Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052120\
Data File : BN010733.D
Acq On : 21 May 2020 18:10
Operator : CG/JU
Sample : PB129048BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129048BSD

Quant Time: May 21 19:59:25 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	2405	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	9652	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	6295	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	13441	0.40	ng		0.00
27) Chrysene-d12	21.16	240	9641	0.40	ng		0.00
34) Perylene-d12	23.32	264	8619	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	1548	0.33	ng		0.00
5) Phenol-d6	6.78	99	1844	0.32	ng		0.00
8) Nitrobenzene-d5	8.71	82	2136	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	7004	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	574	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	7415	0.32	ng		0.00
25) Fluoranthene-d10	19.00	212	10213	0.28	ng		0.01
29) Terphenyl-d14	19.61	244	7463	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	616	0.297	ng	#	85
3) n-Nitrosodimethylamine	3.55	42	535	0.448	ng	#	93
6) bis(2-Chloroethyl)ether	7.02	93	2492	0.421	ng		96
9) Naphthalene	10.38	128	10537	0.434	ng		100
10) Hexachlorobutadiene	10.67	225	2143	0.386	ng	#	98
12) 2-Methylnaphthalene	12.00	142	7779	0.455	ng		99
16) Acenaphthylene	13.92	152	10697	0.416	ng		100
17) Acenaphthene	14.26	154	7445	0.429	ng		100
18) Fluorene	15.26	166	9715	0.427	ng		100
20) 4-Bromophenyl-phenylether	16.15	248	2887	0.389	ng		92
21) Hexachlorobenzene	16.27	284	3763	0.426	ng		99
22) Pentachlorophenol	16.62	266	2306	0.843	ng		99
23) Phenanthrene	16.99	178	15003	0.416	ng		99
24) Anthracene	17.09	178	11985	0.396	ng		100
26) Fluoranthene	19.03	202	15915	0.389	ng		99
28) Pyrene	19.38	202	15826	0.458	ng		99
30) Benzo(a)anthracene	21.14	228	10958	0.390	ng		99
31) Chrysene	21.20	228	14366	0.451	ng		99
32) Bis(2-ethylhexyl)phthalate	21.09	149	4630	0.376	ng		98
33) Indeno(1,2,3-cd)pyrene	25.47	276	9881	0.349	ng		99
35) Benzo(b)fluoranthene	22.68	252	11637	0.408	ng		98
36) Benzo(k)fluoranthene	22.72	252	13246	0.432	ng		98
37) Benzo(a)pyrene	23.23	252	10075	0.409	ng		97
38) Dibenzo(a,h)anthracene	25.49	278	7460	0.354	ng		95
39) Benzo(g,h,i)perylene	26.11	276	9873	0.400	ng		97

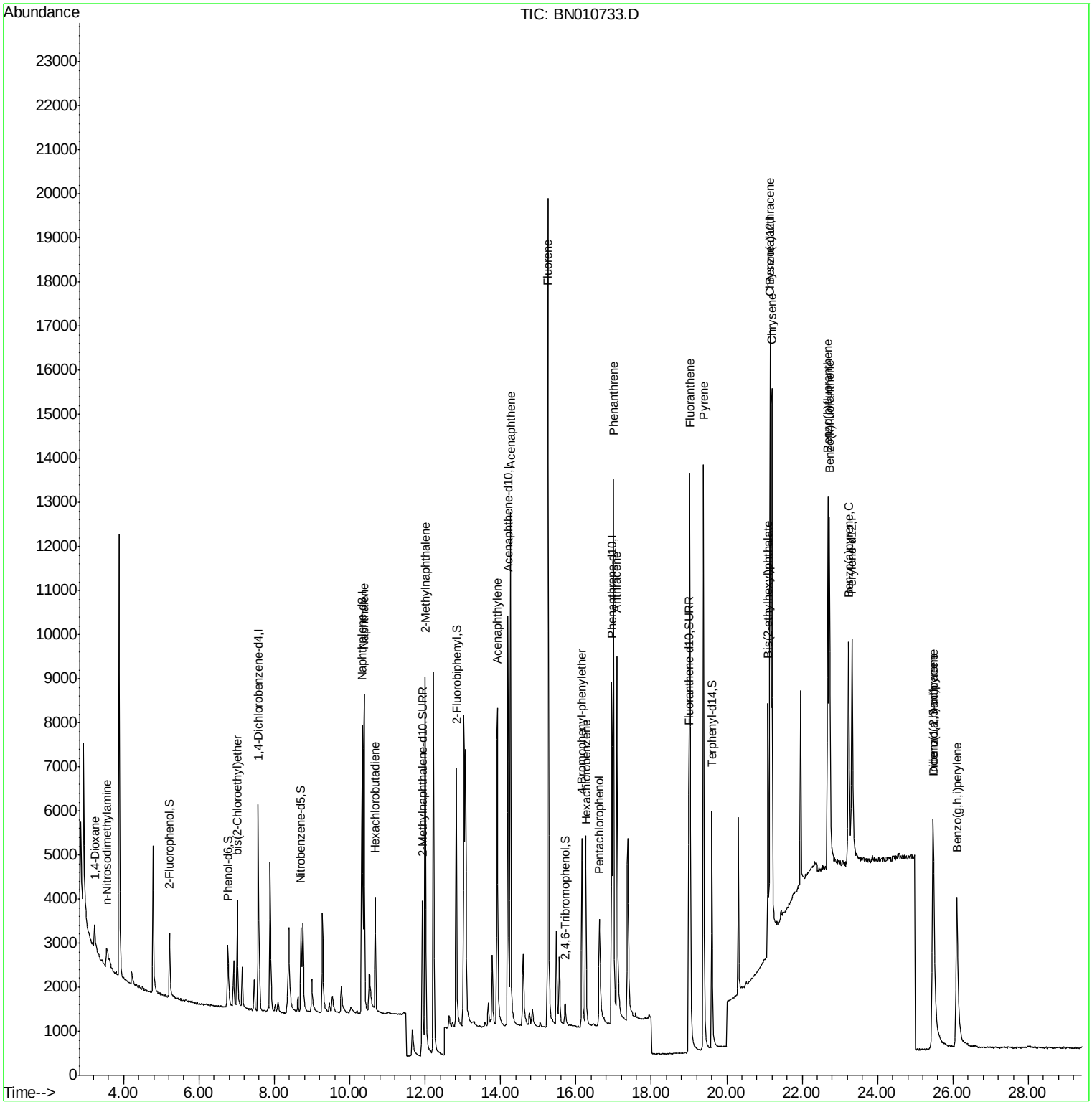
(#) = qualifier out of range (m) = manual integration (+) = signals summed

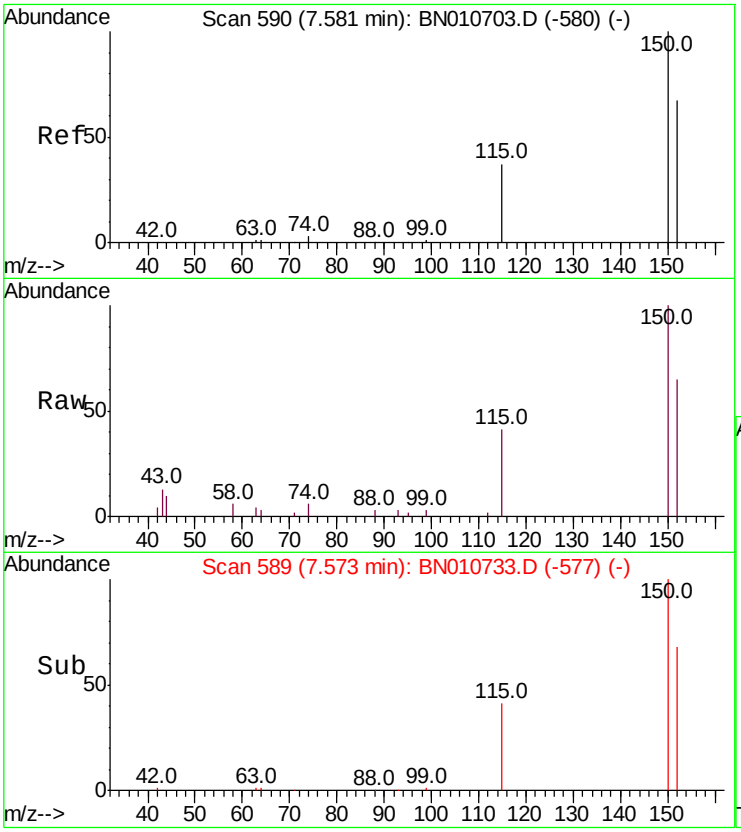
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052120\
Data File : BN010733.D
Acq On : 21 May 2020 18:10
Operator : CG/JU
Sample : PB129048BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Quant Time: May 21 19:59:25 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



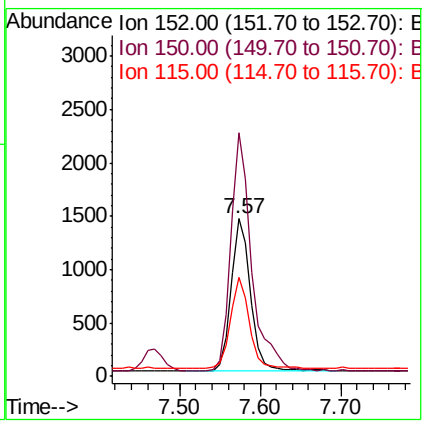


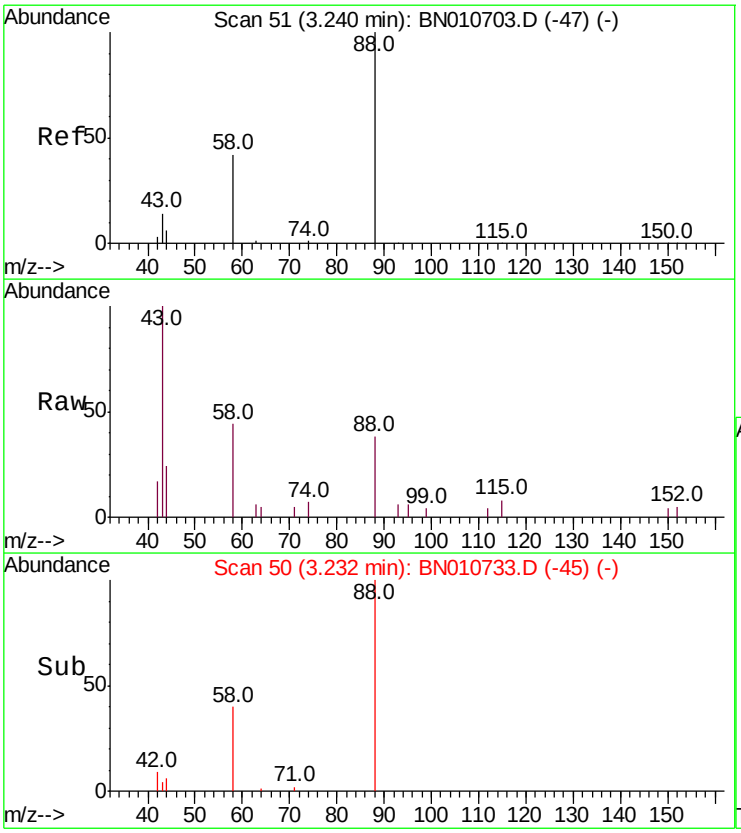
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:152 Resp: 2405

Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.4	179.0
115	62.9	45.9	68.9

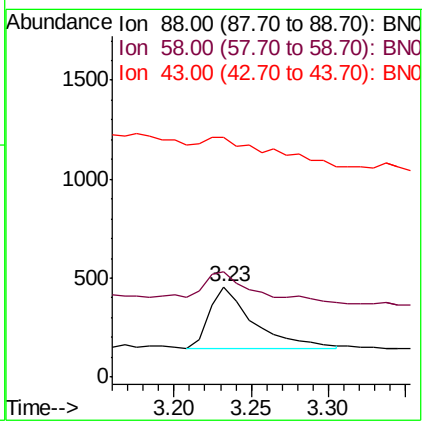


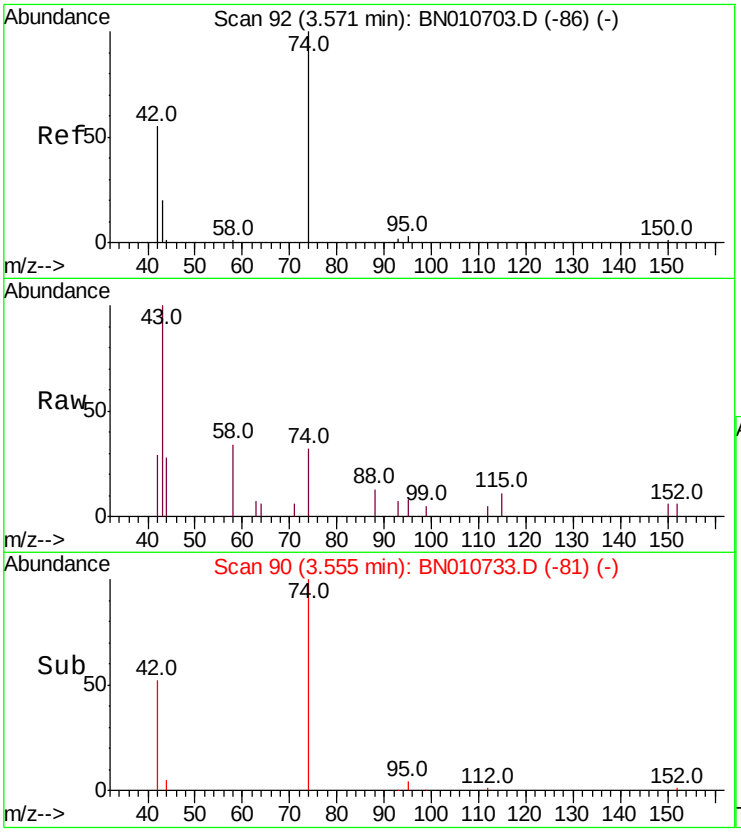


#2
1,4-Dioxane
Concen: 0.297 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion: 88 Resp: 616

Ion	Ratio	Lower	Upper
88	100		
58	53.4	39.0	58.6
43	0.0	13.1	19.7#

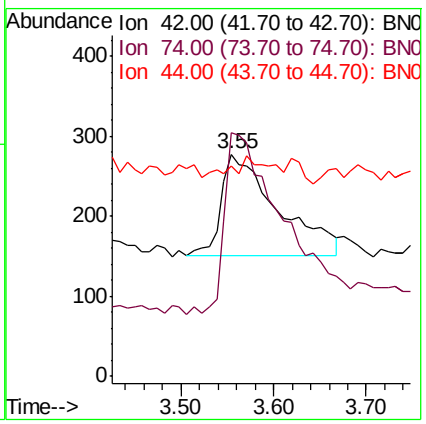




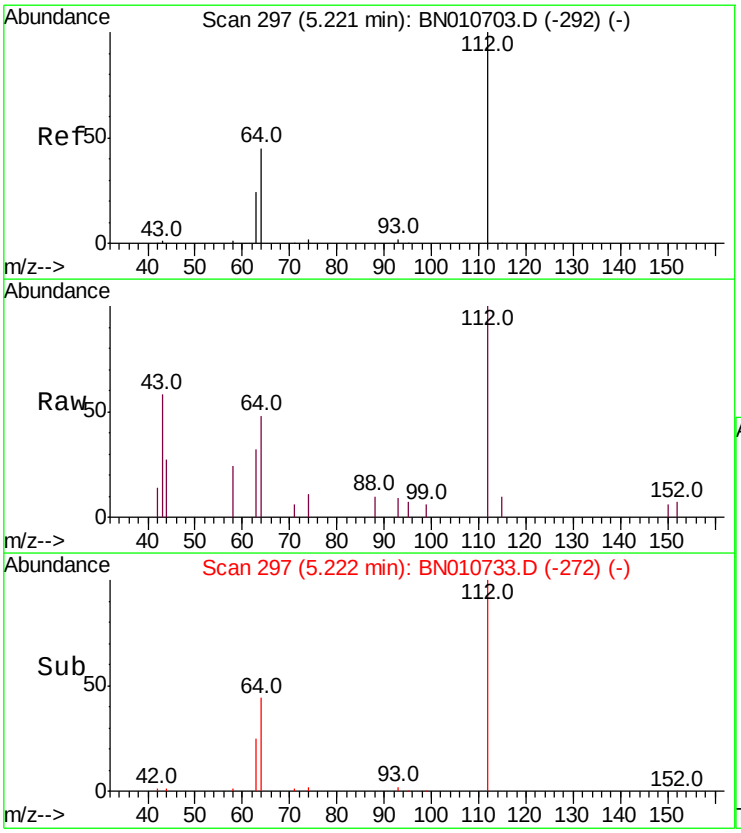
#3
n-Nitrosodimethylamine
Concen: 0.448 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion: 42 Resp: 535

Ion	Ratio	Lower	Upper
42	100		
74	192.0	146.2	219.2
44	7.3	3.0	4.4#



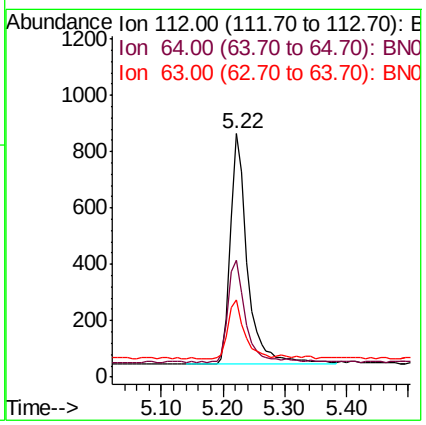
Instrument :
BNA_N
ClientSampleId :
PB129048BSD

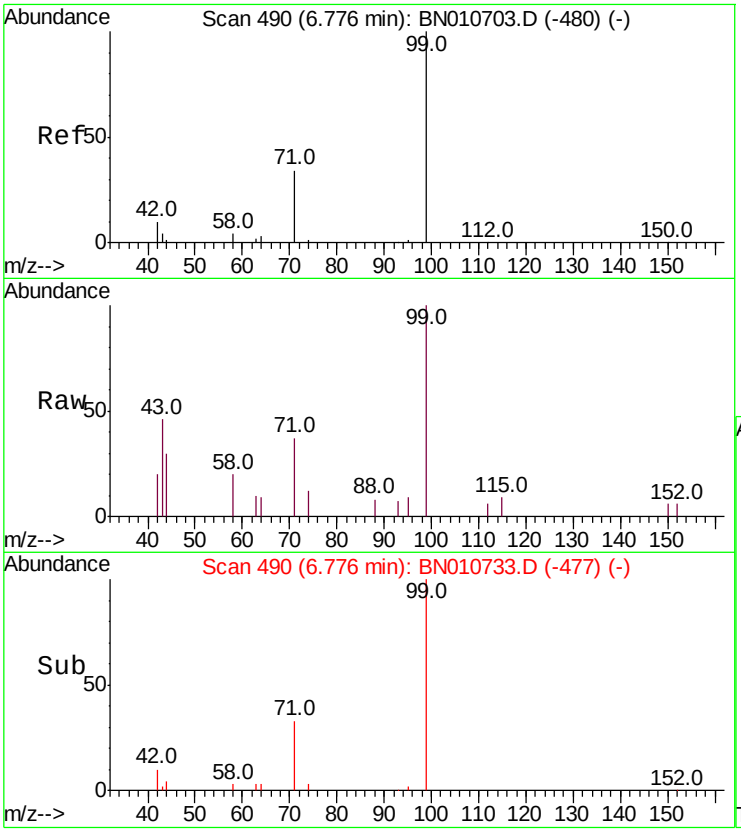


#4
2-Fluorophenol
Concen: 0.329 ng
RT: 5.22 min Scan# 297
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:112 Resp: 1548

Ion	Ratio	Lower	Upper
112	100		
64	44.6	36.2	54.4
63	24.3	19.8	29.8



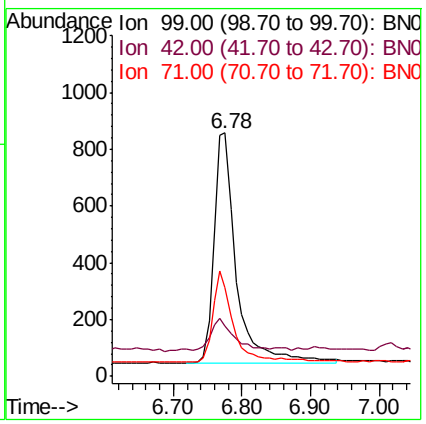


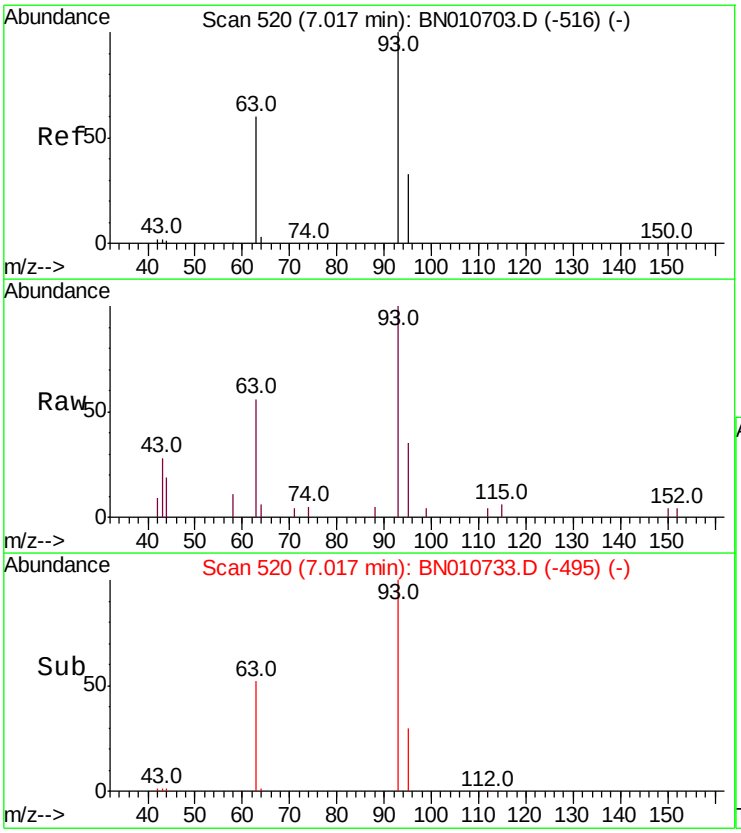
#5
Phenol-d6
Concen: 0.321 ng
RT: 6.78 min Scan# 490
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion: 99 Resp: 1844

Ion	Ratio	Lower	Upper
99	100		
42	13.5	9.8	14.8
71	36.6	28.6	42.8

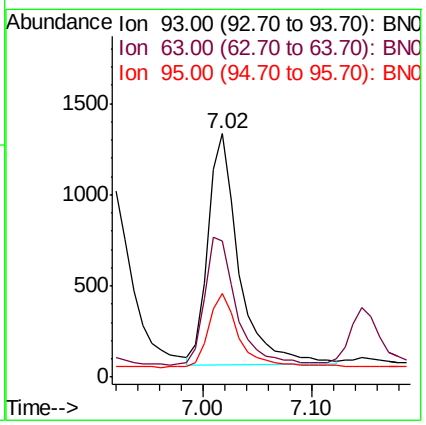


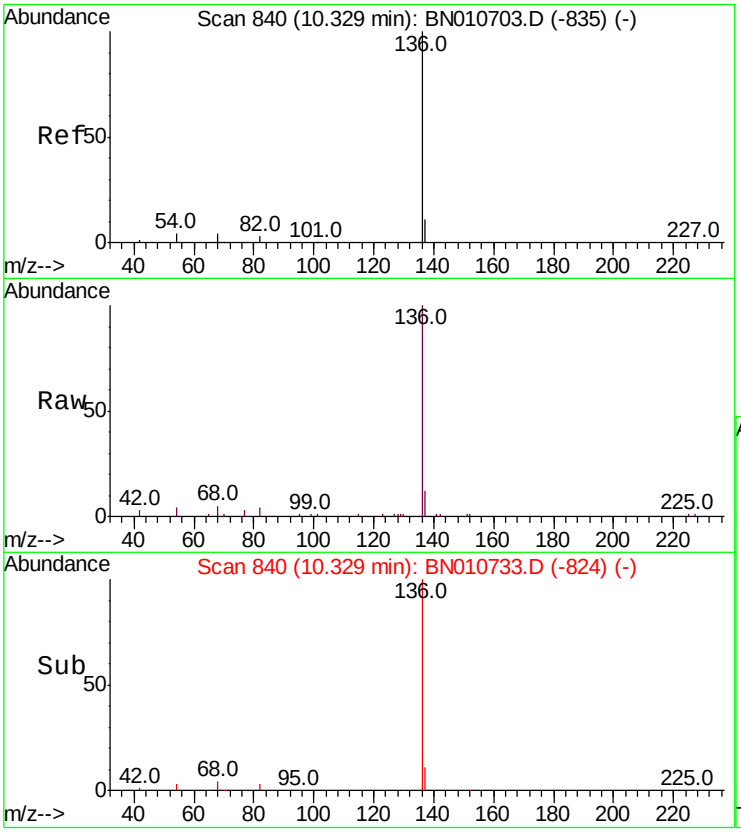


#6
bis(2-Chloroethyl)ether
Concen: 0.421 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion: 93 Resp: 2492

Ion	Ratio	Lower	Upper
93	100		
63	57.2	43.1	64.7
95	32.8	24.6	37.0



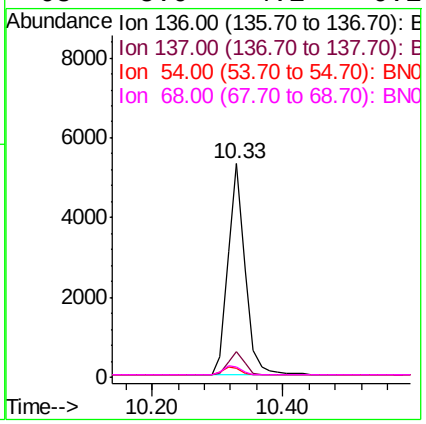


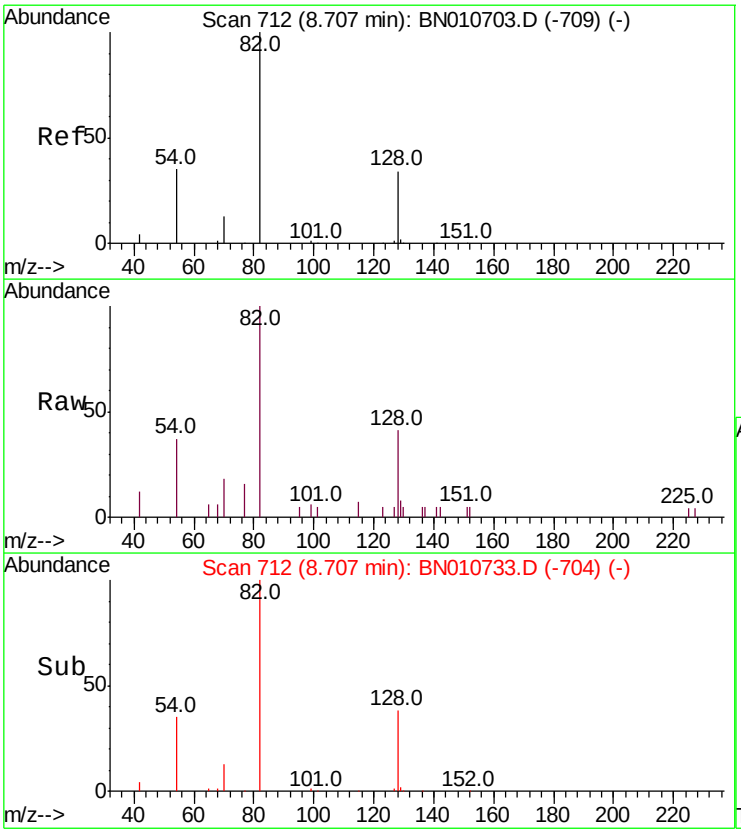
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:136 Resp: 9652

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	4.1	3.6	5.4
68	5.0	4.1	6.1

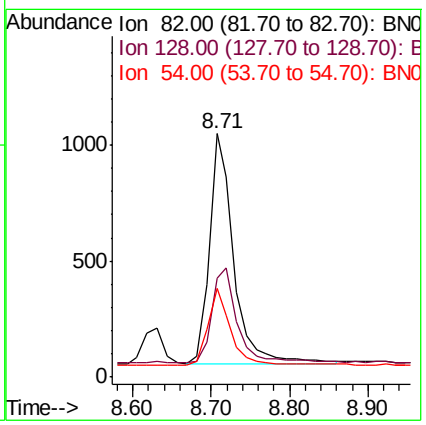


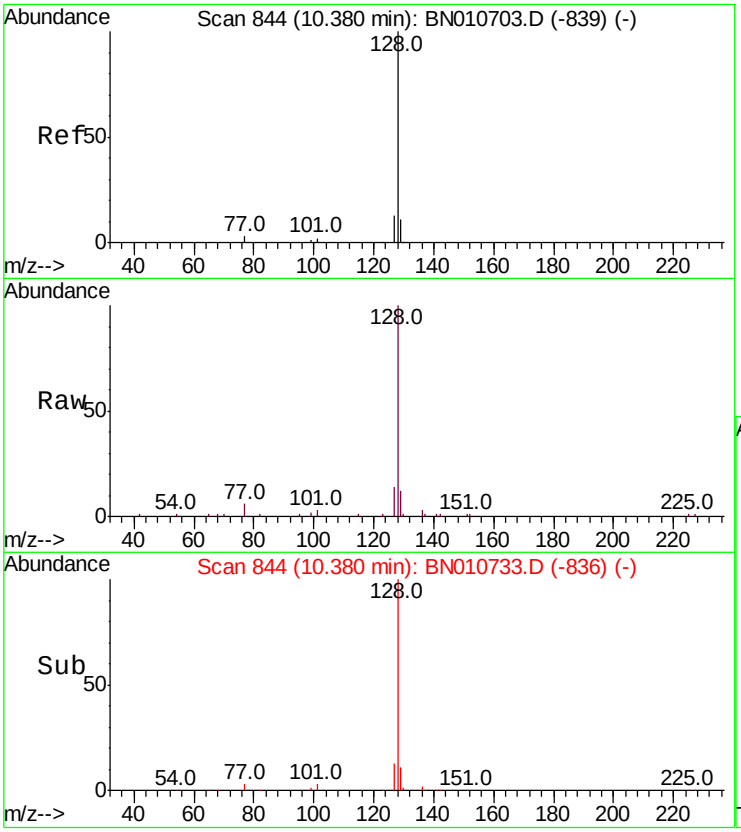


#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.71 min Scan# 712
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion: 82 Resp: 2136

Ion	Ratio	Lower	Upper
82	100		
128	40.5	29.0	43.4
54	36.6	29.3	43.9



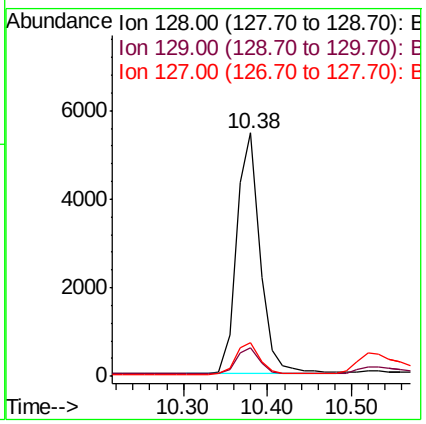


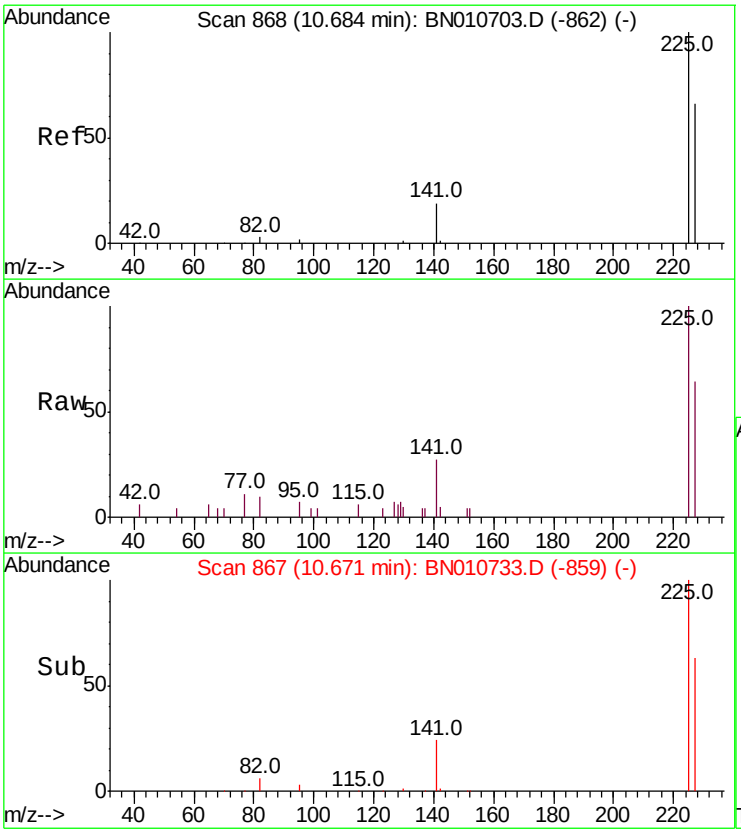
#9
Naphthalene
Concen: 0.434 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:128 Resp: 10537

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

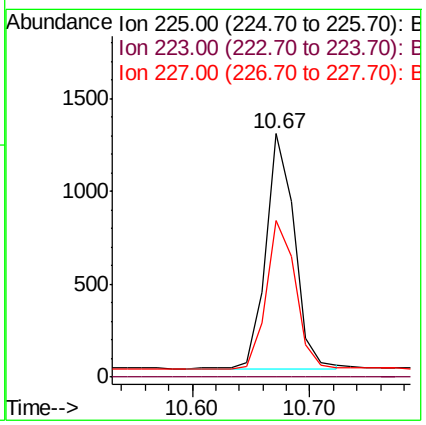


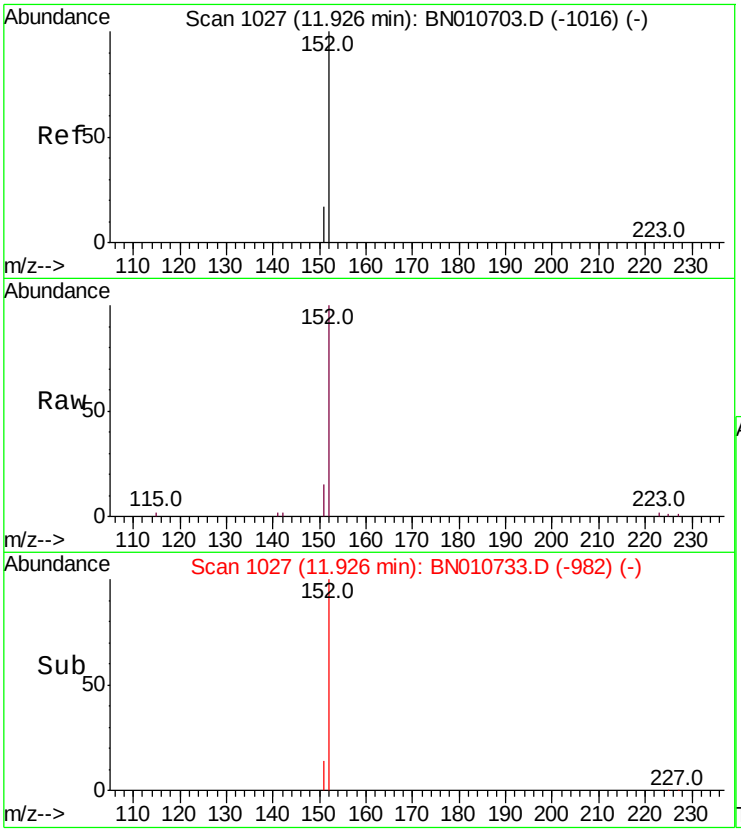


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:225 Resp: 2143

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



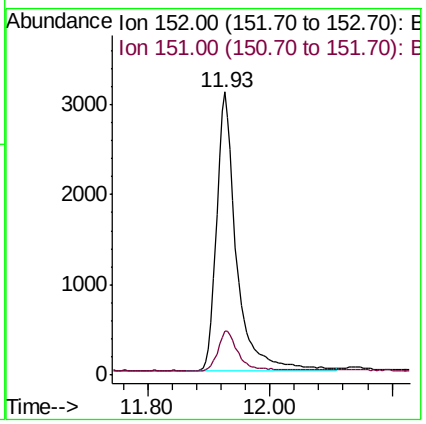


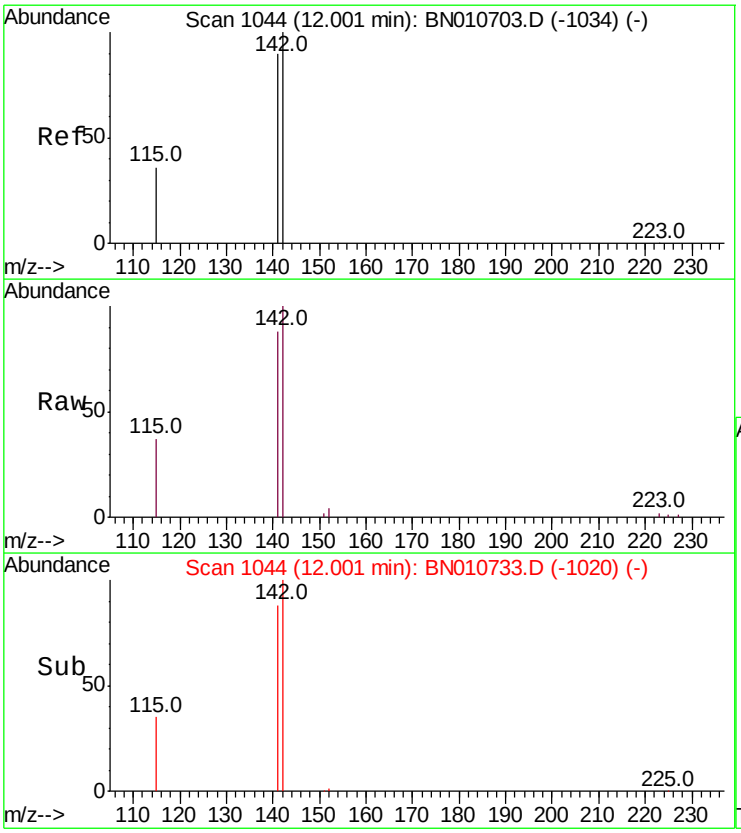
#11
2-Methylnaphthalene-d10
Concen: 0.445 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:152 Resp: 7004

Ion	Ratio	Lower	Upper
152	100		
151	14.2	15.0	22.6#

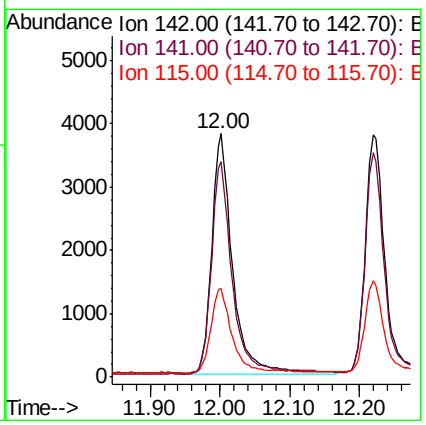


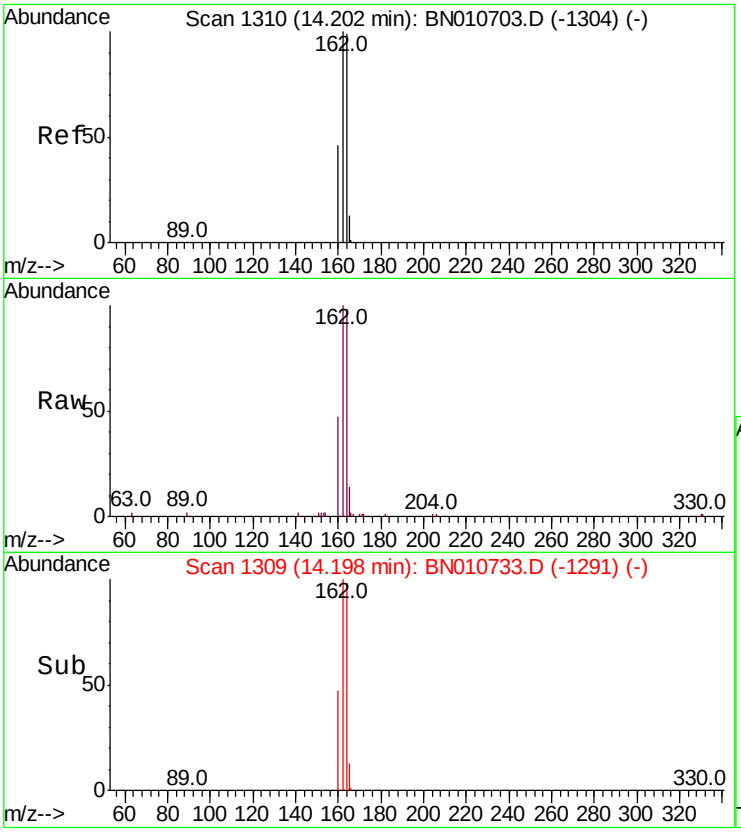


#12
2-Methylnaphthalene
Concen: 0.455 ng
RT: 12.00 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:142 Resp: 7779

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	36.7	29.8	44.6



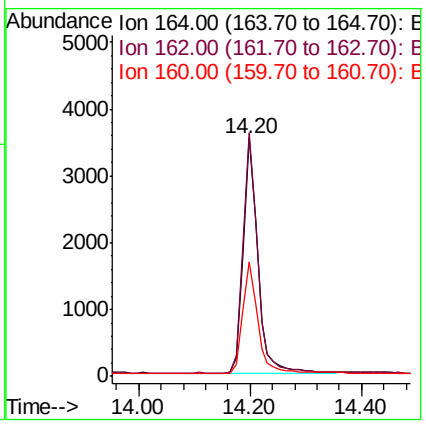


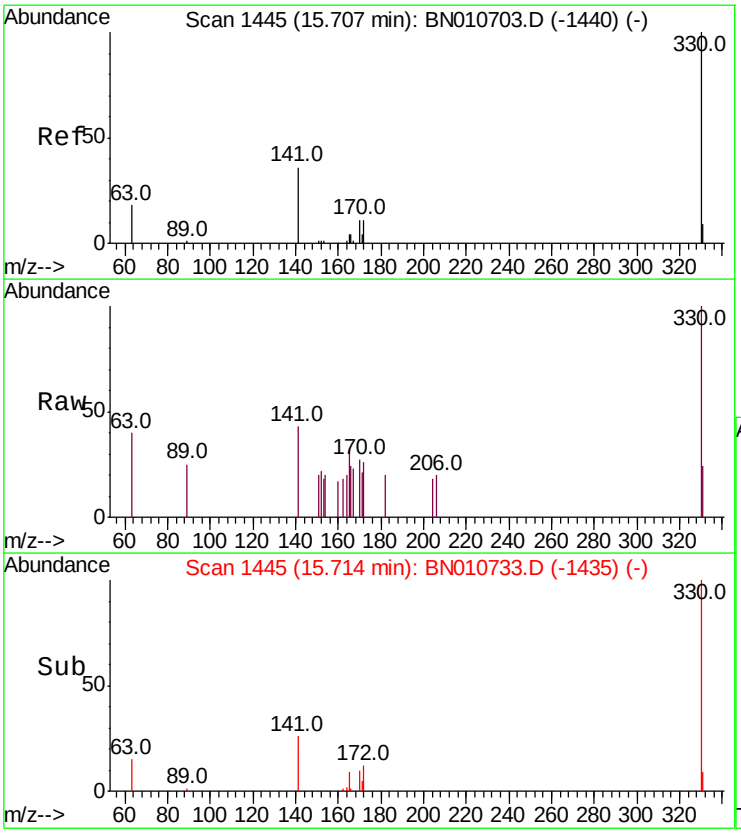
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:164 Resp: 6295

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.1	121.7
160	48.3	37.9	56.9

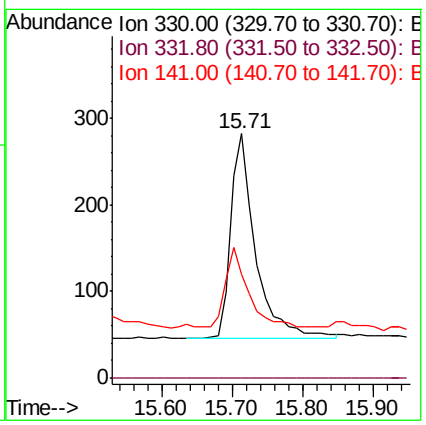


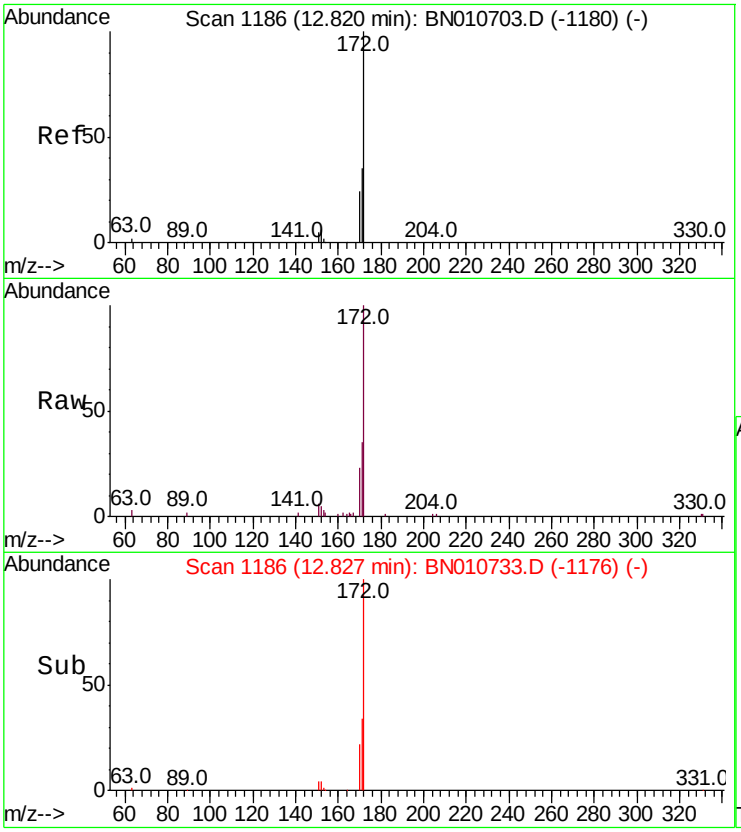


#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:330 Resp: 574

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.1	28.8	43.2



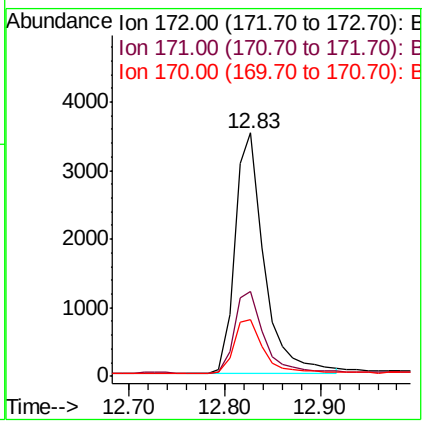


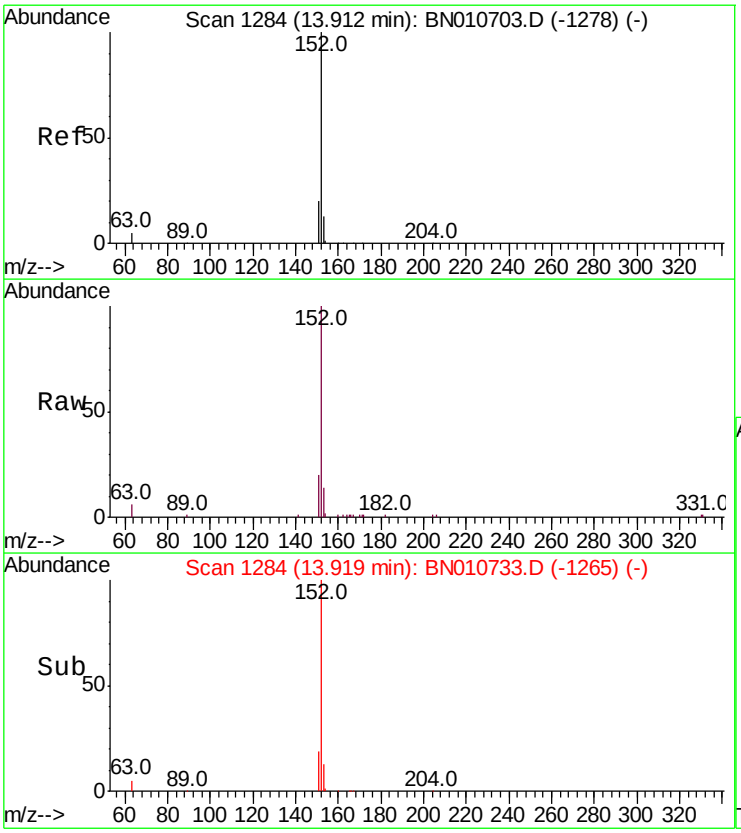
#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:172 Resp: 7415

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.4	19.8	29.8

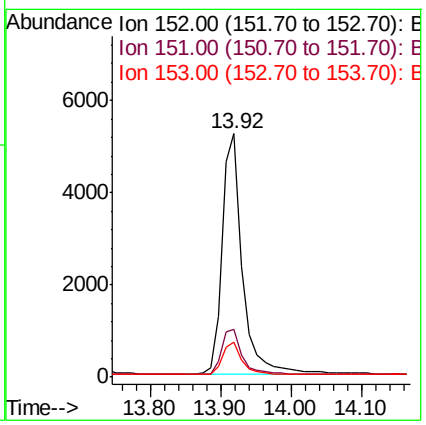


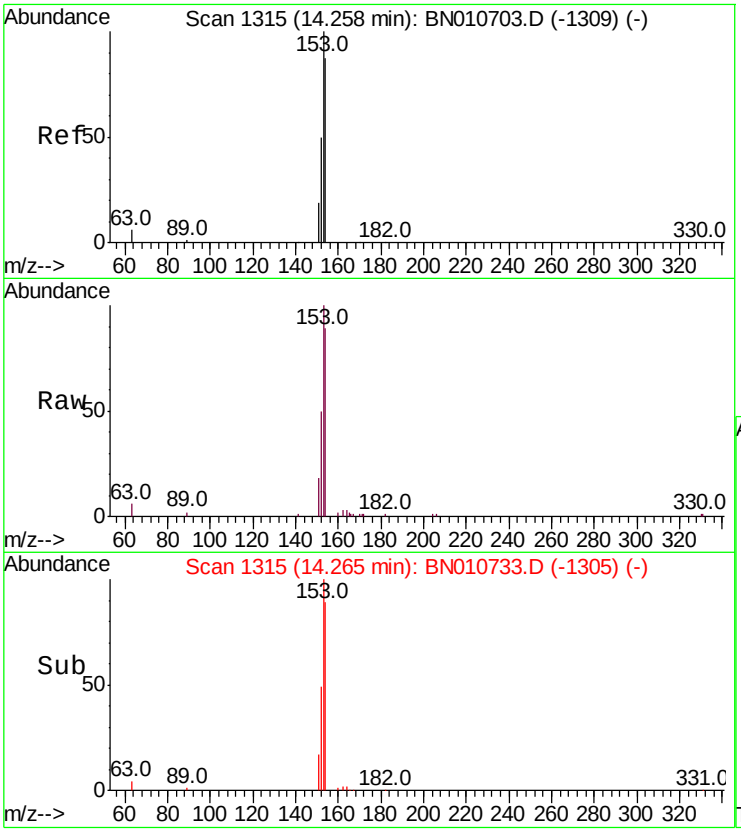


#16
Acenaphthylene
Concen: 0.416 ng
RT: 13.92 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:152 Resp: 10697

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.2	10.4	15.6



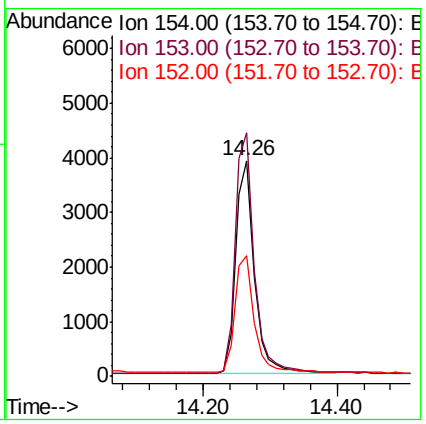


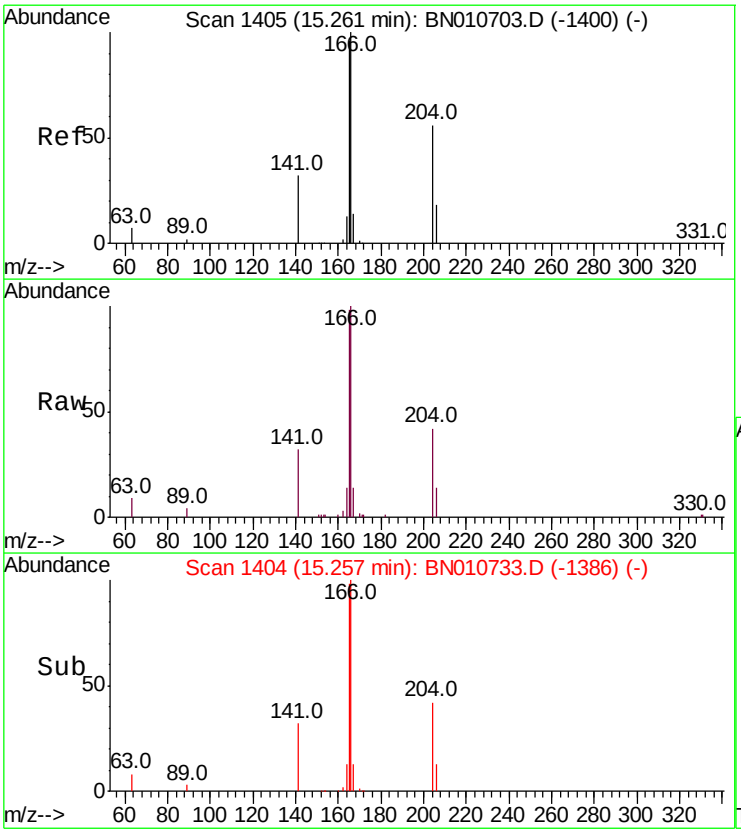
#17
Acenaphthene
Concen: 0.429 ng
RT: 14.26 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:154 Resp: 7445

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.5	137.3
152	56.8	45.6	68.4

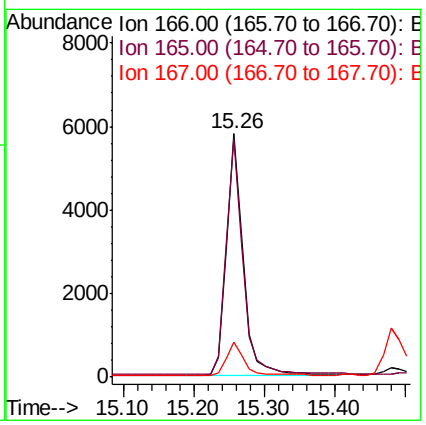


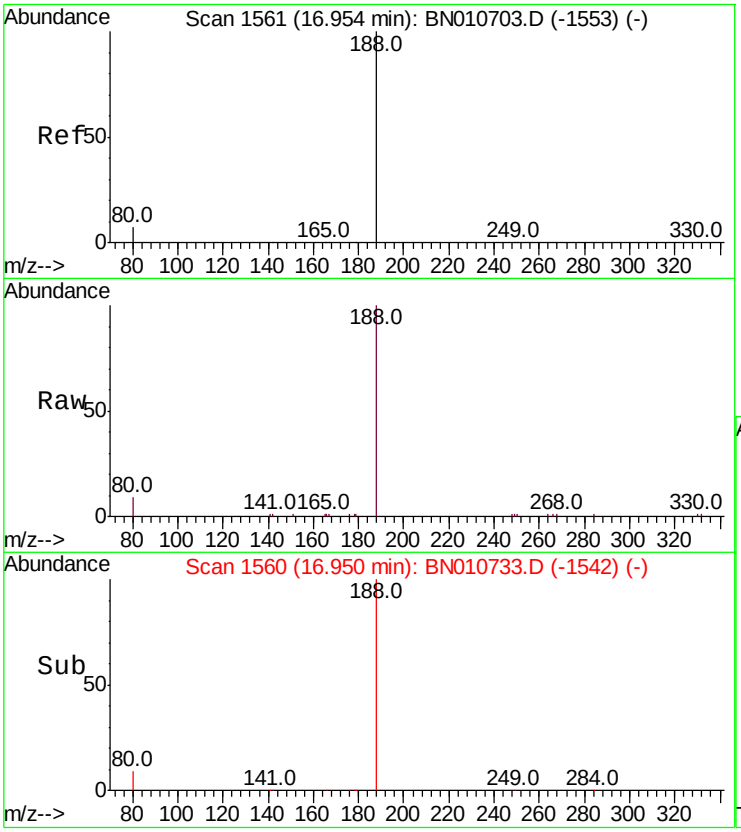


#18
Fluorene
Concen: 0.427 ng
RT: 15.26 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:166 Resp: 9715

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.9	116.9
167	13.8	11.0	16.4



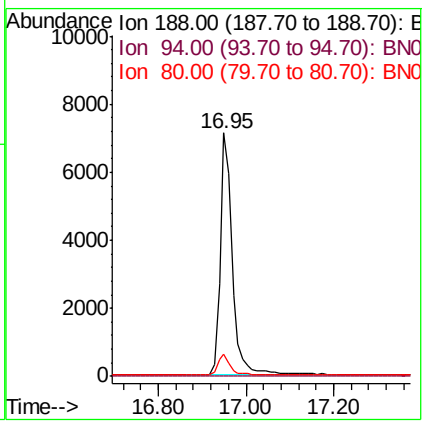


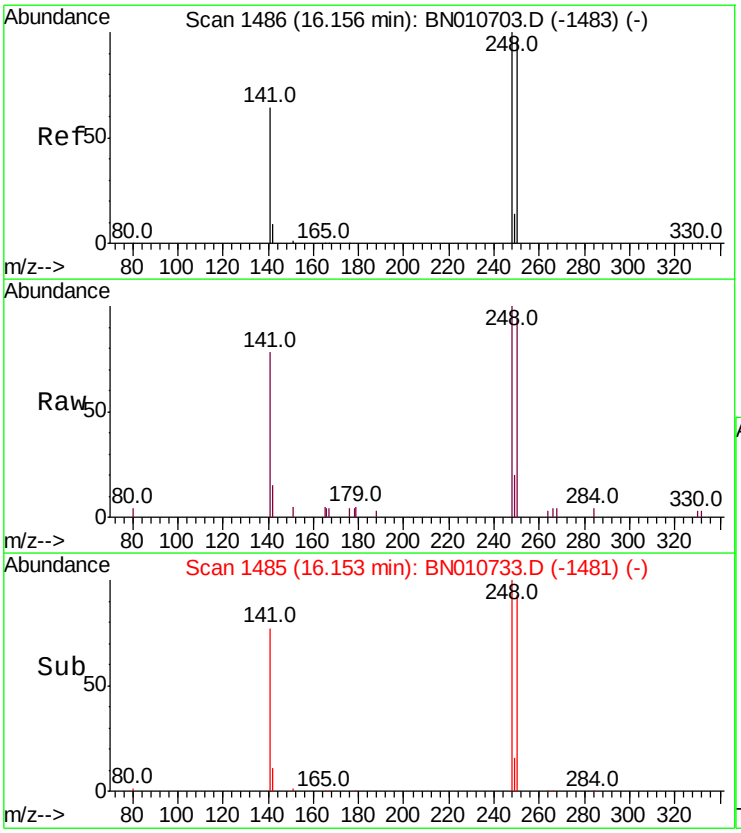
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:188 Resp: 13441

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

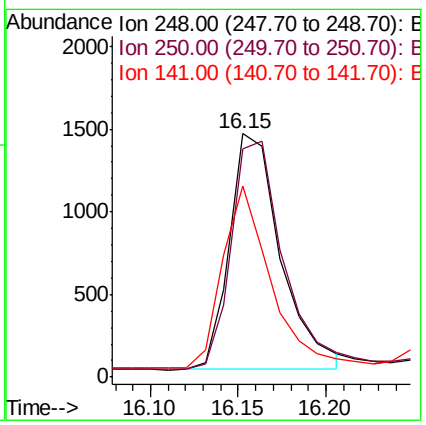


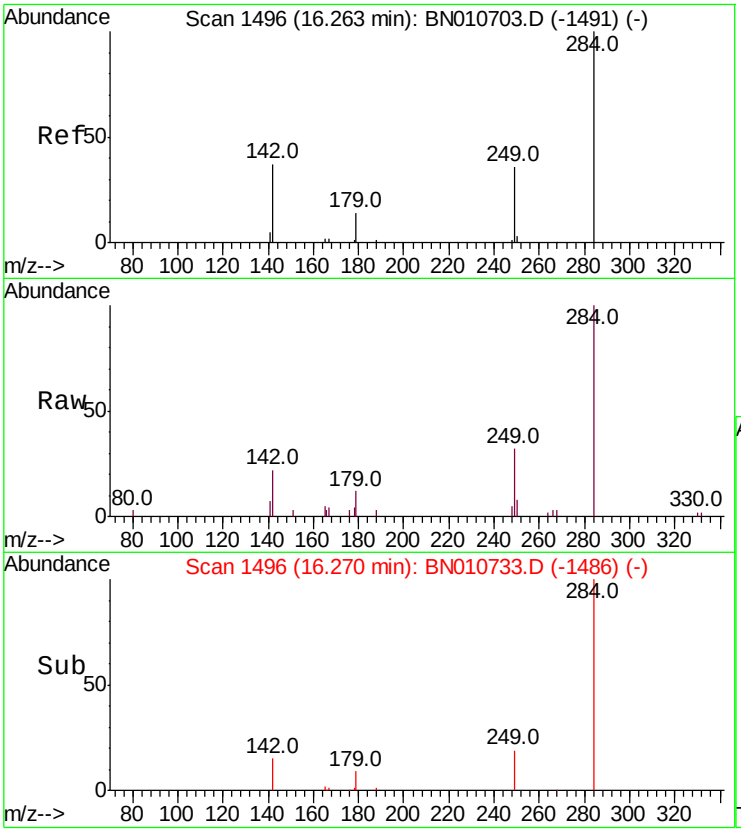


#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.15 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:248 Resp: 2887

Ion	Ratio	Lower	Upper
248	100		
250	93.9	77.4	116.0
141	78.3	53.1	79.7



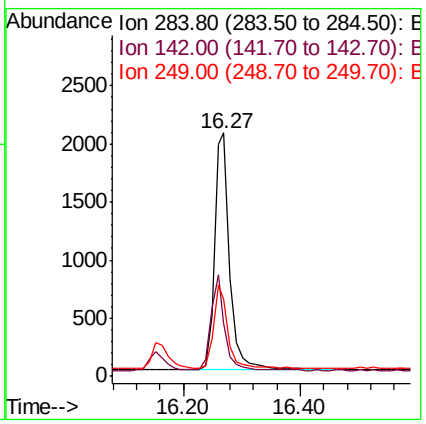


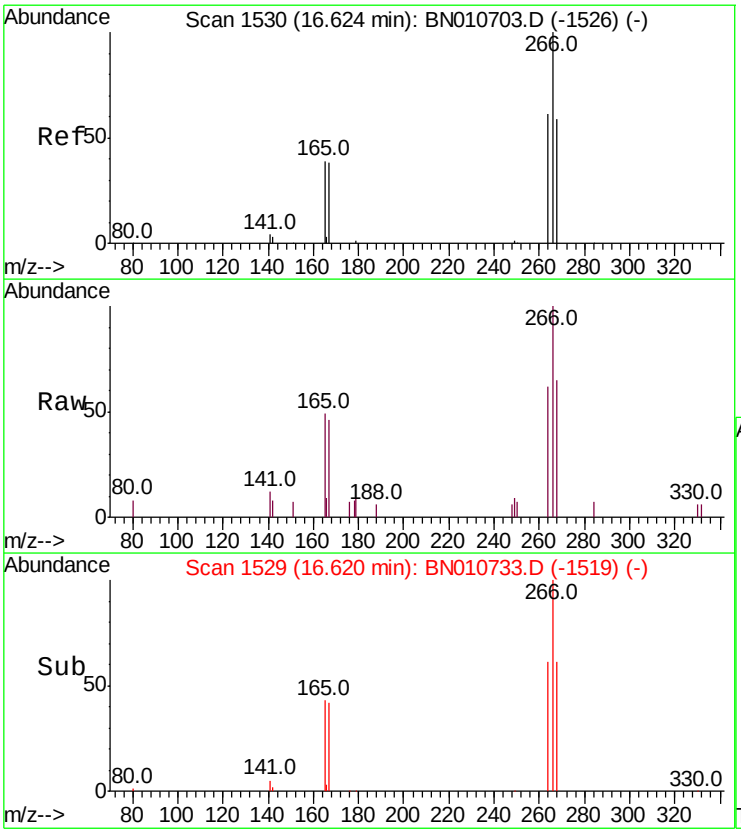
#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.27 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:284 Resp: 3763

Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.2	42.2
249	31.8	26.4	39.6

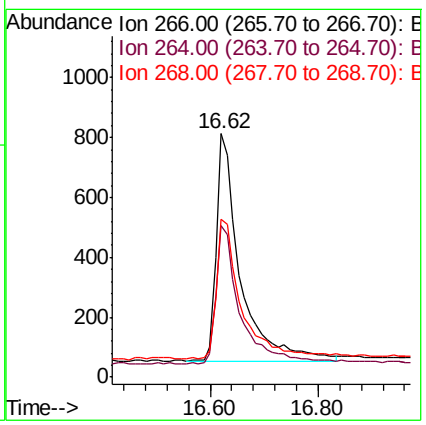


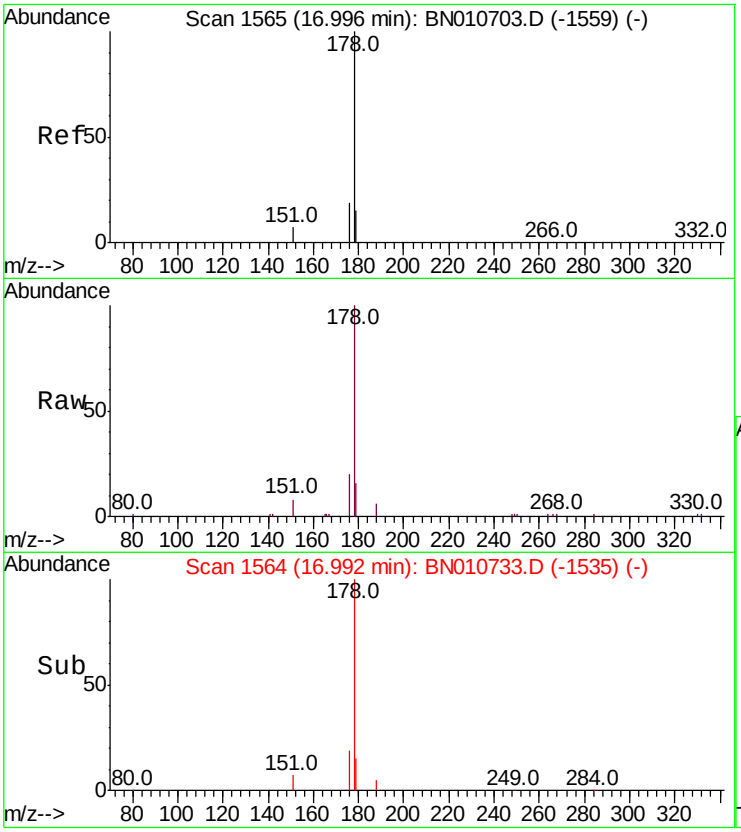


#22
Pentachlorophenol
Concen: 0.843 ng
RT: 16.62 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:266 Resp: 2306

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.1	76.7
268	65.1	52.1	78.1



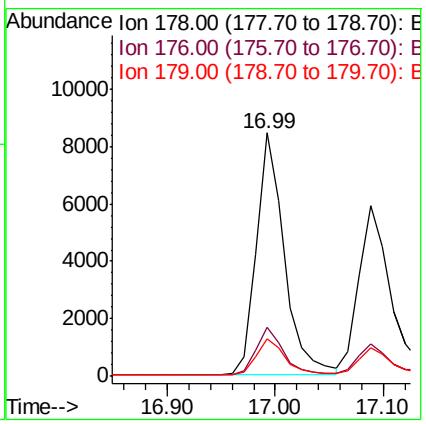


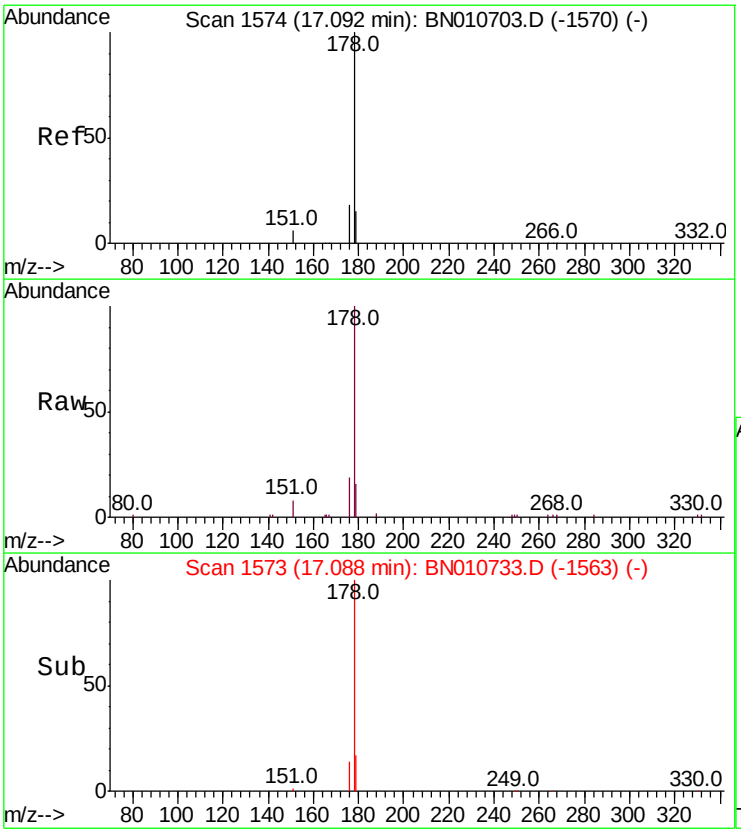
#23
Phenanthrene
Concen: 0.416 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:178 Resp: 15003

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.2	12.2	18.4

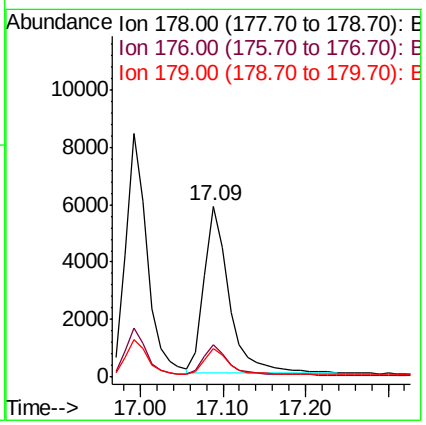


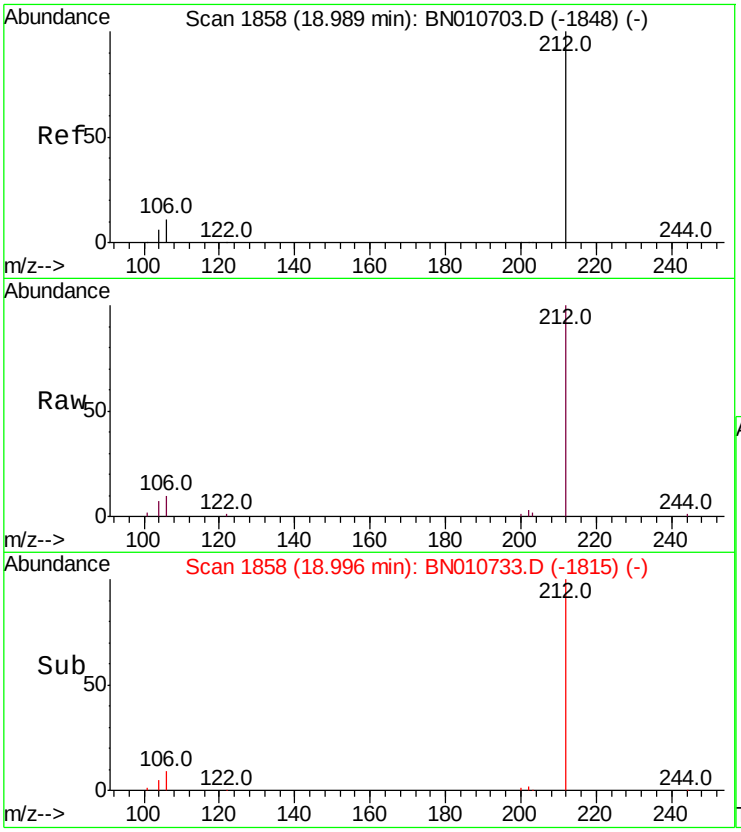


#24
Anthracene
Concen: 0.396 ng
RT: 17.09 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:178 Resp: 11985

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.4	12.3	18.5



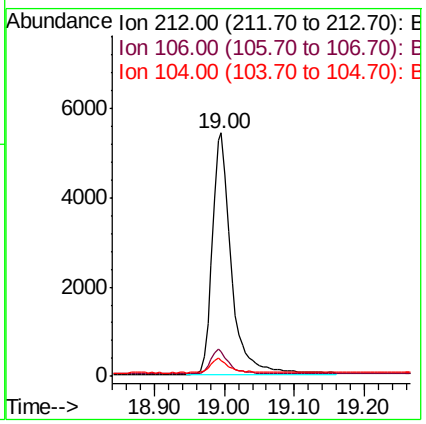


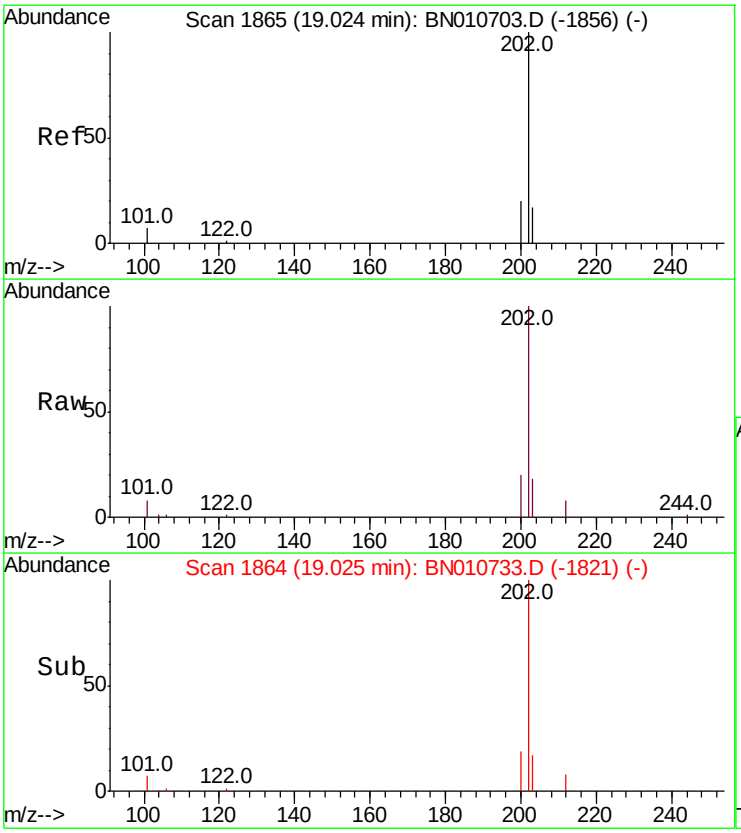
#25
Fluoranthene-d10
Concen: 0.280 ng
RT: 19.00 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:212 Resp: 10213

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

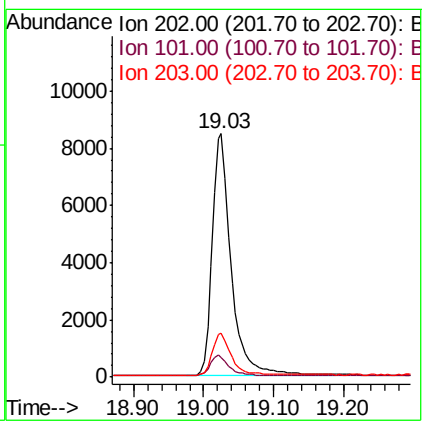


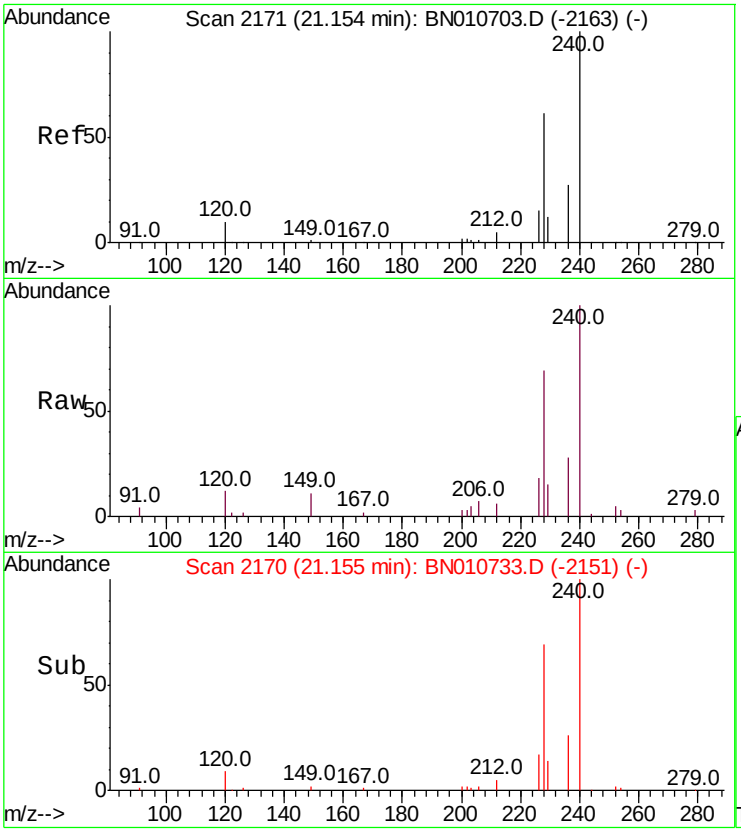


#26
Fluoranthene
Concen: 0.389 ng
RT: 19.03 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:202 Resp: 15915

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.7	10.1
203	17.2	13.4	20.0



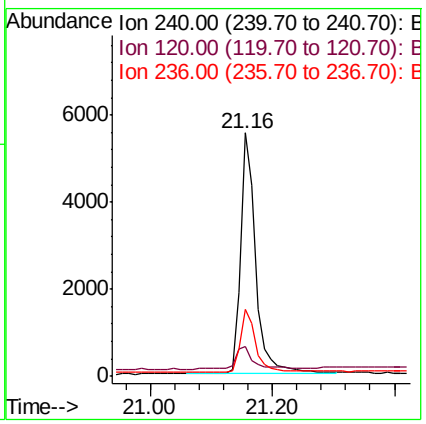


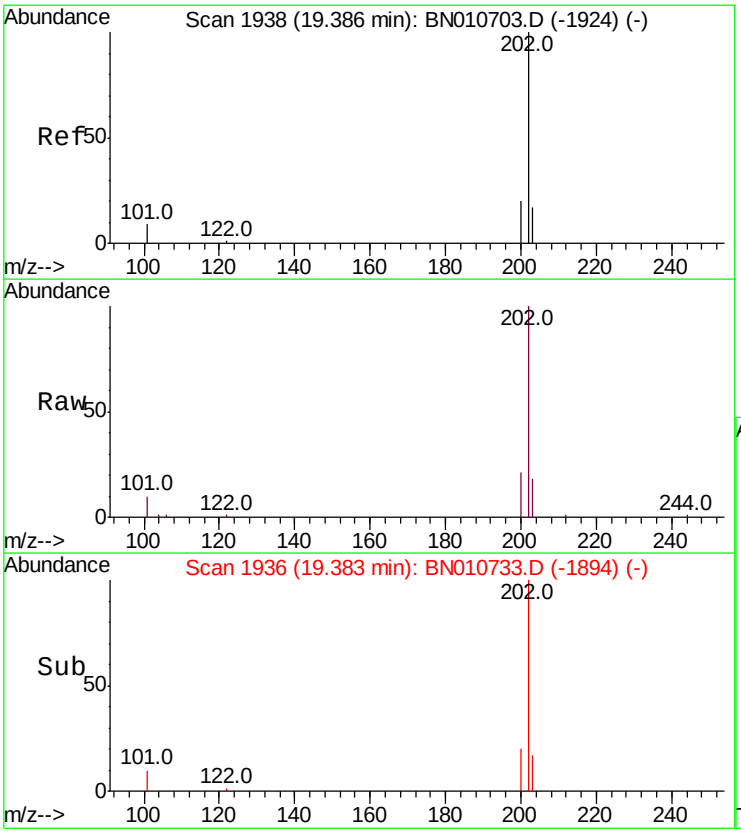
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:240 Resp: 9641

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	27.7	22.5	33.7

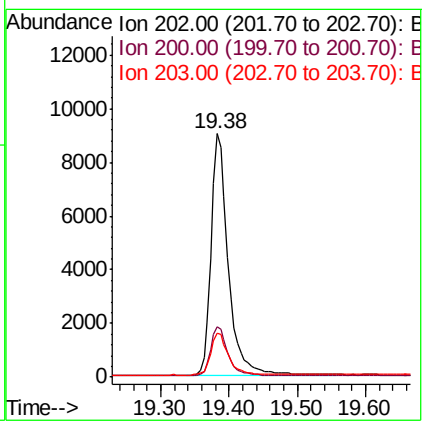


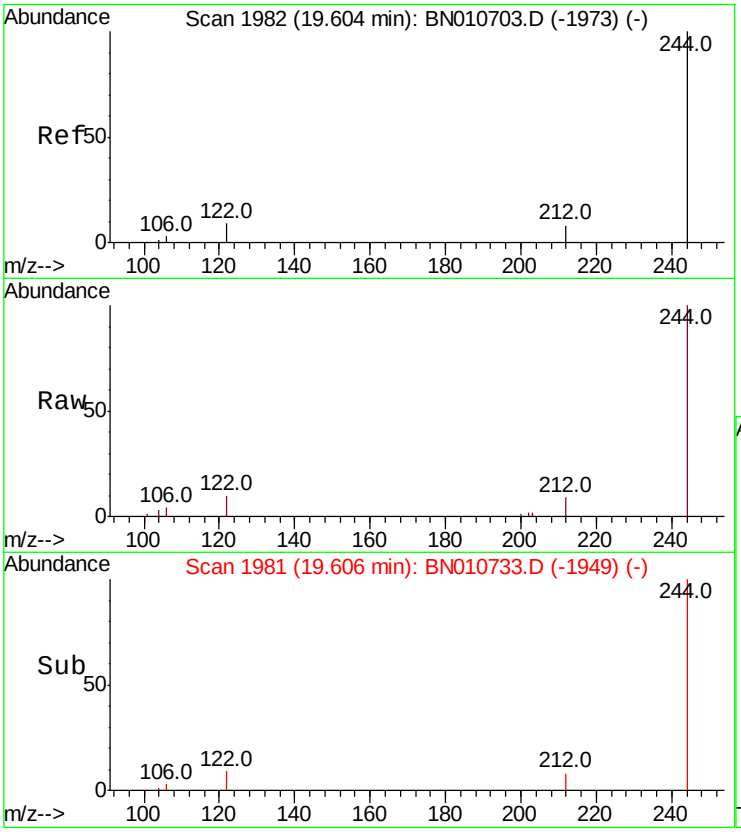


#28
Pyrene
Concen: 0.458 ng
RT: 19.38 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:202 Resp: 15826

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	18.0	14.1	21.1



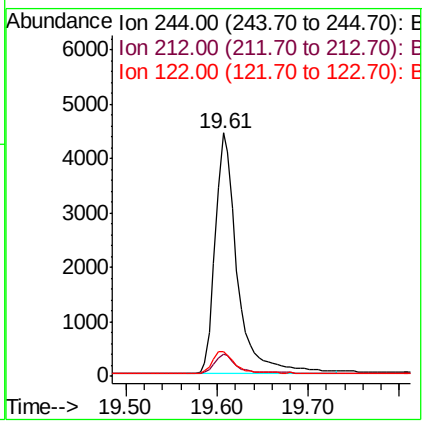


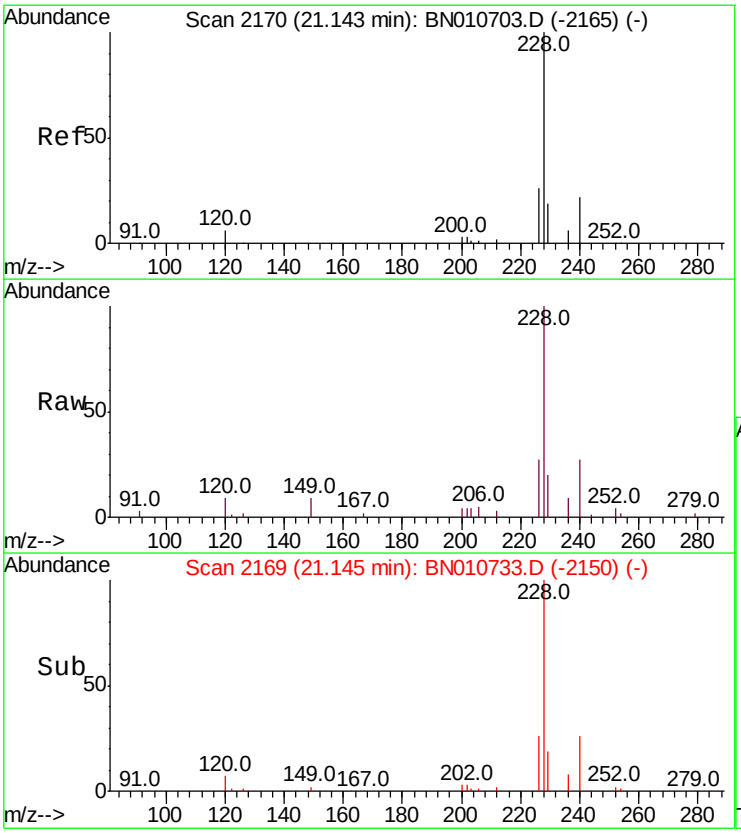
#29
Terphenyl-d14
Concen: 0.326 ng
RT: 19.61 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:244 Resp: 7463

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.8	10.2
122	10.4	8.1	12.1

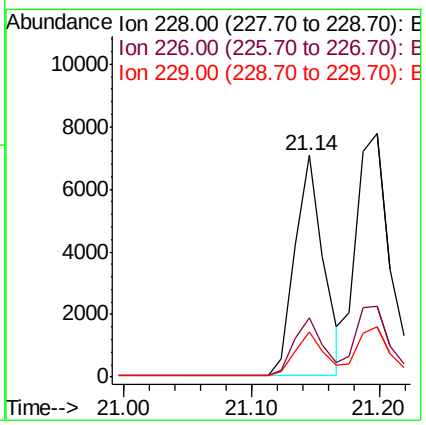


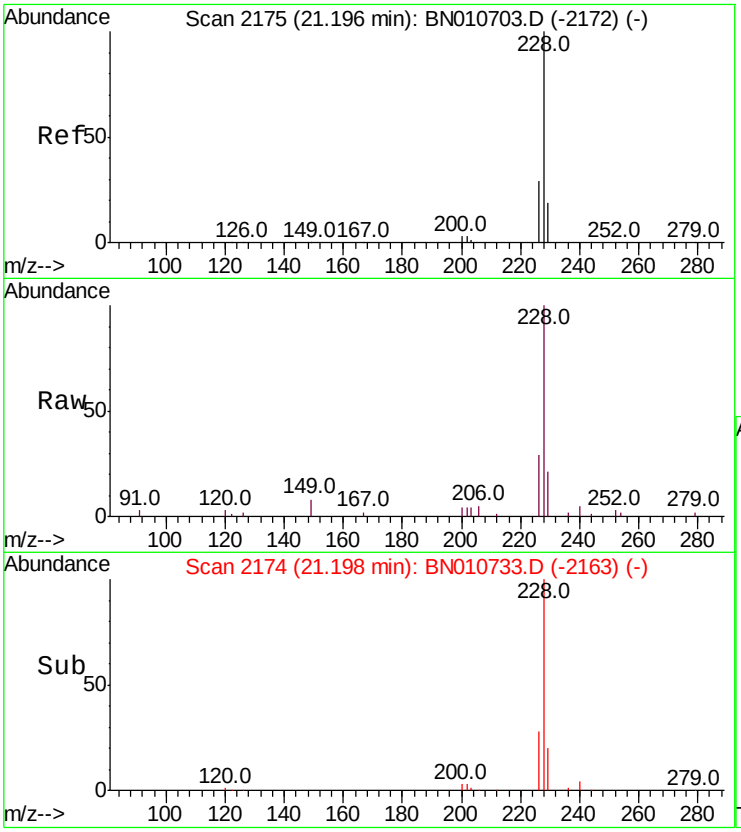


#30
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.14 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:228 Resp: 10958

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	20.1	16.0	24.0



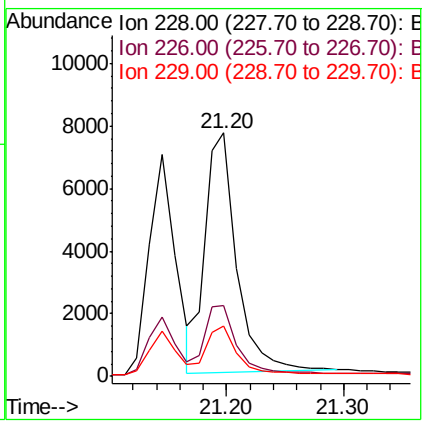


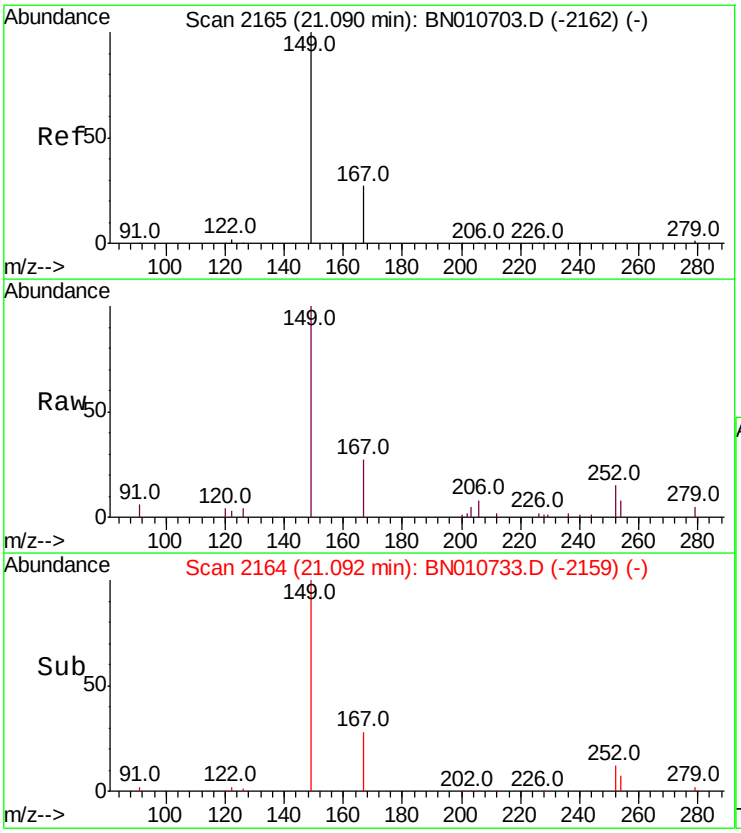
#31
Chrysene
Concen: 0.451 ng
RT: 21.20 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:228 Resp: 14366

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	20.7	16.1	24.1

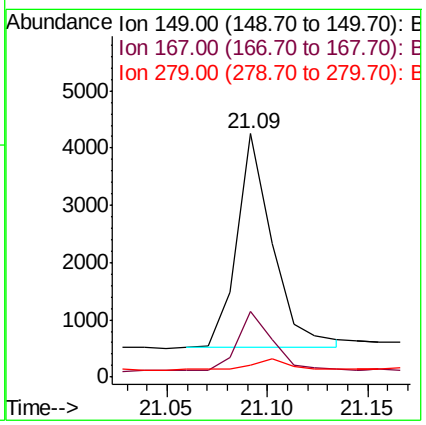


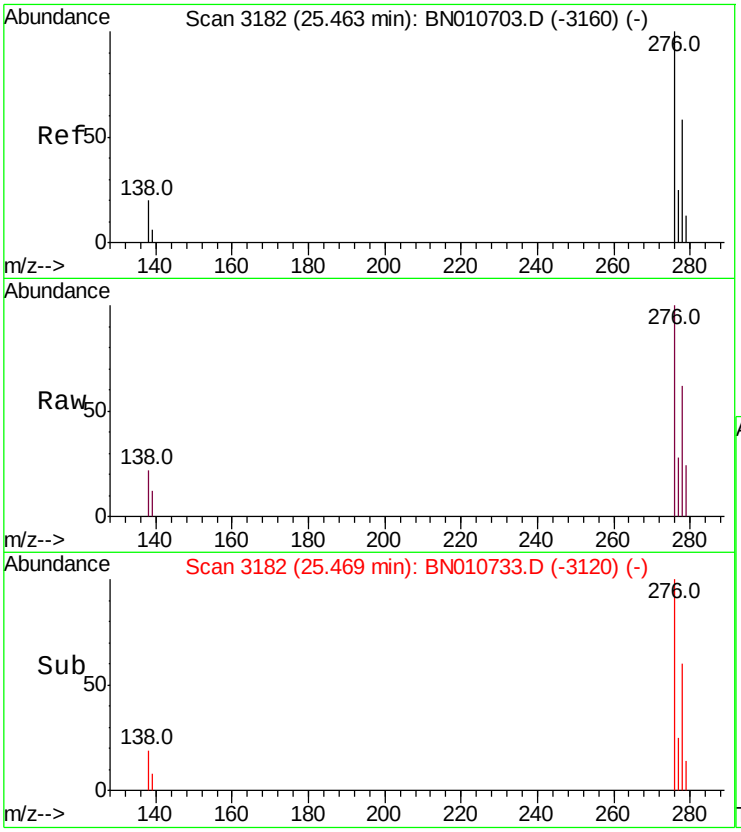


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.376 ng
RT: 21.09 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:149 Resp: 4630

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.5	33.7
279	4.4	4.1	6.1



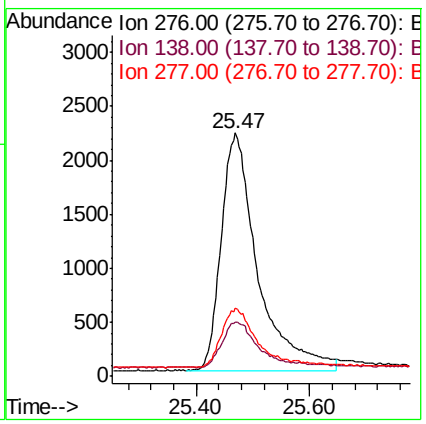


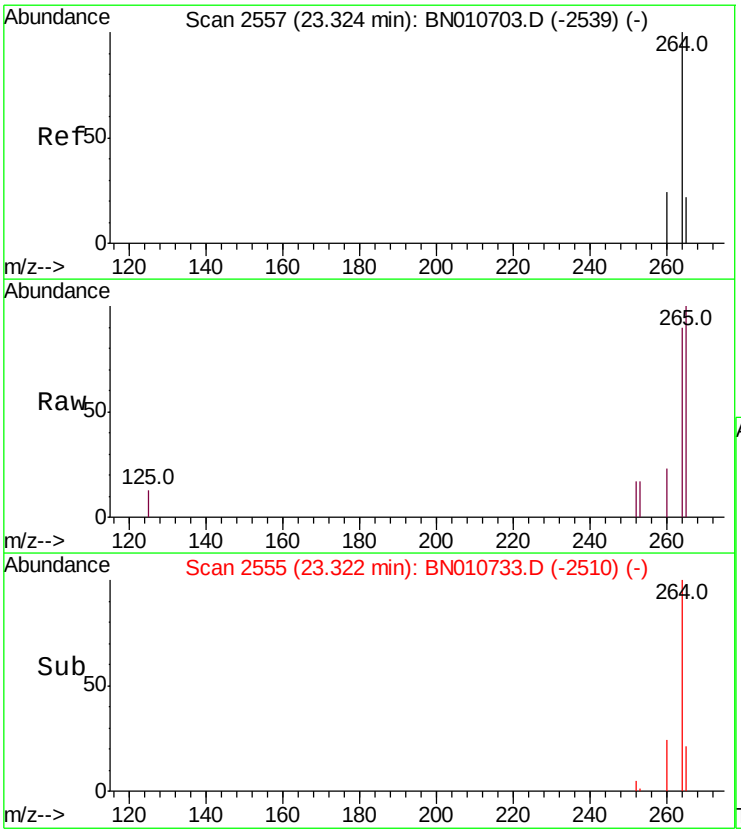
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng
RT: 25.47 min Scan# 3182
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:276 Resp: 9881

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.1	22.7
277	23.3	19.4	29.0

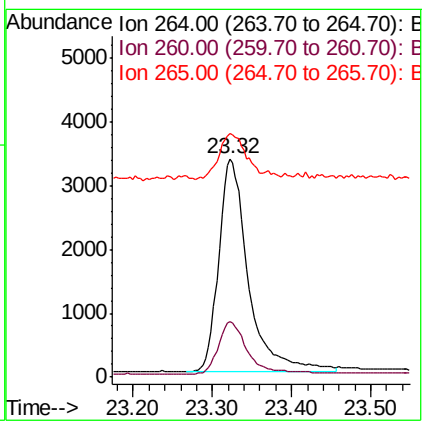


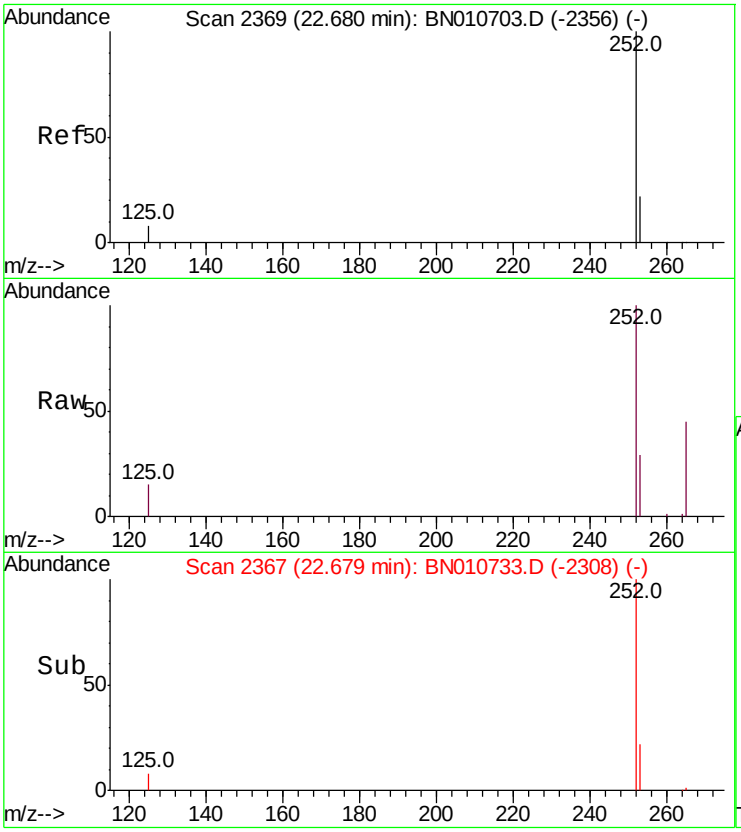


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:264 Resp: 8619

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.6	29.4
265	111.4	70.1	105.1#



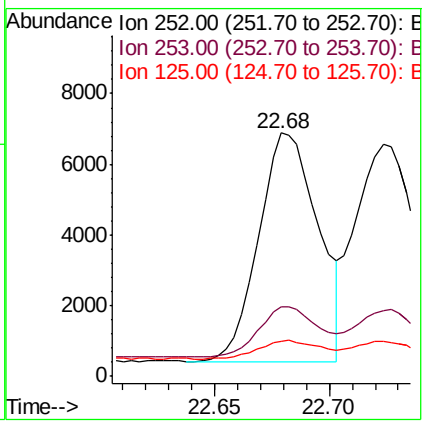


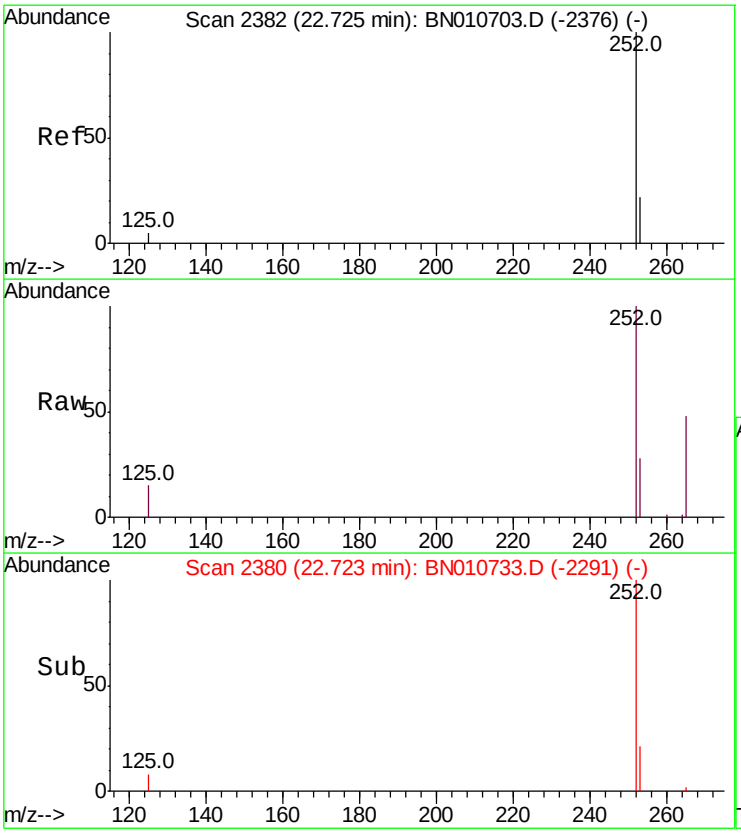
#35
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 22.68 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:252 Resp: 11637

Ion	Ratio	Lower	Upper
252	100		
253	28.7	22.0	33.0
125	14.6	10.8	16.2

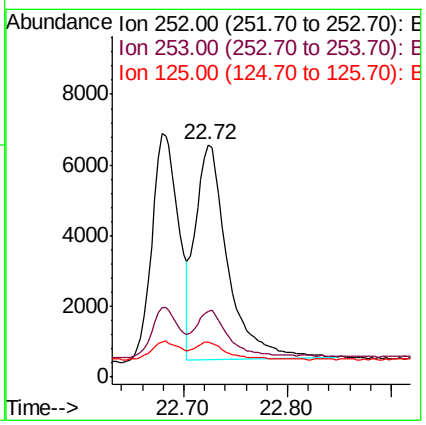


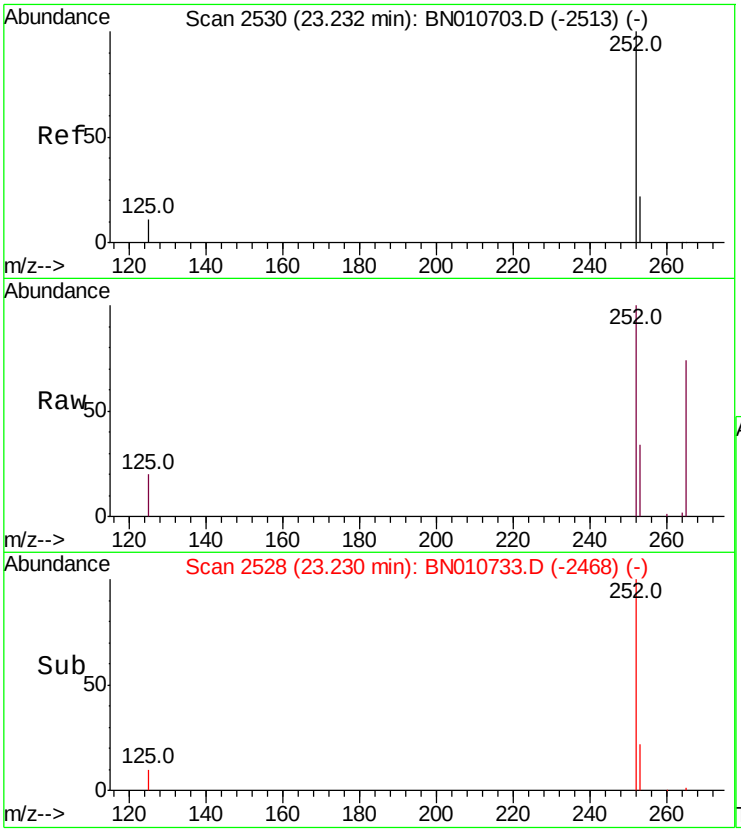


#36
Benzo(k)fluoranthene
Concen: 0.432 ng
RT: 22.72 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:252 Resp: 13246

Ion	Ratio	Lower	Upper
252	100		
253	28.2	21.9	32.9
125	14.8	11.1	16.7



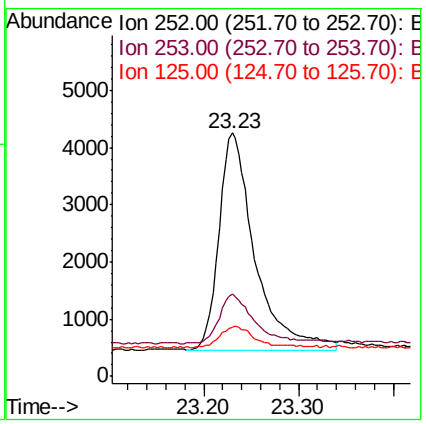


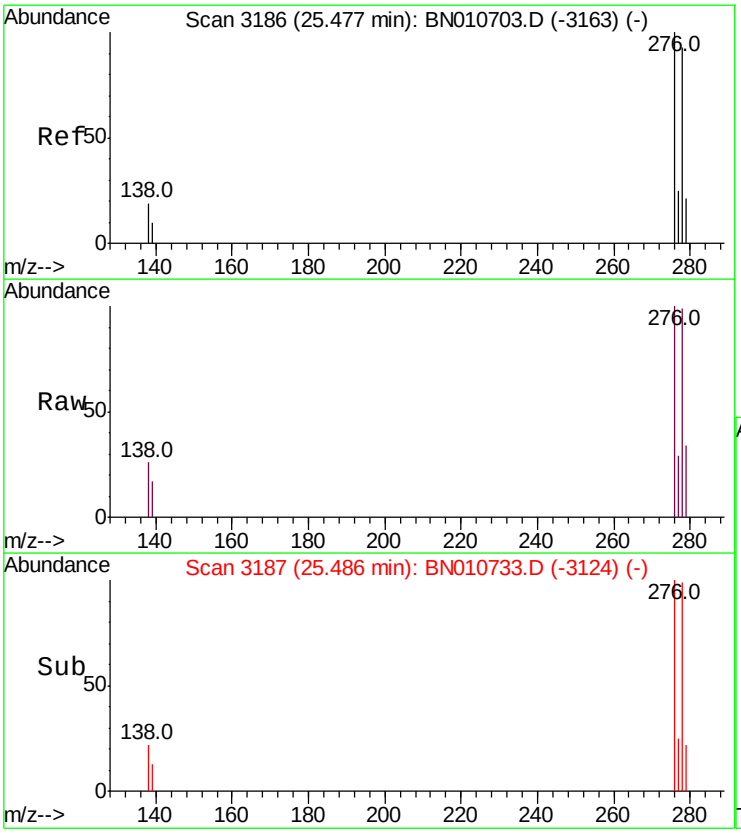
#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.23 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:252 Resp: 10075

Ion	Ratio	Lower	Upper
252	100		
253	33.6	24.8	37.2
125	20.3	15.8	23.6

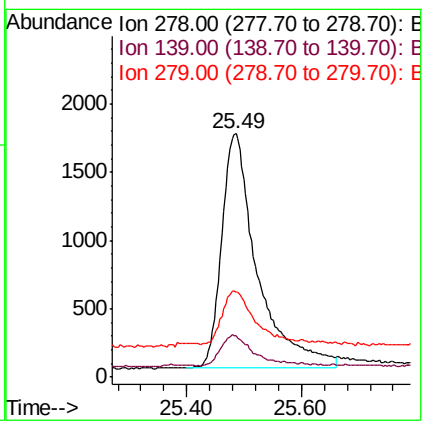


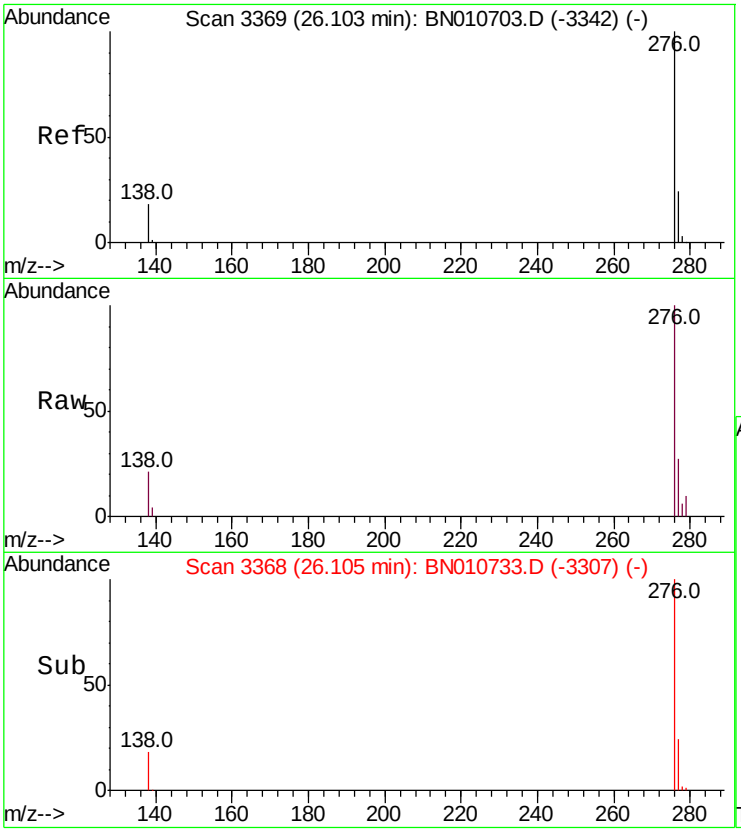


#38
Dibenzo(a,h)anthracene
Concen: 0.354 ng
RT: 25.49 min Scan# 3187
Delta R.T. 0.02 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Tgt Ion:278 Resp: 7460

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.0	19.4
279	34.6	25.1	37.7





#39
Benzo(g,h,i)perylene
Concen: 0.400 ng
RT: 26.11 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BN010733.D
Acq: 21 May 2020 18:10

Instrument :
BNA_N
ClientSampleId :
PB129048BSD

Tgt Ion:276 Resp: 9873

Ion	Ratio	Lower	Upper
276	100		
277	27.0	20.6	30.8
138	21.4	16.0	24.0