Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
Data File : BN011393.D
Acq On : 07 Aug 2020 11:28
Operator : CG/JU
Sample : PB130764BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 07 12:04:17 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	7.45	152	1752	0.40	ng		-0.02
7) Naphthalene-d8	10.20	136	6052	0.40	ng		-0.01
13) Acenaphthene-d10	14.08	164	3140	0.40	ng		-0.01
19) Phenanthrene-d10	16.83	188	6414	0.40	ng		-0.01
29) Chrysene-d12	21.06	240	6054	0.40	ng		-0.01
36) Perylene-d12	23.18	264	7609	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1690	0.37	ng		0.00
5) Phenol-d6	6.66	99	1731	0.31	ng		0.00
8) Nitrobenzene-d5	8.59	82	2059	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.79	152	3445	0.31	ng		-0.02
14) 2,4,6-Tribromophenol	15.60	330	466	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.69	172	5778	0.43	ng		-0.01
27) Fluoranthene-d10	18.88	212	6036	0.31	ng		0.00
31) Terphenyl-d14	19.50	244	7000	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	616	0.250	ng	#	27
3) n-Nitrosodimethylamine	3.49	42	326	0.258	ng	#	62
6) bis(2-Chloroethyl)ether	6.90	93	1313	0.282	ng		92
9) Naphthalene	10.25	128	5073	0.283	ng		99
10) Hexachlorobutadiene	10.54	225	1176	0.271	ng	#	100
12) 2-Methylnaphthalene	11.87	142	3815	0.300	ng		97
16) Acenaphthylene	13.80	152	4670	0.289	ng		100
17) Acenaphthene	14.14	154	2884	0.274	ng		99
18) Fluorene	15.14	166	3696	0.273	ng		98
20) 4,6-Dinitro-2-methylphenol	15.27	198	141	0.299	ng	#	81
21) 4-Bromophenyl-phenylether	16.04	248	1229	0.289	ng		94
22) Hexachlorobenzene	16.15	284	1408	0.292	ng		97
23) Atrazine	16.34	200	804	0.243	ng		98
24) Pentachlorophenol	16.51	266	843	0.563	ng		93
25) Phenanthrene	16.88	178	5731	0.275	ng		99
26) Anthracene	16.97	178	4999	0.288	ng		99
28) Fluoranthene	18.91	202	6662	0.281	ng		99
30) Pyrene	19.28	202	6583	0.241	ng		99
32) Benzo(a)anthracene	21.05	228	6406	0.316	ng		99
33) Chrysene	21.10	228	6748	0.297	ng		100
34) Bis(2-ethylhexyl)phthalate	21.00	149	2166	0.199	ng		98
35) Indeno(1,2,3-cd)pyrene	25.25	276	10232	0.460	ng		98
37) Benzo(b)fluoranthene	22.56	252	8371	0.276	ng		99
38) Benzo(k)fluoranthene	22.60	252	8110	0.243	ng		97
39) Benzo(a)pyrene	23.09	252	7081	0.269	ng		97
40) Dibenzo(a,h)anthracene	25.26	278	8909	0.327	ng		94
41) Benzo(g,h,i)perylene	25.87	276	9856	0.326	ng		97

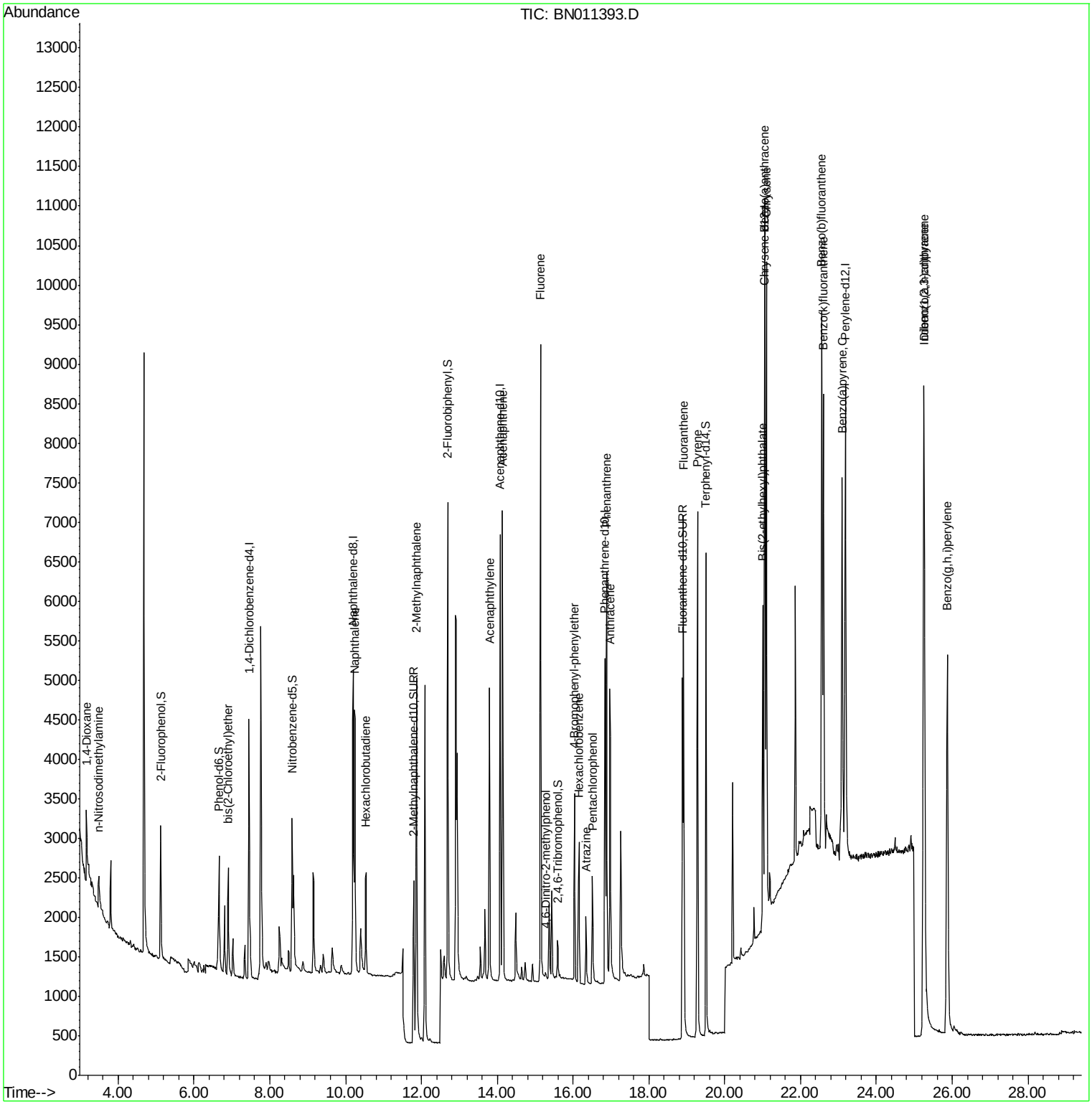
(#) = qualifier out of range (m) = manual integration (+) = signals summed

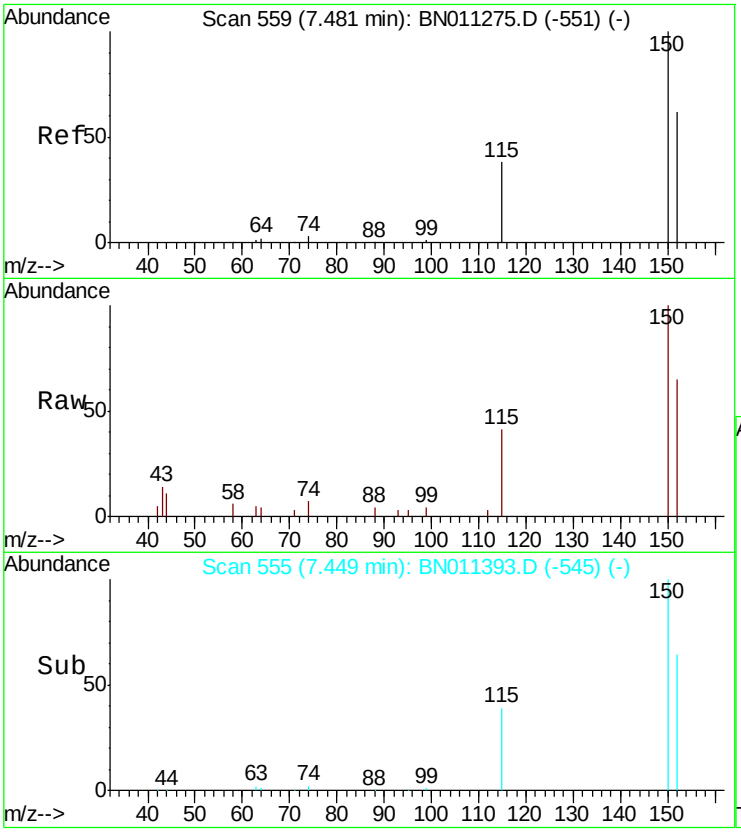
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
Data File : BN011393.D
Acq On : 07 Aug 2020 11:28
Operator : CG/JU
Sample : PB130764BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 07 12:04:17 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



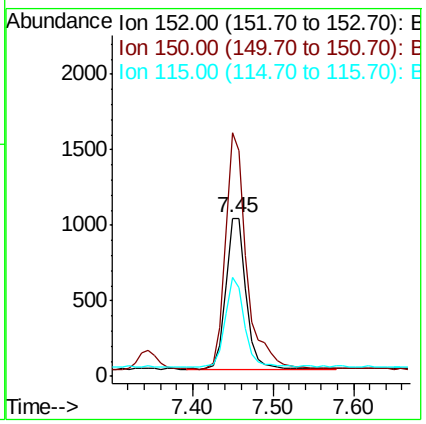


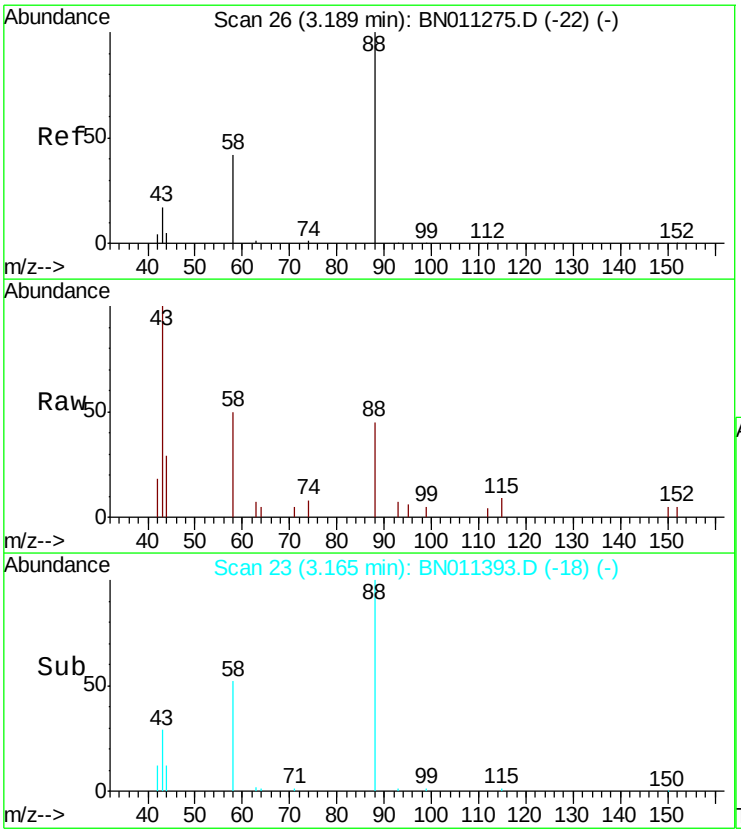
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.45 min Scan# 555
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1752

Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.5	189.7
115	62.9	51.9	77.9

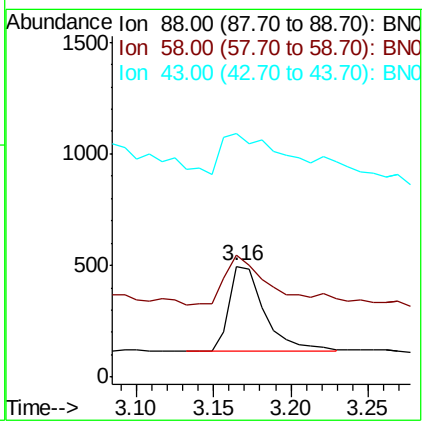


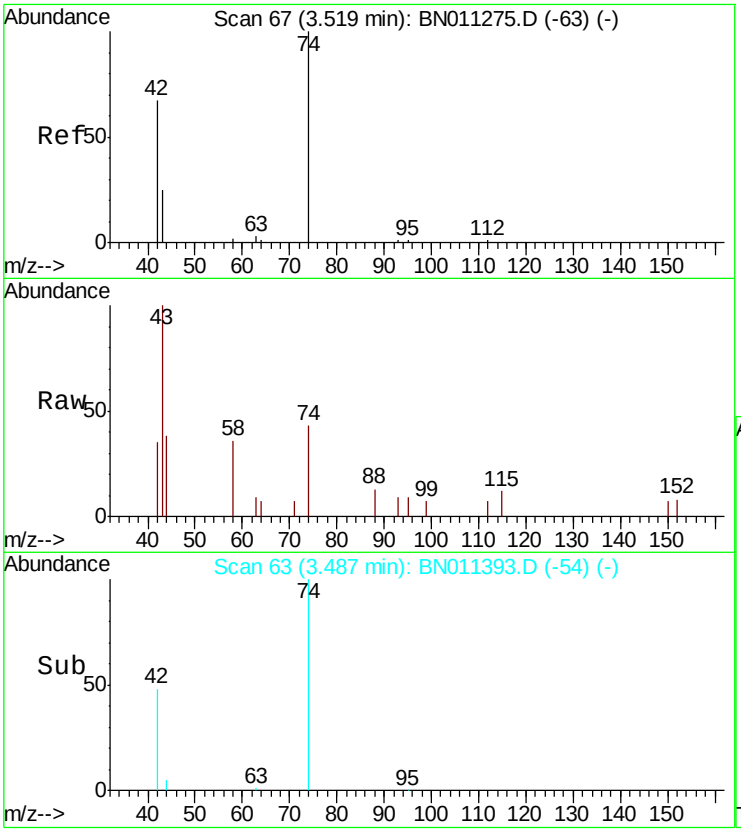


#2
1,4-Dioxane
Concen: 0.250 ng
RT: 3.16 min Scan# 23
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion: 88 Resp: 616

Ion	Ratio	Lower	Upper
88	100		
58	73.1	36.5	54.7#
43	86.9	16.1	24.1#



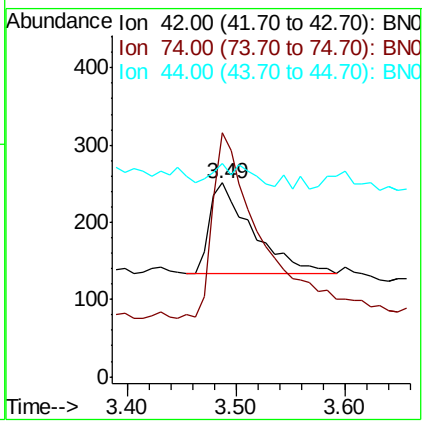


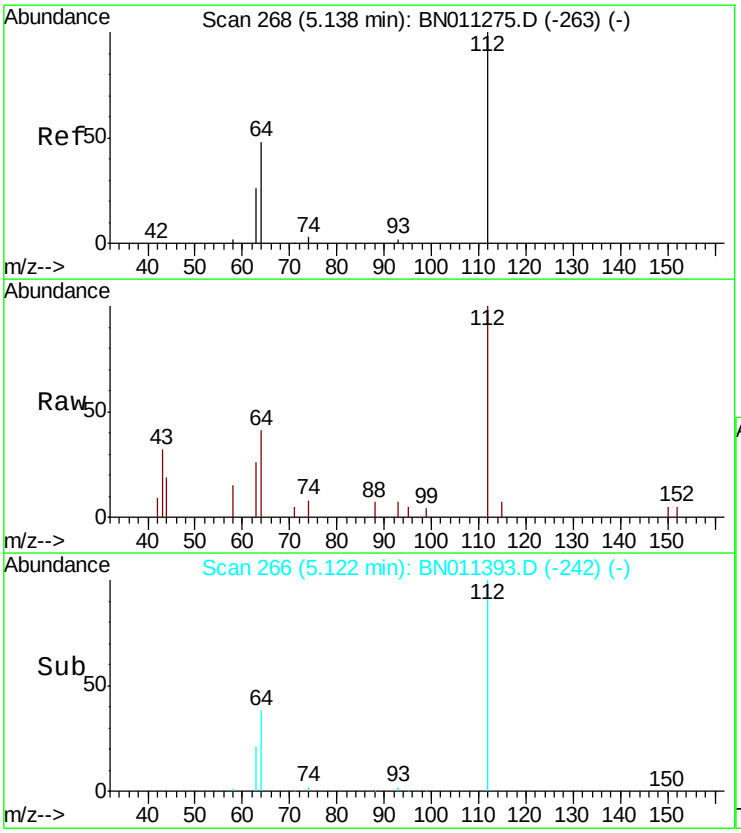
#3
n-Nitrosodimethylamine
Concen: 0.258 ng
RT: 3.49 min Scan# 63
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 326

Ion	Ratio	Lower	Upper
42	100		
74	235.9	144.2	216.2#
44	21.2	11.1	16.7#

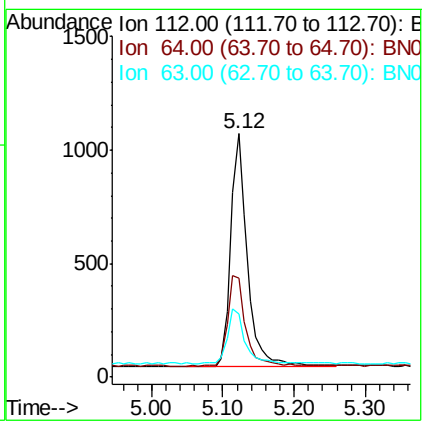


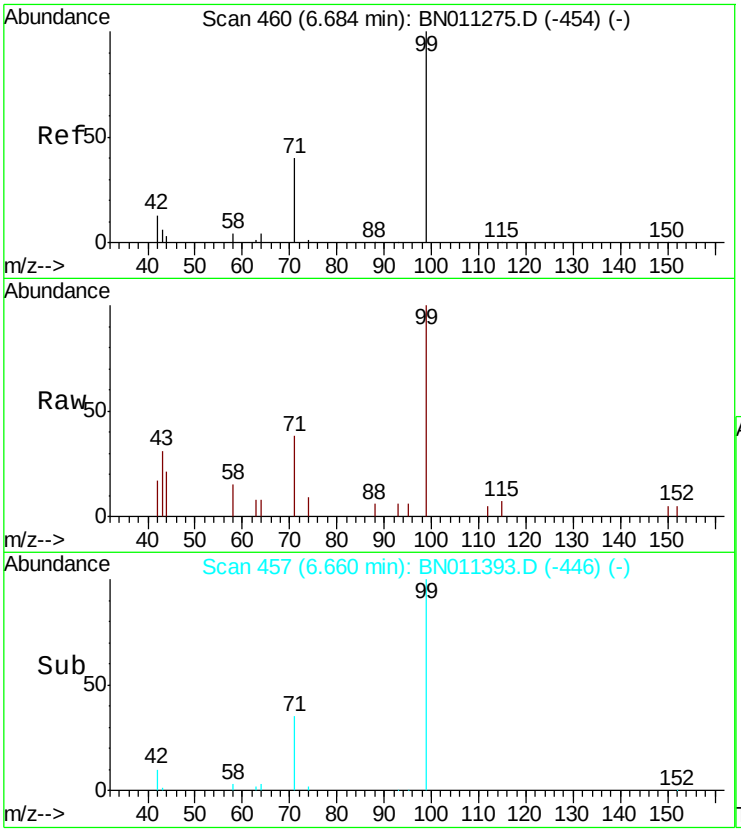


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.12 min Scan# 266
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:112 Resp: 1690

Ion	Ratio	Lower	Upper
112	100		
64	42.3	35.8	53.6
63	23.7	19.3	28.9



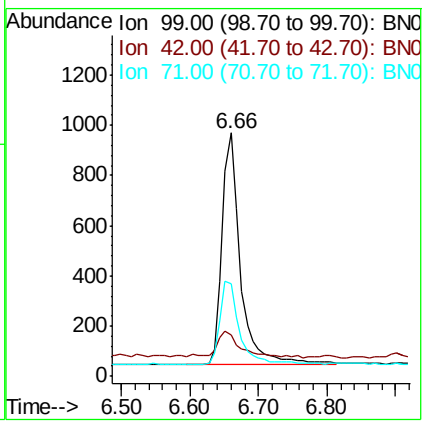


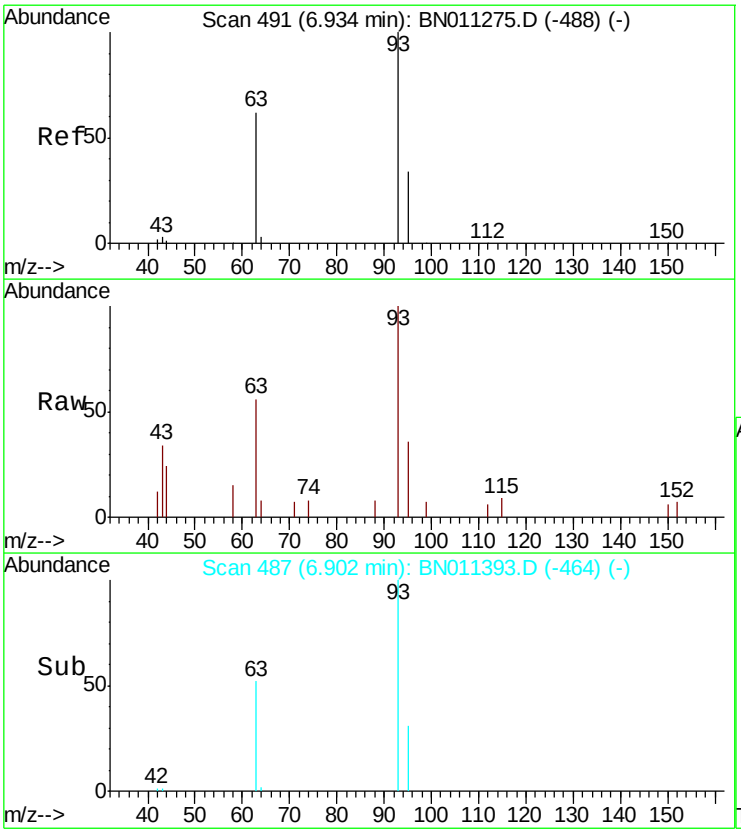
#5
Phenol-d6
Concen: 0.309 ng
RT: 6.66 min Scan# 457
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1731

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.2	16.8
71	39.5	30.6	45.8

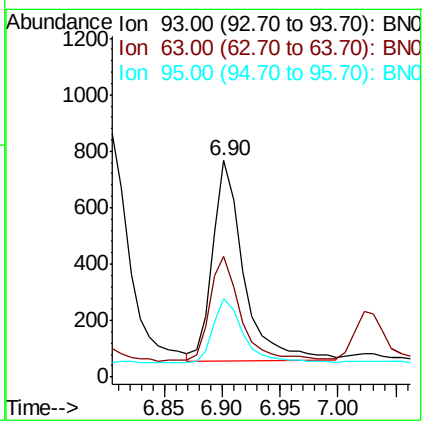


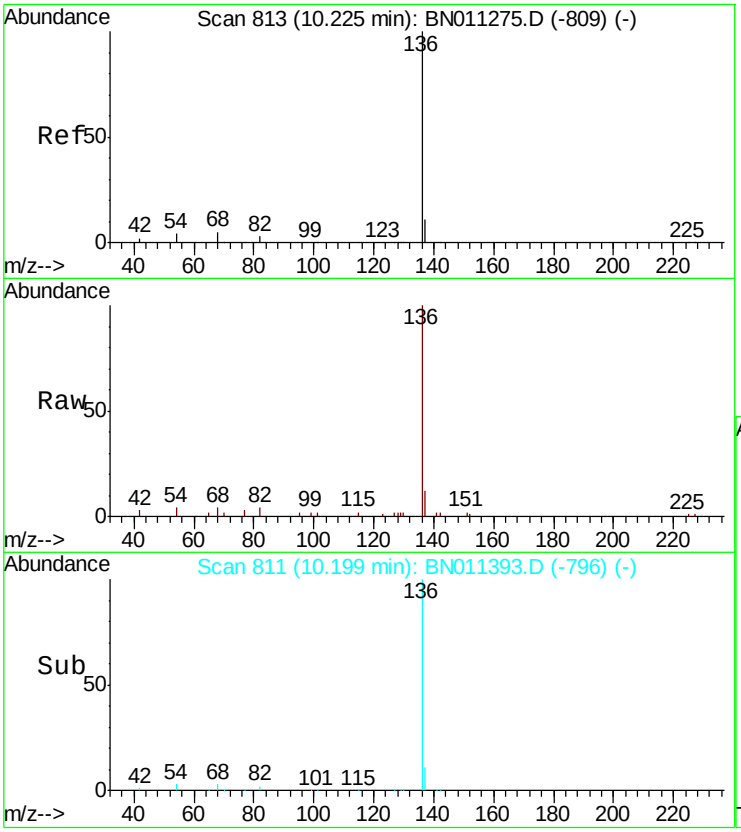


#6
bis(2-Chloroethyl)ether
Concen: 0.282 ng
RT: 6.90 min Scan# 487
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion: 93 Resp: 1313

Ion	Ratio	Lower	Upper
93	100		
63	52.4	47.8	71.6
95	31.5	27.1	40.7



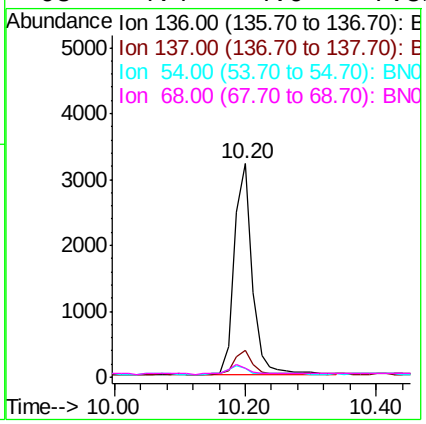


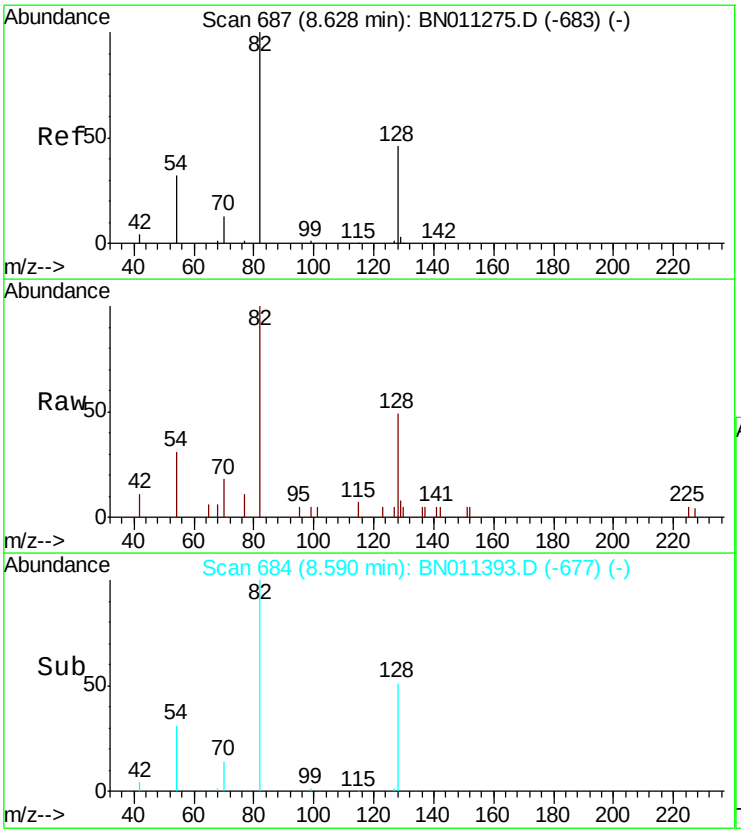
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.20 min Scan# 811
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 6052

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.9	14.9
54	4.0	4.8	7.2#
68	4.4	4.9	7.3#

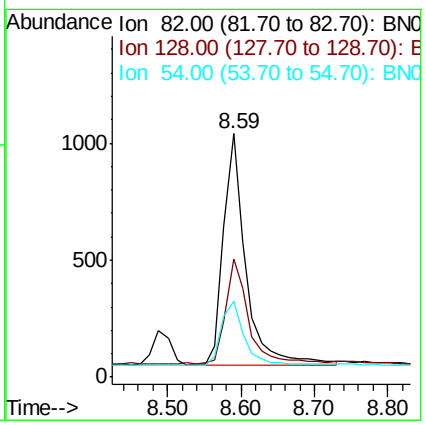


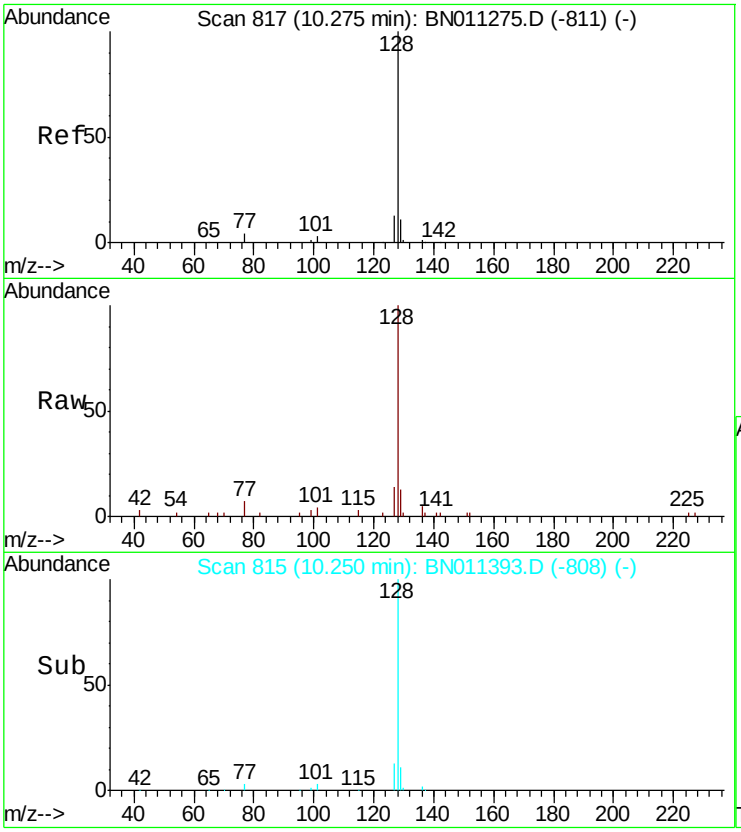


#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.59 min Scan# 684
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion: 82 Resp: 2059

Ion	Ratio	Lower	Upper
82	100		
128	48.7	40.1	60.1
54	31.1	29.0	43.6



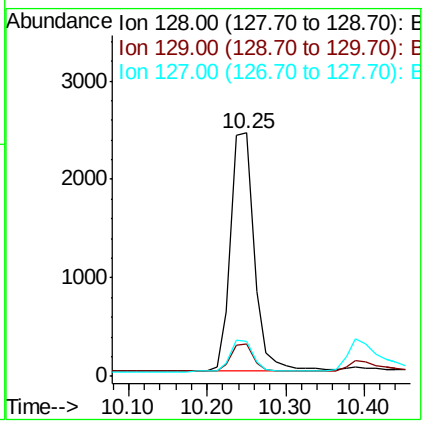


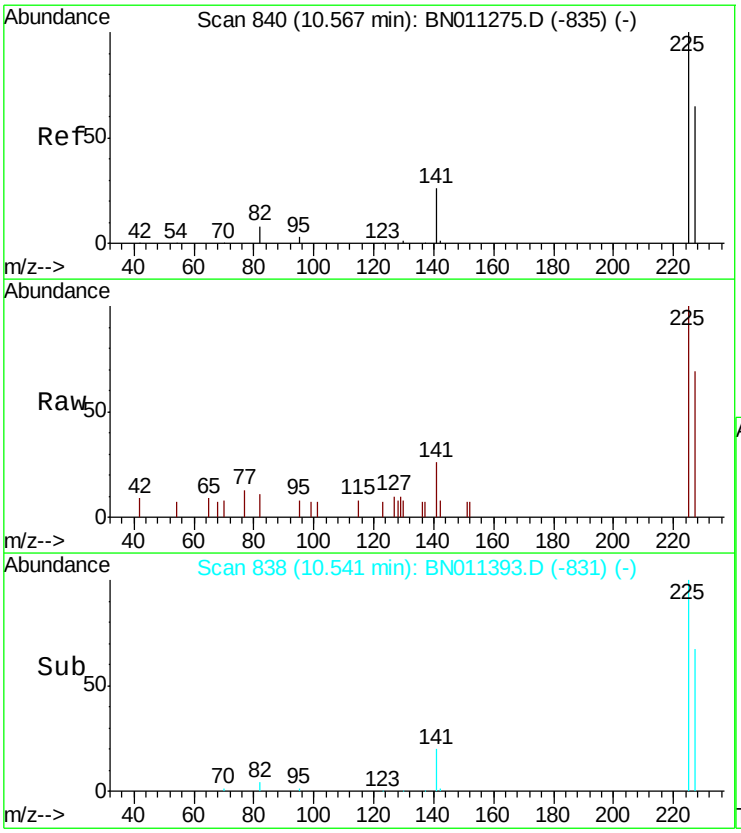
#9
Naphthalene
Concen: 0.283 ng
RT: 10.25 min Scan# 815
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 5073

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.7	14.5
127	14.5	11.5	17.3

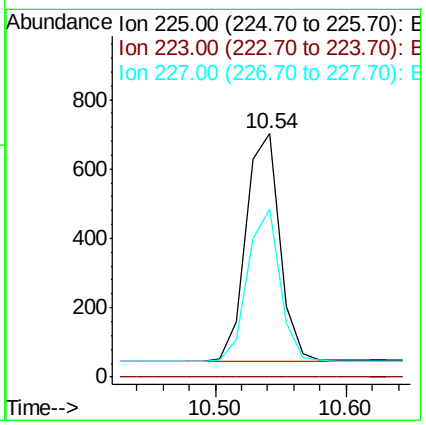


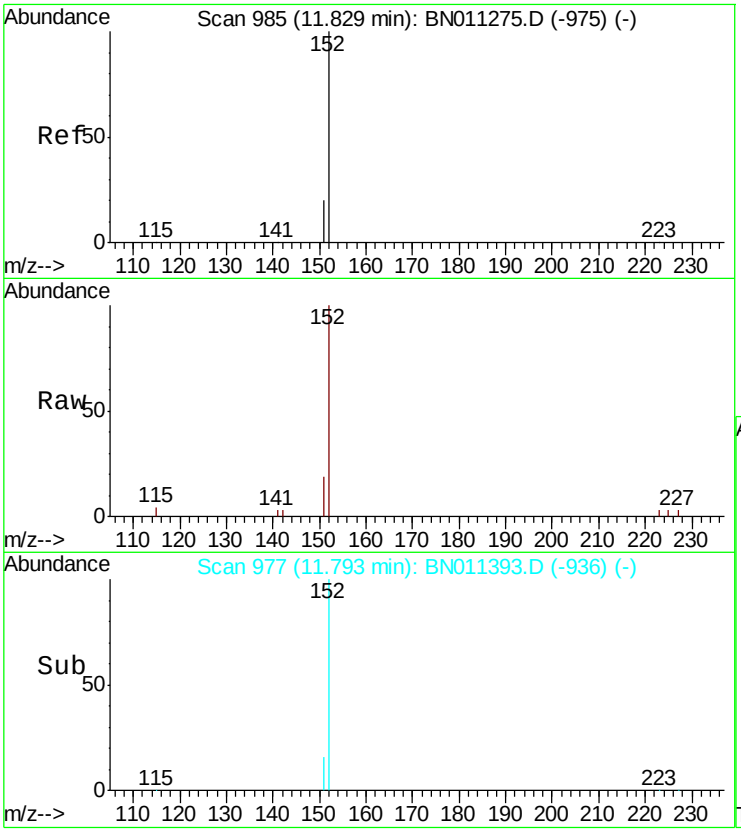


#10
Hexachlorobutadiene
Concen: 0.271 ng
RT: 10.54 min Scan# 838
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:225 Resp: 1176

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.7	77.5



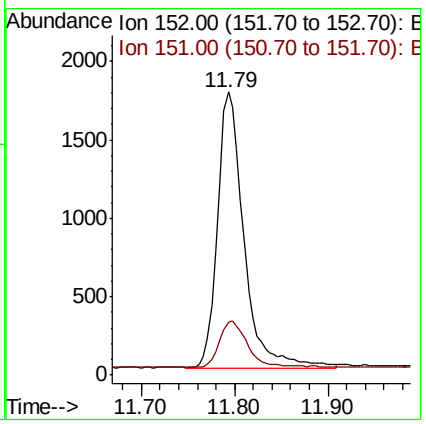


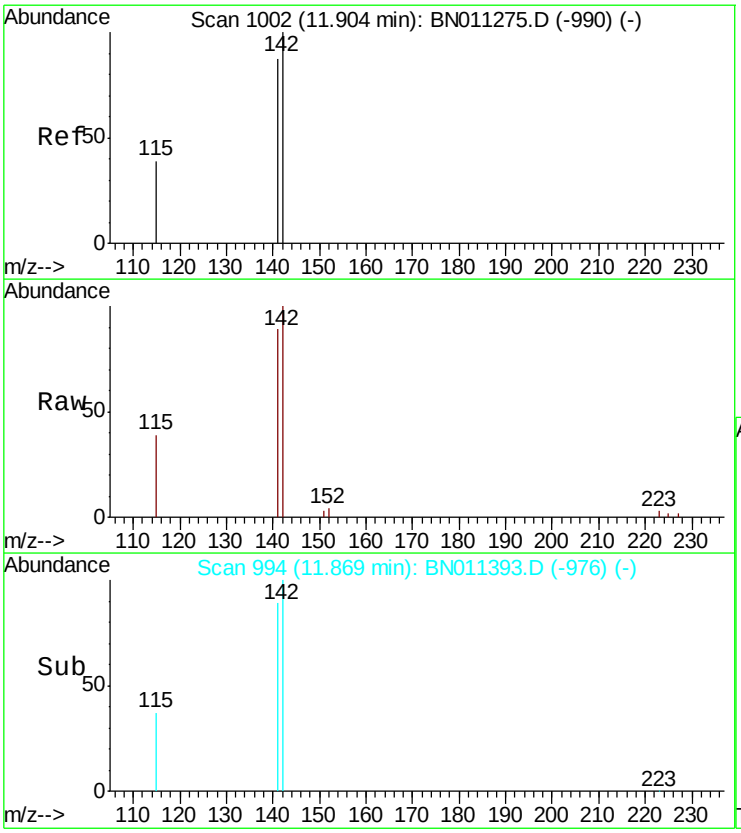
#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 11.79 min Scan# 977
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3445

Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.6	24.8

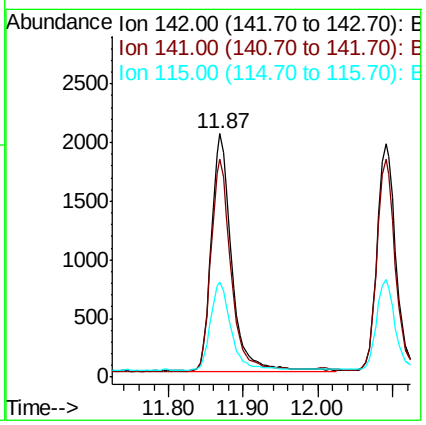


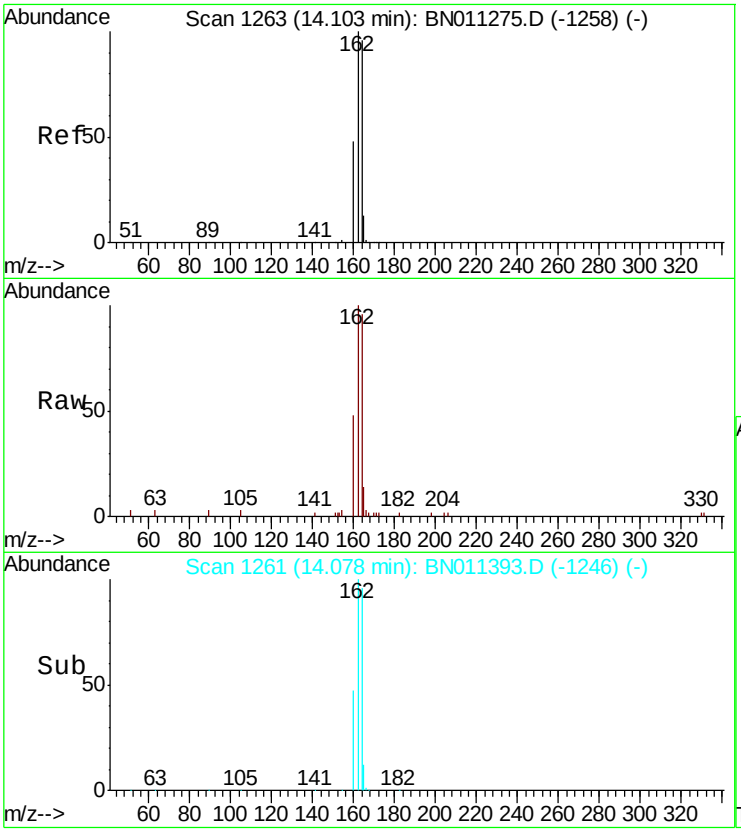


#12
2-Methylnaphthalene
Concen: 0.300 ng
RT: 11.87 min Scan# 994
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:142 Resp: 3815

Ion	Ratio	Lower	Upper
142	100		
141	89.5	69.6	104.4
115	39.2	32.5	48.7



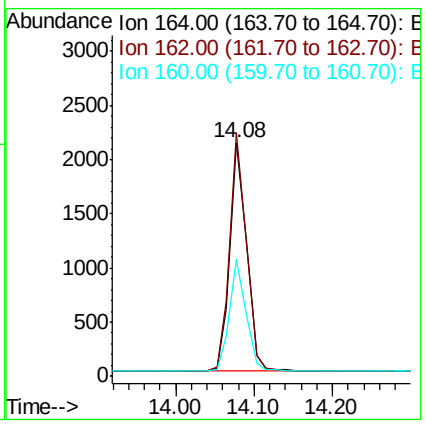


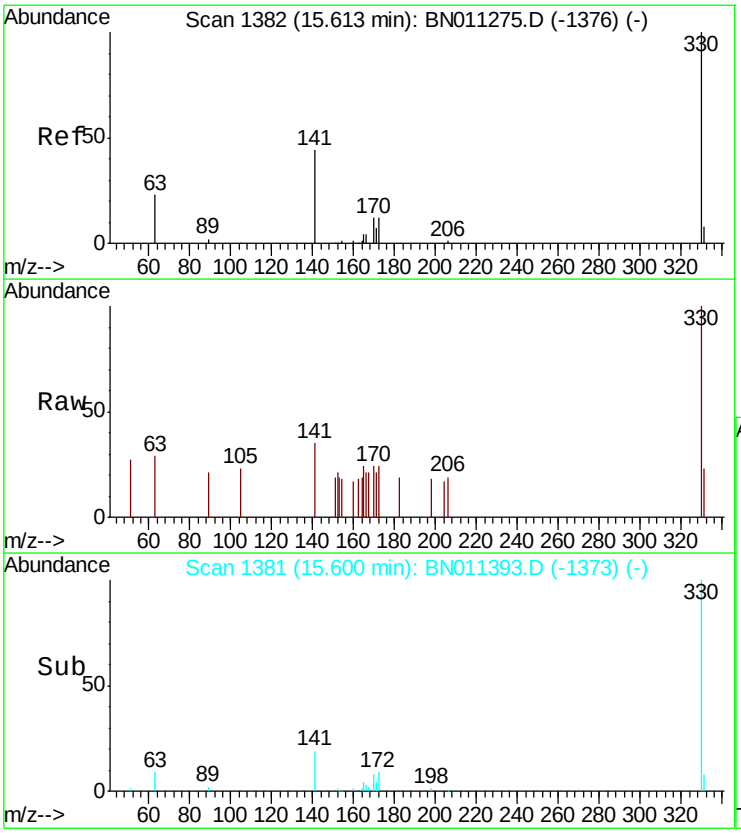
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3140

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.6	125.4
160	50.0	41.2	61.8

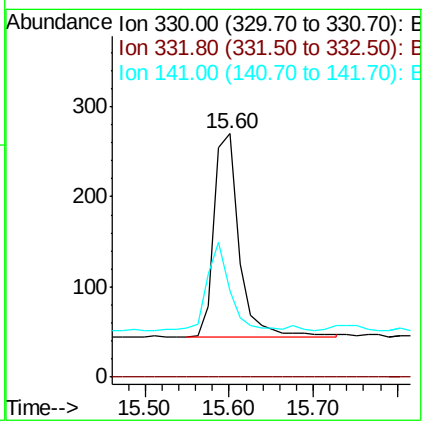


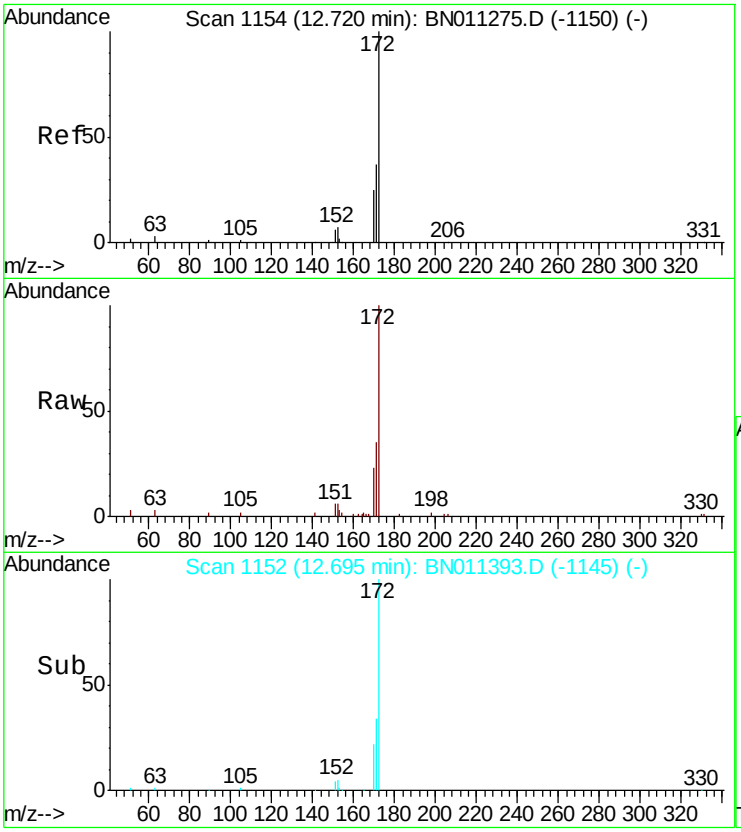


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.60 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:330 Resp: 466

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.1	34.2	51.2



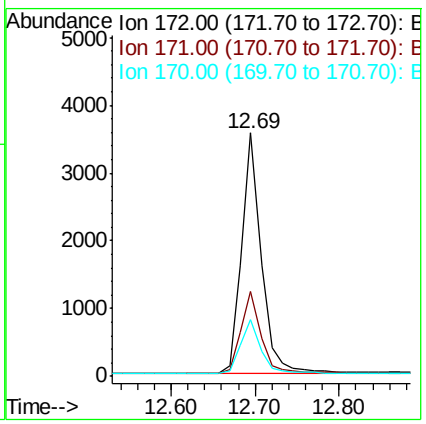


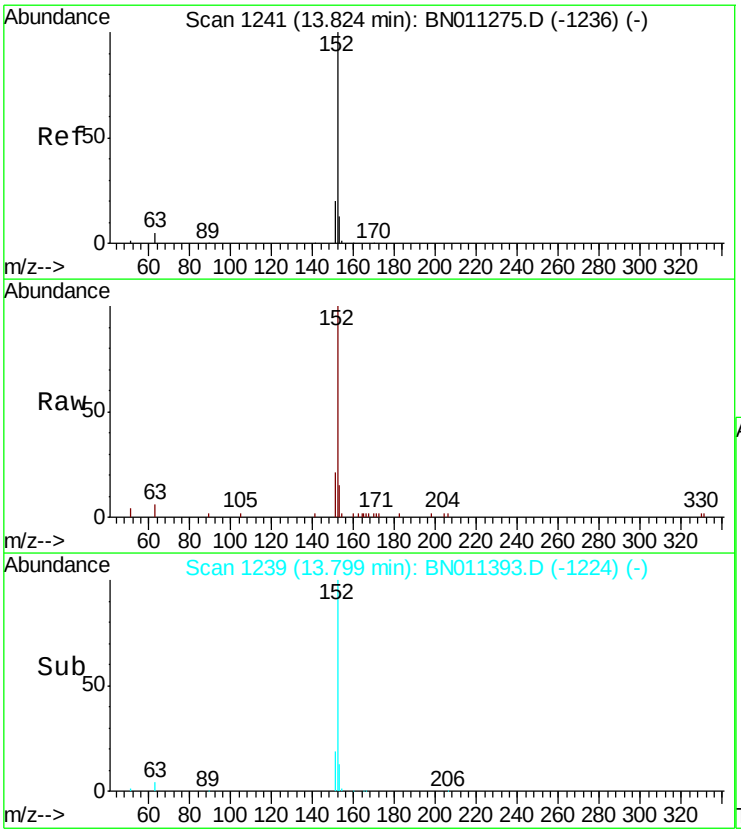
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.69 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5778

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.6	46.0
170	23.3	21.0	31.4

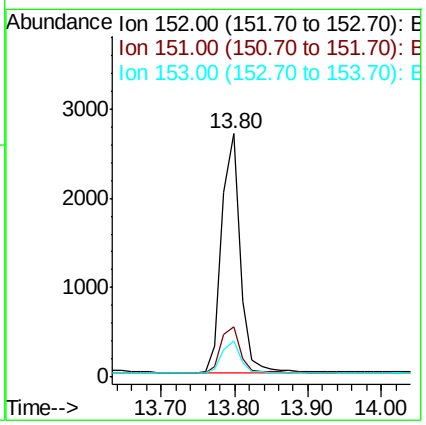


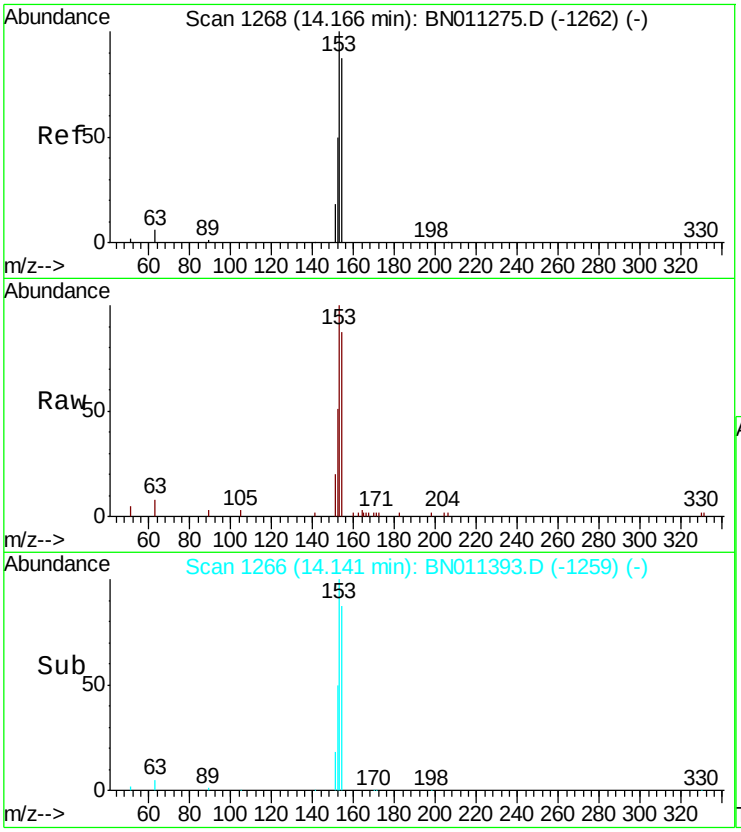


#16
Acenaphthylene
Concen: 0.289 ng
RT: 13.80 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:152 Resp: 4670

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.2	10.2	15.4



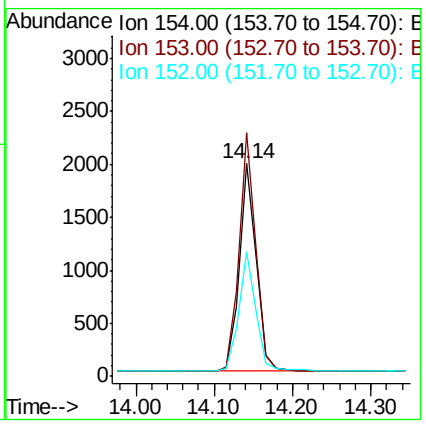


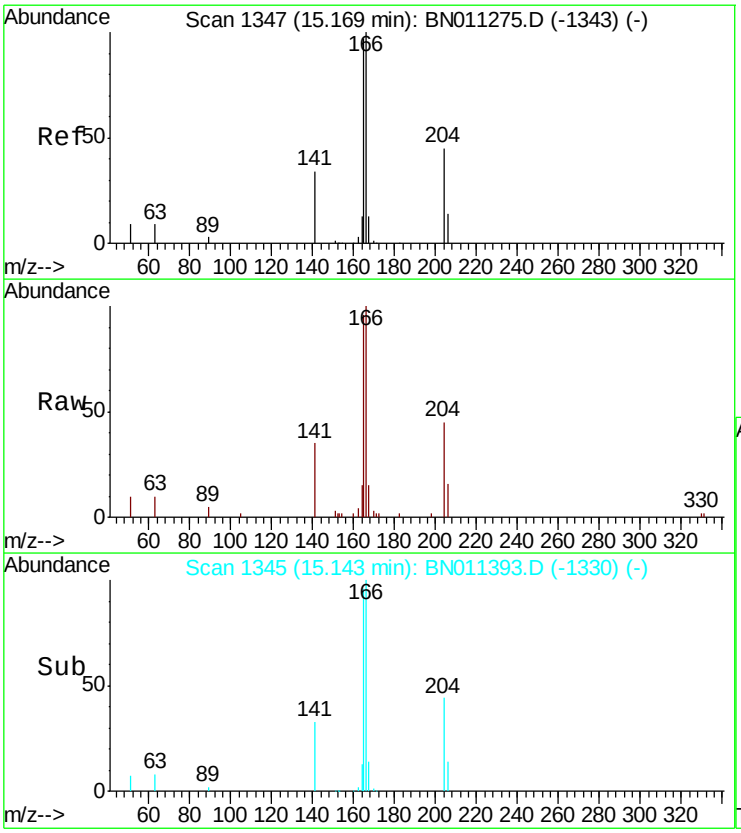
#17
Acenaphthene
Concen: 0.274 ng
RT: 14.14 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2884

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.3	136.9
152	58.4	45.8	68.6

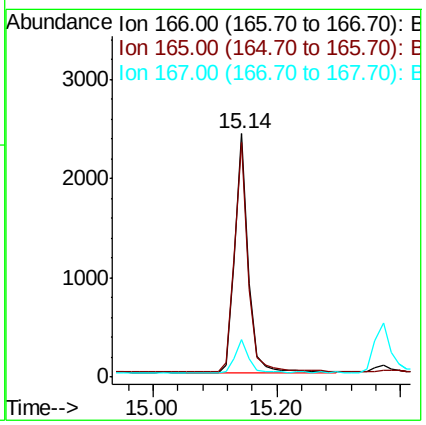


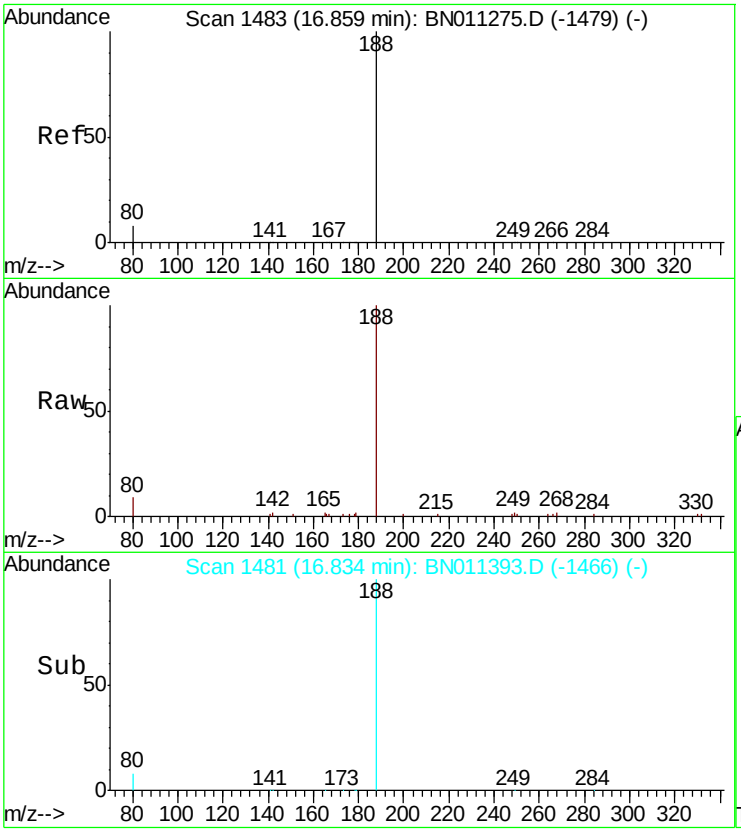


#18
Fluorene
Concen: 0.273 ng
RT: 15.14 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:166 Resp: 3696

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.6	119.4
167	13.8	10.8	16.2



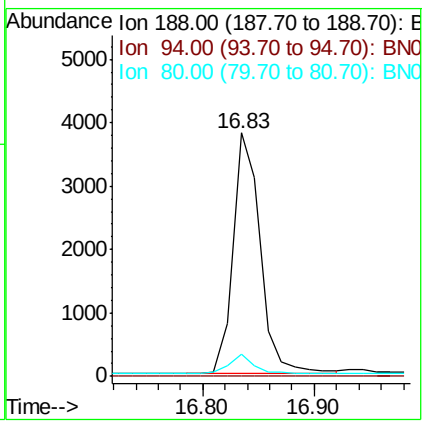


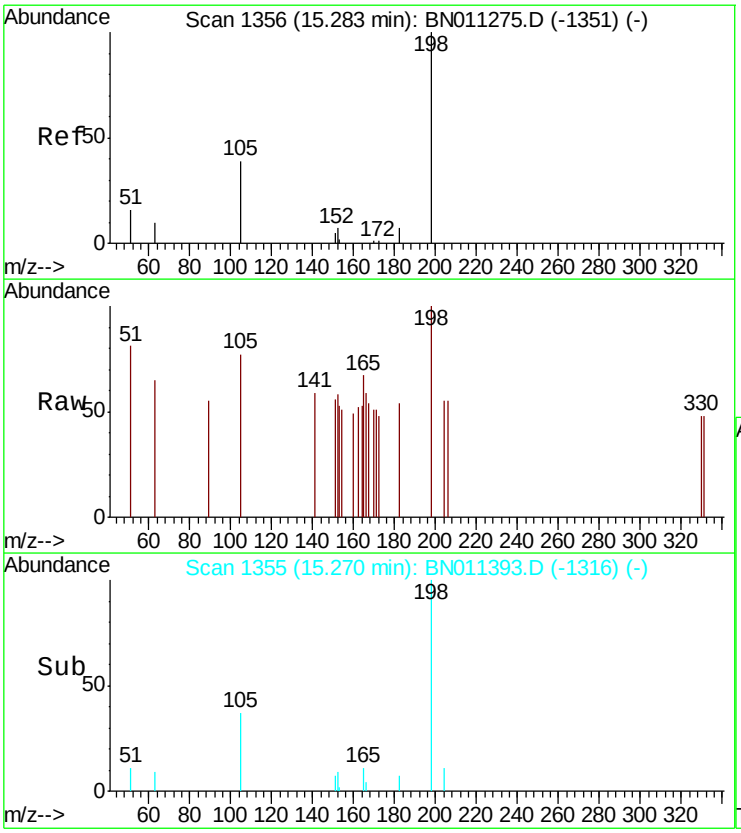
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.83 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 6414

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.4	11.0

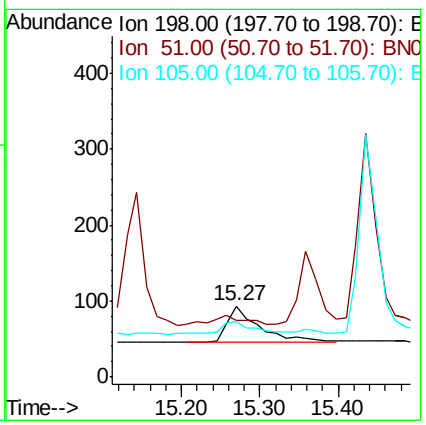


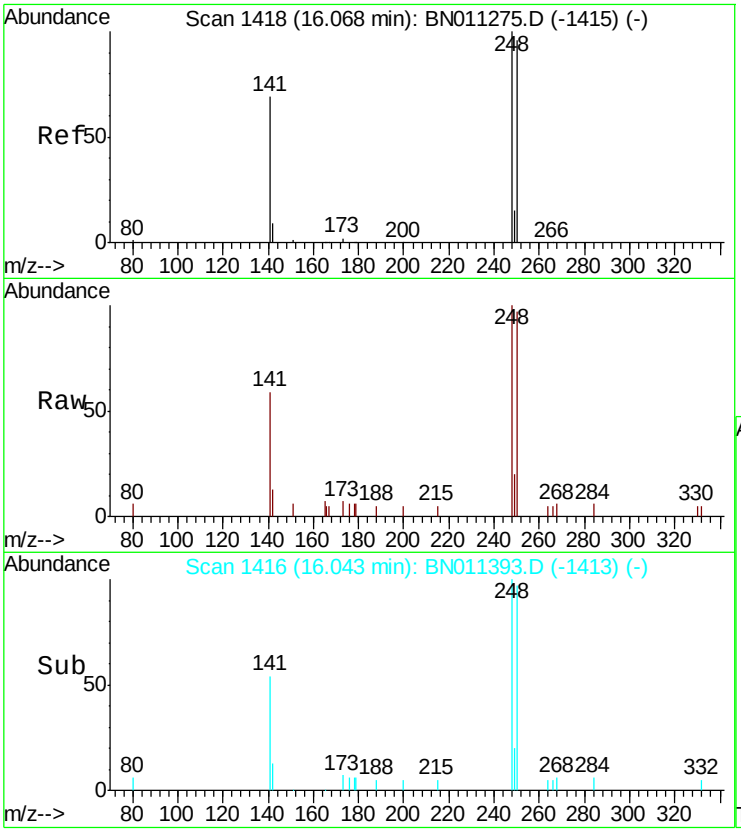


#20
4,6-Dinitro-2-methylphenol
Concen: 0.299 ng
RT: 15.27 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:198 Resp: 141

Ion	Ratio	Lower	Upper
198	100		
51	80.6	49.0	73.6#
105	77.4	53.8	80.6



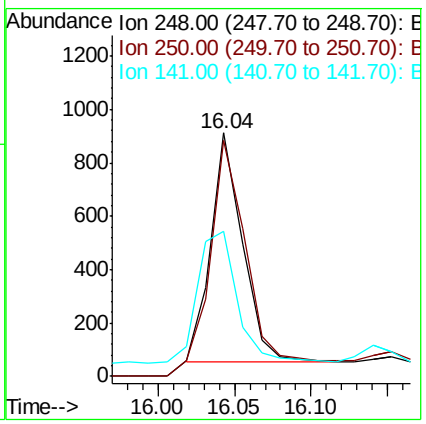


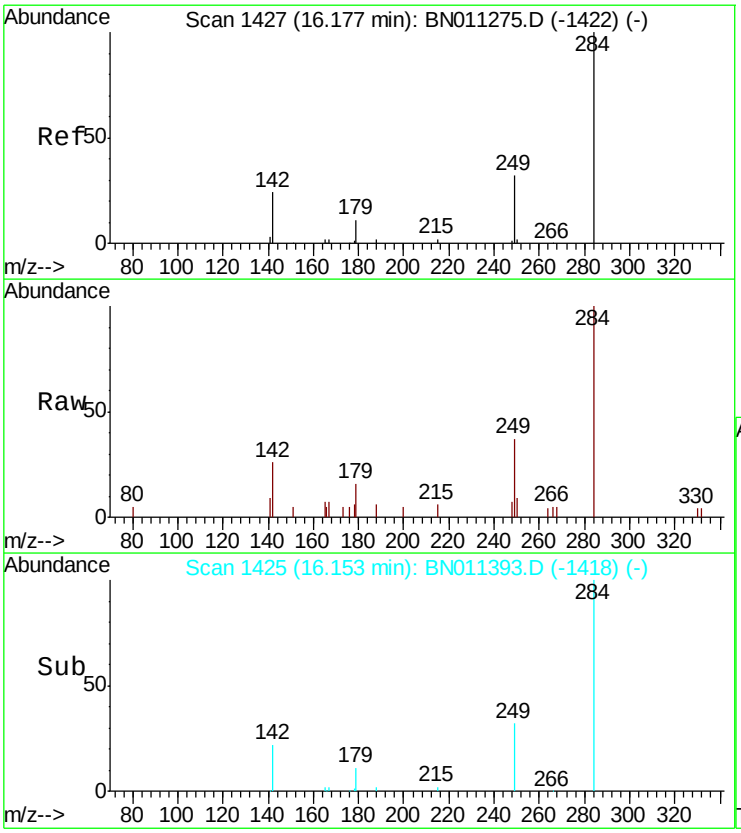
#21
4-Bromophenyl-phenylether
Concen: 0.289 ng
RT: 16.04 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1229

Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.2	115.8
141	59.4	56.5	84.7

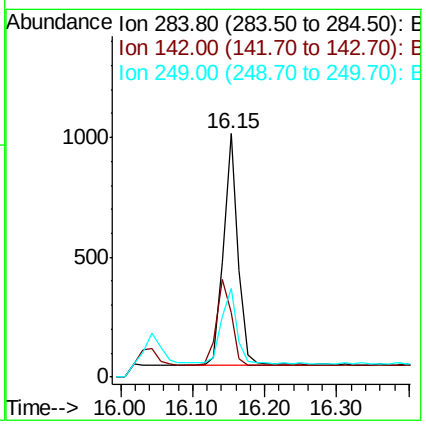


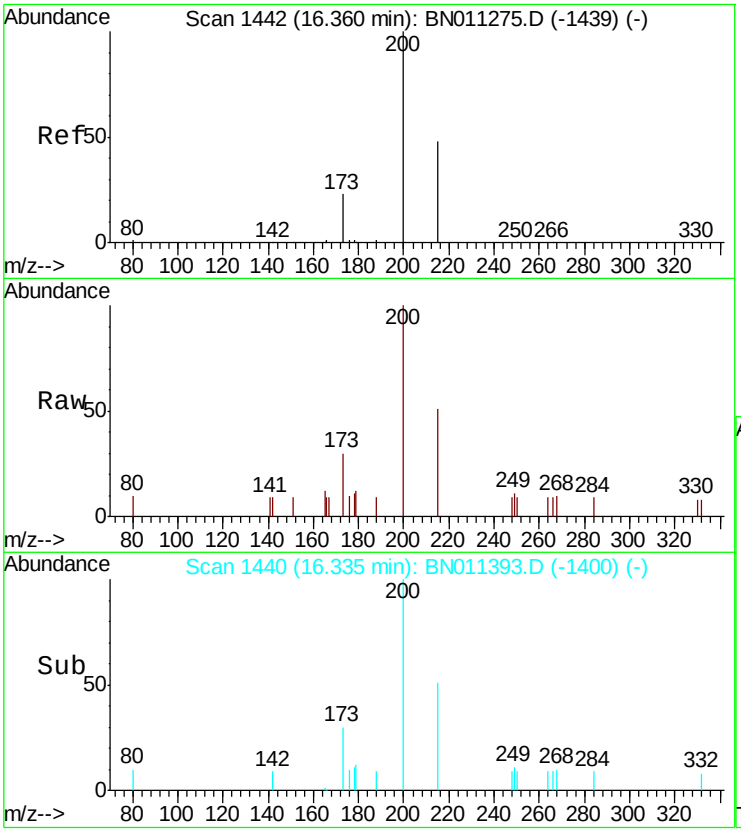


#22
Hexachlorobenzene
Concen: 0.292 ng
RT: 16.15 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:284 Resp: 1408

Ion	Ratio	Lower	Upper
284	100		
142	37.4	32.8	49.2
249	33.5	26.6	40.0



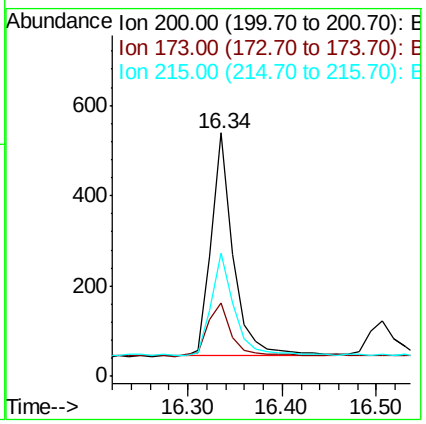


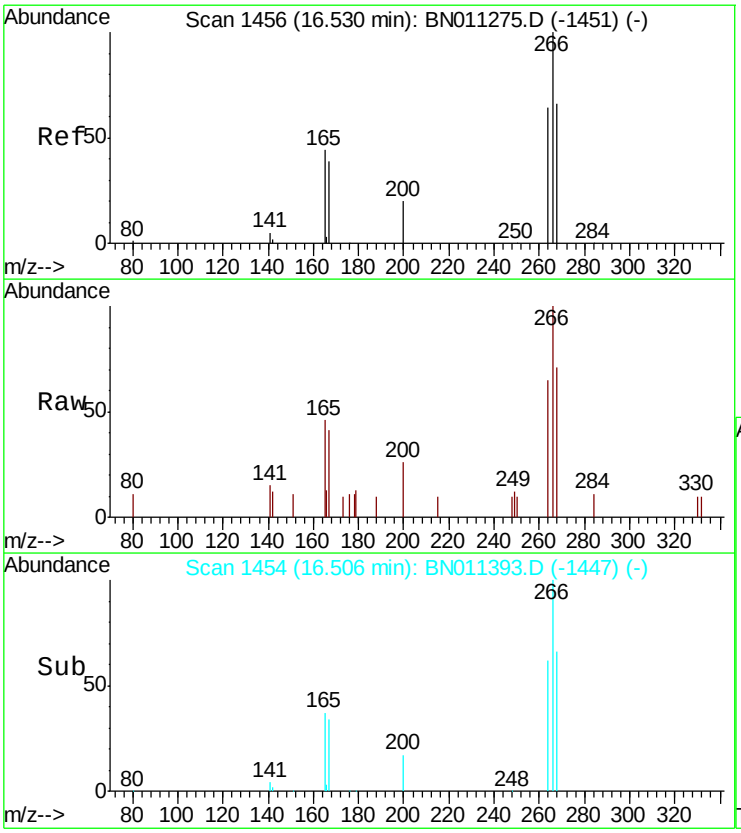
#23
Atrazine
Concen: 0.243 ng
RT: 16.34 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 804

Ion	Ratio	Lower	Upper
200	100		
173	30.2	22.0	33.0
215	50.8	41.1	61.7

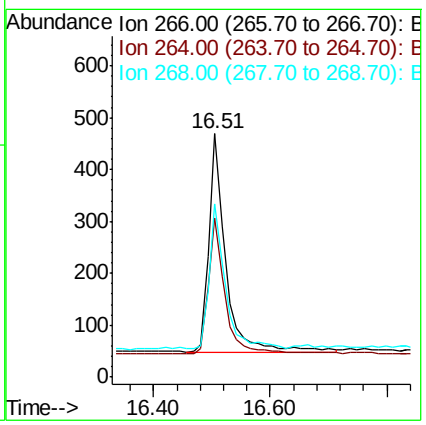


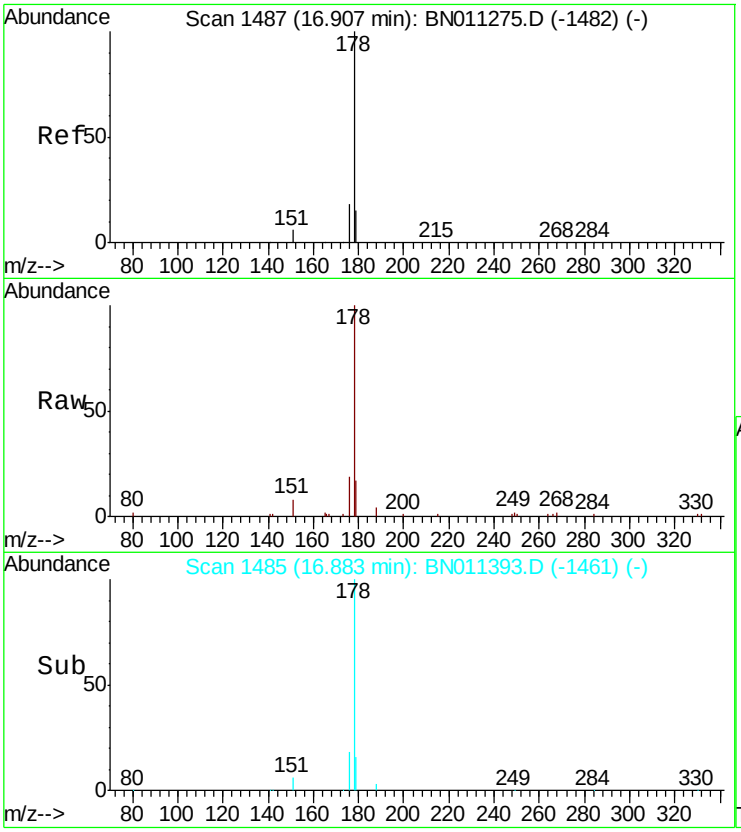


#24
Pentachlorophenol
Concen: 0.563 ng
RT: 16.51 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:266 Resp: 843

Ion	Ratio	Lower	Upper
266	100		
264	59.5	51.1	76.7
268	62.8	55.5	83.3



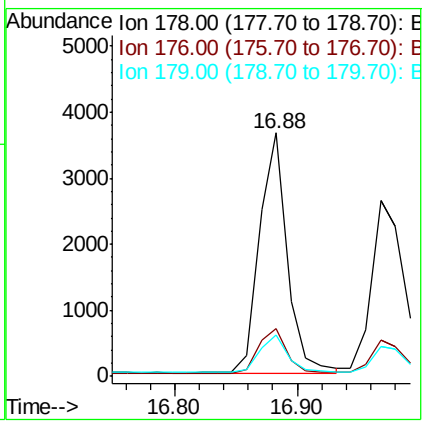


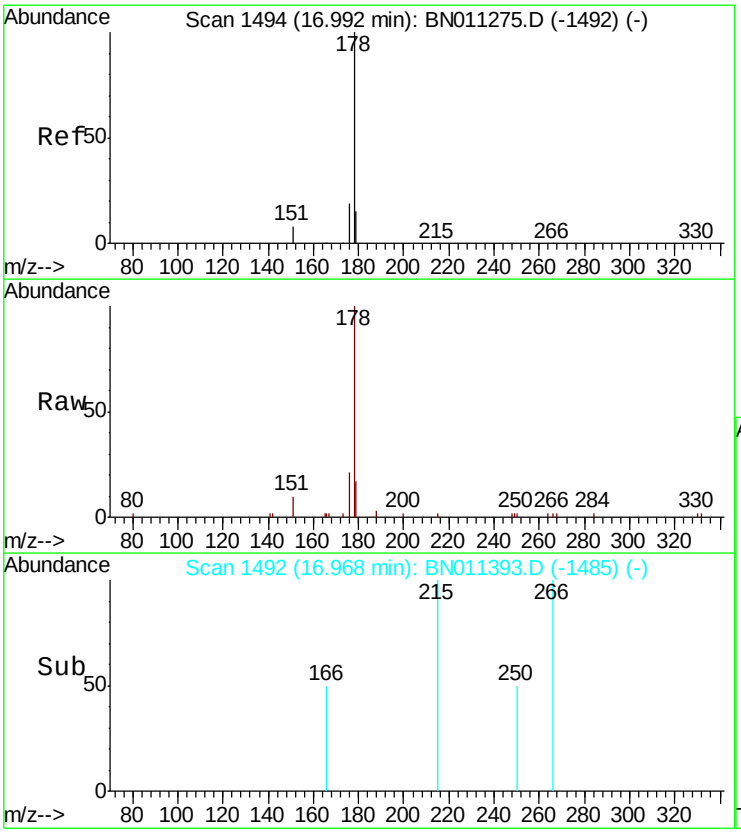
#25
Phenanthrene
Concen: 0.275 ng
RT: 16.88 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 5731

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.6	12.2	18.4

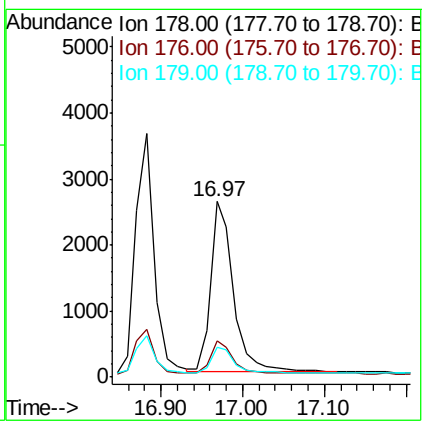


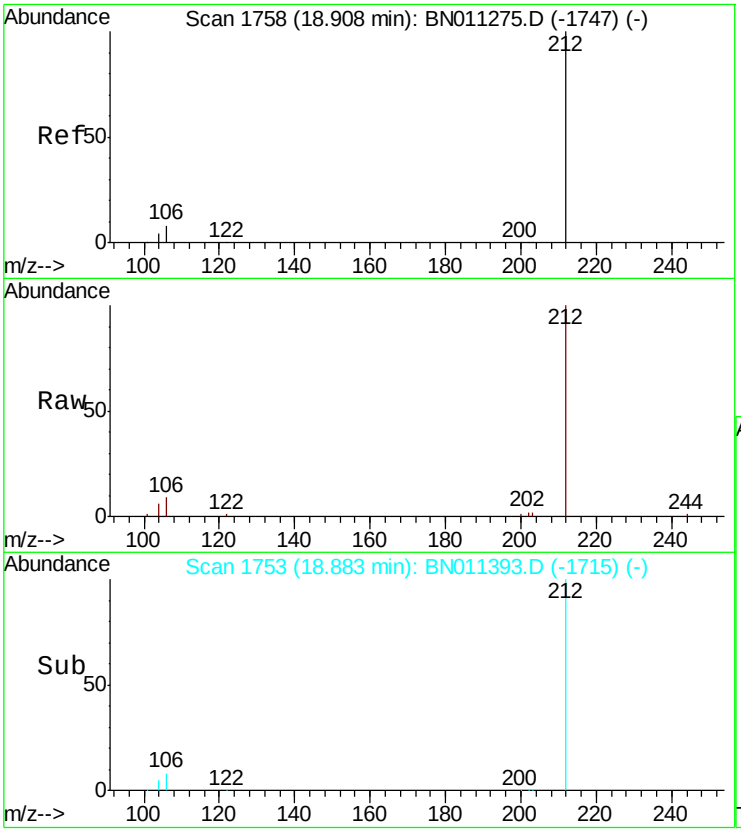


#26
Anthracene
Concen: 0.288 ng
RT: 16.97 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:178 Resp: 4999

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	14.9	12.1	18.1



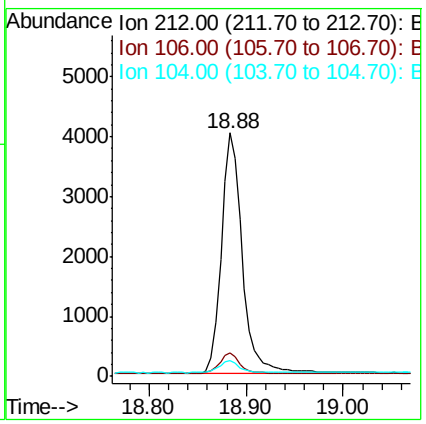


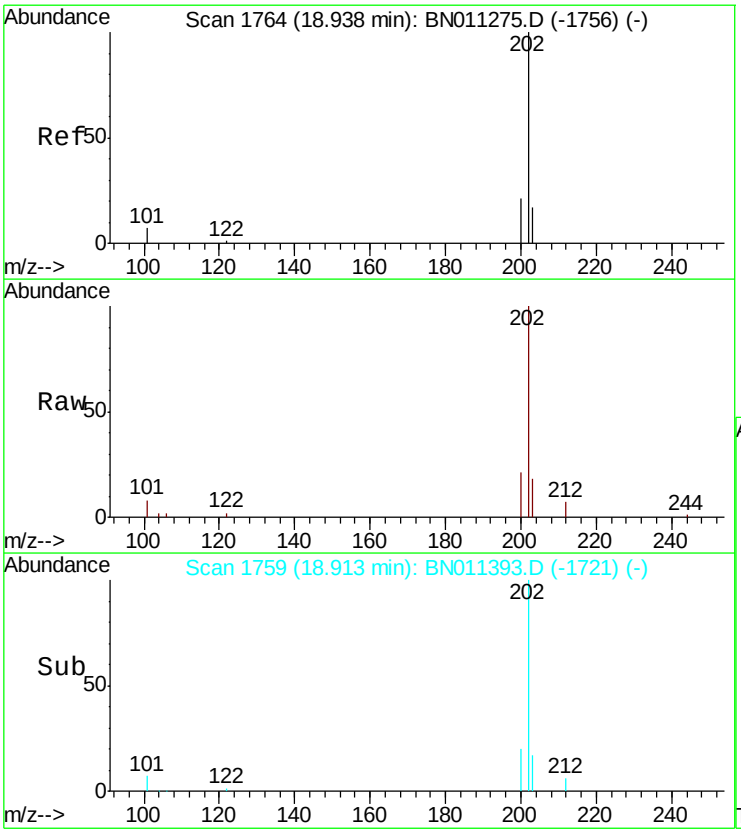
#27
Fluoranthene-d10
Concen: 0.308 ng
RT: 18.88 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 6036

Ion	Ratio	Lower	Upper
212	100		
106	8.1	6.9	10.3
104	5.0	4.2	6.2

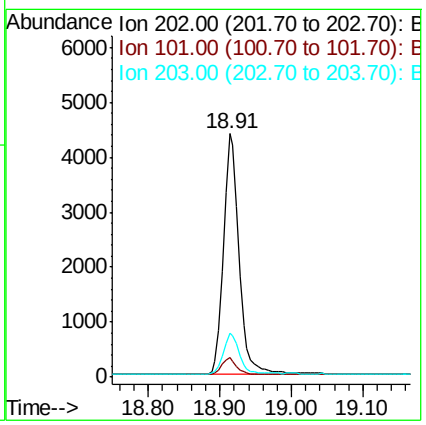


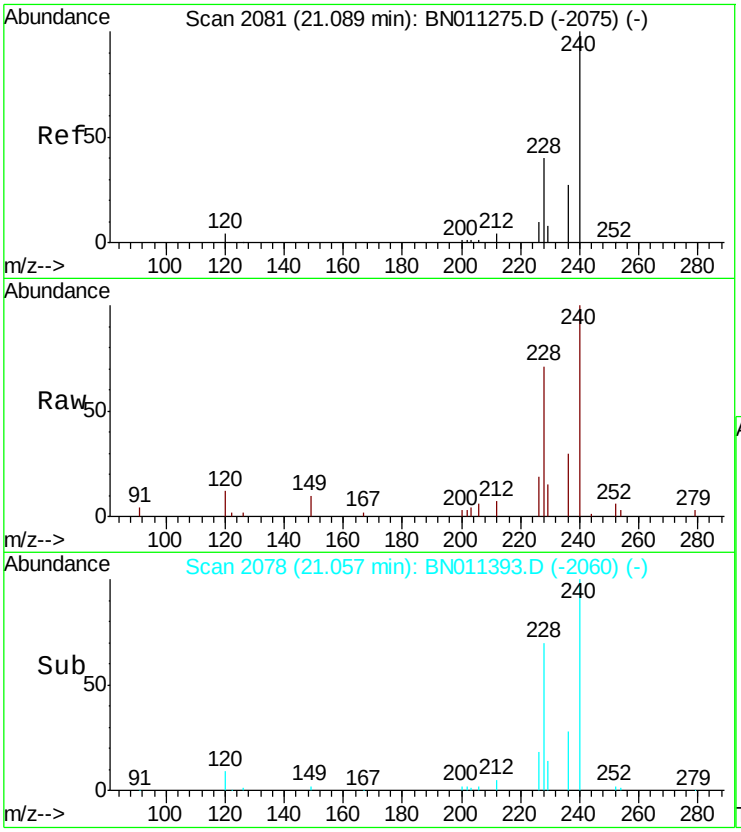


#28
Fluoranthene
Concen: 0.281 ng
RT: 18.91 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:202 Resp: 6662

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.9	8.9
203	17.0	13.7	20.5



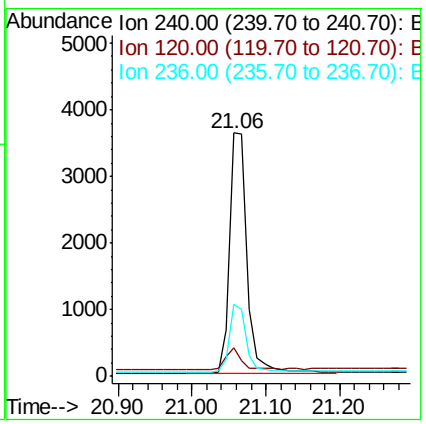


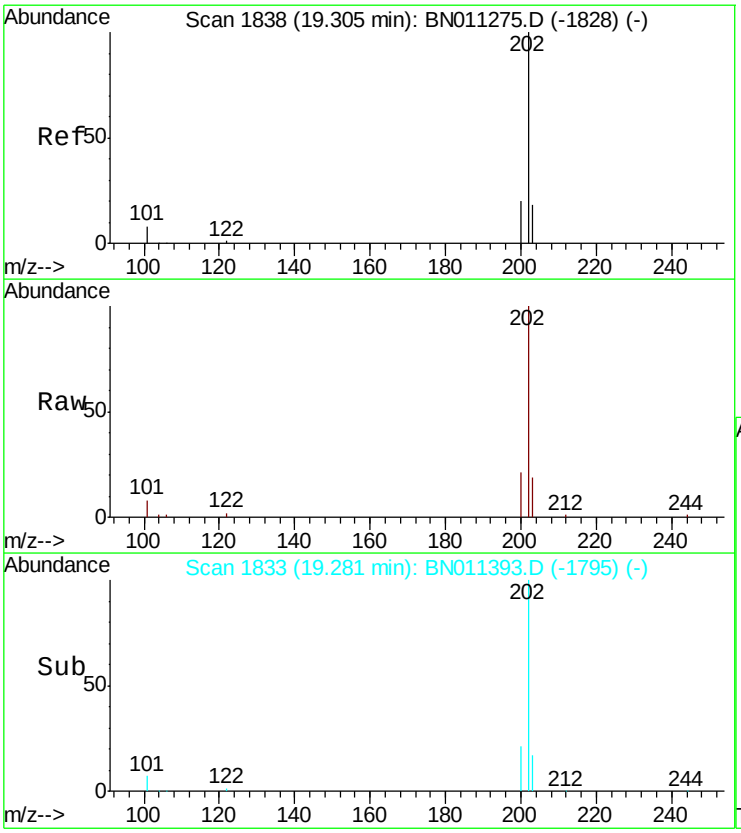
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 6054

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.8	8.8#
236	29.6	22.7	34.1

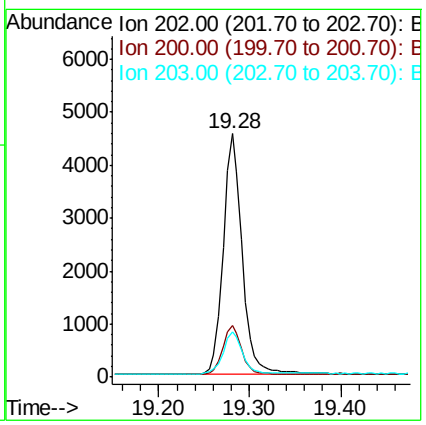


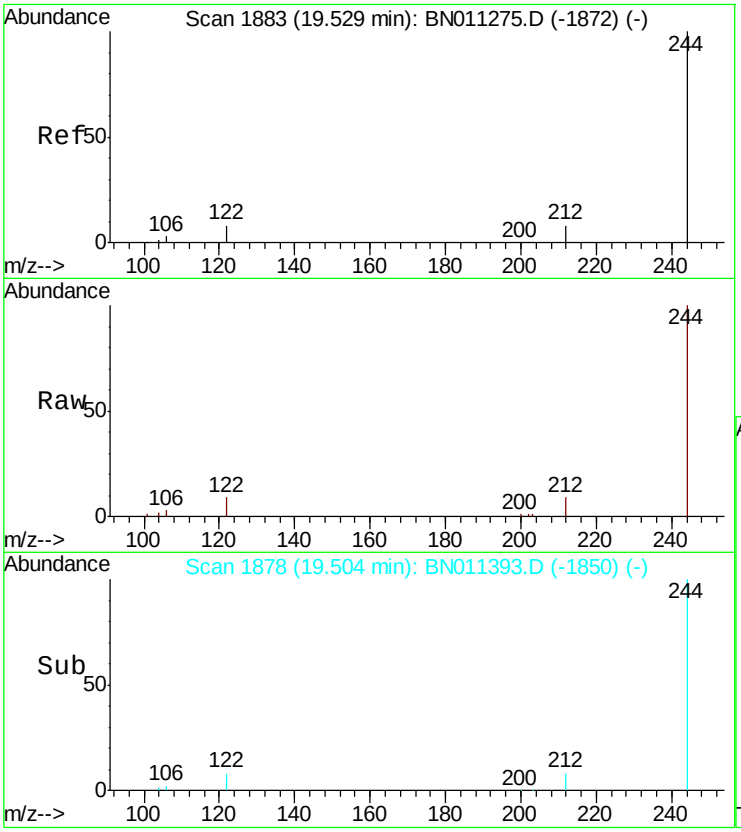


#30
Pyrene
Concen: 0.241 ng
RT: 19.28 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:202 Resp: 6583

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	18.1	14.1	21.1



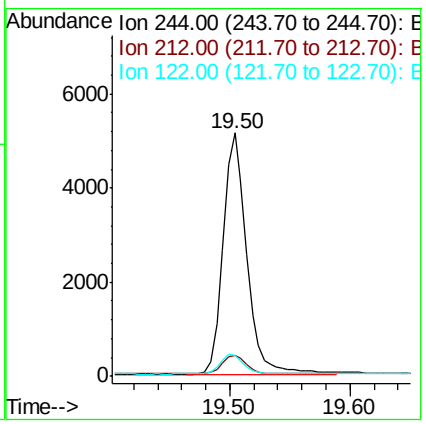


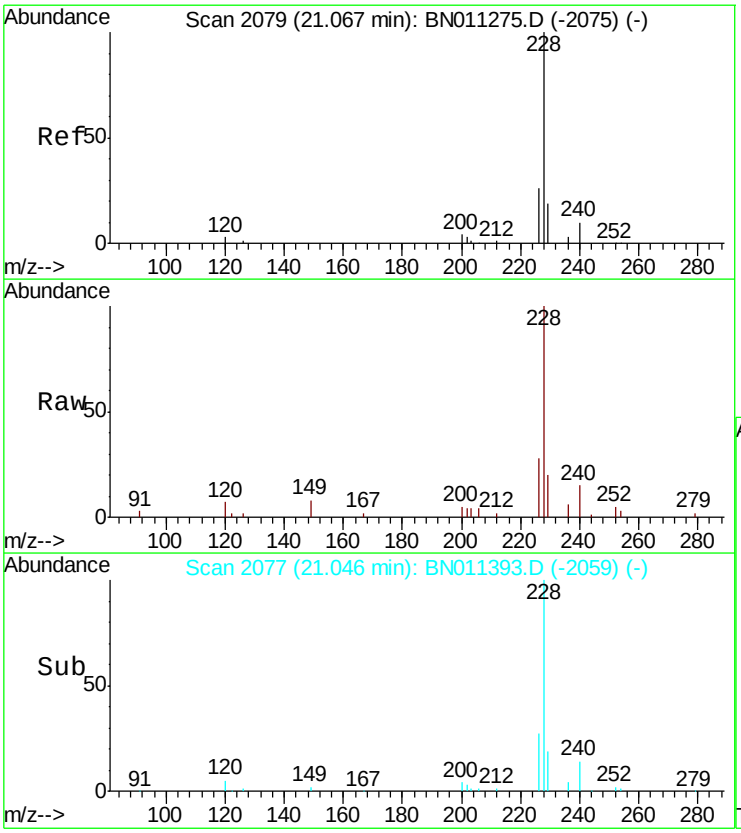
#31
Terphenyl-d14
Concen: 0.382 ng
RT: 19.50 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 7000

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.6	11.4
122	8.6	7.5	11.3

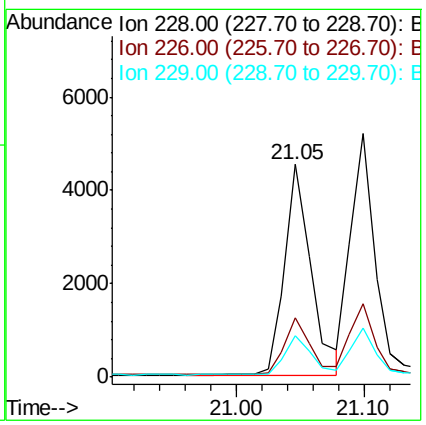


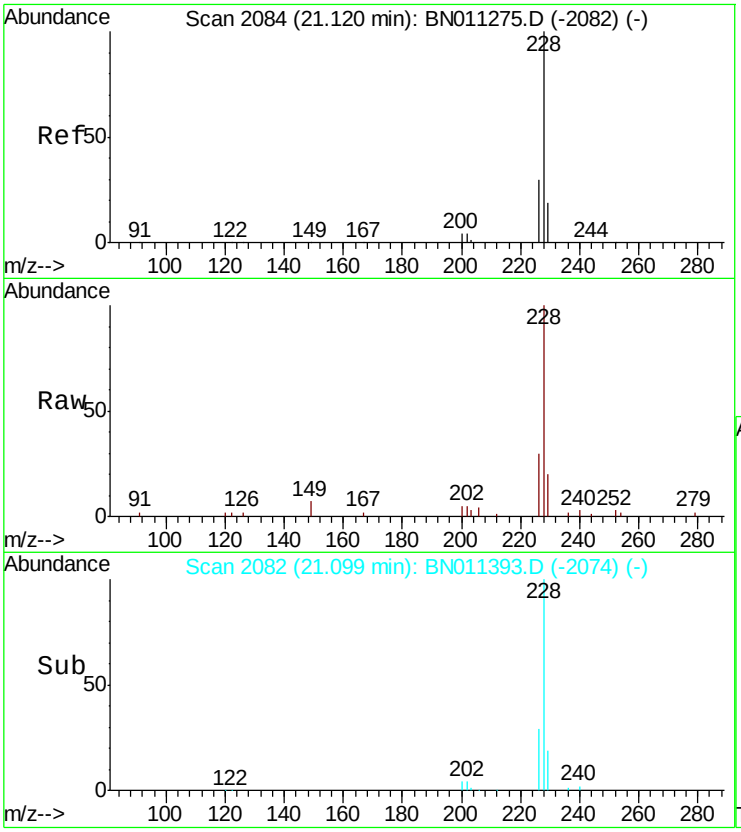


#32
Benzo(a)anthracene
Concen: 0.316 ng
RT: 21.05 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:228 Resp: 6406

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.6	32.4
229	19.8	16.0	24.0



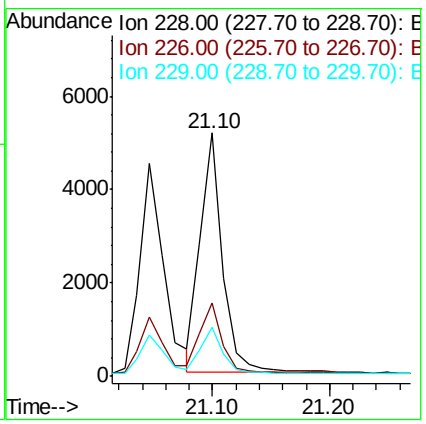


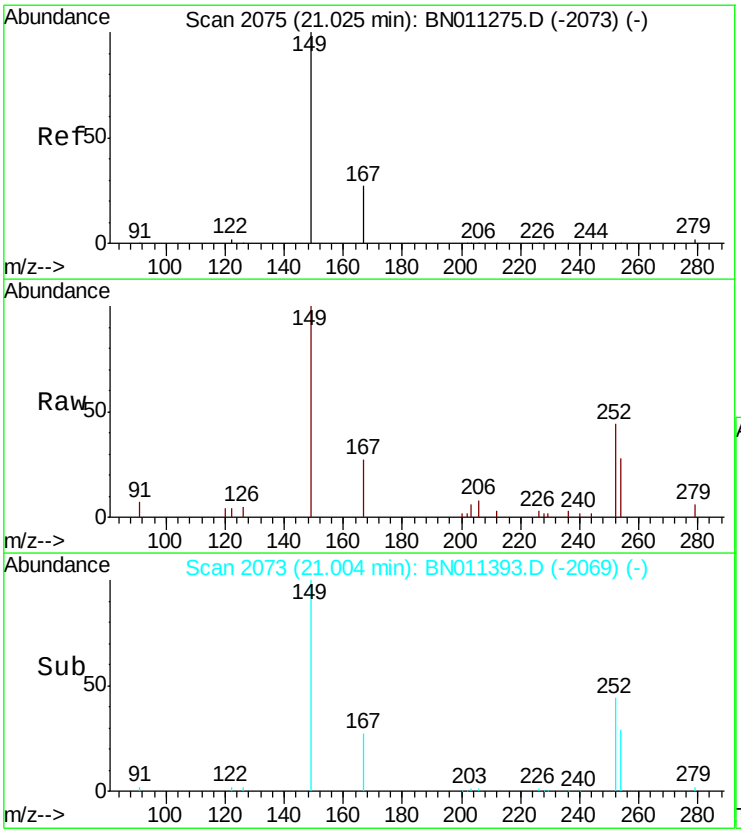
#33
Chrysene
Concen: 0.297 ng
RT: 21.10 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6748

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	19.9	15.9	23.9

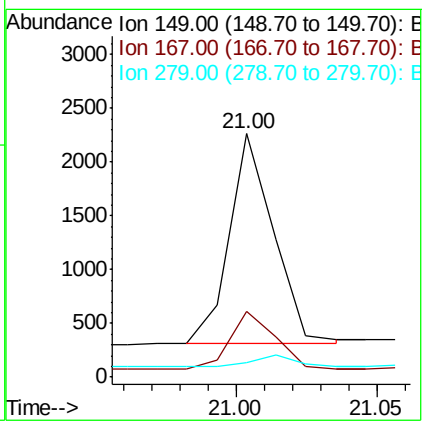


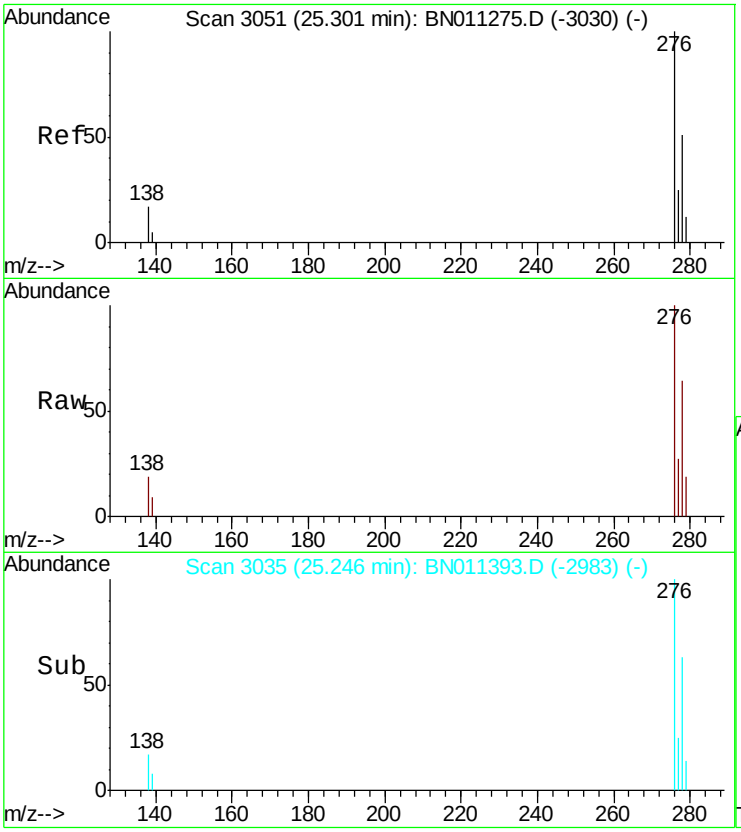


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.199 ng
RT: 21.00 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:149 Resp: 2166

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.7	32.5
279	4.8	3.9	5.9



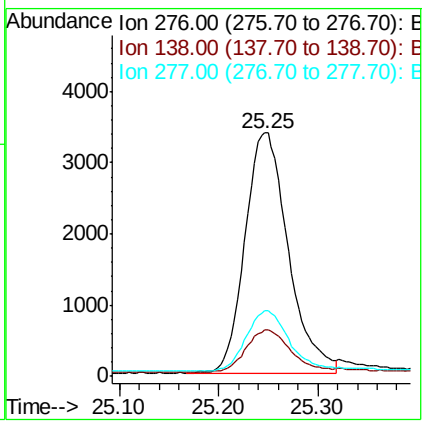


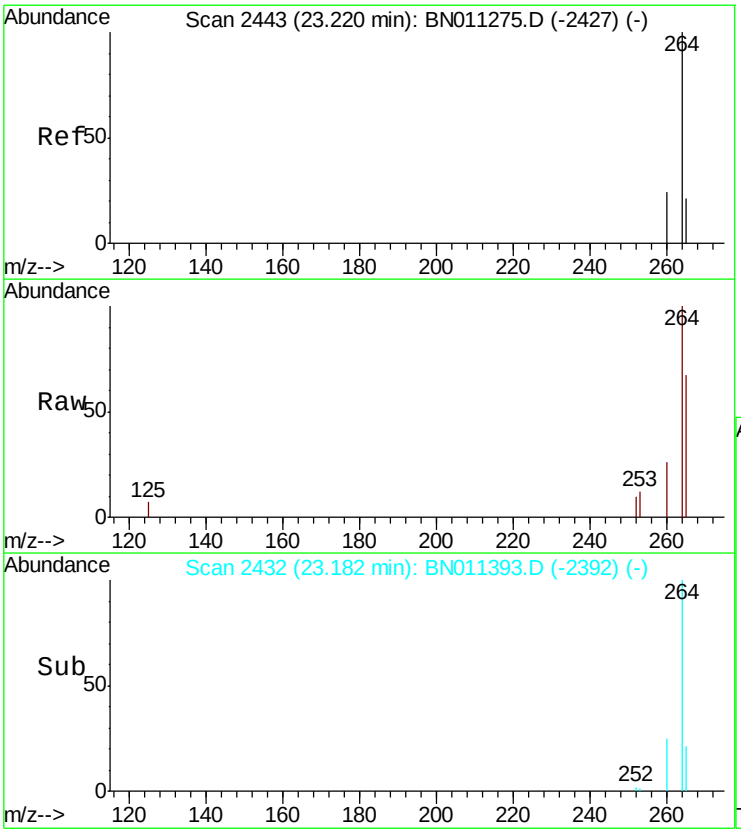
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.460 ng
RT: 25.25 min Scan# 3035
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 10232

Ion	Ratio	Lower	Upper
276	100		
138	17.8	13.6	20.4
277	25.2	19.7	29.5

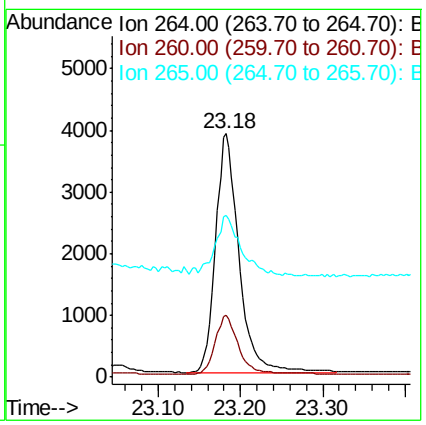


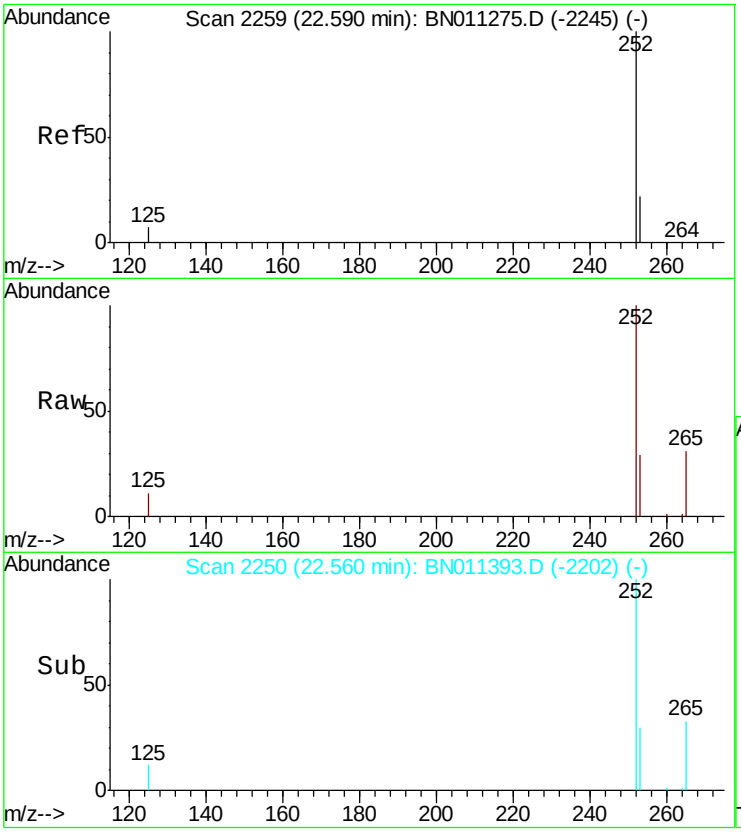


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.18 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:264 Resp: 7609

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	66.7	70.7	106.1#



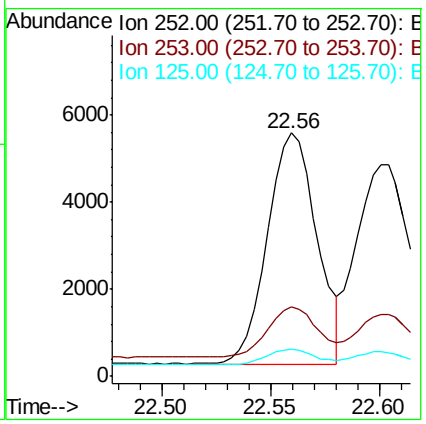


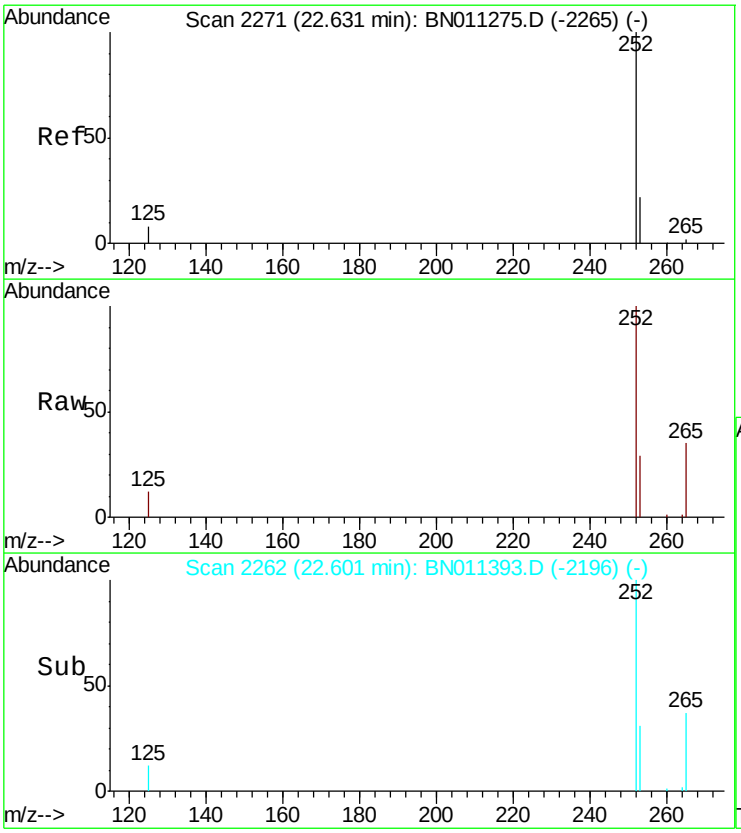
#37
Benzo(b)fluoranthene
Concen: 0.276 ng
RT: 22.56 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8371

Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.1	34.7
125	11.0	9.4	14.2

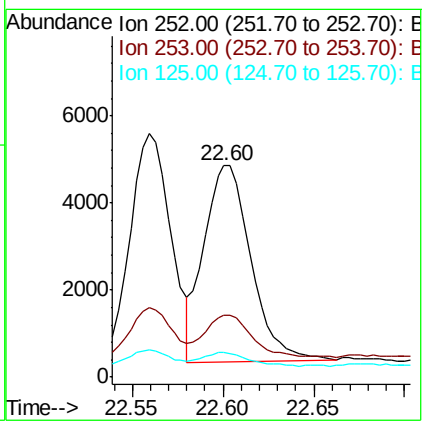


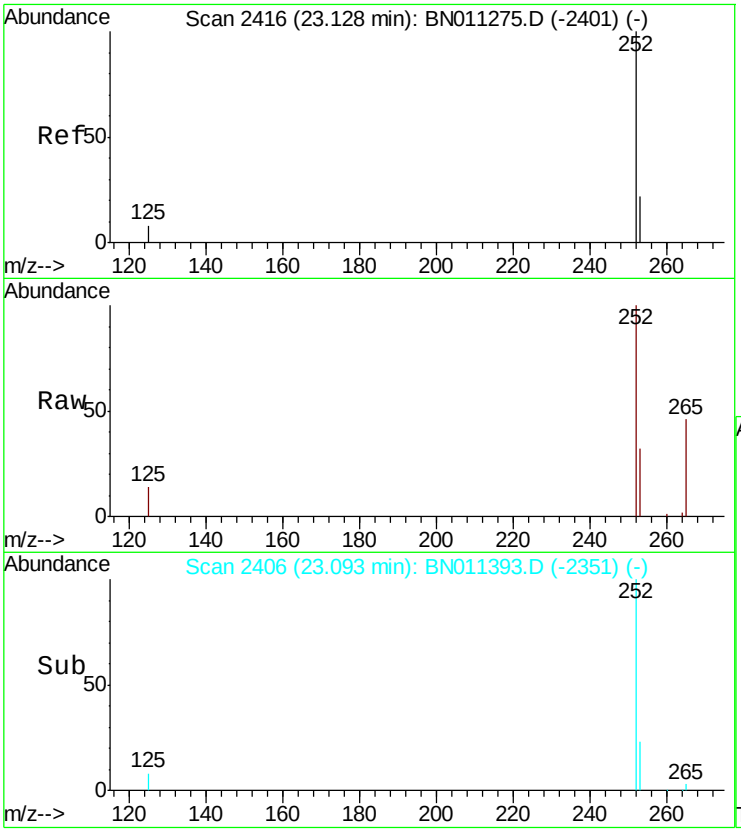


#38
Benzo(k)fluoranthene
Concen: 0.243 ng
RT: 22.60 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:252 Resp: 8110

Ion	Ratio	Lower	Upper
252	100		
253	29.1	22.9	34.3
125	11.6	11.3	16.9



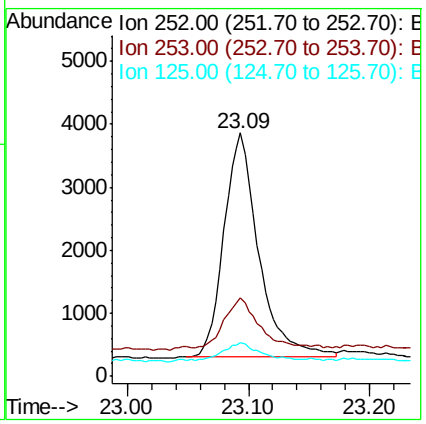


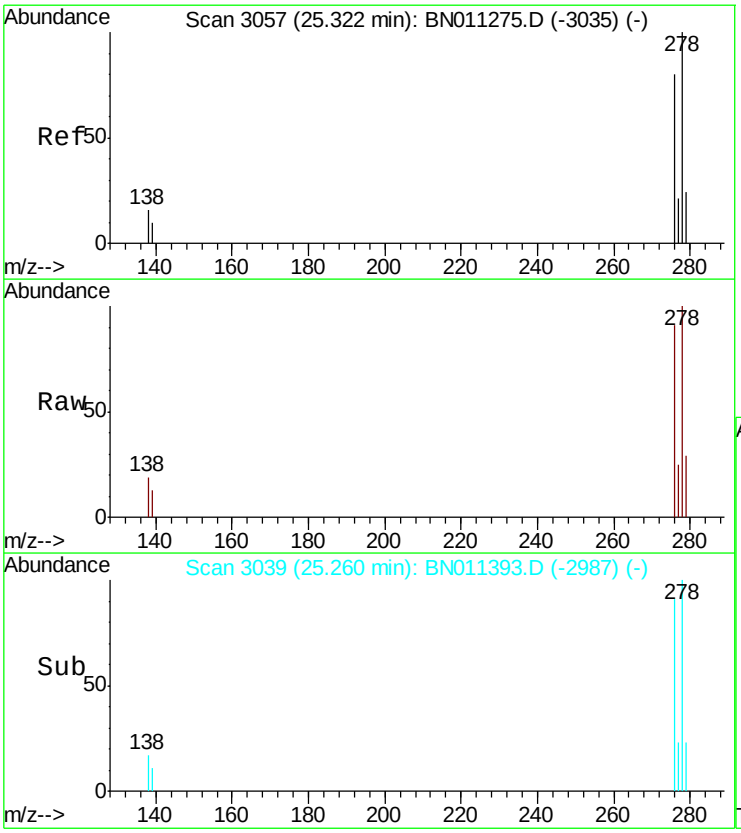
#39
Benzo(a)pyrene
Concen: 0.269 ng
RT: 23.09 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7081

Ion	Ratio	Lower	Upper
252	100		
253	32.2	26.6	39.8
125	13.7	12.7	19.1

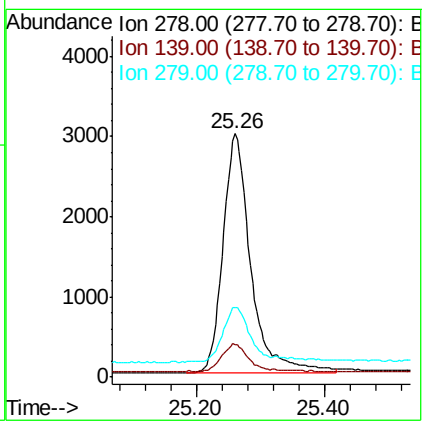


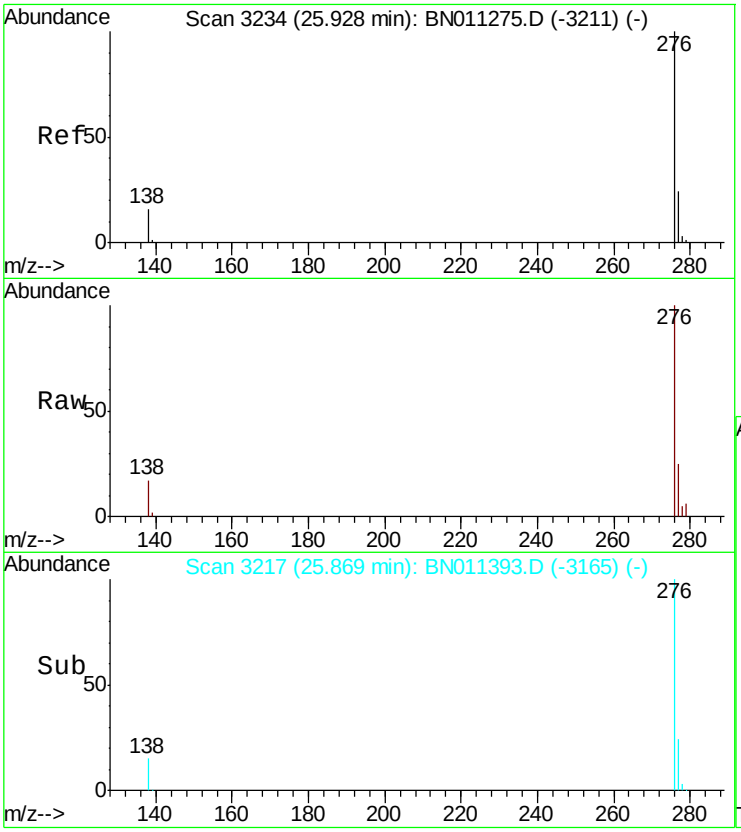


#40
Dibenzo(a,h)anthracene
Concen: 0.327 ng
RT: 25.26 min Scan# 3039
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Tgt Ion:278 Resp: 8909

Ion	Ratio	Lower	Upper
278	100		
139	13.2	12.4	18.6
279	28.8	25.8	38.6





#41
Benzo(g,h,i)perylene
Concen: 0.326 ng
RT: 25.87 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BN011393.D
Acq: 07 Aug 2020 11:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9856

Ion	Ratio	Lower	Upper
276	100		
277	25.4	21.0	31.6
138	17.0	15.0	22.6