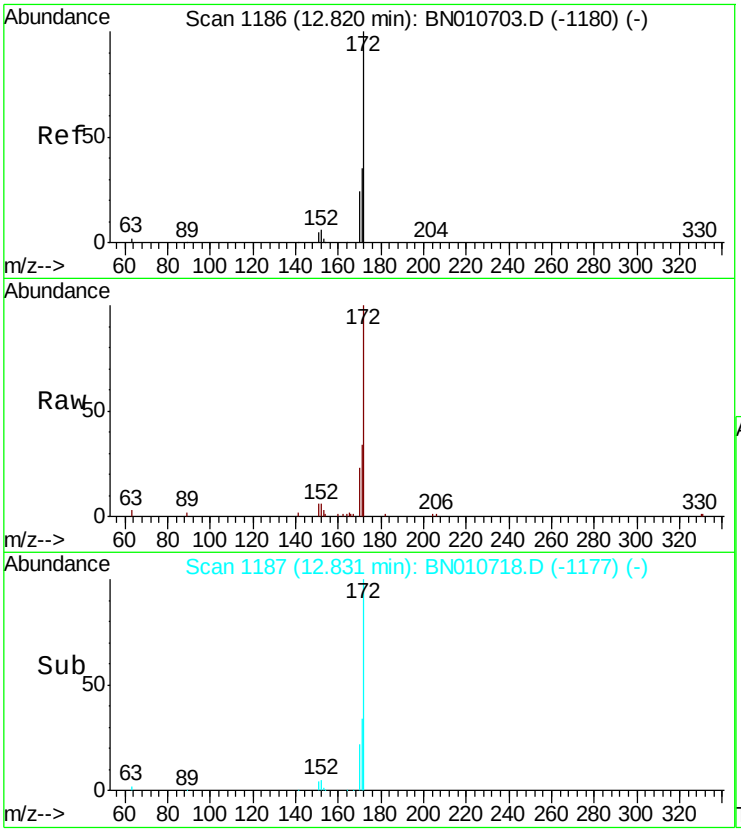


#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 15.72 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:330 Resp: 801

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.2	28.8	43.2



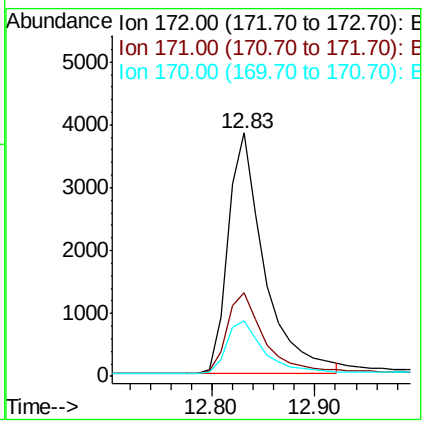


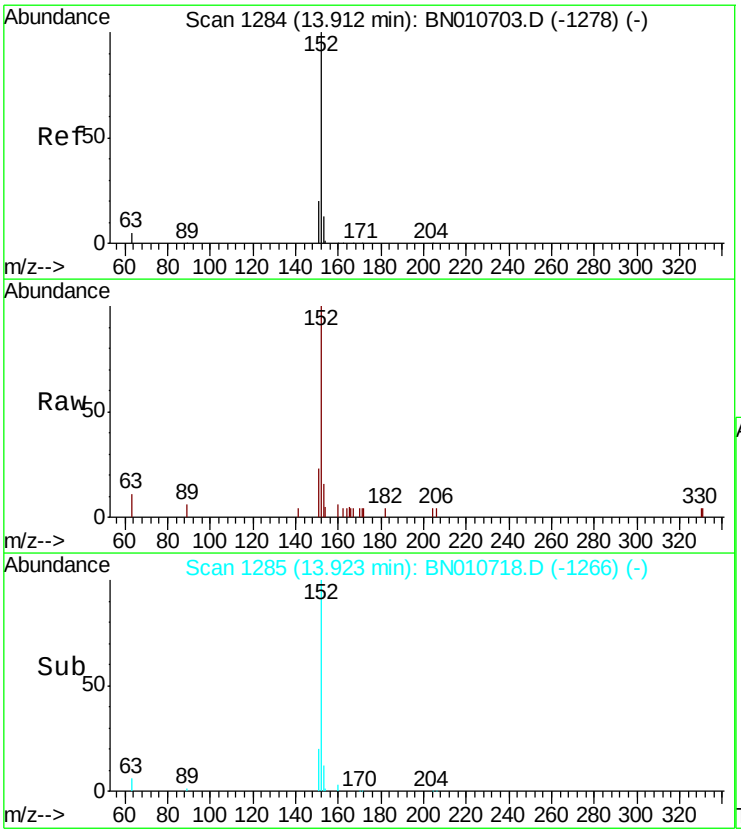
#15
2-Fluorobiphenyl
Concen: 0.239 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9340

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	22.9	19.8	29.8

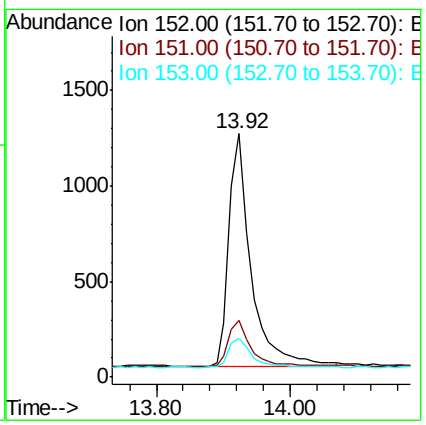


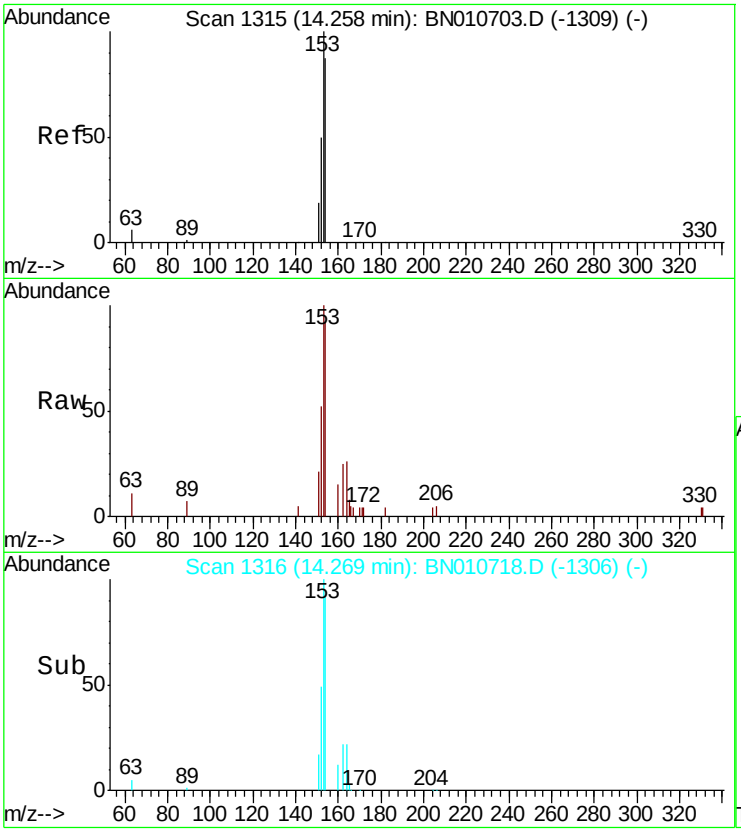


#16
Acenaphthylene
Concen: 0.065 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:152 Resp: 2813

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.6	23.4
153	14.0	10.4	15.6



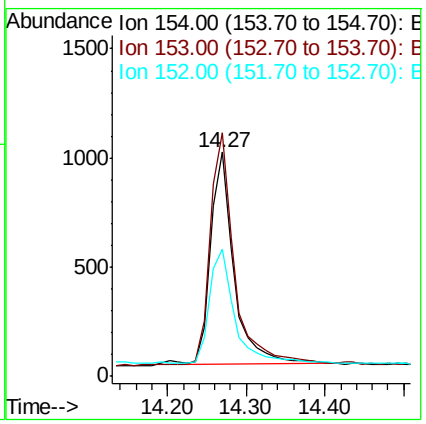


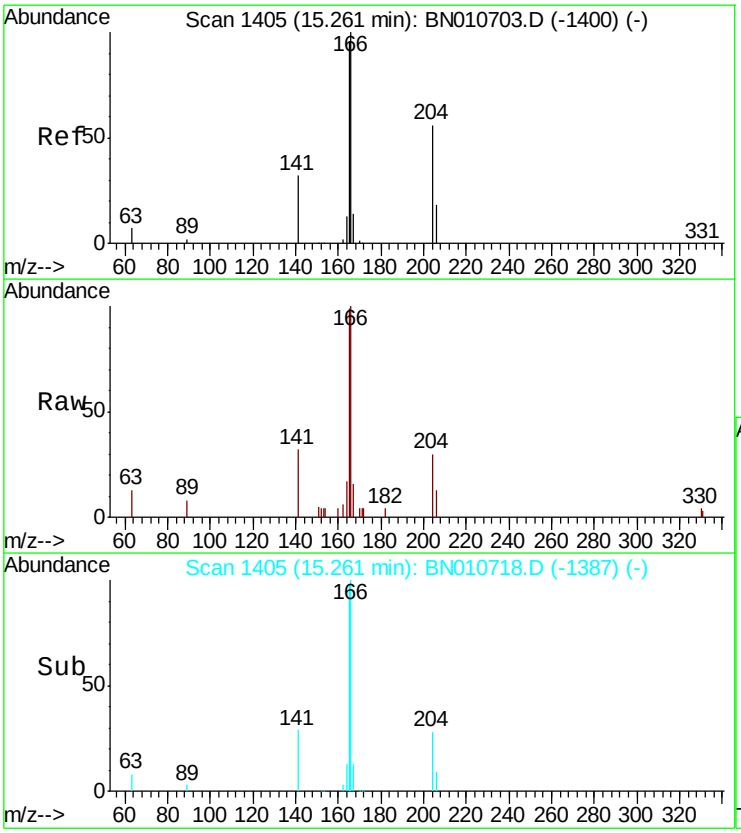
#17
Acenaphthene
Concen: 0.068 ng
RT: 14.27 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1994

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.5	137.3
152	58.7	45.6	68.4

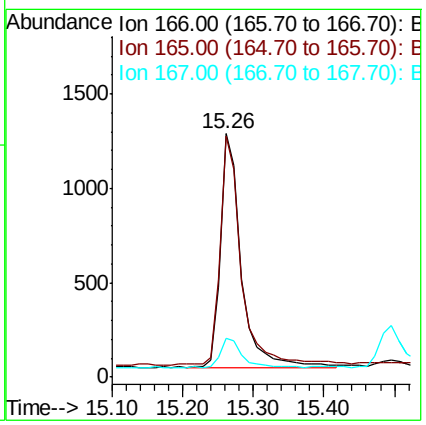


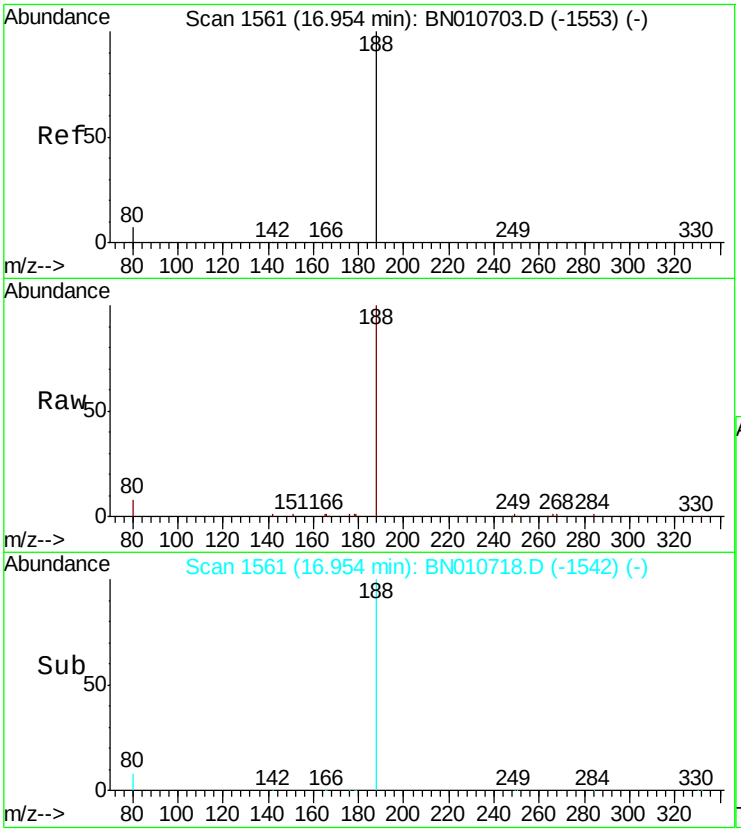


#18
Fluorene
Concen: 0.067 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:166 Resp: 2568

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	13.6	11.0	16.4



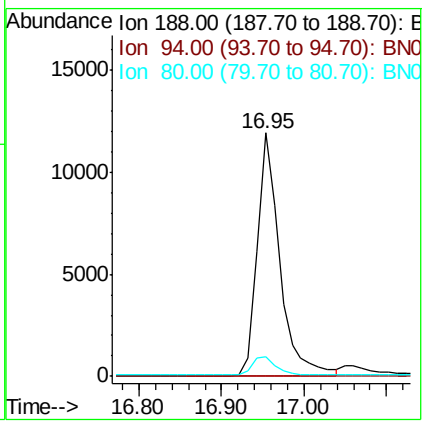


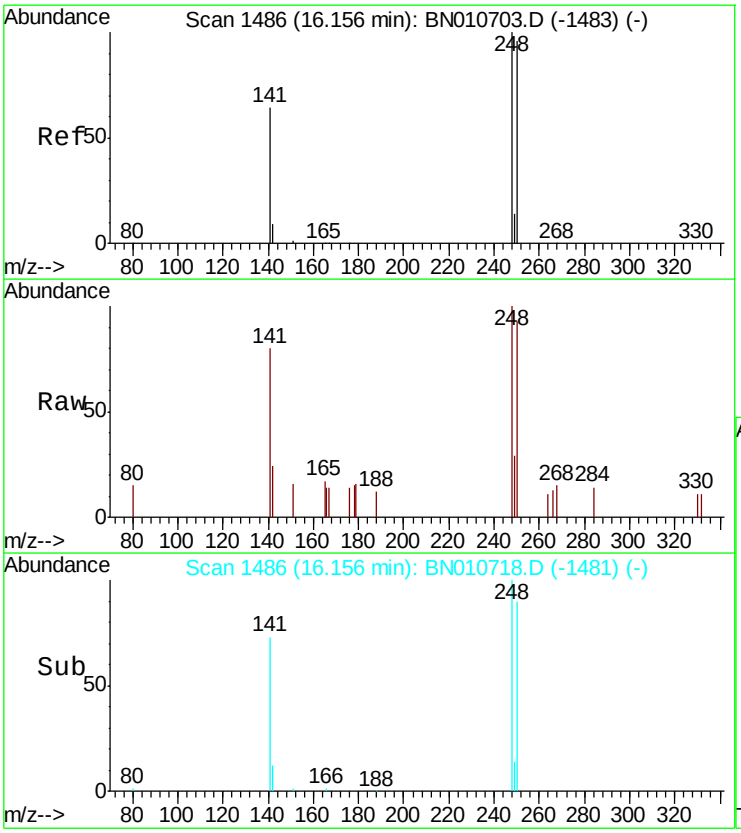
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 22053

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.3	9.5

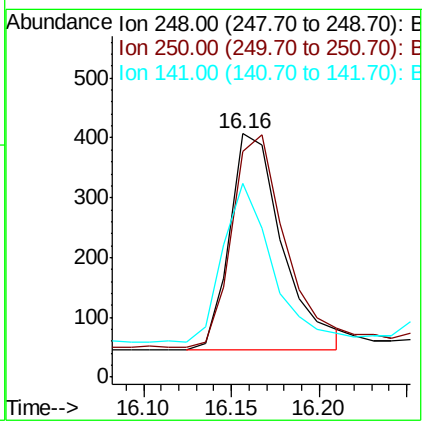


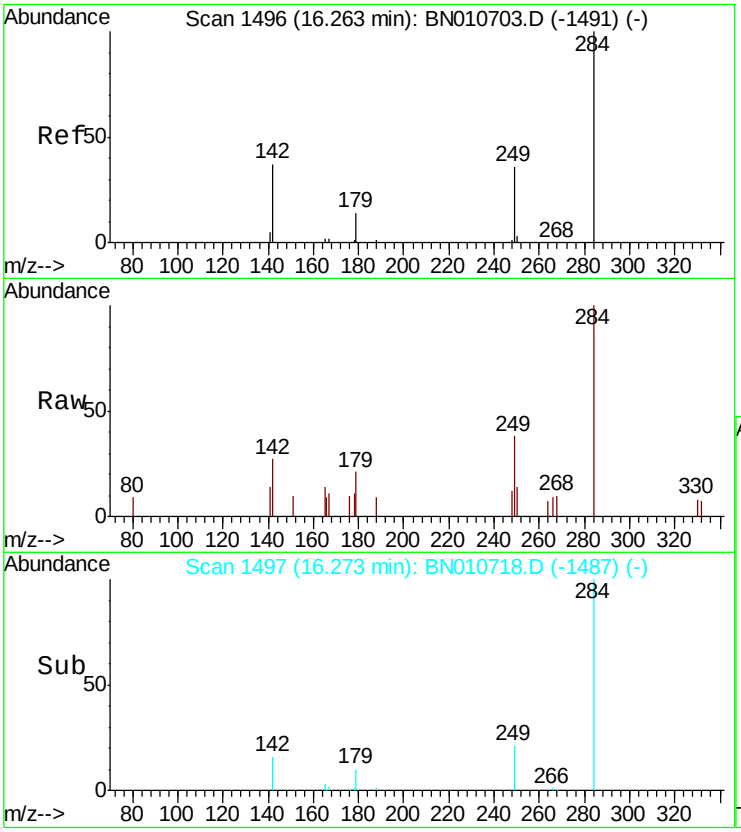


#20
4-Bromophenyl-phenylether
Concen: 0.062 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:248 Resp: 756

Ion	Ratio	Lower	Upper
248	100		
250	92.6	77.4	116.0
141	79.6	53.1	79.7



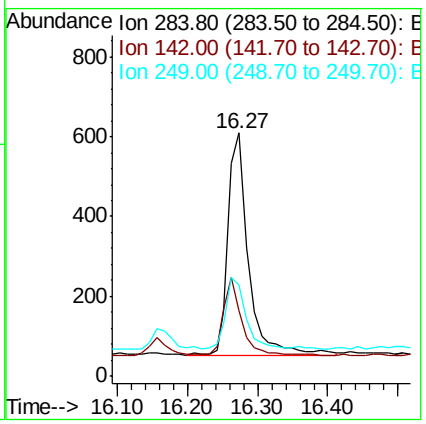


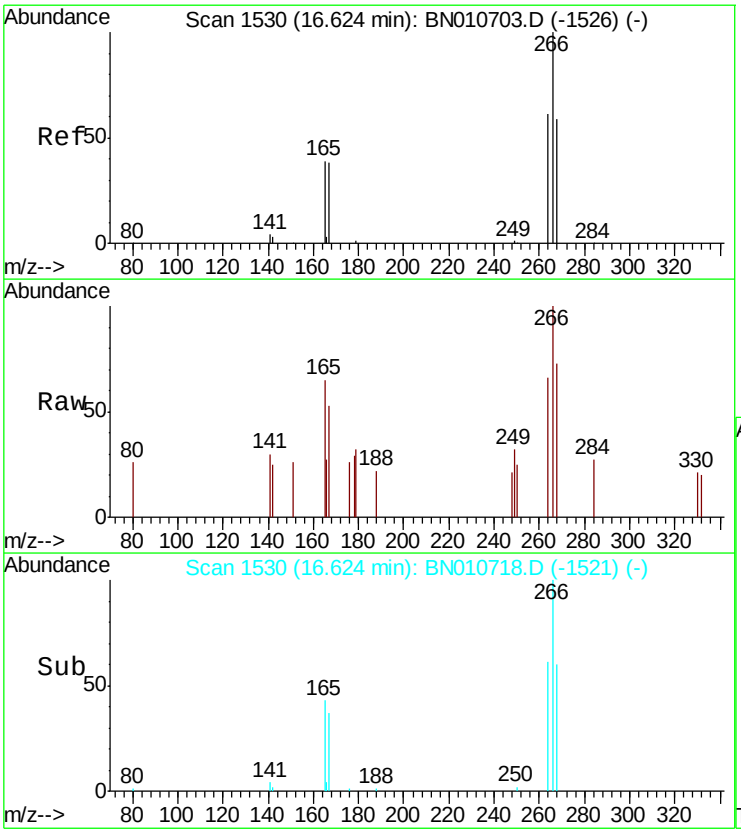
#21
Hexachlorobenzene
Concen: 0.076 ng
RT: 16.27 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 1105

Ion	Ratio	Lower	Upper
284	100		
142	31.8	28.2	42.2
249	31.1	26.4	39.6

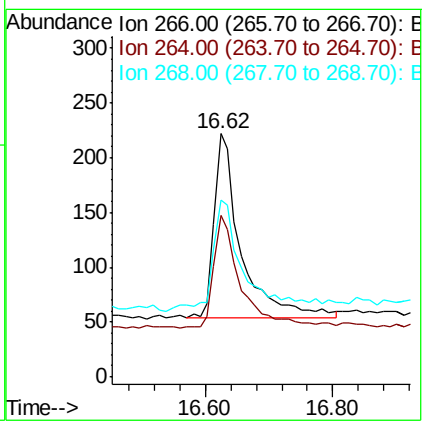


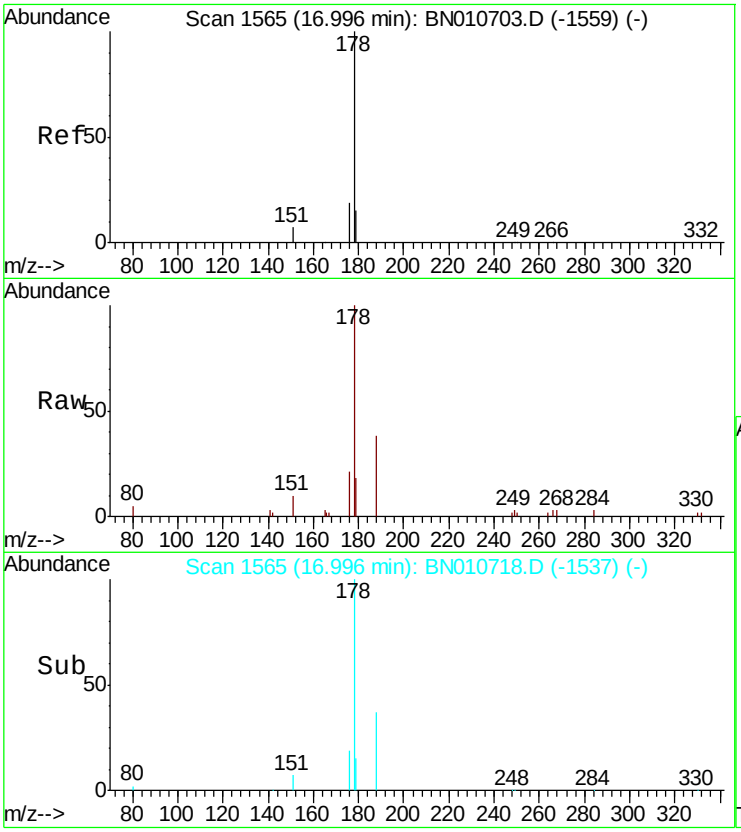


#22
Pentachlorophenol
Concen: 0.109 ng
RT: 16.62 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:266 Resp: 489

Ion	Ratio	Lower	Upper
266	100		
264	66.2	51.1	76.7
268	72.5	52.1	78.1



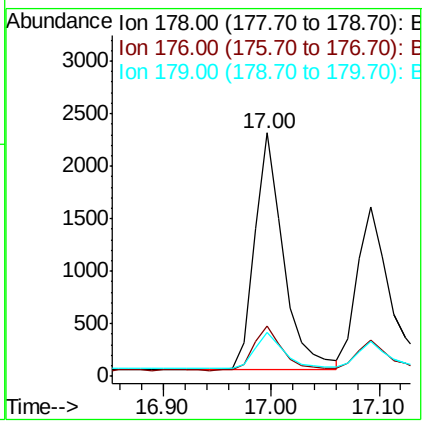


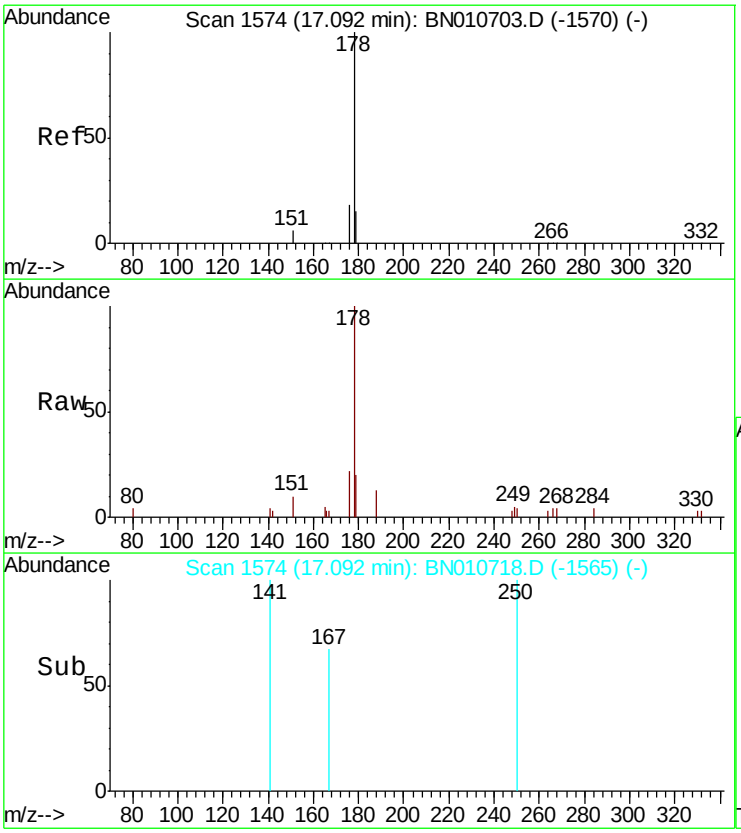
#23
Phenanthrene
Concen: 0.070 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 4122

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	16.3	12.2	18.4

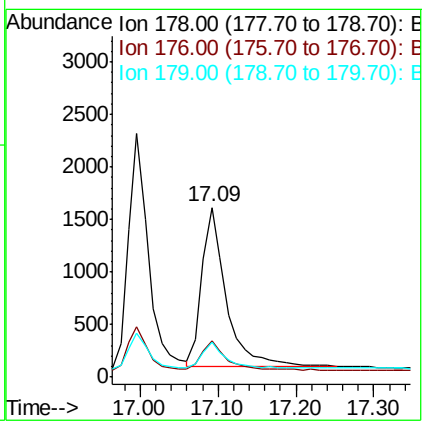


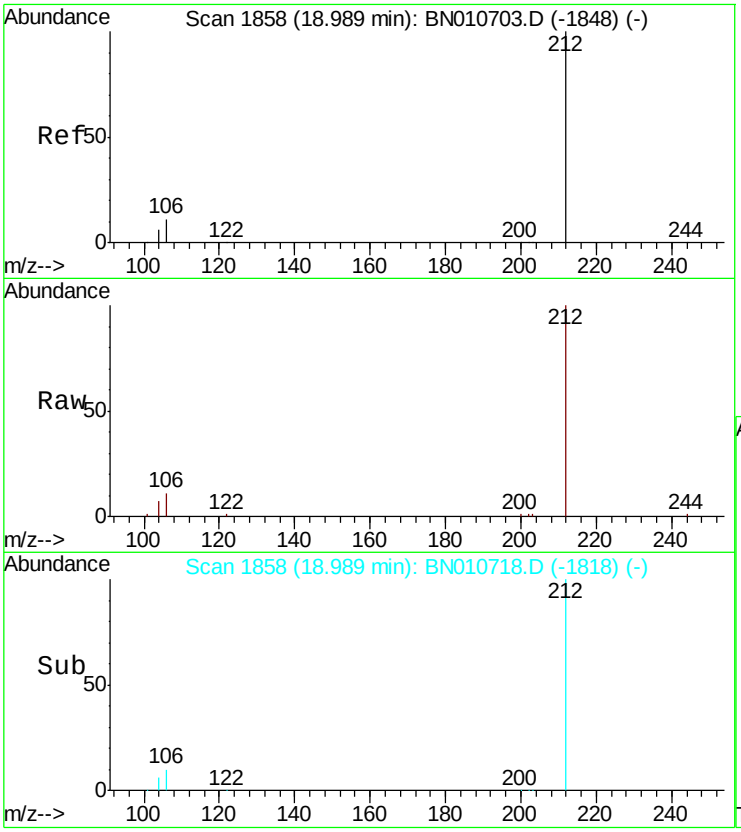


#24
Anthracene
Concen: 0.065 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:178 Resp: 3227

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.3	12.3	18.5



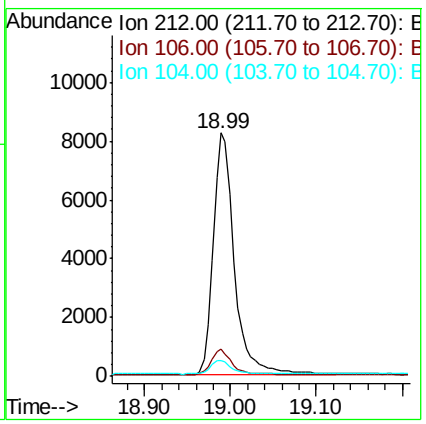


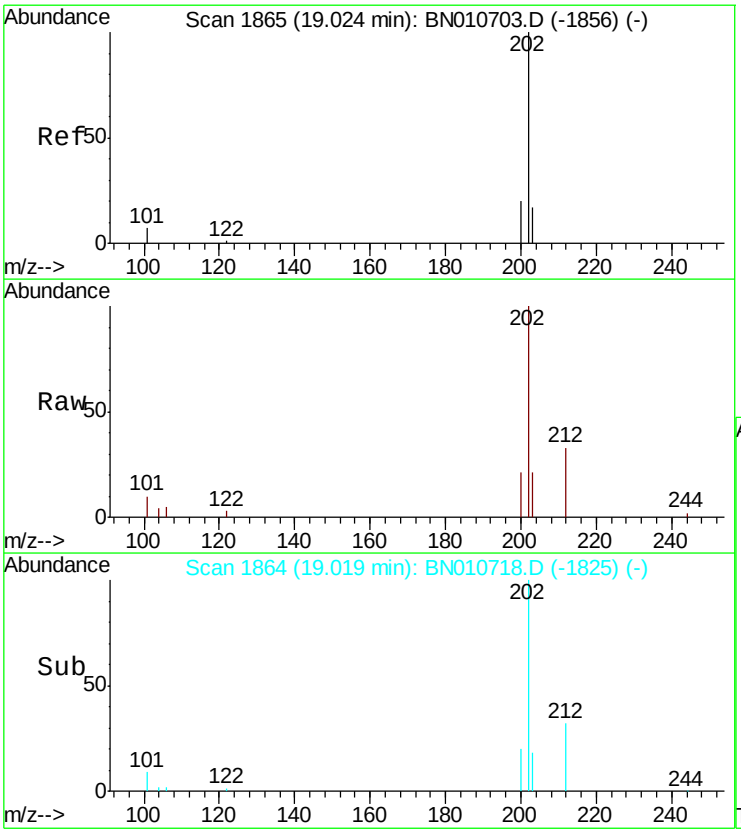
#25
Fluoranthene-d10
Concen: 0.235 ng
RT: 18.99 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 14086

Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.2	12.2
104	6.0	4.7	7.1

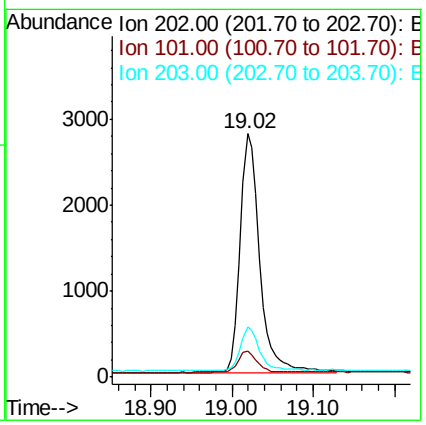


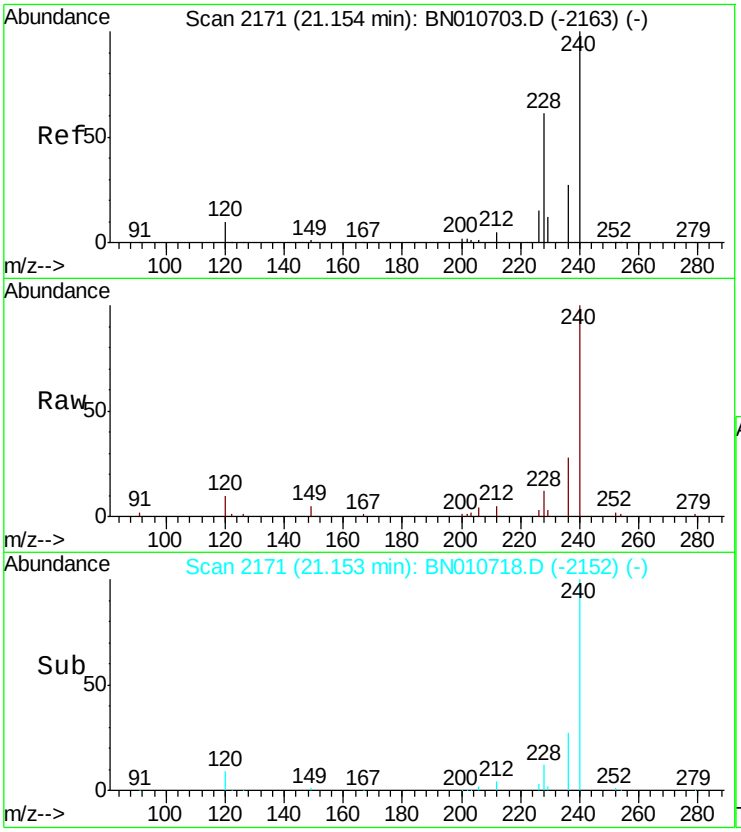


#26
Fluoranthene
Concen: 0.070 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:202 Resp: 4675

Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.7	10.1
203	17.6	13.4	20.0



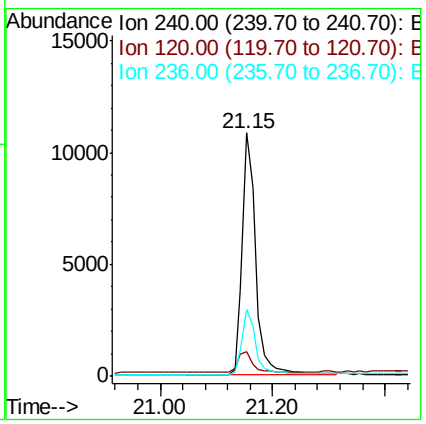


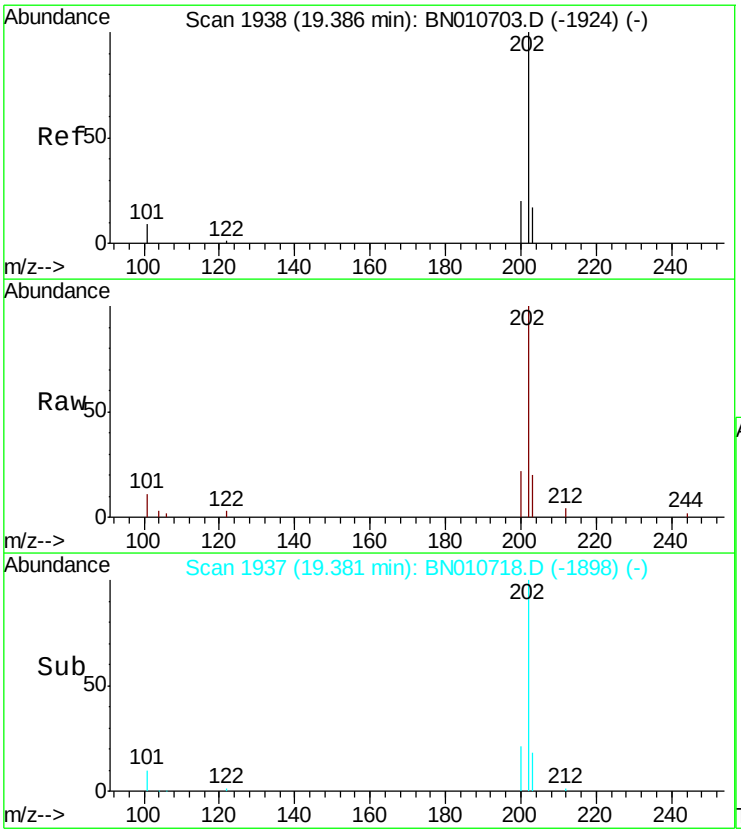
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 18271

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	27.6	22.5	33.7

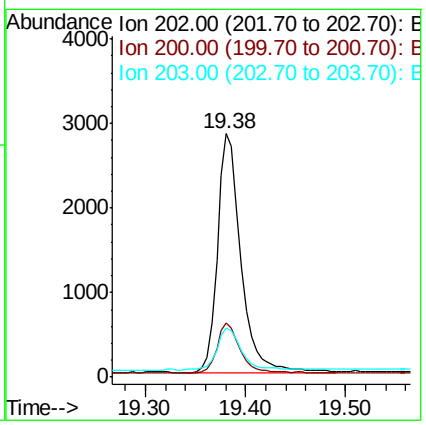


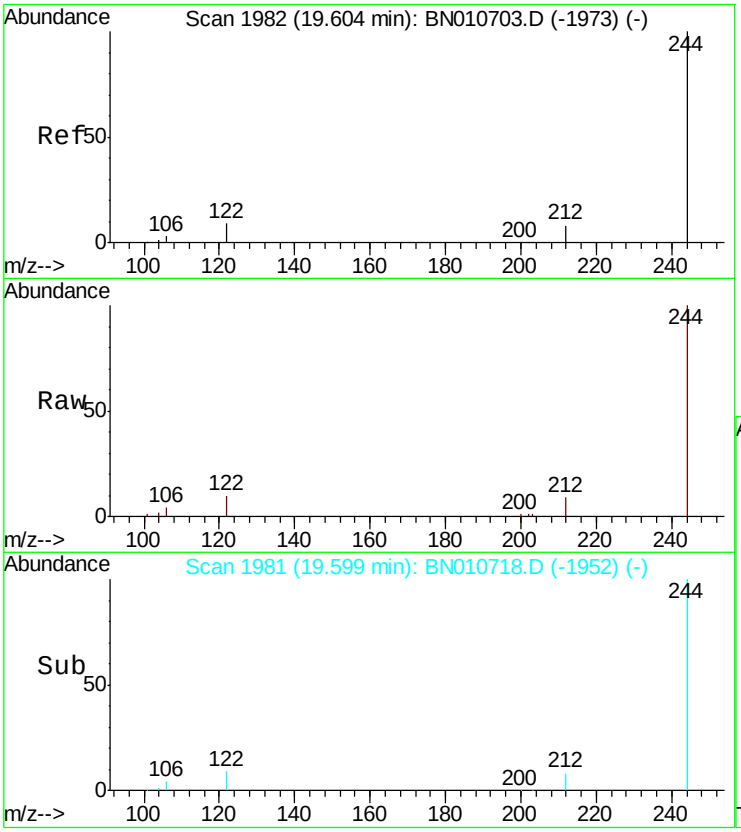


#28
Pyrene
Concen: 0.070 ng
RT: 19.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:202 Resp: 4586

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.2	24.4
203	18.3	14.1	21.1



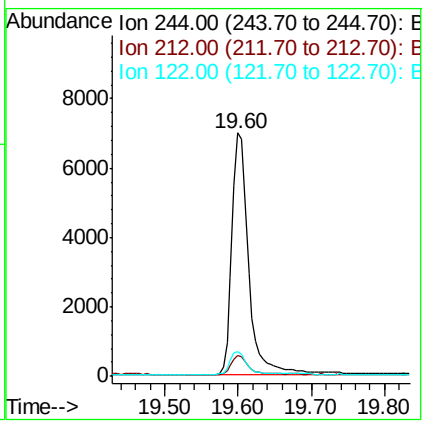


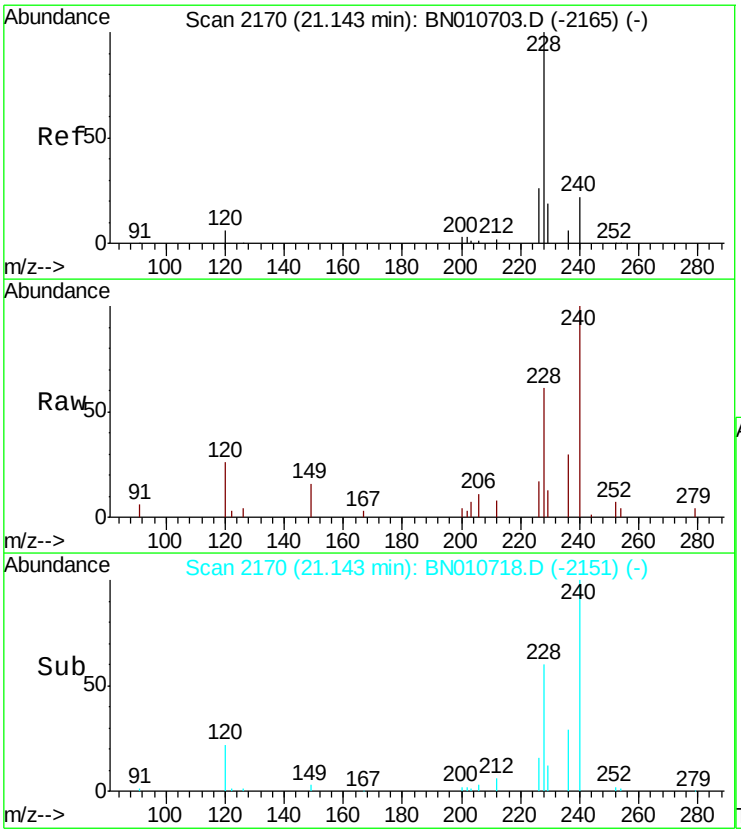
#29
Terphenyl-d14
Concen: 0.256 ng
RT: 19.60 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 11114

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.8	10.2
122	10.2	8.1	12.1

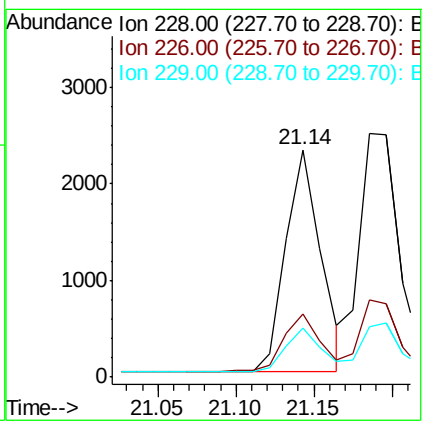


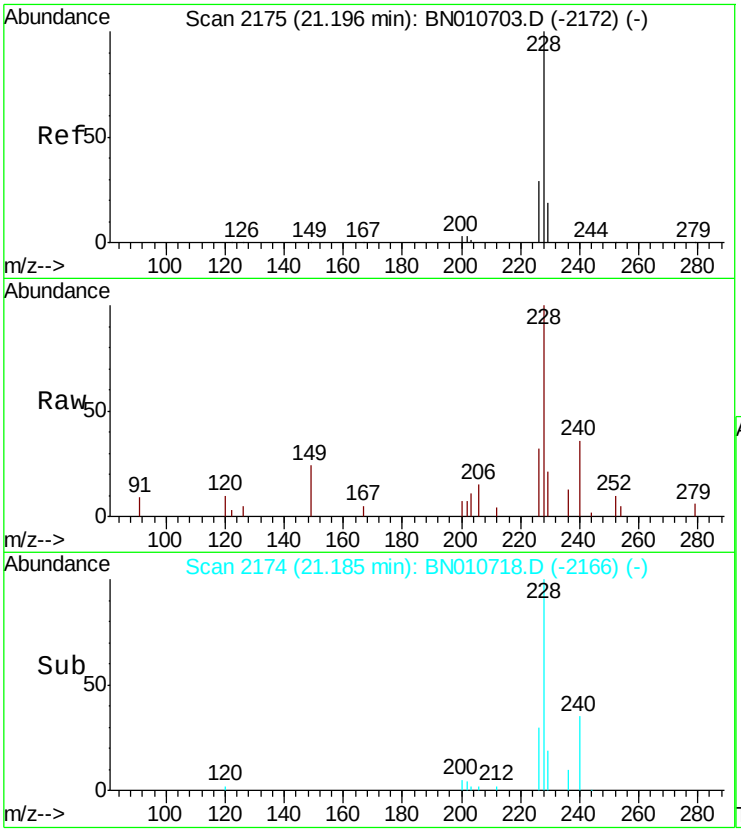


#30
Benzo(a)anthracene
Concen: 0.068 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:228 Resp: 3604

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.3	31.9
229	21.7	16.0	24.0



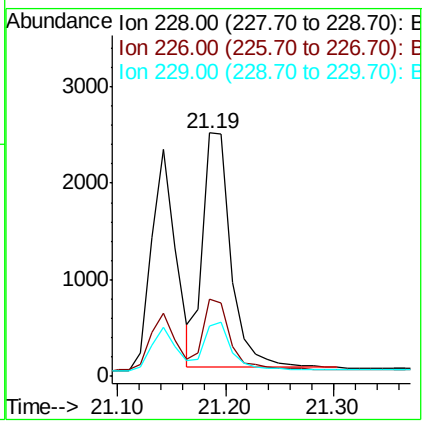


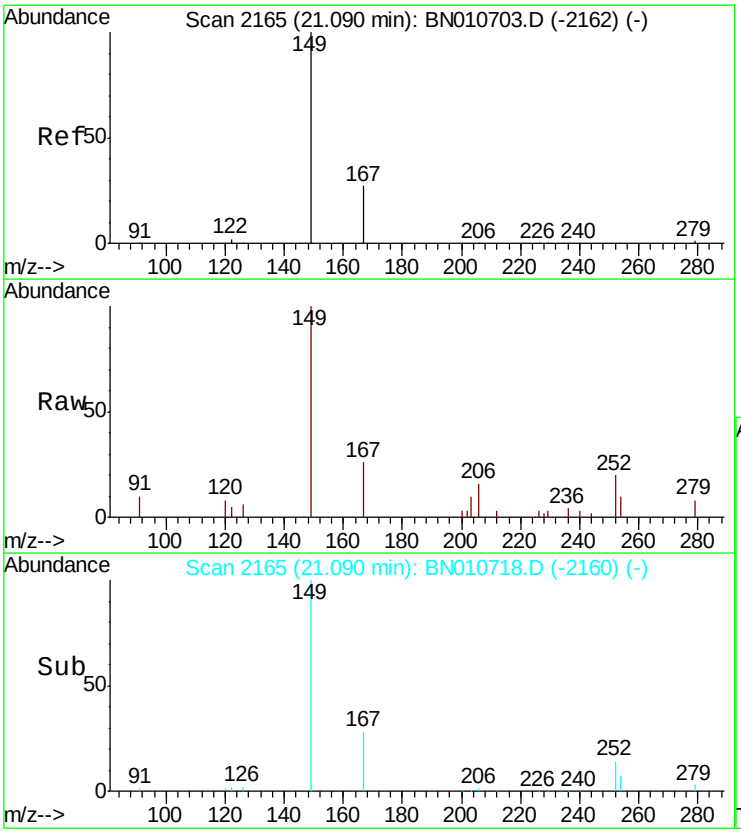
#31
Chrysene
Concen: 0.074 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4435

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	20.8	16.1	24.1

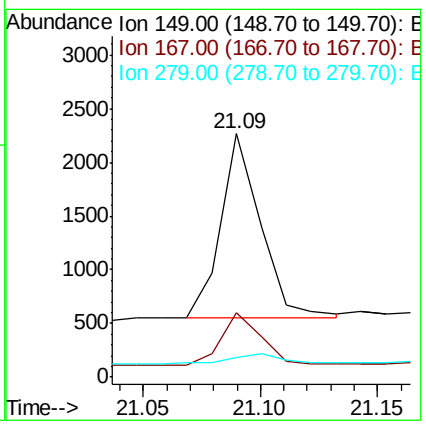


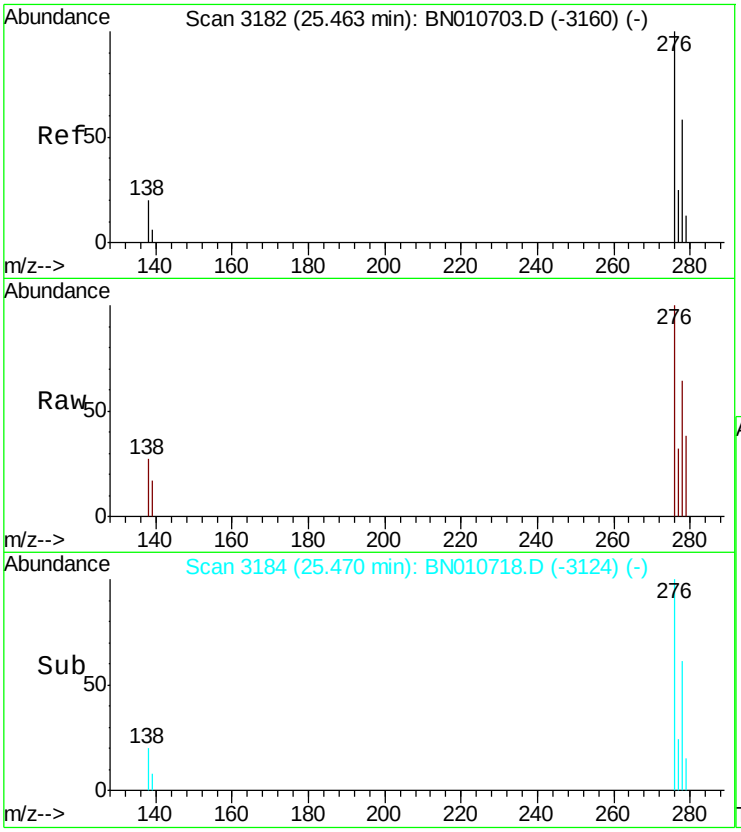


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 21.09 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:149 Resp: 2029

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.5	33.7
279	6.6	4.1	6.1#



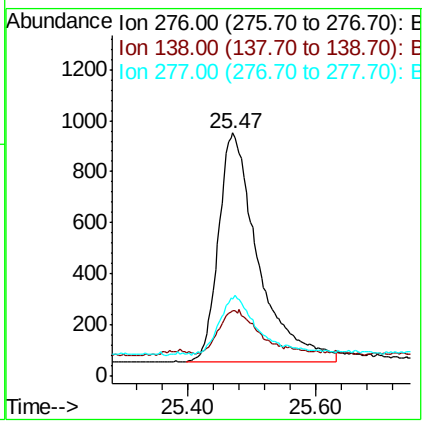


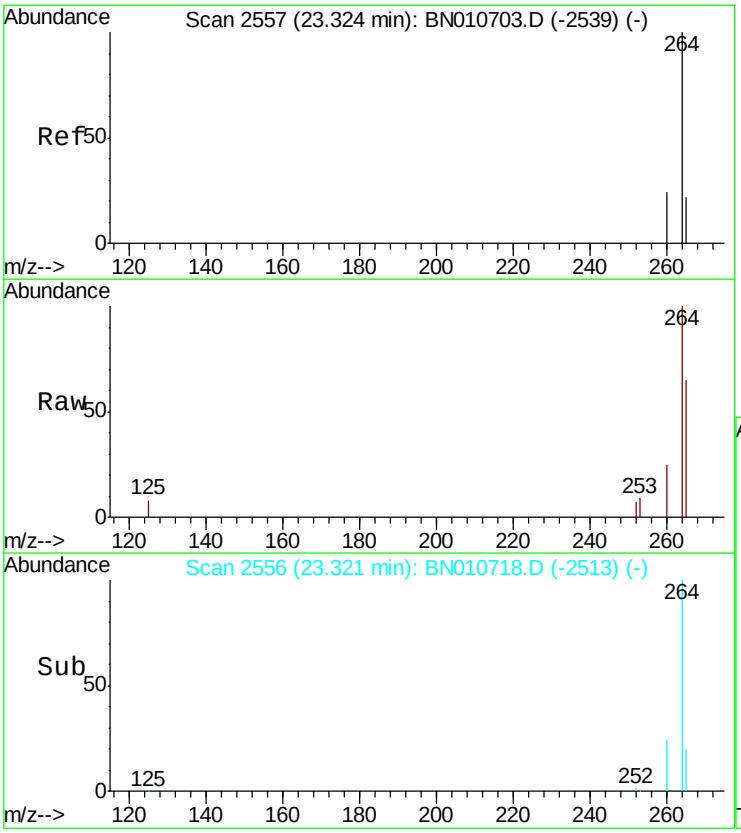
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.072 ng
RT: 25.47 min Scan# 3184
Delta R.T. 0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3877

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.1	22.7
277	23.2	19.4	29.0

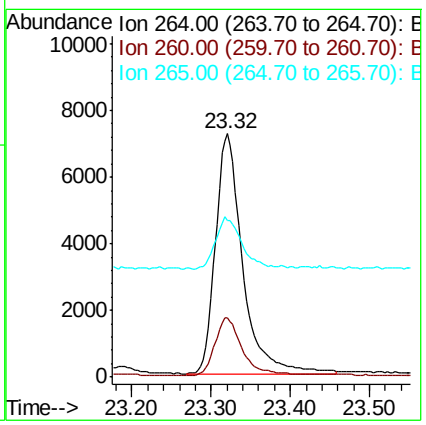


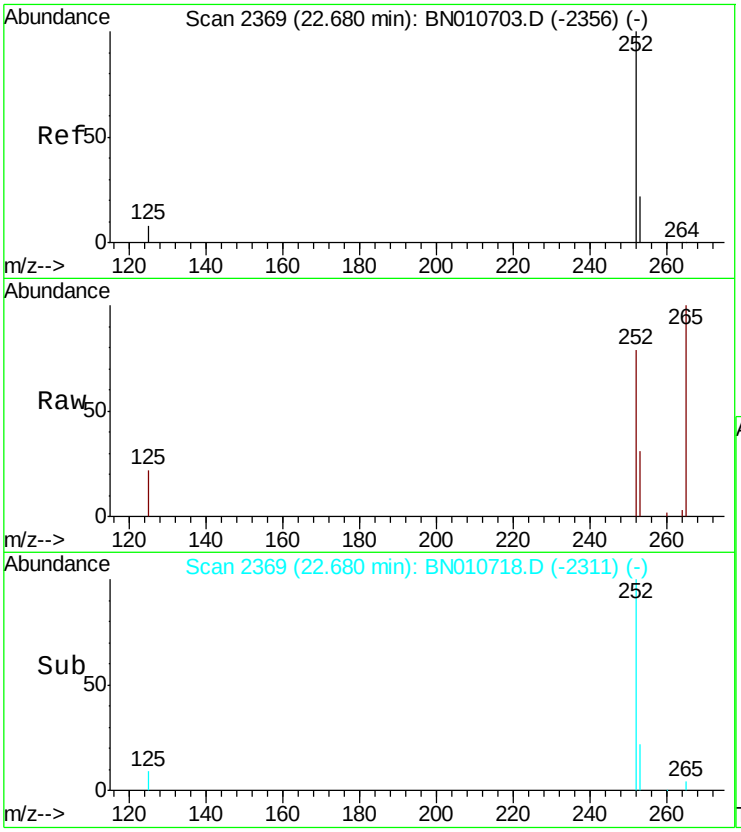


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:264 Resp: 17112

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	64.5	70.1	105.1#



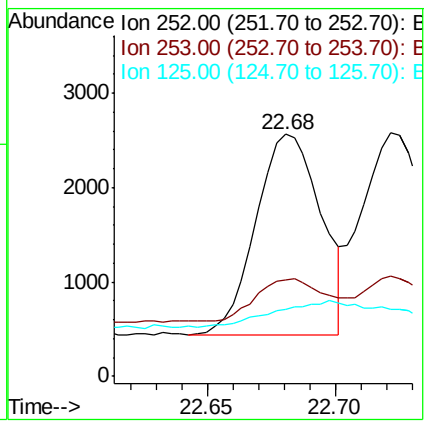


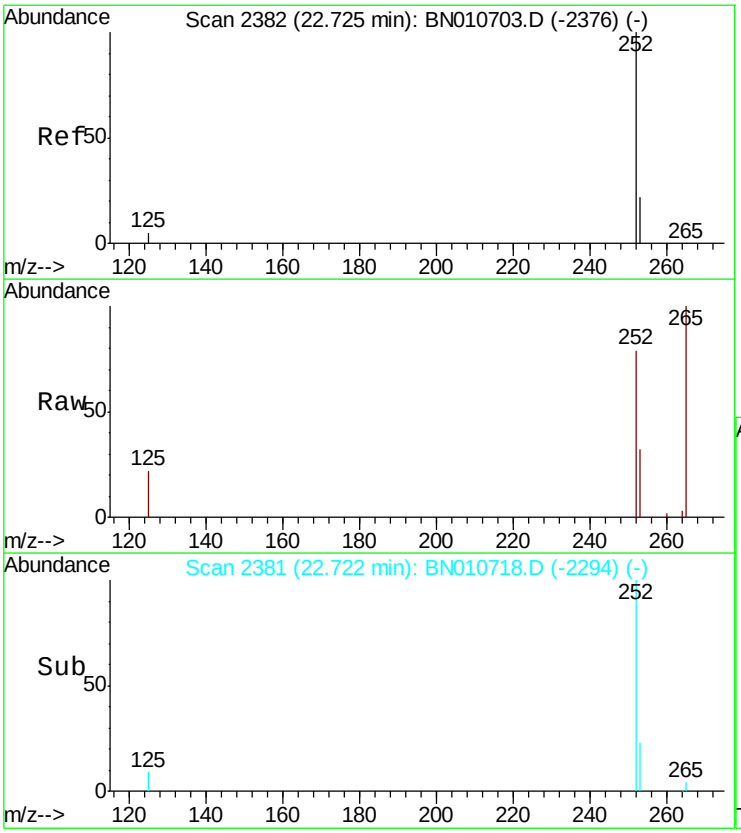
#35
Benzo(b)fluoranthene
Concen: 0.067 ng
RT: 22.68 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3774

Ion	Ratio	Lower	Upper
252	100		
253	40.0	22.0	33.0#
125	27.7	10.8	16.2#

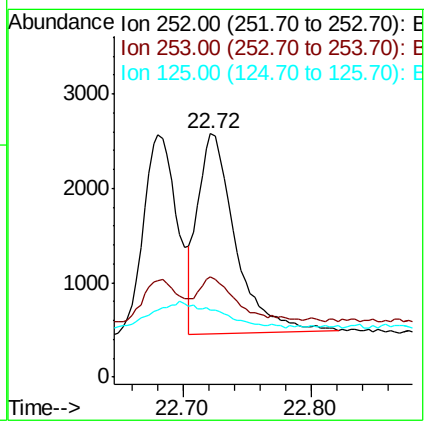


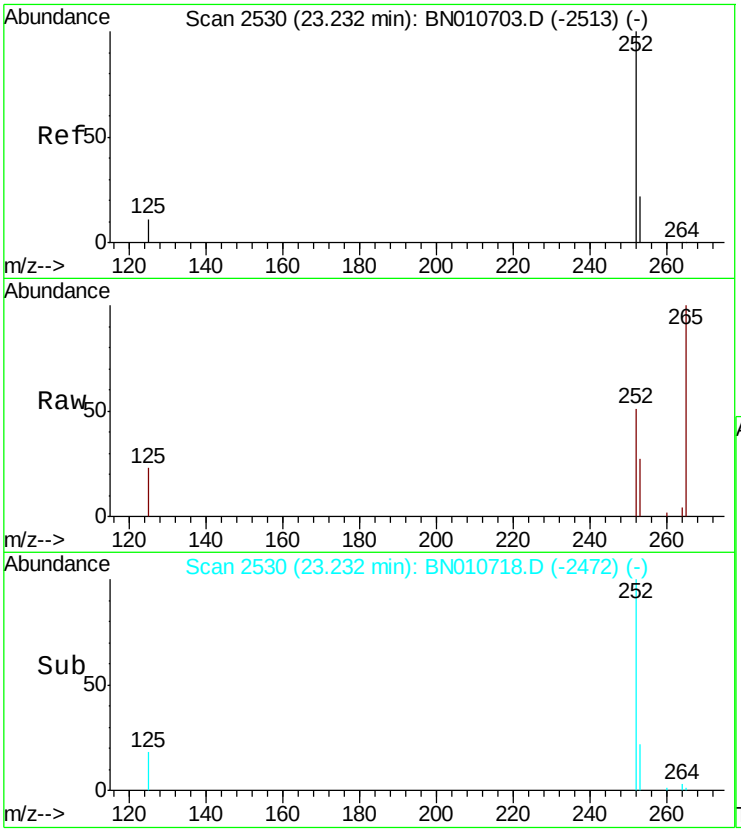


#36
Benzo(k)fluoranthene
Concen: 0.071 ng
RT: 22.72 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:252 Resp: 4326

Ion	Ratio	Lower	Upper
252	100		
253	40.9	21.9	32.9#
125	27.6	11.1	16.7#



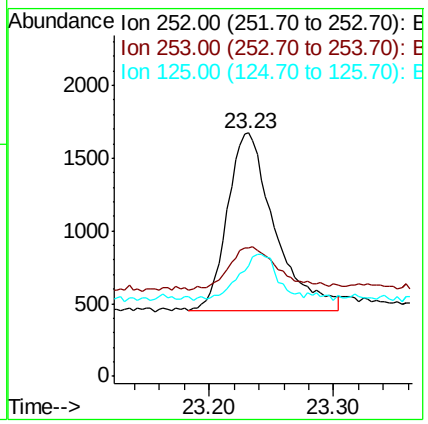


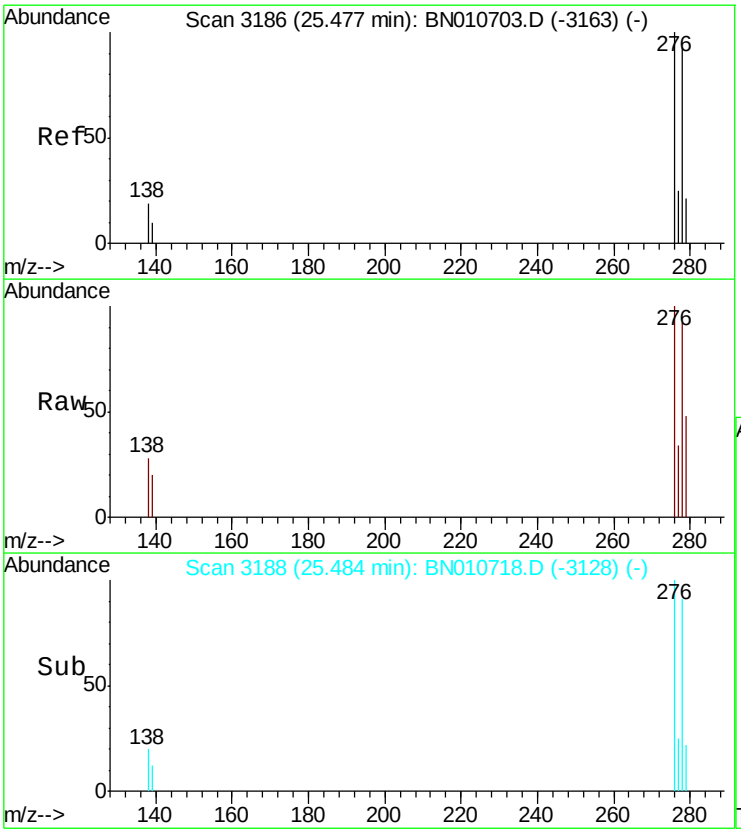
#37
Benzo(a)pyrene
Concen: 0.065 ng
RT: 23.23 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3193

Ion	Ratio	Lower	Upper
252	100		
253	53.0	24.8	37.2#
125	45.2	15.8	23.6#

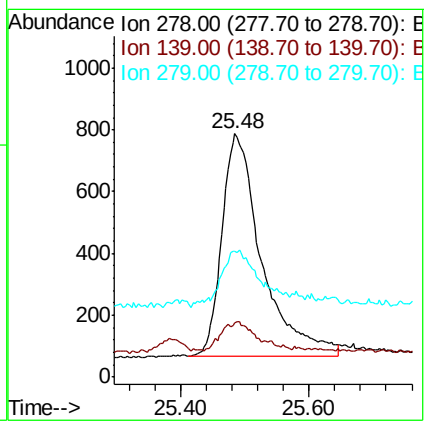


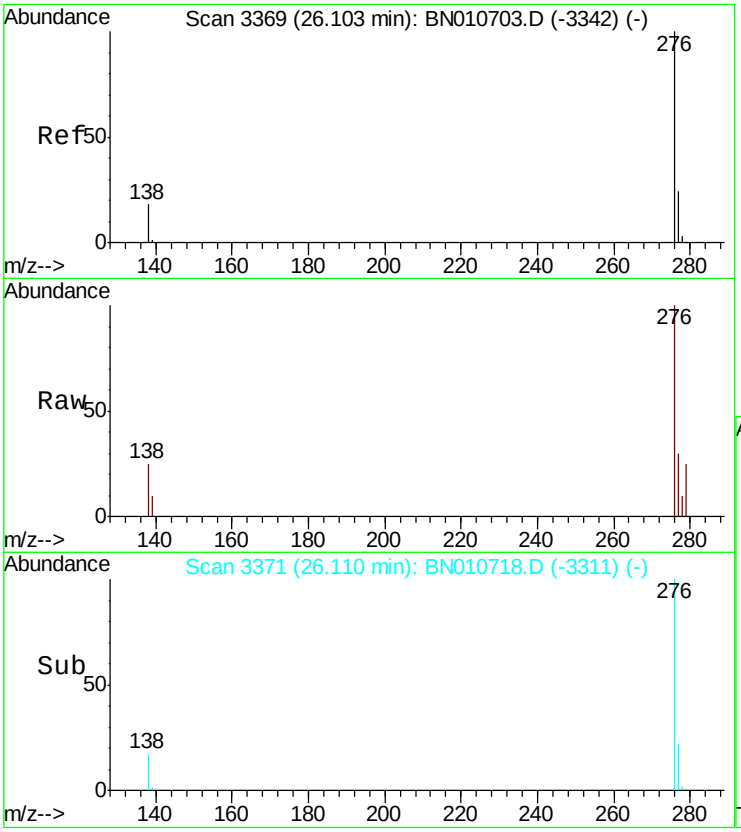


#38
Dibenzo(a,h)anthracene
Concen: 0.074 ng
RT: 25.48 min Scan# 3188
Delta R.T. 0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Tgt Ion:278 Resp: 3097

Ion	Ratio	Lower	Upper
278	100		
139	22.1	13.0	19.4#
279	51.6	25.1	37.7#





#39
Benzo(g,h,i)perylene
Concen: 0.075 ng
RT: 26.11 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BN010718.D
Acq: 14 May 2020 18:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 3696

Ion	Ratio	Lower	Upper
276	100		
277	30.4	20.6	30.8
138	24.6	16.0	24.0#