Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
Data File : BN006766.D
Acq On : 09 Jul 2019 11:33
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jul 09 12:32:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 12:25:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2945	0.40	ng		0.00
7) Naphthalene-d8	10.35	136	11810	0.40	ng		-0.01
13) Acenaphthene-d10	14.23	164	6632	0.40	ng		-0.01
19) Phenanthrene-d10	17.00	188	15036	0.40	ng		0.00
27) Chrysene-d12	21.24	240	15560	0.40	ng		0.00
34) Perylene-d12	23.49	264	16106	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	23334	2.92	ng		-0.03
5) Phenol-d6	6.77	99	32123	3.17	ng		-0.05
8) Nitrobenzene-d5	8.73	82	29944	3.31	ng		-0.05
11) 2-Methylnaphthalene-d10	11.96	152	57267	3.23	ng		-0.02
14) 2,4,6-Tribromophenol	15.75	330	11480	3.52	ng		-0.02
15) 2-Fluorobiphenyl	12.85	172	81560	3.14	ng		-0.01
25) Fluoranthene-d10	19.05	212	144637	3.36	ng		0.00
29) Terphenyl-d14	19.66	244	108292	3.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	14161	3.077	ng		95
3) n-Nitrosodimethylamine	3.43	42	14631	4.215	ng	#	98
6) bis(2-Chloroethyl)ether	7.01	93	28260	3.304	ng	#	79
9) Naphthalene	10.40	128	100131	3.099	ng		98
10) Hexachlorobutadiene	10.68	225	20373	3.115	ng	#	99
12) 2-Methylnaphthalene	12.03	142	66753	2.784	ng		97
16) Acenaphthylene	13.95	152	108672	3.288	ng		100
17) Acenaphthene	14.30	154	67543	3.204	ng		99
18) Fluorene	15.29	166	86275	3.297	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	29243	3.301	ng		96
21) Hexachlorobenzene	16.31	284	34997	3.321	ng		99
22) Pentachlorophenol	16.69	266	6580	4.353	ng		90
23) Phenanthrene	17.04	178	138511	3.196	ng		100
24) Anthracene	17.13	178	126934	3.241	ng		100
26) Fluoranthene	19.08	202	169290	3.327	ng		99
28) Pyrene	19.45	202	170746	2.742	ng		100
30) Benzo(a)anthracene	21.23	228	159485	2.972	ng		99
31) Chrysene	21.28	228	172893	3.126	ng		100
32) Bis(2-ethylhexyl)phthalate	21.14	149	73261	0.458	ng		99
33) Indeno(1,2,3-cd)pyrene	25.70	276	205526	3.107	ng		100
35) Benzo(b)fluoranthene	22.81	252	172544	3.338	ng		97
36) Benzo(k)fluoranthene	22.86	252	186634	3.329	ng		97
37) Benzo(a)pyrene	23.38	252	165025	3.295	ng		95
38) Dibenzo(a,h)anthracene	25.71	278	165758	3.332	ng		97
39) Benzo(g,h,i)perylene	26.38	276	168665	3.294	ng		99

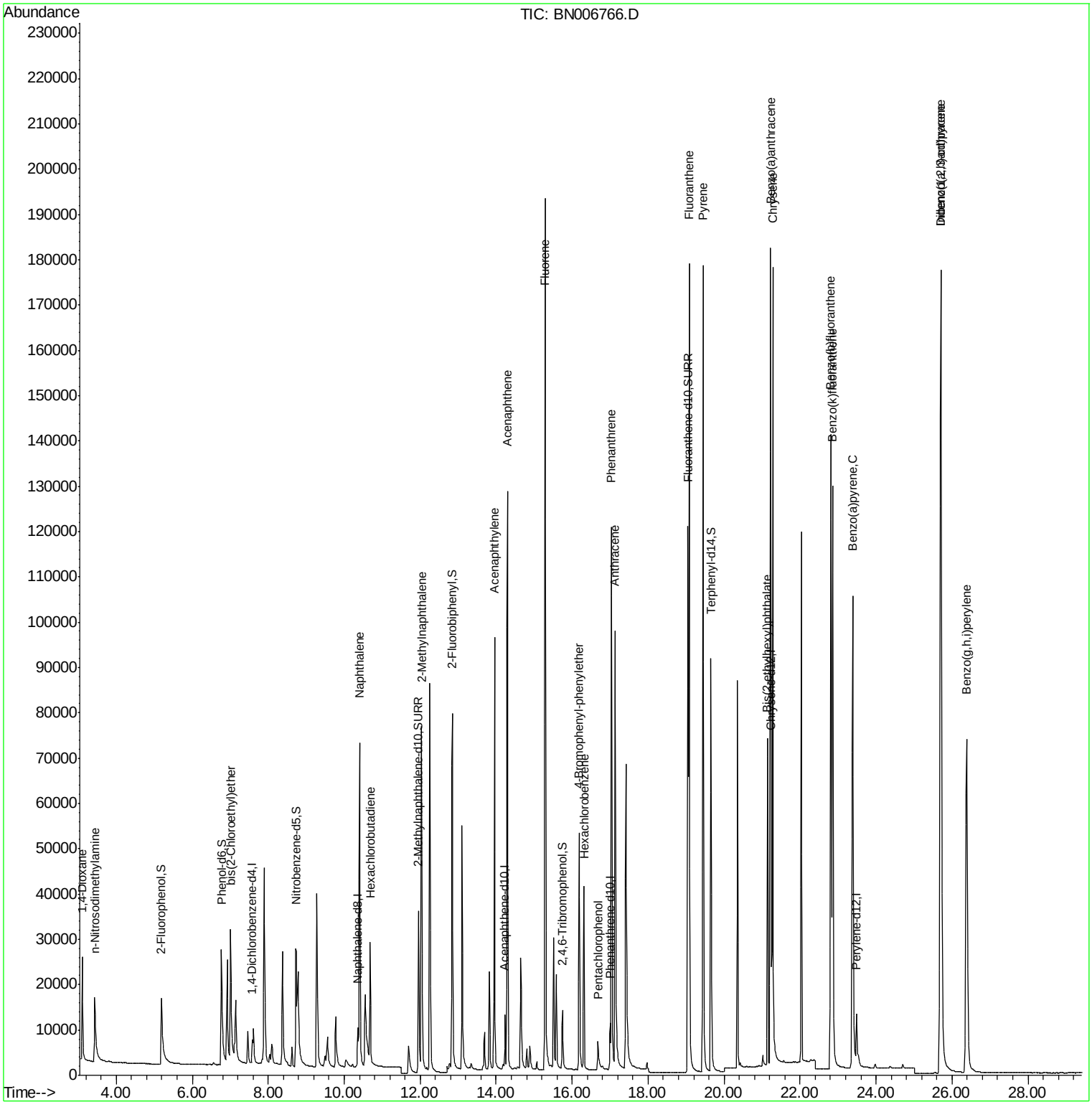
(#) = qualifier out of range (m) = manual integration (+) = signals summed

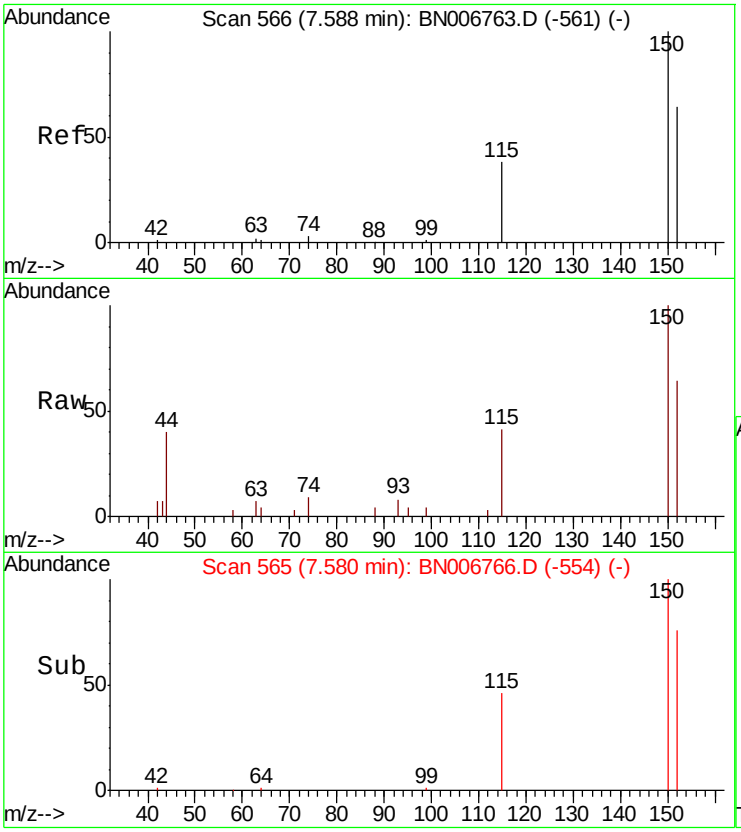
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
Data File : BN006766.D
Acq On : 09 Jul 2019 11:33
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 09 12:32:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 12:25:47 2019
Response via : Initial Calibration



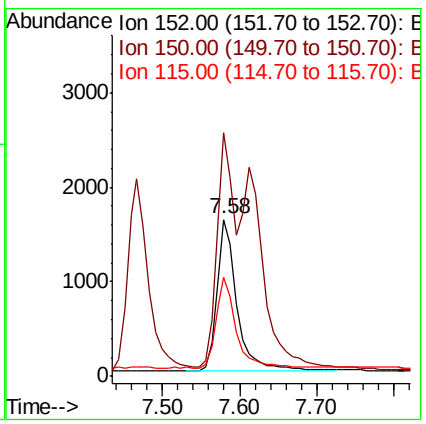


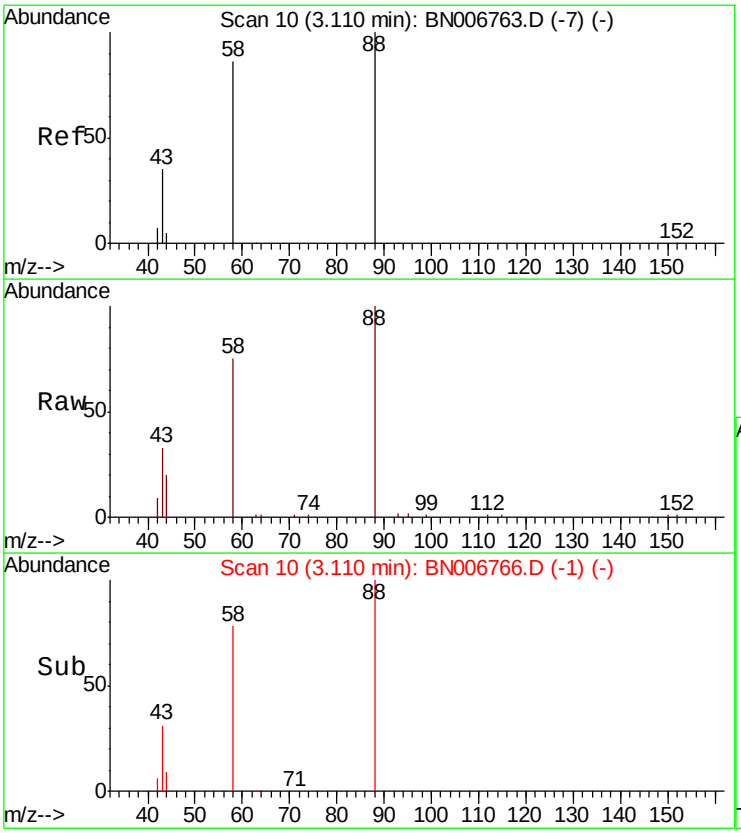
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 565
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2945

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.6	185.4
115	63.5	52.5	78.7

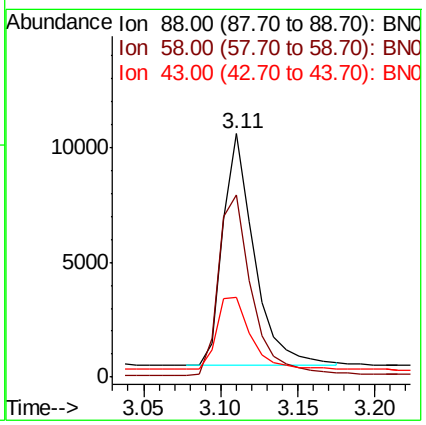


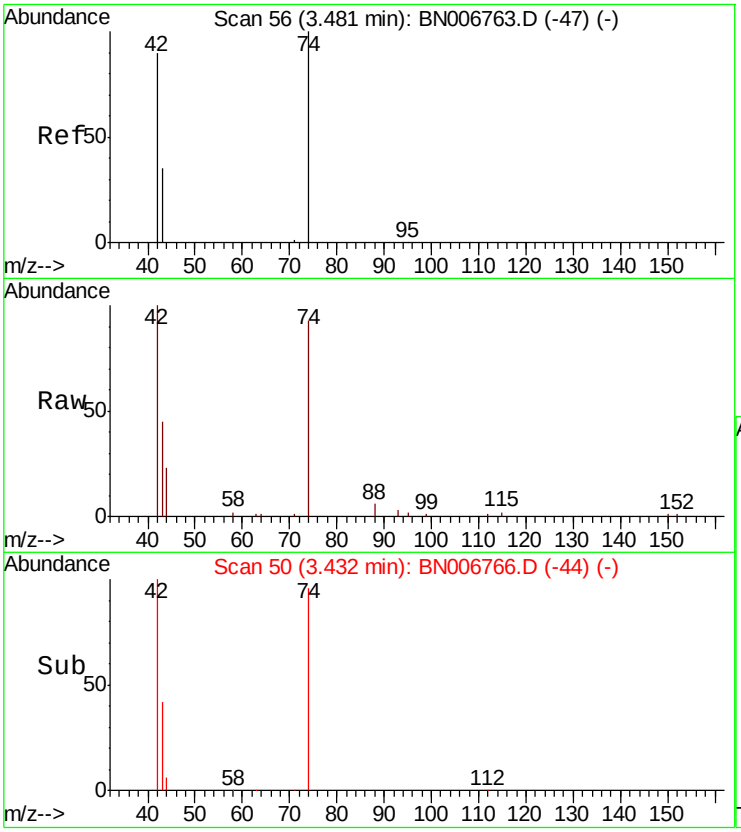


#2
1,4-Dioxane
Concen: 3.077 ng
RT: 3.11 min Scan# 10
Delta R.T. 0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion: 88 Resp: 14161

Ion	Ratio	Lower	Upper
88	100		
58	83.6	61.8	92.6
43	34.4	27.9	41.9



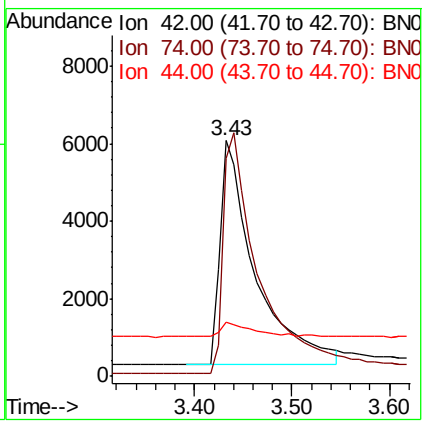


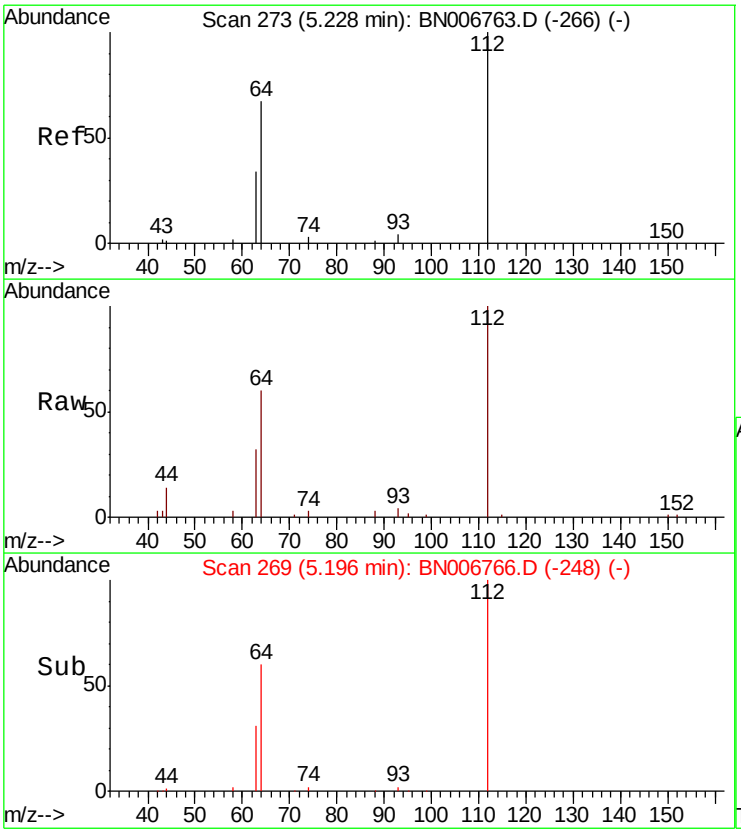
#3
n-Nitrosodimethylamine
Concen: 4.215 ng
RT: 3.43 min Scan# 50
Delta R.T. -0.05 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 14631

Ion	Ratio	Lower	Upper
42	100		
74	109.3	86.2	129.4
44	6.4	7.0	10.6#

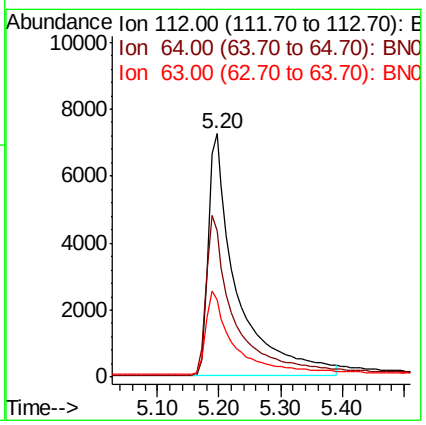


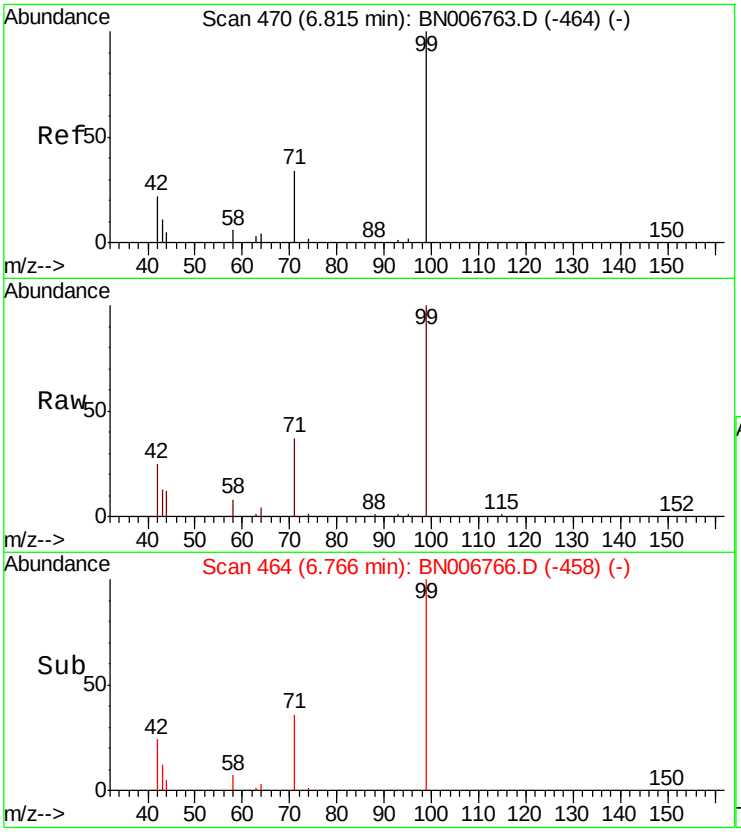


#4
2-Fluorophenol
Concen: 2.918 ng
RT: 5.20 min Scan# 269
Delta R.T. -0.03 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:112 Resp: 23334

Ion	Ratio	Lower	Upper
112	100		
64	65.1	52.7	79.1
63	34.2	27.7	41.5



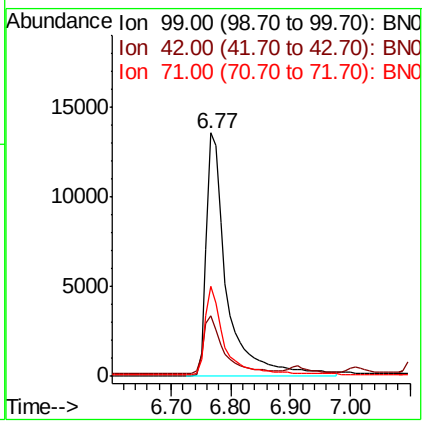


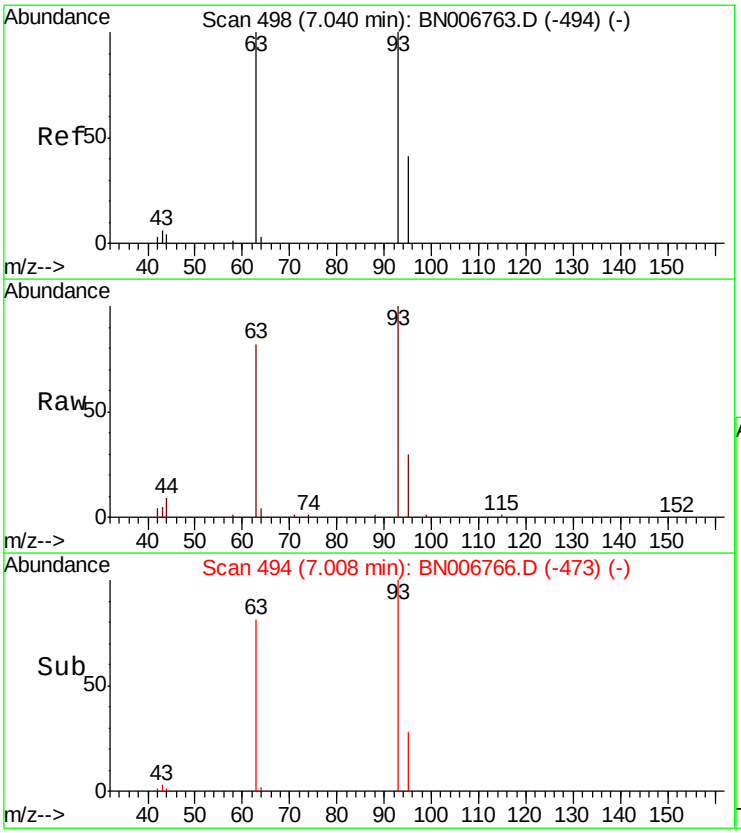
#5
Phenol-d6
Concen: 3.173 ng
RT: 6.77 min Scan# 464
Delta R.T. -0.05 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 32123

Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.0	25.6
71	35.0	29.1	43.7

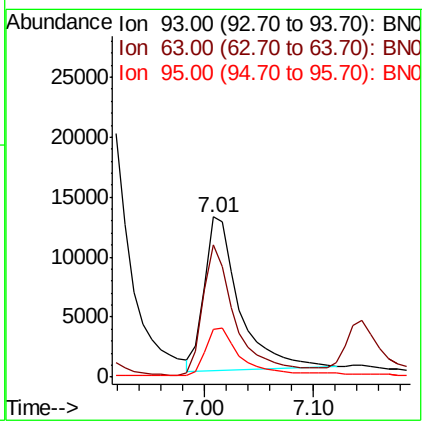


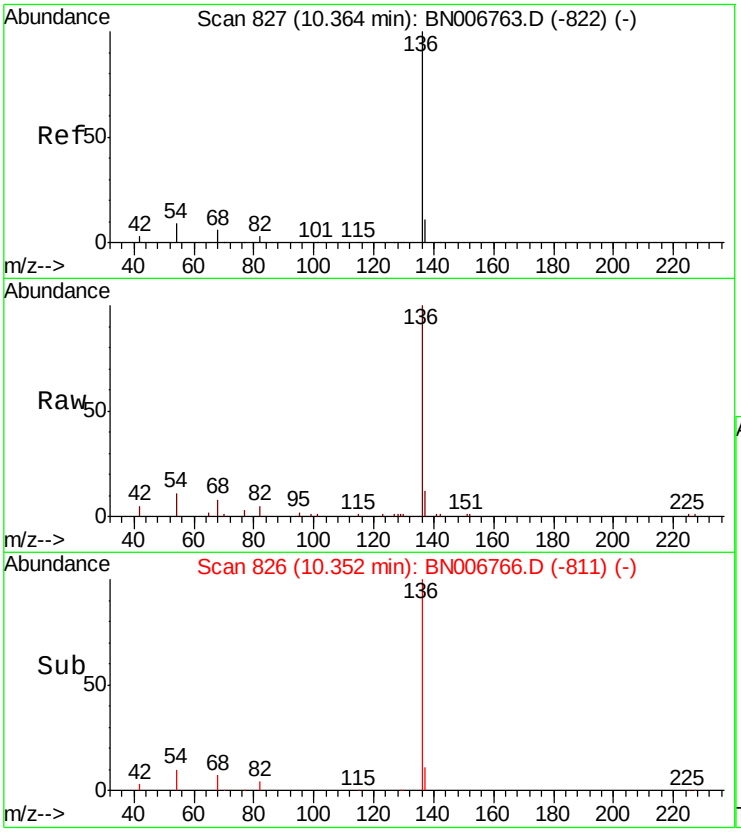


#6
bis(2-Chloroethyl)ether
Concen: 3.304 ng
RT: 7.01 min Scan# 494
Delta R.T. -0.03 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion: 93 Resp: 28260

Ion	Ratio	Lower	Upper
93	100		
63	80.7	48.6	73.0#
95	34.1	22.9	34.3



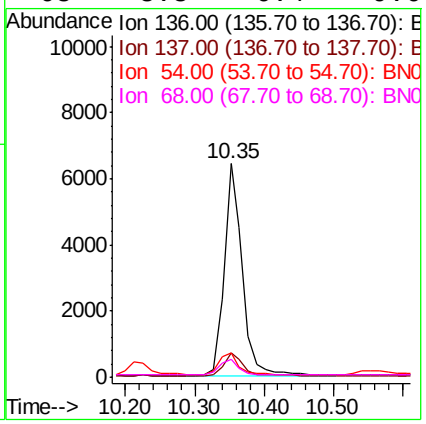


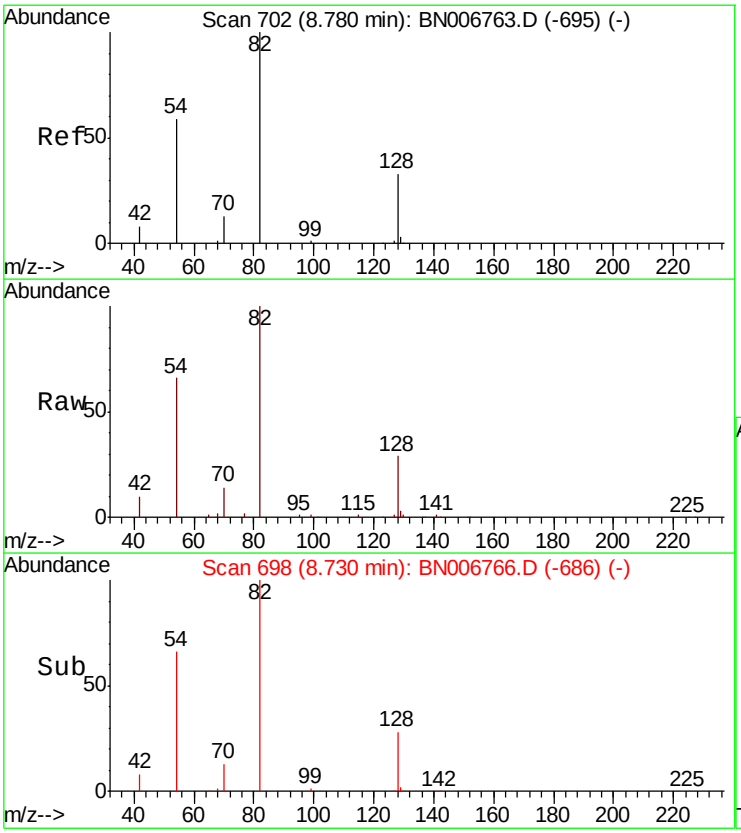
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 11810

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	11.2	8.4	12.6
68	8.3	6.4	9.6

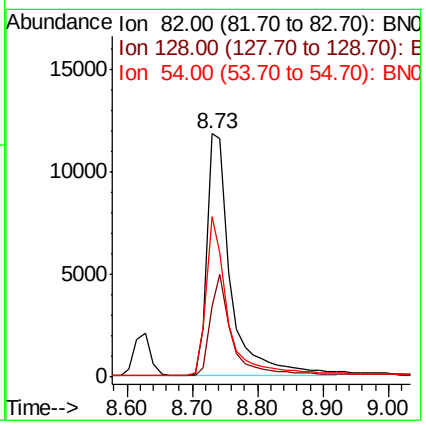


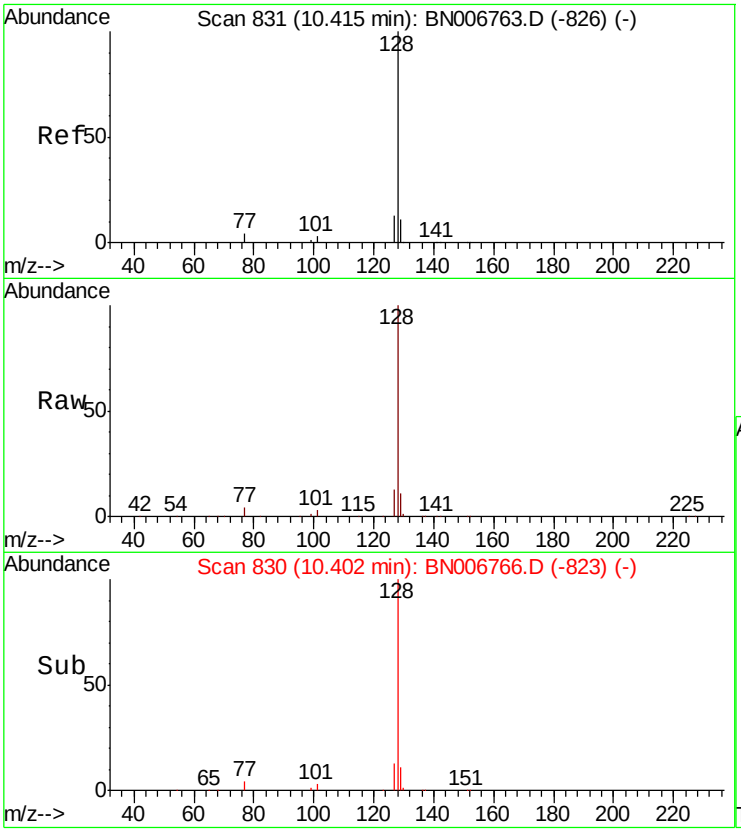


#8
Nitrobenzene-d5
Concen: 3.306 ng
RT: 8.73 min Scan# 698
Delta R.T. -0.05 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion: 82 Resp: 29944

Ion	Ratio	Lower	Upper
82	100		
128	28.9	33.0	49.6#
54	66.0	52.2	78.2



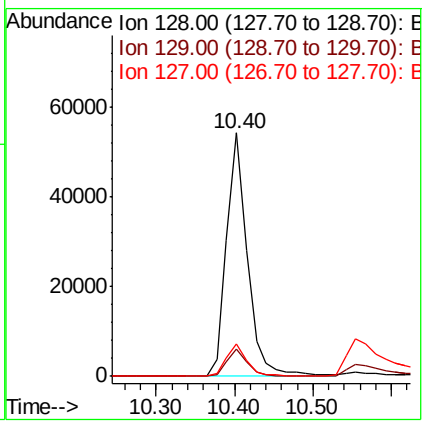


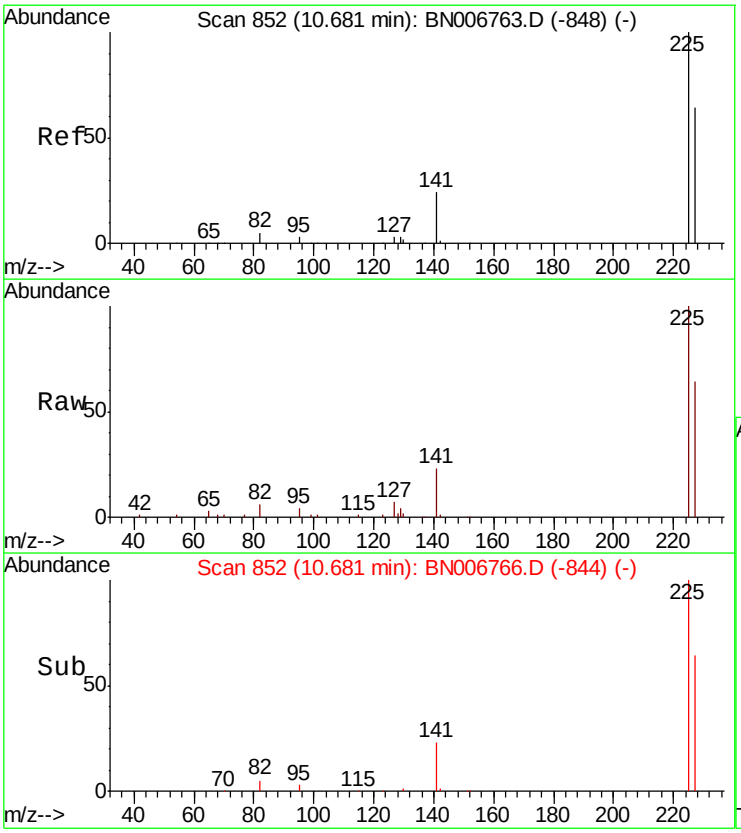
#9
Naphthalene
Concen: 3.099 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 100131

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.6	14.4
127	13.1	11.0	16.4

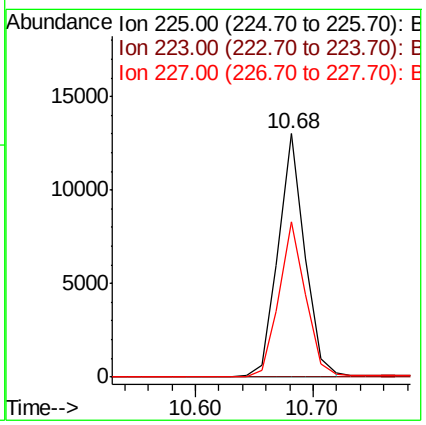


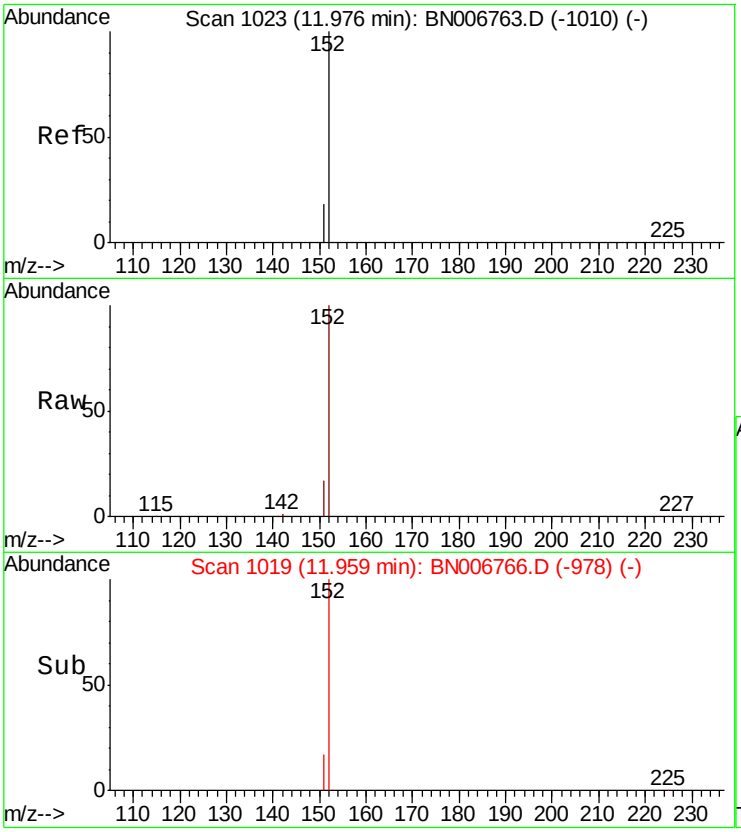


#10
Hexachlorobutadiene
Concen: 3.115 ng
RT: 10.68 min Scan# 852
Delta R.T. 0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:225 Resp: 20373

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.8	76.2



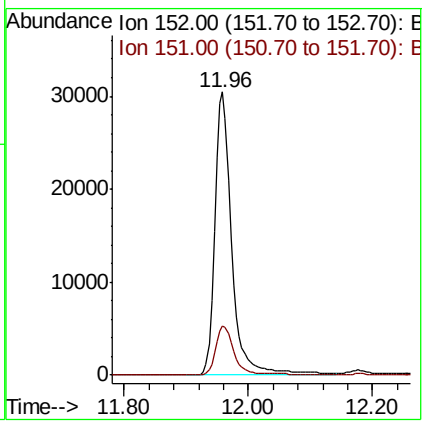


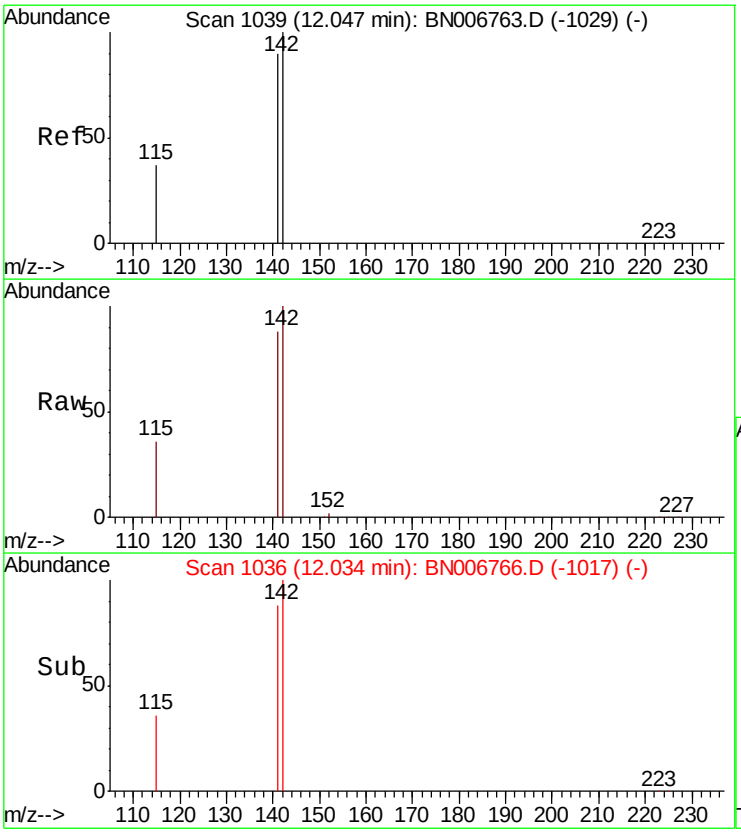
#11
2-Methylnaphthalene-d10
Concen: 3.226 ng
RT: 11.96 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 57267

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

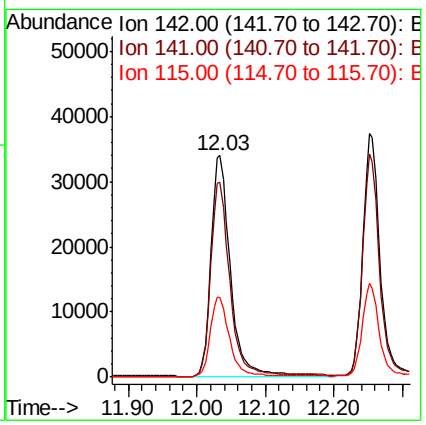


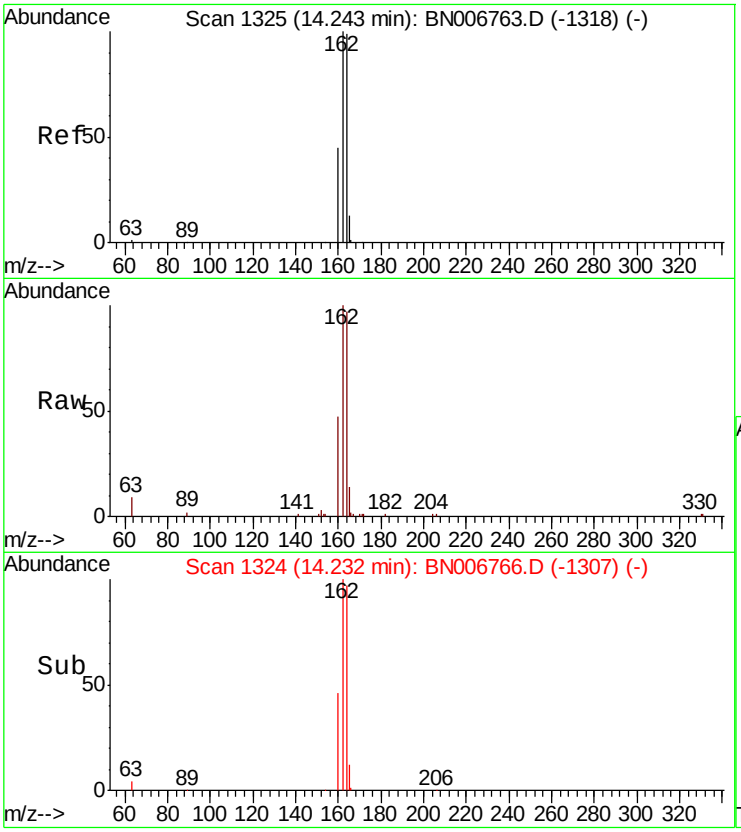


#12
2-Methylnaphthalene
Concen: 2.784 ng
RT: 12.03 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:142 Resp: 66753

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.7	107.5
115	35.7	31.2	46.8



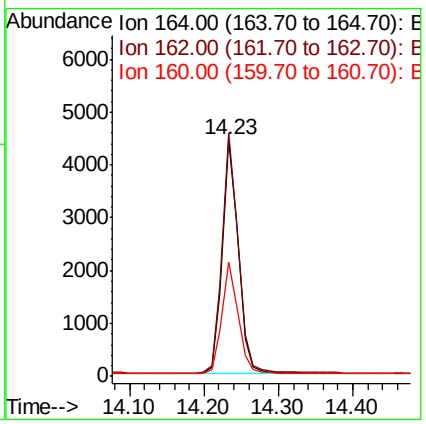


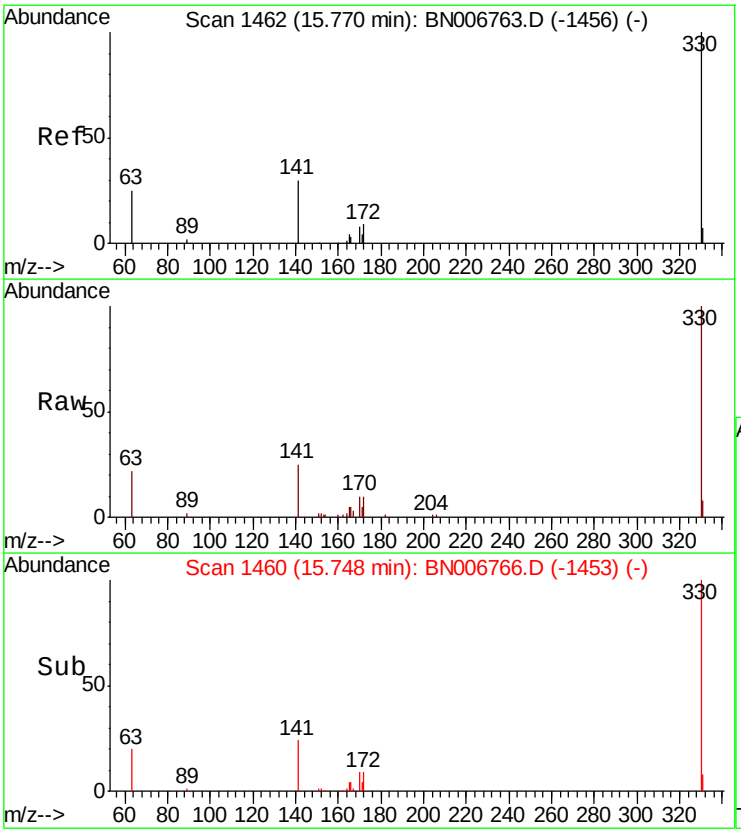
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.23 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 6632

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.0	121.4
160	48.1	37.4	56.0

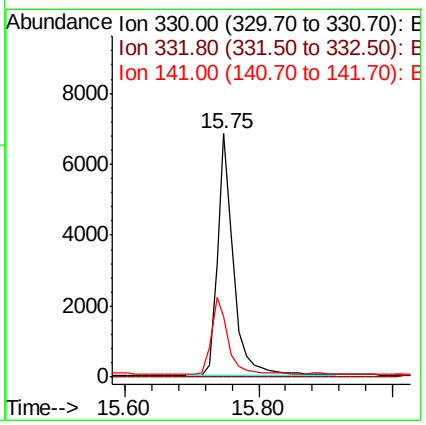


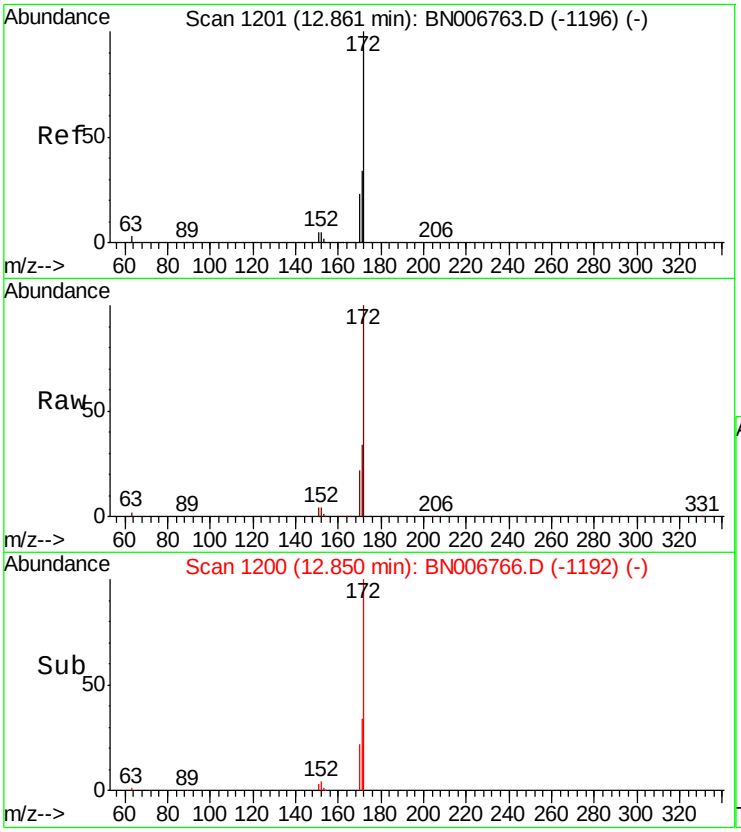


#14
2,4,6-Tribromophenol
Concen: 3.522 ng
RT: 15.75 min Scan# 1460
Delta R.T. -0.02 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:330 Resp: 11480

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.8	26.6	39.8



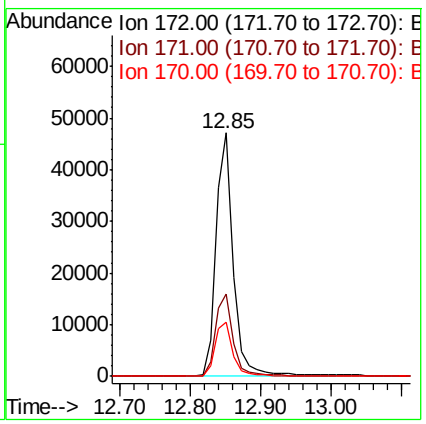


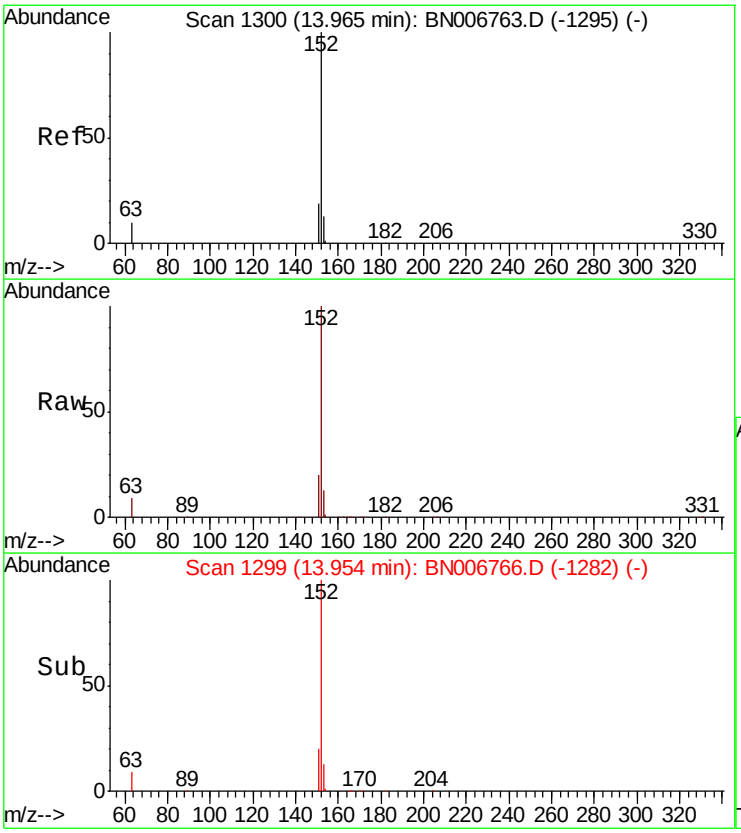
#15
2-Fluorobiphenyl
Concen: 3.144 ng
RT: 12.85 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 81560

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.8	41.6
170	22.1	19.0	28.6

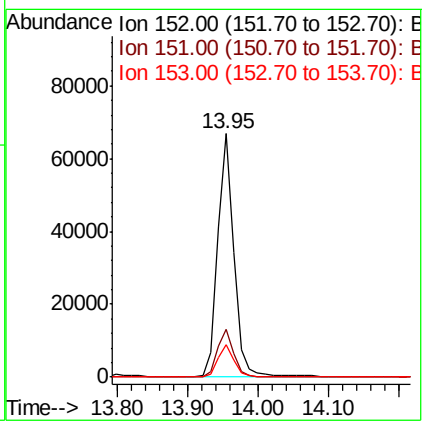


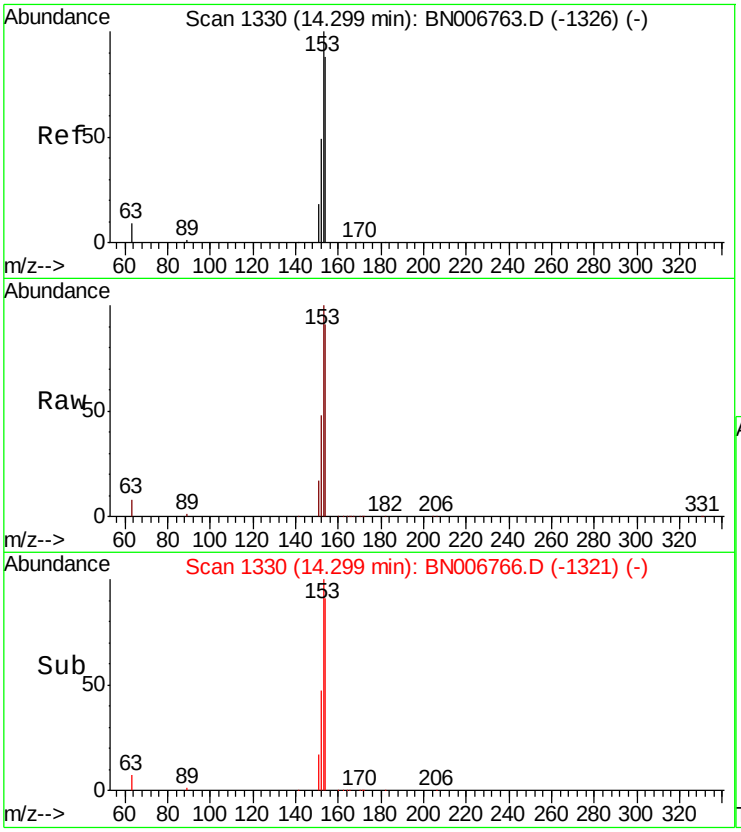


#16
Acenaphthylene
Concen: 3.288 ng
RT: 13.95 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:152 Resp: 108672

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.0	10.5	15.7



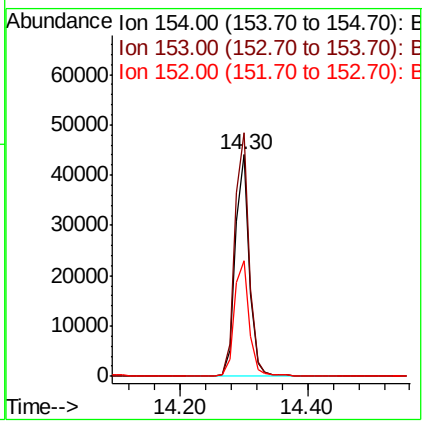


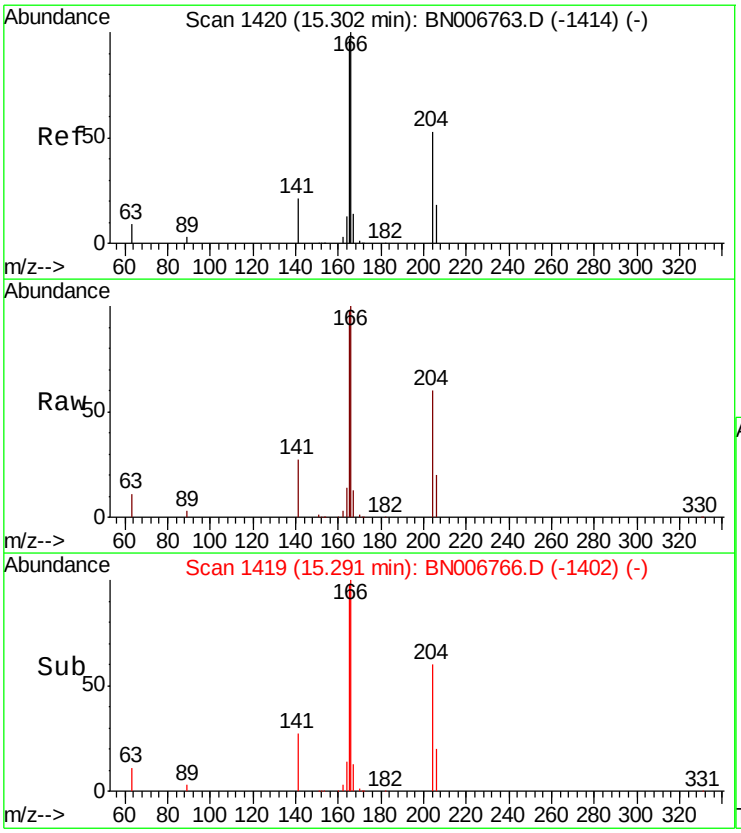
#17
Acenaphthene
Concen: 3.204 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 67543

Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.8	136.2
152	54.5	44.9	67.3

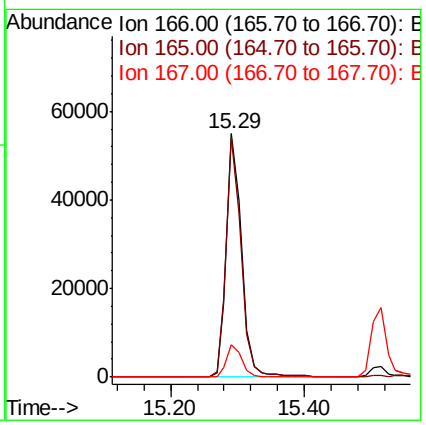


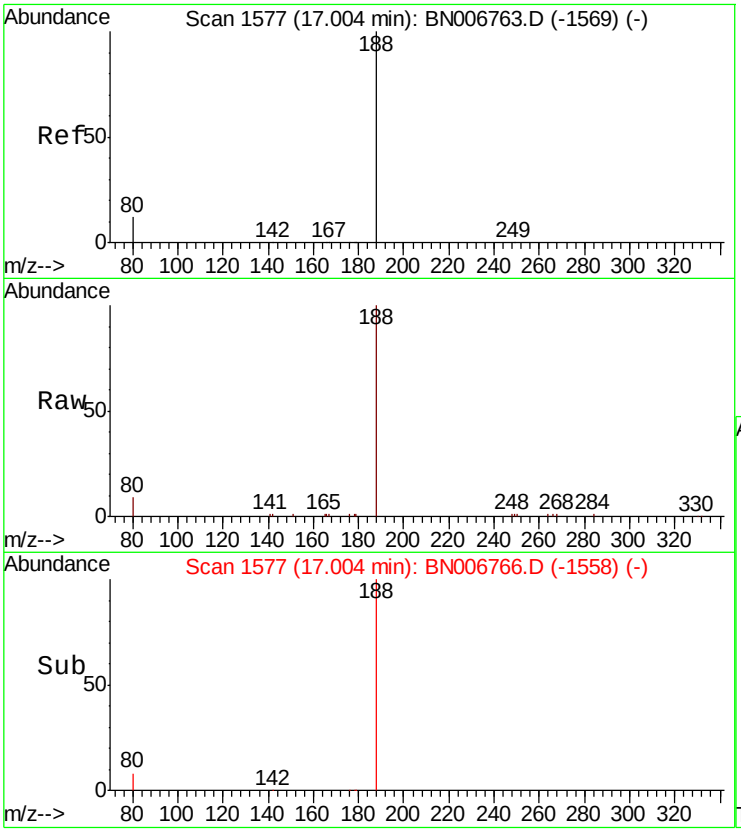


#18
Fluorene
Concen: 3.297 ng
RT: 15.29 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:166 Resp: 86275

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.2	117.4
167	13.5	10.9	16.3



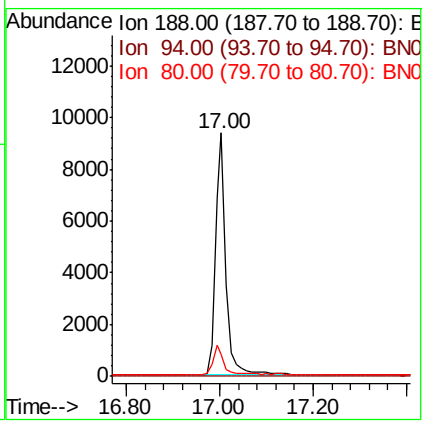


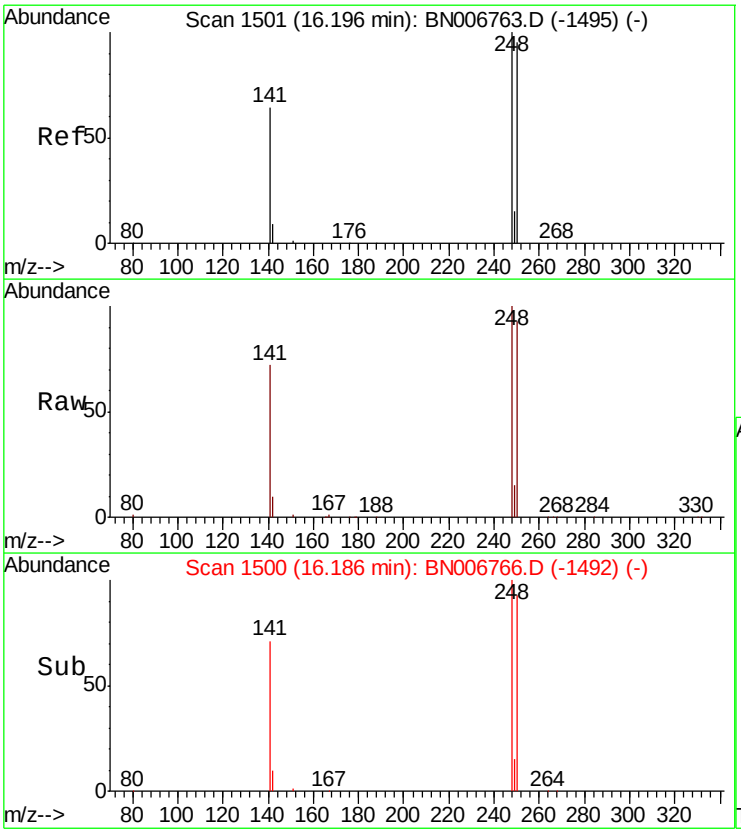
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 15036

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	10.1	15.1#

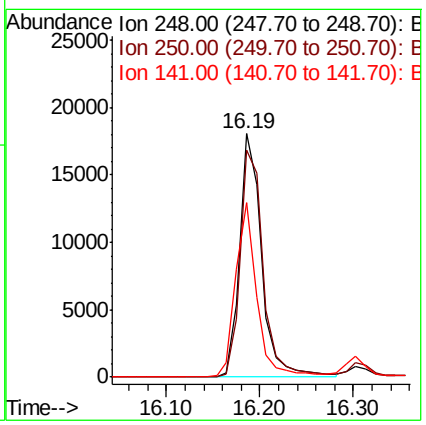


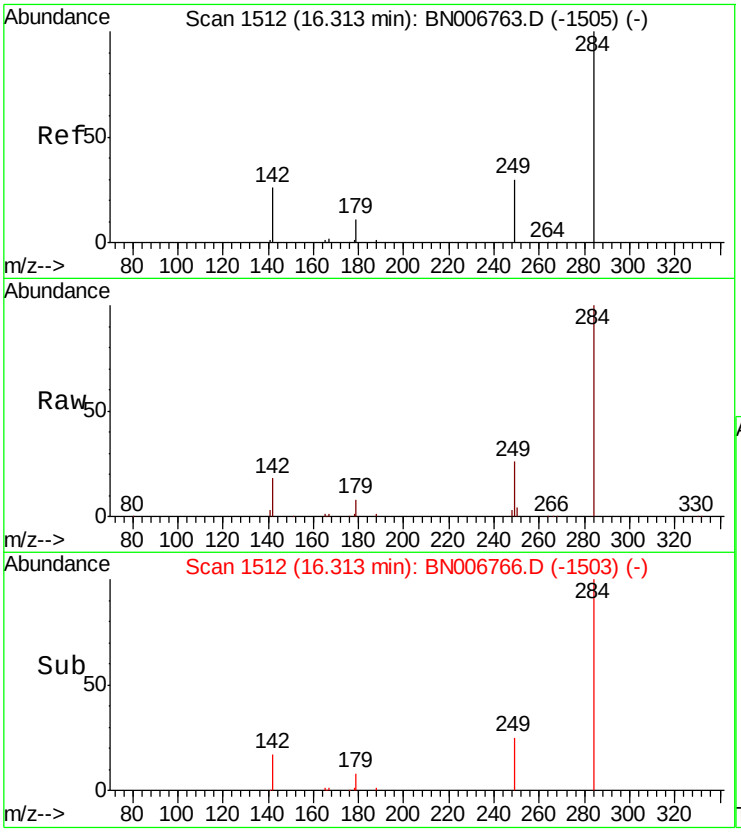


#20
4-Bromophenyl-phenylether
Concen: 3.301 ng
RT: 16.19 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:248 Resp: 29243

Ion	Ratio	Lower	Upper
248	100		
250	93.0	76.5	114.7
141	71.7	53.2	79.8



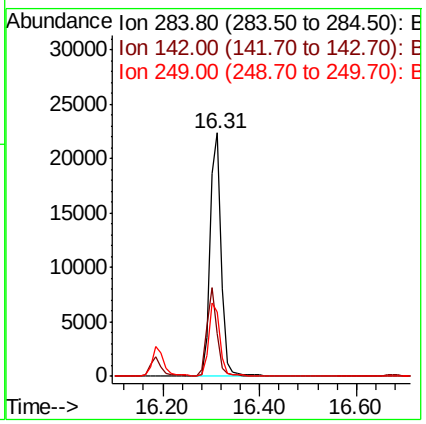


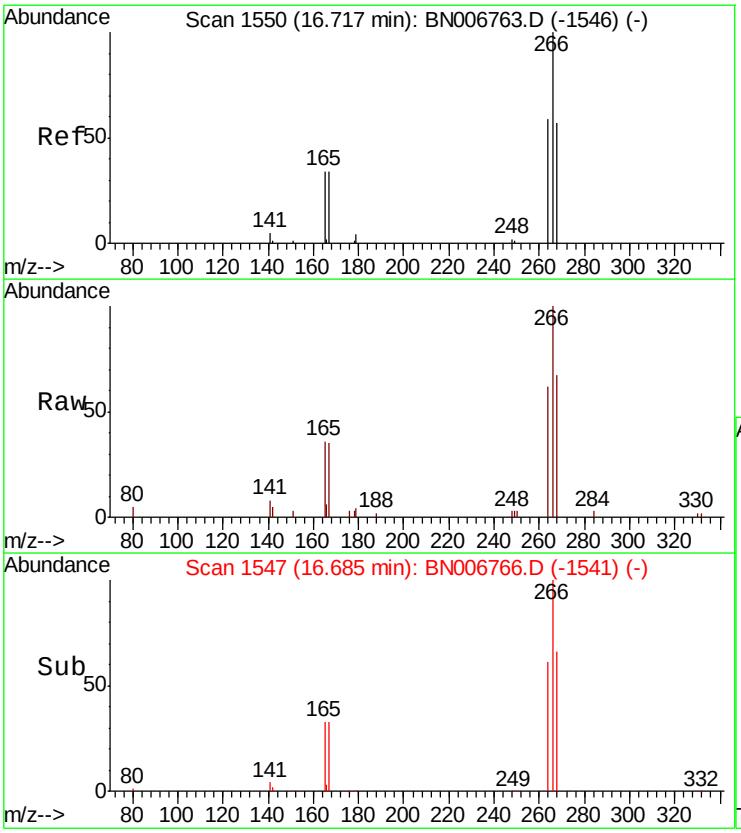
#21
Hexachlorobenzene
Concen: 3.321 ng
RT: 16.31 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 34997

Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.0	40.4
249	30.2	24.3	36.5

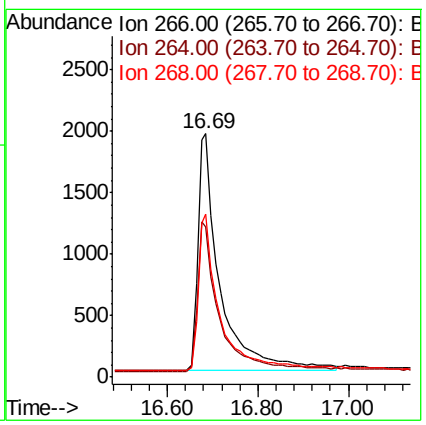


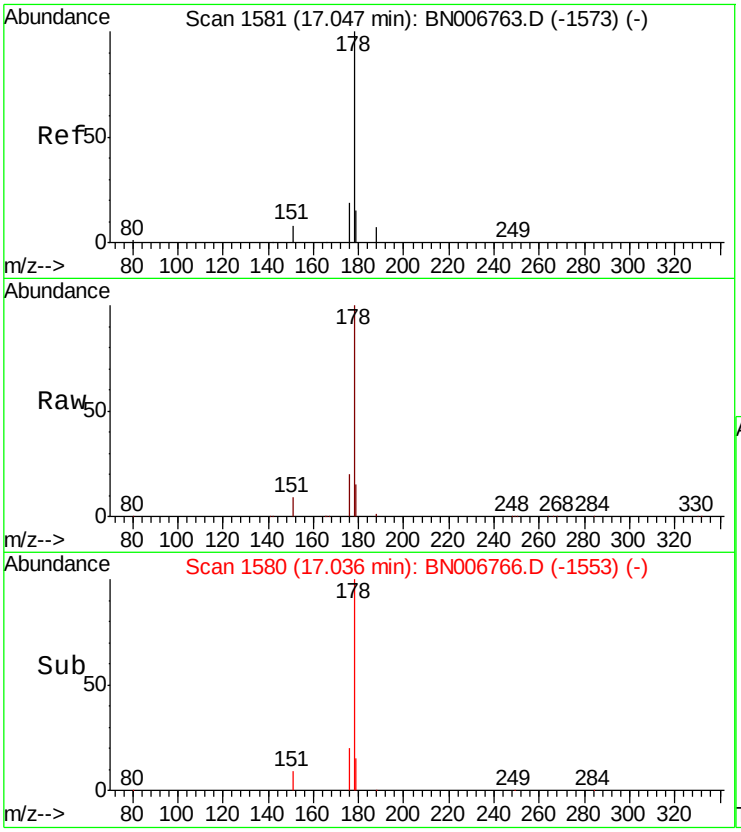


#22
Pentachlorophenol
Concen: 4.353 ng
RT: 16.69 min Scan# 1547
Delta R.T. -0.03 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:266 Resp: 6580

Ion	Ratio	Lower	Upper
266	100		
264	61.7	56.2	84.4
268	67.0	60.2	90.2



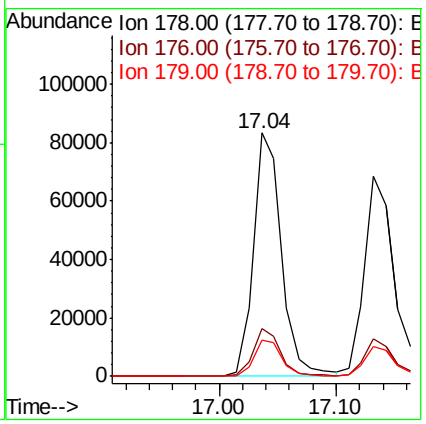


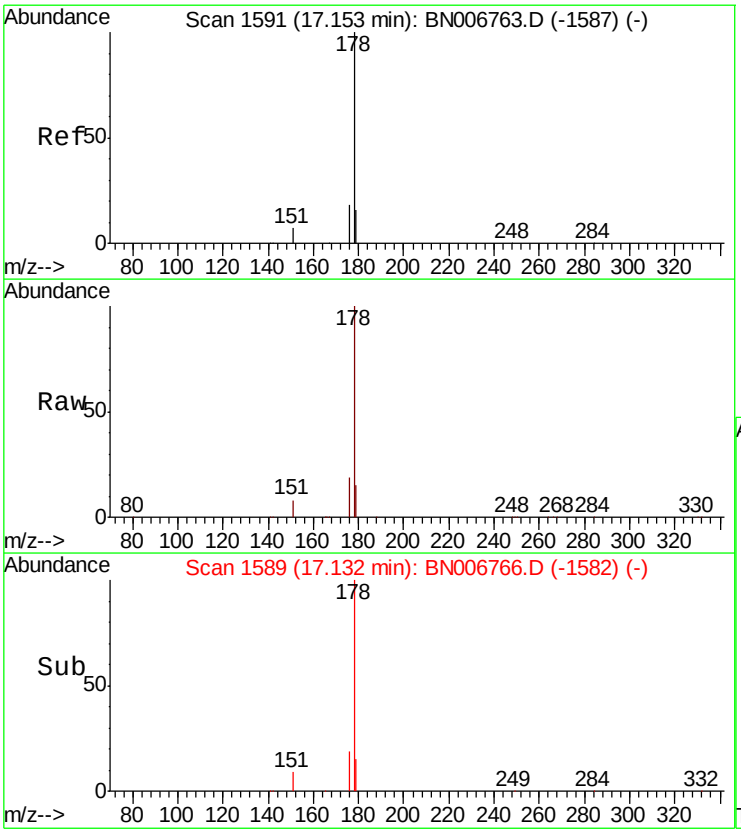
#23
Phenanthrene
Concen: 3.196 ng
RT: 17.04 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 138511

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.2	12.2	18.2

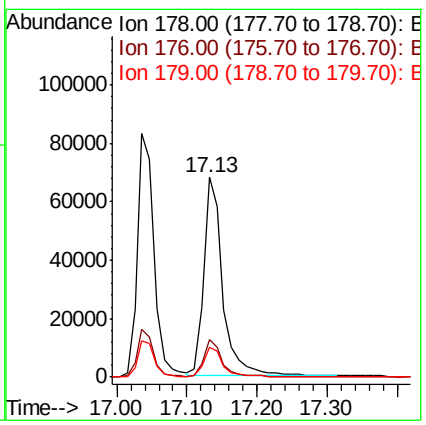


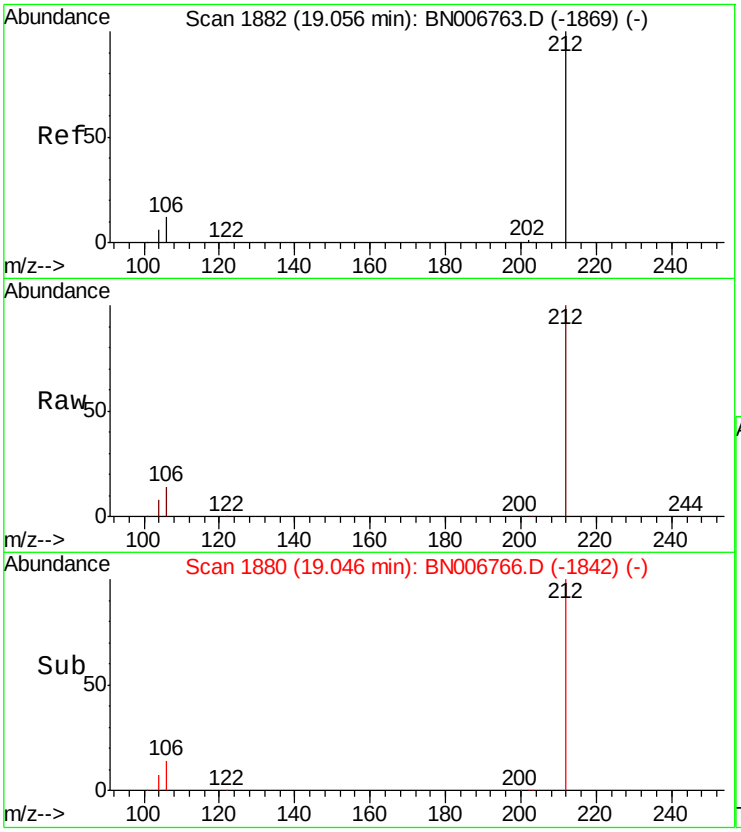


#24
Anthracene
Concen: 3.241 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:178 Resp: 126934

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.2	12.1	18.1



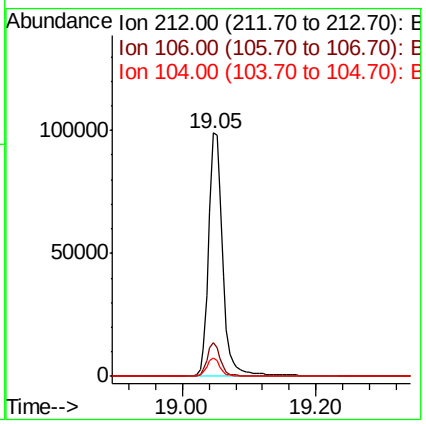


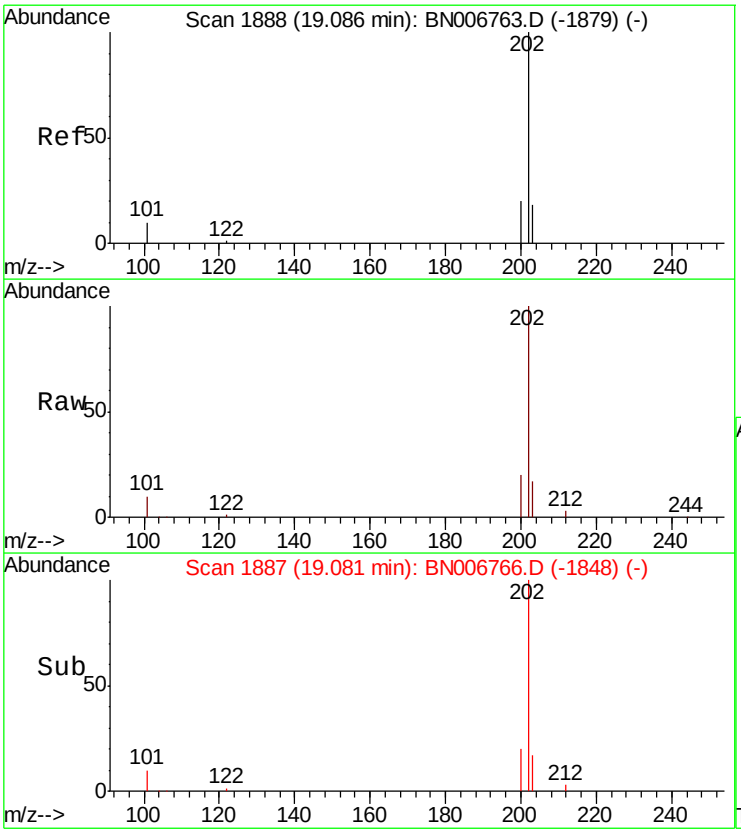
#25
Fluoranthene-d10
Concen: 3.362 ng
RT: 19.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 144637

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.5	15.7
104	7.2	5.9	8.9

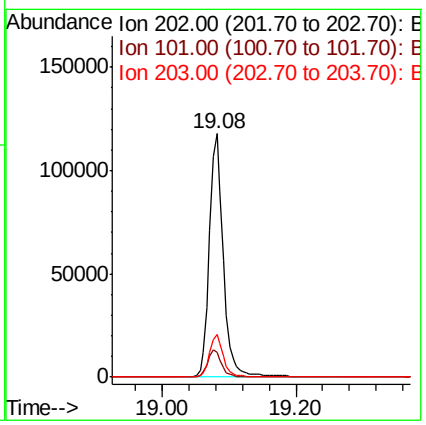


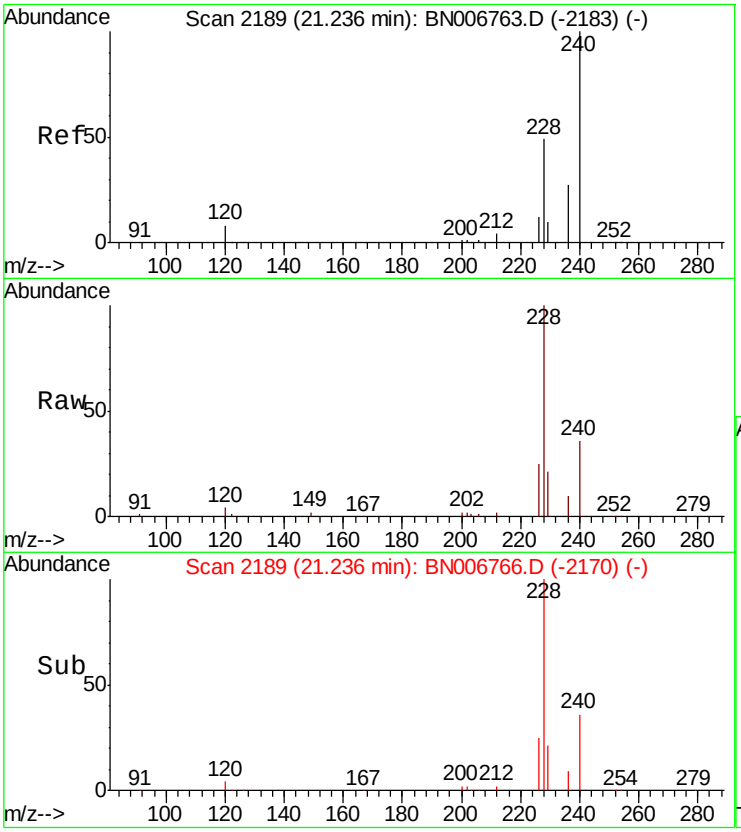


#26
Fluoranthene
Concen: 3.327 ng
RT: 19.08 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:202 Resp: 169290

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
203	17.2	13.6	20.4



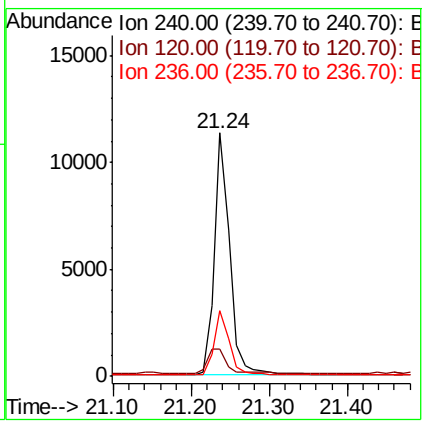


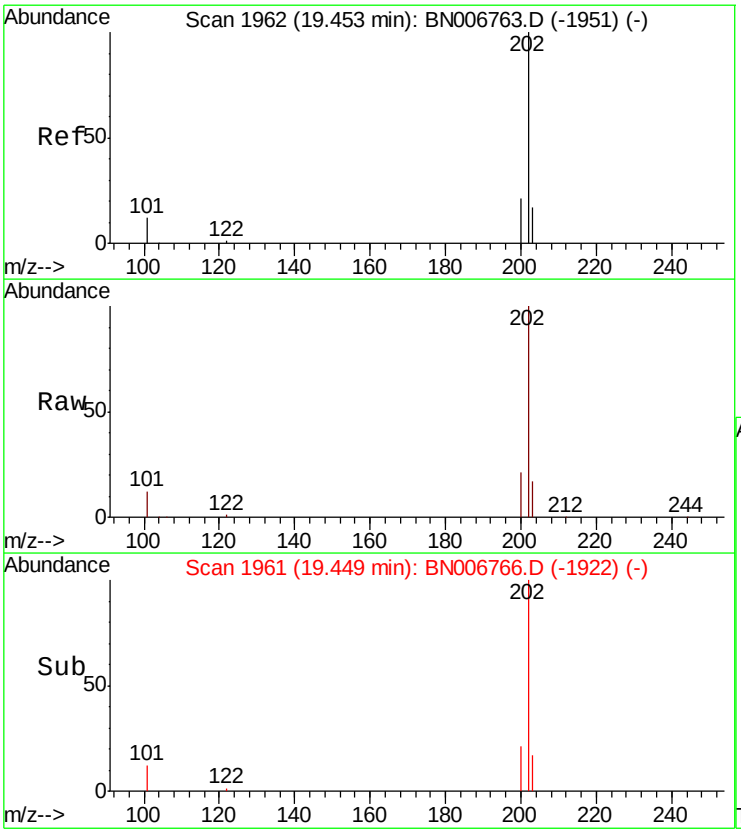
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 15560

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	27.1	21.8	32.6

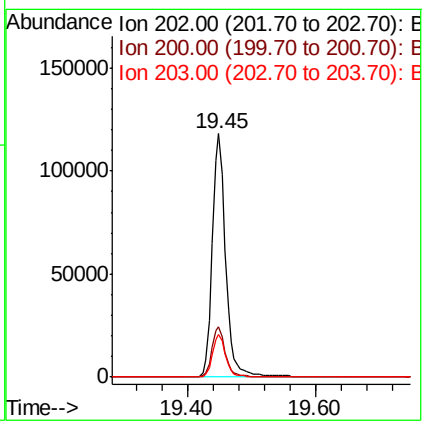


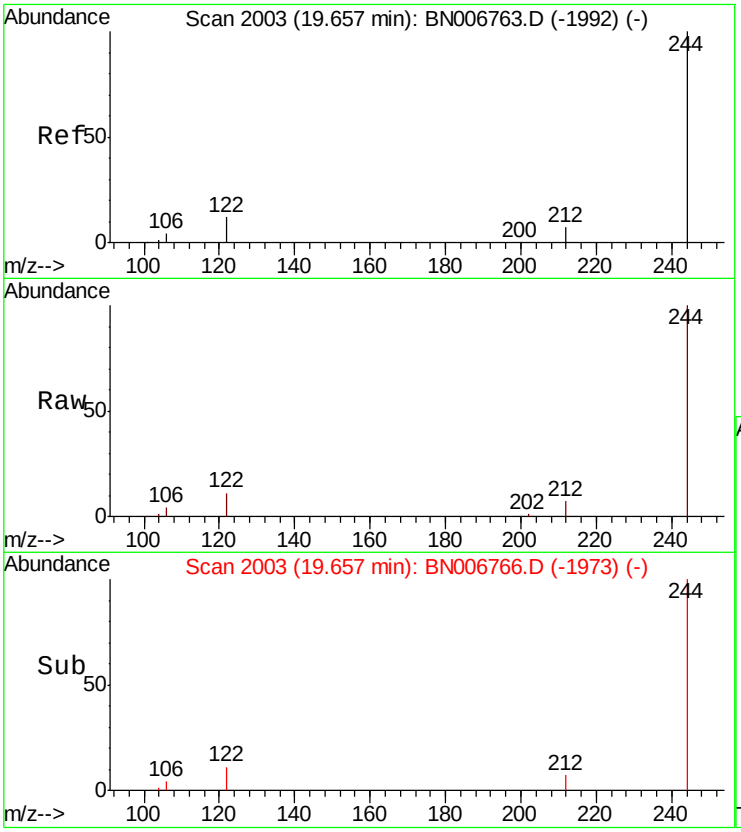


#28
Pyrene
Concen: 2.742 ng
RT: 19.45 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:202 Resp: 170746

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.4	14.0	21.0



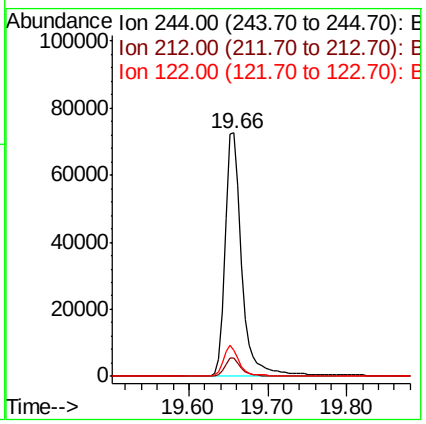


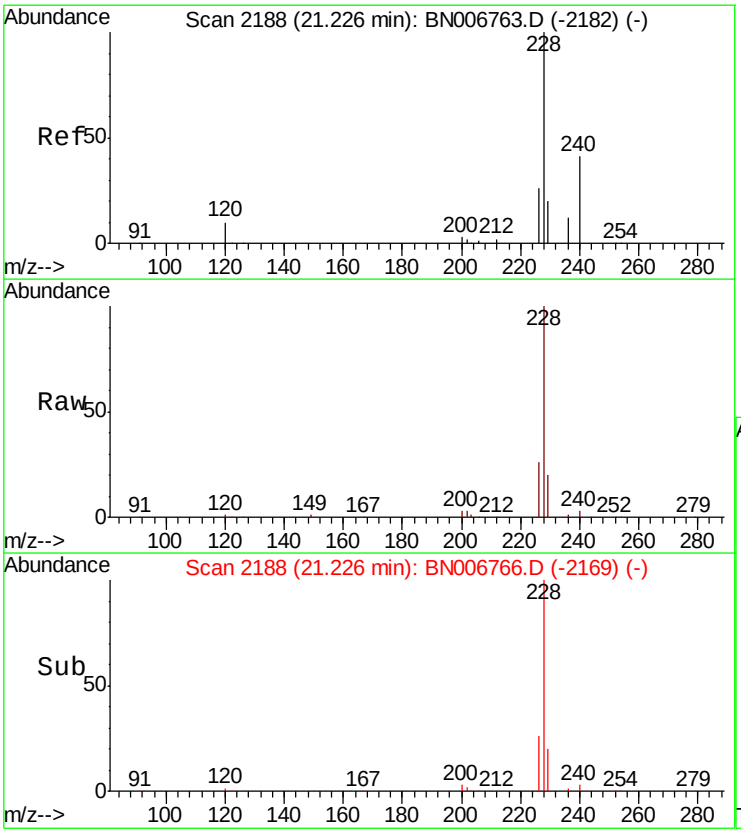
#29
Terphenyl-d14
Concen: 3.023 ng
RT: 19.66 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 108292

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	10.9	10.3	15.5

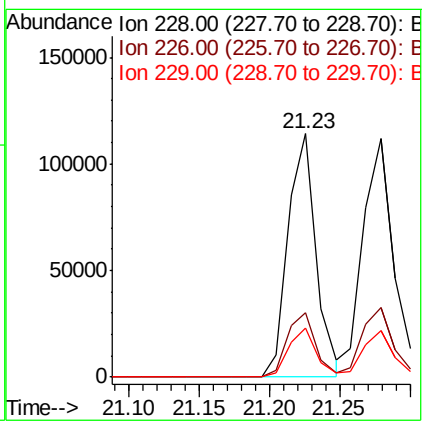


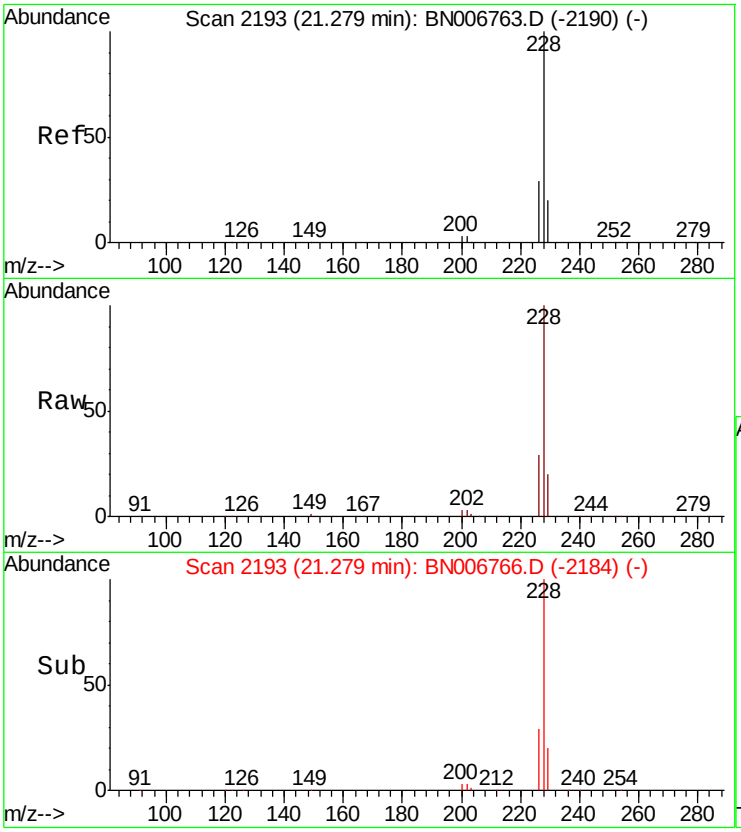


#30
Benzo(a)anthracene
Concen: 2.972 ng
RT: 21.23 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:228 Resp: 159485

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.2	31.8
229	20.1	16.4	24.6



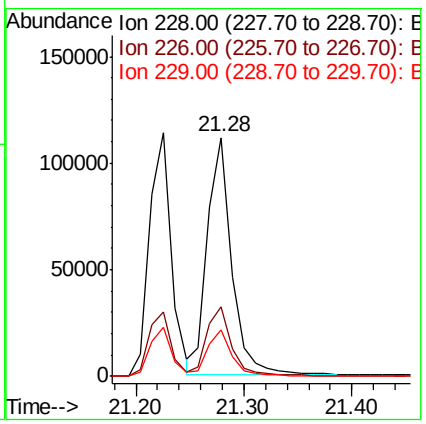


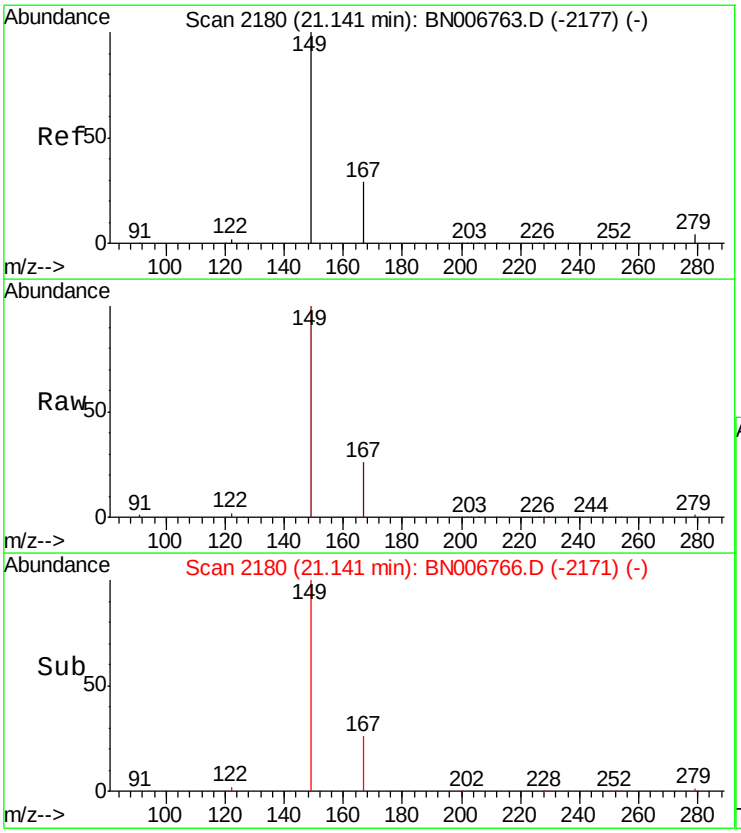
#31
Chrysene
Concen: 3.126 ng
RT: 21.28 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 172893

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	19.6	16.0	24.0

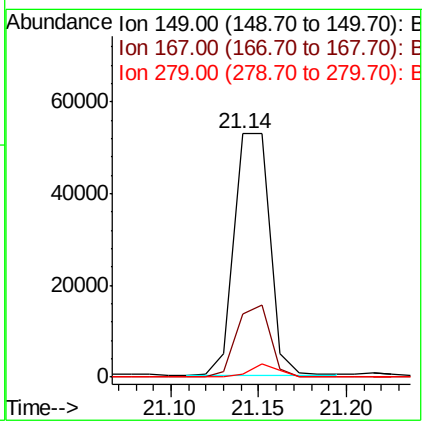


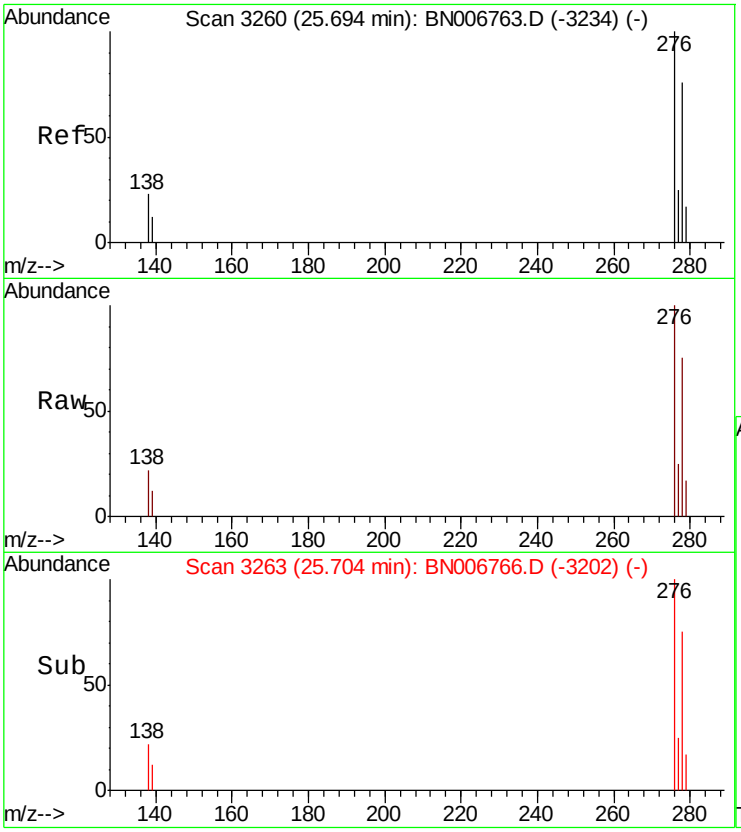


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.458 ng
RT: 21.14 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:149 Resp: 73261

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.4	3.7	5.5



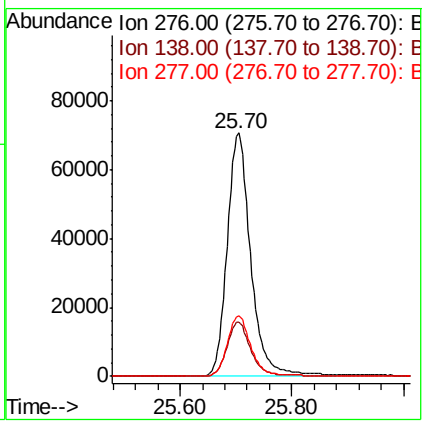


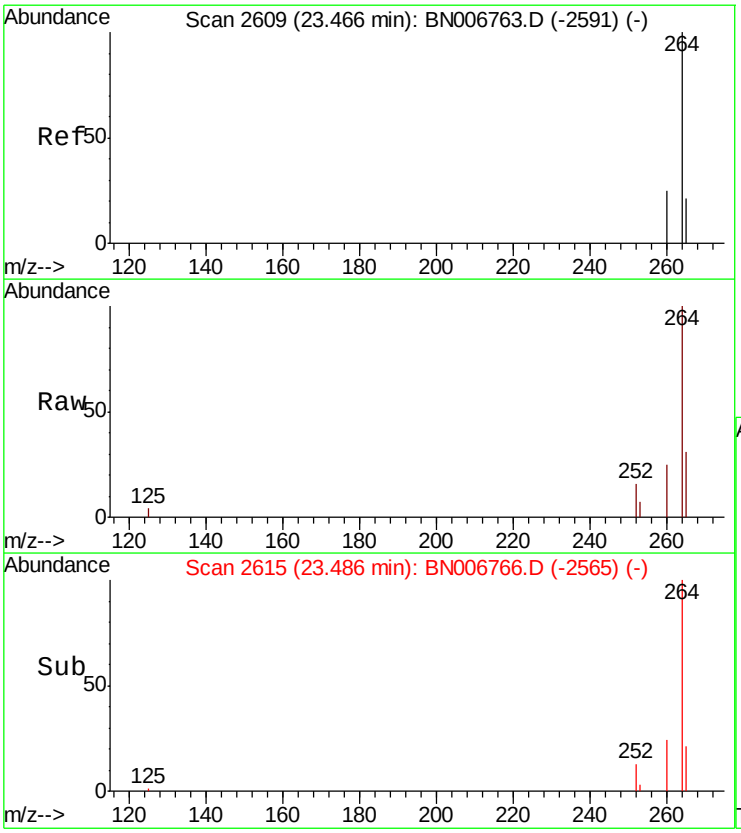
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.107 ng
RT: 25.70 min Scan# 3263
Delta R.T. 0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 205526

Ion	Ratio	Lower	Upper
276	100		
138	22.6	17.9	26.9
277	25.0	19.8	29.8

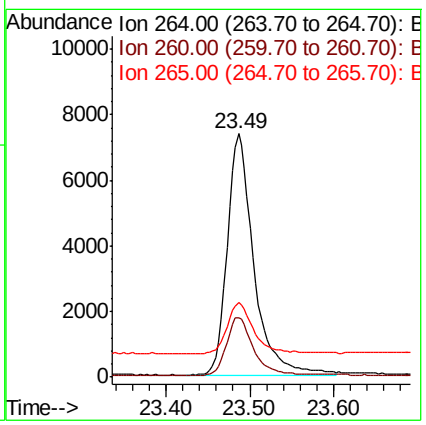


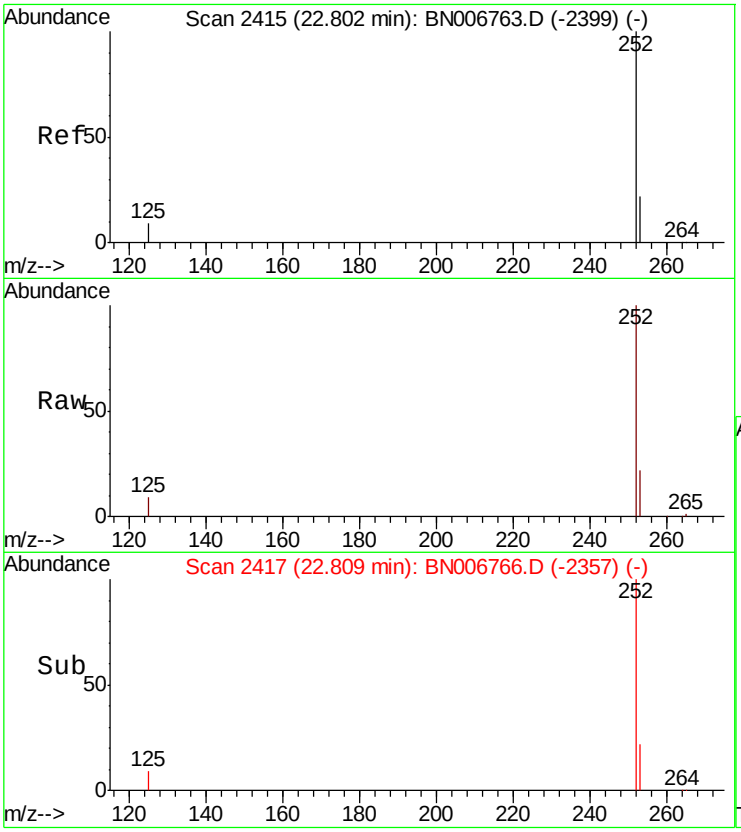


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2615
Delta R.T. 0.02 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:264 Resp: 16106

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.4
265	30.7	24.6	37.0



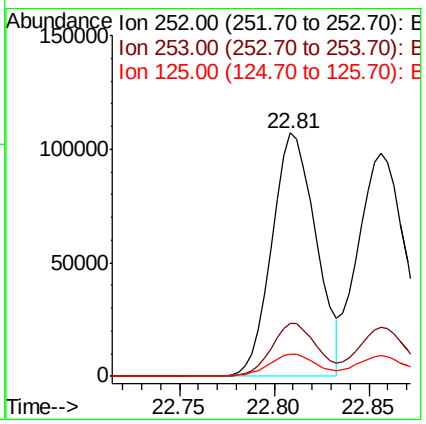


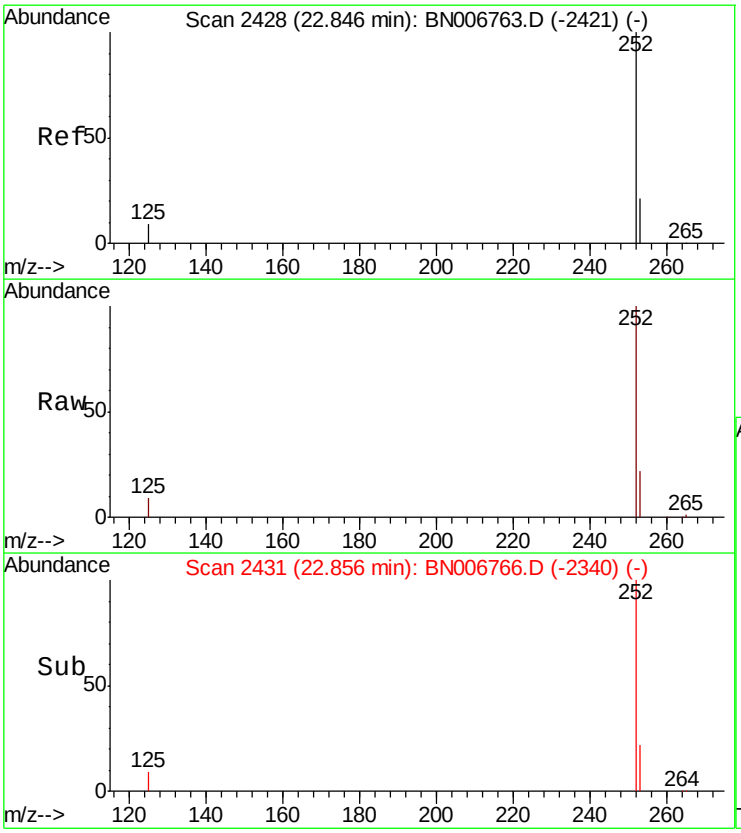
#35
Benzo(b)fluoranthene
Concen: 3.338 ng
RT: 22.81 min Scan# 2417
Delta R.T. 0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 172544

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	9.3	8.5	12.7

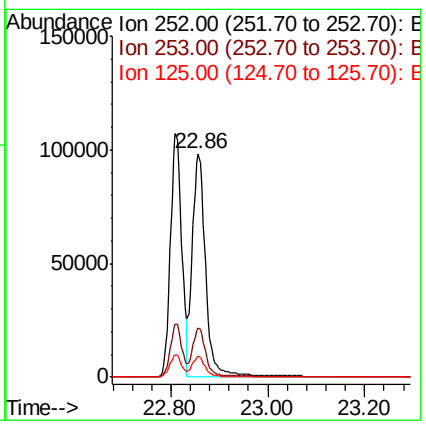


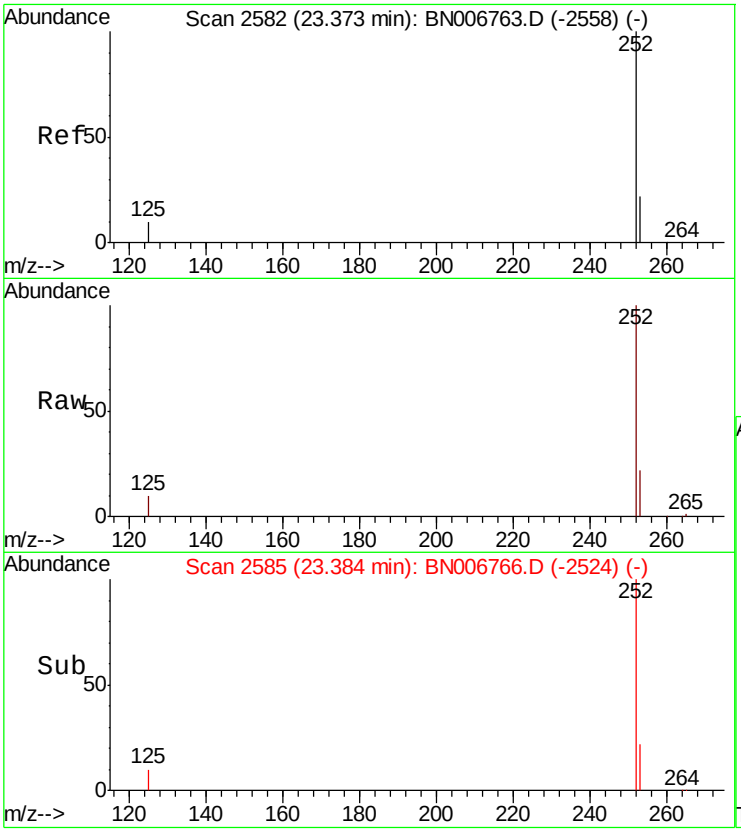


#36
Benzo(k)fluoranthene
Concen: 3.329 ng
RT: 22.86 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:252 Resp: 186634

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.9	28.3
125	9.3	8.4	12.6



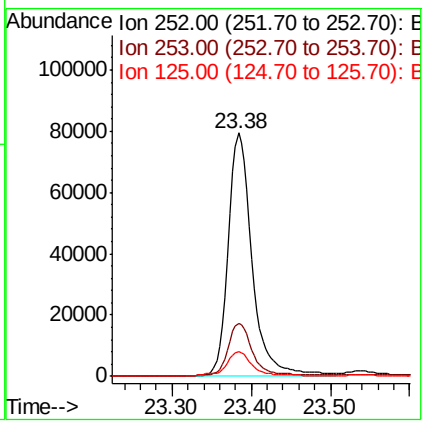


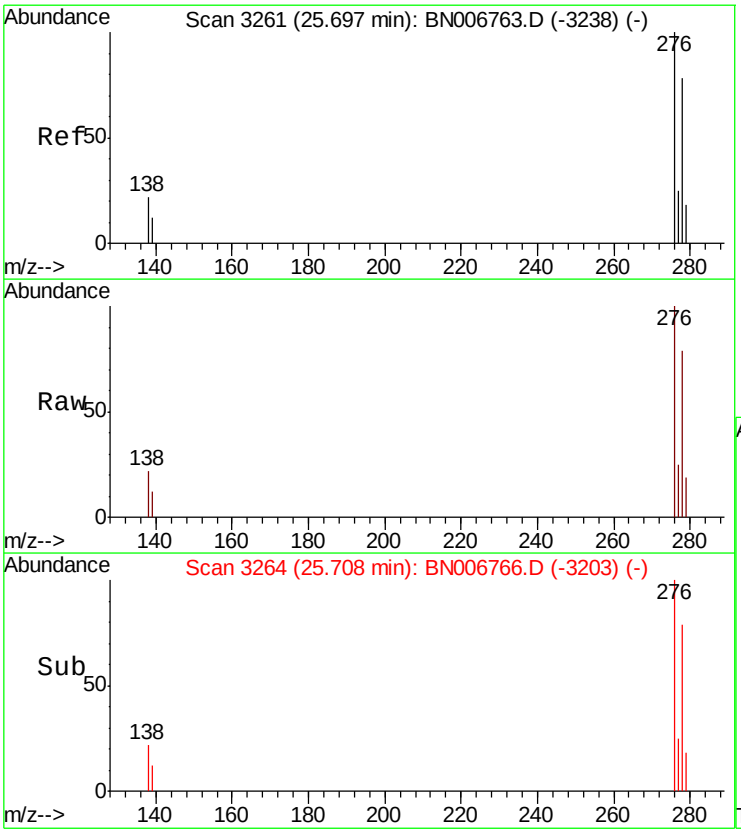
#37
Benzo(a)pyrene
Concen: 3.295 ng
RT: 23.38 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 165025

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.5	29.3
125	10.2	9.5	14.3

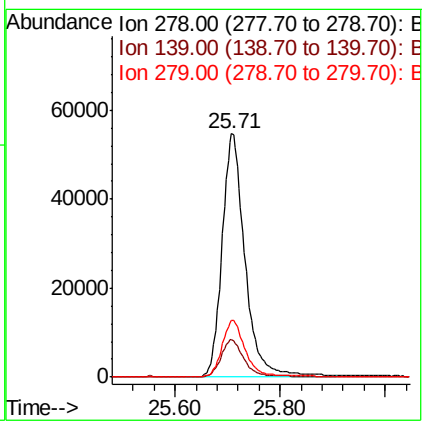


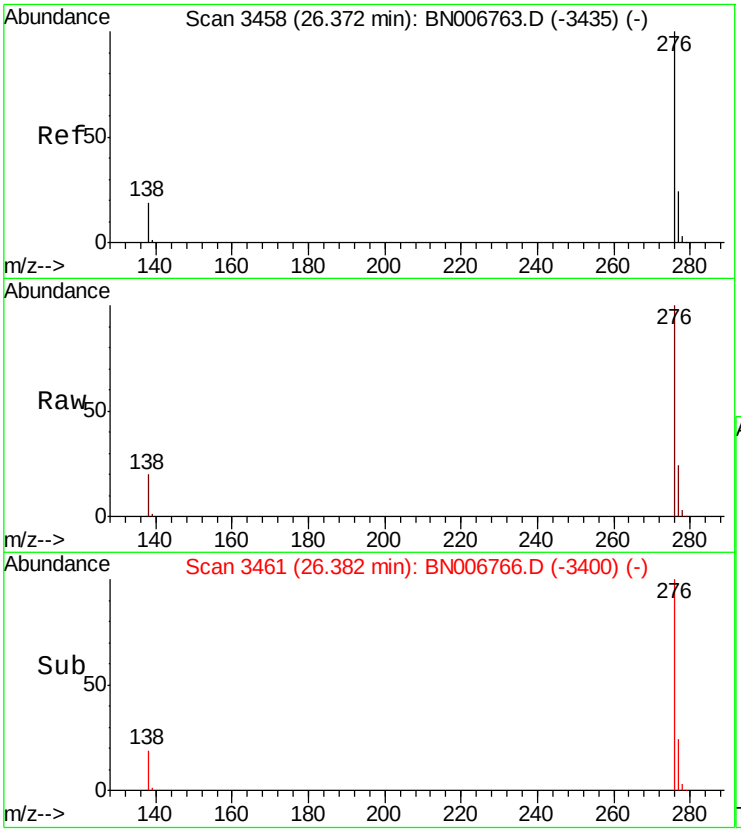


#38
Dibenzo(a,h)anthracene
Concen: 3.332 ng
RT: 25.71 min Scan# 3264
Delta R.T. 0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Tgt Ion:278 Resp: 165758

Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.1	19.7
279	23.4	20.2	30.4





#39
Benzo(g,h,i)perylene
Concen: 3.294 ng
RT: 26.38 min Scan# 3461
Delta R.T. 0.01 min
Lab File: BN006766.D
Acq: 09 Jul 2019 11:33

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 168665

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	19.6	16.2	24.4