Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
Data File : BN011394.D
Acq On : 07 Aug 2020 12:03
Operator : CG/JU
Sample : PB130764BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 07 12:42:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 12:17:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1244	0.40	ng		0.00
7) Naphthalene-d8	10.20	136	4175	0.40	ng		-0.01
13) Acenaphthene-d10	14.08	164	2440	0.40	ng		-0.01
19) Phenanthrene-d10	16.85	188	4352	0.40	ng		0.00
29) Chrysene-d12	21.06	240	4665	0.40	ng		-0.01
36) Perylene-d12	23.18	264	4852	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1099	0.34	ng		0.00
5) Phenol-d6	6.67	99	1105	0.28	ng		0.00
8) Nitrobenzene-d5	8.60	82	1184	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.80	152	2139	0.28	ng		0.00
14) 2,4,6-Tribromophenol	15.60	330	265	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.69	172	4271	0.41	ng		-0.01
27) Fluoranthene-d10	18.88	212	4020	0.30	ng		0.00
31) Terphenyl-d14	19.50	244	4266	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	389	0.222	ng	#	34
3) n-Nitrosodimethylamine	3.50	42	219	0.244	ng	#	98
6) bis(2-Chloroethyl)ether	6.91	93	776	0.235	ng		94
9) Naphthalene	10.25	128	3506	0.283	ng		97
10) Hexachlorobutadiene	10.54	225	862	0.287	ng	#	98
12) 2-Methylnaphthalene	11.87	142	2159	0.246	ng		97
16) Acenaphthylene	13.80	152	3453	0.275	ng		99
17) Acenaphthene	14.14	154	2203	0.269	ng		99
18) Fluorene	15.14	166	2495	0.237	ng		99
20) 4,6-Dinitro-2-methylphenol	15.28	198	100	0.303	ng	#	65
21) 4-Bromophenyl-phenylether	16.04	248	687	0.238	ng		96
22) Hexachlorobenzene	16.15	284	908	0.278	ng		97
23) Atrazine	16.34	200	529	0.235	ng	#	90
24) Pentachlorophenol	16.51	266	488	0.481	ng		99
25) Phenanthrene	16.88	178	3733	0.264	ng		98
26) Anthracene	16.98	178	3282	0.279	ng		99
28) Fluoranthene	18.92	202	4313	0.268	ng		99
30) Pyrene	19.28	202	4341	0.206	ng		99
32) Benzo(a)anthracene	21.05	228	4804	0.307	ng		98
33) Chrysene	21.10	228	5217	0.297	ng		99
34) Bis(2-ethylhexyl)phthalate	21.00	149	1509	0.180	ng		98
35) Indeno(1,2,3-cd)pyrene	25.25	276	7620	0.445	ng		100
37) Benzo(b)fluoranthene	22.56	252	5544	0.287	ng		96
38) Benzo(k)fluoranthene	22.60	252	5653	0.265	ng		95
39) Benzo(a)pyrene	23.09	252	4606	0.274	ng		95
40) Dibenzo(a,h)anthracene	25.26	278	6241	0.359	ng		99
41) Benzo(g,h,i)perylene	25.87	276	6185	0.321	ng		99

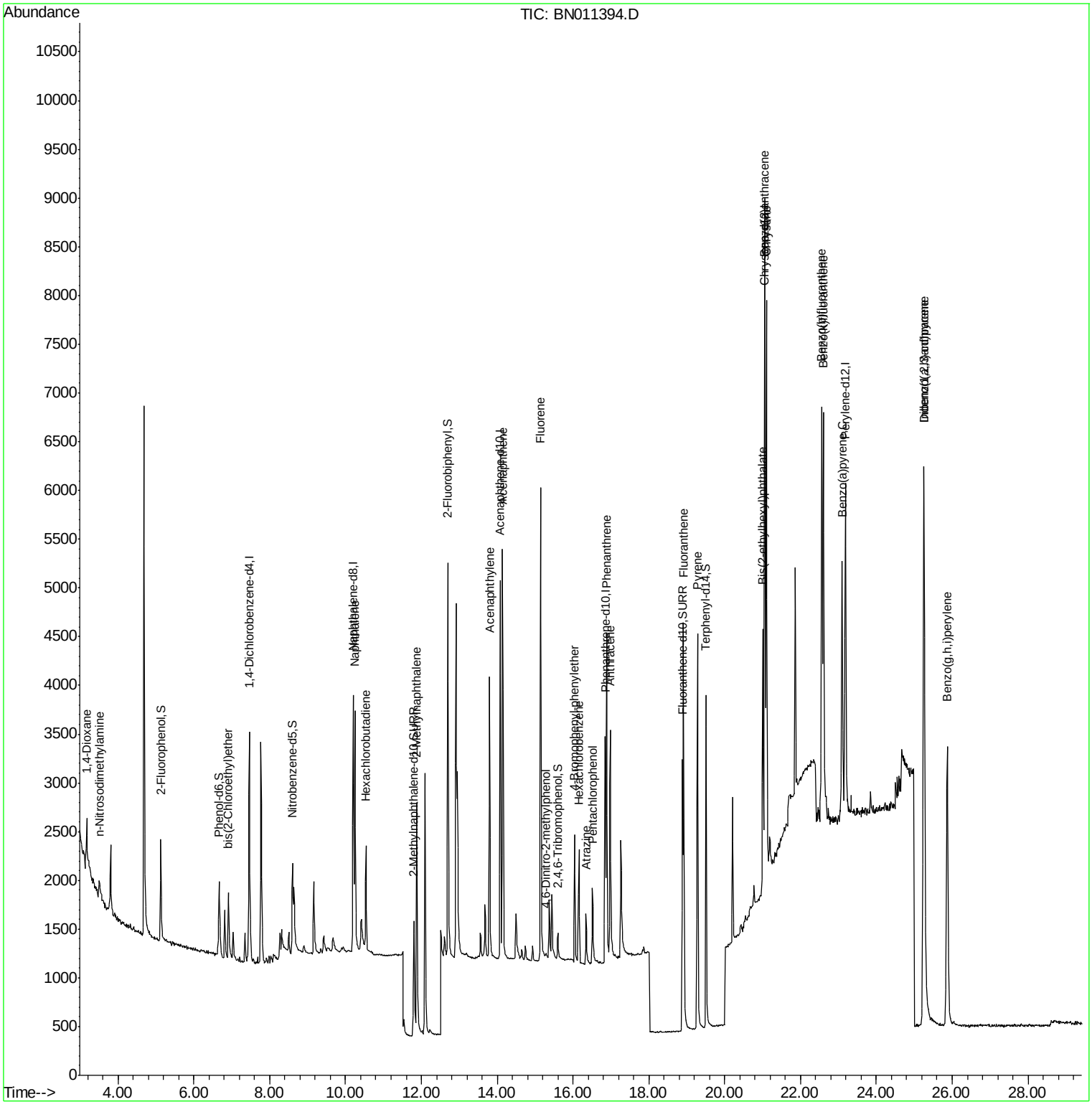
(#) = qualifier out of range (m) = manual integration (+) = signals summed

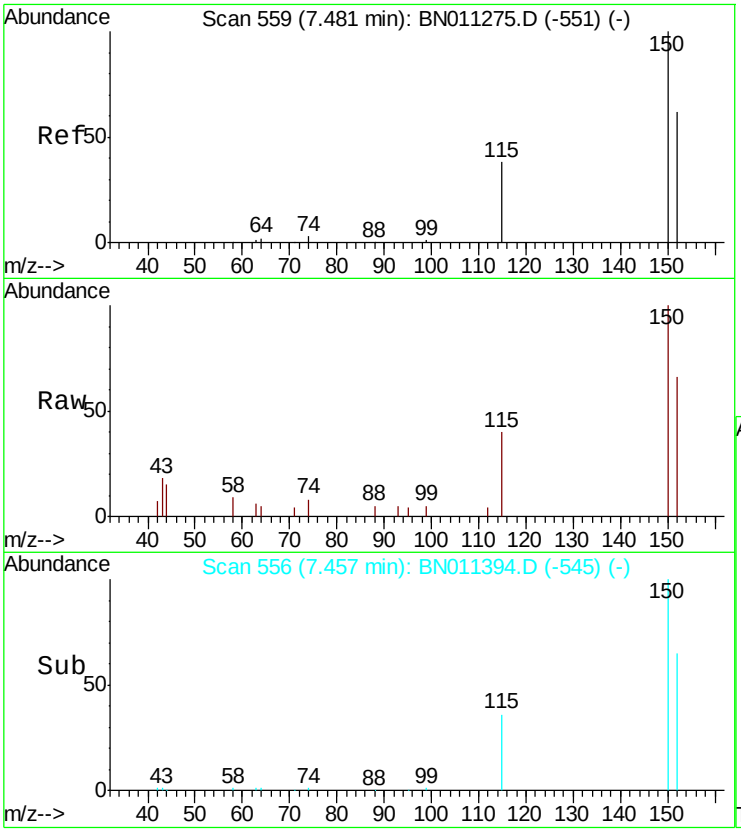
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
Data File : BN011394.D
Acq On : 07 Aug 2020 12:03
Operator : CG/JU
Sample : PB130764BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 07 12:42:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 12:17:46 2020
Response via : Initial Calibration



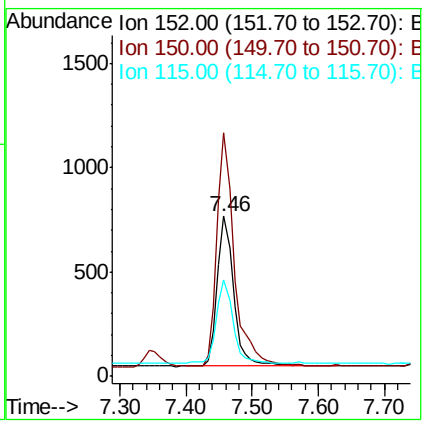


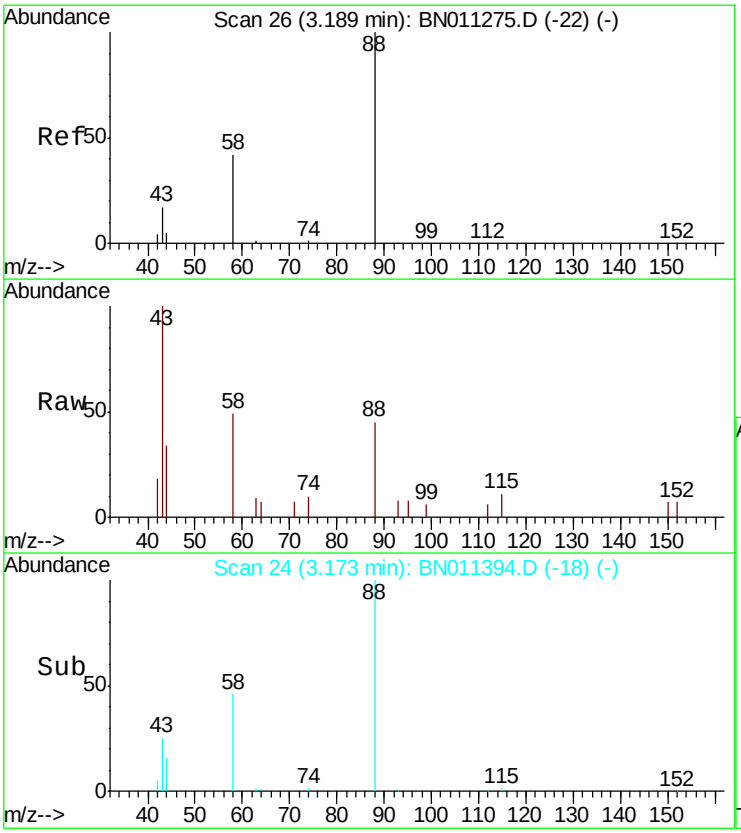
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.46 min Scan# 556
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1244

Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.5	189.7
115	60.4	51.9	77.9

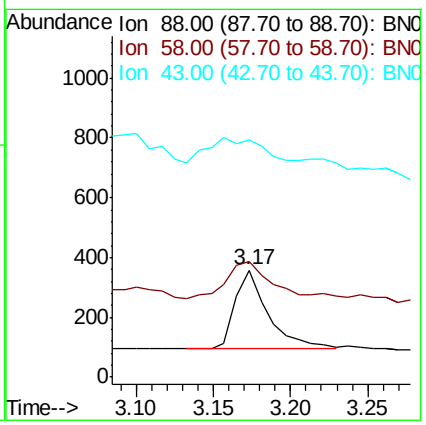


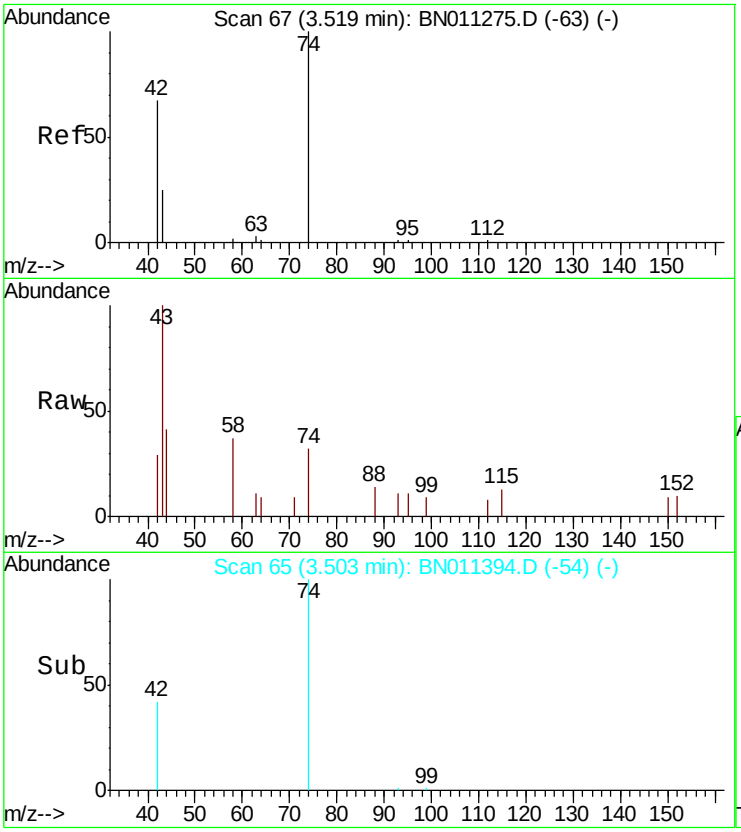


#2
1,4-Dioxane
Concen: 0.222 ng
RT: 3.17 min Scan# 24
Delta R.T. 0.00 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion: 88 Resp: 389

Ion	Ratio	Lower	Upper
88	100		
58	67.4	36.5	54.7#
43	84.6	16.1	24.1#



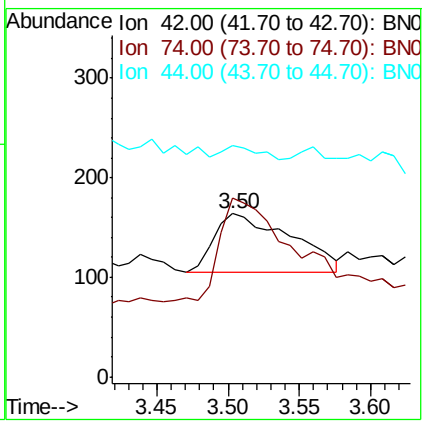


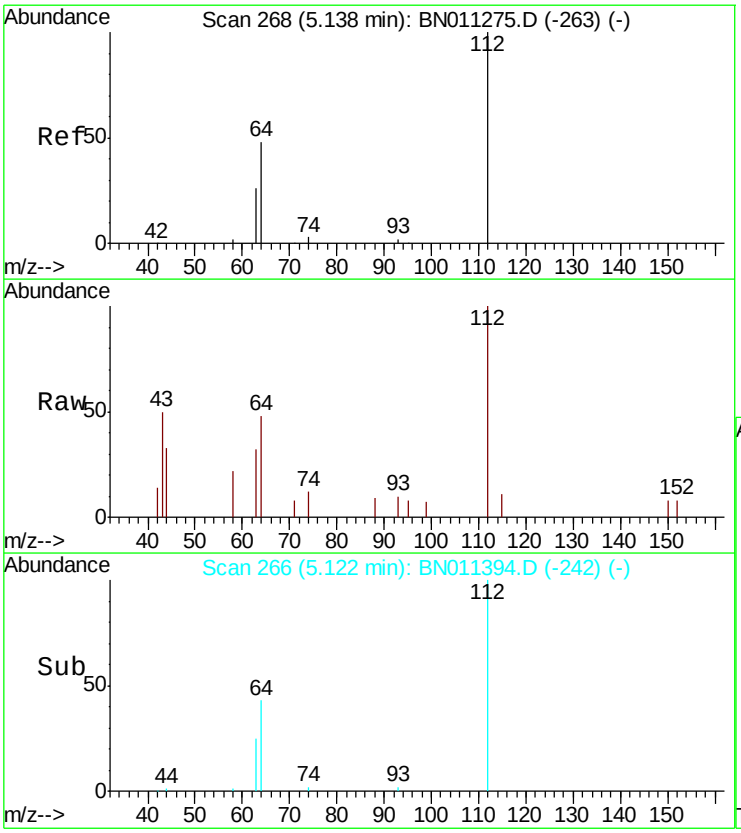
#3
n-Nitrosodimethylamine
Concen: 0.244 ng
RT: 3.50 min Scan# 65
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 219

Ion	Ratio	Lower	Upper
42	100		
74	183.1	144.2	216.2
44	11.0	11.1	16.7#

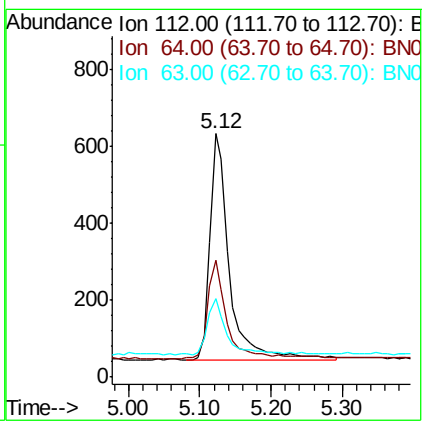


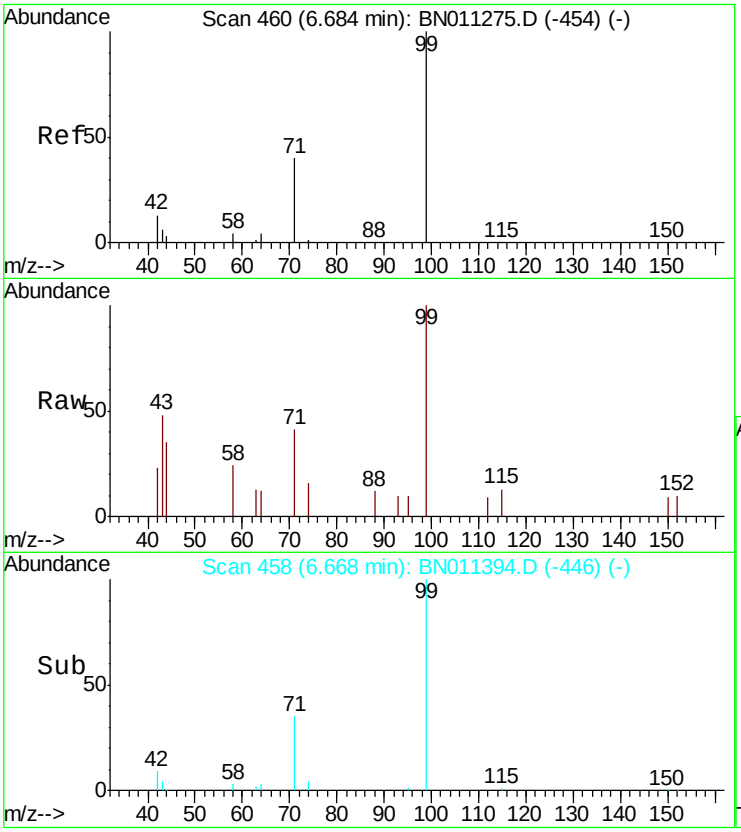


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.12 min Scan# 266
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:112 Resp: 1099

Ion	Ratio	Lower	Upper
112	100		
64	43.3	35.8	53.6
63	24.7	19.3	28.9



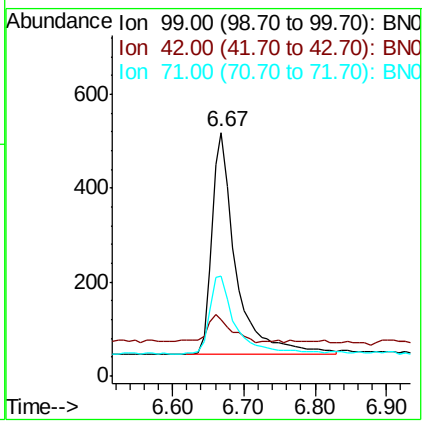


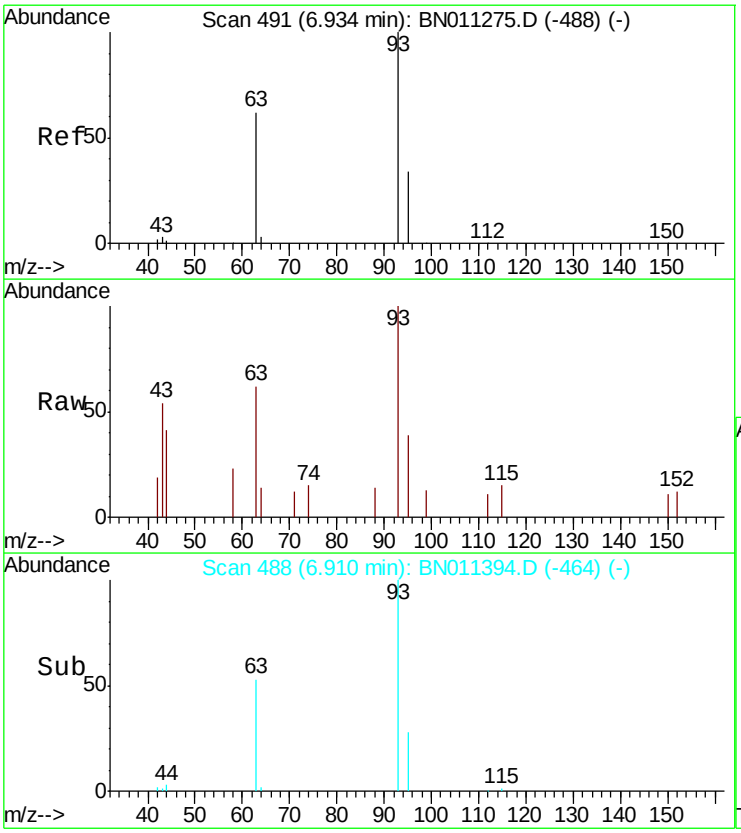
#5
Phenol-d6
Concen: 0.278 ng
RT: 6.67 min Scan# 458
Delta R.T. 0.00 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1105

Ion	Ratio	Lower	Upper
99	100		
42	11.8	11.2	16.8
71	38.1	30.6	45.8

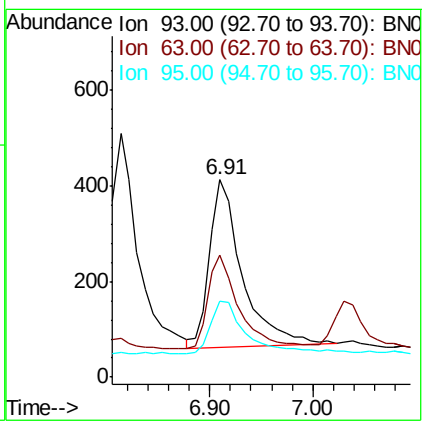


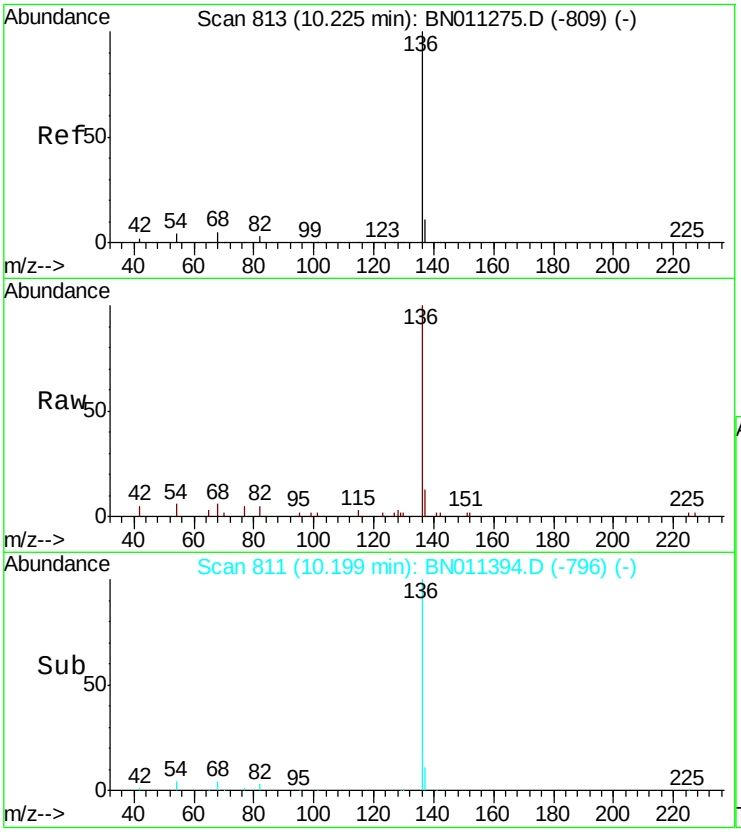


#6
bis(2-Chloroethyl)ether
Concen: 0.235 ng
RT: 6.91 min Scan# 488
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion: 93 Resp: 776

Ion	Ratio	Lower	Upper
93	100		
63	54.0	47.8	71.6
95	35.3	27.1	40.7



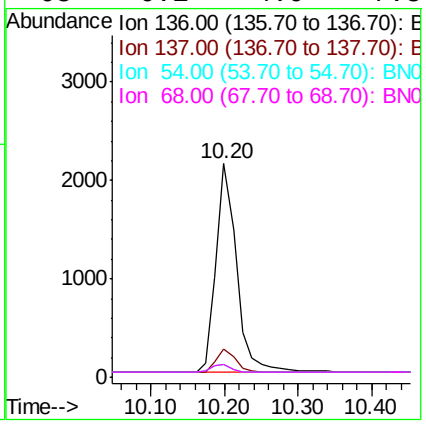


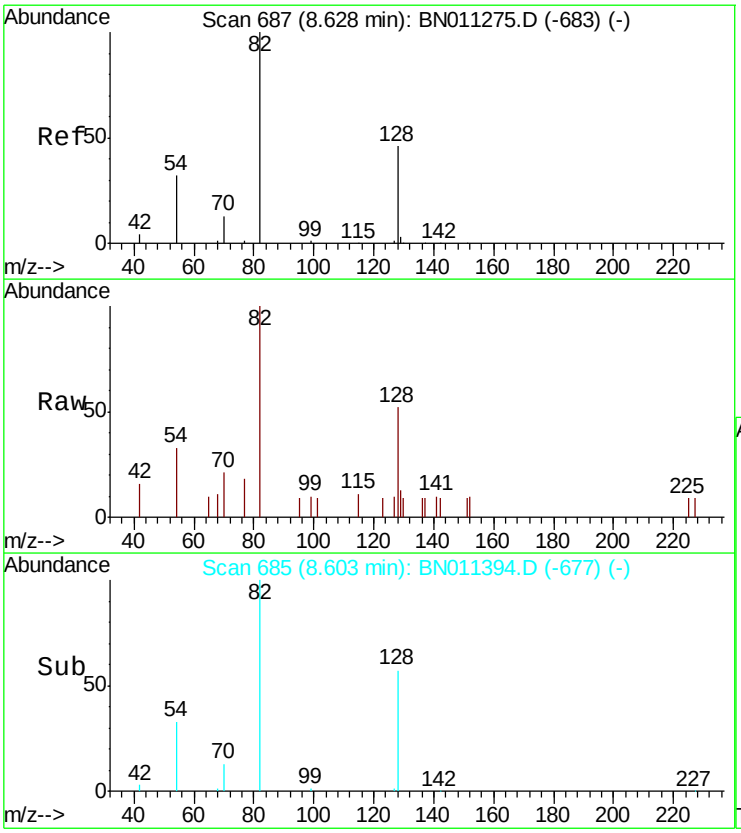
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.20 min Scan# 811
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 4175

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.9	14.9
54	5.8	4.8	7.2
68	6.1	4.9	7.3

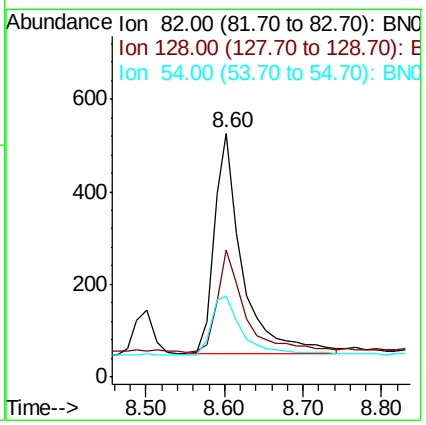


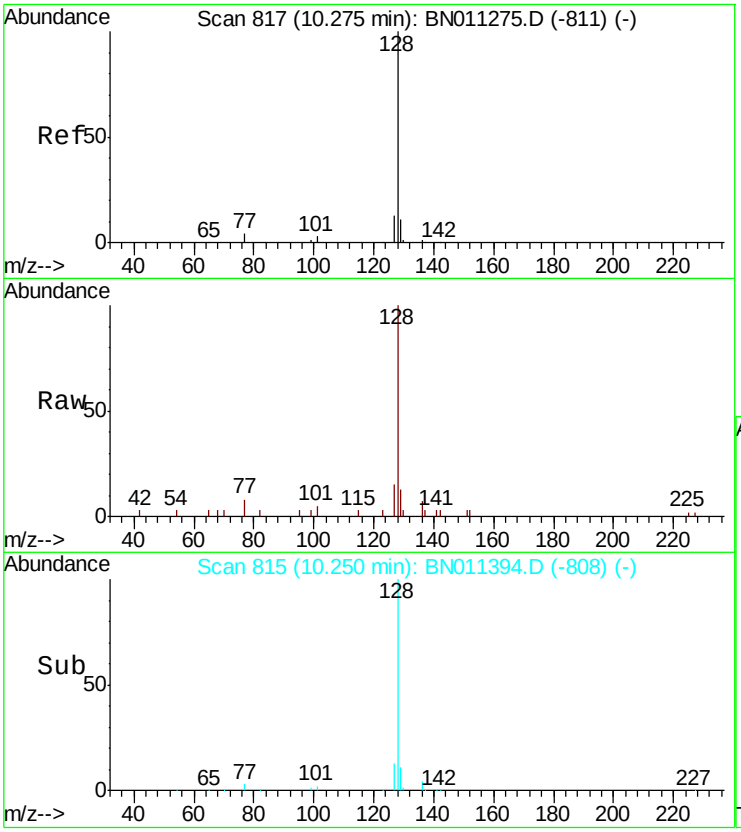


#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 8.60 min Scan# 685
Delta R.T. 0.00 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion: 82 Resp: 1184

Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.1	60.1
54	33.3	29.0	43.6



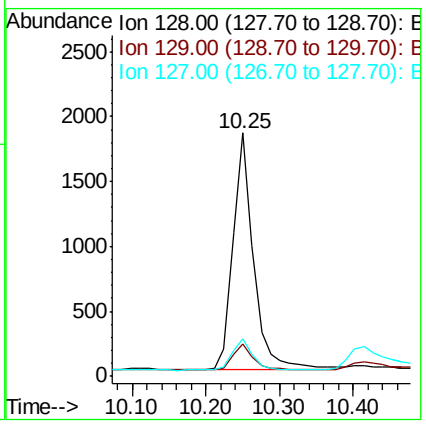


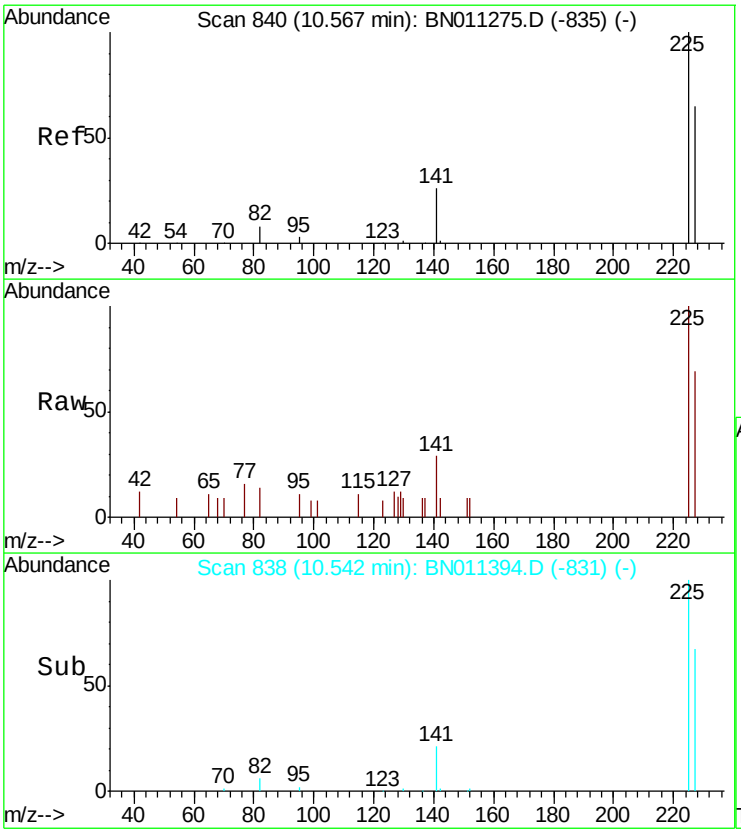
#9
Naphthalene
Concen: 0.283 ng
RT: 10.25 min Scan# 815
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 3506

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.7	14.5
127	15.4	11.5	17.3

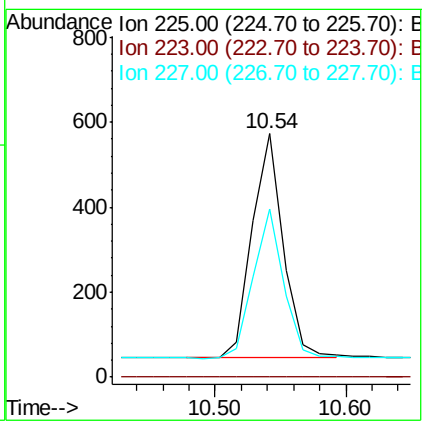


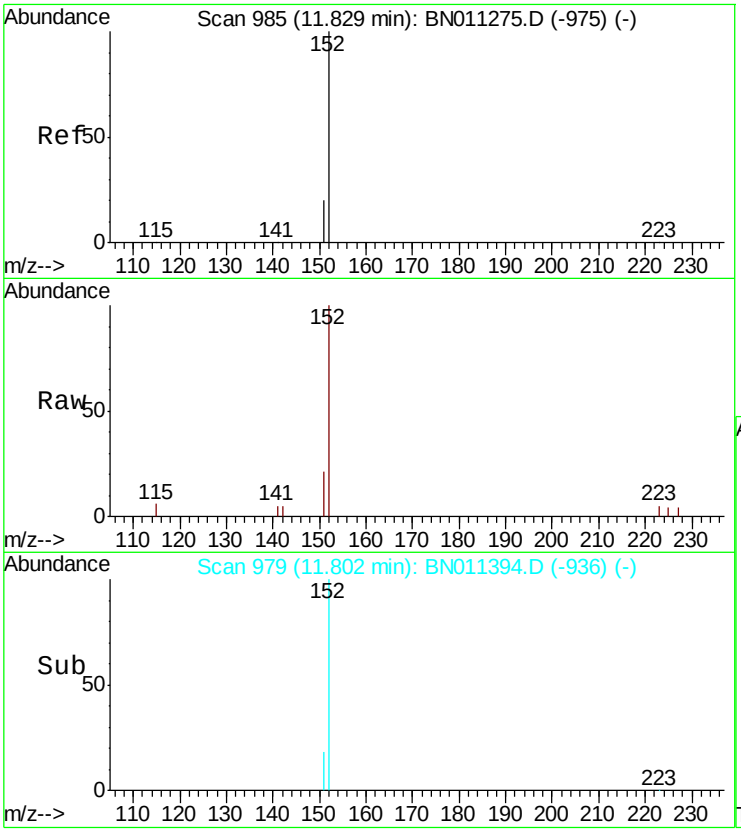


#10
Hexachlorobutadiene
Concen: 0.287 ng
RT: 10.54 min Scan# 838
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:225 Resp: 862

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	66.1	51.7	77.5



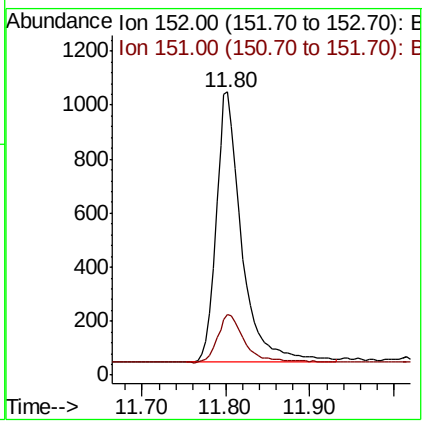


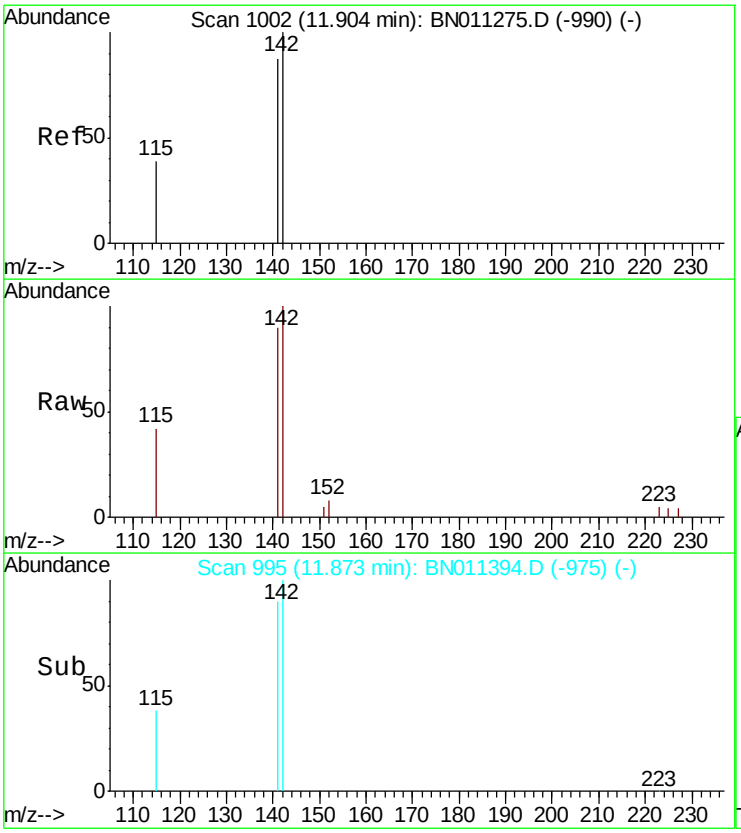
#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 11.80 min Scan# 979
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2139

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.6	24.8

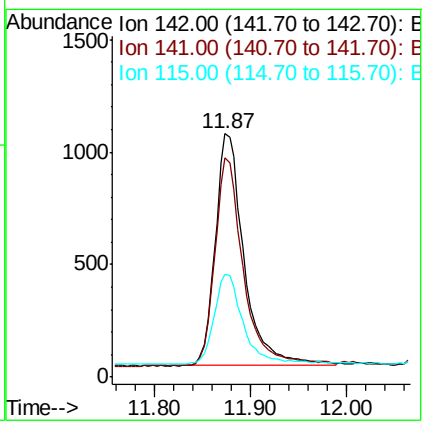


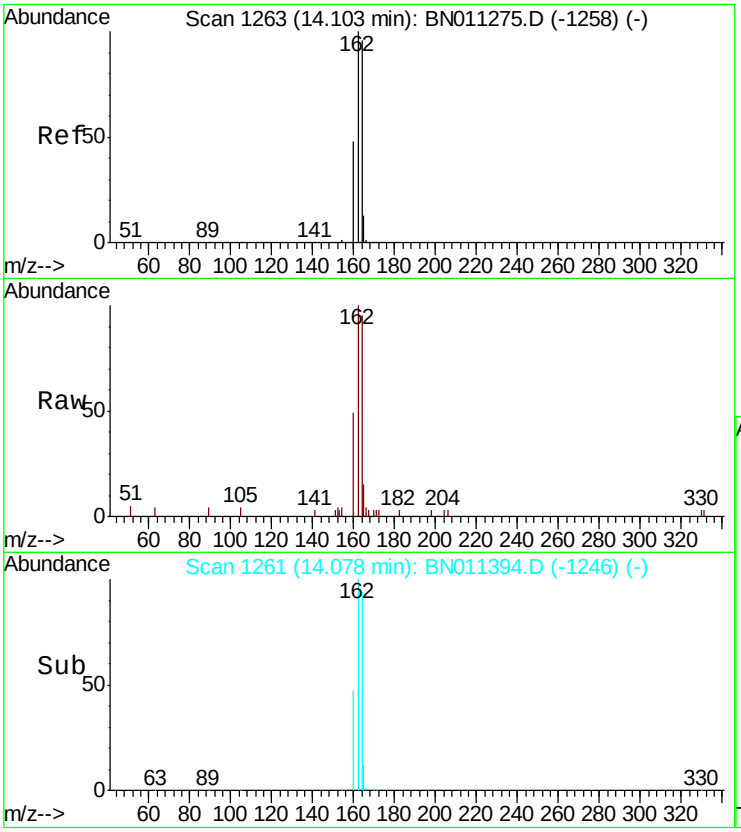


#12
2-Methylnaphthalene
Concen: 0.246 ng
RT: 11.87 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:142 Resp: 2159

Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.6	104.4
115	42.1	32.5	48.7



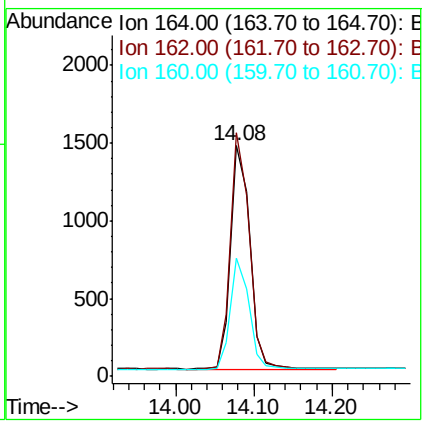


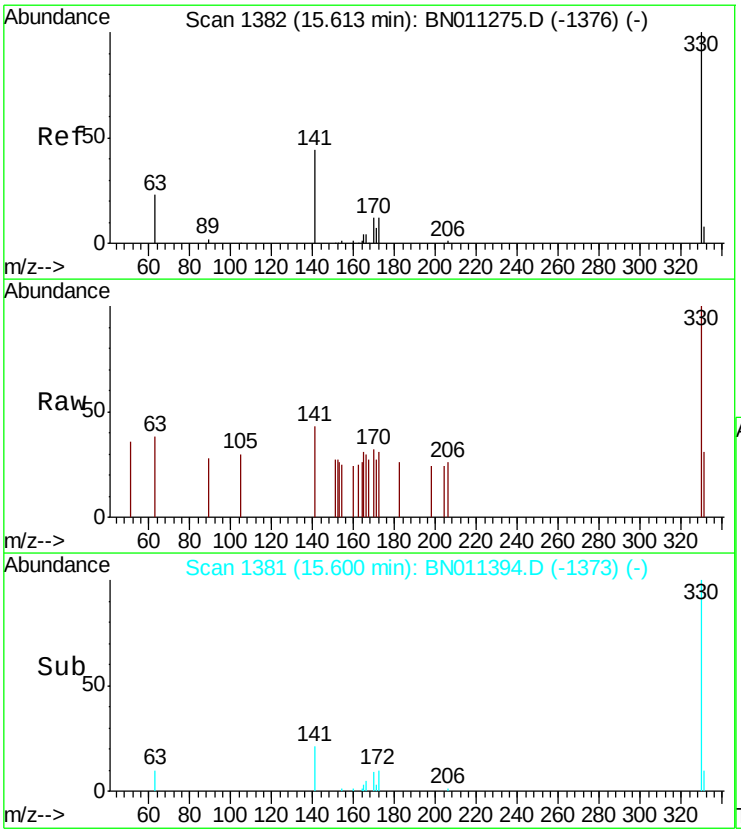
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 2440

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.6	125.4
160	51.5	41.2	61.8

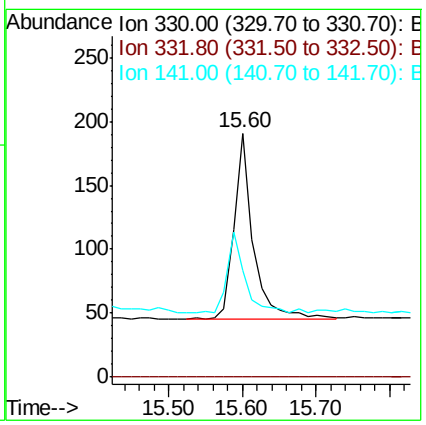


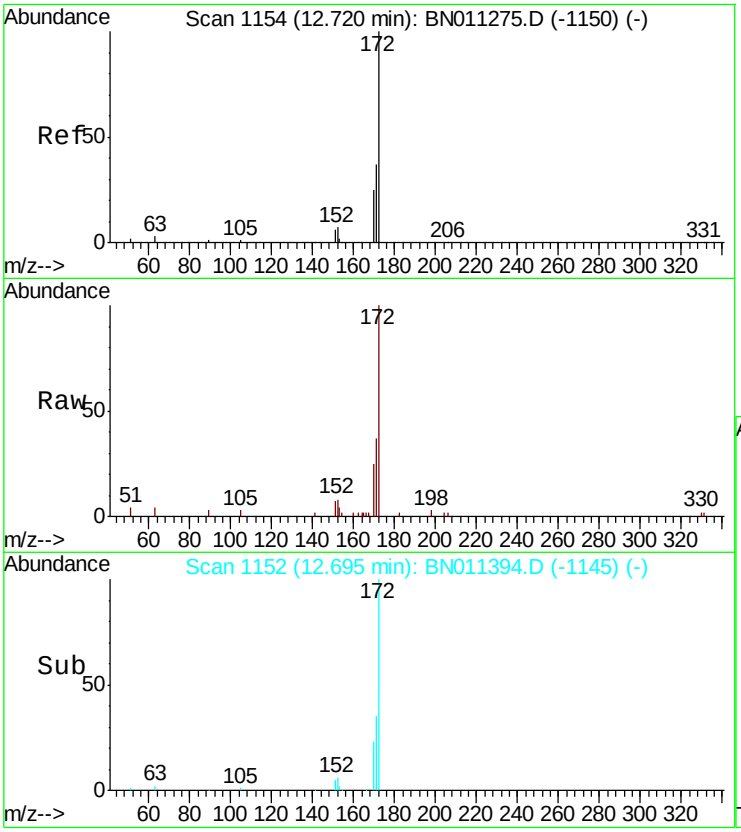


#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 15.60 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:330 Resp: 265

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.9	34.2	51.2



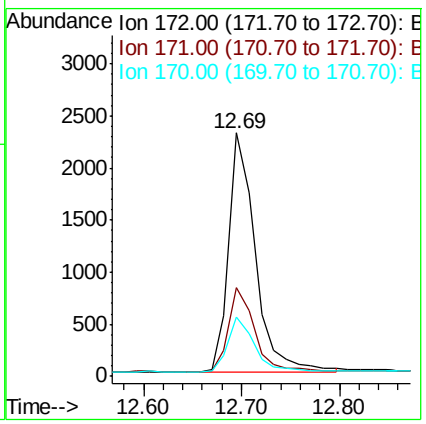


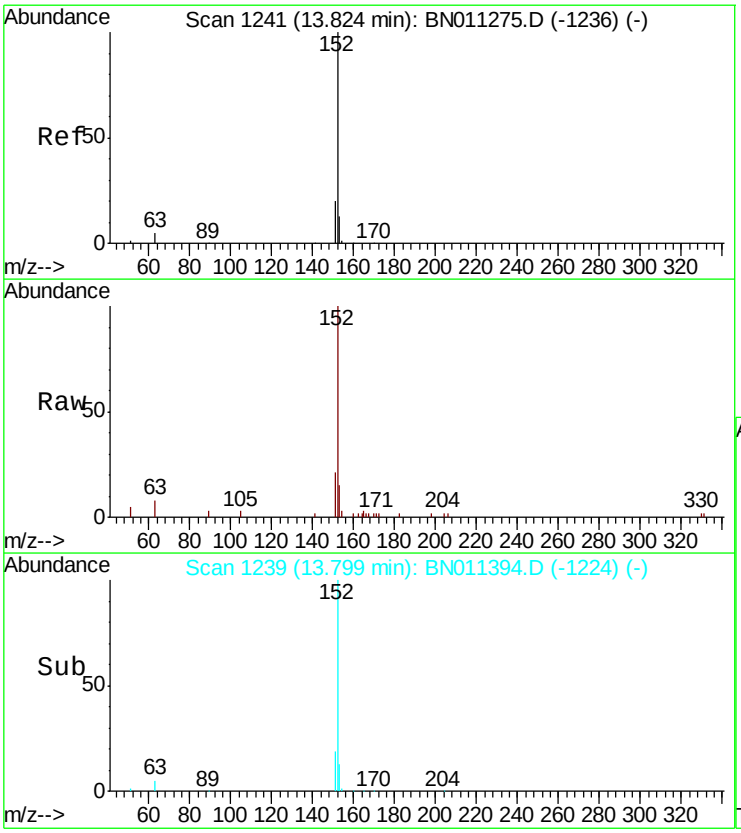
#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.69 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 4271

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	46.0
170	24.6	21.0	31.4

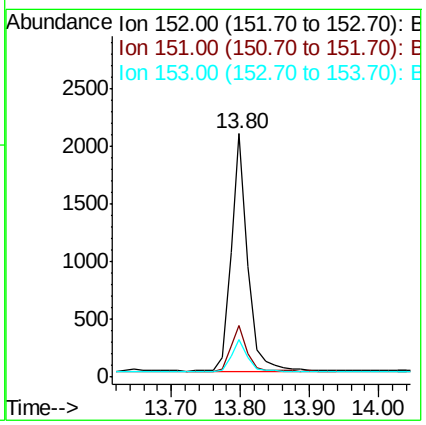


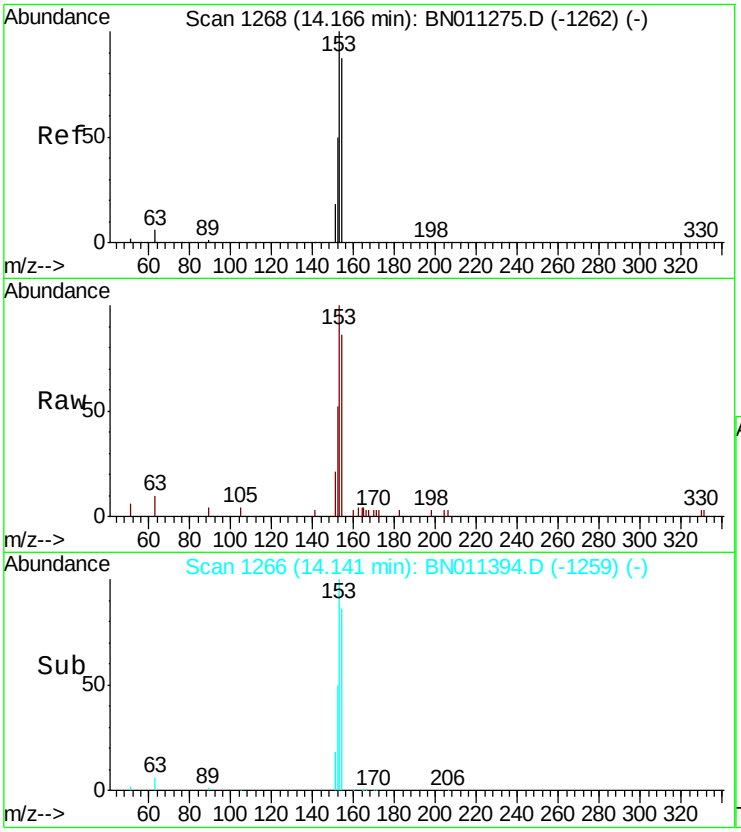


#16
Acenaphthylene
Concen: 0.275 ng
RT: 13.80 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:152 Resp: 3453

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.5	10.2	15.4



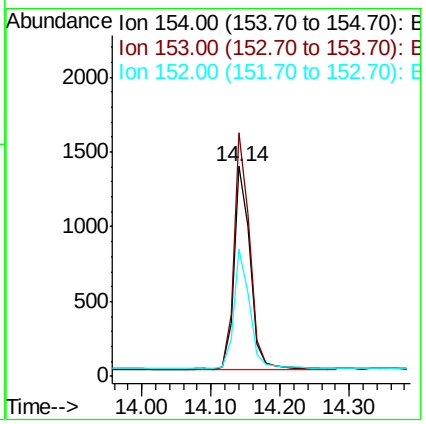


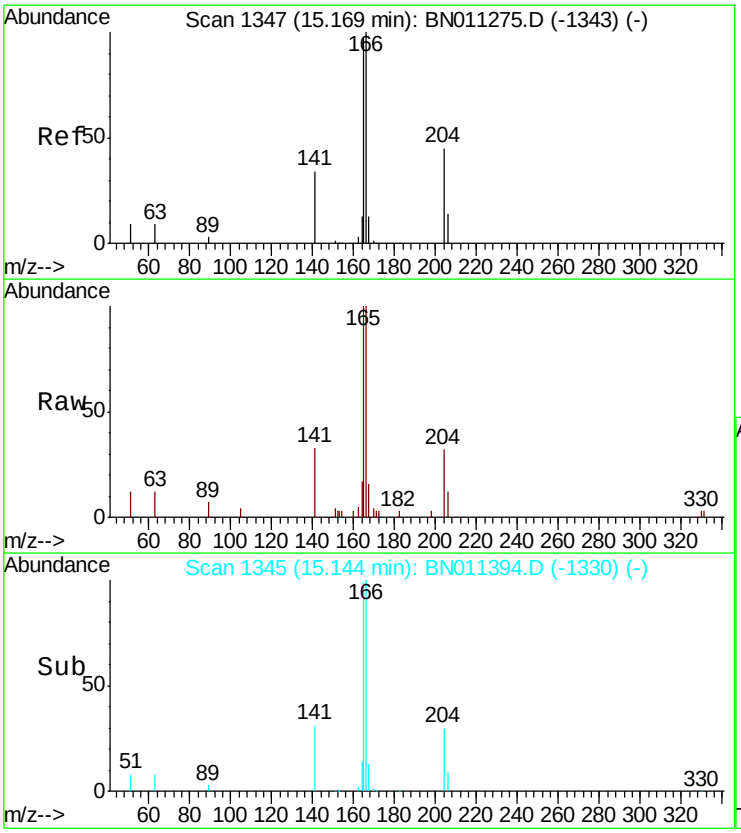
#17
Acenaphthene
Concen: 0.269 ng
RT: 14.14 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2203

Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.3	136.9
152	57.9	45.8	68.6

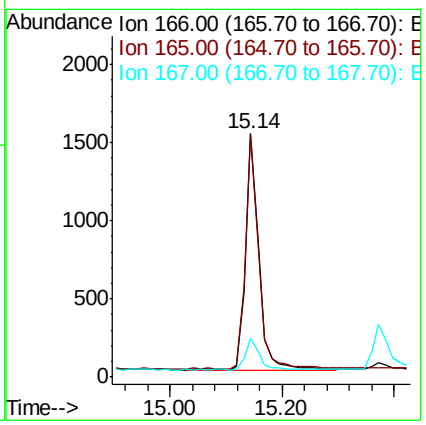


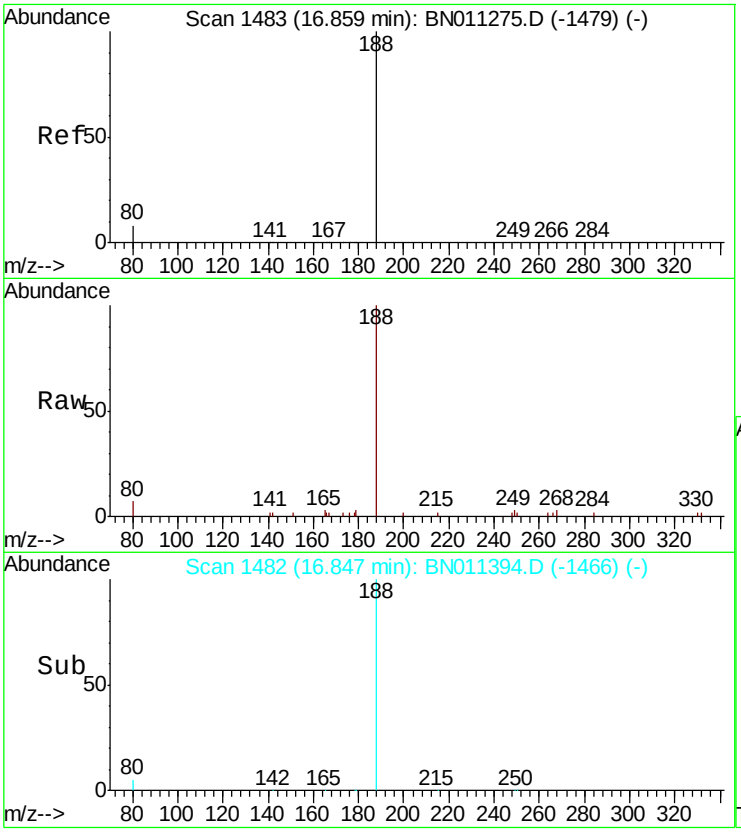


#18
Fluorene
Concen: 0.237 ng
RT: 15.14 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:166 Resp: 2495

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.6	119.4
167	13.9	10.8	16.2



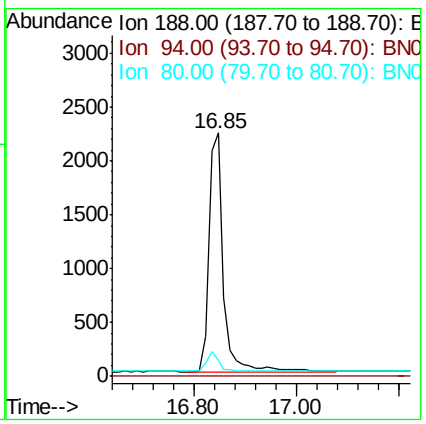


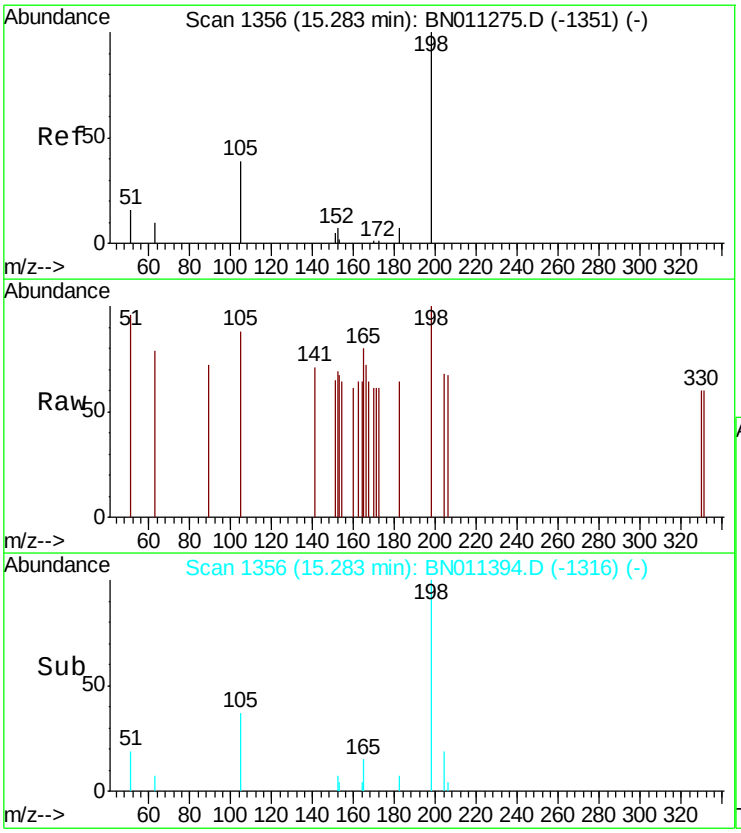
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 4352

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	7.4	11.0#

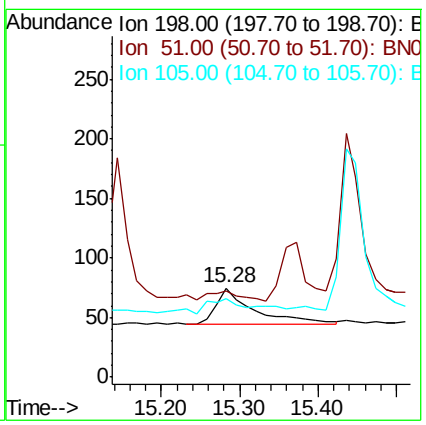


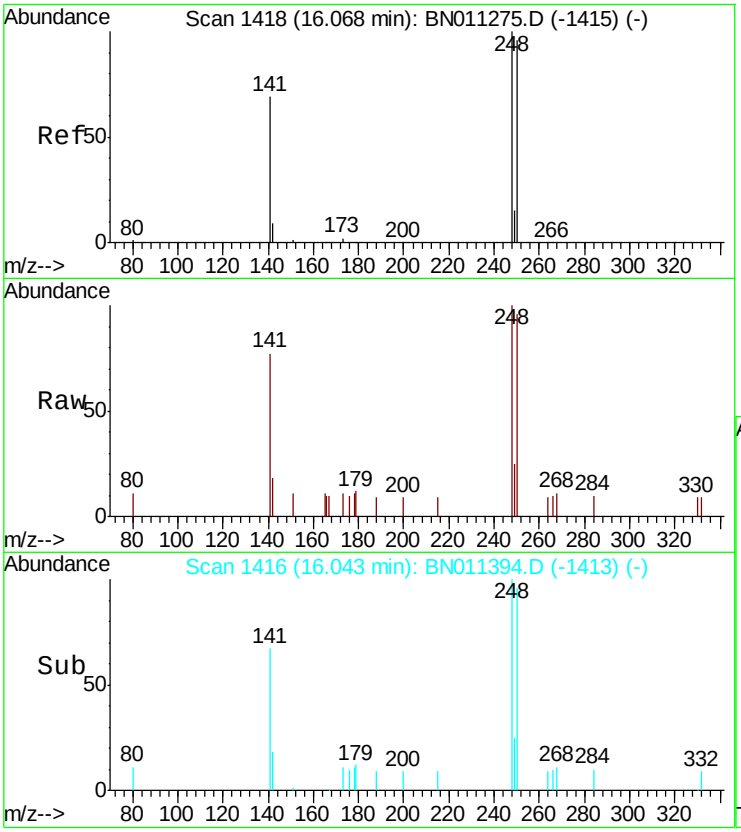


#20
4,6-Dinitro-2-methylphenol
Concen: 0.303 ng
RT: 15.28 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:198 Resp: 100

Ion	Ratio	Lower	Upper
198	100		
51	96.0	49.0	73.6#
105	88.0	53.8	80.6#



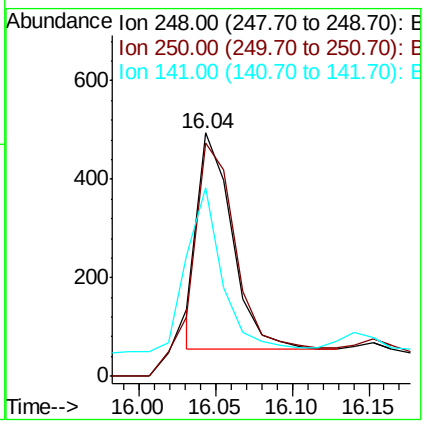


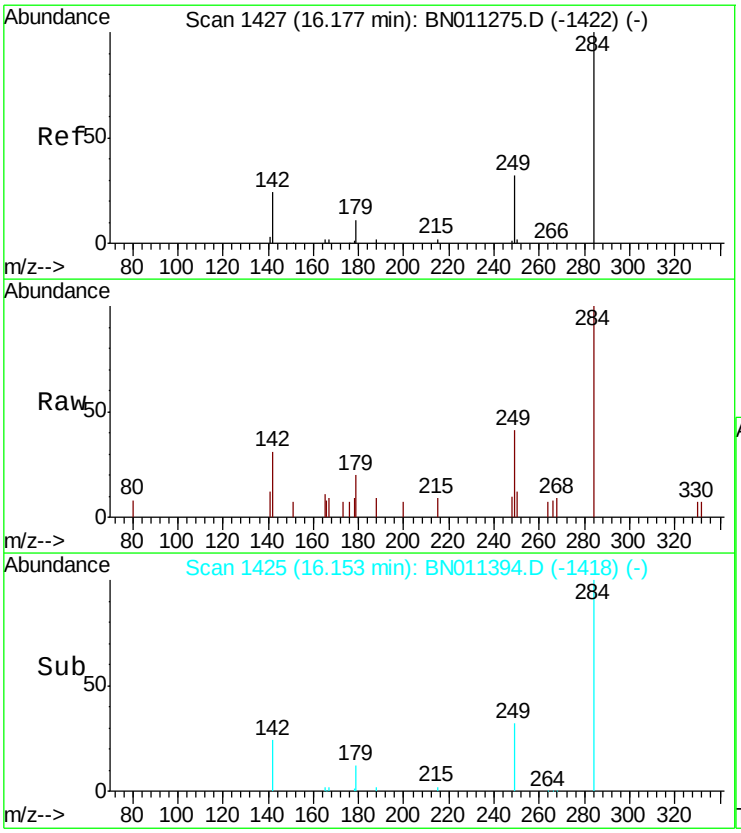
#21
4-Bromophenyl-phenylether
Concen: 0.238 ng
RT: 16.04 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 687

Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.2	115.8
141	77.3	56.5	84.7

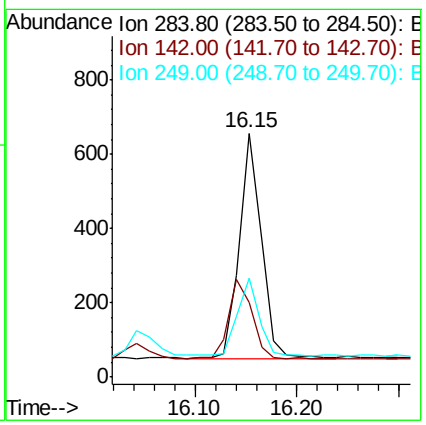


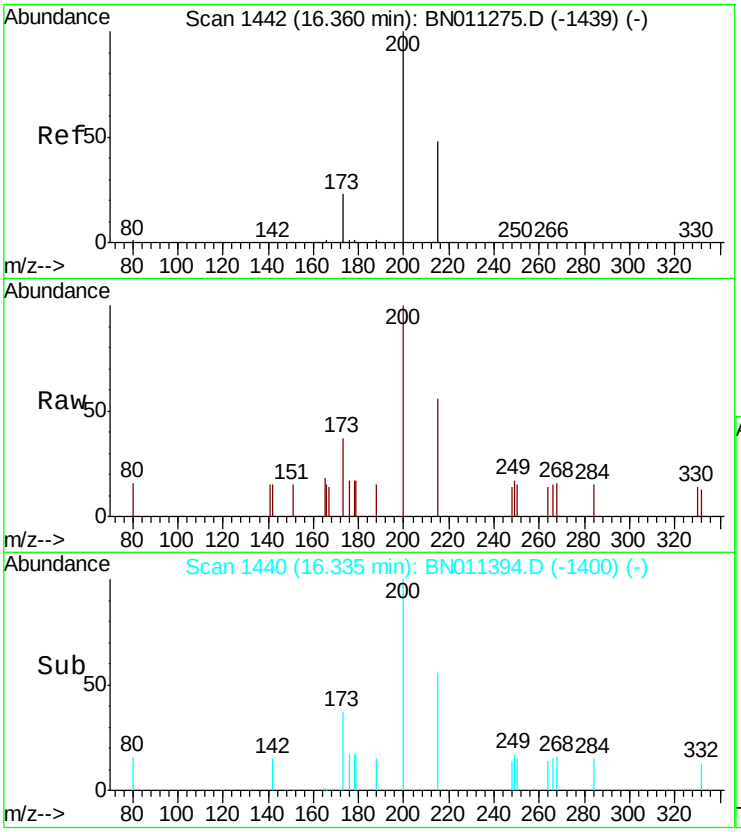


#22
Hexachlorobenzene
Concen: 0.278 ng
RT: 16.15 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:284 Resp: 908

Ion	Ratio	Lower	Upper
284	100		
142	37.9	32.8	49.2
249	33.5	26.6	40.0



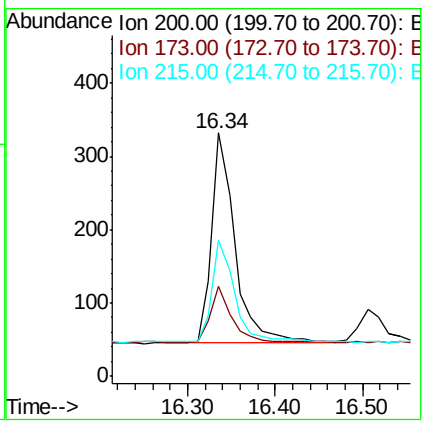


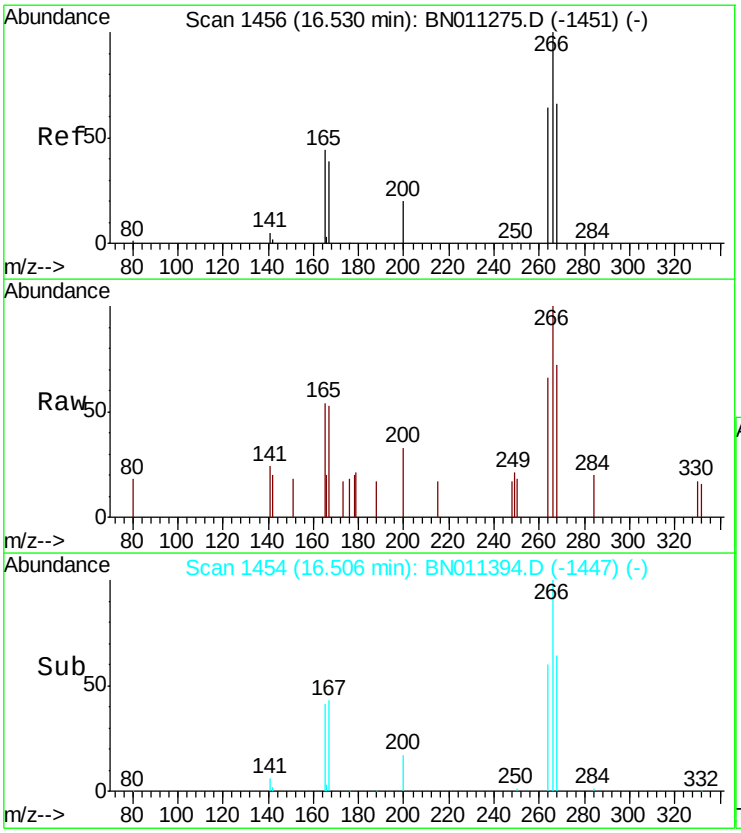
#23
Atrazine
Concen: 0.235 ng
RT: 16.34 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 529

Ion	Ratio	Lower	Upper
200	100		
173	37.0	22.0	33.0#
215	55.7	41.1	61.7

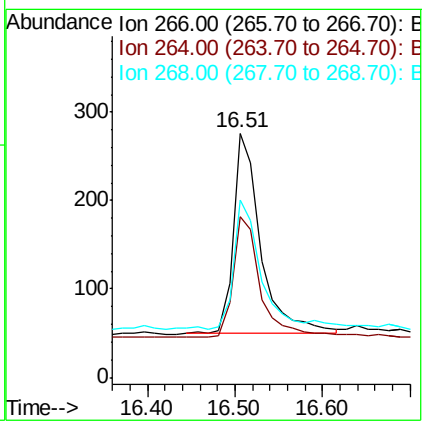


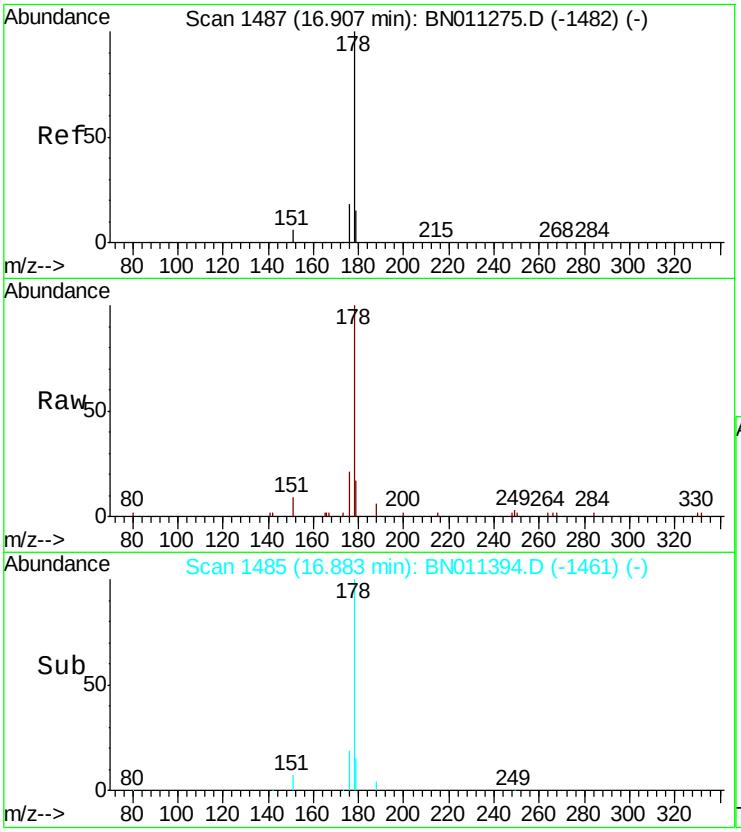


#24
Pentachlorophenol
Concen: 0.481 ng
RT: 16.51 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:266 Resp: 488

Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.1	76.7
268	68.6	55.5	83.3



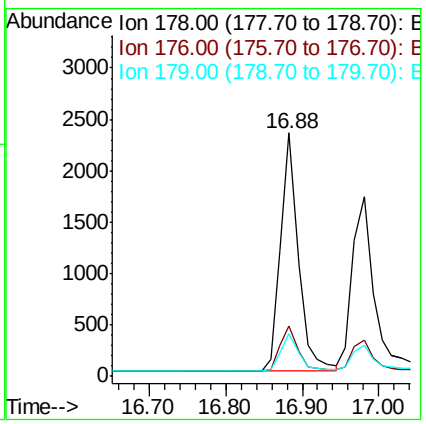


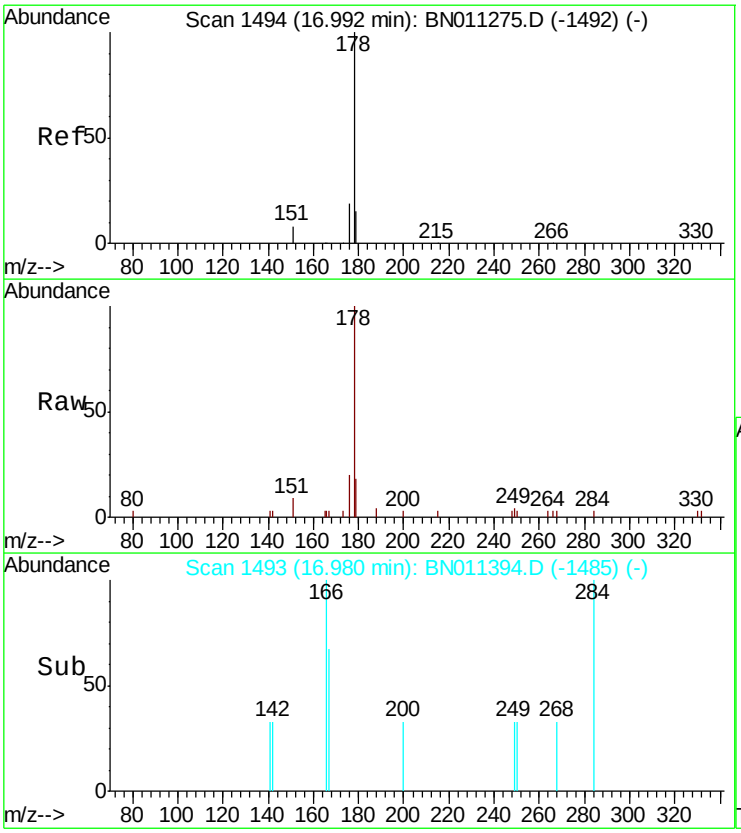
#25
Phenanthrene
Concen: 0.264 ng
RT: 16.88 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3733

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.9	22.3
179	15.8	12.2	18.4

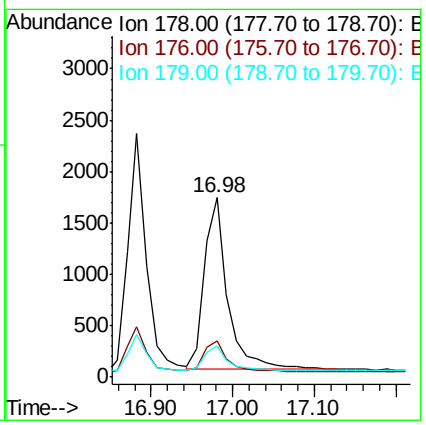


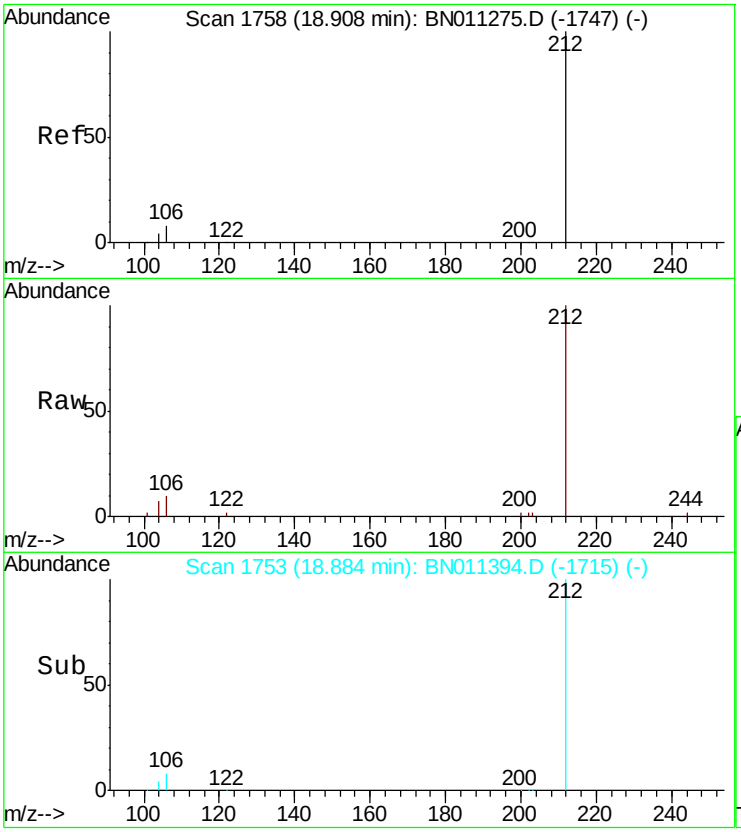


#26
Anthracene
Concen: 0.279 ng
RT: 16.98 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:178 Resp: 3282

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.6
179	14.8	12.1	18.1



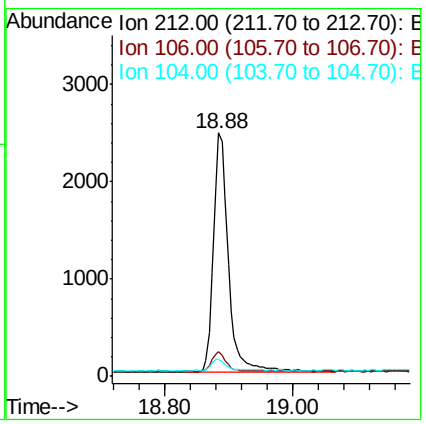


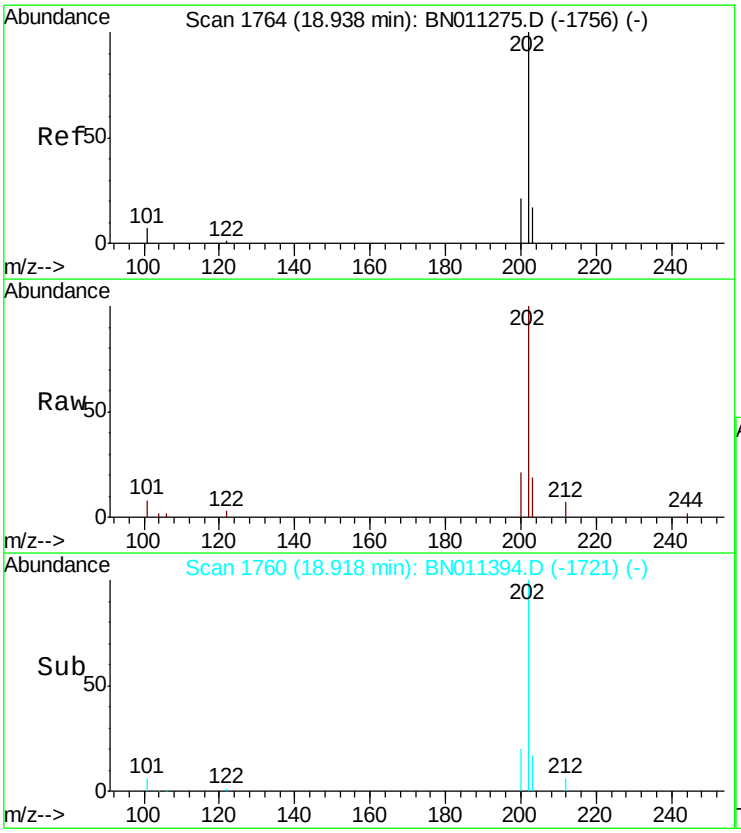
#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 18.88 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 4020

Ion	Ratio	Lower	Upper
212	100		
106	7.9	6.9	10.3
104	4.7	4.2	6.2

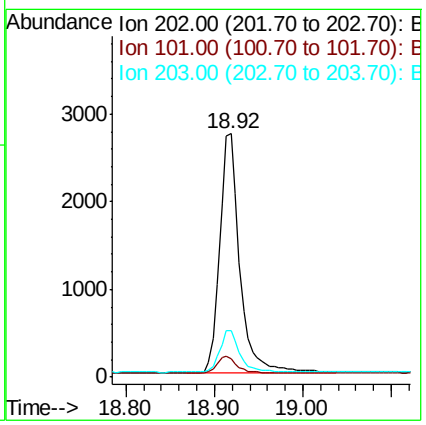


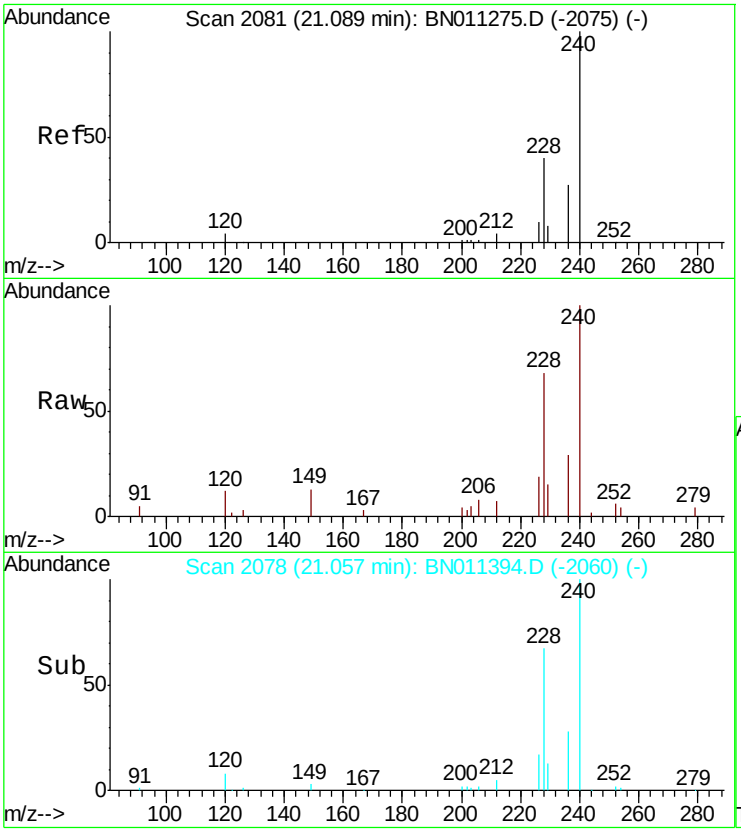


#28
Fluoranthene
Concen: 0.268 ng
RT: 18.92 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:202 Resp: 4313

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.9	8.9
203	17.5	13.7	20.5



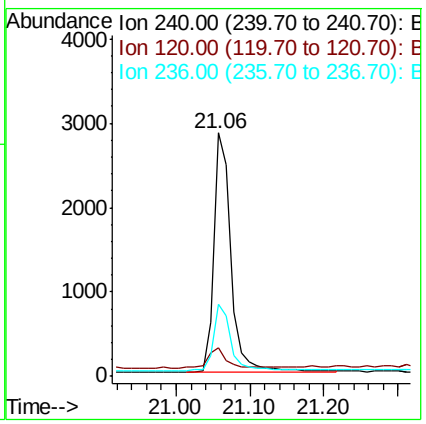


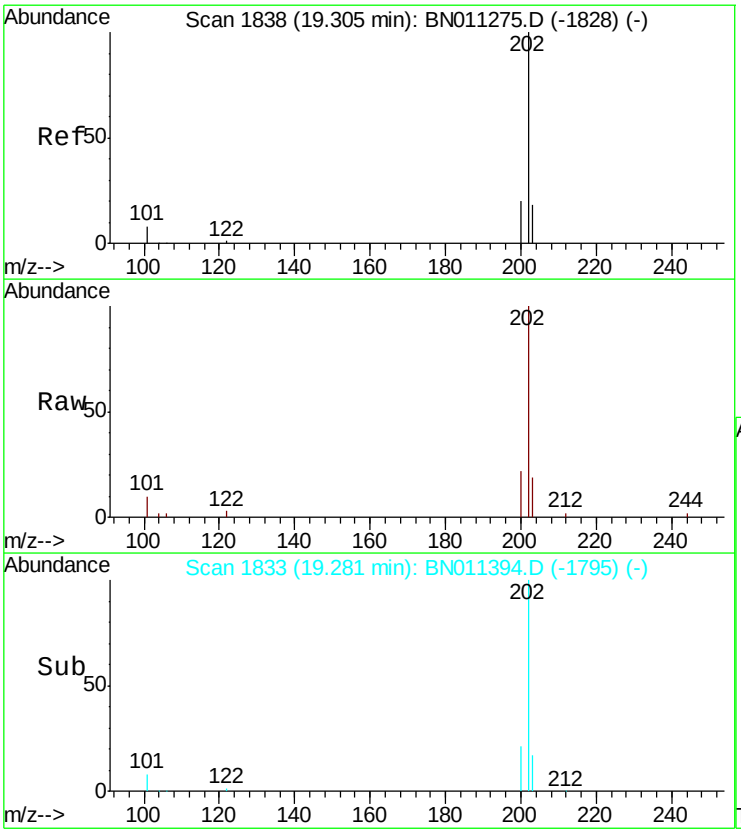
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4665

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.8	8.8#
236	29.4	22.7	34.1

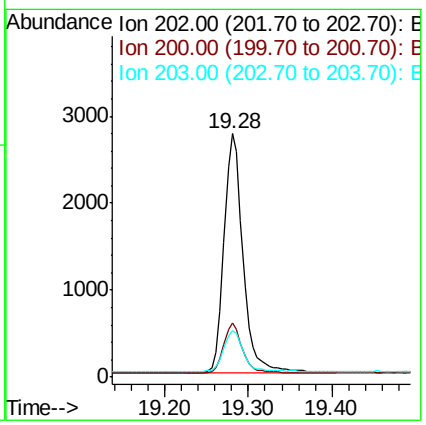


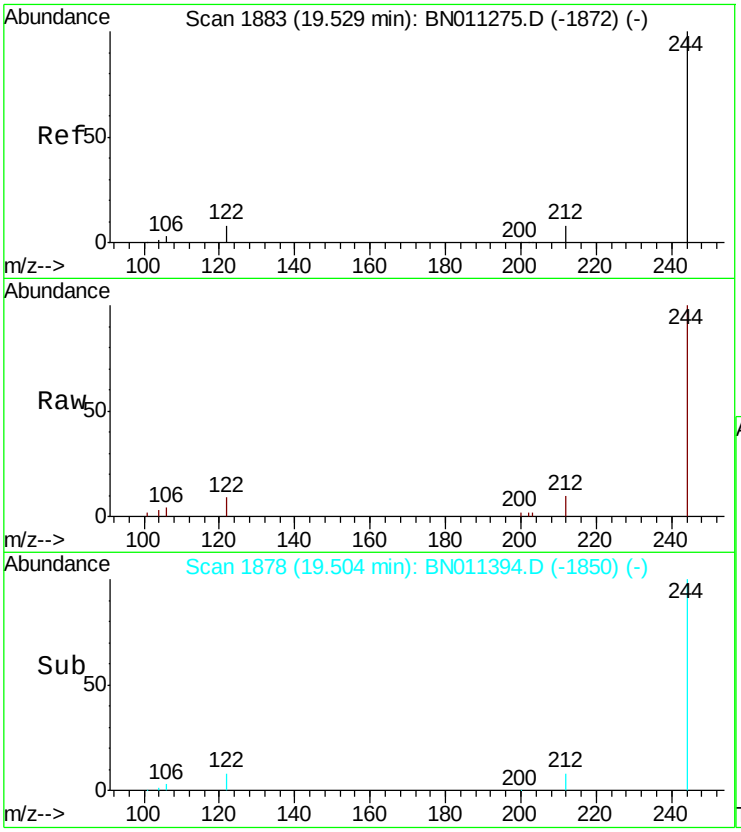


#30
Pyrene
Concen: 0.206 ng
RT: 19.28 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:202 Resp: 4341

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	18.3	14.1	21.1



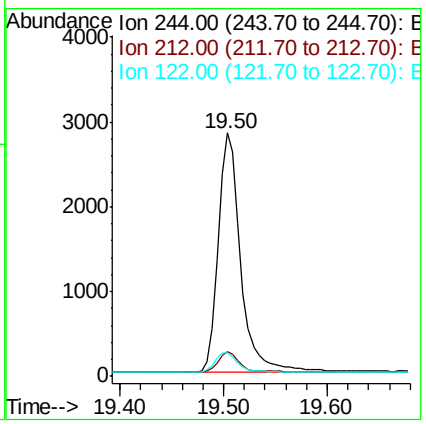


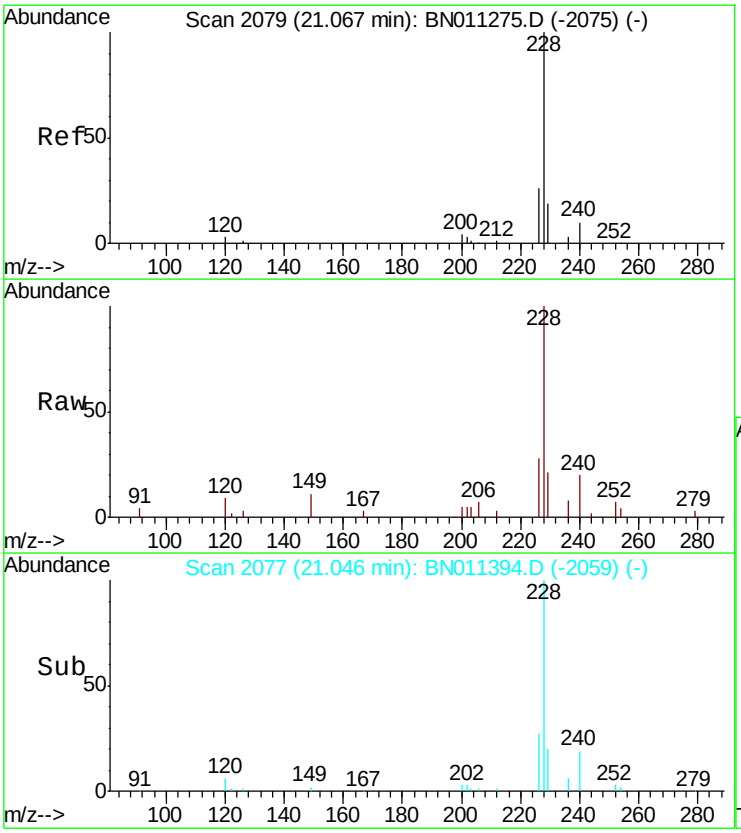
#31
Terphenyl-d14
Concen: 0.302 ng
RT: 19.50 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4266

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.6	11.4
122	9.4	7.5	11.3

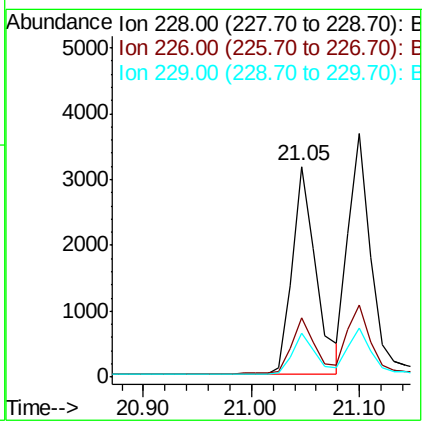


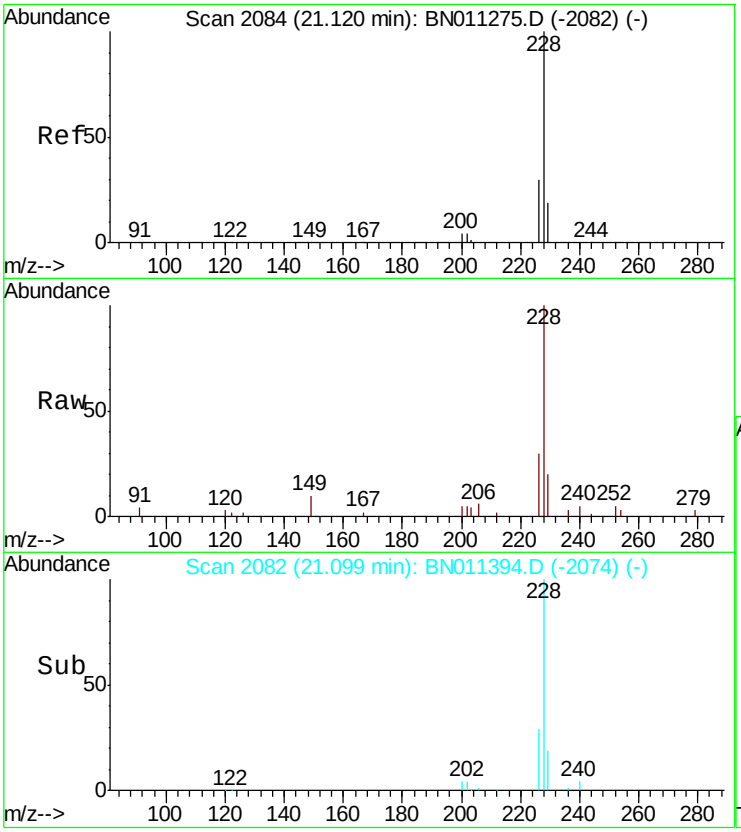


#32
Benzo(a)anthracene
Concen: 0.307 ng
RT: 21.05 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:228 Resp: 4804

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.6	32.4
229	20.8	16.0	24.0



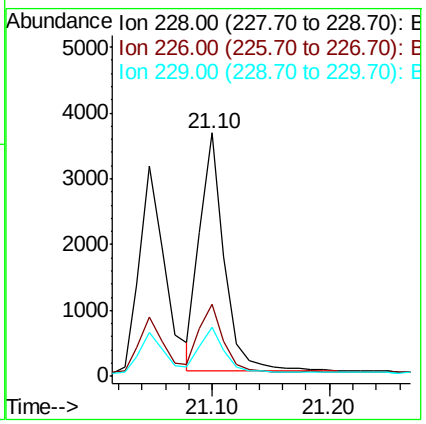


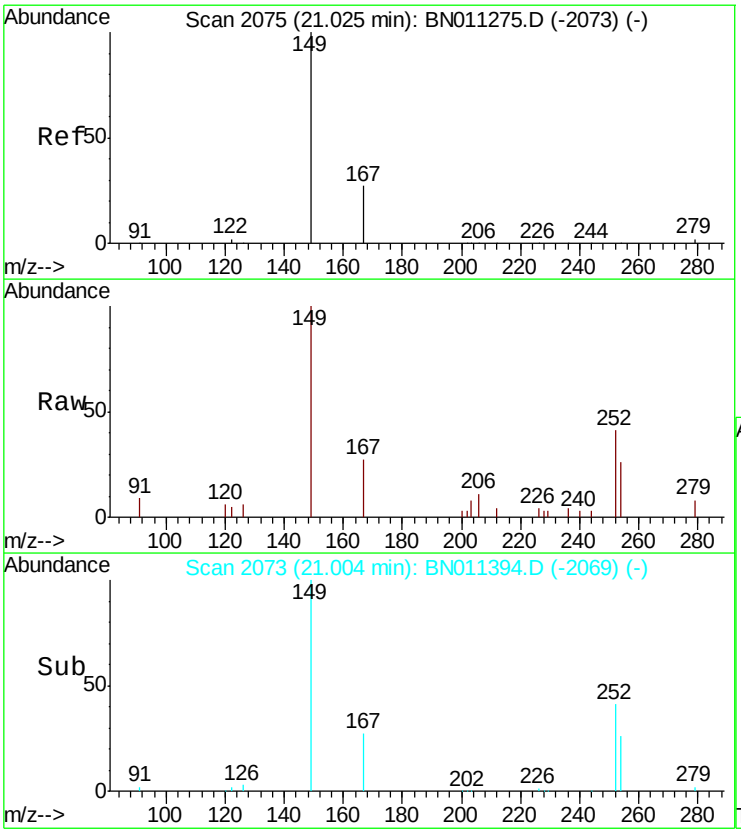
#33
Chrysene
Concen: 0.297 ng
RT: 21.10 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 5217

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	20.0	15.9	23.9

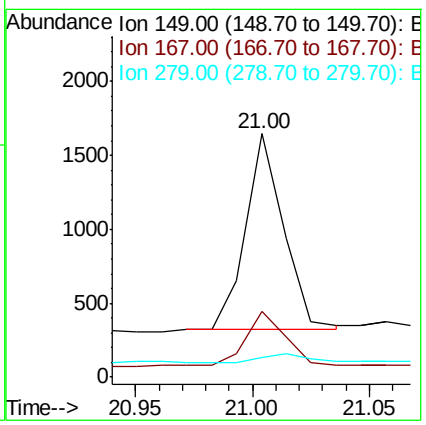


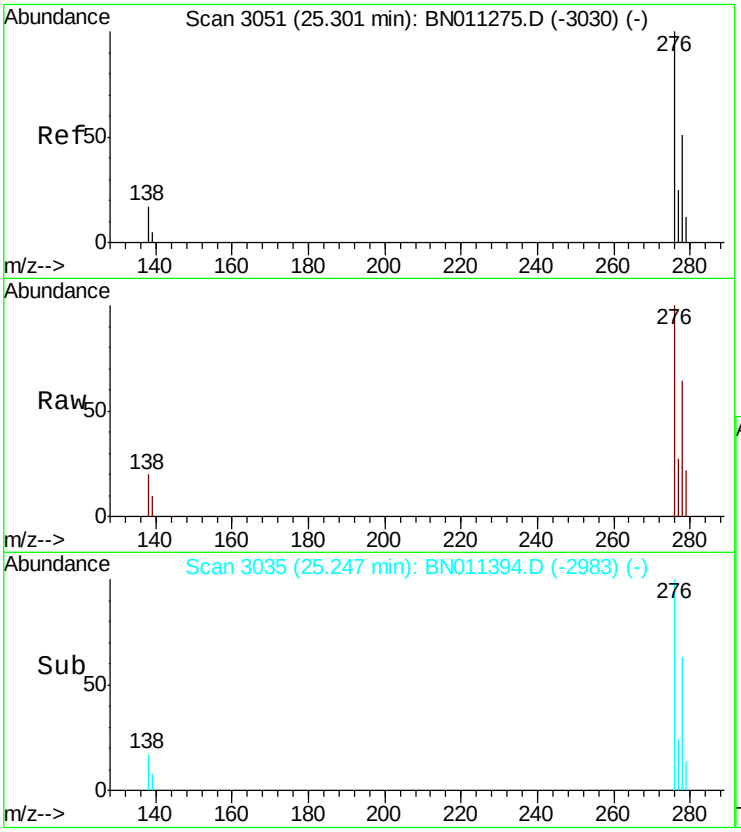


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.180 ng
RT: 21.00 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:149 Resp: 1509

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.7	32.5
279	5.3	3.9	5.9



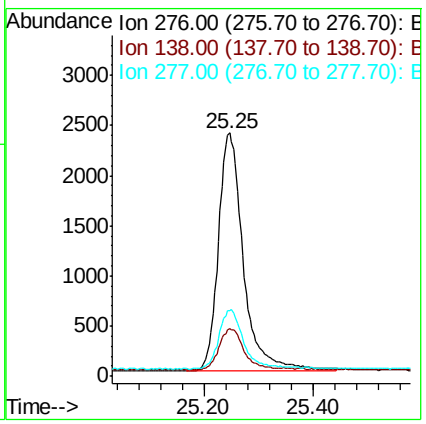


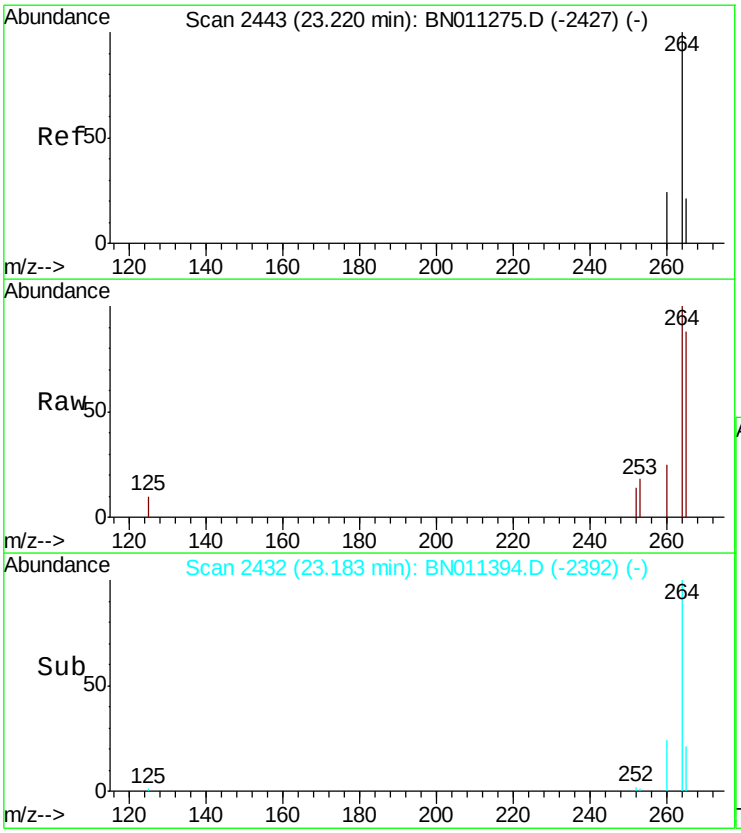
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng
RT: 25.25 min Scan# 3035
Delta R.T. -0.02 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7620

Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.6	20.4
277	24.3	19.7	29.5

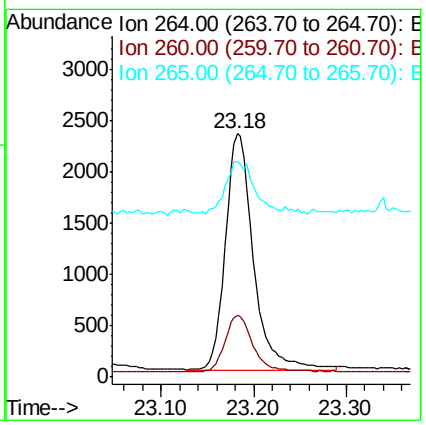


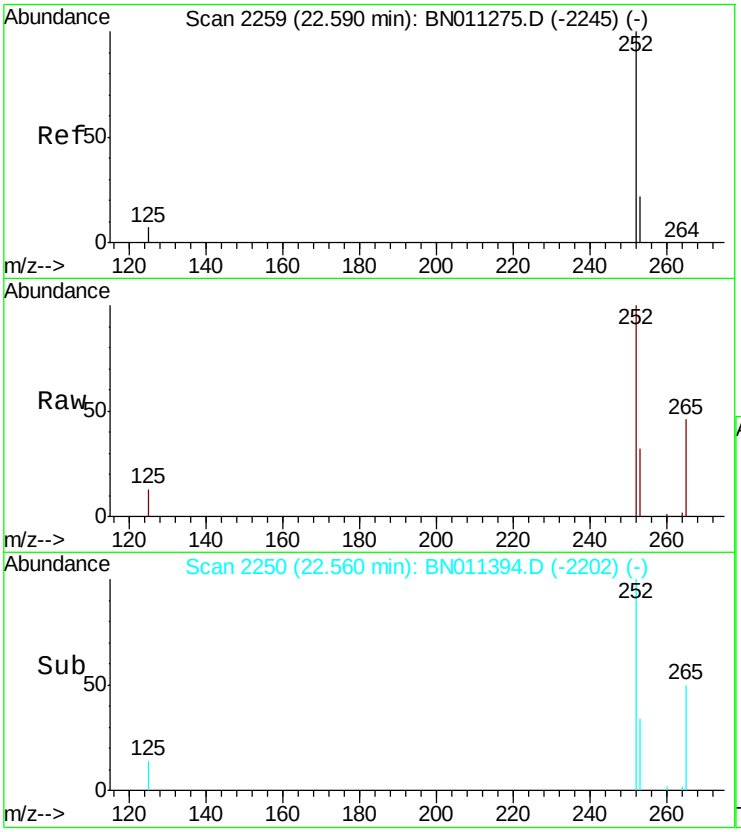


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.18 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:264 Resp: 4852

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	88.4	70.7	106.1



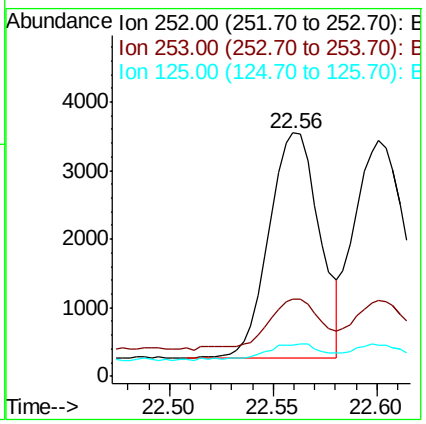


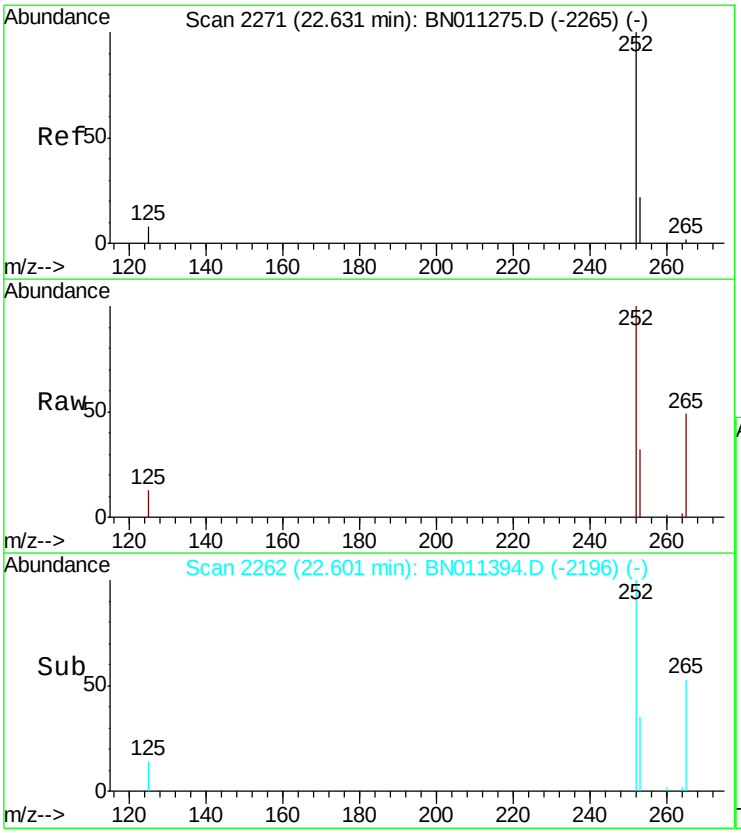
#37
Benzo(b)fluoranthene
Concen: 0.287 ng
RT: 22.56 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5544

Ion	Ratio	Lower	Upper
252	100		
253	31.7	23.1	34.7
125	12.6	9.4	14.2

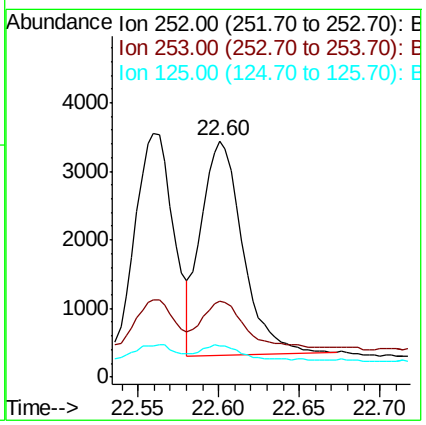


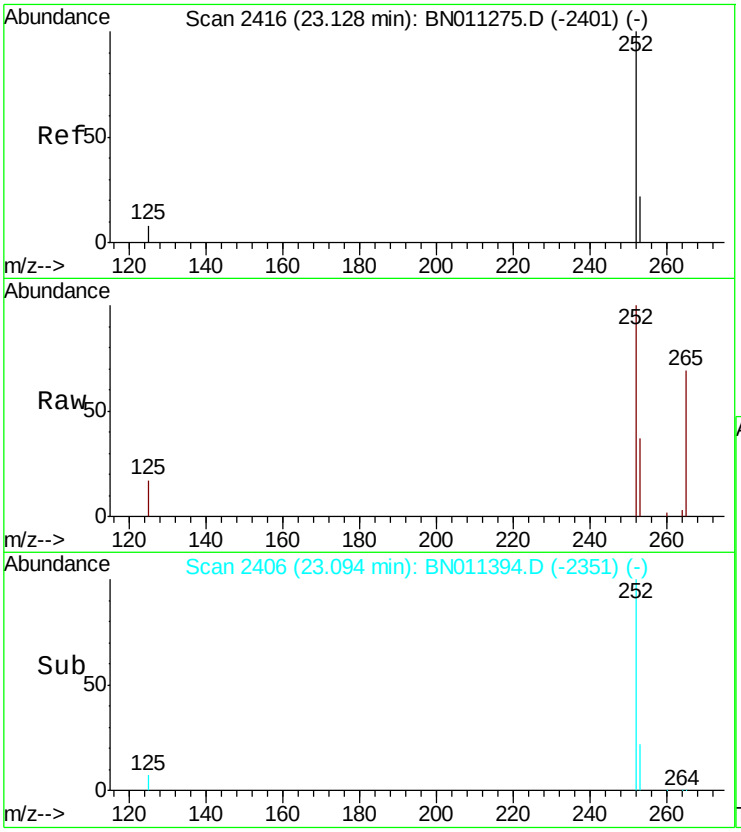


#38
Benzo(k)fluoranthene
Concen: 0.265 ng
RT: 22.60 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:252 Resp: 5653

Ion	Ratio	Lower	Upper
252	100		
253	31.9	22.9	34.3
125	13.3	11.3	16.9



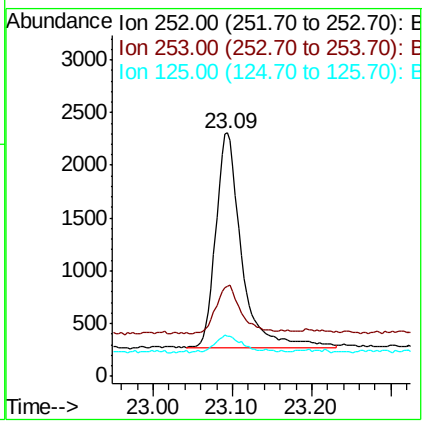


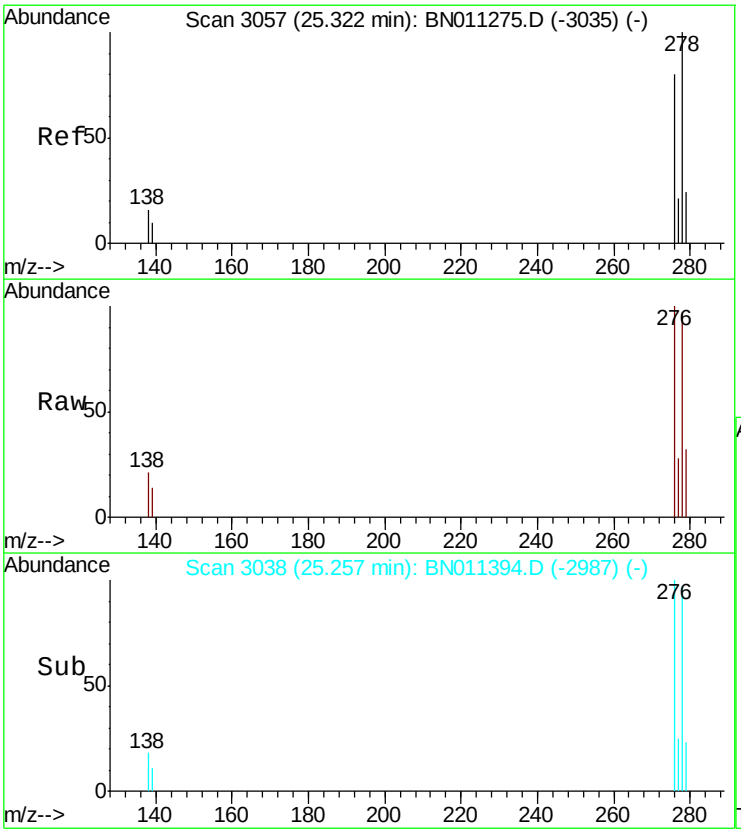
#39
Benzo(a)pyrene
Concen: 0.274 ng
RT: 23.09 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4606

Ion	Ratio	Lower	Upper
252	100		
253	37.0	26.6	39.8
125	16.7	12.7	19.1

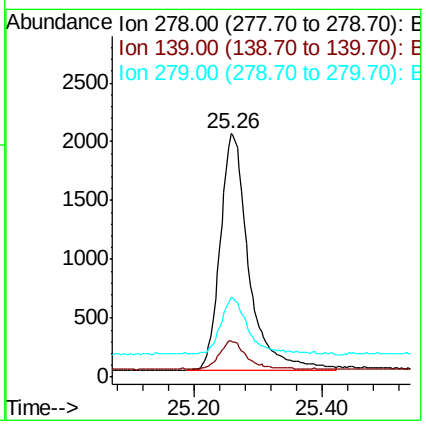


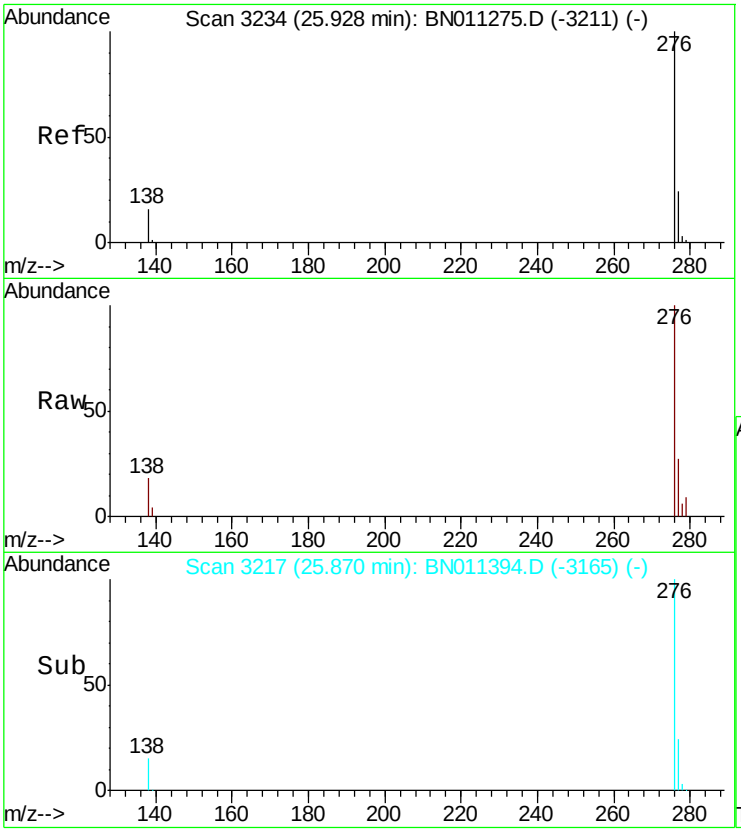


#40
Dibenzo(a,h)anthracene
Concen: 0.359 ng
RT: 25.26 min Scan# 3038
Delta R.T. -0.02 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Tgt Ion:278 Resp: 6241

Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.4	18.6
279	32.5	25.8	38.6





#41
Benzo(g,h,i)perylene
Concen: 0.321 ng
RT: 25.87 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BN011394.D
Acq: 07 Aug 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6185

Ion	Ratio	Lower	Upper
276	100		
277	26.5	21.0	31.6
138	17.7	15.0	22.6