Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
Data File : BN011397.D
Acq On : 07 Aug 2020 14:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 07 15:10:40 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	1027	0.40	ng		-0.02
7) Naphthalene-d8	10.20	136	3674	0.40	ng		-0.01
13) Acenaphthene-d10	14.08	164	1968	0.40	ng		-0.01
19) Phenanthrene-d10	16.85	188	4824	0.40	ng		0.00
29) Chrysene-d12	21.06	240	4576	0.40	ng		-0.01
36) Perylene-d12	23.18	264	4330	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.11	112	923	0.34	ng		-0.02
5) Phenol-d6	6.66	99	1017	0.31	ng		0.00
8) Nitrobenzene-d5	8.60	82	863	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	11.80	152	2108	0.31	ng		-0.01
14) 2,4,6-Tribromophenol	15.60	330	290	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.69	172	3035	0.36	ng		-0.01
27) Fluoranthene-d10	18.88	212	4645	0.32	ng		0.00
31) Terphenyl-d14	19.50	244	3914	0.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	550	0.380	ng		97
3) n-Nitrosodimethylamine	3.50	42	208	0.281	ng	#	93
6) bis(2-Chloroethyl)ether	6.91	93	832	0.305	ng		95
9) Naphthalene	10.25	128	3756	0.345	ng		99
10) Hexachlorobutadiene	10.54	225	996	0.377	ng	#	98
12) 2-Methylnaphthalene	11.87	142	2306	0.298	ng		97
16) Acenaphthylene	13.80	152	3641	0.359	ng		99
17) Acenaphthene	14.14	154	2299	0.348	ng		99
18) Fluorene	15.14	166	2921	0.345	ng		97
20) 4,6-Dinitro-2-methylphenol	15.28	198	135	0.327	ng	#	81
21) 4-Bromophenyl-phenylether	16.04	248	842	0.263	ng		98
22) Hexachlorobenzene	16.15	284	1153	0.318	ng		94
23) Atrazine	16.34	200	707	0.284	ng	#	92
24) Pentachlorophenol	16.51	266	326	0.290	ng		94
25) Phenanthrene	16.88	178	5669	0.361	ng		100
26) Anthracene	16.98	178	4494	0.344	ng		98
28) Fluoranthene	18.92	202	5577	0.312	ng		98
30) Pyrene	19.28	202	5551	0.269	ng		100
32) Benzo(a)anthracene	21.05	228	5767	0.376	ng		99
33) Chrysene	21.10	228	6322	0.368	ng		99
34) Bis(2-ethylhexyl)phthalate	21.00	149	2252	0.274	ng	#	99
35) Indeno(1,2,3-cd)pyrene	25.25	276	7654	0.456	ng		99
37) Benzo(b)fluoranthene	22.56	252	5925	0.343	ng		98
38) Benzo(k)fluoranthene	22.60	252	6347	0.334	ng		96
39) Benzo(a)pyrene	23.09	252	5234	0.349	ng		99
40) Dibenzo(a,h)anthracene	25.26	278	6254	0.403	ng		98
41) Benzo(g,h,i)perylene	25.87	276	6317	0.368	ng		98

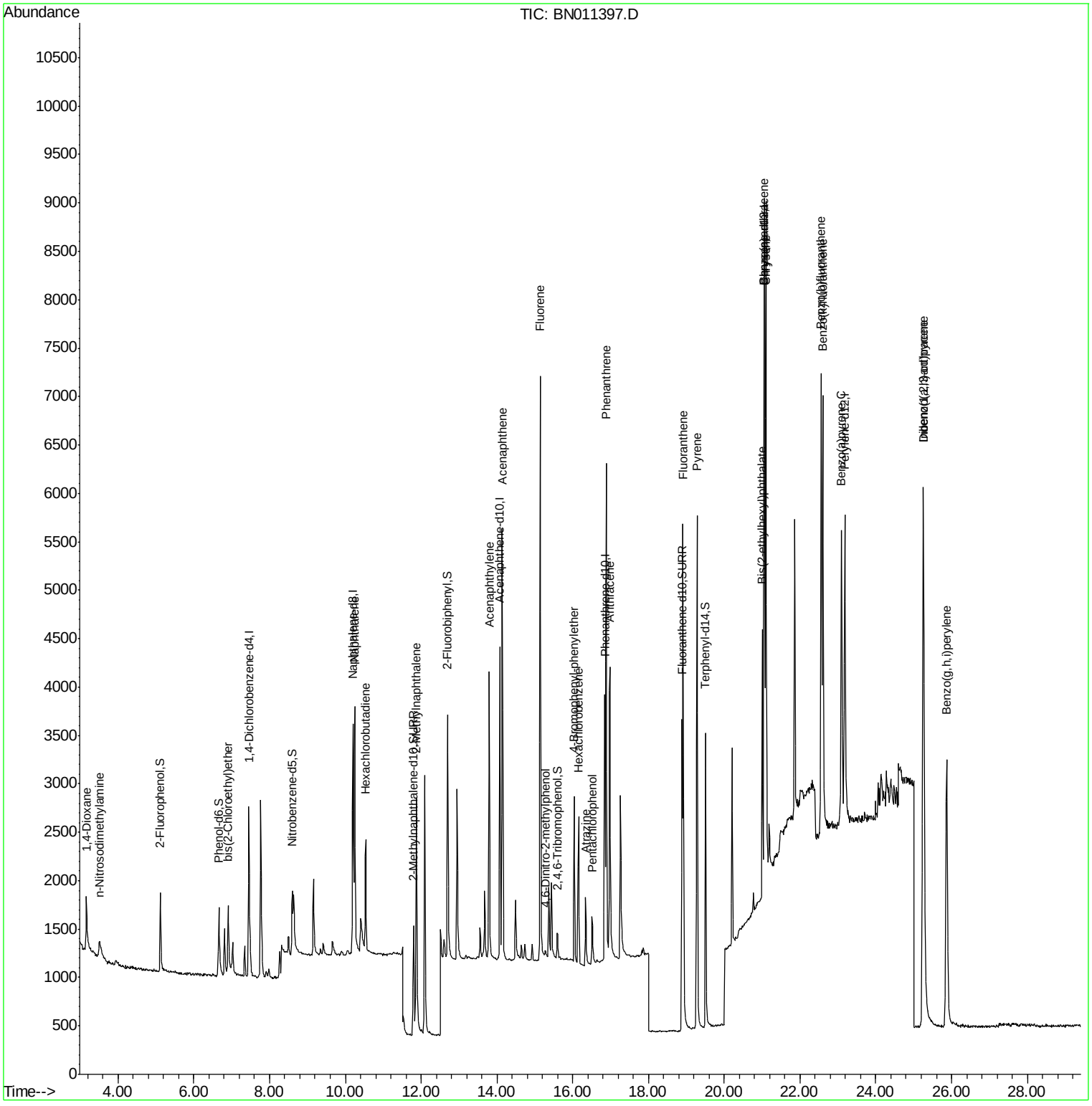
(#) = qualifier out of range (m) = manual integration (+) = signals summed

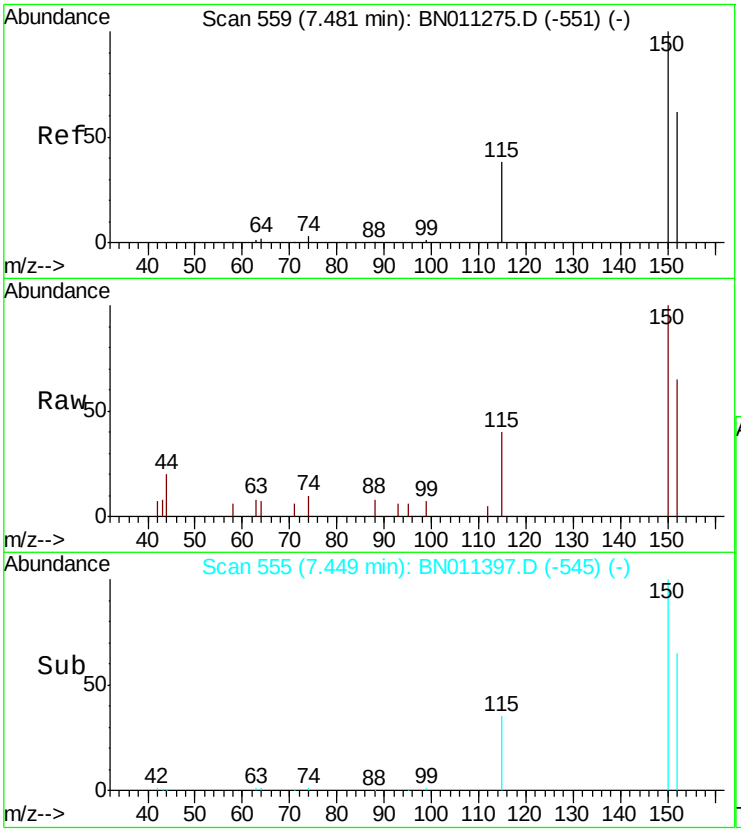
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
Data File : BN011397.D
Acq On : 07 Aug 2020 14:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 07 15:10:40 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



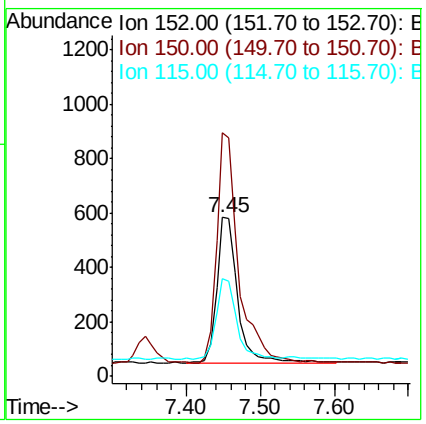


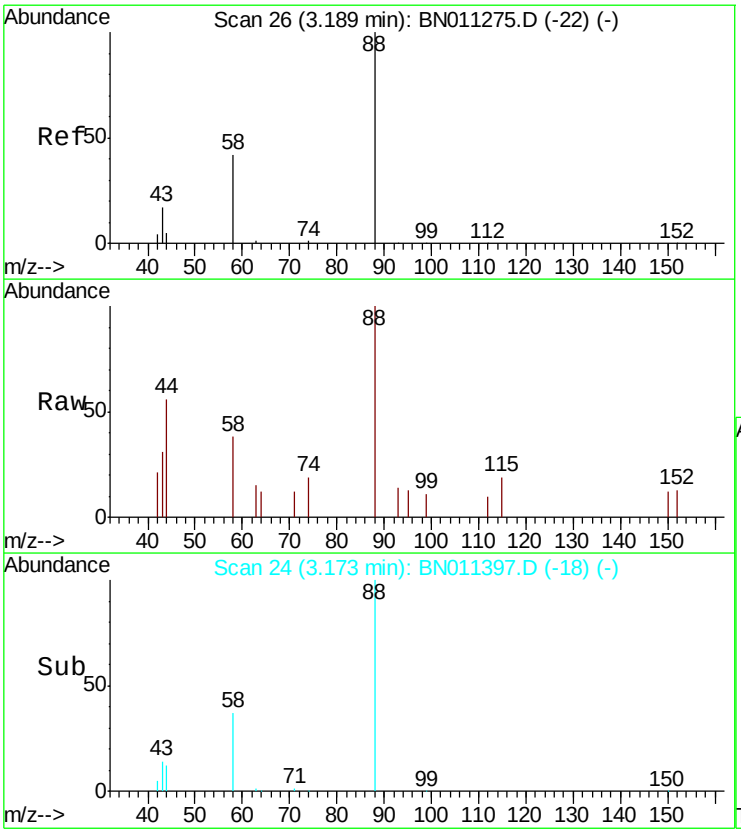
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.45 min Scan# 555
Delta R.T. -0.02 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1027

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.5	189.7
115	61.6	51.9	77.9

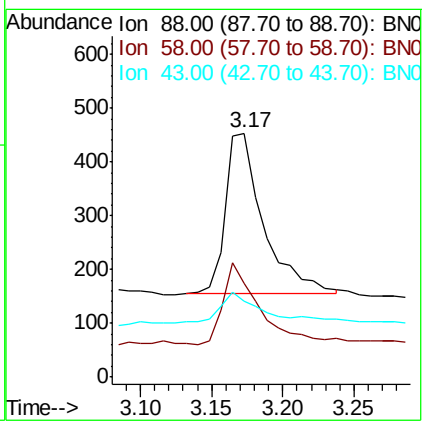


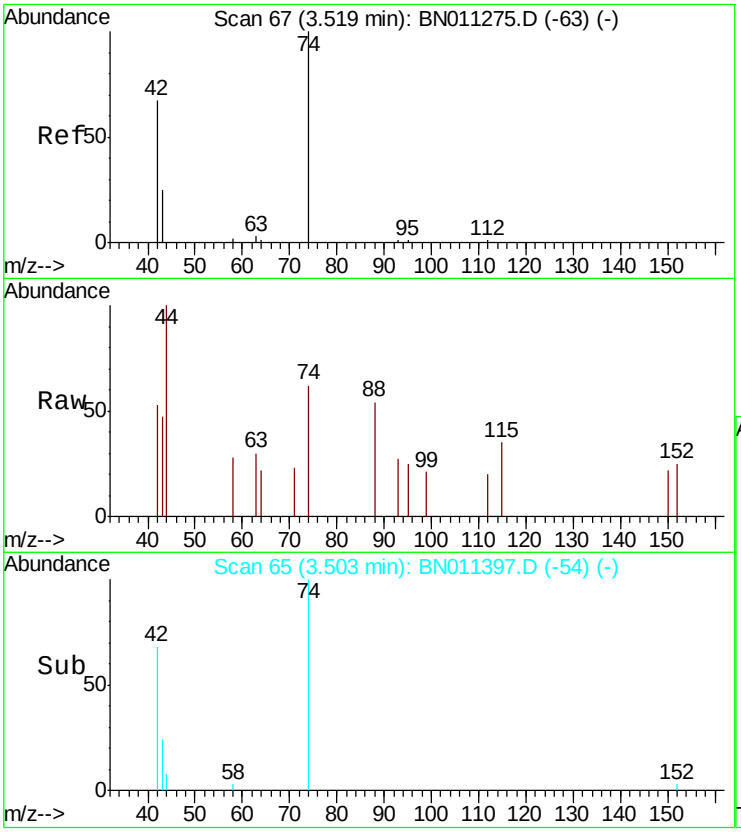


#2
1,4-Dioxane
Concen: 0.380 ng
RT: 3.17 min Scan# 24
Delta R.T. -0.00 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion: 88 Resp: 550

Ion	Ratio	Lower	Upper
88	100		
58	47.8	36.5	54.7
43	19.5	16.1	24.1



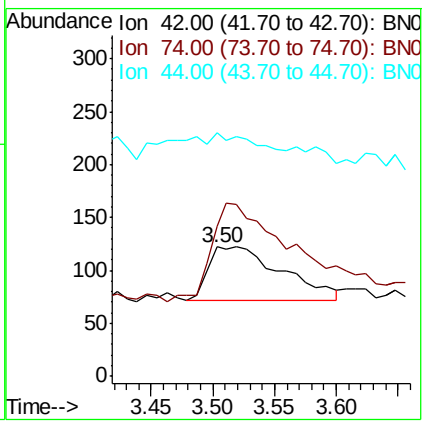


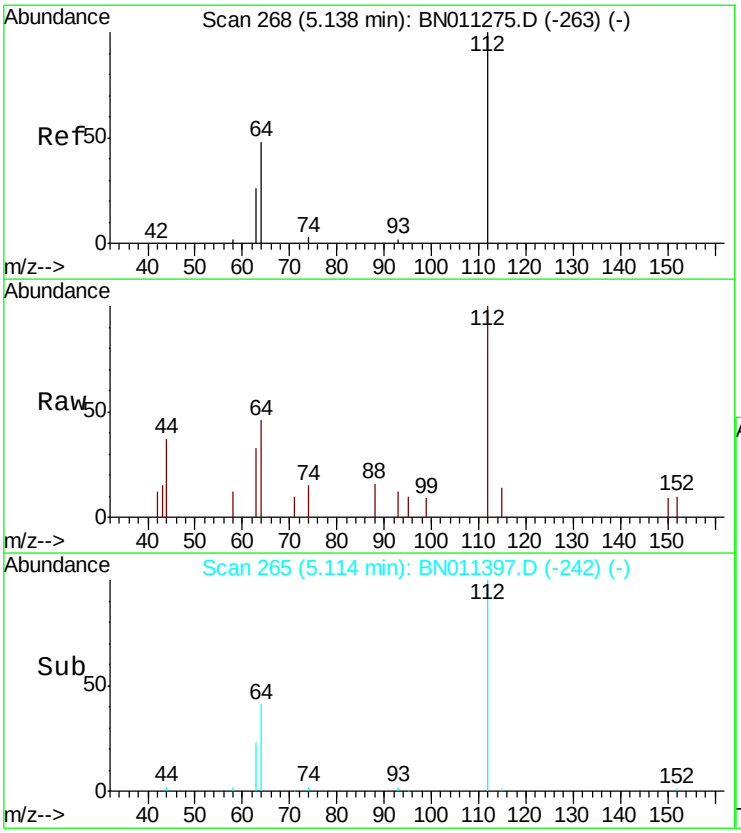
#3
n-Nitrosodimethylamine
Concen: 0.281 ng
RT: 3.50 min Scan# 65
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 208

Ion	Ratio	Lower	Upper
42	100		
74	187.0	144.2	216.2
44	0.0	11.1	16.7#

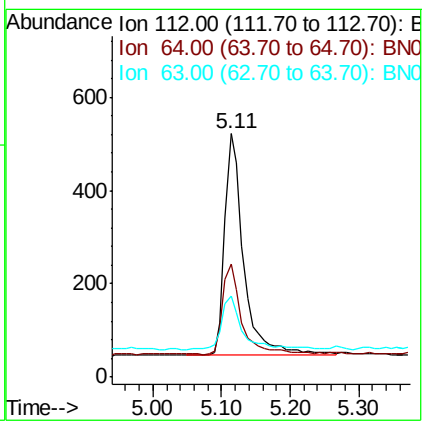


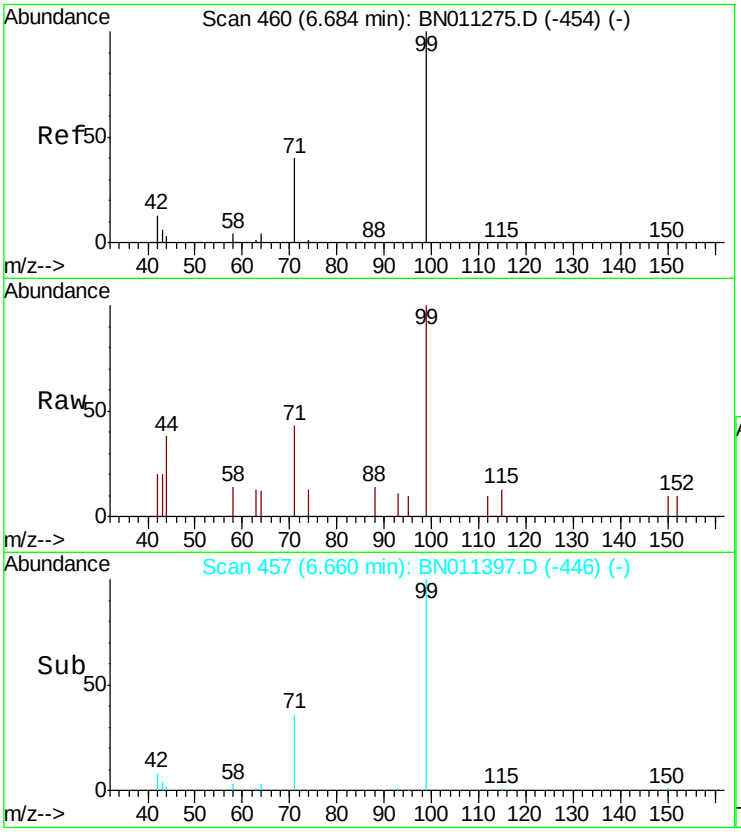


#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.11 min Scan# 265
Delta R.T. -0.02 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:112 Resp: 923

Ion	Ratio	Lower	Upper
112	100		
64	41.0	35.8	53.6
63	26.8	19.3	28.9



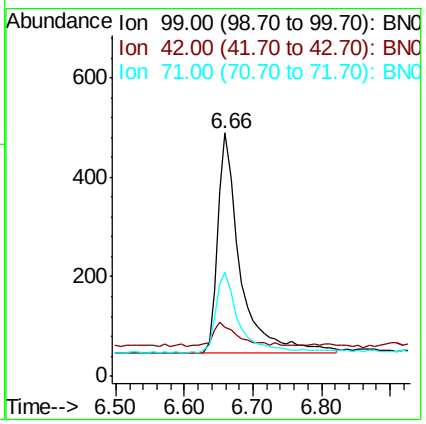


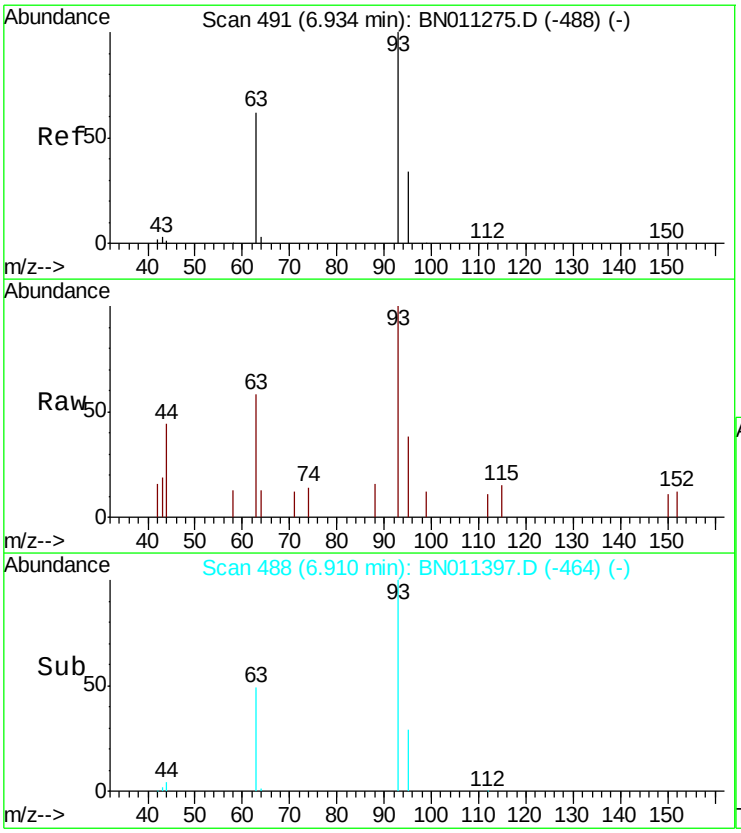
#5
Phenol-d6
Concen: 0.310 ng
RT: 6.66 min Scan# 457
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1017

Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.2	16.8
71	36.2	30.6	45.8

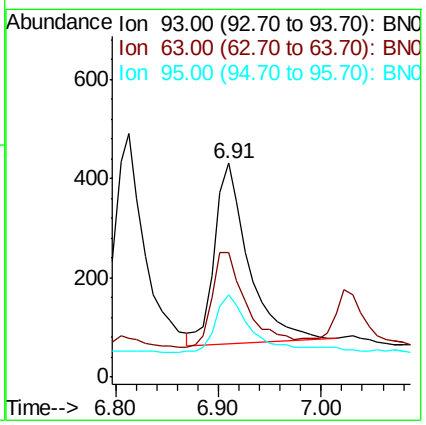


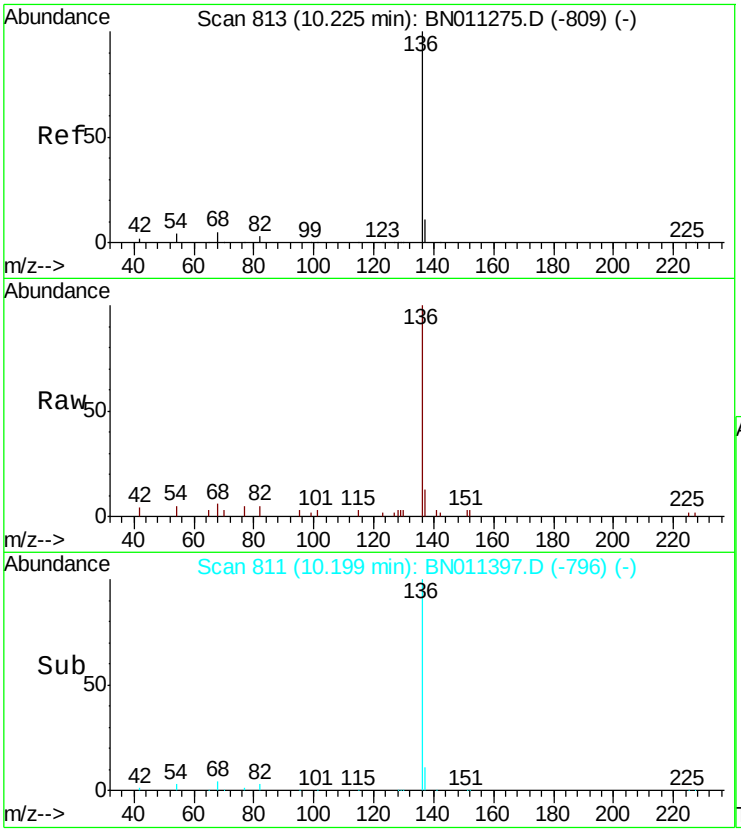


#6
bis(2-Chloroethyl)ether
Concen: 0.305 ng
RT: 6.91 min Scan# 488
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion: 93 Resp: 832

Ion	Ratio	Lower	Upper
93	100		
63	55.8	47.8	71.6
95	31.9	27.1	40.7



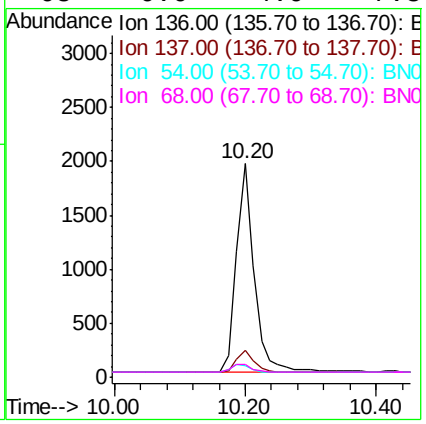


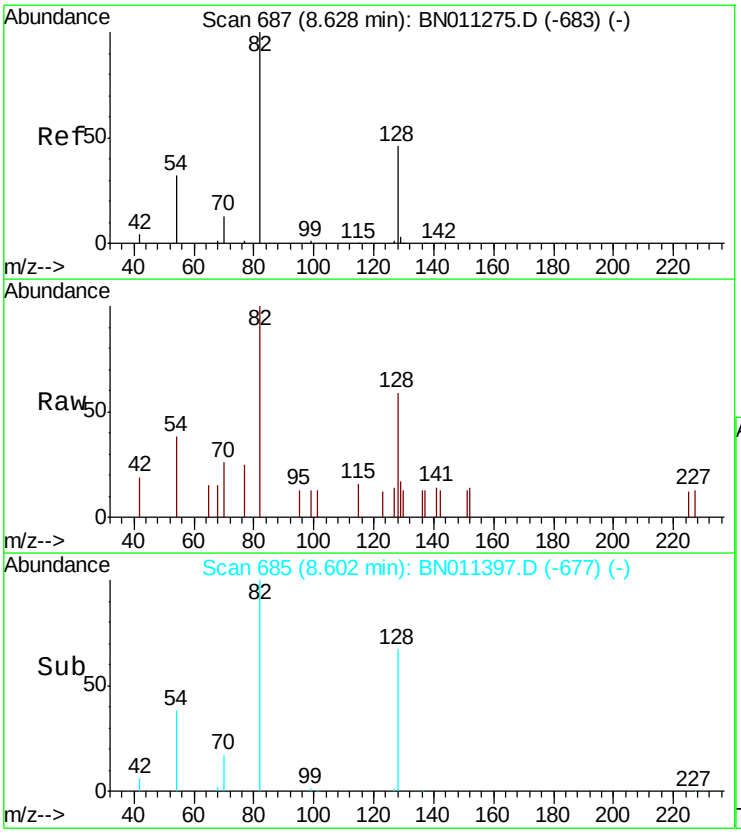
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.20 min Scan# 811
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 3674

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.9	14.9
54	5.3	4.8	7.2
68	6.0	4.9	7.3

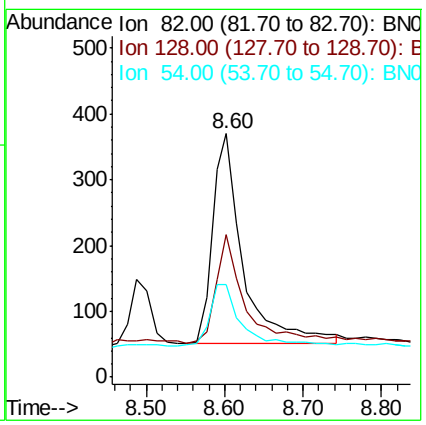


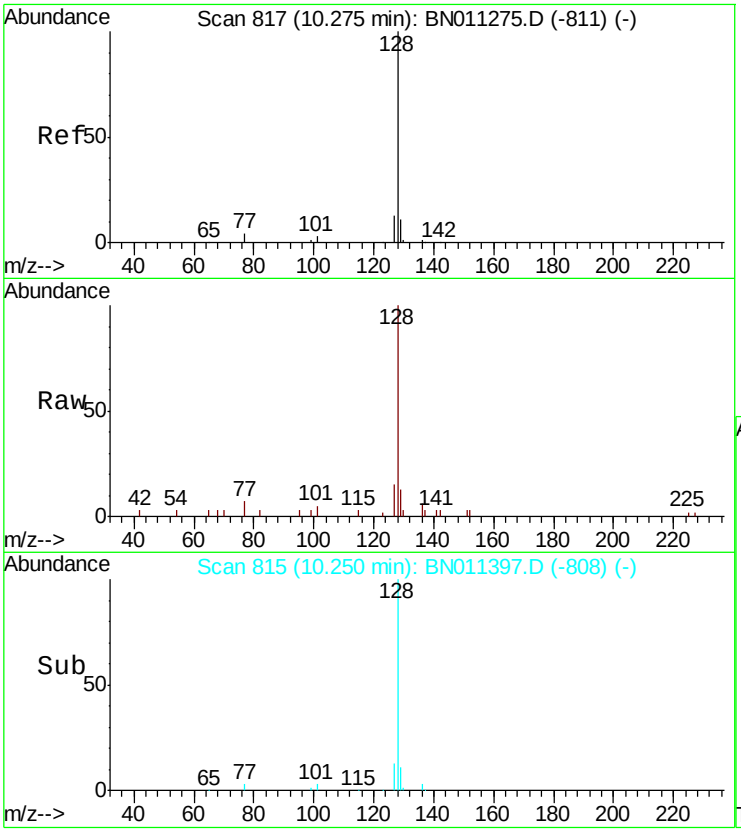


#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.60 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion: 82 Resp: 863

Ion	Ratio	Lower	Upper
82	100		
128	58.6	40.1	60.1
54	37.8	29.0	43.6



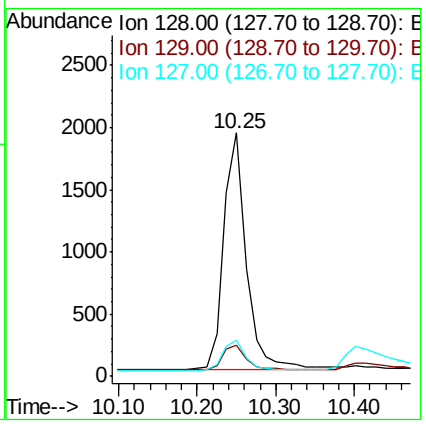


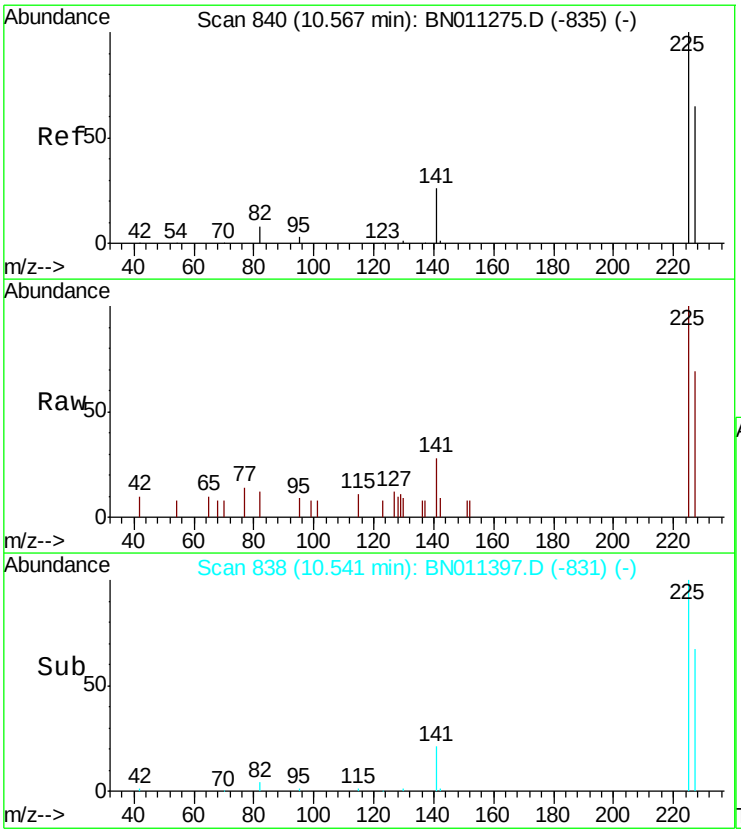
#9
Naphthalene
Concen: 0.345 ng
RT: 10.25 min Scan# 815
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 3756

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.7	14.5
127	14.8	11.5	17.3

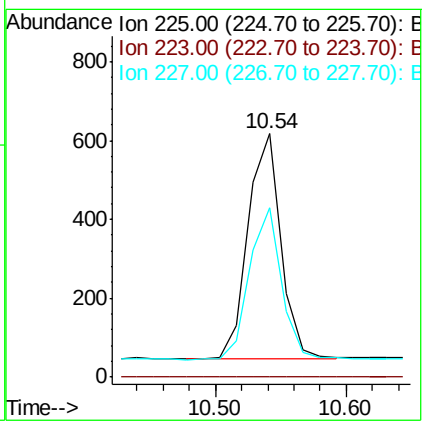


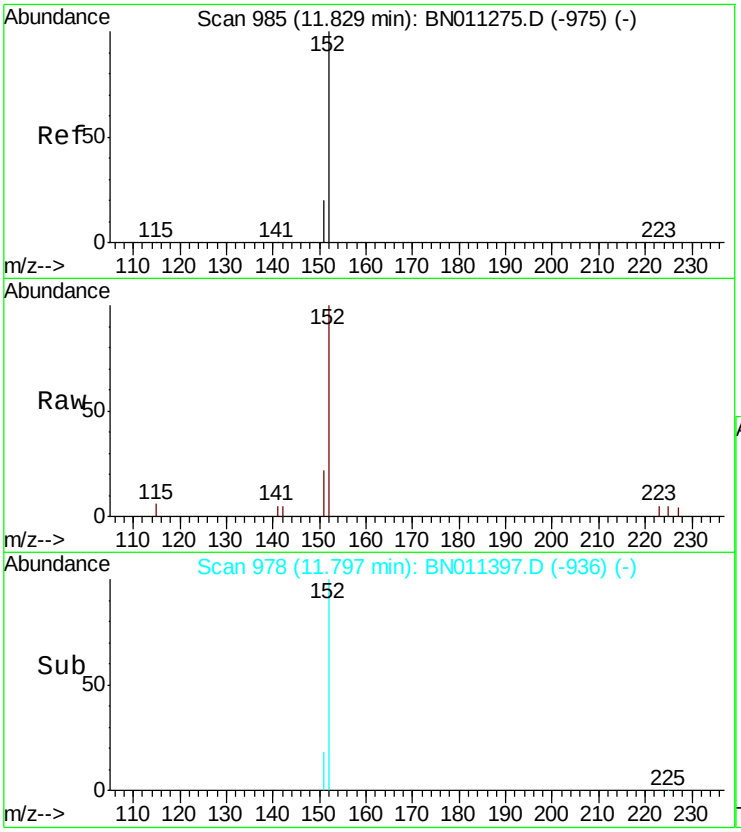


#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 10.54 min Scan# 838
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:225 Resp: 996

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.9	51.7	77.5



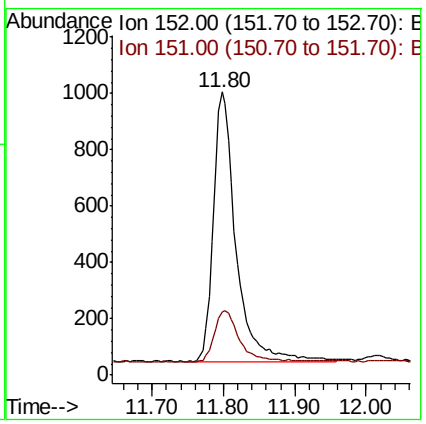


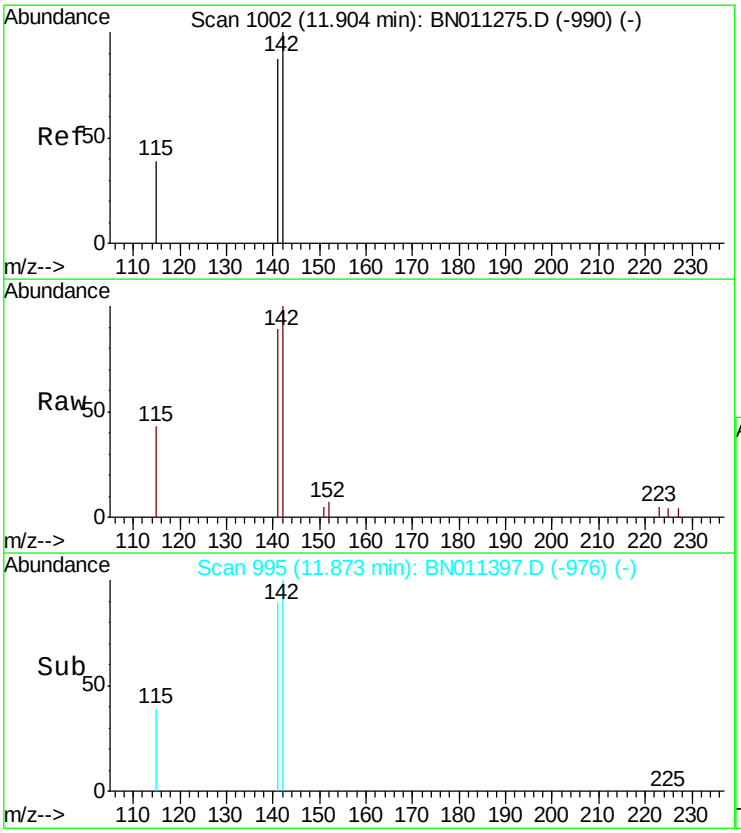
#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 11.80 min Scan# 978
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2108

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8

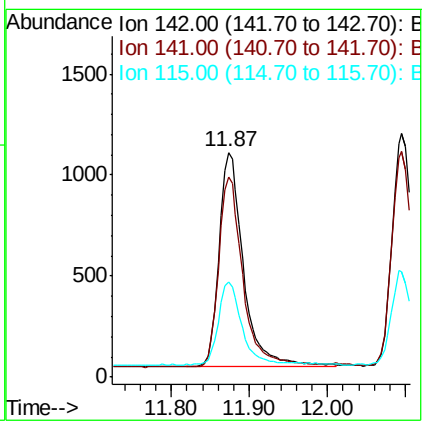


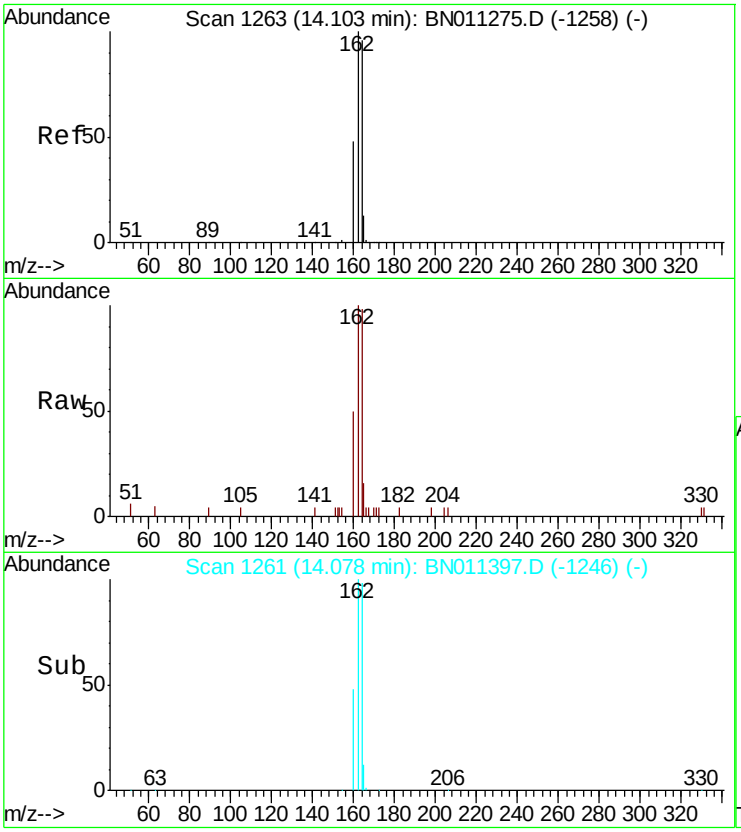


#12
2-Methylnaphthalene
Concen: 0.298 ng
RT: 11.87 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:142 Resp: 2306

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.6	104.4
115	42.5	32.5	48.7



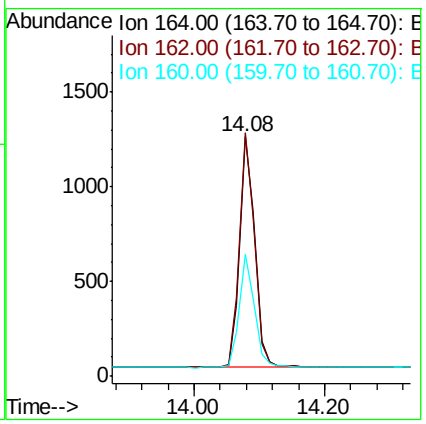


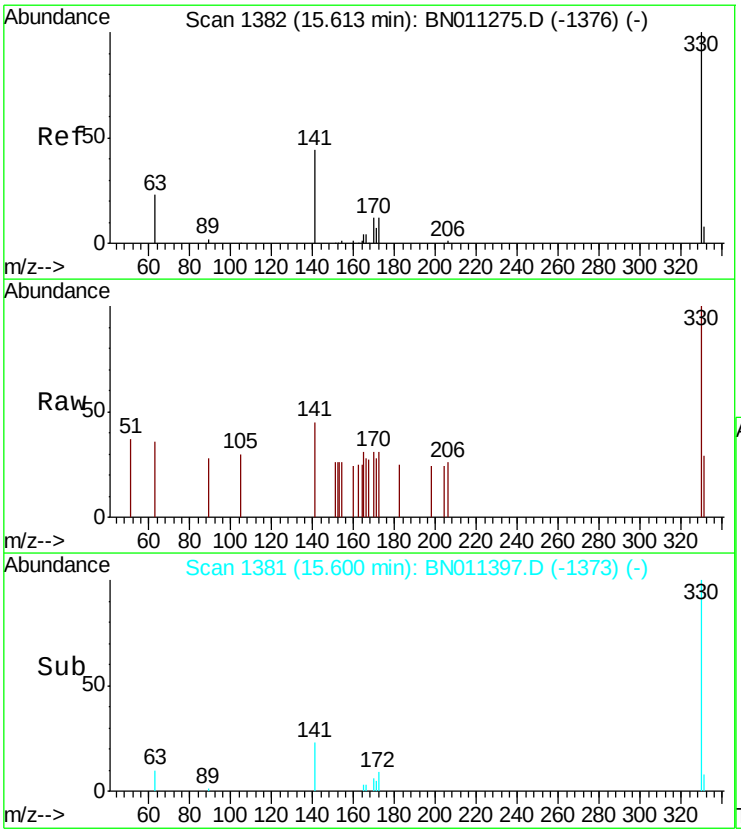
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 1968

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.6	125.4
160	50.8	41.2	61.8

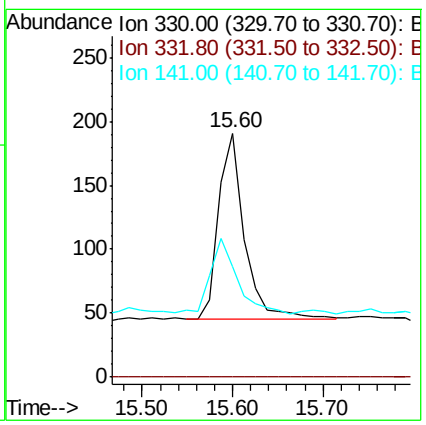


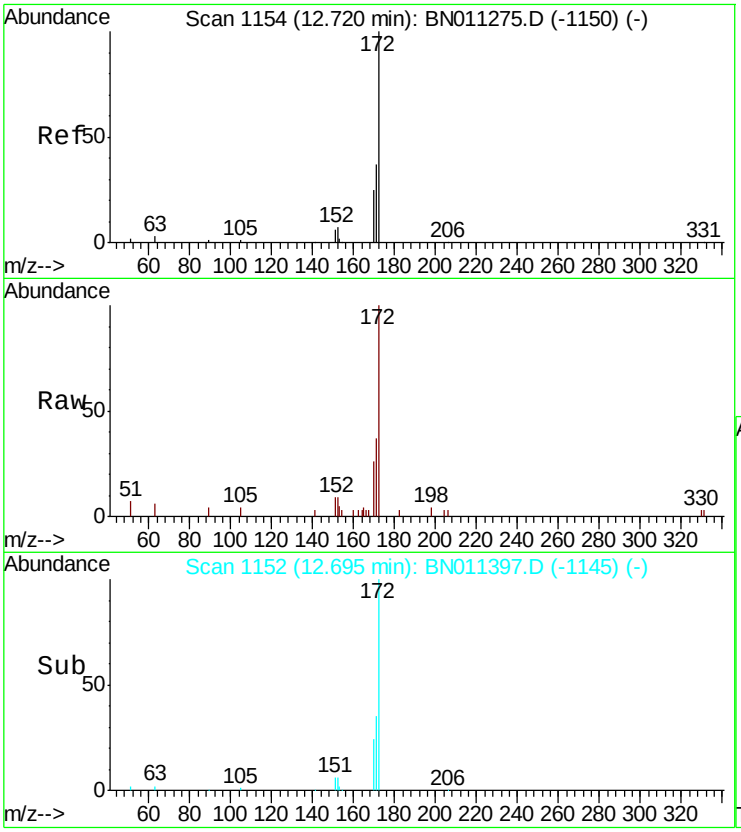


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.60 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:330 Resp: 290

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.4	34.2	51.2



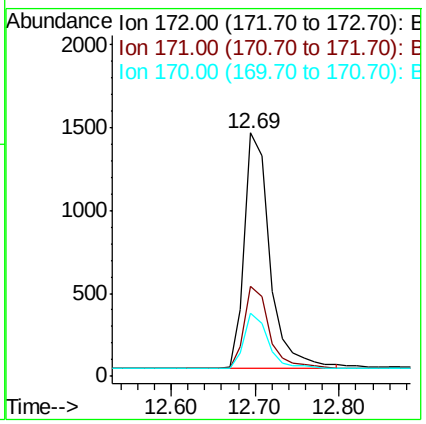


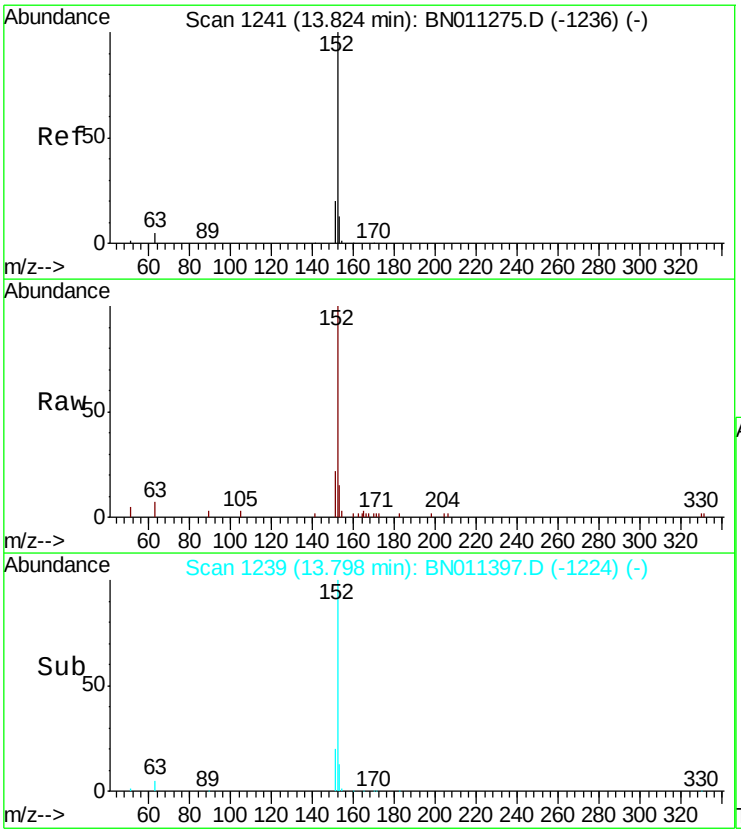
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.69 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3035

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	26.2	21.0	31.4

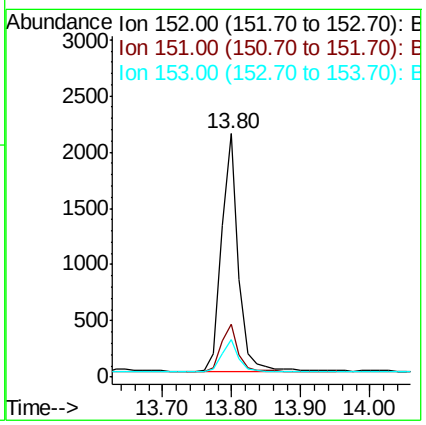


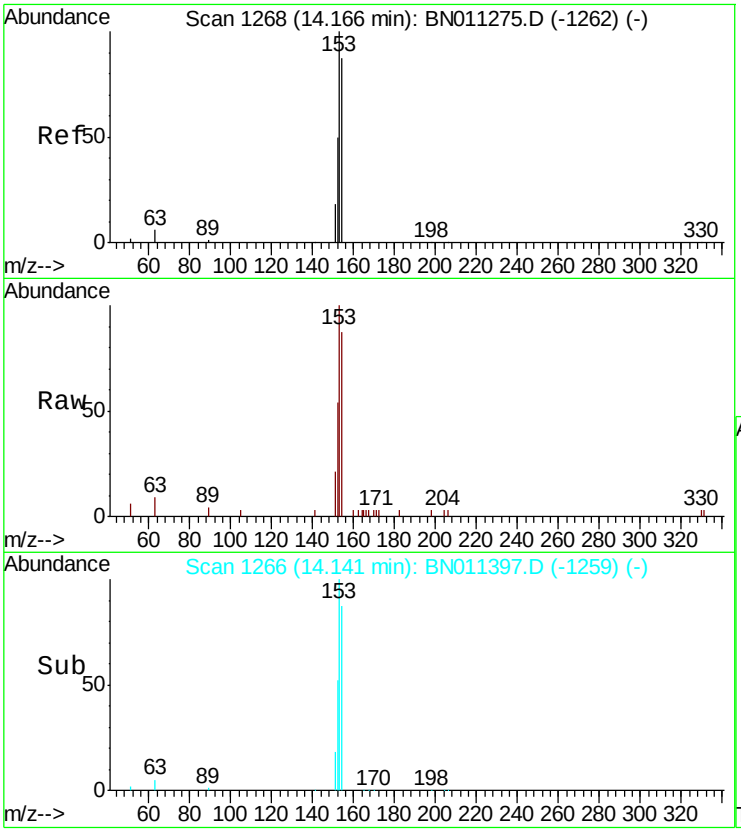


#16
Acenaphthylene
Concen: 0.359 ng
RT: 13.80 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:152 Resp: 3641

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.2	10.2	15.4



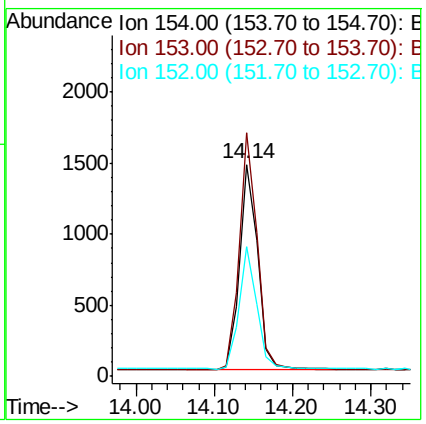


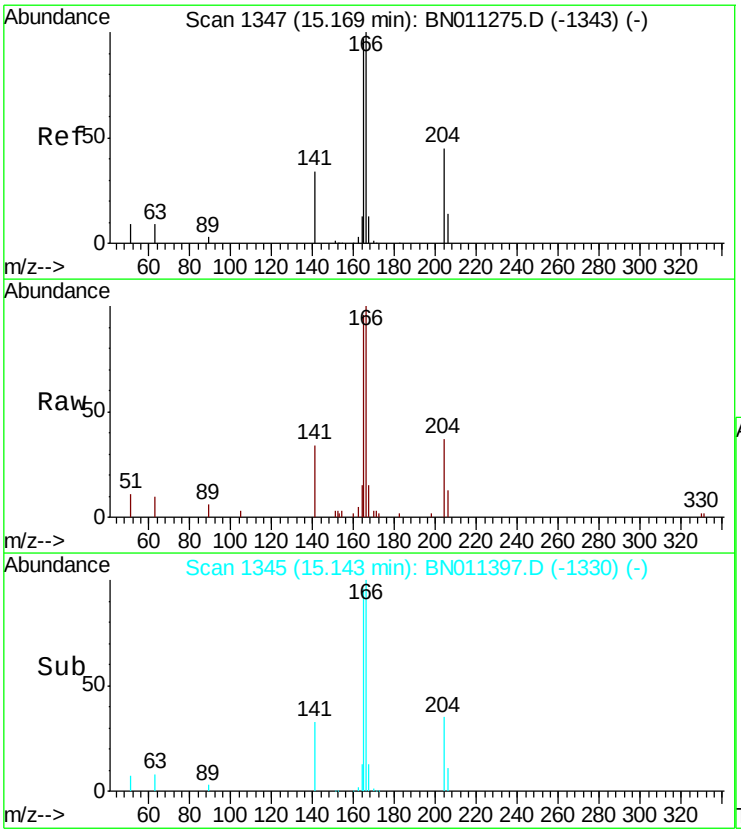
#17
Acenaphthene
Concen: 0.348 ng
RT: 14.14 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 2299

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.3	136.9
152	58.3	45.8	68.6

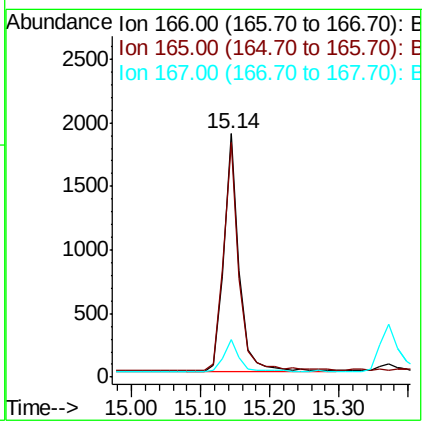


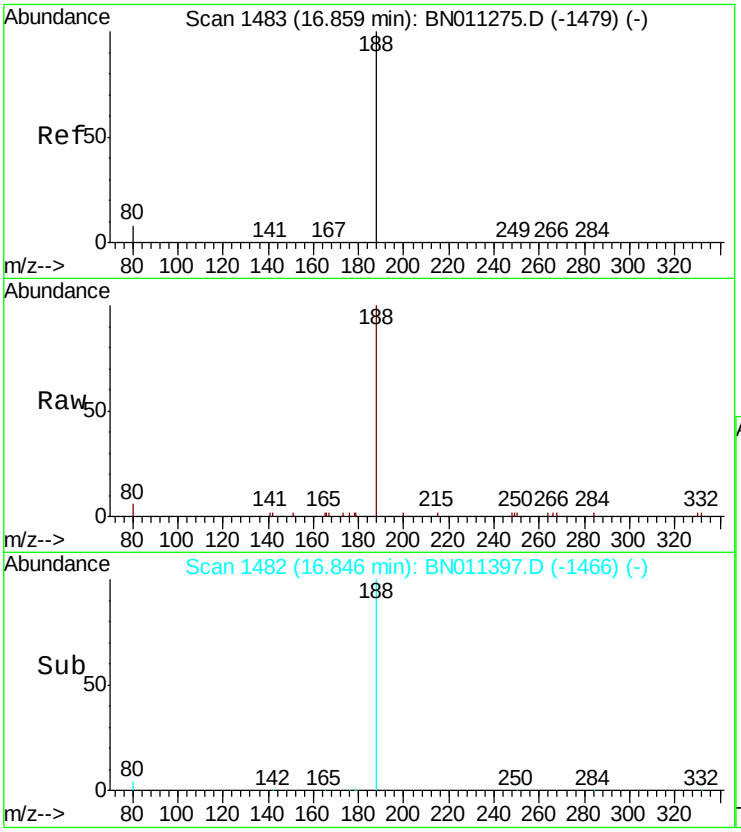


#18
Fluorene
Concen: 0.345 ng
RT: 15.14 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:166 Resp: 2921

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.6	119.4
167	13.1	10.8	16.2



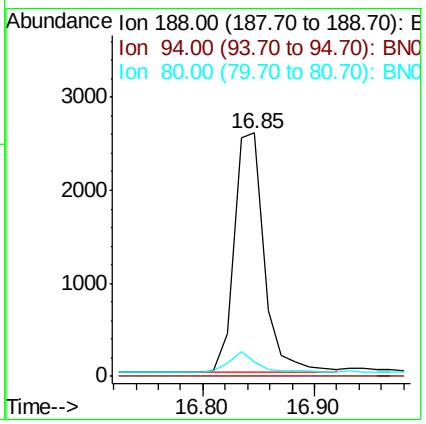


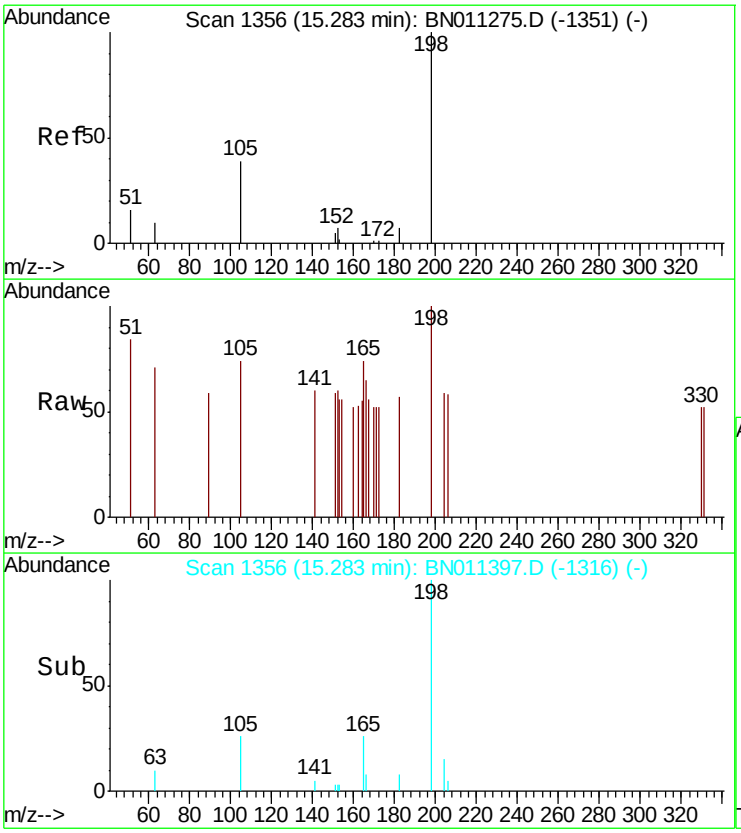
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 4824

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	7.4	11.0#

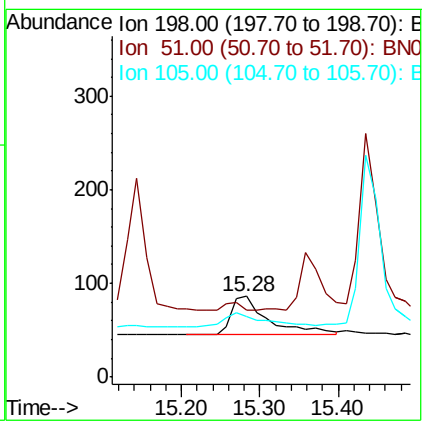


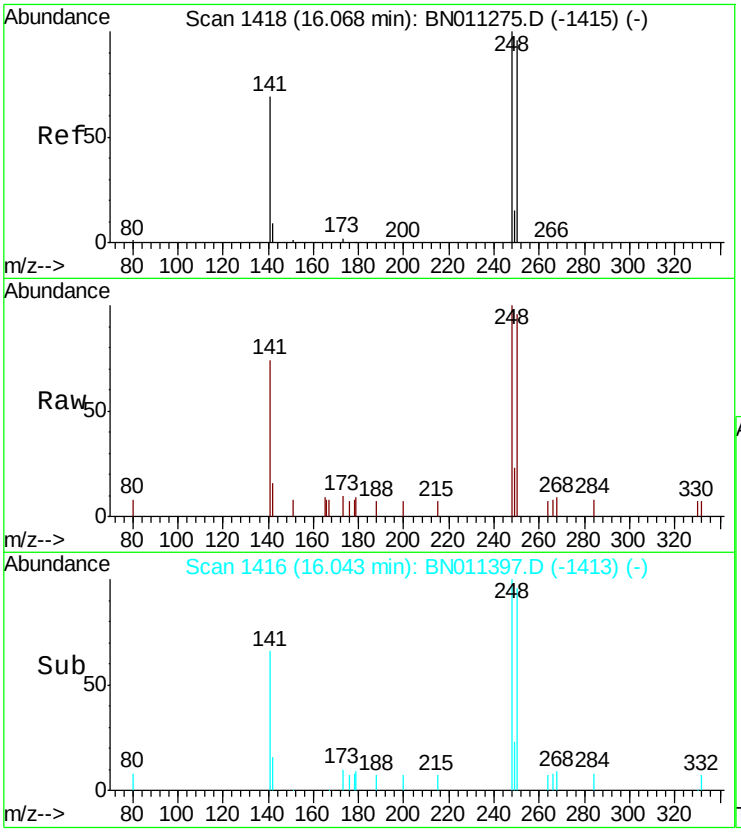


#20
4,6-Dinitro-2-methylphenol
Concen: 0.327 ng
RT: 15.28 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:198 Resp: 135

Ion	Ratio	Lower	Upper
198	100		
51	83.7	49.0	73.6#
105	74.4	53.8	80.6



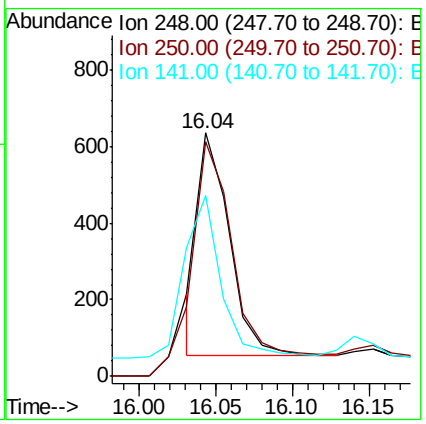


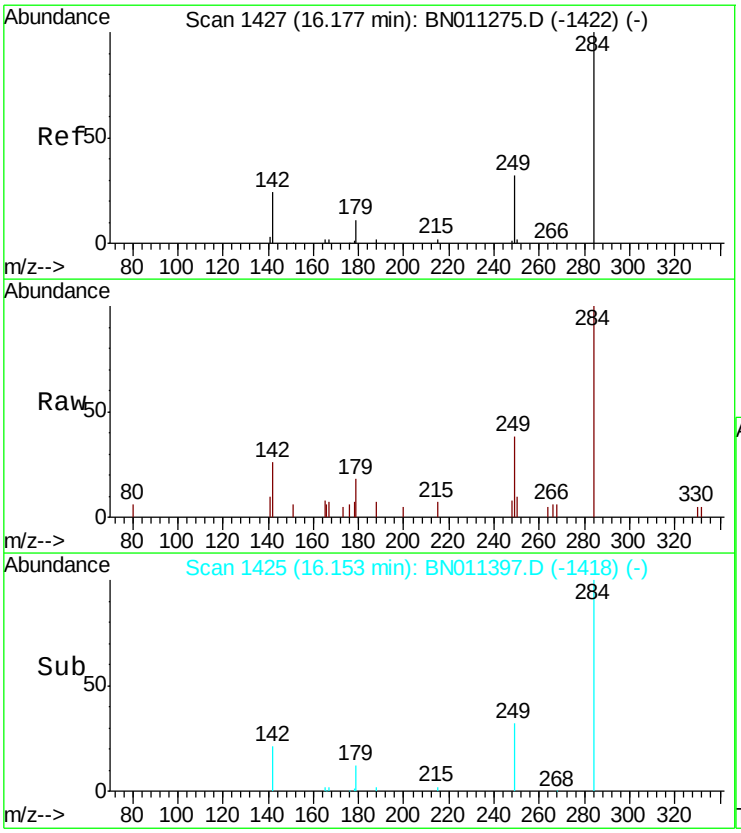
#21
4-Bromophenyl-phenylether
Concen: 0.263 ng
RT: 16.04 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 842

Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.2	115.8
141	74.4	56.5	84.7

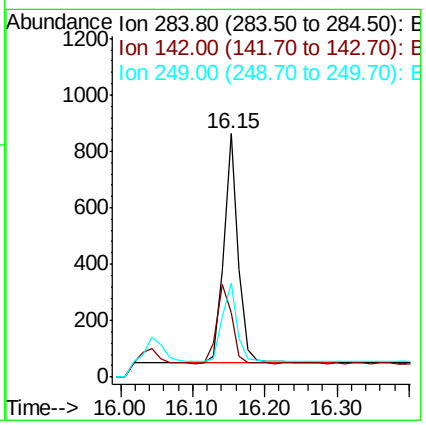


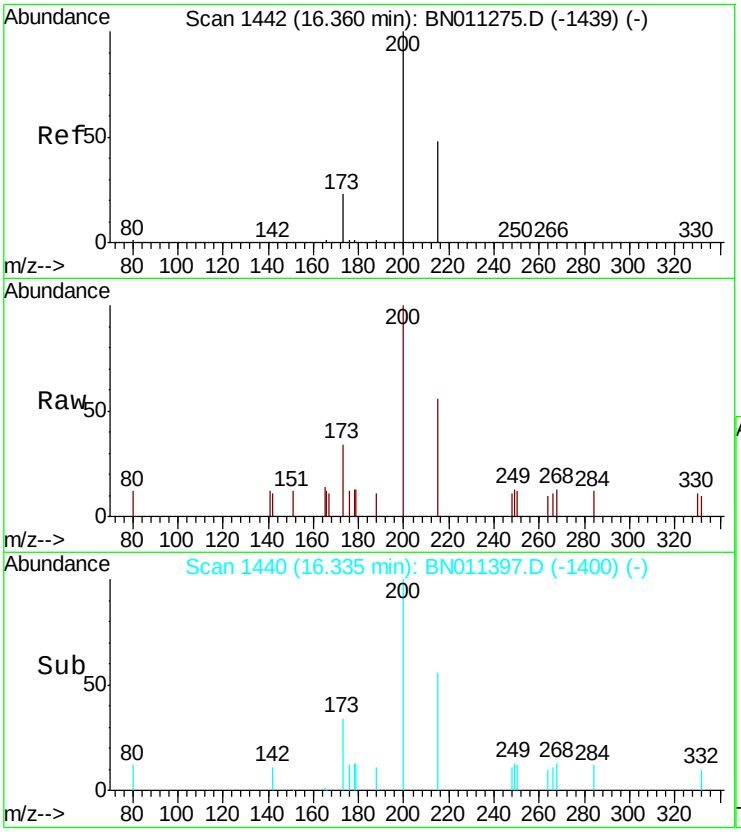


#22
Hexachlorobenzene
Concen: 0.318 ng
RT: 16.15 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:284 Resp: 1153

Ion	Ratio	Lower	Upper
284	100		
142	36.3	32.8	49.2
249	35.3	26.6	40.0



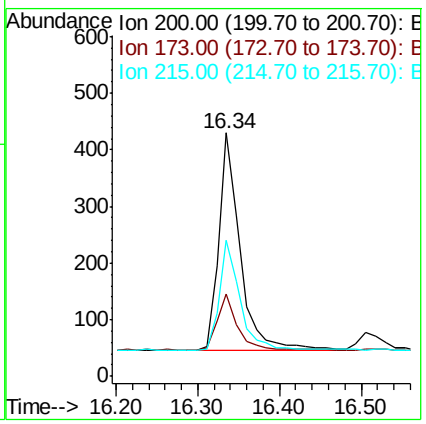


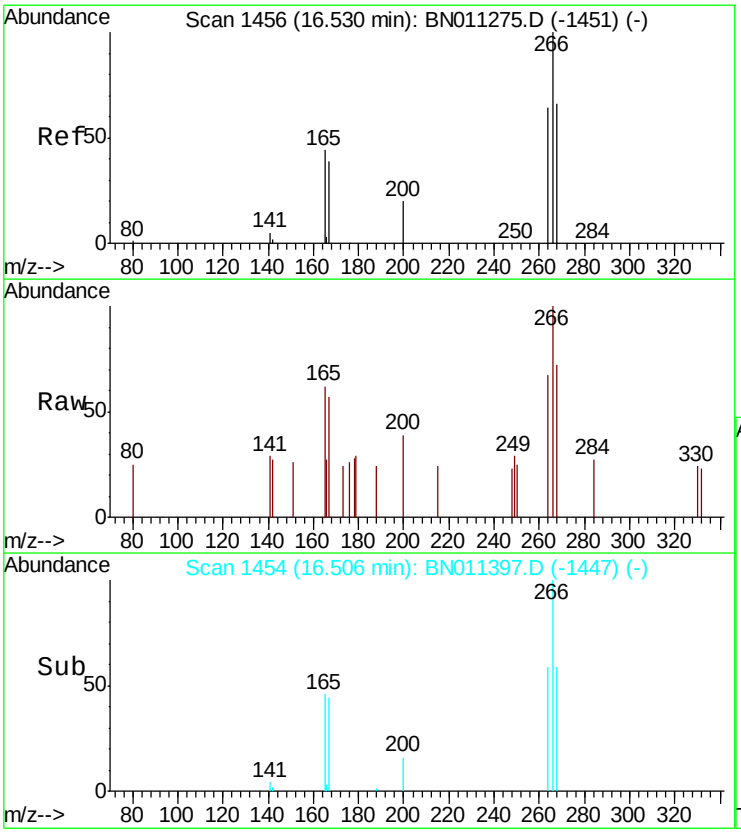
#23
Atrazine
Concen: 0.284 ng
RT: 16.34 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 707

Ion	Ratio	Lower	Upper
200	100		
173	34.0	22.0	33.0#
215	55.8	41.1	61.7

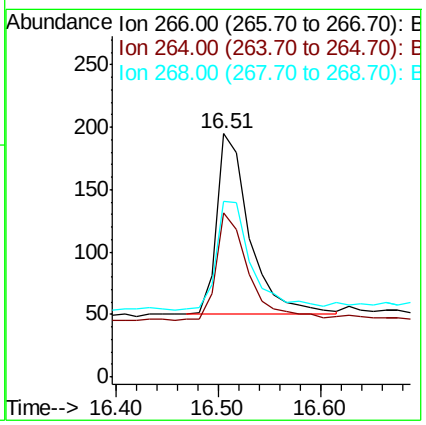


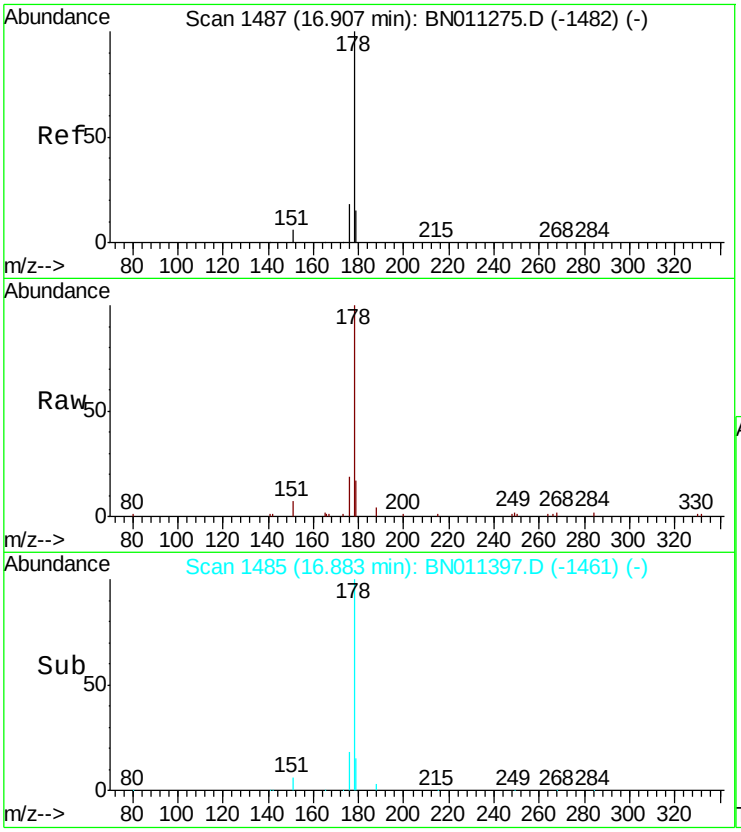


#24
Pentachlorophenol
Concen: 0.290 ng
RT: 16.51 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:266 Resp: 326

Ion	Ratio	Lower	Upper
266	100		
264	59.2	51.1	76.7
268	64.1	55.5	83.3



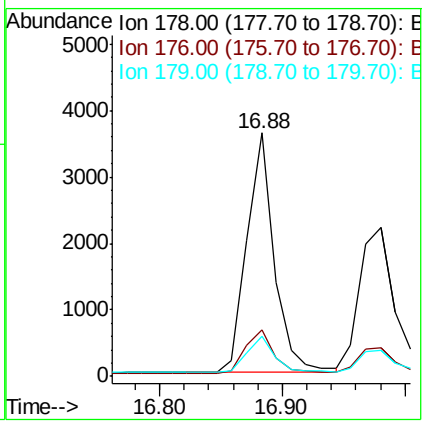


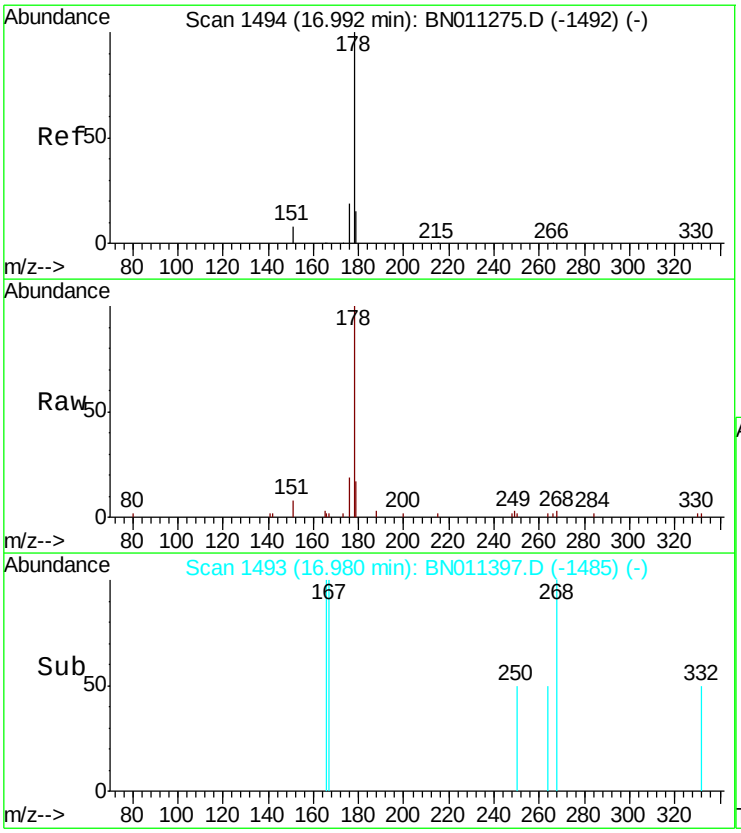
#25
Phenanthrene
Concen: 0.361 ng
RT: 16.88 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 5669

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.2	18.4

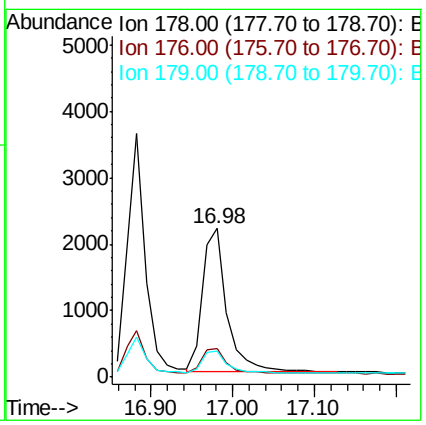


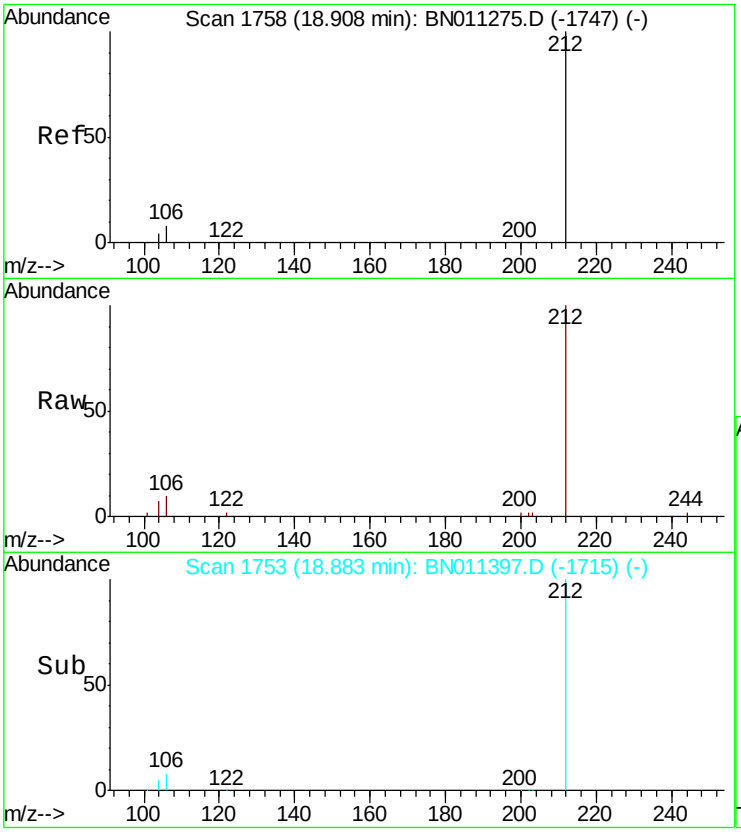


#26
Anthracene
Concen: 0.344 ng
RT: 16.98 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:178 Resp: 4494

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.6
179	15.6	12.1	18.1



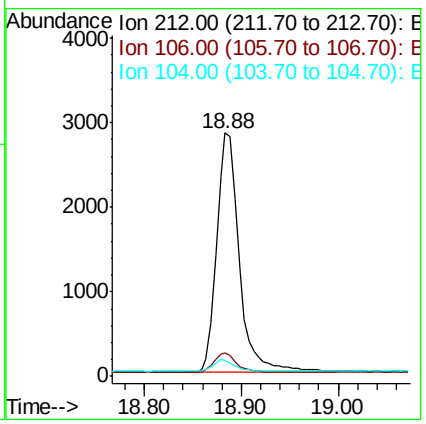


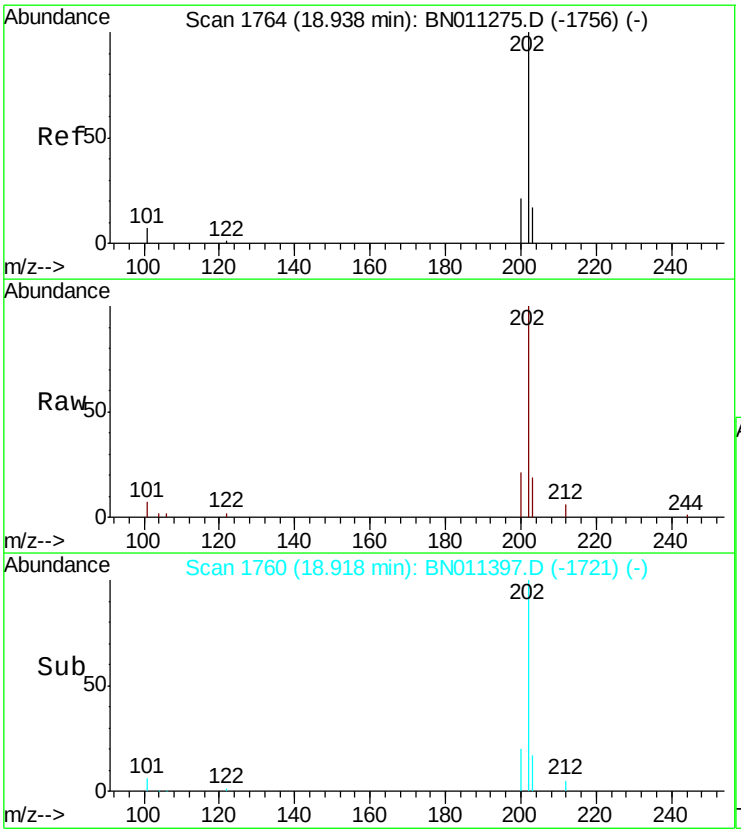
#27
Fluoranthene-d10
Concen: 0.315 ng
RT: 18.88 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 4645

Ion	Ratio	Lower	Upper
212	100		
106	7.9	6.9	10.3
104	4.6	4.2	6.2

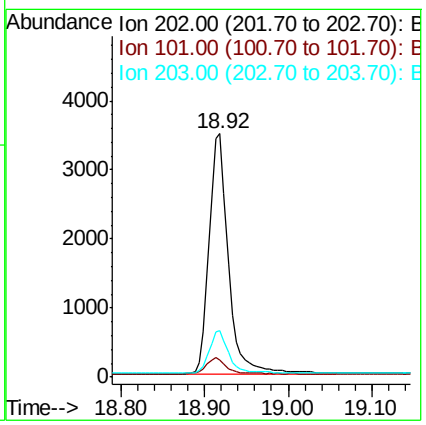


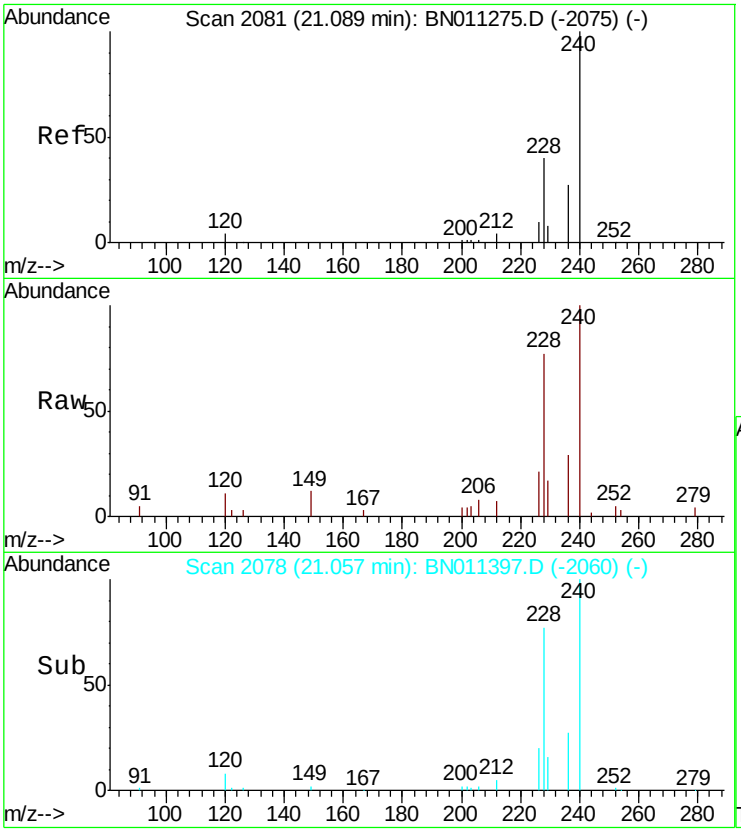


#28
Fluoranthene
Concen: 0.312 ng
RT: 18.92 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:202 Resp: 5577

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.9	8.9
203	17.8	13.7	20.5



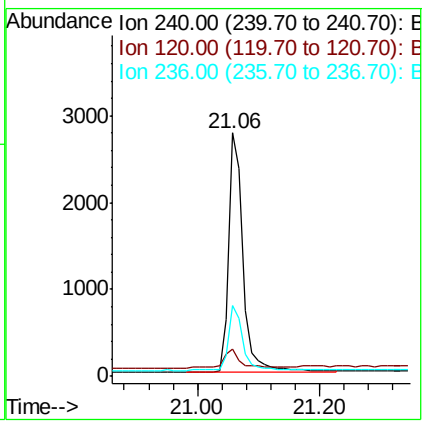


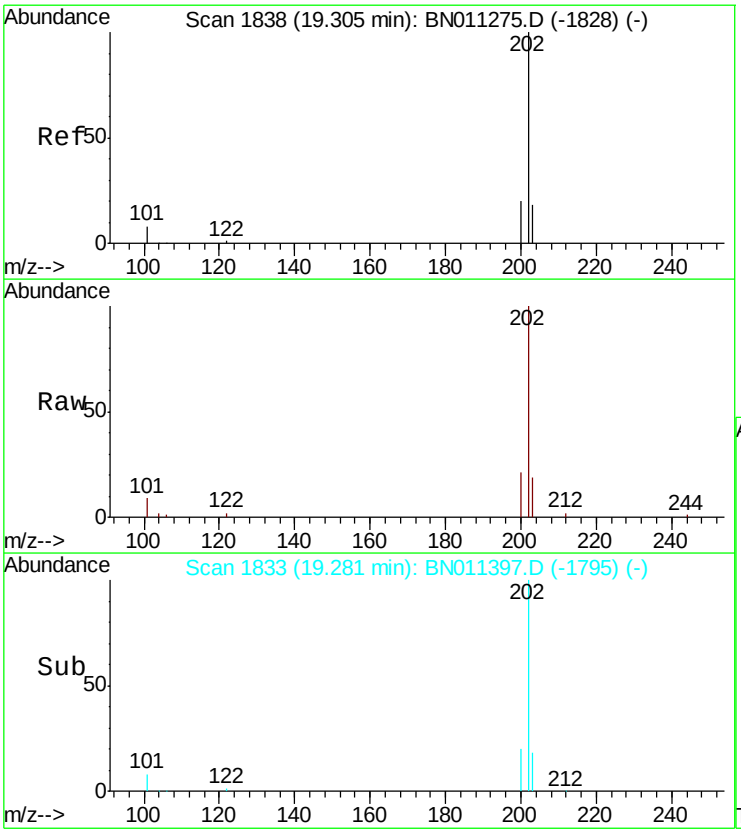
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.06 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 4576

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.8	8.8#
236	29.0	22.7	34.1

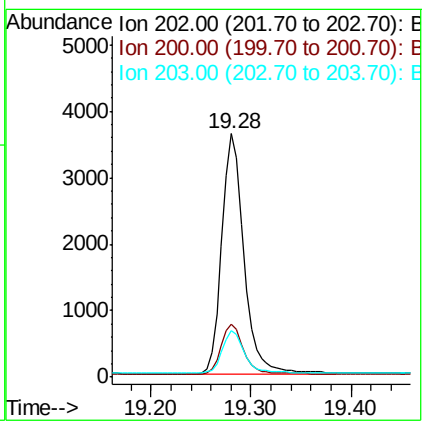


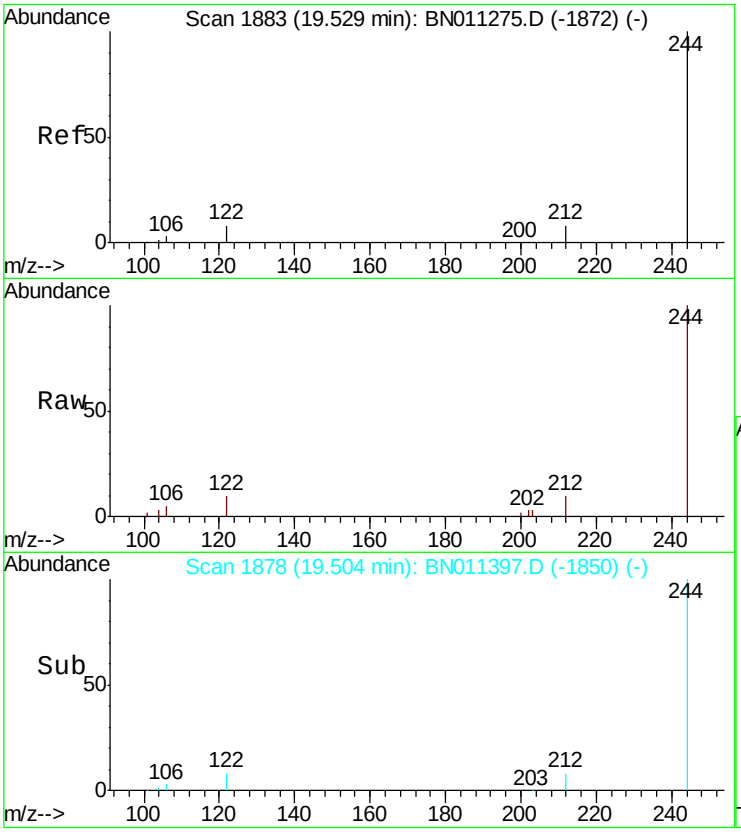


#30
Pyrene
Concen: 0.269 ng
RT: 19.28 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:202 Resp: 5551

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	17.6	14.1	21.1



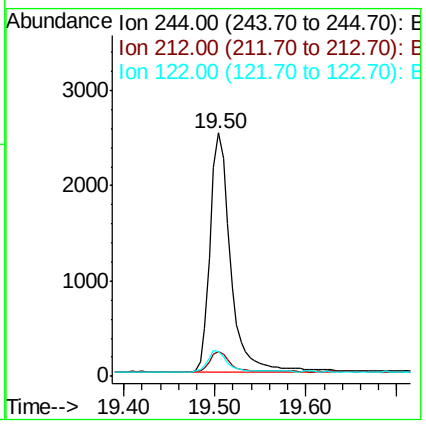


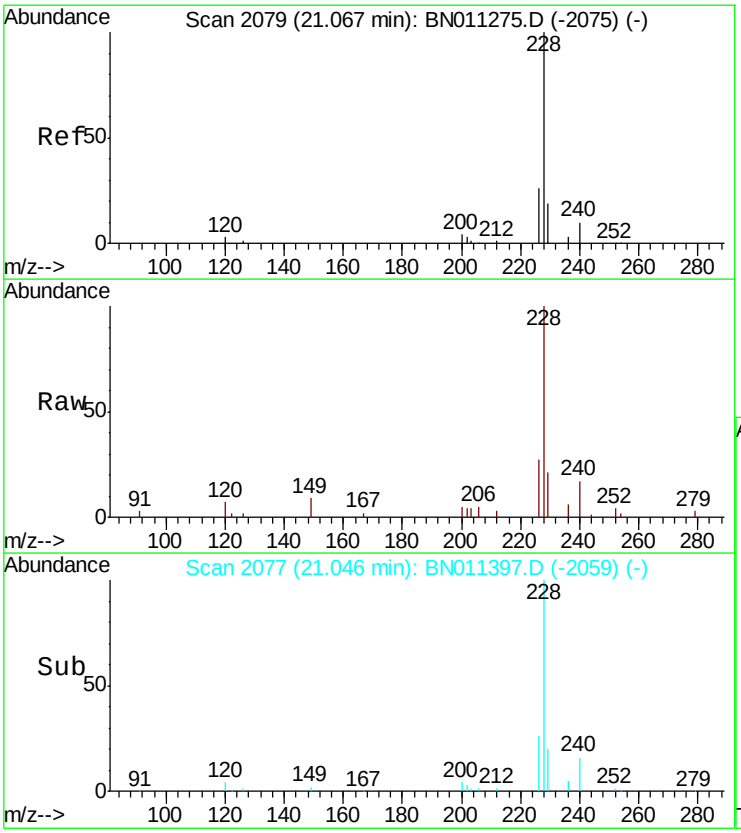
#31
Terphenyl-d14
Concen: 0.283 ng
RT: 19.50 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 3914

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

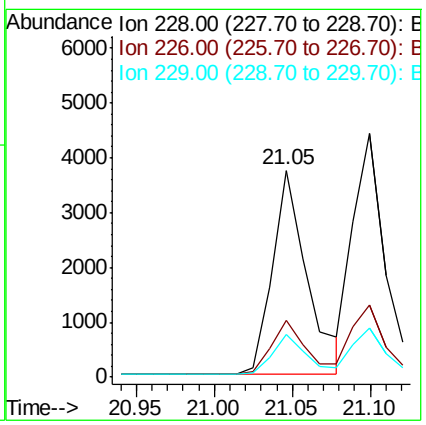


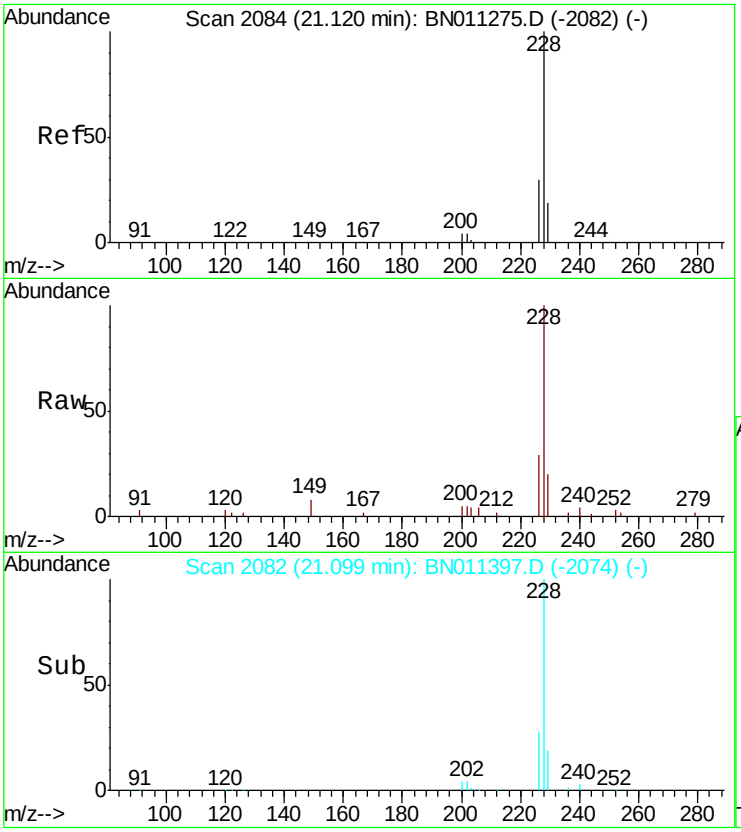


#32
Benzo(a)anthracene
Concen: 0.376 ng
RT: 21.05 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:228 Resp: 5767

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.6	32.4
229	20.9	16.0	24.0



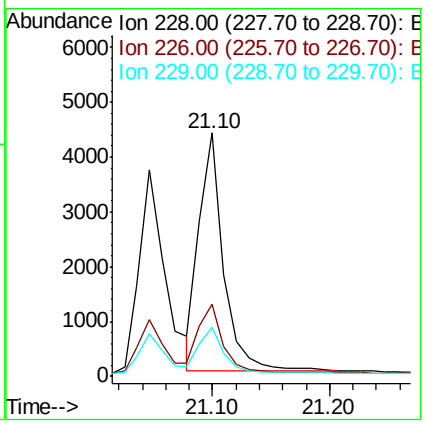


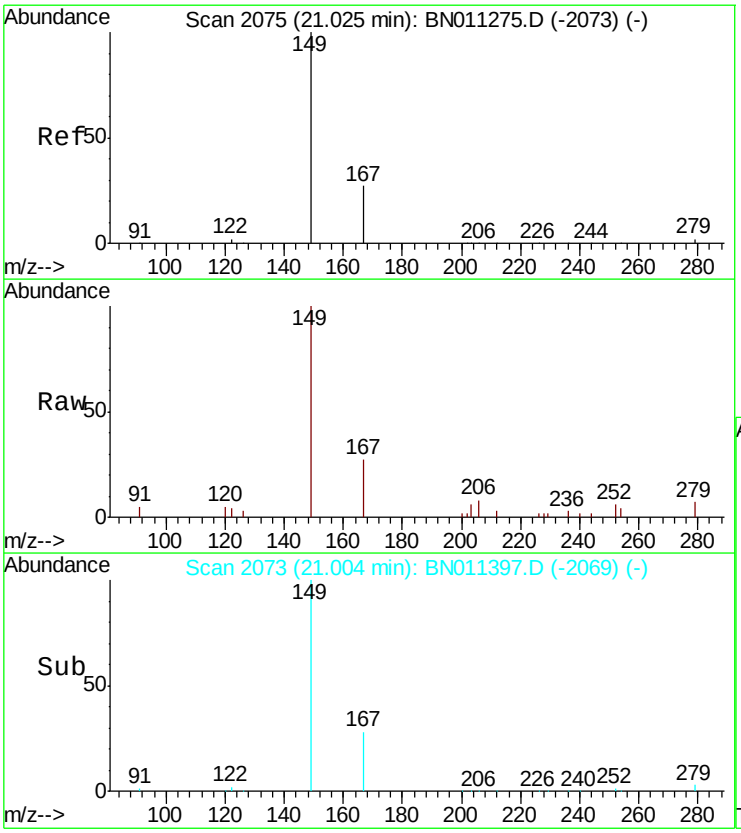
#33
Chrysene
Concen: 0.368 ng
RT: 21.10 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6322

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.3	36.5
229	20.2	15.9	23.9

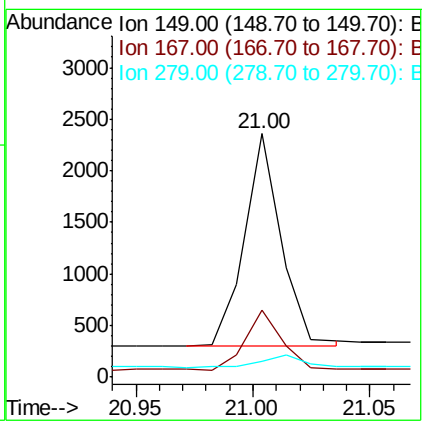


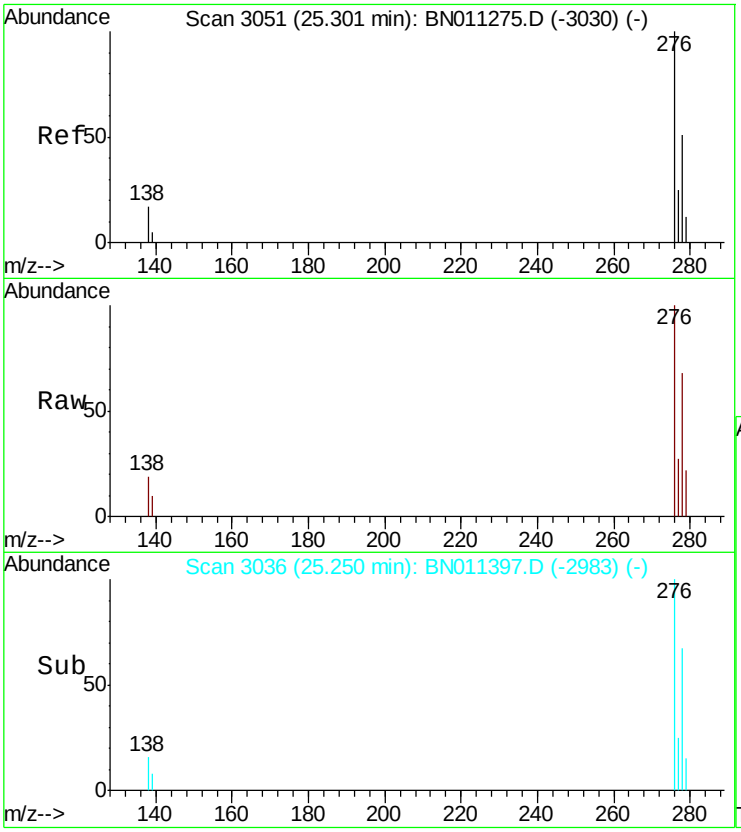


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.274 ng
RT: 21.00 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:149 Resp: 2252

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.7	32.5
279	6.5	3.9	5.9#



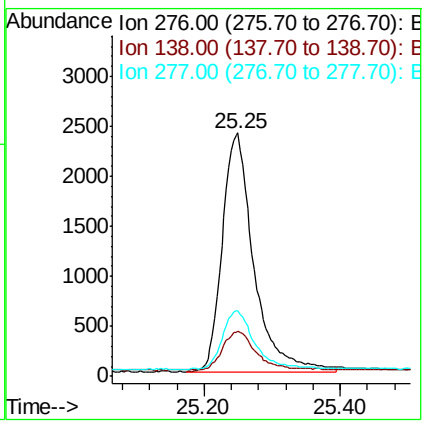


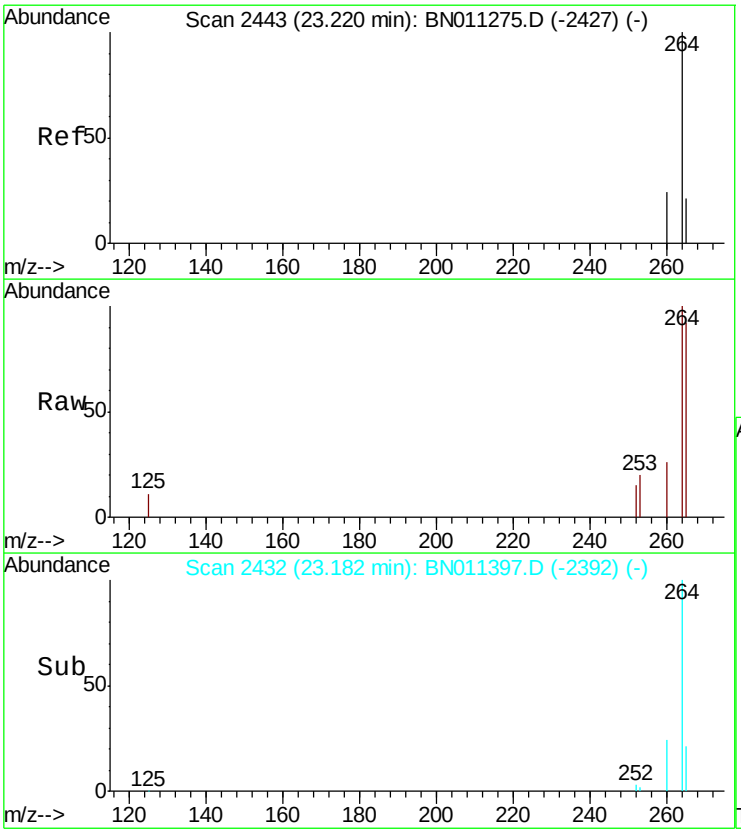
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng
RT: 25.25 min Scan# 3036
Delta R.T. -0.02 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 7654

Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.6	20.4
277	24.0	19.7	29.5

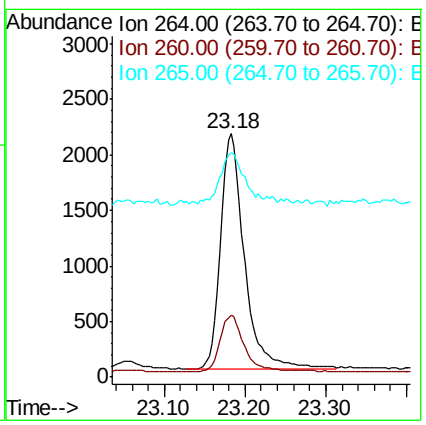


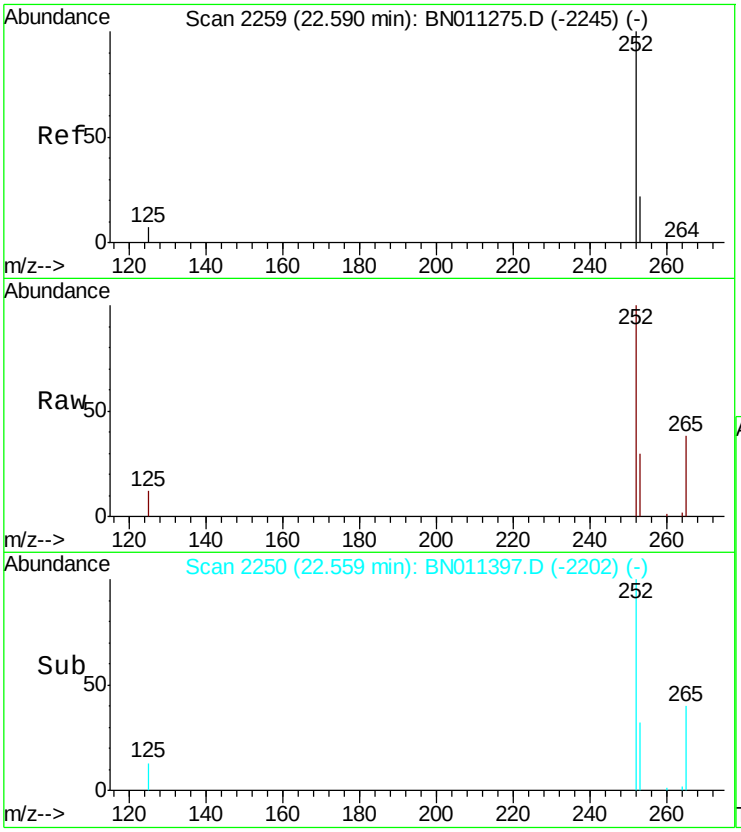


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.18 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:264 Resp: 4330

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	92.2	70.7	106.1



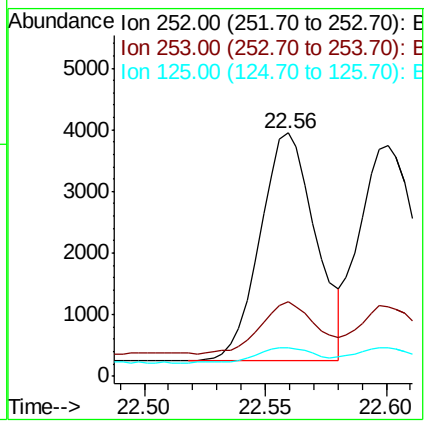


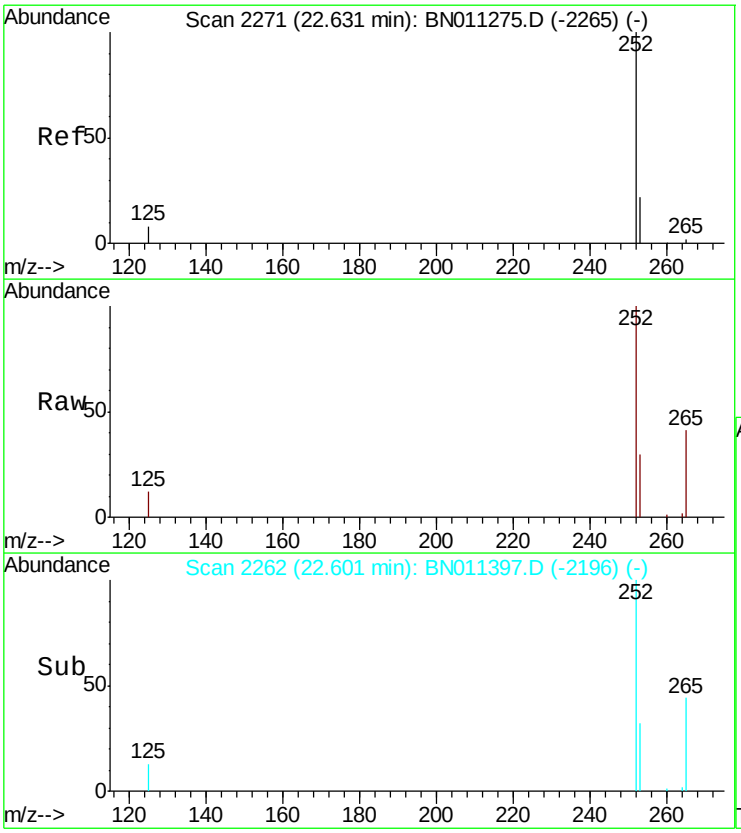
#37
Benzo(b)fluoranthene
Concen: 0.343 ng
RT: 22.56 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5925

Ion	Ratio	Lower	Upper
252	100		
253	30.4	23.1	34.7
125	12.0	9.4	14.2

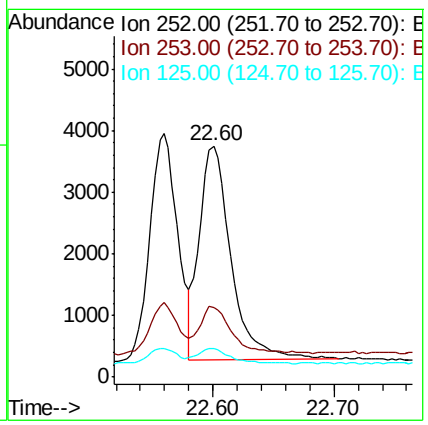


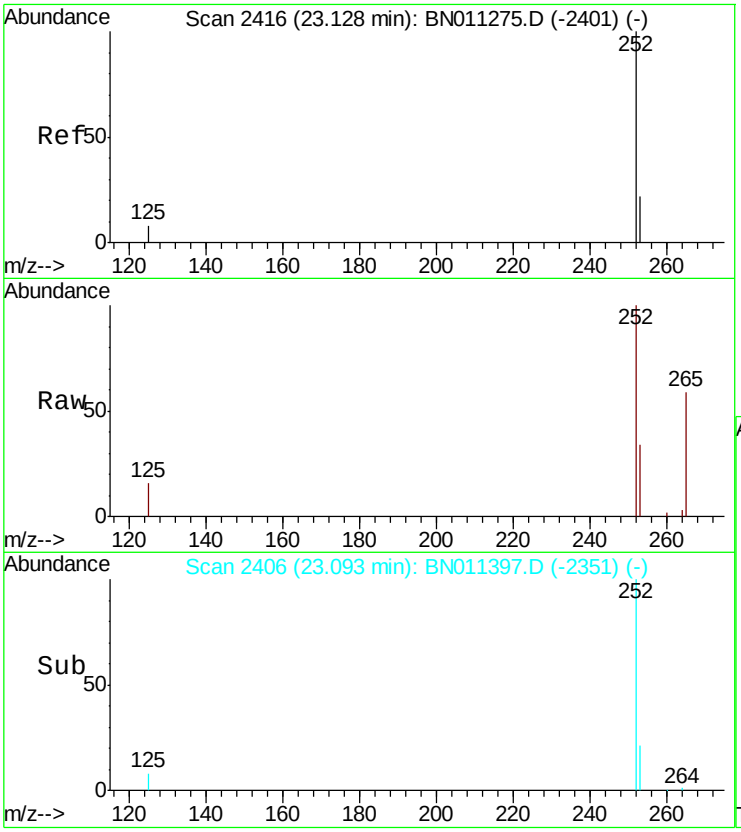


#38
Benzo(k)fluoranthene
Concen: 0.334 ng
RT: 22.60 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:252 Resp: 6347

Ion	Ratio	Lower	Upper
252	100		
253	30.4	22.9	34.3
125	12.3	11.3	16.9



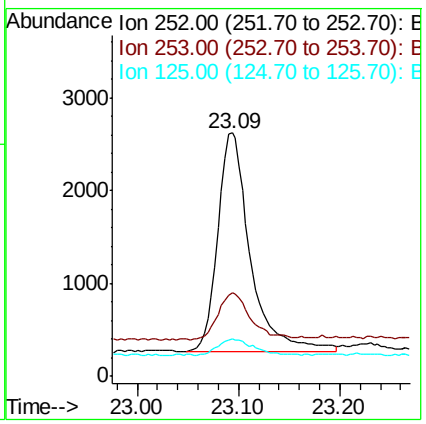


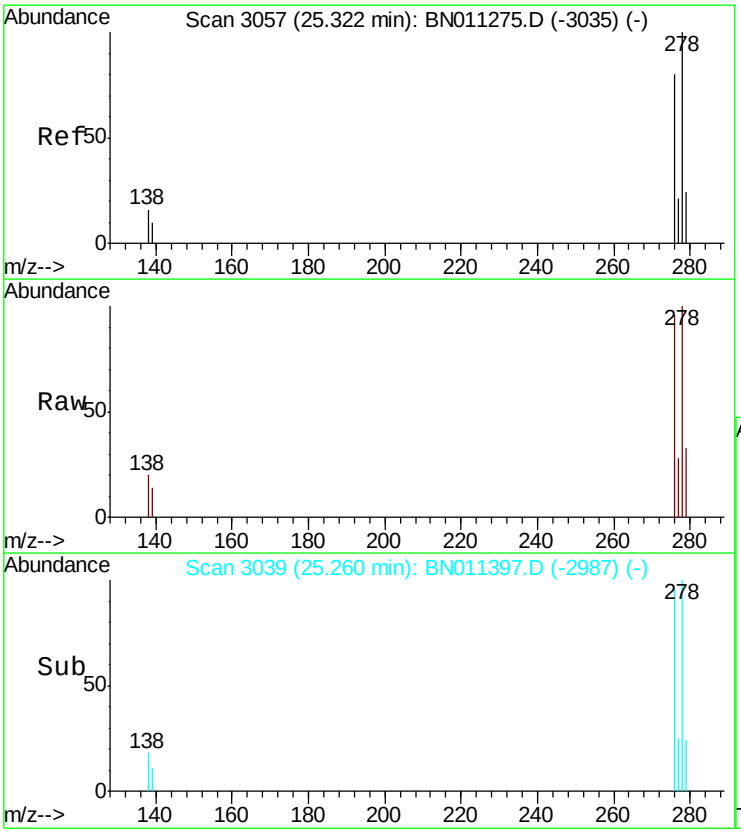
#39
Benzo(a)pyrene
Concen: 0.349 ng
RT: 23.09 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5234

Ion	Ratio	Lower	Upper
252	100		
253	34.1	26.6	39.8
125	15.6	12.7	19.1

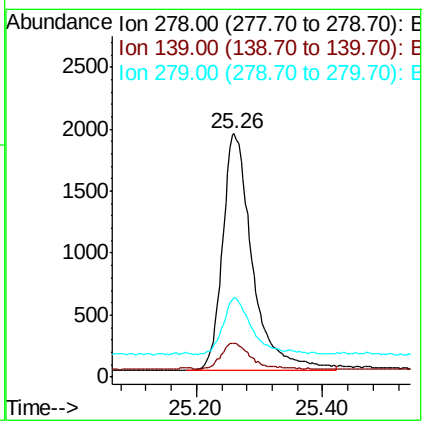


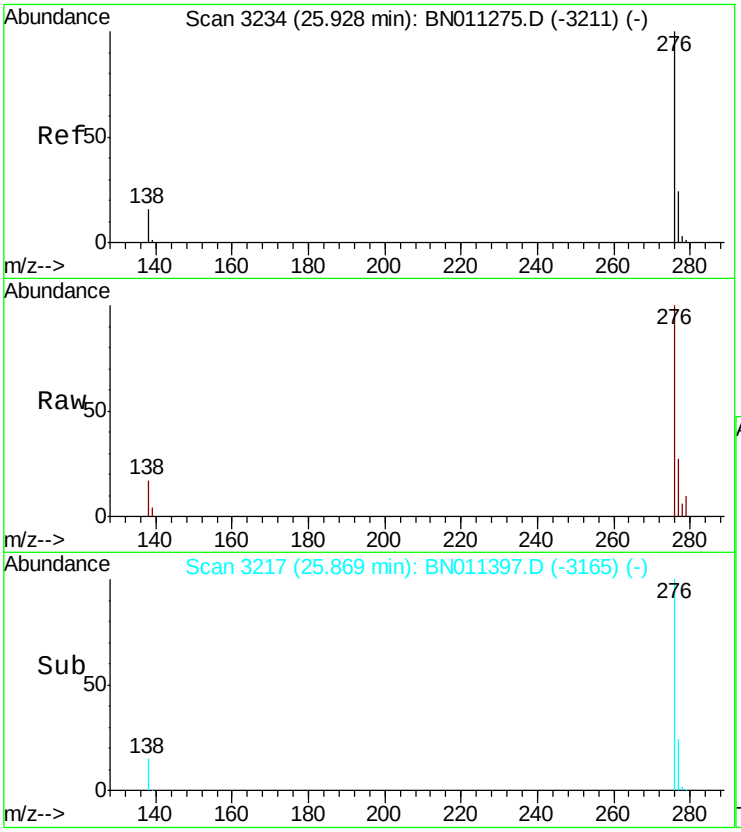


#40
Dibenzo(a,h)anthracene
Concen: 0.403 ng
RT: 25.26 min Scan# 3039
Delta R.T. -0.02 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Tgt Ion:278 Resp: 6254

Ion	Ratio	Lower	Upper
278	100		
139	14.0	12.4	18.6
279	32.5	25.8	38.6





#41
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 25.87 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BN011397.D
Acq: 07 Aug 2020 14:38

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6317

Ion	Ratio	Lower	Upper
276	100		
277	27.1	21.0	31.6
138	17.4	15.0	22.6