Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051220\
Data File : BN010696.D
Acq On : 12 May 2020 12:33
Operator : CG/JU
Sample : PB128768BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128768BSD

Quant Time: May 12 13:19:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 10:58:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4434	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	17254	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	10795	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	23261	0.40	ng		0.00
27) Chrysene-d12	21.16	240	19273	0.40	ng		0.00
34) Perylene-d12	23.33	264	17688	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	2680	0.28	ng		0.00
5) Phenol-d6	6.78	99	3162	0.25	ng		0.00
8) Nitrobenzene-d5	8.71	82	3433	0.28	ng		-0.01
11) 2-Methylnaphthalene-d10	11.93	152	10749	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	907	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.82	172	11078	0.28	ng		0.00
25) Fluoranthene-d10	18.99	212	15490	0.22	ng		0.00
29) Terphenyl-d14	19.60	244	11751	0.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1064	0.326	ng	#	88
3) n-Nitrosodimethylamine	3.55	42	1001	0.473	ng	#	88
6) bis(2-Chloroethyl)ether	7.02	93	4377	0.398	ng		98
9) Naphthalene	10.38	128	16779	0.392	ng		99
10) Hexachlorobutadiene	10.68	225	3684	0.357	ng	#	98
12) 2-Methylnaphthalene	12.00	142	11890	0.386	ng		99
16) Acenaphthylene	13.91	152	16091	0.345	ng		99
17) Acenaphthene	14.26	154	11003	0.367	ng		99
18) Fluorene	15.26	166	14255	0.363	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	4392	0.340	ng	#	85
21) Hexachlorobenzene	16.27	284	5454	0.370	ng		96
22) Pentachlorophenol	16.62	266	3110	0.536	ng		99
23) Phenanthrene	17.00	178	22351	0.356	ng		99
24) Anthracene	17.09	178	18632	0.324	ng		100
26) Fluoranthene	19.02	202	24752	0.317	ng		100
28) Pyrene	19.39	202	24566	0.379	ng		99
30) Benzo(a)anthracene	21.14	228	20155	0.321	ng		100
31) Chrysene	21.20	228	22250	0.355	ng		99
32) Bis(2-ethylhexyl)phthalate	21.10	149	8326	0.258	ng		99
33) Indeno(1,2,3-cd)pyrene	25.47	276	20149	0.364	ng		99
35) Benzo(b)fluoranthene	22.68	252	20956	0.360	ng		99
36) Benzo(k)fluoranthene	22.73	252	22331	0.383	ng		99
37) Benzo(a)pyrene	23.24	252	18508	0.359	ng		98
38) Dibenzo(a,h)anthracene	25.49	278	15863	0.337	ng		98
39) Benzo(g,h,i)perylene	26.11	276	18706	0.394	ng		99

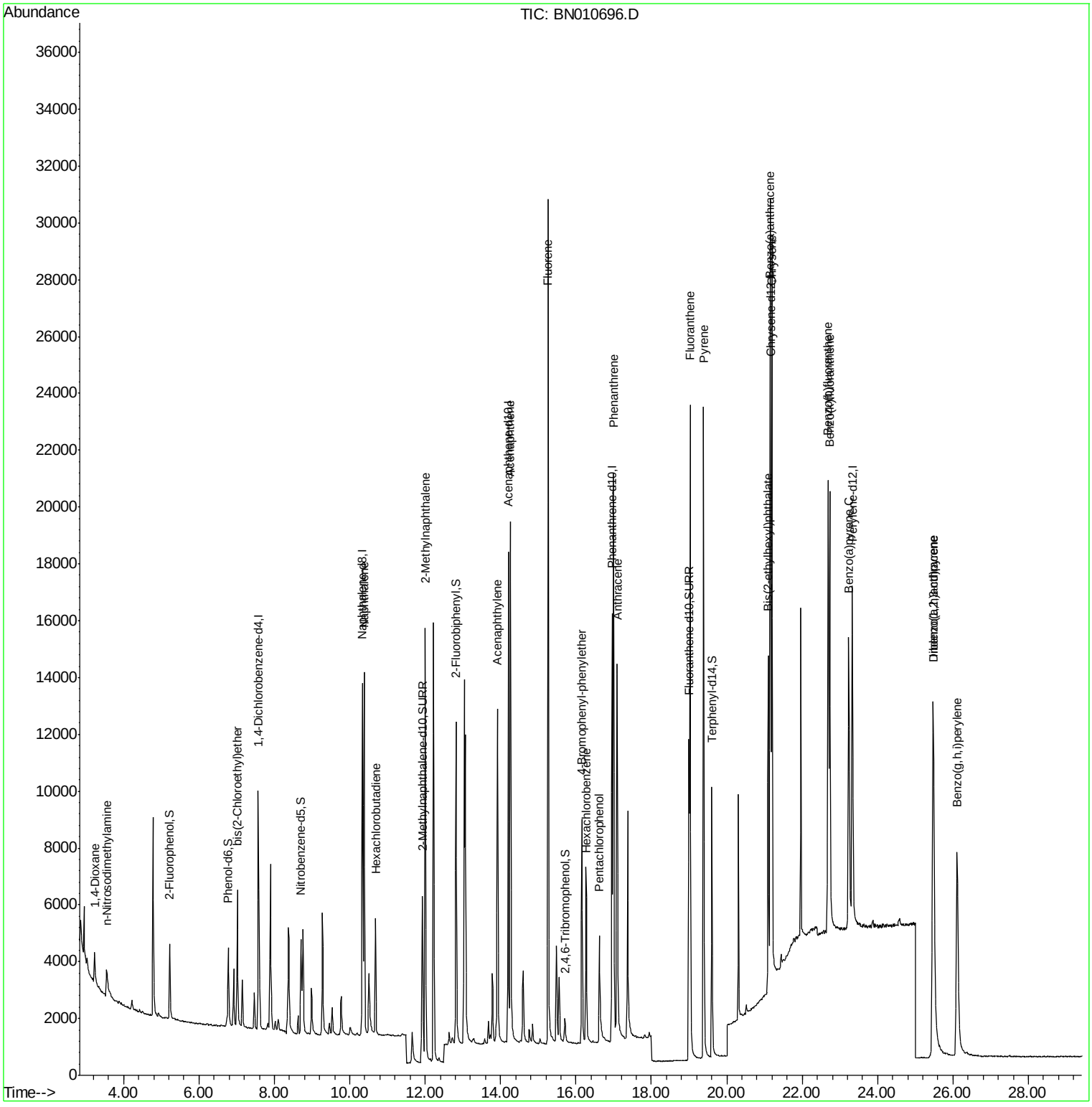
(#) = qualifier out of range (m) = manual integration (+) = signals summed

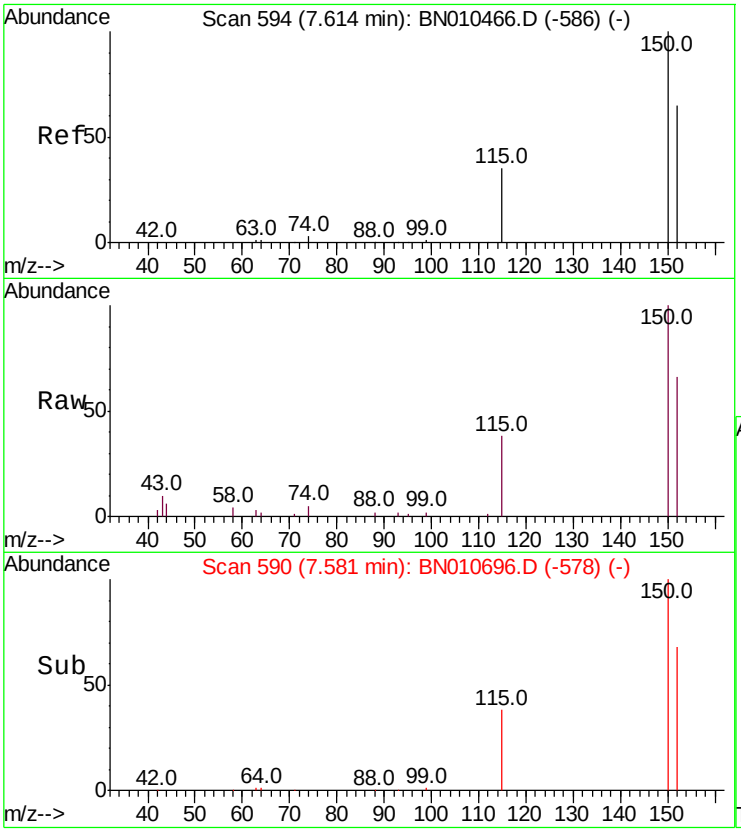
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051220\
Data File : BN010696.D
Acq On : 12 May 2020 12:33
Operator : CG/JU
Sample : PB128768BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Quant Time: May 12 13:19:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 10:58:34 2020
Response via : Initial Calibration



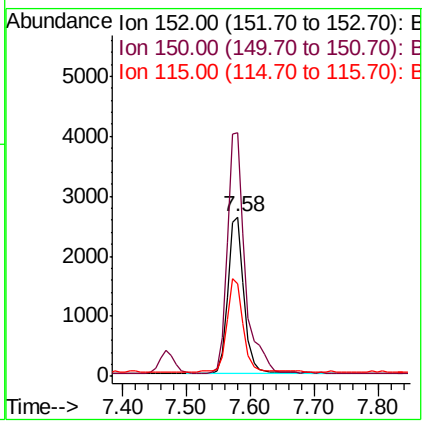


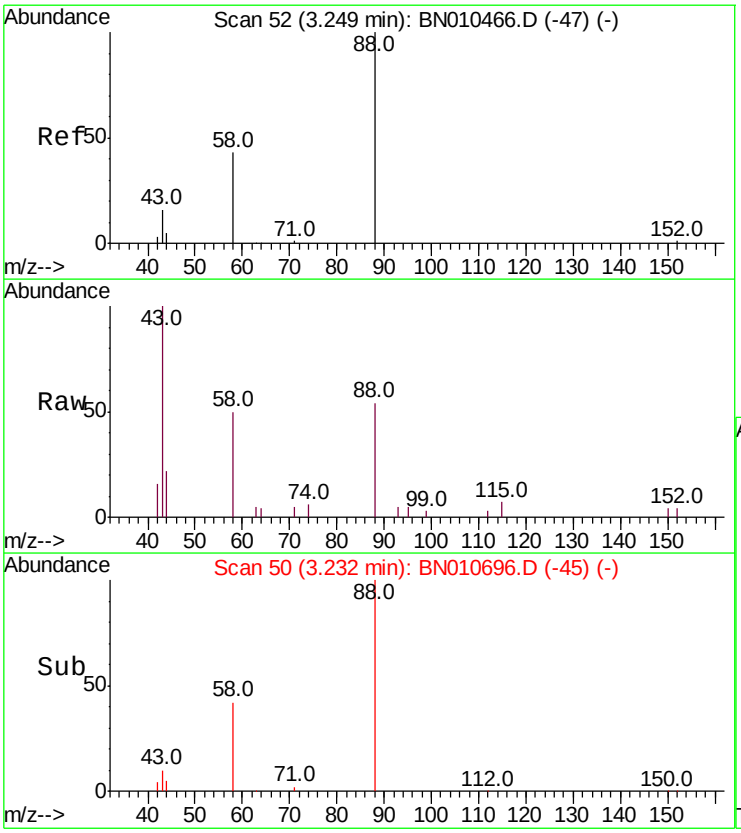
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:152 Resp: 4434

Ion	Ratio	Lower	Upper
152	100		
150	152.6	121.8	182.6
115	58.0	45.5	68.3

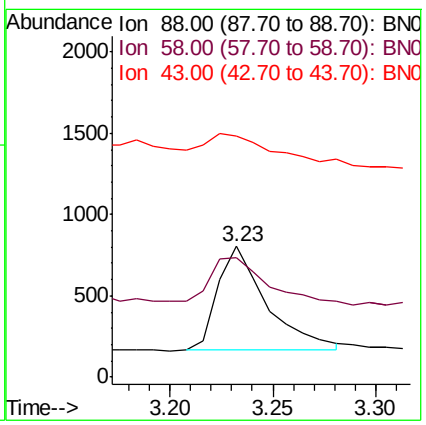


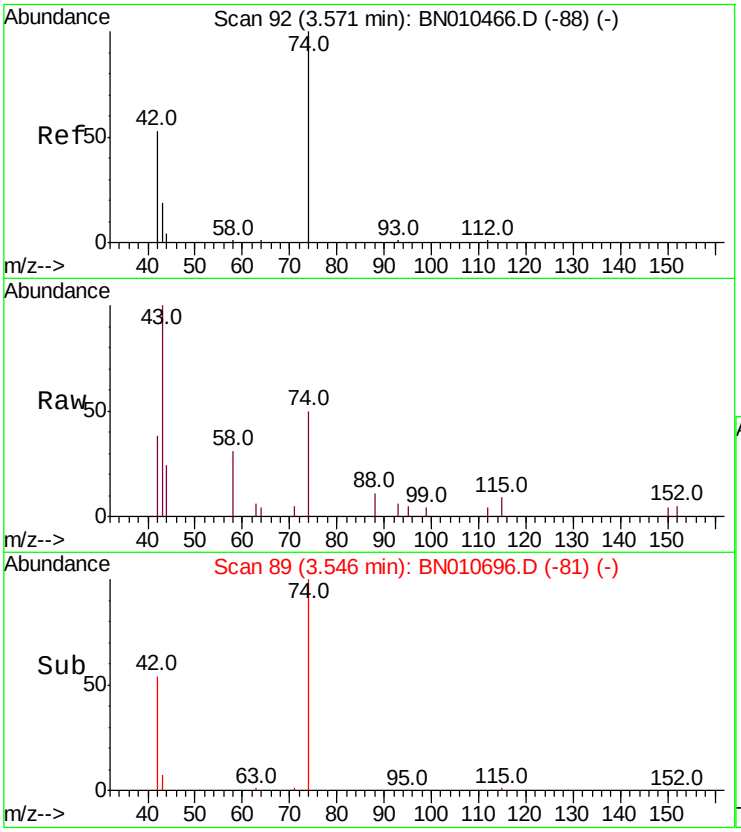


#2
1,4-Dioxane
Concen: 0.326 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion: 88 Resp: 1064

Ion	Ratio	Lower	Upper
88	100		
58	42.9	36.5	54.7
43	30.5	13.2	19.8#



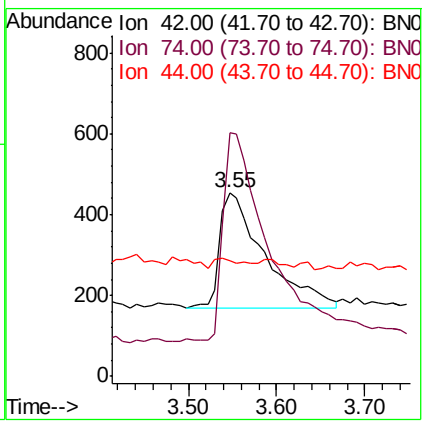


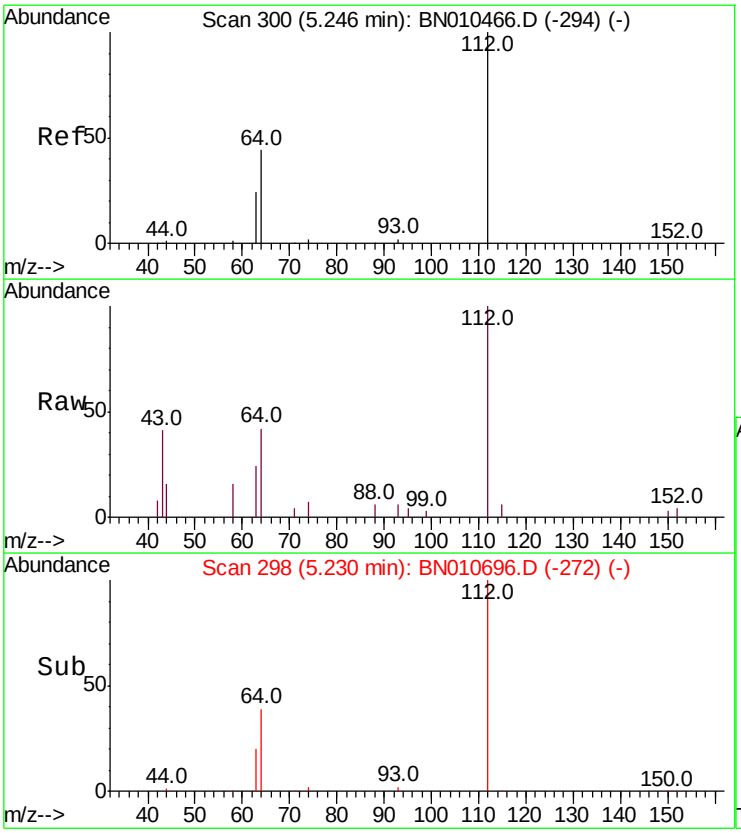
#3
n-Nitrosodimethylamine
Concen: 0.473 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.03 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion: 42 Resp: 1001

Ion	Ratio	Lower	Upper
42	100		
74	184.8	162.2	243.4
44	5.3	2.4	3.6#

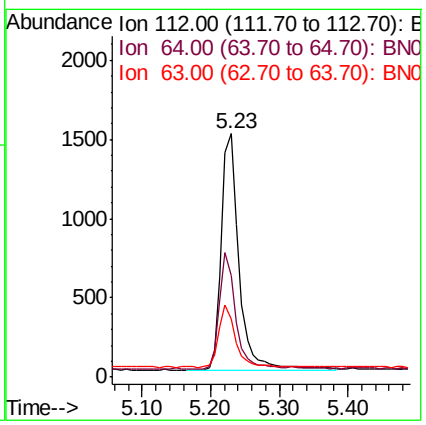


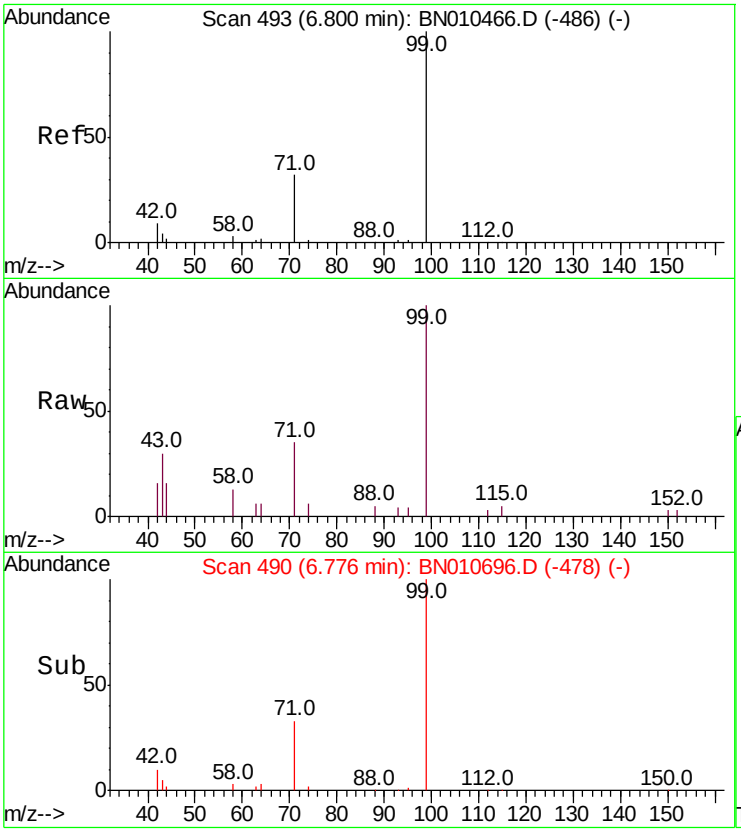


#4
2-Fluorophenol
Concen: 0.276 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.01 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:112 Resp: 2680

Ion	Ratio	Lower	Upper
112	100		
64	45.1	35.8	53.8
63	24.9	19.9	29.9



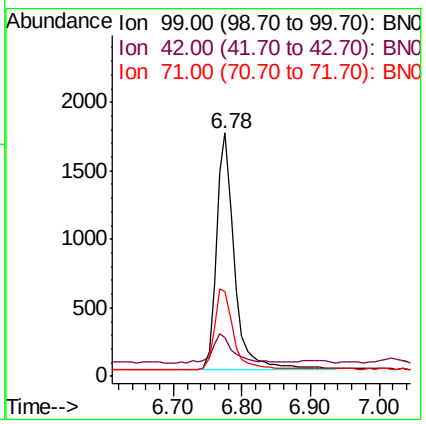


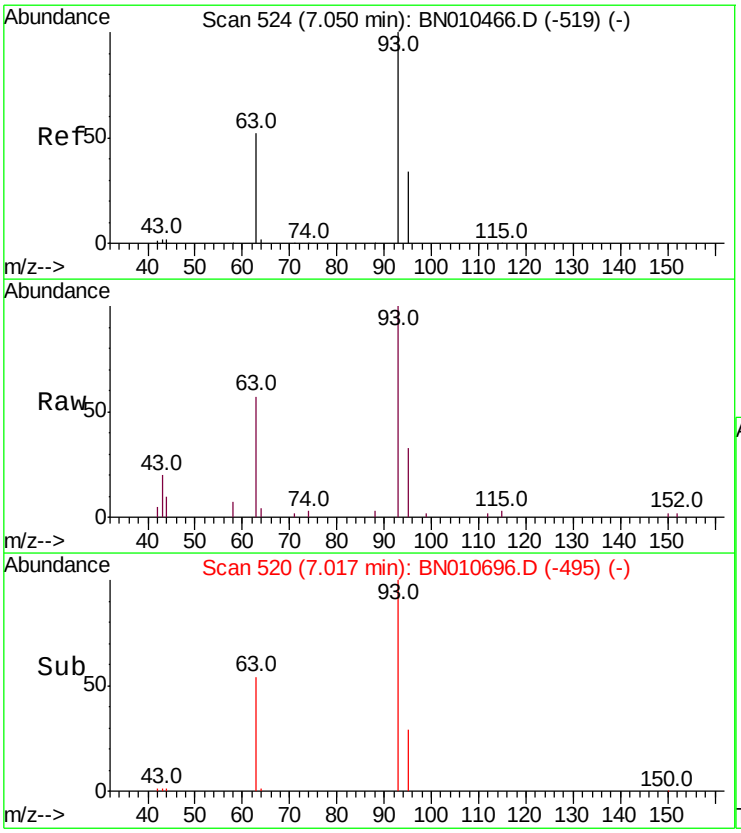
#5
Phenol-d6
Concen: 0.249 ng
RT: 6.78 min Scan# 490
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion: 99 Resp: 3162

Ion	Ratio	Lower	Upper
99	100		
42	14.4	9.8	14.6
71	35.2	27.8	41.8

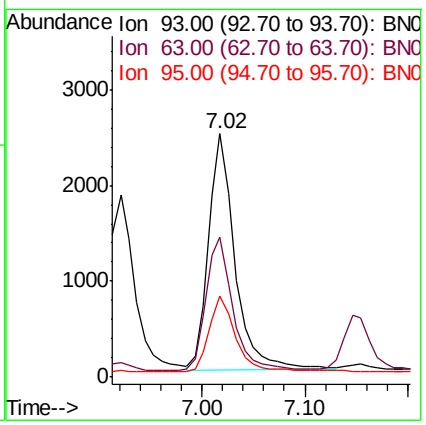


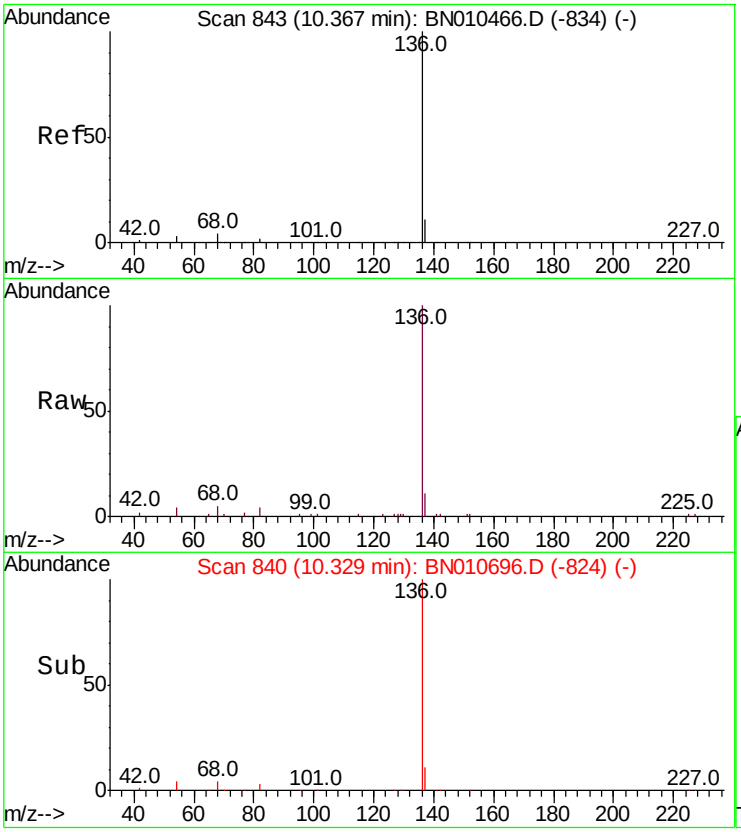


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion: 93 Resp: 4377

Ion	Ratio	Lower	Upper
93	100		
63	57.9	44.6	66.8
95	32.9	26.5	39.7



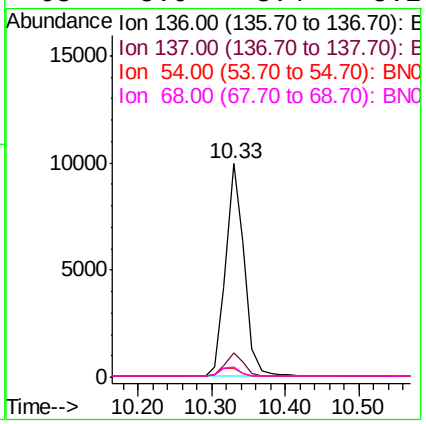


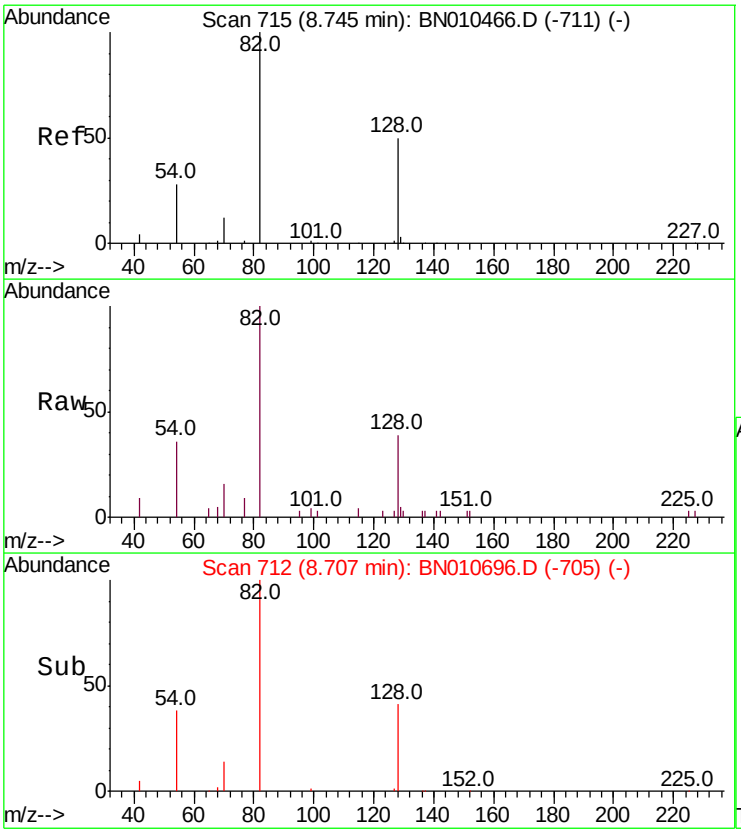
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:136 Resp: 17254

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	4.3	2.6	4.0#
68	5.0	3.4	5.2

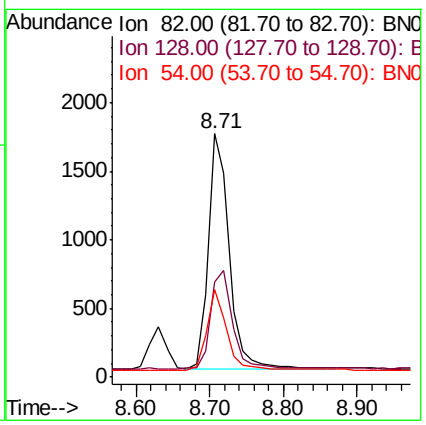


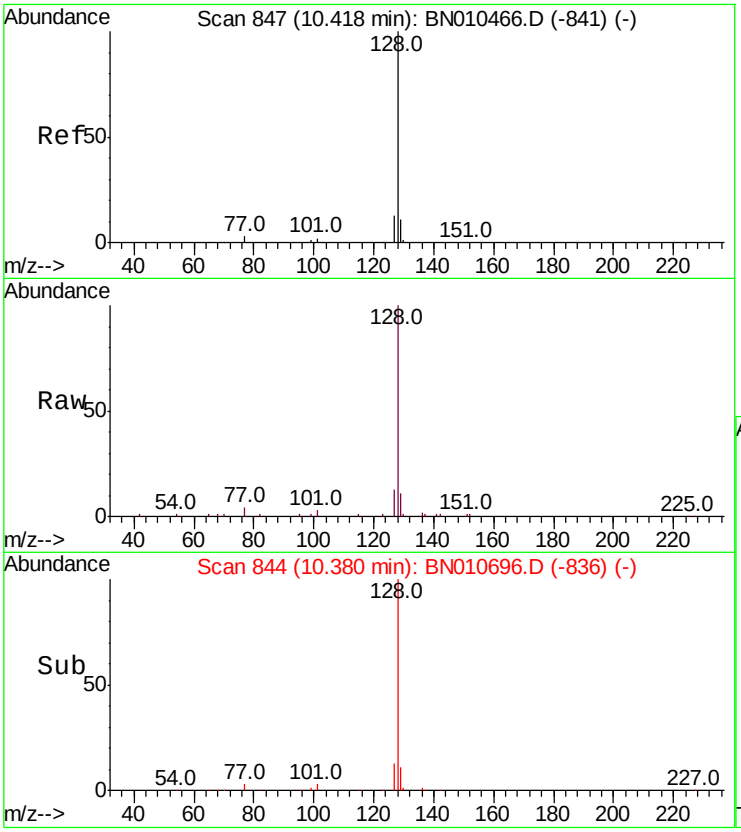


#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 8.71 min Scan# 712
Delta R.T. -0.01 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion: 82 Resp: 3433

Ion	Ratio	Lower	Upper
82	100		
128	39.1	41.3	61.9#
54	36.0	23.4	35.0#



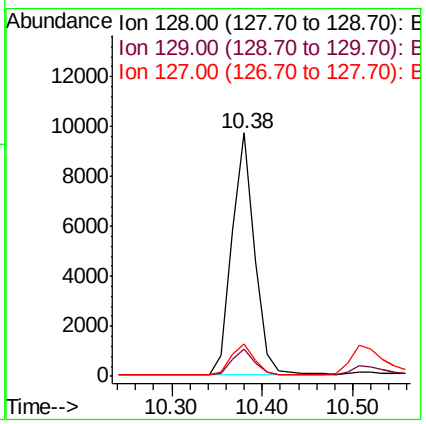


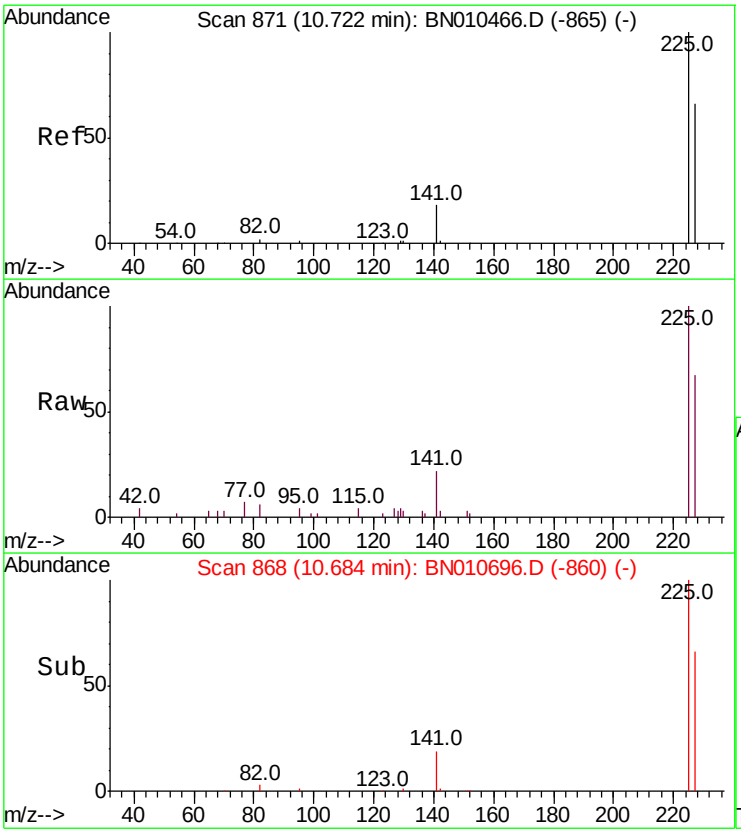
#9
Naphthalene
Concen: 0.392 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:128 Resp: 16779

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.3	10.5	15.7

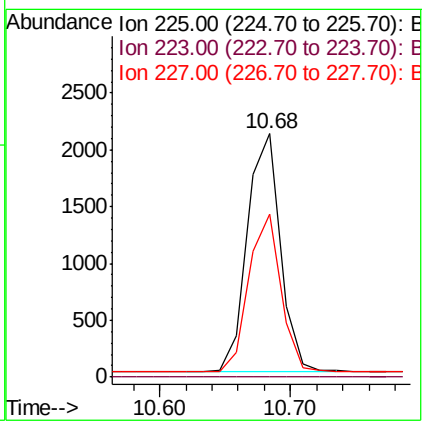


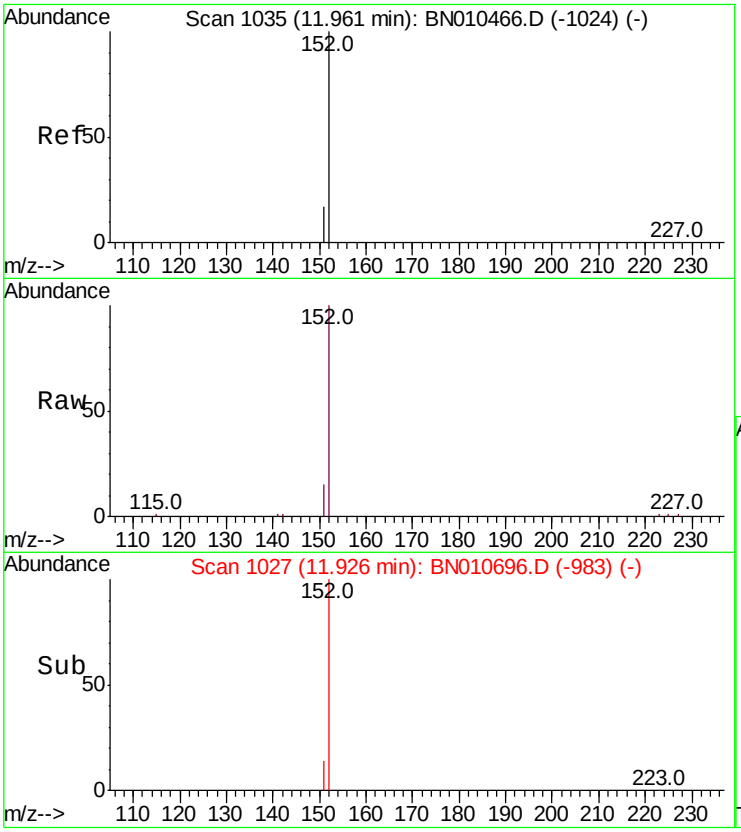


#10
Hexachlorobutadiene
Concen: 0.357 ng
RT: 10.68 min Scan# 868
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:225 Resp: 3684

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.6	76.0



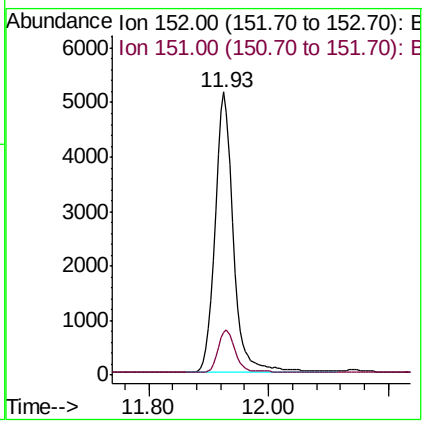


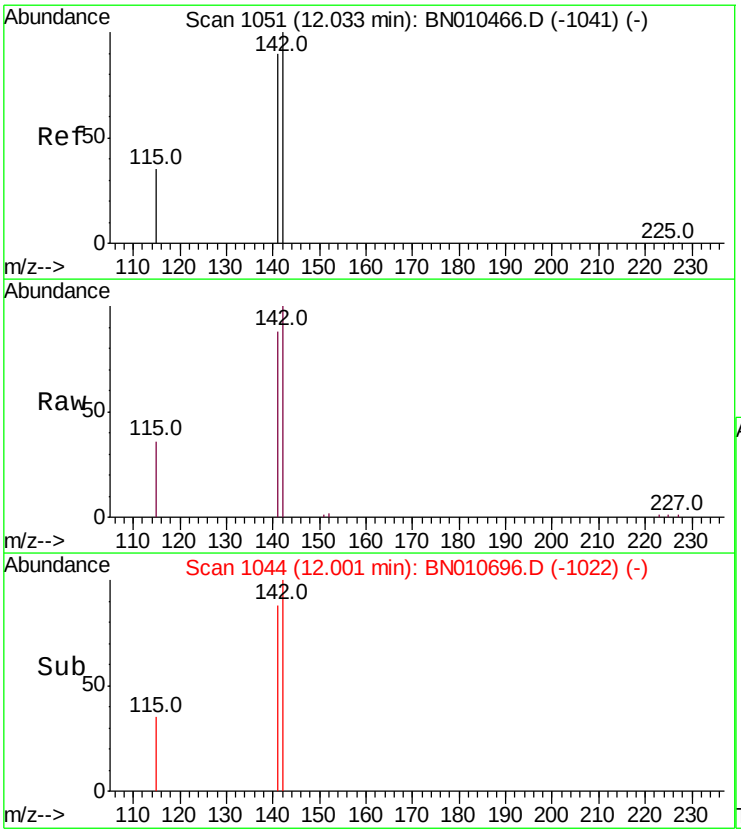
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:152 Resp: 10749

Ion	Ratio	Lower	Upper
152	100		
151	14.1	15.3	22.9#

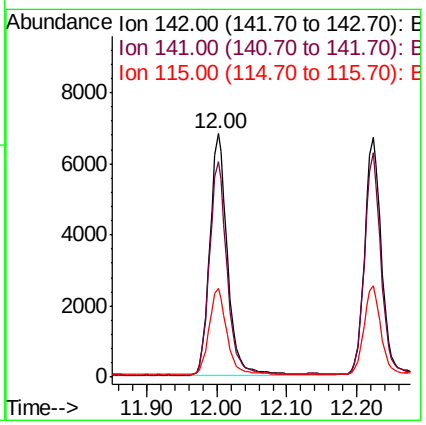


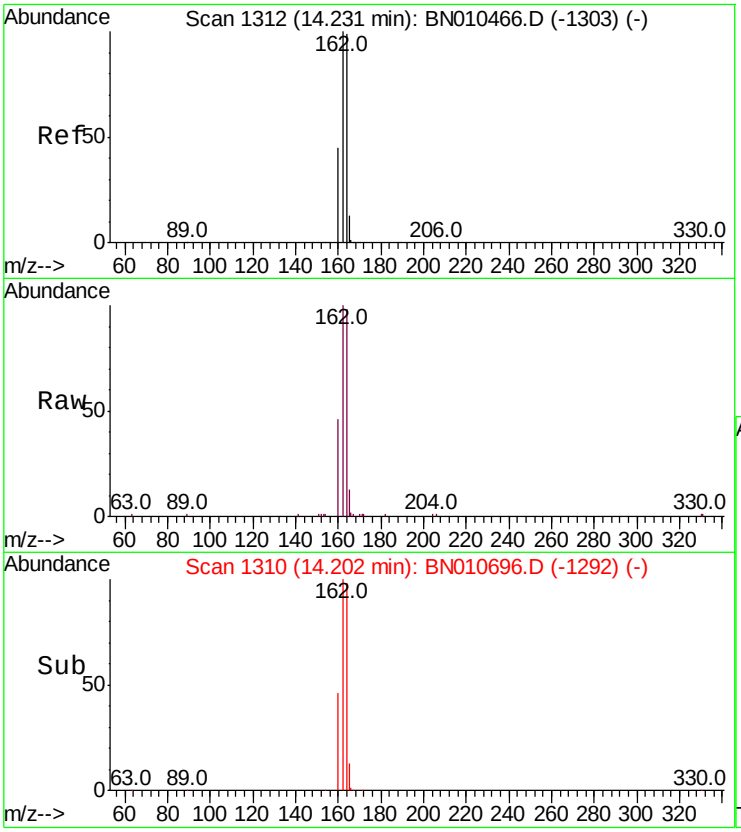


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.00 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:142 Resp: 11890

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
115	36.3	28.8	43.2



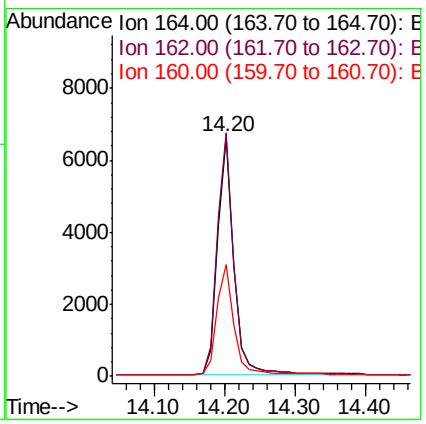


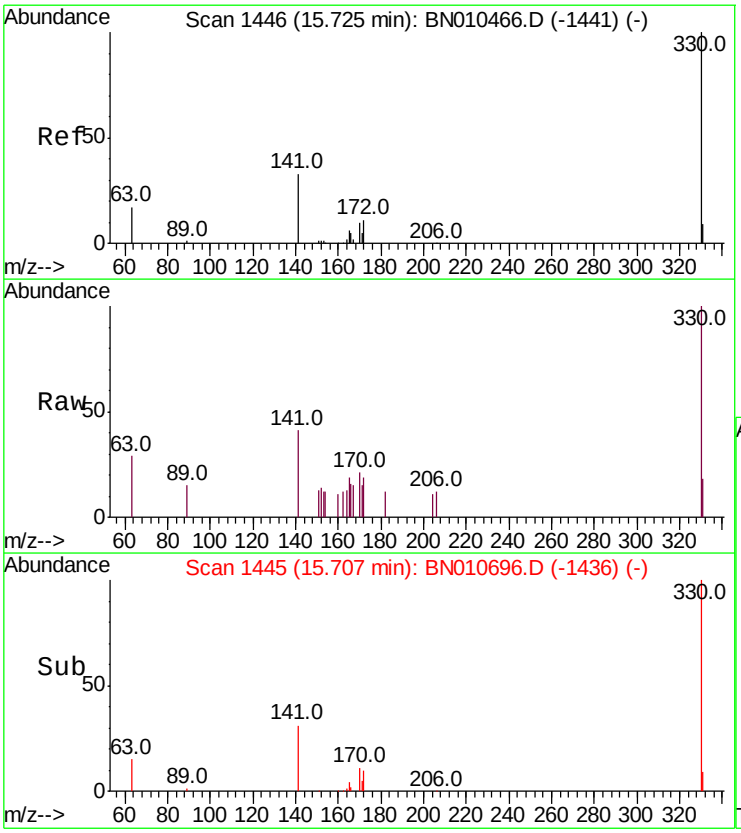
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:164 Resp: 10795

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	121.0
160	47.0	36.5	54.7

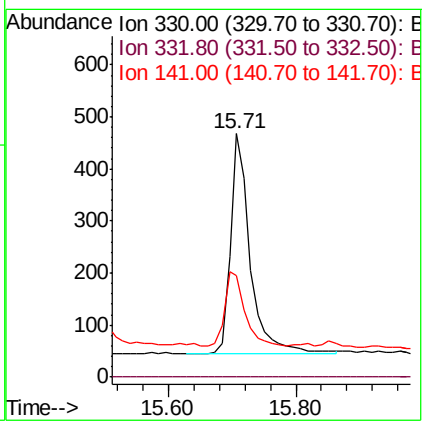


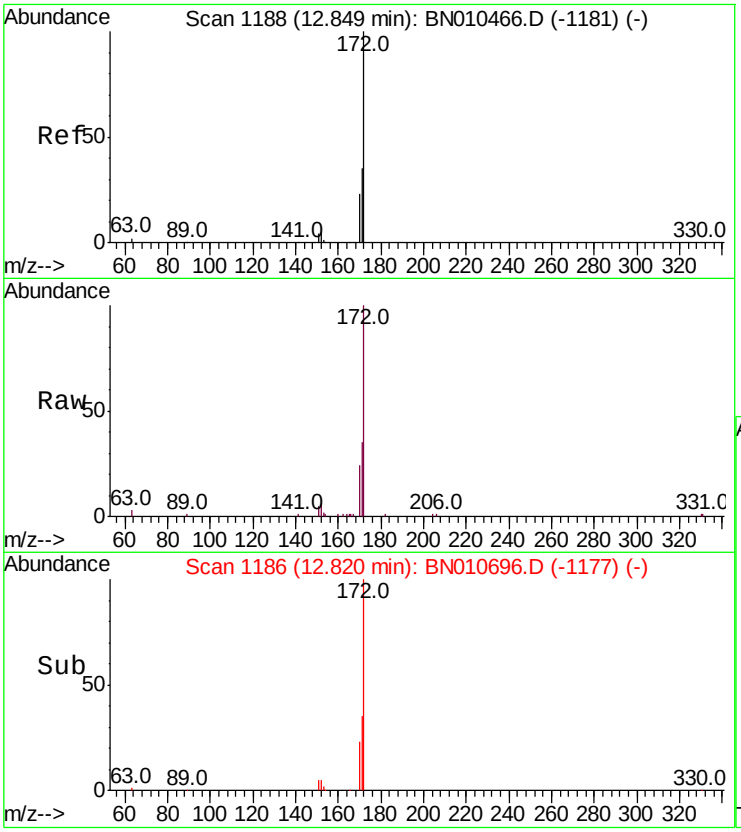


#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:330 Resp: 907

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.2	28.1	42.1



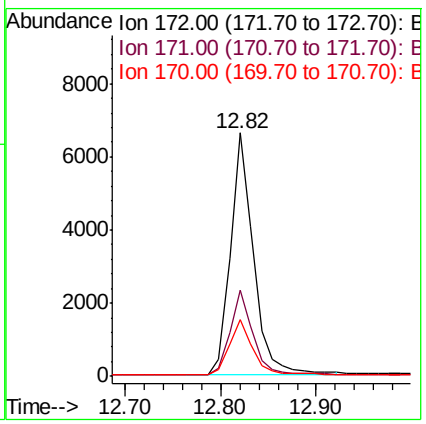


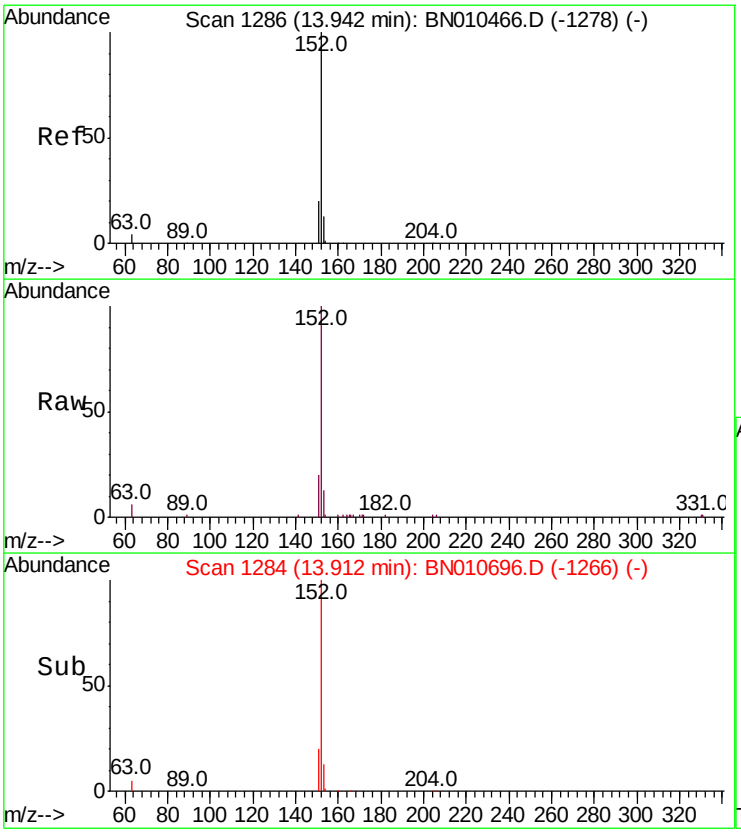
#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:172 Resp: 11078

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.5	18.4	27.6

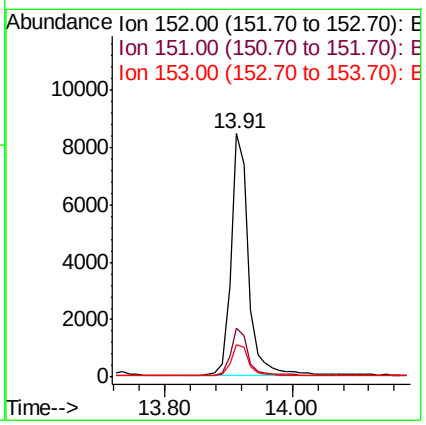


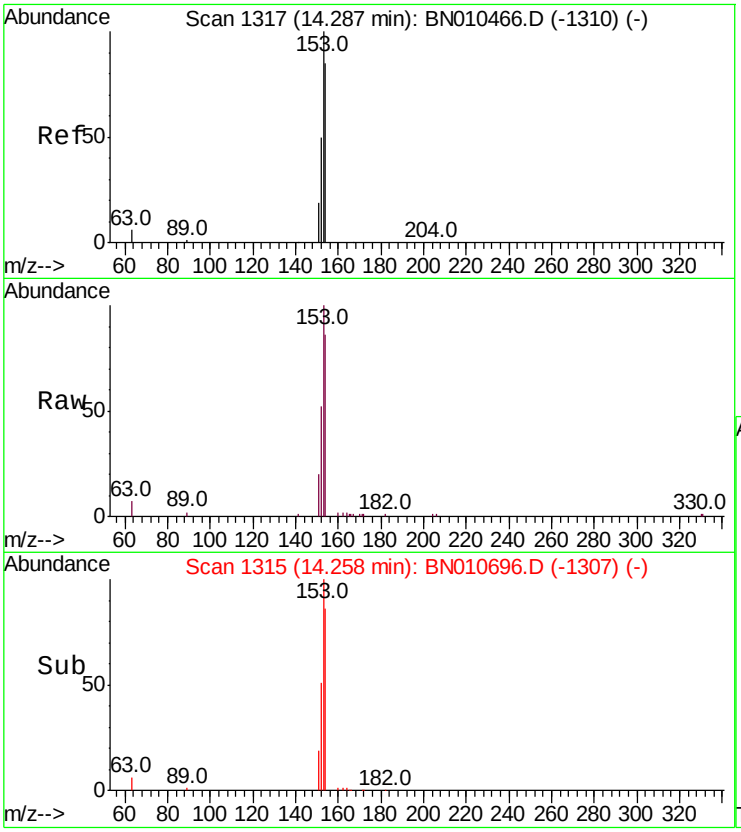


#16
Acenaphthylene
Concen: 0.345 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:152 Resp: 16091

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.6	15.8



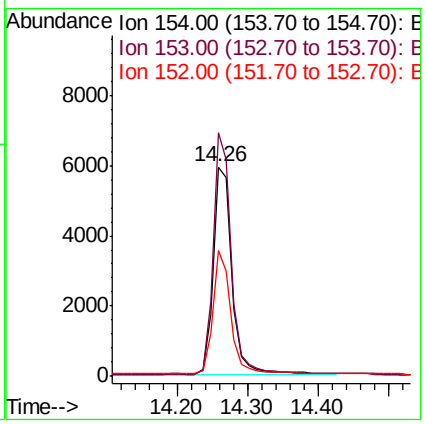


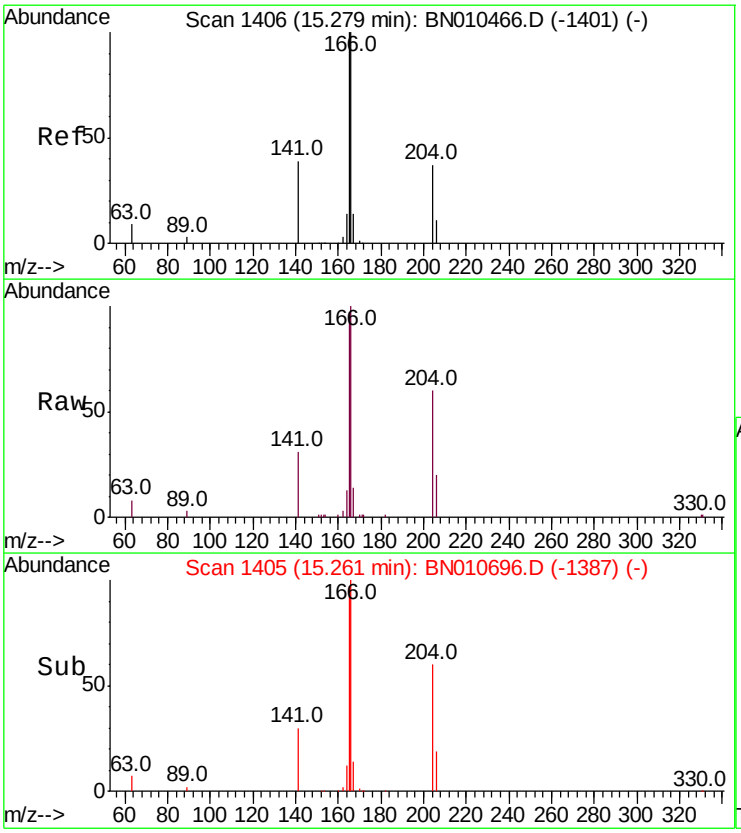
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.26 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:154 Resp: 11003

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	57.4	44.6	67.0

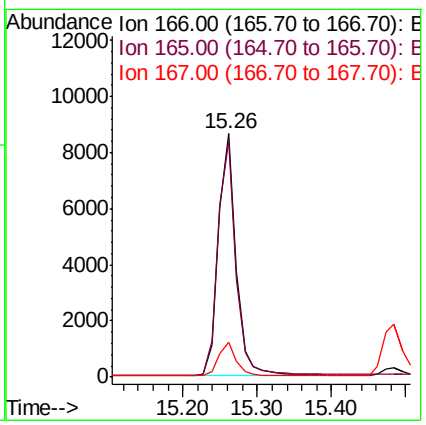


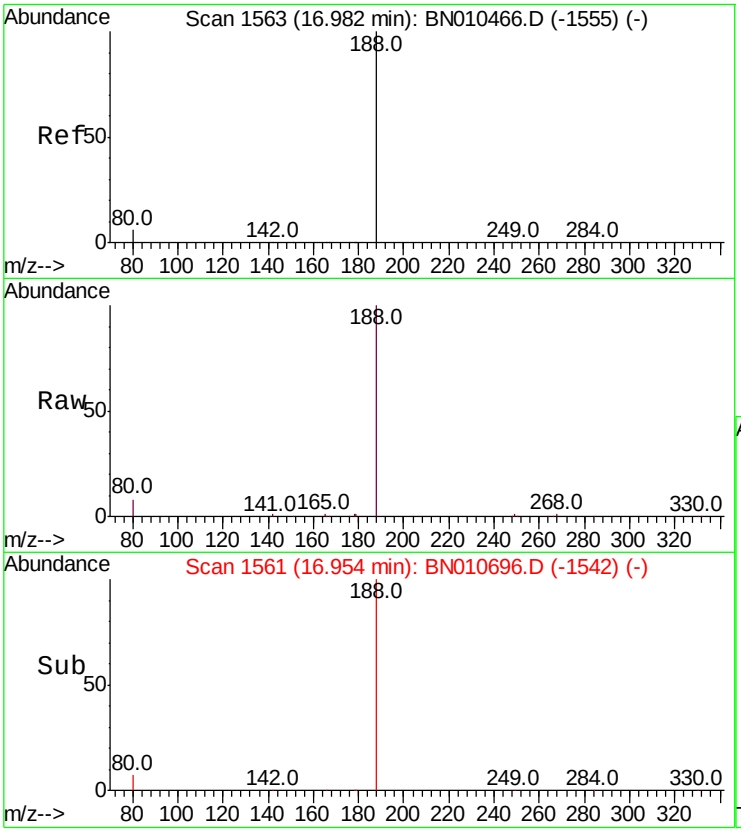


#18
Fluorene
Concen: 0.363 ng
RT: 15.26 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:166 Resp: 14255

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.4	117.6
167	13.5	10.9	16.3



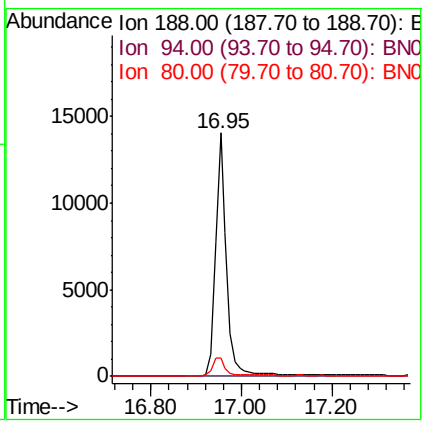


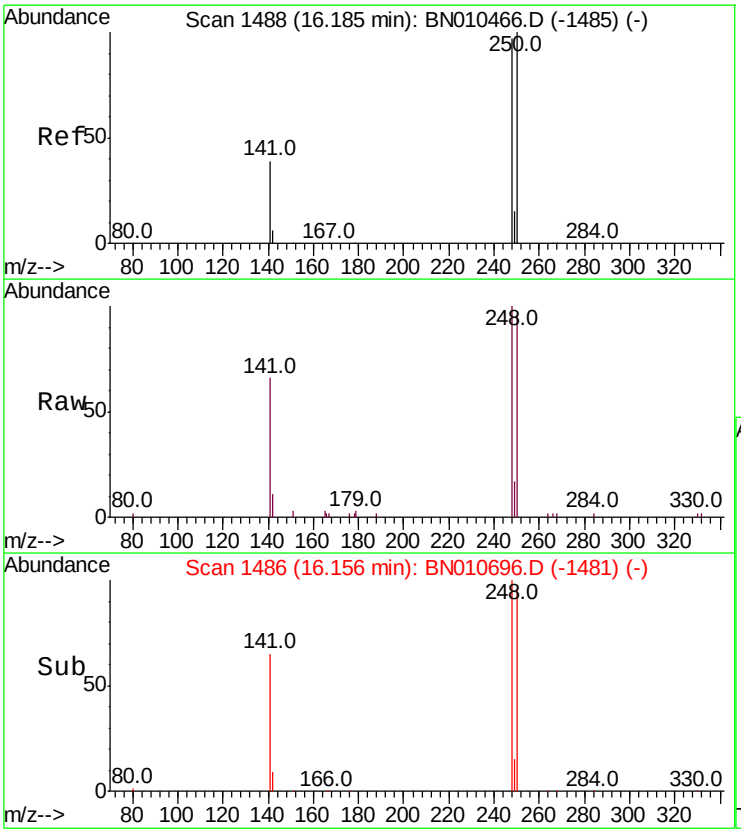
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:188 Resp: 23261

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	5.0	7.6

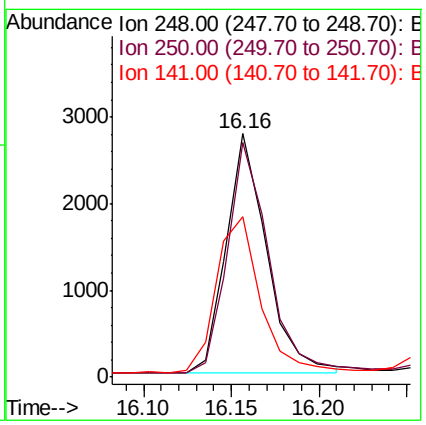


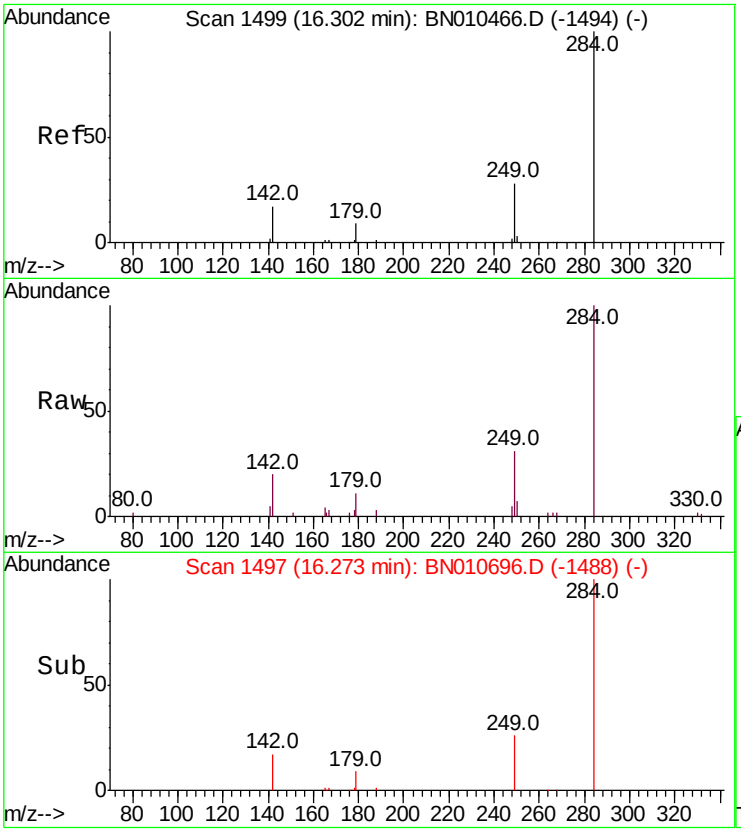


#20
4-Bromophenyl-phenylether
Concen: 0.340 ng
RT: 16.16 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:248 Resp: 4392

Ion	Ratio	Lower	Upper
248	100		
250	96.1	82.3	123.5
141	65.8	35.2	52.8#



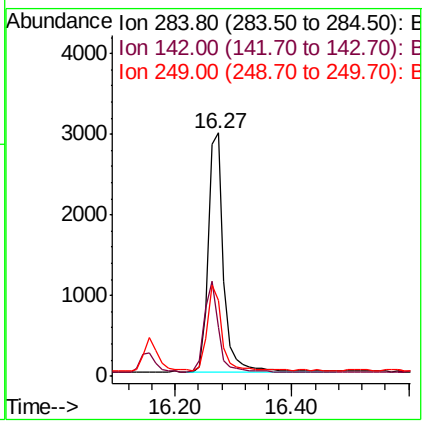


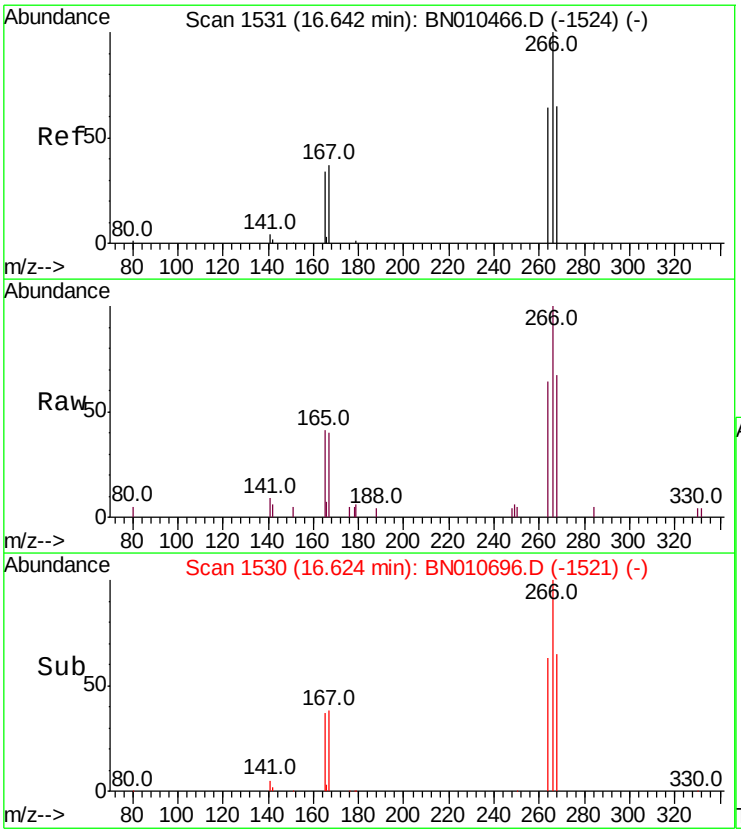
#21
Hexachlorobenzene
Concen: 0.370 ng
RT: 16.27 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:284 Resp: 5454

Ion	Ratio	Lower	Upper
284	100		
142	34.5	25.5	38.3
249	33.9	25.8	38.6

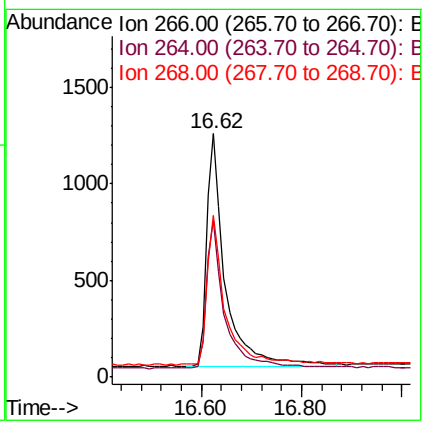


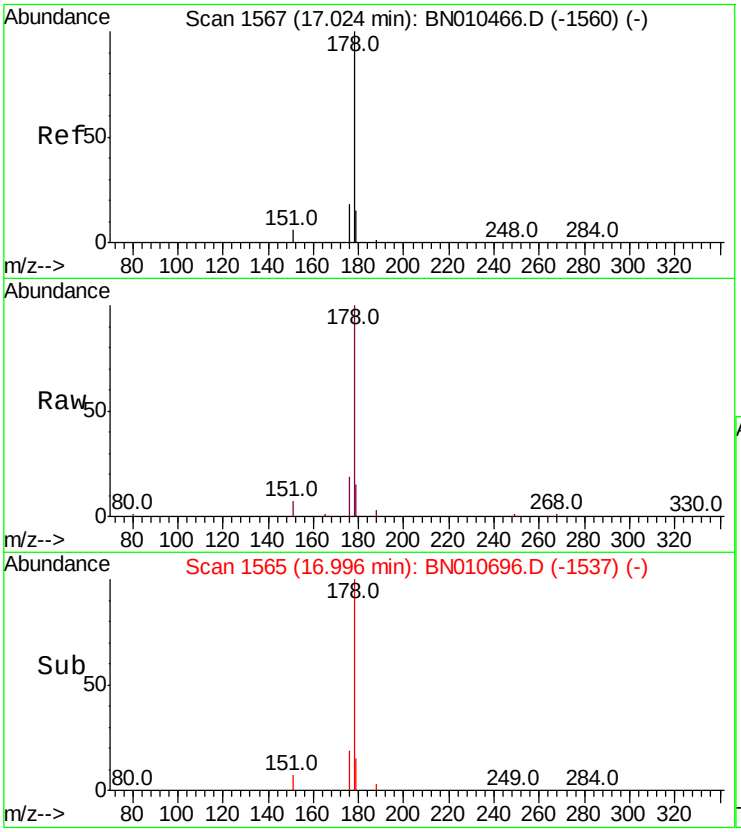


#22
Pentachlorophenol
Concen: 0.536 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:266 Resp: 3110

Ion	Ratio	Lower	Upper
266	100		
264	64.0	51.8	77.6
268	66.7	53.7	80.5



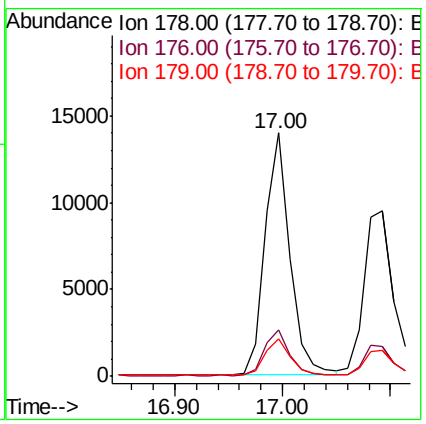


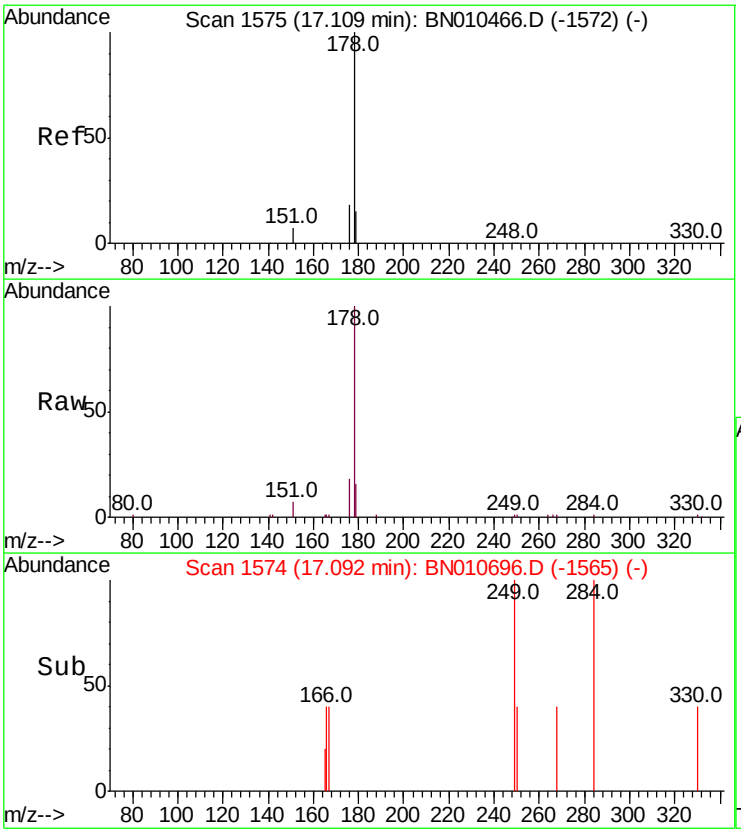
#23
Phenanthrene
Concen: 0.356 ng
RT: 17.00 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:178 Resp: 22351

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.6	18.8

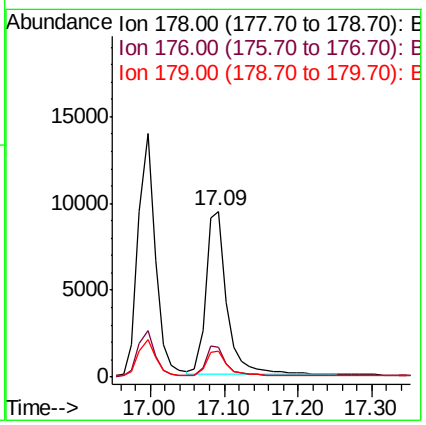


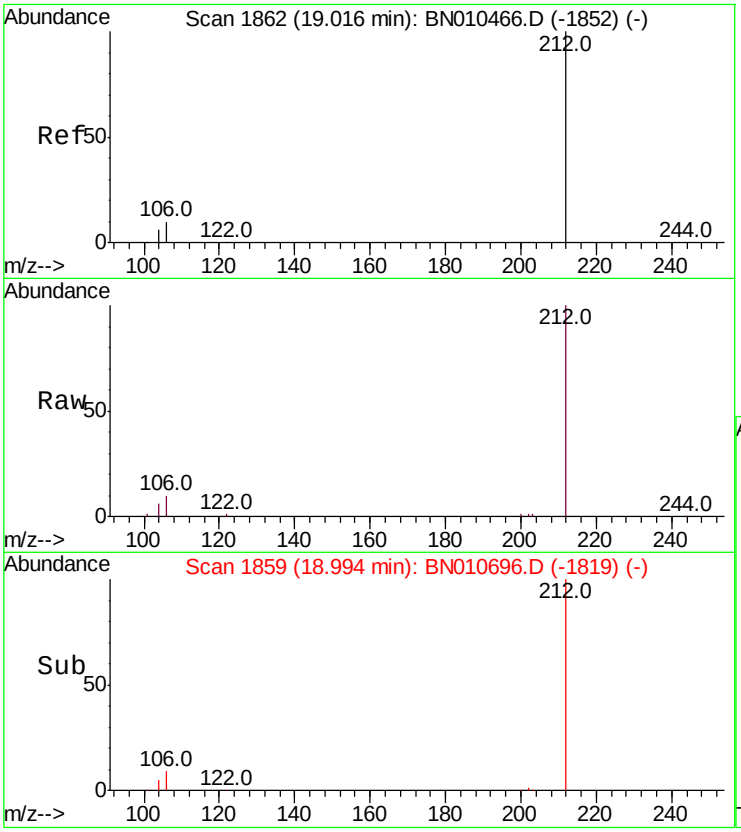


#24
Anthracene
Concen: 0.324 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:178 Resp: 18632

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.1	12.2	18.2



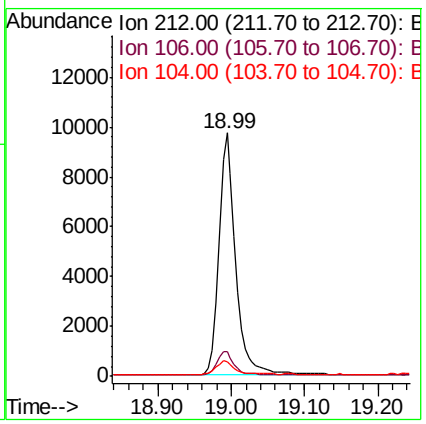


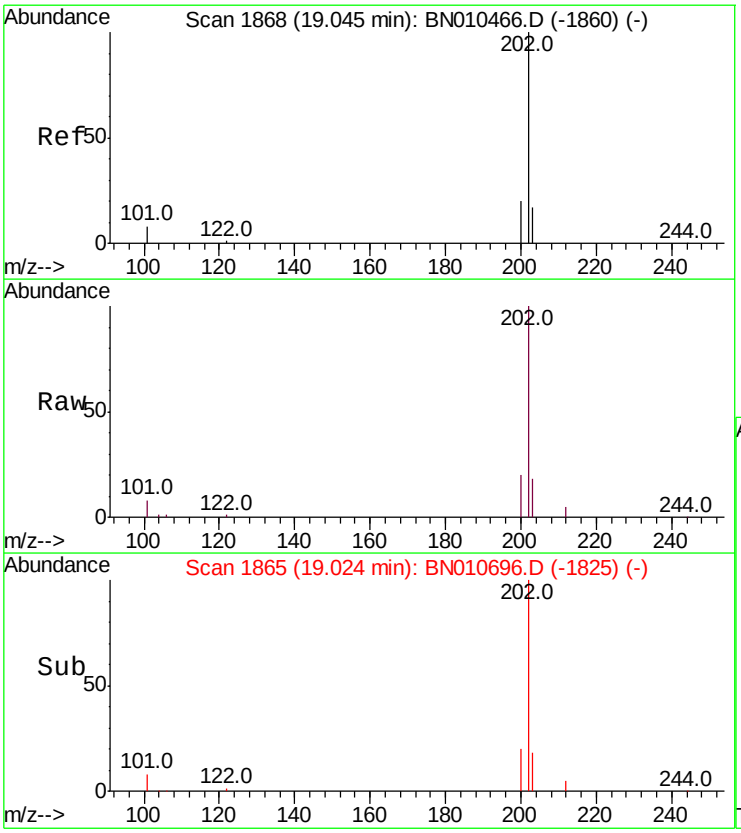
#25
Fluoranthene-d10
Concen: 0.220 ng
RT: 18.99 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:212 Resp: 15490

Ion	Ratio	Lower	Upper
212	100		
106	9.9	7.8	11.6
104	5.9	4.5	6.7

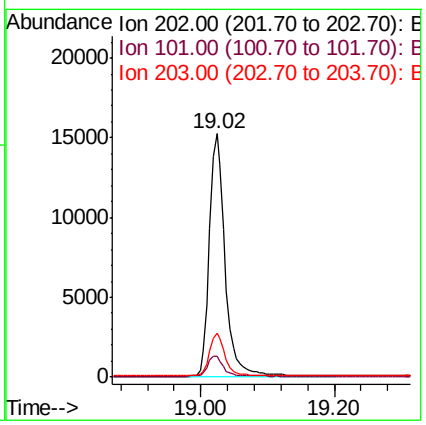


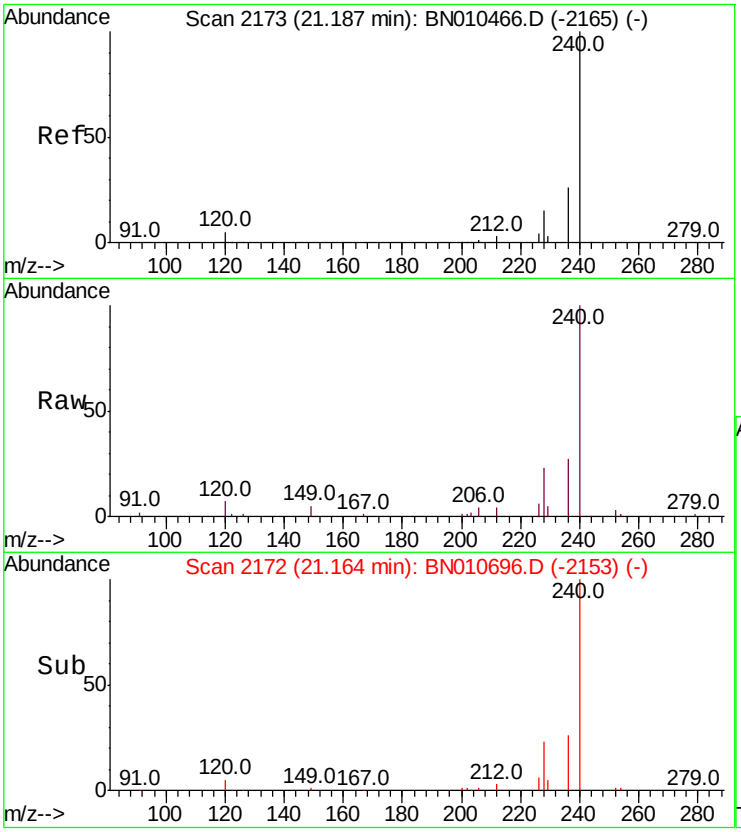


#26
Fluoranthene
Concen: 0.317 ng
RT: 19.02 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:202 Resp: 24752

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
203	17.2	13.9	20.9



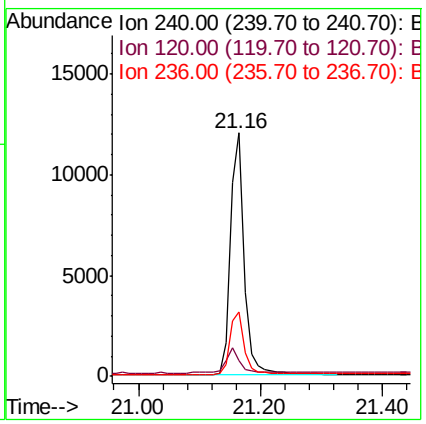


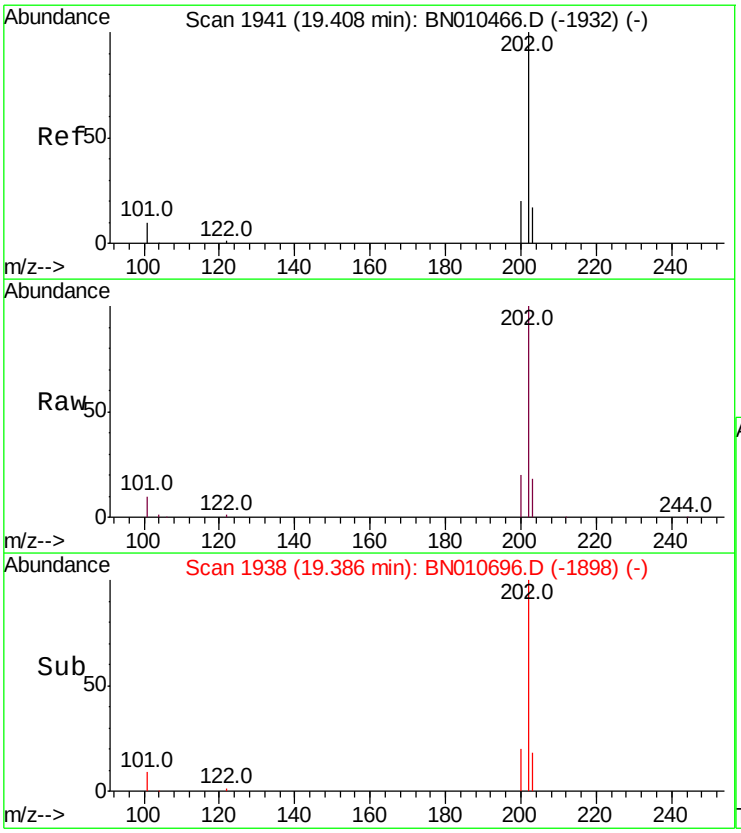
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:240 Resp: 19273

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.8	7.2
236	26.7	21.4	32.0

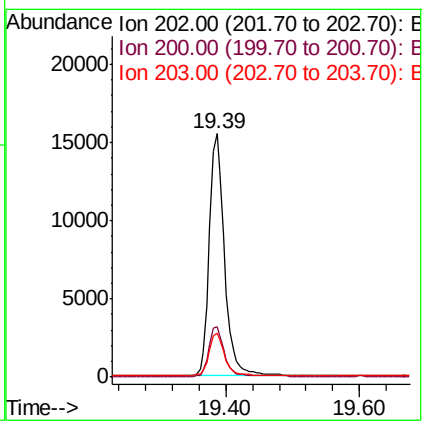


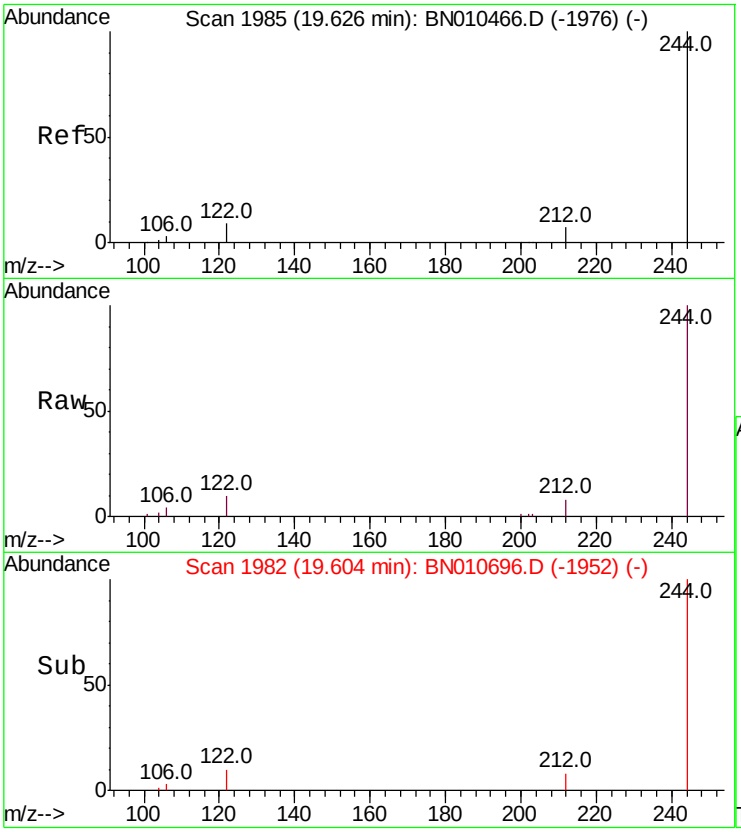


#28
Pyrene
Concen: 0.379 ng
RT: 19.39 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:202 Resp: 24566

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	18.0	14.0	21.0



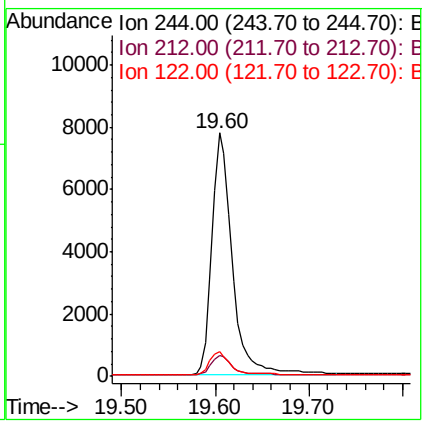


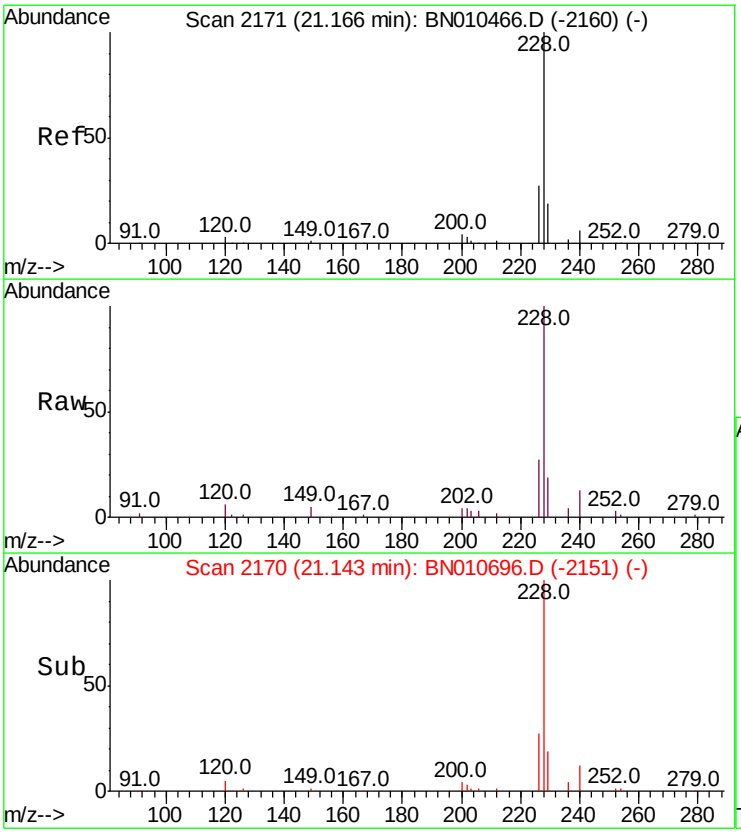
#29
Terphenyl-d14
Concen: 0.266 ng
RT: 19.60 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:244 Resp: 11751

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.4
122	10.2	7.8	11.8

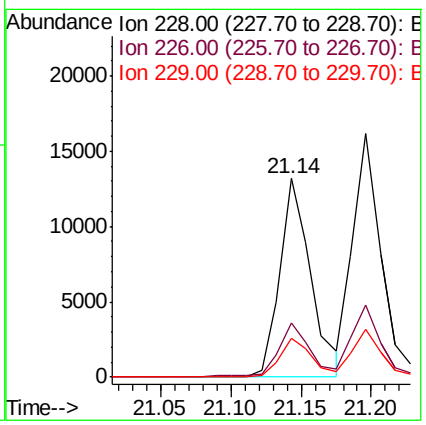


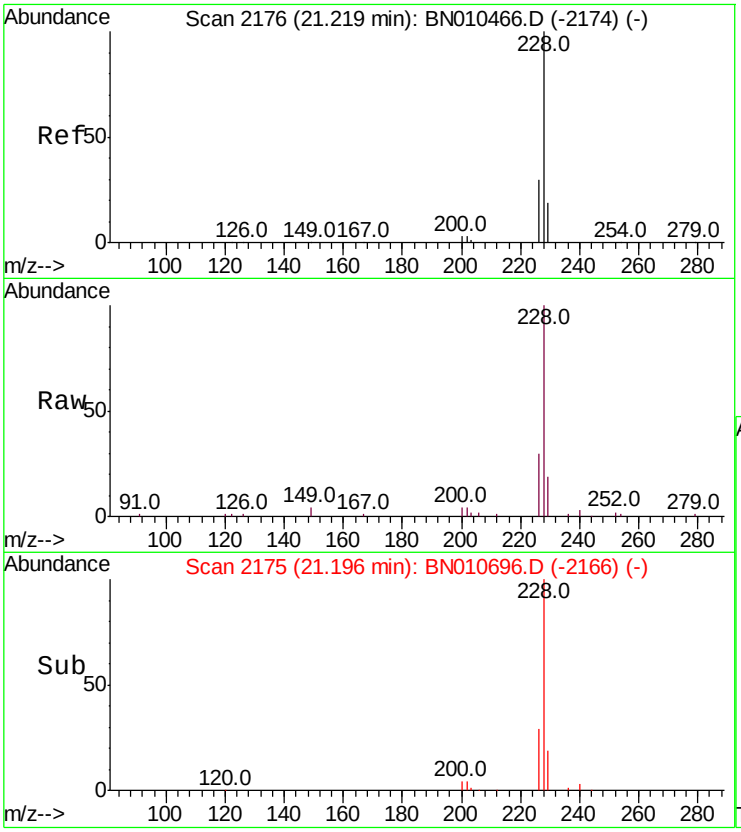


#30
Benzo(a)anthracene
Concen: 0.321 ng
RT: 21.14 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:228 Resp: 20155

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.4	15.6	23.4



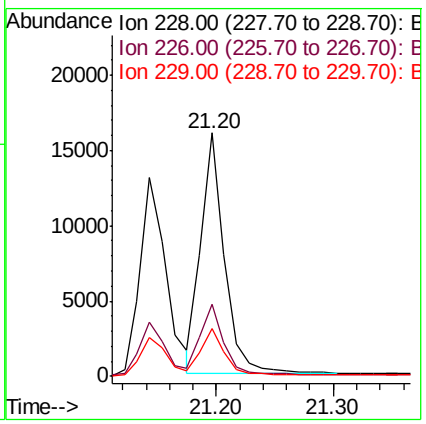


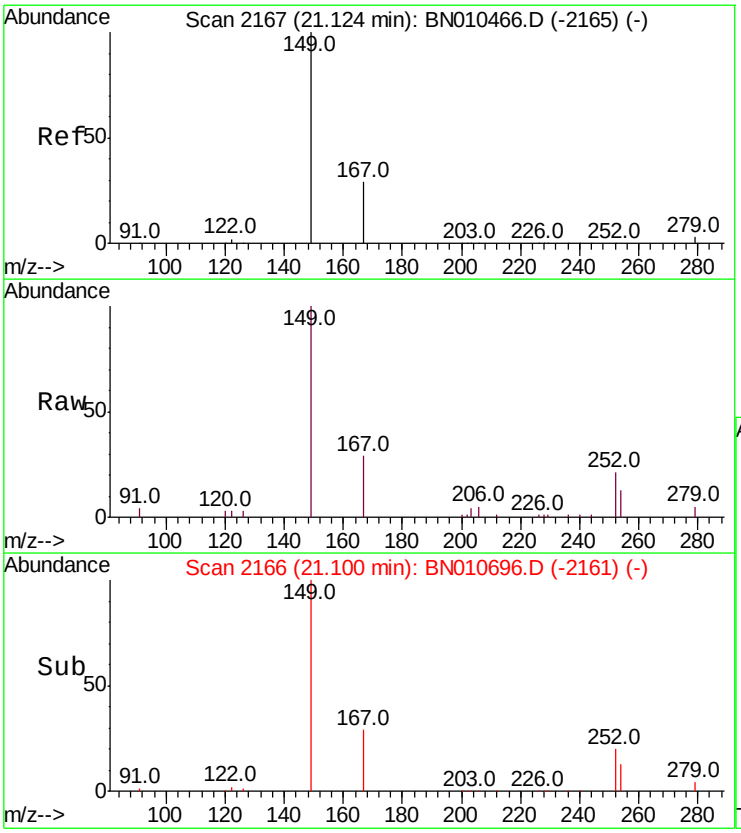
#31
Chrysene
Concen: 0.355 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:228 Resp: 22250

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	19.5	15.8	23.6

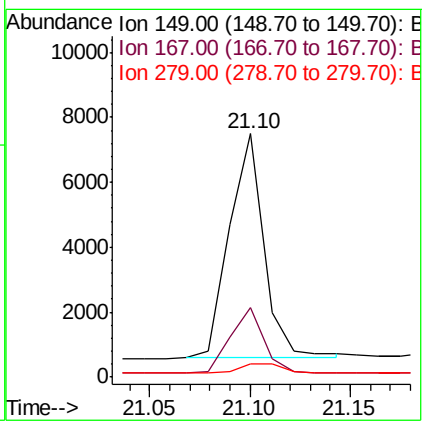


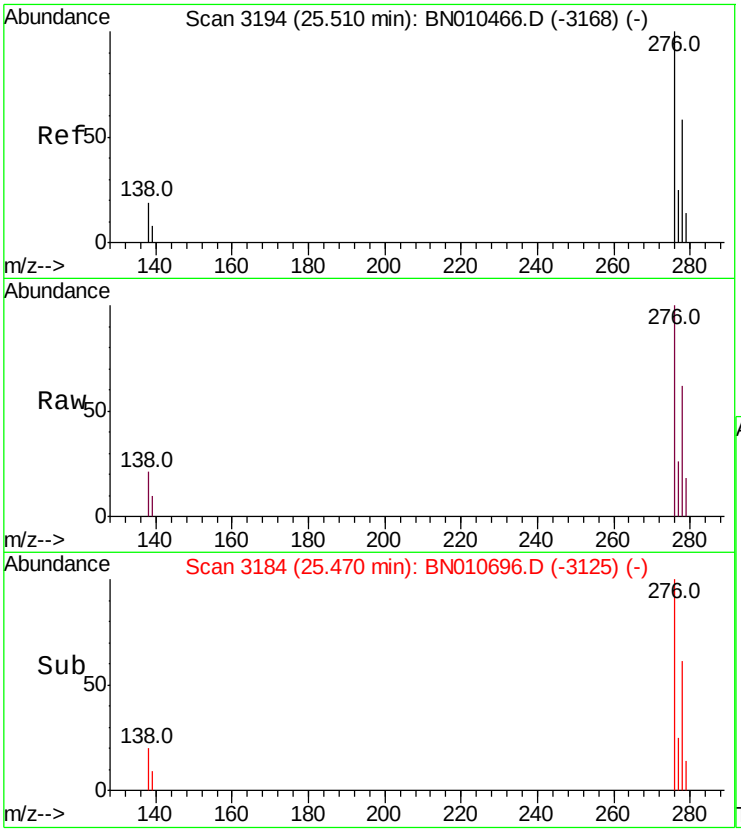


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.258 ng
RT: 21.10 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:149 Resp: 8326

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	4.7	4.0	6.0



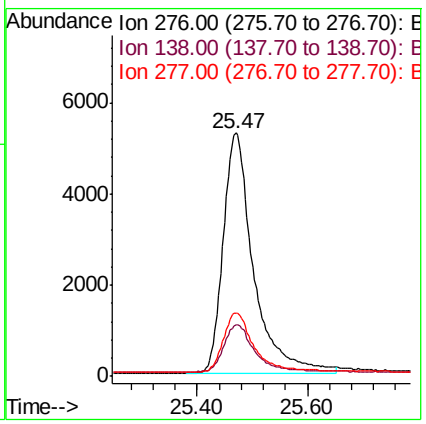


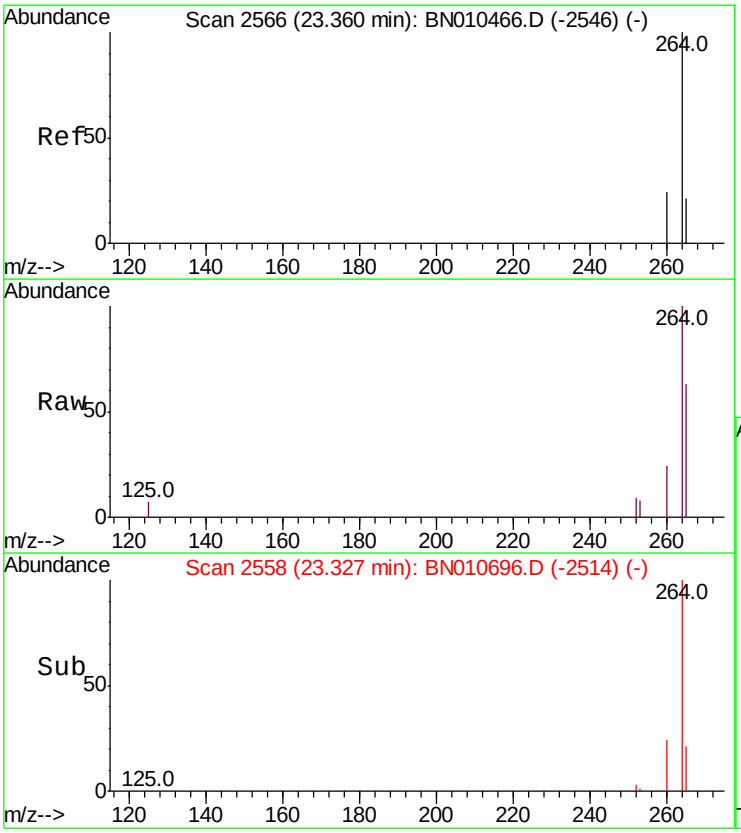
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 25.47 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:276 Resp: 20149

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.4	24.6
277	24.5	19.8	29.6

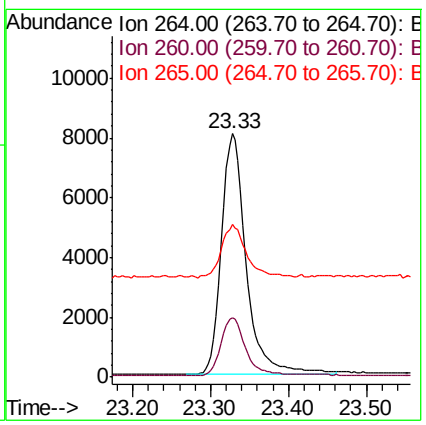


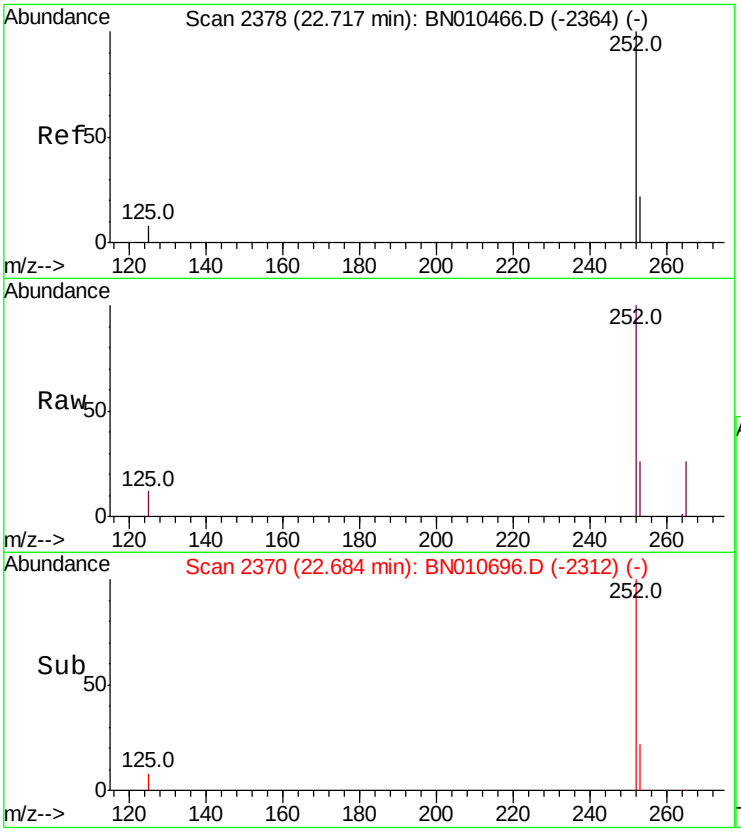


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:264 Resp: 17688

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	62.7	42.3	63.5



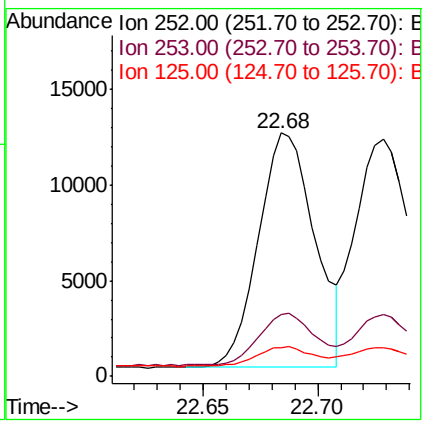


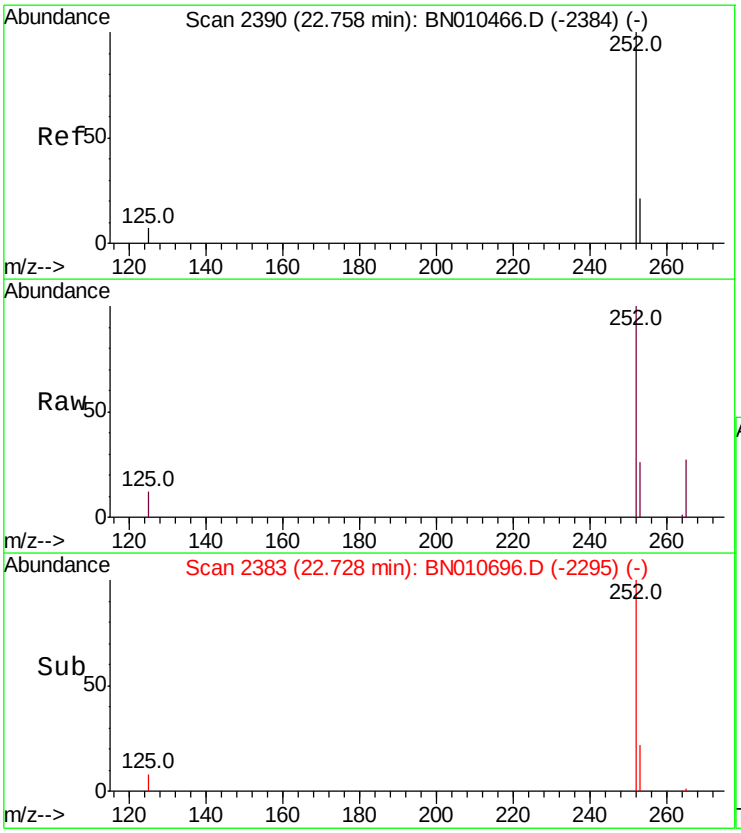
#35
Benzo(b)fluoranthene
Concen: 0.360 ng
RT: 22.68 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:252 Resp: 20956

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.2	30.4
125	11.8	9.2	13.8

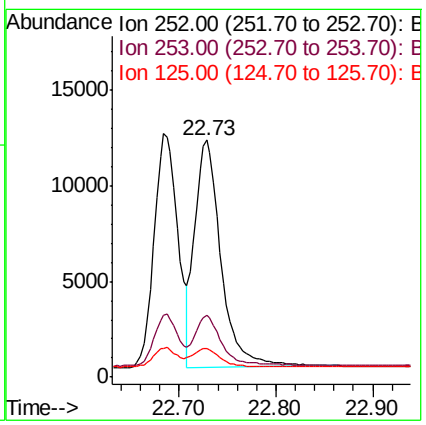


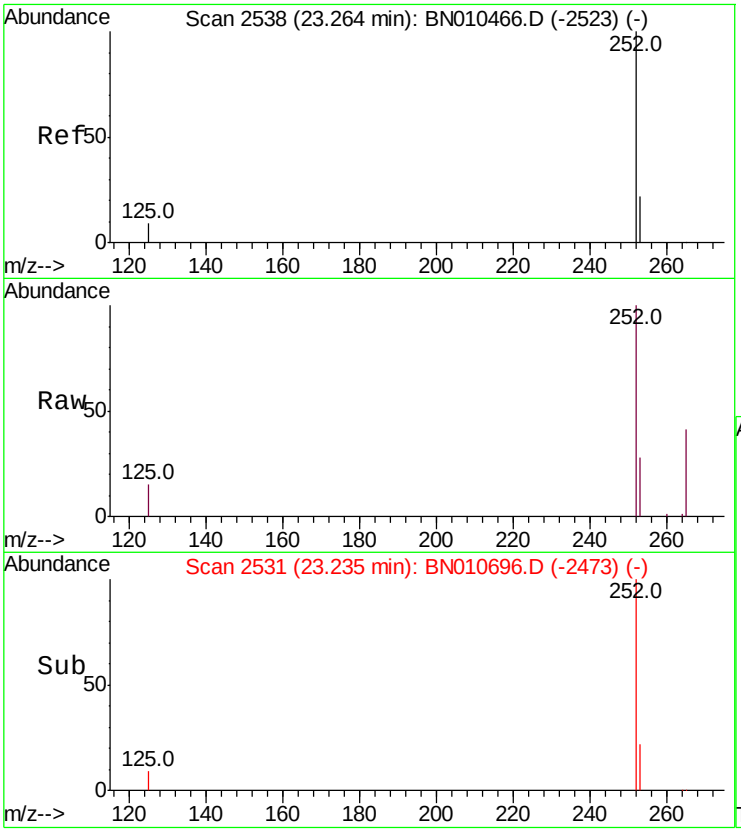


#36
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 22.73 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:252 Resp: 22331

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.1	30.1
125	11.9	9.6	14.4



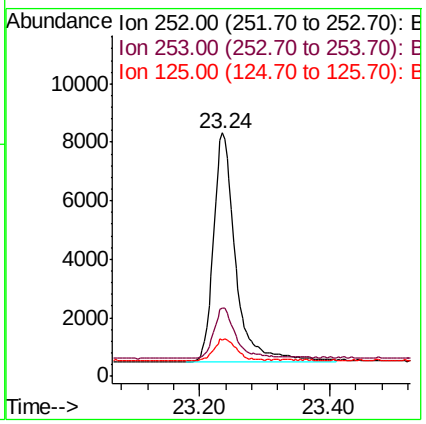


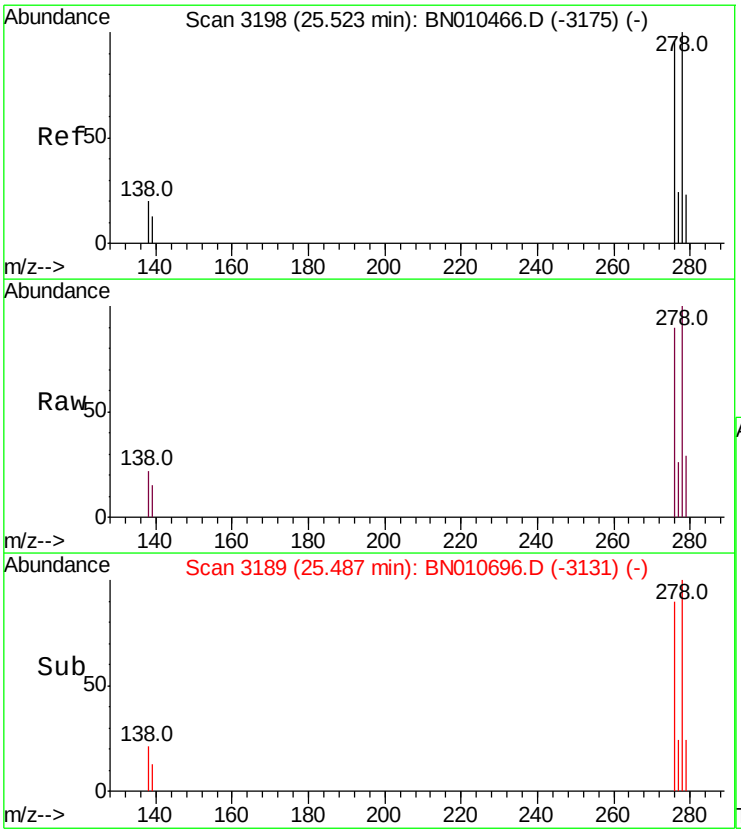
#37
Benzo(a)pyrene
Concen: 0.359 ng
RT: 23.24 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:252 Resp: 18508

Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.8	32.8
125	15.0	11.0	16.6

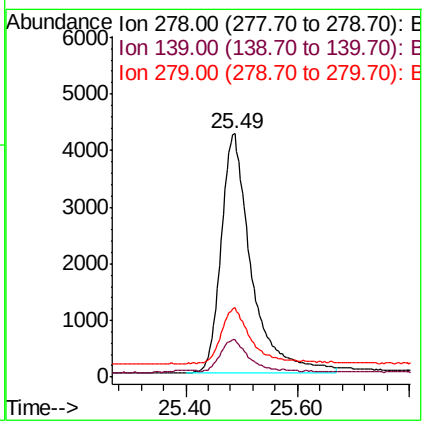


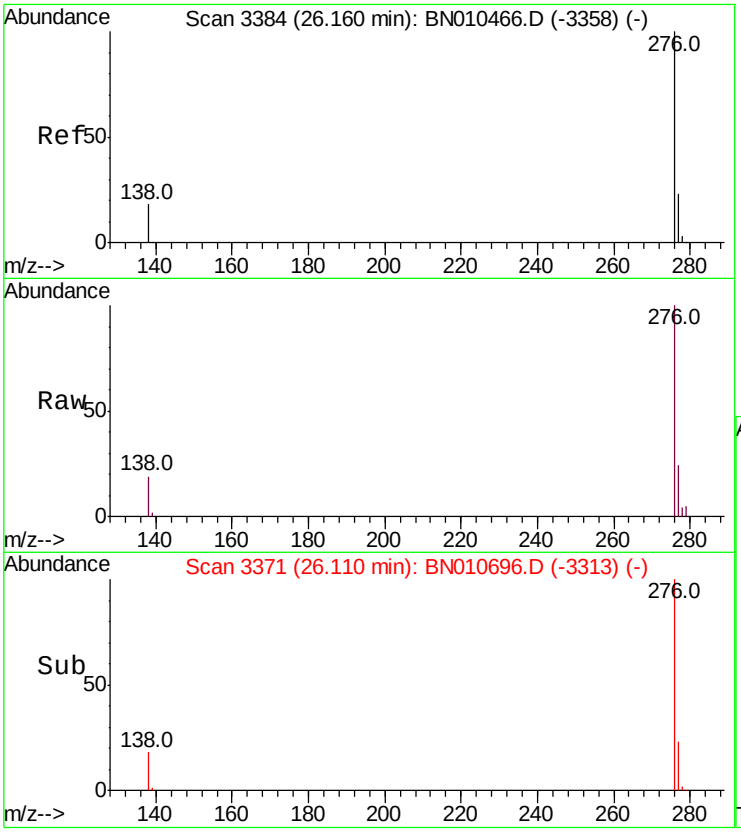


#38
Dibenzo(a,h)anthracene
Concen: 0.337 ng
RT: 25.49 min Scan# 3189
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:278 Resp: 15863

Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.3	18.5
279	28.7	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.394 ng
RT: 26.11 min Scan# 3371
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tgt Ion:276 Resp: 18706

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.2	30.2
138	19.4	15.4	23.2