Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
Data File : BN011037.D
Acq On : 23 Jun 2020 19:34
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN062320

Quant Time: Jun 23 20:07:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 18:53:50 2020
Response via : Initial Calibration

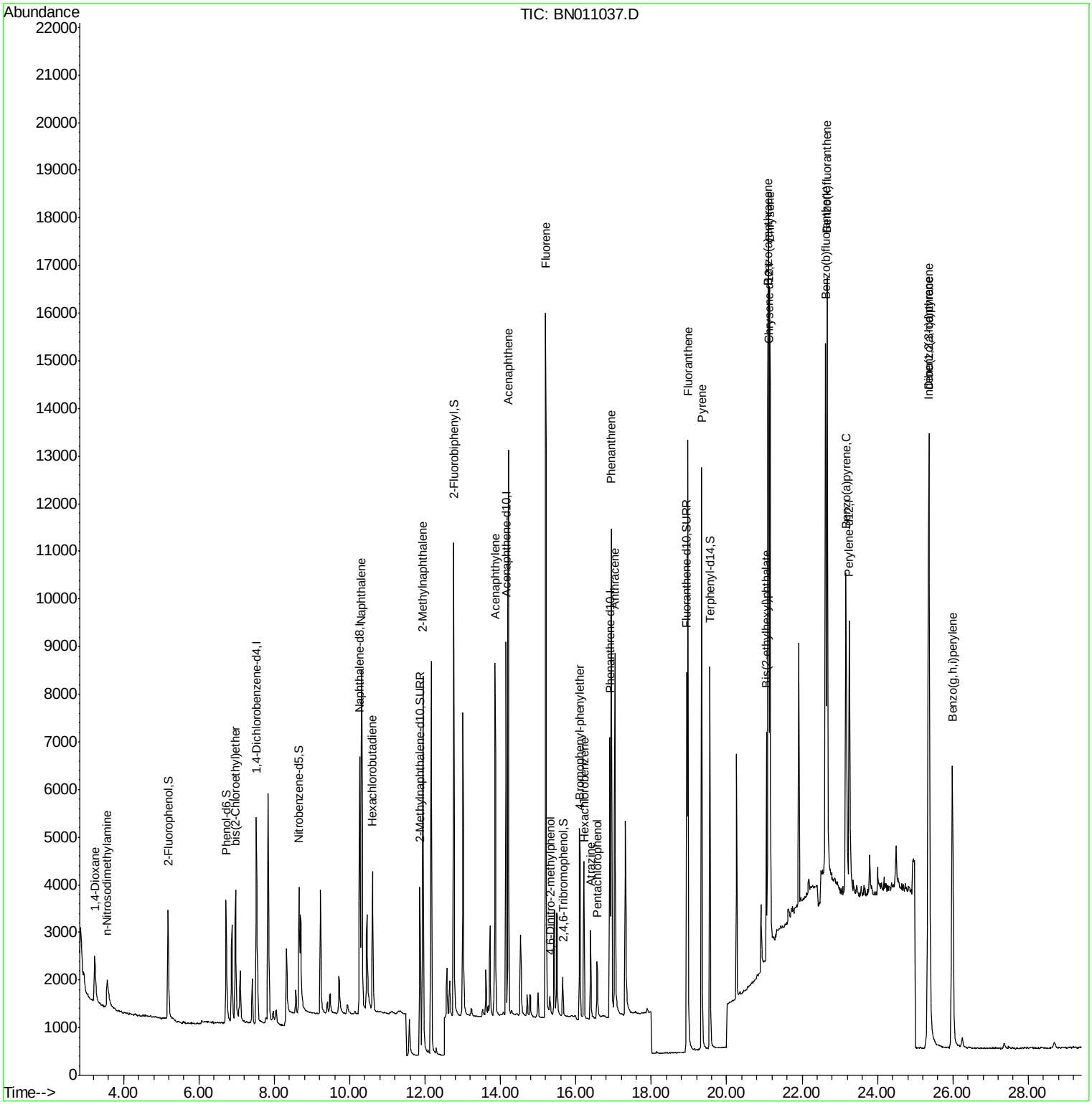
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2417	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	7754	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	4539	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	8179	0.40	ng		0.00
29) Chrysene-d12	21.11	240	8735	0.40	ng		-0.01
36) Perylene-d12	23.25	264	7933	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2767	0.41	ng		0.00
5) Phenol-d6	6.72	99	3208	0.40	ng		0.00
8) Nitrobenzene-d5	8.66	82	2783	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	11.86	152	5706	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	707	0.35	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	9094	0.43	ng		0.00
27) Fluoranthene-d10	18.94	212	10241	0.40	ng		0.00
31) Terphenyl-d14	19.55	244	8779	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1402	0.431	ng		99
3) n-Nitrosodimethylamine	3.55	42	714	0.394	ng	#	1
6) bis(2-Chloroethyl)ether	6.97	93	2878	0.413	ng		99
9) Naphthalene	10.32	128	9623	0.409	ng		98
10) Hexachlorobutadiene	10.61	225	2449	0.432	ng	#	98
12) 2-Methylnaphthalene	11.94	142	6618	0.420	ng		100
16) Acenaphthylene	13.85	152	9044	0.395	ng		99
17) Acenaphthene	14.21	154	6215	0.405	ng		99
18) Fluorene	15.20	166	7232	0.369	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	487	0.356	ng		95
21) 4-Bromophenyl-phenylether	16.11	248	2290	0.405	ng	#	74
22) Hexachlorobenzene	16.22	284	2638	0.422	ng		100
23) Atrazine	16.39	200	1647	0.394	ng		94
24) Pentachlorophenol	16.56	266	733	0.371	ng		99
25) Phenanthrene	16.93	178	11423	0.414	ng		100
26) Anthracene	17.03	178	9036	0.395	ng		99
28) Fluoranthene	18.97	202	12477	0.396	ng		100
30) Pyrene	19.34	202	12411	0.369	ng		99
32) Benzo(a)anthracene	21.10	228	11907	0.393	ng		98
33) Chrysene	21.14	228	13612	0.413	ng		99
34) Bis(2-ethylhexyl)phthalate	21.06	149	4419	0.363	ng		100
35) Indeno(1,2,3-cd)pyrene	25.35	276	16670	0.454	ng		100
37) Benzo(b)fluoranthene	22.62	252	14283	0.455	ng		99
38) Benzo(k)fluoranthene	22.66	252	15933	0.488	ng		98
39) Benzo(a)pyrene	23.16	252	11280	0.405	ng		98
40) Dibenzo(a,h)anthracene	25.37	278	13420	0.447	ng		100
41) Benzo(g,h,i)perylene	25.99	276	12530	0.403	ng		99

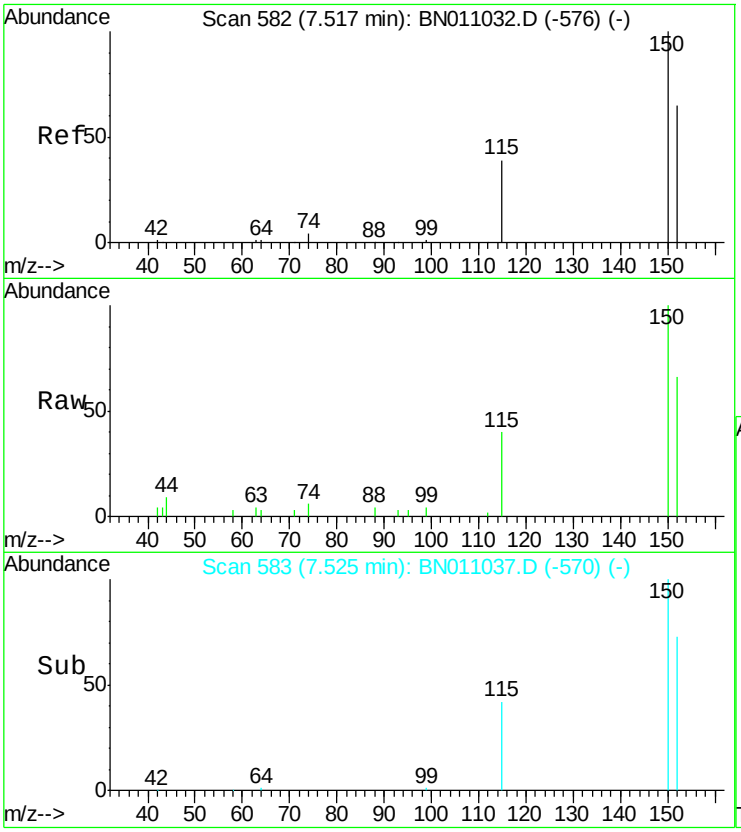
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
Data File : BN011037.D
Acq On : 23 Jun 2020 19:34
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Quant Time: Jun 23 20:07:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 18:53:50 2020
Response via : Initial Calibration



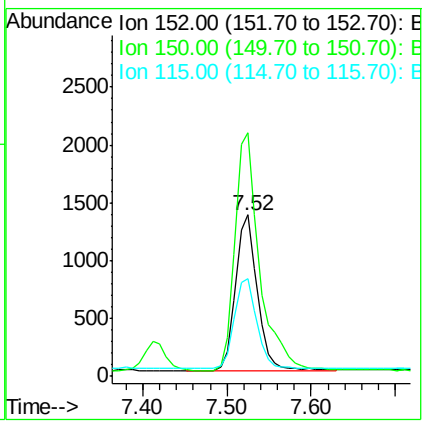


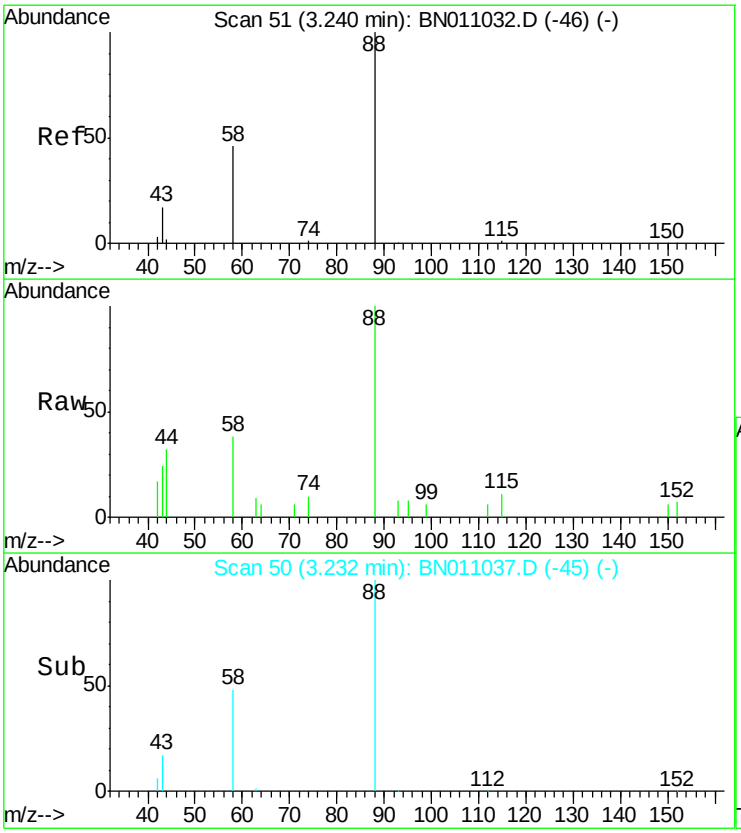
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:152 Resp: 2417

Ion	Ratio	Lower	Upper
152	100		
150	150.8	121.8	182.8
115	60.4	50.2	75.2

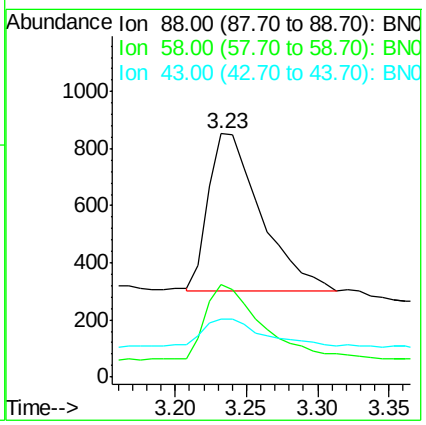


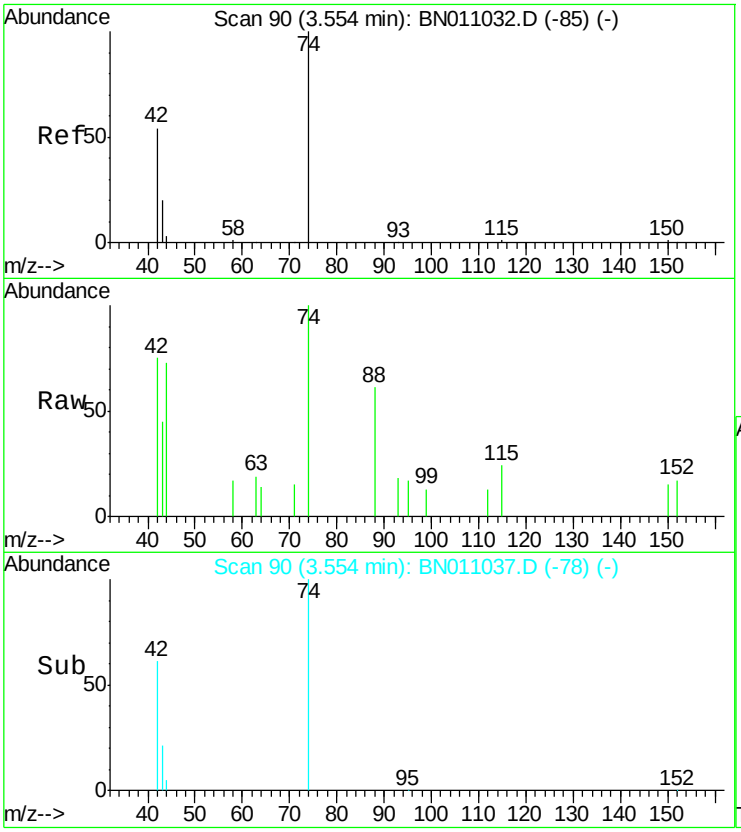


#2
1,4-Dioxane
Concen: 0.431 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion: 88 Resp: 1402

Ion	Ratio	Lower	Upper
88	100		
58	48.9	38.4	57.6
43	18.3	14.2	21.4



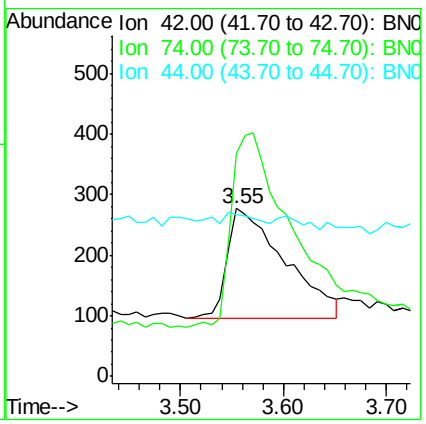


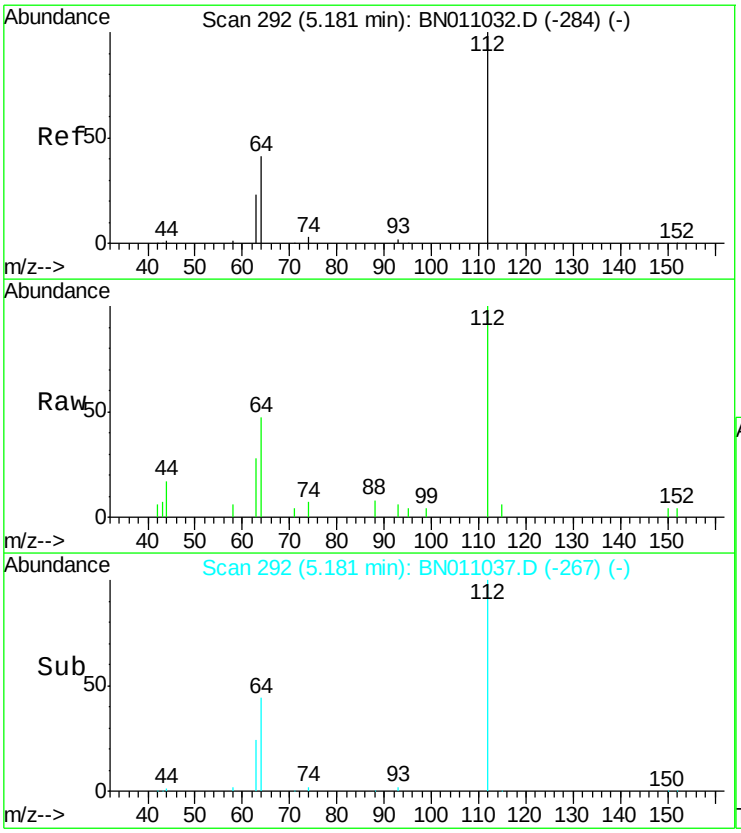
#3
n-Nitrosodimethylamine
Concen: 0.394 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion: 42 Resp: 714

Ion	Ratio	Lower	Upper
42	100		
74	0.0	154.8	232.2#
44	7.4	4.8	7.2#

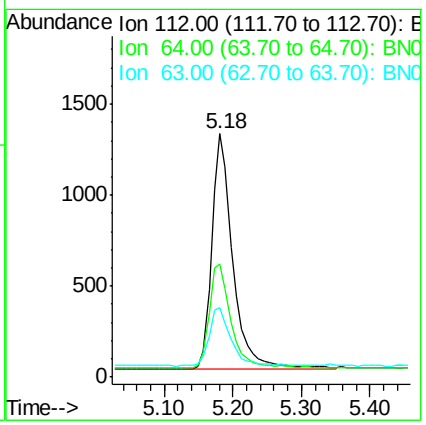


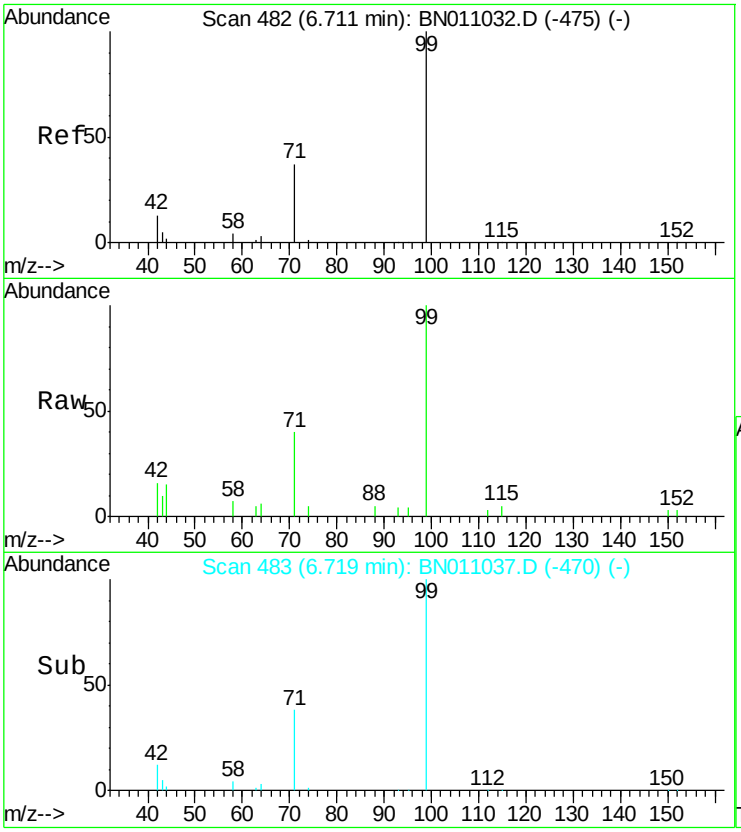


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:112 Resp: 2767

Ion	Ratio	Lower	Upper
112	100		
64	45.4	37.3	55.9
63	25.5	20.4	30.6



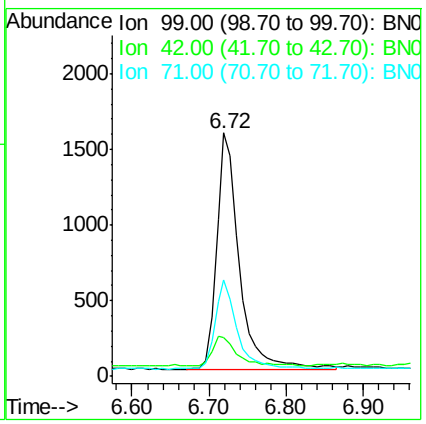


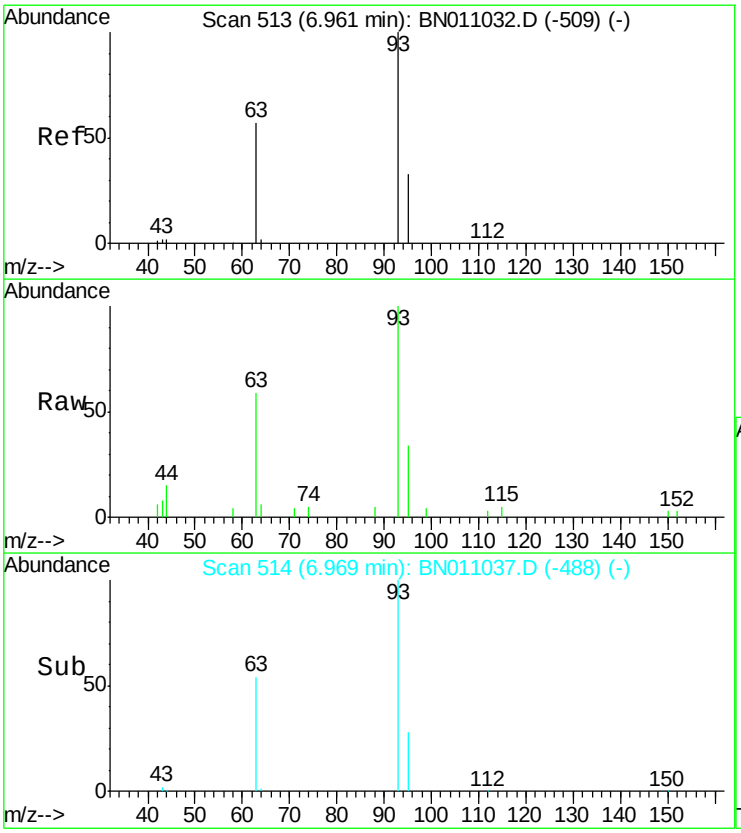
#5
Phenol-d6
Concen: 0.398 ng
RT: 6.72 min Scan# 483
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion: 99 Resp: 3208

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	16.0
71	36.5	28.7	43.1

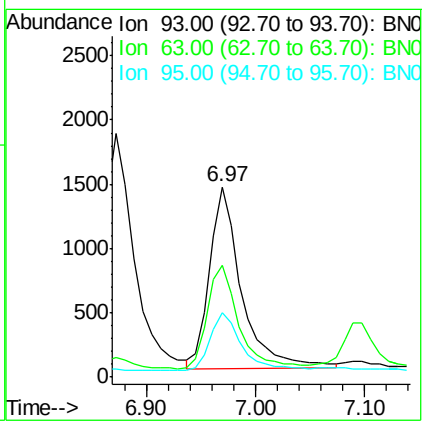


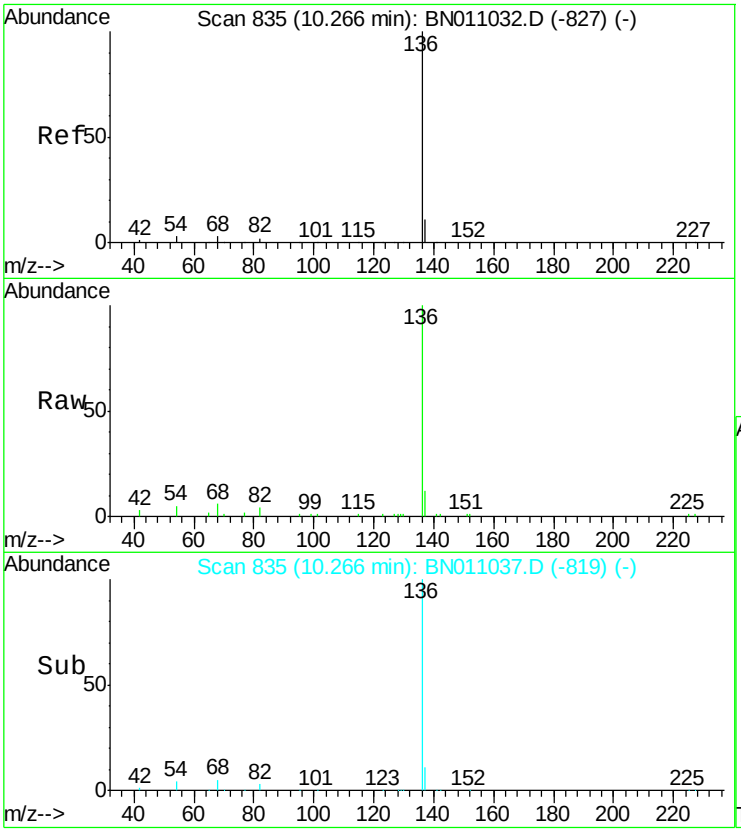


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 6.97 min Scan# 514
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion: 93 Resp: 2878

Ion	Ratio	Lower	Upper
93	100		
63	55.6	43.7	65.5
95	31.0	25.3	37.9



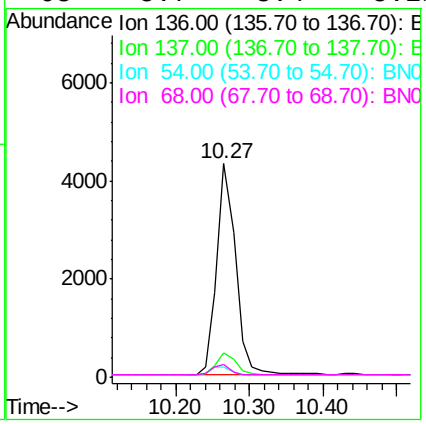


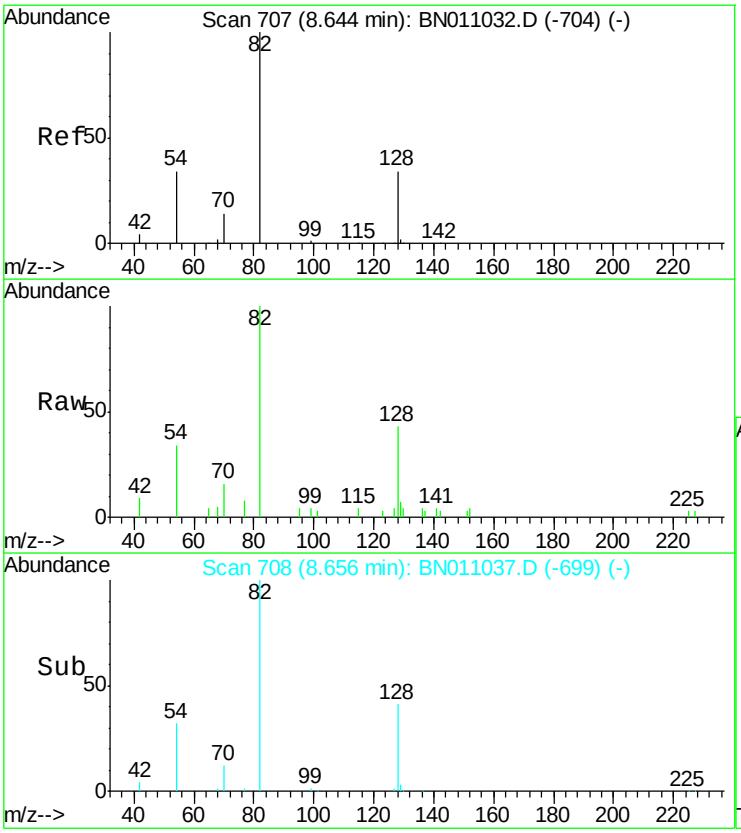
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:136 Resp: 7754

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	5.1	3.0	4.4#
68	5.7	3.4	5.2#

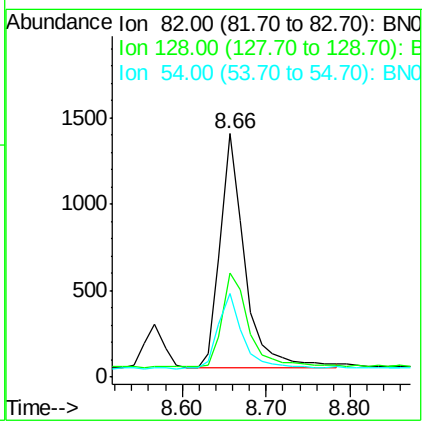


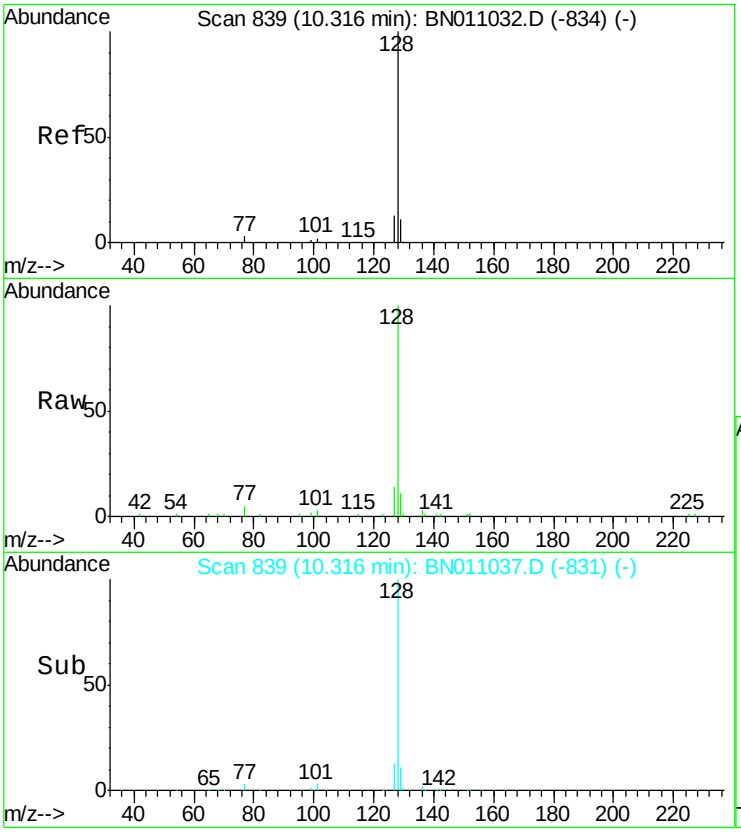


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.66 min Scan# 708
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion: 82 Resp: 2783

Ion	Ratio	Lower	Upper
82	100		
128	43.0	29.4	44.2
54	34.2	28.8	43.2



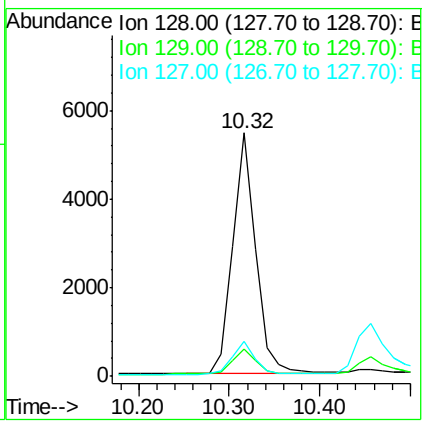


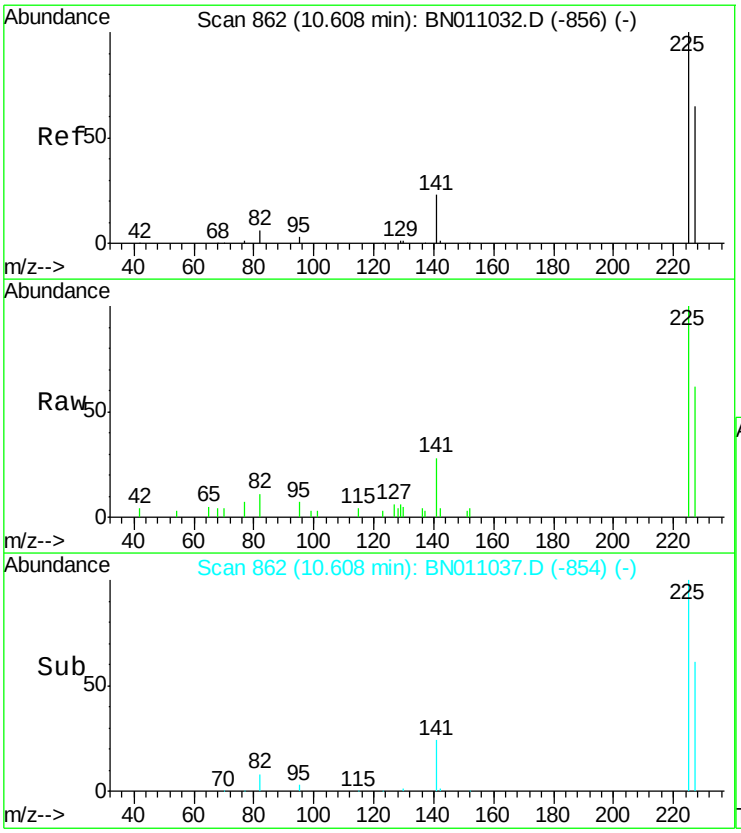
#9
Naphthalene
Concen: 0.409 ng
RT: 10.32 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:128 Resp: 9623

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	14.2	10.9	16.3

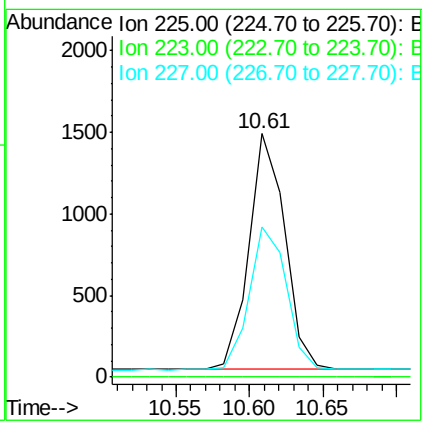


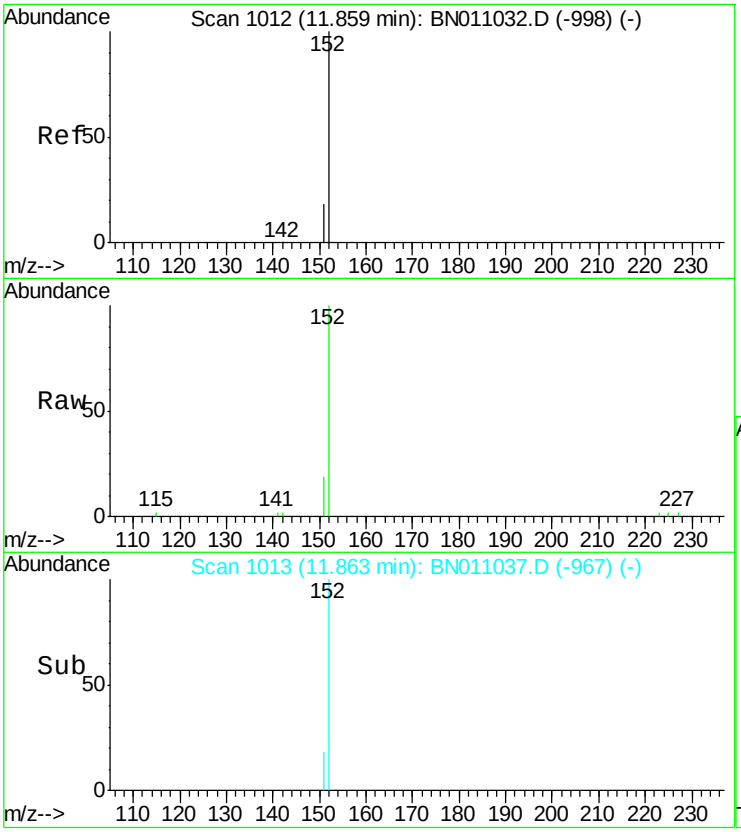


#10
Hexachlorobutadiene
Concen: 0.432 ng
RT: 10.61 min Scan# 862
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:225 Resp: 2449

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	51.7	77.5



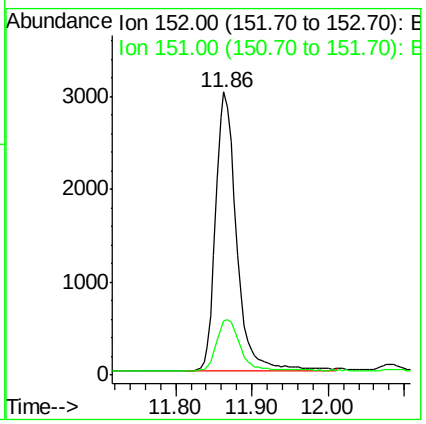


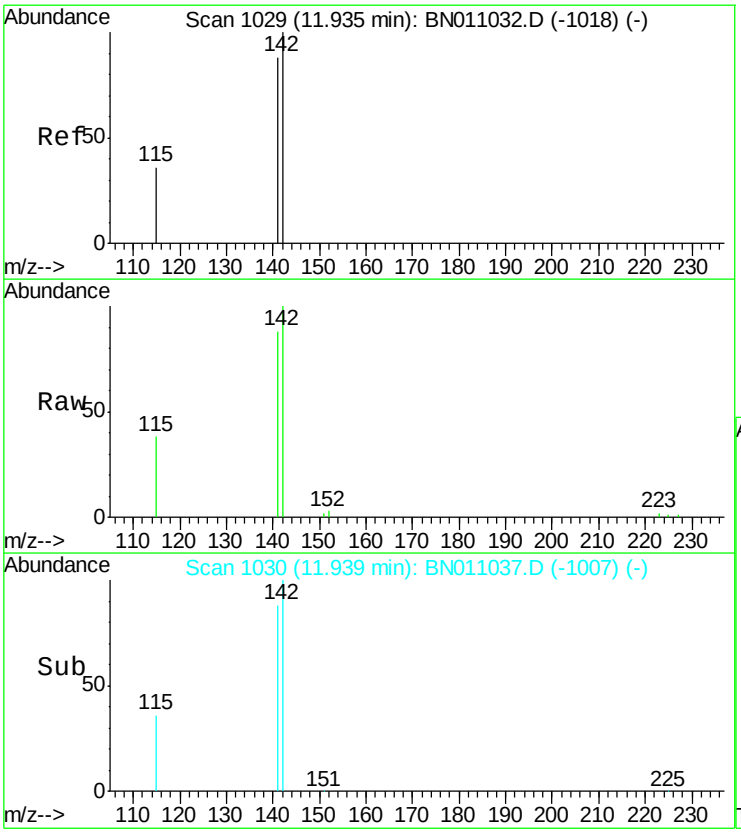
#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 11.86 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:152 Resp: 5706

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

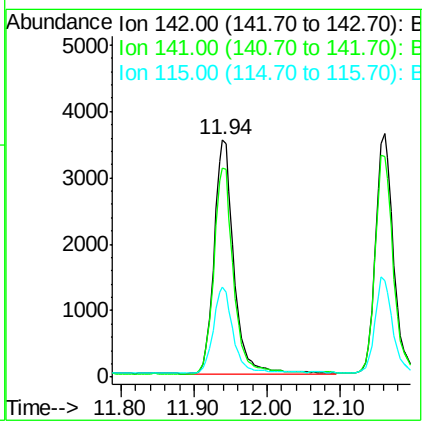


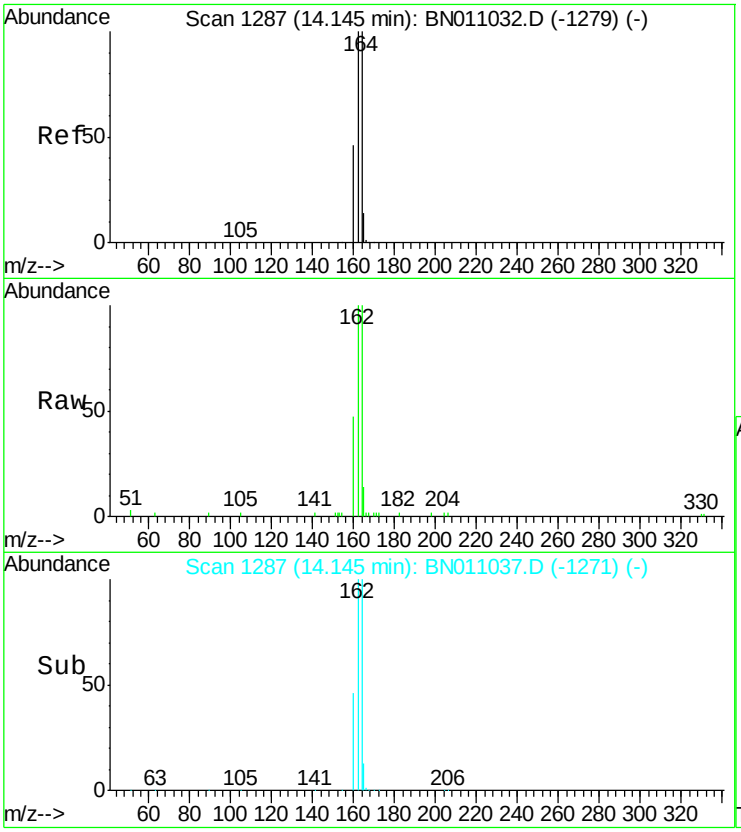


#12
2-Methylnaphthalene
Concen: 0.420 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:142 Resp: 6618

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	106.0
115	37.7	30.2	45.2



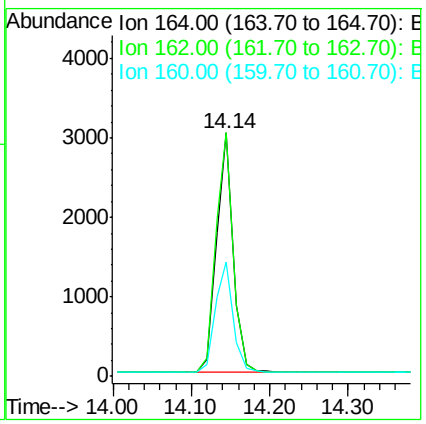


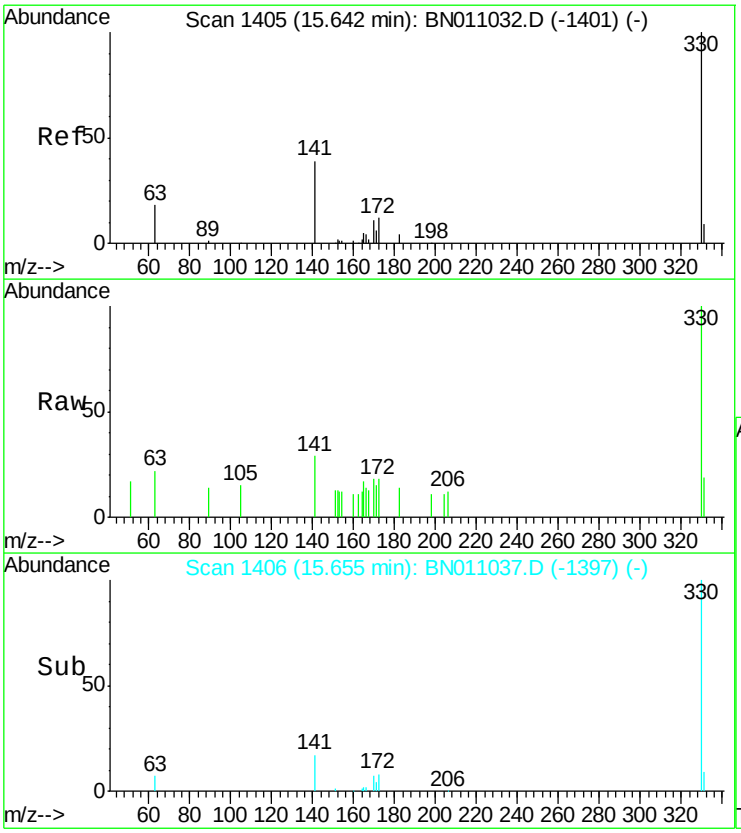
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:164 Resp: 4539

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.4
160	47.1	37.7	56.5

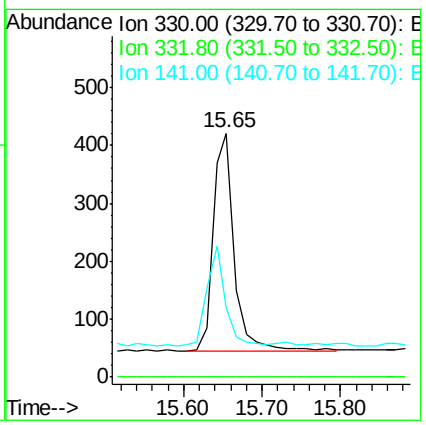


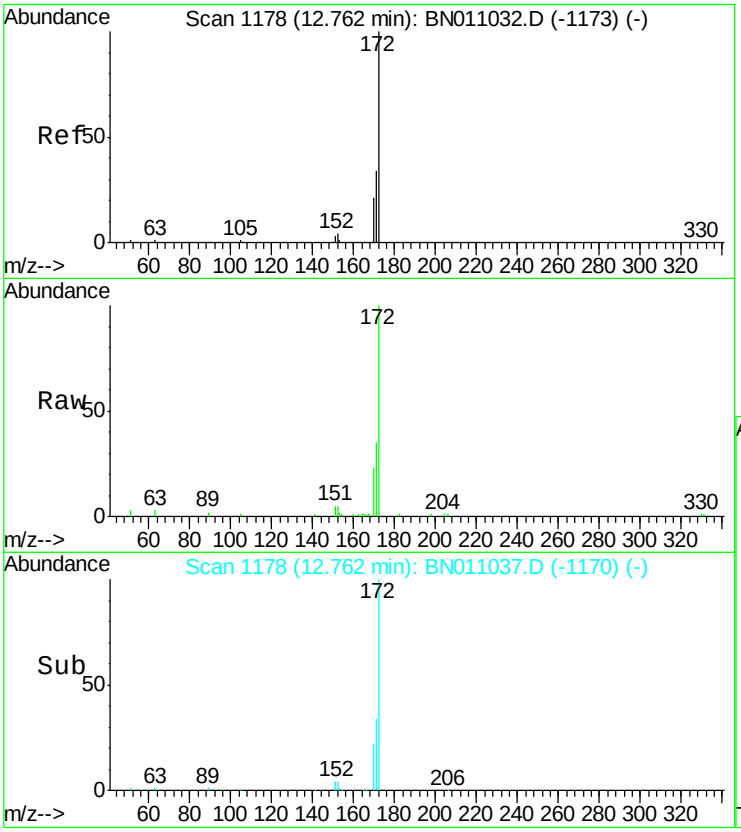


#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.65 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:330 Resp: 707

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.9	34.5	51.7



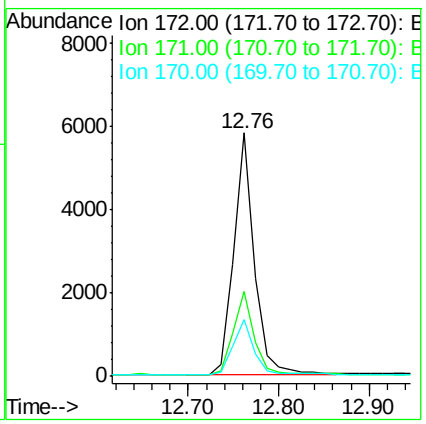


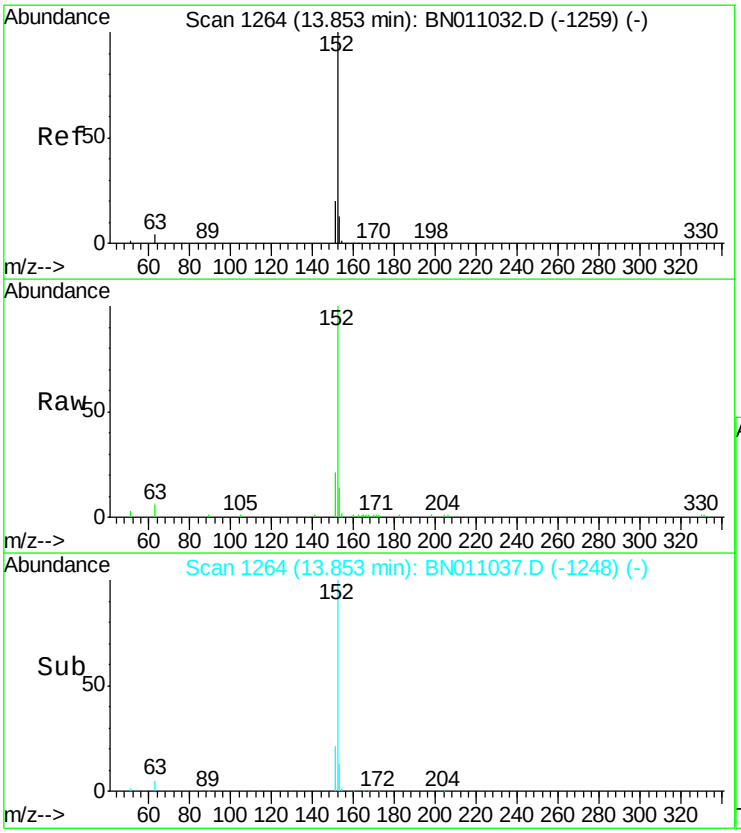
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:172 Resp: 9094

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.2
170	23.1	17.5	26.3

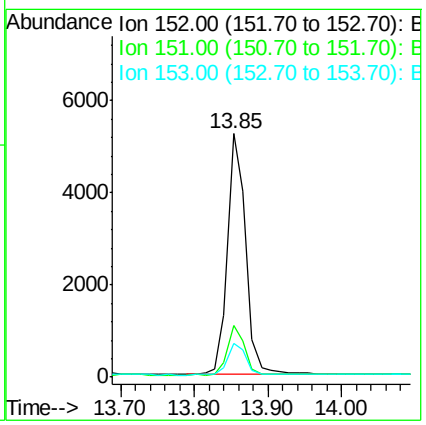


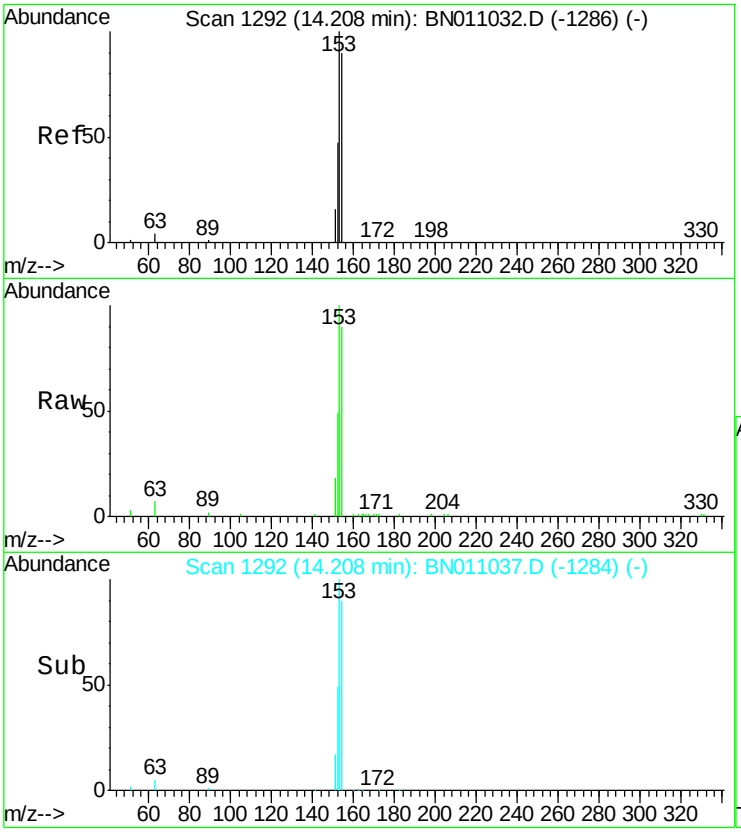


#16
Acenaphthylene
Concen: 0.395 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:152 Resp: 9044

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.4	10.2	15.2



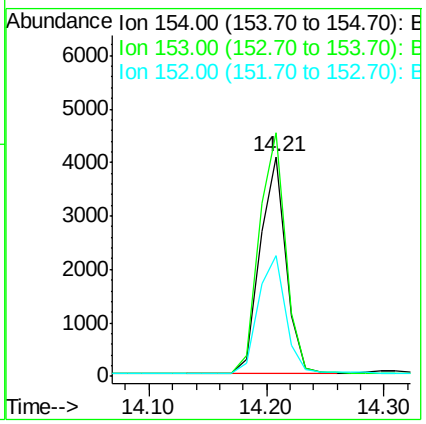


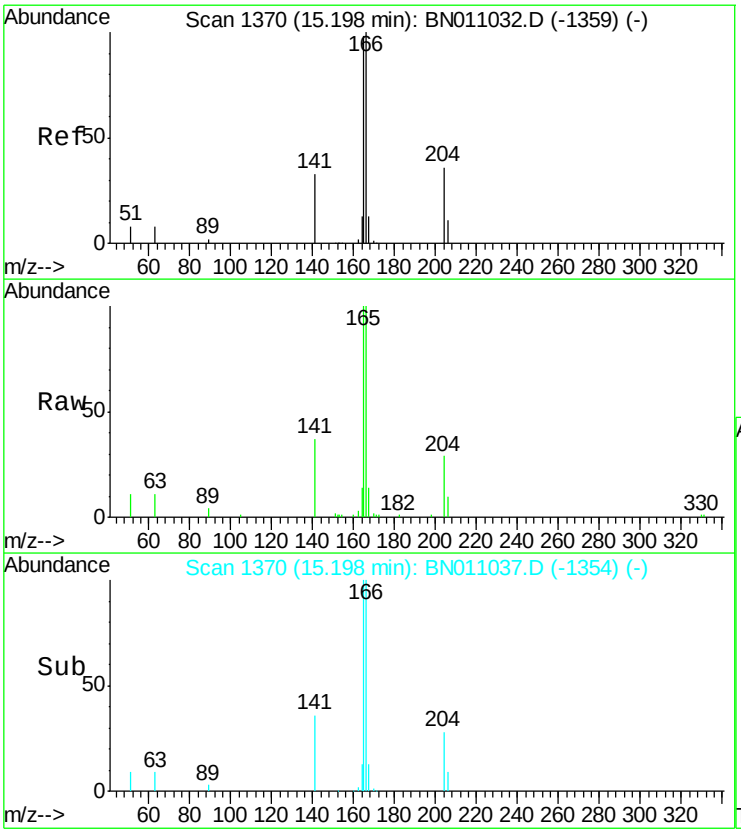
#17
Acenaphthene
Concen: 0.405 ng
RT: 14.21 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:154 Resp: 6215

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.3	138.5
152	58.2	45.5	68.3

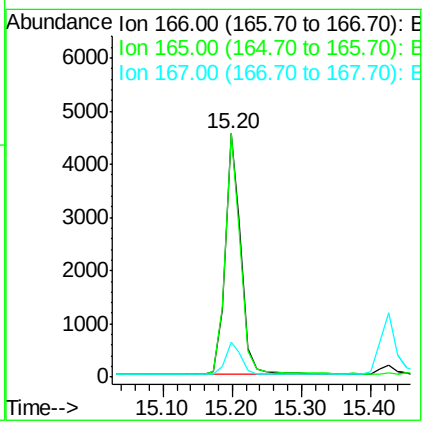


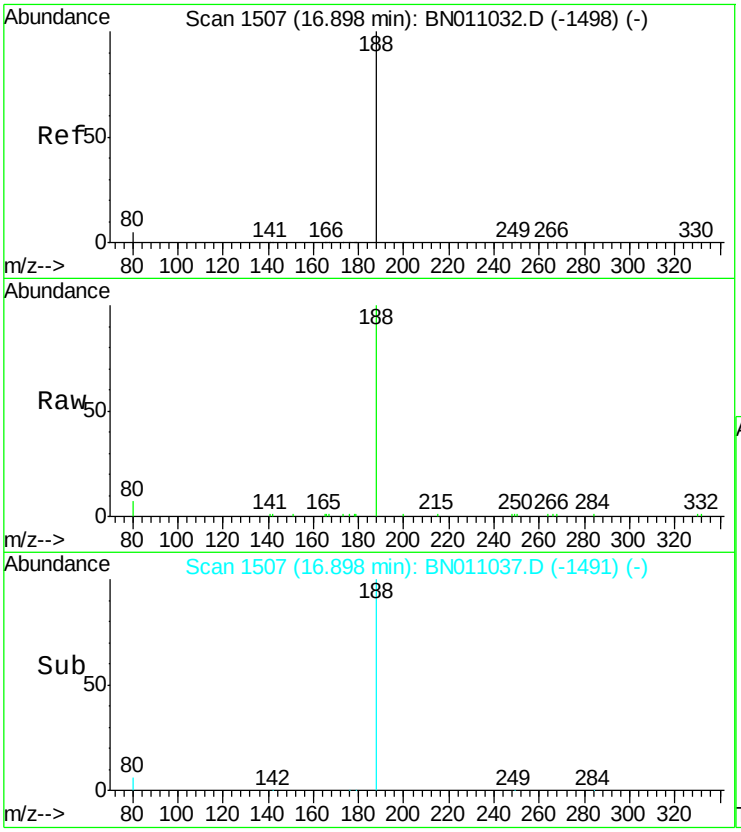


#18
Fluorene
Concen: 0.369 ng
RT: 15.20 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:166 Resp: 7232

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	13.6	10.8	16.2



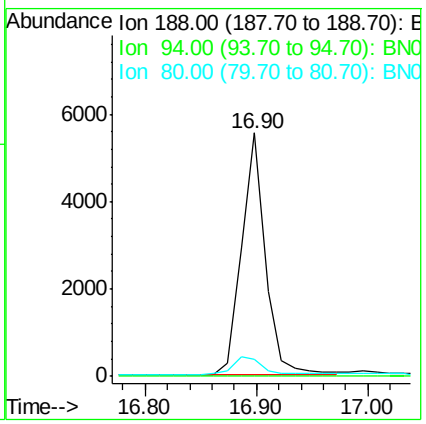


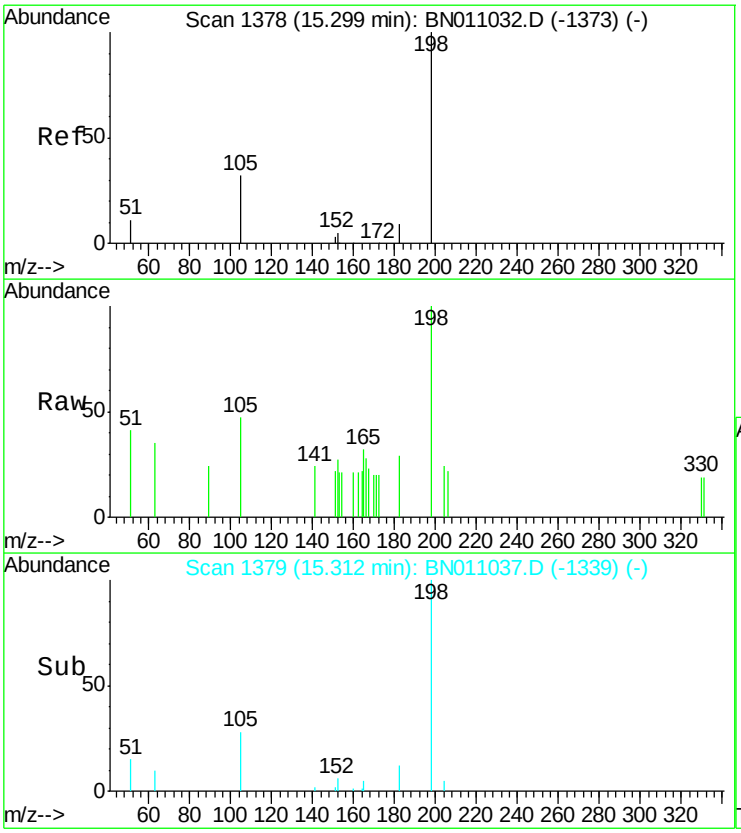
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:188 Resp: 8179

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	4.6	7.0

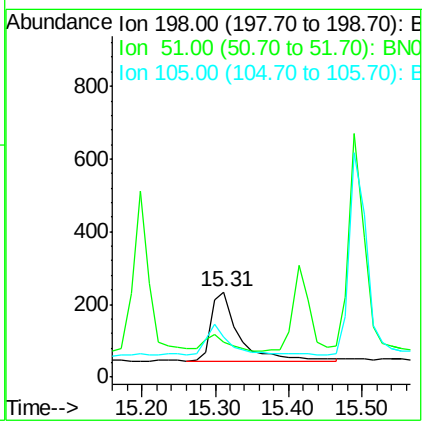


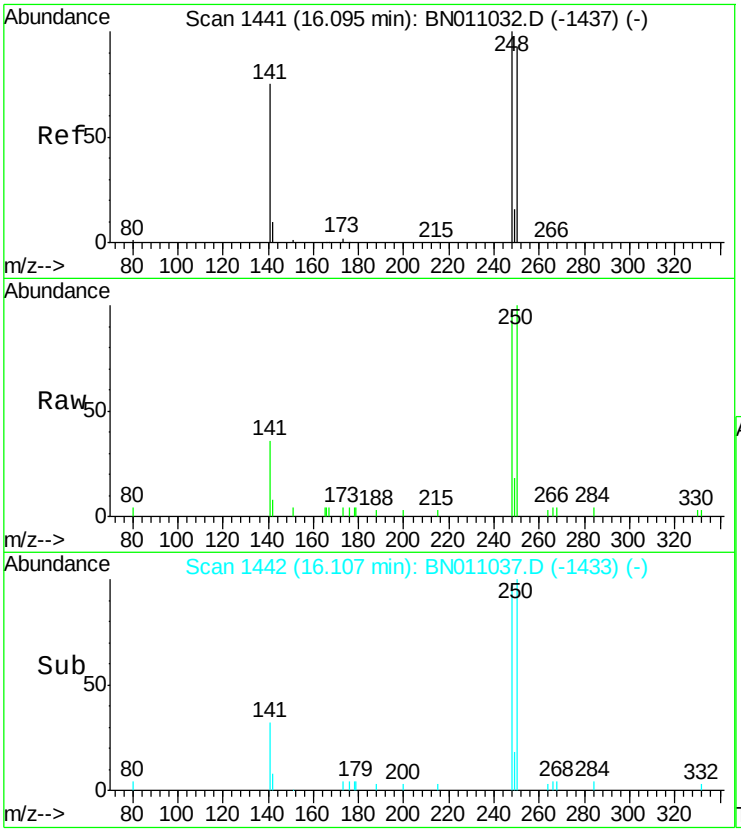


#20
4,6-Dinitro-2-methylphenol
Concen: 0.356 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:198 Resp: 487

Ion	Ratio	Lower	Upper
198	100		
51	41.0	29.5	44.3
105	46.6	39.2	58.8



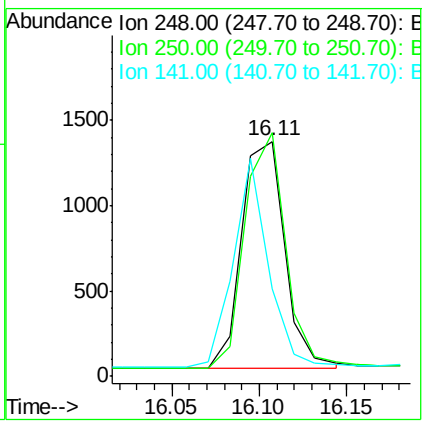


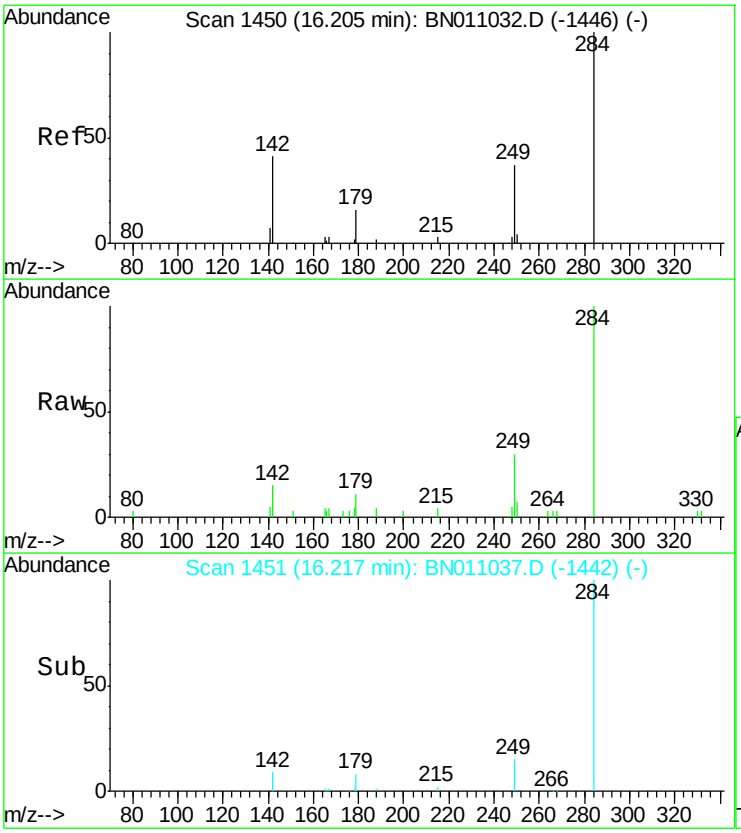
#21
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:248 Resp: 2290

Ion	Ratio	Lower	Upper
248	100		
250	103.5	74.6	111.8
141	37.1	60.9	91.3#

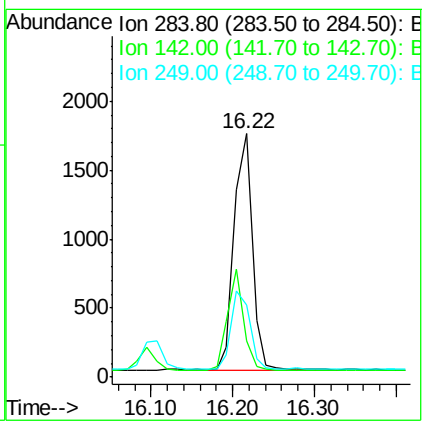


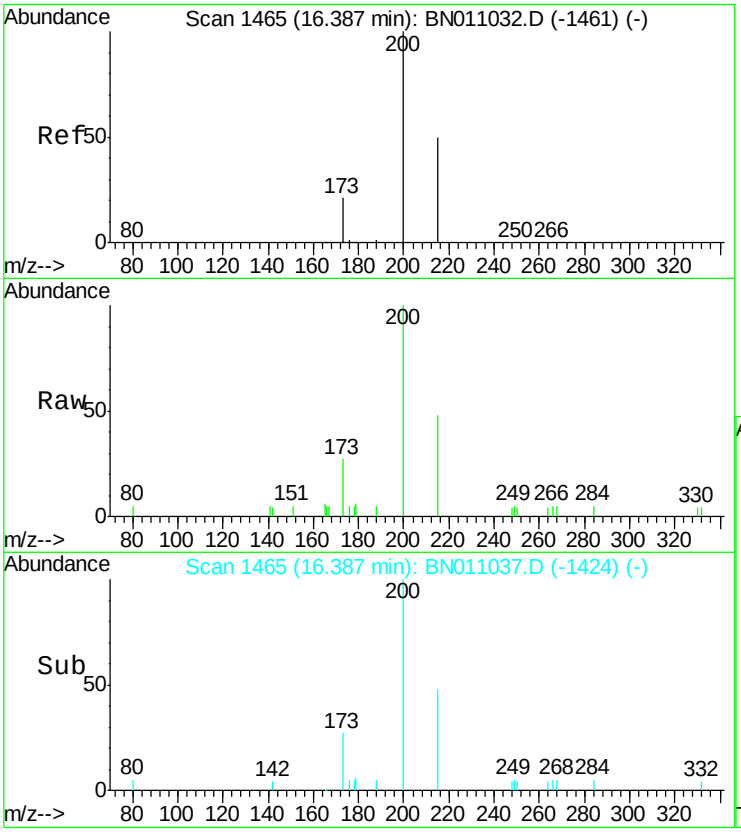


#22
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.22 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:284 Resp: 2638

Ion	Ratio	Lower	Upper
284	100		
142	37.8	30.4	45.6
249	33.8	27.0	40.4



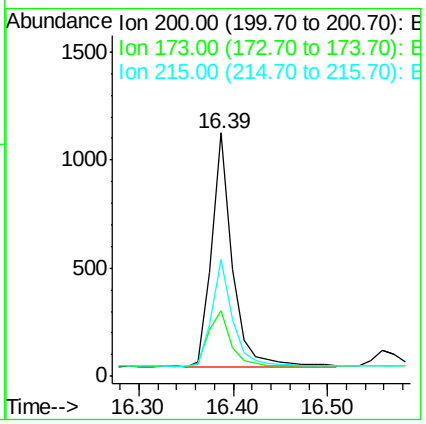


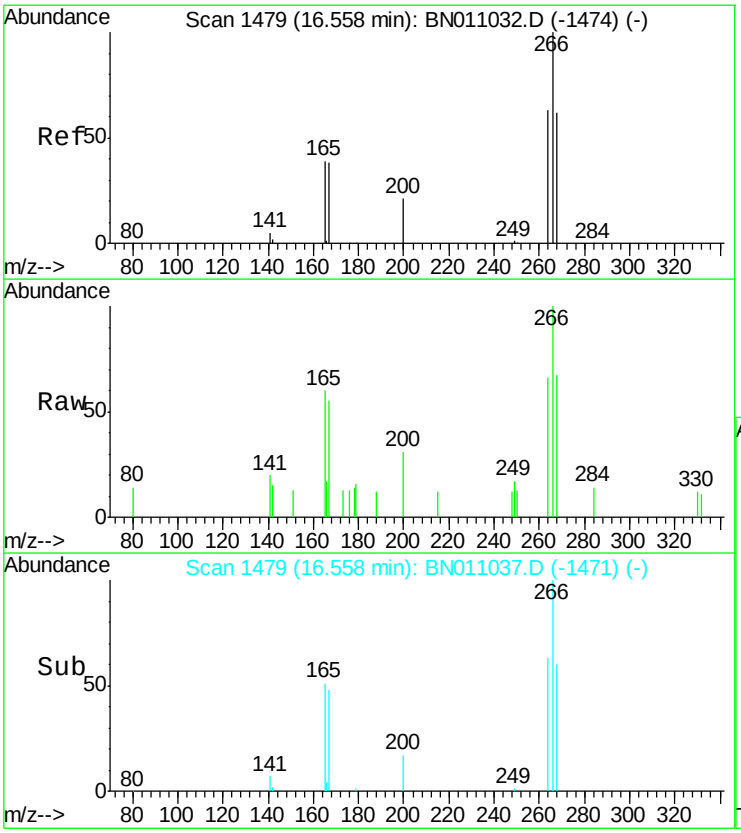
#23
Atrazine
Concen: 0.394 ng
RT: 16.39 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:200 Resp: 1647

Ion	Ratio	Lower	Upper
200	100		
173	26.9	19.4	29.2
215	47.8	41.5	62.3

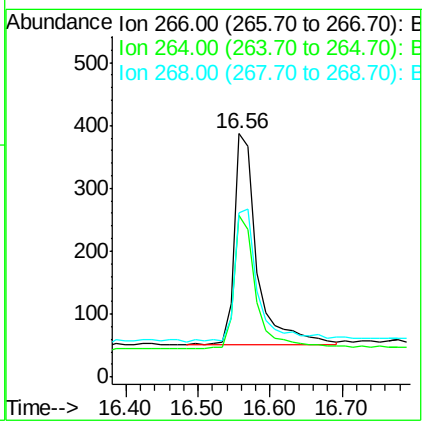


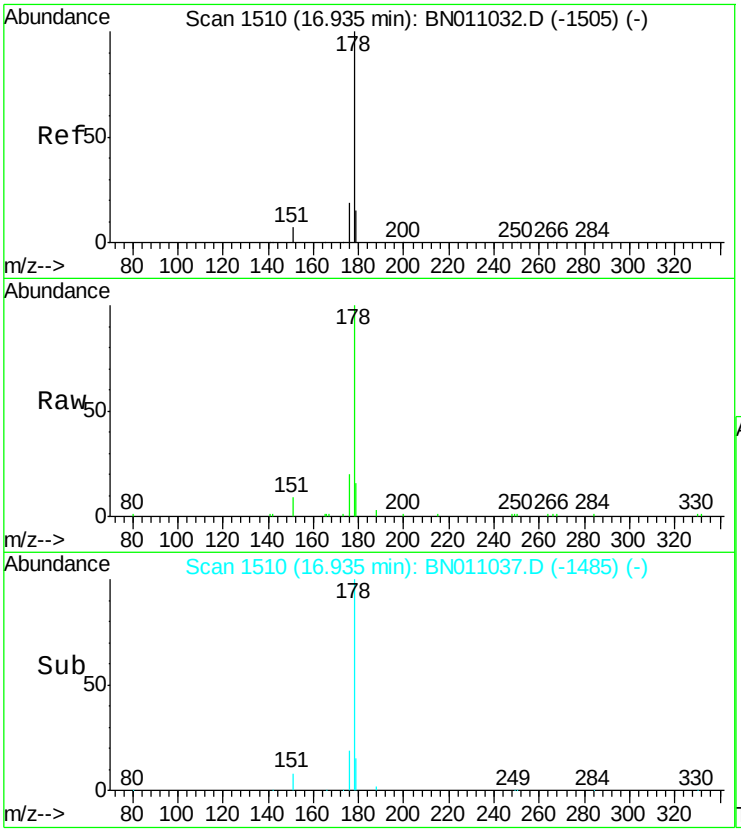


#24
Pentachlorophenol
Concen: 0.371 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:266 Resp: 733

Ion	Ratio	Lower	Upper
266	100		
264	64.0	51.4	77.0
268	66.8	54.9	82.3



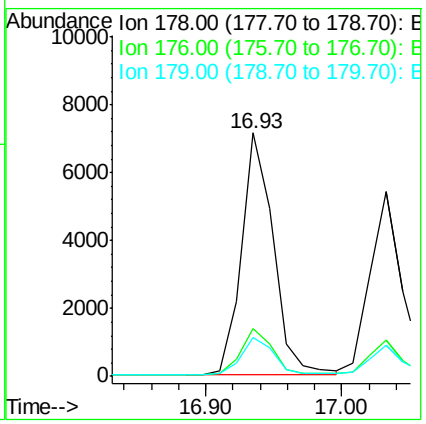


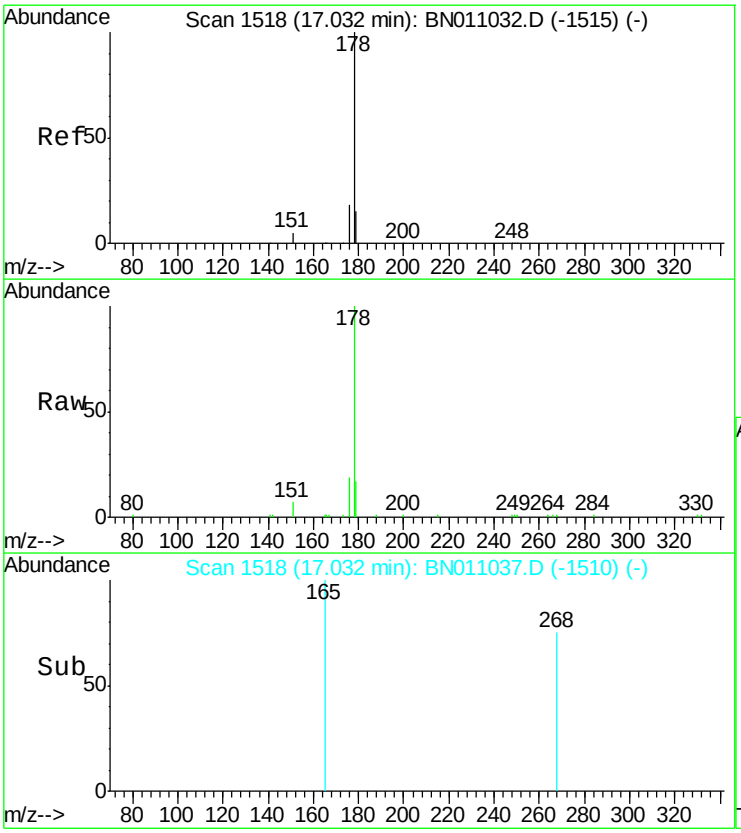
#25
Phenanthrene
Concen: 0.414 ng
RT: 16.93 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:178 Resp: 11423

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.7	12.3	18.5

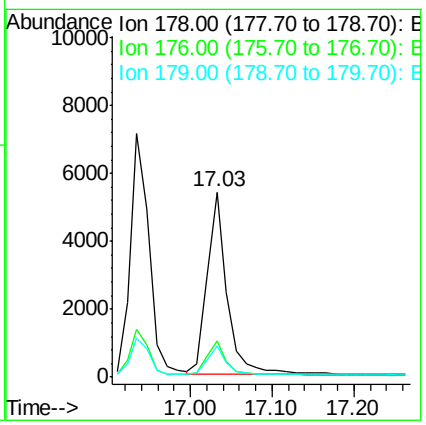


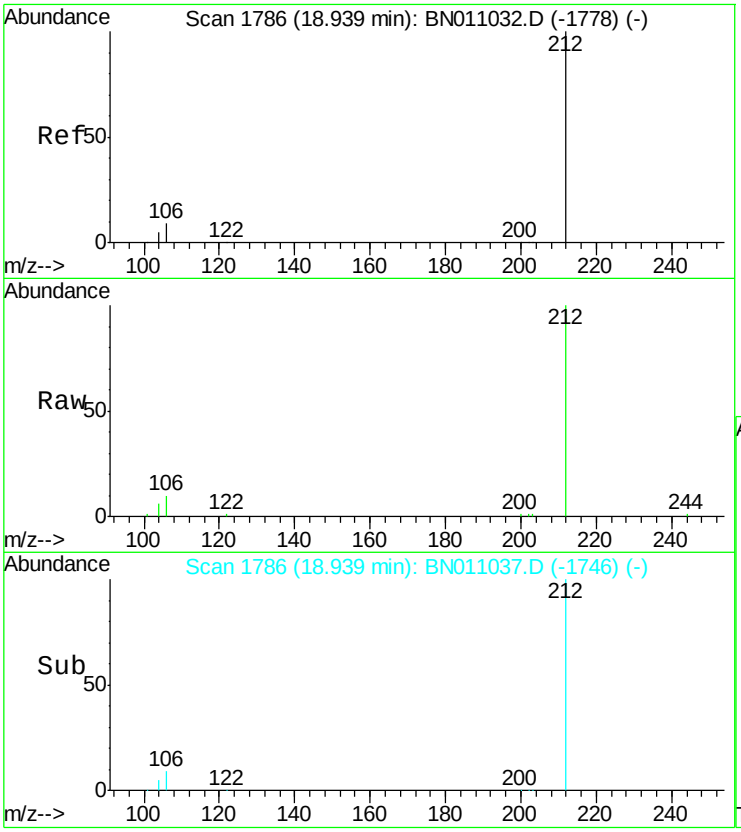


#26
Anthracene
Concen: 0.395 ng
RT: 17.03 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:178 Resp: 9036

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.8	12.2	18.4



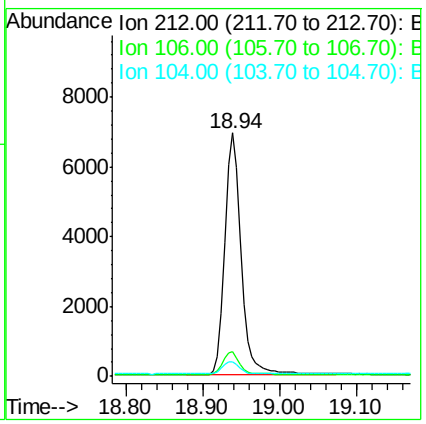


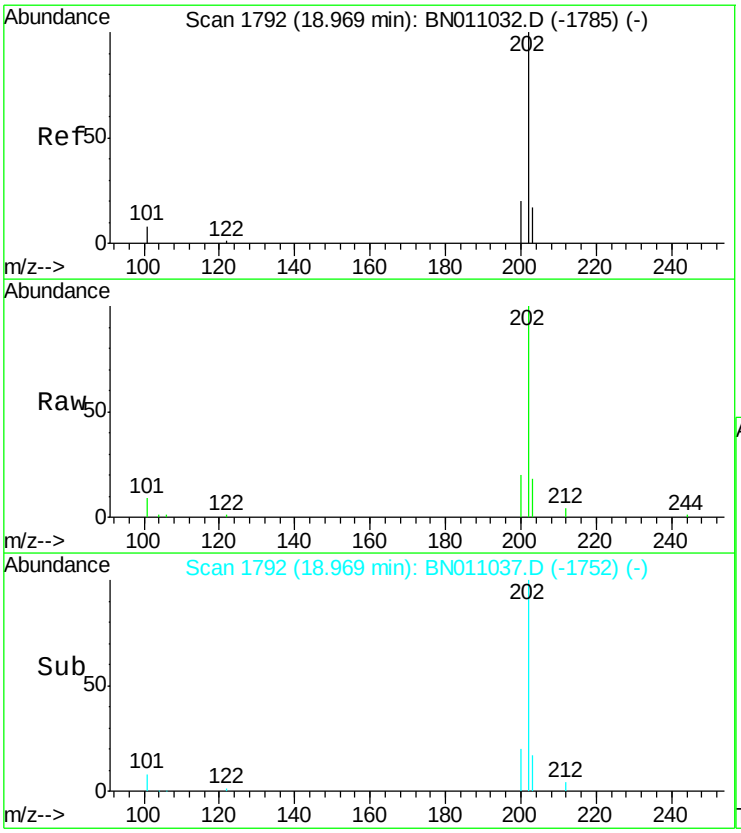
#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 18.94 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:212 Resp: 10241

Ion	Ratio	Lower	Upper
212	100		
106	9.6	7.7	11.5
104	5.4	4.6	6.8

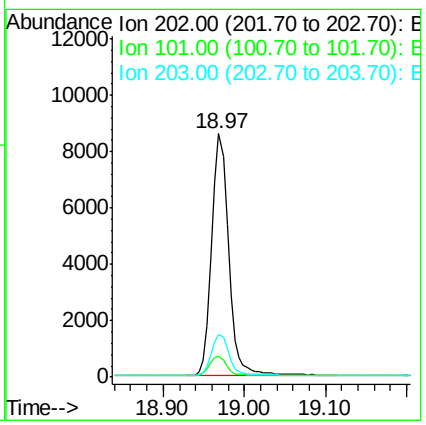


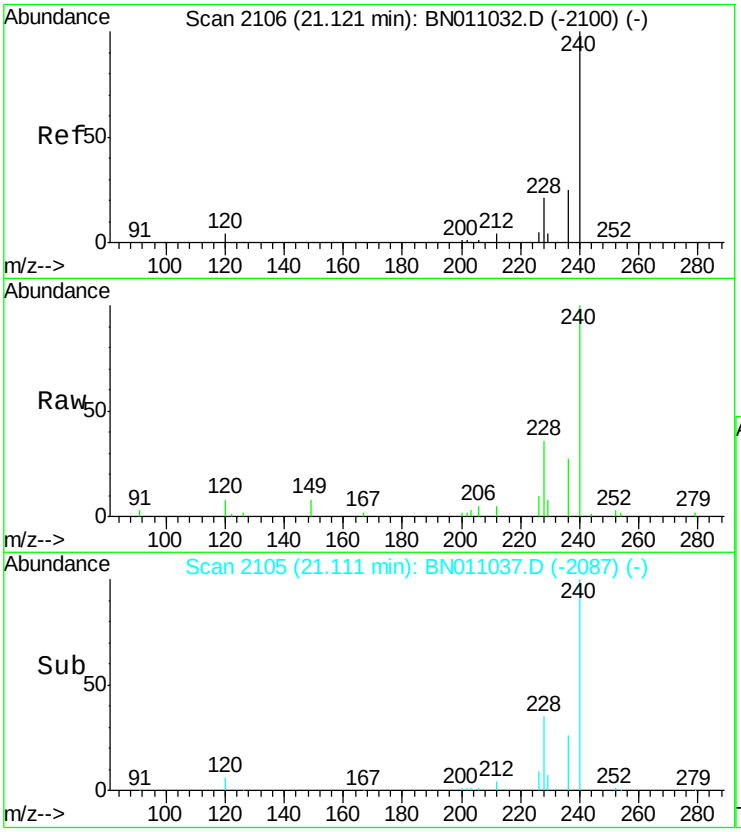


#28
Fluoranthene
Concen: 0.396 ng
RT: 18.97 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:202 Resp: 12477

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	10.0
203	17.1	13.8	20.6



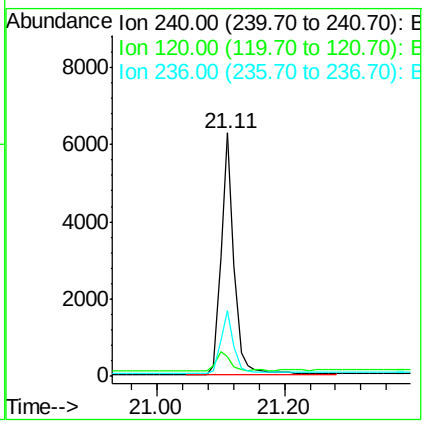


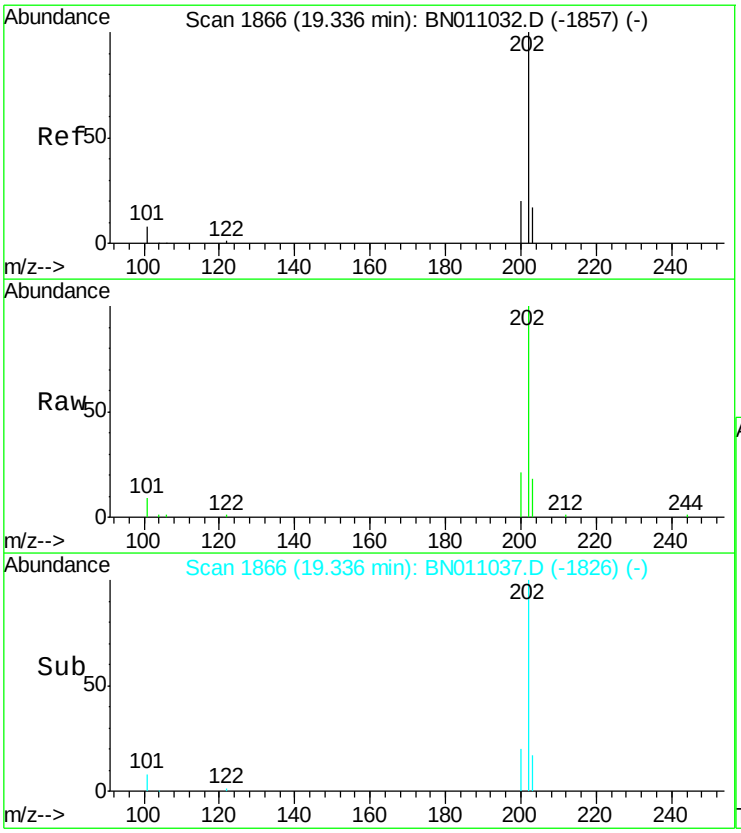
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:240 Resp: 8735

Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.4	8.0
236	27.2	21.4	32.2

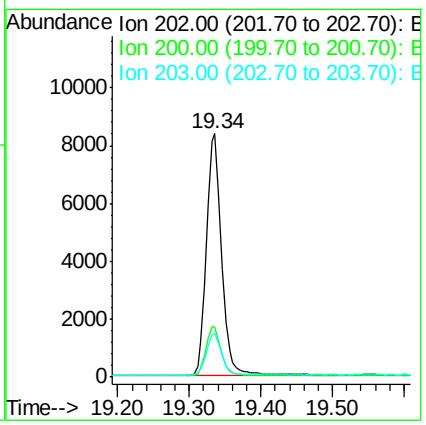


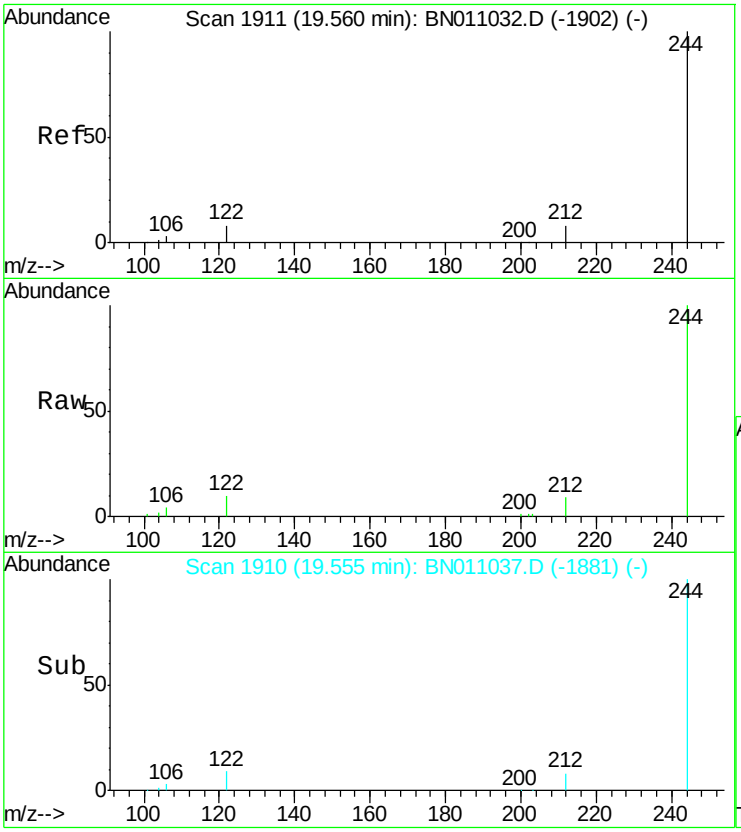


#30
Pyrene
Concen: 0.369 ng
RT: 19.34 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:202 Resp: 12411

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.4	14.2	21.2



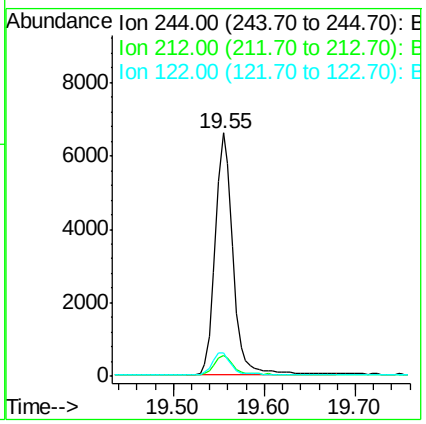


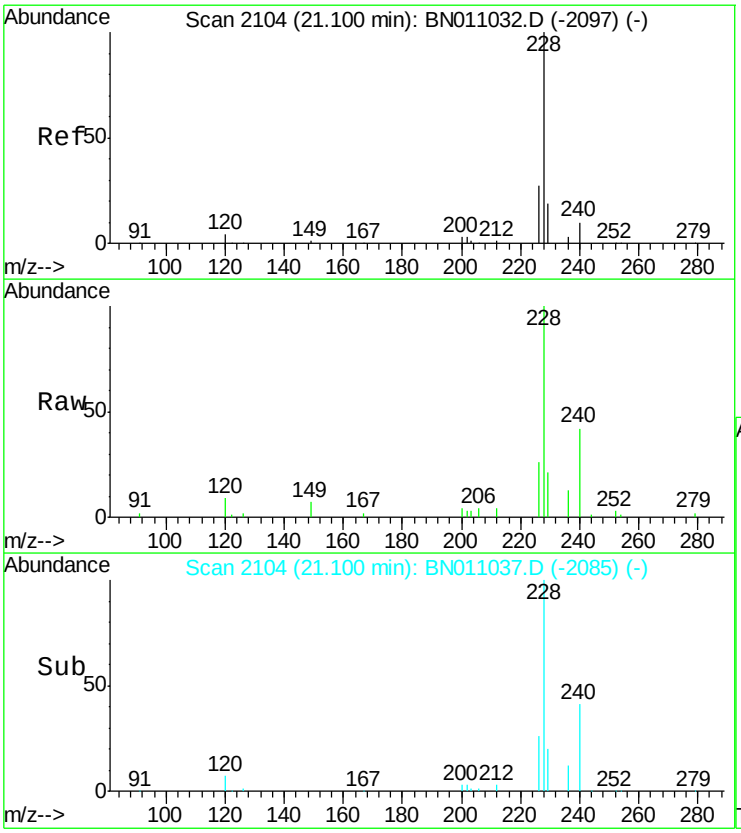
#31
Terphenyl-d14
Concen: 0.374 ng
RT: 19.55 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:244 Resp: 8779

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	9.7	7.4	11.0

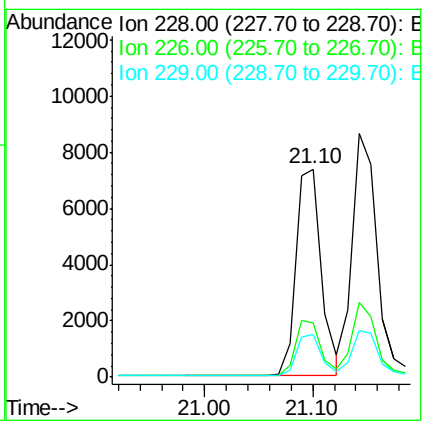


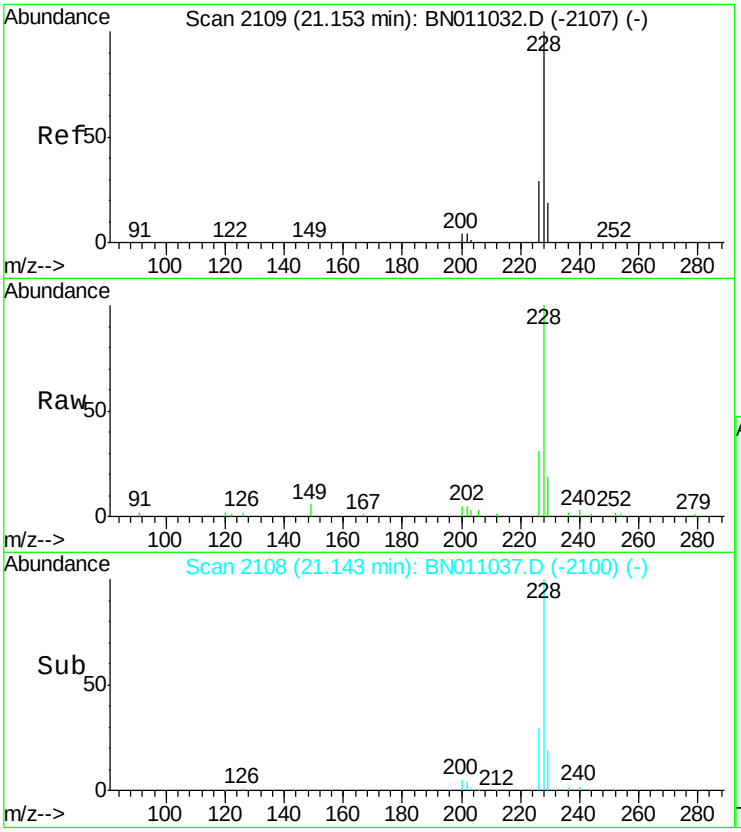


#32
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.10 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:228 Resp: 11907

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.0	33.0
229	20.8	15.9	23.9



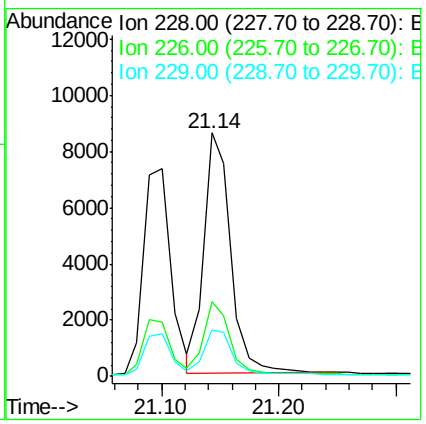


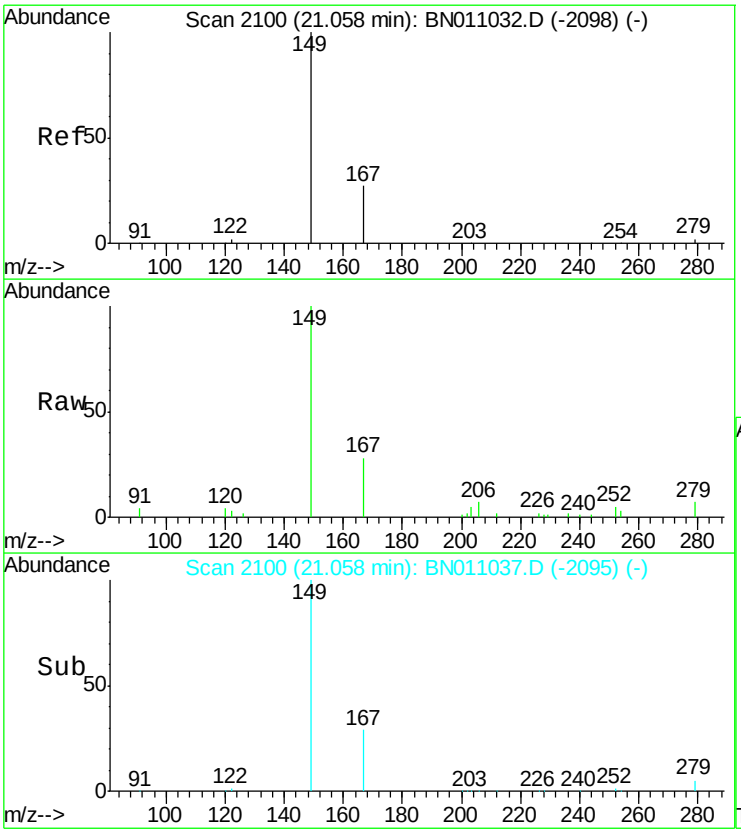
#33
Chrysene
Concen: 0.413 ng
RT: 21.14 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:228 Resp: 13612

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	19.2	15.8	23.6

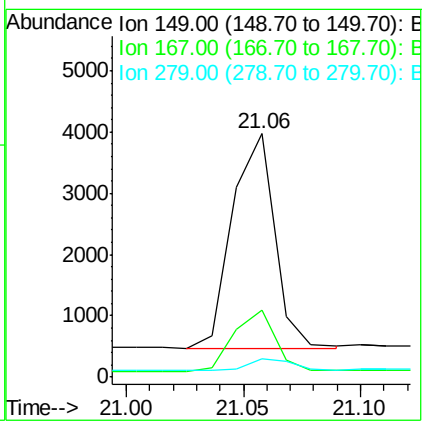


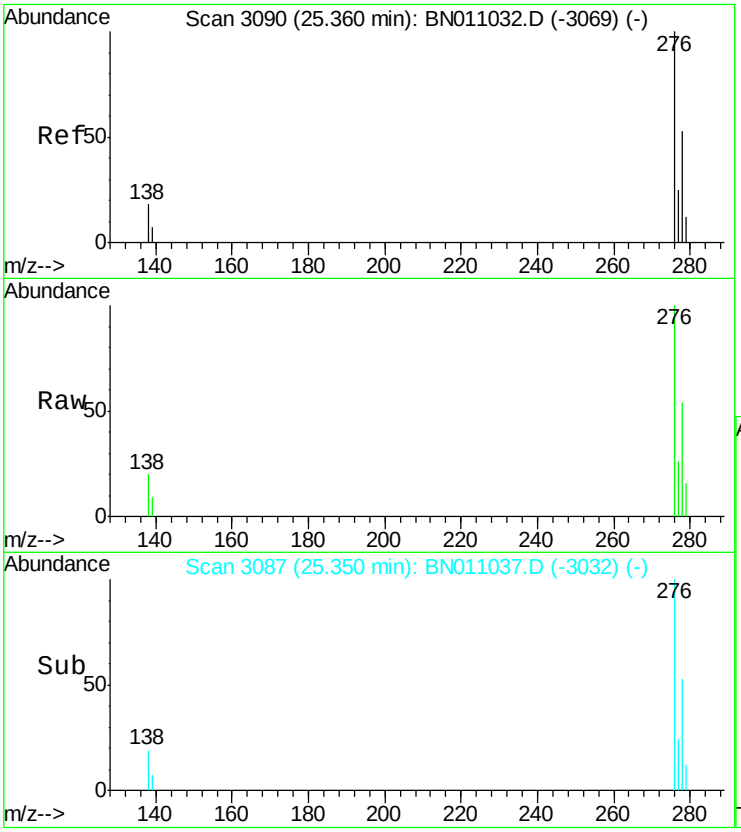


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.06 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:149 Resp: 4419

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.2
279	5.0	3.9	5.9



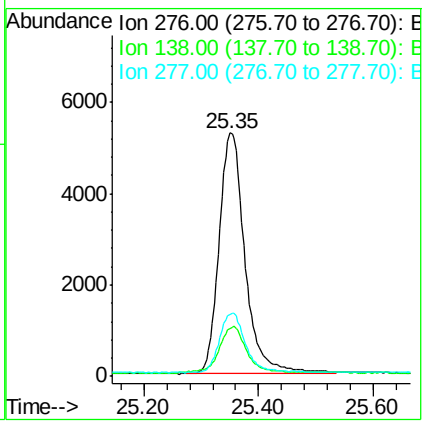


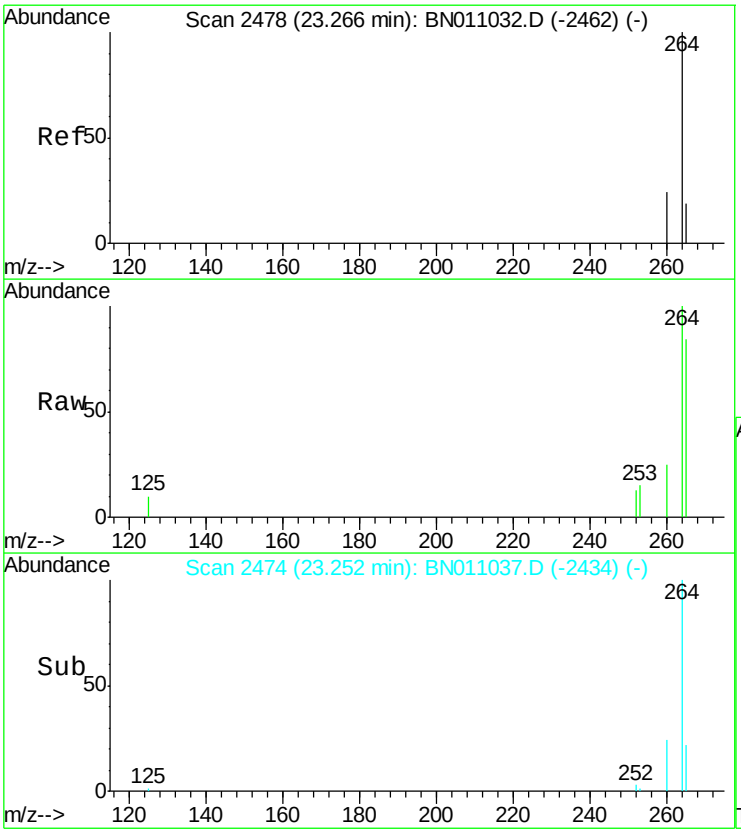
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.454 ng
RT: 25.35 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:276 Resp: 16670

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.2	24.2
277	24.8	19.9	29.9

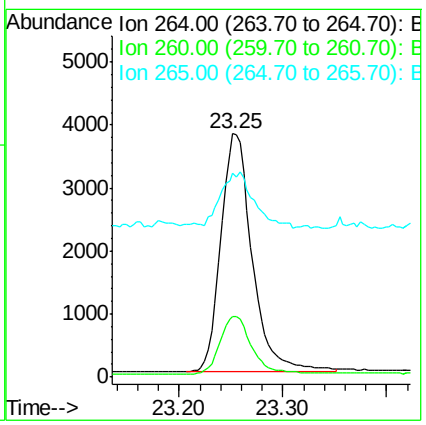


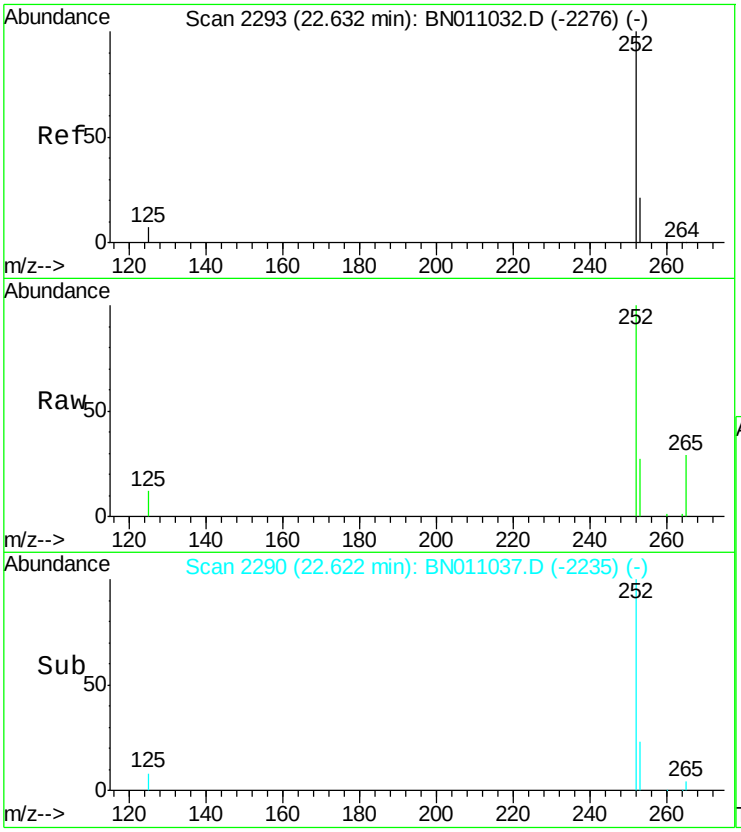


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:264 Resp: 7933

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	83.7	64.9	97.3



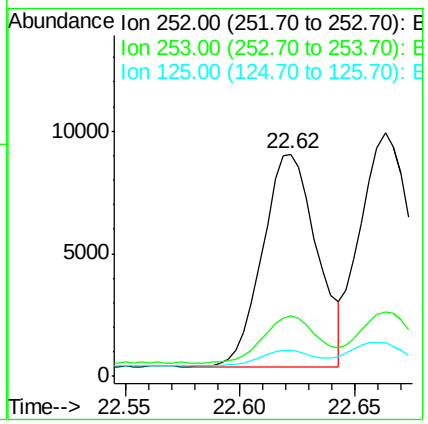


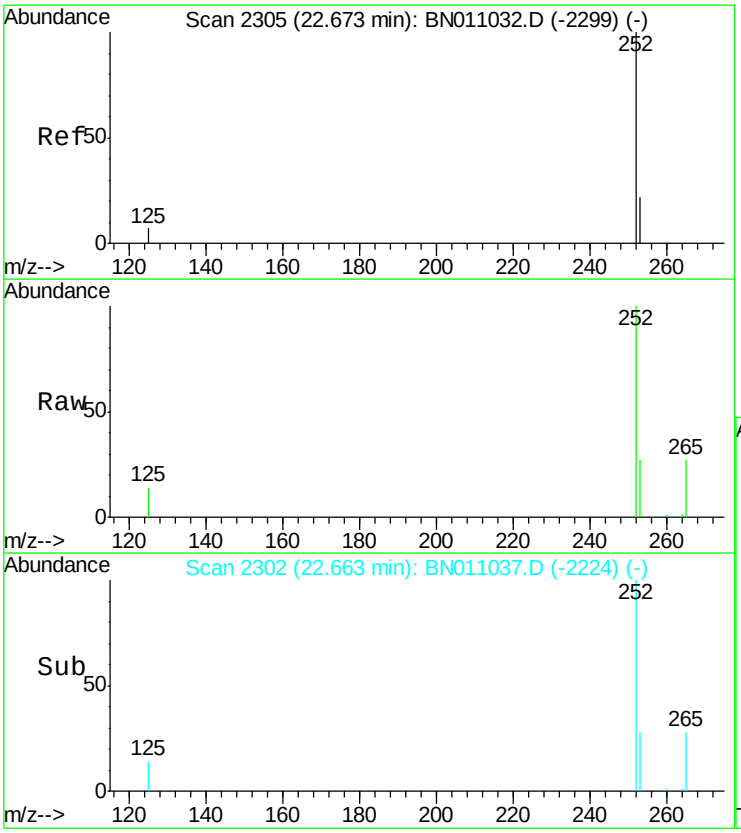
#37
Benzo(b)fluoranthene
Concen: 0.455 ng
RT: 22.62 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:252 Resp: 14283

Ion	Ratio	Lower	Upper
252	100		
253	27.1	21.4	32.0
125	11.9	9.3	13.9

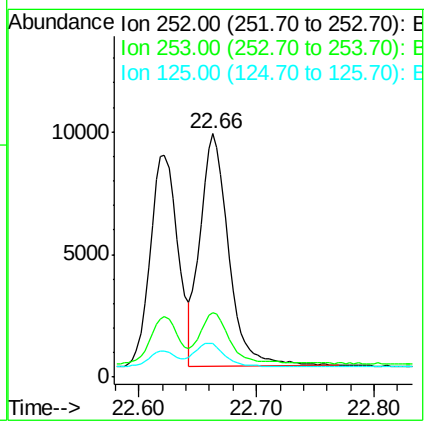


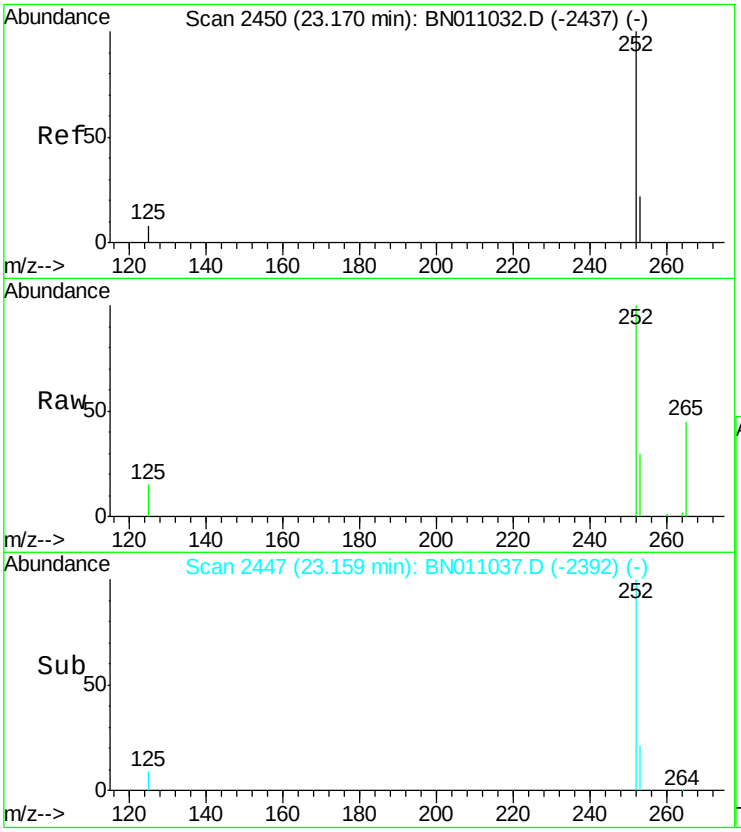


#38
Benzo(k)fluoranthene
Concen: 0.488 ng
RT: 22.66 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:252 Resp: 15933

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.8	32.6
125	13.8	9.8	14.6



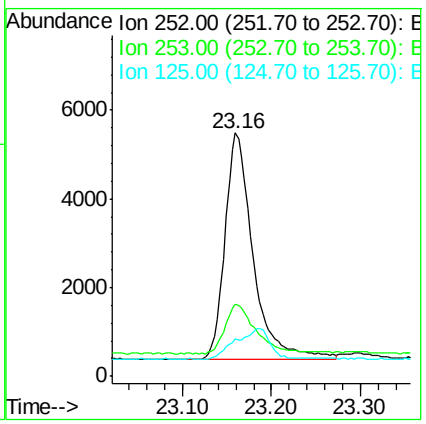


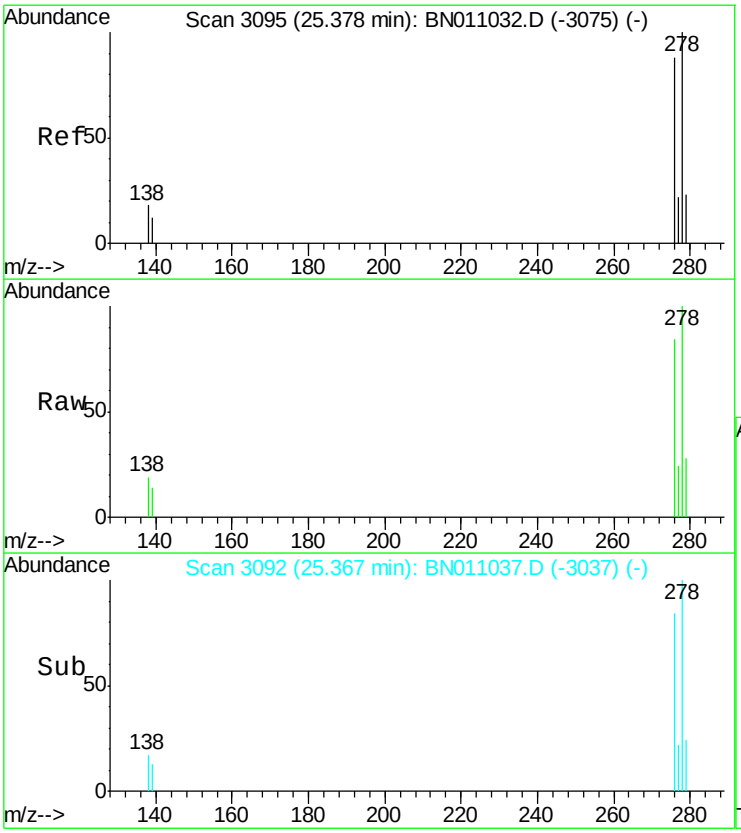
#39
Benzo(a)pyrene
Concen: 0.405 ng
RT: 23.16 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:252 Resp: 11280

Ion	Ratio	Lower	Upper
252	100		
253	29.6	23.1	34.7
125	15.3	11.2	16.8

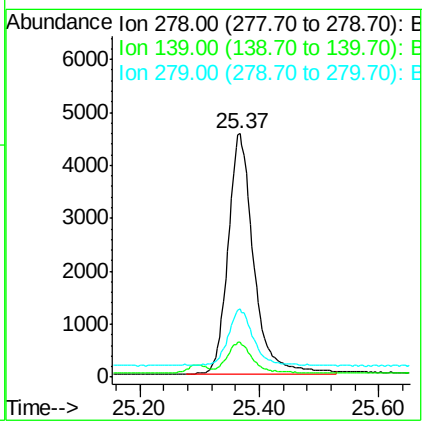


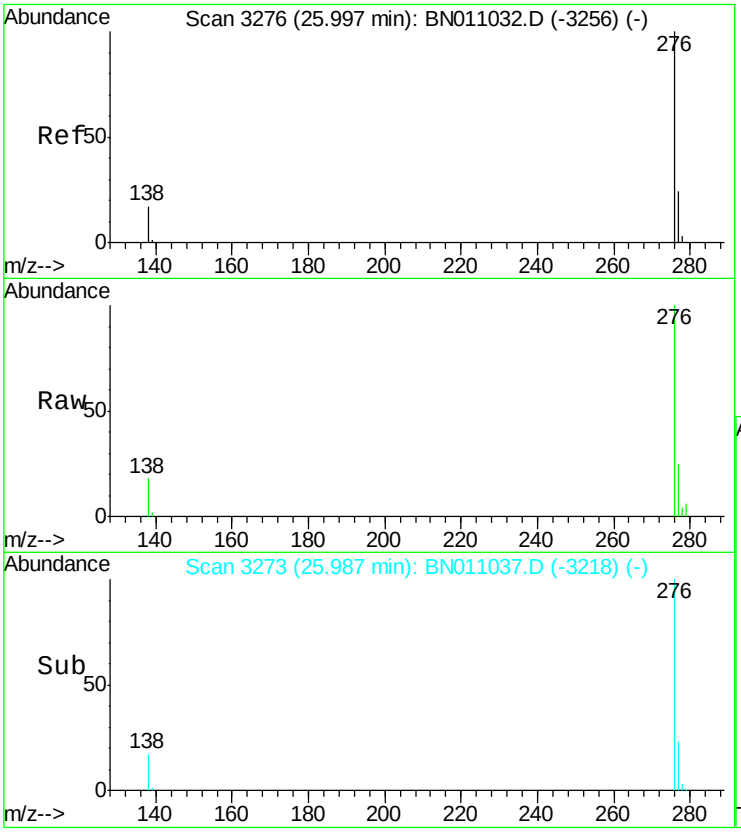


#40
Dibenzo(a,h)anthracene
Concen: 0.447 ng
RT: 25.37 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:278 Resp: 13420

Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.2	16.8
279	28.2	22.6	34.0





#41
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 25.99 min Scan# 3273
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tgt Ion:276 Resp: 12530

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.4	30.6
138	18.2	15.1	22.7