Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
Data File : BN010914.D
Acq On : 16 Jun 2020 19:28
Operator : CG/JU
Sample : PB129554BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129554BS

Quant Time: Jun 17 03:33:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2732	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	8368	0.40	ng		-0.01
13) Acenaphthene-d10	14.17	164	4491	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	9016	0.40	ng		0.00
27) Chrysene-d12	21.12	240	8027	0.40	ng		-0.01
34) Perylene-d12	23.27	264	8214	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	2134	0.40	ng		0.00
5) Phenol-d6	6.74	99	2501	0.40	ng		0.00
8) Nitrobenzene-d5	8.68	82	2551	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	5364	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	621	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	7651	0.43	ng		0.00
25) Fluoranthene-d10	18.95	212	10018	0.40	ng		0.00
29) Terphenyl-d14	19.57	244	7991	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	1092	0.408	ng		96
3) n-Nitrosodimethylamine	3.55	42	470	0.302	ng	#	85
6) bis(2-Chloroethyl)ether	6.99	93	2420	0.400	ng		93
9) Naphthalene	10.34	128	8921	0.424	ng		99
10) Hexachlorobutadiene	10.63	225	2067	0.398	ng	#	100
12) 2-Methylnaphthalene	11.97	142	5968	0.424	ng		99
16) Acenaphthylene	13.88	152	7773	0.423	ng		100
17) Acenaphthene	14.22	154	5633	0.449	ng		98
18) Fluorene	15.23	166	6682	0.413	ng		98
20) 4-Bromophenyl-phenylether	16.12	248	2195	0.405	ng		98
21) Hexachlorobenzene	16.23	284	2443	0.432	ng		99
22) Pentachlorophenol	16.58	266	768	0.405	ng		98
23) Phenanthrene	16.95	178	10294	0.418	ng		100
24) Anthracene	17.05	178	8467	0.412	ng		99
26) Fluoranthene	18.99	202	11260	0.403	ng		99
28) Pyrene	19.35	202	11249	0.424	ng		99
30) Benzo(a)anthracene	21.11	228	9535	0.404	ng		99
31) Chrysene	21.16	228	11805	0.429	ng		98
32) Bis(2-ethylhexyl)phthalate	21.07	149	3491	0.444	ng		98
33) Indeno(1,2,3-cd)pyrene	25.38	276	14896	0.485	ng		98
35) Benzo(b)fluoranthene	22.64	252	11104	0.398	ng		99
36) Benzo(k)fluoranthene	22.68	252	12350	0.415	ng		99
37) Benzo(a)pyrene	23.18	252	9799	0.409	ng		97
38) Dibenzo(a,h)anthracene	25.39	278	12109	0.443	ng		98
39) Benzo(g,h,i)perylene	26.01	276	12627	0.442	ng		99

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

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Misc :
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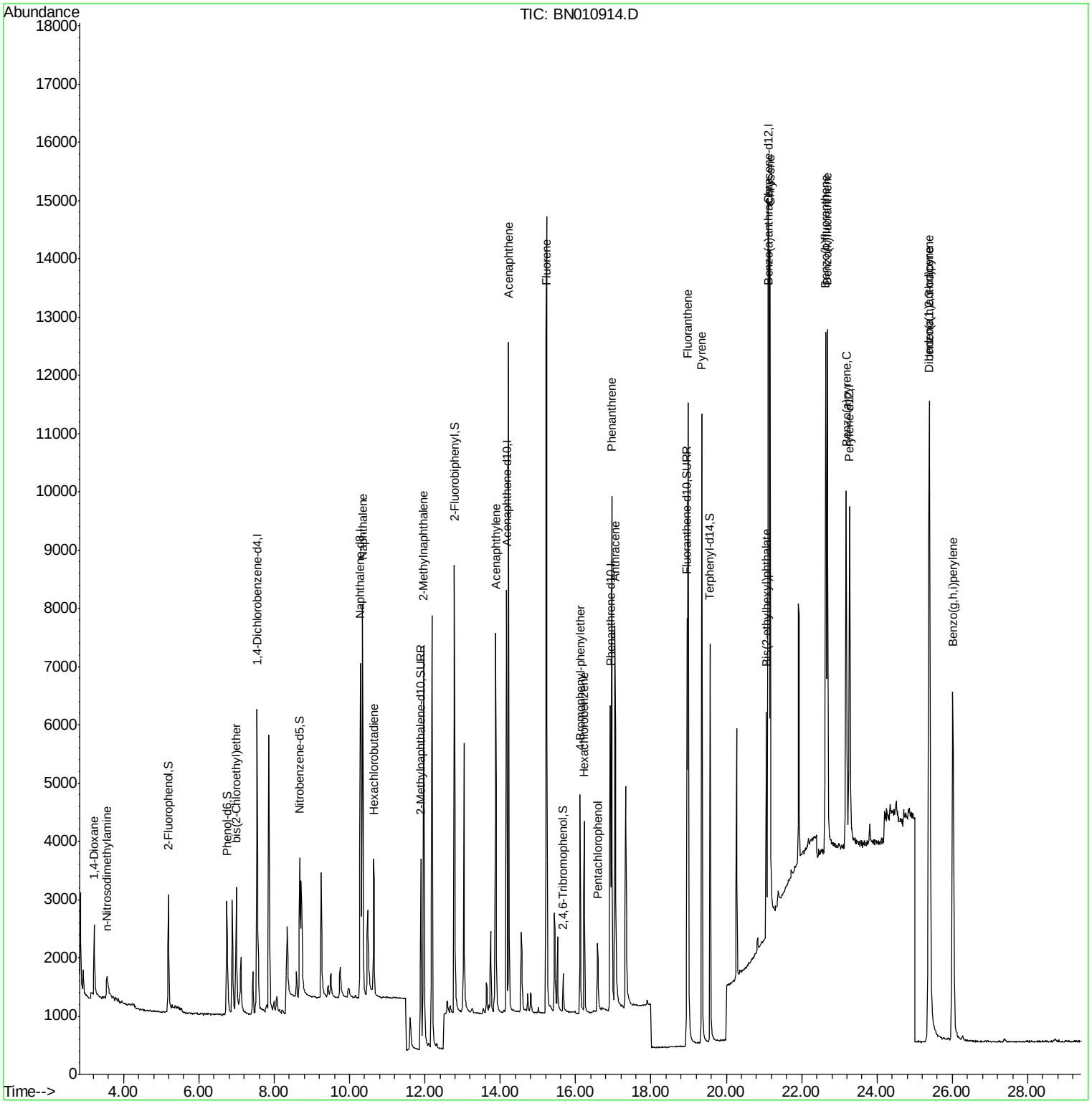
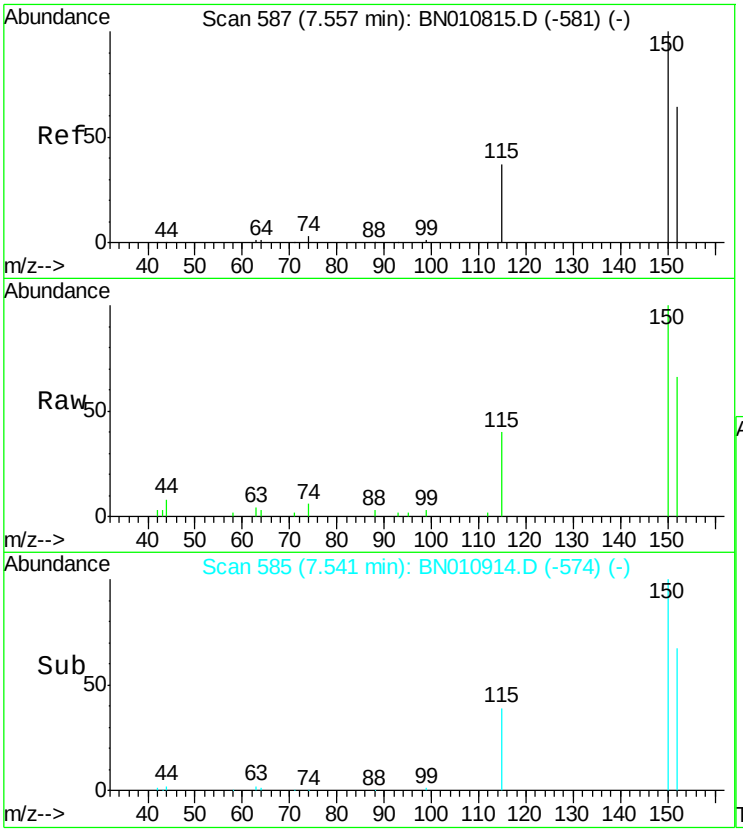
Instrument :
BNA_N
ClientSampleId :
PB129554BS

Quant Time: Jun 17 03:33:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration



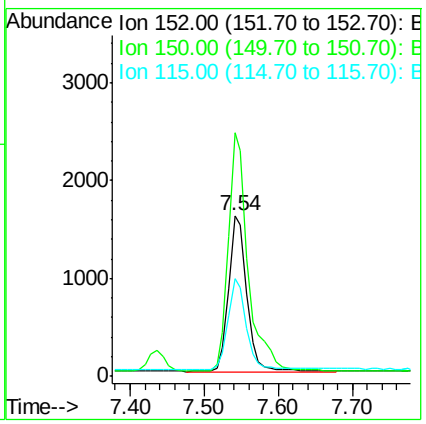


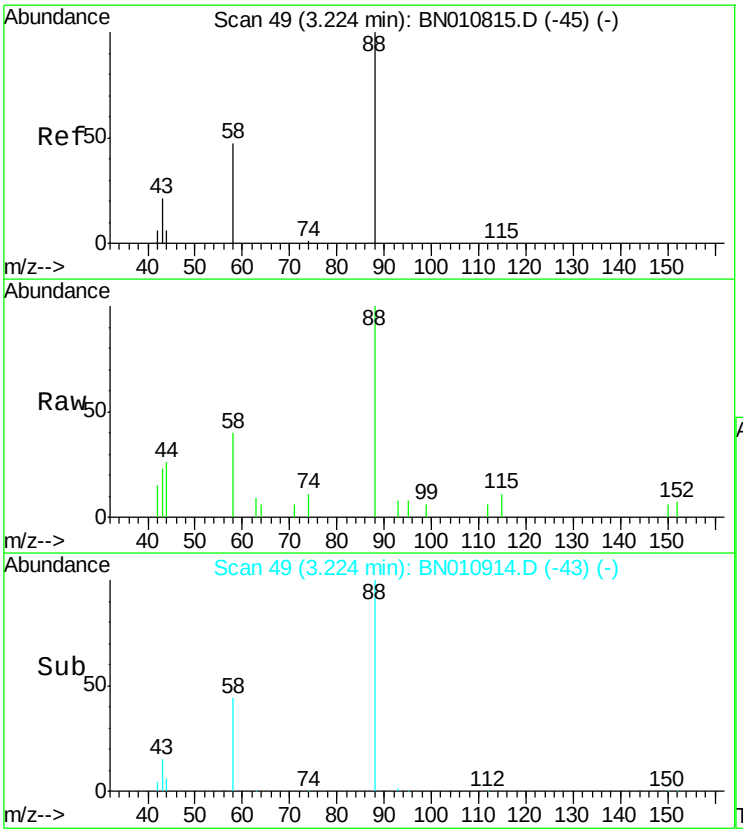
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:152 Resp: 2732

Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.8	185.6
115	60.9	49.2	73.8

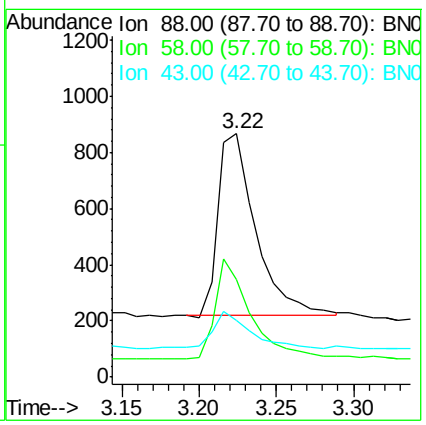


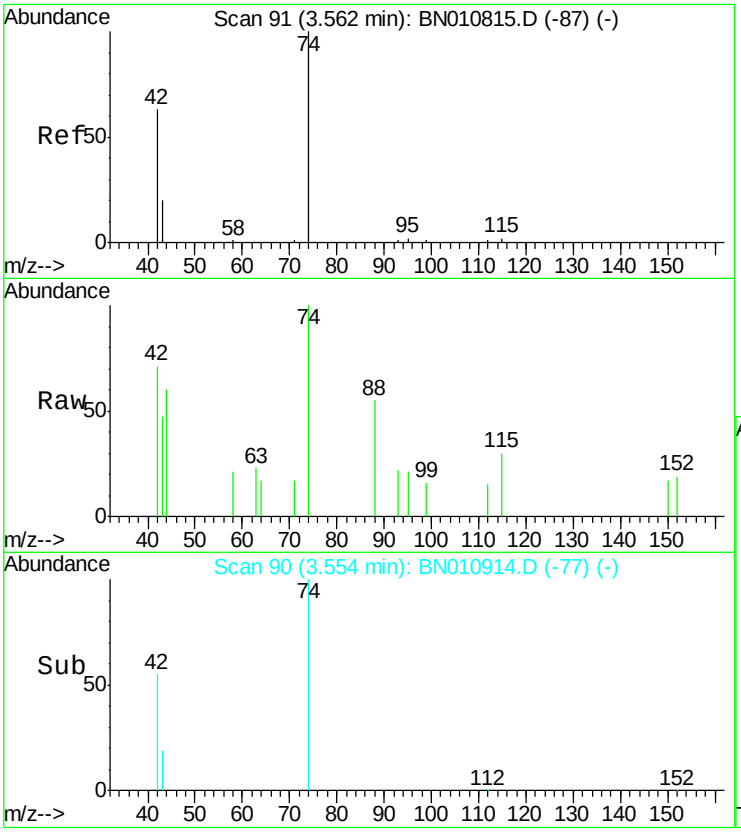


#2
1,4-Dioxane
Concen: 0.408 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion: 88 Resp: 1092

Ion	Ratio	Lower	Upper
88	100		
58	51.7	38.2	57.4
43	19.0	15.1	22.7



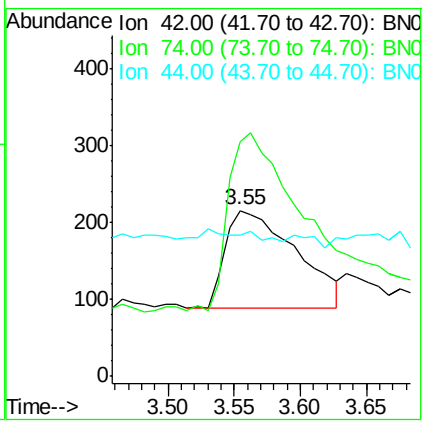


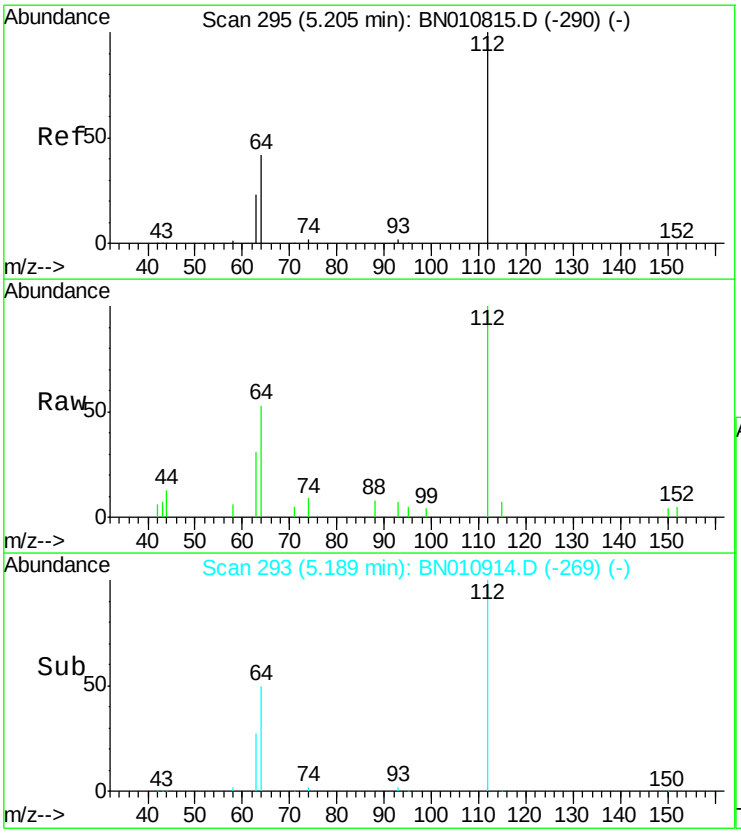
#3
n-Nitrosodimethylamine
Concen: 0.302 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion: 42 Resp: 470

Ion	Ratio	Lower	Upper
42	100		
74	197.2	140.7	211.1
44	0.0	1.4	2.2#

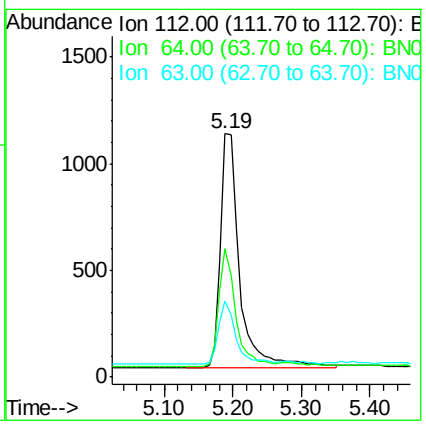


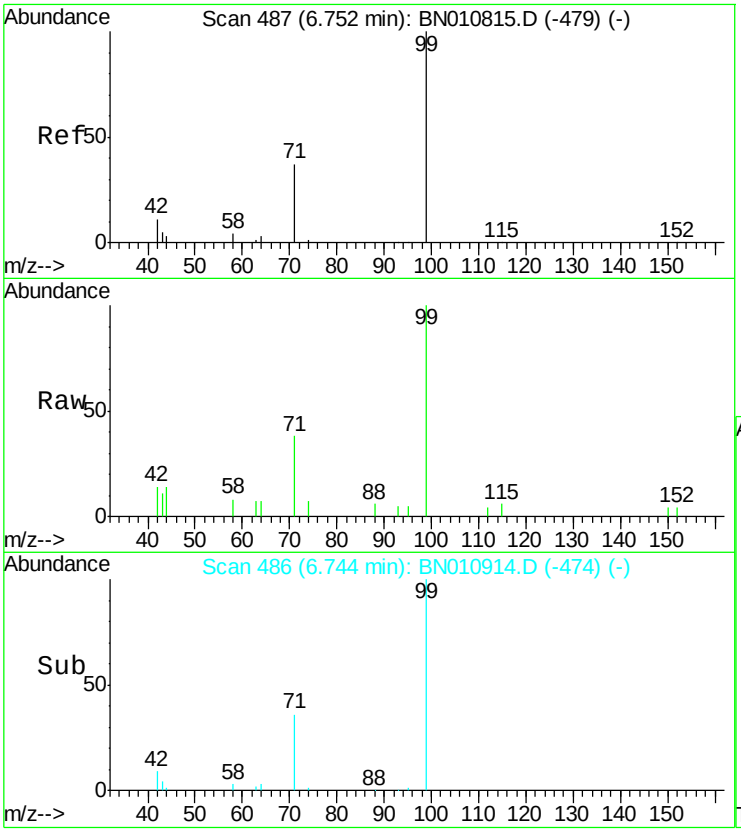


#4
2-Fluorophenol
Concen: 0.405 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:112 Resp: 2134

Ion	Ratio	Lower	Upper
112	100		
64	44.3	37.4	56.0
63	24.1	22.2	33.4



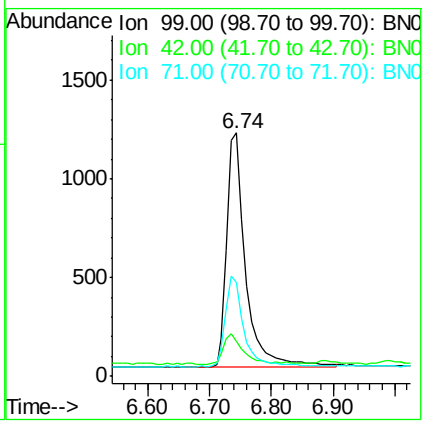


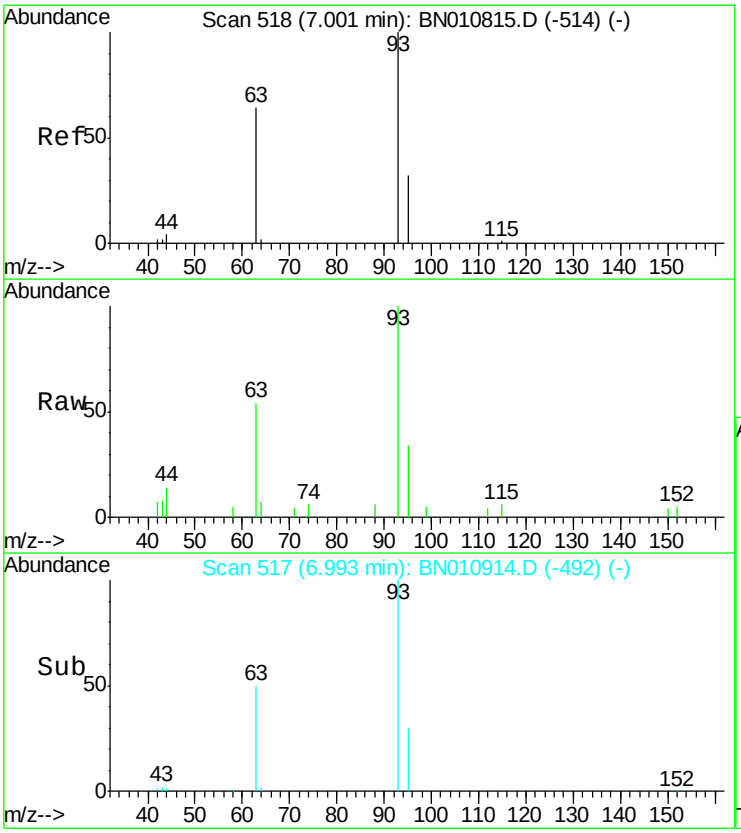
#5
Phenol-d6
Concen: 0.403 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion: 99 Resp: 2501

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.1	16.7
71	37.2	31.4	47.2

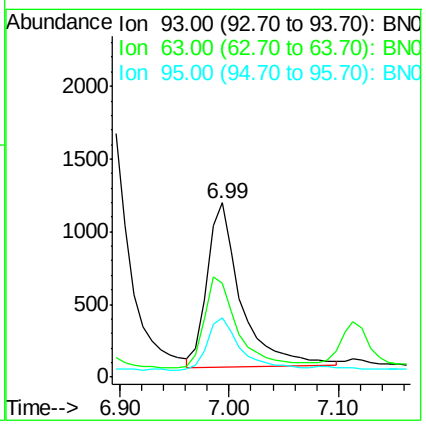


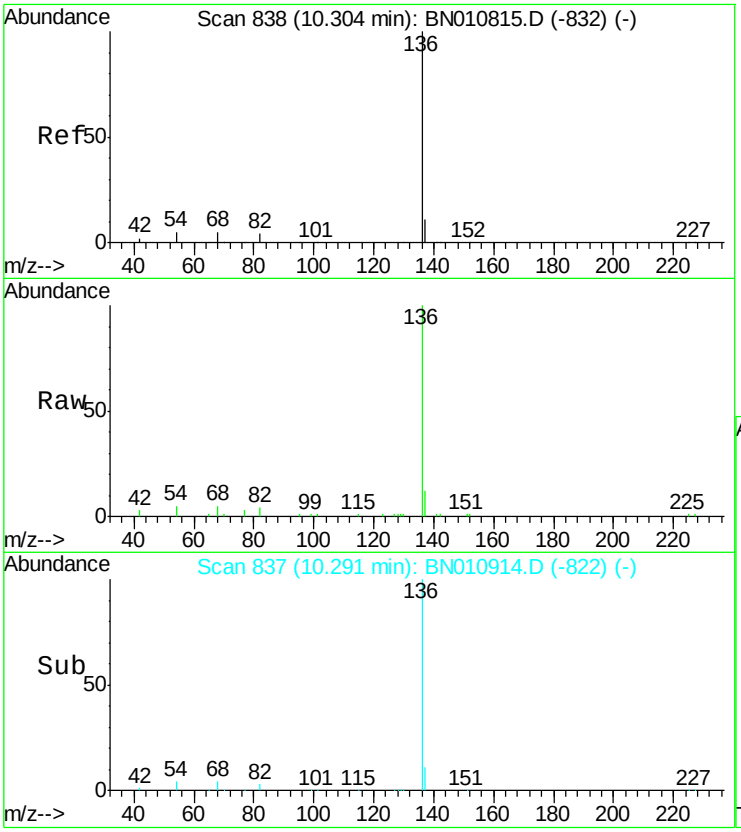


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 6.99 min Scan# 517
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion: 93 Resp: 2420

Ion	Ratio	Lower	Upper
93	100		
63	54.1	49.4	74.2
95	31.8	26.7	40.1



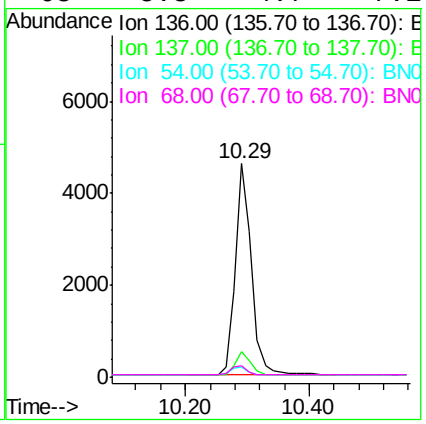


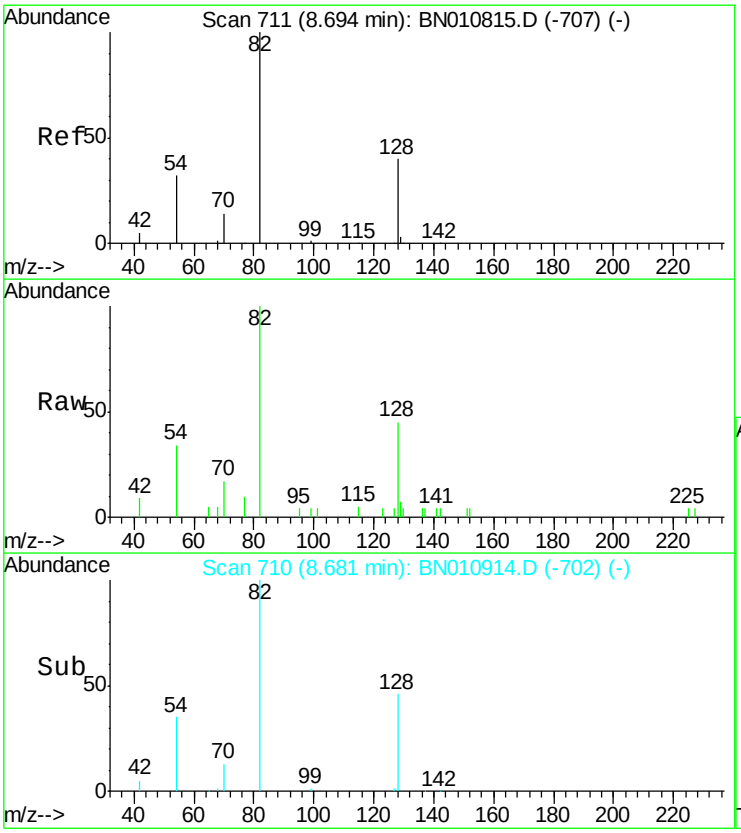
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:136 Resp: 8368

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	4.9	4.9	7.3
68	5.3	4.7	7.1

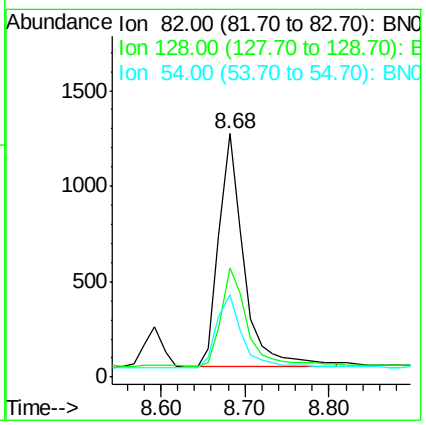


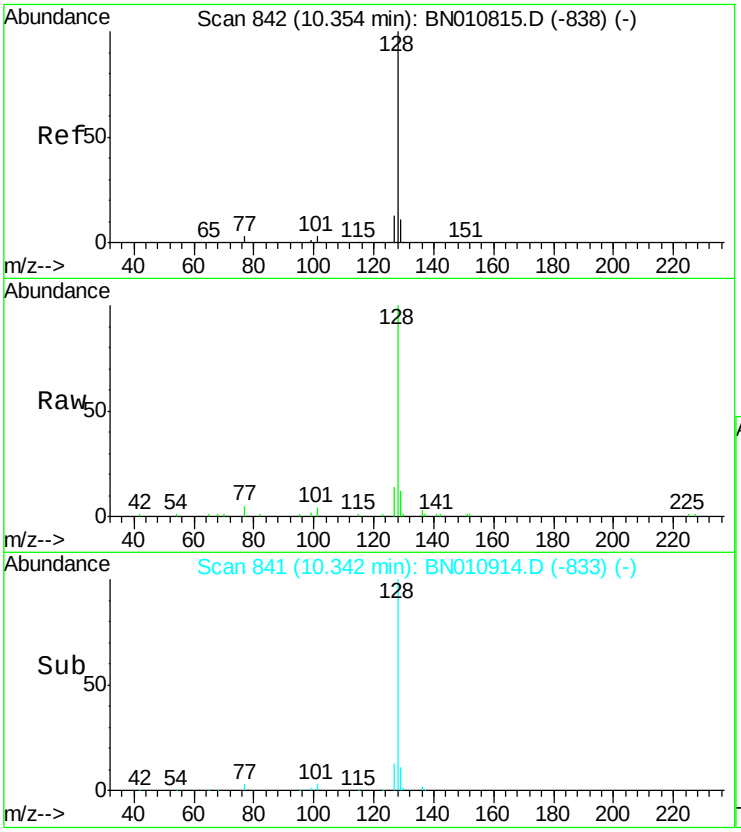


#8
Nitrobenzene-d5
Concen: 0.412 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion: 82 Resp: 2551

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.4	53.0
54	34.0	28.2	42.4



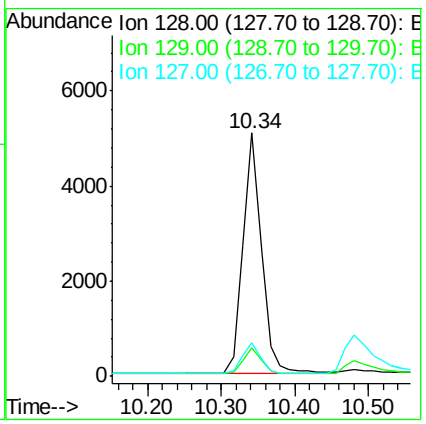


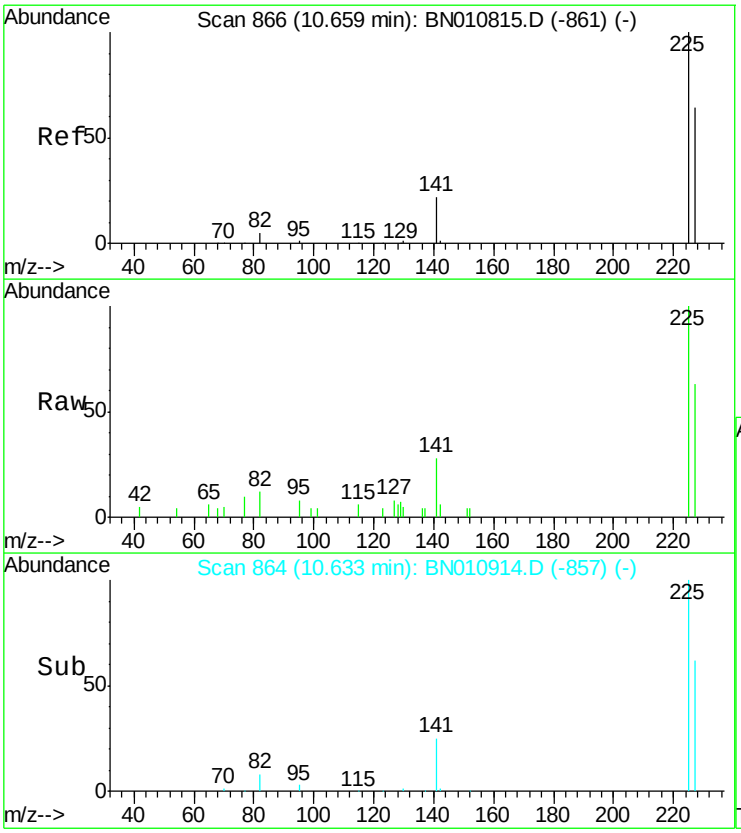
#9
Naphthalene
Concen: 0.424 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:128 Resp: 8921

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	13.9	11.4	17.2

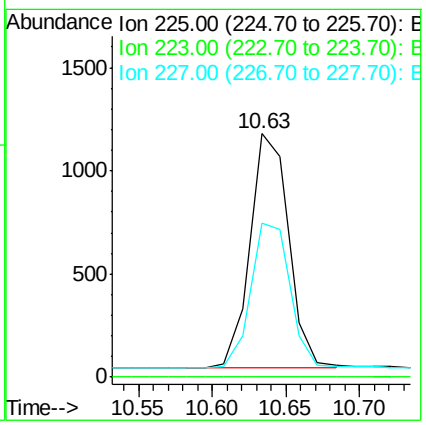


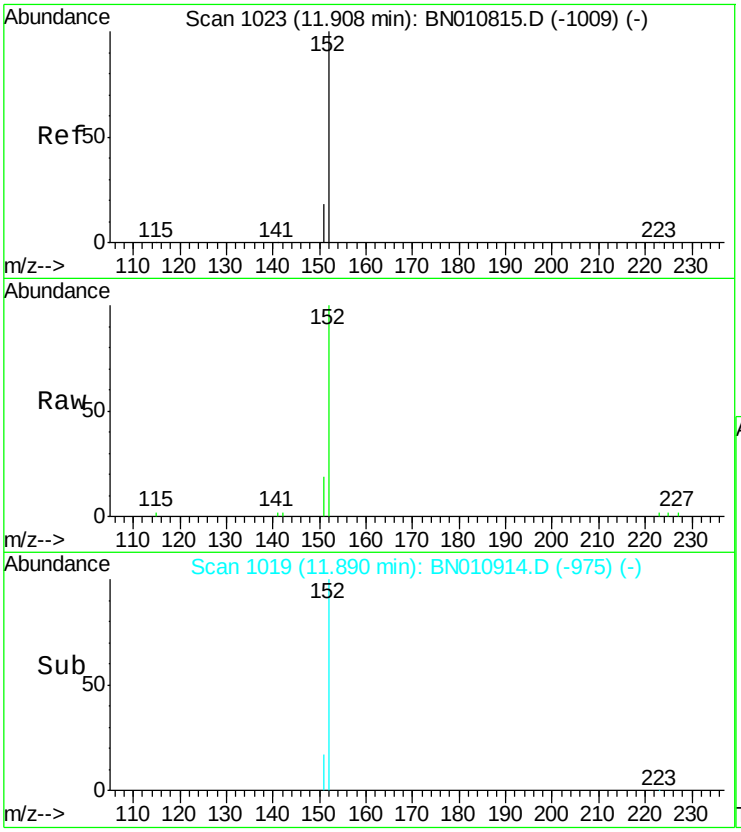


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.63 min Scan# 864
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:225 Resp: 2067

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.5	75.7



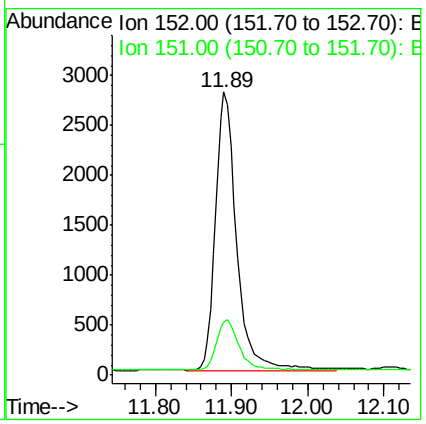


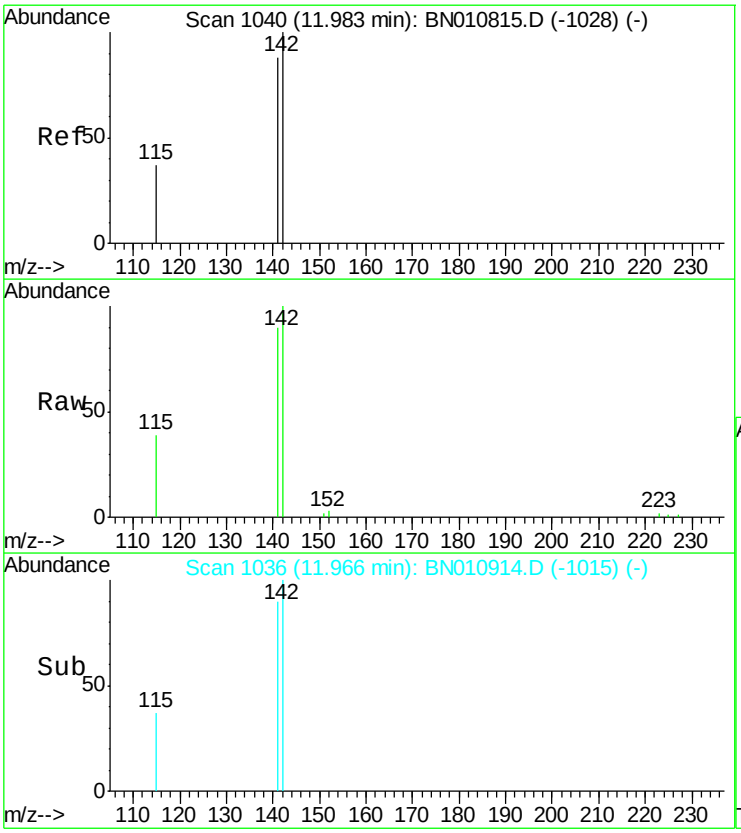
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:152 Resp: 5364

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.3	22.9

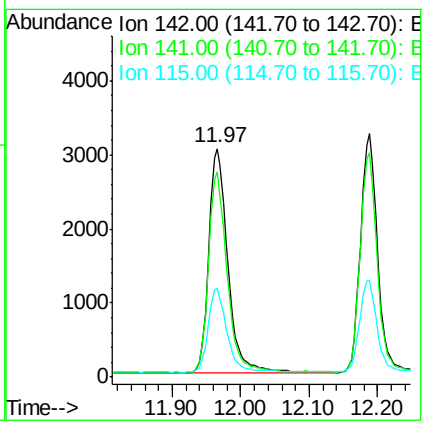


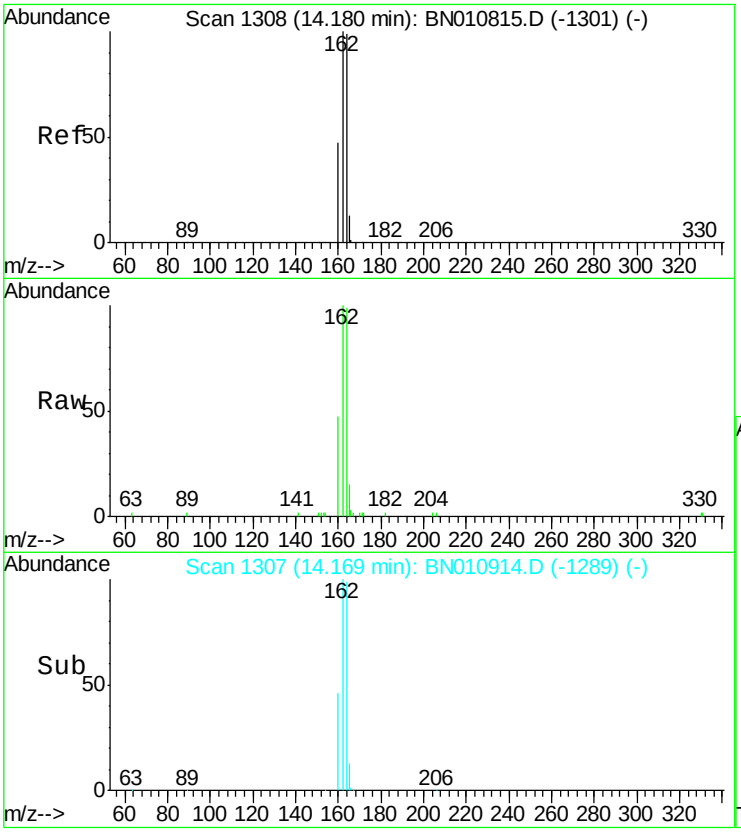


#12
2-Methylnaphthalene
Concen: 0.424 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:142 Resp: 5968

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	38.7	31.5	47.3



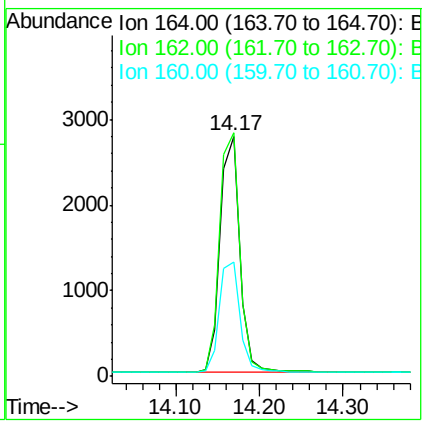


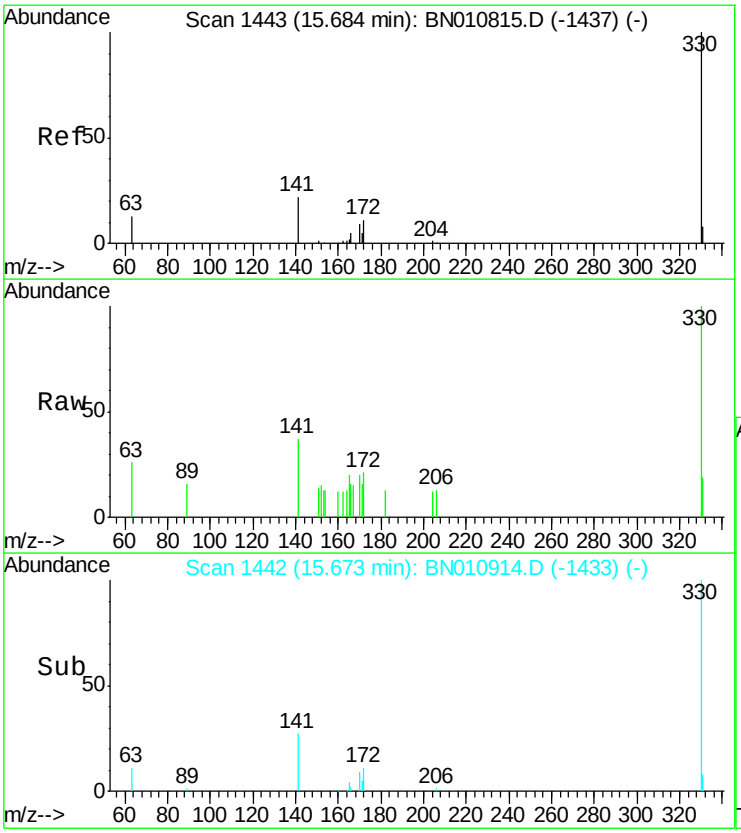
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:164 Resp: 4491

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.0	121.6
160	47.6	38.9	58.3

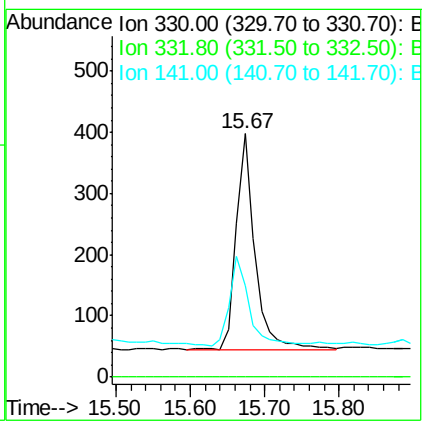


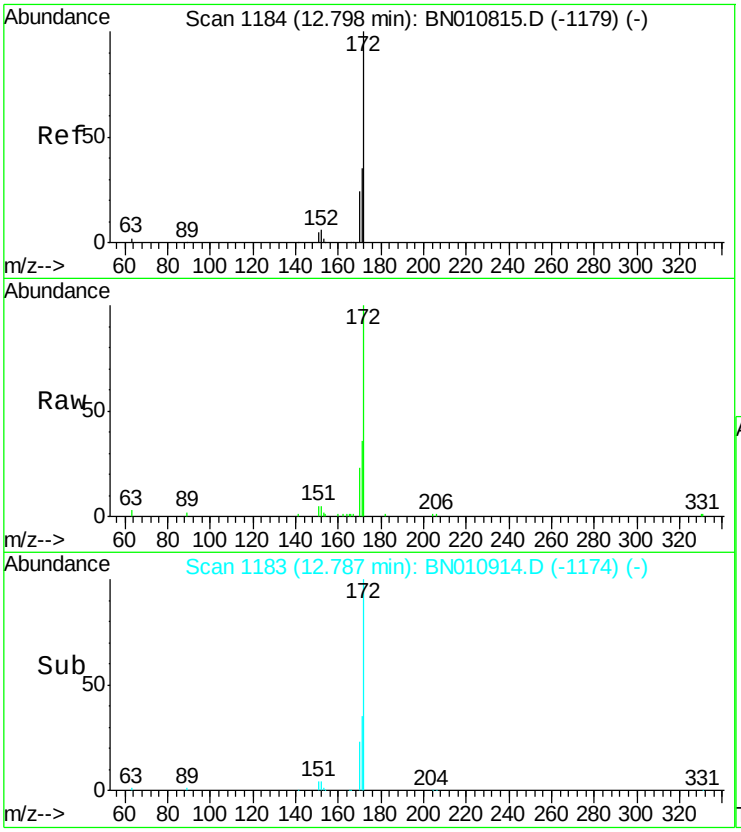


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:330 Resp: 621

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.7	33.2	49.8



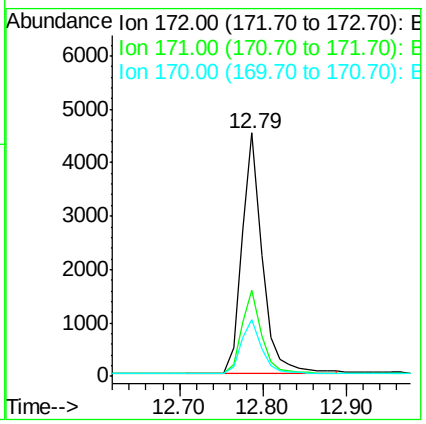


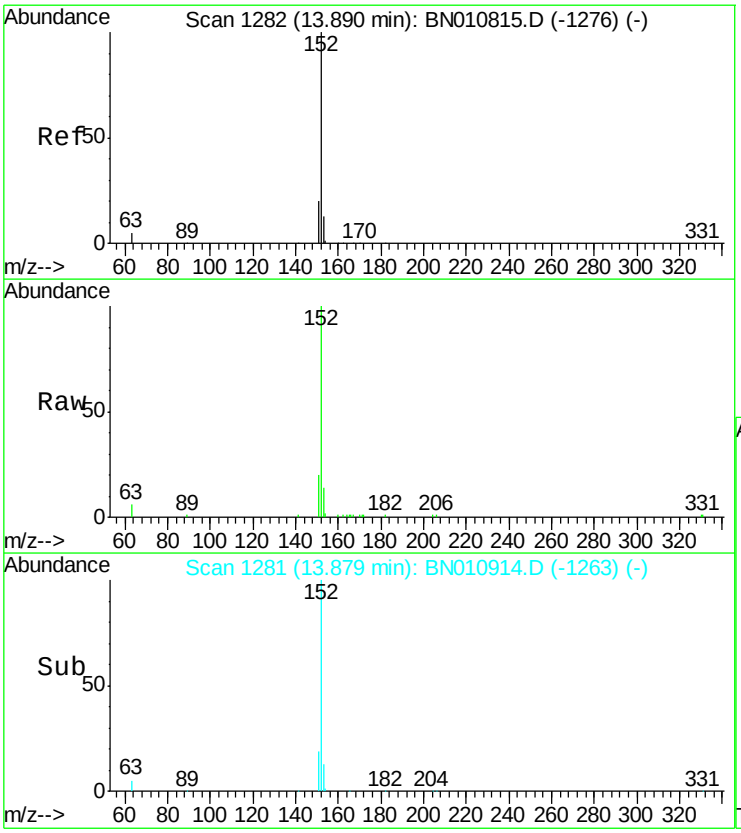
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:172 Resp: 7651

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.4	19.7	29.5

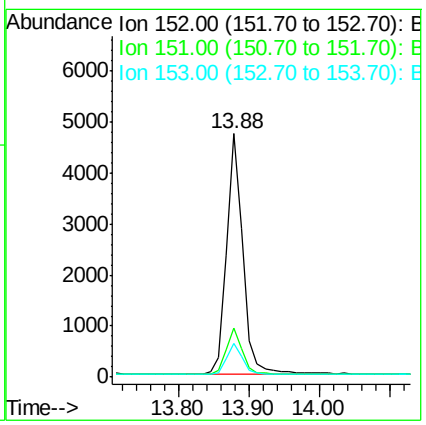


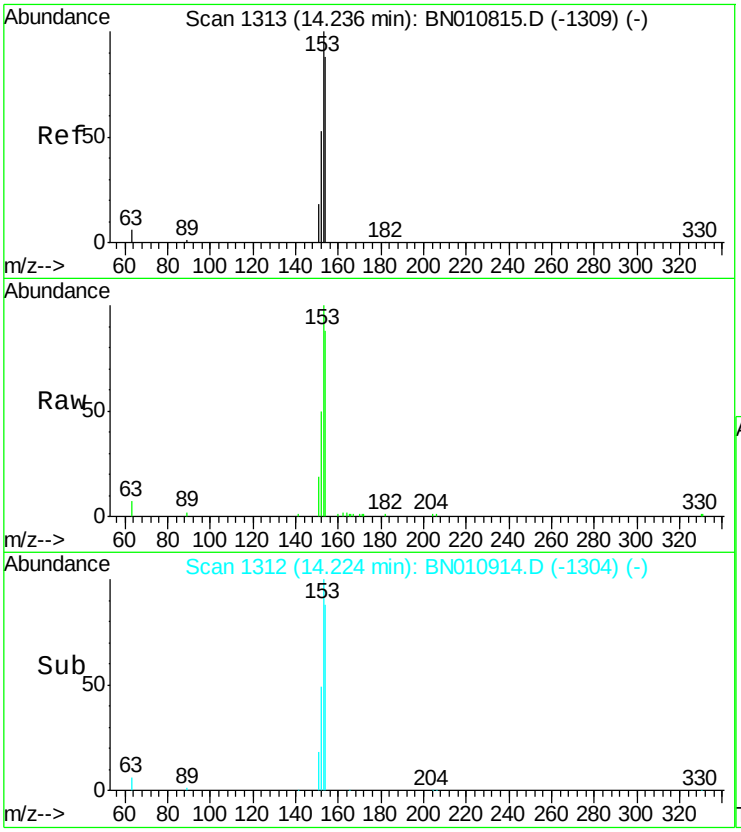


#16
Acenaphthylene
Concen: 0.423 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:152 Resp: 7773

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.2	10.6	16.0



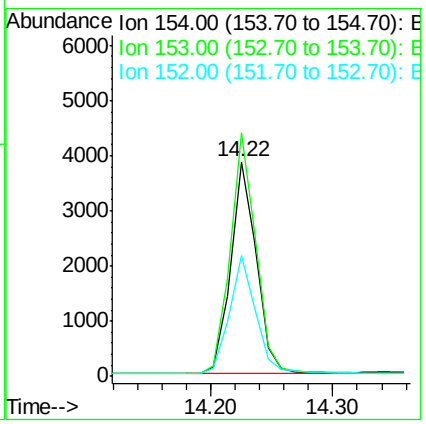


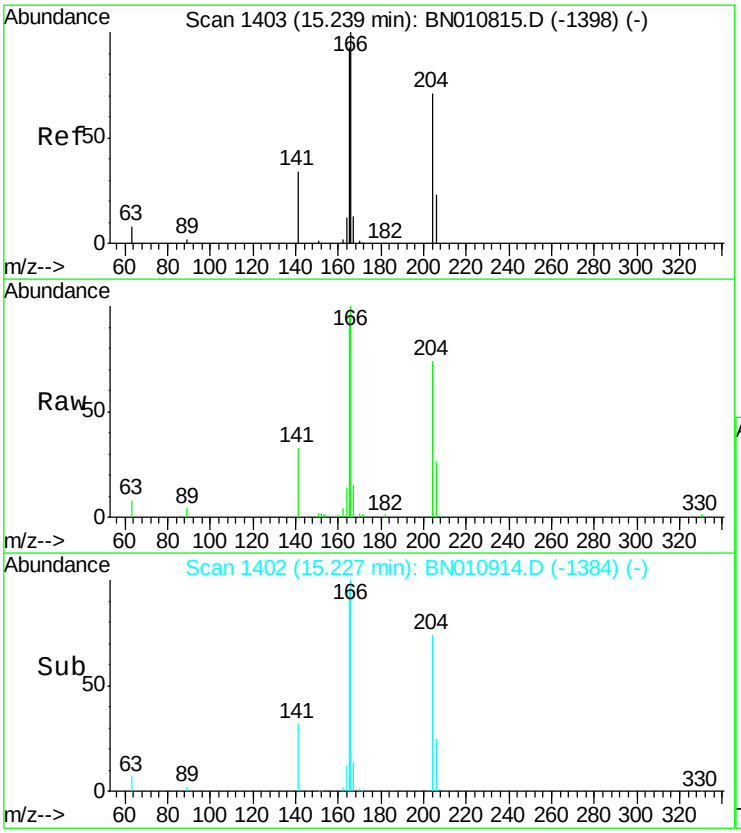
#17
Acenaphthene
Concen: 0.449 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:154 Resp: 5633

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.8	137.6
152	56.5	47.6	71.4

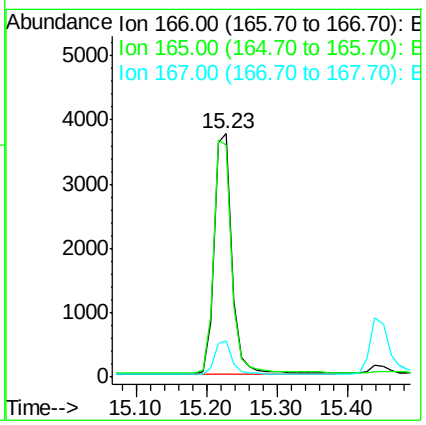


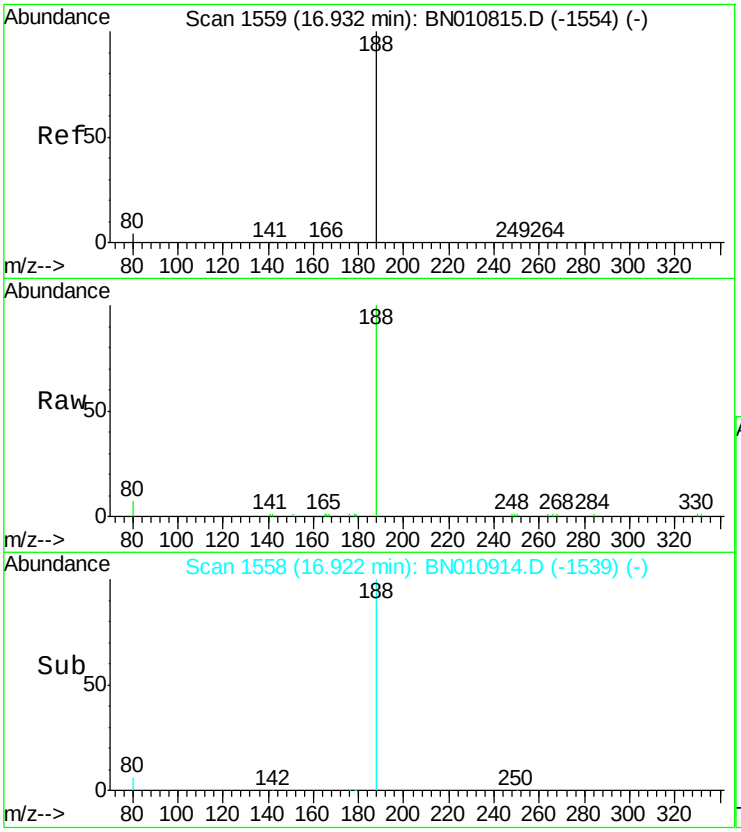


#18
Fluorene
Concen: 0.413 ng
RT: 15.23 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:166 Resp: 6682

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.2	115.8
167	13.6	10.7	16.1



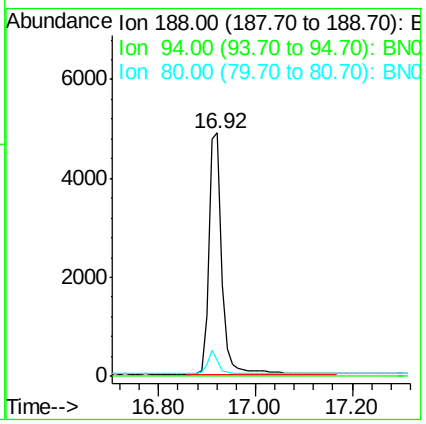


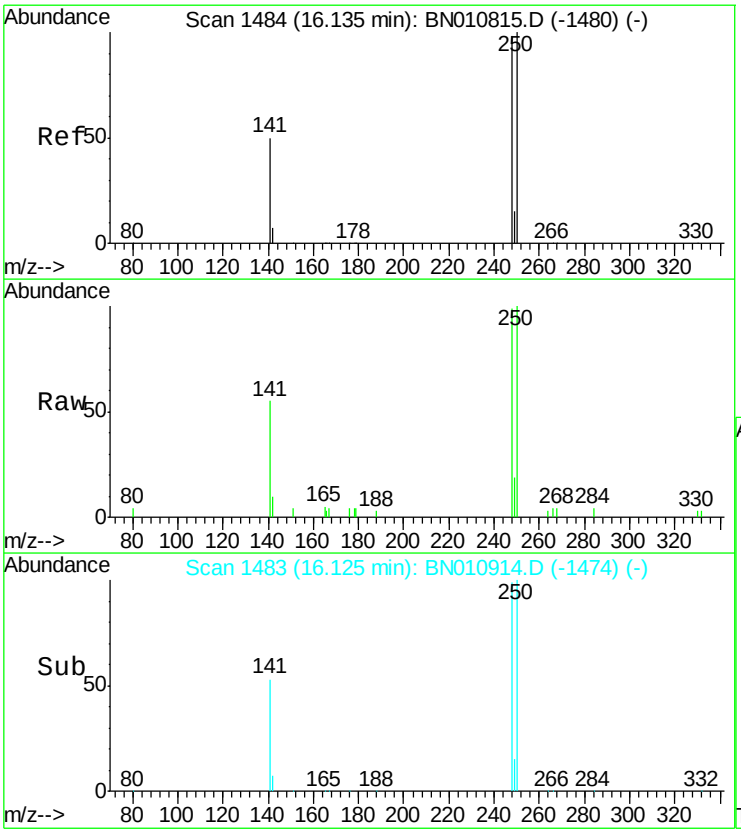
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:188 Resp: 9016

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	4.5	6.7

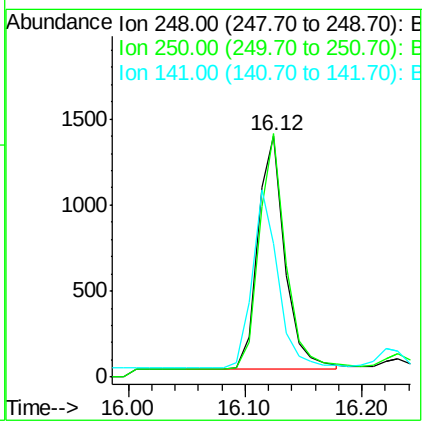


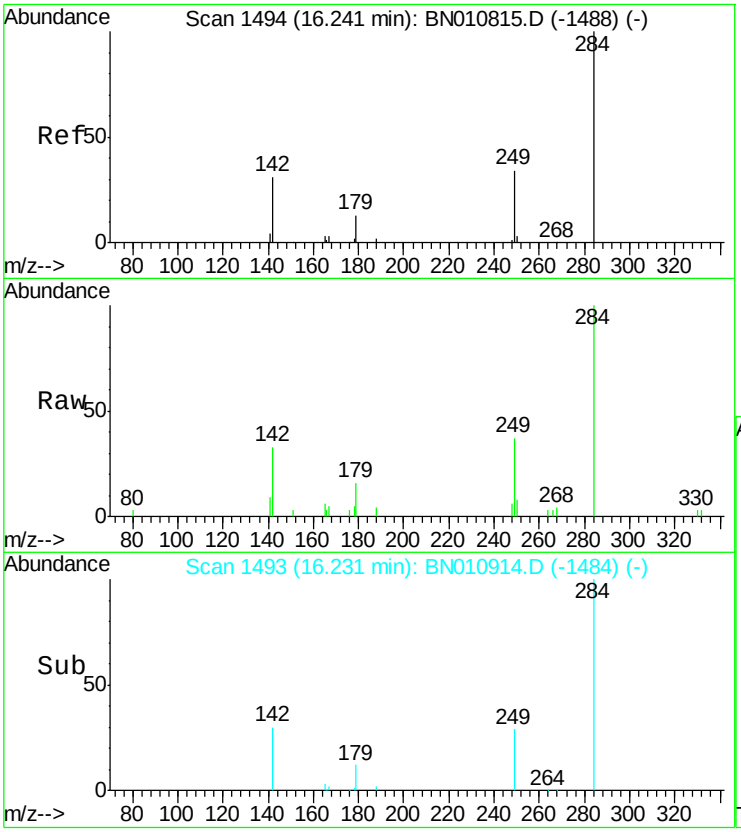


#20
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.12 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:248 Resp: 2195

Ion	Ratio	Lower	Upper
248	100		
250	100.9	81.8	122.8
141	55.3	42.6	64.0



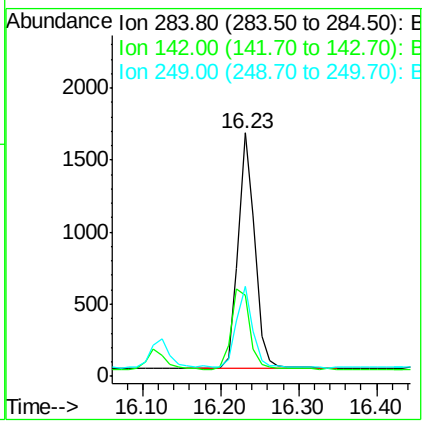


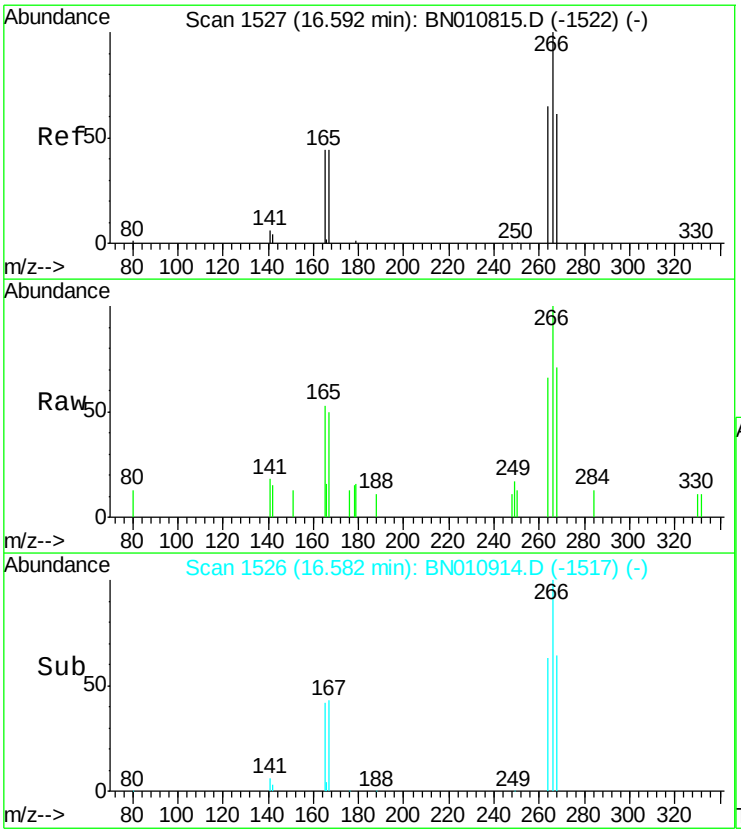
#21
Hexachlorobenzene
Concen: 0.432 ng
RT: 16.23 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:284 Resp: 2443

Ion	Ratio	Lower	Upper
284	100		
142	37.7	31.0	46.4
249	34.6	27.1	40.7

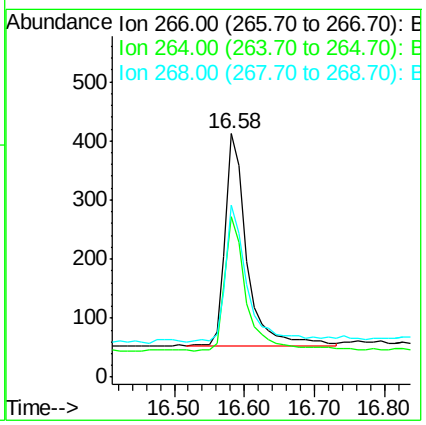


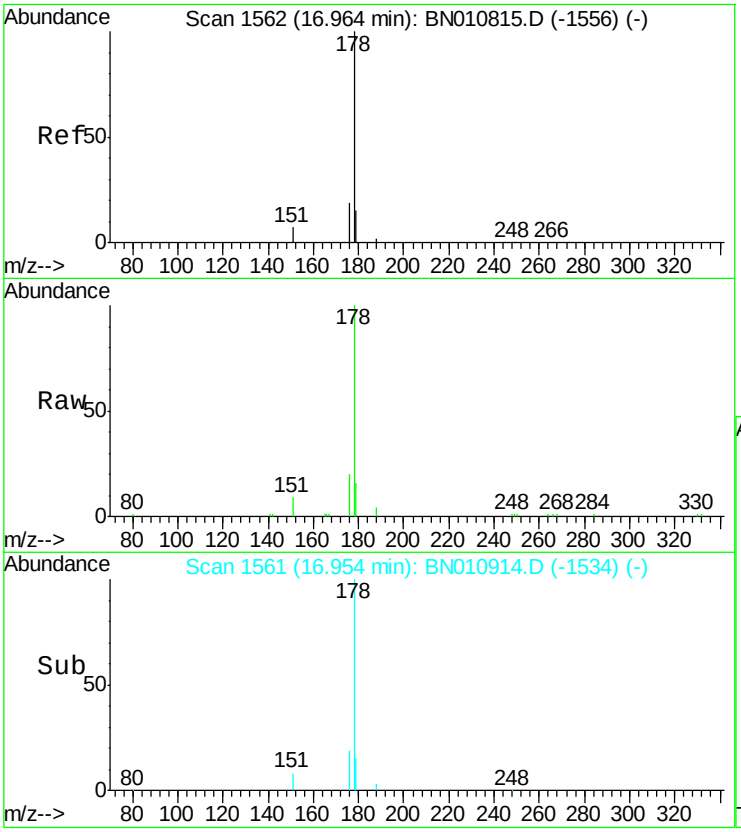


#22
Pentachlorophenol
Concen: 0.405 ng
RT: 16.58 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:266 Resp: 768

Ion	Ratio	Lower	Upper
266	100		
264	65.8	54.8	82.2
268	70.9	55.9	83.9



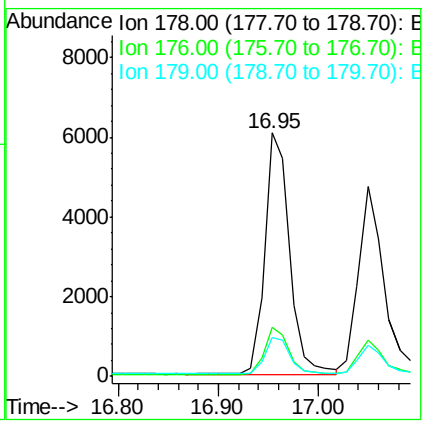


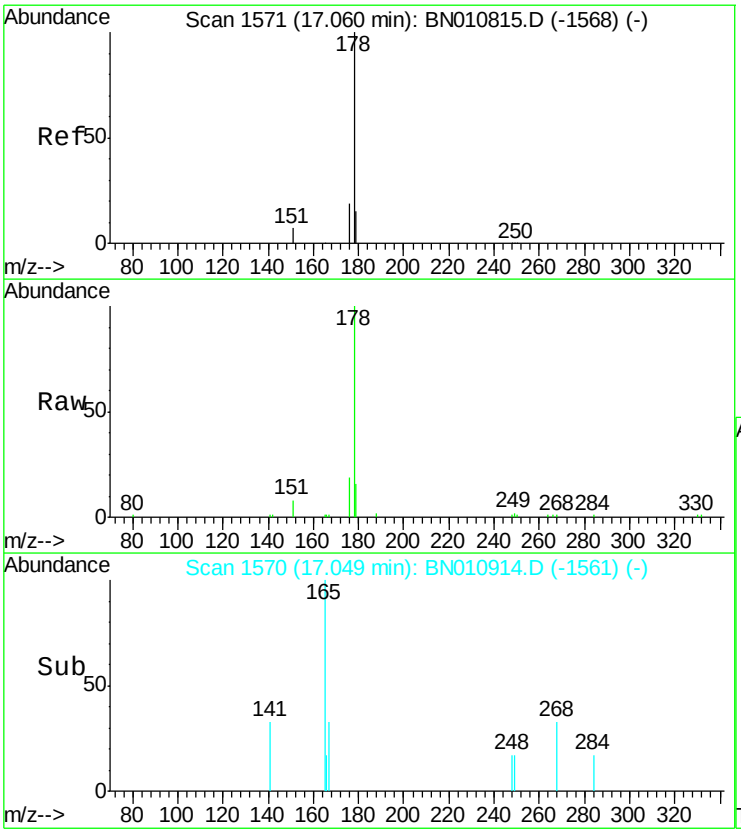
#23
Phenanthrene
Concen: 0.418 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:178 Resp: 10294

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.8	12.6	19.0

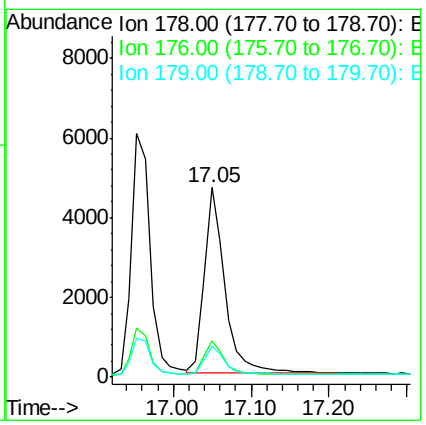


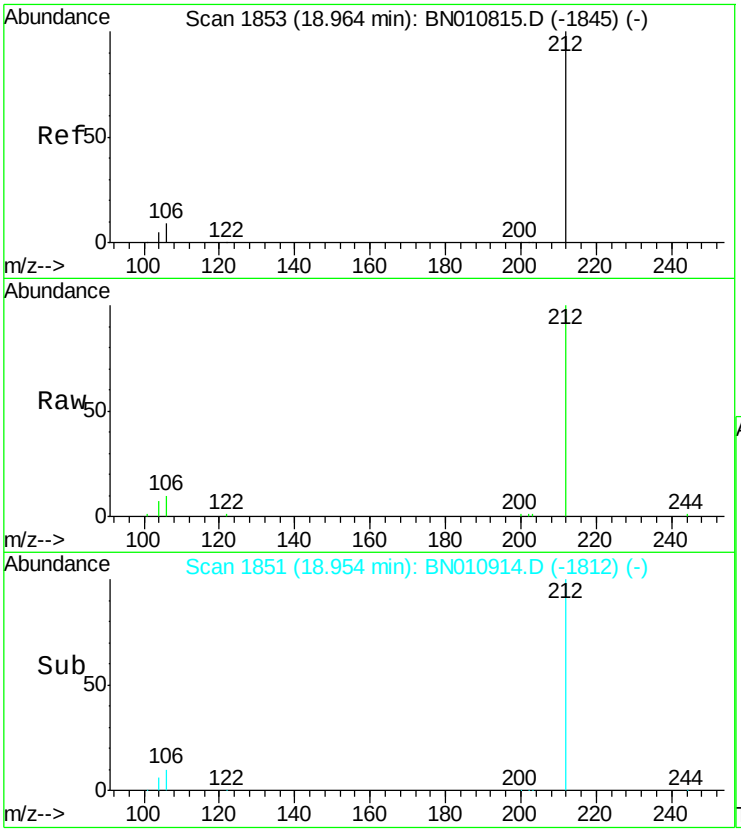


#24
Anthracene
Concen: 0.412 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:178 Resp: 8467

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	14.5	12.3	18.5



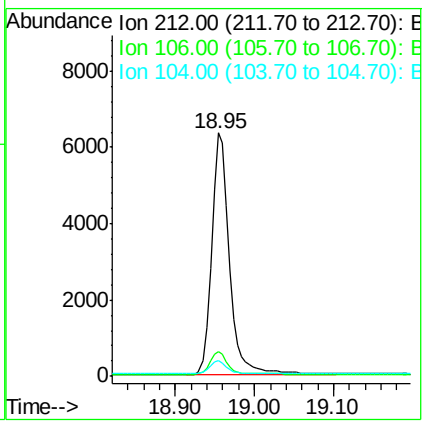


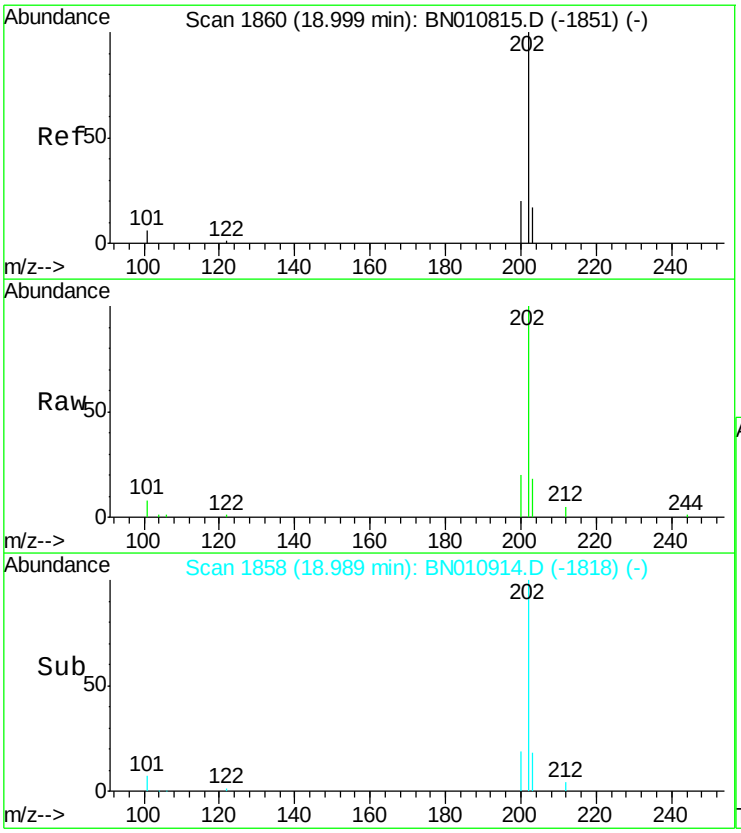
#25
Fluoranthene-d10
Concen: 0.403 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:212 Resp: 10018

Ion	Ratio	Lower	Upper
212	100		
106	9.4	6.6	10.0
104	5.4	4.0	6.0

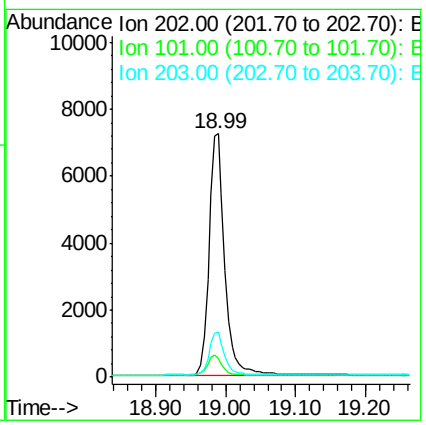


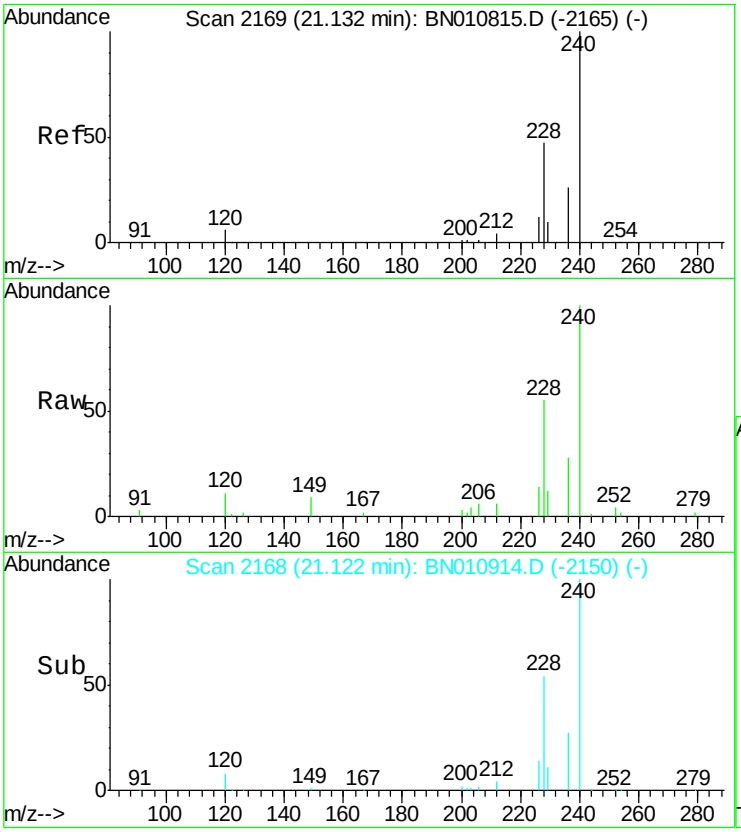


#26
Fluoranthene
Concen: 0.403 ng
RT: 18.99 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:202 Resp: 11260

Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.8	8.6
203	17.3	13.7	20.5



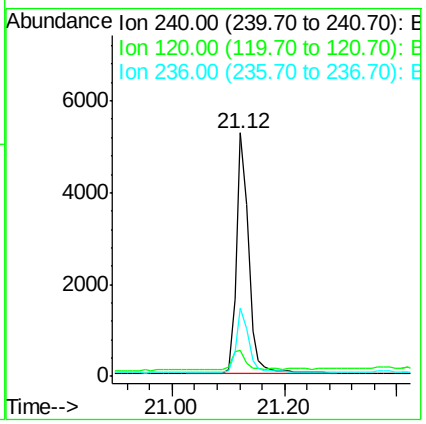


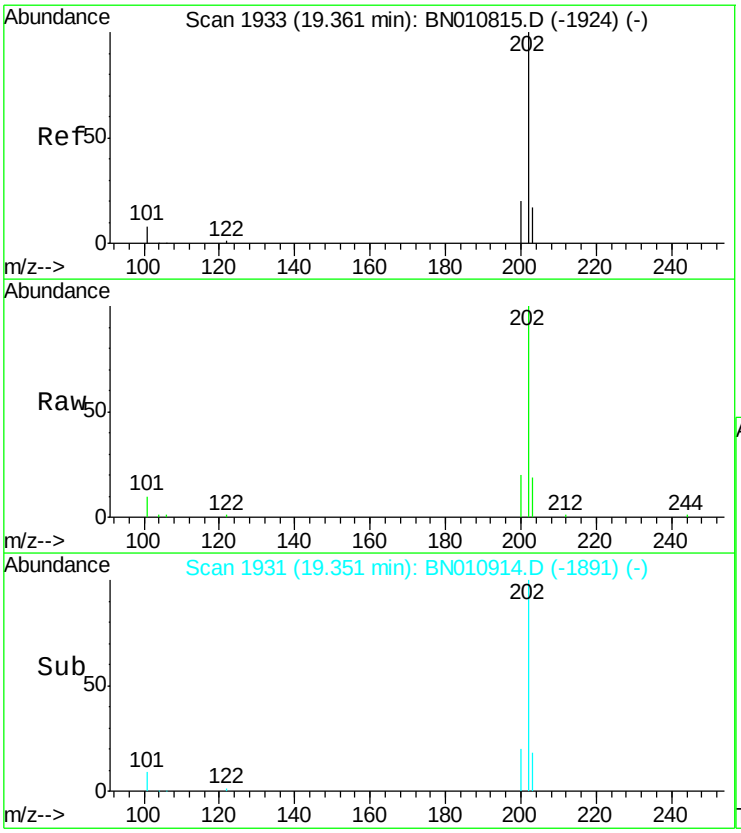
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument : BNA_N
ClientSampleId : PB129554BS

Tgt Ion:240 Resp: 8027

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.5	11.3
236	27.9	22.3	33.5

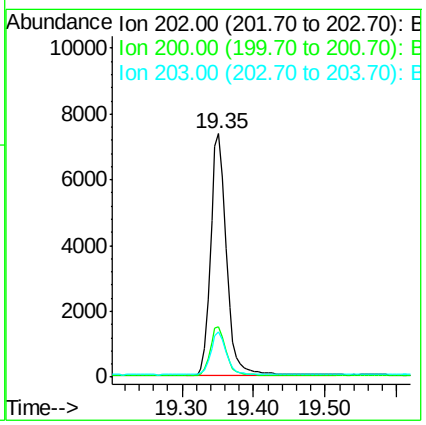


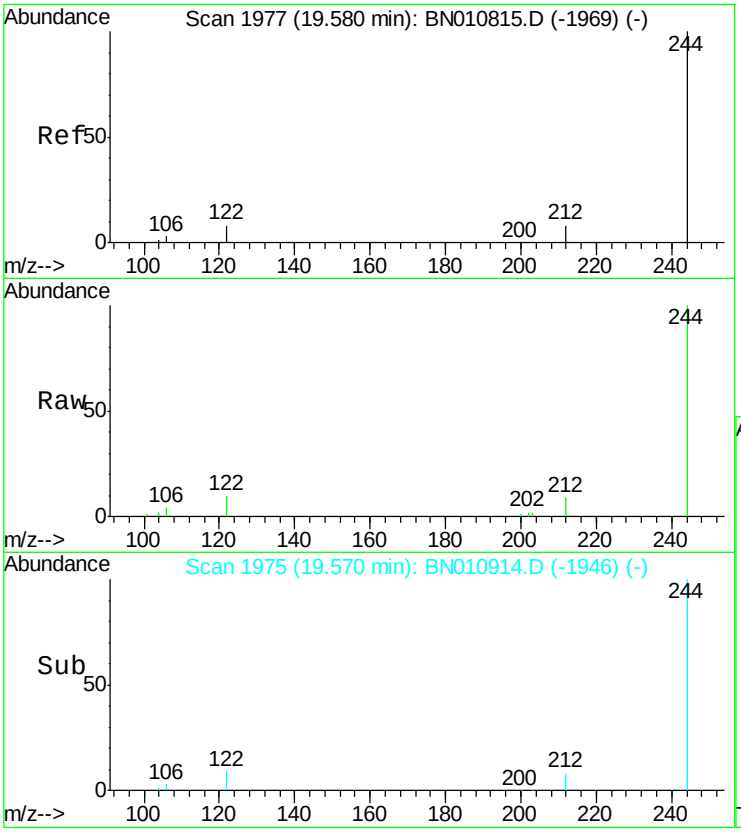


#28
Pyrene
Concen: 0.424 ng
RT: 19.35 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:202 Resp: 11249

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.5	14.2	21.4



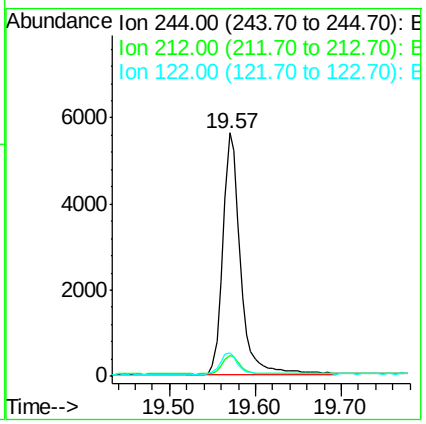


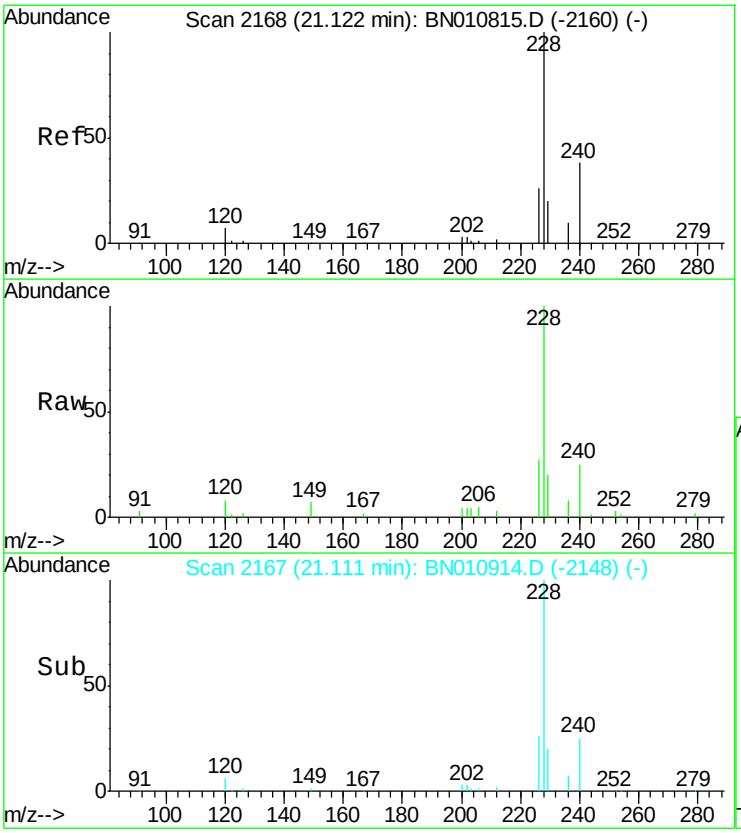
#29
Terphenyl-d14
Concen: 0.425 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:244 Resp: 7991

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	9.9	7.5	11.3

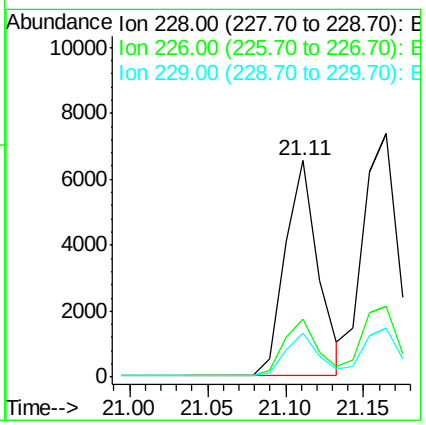


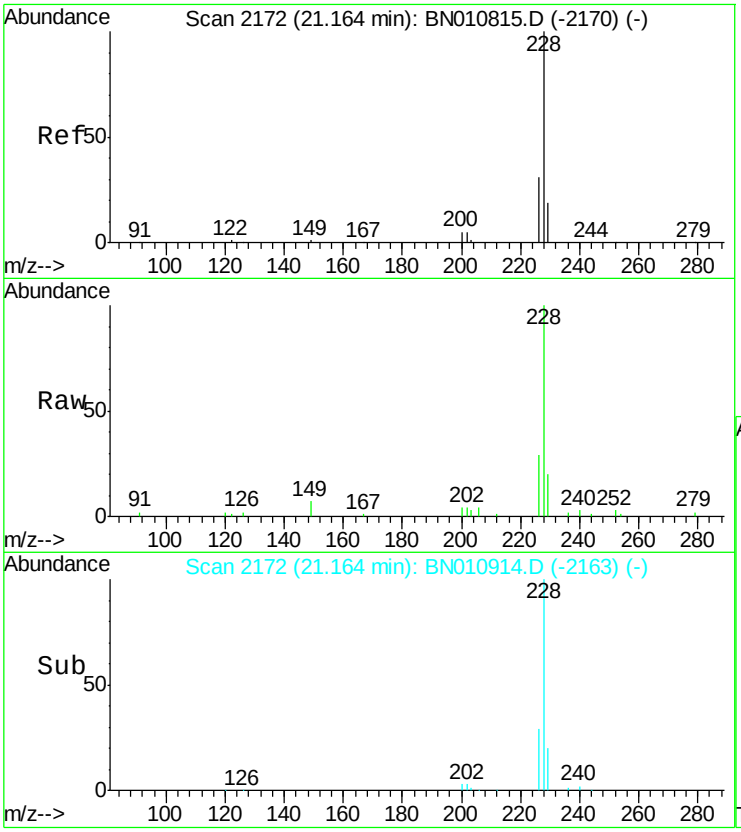


#30
Benzo(a)anthracene
Concen: 0.404 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:228 Resp: 9535

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.2	16.6	24.8



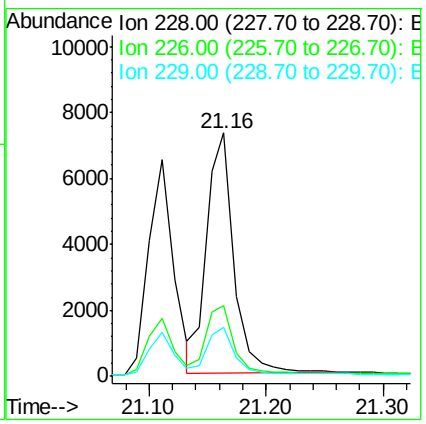


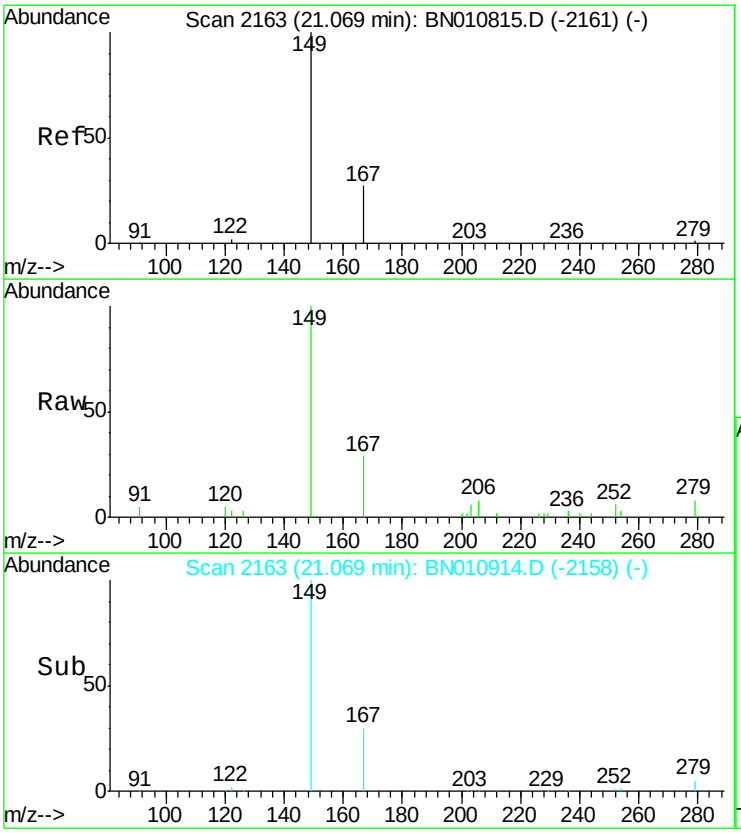
#31
Chrysene
Concen: 0.429 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:228 Resp: 11805

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	20.2	16.1	24.1

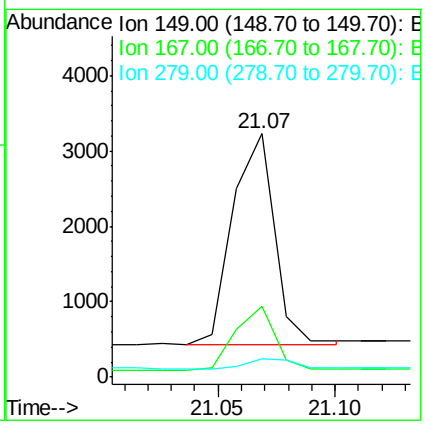


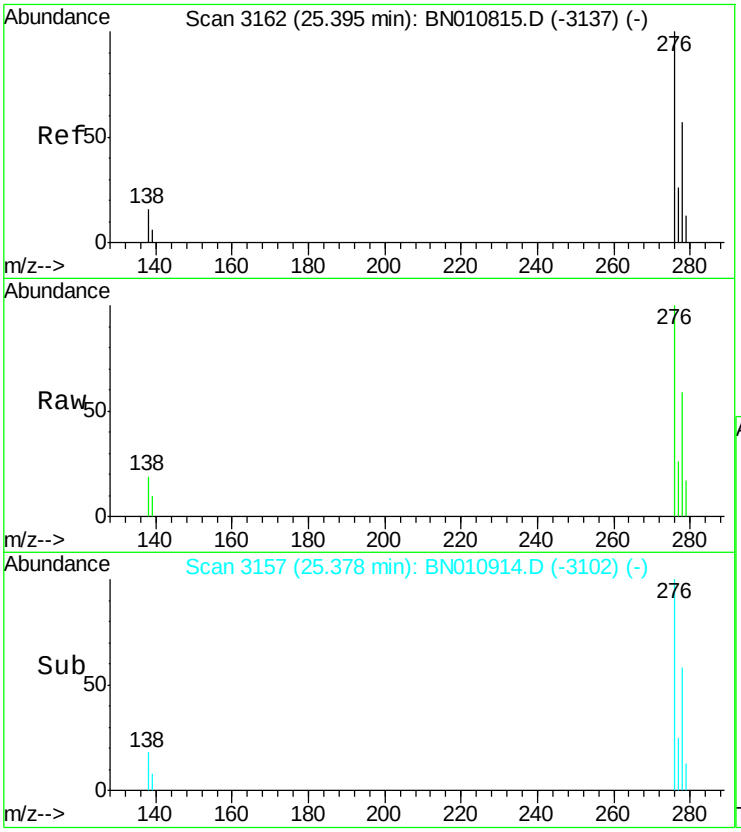


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.444 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:149 Resp: 3491

Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.1	36.1
279	5.4	4.6	7.0



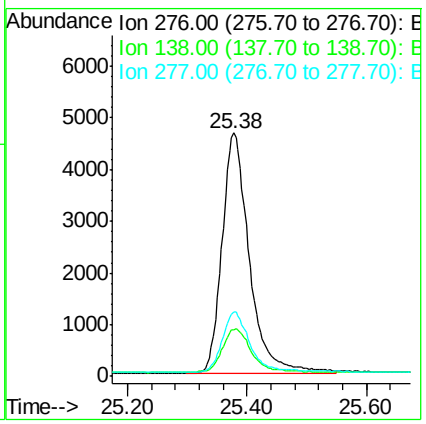


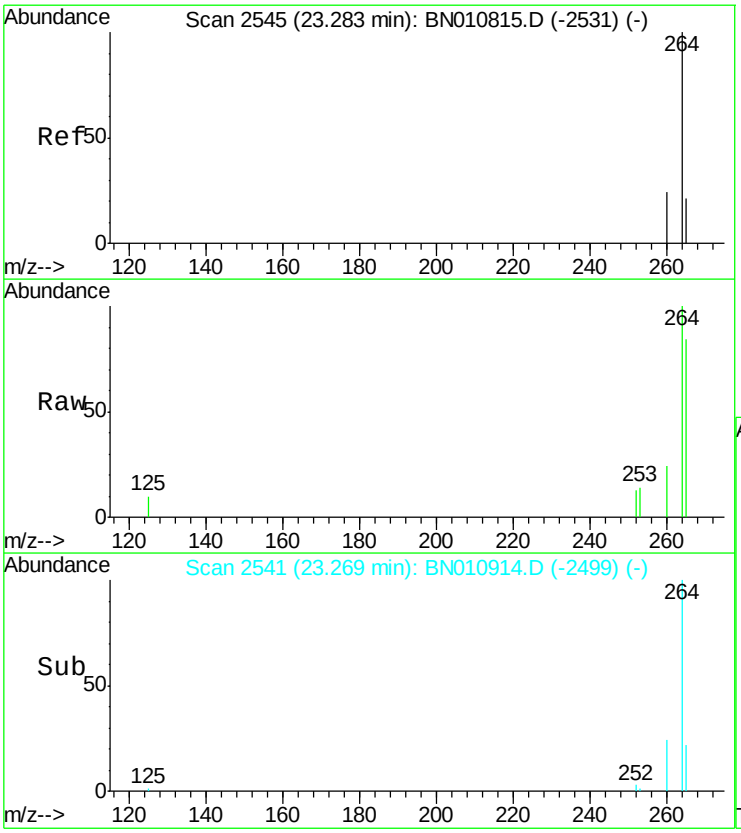
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.485 ng
RT: 25.38 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:276 Resp: 14896

Ion	Ratio	Lower	Upper
276	100		
138	18.7	13.0	19.6
277	24.4	19.7	29.5

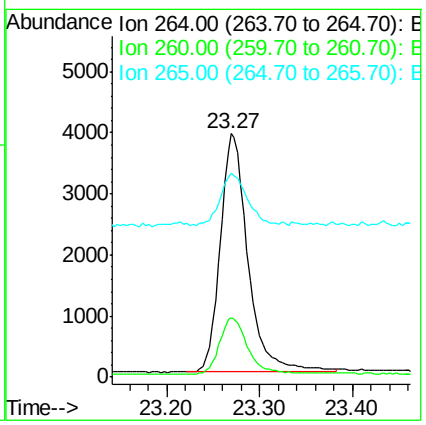


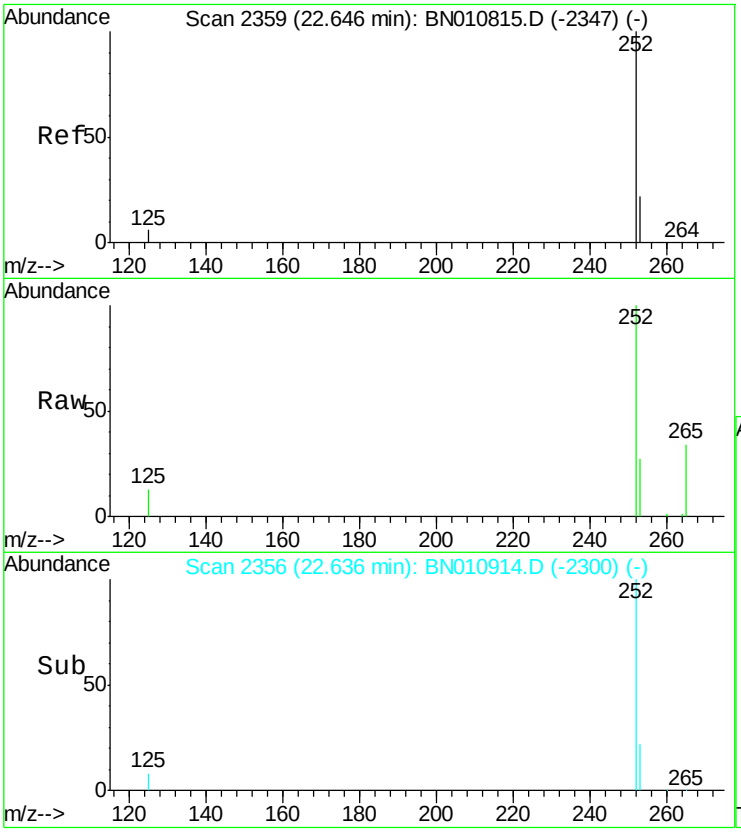


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:264 Resp: 8214

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.4	30.6
265	83.6	75.0	112.4



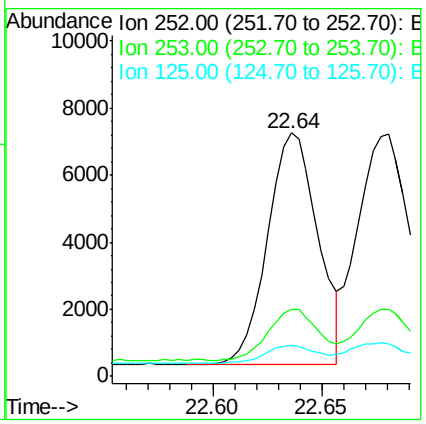


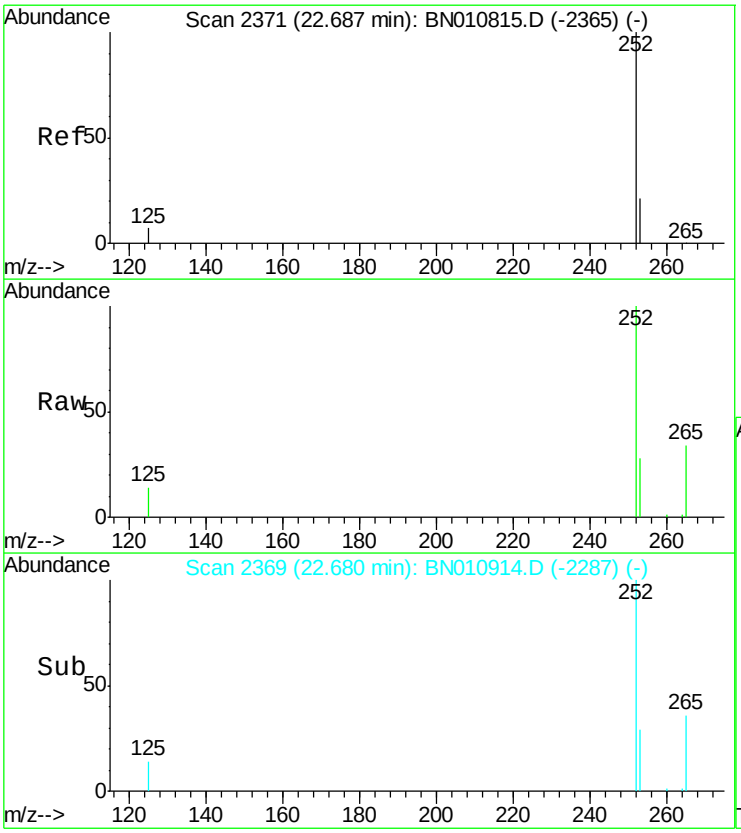
#35
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 22.64 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:252 Resp: 11104

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.4	33.6
125	12.6	9.4	14.0

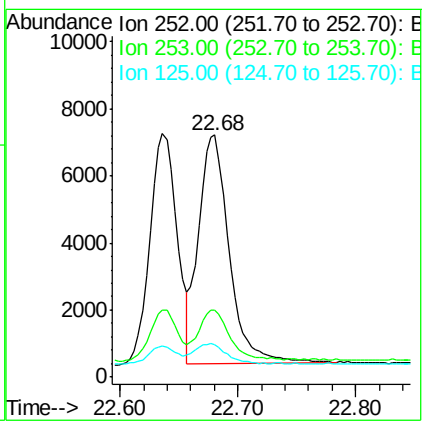


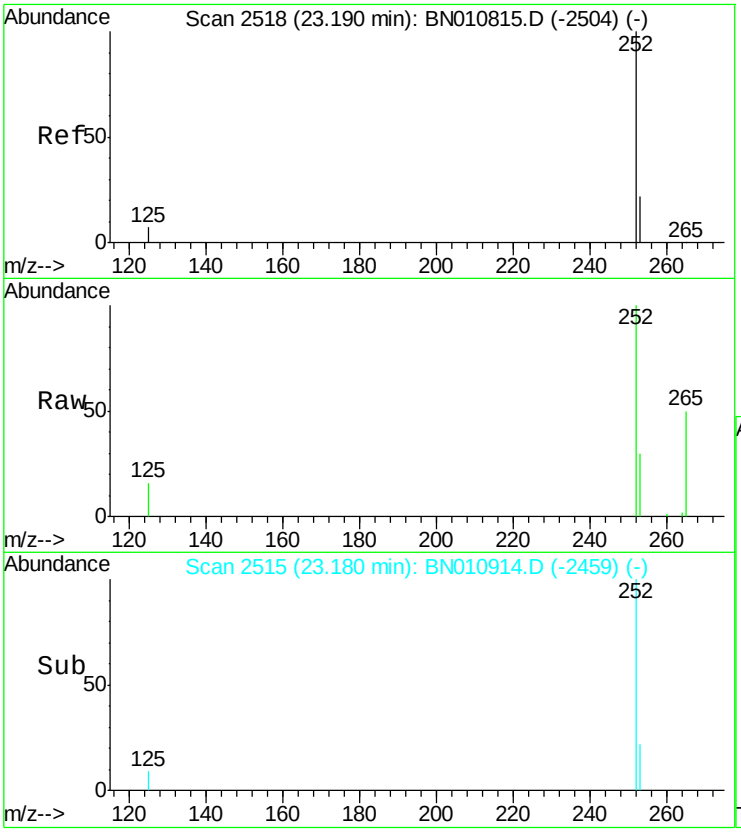


#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.68 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:252 Resp: 12350

Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.2	33.4
125	13.5	9.8	14.8



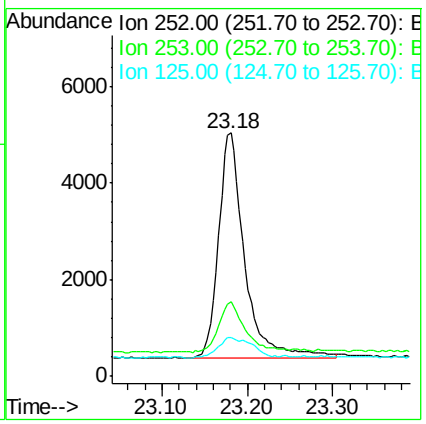


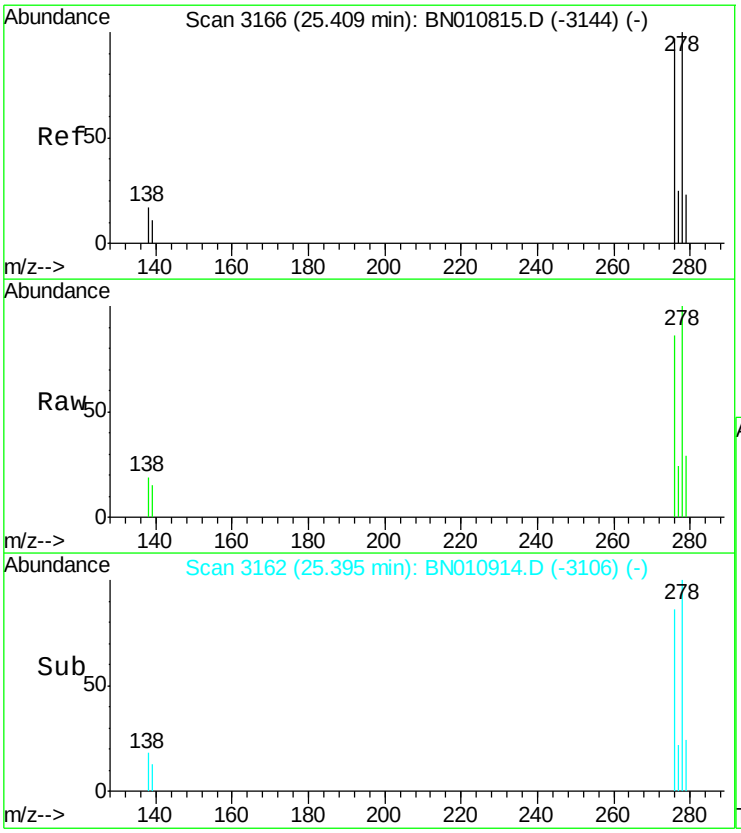
#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.18 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:252 Resp: 9799

Ion	Ratio	Lower	Upper
252	100		
253	30.5	25.8	38.8
125	16.1	12.4	18.6

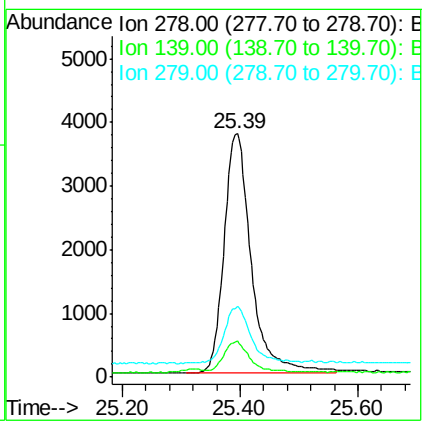


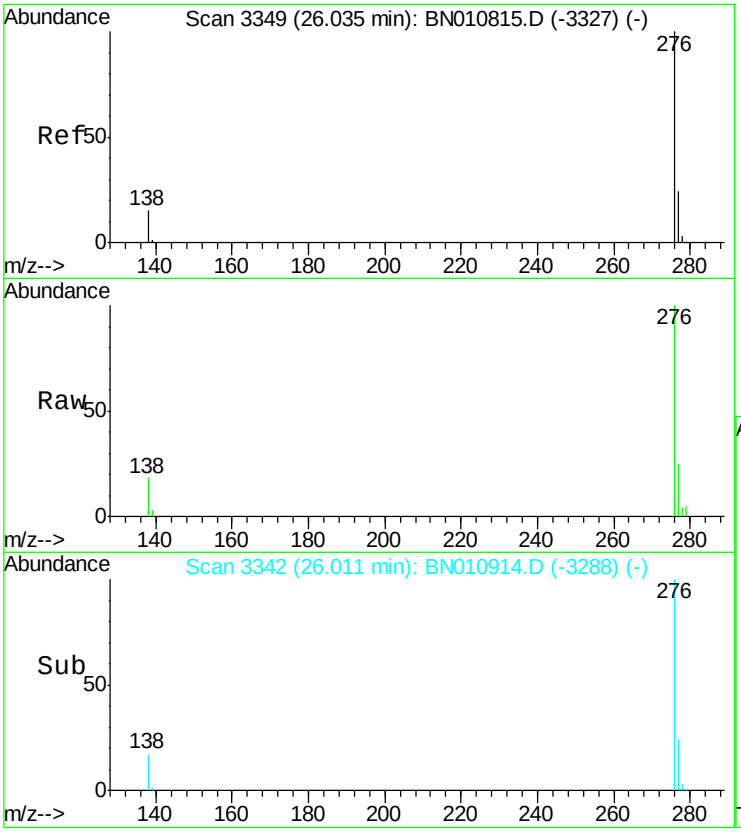


#38
Dibenzo(a,h)anthracene
Concen: 0.443 ng
RT: 25.39 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Tgt Ion:278 Resp: 12109

Ion	Ratio	Lower	Upper
278	100		
139	14.6	10.6	15.8
279	29.2	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.442 ng
RT: 26.01 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BN010914.D
Acq: 16 Jun 2020 19:28

Instrument :
BNA_N
ClientSampleId :
PB129554BS

Tgt Ion:276 Resp: 12627

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.5	30.7
138	18.2	13.7	20.5