Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010633.D
Acq On : 28 Apr 2020 21:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 28 21:46:10 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	4259	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	18052	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	11409	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	25903	0.40	ng		0.00
27) Chrysene-d12	21.16	240	21634	0.40	ng		0.00
34) Perylene-d12	23.33	264	20157	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	3969	0.43	ng		0.00
5) Phenol-d6	6.78	99	5186	0.43	ng		0.00
8) Nitrobenzene-d5	8.72	82	5064	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	13602	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1845	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	16688	0.40	ng		0.00
25) Fluoranthene-d10	18.99	212	33160	0.42	ng		0.00
29) Terphenyl-d14	19.61	244	22574	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1354	0.432	ng		99
3) n-Nitrosodimethylamine	3.55	42	880	0.433	ng	#	78
6) bis(2-Chloroethyl)ether	7.03	93	4446	0.421	ng		98
9) Naphthalene	10.39	128	18408	0.411	ng		99
10) Hexachlorobutadiene	10.70	225	4333	0.401	ng	#	100
12) 2-Methylnaphthalene	12.01	142	13216	0.410	ng		100
16) Acenaphthylene	13.92	152	18700	0.379	ng		100
17) Acenaphthene	14.27	154	12949	0.409	ng		100
18) Fluorene	15.26	166	16777	0.404	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	5526	0.384	ng	#	74
21) Hexachlorobenzene	16.27	284	6800	0.414	ng		98
22) Pentachlorophenol	16.62	266	2041	0.316	ng		99
23) Phenanthrene	17.00	178	28350	0.405	ng		100
24) Anthracene	17.09	178	23846	0.373	ng		100
26) Fluoranthene	19.03	202	32952	0.378	ng		99
28) Pyrene	19.39	202	33168	0.455	ng		100
30) Benzo(a)anthracene	21.14	228	27086	0.384	ng		99
31) Chrysene	21.20	228	28332	0.403	ng		99
32) Bis(2-ethylhexyl)phthalate	21.10	149	13605	0.376	ng		100
33) Indeno(1,2,3-cd)pyrene	25.47	276	29078	0.468	ng		99
35) Benzo(b)fluoranthene	22.69	252	25956	0.391	ng		99
36) Benzo(k)fluoranthene	22.73	252	27817	0.418	ng		97
37) Benzo(a)pyrene	23.24	252	23509	0.400	ng		99
38) Dibenzo(a,h)anthracene	25.48	278	23309	0.434	ng		99
39) Benzo(g,h,i)perylene	26.12	276	23753	0.439	ng		99

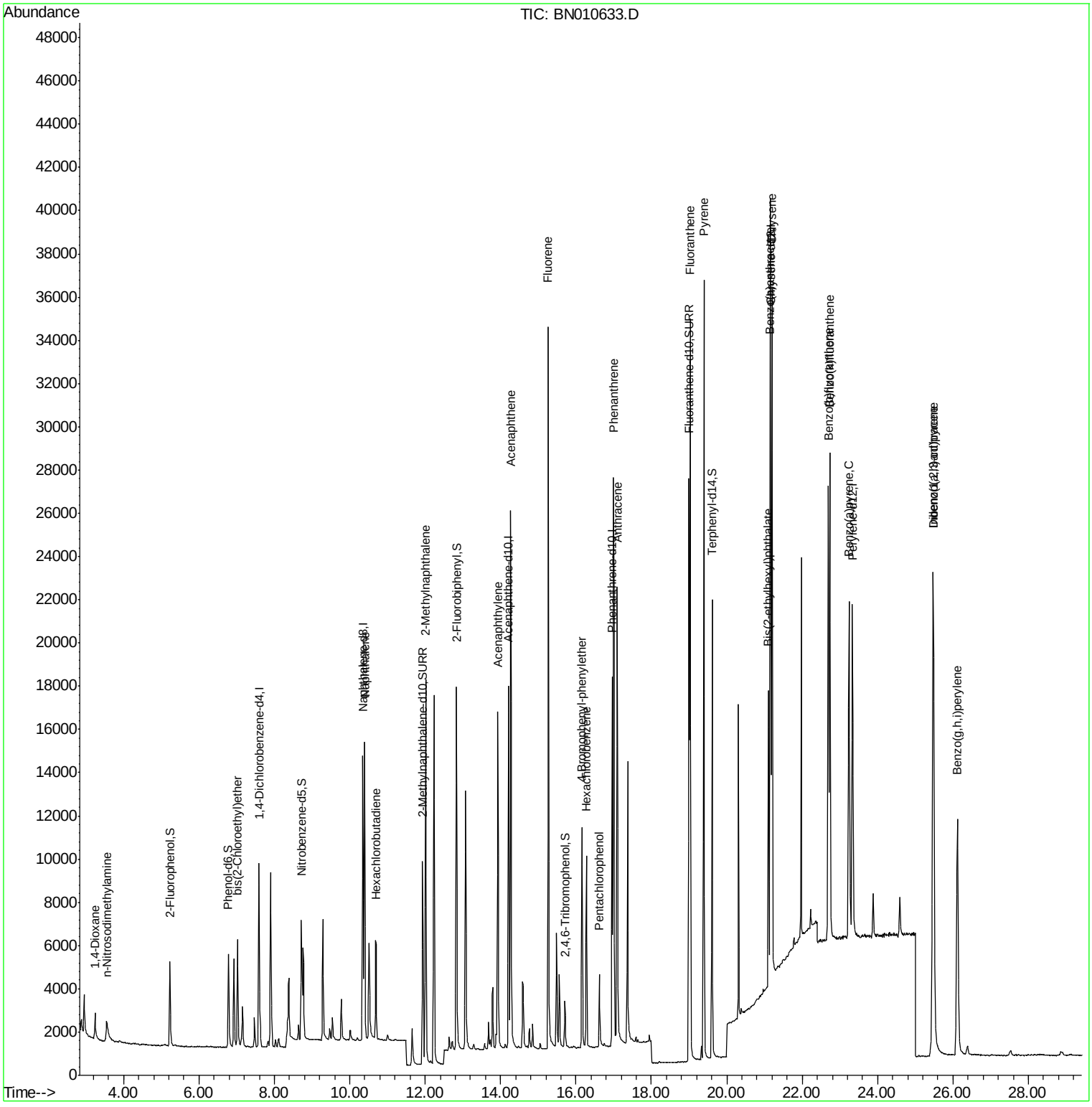
(#) = qualifier out of range (m) = manual integration (+) = signals summed

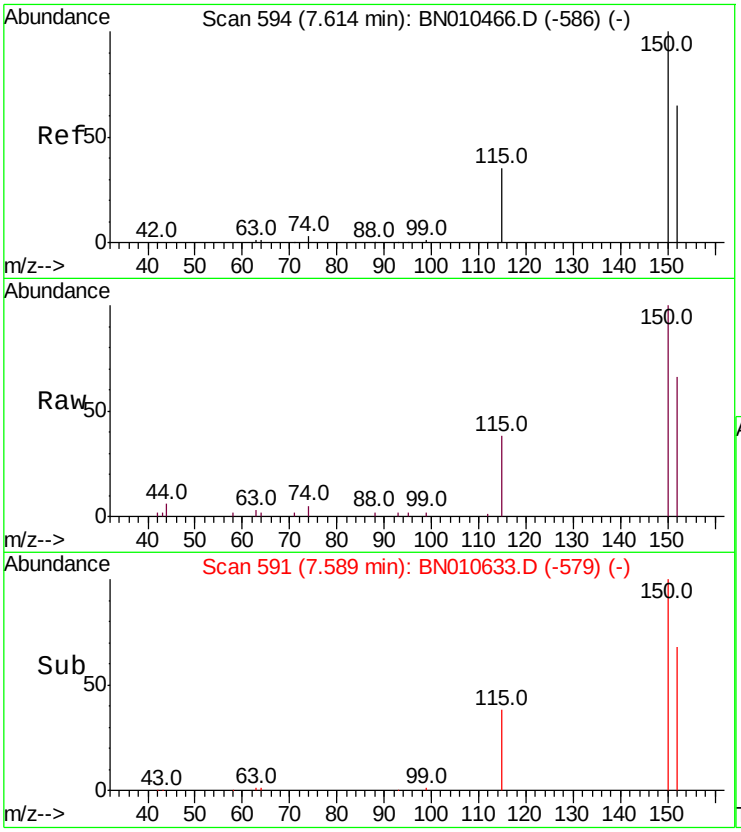
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010633.D
Acq On : 28 Apr 2020 21:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 28 21:46:10 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



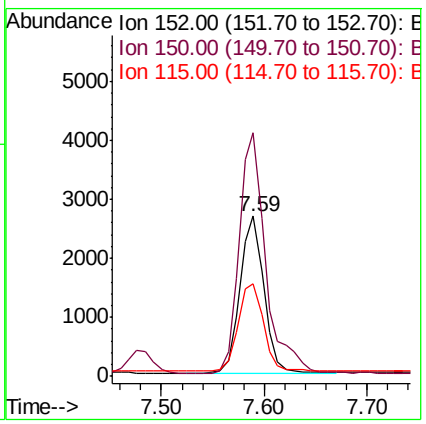


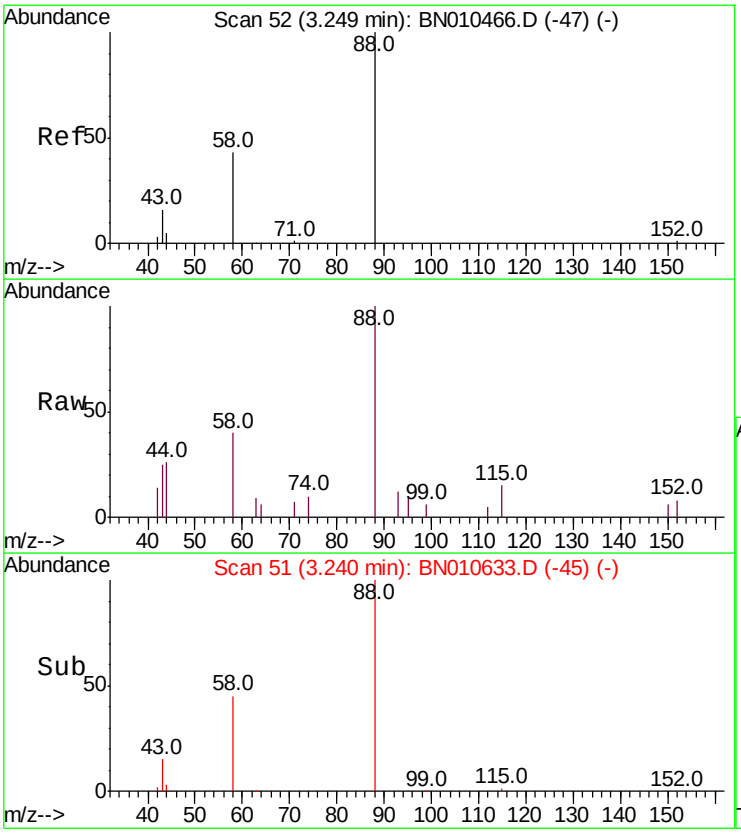
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4259

Ion	Ratio	Lower	Upper
152	100		
150	152.2	121.8	182.6
115	58.2	45.5	68.3

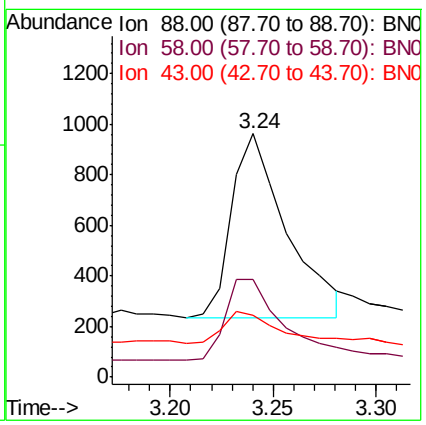


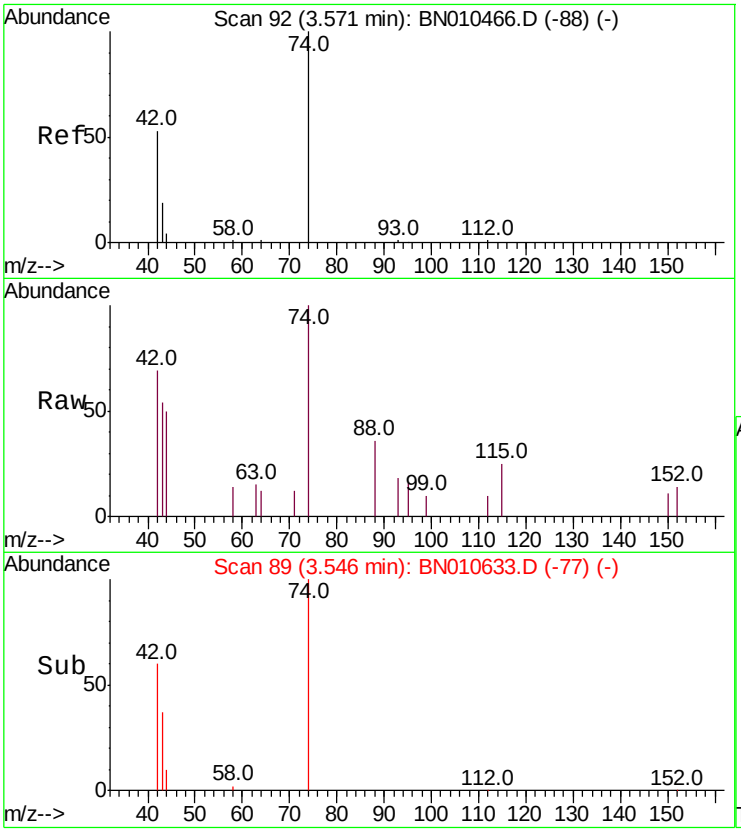


#2
1,4-Dioxane
Concen: 0.432 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion: 88 Resp: 1354

Ion	Ratio	Lower	Upper
88	100		
58	44.8	36.5	54.7
43	16.1	13.2	19.8



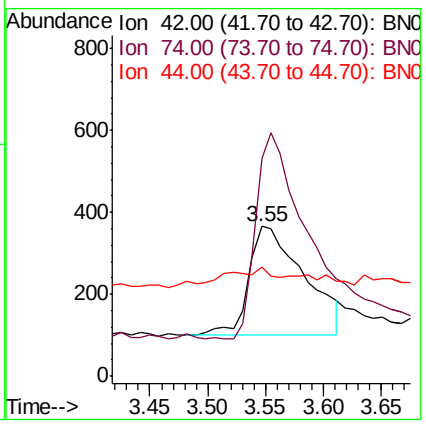


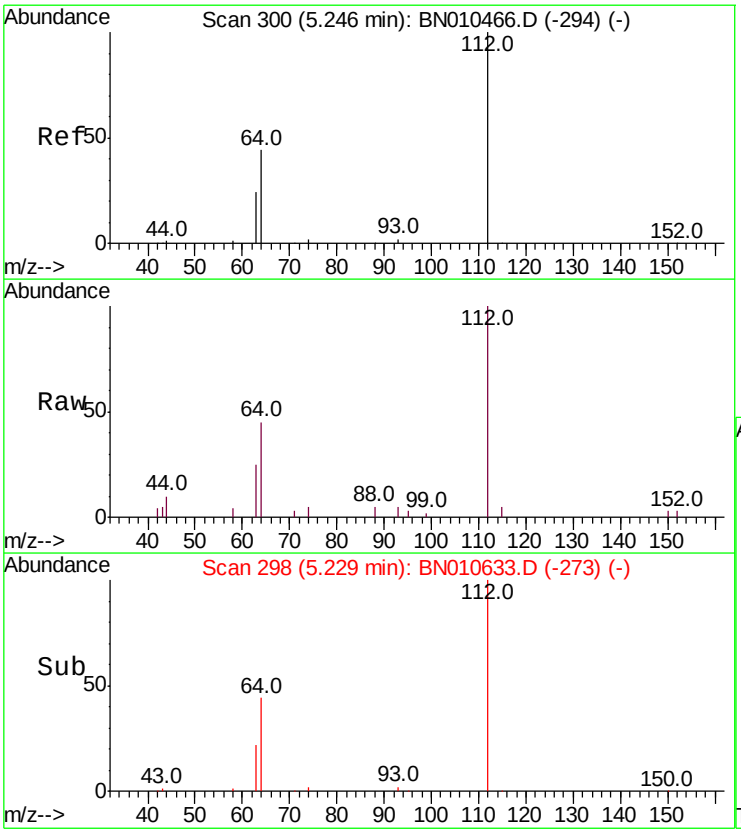
#3
n-Nitrosodimethylamine
Concen: 0.433 ng
RT: 3.55 min Scan# 89
Delta R.T. 0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 880

Ion	Ratio	Lower	Upper
42	100		
74	169.5	162.2	243.4
44	15.9	2.4	3.6#

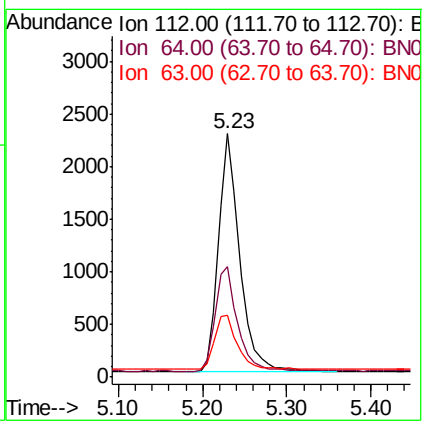


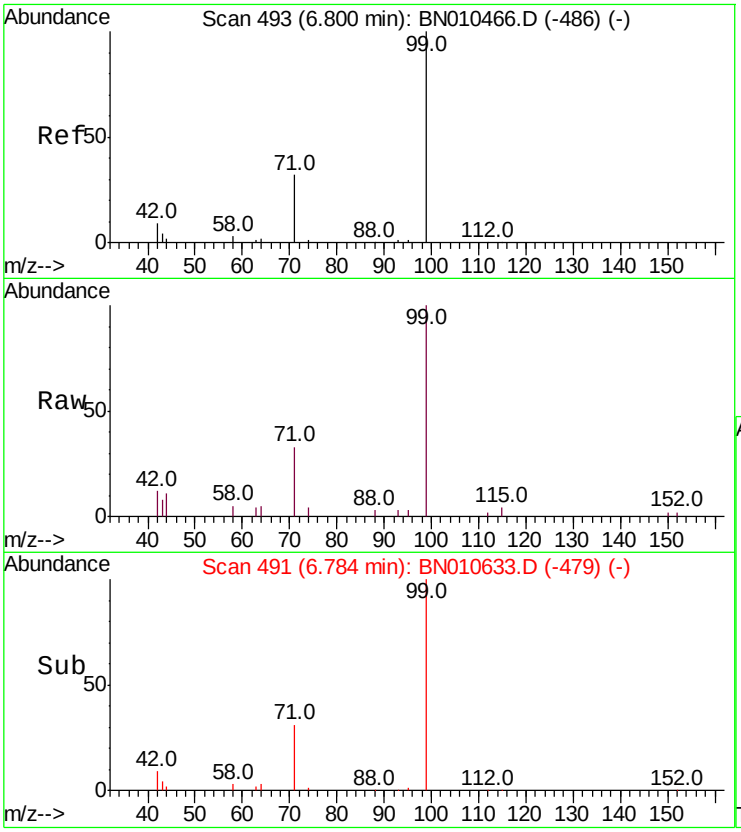


#4
2-Fluorophenol
Concen: 0.426 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:112 Resp: 3969

Ion	Ratio	Lower	Upper
112	100		
64	45.9	35.8	53.8
63	24.2	19.9	29.9



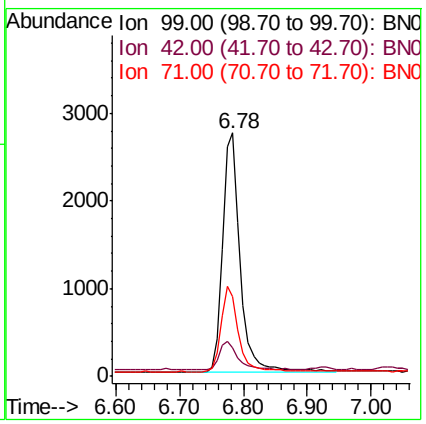


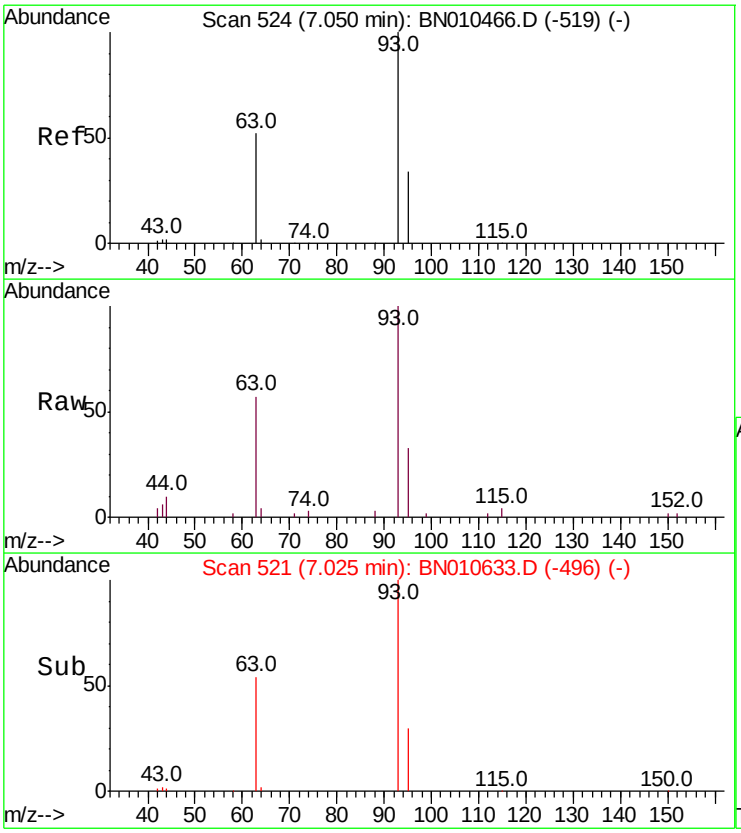
#5
Phenol-d6
Concen: 0.425 ng
RT: 6.78 min Scan# 491
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5186

Ion	Ratio	Lower	Upper
99	100		
42	12.2	9.8	14.6
71	34.7	27.8	41.8

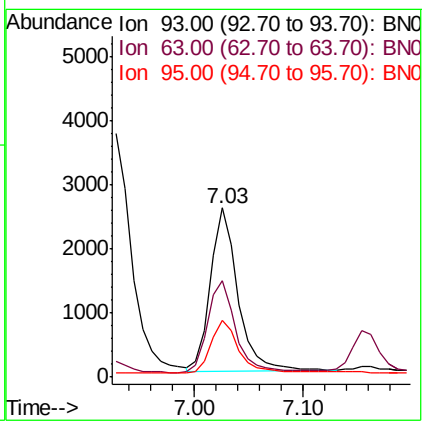


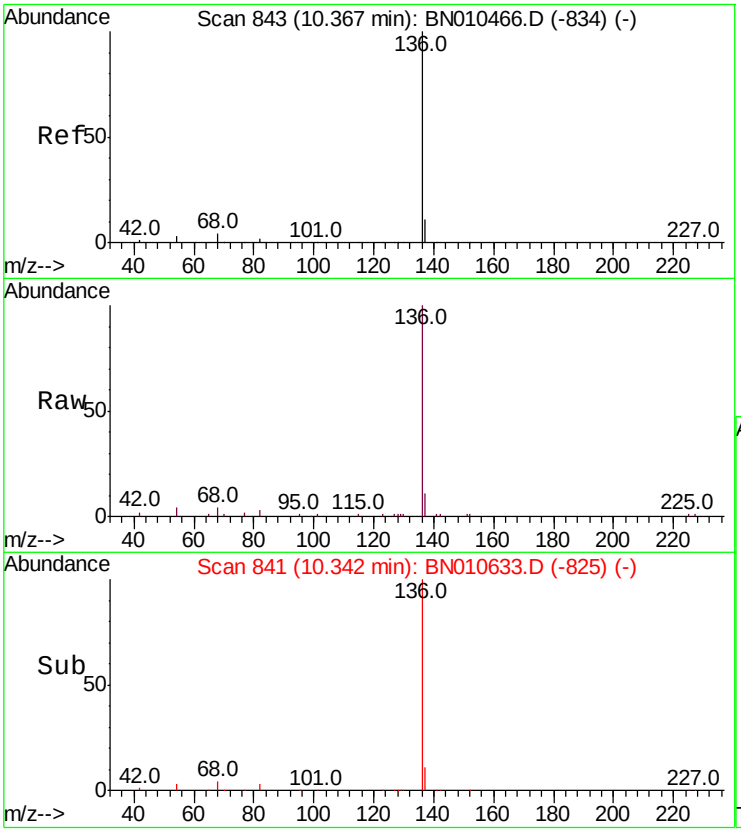


#6
bis(2-Chloroethyl)ether
Concen: 0.421 ng
RT: 7.03 min Scan# 521
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion: 93 Resp: 4446

Ion	Ratio	Lower	Upper
93	100		
63	57.1	44.6	66.8
95	32.5	26.5	39.7



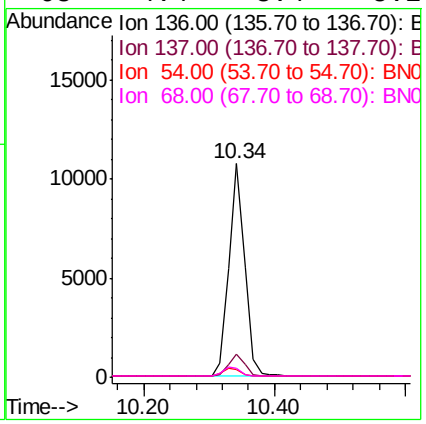


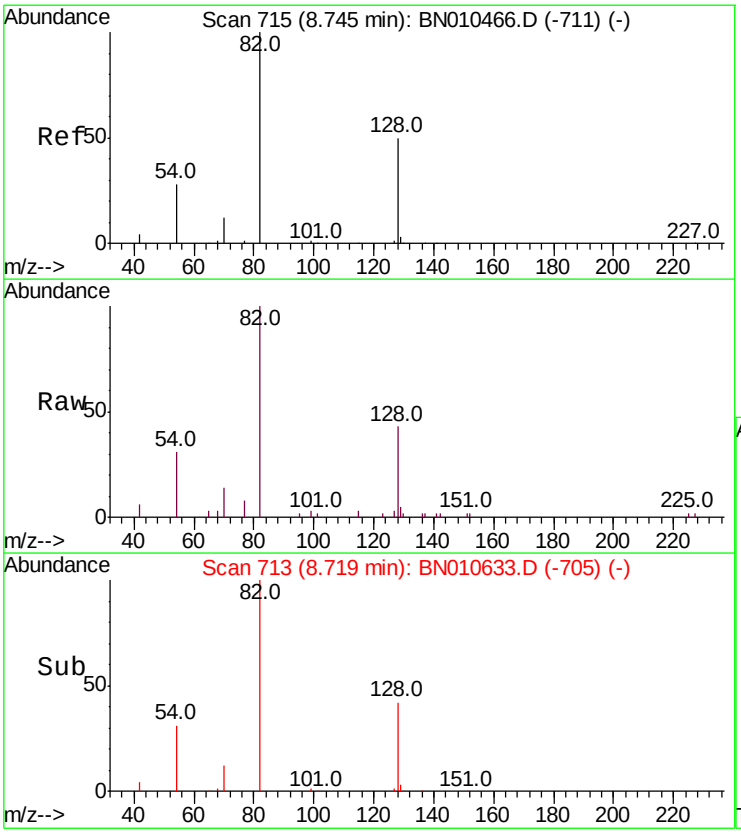
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 18052

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	3.7	2.6	4.0
68	4.4	3.4	5.2

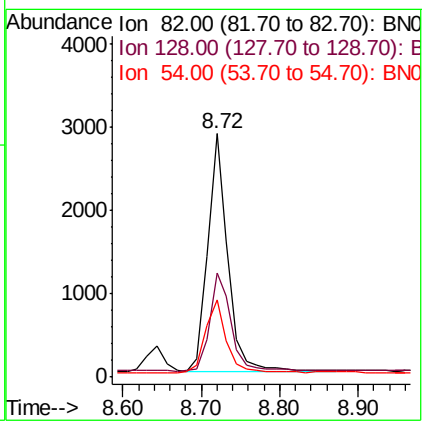


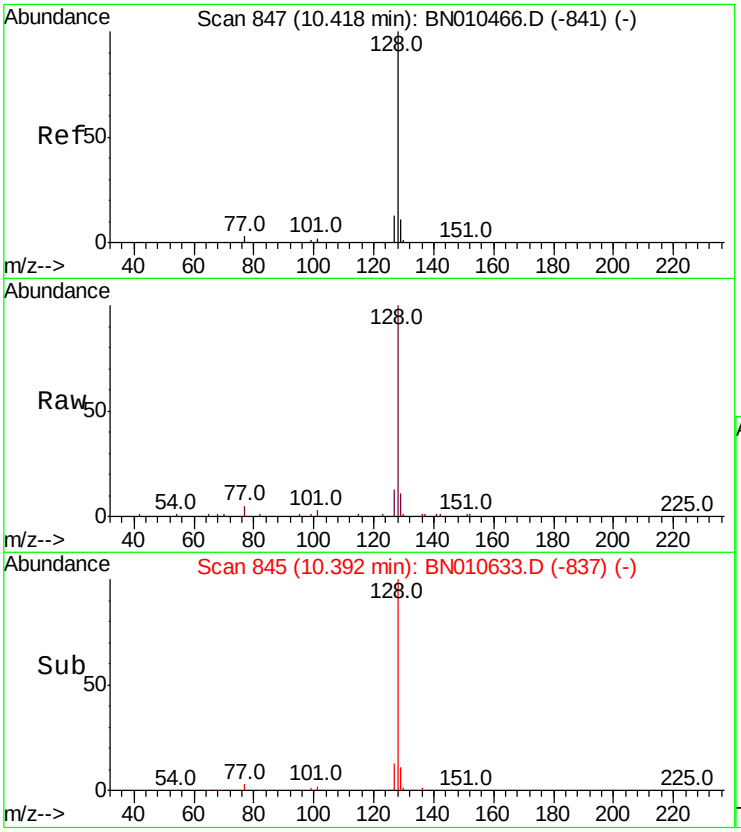


#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion: 82 Resp: 5064

Ion	Ratio	Lower	Upper
82	100		
128	42.8	41.3	61.9
54	31.5	23.4	35.0



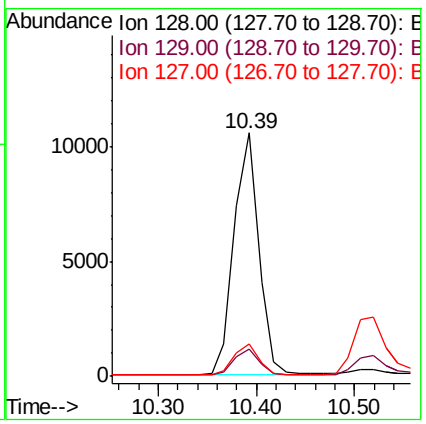


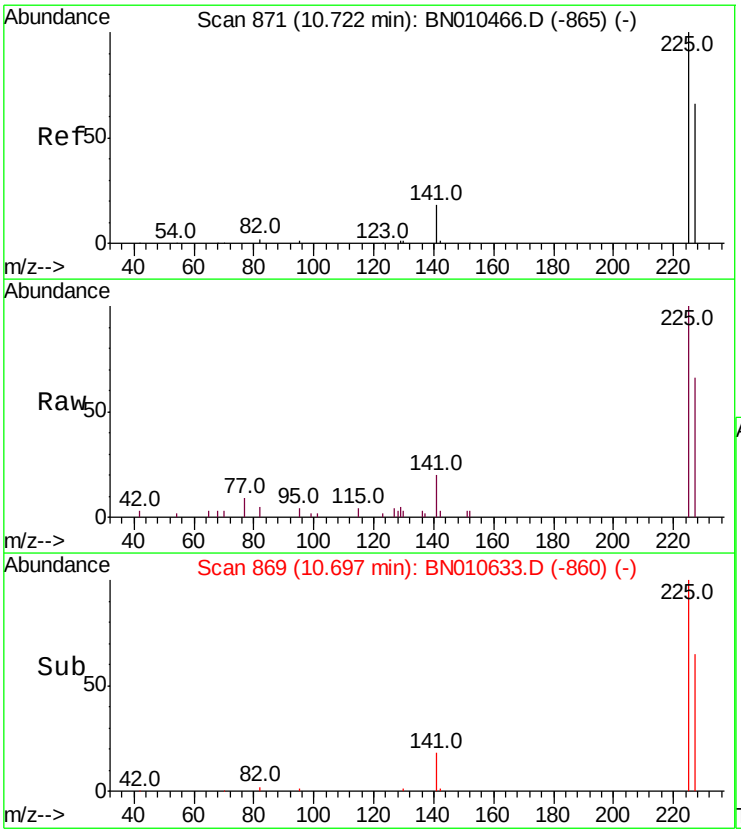
#9
Naphthalene
Concen: 0.411 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 18408

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.2	10.5	15.7

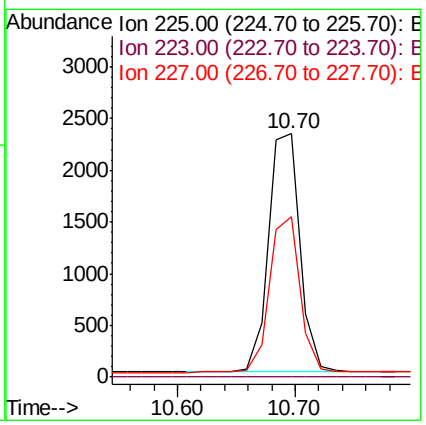


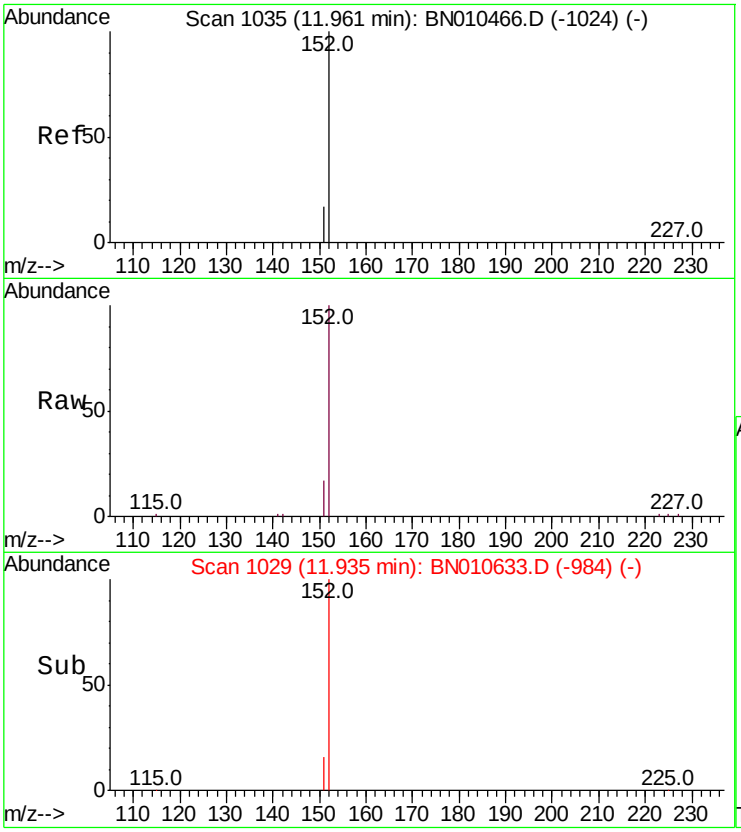


#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 10.70 min Scan# 869
Delta R.T. 0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:225 Resp: 4333

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.6	76.0



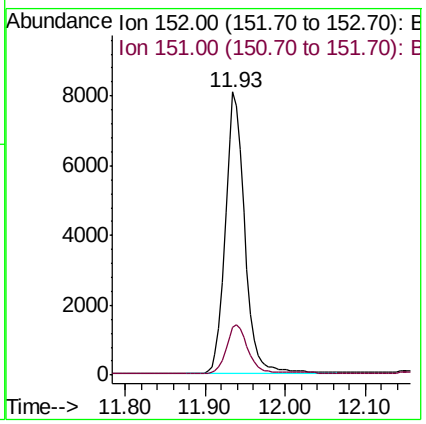


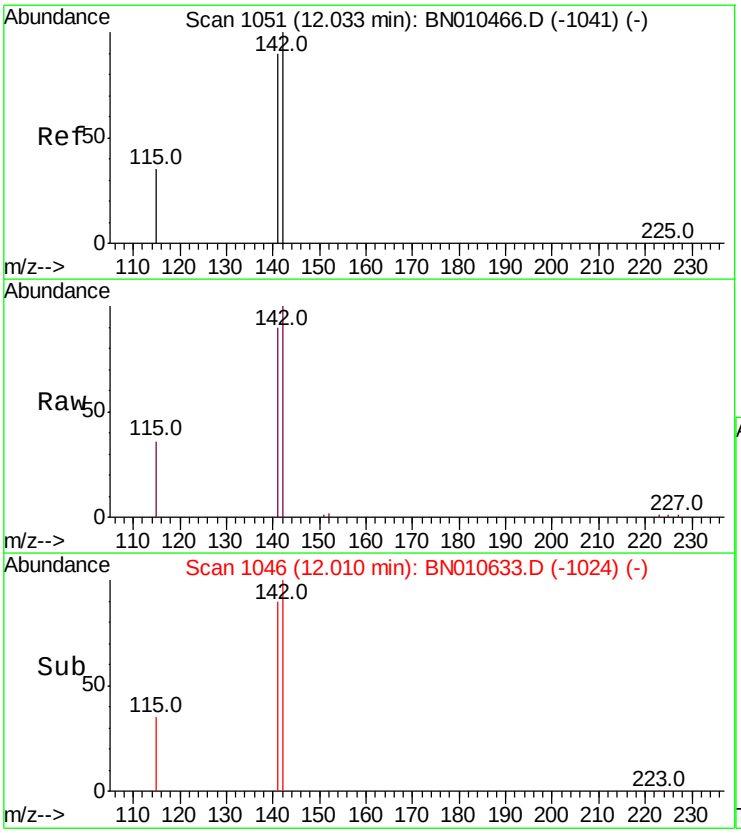
#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 11.93 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13602

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.3	22.9

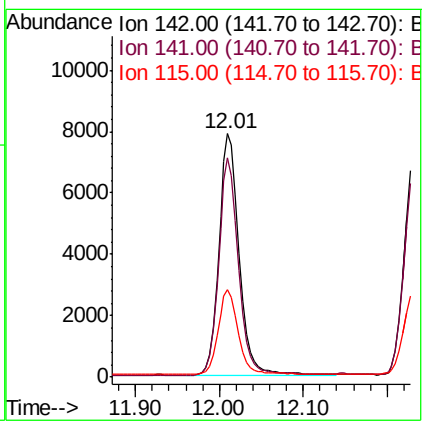


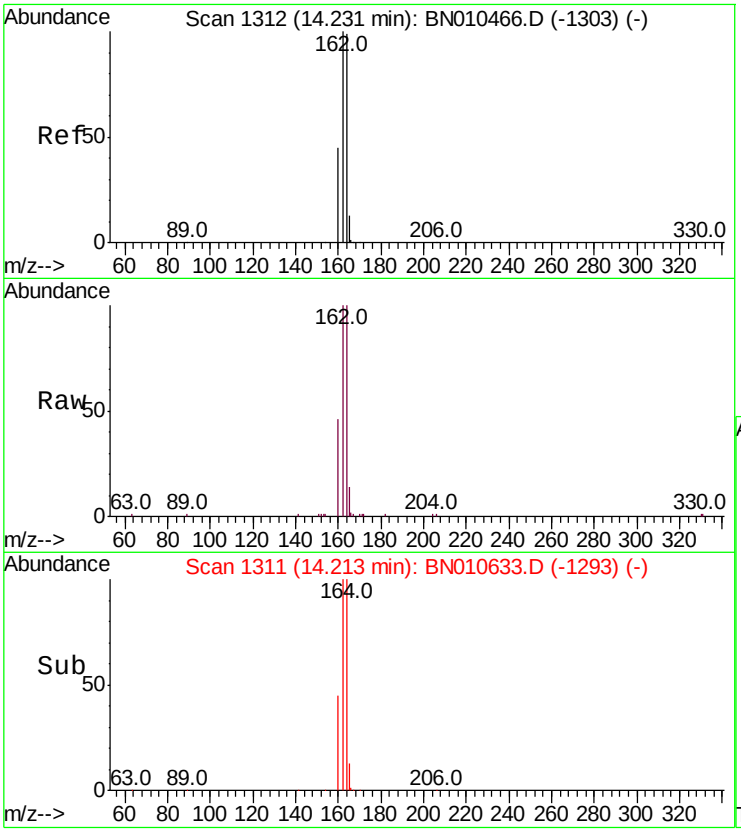


#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.01 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:142 Resp: 13216

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
115	36.1	28.8	43.2



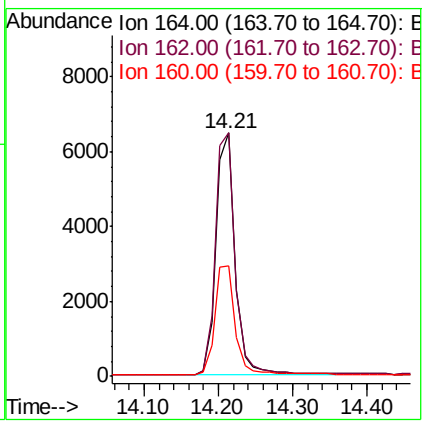


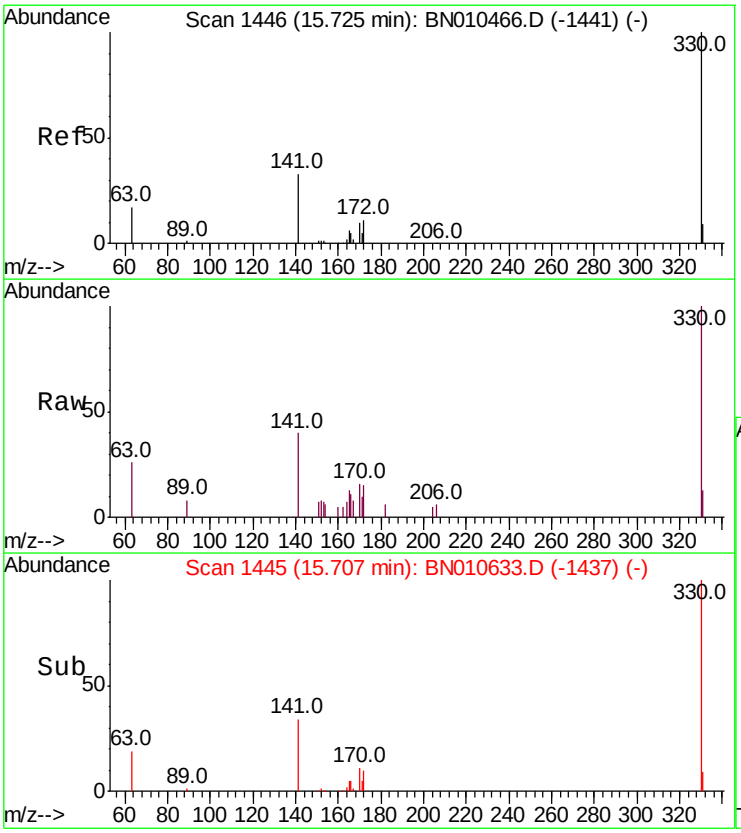
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11409

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	121.0
160	45.7	36.5	54.7

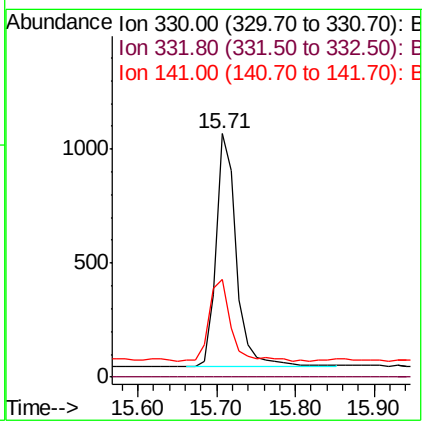


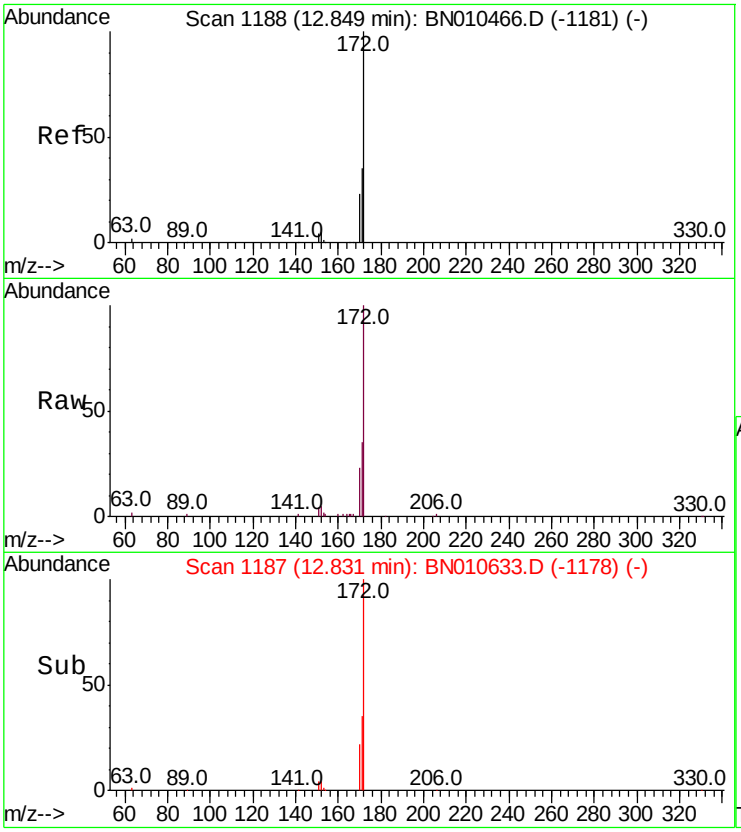


#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:330 Resp: 1845

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.3	28.1	42.1



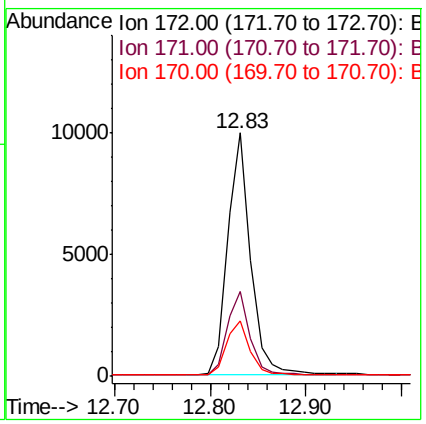


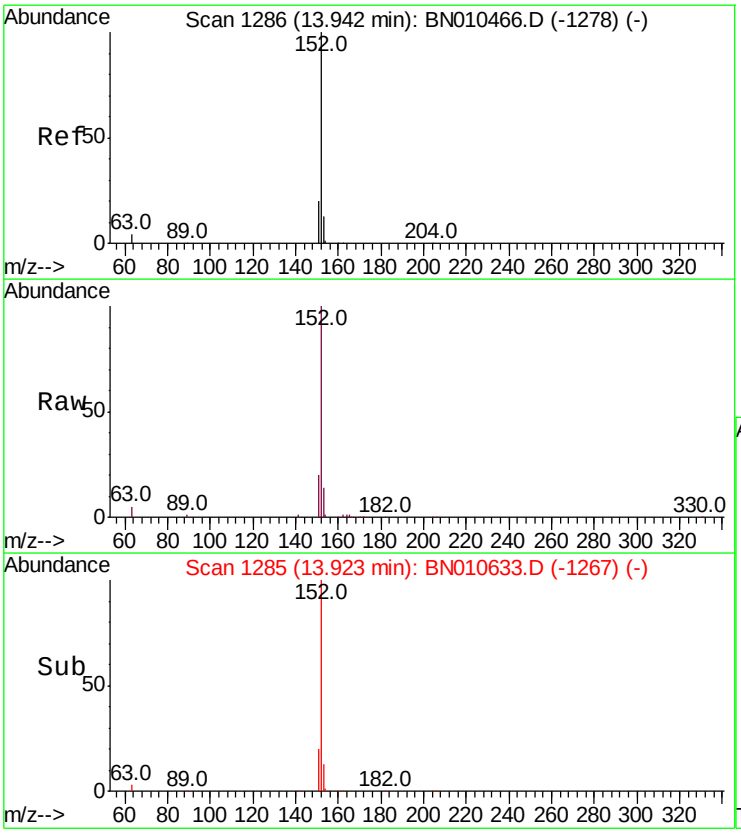
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 16688

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.2
170	22.9	18.4	27.6

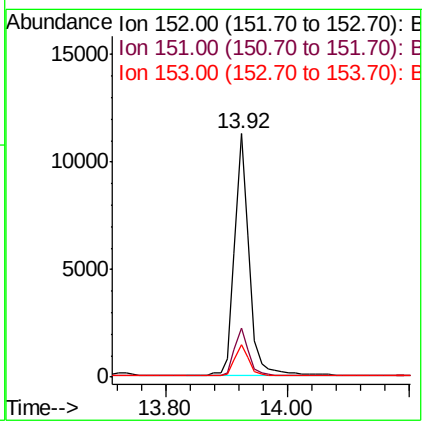


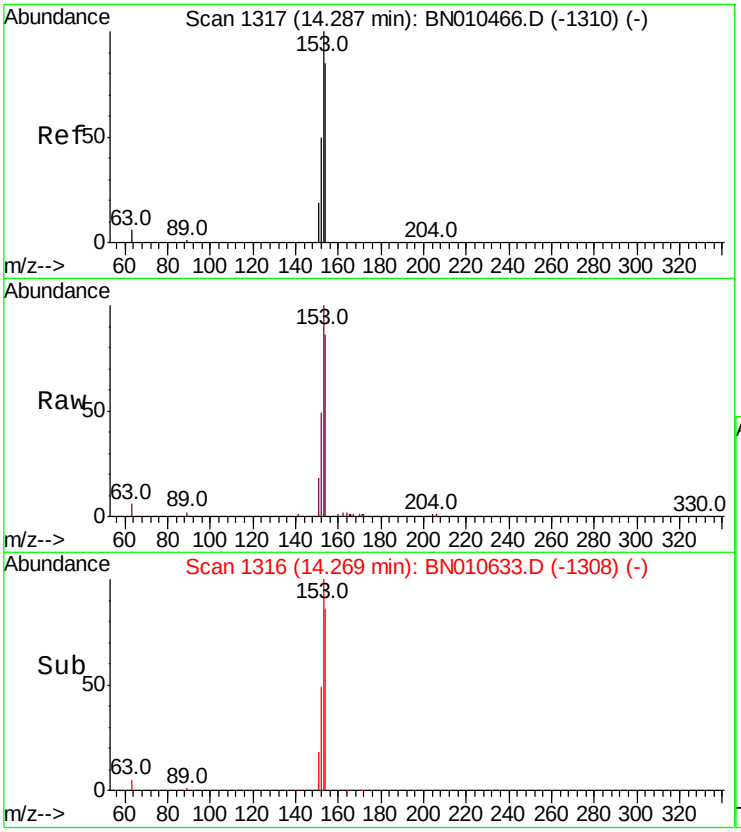


#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:152 Resp: 18700

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.6	15.8



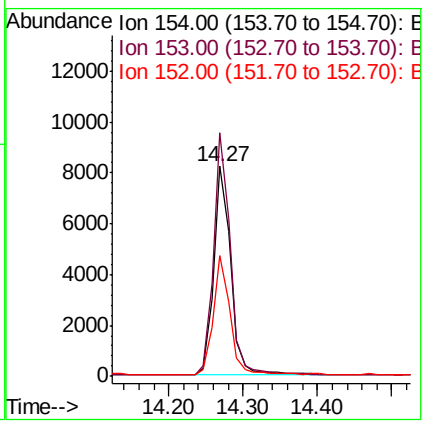


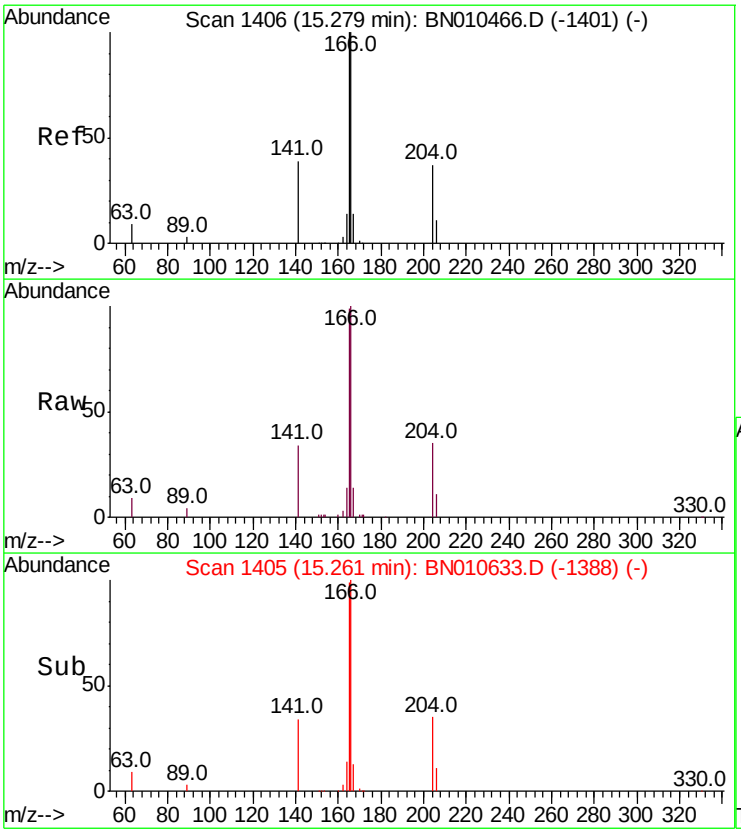
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 12949

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.0	136.4
152	55.6	44.6	67.0

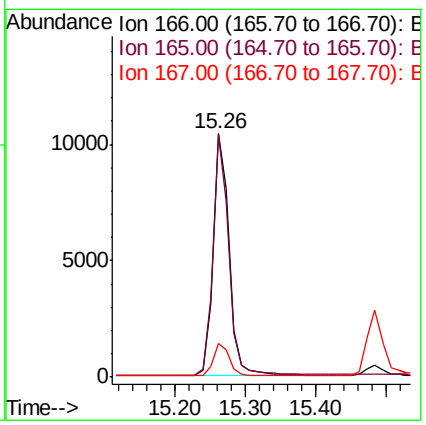


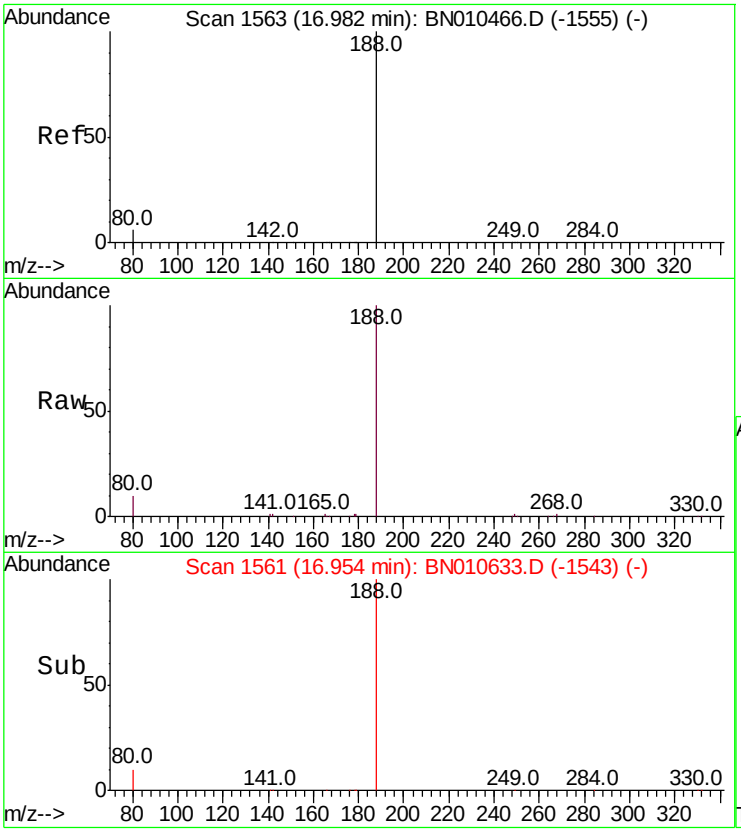


#18
Fluorene
Concen: 0.404 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:166 Resp: 16777

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.8	10.9	16.3



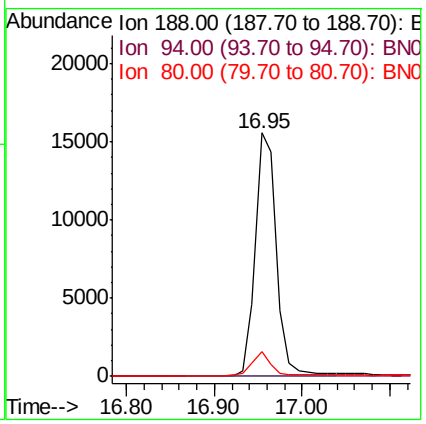


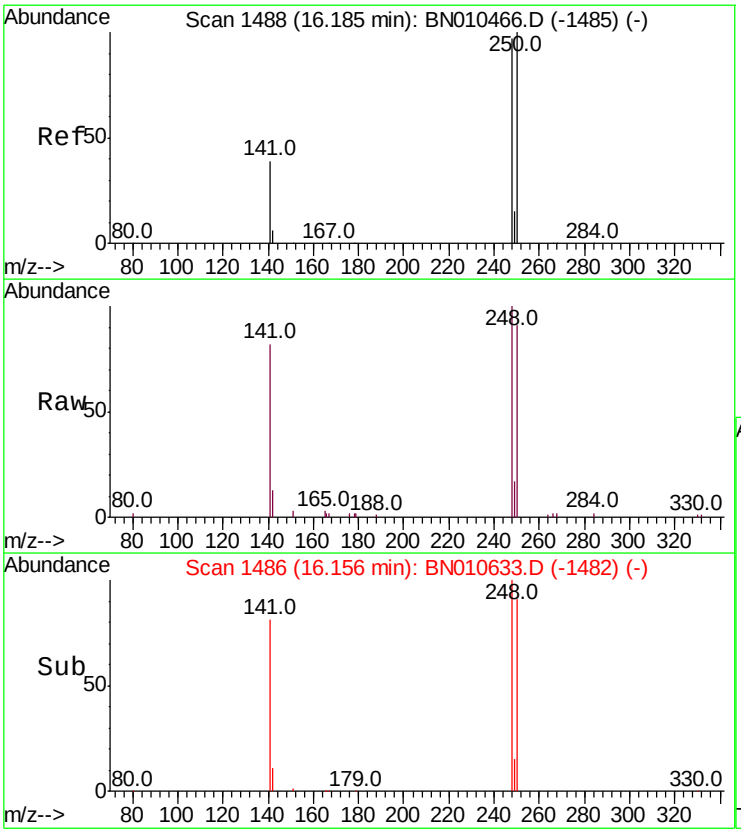
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 25903

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	5.0	7.6#

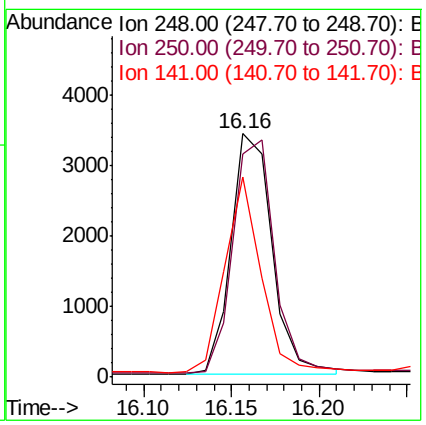


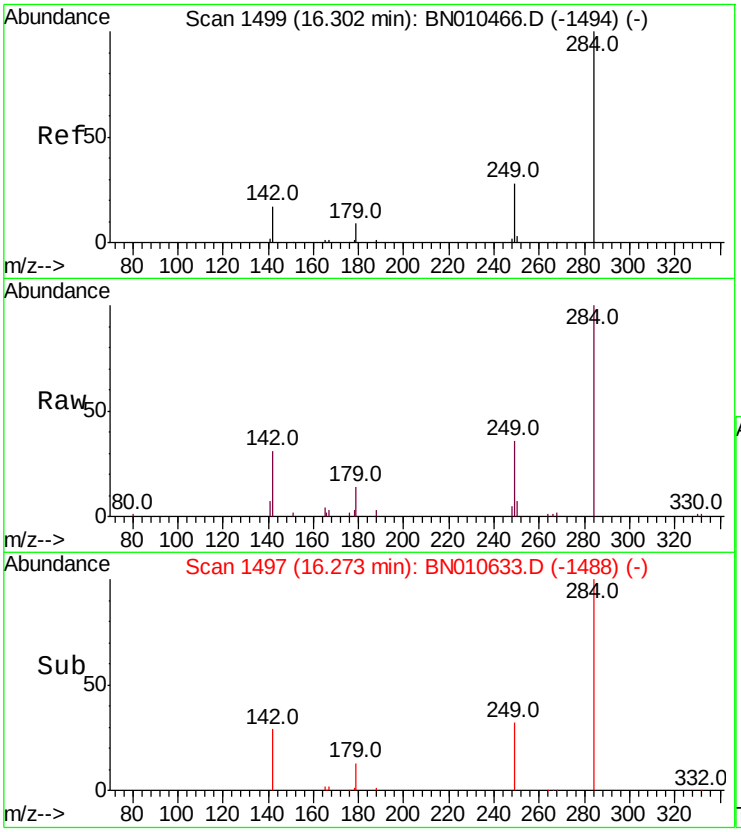


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:248 Resp: 5526

Ion	Ratio	Lower	Upper
248	100		
250	91.4	82.3	123.5
141	82.2	35.2	52.8#



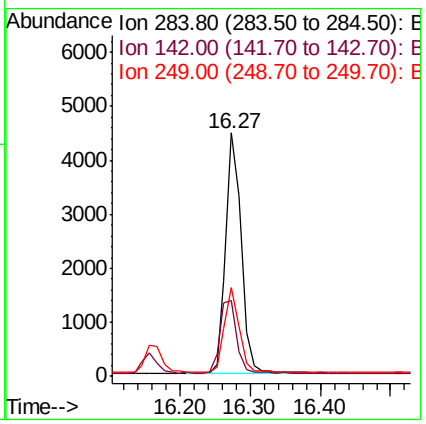


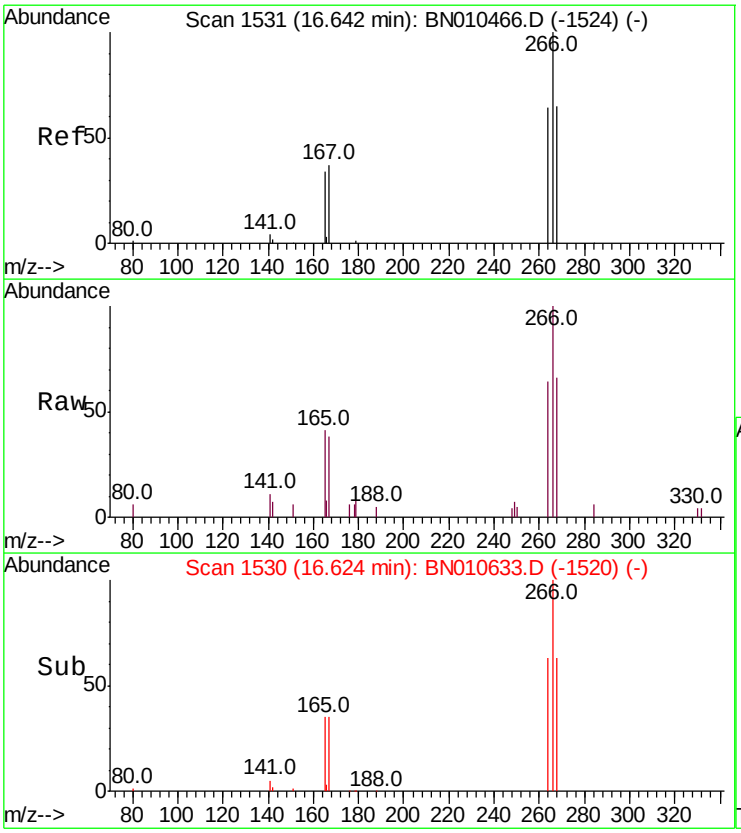
#21
Hexachlorobenzene
Concen: 0.414 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6800

Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.5	38.3
249	33.4	25.8	38.6

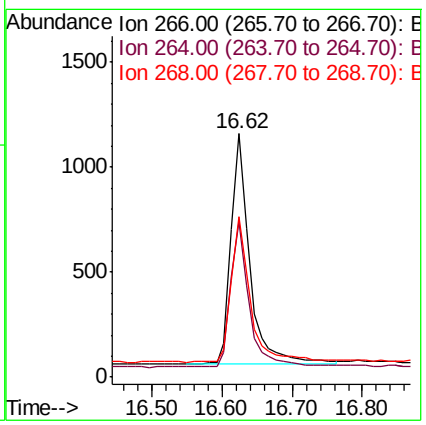


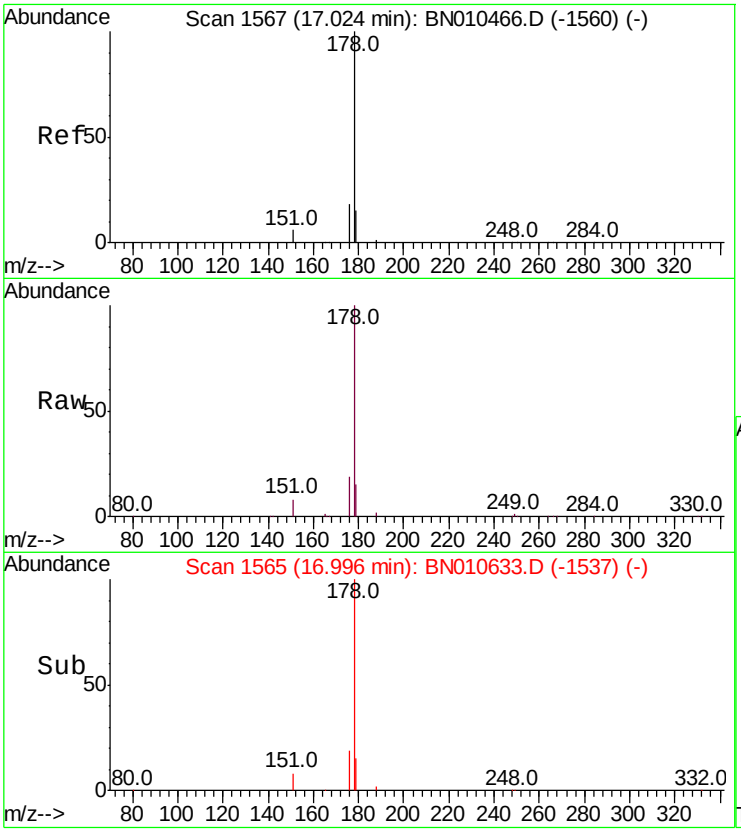


#22
Pentachlorophenol
Concen: 0.316 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:266 Resp: 2041

Ion	Ratio	Lower	Upper
266	100		
264	63.9	51.8	77.6
268	65.7	53.7	80.5



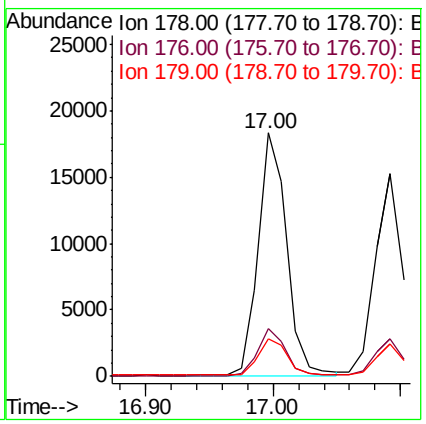


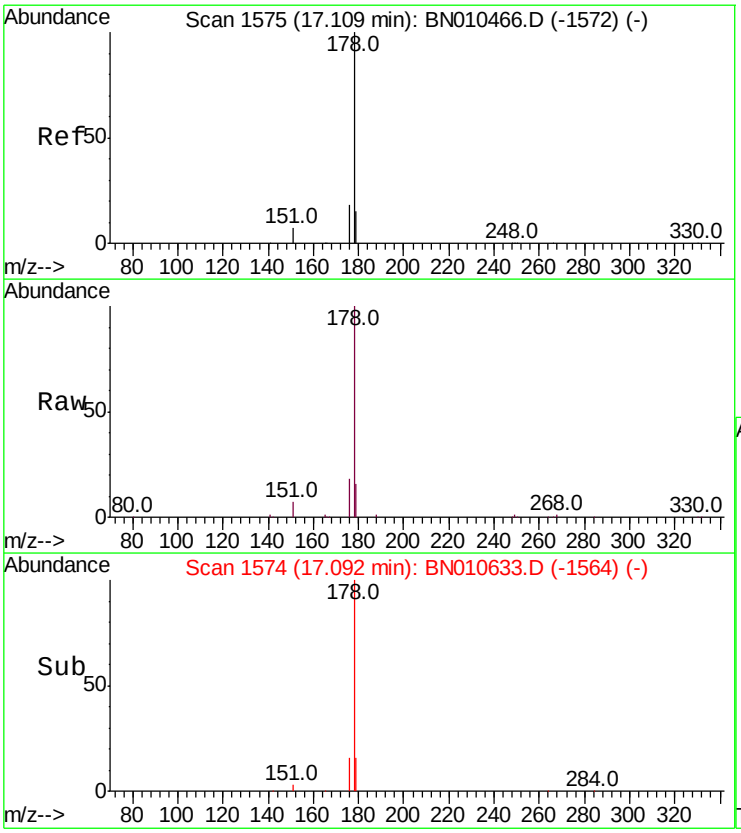
#23
Phenanthrene
Concen: 0.405 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 28350

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.6	18.8

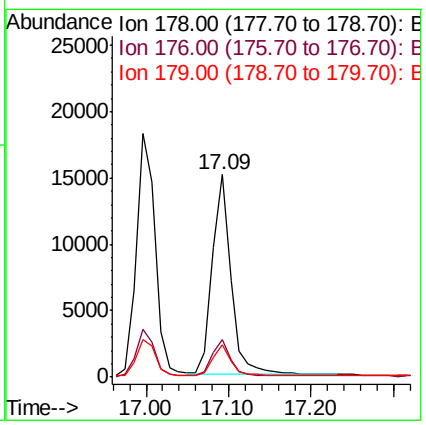


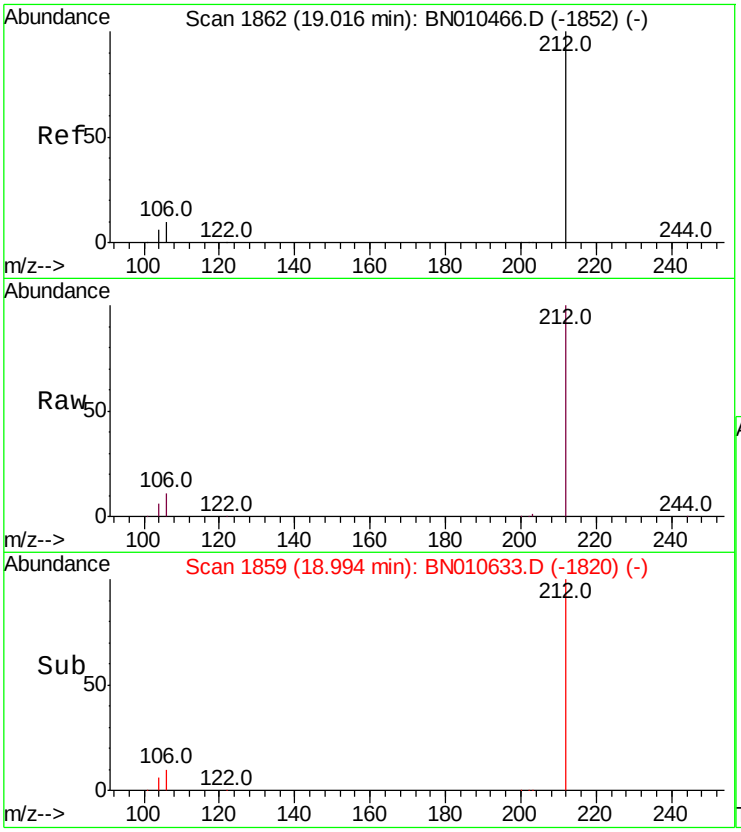


#24
Anthracene
Concen: 0.373 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:178 Resp: 23846

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	12.2	18.2



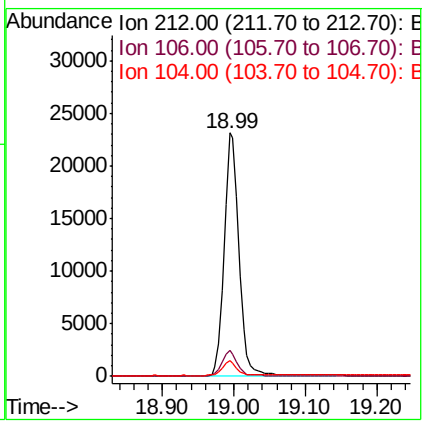


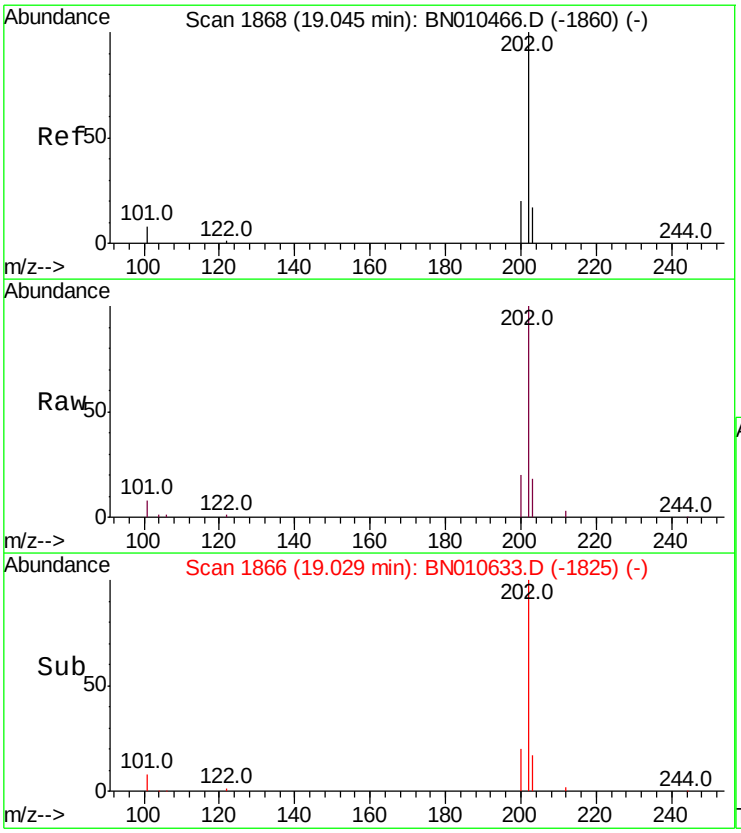
#25
Fluoranthene-d10
Concen: 0.422 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 33160

Ion	Ratio	Lower	Upper
212	100		
106	10.1	7.8	11.6
104	5.8	4.5	6.7

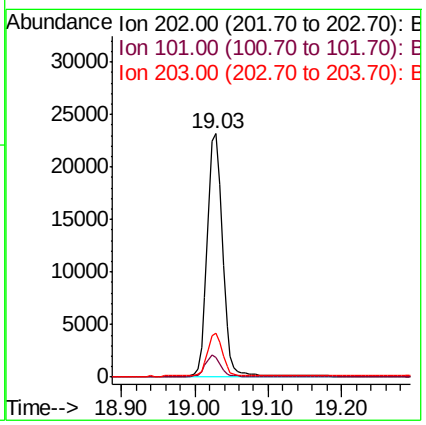


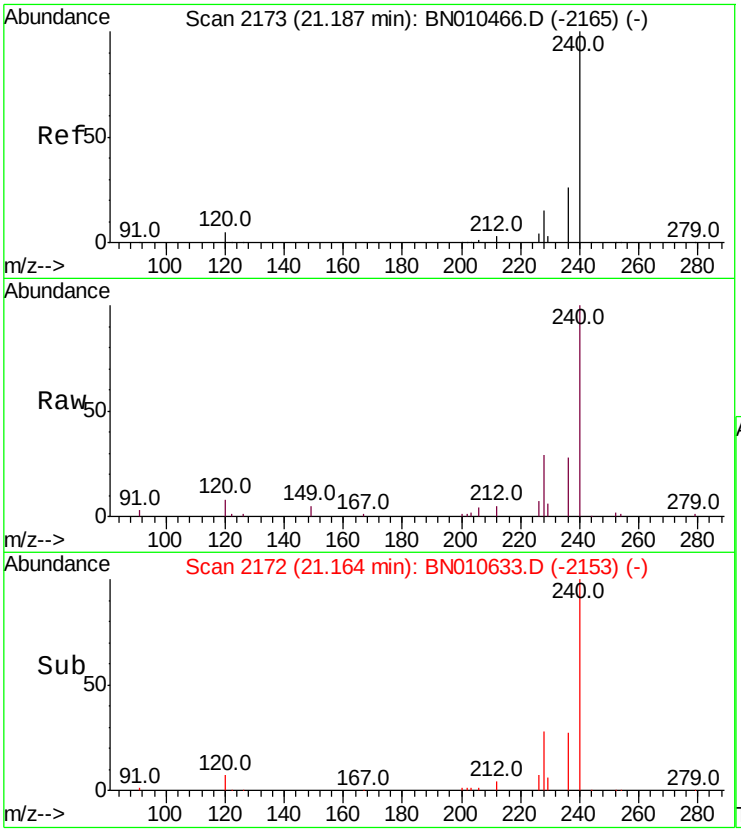


#26
Fluoranthene
Concen: 0.378 ng
RT: 19.03 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:202 Resp: 32952

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.9	10.3
203	17.2	13.9	20.9



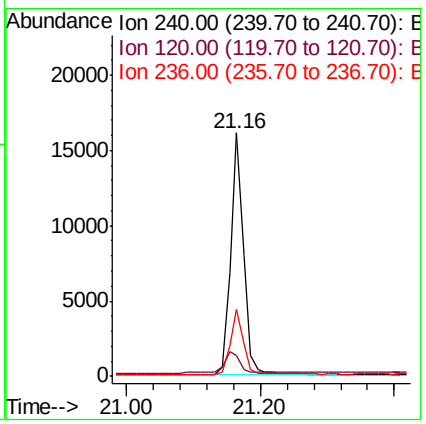


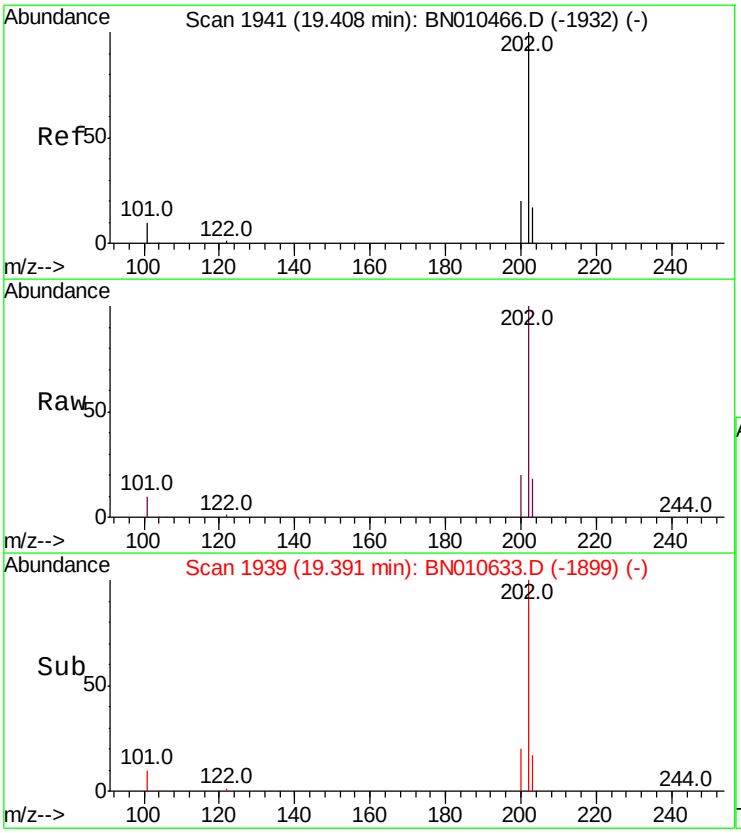
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 21634

Ion	Ratio	Lower	Upper
240	100		
120	8.5	4.8	7.2#
236	27.6	21.4	32.0

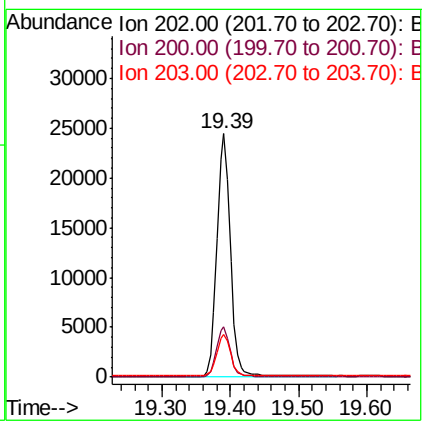


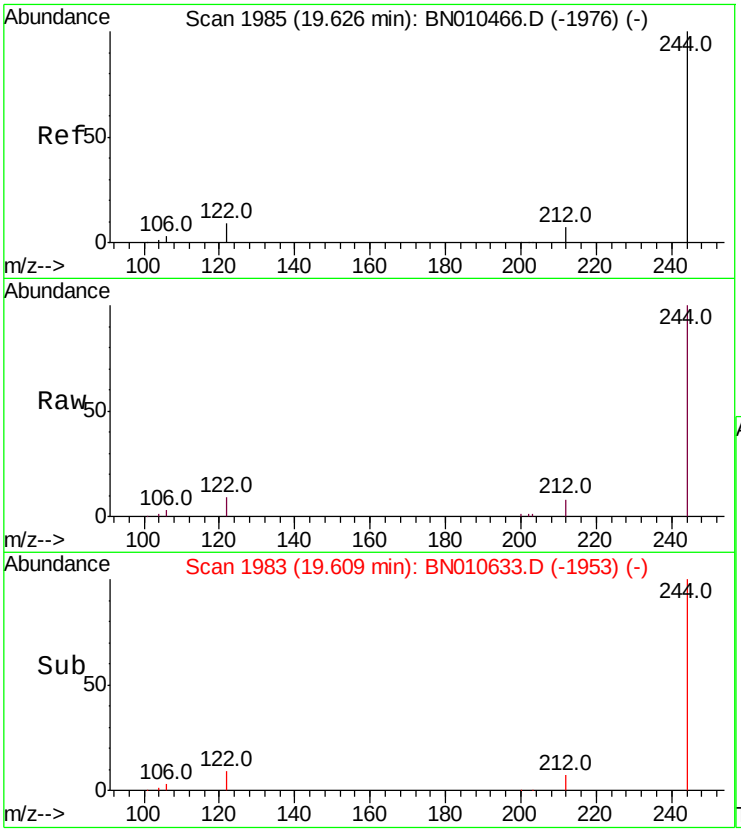


#28
Pyrene
Concen: 0.455 ng
RT: 19.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:202 Resp: 33168

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.6	14.0	21.0



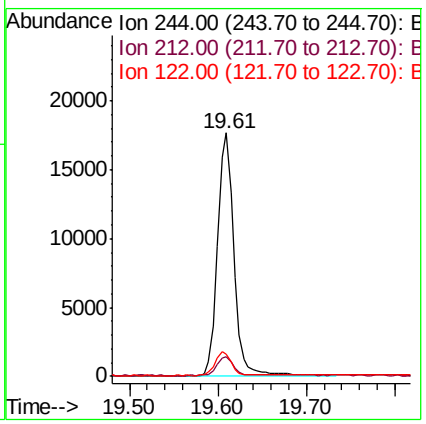


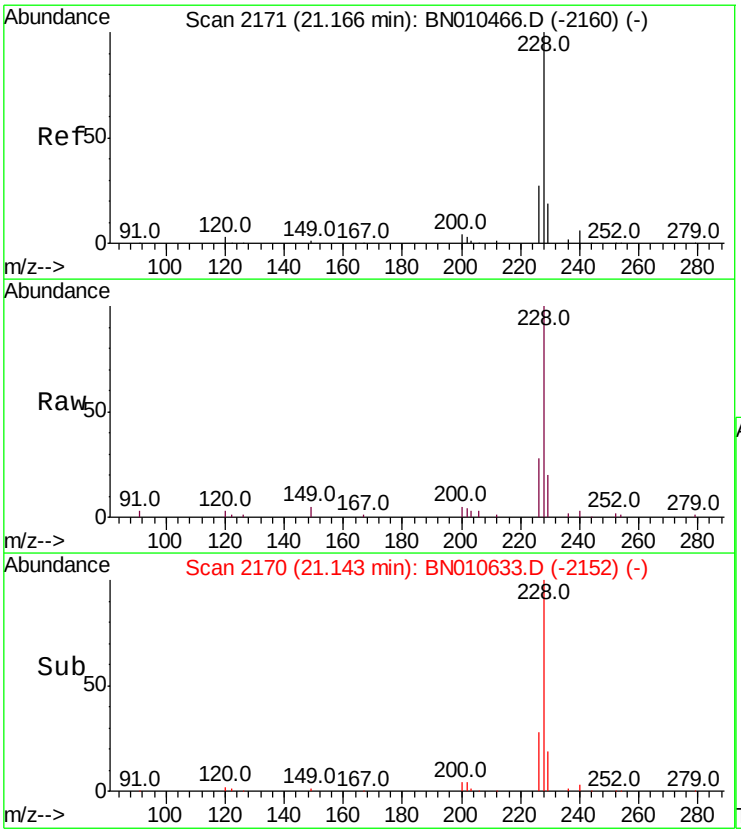
#29
Terphenyl-d14
Concen: 0.456 ng
RT: 19.61 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 22574

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	9.2	7.8	11.8

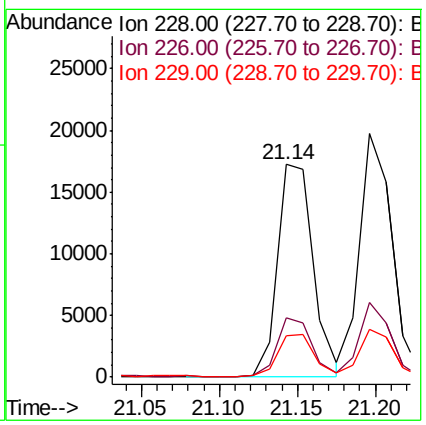


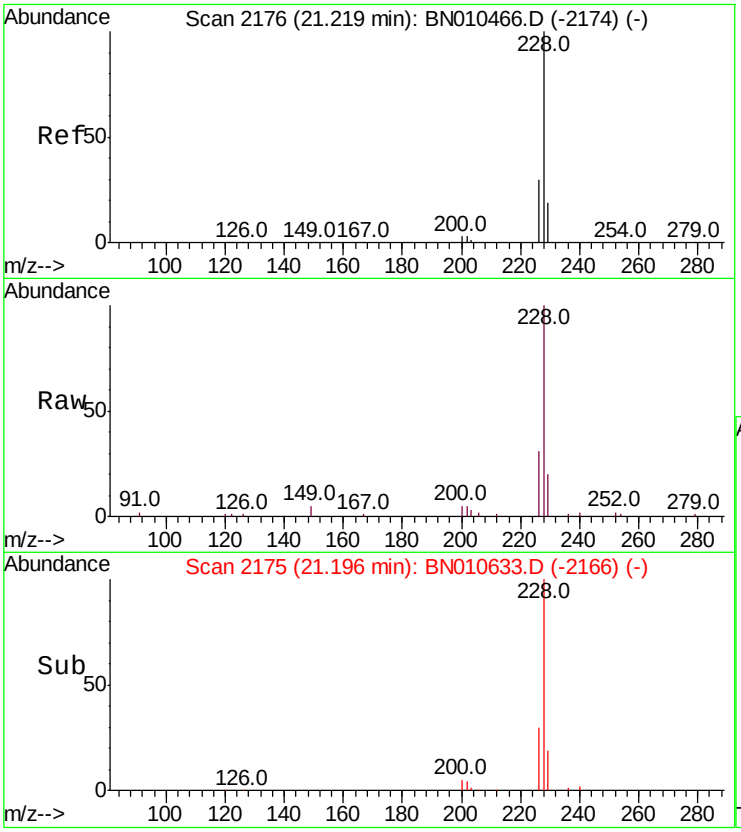


#30
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:228 Resp: 27086

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.7	32.5
229	19.5	15.6	23.4



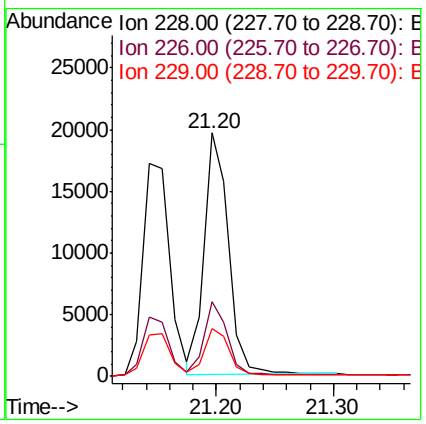


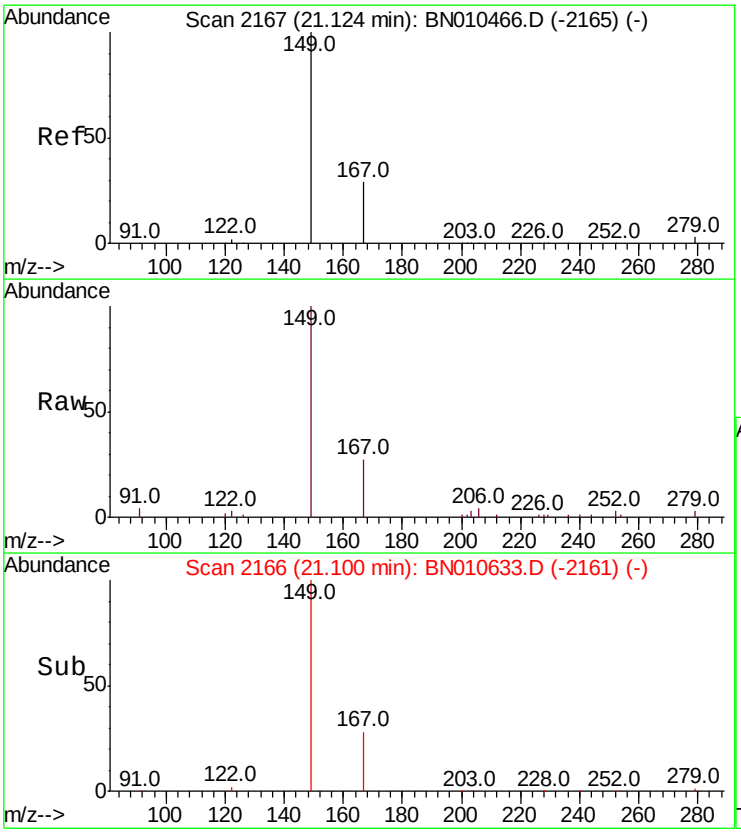
#31
Chrysene
Concen: 0.403 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 28332

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.6	15.8	23.6

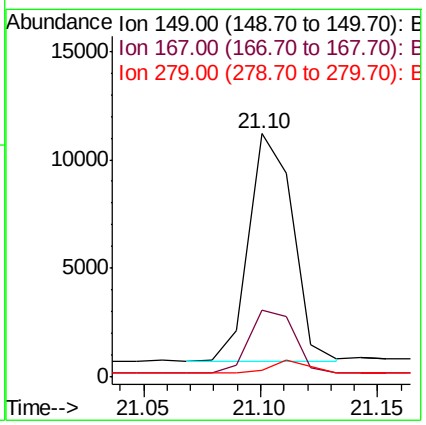


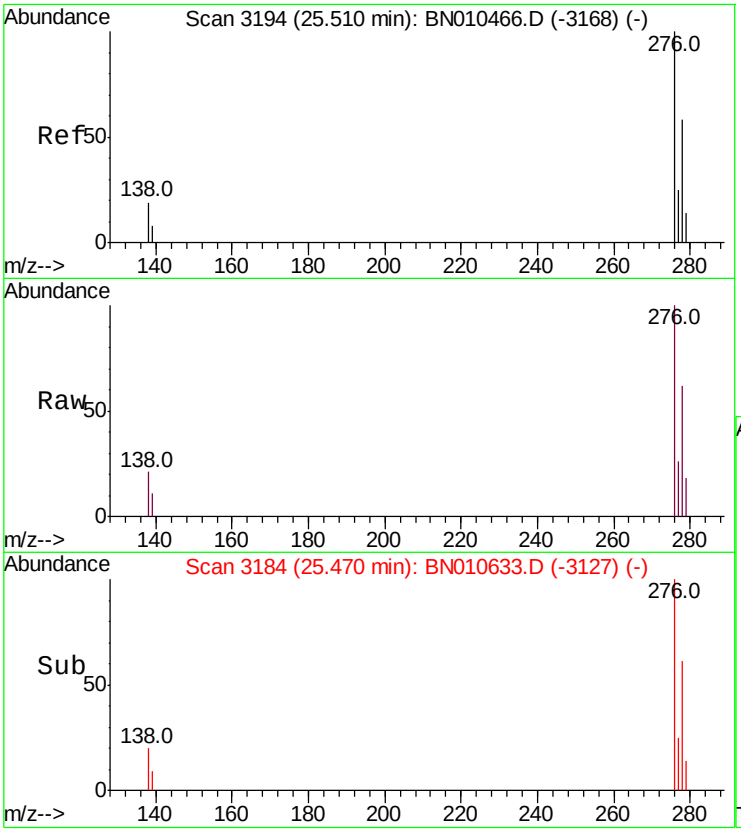


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.376 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:149 Resp: 13605

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	4.9	4.0	6.0



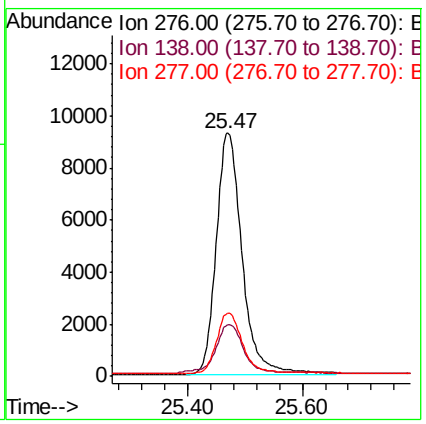


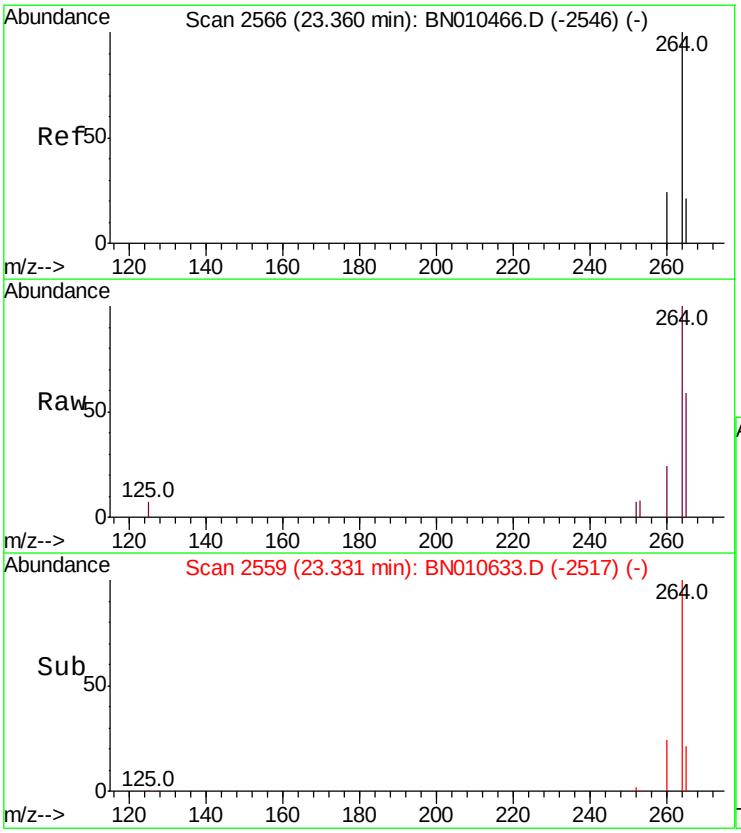
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.468 ng
RT: 25.47 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 29078

Ion	Ratio	Lower	Upper
276	100		
138	21.8	16.4	24.6
277	24.7	19.8	29.6

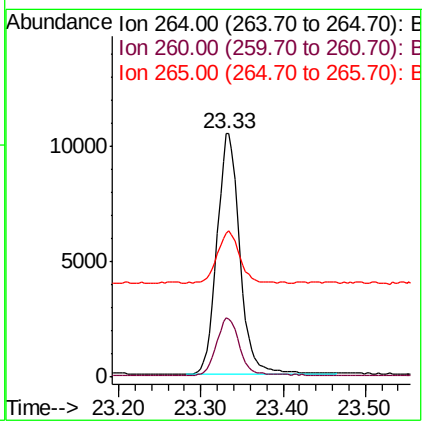


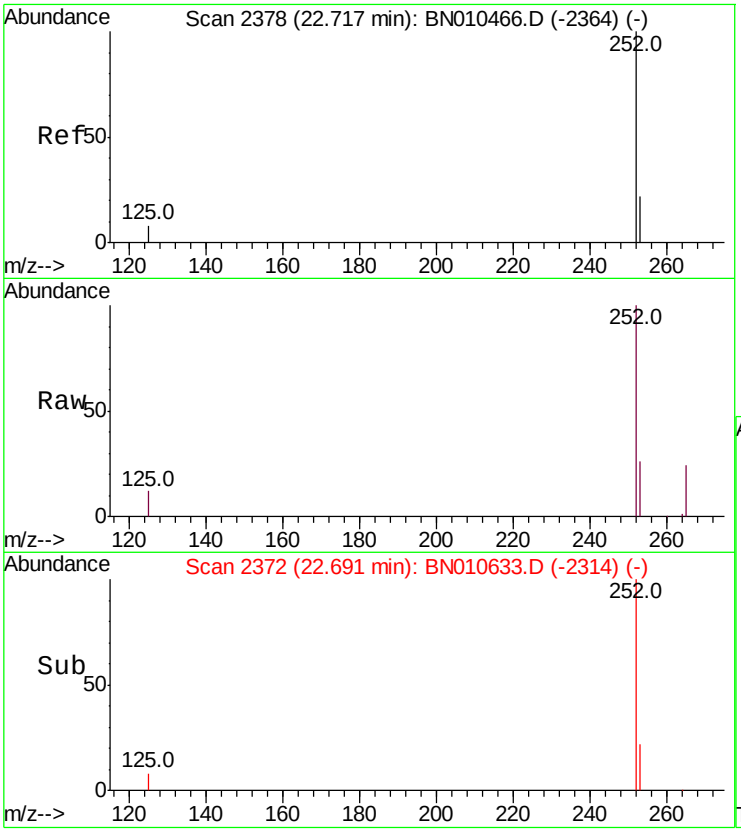


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2559
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:264 Resp: 20157

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	59.1	42.3	63.5



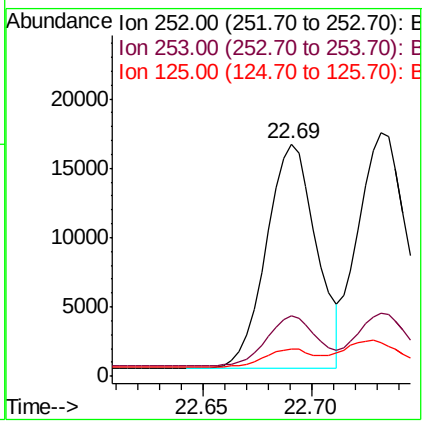


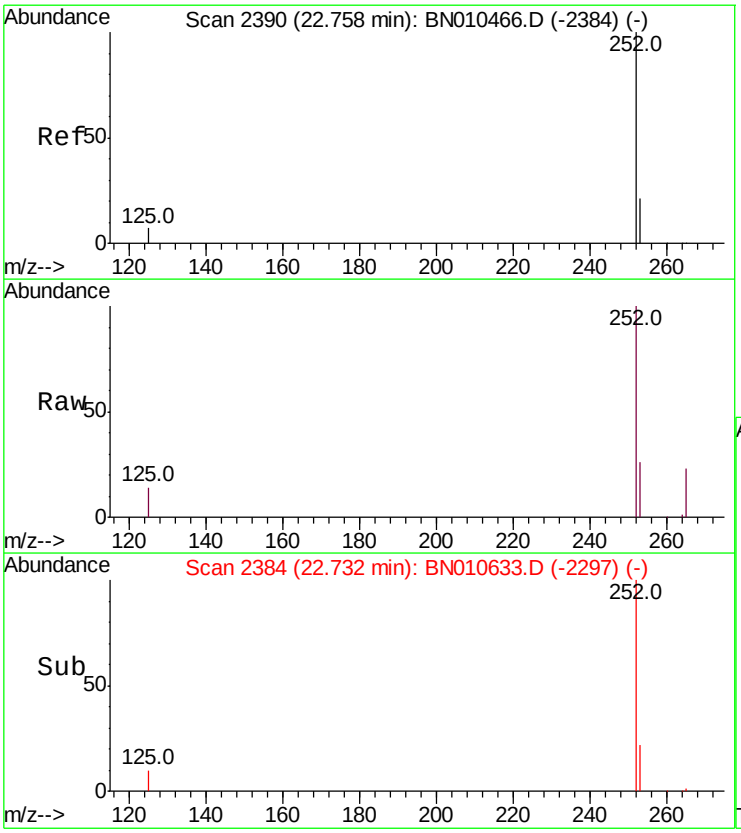
#35
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 22.69 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 25956

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.2	30.4
125	11.7	9.2	13.8

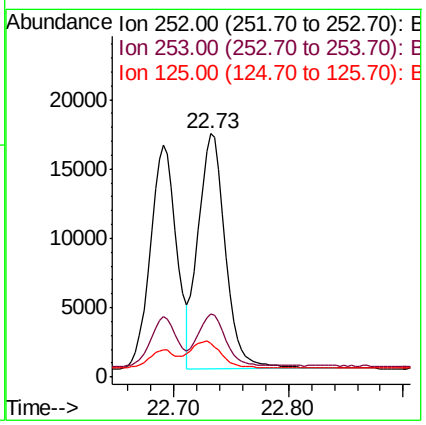


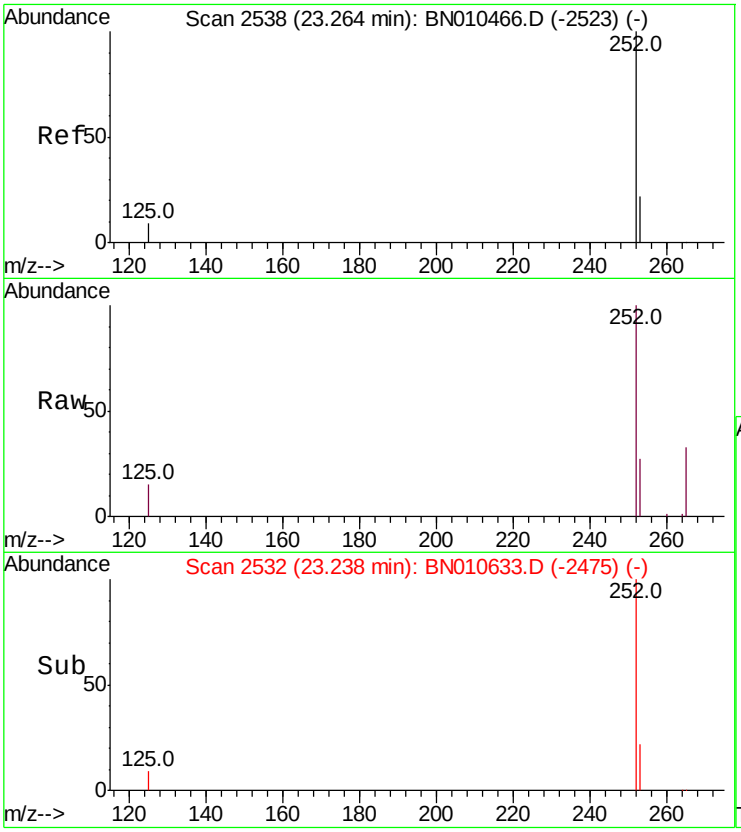


#36
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 22.73 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:252 Resp: 27817

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.1	30.1
125	13.9	9.6	14.4



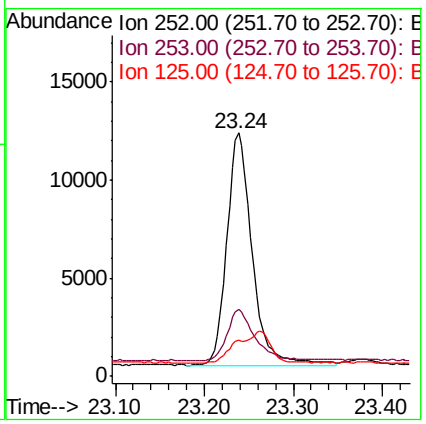


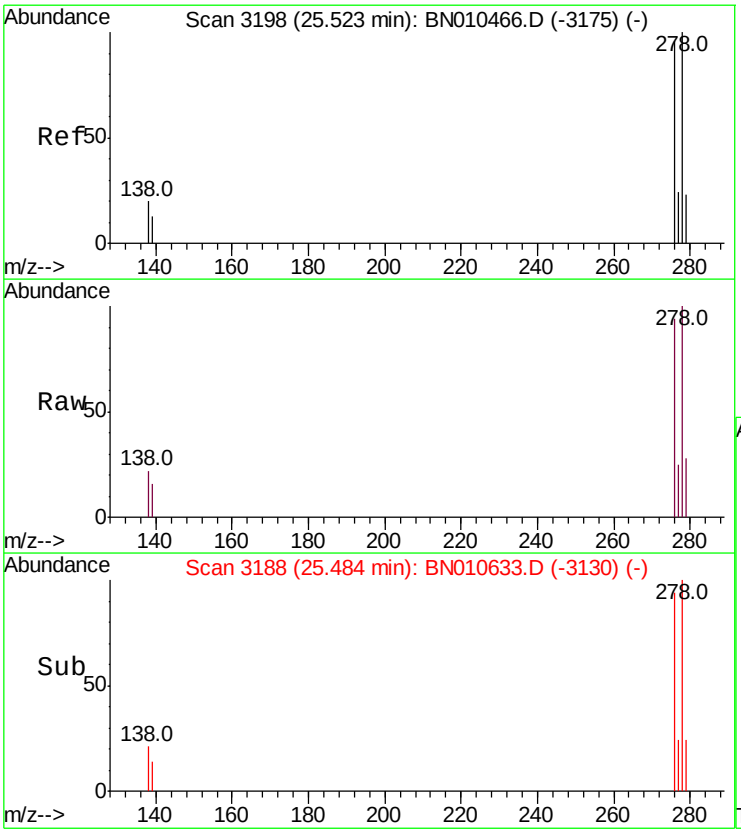
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.24 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 23509

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.8	32.8
125	14.7	11.0	16.6

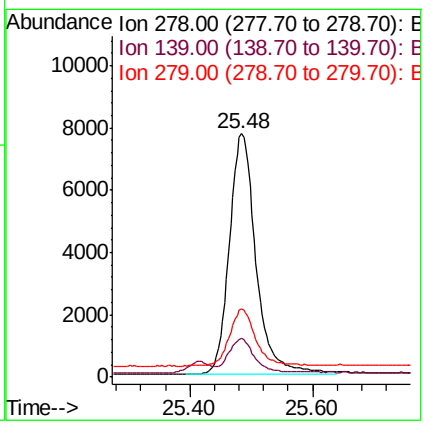


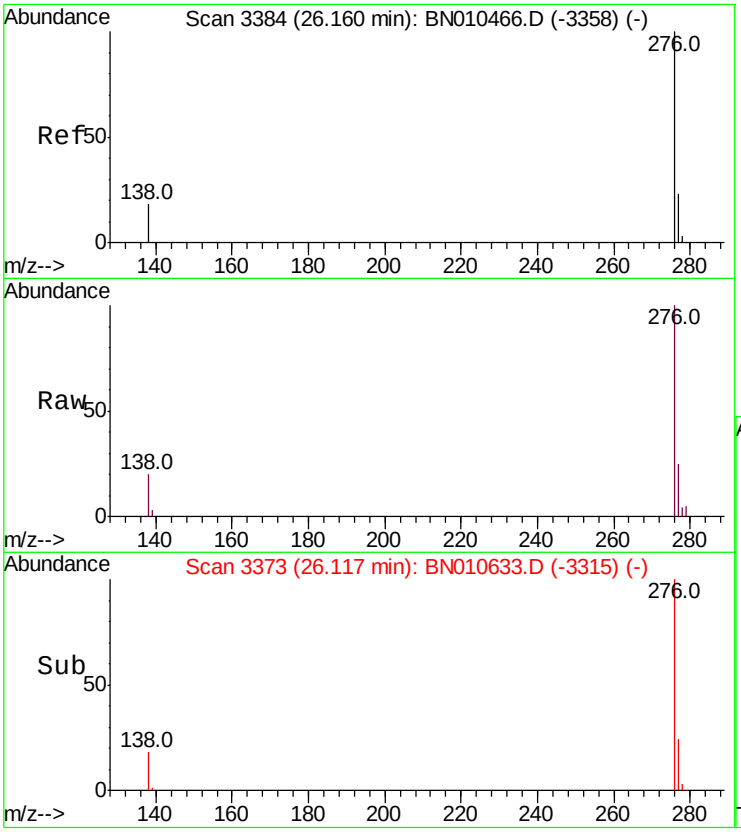


#38
Dibenzo(a,h)anthracene
Concen: 0.434 ng
RT: 25.48 min Scan# 3188
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Tgt Ion:278 Resp: 23309

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	28.0	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.439 ng
RT: 26.12 min Scan# 3373
Delta R.T. -0.00 min
Lab File: BN010633.D
Acq: 28 Apr 2020 21:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 23753

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.2
138	19.8	15.4	23.2