Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
Data File : BN010620.D
Acq On : 28 Apr 2020 10:42
Operator : CG/JU
Sample : PB128436BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128436BS

Quant Time: Apr 28 11:15:20 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	4157	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	17604	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	11623	0.40	ng		0.00
19) Phenanthrene-d10	16.96	188	26819	0.40	ng		0.00
27) Chrysene-d12	21.17	240	23465	0.40	ng		0.00
34) Perylene-d12	23.33	264	21561	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3129	0.34	ng		0.00
5) Phenol-d6	6.78	99	3981	0.33	ng		0.00
8) Nitrobenzene-d5	8.72	82	3956	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.94	152	16161	0.56	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1477	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	13294	0.31	ng		0.00
25) Fluoranthene-d10	19.00	212	23876	0.29	ng		0.00
29) Terphenyl-d14	19.61	244	18999	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	914	0.299	ng	#	82
3) n-Nitrosodimethylamine	3.55	42	785	0.396	ng	#	100
6) bis(2-Chloroethyl)ether	7.03	93	4546	0.441	ng		98
9) Naphthalene	10.39	128	18779	0.430	ng		99
10) Hexachlorobutadiene	10.70	225	4019	0.381	ng	#	99
12) 2-Methylnaphthalene	12.01	142	14036	0.447	ng		98
16) Acenaphthylene	13.93	152	20778	0.414	ng		100
17) Acenaphthene	14.28	154	13564	0.420	ng		100
18) Fluorene	15.27	166	17738	0.420	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	5630	0.378	ng	#	89
21) Hexachlorobenzene	16.28	284	6866	0.404	ng		99
22) Pentachlorophenol	16.62	266	6045	0.904	ng		97
23) Phenanthrene	17.00	178	30050	0.415	ng		99
24) Anthracene	17.09	178	27037	0.408	ng		100
26) Fluoranthene	19.03	202	36260	0.402	ng		99
28) Pyrene	19.39	202	36670	0.464	ng		99
30) Benzo(a)anthracene	21.16	228	30859	0.403	ng		97
31) Chrysene	21.20	228	31199	0.409	ng		99
32) Bis(2-ethylhexyl)phthalate	21.10	149	18707	0.476	ng		99
33) Indeno(1,2,3-cd)pyrene	25.48	276	31207	0.463	ng		100
35) Benzo(b)fluoranthene	22.69	252	28506	0.402	ng		97
36) Benzo(k)fluoranthene	22.73	252	29863	0.420	ng		97
37) Benzo(a)pyrene	23.24	252	26746	0.426	ng		98
38) Dibenzo(a,h)anthracene	25.49	278	25559	0.445	ng	#	88
39) Benzo(g,h,i)perylene	26.12	276	26767	0.463	ng		99

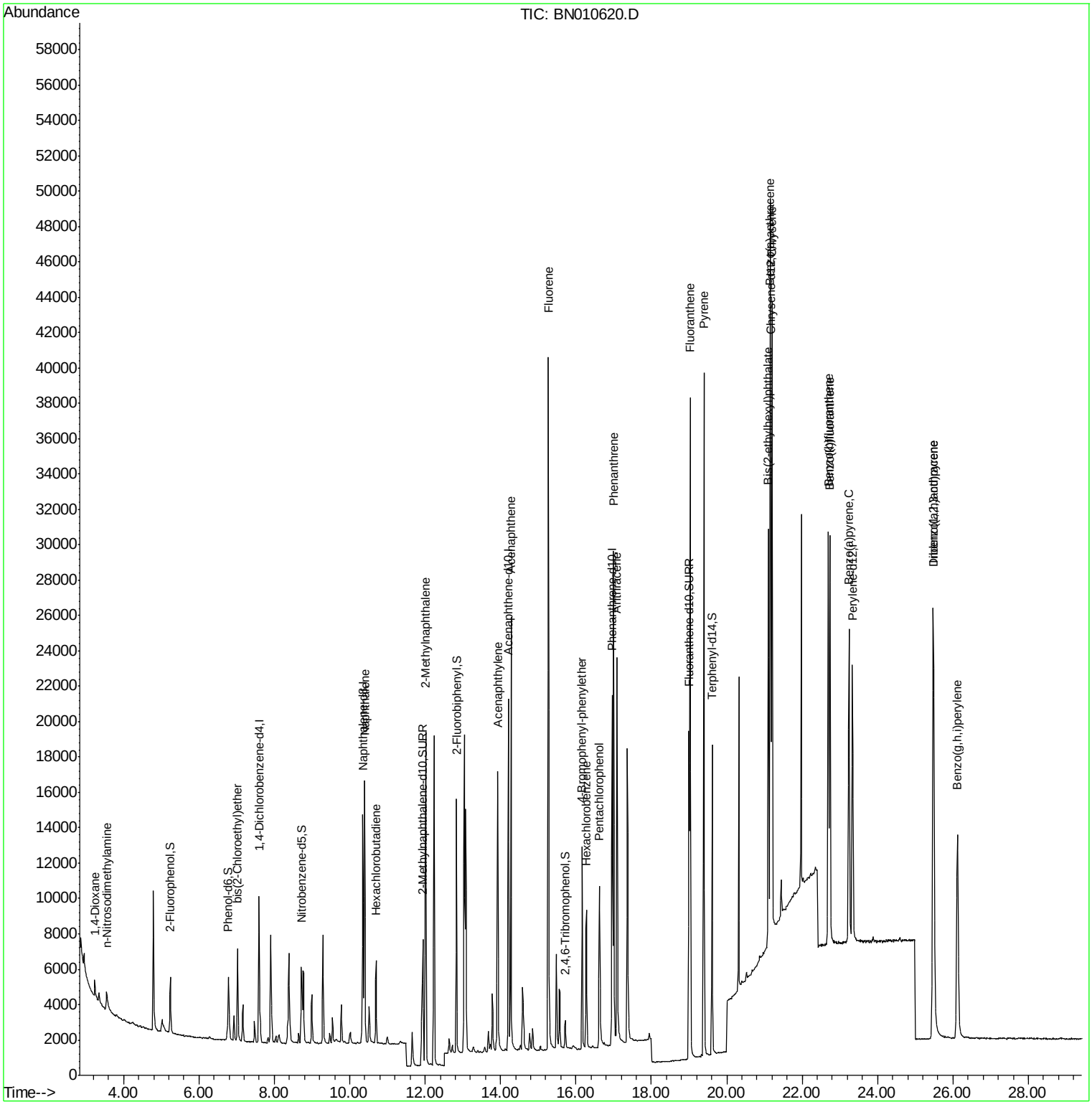
(#) = qualifier out of range (m) = manual integration (+) = signals summed

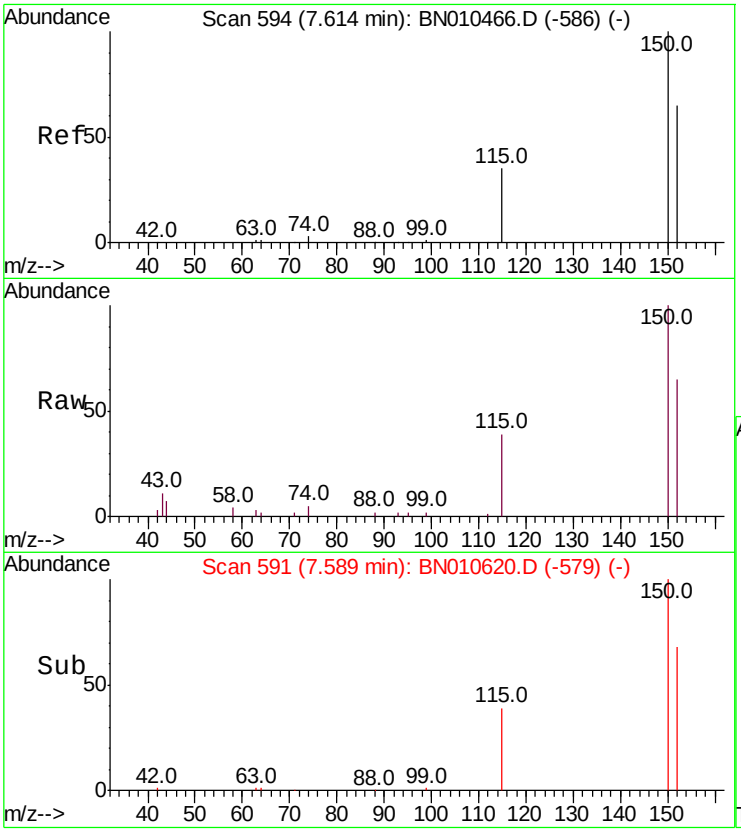
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
Data File : BN010620.D
Acq On : 28 Apr 2020 10:42
Operator : CG/JU
Sample : PB128436BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128436BS

Quant Time: Apr 28 11:15:20 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



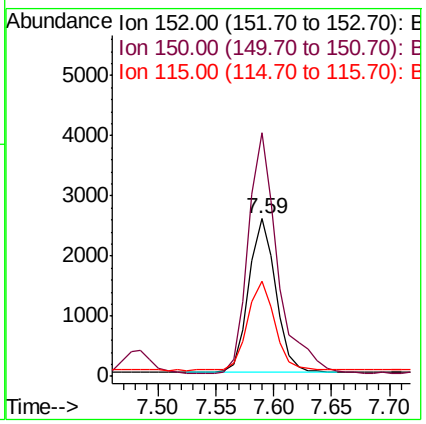


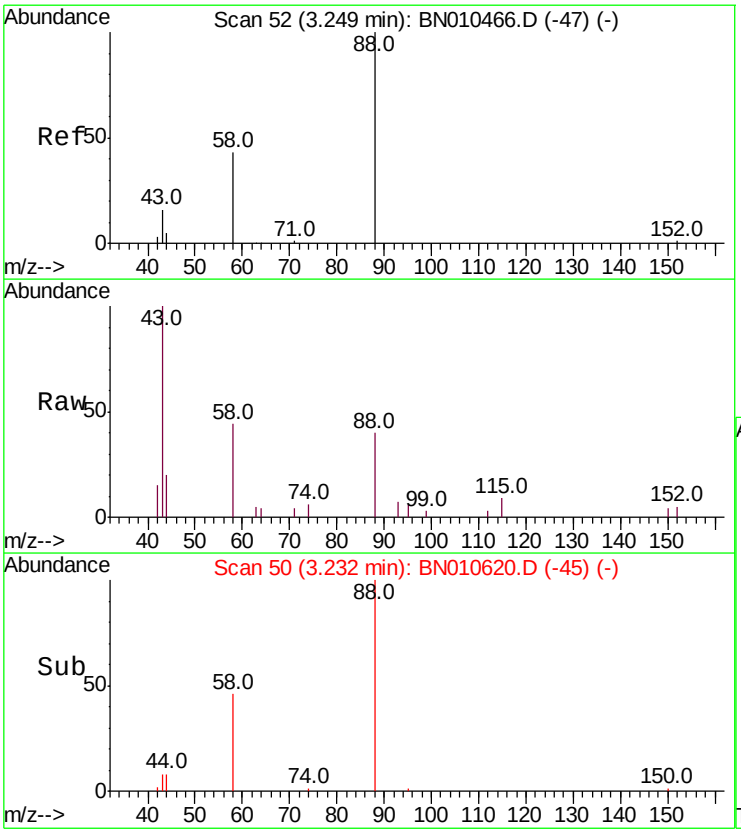
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:152 Resp: 4157

Ion	Ratio	Lower	Upper
152	100		
150	154.5	121.8	182.6
115	60.3	45.5	68.3

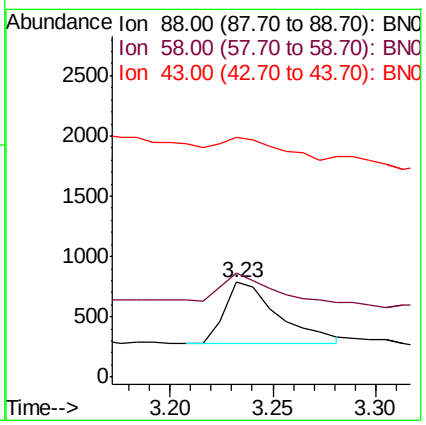


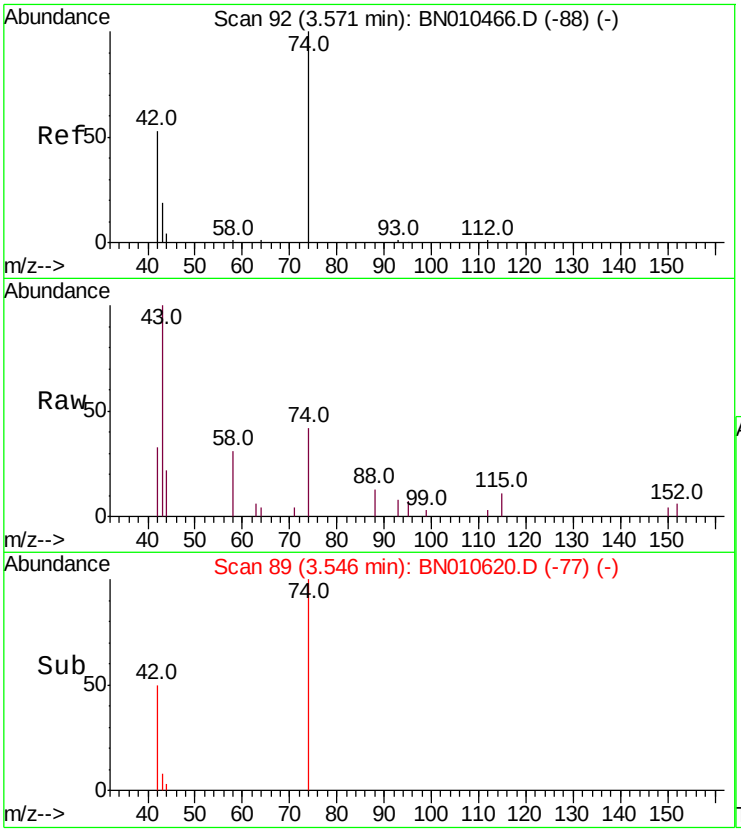


#2
1,4-Dioxane
Concen: 0.299 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion: 88 Resp: 914

Ion	Ratio	Lower	Upper
88	100		
58	42.0	36.5	54.7
43	38.7	13.2	19.8#



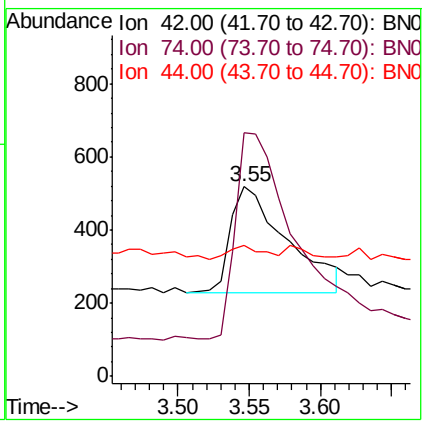


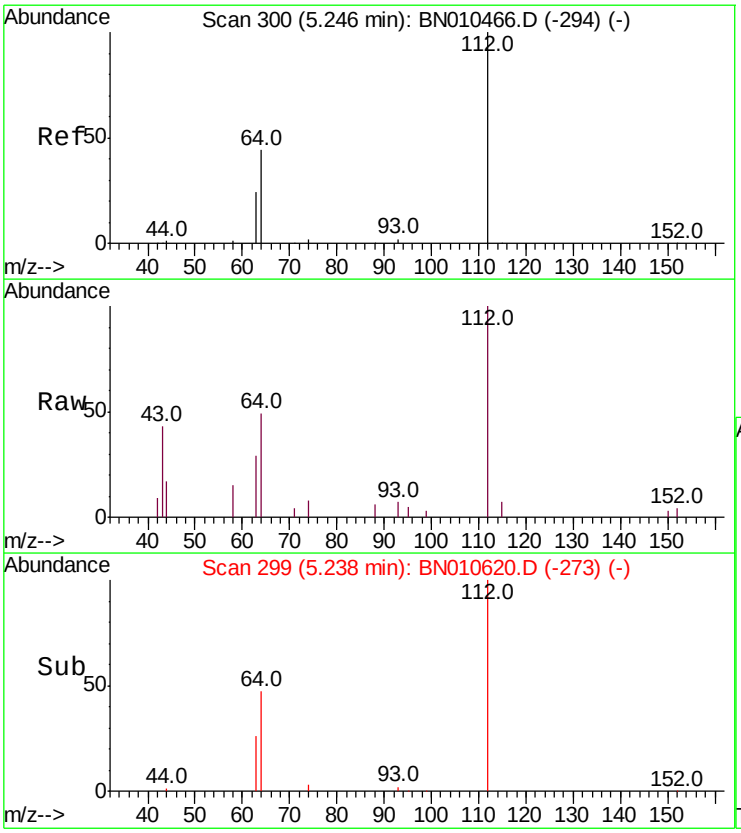
#3
n-Nitrosodimethylamine
Concen: 0.396 ng
RT: 3.55 min Scan# 89
Delta R.T. 0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion: 42 Resp: 785

Ion	Ratio	Lower	Upper
42	100		
74	203.2	162.2	243.4
44	7.3	2.4	3.6#

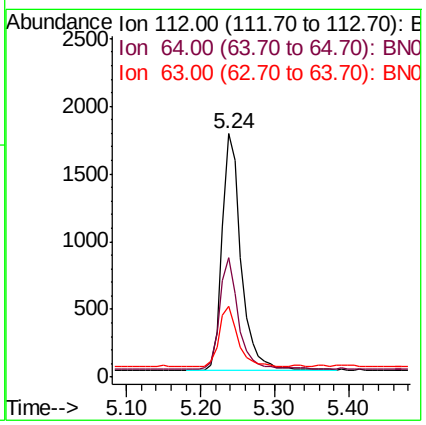


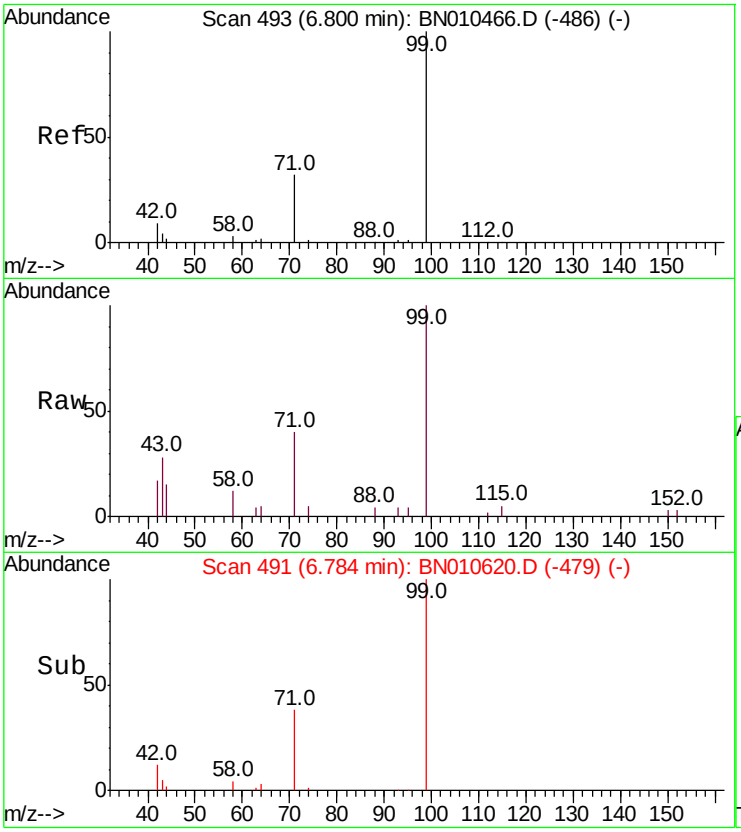


#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.24 min Scan# 299
Delta R.T. 0.01 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:112 Resp: 3129

Ion	Ratio	Lower	Upper
112	100		
64	45.5	35.8	53.8
63	25.1	19.9	29.9



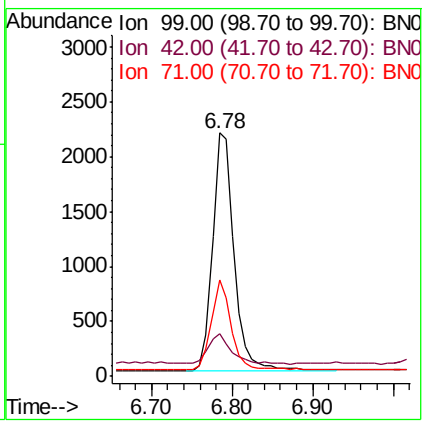


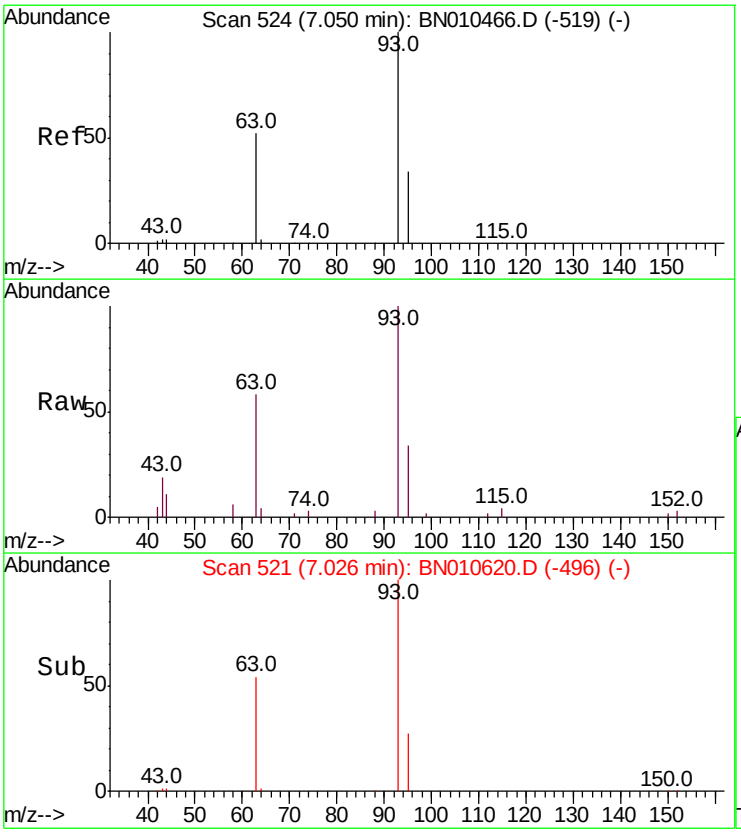
#5
Phenol-d6
Concen: 0.335 ng
RT: 6.78 min Scan# 491
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion: 99 Resp: 3981

Ion	Ratio	Lower	Upper
99	100		
42	12.8	9.8	14.6
71	35.4	27.8	41.8

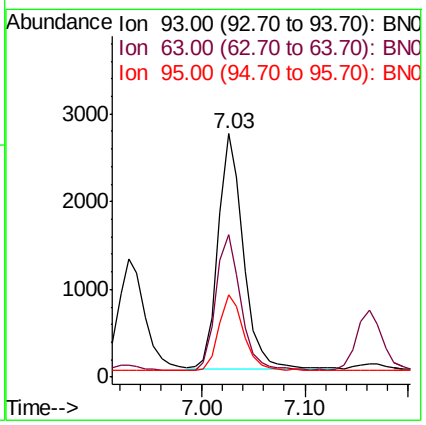


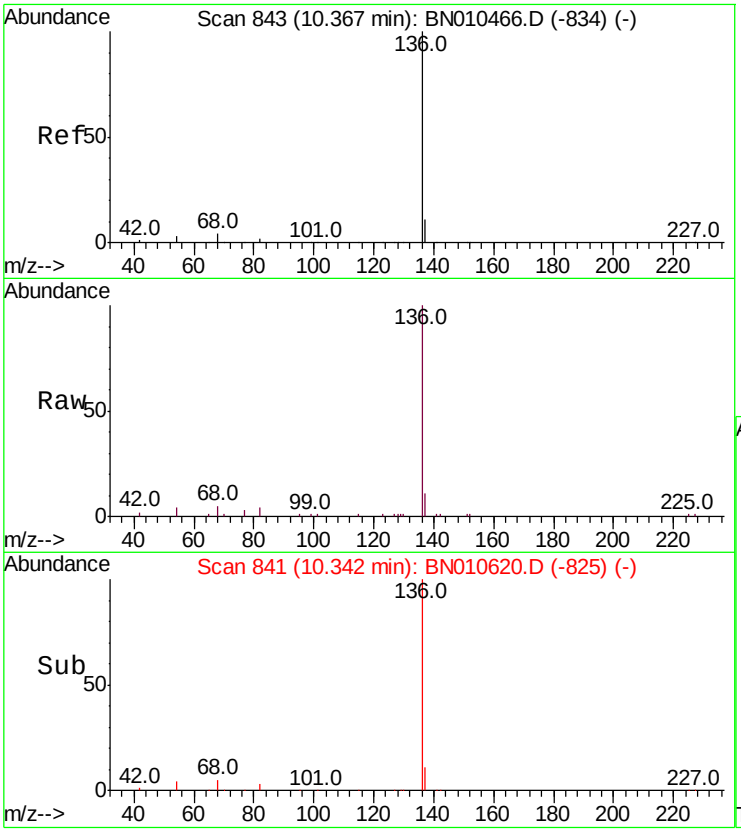


#6
bis(2-Chloroethyl)ether
Concen: 0.441 ng
RT: 7.03 min Scan# 521
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion: 93 Resp: 4546

Ion	Ratio	Lower	Upper
93	100		
63	57.4	44.6	66.8
95	32.8	26.5	39.7



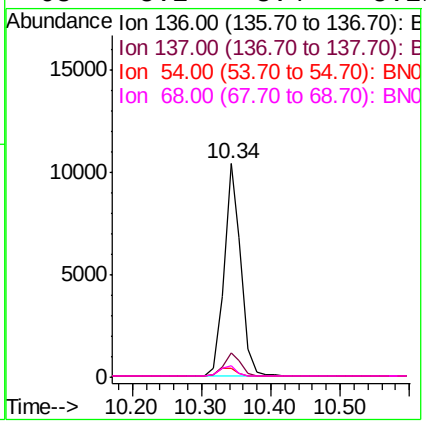


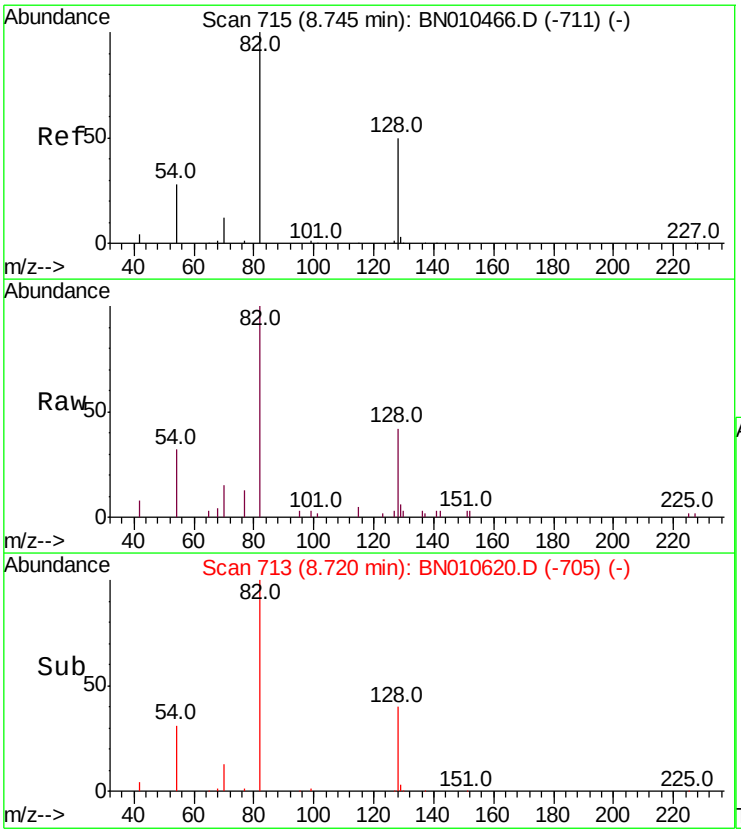
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:136 Resp: 17604

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	4.2	2.6	4.0#
68	5.2	3.4	5.2#

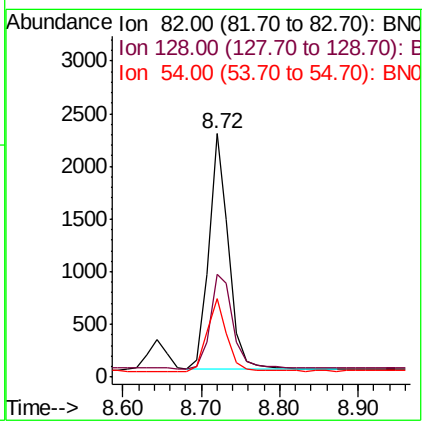


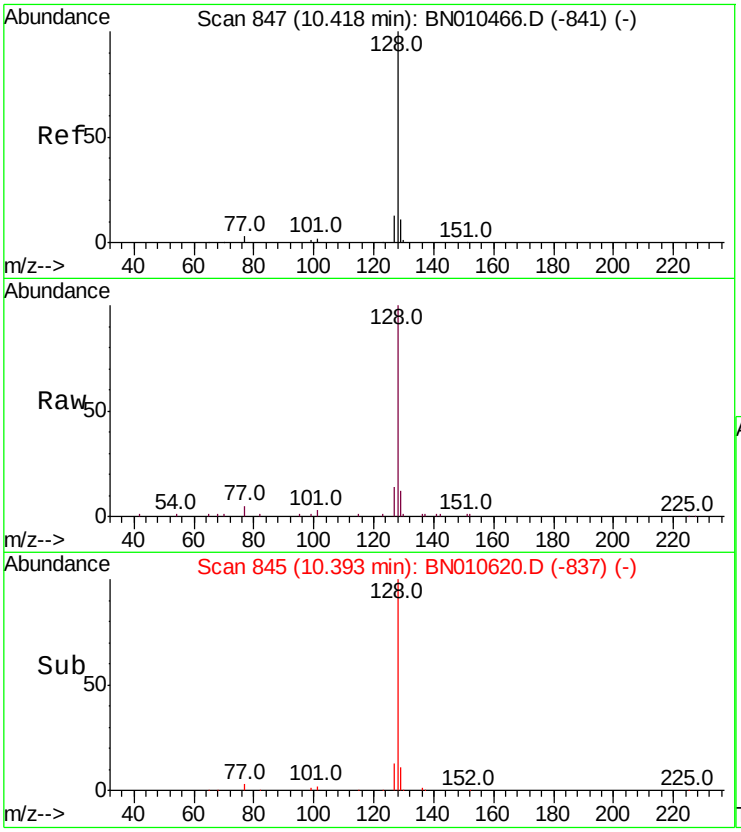


#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion: 82 Resp: 3956

Ion	Ratio	Lower	Upper
82	100		
128	42.3	41.3	61.9
54	32.4	23.4	35.0



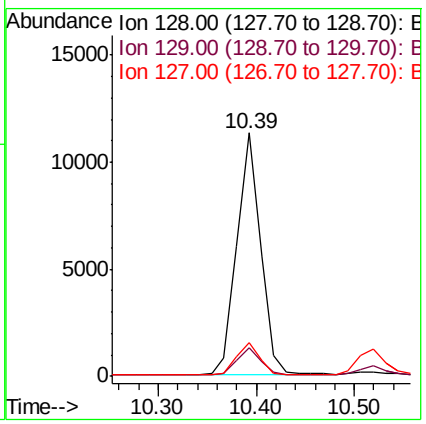


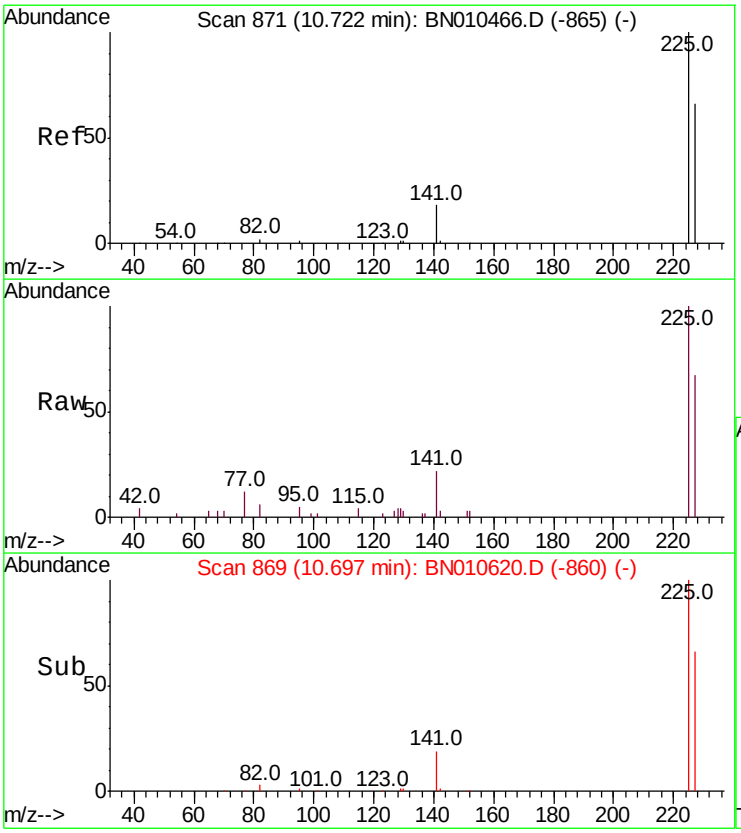
#9
Naphthalene
Concen: 0.430 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:128 Resp: 18779

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.6	10.5	15.7

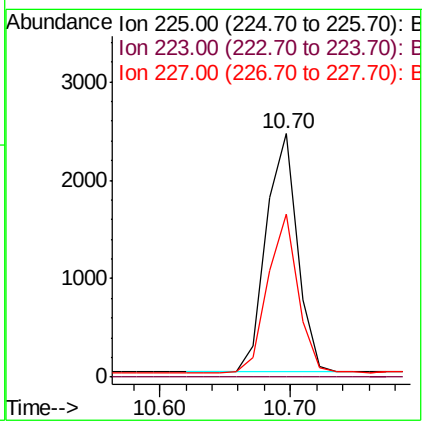


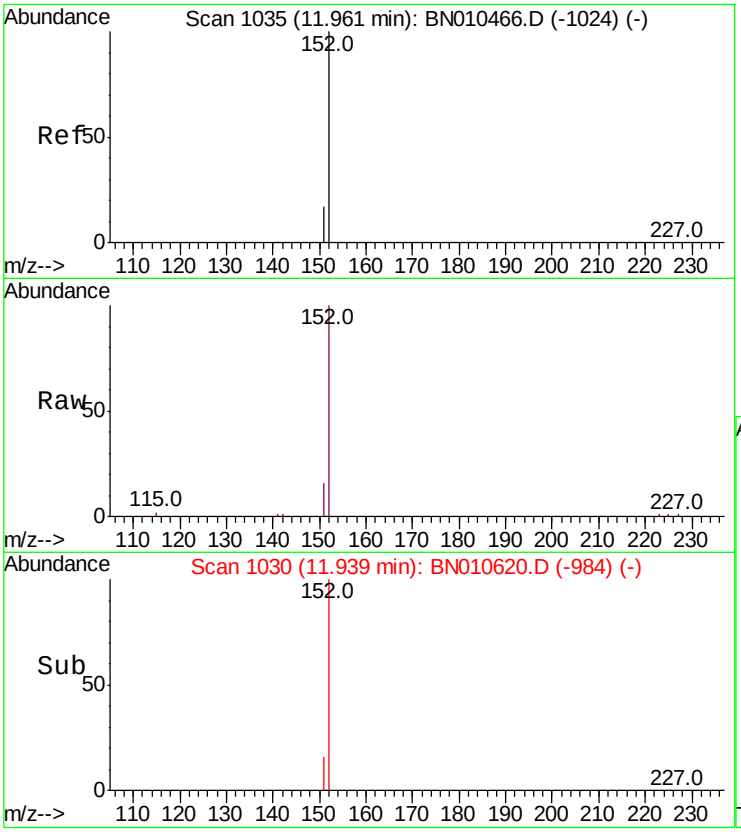


#10
Hexachlorobutadiene
Concen: 0.381 ng
RT: 10.70 min Scan# 869
Delta R.T. 0.01 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:225 Resp: 4019

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.6	76.0



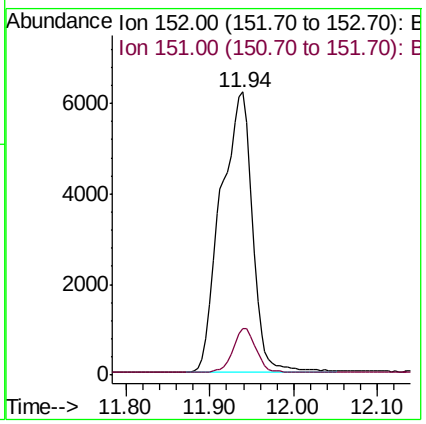


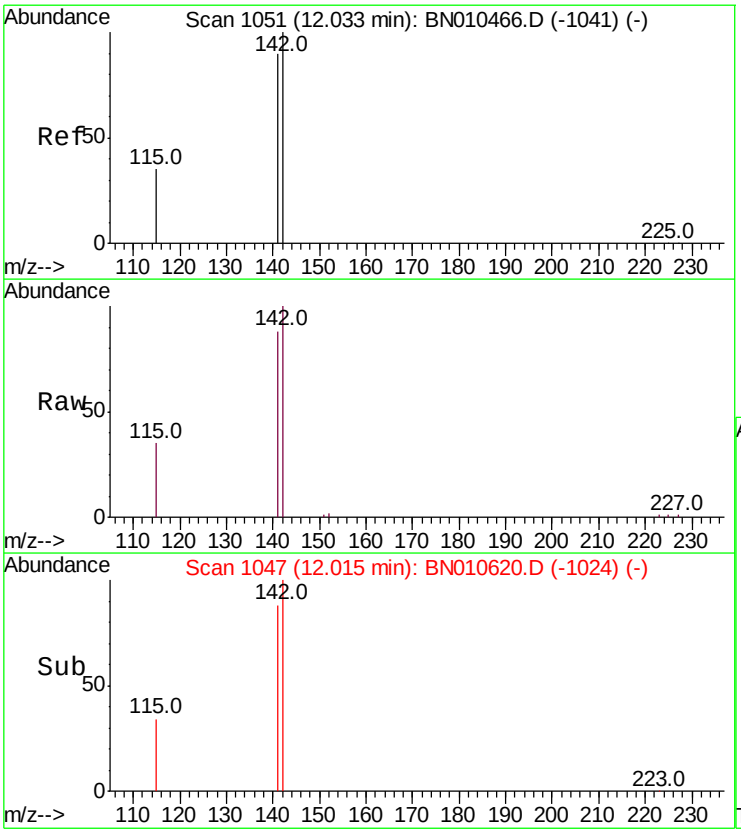
#11
2-Methylnaphthalene-d10
Concen: 0.558 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:152 Resp: 16161

Ion	Ratio	Lower	Upper
152	100		
151	11.2	15.3	22.9#

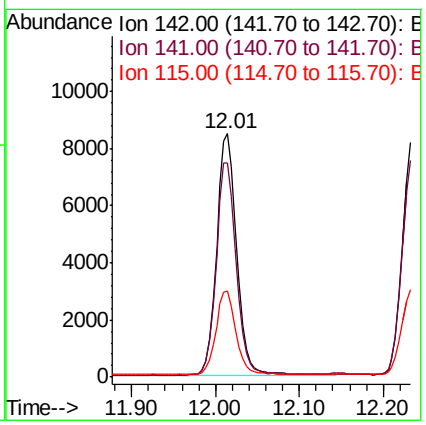


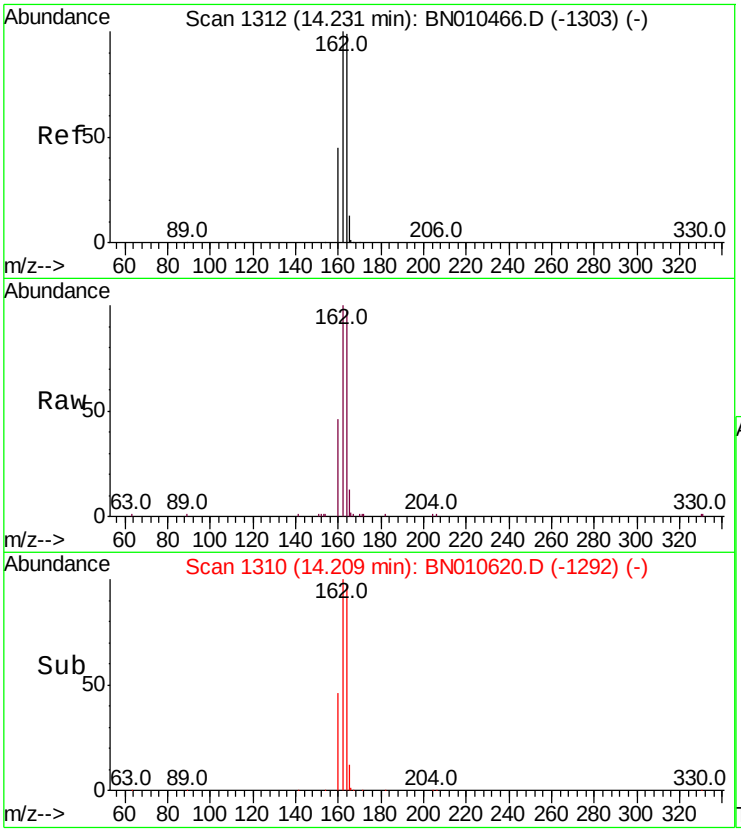


#12
2-Methylnaphthalene
Concen: 0.447 ng
RT: 12.01 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:142 Resp: 14036

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.9	107.9
115	35.2	28.8	43.2



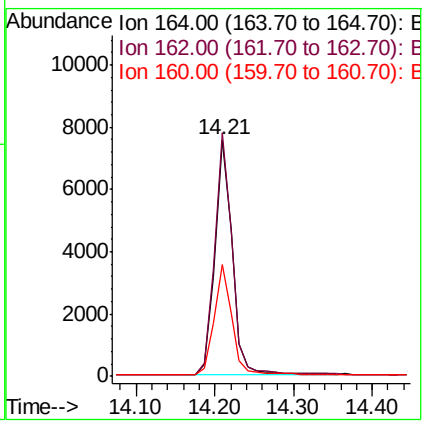


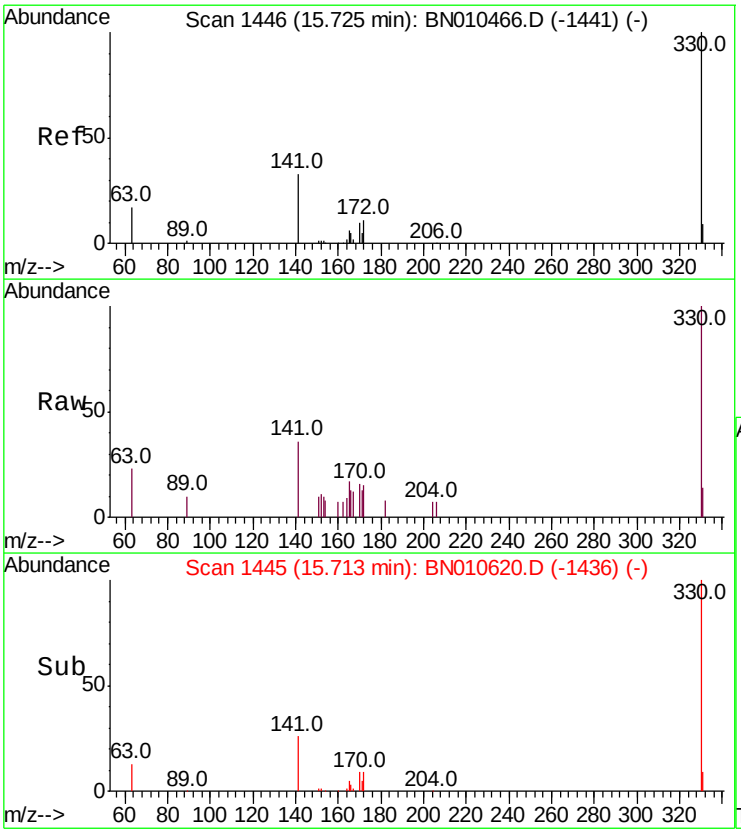
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:164 Resp: 11623

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	121.0
160	47.5	36.5	54.7

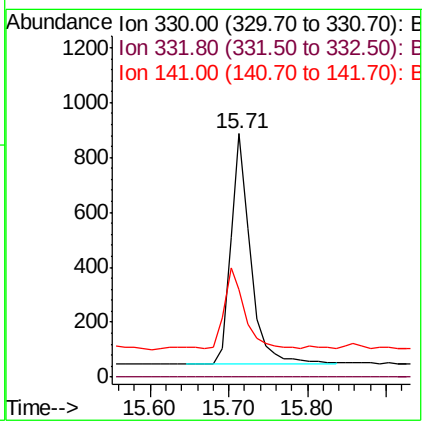


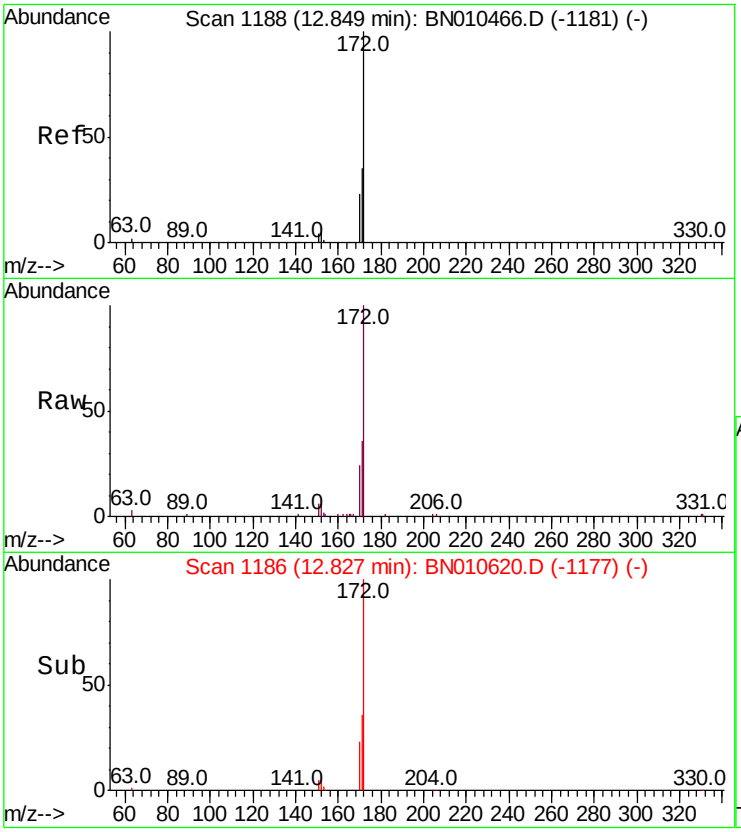


#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:330 Resp: 1477

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.1	28.1	42.1



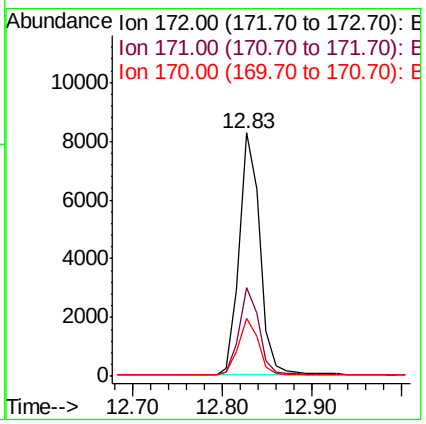


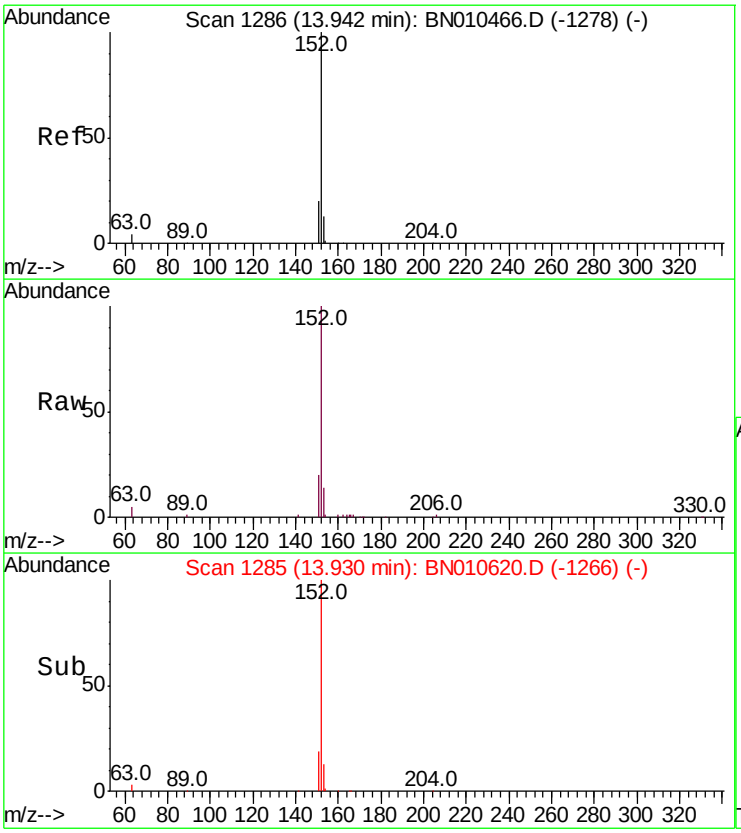
#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.83 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:172 Resp: 13294

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.2	42.2
170	23.9	18.4	27.6

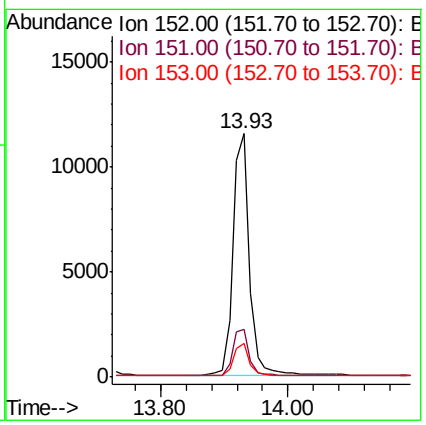


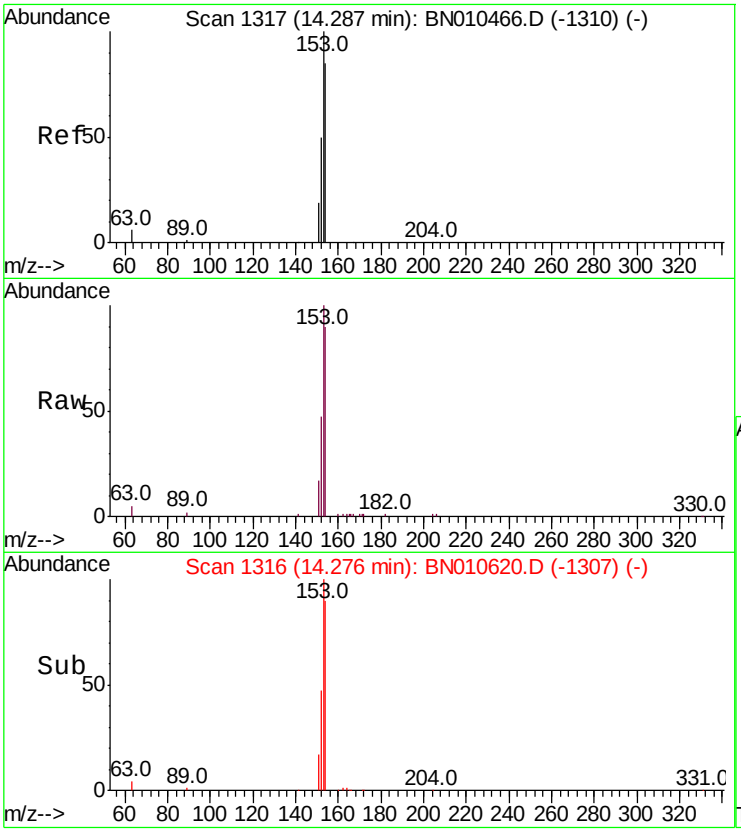


#16
Acenaphthylene
Concen: 0.414 ng
RT: 13.93 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:152 Resp: 20778

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.6	15.8



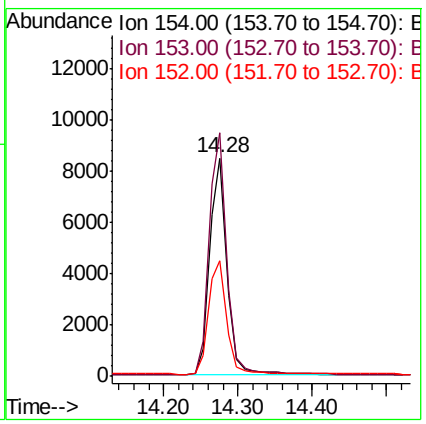


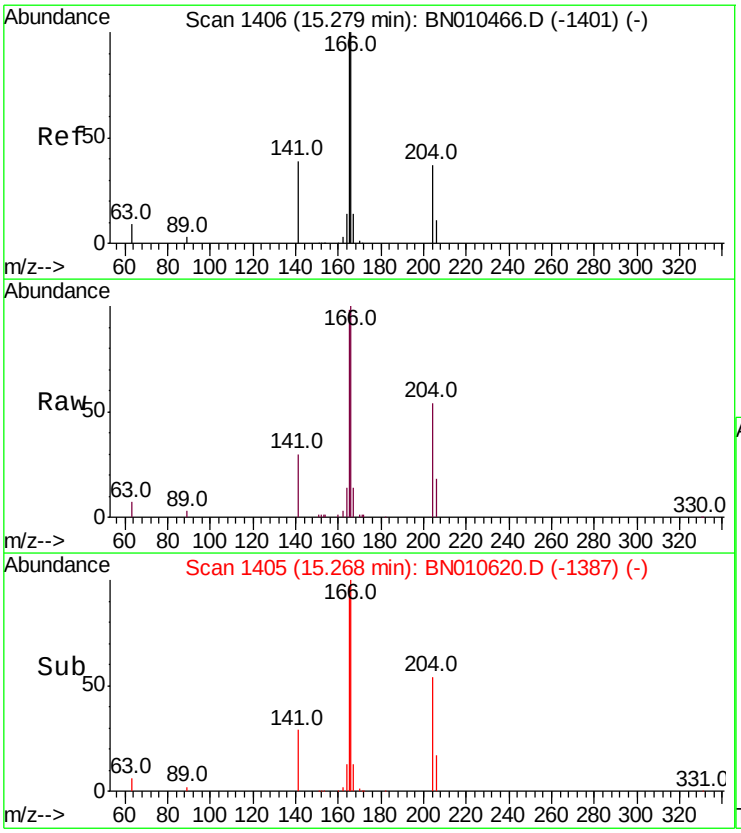
#17
Acenaphthene
Concen: 0.420 ng
RT: 14.28 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:154 Resp: 13564

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.0	136.4
152	55.1	44.6	67.0

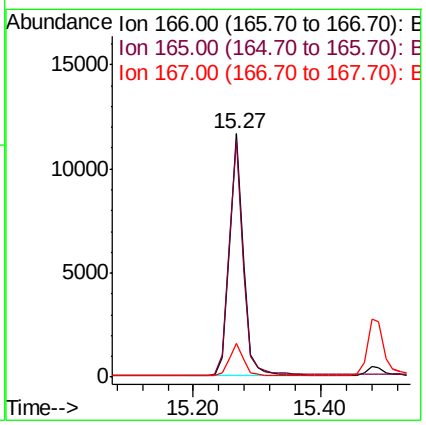


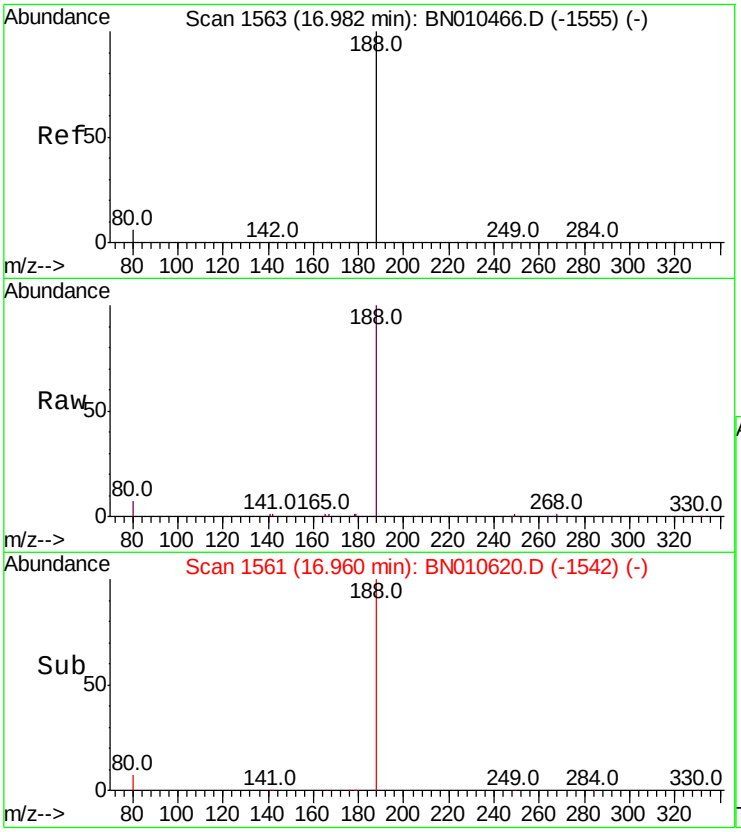


#18
Fluorene
Concen: 0.420 ng
RT: 15.27 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:166 Resp: 17738

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



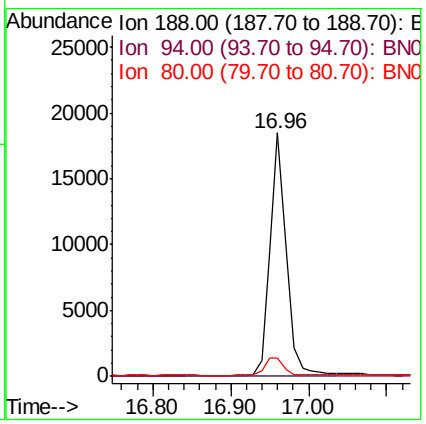


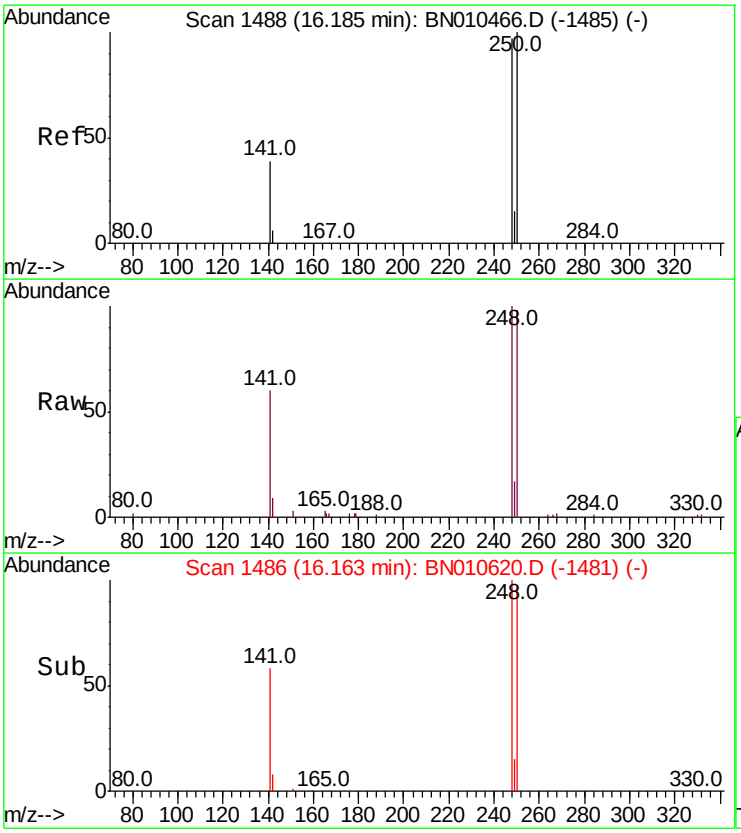
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:188 Resp: 26819

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	5.0	7.6

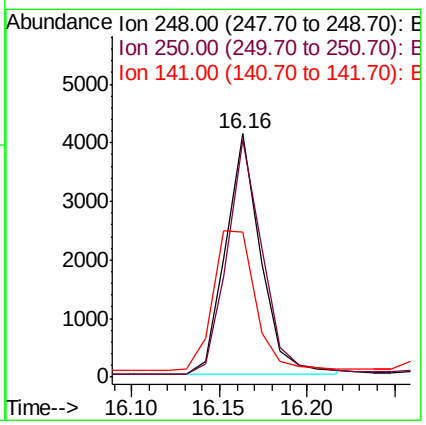


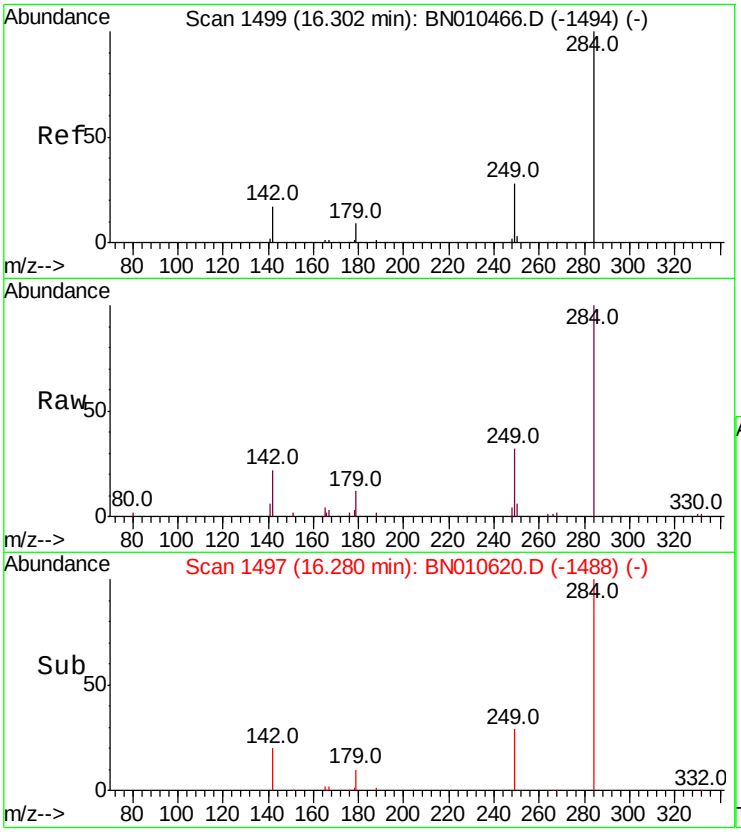


#20
4-Bromophenyl-phenylether
Concen: 0.378 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:248 Resp: 5630

Ion	Ratio	Lower	Upper
248	100		
250	97.7	82.3	123.5
141	59.6	35.2	52.8#



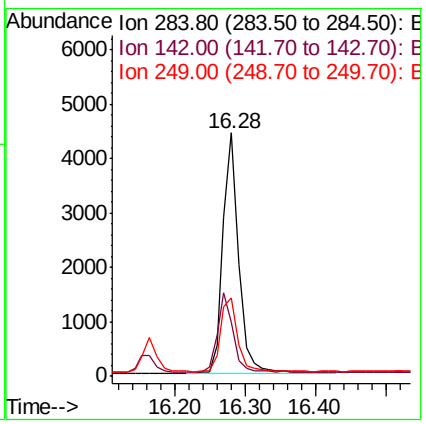


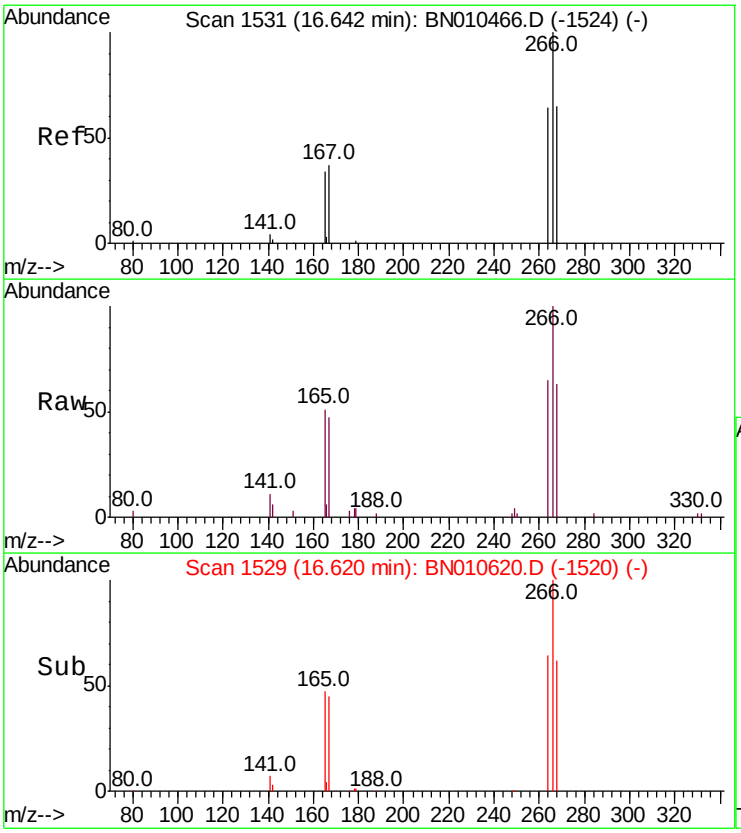
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.28 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:284 Resp: 6866

Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.5	38.3
249	32.8	25.8	38.6

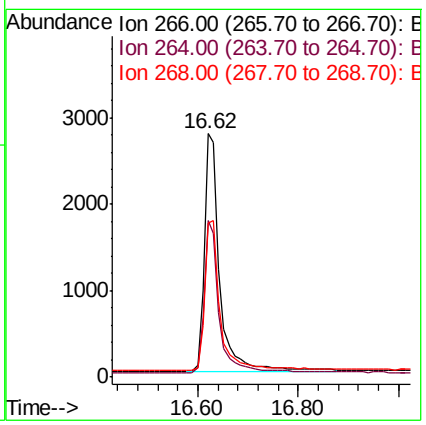


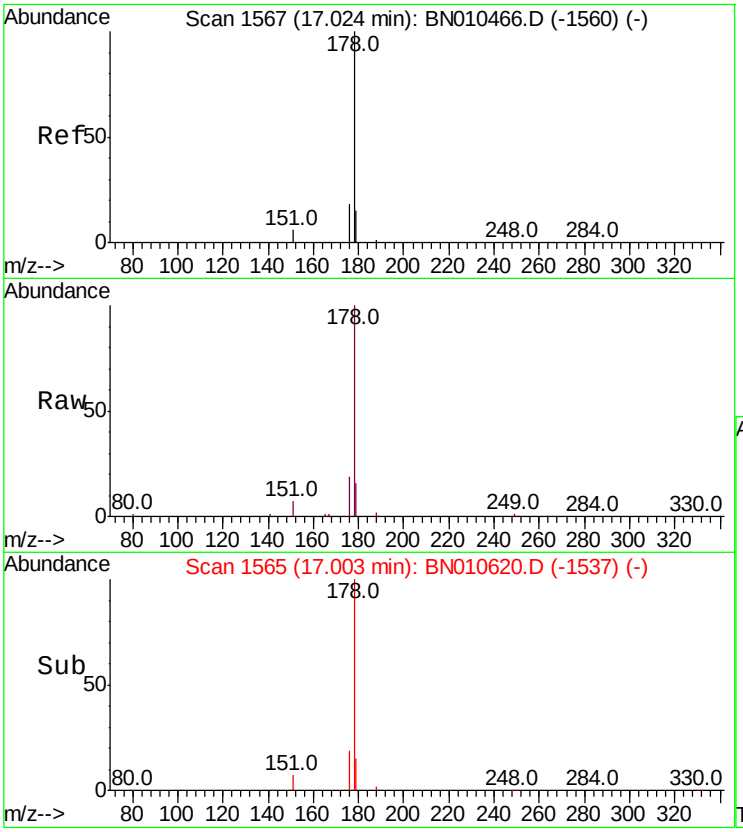


#22
Pentachlorophenol
Concen: 0.904 ng
RT: 16.62 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:266 Resp: 6045

Ion	Ratio	Lower	Upper
266	100		
264	64.6	51.8	77.6
268	63.1	53.7	80.5



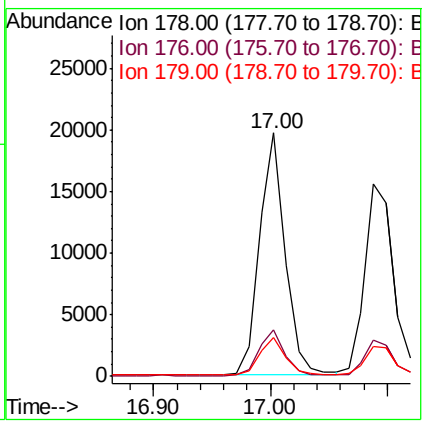


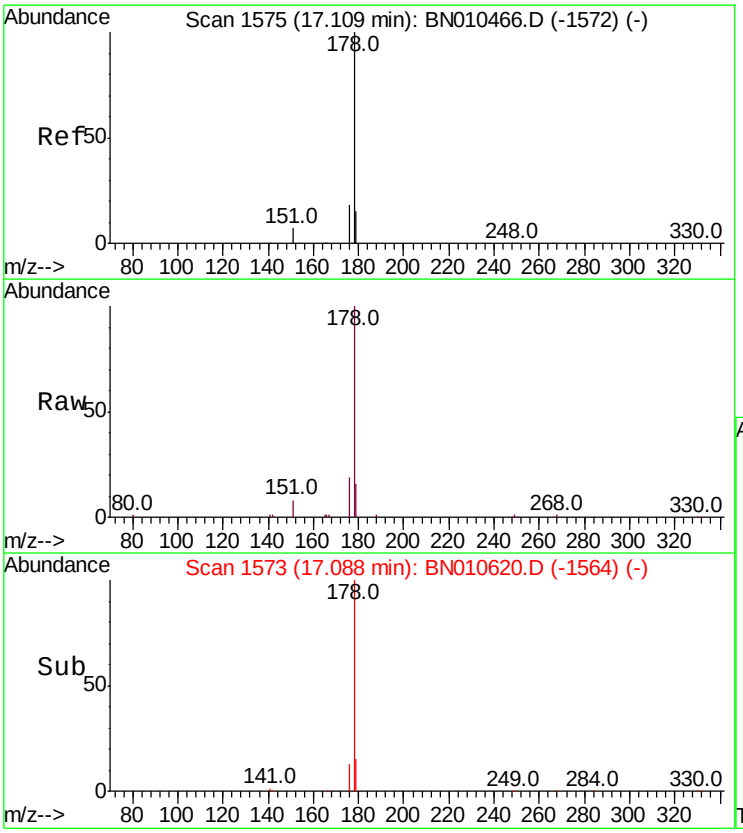
#23
Phenanthrene
Concen: 0.415 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:178 Resp: 30050

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.4	12.6	18.8

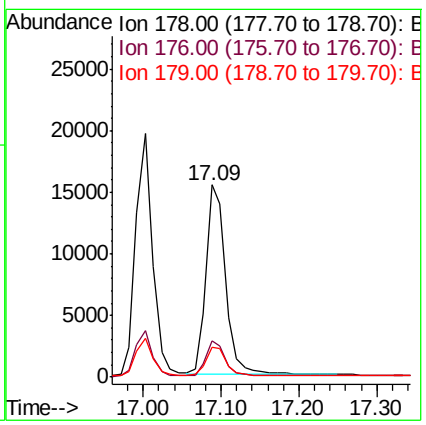


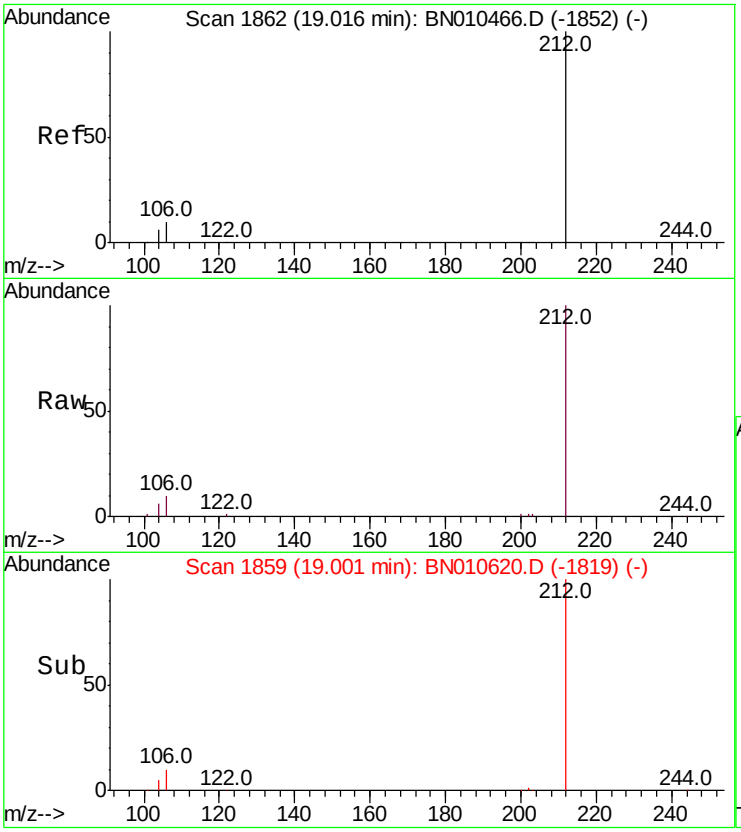


#24
Anthracene
Concen: 0.408 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:178 Resp: 27037

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.4	12.2	18.2



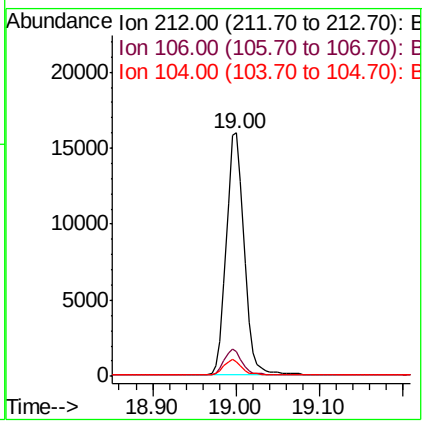


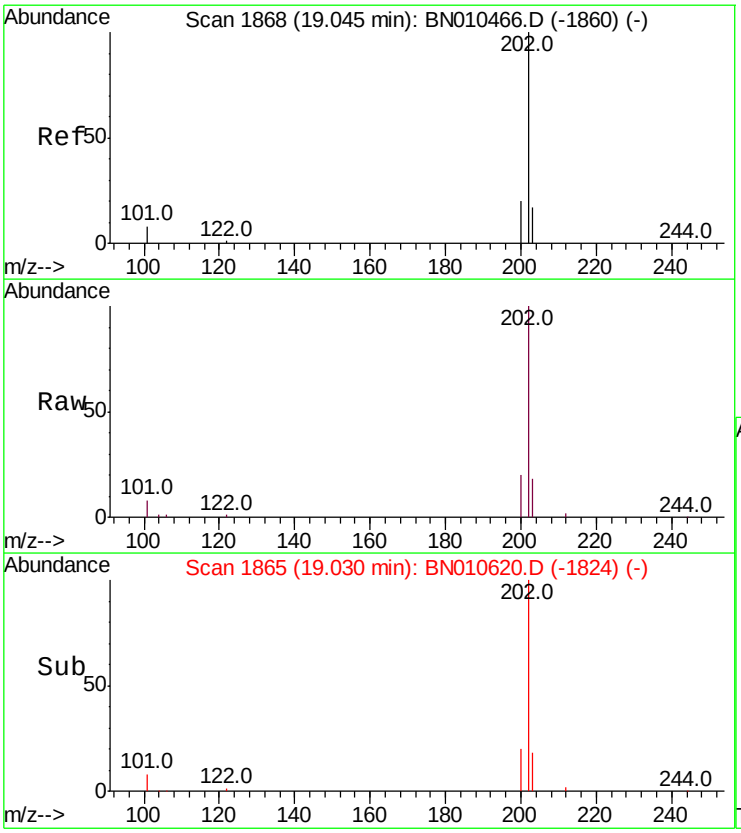
#25
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.00 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:212 Resp: 23876

Ion	Ratio	Lower	Upper
212	100		
106	10.4	7.8	11.6
104	5.9	4.5	6.7

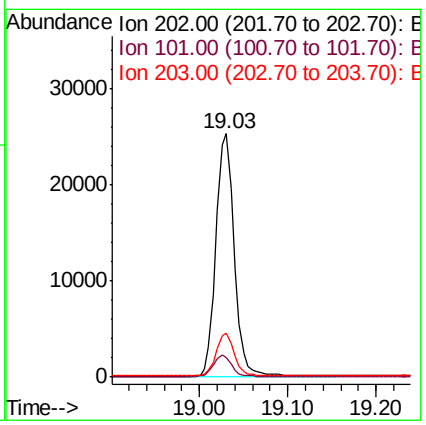


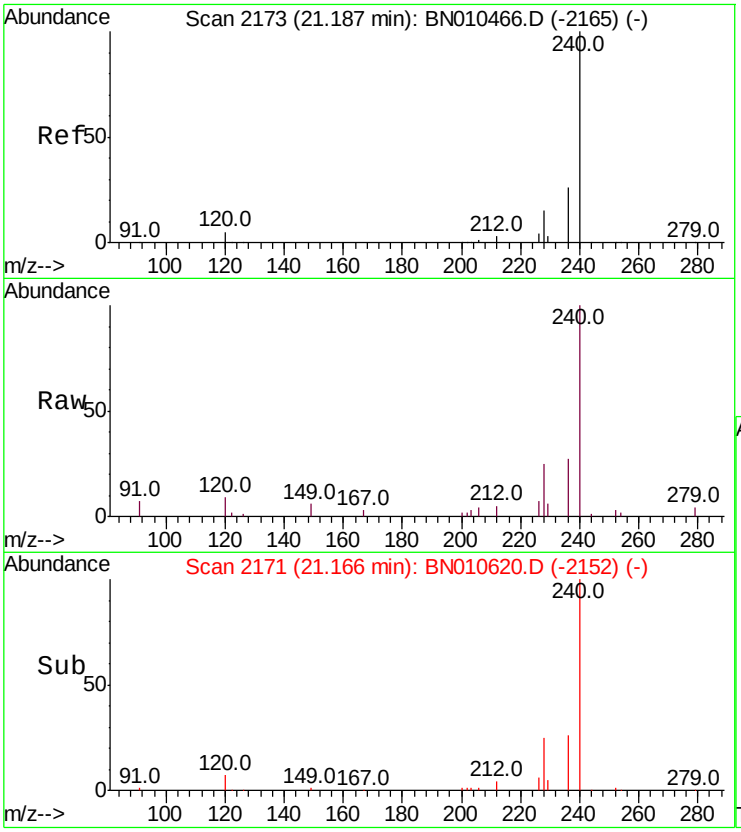


#26
Fluoranthene
Concen: 0.402 ng
RT: 19.03 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:202 Resp: 36260

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.9	10.3
203	17.2	13.9	20.9



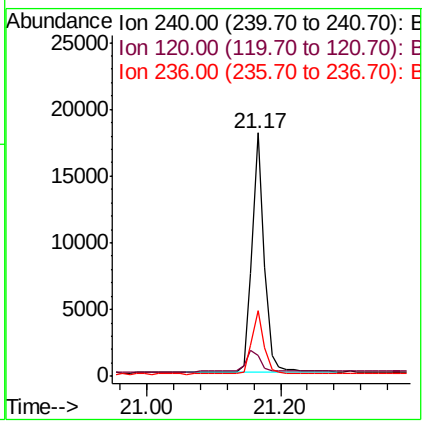


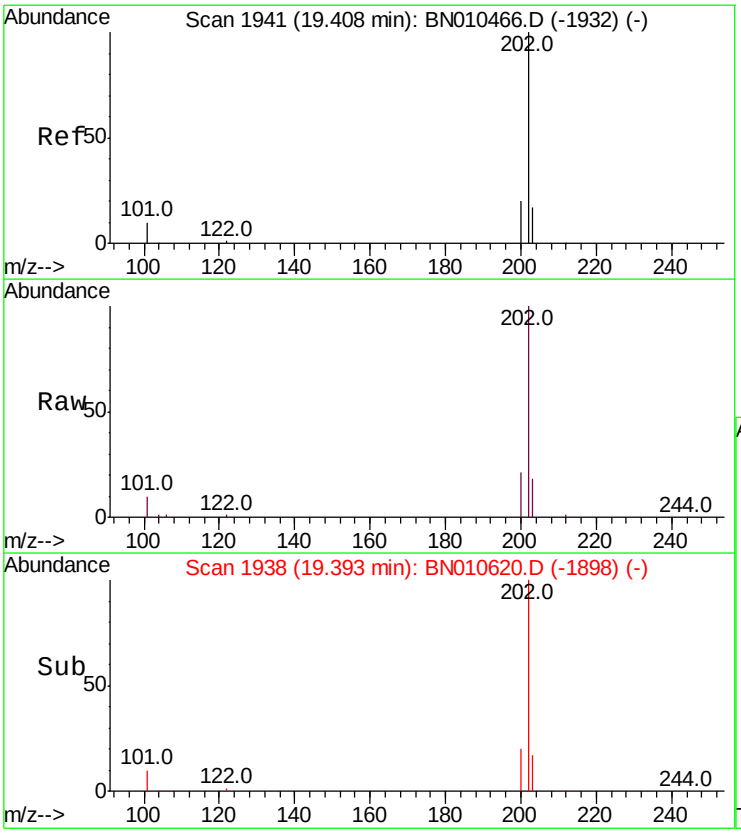
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:240 Resp: 23465

Ion	Ratio	Lower	Upper
240	100		
120	8.7	4.8	7.2#
236	26.7	21.4	32.0

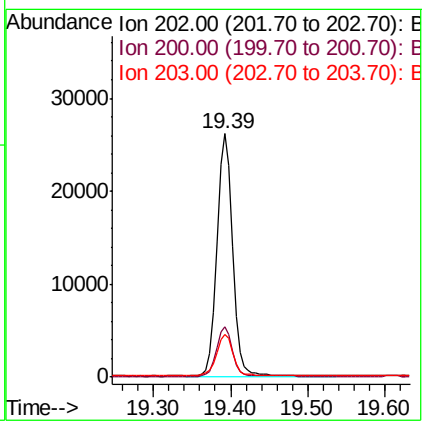


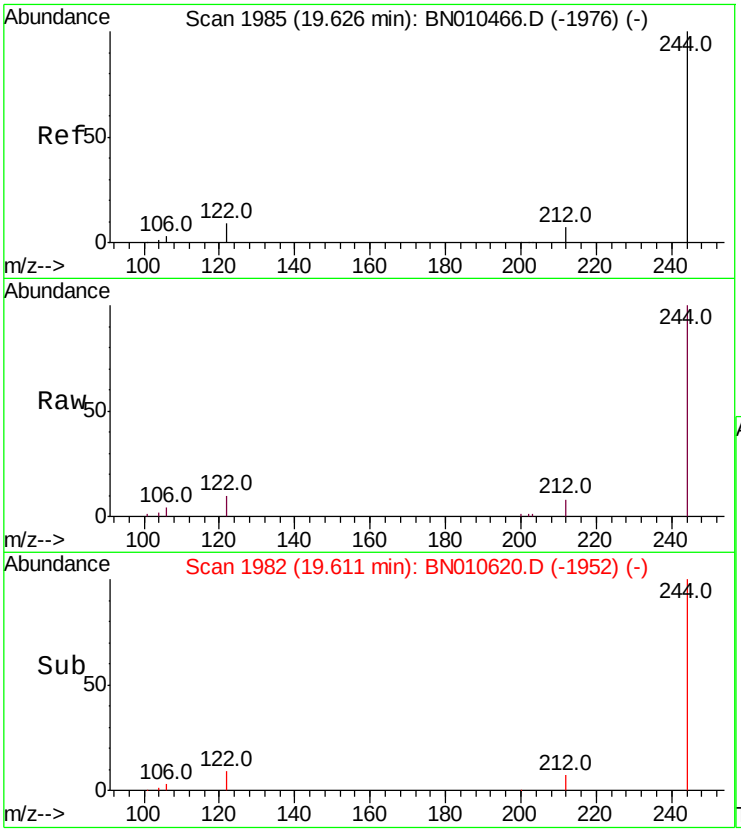


#28
Pyrene
Concen: 0.464 ng
RT: 19.39 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:202 Resp: 36670

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



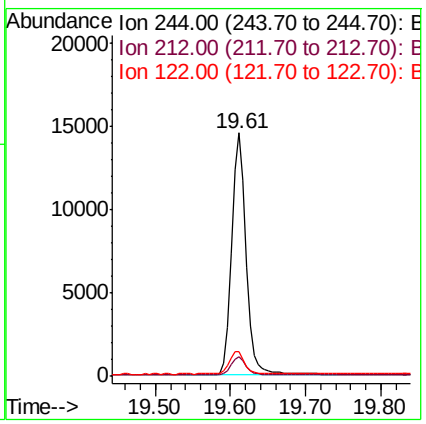


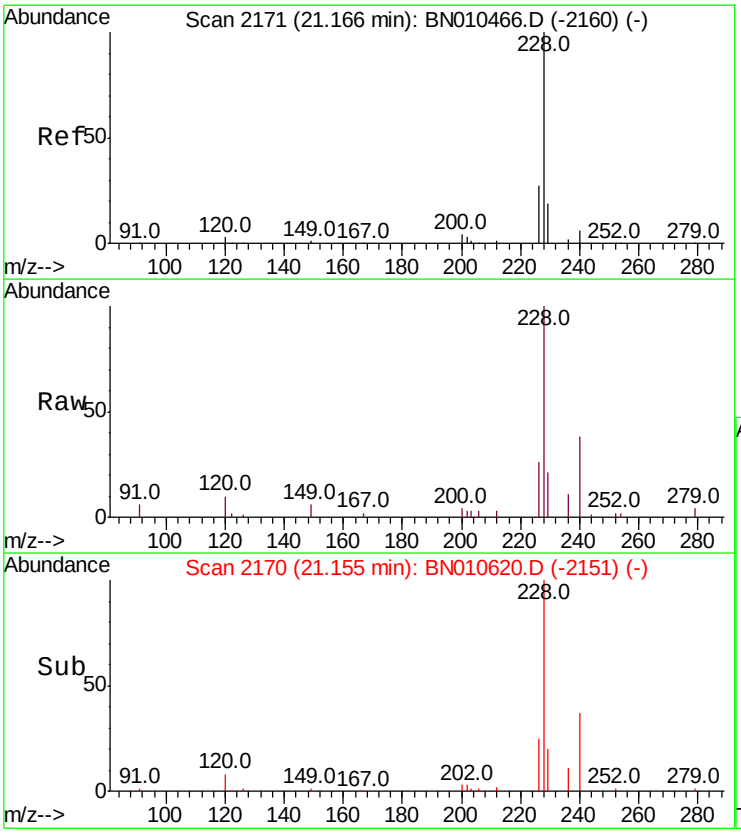
#29
Terphenyl-d14
Concen: 0.354 ng
RT: 19.61 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:244 Resp: 18999

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	10.0	7.8	11.8

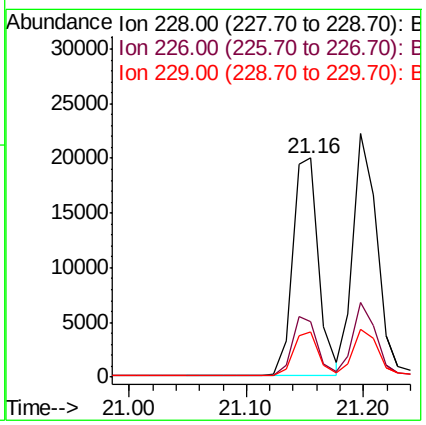


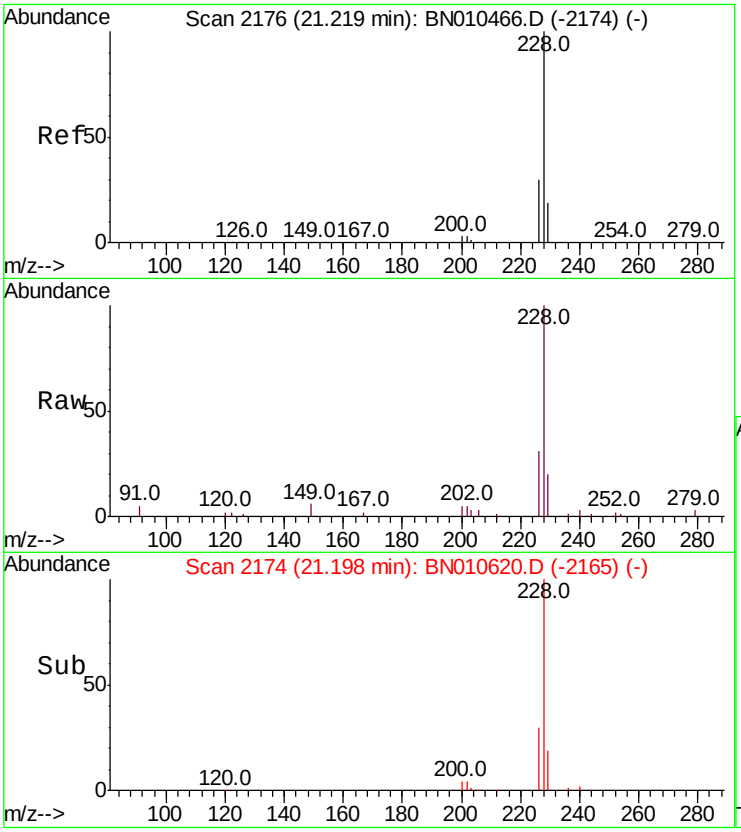


#30
Benzo(a)anthracene
Concen: 0.403 ng
RT: 21.16 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:228 Resp: 30859

Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.7	32.5
229	20.7	15.6	23.4



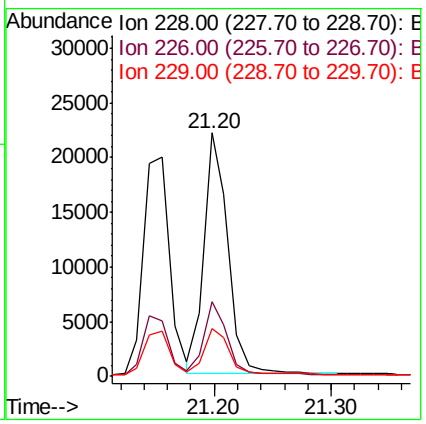


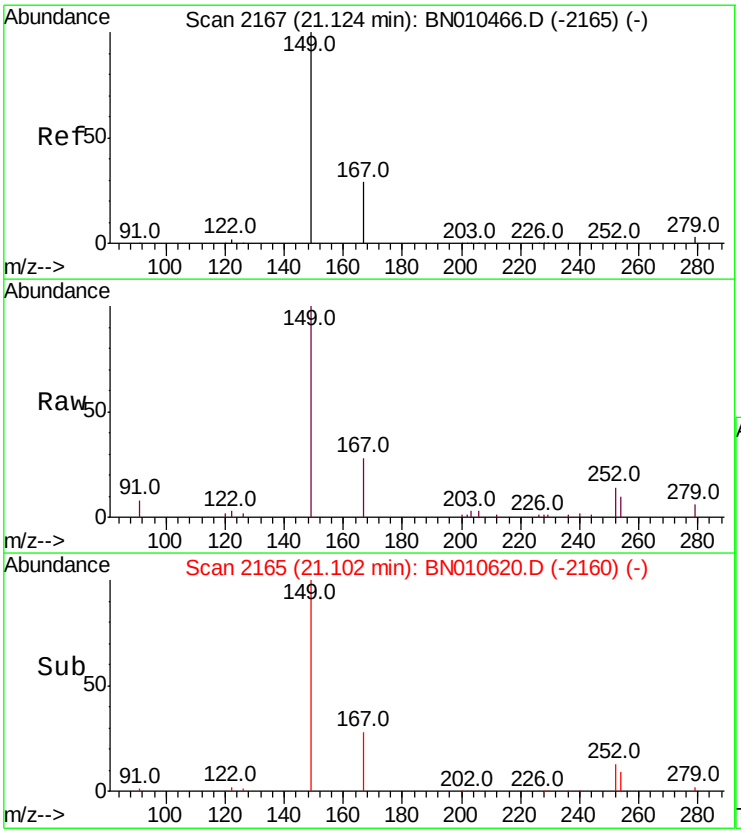
#31
Chrysene
Concen: 0.409 ng
RT: 21.20 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:228 Resp: 31199

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.9	15.8	23.6

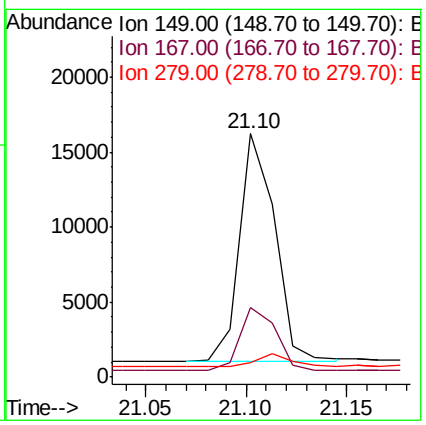


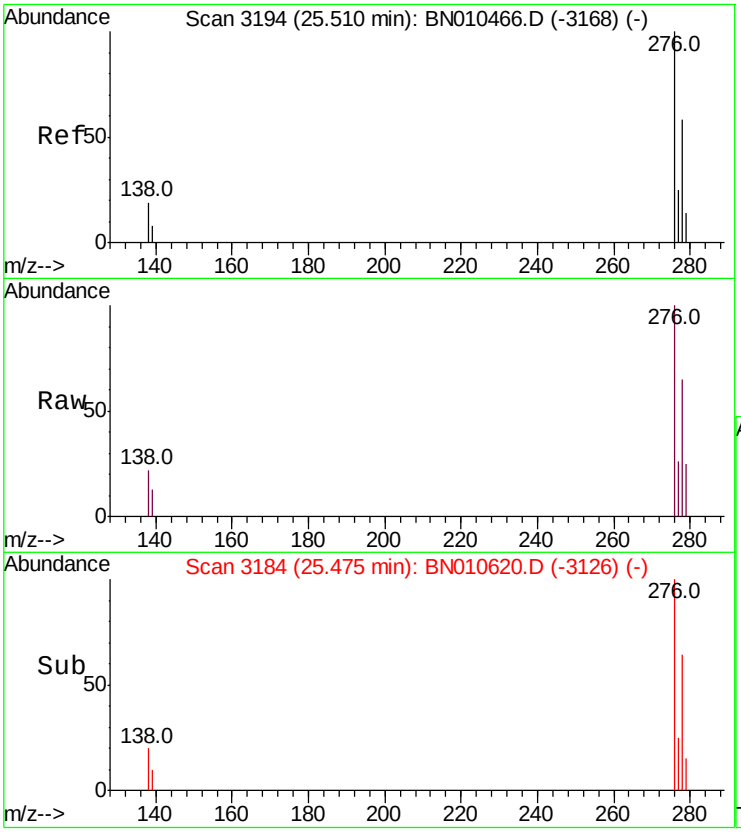


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.476 ng
RT: 21.10 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:149 Resp: 18707

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.4	35.0
279	5.6	4.0	6.0



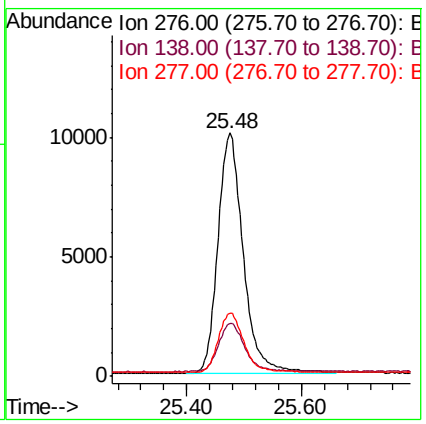


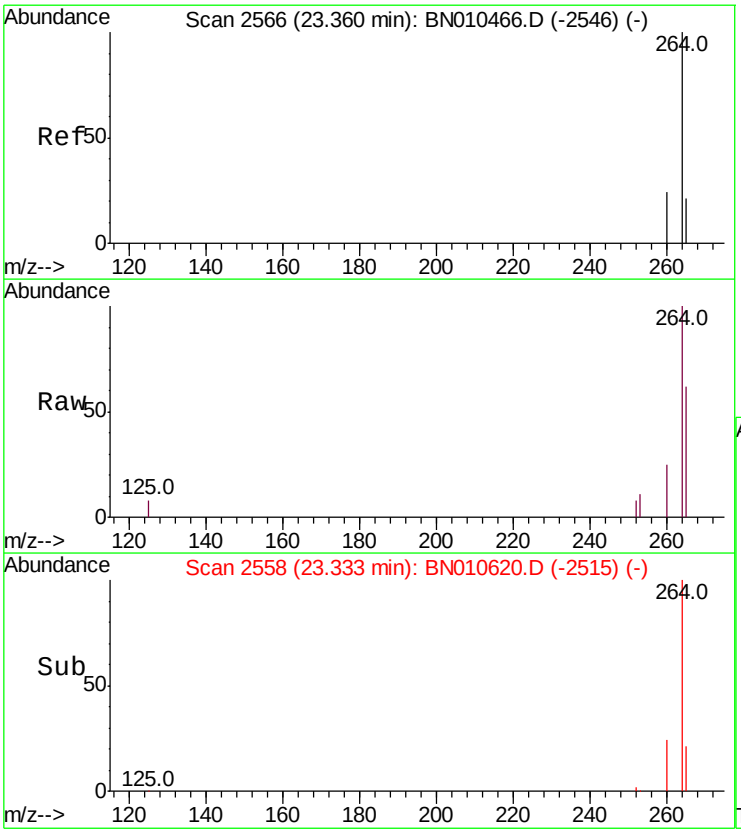
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng
RT: 25.48 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:276 Resp: 31207

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.4	24.6
277	24.6	19.8	29.6

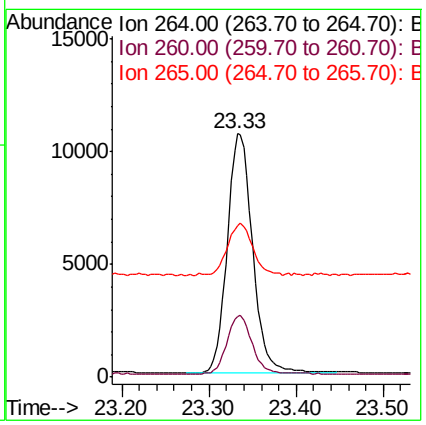


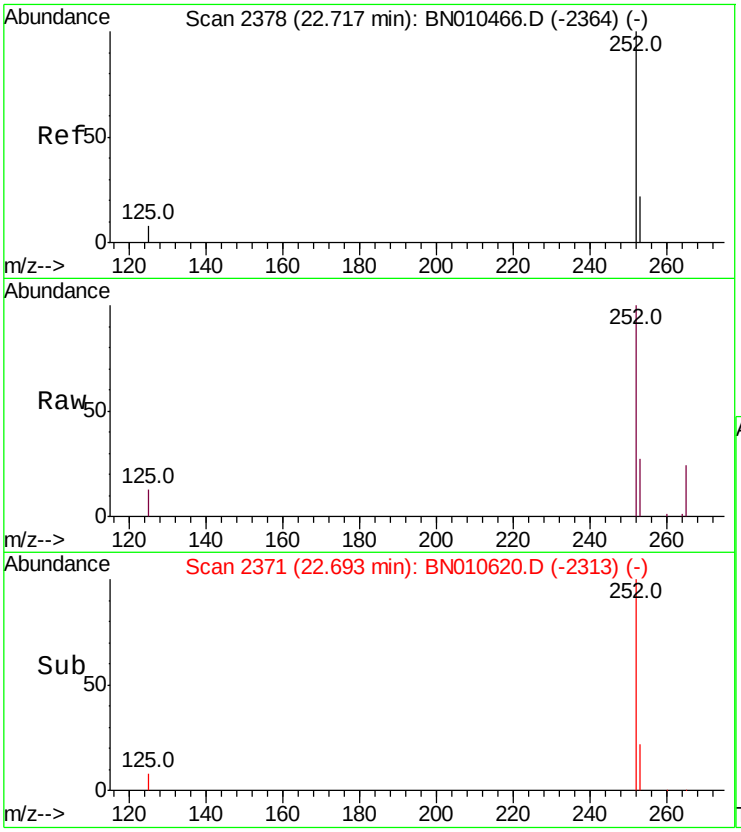


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:264 Resp: 21561

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	62.2	42.3	63.5



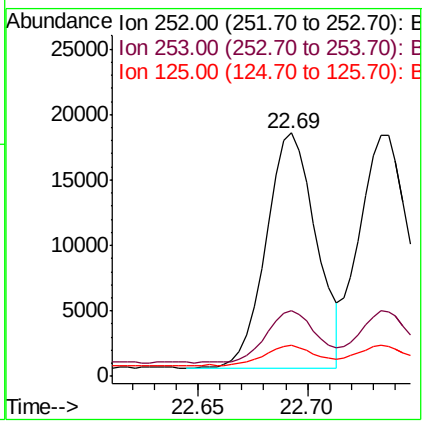


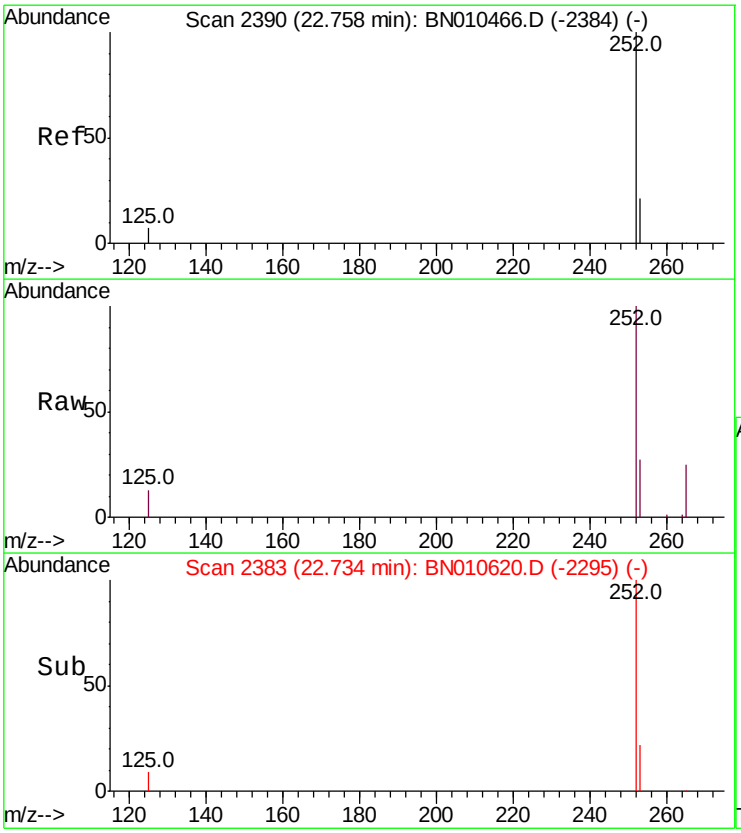
#35
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 22.69 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:252 Resp: 28506

Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.2	30.4
125	12.7	9.2	13.8

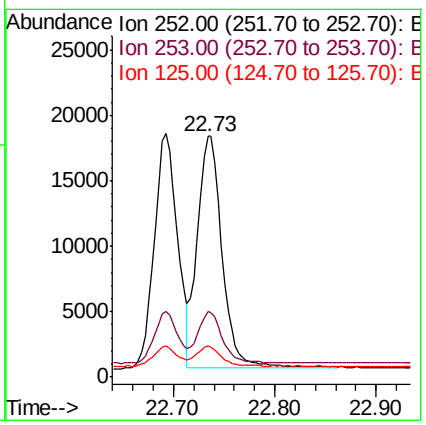


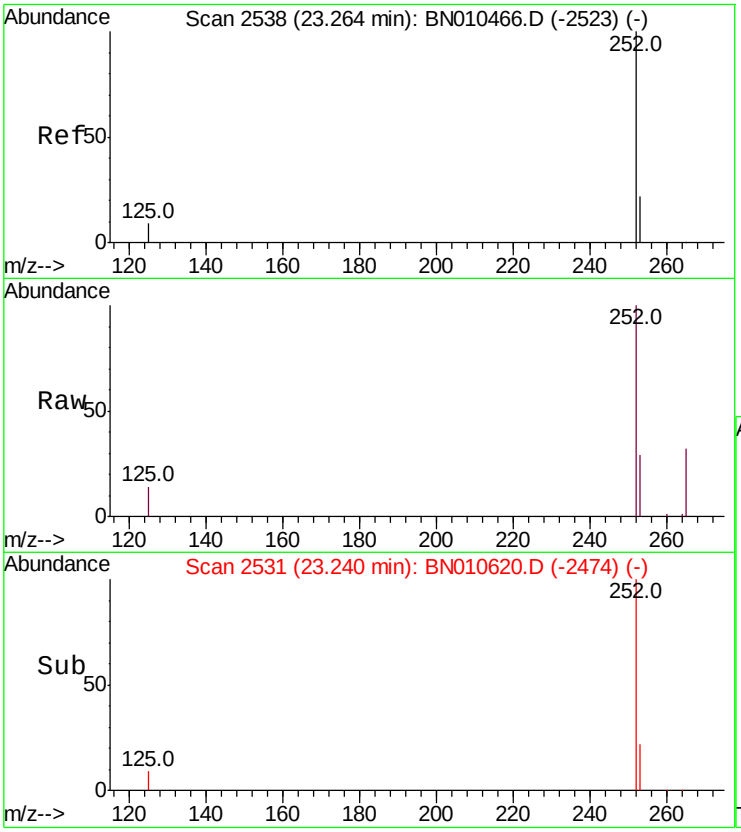


#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 22.73 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:252 Resp: 29863

Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.1	30.1
125	12.9	9.6	14.4



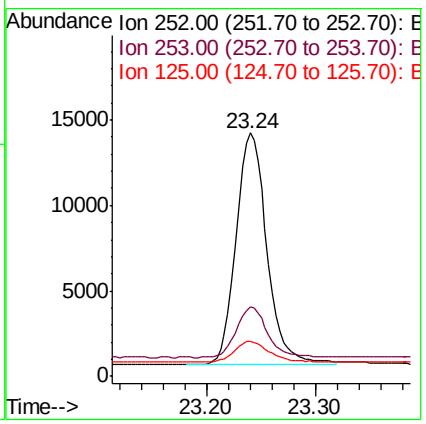


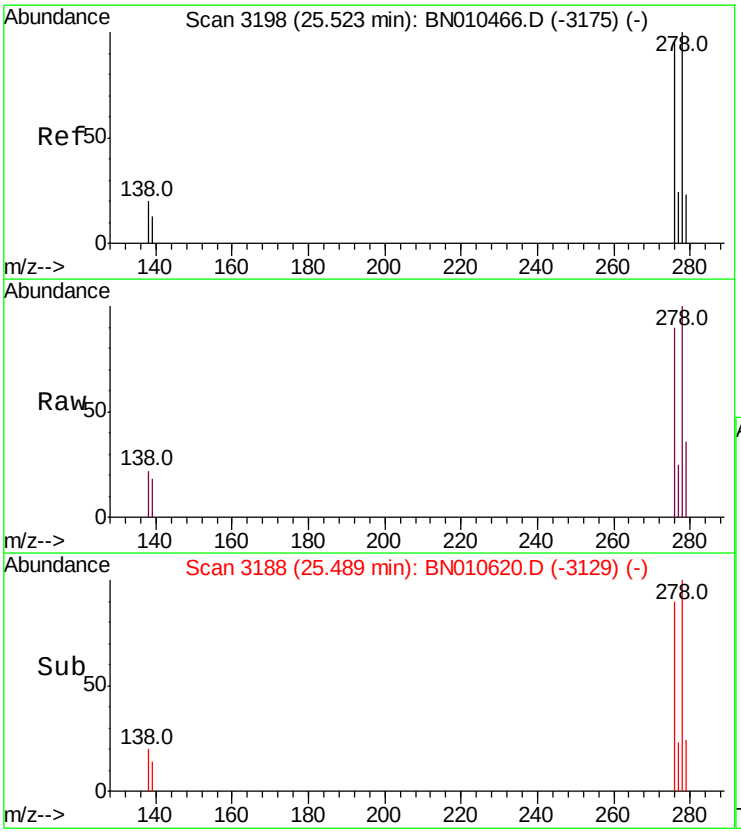
#37
Benzo(a)pyrene
Concen: 0.426 ng
RT: 23.24 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:252 Resp: 26746

Ion	Ratio	Lower	Upper
252	100		
253	28.7	21.8	32.8
125	14.2	11.0	16.6

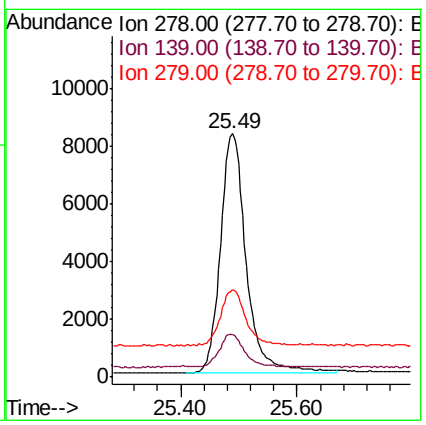


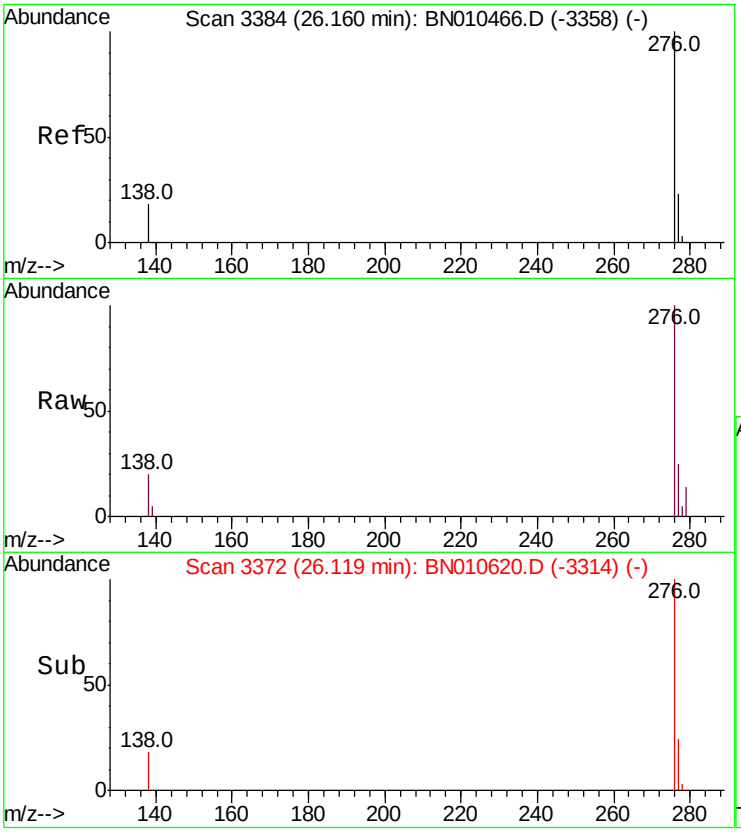


#38
Dibenzo(a,h)anthracene
Concen: 0.445 ng
RT: 25.49 min Scan# 3188
Delta R.T. 0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Tgt Ion:278 Resp: 25559

Ion	Ratio	Lower	Upper
278	100		
139	17.5	12.3	18.5
279	36.1	21.9	32.9#





#39
Benzo(g,h,i)perylene
Concen: 0.463 ng
RT: 26.12 min Scan# 3372
Delta R.T. -0.00 min
Lab File: BN010620.D
Acq: 28 Apr 2020 10:42

Instrument :
BNA_N
ClientSampleId :
PB128436BS

Tgt Ion:276 Resp: 26767

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.2	30.2
138	20.1	15.4	23.2