Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
Data File : BN010623.D
Acq On : 28 Apr 2020 12:30
Operator : CG/JU
Sample : PB128508BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128508BS

Quant Time: Apr 28 13:00:16 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 Apr 28 11:13:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2915	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	12195	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	8035	0.40	ng		0.00
19) Phenanthrene-d10	16.96	188	18274	0.40	ng		0.00
27) Chrysene-d12	21.16	240	15104	0.40	ng		0.00
34) Perylene-d12	23.33	264	13643	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2438	0.38	ng		0.00
5) Phenol-d6	6.78	99	3039	0.36	ng		0.00
8) Nitrobenzene-d5	8.72	82	3037	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.92	152	8541	0.43	ng		-0.02
14) 2,4,6-Tribromophenol	15.72	330	1133	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	10288	0.35	ng		0.00
25) Fluoranthene-d10	19.00	212	17659	0.32	ng		0.00
29) Terphenyl-d14	19.61	244	13714	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	887	0.413	ng	#	90
3) n-Nitrosodimethylamine	3.55	42	633	0.455	ng	#	98
6) bis(2-Chloroethyl)ether	7.03	93	3472	0.480	ng		98
9) Naphthalene	10.39	128	14236	0.470	ng		99
10) Hexachlorobutadiene	10.70	225	3086	0.423	ng	#	98
12) 2-Methylnaphthalene	12.01	142	10568	0.486	ng		99
16) Acenaphthylene	13.92	152	15539	0.448	ng		100
17) Acenaphthene	14.27	154	10311	0.462	ng		99
18) Fluorene	15.27	166	13865	0.475	ng		100
20) 4-Bromophenyl-phenylether	16.17	248	4337	0.427	ng		98
21) Hexachlorobenzene	16.27	284	5328	0.460	ng		99
22) Pentachlorophenol	16.62	266	4608	1.011	ng		99
23) Phenanthrene	17.00	178	22852	0.463	ng		100
24) Anthracene	17.09	178	20367	0.451	ng		100
26) Fluoranthene	19.03	202	26440	0.430	ng		100
28) Pyrene	19.39	202	26585	0.523	ng		99
30) Benzo(a)anthracene	21.15	228	21139	0.429	ng		98
31) Chrysene	21.21	228	22249	0.453	ng		97
32) Bis(2-ethylhexyl)phthalate	21.10	149	12191	0.482	ng		99
33) Indeno(1,2,3-cd)pyrene	25.47	276	22135	0.510	ng		100
35) Benzo(b)fluoranthene	22.69	252	19929	0.444	ng		95
36) Benzo(k)fluoranthene	22.74	252	21127	0.469	ng		95
37) Benzo(a)pyrene	23.24	252	18708	0.470	ng		95
38) Dibenzo(a,h)anthracene	25.49	278	18071	0.497	ng	#	86
39) Benzo(g,h,i)perylene	26.12	276	19149	0.523	ng		99

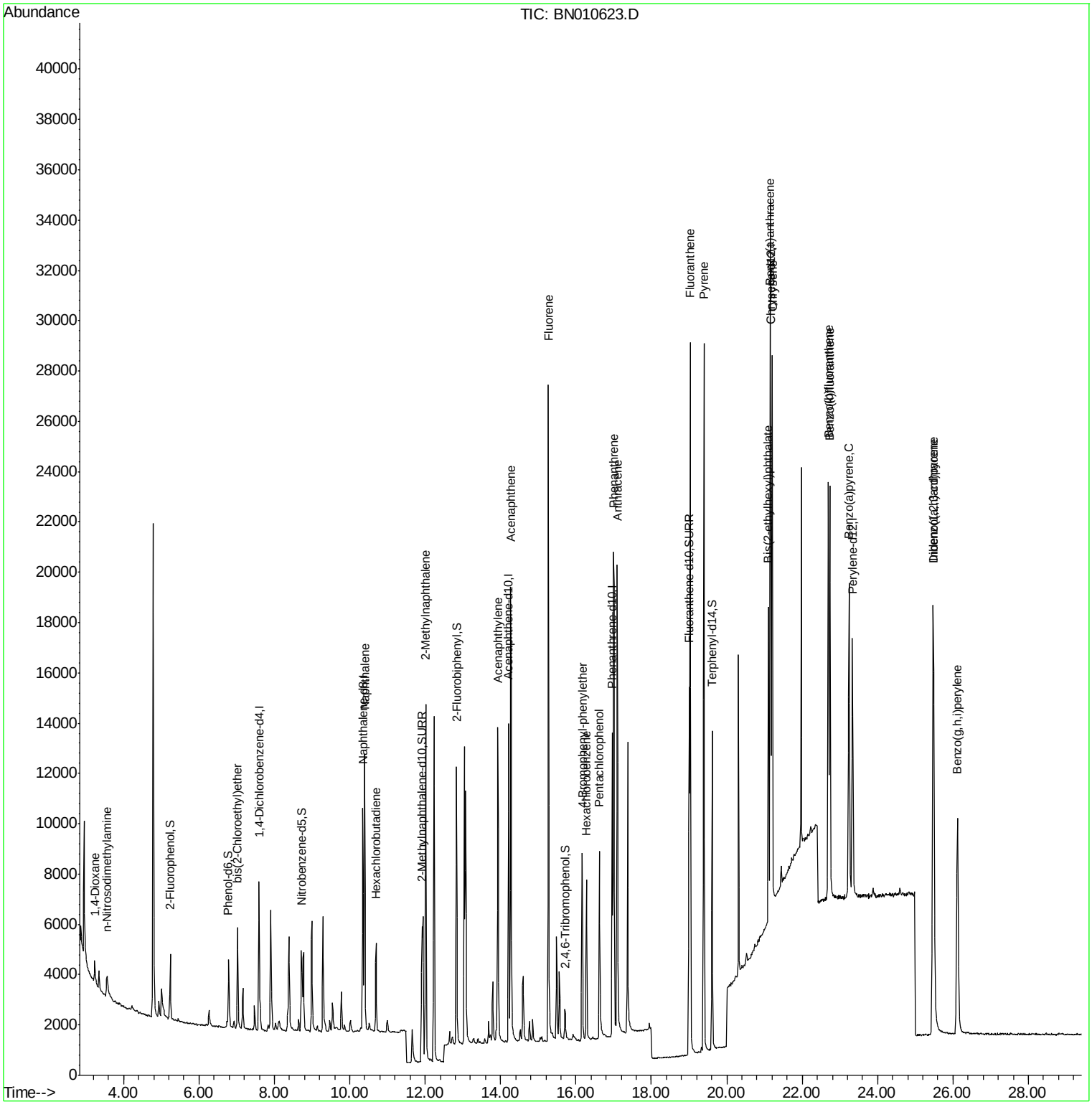
(#) = qualifier out of range (m) = manual integration (+) = signals summed

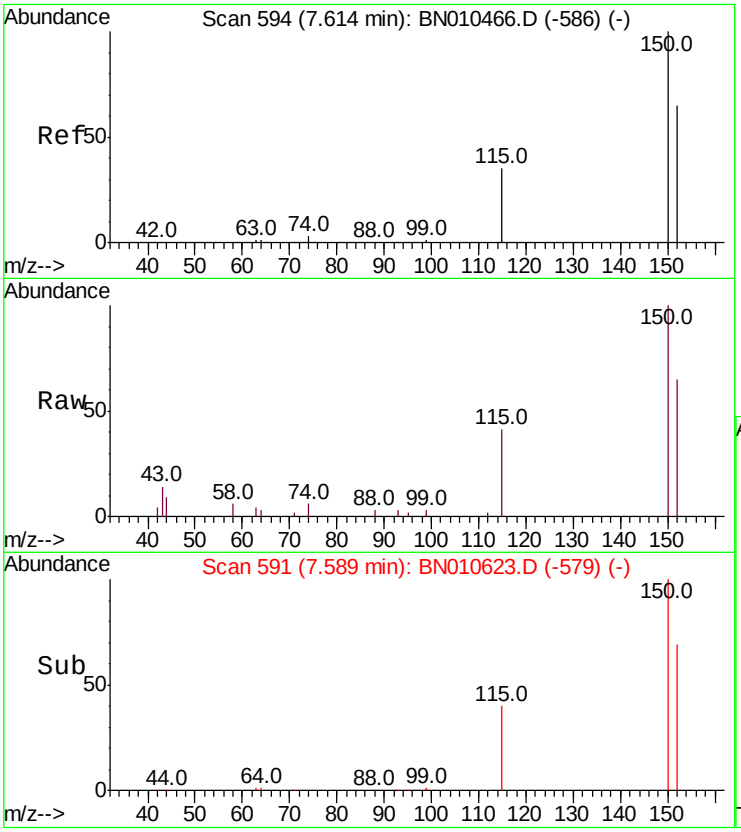
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
Data File : BN010623.D
Acq On : 28 Apr 2020 12:30
Operator : CG/JU
Sample : PB128508BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Quant Time: Apr 28 13:00:16 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 Apr 28 11:13:37 2020
Response via : Initial Calibration



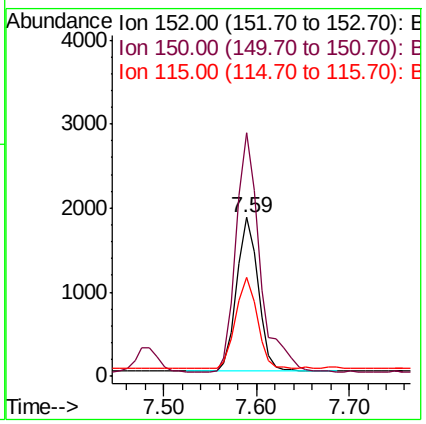


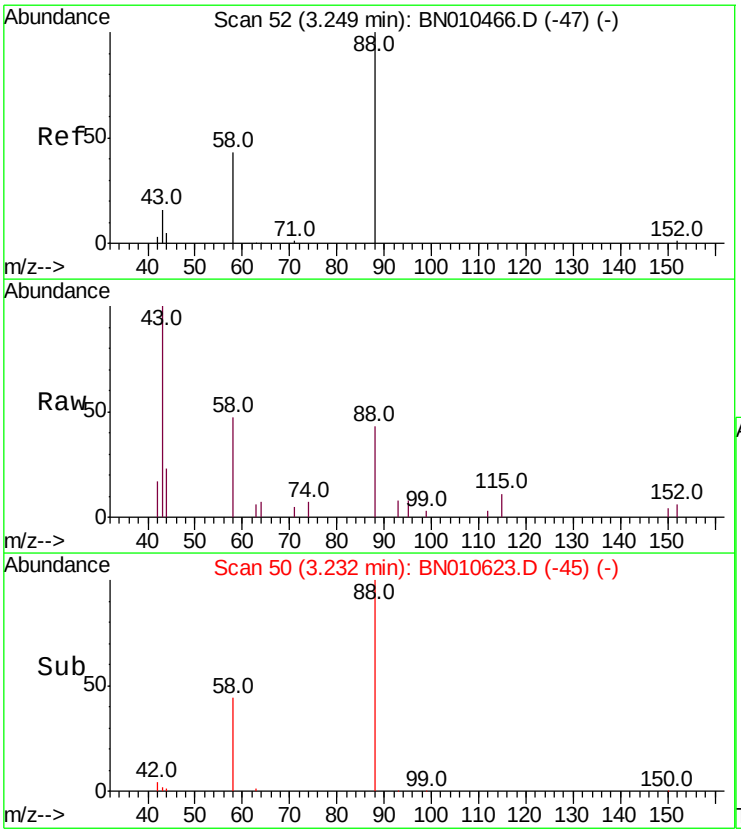
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:152 Resp: 2915

Ion	Ratio	Lower	Upper
152	100		
150	153.1	121.8	182.6
115	62.1	45.5	68.3

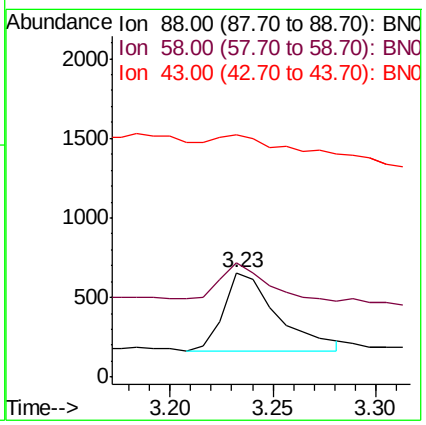


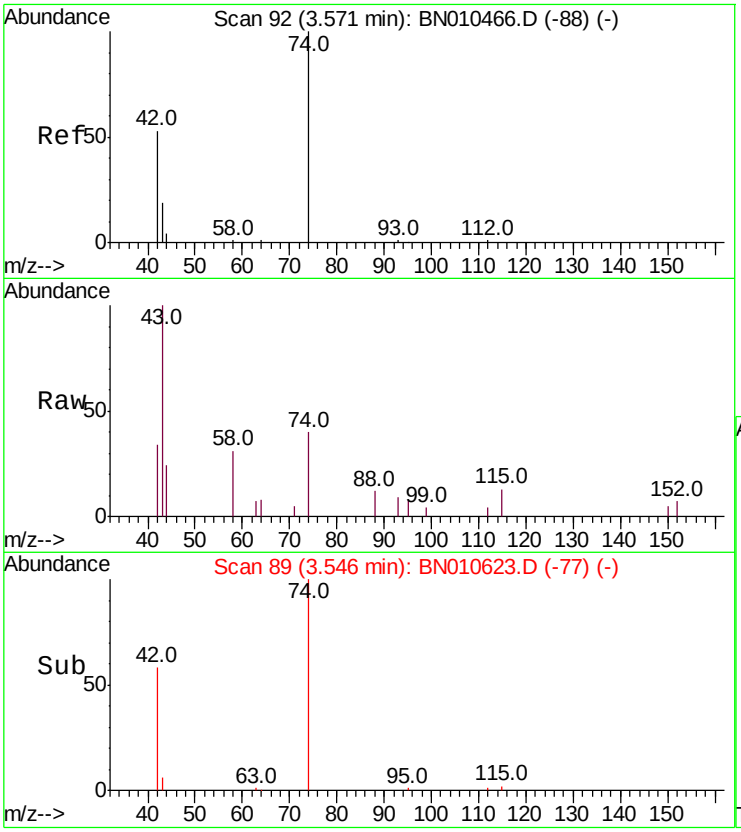


#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion: 88 Resp: 887

Ion	Ratio	Lower	Upper
88	100		
58	42.1	36.5	54.7
43	25.9	13.2	19.8#



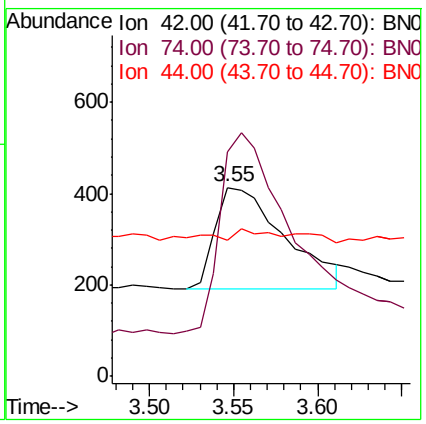


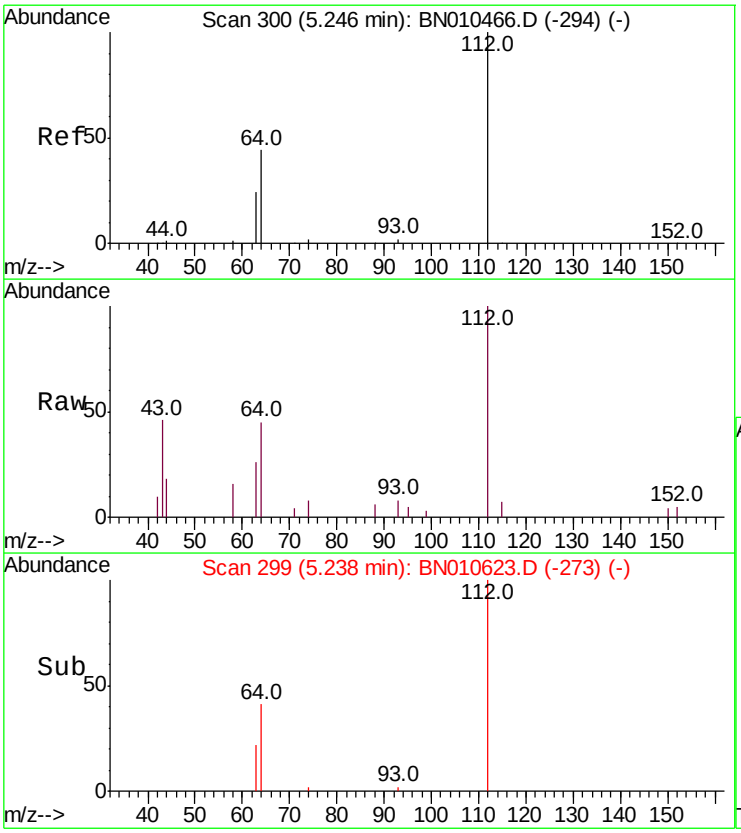
#3
n-Nitrosodimethylamine
Concen: 0.455 ng
RT: 3.55 min Scan# 89
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion: 42 Resp: 633

Ion	Ratio	Lower	Upper
42	100		
74	199.4	162.2	243.4
44	8.5	2.4	3.6#

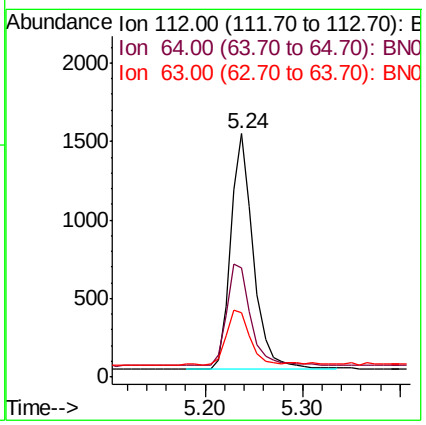


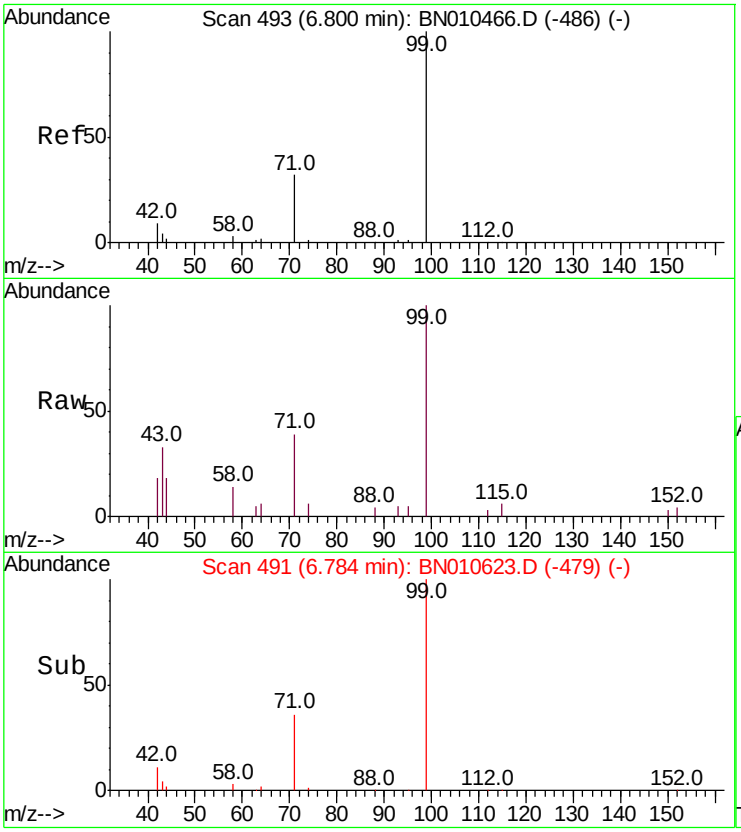


#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.24 min Scan# 299
Delta R.T. 0.01 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:112 Resp: 2438

Ion	Ratio	Lower	Upper
112	100		
64	45.7	35.8	53.8
63	25.5	19.9	29.9



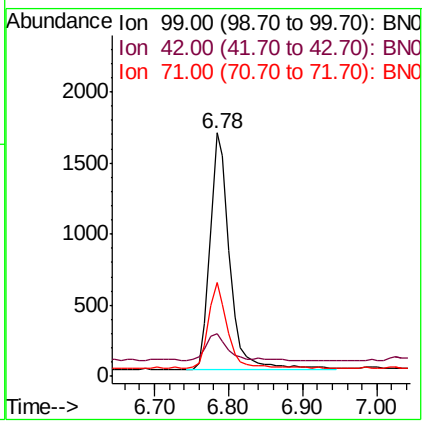


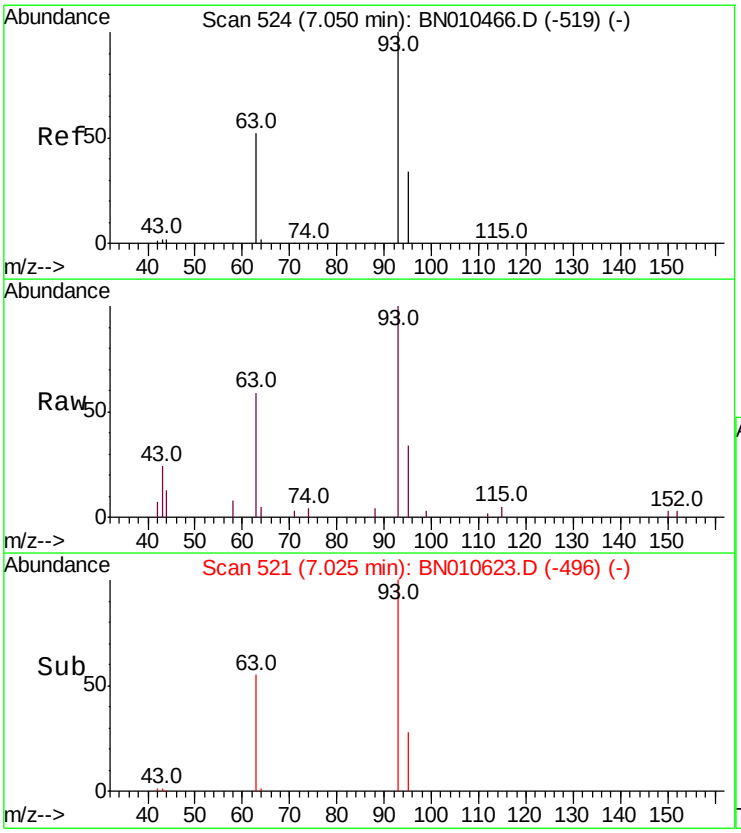
#5
Phenol-d6
Concen: 0.364 ng
RT: 6.78 min Scan# 491
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion: 99 Resp: 3039

Ion	Ratio	Lower	Upper
99	100		
42	11.8	9.8	14.6
71	34.9	27.8	41.8

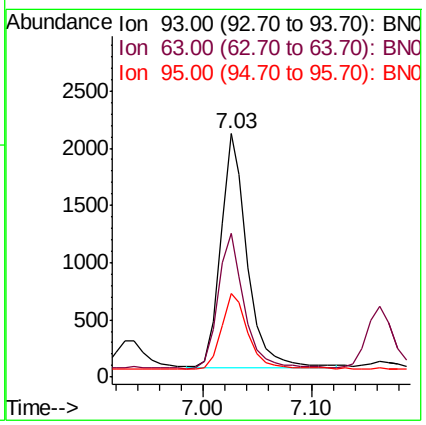


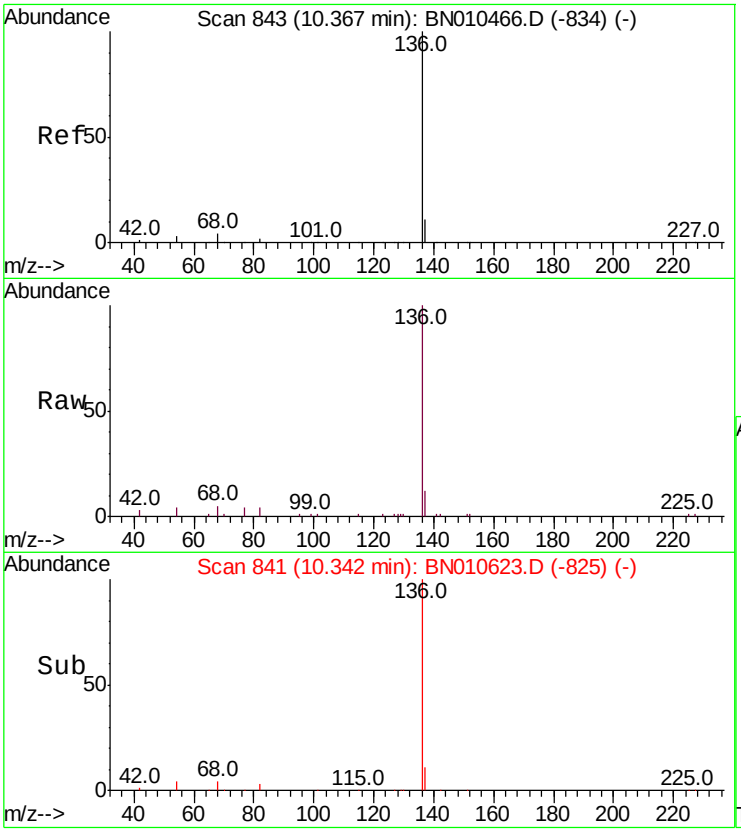


#6
bis(2-Chloroethyl)ether
Concen: 0.480 ng
RT: 7.03 min Scan# 521
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion: 93 Resp: 3472

Ion	Ratio	Lower	Upper
93	100		
63	58.1	44.6	66.8
95	33.5	26.5	39.7



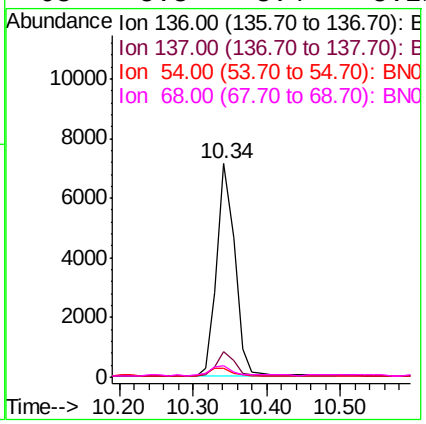


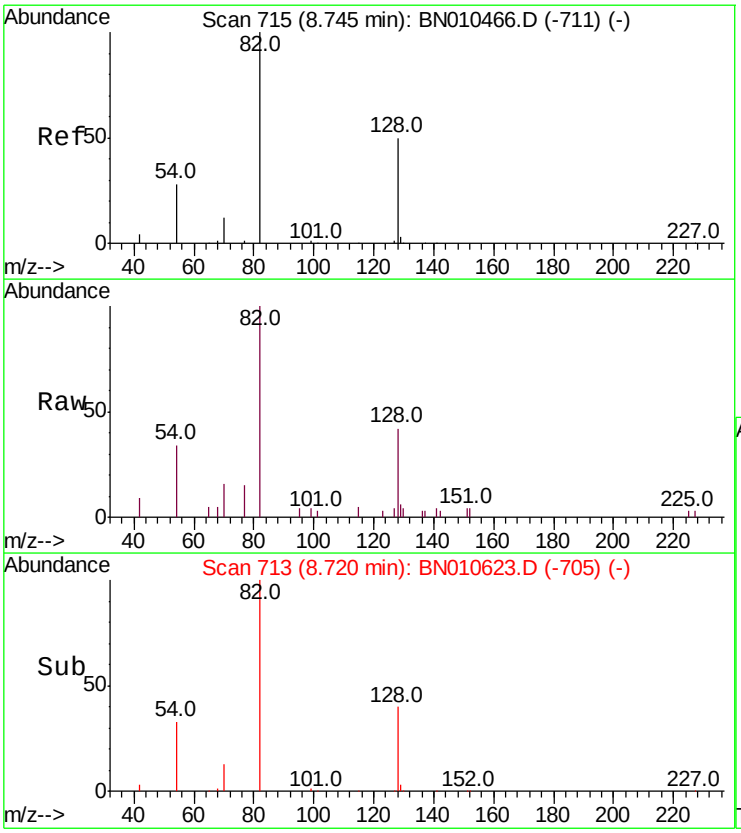
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:136 Resp: 12195

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	4.4	2.6	4.0#
68	5.3	3.4	5.2#

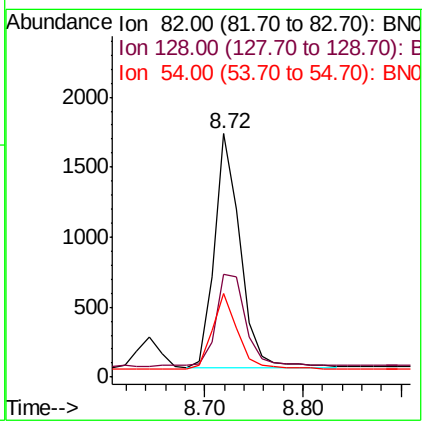


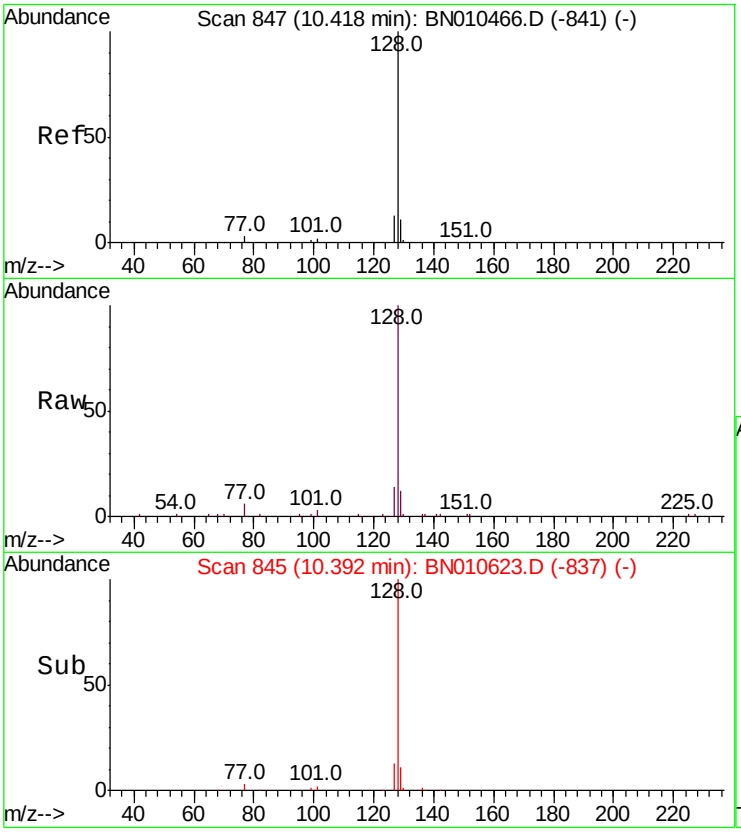


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion: 82 Resp: 3037

Ion	Ratio	Lower	Upper
82	100		
128	42.5	41.3	61.9
54	34.1	23.4	35.0



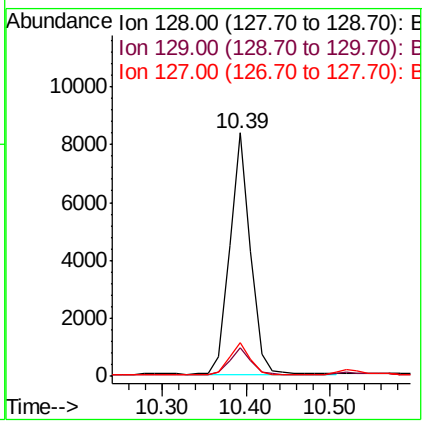


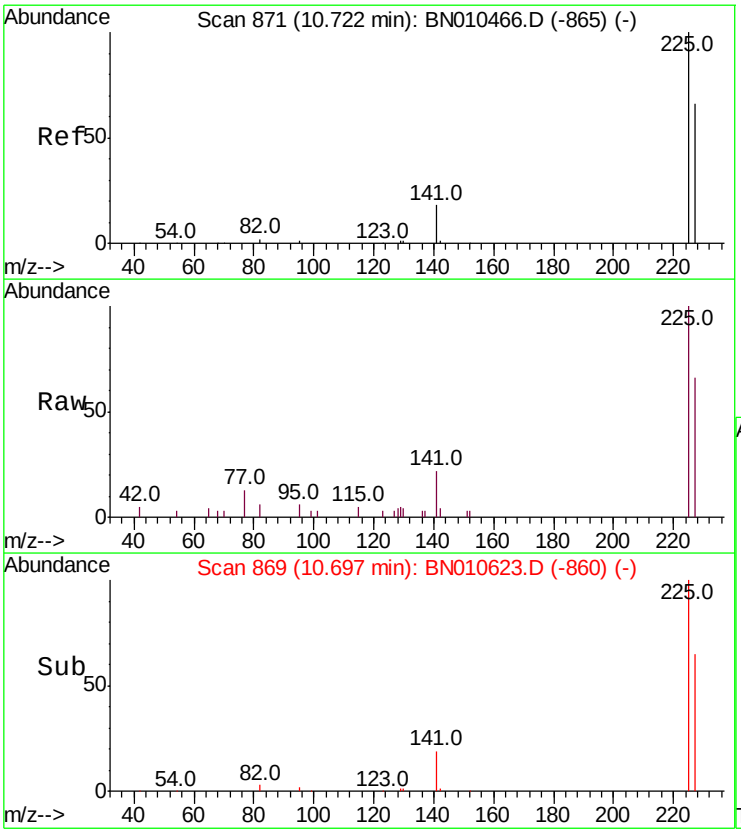
#9
Naphthalene
Concen: 0.470 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:128 Resp: 14236

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	13.7	10.5	15.7

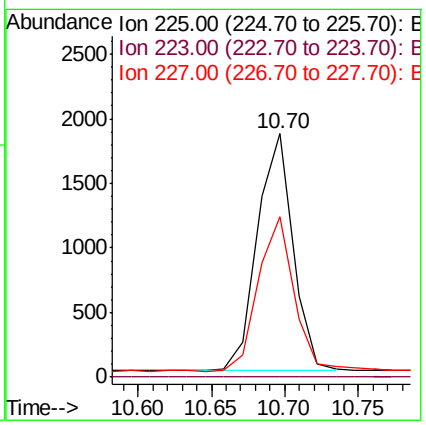


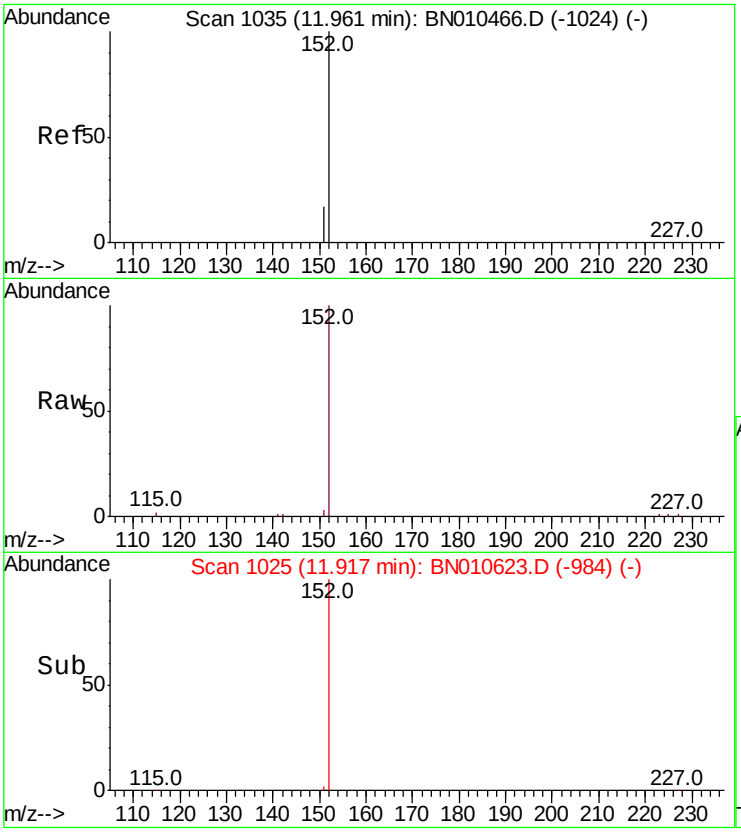


#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 10.70 min Scan# 869
Delta R.T. 0.01 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:225 Resp: 3086

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.2	50.6	76.0



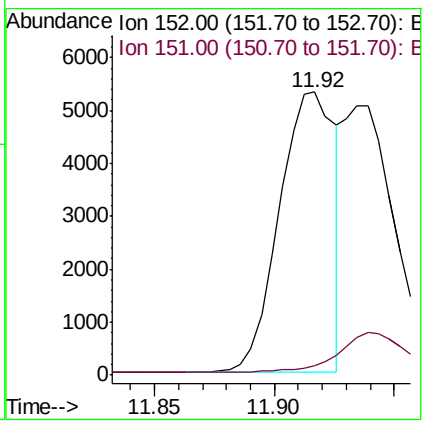


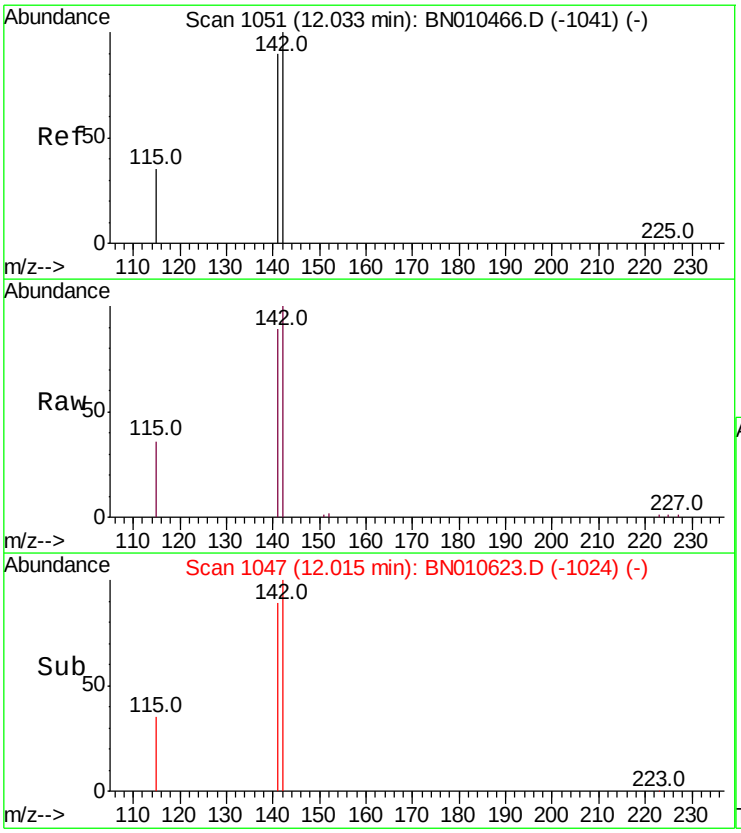
#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 11.92 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:152 Resp: 8541

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.3	22.9#

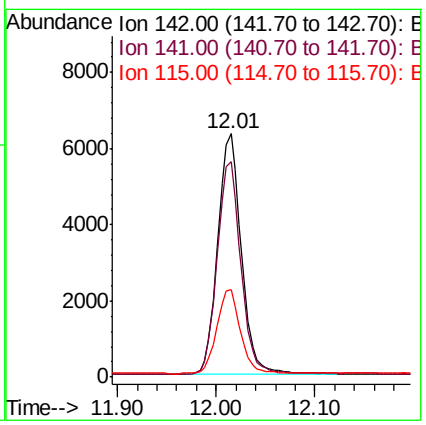


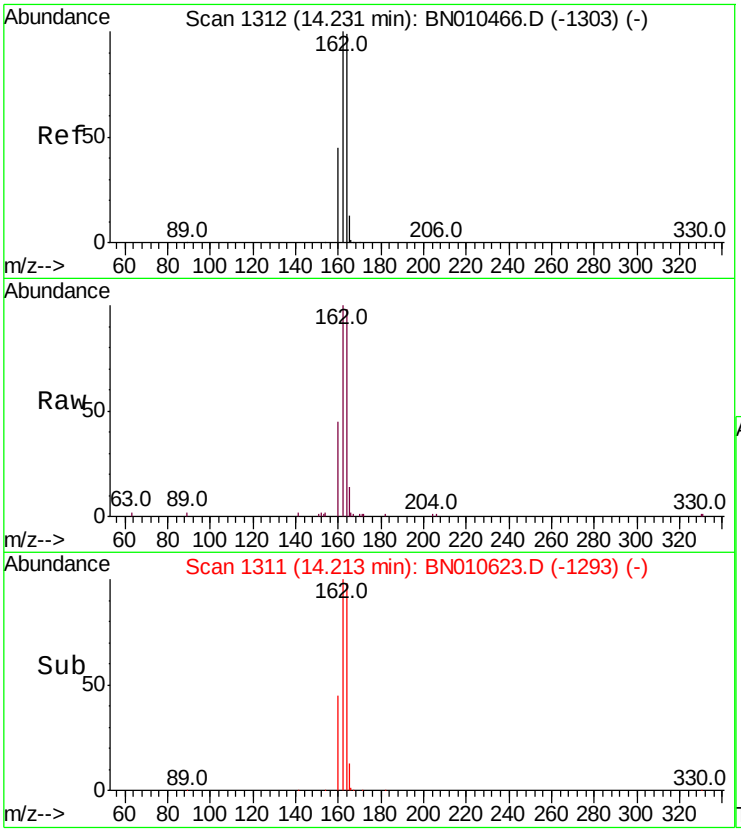


#12
2-Methylnaphthalene
Concen: 0.486 ng
RT: 12.01 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:142 Resp: 10568

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.9	107.9
115	35.9	28.8	43.2



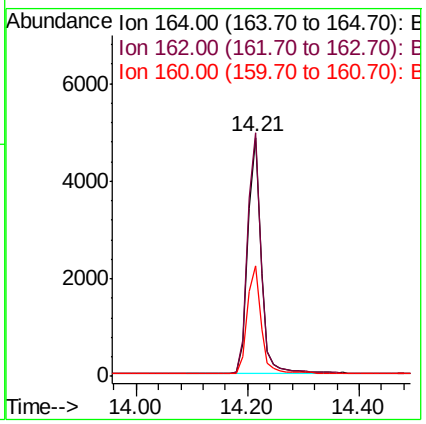


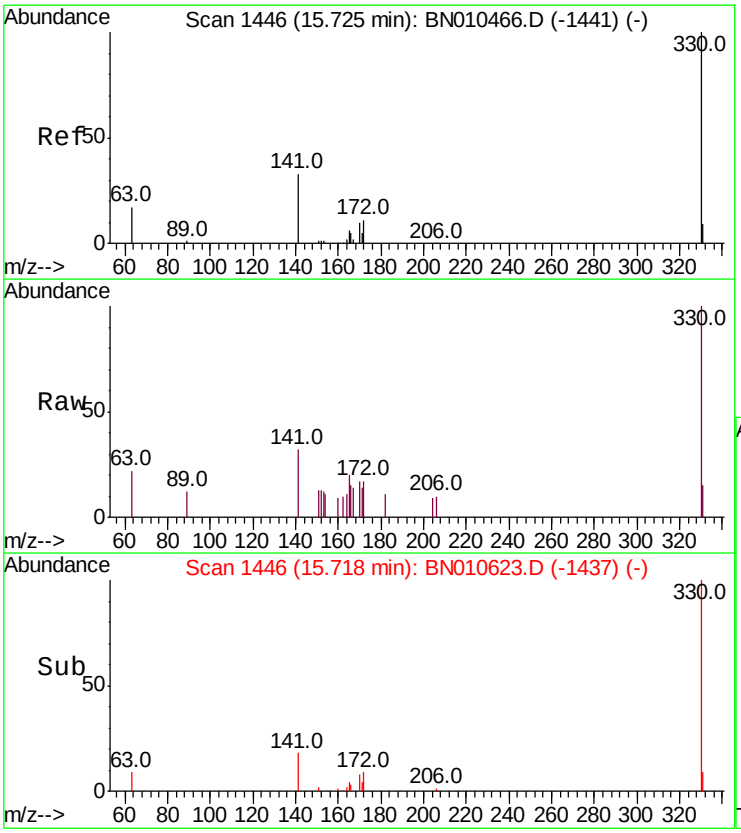
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:164 Resp: 8035

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	121.0
160	46.1	36.5	54.7

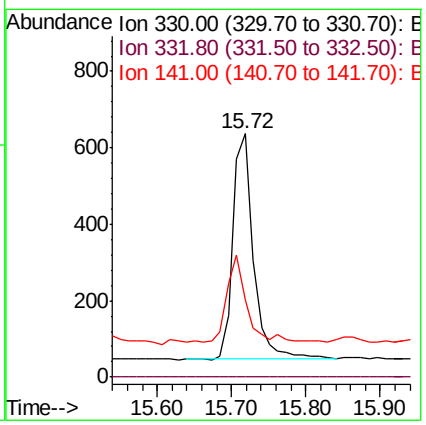


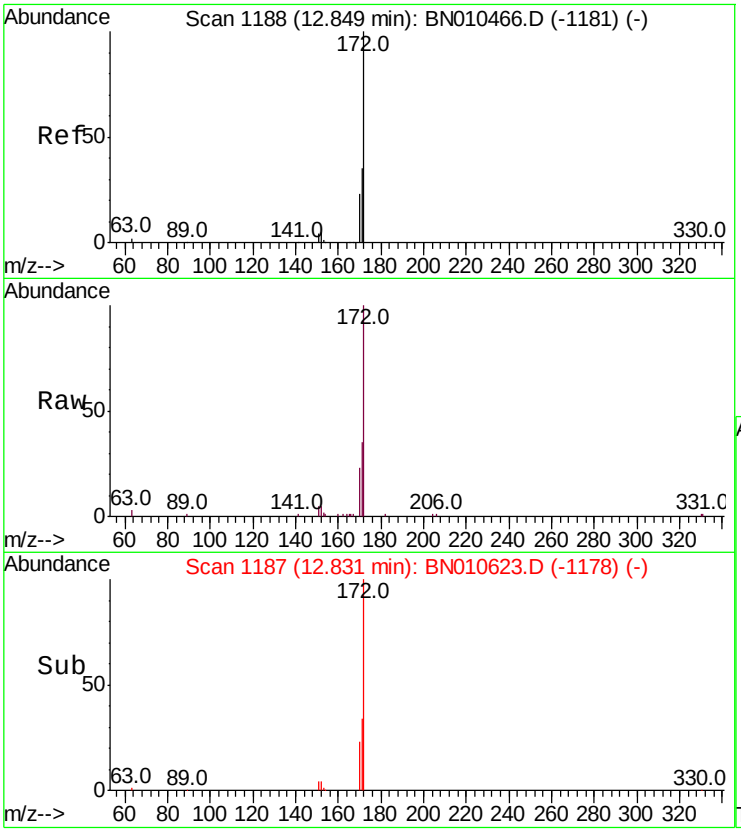


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.72 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:330 Resp: 1133

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.7	28.1	42.1



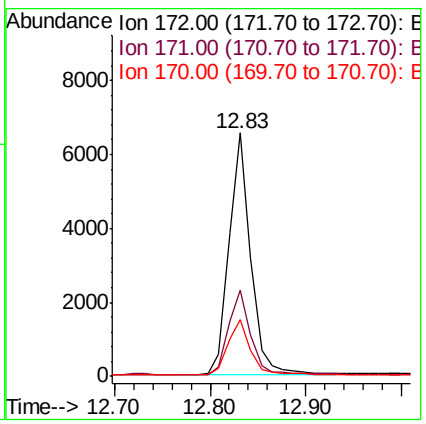


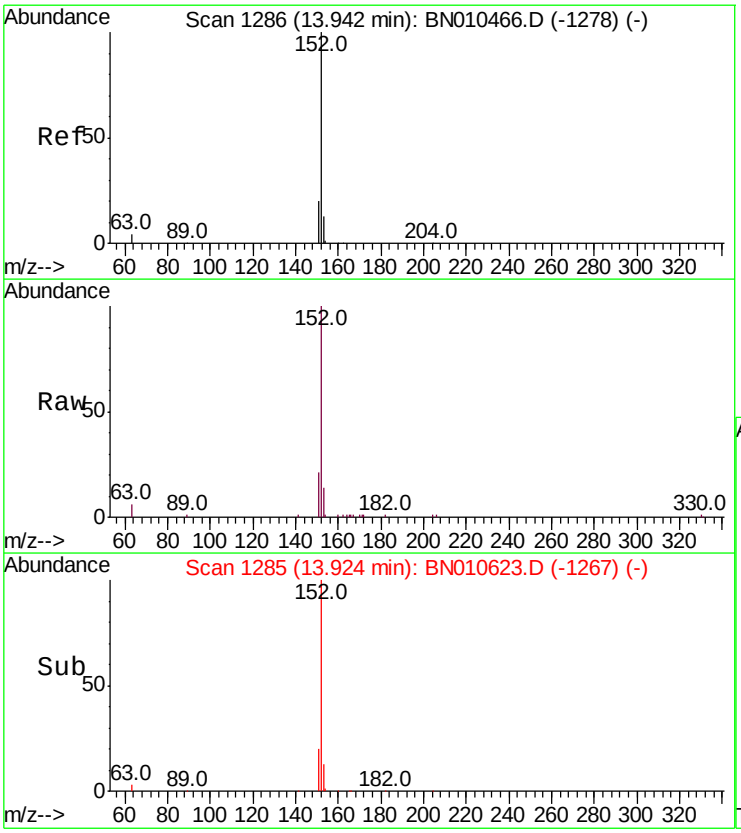
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:172 Resp: 10288

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.2	18.4	27.6

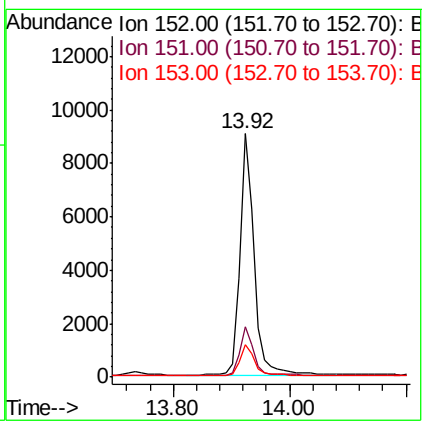


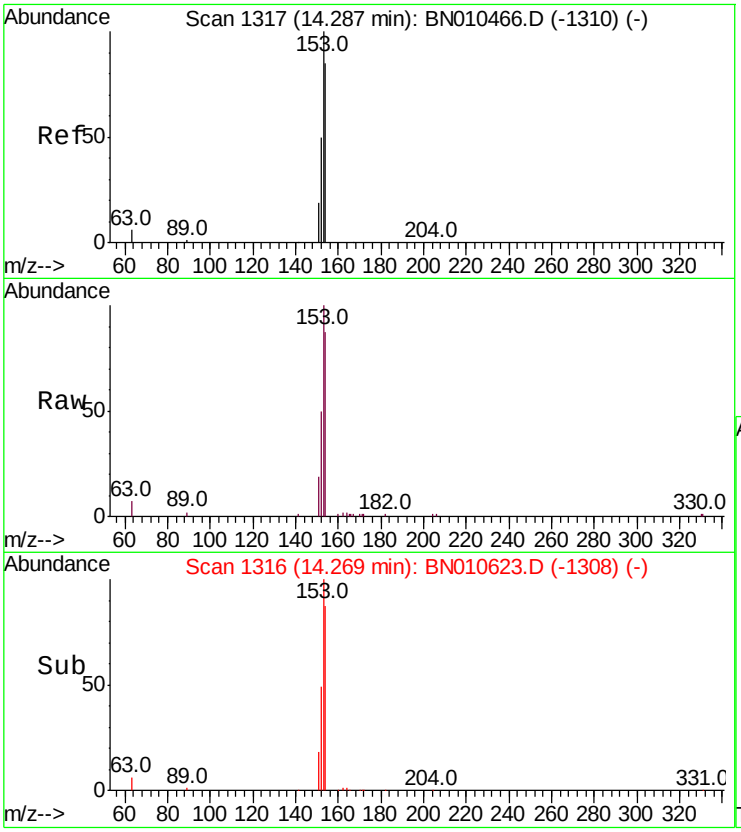


#16
Acenaphthylene
Concen: 0.448 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:152 Resp: 15539

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.6	15.8



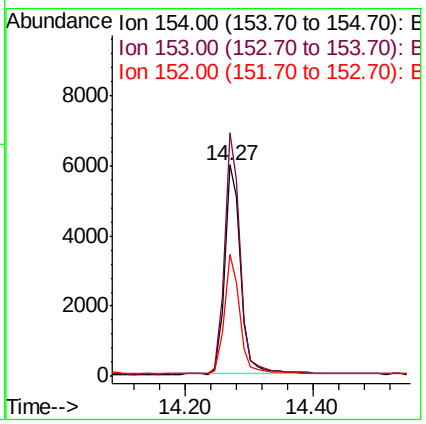


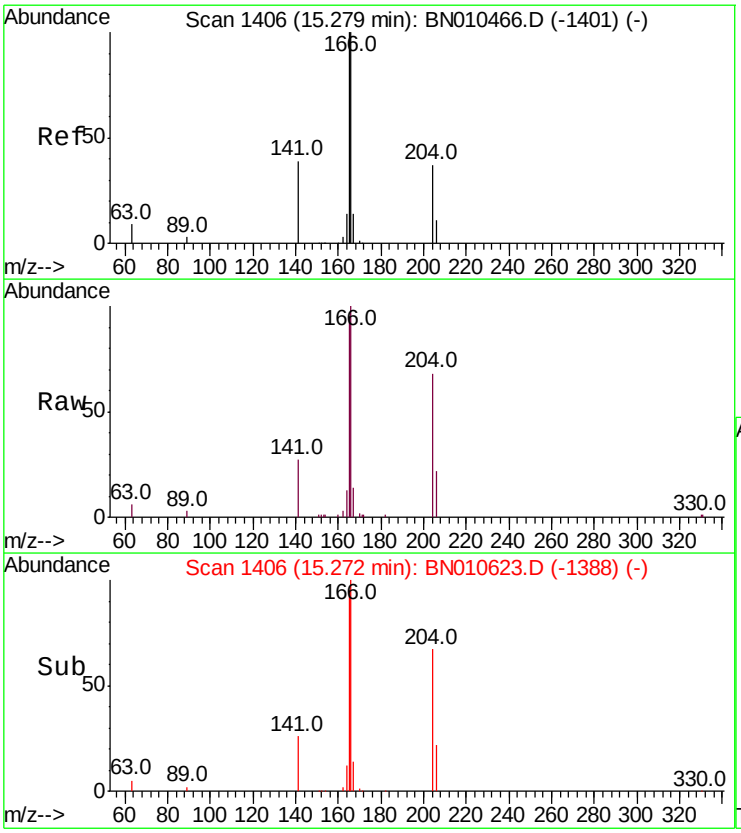
#17
Acenaphthene
Concen: 0.462 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:154 Resp: 10311

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.0	136.4
152	55.2	44.6	67.0

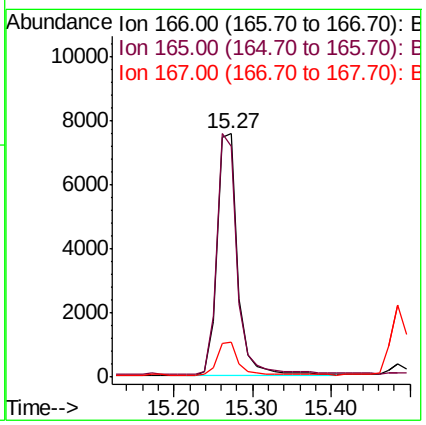


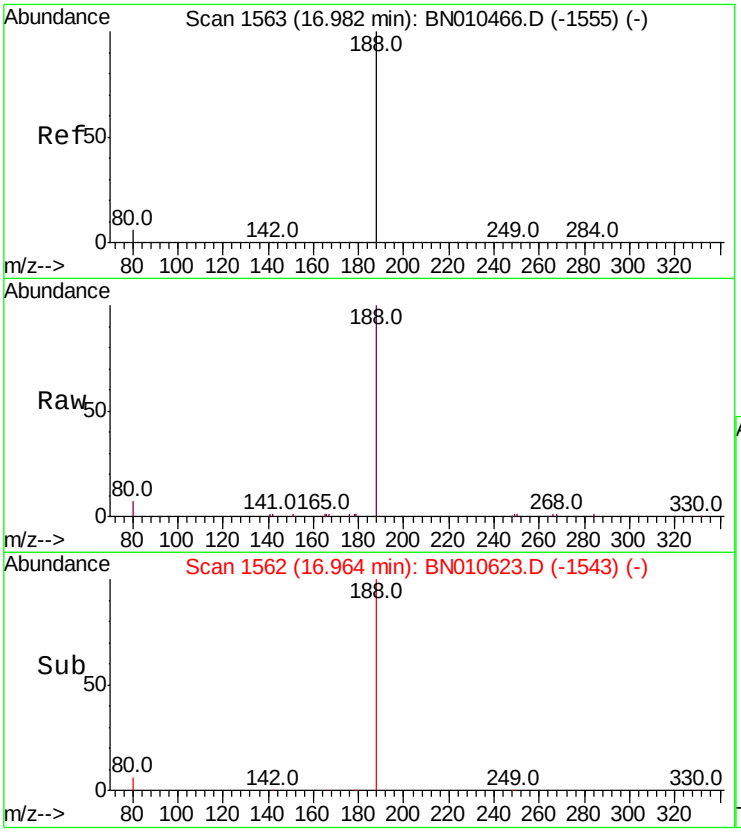


#18
Fluorene
Concen: 0.475 ng
RT: 15.27 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:166 Resp: 13865

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.4	117.6
167	13.3	10.9	16.3



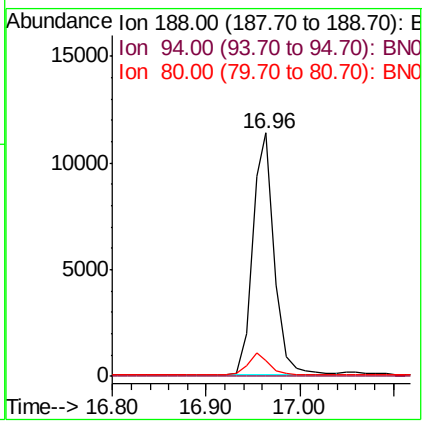


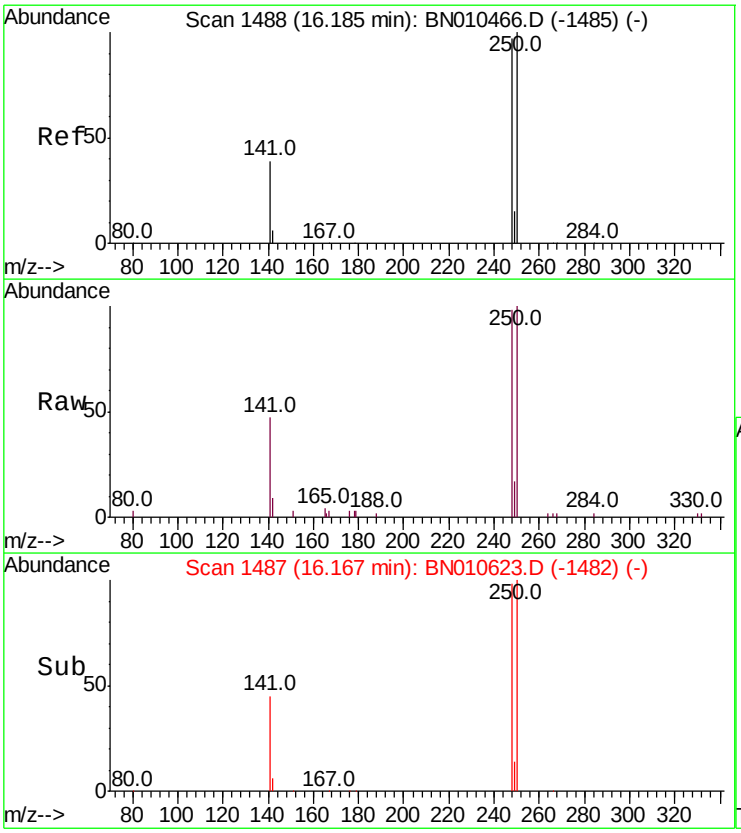
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:188 Resp: 18274

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	5.0	7.6

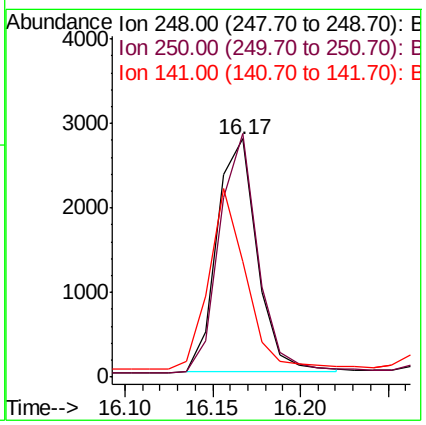


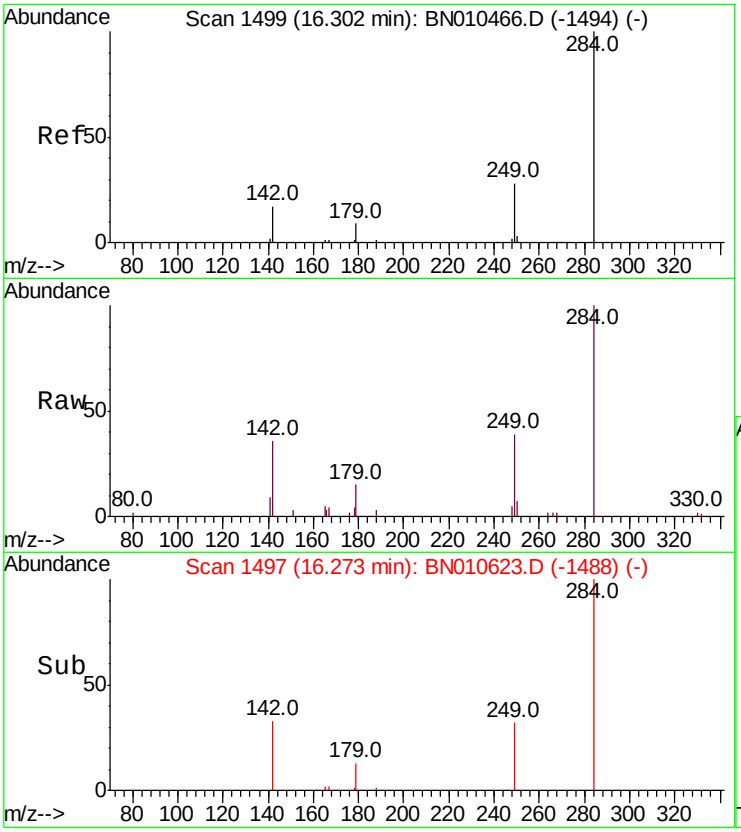


#20
4-Bromophenyl-phenylether
Concen: 0.427 ng
RT: 16.17 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:248 Resp: 4337

Ion	Ratio	Lower	Upper
248	100		
250	102.3	82.3	123.5
141	48.4	35.2	52.8



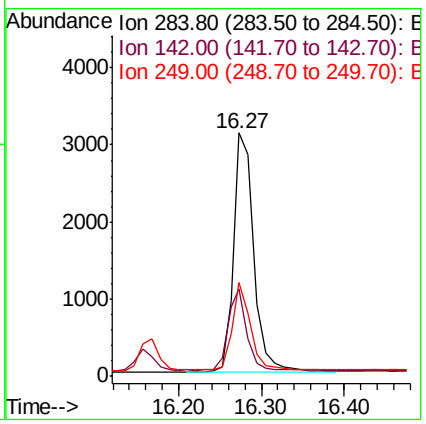


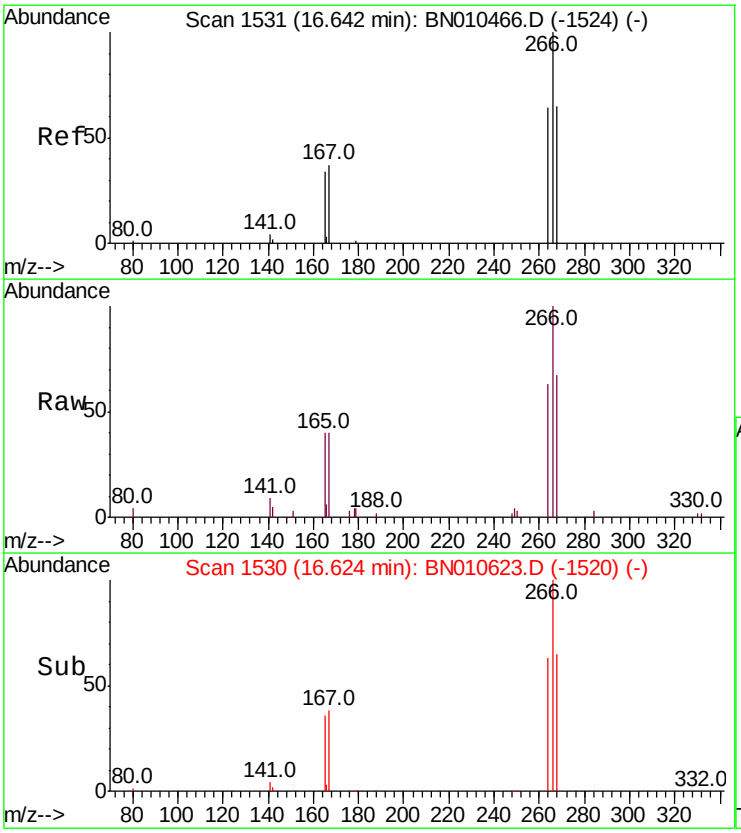
#21
Hexachlorobenzene
Concen: 0.460 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:284 Resp: 5328

Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.5	38.3
249	32.7	25.8	38.6

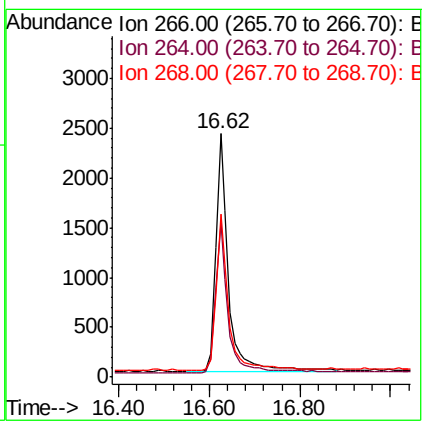


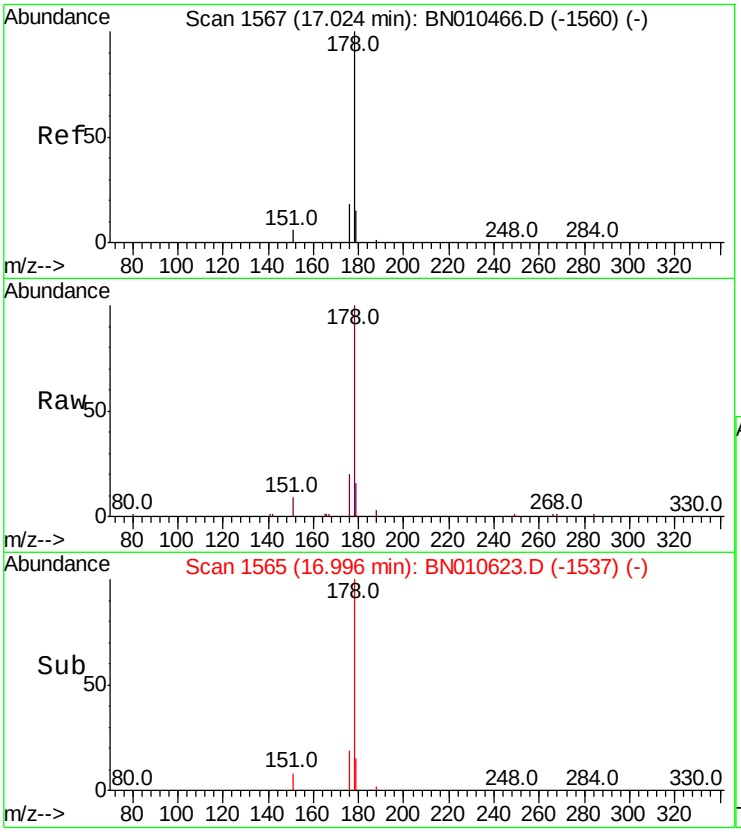


#22
Pentachlorophenol
Concen: 1.011 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:266 Resp: 4608

Ion	Ratio	Lower	Upper
266	100		
264	63.3	51.8	77.6
268	66.7	53.7	80.5



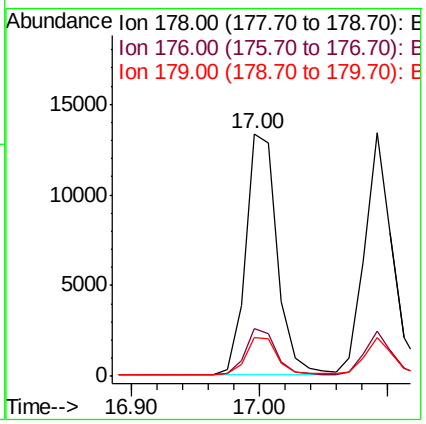


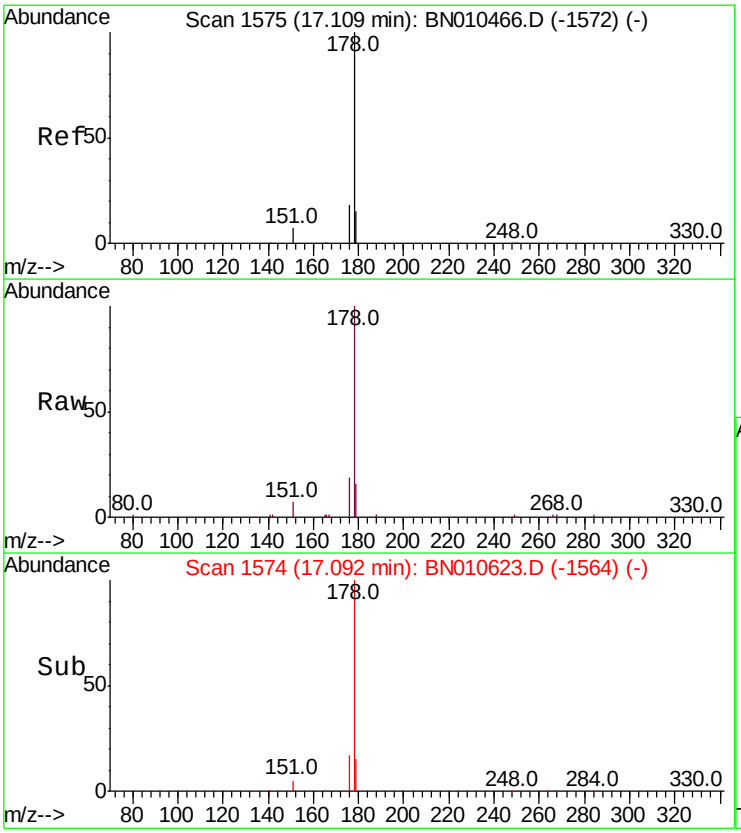
#23
Phenanthrene
Concen: 0.463 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:178 Resp: 22852

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.6	12.6	18.8

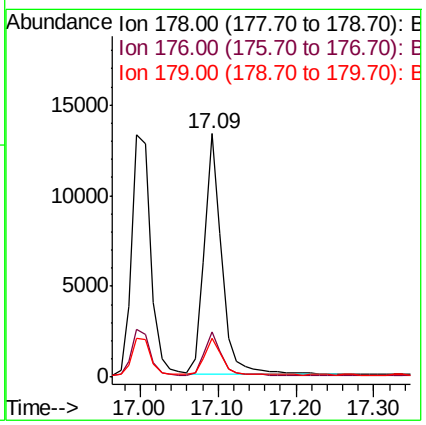


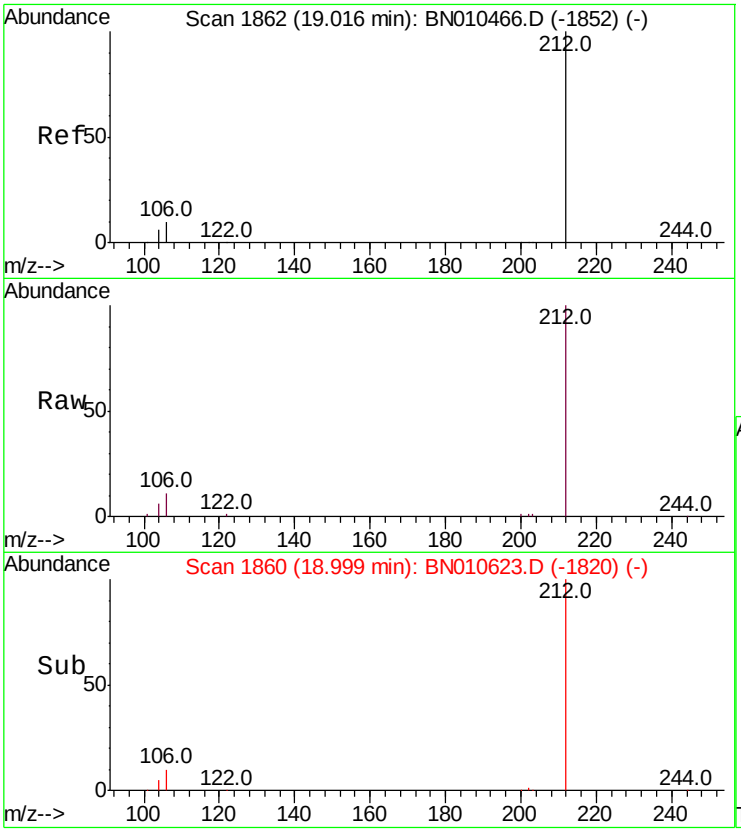


#24
Anthracene
Concen: 0.451 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:178 Resp: 20367

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.2	12.2	18.2



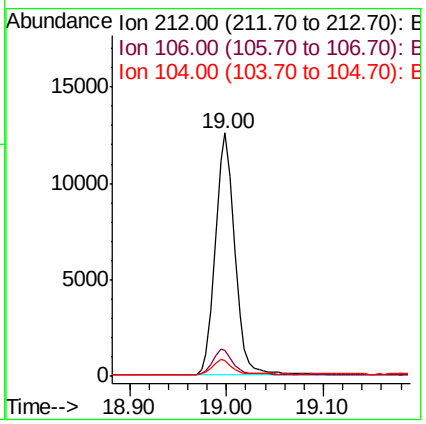


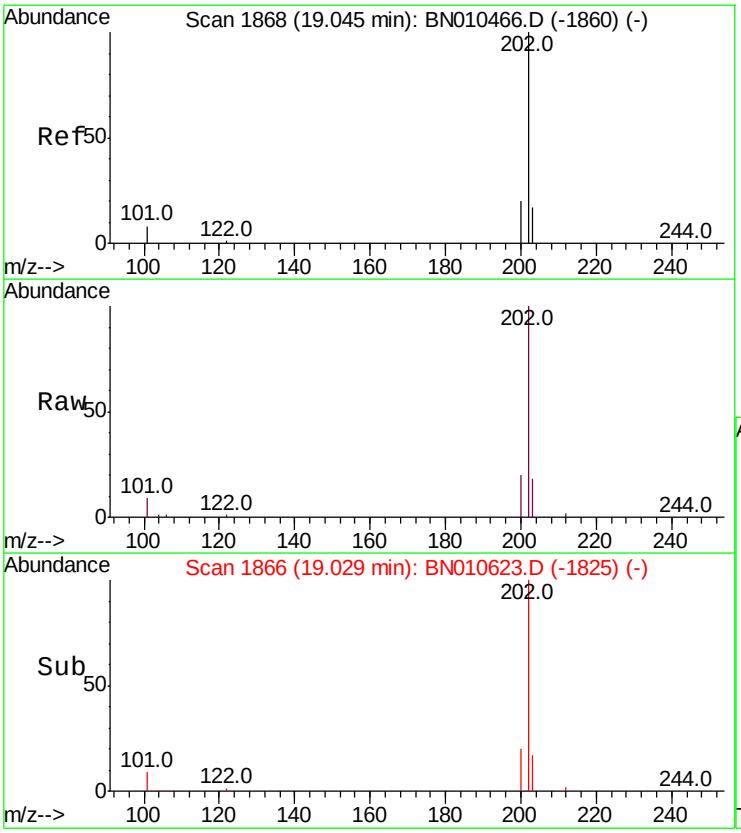
#25
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.00 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:212 Resp: 17659

Ion	Ratio	Lower	Upper
212	100		
106	10.4	7.8	11.6
104	6.1	4.5	6.7

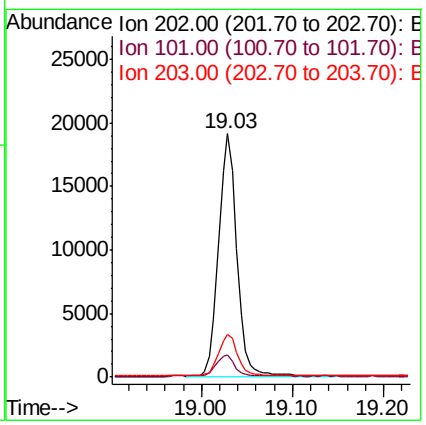


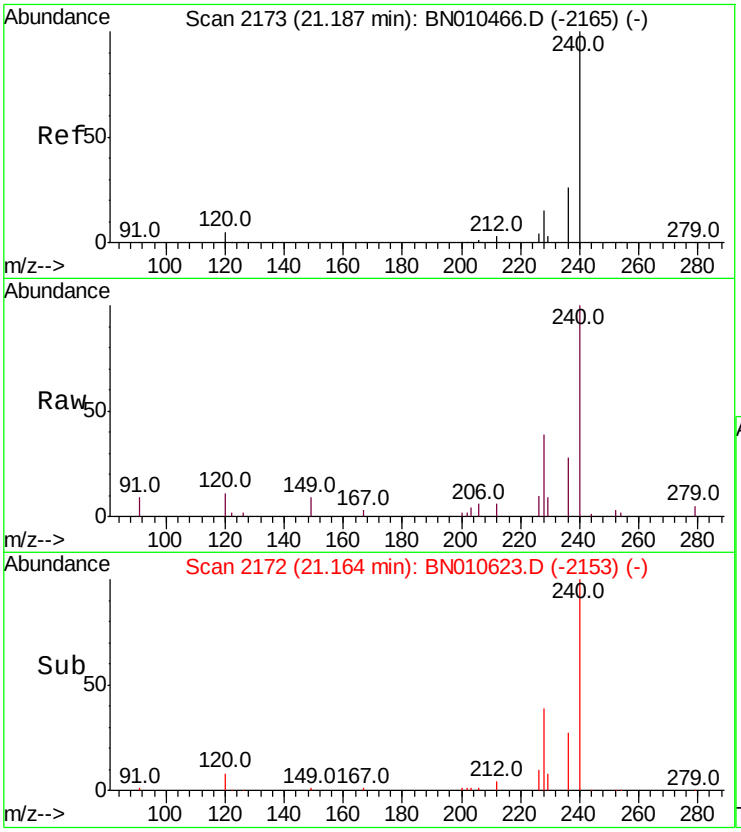


#26
Fluoranthene
Concen: 0.430 ng
RT: 19.03 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:202 Resp: 26440

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
203	17.2	13.9	20.9



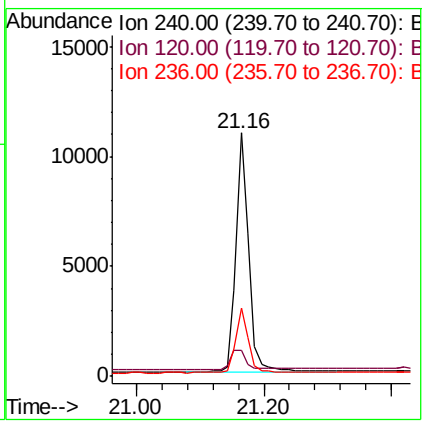


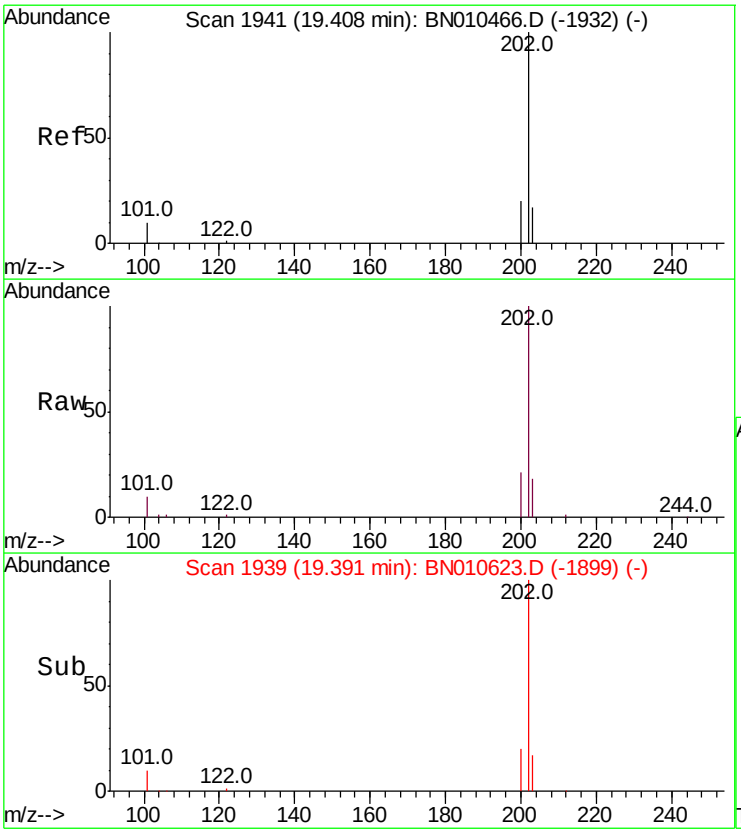
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:240 Resp: 15104

Ion	Ratio	Lower	Upper
240	100		
120	10.5	4.8	7.2#
236	28.0	21.4	32.0

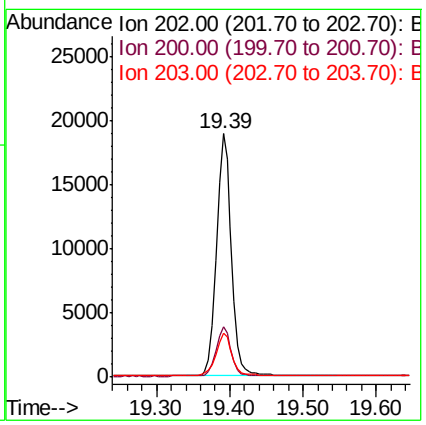


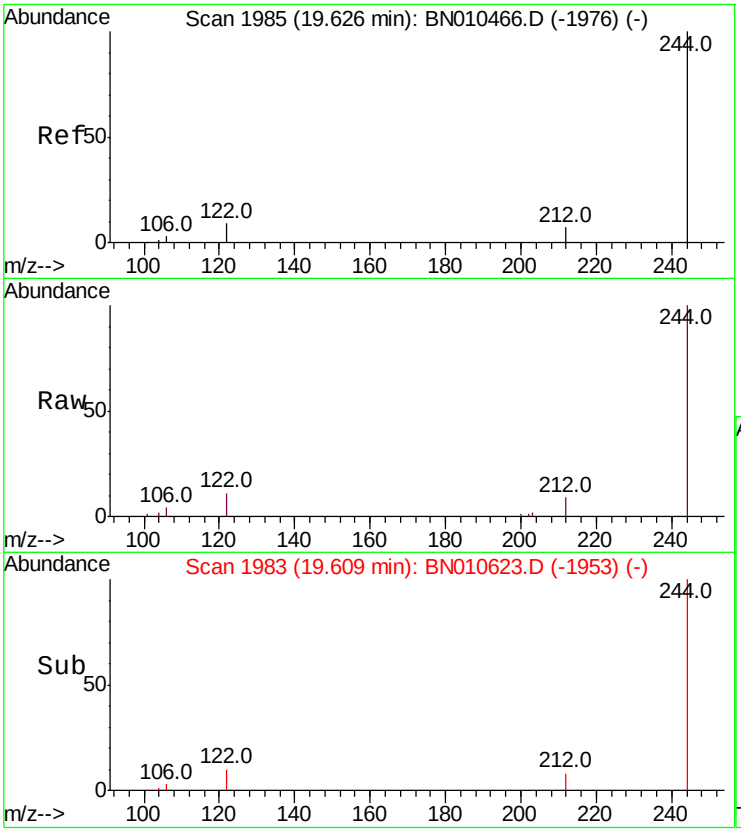


#28
Pyrene
Concen: 0.523 ng
RT: 19.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:202 Resp: 26585

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	18.0	14.0	21.0



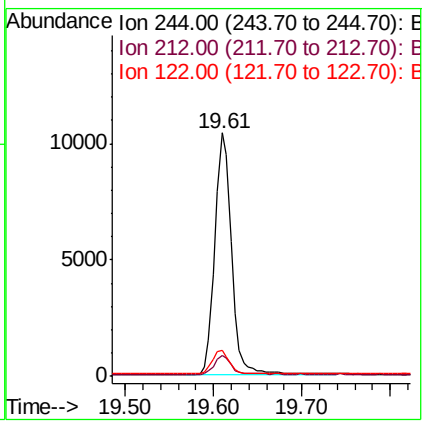


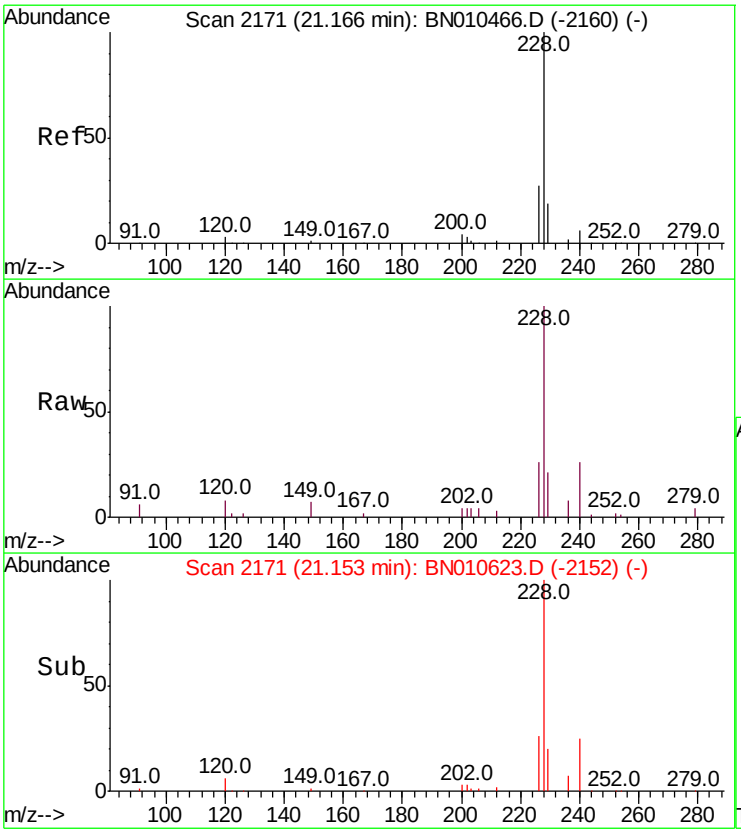
#29
Terphenyl-d14
Concen: 0.397 ng
RT: 19.61 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:244 Resp: 13714

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.4
122	10.6	7.8	11.8

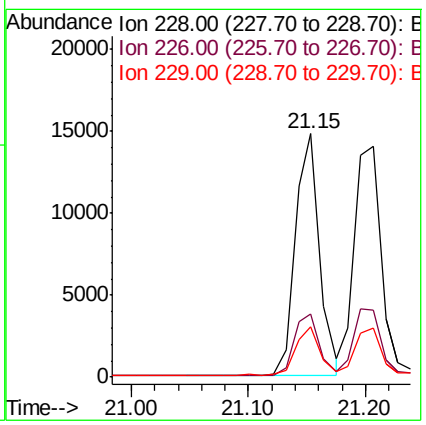


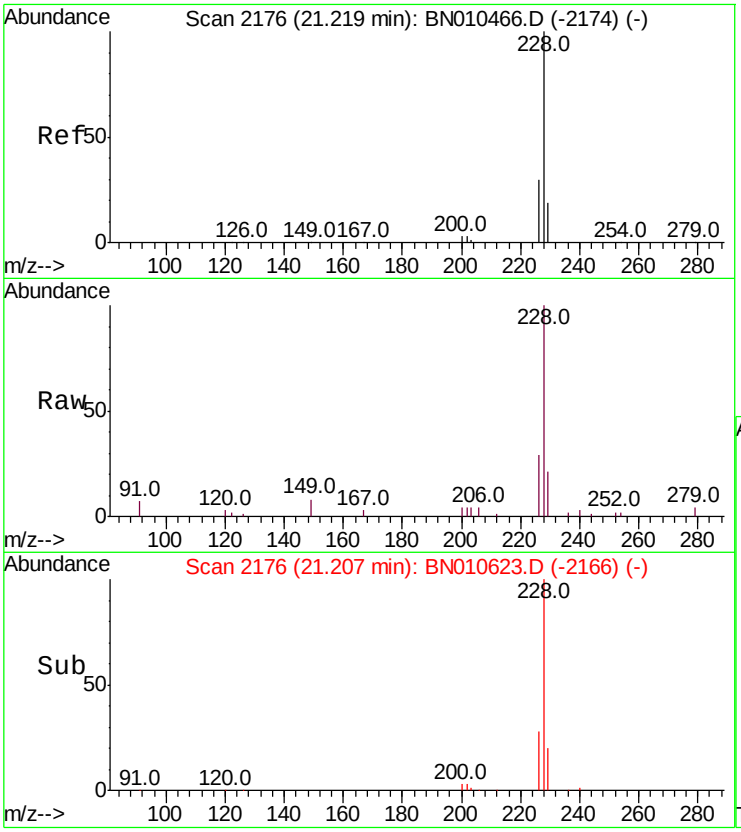


#30
Benzo(a)anthracene
Concen: 0.429 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:228 Resp: 21139

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.7	32.5
229	20.8	15.6	23.4



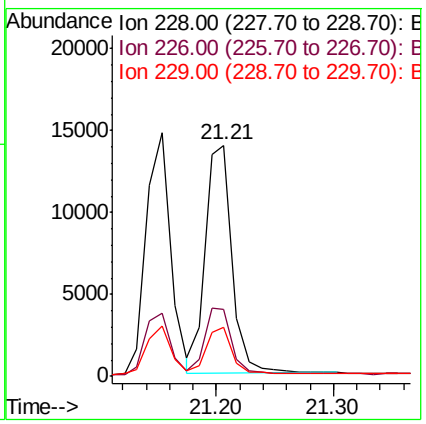


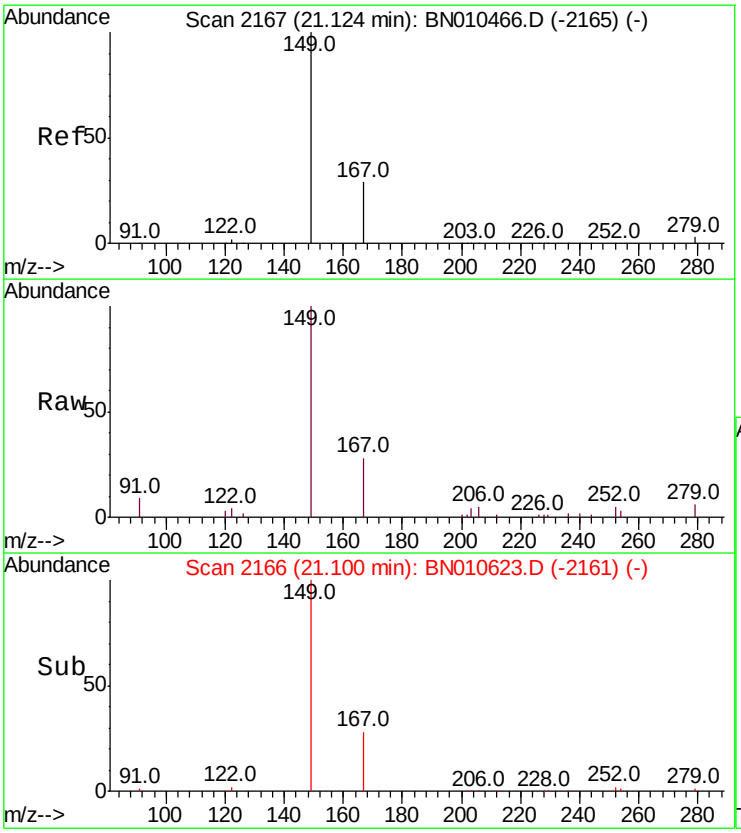
#31
Chrysene
Concen: 0.453 ng
RT: 21.21 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:228 Resp: 22249

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	21.1	15.8	23.6

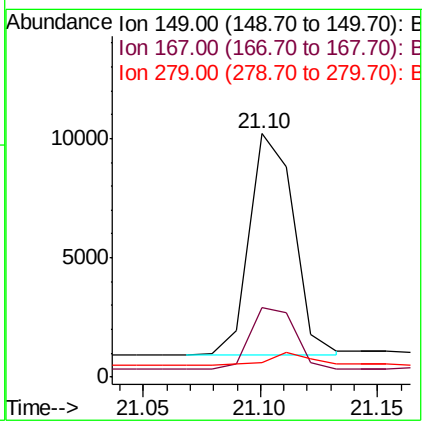


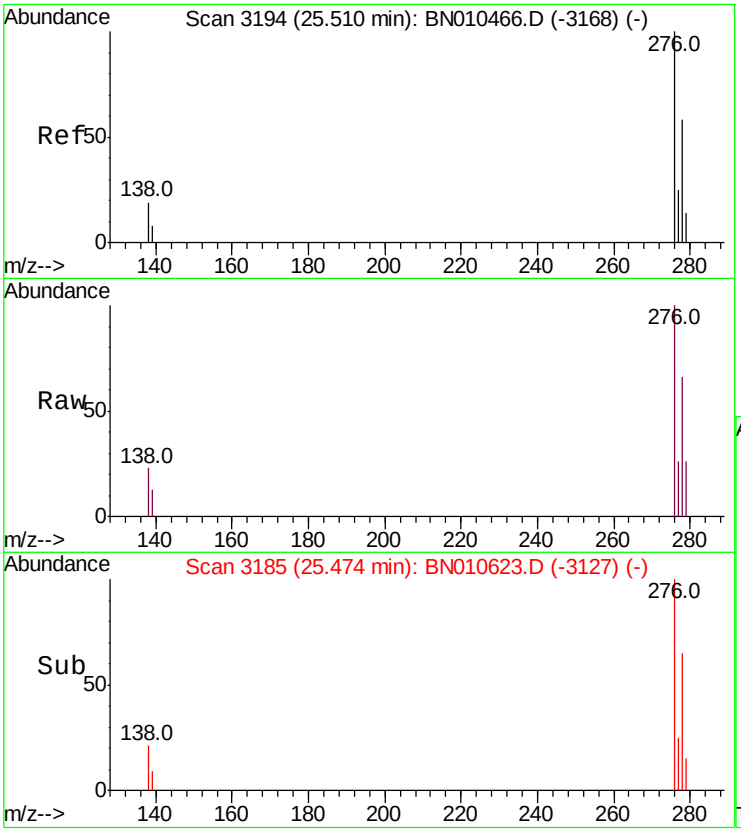


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.482 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:149 Resp: 12191

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	5.4	4.0	6.0



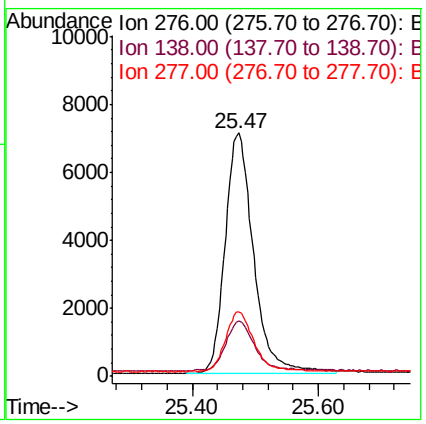


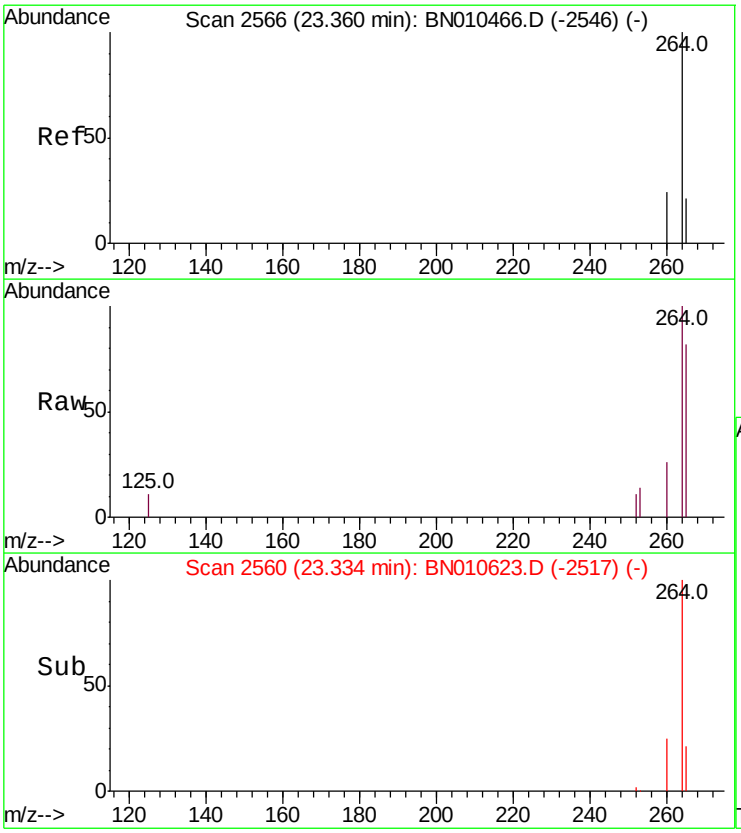
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.510 ng
RT: 25.47 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:276 Resp: 22135

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.4	24.6
277	24.7	19.8	29.6

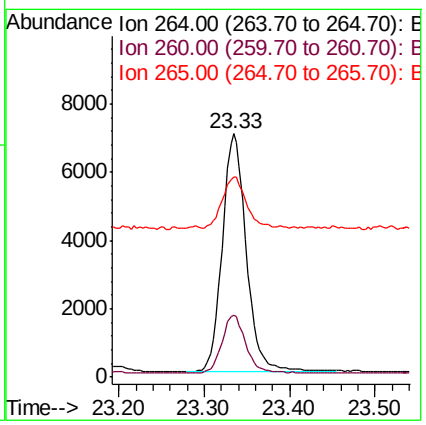


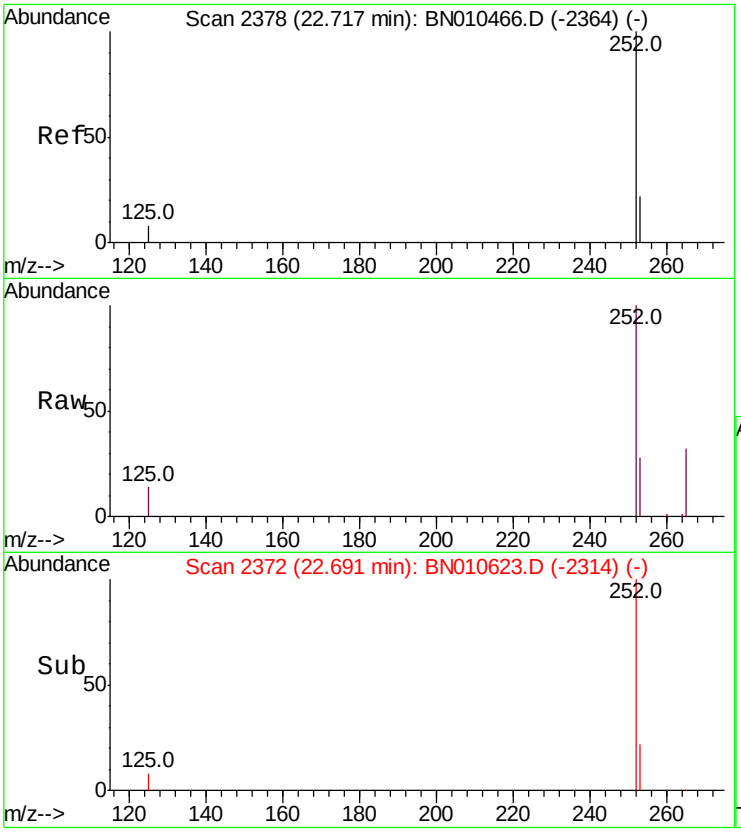


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2560
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:264 Resp: 13643

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.8
265	82.1	42.3	63.5#



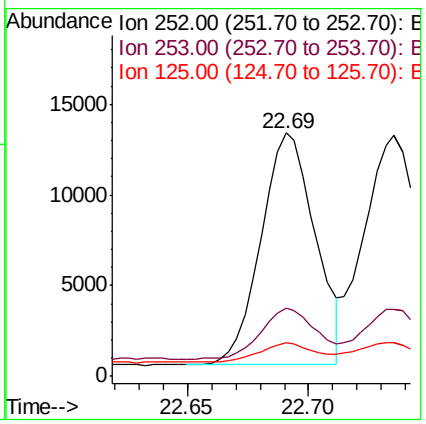


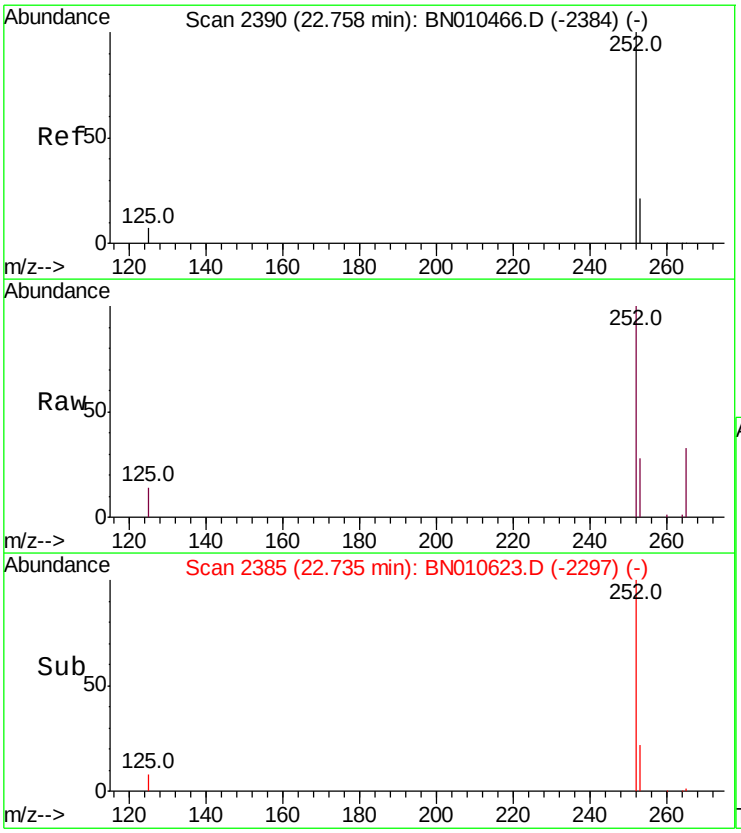
#35
Benzo(b)fluoranthene
Concen: 0.444 ng
RT: 22.69 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:252 Resp: 19929

Ion	Ratio	Lower	Upper
252	100		
253	27.9	20.2	30.4
125	13.6	9.2	13.8

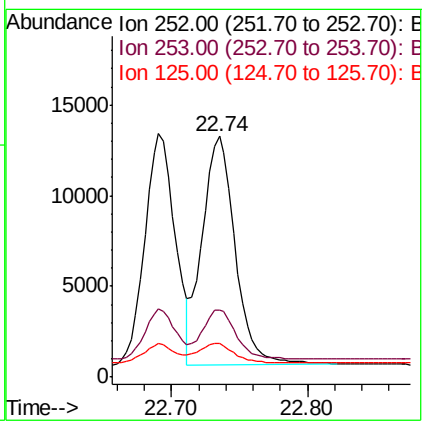


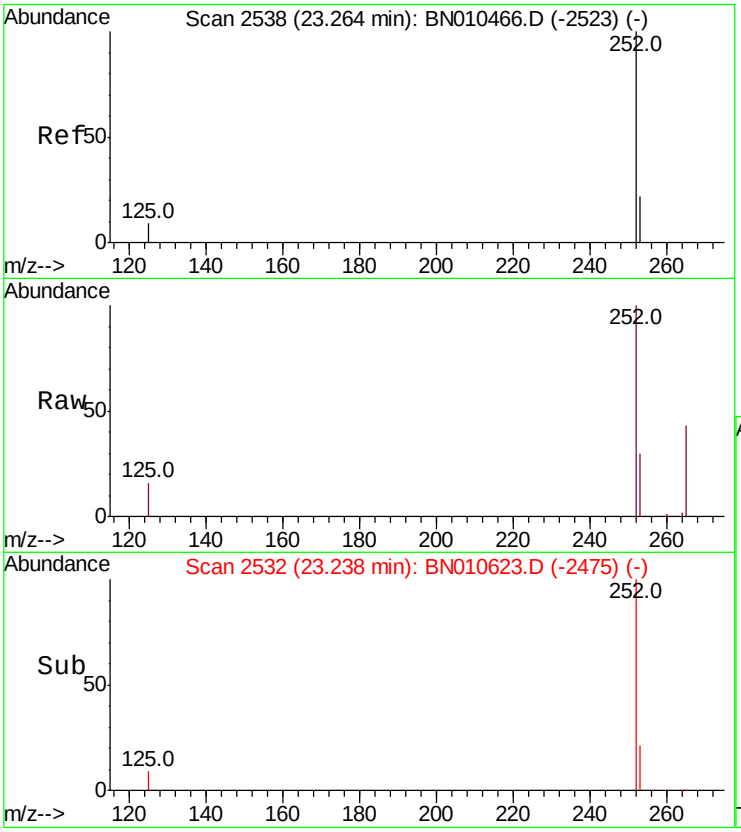


#36
Benzo(k)fluoranthene
Concen: 0.469 ng
RT: 22.74 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:252 Resp: 21127

Ion	Ratio	Lower	Upper
252	100		
253	28.0	20.1	30.1
125	13.8	9.6	14.4



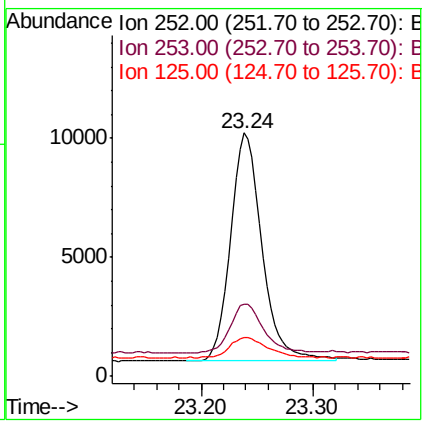


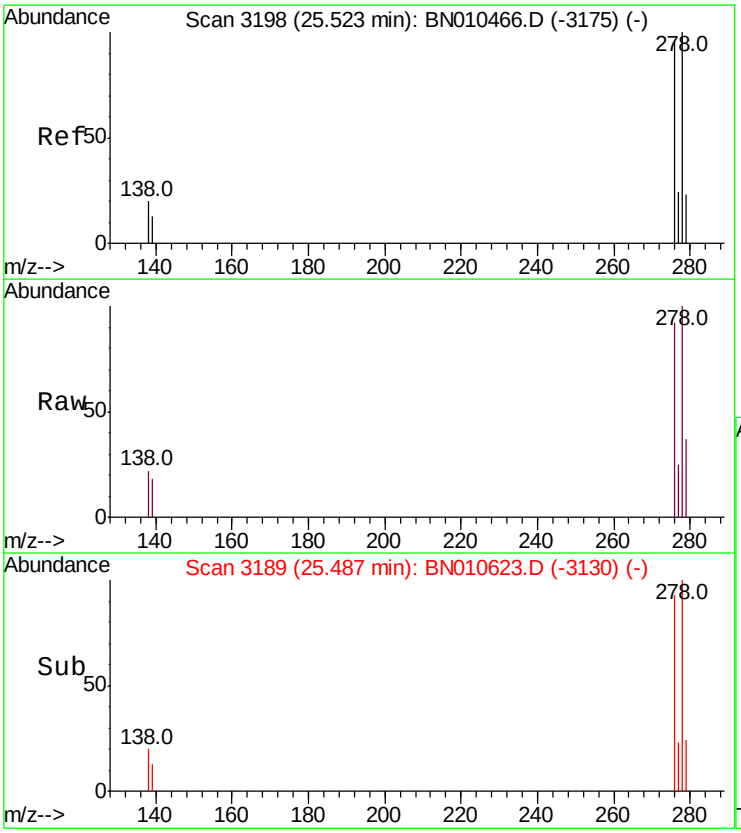
#37
Benzo(a)pyrene
Concen: 0.470 ng
RT: 23.24 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:252 Resp: 18708

Ion	Ratio	Lower	Upper
252	100		
253	29.8	21.8	32.8
125	15.9	11.0	16.6

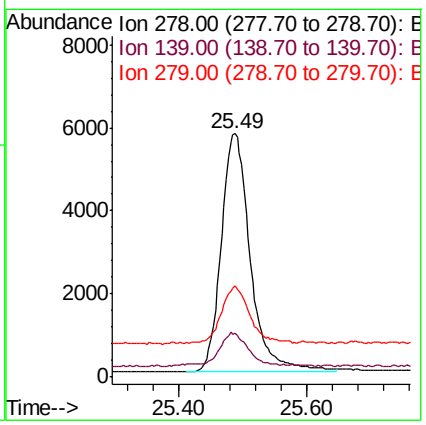


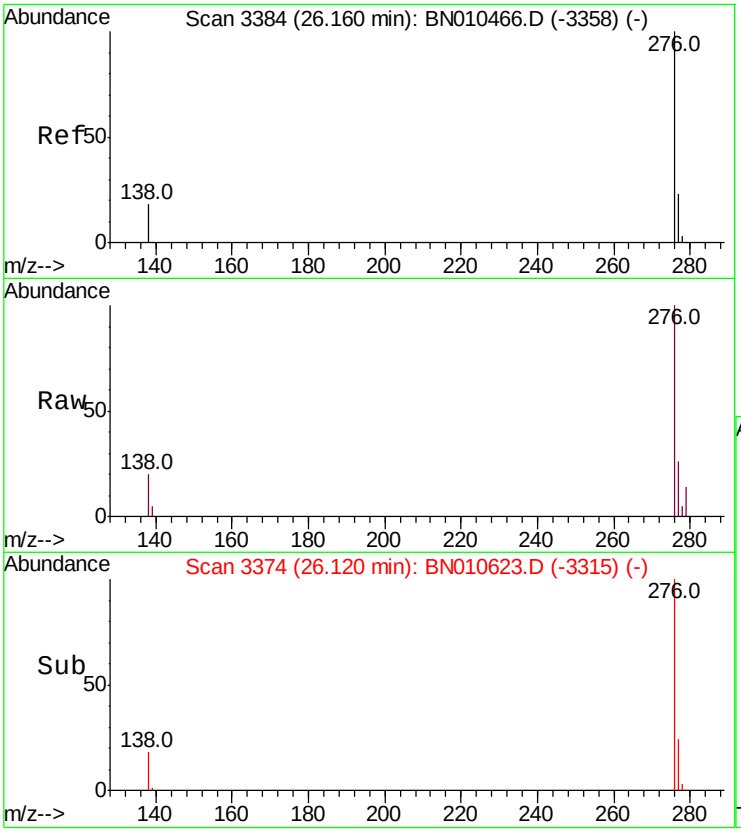


#38
Dibenzo(a,h)anthracene
Concen: 0.497 ng
RT: 25.49 min Scan# 3189
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Tgt Ion:278 Resp: 18071

Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.3	18.5
279	37.3	21.9	32.9#





#39
Benzo(g,h,i)perylene
Concen: 0.523 ng
RT: 26.12 min Scan# 3374
Delta R.T. 0.00 min
Lab File: BN010623.D
Acq: 28 Apr 2020 12:30

Instrument :
BNA_N
ClientSampleId :
PB128508BS

Tgt Ion:276 Resp: 19149

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.2	30.2
138	20.4	15.4	23.2