Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011017.D
Acq On : 22 Jun 2020 19:51
Operator : CG/JU
Sample : L3033-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : Z1-DUP-0572-200616

Quant Time: Jun 23 05:33:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	42700	0.40	ng		-0.04
7) Naphthalene-d8	10.22	136	18140	0.40	ng		-0.06
13) Acenaphthene-d10	14.03	164	29240	0.40	ng		-0.11
19) Phenanthrene-d10	16.78	188	1436	0.40	ng		-0.13
27) Chrysene-d12	20.86	240	675	0.40	ng		-0.27
34) Perylene-d12	22.97	264	13	0.40	ng		-0.29
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2123	0.03	ng		0.02
5) Phenol-d6	6.75	99	3838	0.04	ng		0.02
8) Nitrobenzene-d5	8.67	82	43560	3.24	ng		0.00
11) 2-Methylnaphthalene-d10	11.83	152	830	0.03	ng		-0.05
14) 2,4,6-Tribromophenol	15.66	330	1491	0.14	ng		0.00
15) 2-Fluorobiphenyl	12.65	172	27443	0.24	ng		-0.12
25) Fluoranthene-d10	18.77	212	1252	0.32	ng		-0.18
29) Terphenyl-d14	19.34	244	329	0.21	ng		-0.23
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	10484170	250.668	ng		97
3) n-Nitrosodimethylamine	3.51	42	632223	26.002	ng	#	1
6) bis(2-Chloroethyl)ether	6.99	93	2965232	31.320	ng		96
9) Naphthalene	10.34	128	1395556	30.613	ng		97
12) 2-Methylnaphthalene	11.95	142	127490	4.179	ng	#	94
16) Acenaphthylene	13.72	152	6433	0.054	ng	#	67
17) Acenaphthene	14.06	154	3511	0.043	ng	#	62
20) 4-Bromophenyl-phenylether	16.03	248	207	0.240	ng	#	1
22) Pentachlorophenol	16.44	266	14	0.046	ng	#	17
23) Phenanthrene	16.82	178	703	0.179	ng	#	1
24) Anthracene	16.89	178	1306	0.399	ng	#	1
26) Fluoranthene	18.84	202	113	0.025	ng	#	1
28) Pyrene	19.11	202	214	0.096	ng	#	58
30) Benzo(a)anthracene	20.87	228	1346	0.678	ng	#	8
31) Chrysene	20.87	228	1206	0.522	ng	#	17
32) Bis(2-ethylhexyl)phthalate	20.79	149	684	1.034	ng	#	46
33) Indeno(1,2,3-cd)pyrene	25.01	276	163	0.063	ng	#	1
35) Benzo(b)fluoranthene	22.37	252	82	1.855	ng	#	54
36) Benzo(k)fluoranthene	22.37	252	84	1.784	ng	#	54
37) Benzo(a)pyrene	22.87	252	30	0.791	ng	#	1
38) Dibenzo(a,h)anthracene	25.01	278	191	4.417	ng	#	1
39) Benzo(g,h,i)perylene	25.66	276	13	0.288	ng	#	1

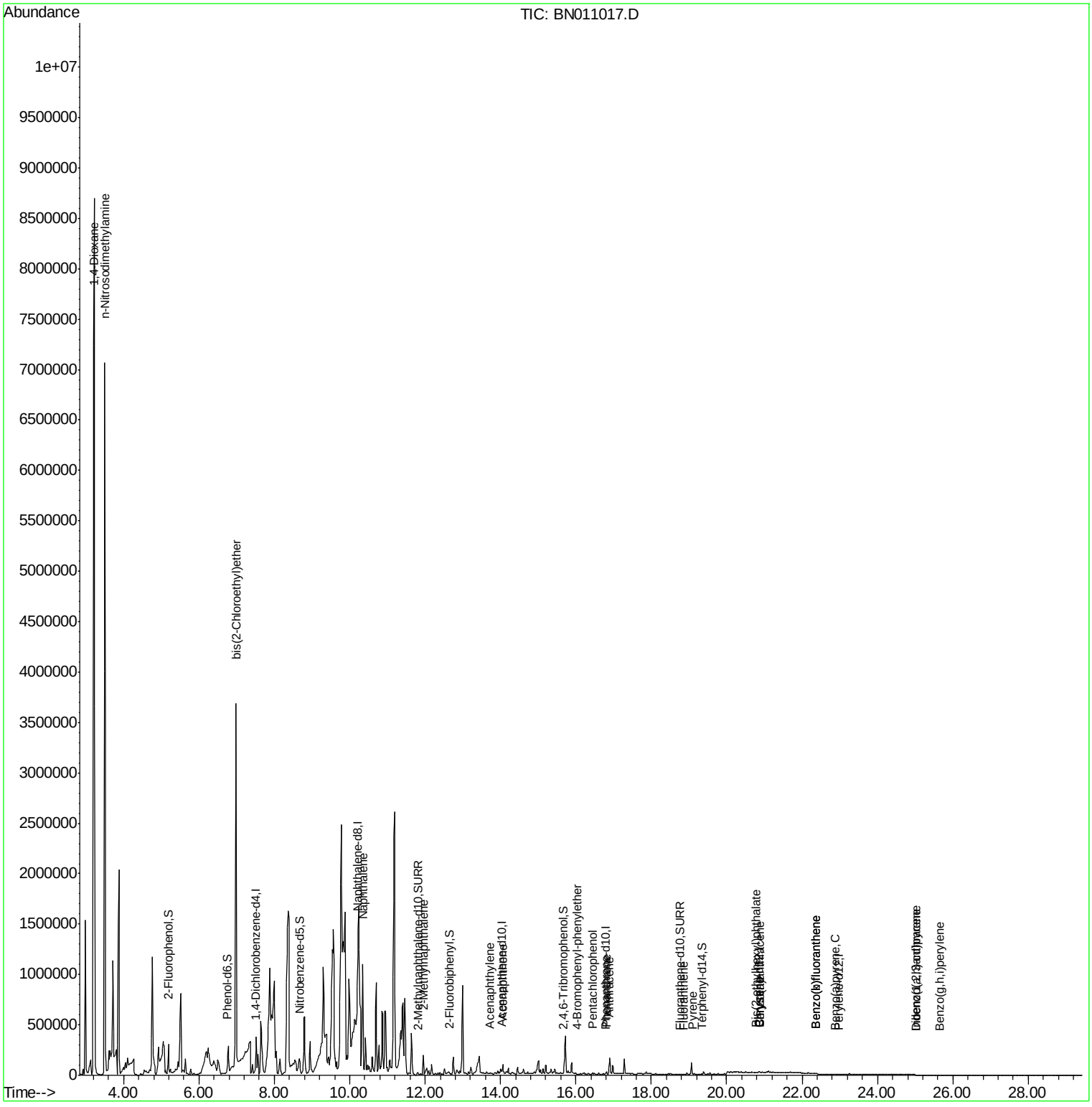
(#) = qualifier out of range (m) = manual integration (+) = signals summed

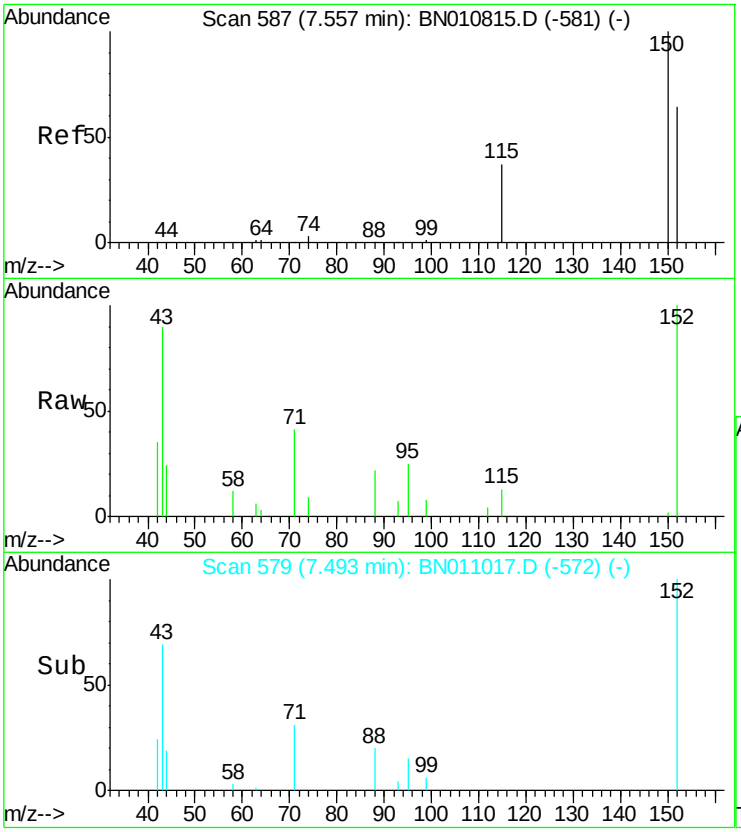
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011017.D
Acq On : 22 Jun 2020 19:51
Operator : CG/JU
Sample : L3033-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Quant Time: Jun 23 05:33:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration



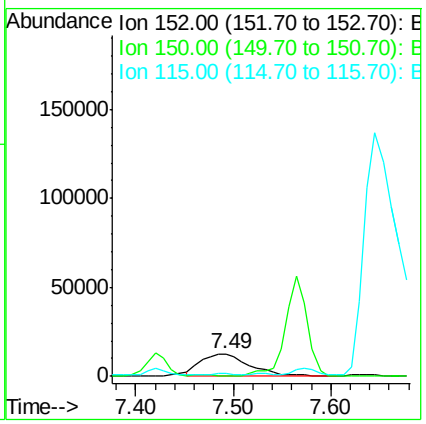


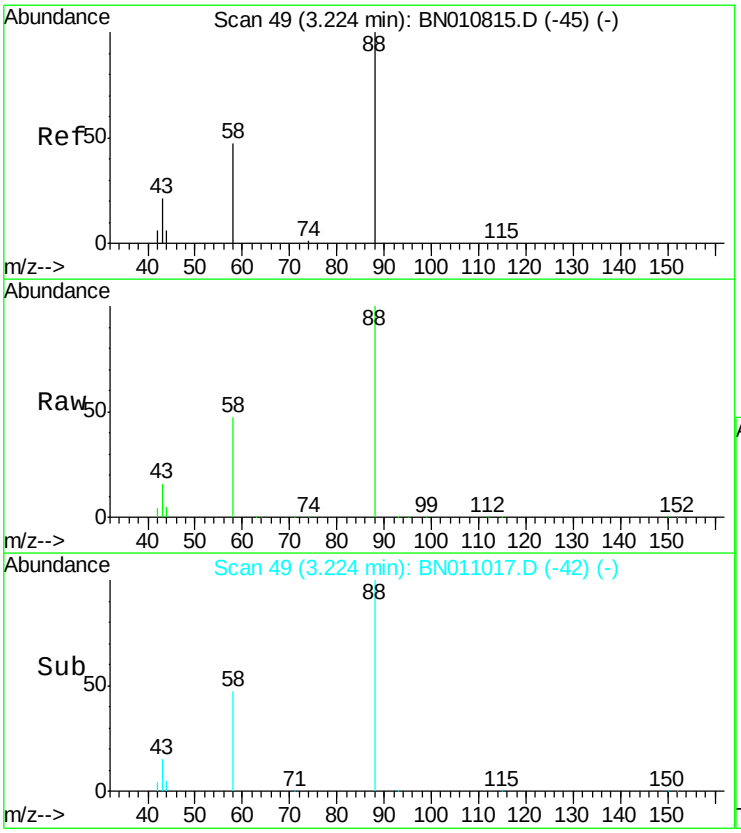
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 579
Delta R.T. -0.04 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:152 Resp: 42700

Ion	Ratio	Lower	Upper
152	100		
150	1.9	123.8	185.6#
115	13.3	49.2	73.8#

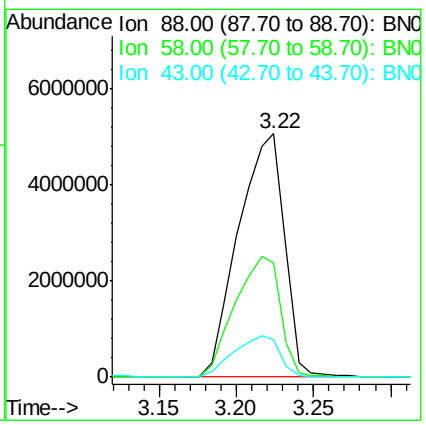


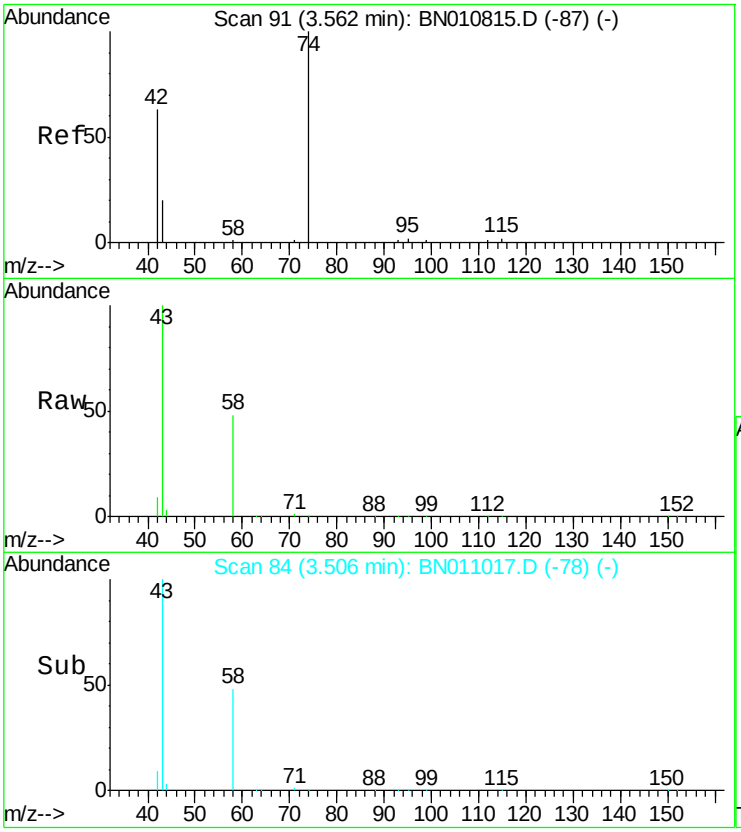


#2
1,4-Dioxane
Concen: 250.668 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion: 88 Resp:10484170

Ion	Ratio	Lower	Upper
88	100		
58	49.3	38.2	57.4
43	17.1	15.1	22.7



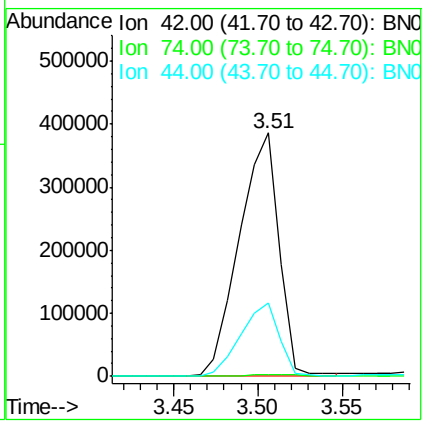


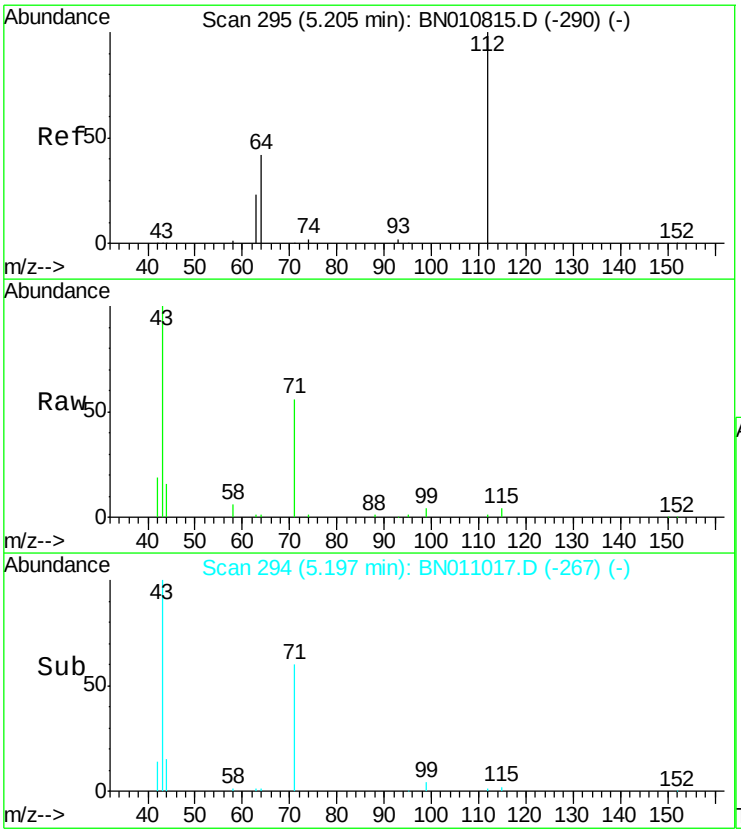
#3
n-Nitrosodimethylamine
Concen: 26.002 ng
RT: 3.51 min Scan# 84
Delta R.T. -0.05 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion: 42 Resp: 632223

Ion	Ratio	Lower	Upper
42	100		
74	1.2	140.7	211.1#
44	29.1	1.4	2.2#

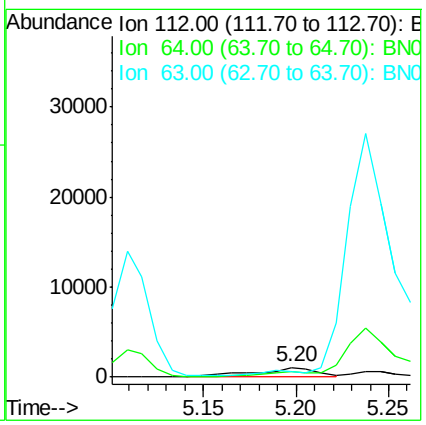


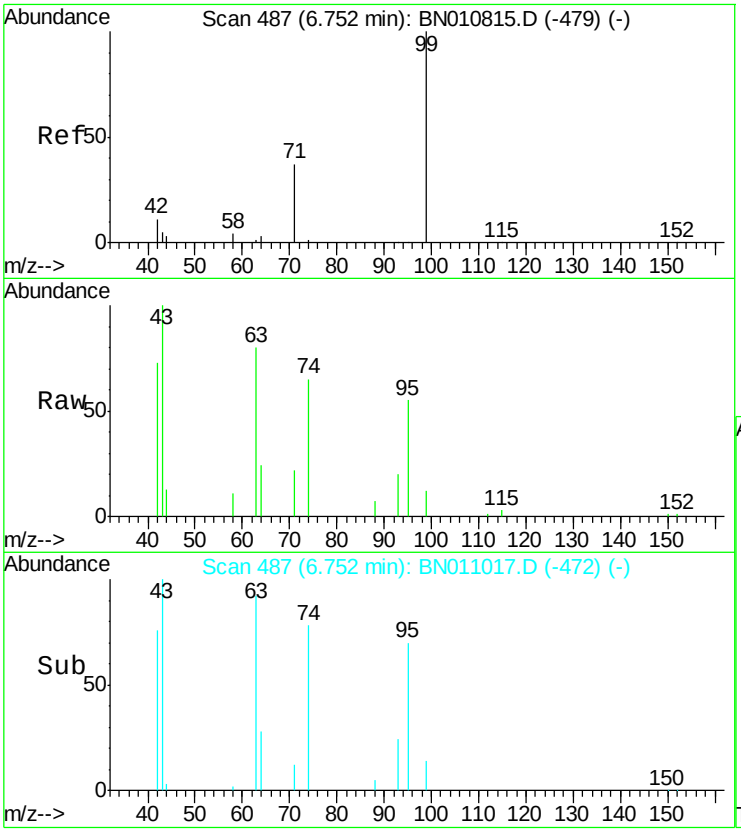


#4
2-Fluorophenol
Concen: 0.026 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.02 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:112 Resp: 2123

Ion	Ratio	Lower	Upper
112	100		
64	0.0	37.4	56.0#
63	0.0	22.2	33.4#



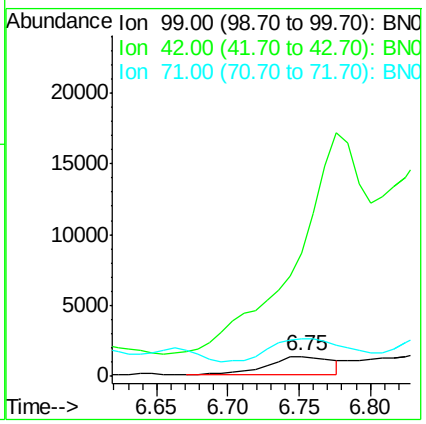


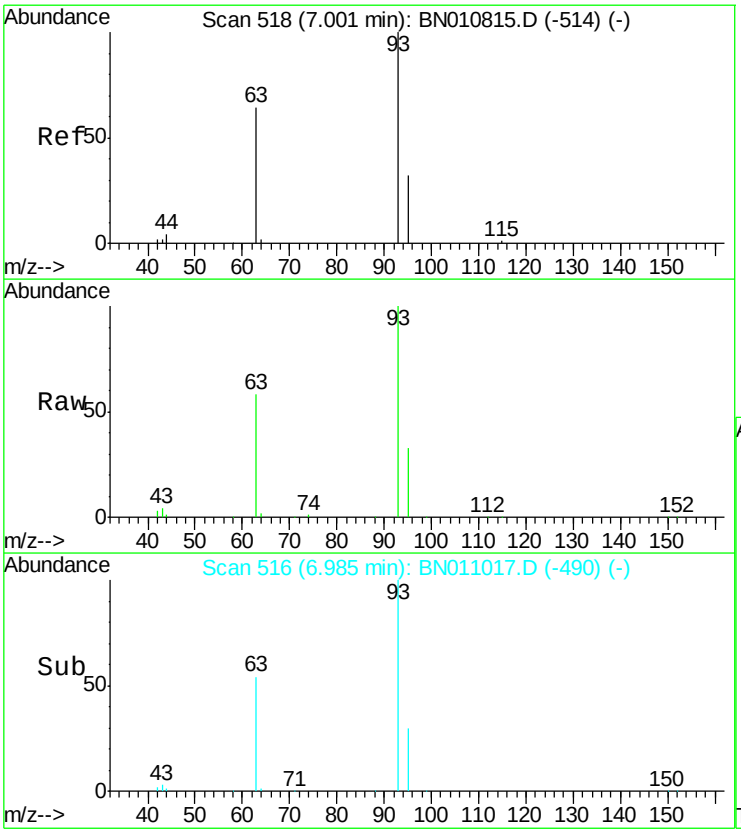
#5
Phenol-d6
Concen: 0.040 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.02 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion: 99 Resp: 3838

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.1	16.7#
71	156.9	31.4	47.2#

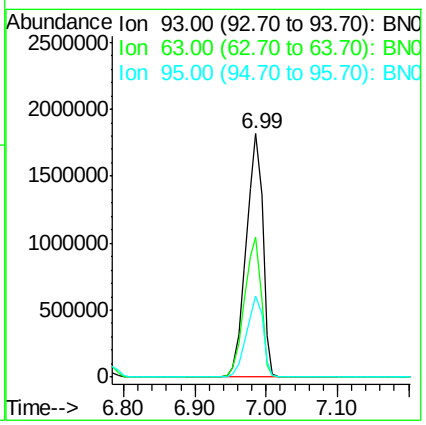


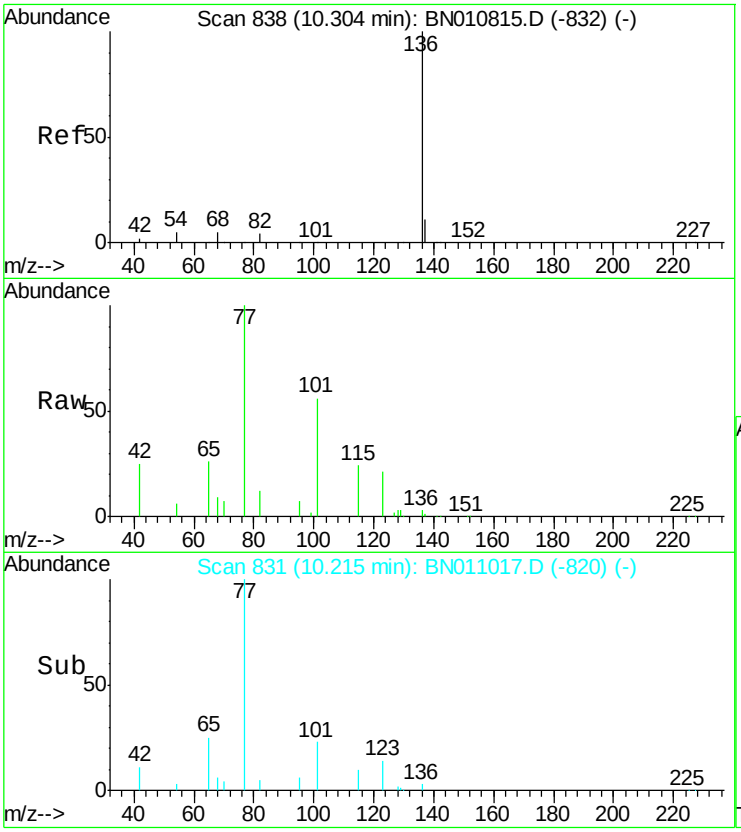


#6
bis(2-Chloroethyl)ether
Concen: 31.320 ng
RT: 6.99 min Scan# 516
Delta R.T. 0.01 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion: 93 Resp: 2965232

Ion	Ratio	Lower	Upper
93	100		
63	57.6	49.4	74.2
95	33.1	26.7	40.1



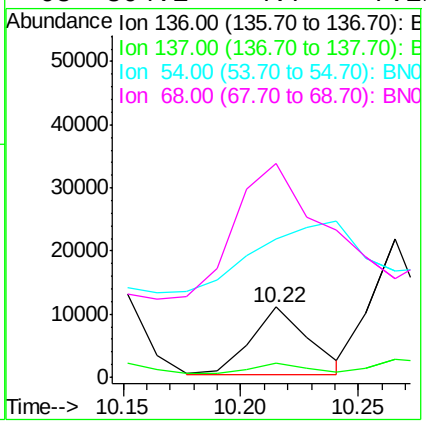


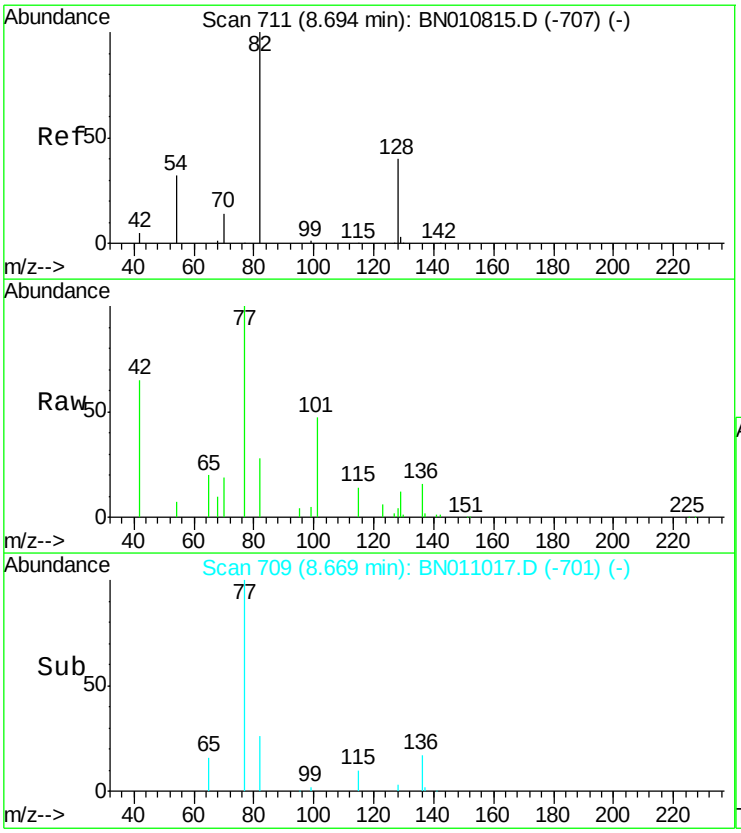
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.22 min Scan# 831
Delta R.T. -0.06 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:136 Resp: 18140

Ion	Ratio	Lower	Upper
136	100		
137	19.7	9.7	14.5#
54	197.6	4.9	7.3#
68	304.1	4.7	7.1#

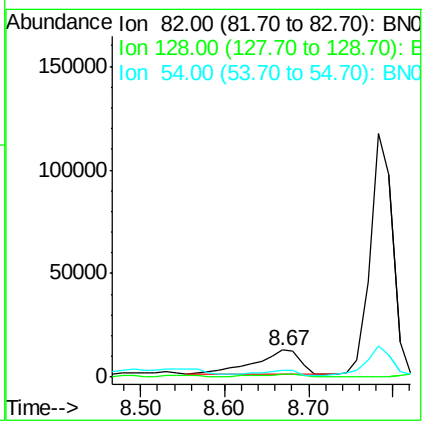


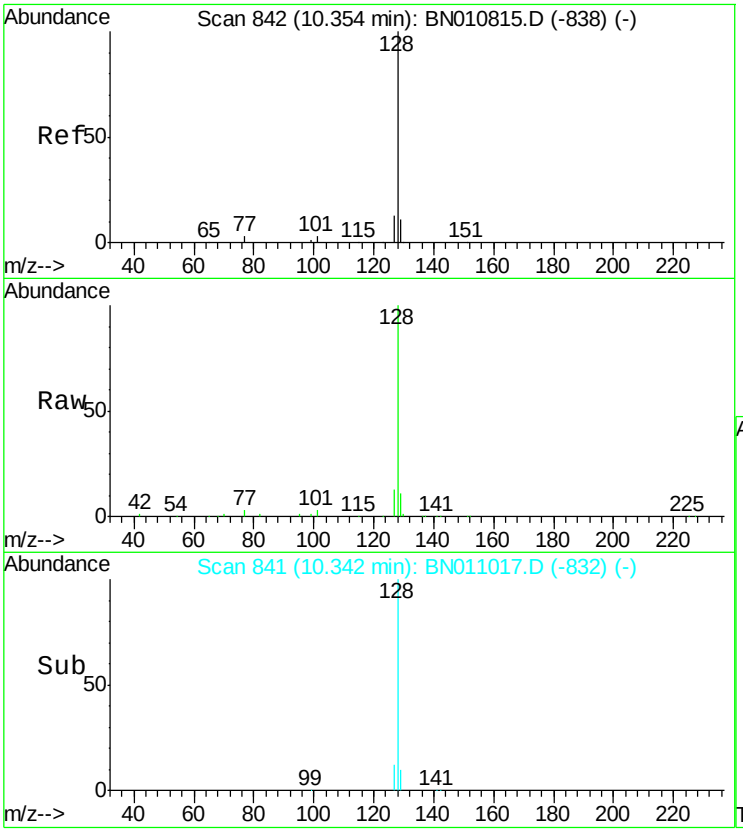


#8
Nitrobenzene-d5
Concen: 3.245 ng
RT: 8.67 min Scan# 709
Delta R.T. 0.00 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion: 82 Resp: 43560

Ion	Ratio	Lower	Upper
82	100		
128	13.5	35.4	53.0#
54	25.4	28.2	42.4#



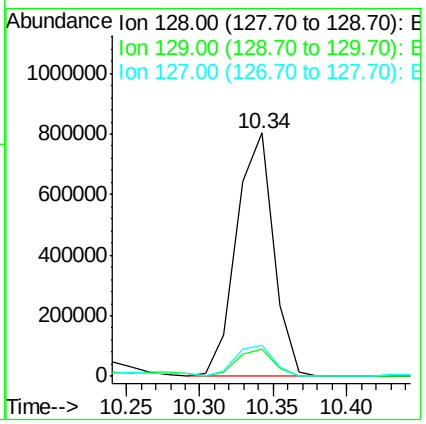


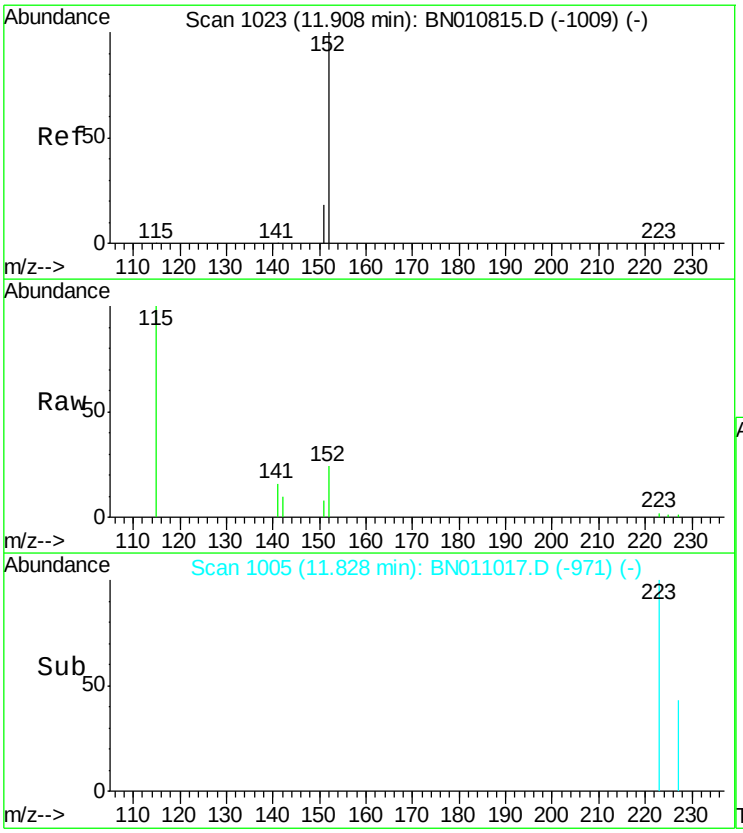
#9
Naphthalene
Concen: 30.613 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.01 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:128 Resp: 1395556

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	12.9	11.4	17.2

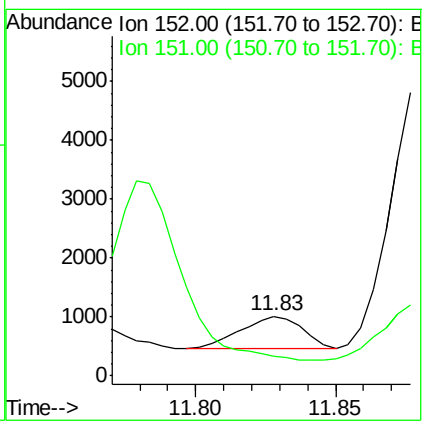


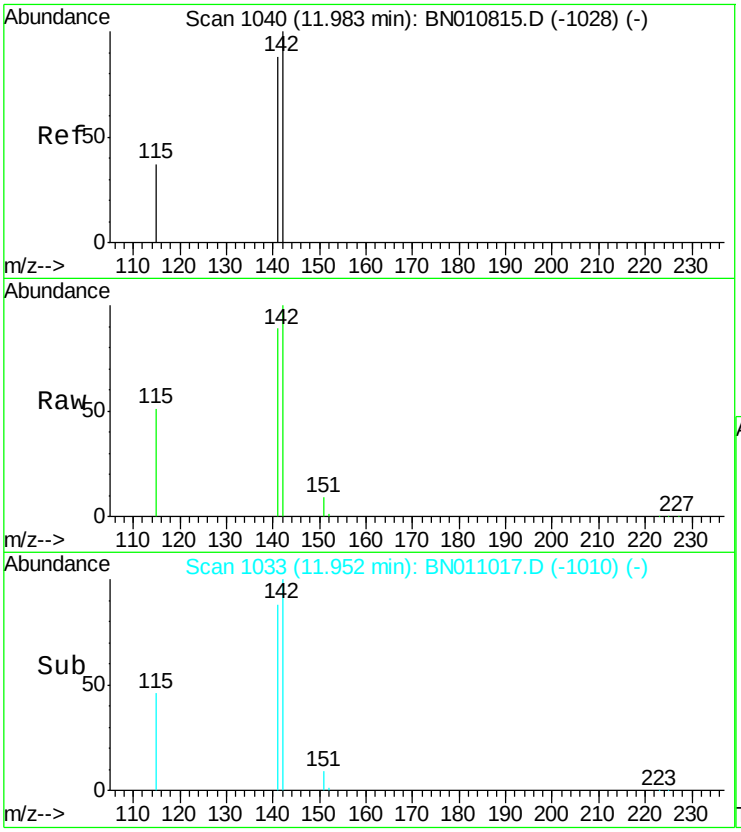


#11
2-Methylnaphthalene-d10
Concen: 0.029 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.05 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:152 Resp: 830

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.3	22.9#



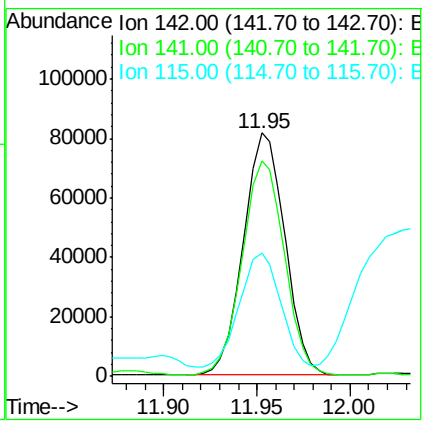


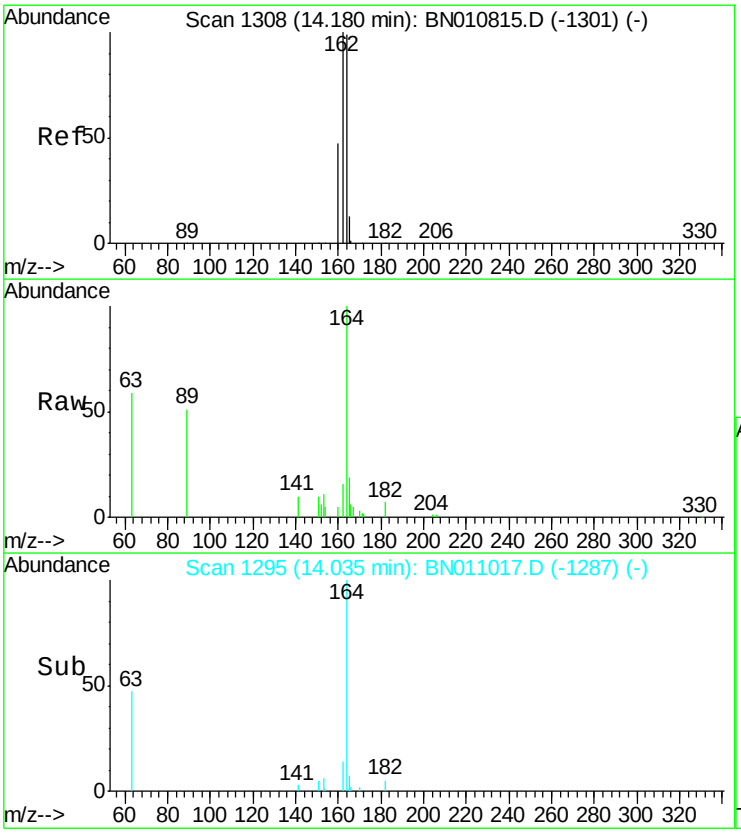
#12
2-Methylnaphthalene
Concen: 4.179 ng
RT: 11.95 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:142 Resp: 127490

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	50.7	31.5	47.3#

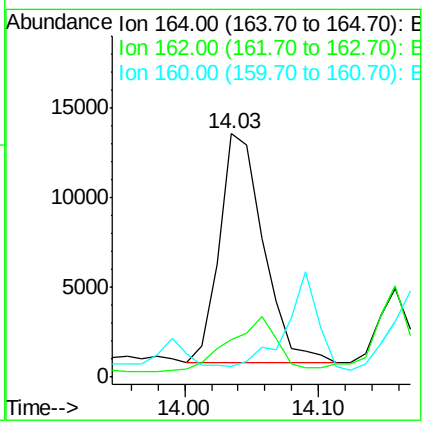


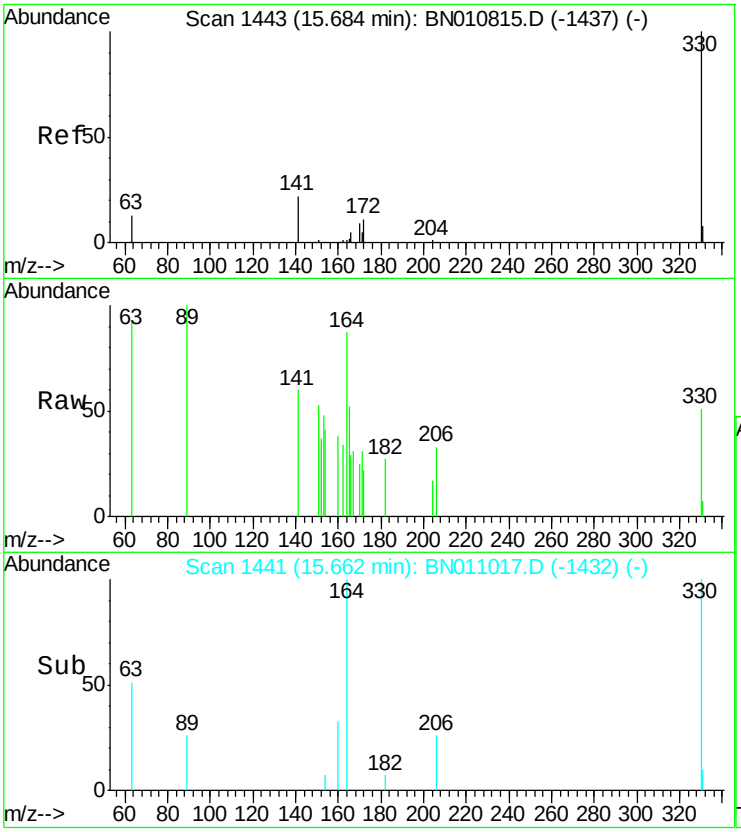


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.11 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:164 Resp: 29240

Ion	Ratio	Lower	Upper
164	100		
162	15.6	81.0	121.6#
160	4.6	38.9	58.3#



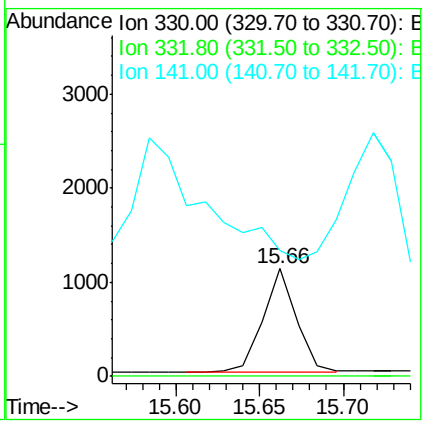


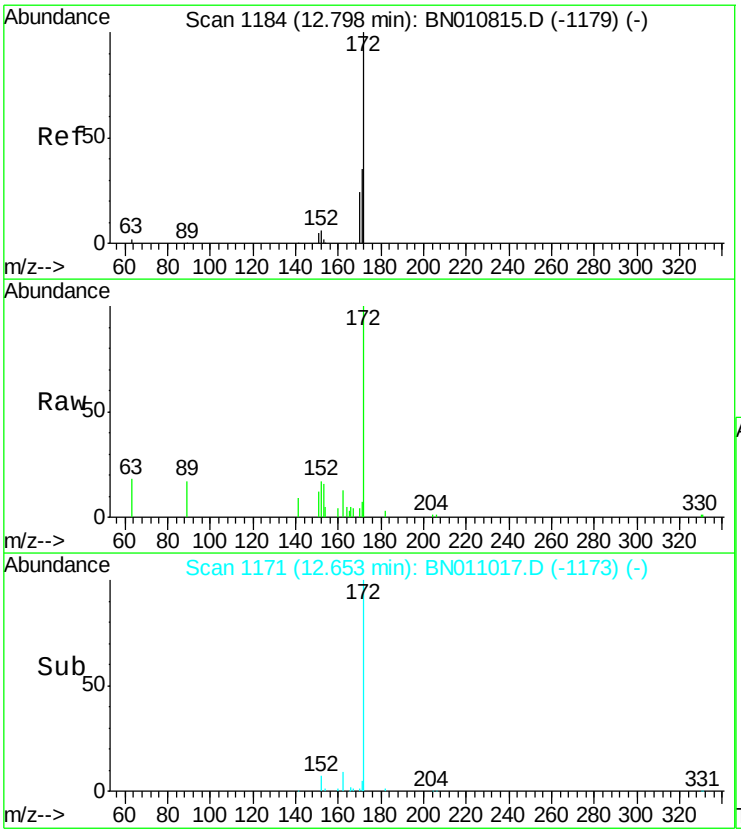
#14
2,4,6-Tribromophenol
Concen: 0.143 ng
RT: 15.66 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:330 Resp: 1491

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	33.2	49.8#

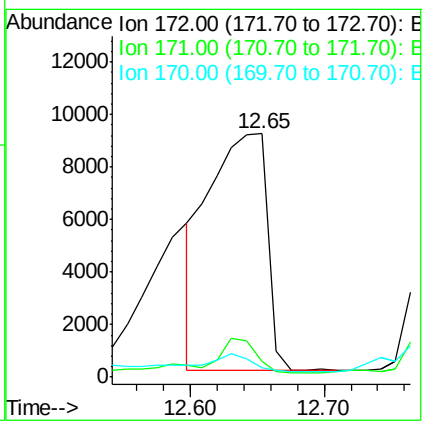


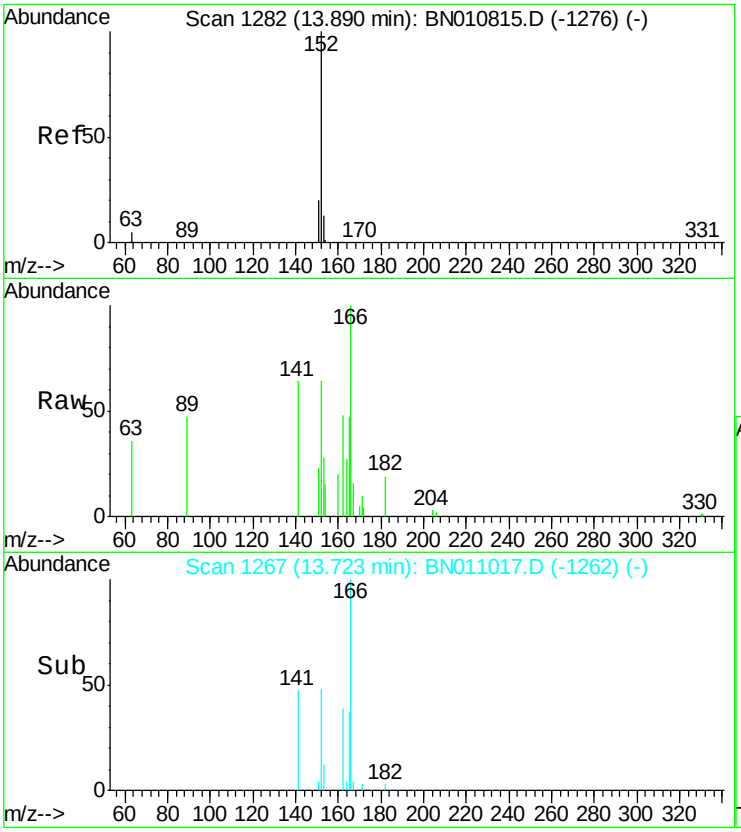


#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.12 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:172 Resp: 27443

Ion	Ratio	Lower	Upper
172	100		
171	6.7	28.5	42.7#
170	3.7	19.7	29.5#



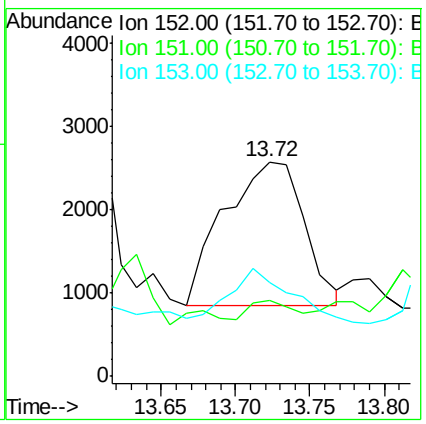


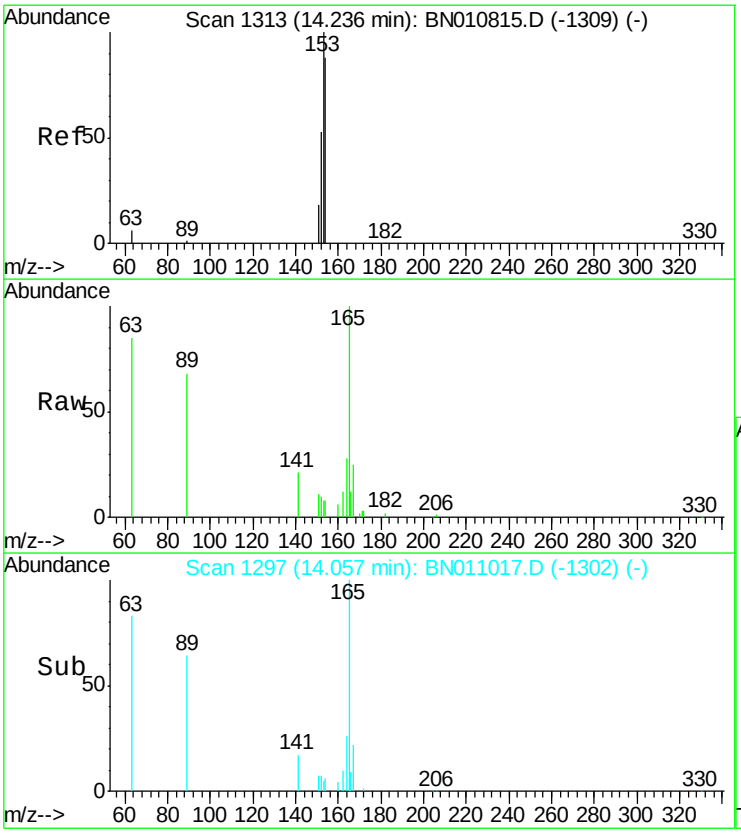
#16
Acenaphthylene
Concen: 0.054 ng
RT: 13.72 min Scan# 1267
Delta R.T. -0.14 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:152 Resp: 6433

Ion	Ratio	Lower	Upper
152	100		
151	6.5	15.6	23.4#
153	29.2	10.6	16.0#

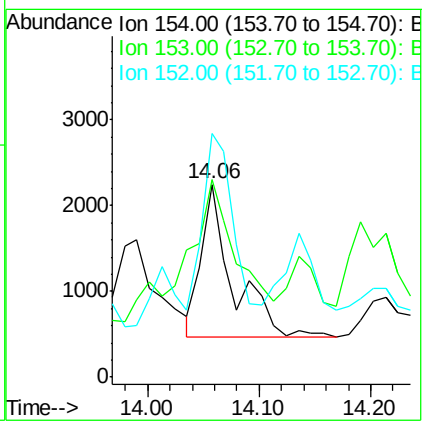


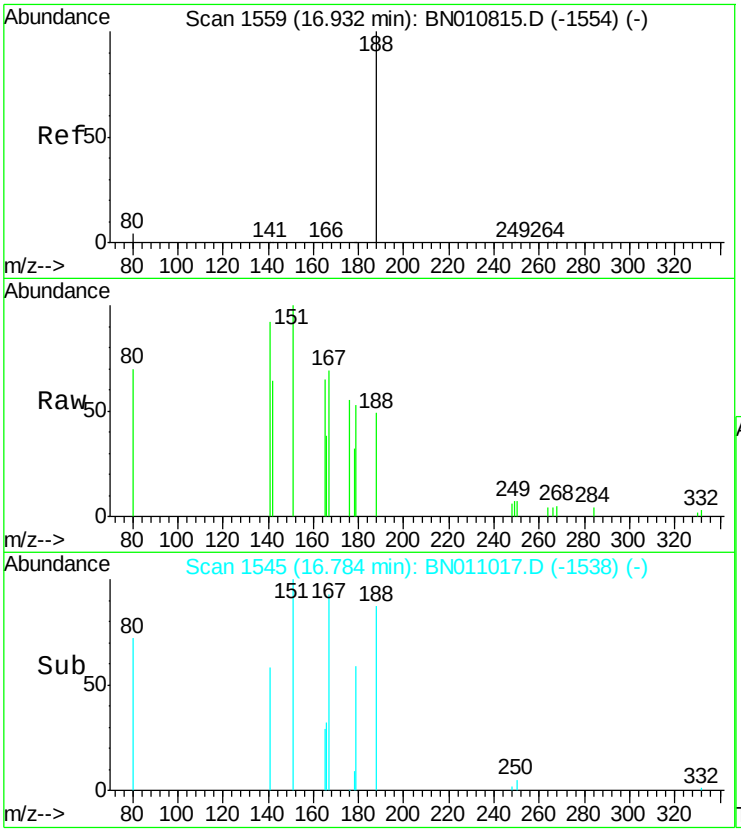


#17
Acenaphthene
Concen: 0.043 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.16 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:154 Resp: 3511

Ion	Ratio	Lower	Upper
154	100		
153	87.3	91.8	137.6#
152	106.9	47.6	71.4#



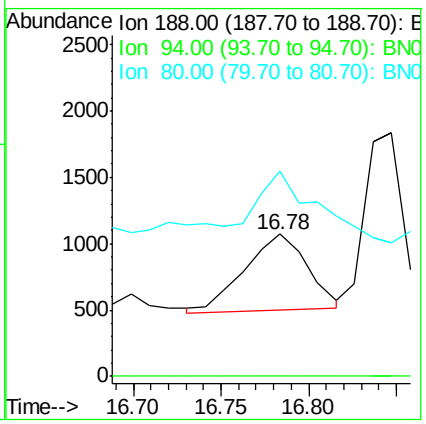


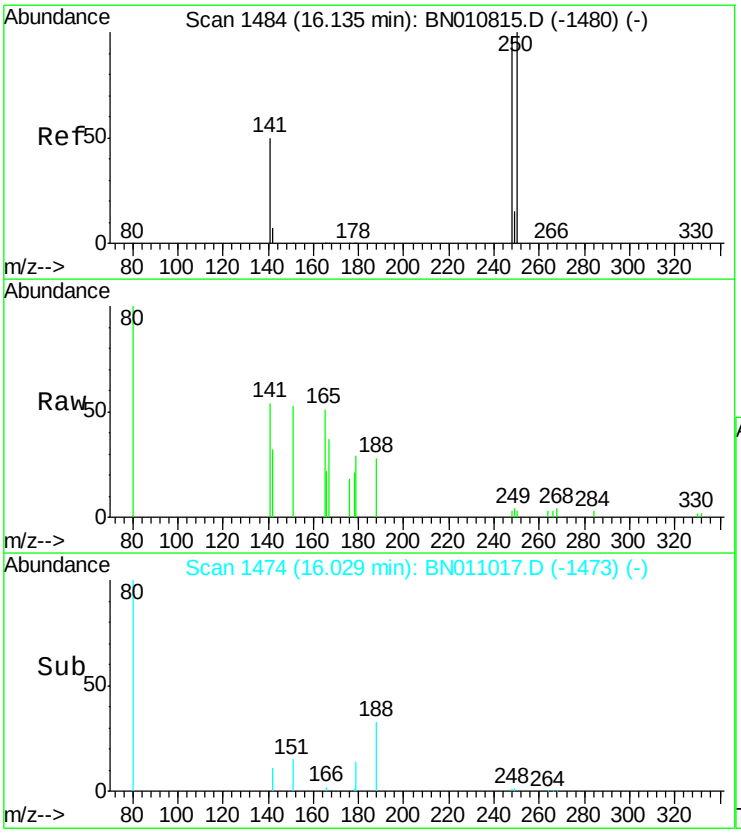
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. -0.13 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:188 Resp: 1436

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	144.3	4.5	6.7#

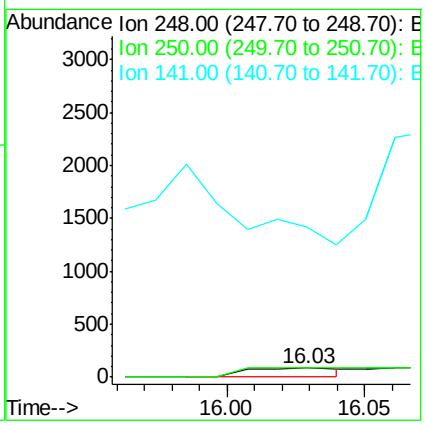


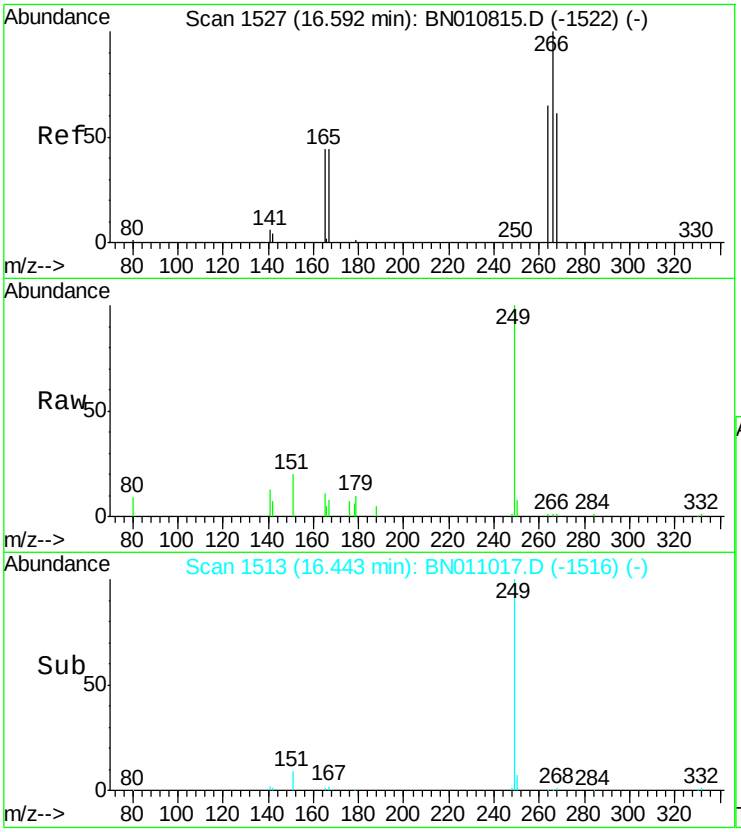


#20
4-Bromophenyl-phenylether
Concen: 0.240 ng
RT: 16.03 min Scan# 1474
Delta R.T. -0.08 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:248 Resp: 207

Ion	Ratio	Lower	Upper
248	100		
250	104.8	81.8	122.8
141	1712.0	42.6	64.0#



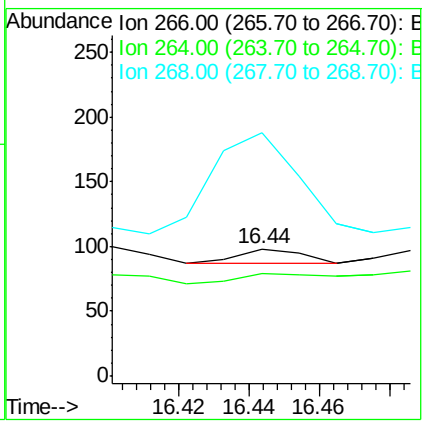


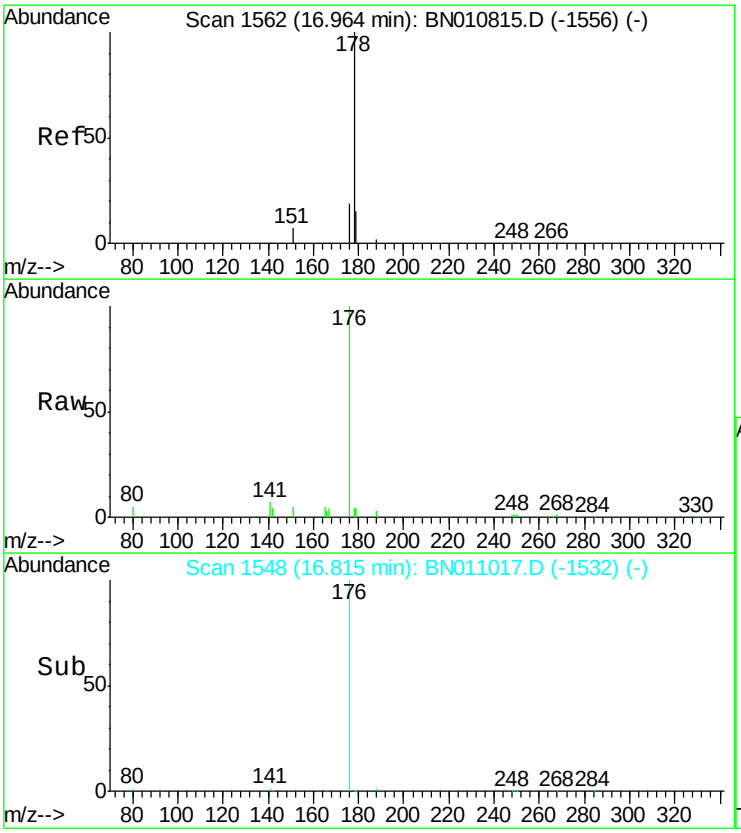
#22
Pentachlorophenol
Concen: 0.046 ng
RT: 16.44 min Scan# 1513
Delta R.T. -0.13 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	80.6	54.8	82.2
268	191.8	55.9	83.9#

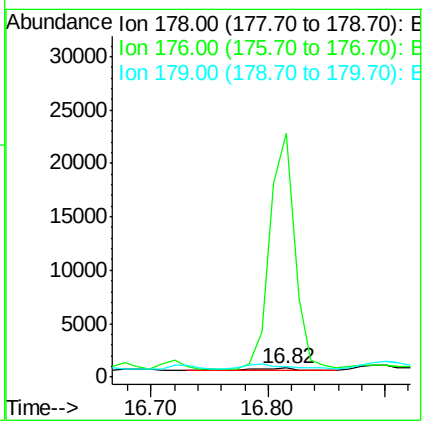


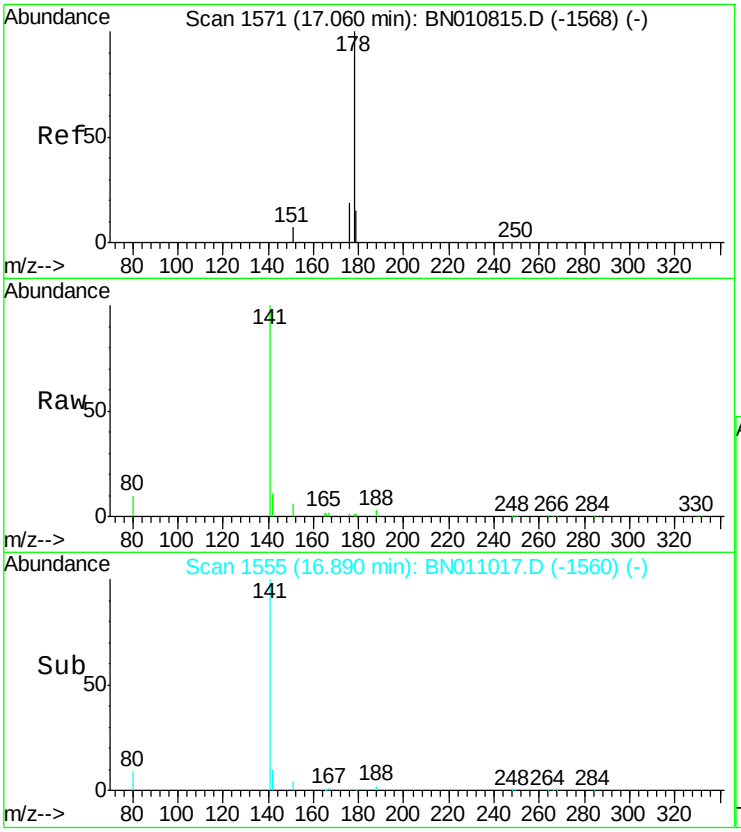


#23
Phenanthrene
Concen: 0.179 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.13 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:178 Resp: 703

Ion	Ratio	Lower	Upper
178	100		
176	4700.3	15.3	22.9#
179	0.0	12.6	19.0#



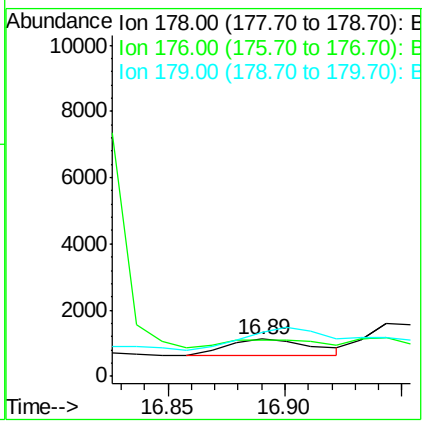


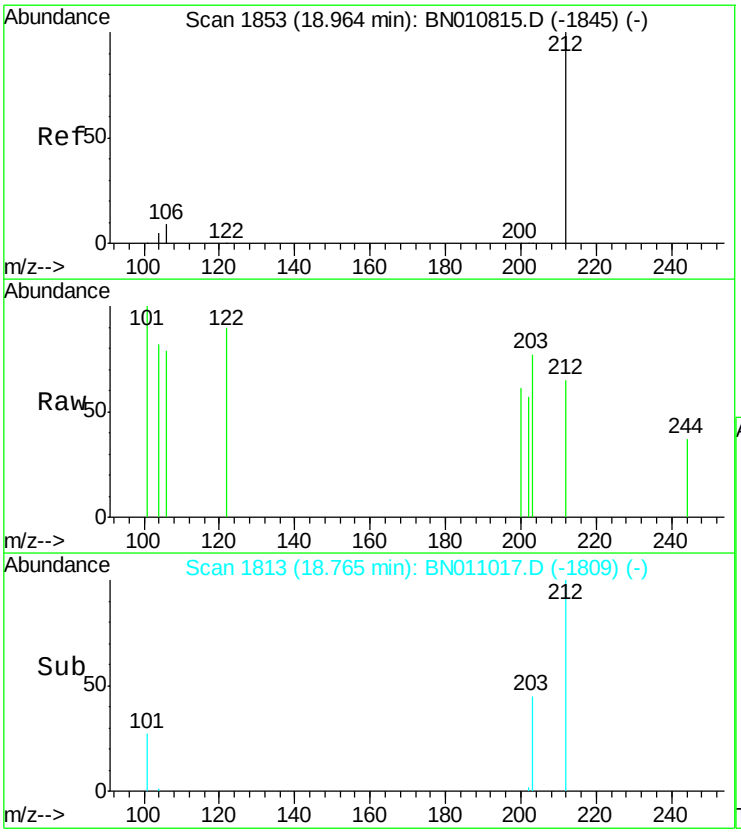
#24
Anthracene
Concen: 0.399 ng
RT: 16.89 min Scan# 1555
Delta R.T. -0.15 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:178 Resp: 1306

Ion	Ratio	Lower	Upper
178	100		
176	52.3	14.6	22.0#
179	195.1	12.3	18.5#

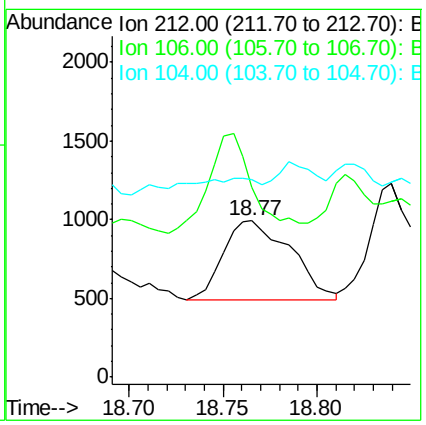


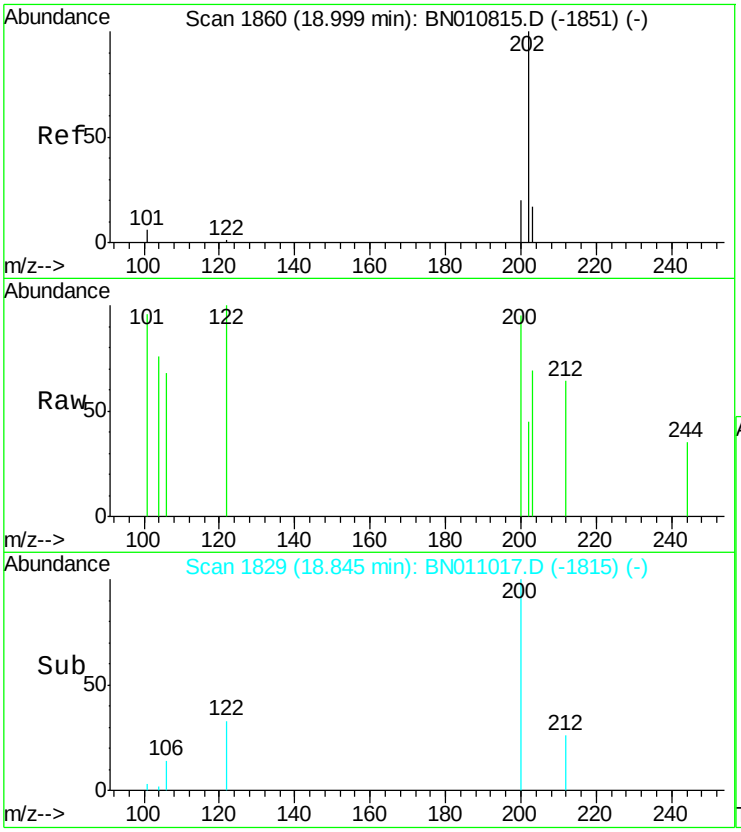


#25
Fluoranthene-d10
Concen: 0.316 ng
RT: 18.77 min Scan# 1813
Delta R.T. -0.18 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:212 Resp: 1252

Ion	Ratio	Lower	Upper
212	100		
106	85.2	6.6	10.0#
104	24.7	4.0	6.0#



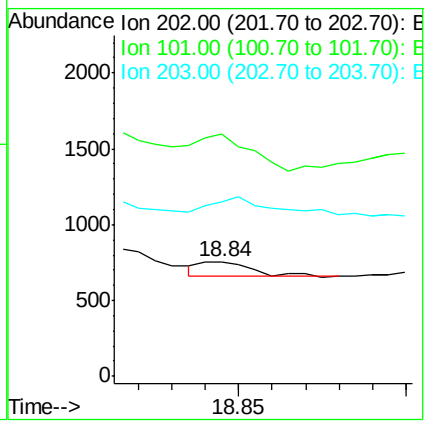


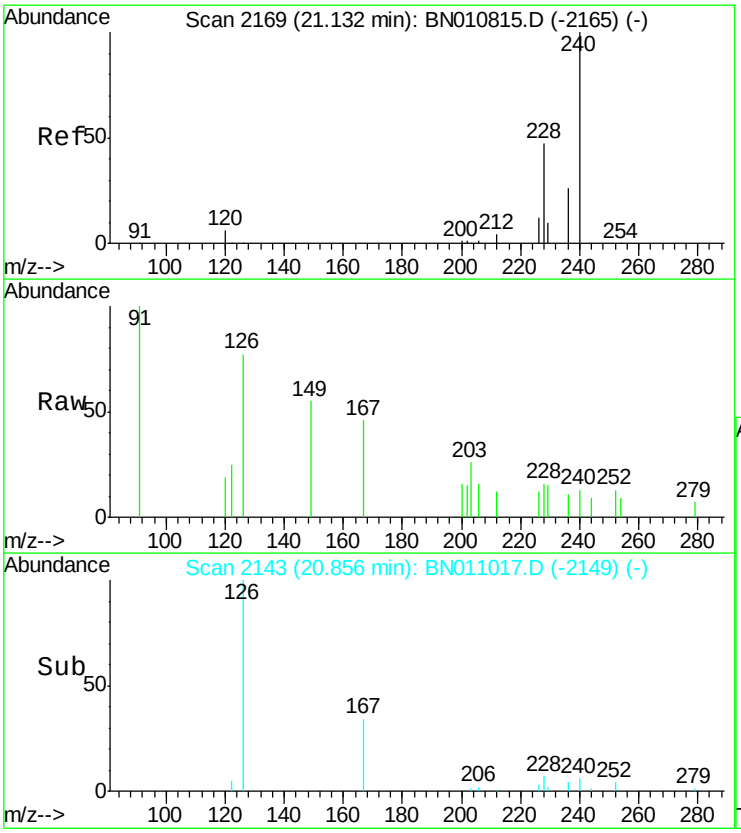
#26
Fluoranthene
Concen: 0.025 ng
RT: 18.84 min Scan# 1829
Delta R.T. -0.13 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:202 Resp: 113

Ion	Ratio	Lower	Upper
202	100		
101	256.6	5.8	8.6#
203	142.5	13.7	20.5#

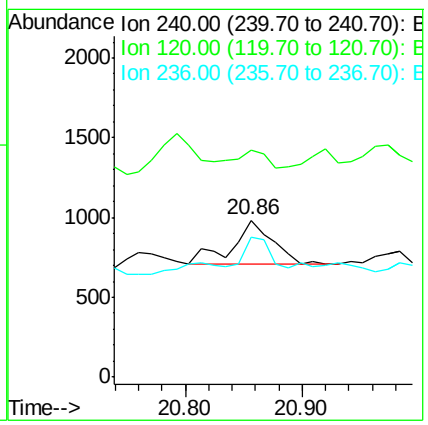


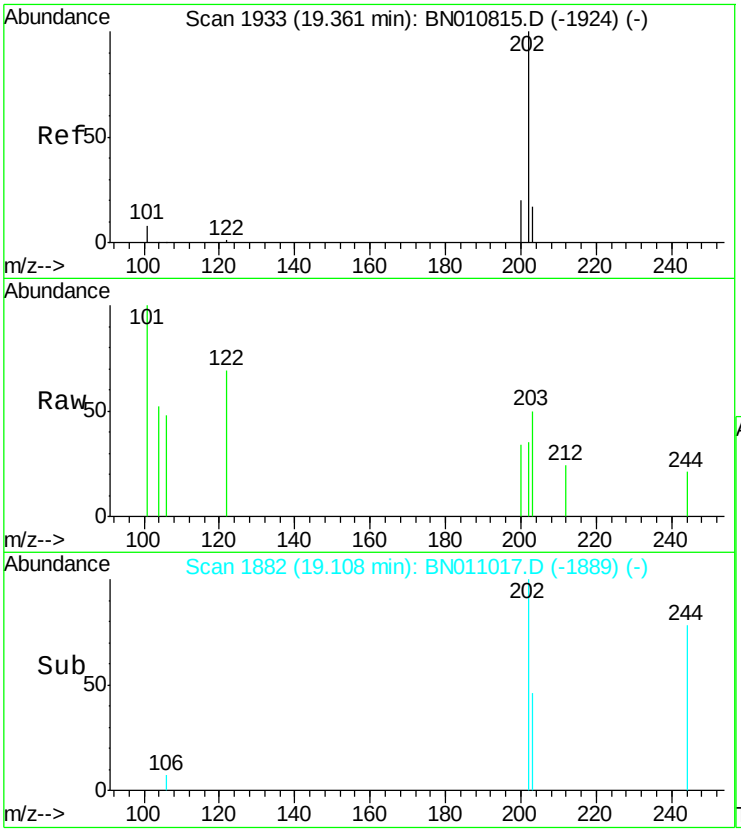


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.86 min Scan# 2143
Delta R.T. -0.27 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:240 Resp: 675

Ion	Ratio	Lower	Upper
240	100		
120	144.9	7.5	11.3#
236	89.6	22.3	33.5#



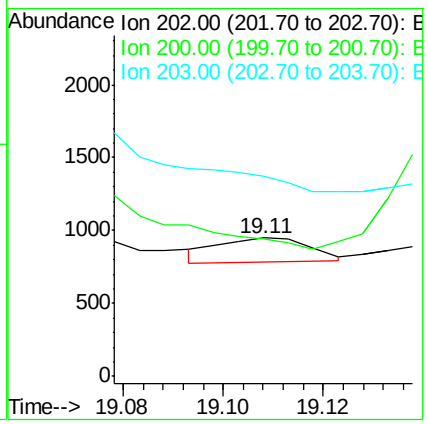


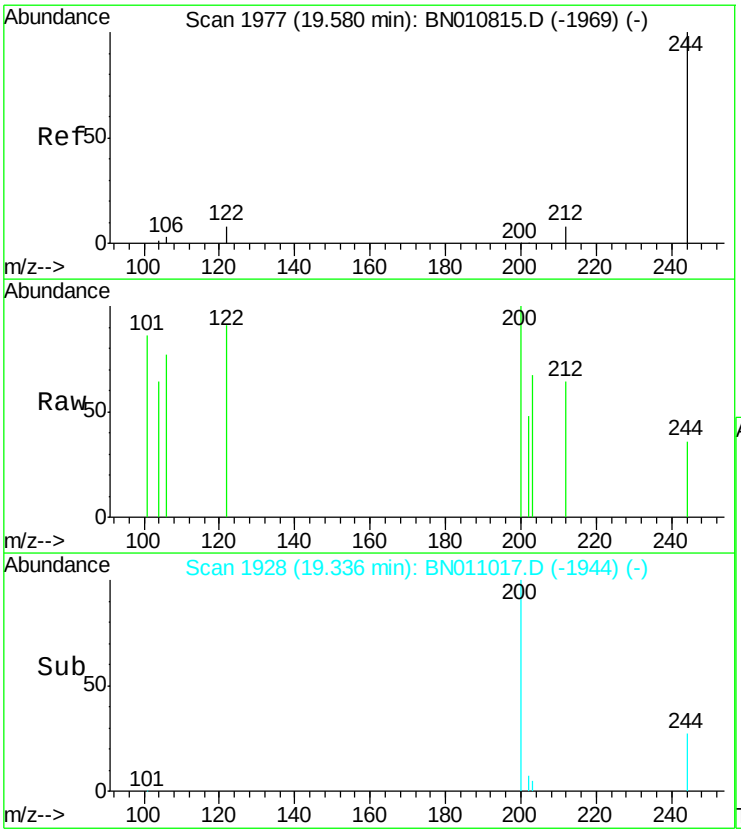
#28
Pyrene
Concen: 0.096 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.23 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:202 Resp: 214

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.4	24.6#
203	0.0	14.2	21.4#

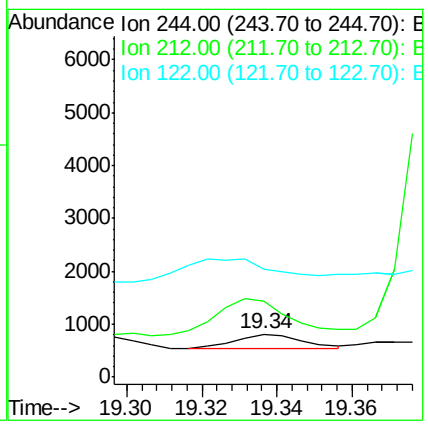


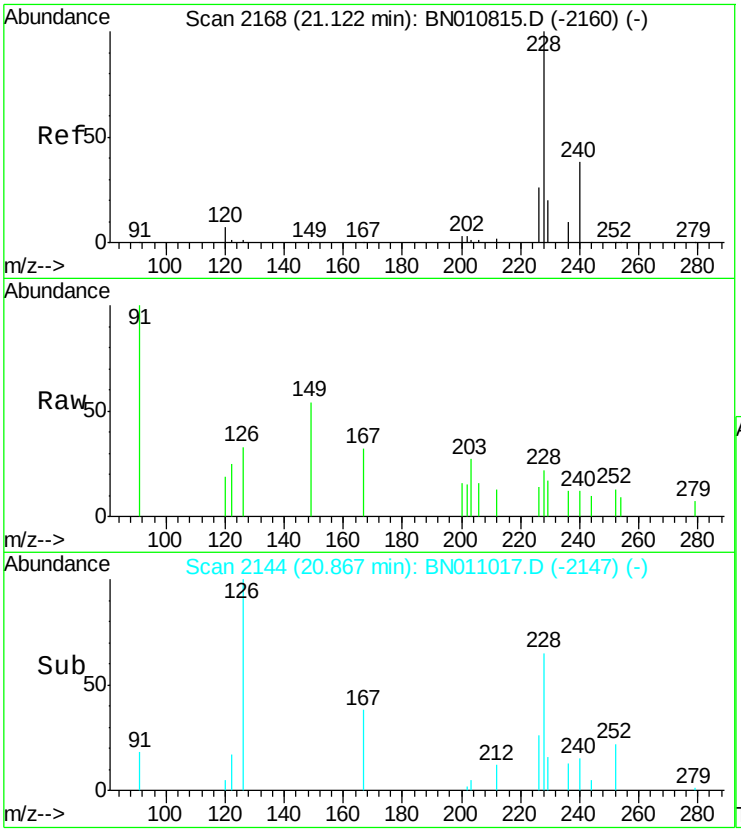


#29
Terphenyl-d14
Concen: 0.208 ng
RT: 19.34 min Scan# 1928
Delta R.T. -0.23 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:244 Resp: 329

Ion	Ratio	Lower	Upper
244	100		
212	177.1	7.4	11.2#
122	252.5	7.5	11.3#



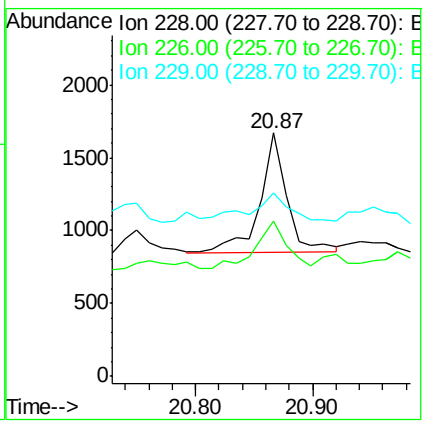


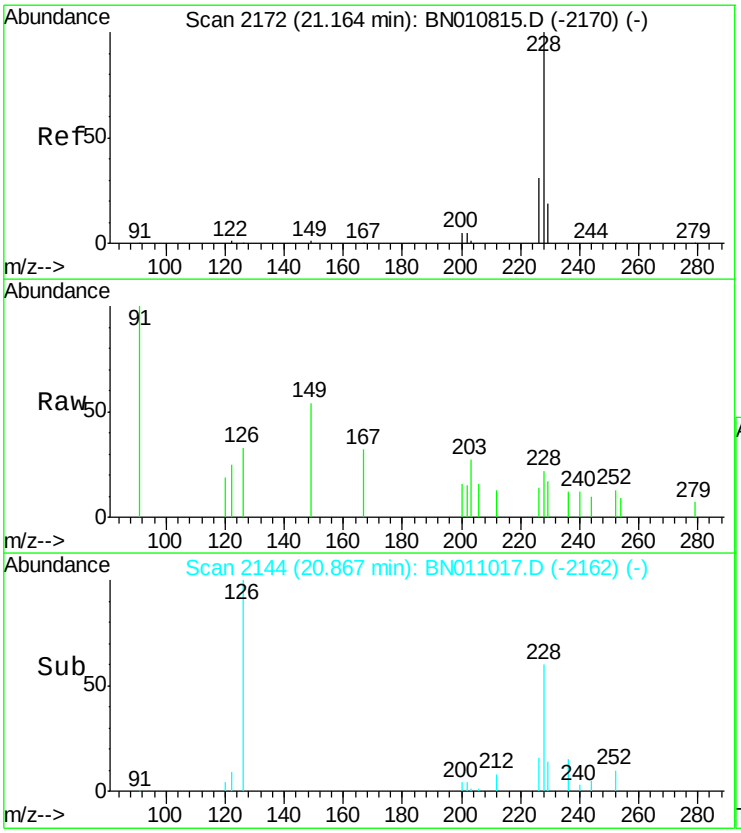
#30
Benzo(a)anthracene
Concen: 0.678 ng
RT: 20.87 min Scan# 2144
Delta R.T. -0.23 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:228 Resp: 1346

Ion	Ratio	Lower	Upper
228	100		
226	63.9	21.3	31.9#
229	75.6	16.6	24.8#

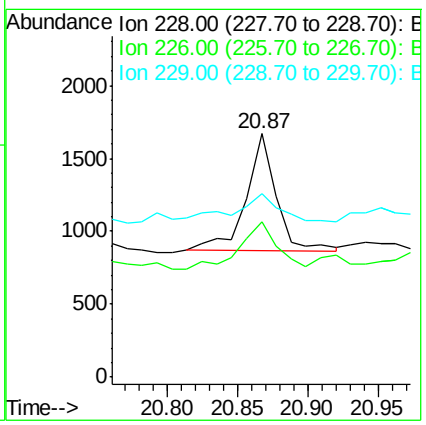


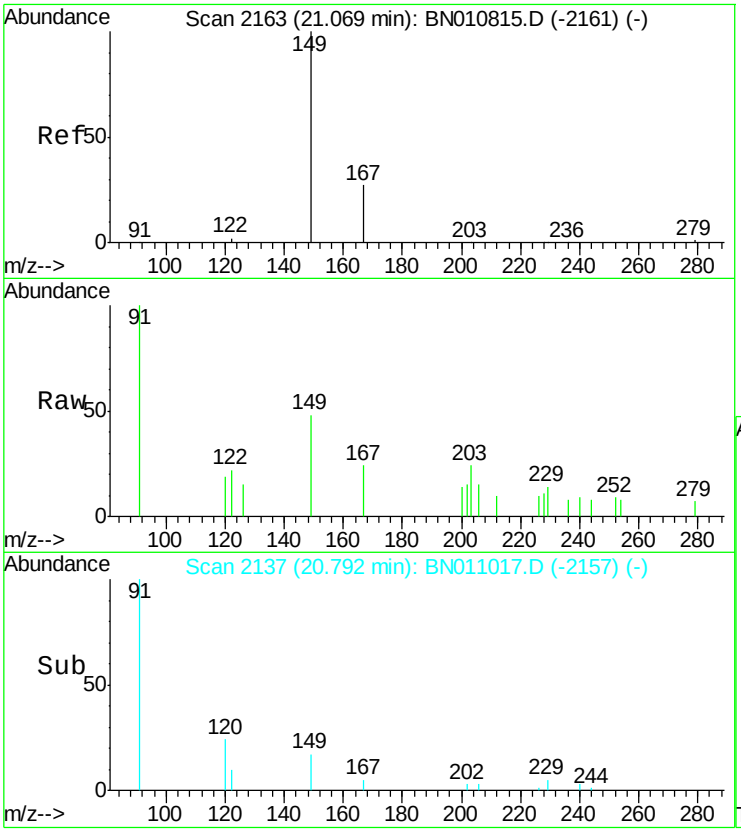


#31
Chrysene
Concen: 0.522 ng
RT: 20.87 min Scan# 2144
Delta R.T. -0.29 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:228 Resp: 1206

Ion	Ratio	Lower	Upper
228	100		
226	63.9	25.0	37.6#
229	75.6	16.1	24.1#



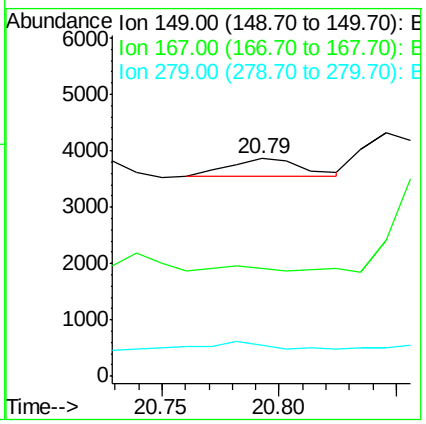


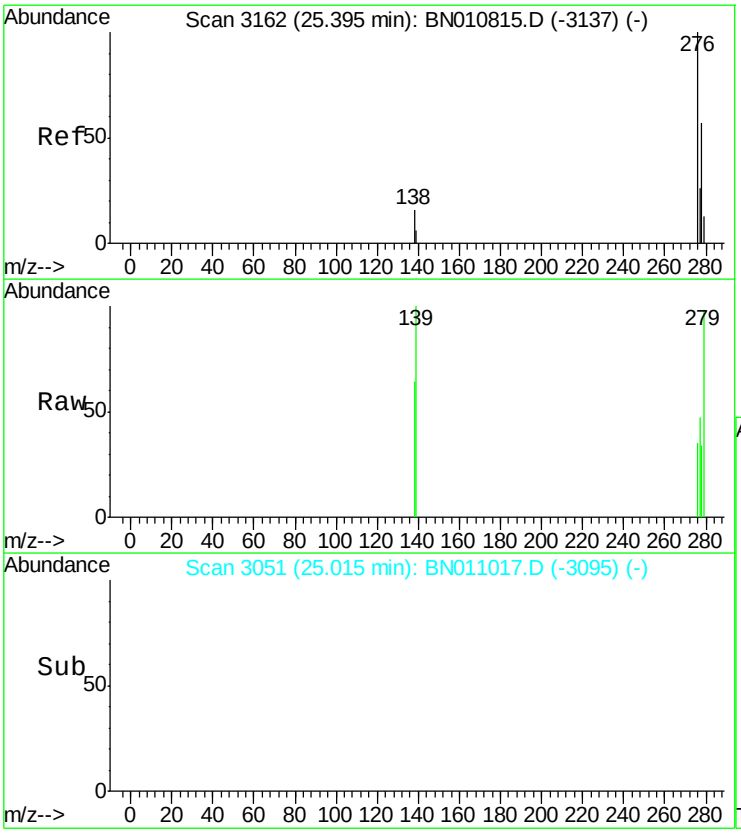
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.034 ng
RT: 20.79 min Scan# 2137
Delta R.T. -0.27 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:149 Resp: 684

Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.1	36.1#
279	20.6	4.6	7.0#

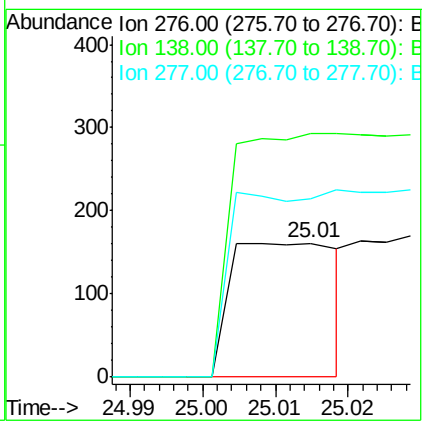


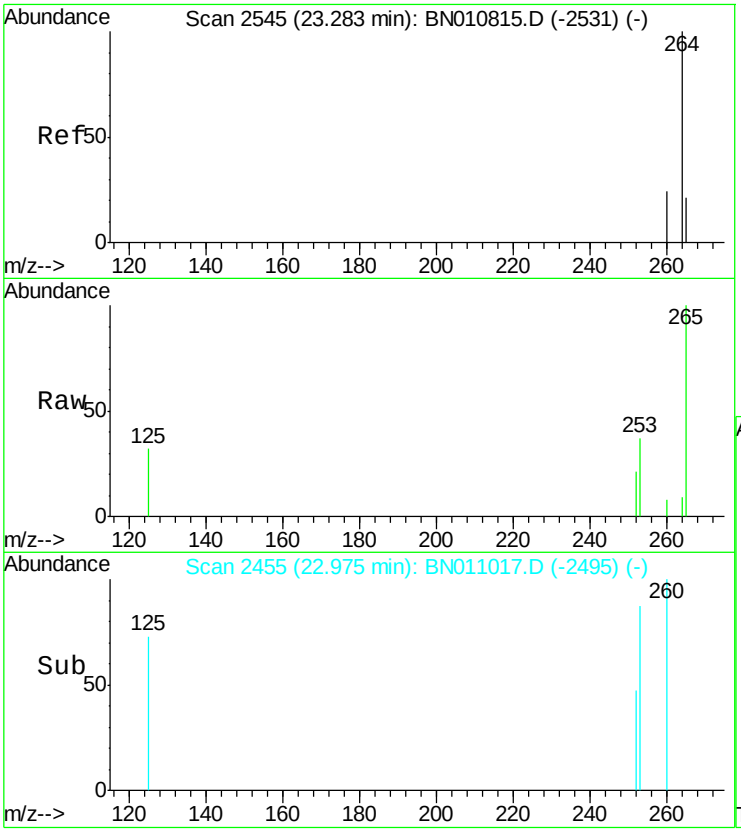


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng
RT: 25.01 min Scan# 3051
Delta R.T. -0.35 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:276 Resp: 163

Ion	Ratio	Lower	Upper
276	100		
138	254.6	13.0	19.6#
277	82.2	19.7	29.5#



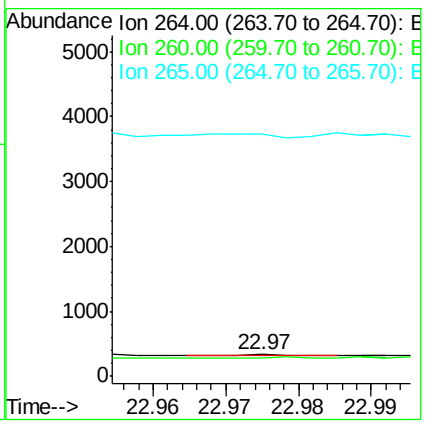


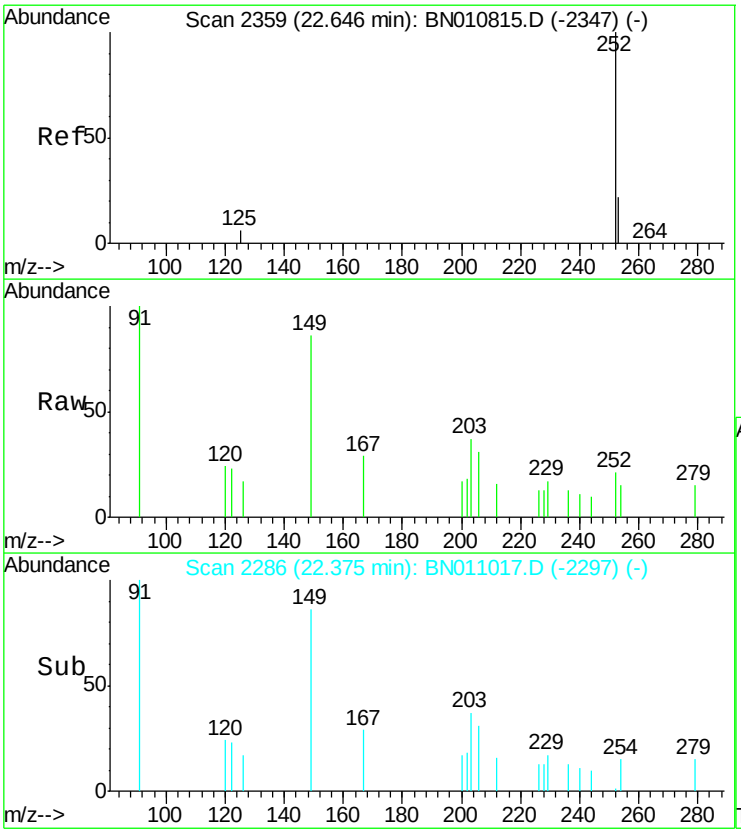
#34
Perylene-d12
Concen: 0.400 ng
RT: 22.97 min Scan# 2455
Delta R.T. -0.29 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:264 Resp: 13

Ion	Ratio	Lower	Upper
264	100		
260	85.3	20.4	30.6#
265	1121.0	75.0	112.4#

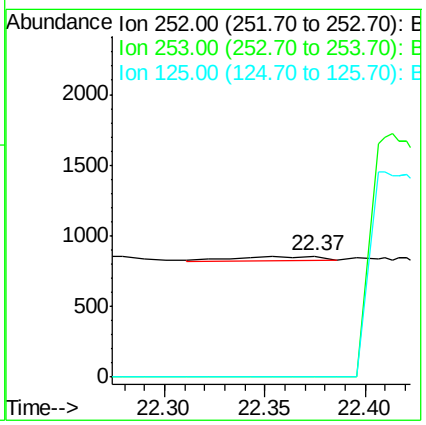


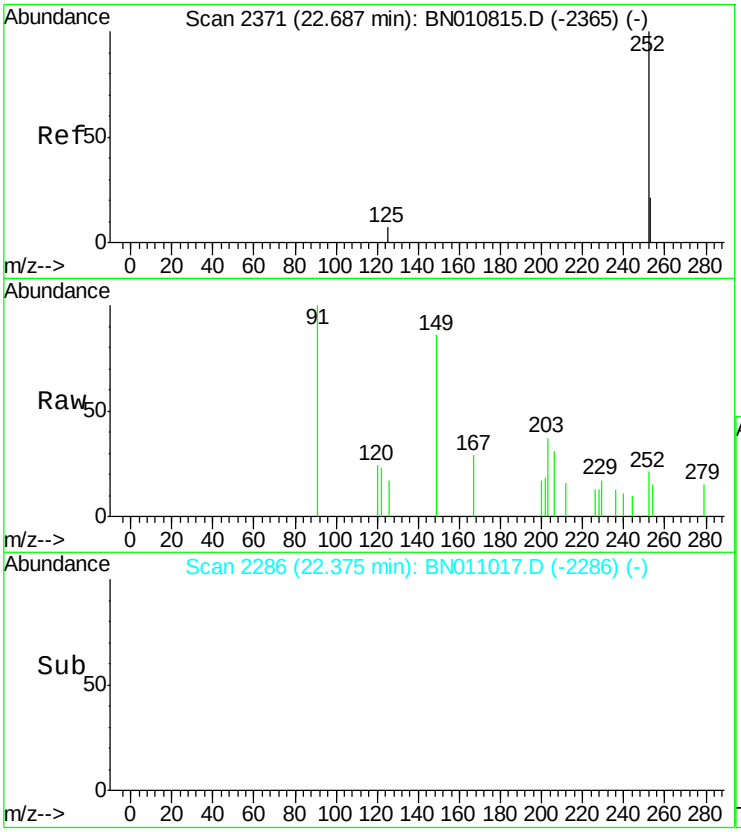


#35
Benzo(b)fluoranthene
Concen: 1.855 ng
RT: 22.37 min Scan# 2286
Delta R.T. -0.26 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:252 Resp: 82

Ion	Ratio	Lower	Upper
252	100		
253	0.0	22.4	33.6#
125	0.0	9.4	14.0#



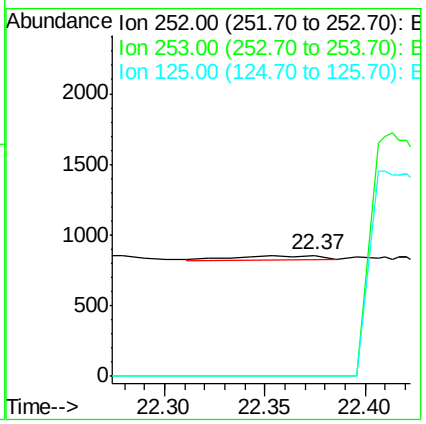


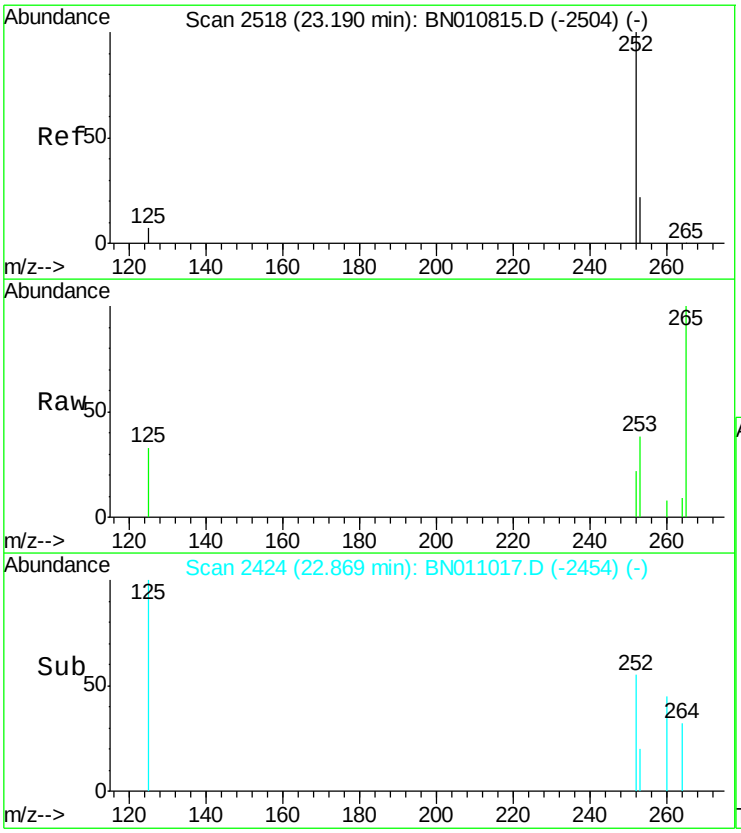
#36
Benzo(k)fluoranthene
Concen: 1.784 ng
RT: 22.37 min Scan# 2286
Delta R.T. -0.30 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:252 Resp: 84

Ion	Ratio	Lower	Upper
252	100		
253	0.0	22.2	33.4#
125	0.0	9.8	14.8#

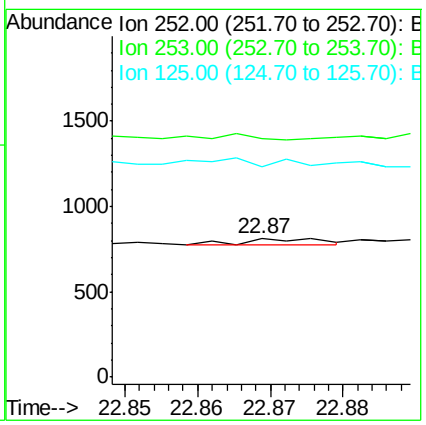


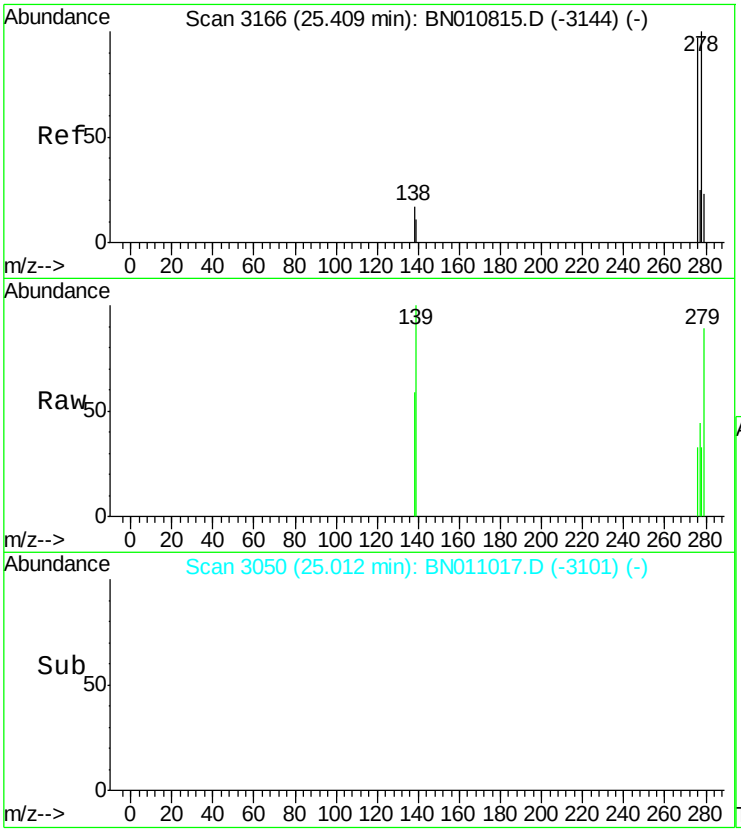


#37
Benzo(a)pyrene
Concen: 0.791 ng
RT: 22.87 min Scan# 2424
Delta R.T. -0.30 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:252 Resp: 30

Ion	Ratio	Lower	Upper
252	100		
253	172.4	25.8	38.8#
125	152.3	12.4	18.6#



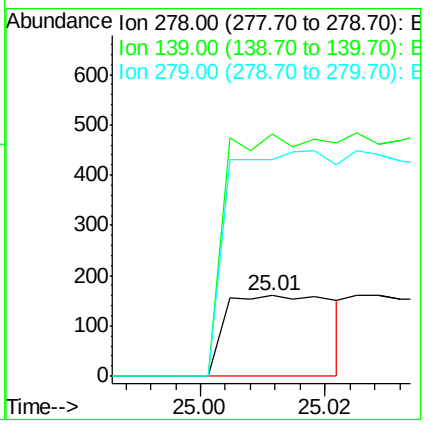


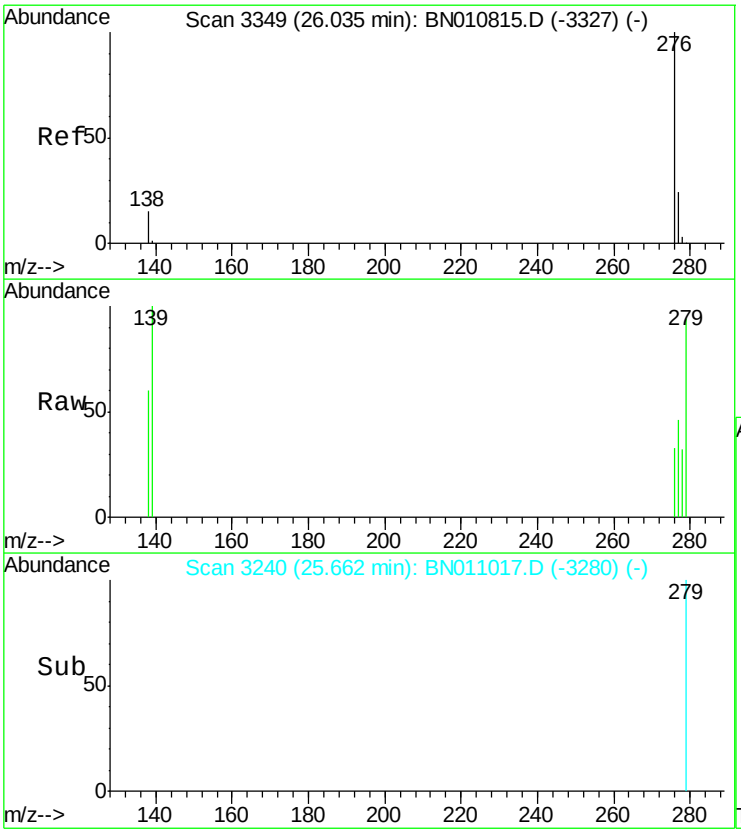
#38
Dibenzo(a,h)anthracene
Concen: 4.417 ng
RT: 25.01 min Scan# 3050
Delta R.T. -0.37 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Instrument :
BNA_N
ClientSampleId :
Z1-DUP-0572-200616

Tgt Ion:278 Resp: 191

Ion	Ratio	Lower	Upper
278	100		
139	300.6	10.6	15.8#
279	268.8	23.6	35.4#





#39
Benzo(g,h,i)perylene
Concen: 0.288 ng
RT: 25.66 min Scan# 3240
Delta R.T. -0.34 min
Lab File: BN011017.D
Acq: 22 Jun 2020 19:51

Tgt Ion:276 Resp: 13

Ion	Ratio	Lower	Upper
276	100		
277	138.1	20.5	30.7#
138	182.5	13.7	20.5#