Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
Data File : BN011226.D
Acq On : 22 Jul 2020 20:13
Operator : CG/JU
Sample : PB130401BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130401BS

Quant Time: Jul 23 03:56:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1425	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	4972	0.40	ng		0.00
13) Acenaphthene-d10	14.12	164	2932	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	6735	0.40	ng		0.00
29) Chrysene-d12	21.09	240	5017	0.40	ng		-0.01
36) Perylene-d12	23.22	264	4701	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.15	112	1222	0.35	ng		0.00
5) Phenol-d6	6.70	99	1404	0.35	ng		0.00
8) Nitrobenzene-d5	8.64	82	1779	0.40	ng		0.01
11) 2-Methylnaphthalene-d10	11.84	152	2744	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.63	330	420	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.73	172	5121	0.37	ng		0.00
27) Fluoranthene-d10	18.92	212	5962	0.28	ng		0.00
31) Terphenyl-d14	19.54	244	6052	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	404	0.198	ng	#	81
3) n-Nitrosodimethylamine	3.52	42	367	0.358	ng	#	76
6) bis(2-Chloroethyl)ether	6.94	93	1098	0.302	ng		99
9) Naphthalene	10.29	128	4554	0.308	ng		99
10) Hexachlorobutadiene	10.58	225	1039	0.283	ng	#	99
12) 2-Methylnaphthalene	11.91	142	3114	0.335	ng		99
16) Acenaphthylene	13.84	152	4411	0.296	ng		100
17) Acenaphthene	14.18	154	2880	0.289	ng		97
18) Fluorene	15.18	166	3847	0.301	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	219	0.307	ng		90
21) 4-Bromophenyl-phenylether	16.08	248	1235	0.270	ng		93
22) Hexachlorobenzene	16.19	284	1365	0.256	ng		96
23) Atrazine	16.37	200	892	0.278	ng		98
24) Pentachlorophenol	16.54	266	851	0.538	ng		97
25) Phenanthrene	16.91	178	6201	0.287	ng		100
26) Anthracene	17.00	178	5095	0.283	ng		99
28) Fluoranthene	18.95	202	7144	0.275	ng		99
30) Pyrene	19.31	202	7132	0.372	ng		100
32) Benzo(a)anthracene	21.08	228	5039	0.310	ng		99
33) Chrysene	21.13	228	6564	0.330	ng		100
34) Bis(2-ethylhexyl)phthalate	21.04	149	2533	0.378	ng		96
35) Indeno(1,2,3-cd)pyrene	25.31	276	6124	0.281	ng		100
37) Benzo(b)fluoranthene	22.59	252	5456	0.289	ng		98
38) Benzo(k)fluoranthene	22.63	252	6398	0.300	ng		96
39) Benzo(a)pyrene	23.13	252	4774	0.281	ng		93
40) Dibenzo(a,h)anthracene	25.33	278	4626	0.257	ng		93
41) Benzo(g,h,i)perylene	25.93	276	5928	0.300	ng		97

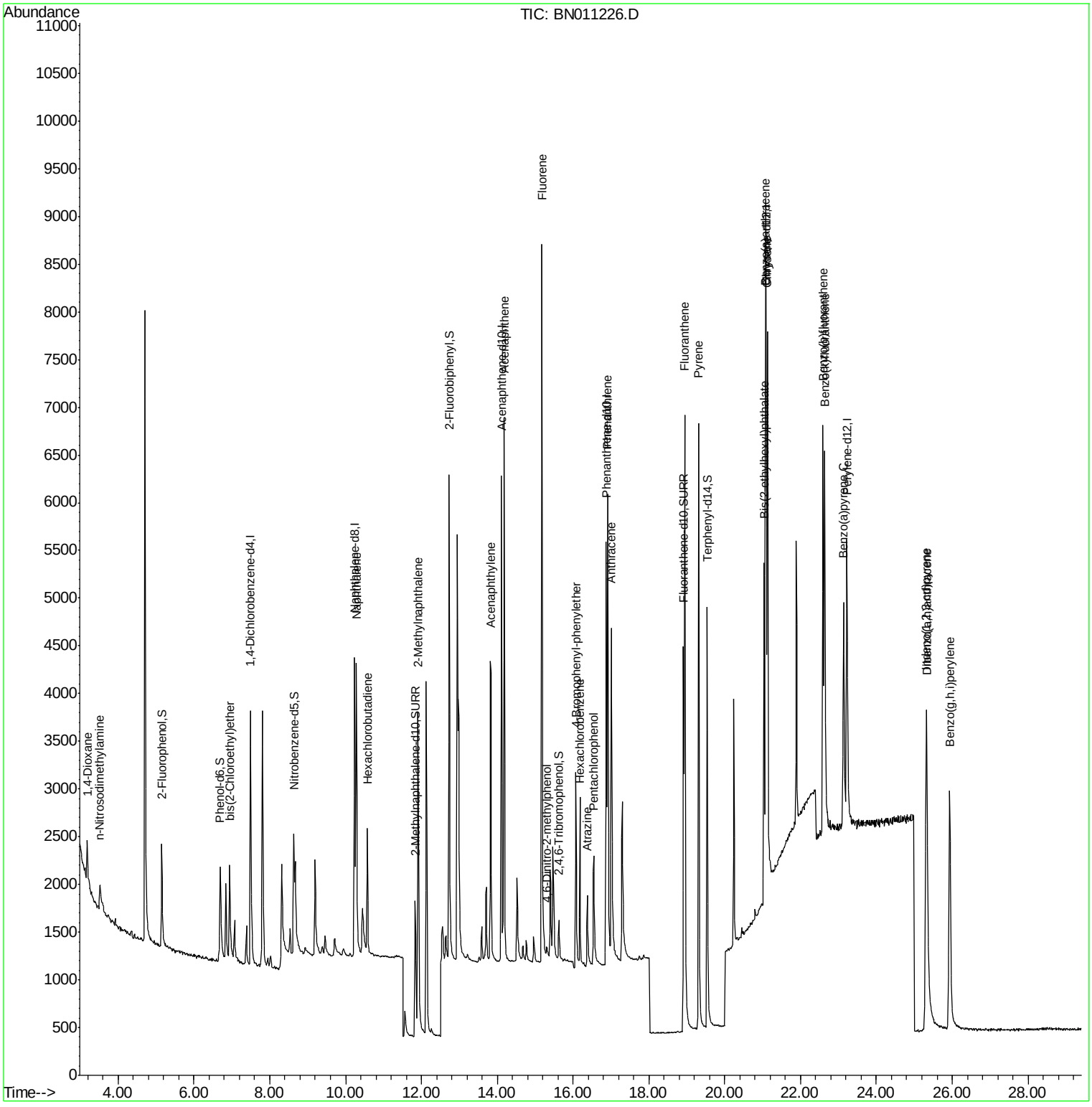
(#) = qualifier out of range (m) = manual integration (+) = signals summed

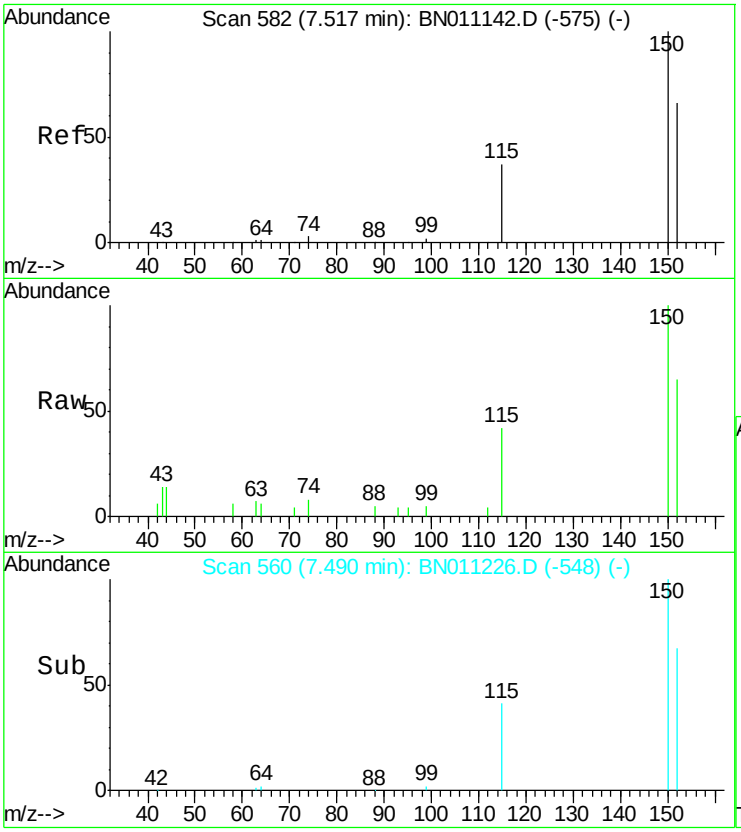
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
Data File : BN011226.D
Acq On : 22 Jul 2020 20:13
Operator : CG/JU
Sample : PB130401BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Quant Time: Jul 23 03:56:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration



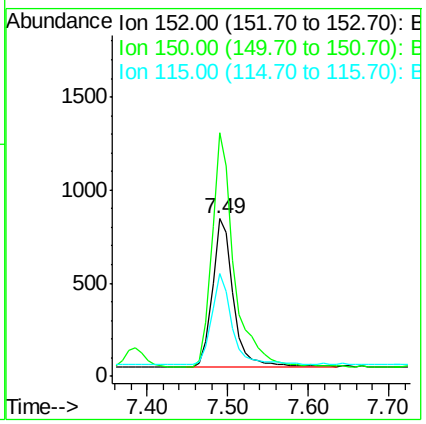


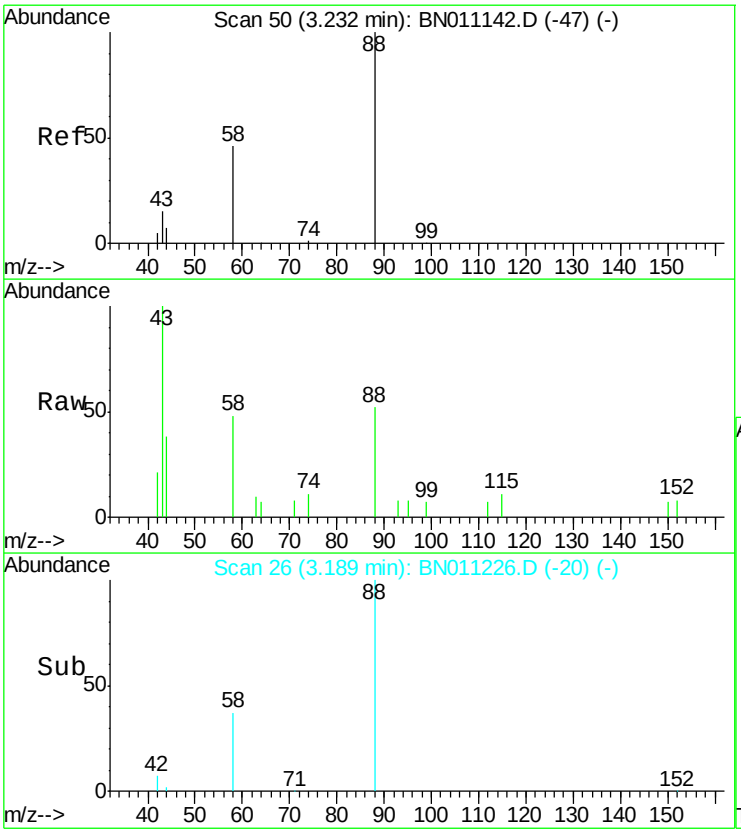
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:152 Resp: 1425

Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.4	179.0
115	65.0	48.3	72.5

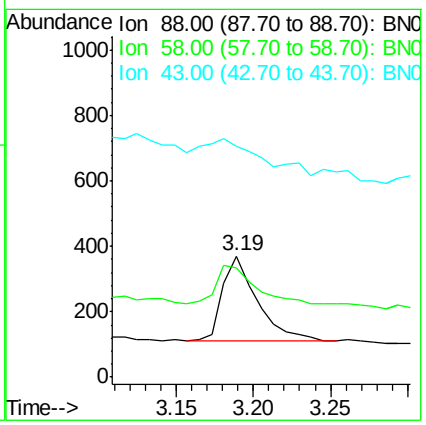


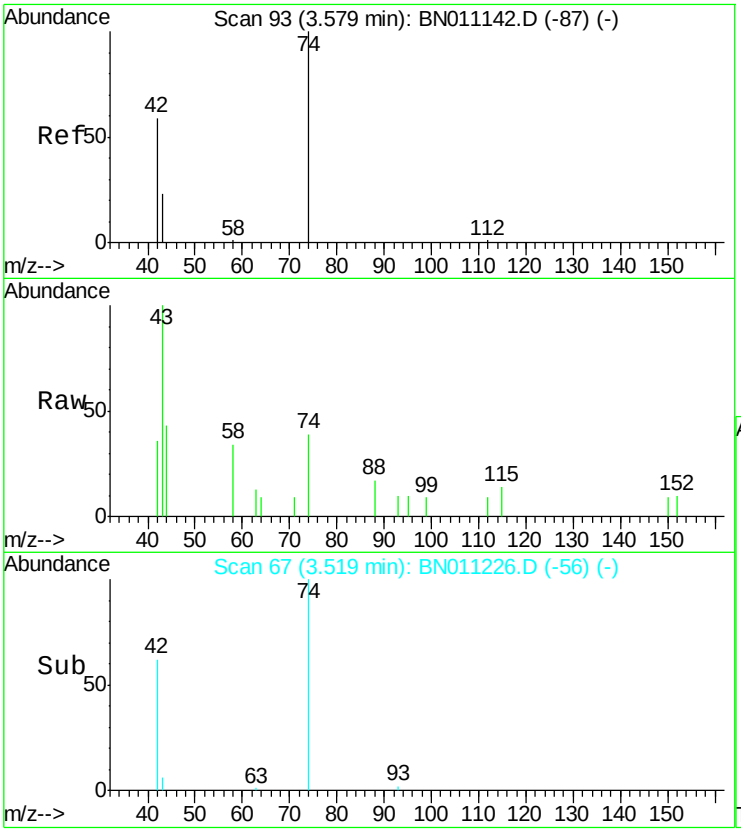


#2
1,4-Dioxane
Concen: 0.198 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion: 88 Resp: 404

Ion	Ratio	Lower	Upper
88	100		
58	52.2	36.5	54.7
43	0.0	14.3	21.5#



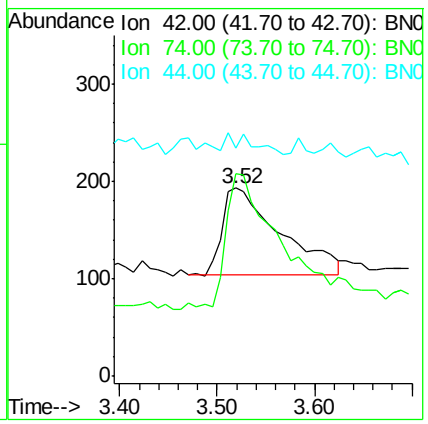


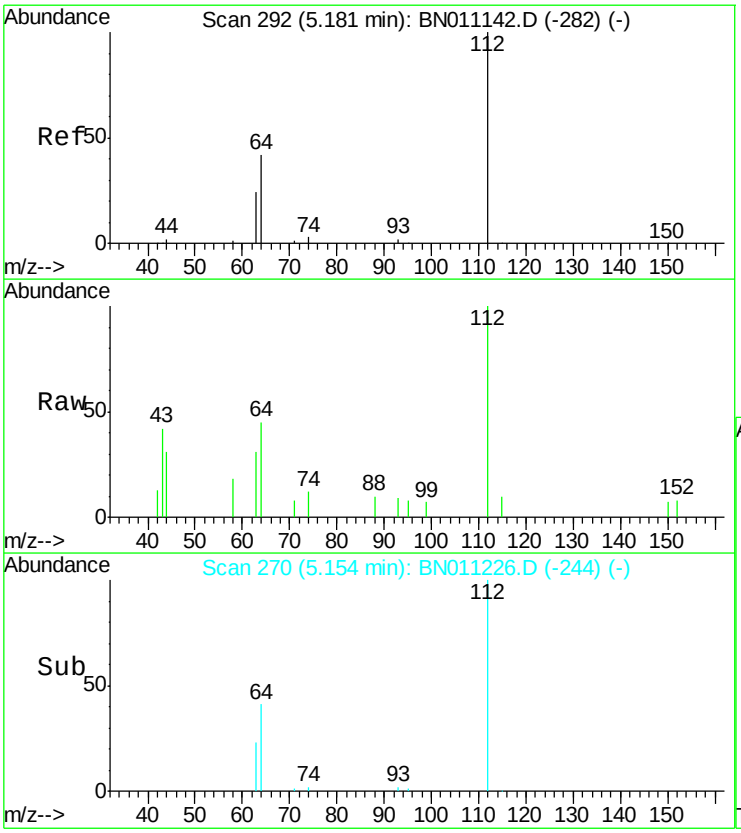
#3
n-Nitrosodimethylamine
Concen: 0.358 ng
RT: 3.52 min Scan# 67
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion: 42 Resp: 367

Ion	Ratio	Lower	Upper
42	100		
74	140.6	140.9	211.3#
44	10.4	7.6	11.4

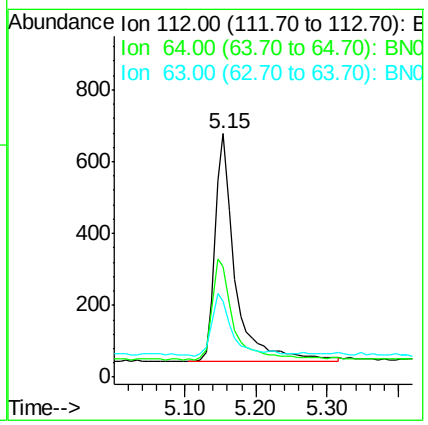


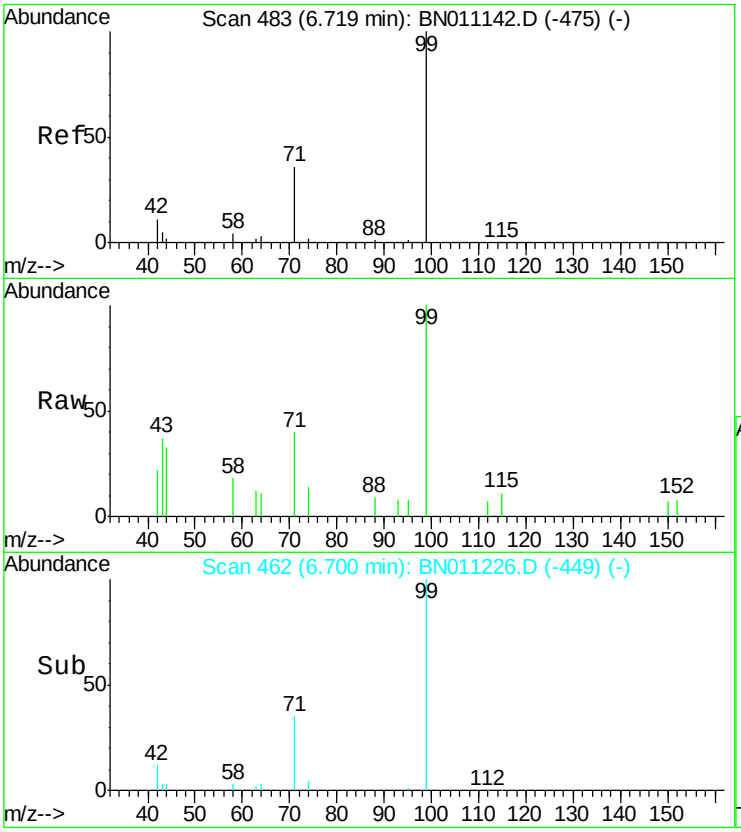


#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.15 min Scan# 270
Delta R.T. 0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:112 Resp: 1222

Ion	Ratio	Lower	Upper
112	100		
64	45.8	36.7	55.1
63	27.7	20.4	30.6



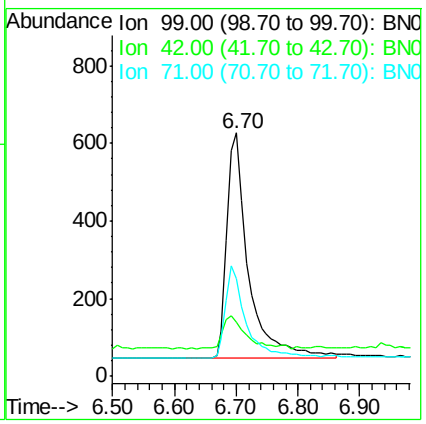


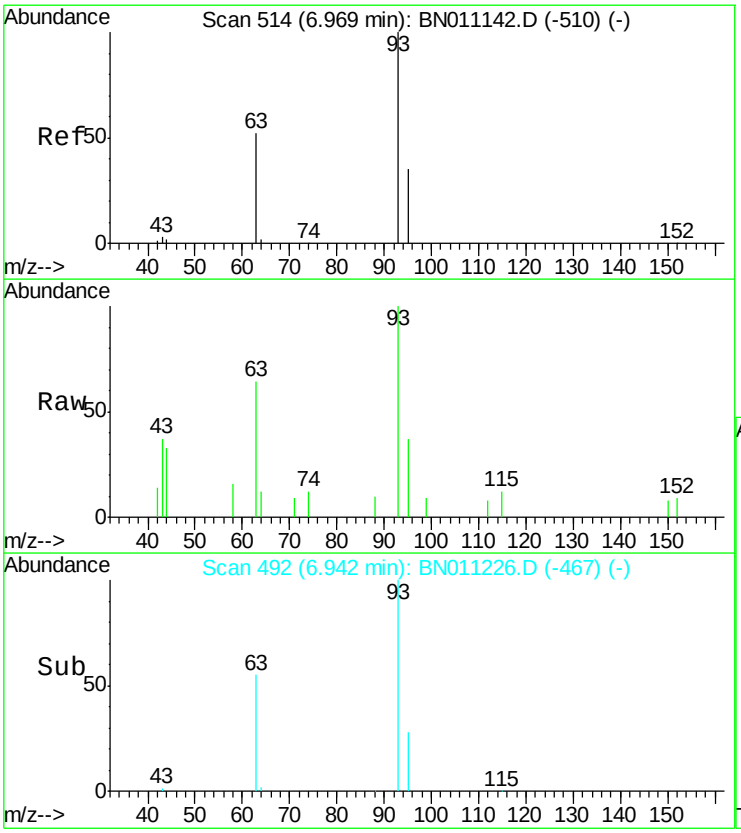
#5
Phenol-d6
Concen: 0.353 ng
RT: 6.70 min Scan# 462
Delta R.T. 0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion: 99 Resp: 1404

Ion	Ratio	Lower	Upper
99	100		
42	16.7	10.8	16.2#
71	38.0	31.3	46.9

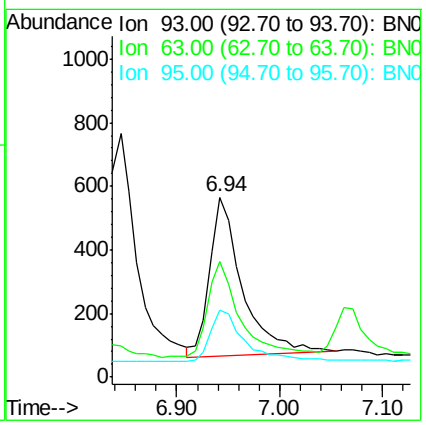


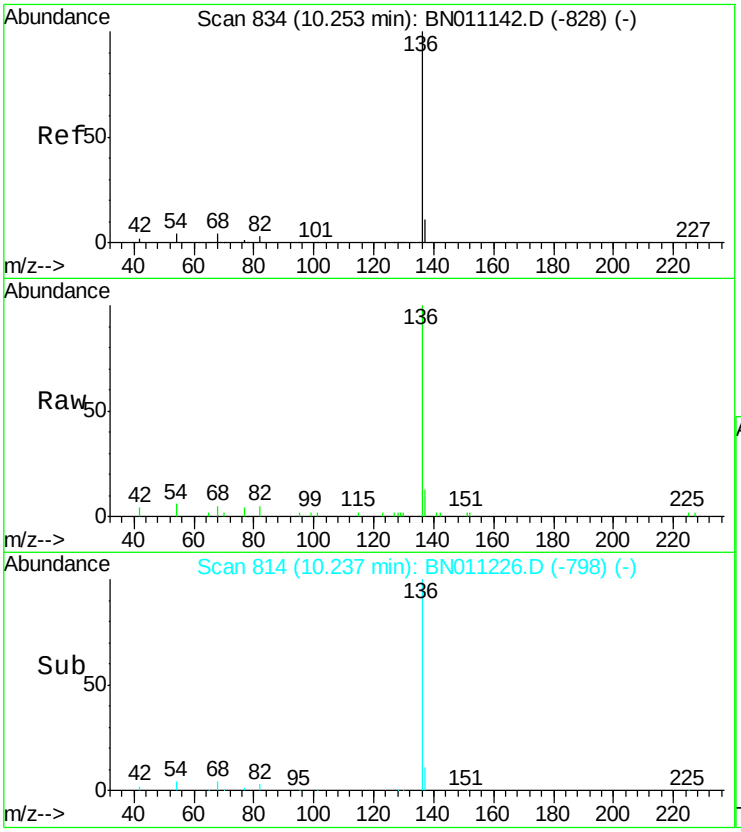


#6
bis(2-Chloroethyl)ether
Concen: 0.302 ng
RT: 6.94 min Scan# 492
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion: 93 Resp: 1098

Ion	Ratio	Lower	Upper
93	100		
63	58.8	47.4	71.0
95	36.5	28.1	42.1



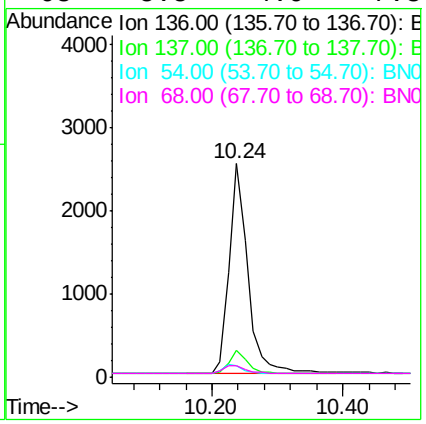


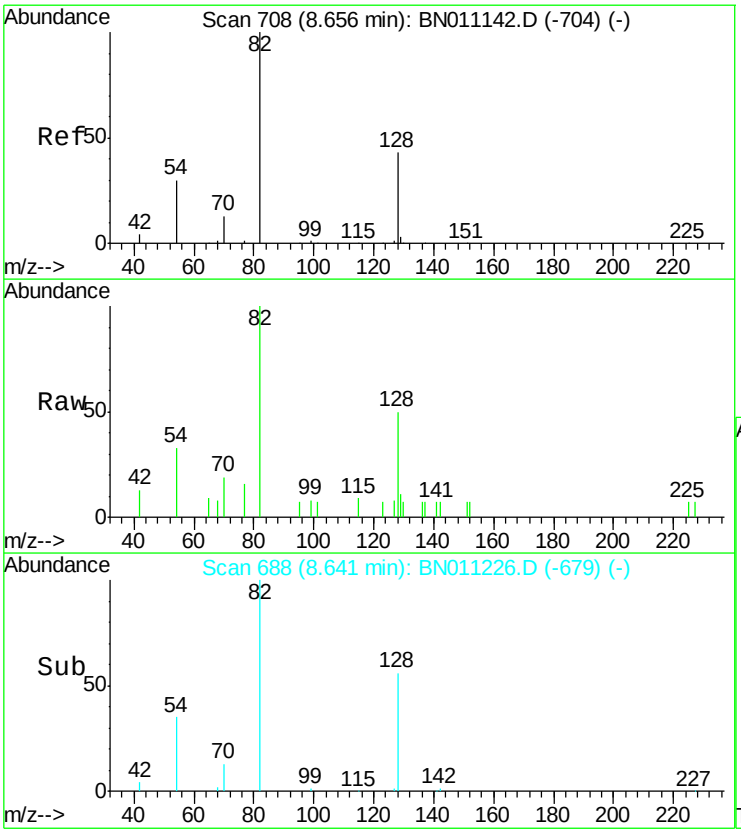
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 814
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:136 Resp: 4972

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.3	15.5
54	5.7	4.9	7.3
68	5.5	4.9	7.3

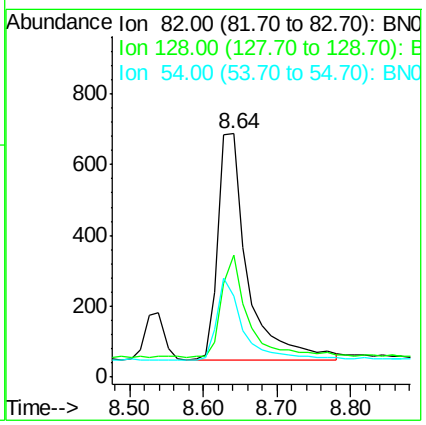


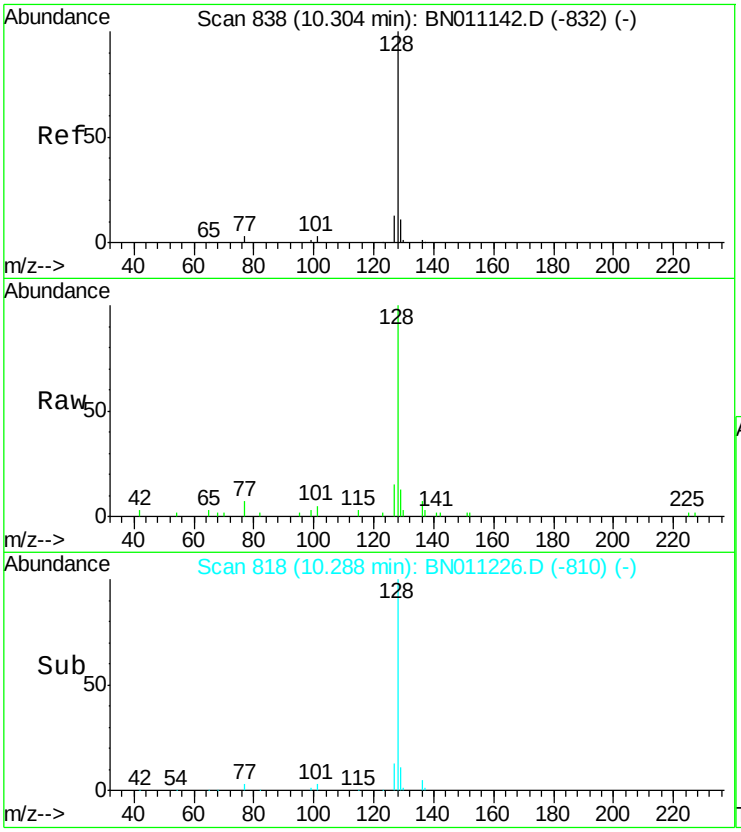


#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 8.64 min Scan# 688
Delta R.T. 0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion: 82 Resp: 1779

Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.1	57.1
54	33.3	27.1	40.7



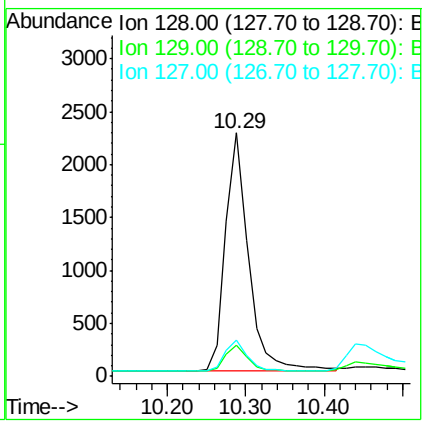


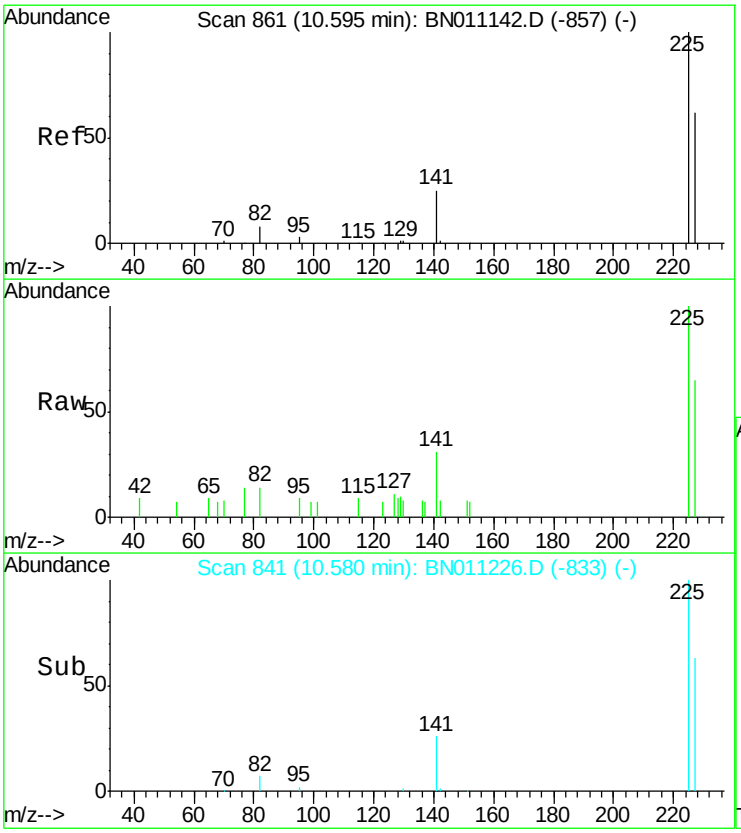
#9
Naphthalene
Concen: 0.308 ng
RT: 10.29 min Scan# 818
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:128 Resp: 4554

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.8	14.6
127	14.7	11.8	17.6

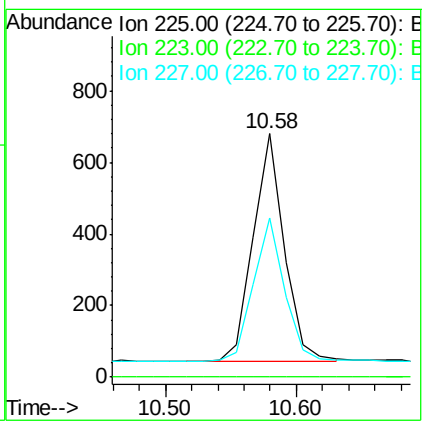


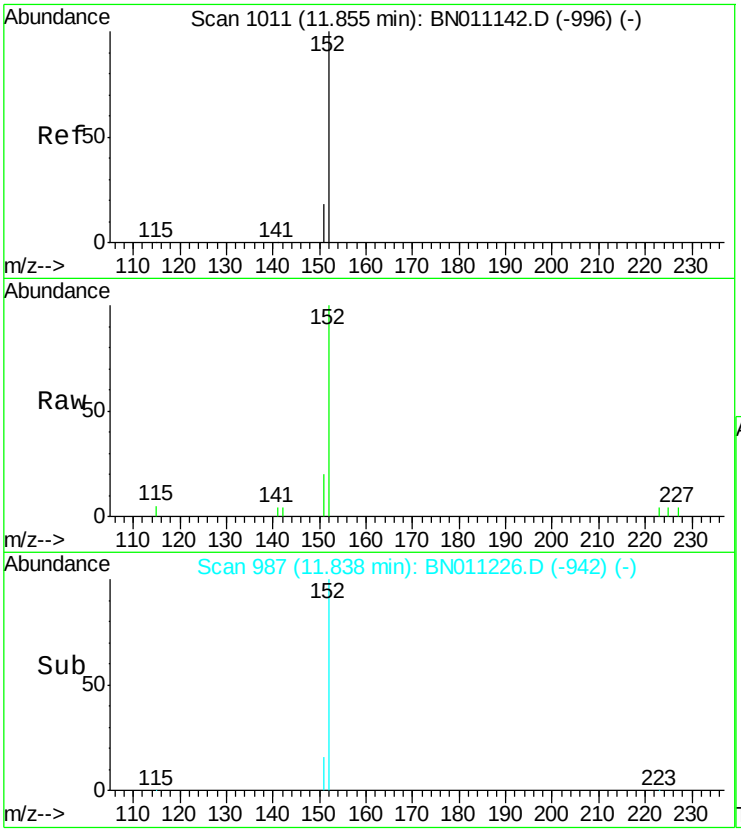


#10
Hexachlorobutadiene
Concen: 0.283 ng
RT: 10.58 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:225 Resp: 1039

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	51.2	76.8



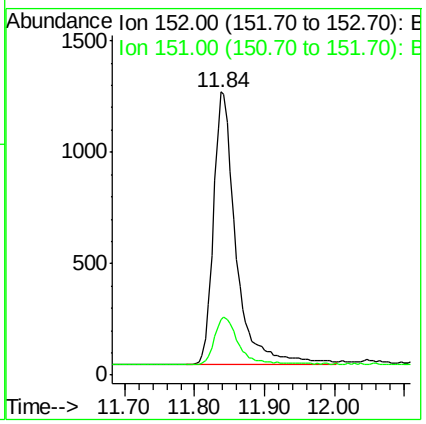


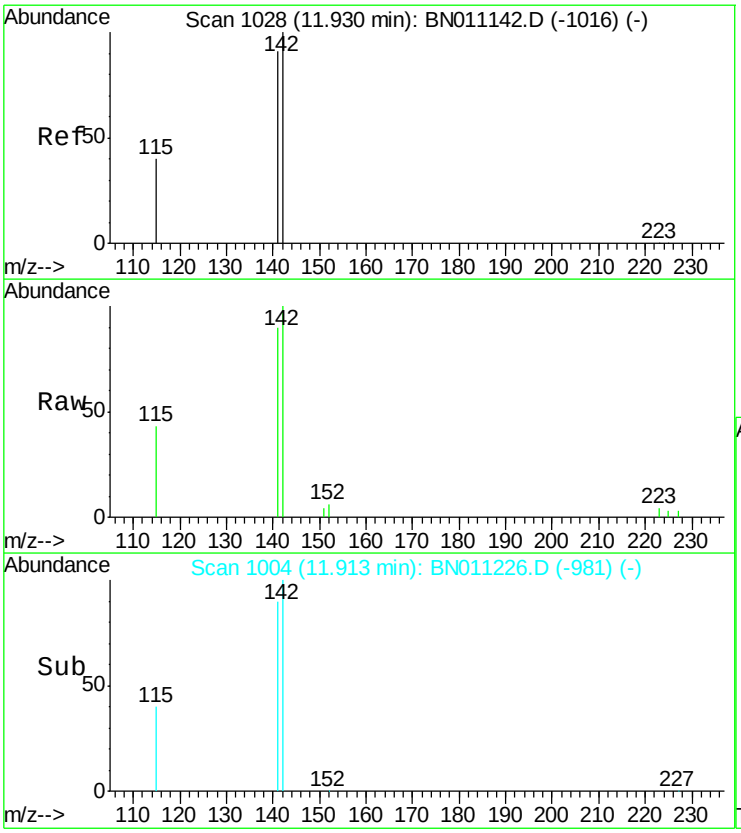
#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 11.84 min Scan# 987
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:152 Resp: 2744

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.5	24.7

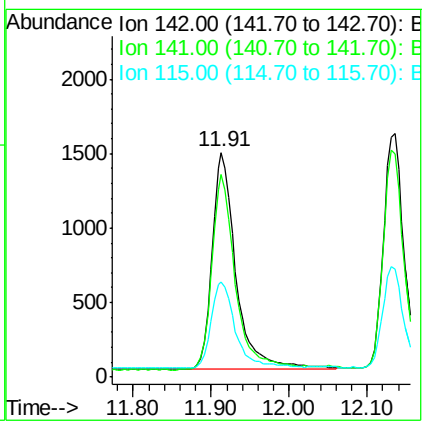


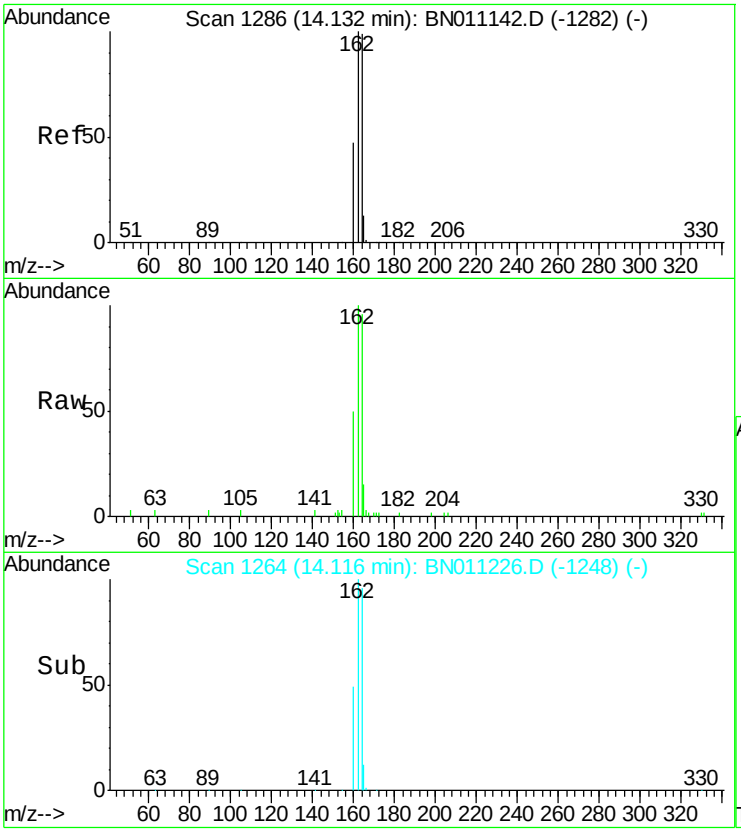


#12
2-Methylnaphthalene
Concen: 0.335 ng
RT: 11.91 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:142 Resp: 3114

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.7	109.1
115	42.5	33.8	50.6



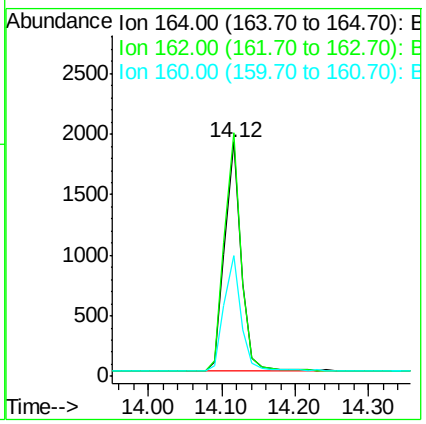


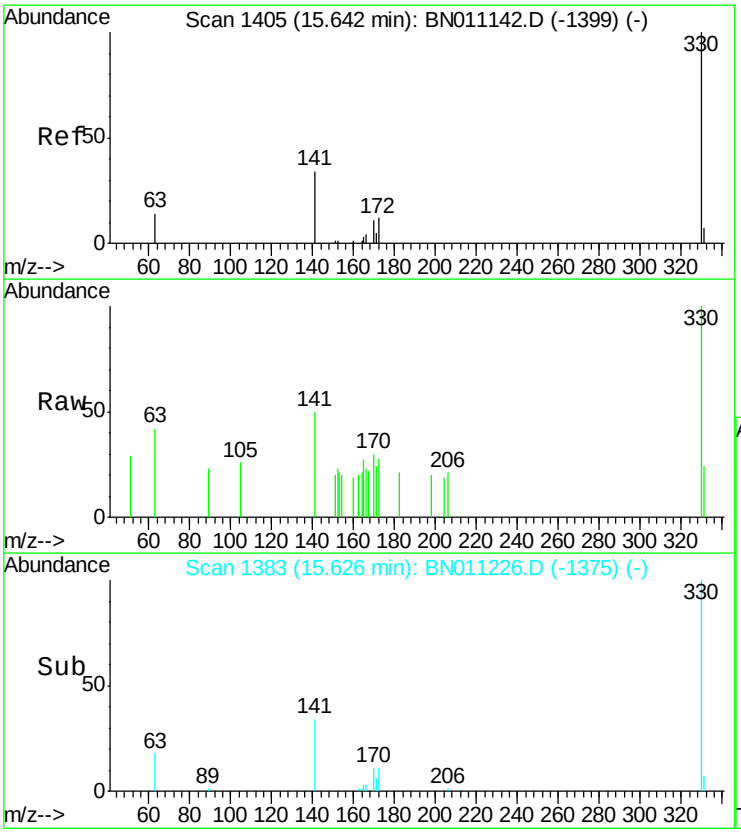
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.12 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:164 Resp: 2932

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.0	121.4
160	51.7	39.0	58.6

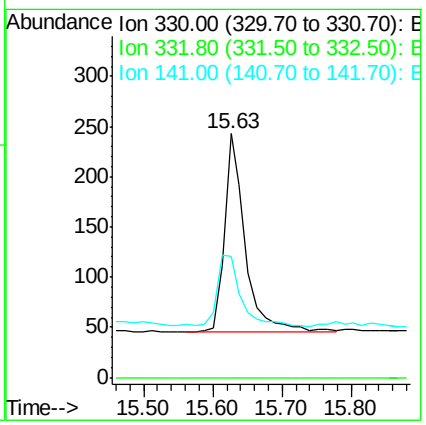


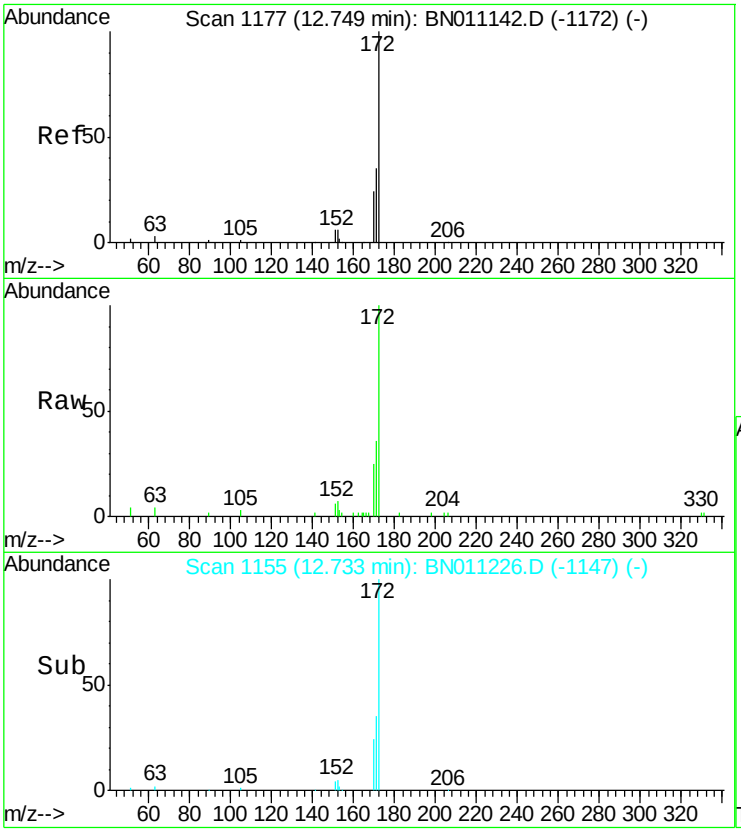


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.63 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:330 Resp: 420

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.2	31.5	47.3



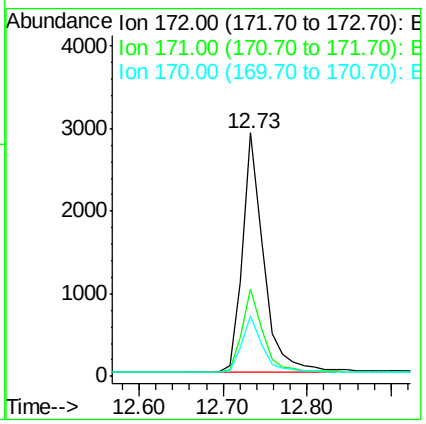


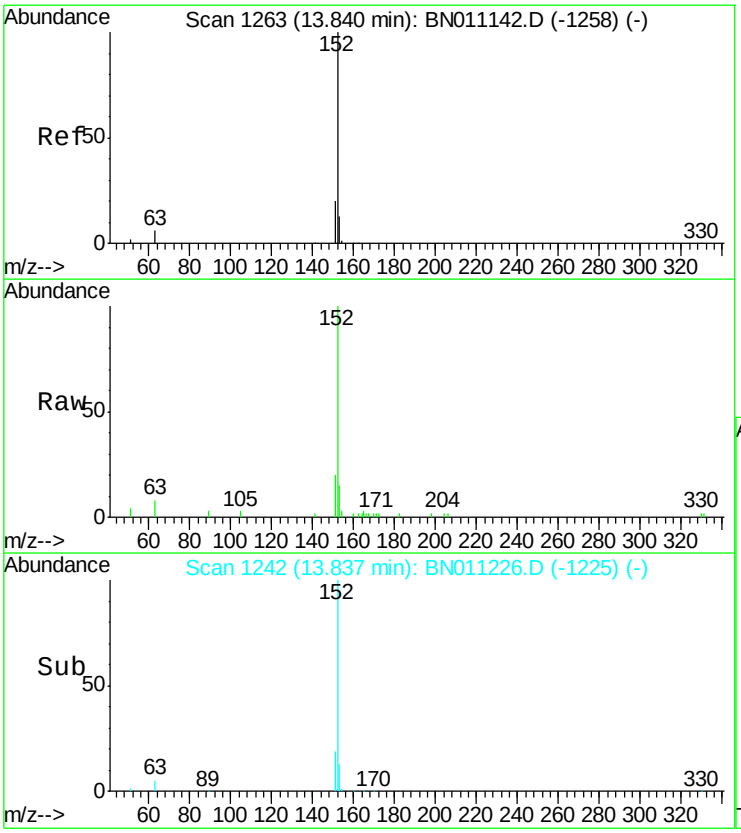
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:172 Resp: 5121

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.8	20.3	30.5

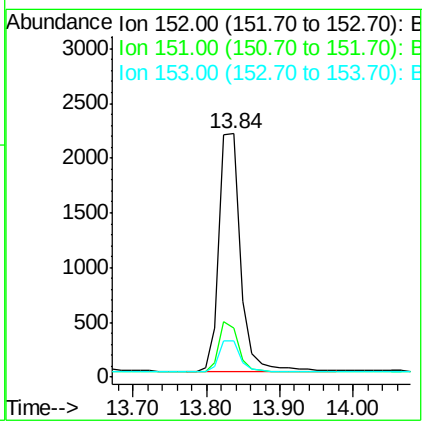


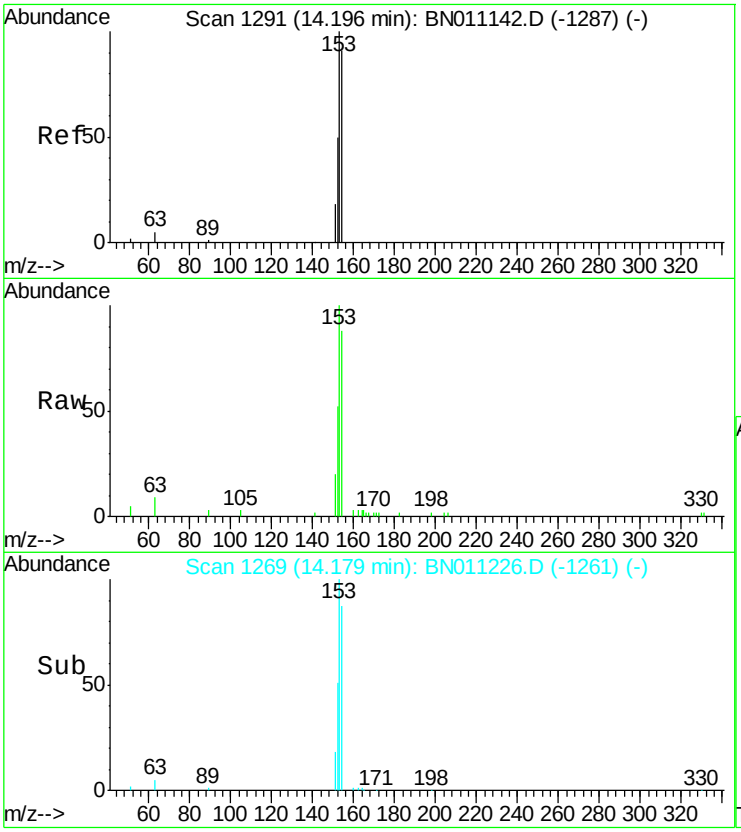


#16
Acenaphthylene
Concen: 0.296 ng
RT: 13.84 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:152 Resp: 4411

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.6	15.8



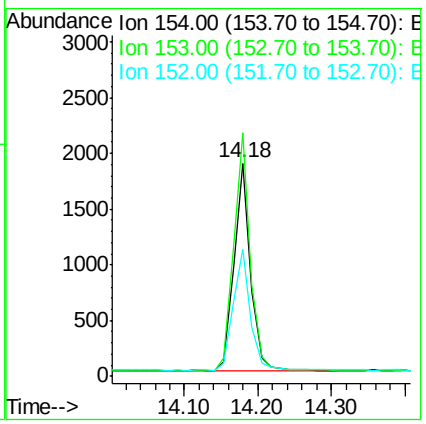


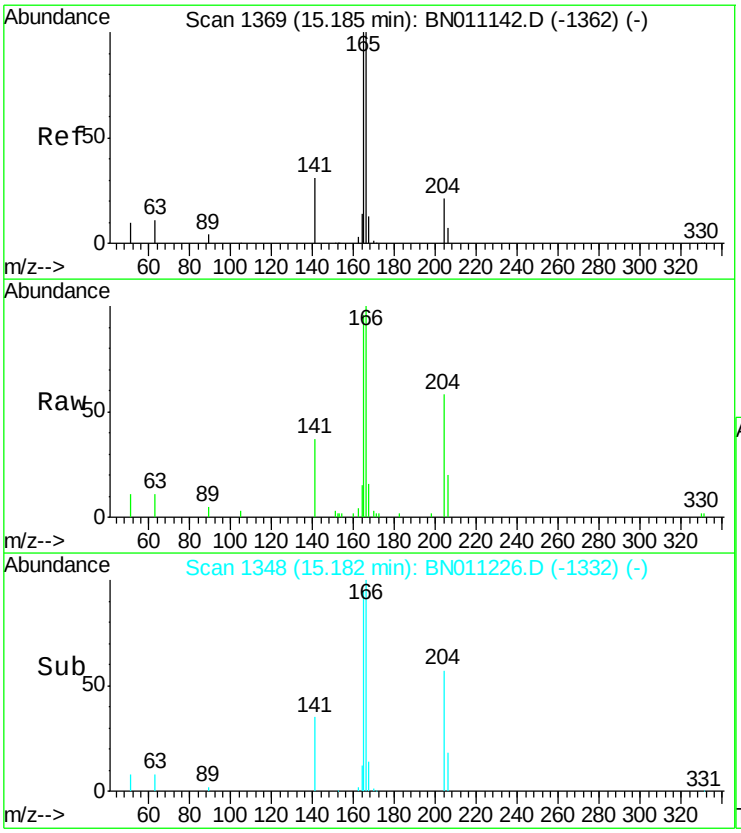
#17
Acenaphthene
Concen: 0.289 ng
RT: 14.18 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:154 Resp: 2880

Ion	Ratio	Lower	Upper
154	100		
153	116.4	91.3	136.9
152	61.0	46.6	69.8

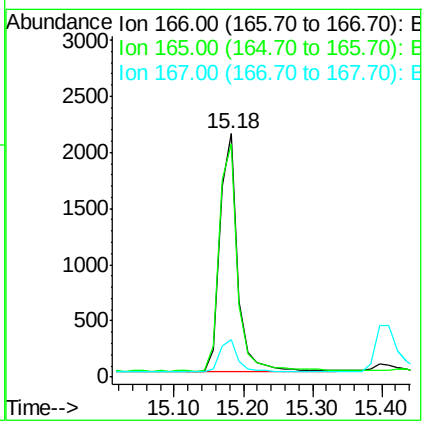


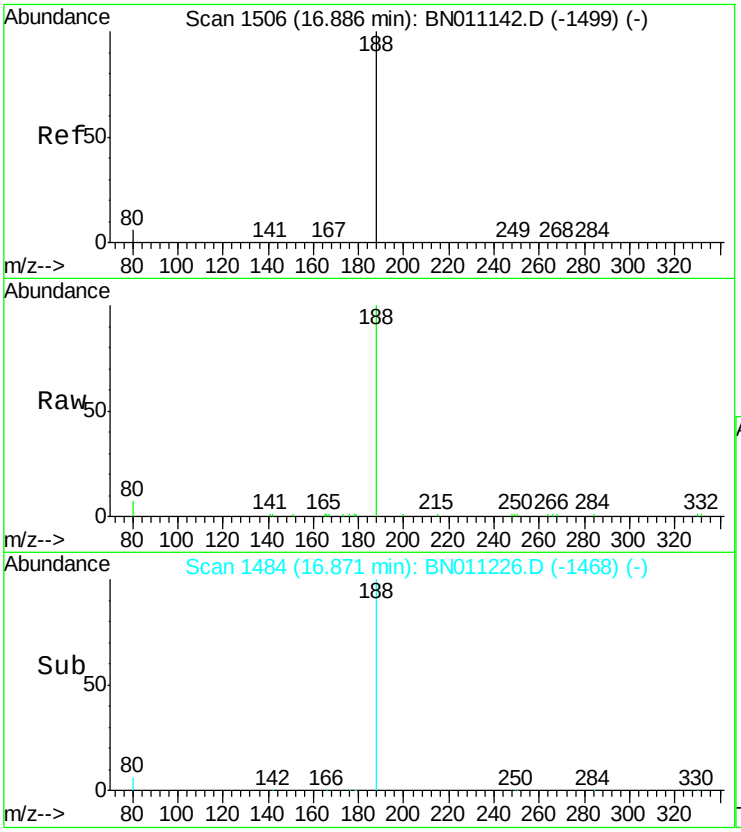


#18
Fluorene
Concen: 0.301 ng
RT: 15.18 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:166 Resp: 3847

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	13.9	10.5	15.7



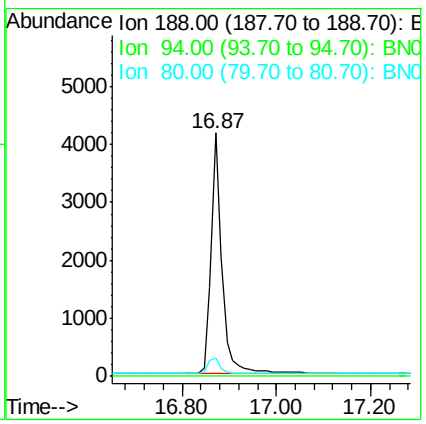


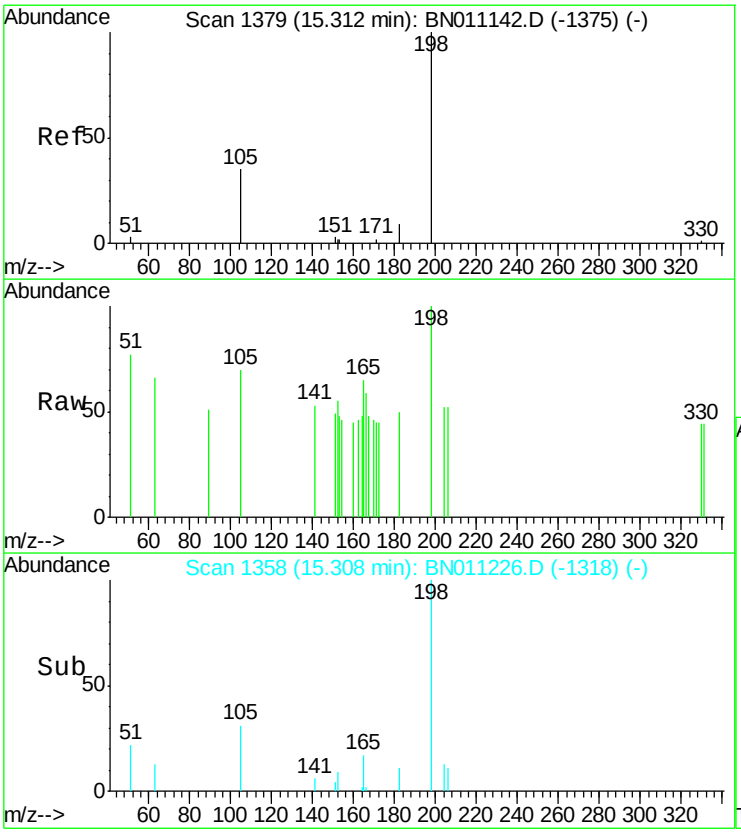
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.87 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:188 Resp: 6735

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.3	9.5

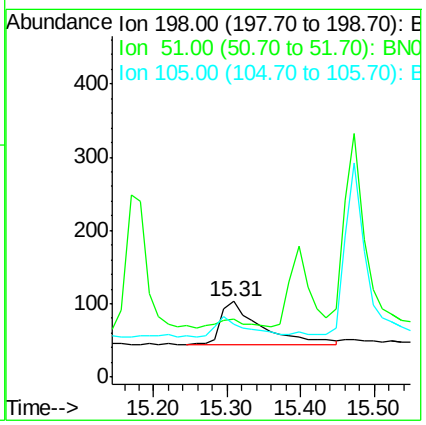


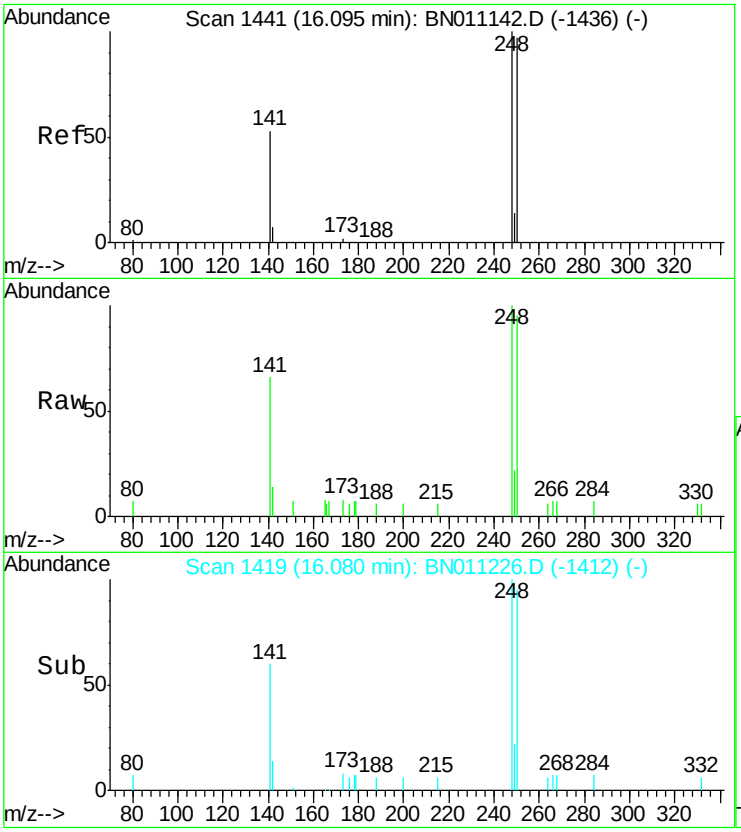


#20
4,6-Dinitro-2-methylphenol
Concen: 0.307 ng
RT: 15.31 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:198 Resp: 219

Ion	Ratio	Lower	Upper
198	100		
51	76.7	53.1	79.7
105	69.9	51.9	77.9



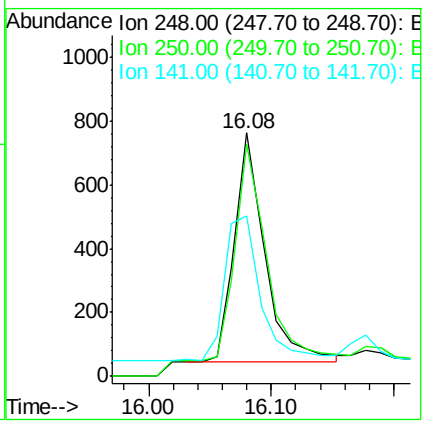


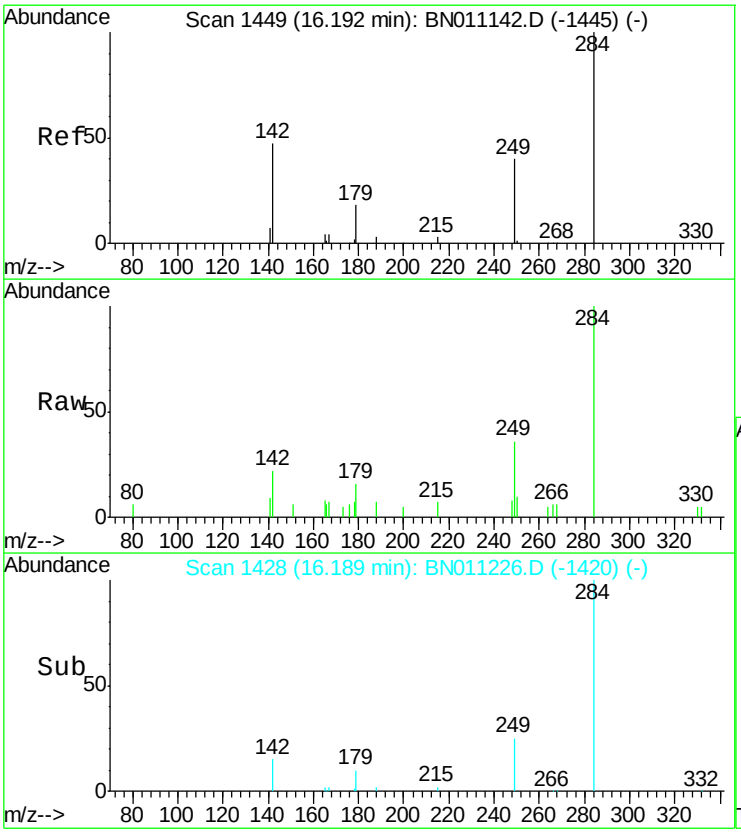
#21
4-Bromophenyl-phenylether
Concen: 0.270 ng
RT: 16.08 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:248 Resp: 1235

Ion	Ratio	Lower	Upper
248	100		
250	95.2	78.4	117.6
141	66.1	45.1	67.7

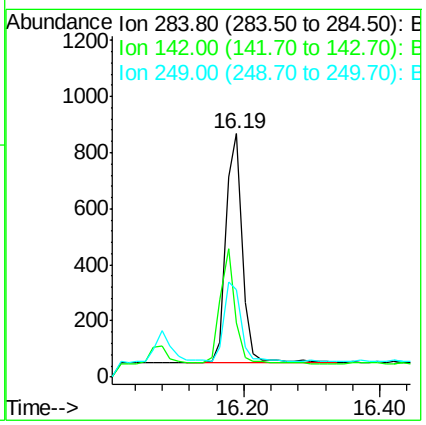


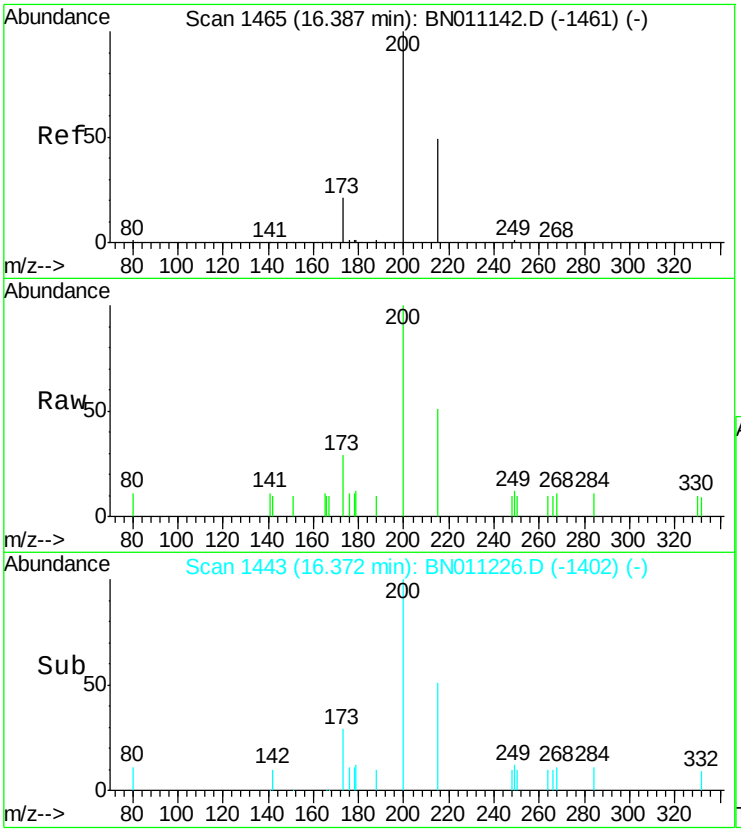


#22
Hexachlorobenzene
Concen: 0.256 ng
RT: 16.19 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:284 Resp: 1365

Ion	Ratio	Lower	Upper
284	100		
142	45.4	32.6	48.8
249	35.8	28.4	42.6



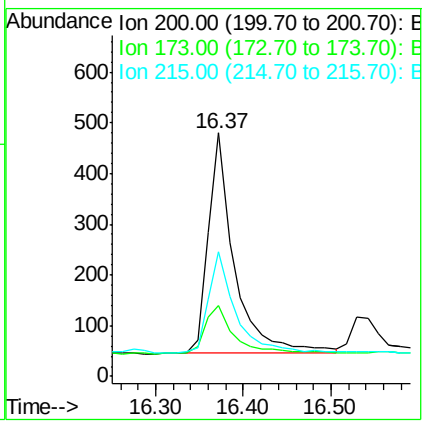


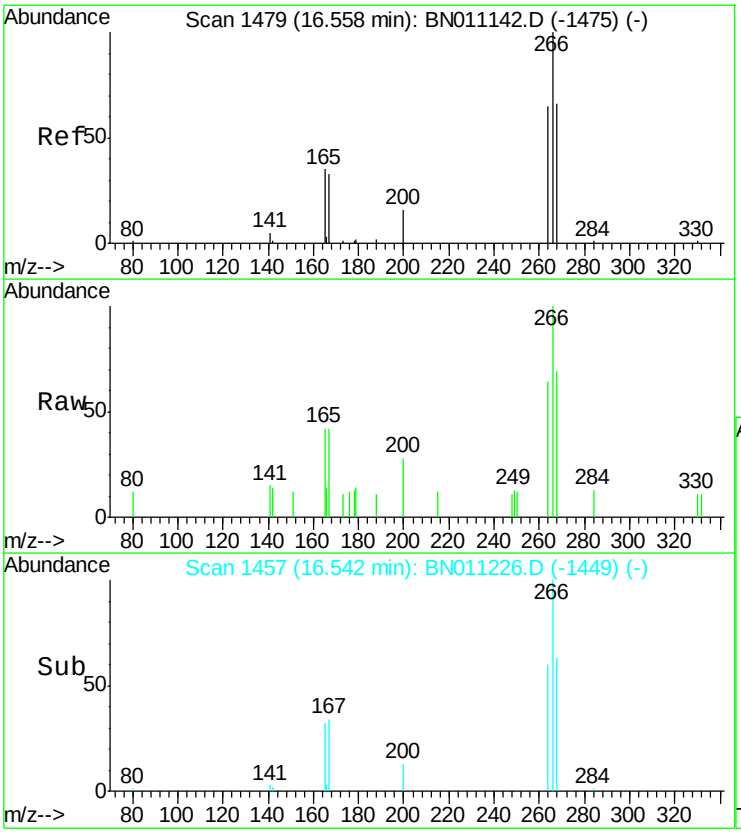
#23
Atrazine
Concen: 0.278 ng
RT: 16.37 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:200 Resp: 892

Ion	Ratio	Lower	Upper
200	100		
173	29.4	23.0	34.4
215	51.3	42.6	63.8

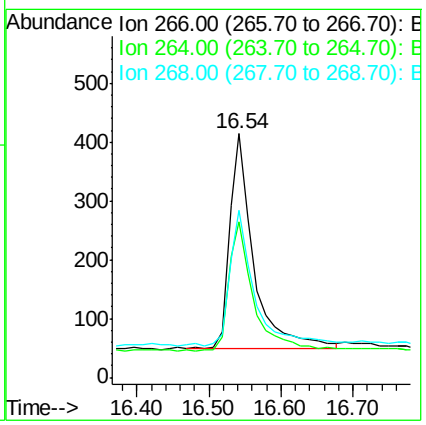


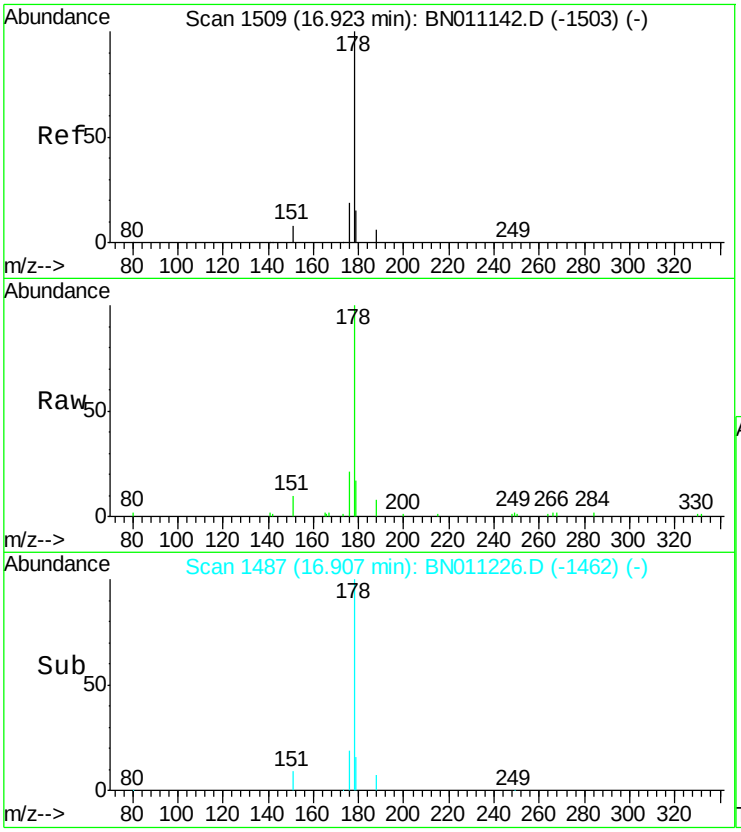


#24
Pentachlorophenol
Concen: 0.538 ng
RT: 16.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:266 Resp: 851

Ion	Ratio	Lower	Upper
266	100		
264	63.5	52.5	78.7
268	63.5	48.9	73.3



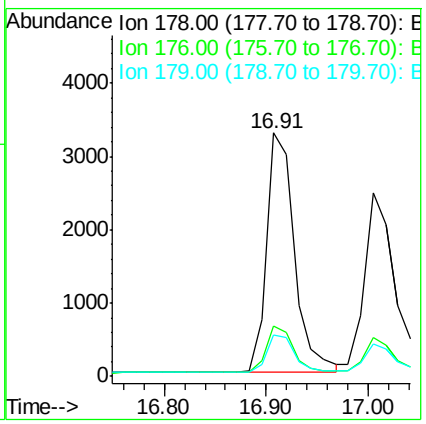


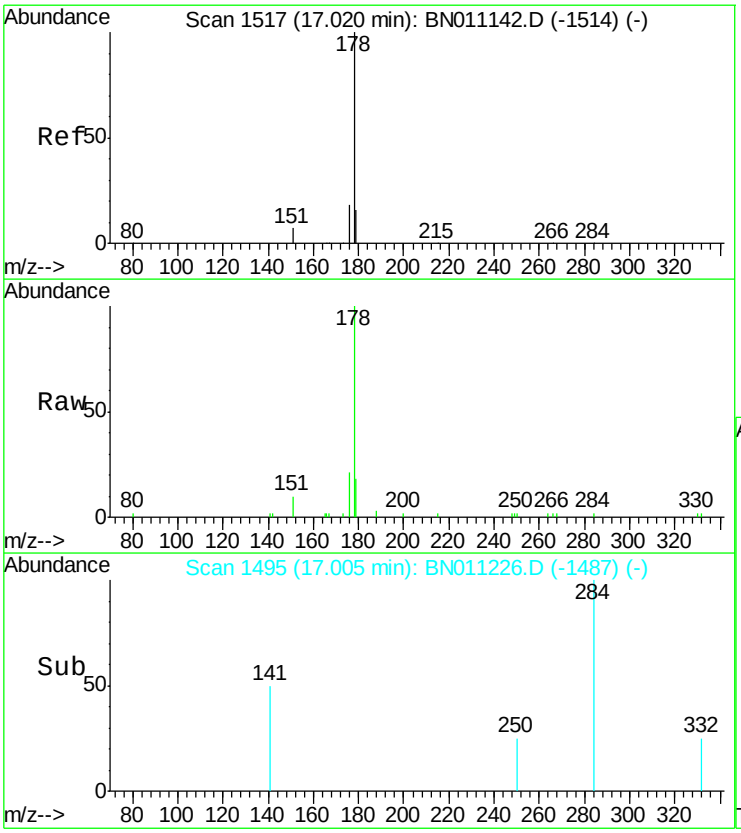
#25
Phenanthrene
Concen: 0.287 ng
RT: 16.91 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:178 Resp: 6201

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.8	12.6	18.8

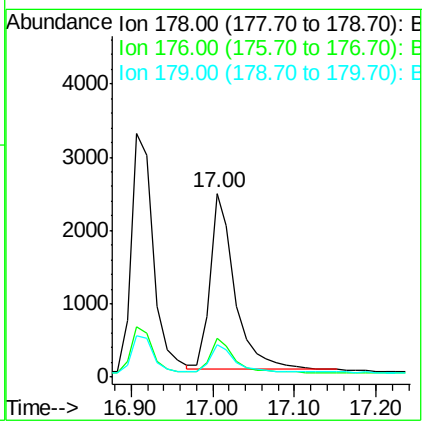


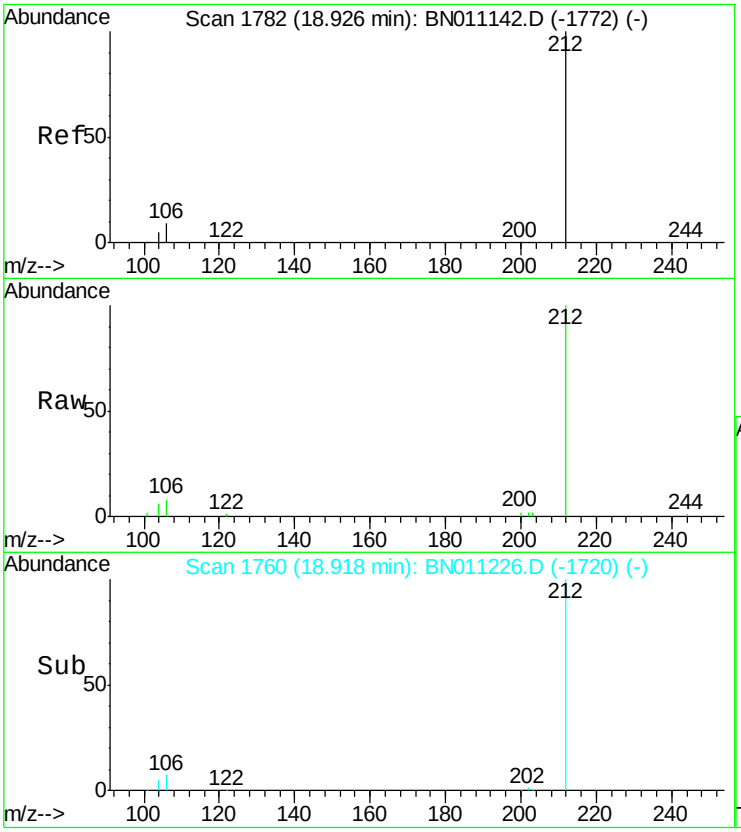


#26
Anthracene
Concen: 0.283 ng
RT: 17.00 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:178 Resp: 5095

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	15.5	12.0	18.0



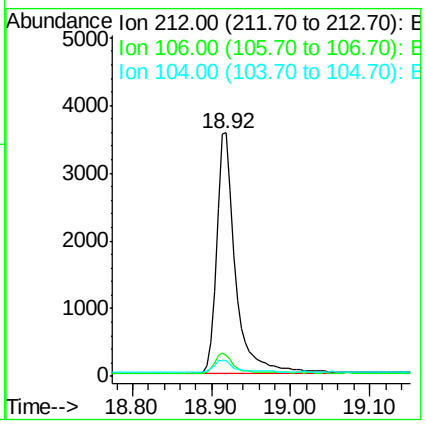


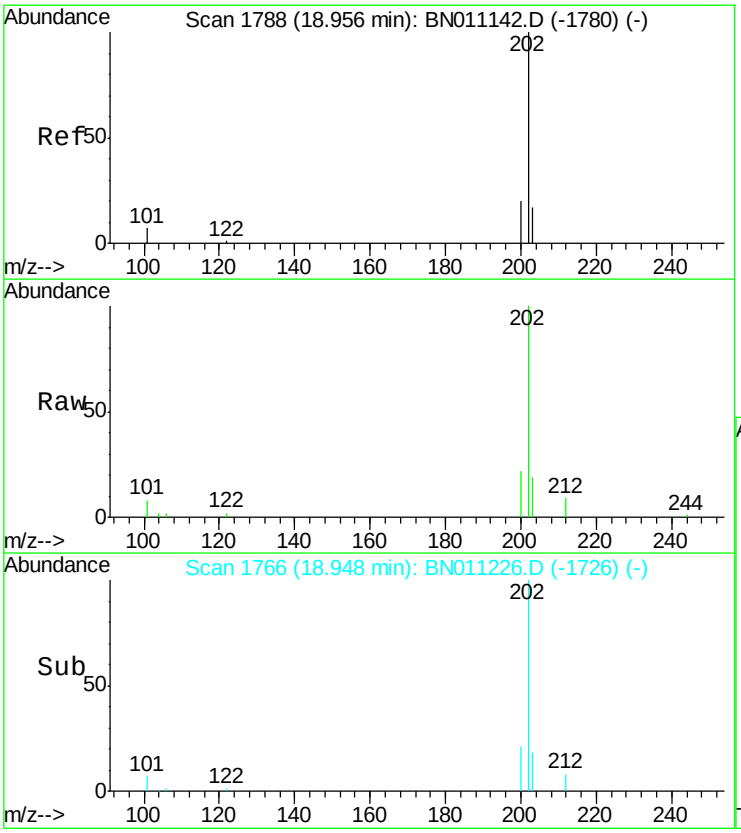
#27
Fluoranthene-d10
Concen: 0.281 ng
RT: 18.92 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:212 Resp: 5962

Ion	Ratio	Lower	Upper
212	100		
106	8.1	7.0	10.6
104	4.9	4.2	6.4

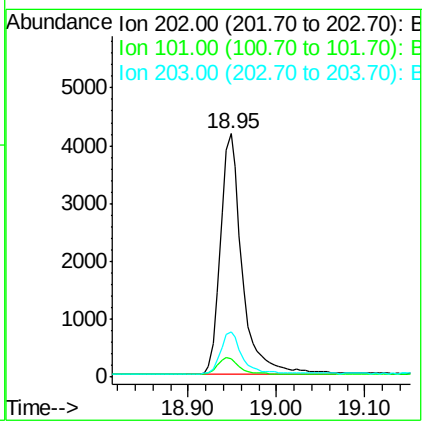


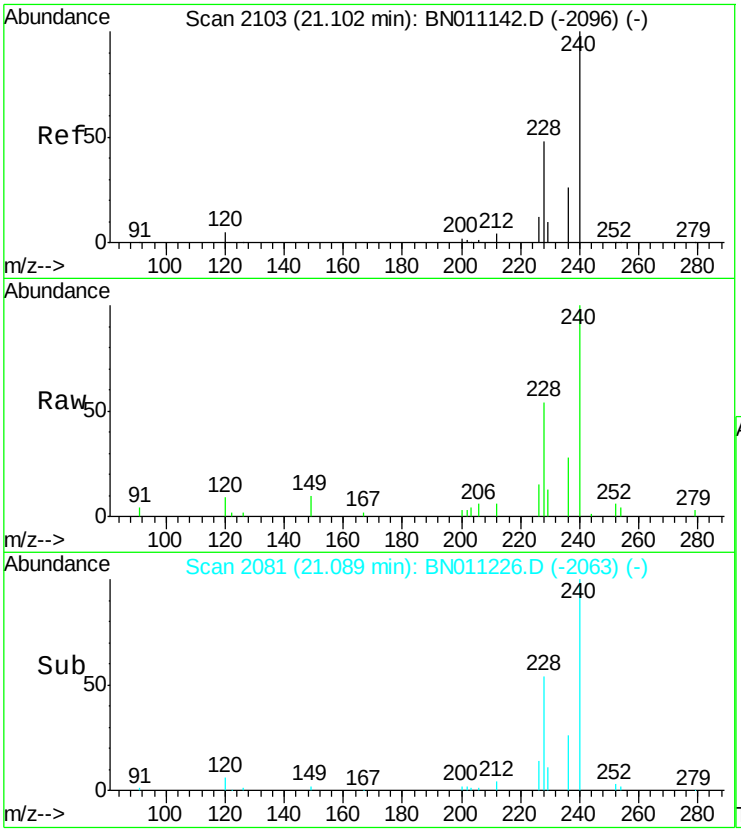


#28
Fluoranthene
Concen: 0.275 ng
RT: 18.95 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:202 Resp: 7144

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.9	8.9
203	17.4	13.6	20.4



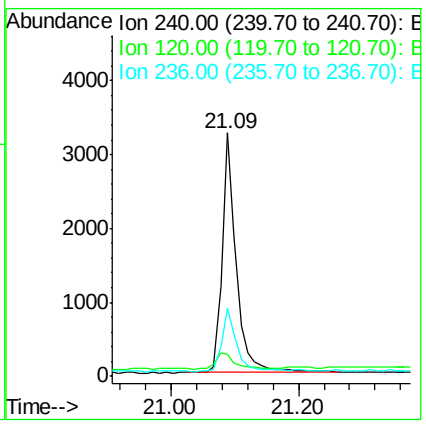


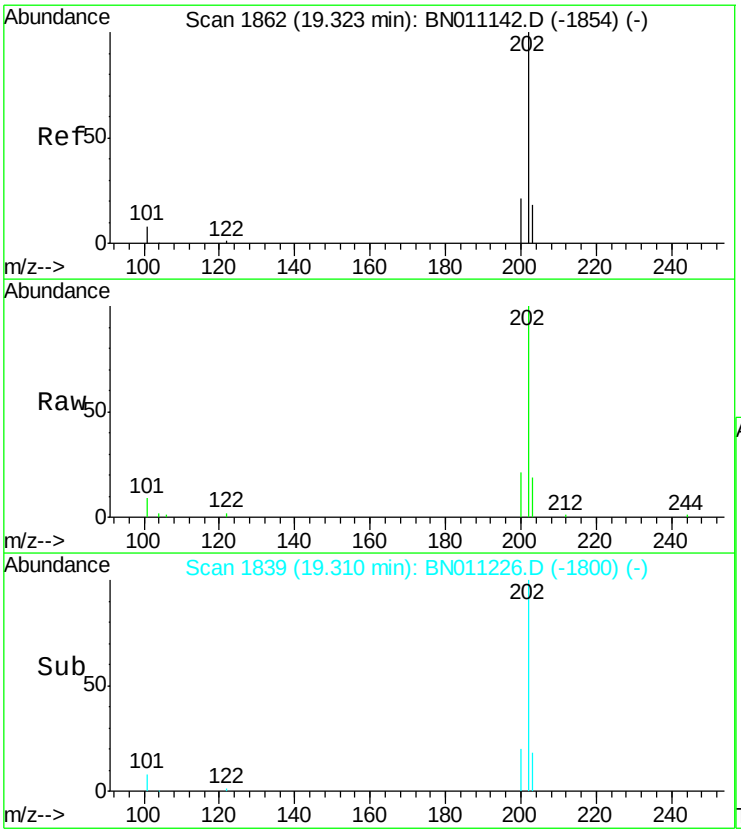
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.09 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:240 Resp: 5017

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.5	9.7
236	28.1	21.9	32.9

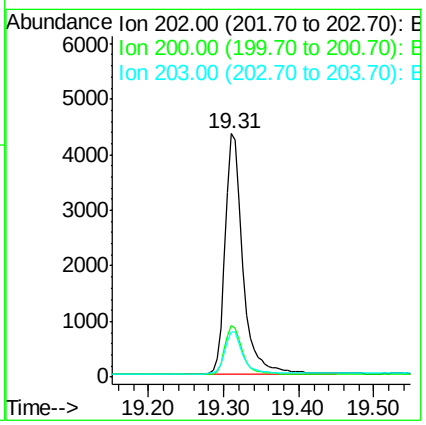


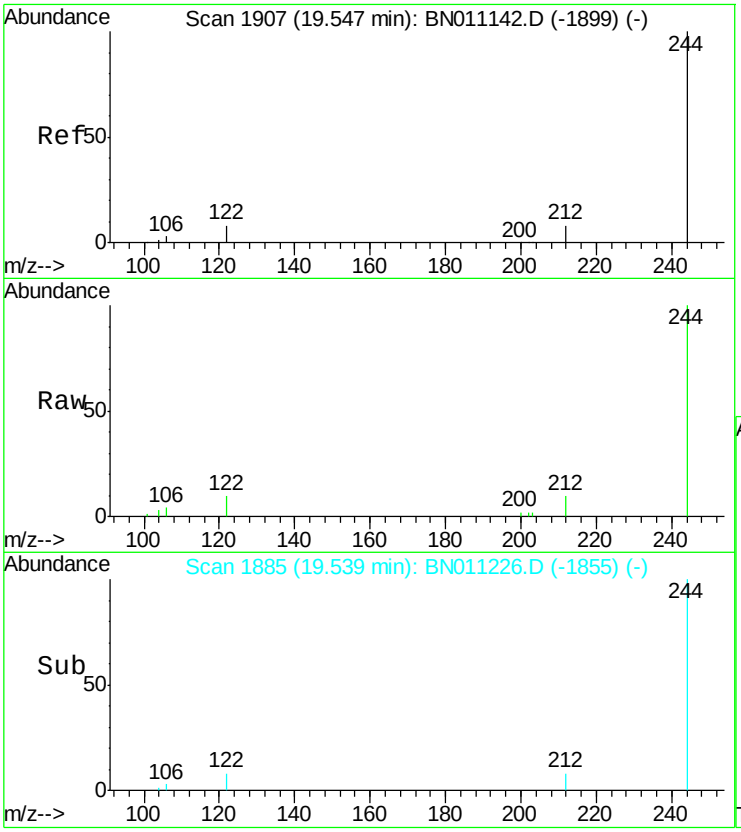


#30
Pyrene
Concen: 0.372 ng
RT: 19.31 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:202 Resp: 7132

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	18.0	14.2	21.4



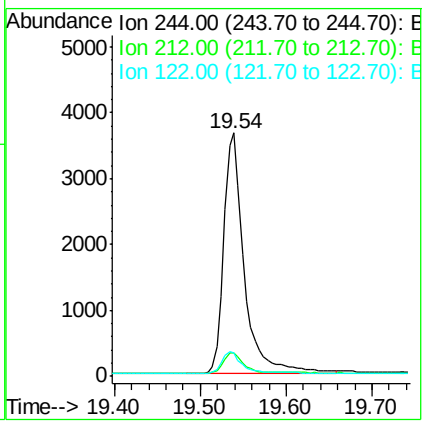


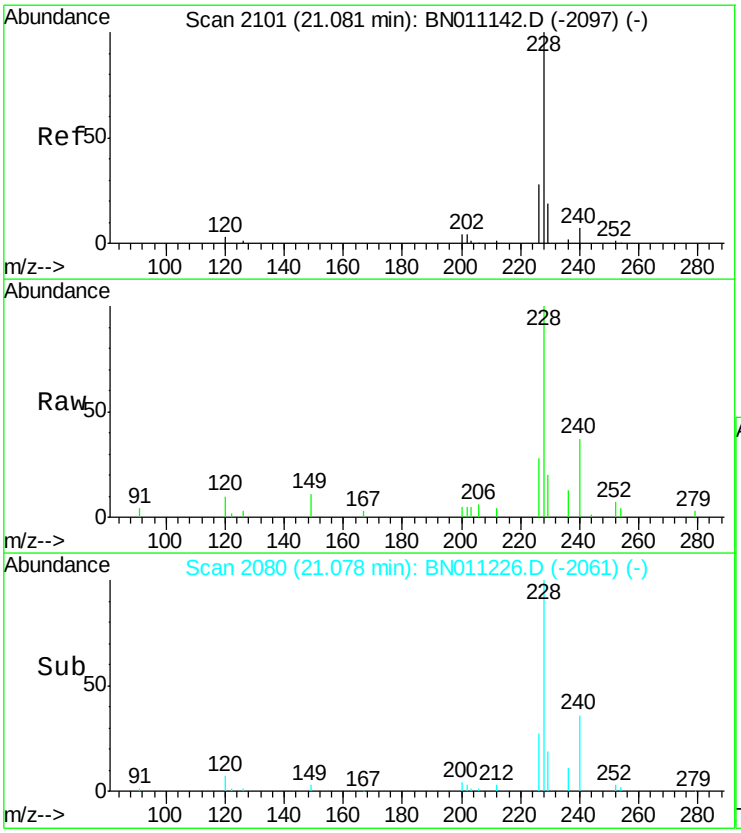
#31
Terphenyl-d14
Concen: 0.463 ng
RT: 19.54 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:244 Resp: 6052

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.8	11.6
122	9.6	7.4	11.0

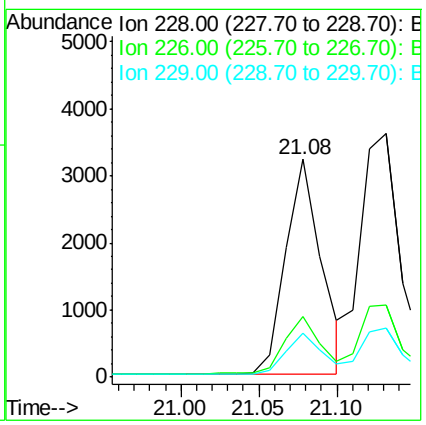


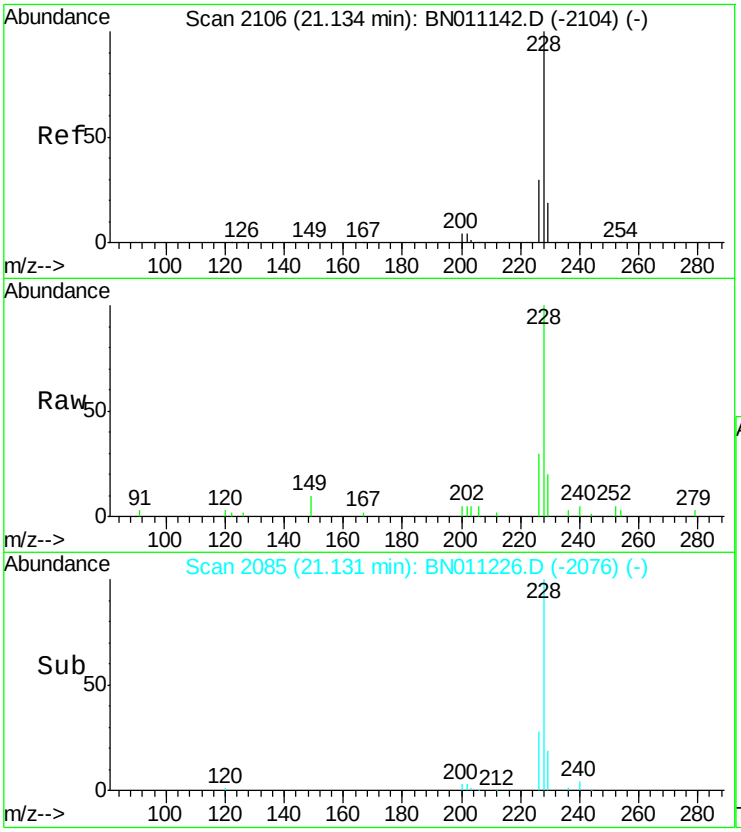


#32
Benzo(a)anthracene
Concen: 0.310 ng
RT: 21.08 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:228 Resp: 5039

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.2	34.8
229	20.3	16.2	24.4



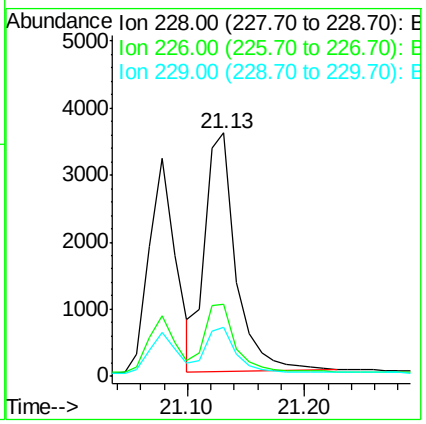


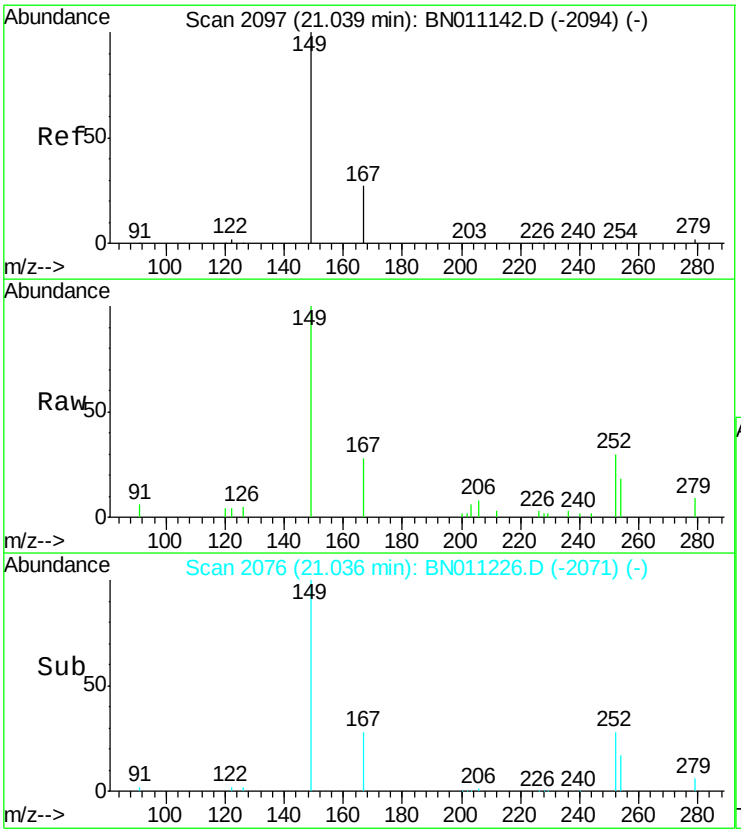
#33
Chrysene
Concen: 0.330 ng
RT: 21.13 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:228 Resp: 6564

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.3	16.2	24.4

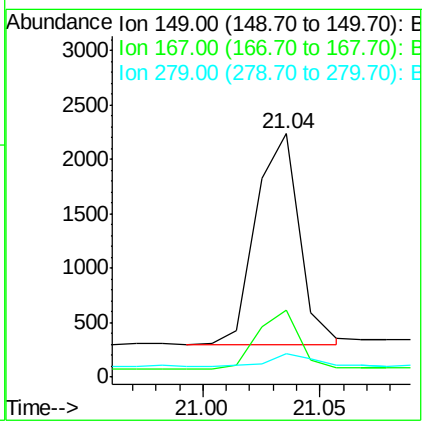


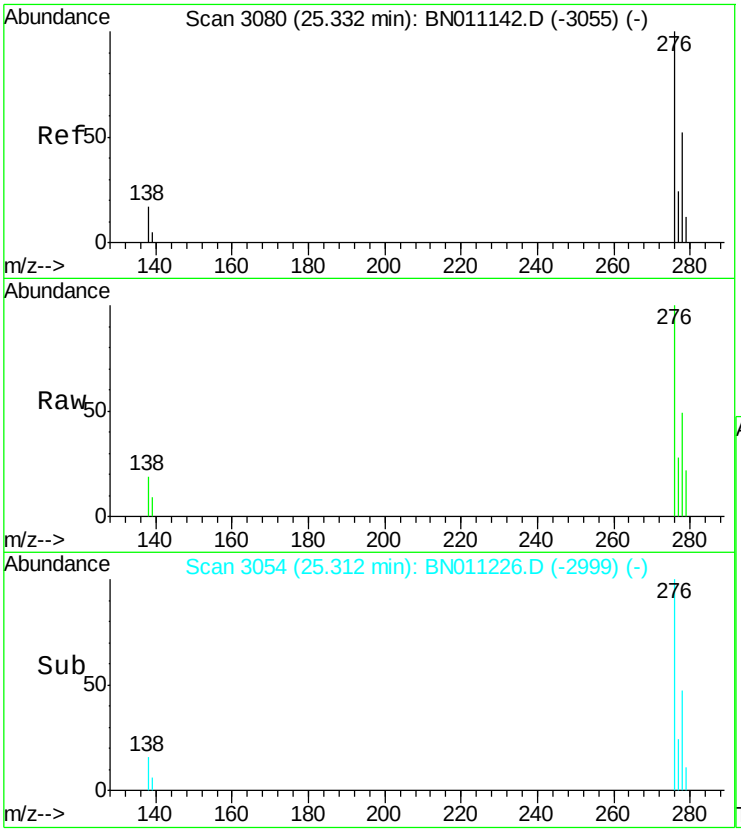


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.378 ng
RT: 21.04 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:149 Resp: 2533

Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.4	35.0
279	5.9	4.5	6.7



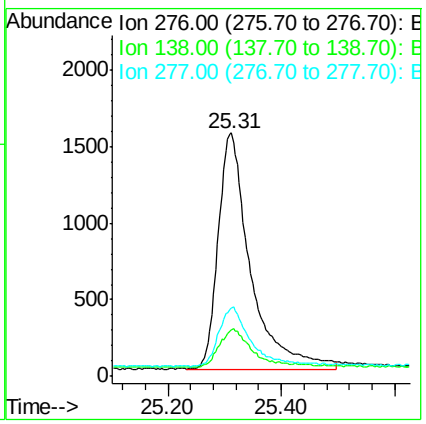


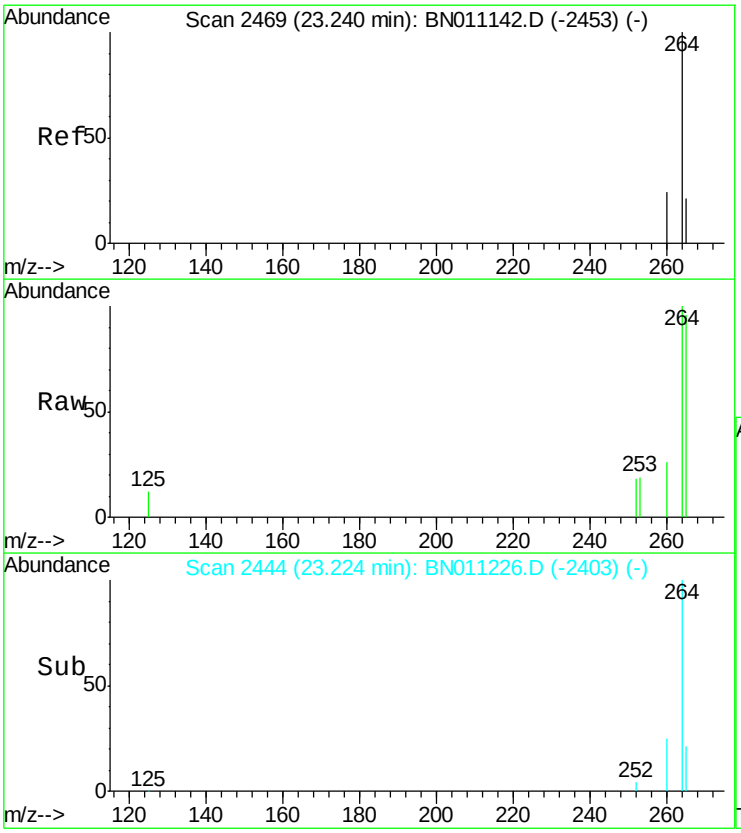
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.281 ng
RT: 25.31 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:276 Resp: 6124

Ion	Ratio	Lower	Upper
276	100		
138	16.1	13.0	19.6
277	24.5	19.7	29.5

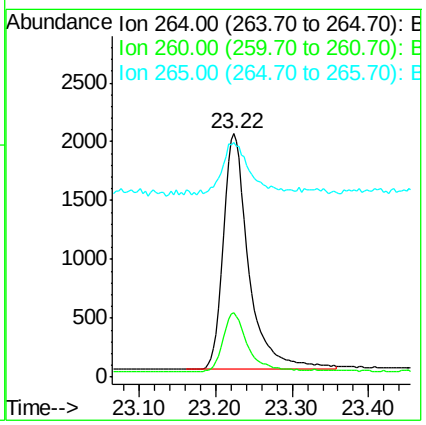


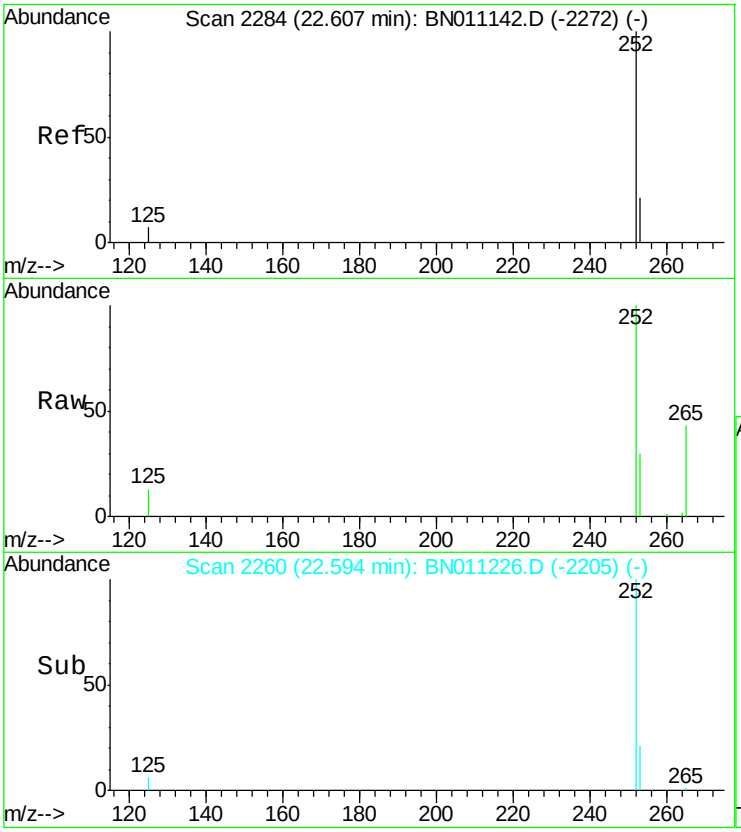


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:264 Resp: 4701

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.1	30.1
265	96.1	76.6	115.0



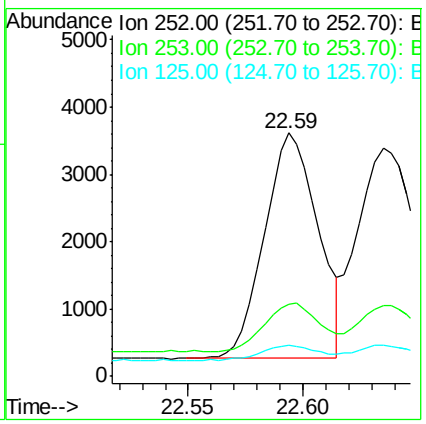


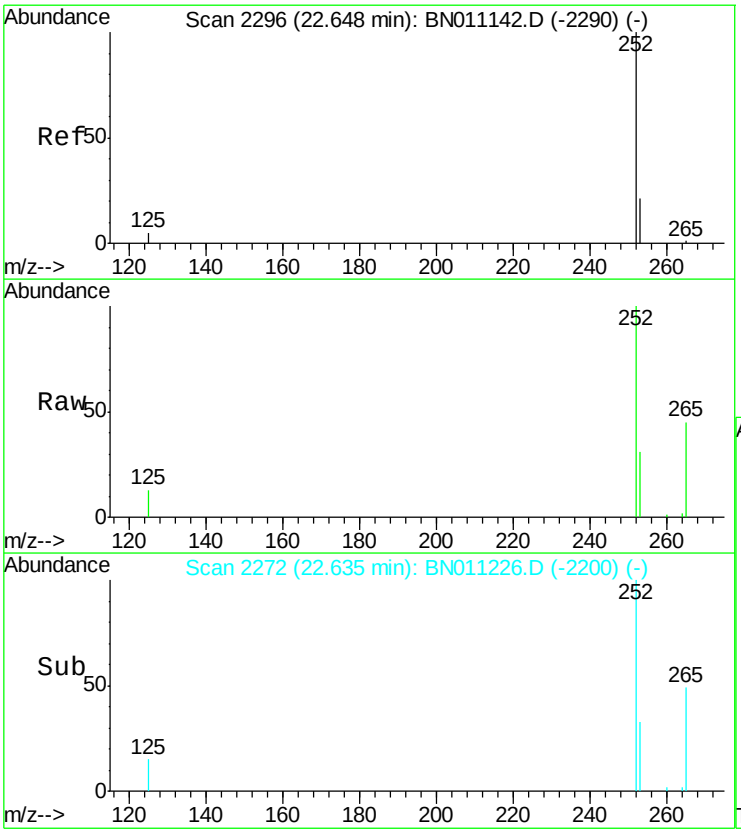
#37
Benzo(b)fluoranthene
Concen: 0.289 ng
RT: 22.59 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:252 Resp: 5456

Ion	Ratio	Lower	Upper
252	100		
253	29.5	22.6	34.0
125	12.6	9.6	14.4

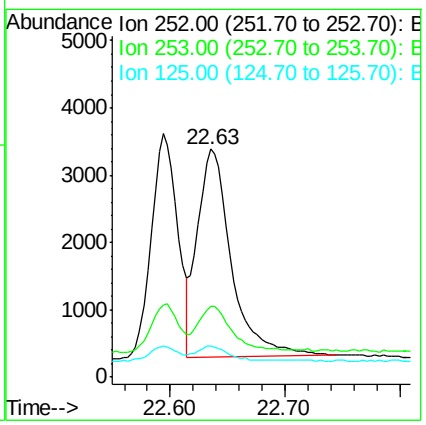


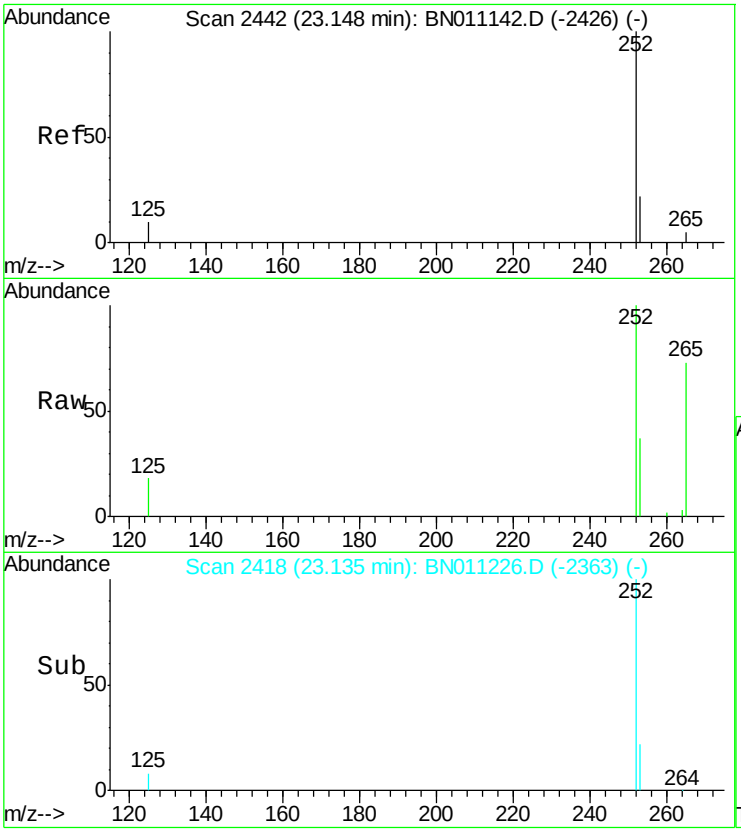


#38
Benzo(k)fluoranthene
Concen: 0.300 ng
RT: 22.63 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:252 Resp: 6398

Ion	Ratio	Lower	Upper
252	100		
253	30.9	22.2	33.4
125	13.5	11.0	16.4



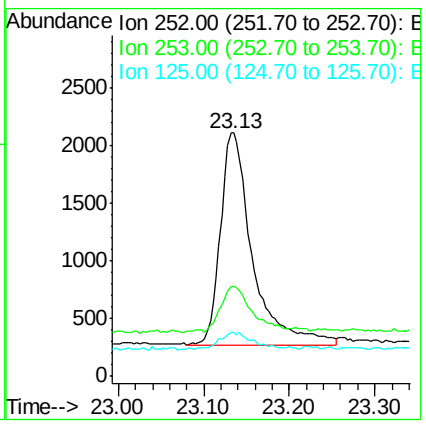


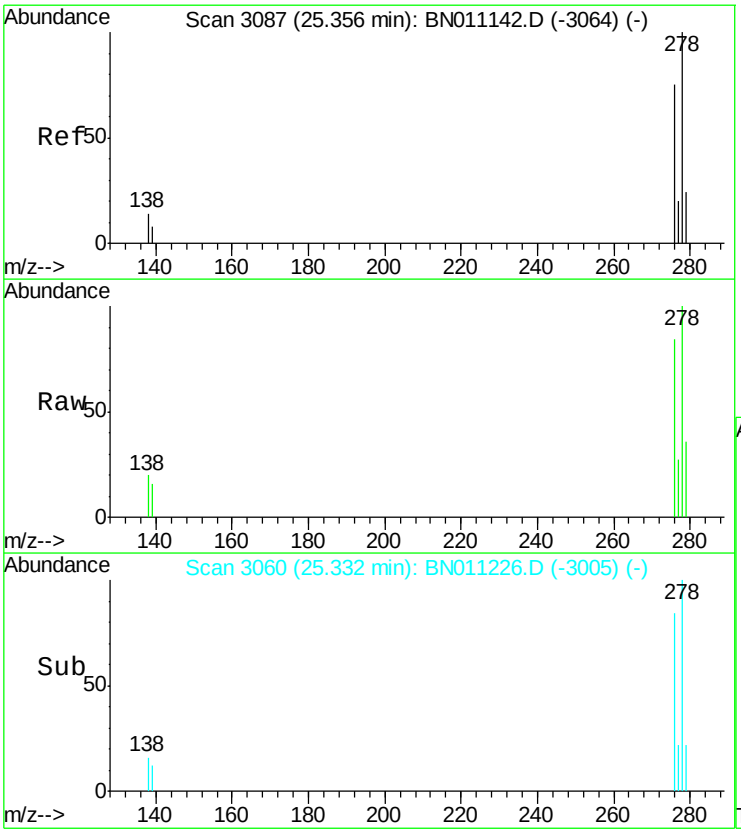
#39
Benzo(a)pyrene
Concen: 0.281 ng
RT: 23.13 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:252 Resp: 4774

Ion	Ratio	Lower	Upper
252	100		
253	37.2	25.8	38.6
125	18.3	13.4	20.0

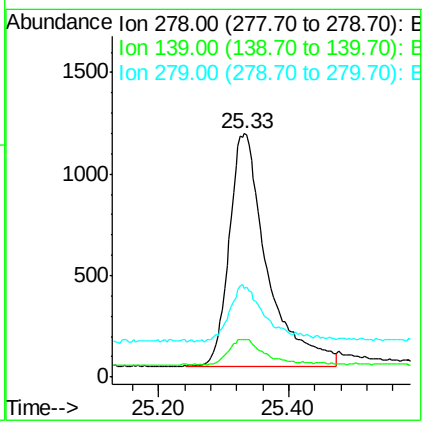


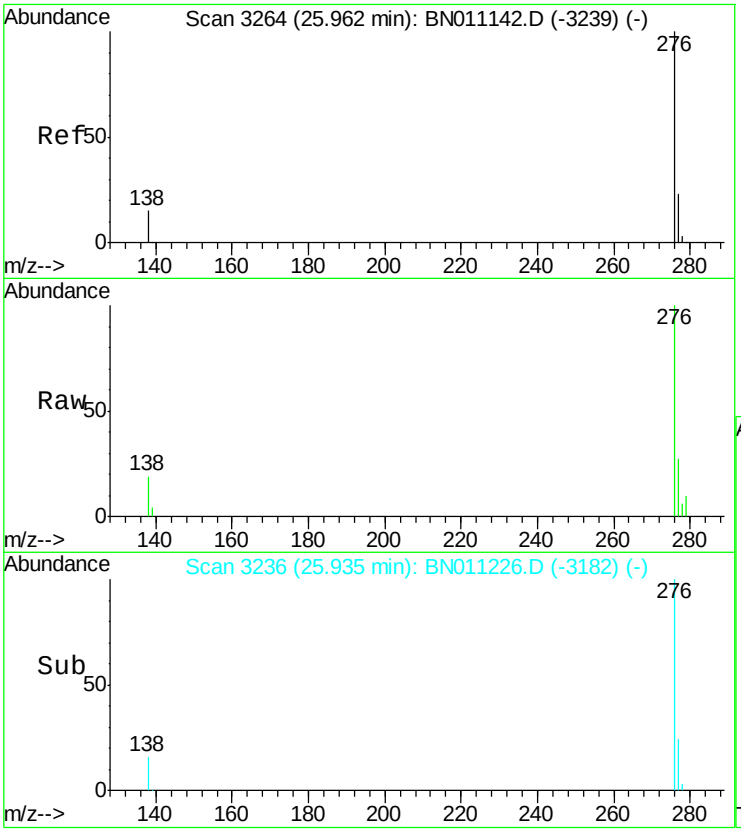


#40
Dibenzo(a,h)anthracene
Concen: 0.257 ng
RT: 25.33 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Tgt Ion:278 Resp: 4626

Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.7	17.5
279	36.4	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.300 ng
RT: 25.93 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BN011226.D
Acq: 22 Jul 2020 20:13

Instrument :
BNA_N
ClientSampleId :
PB130401BS

Tgt Ion:276 Resp: 5928

Ion	Ratio	Lower	Upper
276	100		
277	27.1	20.5	30.7
138	18.6	13.8	20.6