Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
Data File : BN009804.D
Acq On : 21 Feb 2020 12:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Feb 21 16:37:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1180	0.40	ng		-0.02
7) Naphthalene-d8	10.15	136	4007	0.40	ng		-0.03
13) Acenaphthene-d10	14.03	164	2629	0.40	ng		-0.02
19) Phenanthrene-d10	16.80	188	5715	0.40	ng		-0.01
27) Chrysene-d12	21.02	240	5048	0.40	ng		-0.02
34) Perylene-d12	23.12	264	5382	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1086	0.41	ng		-0.02
5) Phenol-d6	6.63	99	1143	0.36	ng		-0.02
8) Nitrobenzene-d5	8.58	82	1157	0.35	ng		-0.01
11) 2-Methylnaphthalene-d10	11.77	152	2996	0.39	ng		-0.02
14) 2,4,6-Tribromophenol	15.57	330	396	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.66	172	3691	0.37	ng		-0.02
25) Fluoranthene-d10	18.84	212	7318	0.37	ng		-0.02
29) Terphenyl-d14	19.46	244	4594	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	433	0.358	ng		86
3) n-Nitrosodimethylamine	3.43	42	747	0.376	ng	#	92
6) bis(2-Chloroethyl)ether	6.86	93	1251	0.403	ng		94
9) Naphthalene	10.20	128	4284	0.392	ng		99
10) Hexachlorobutadiene	10.48	225	954	0.397	ng	#	97
12) 2-Methylnaphthalene	11.84	142	2884	0.385	ng		98
16) Acenaphthylene	13.76	152	4264	0.380	ng		99
17) Acenaphthene	14.10	154	3049	0.387	ng		99
18) Fluorene	15.10	166	3880	0.373	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	1032	0.214	ng	#	91
21) Hexachlorobenzene	16.11	284	1436	0.404	ng		98
22) Pentachlorophenol	16.50	266	302	0.432	ng		97
23) Phenanthrene	16.85	178	6329	0.372	ng		99
24) Anthracene	16.94	178	5341	0.371	ng		99
26) Fluoranthene	18.87	202	7505	0.369	ng		100
28) Pyrene	19.24	202	7725	0.403	ng		99
30) Benzo(a)anthracene	21.00	228	6228	0.372	ng		98
31) Chrysene	21.06	228	7033	0.363	ng		99
32) Bis(2-ethylhexyl)phthalate	20.95	149	3564	0.436	ng		98
33) Indeno(1,2,3-cd)pyrene	25.17	276	7878	0.390	ng		97
35) Benzo(b)fluoranthene	22.51	252	6654	0.338	ng		96
36) Benzo(k)fluoranthene	22.55	252	8278	0.386	ng		99
37) Benzo(a)pyrene	23.04	252	6755	0.376	ng	#	89
38) Dibenzo(a,h)anthracene	25.18	278	6134	0.347	ng		99
39) Benzo(g,h,i)perylene	25.80	276	6992	0.371	ng		99

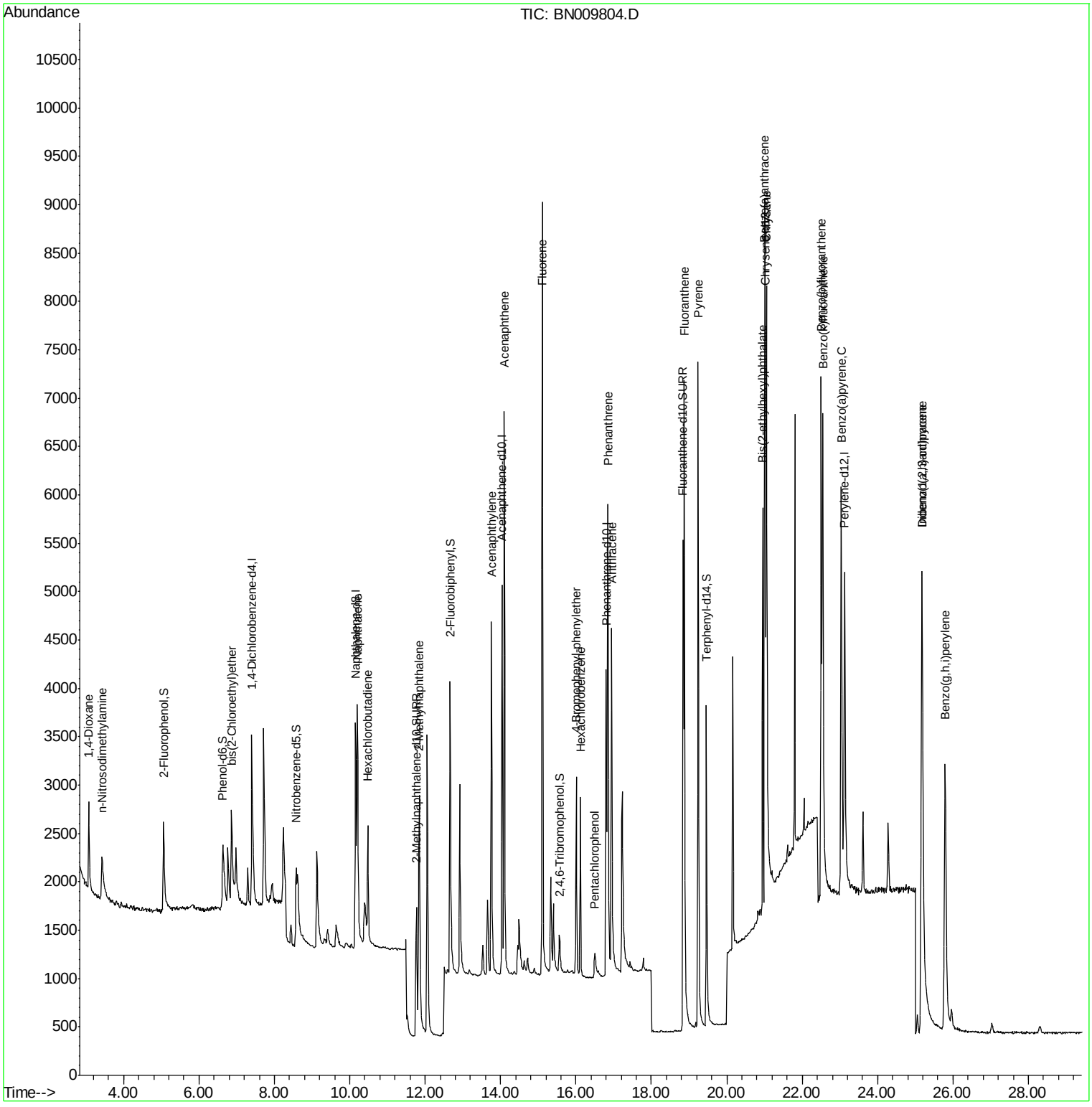
(#) = qualifier out of range (m) = manual integration (+) = signals summed

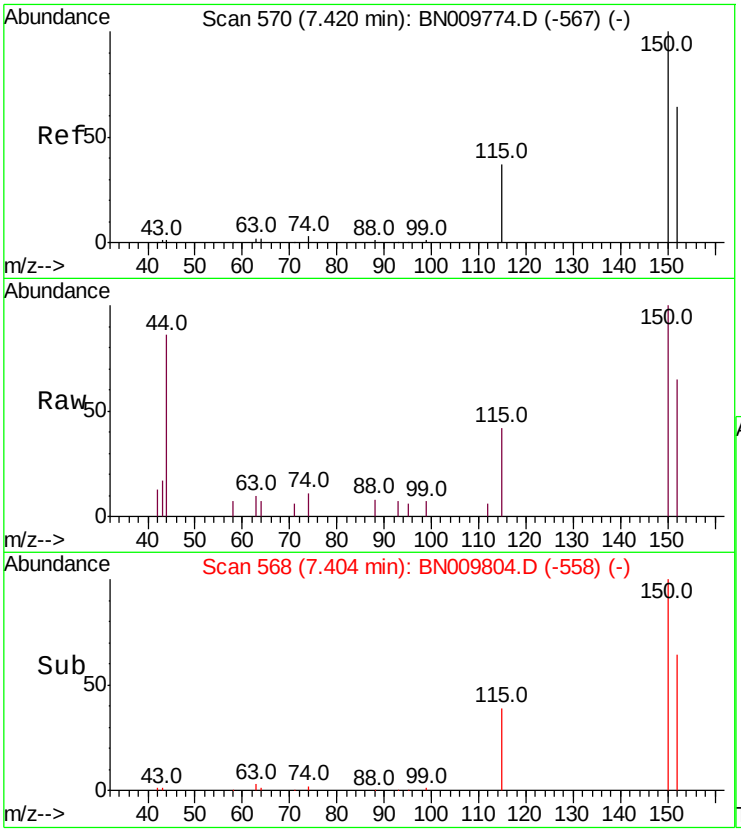
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022120\
Data File : BN009804.D
Acq On : 21 Feb 2020 12:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 21 16:37:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



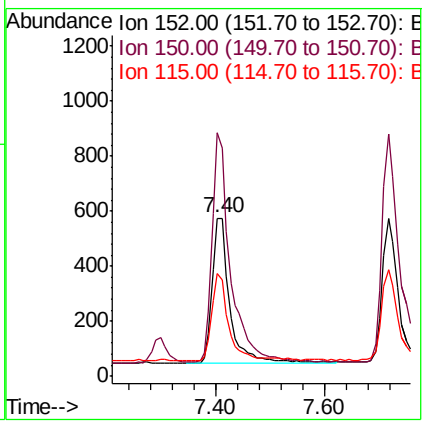


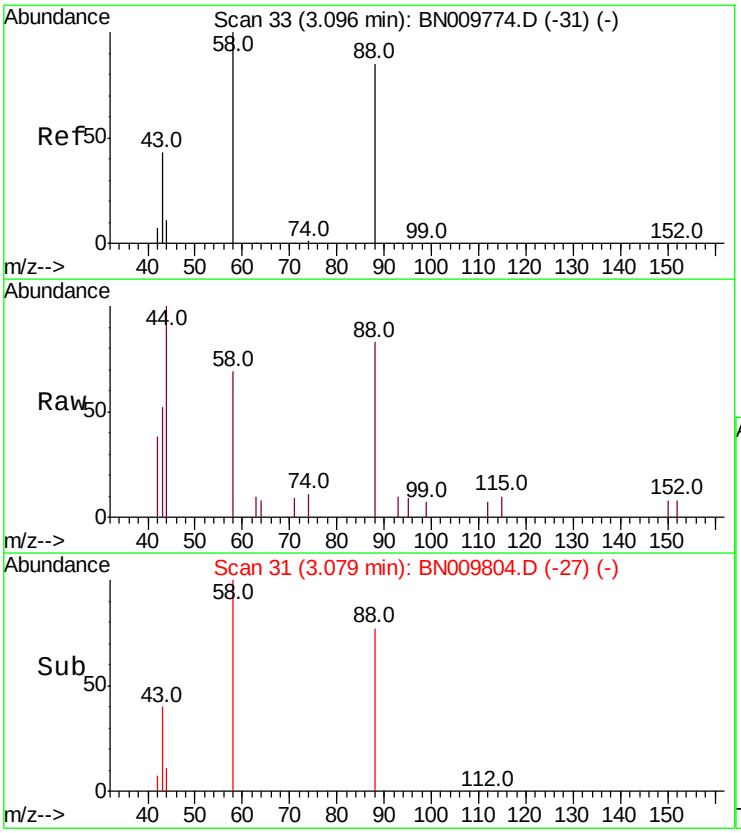
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1180

Ion	Ratio	Lower	Upper
152	100		
150	153.9	120.6	181.0
115	65.0	51.2	76.8

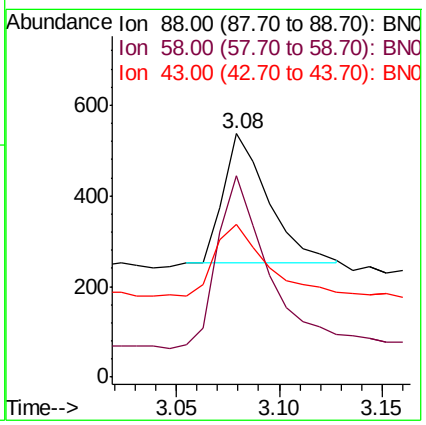


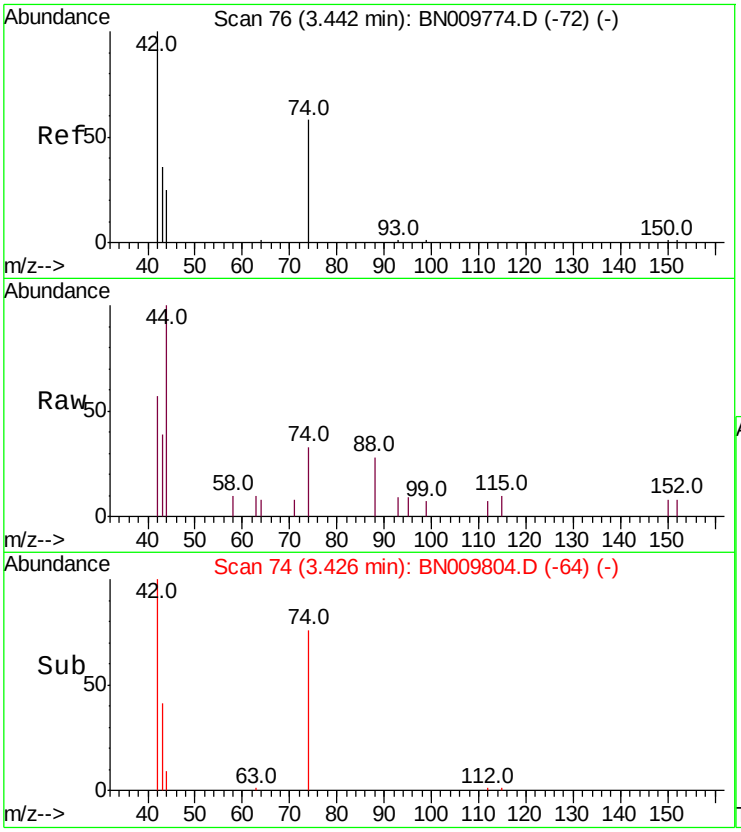


#2
1,4-Dioxane
Concen: 0.358 ng
RT: 3.08 min Scan# 31
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion: 88 Resp: 433

Ion	Ratio	Lower	Upper
88	100		
58	140.6	97.8	146.8
43	61.9	45.1	67.7



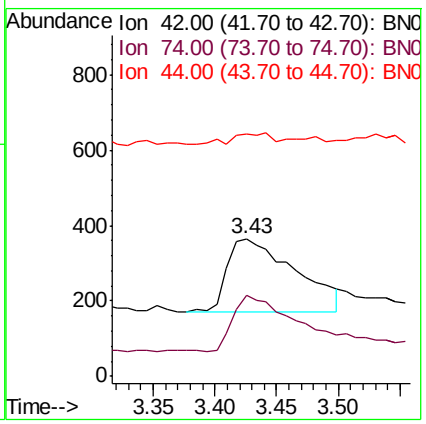


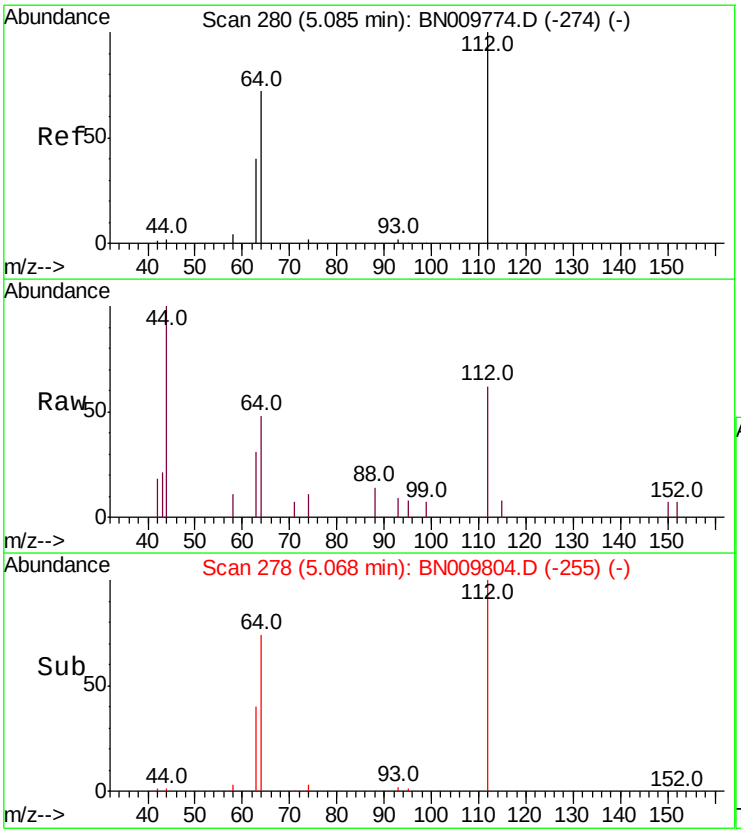
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.43 min Scan# 74
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 747

Ion	Ratio	Lower	Upper
42	100		
74	69.6	51.2	76.8
44	10.4	2.6	4.0#

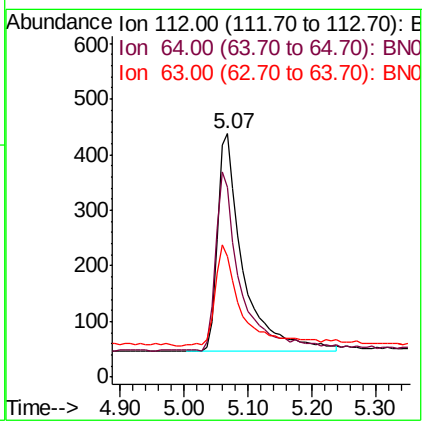


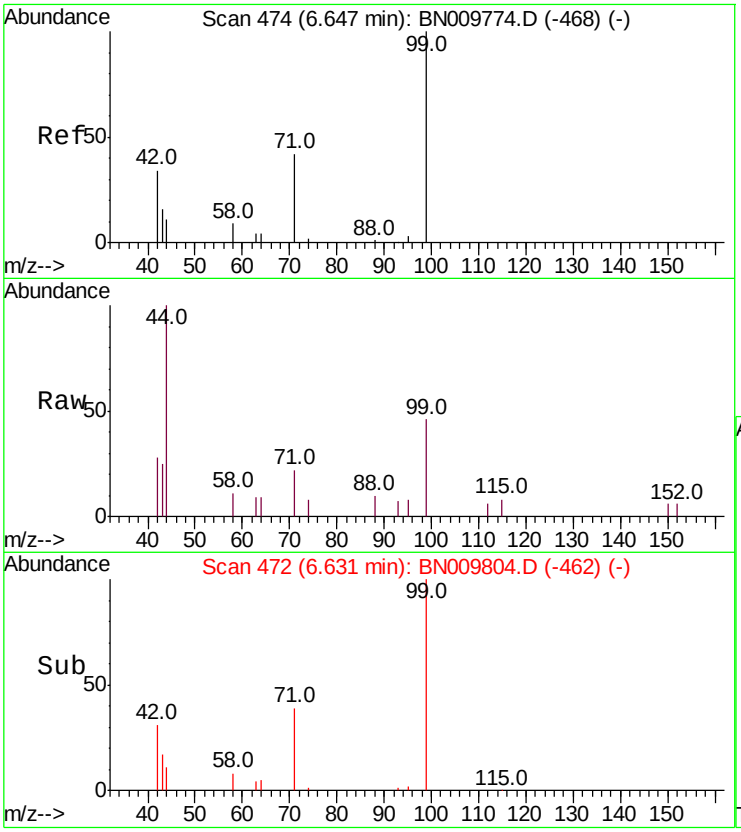


#4
2-Fluorophenol
Concen: 0.414 ng
RT: 5.07 min Scan# 278
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:112 Resp: 1086

Ion	Ratio	Lower	Upper
112	100		
64	77.9	65.8	98.6
63	46.6	38.7	58.1



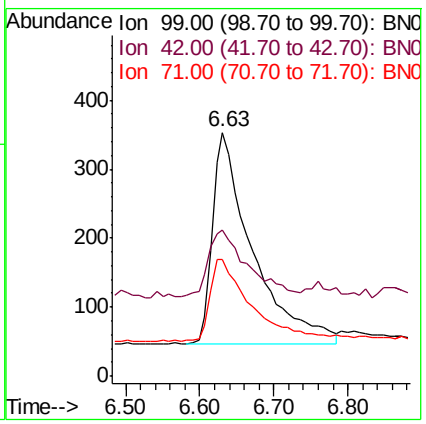


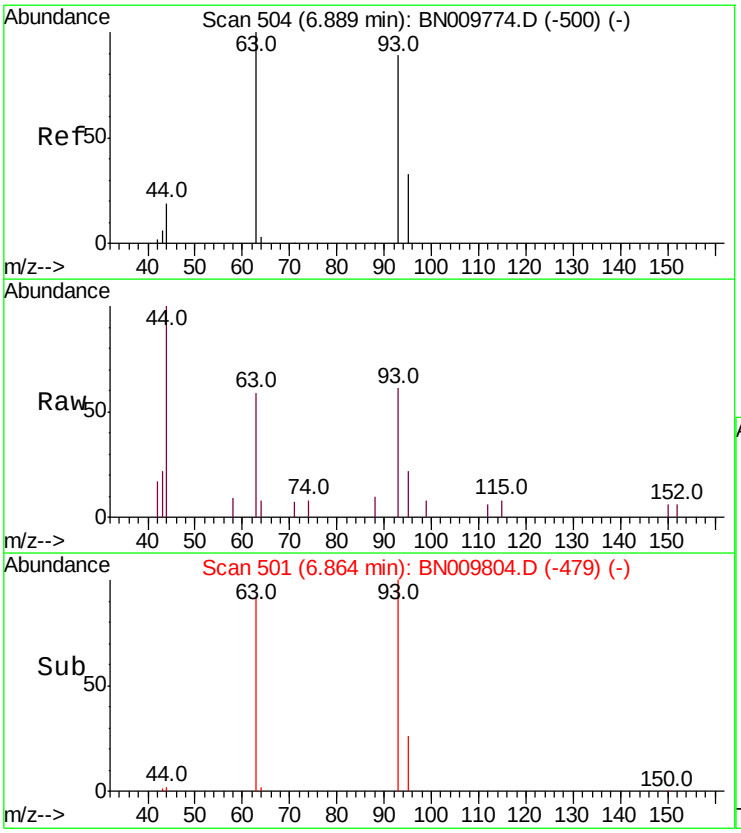
#5
Phenol-d6
Concen: 0.358 ng
RT: 6.63 min Scan# 472
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Tgt Ion: 99 Resp: 1143

Ion	Ratio	Lower	Upper
99	100		
42	31.2	30.8	46.2
71	40.3	34.9	52.3

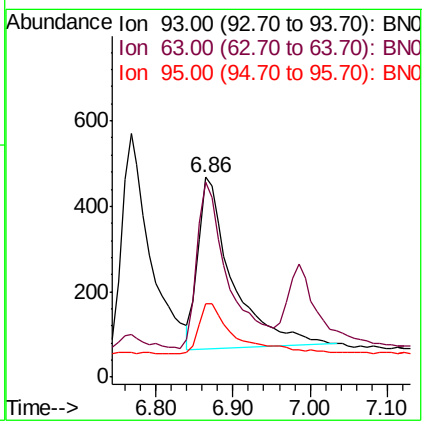


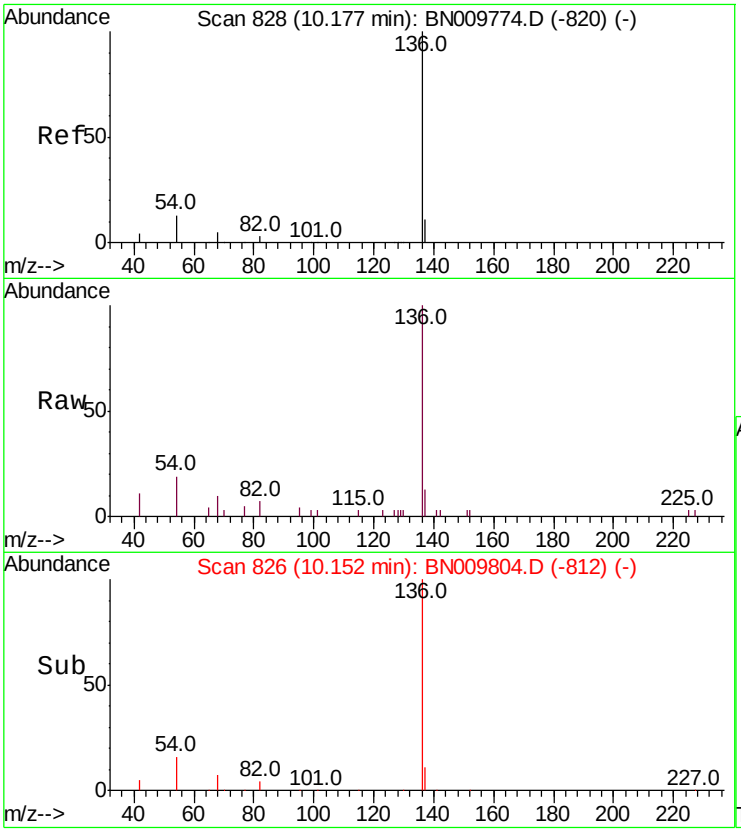


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion: 93 Resp: 1251

Ion	Ratio	Lower	Upper
93	100		
63	86.5	74.0	111.0
95	30.3	26.7	40.1



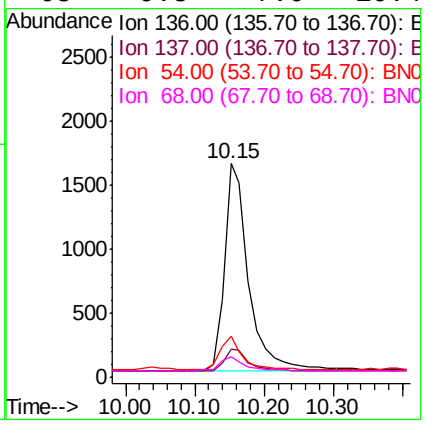


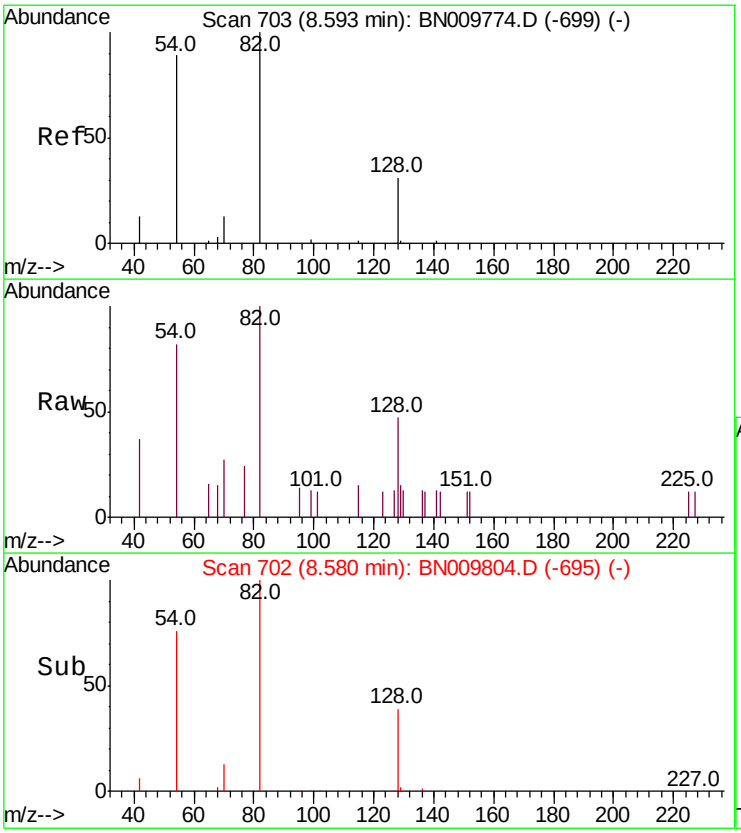
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 826
Delta R.T. -0.03 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 4007

Ion	Ratio	Lower	Upper
136	100		
137	13.3	11.3	16.9
54	19.1	13.4	20.2
68	9.8	7.0	10.4

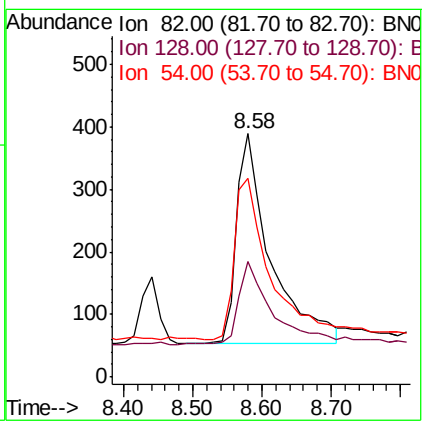


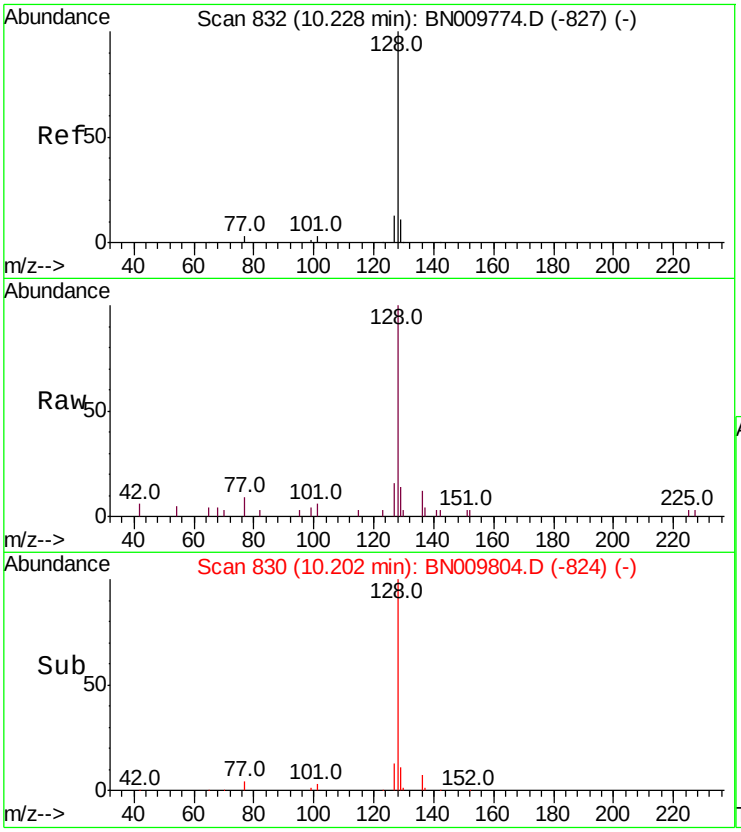


#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.58 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion: 82 Resp: 1157

Ion	Ratio	Lower	Upper
82	100		
128	47.3	32.5	48.7
54	81.7	73.5	110.3



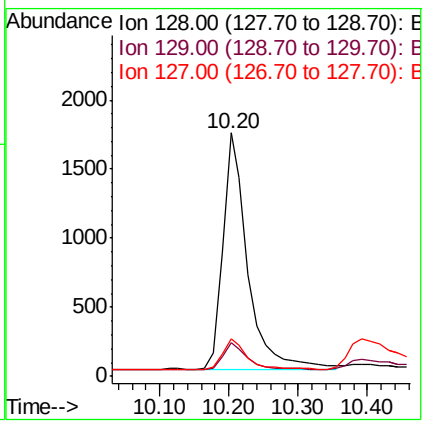


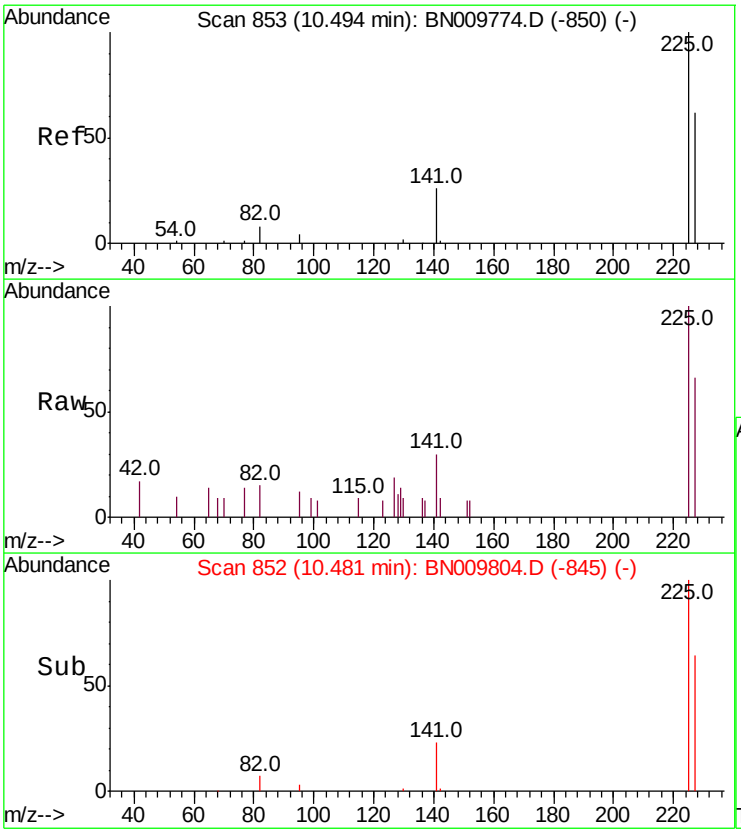
#9
Naphthalene
Concen: 0.392 ng
RT: 10.20 min Scan# 830
Delta R.T. -0.03 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 4284

Ion	Ratio	Lower	Upper
128	100		
129	13.6	11.1	16.7
127	15.5	12.6	19.0

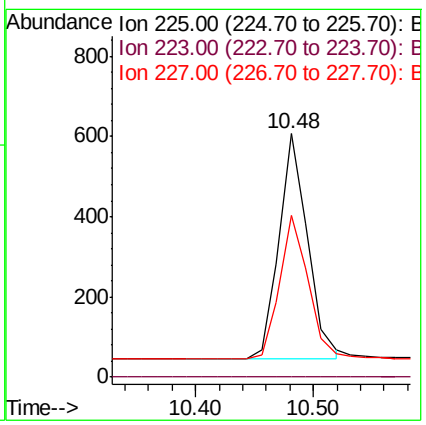


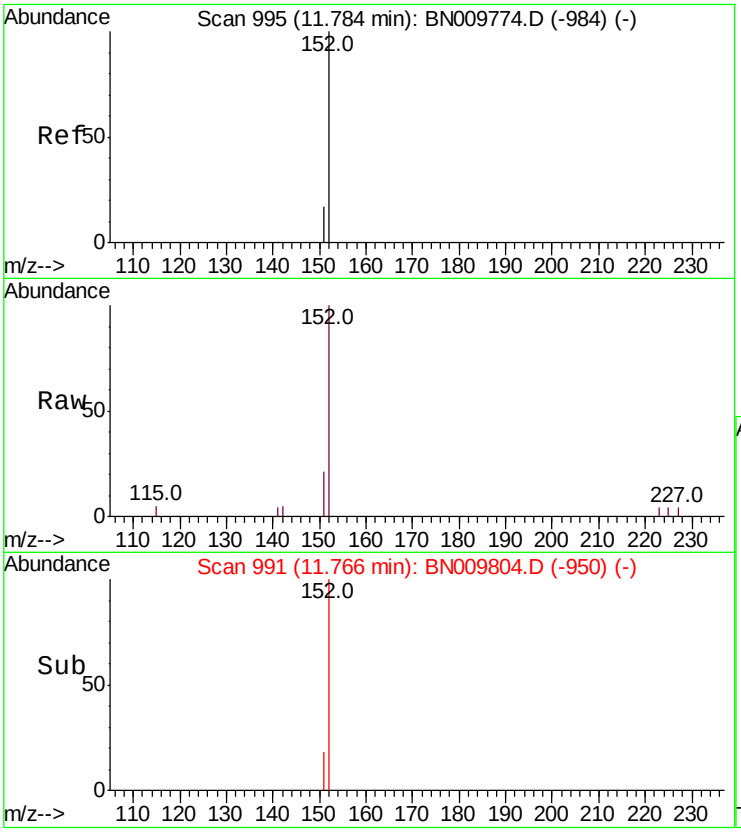


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 10.48 min Scan# 852
Delta R.T. -0.01 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:225 Resp: 954

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	53.4	80.2



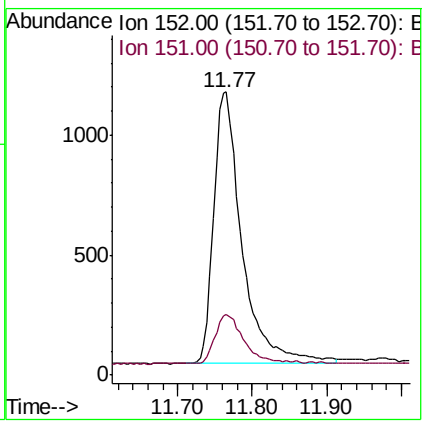


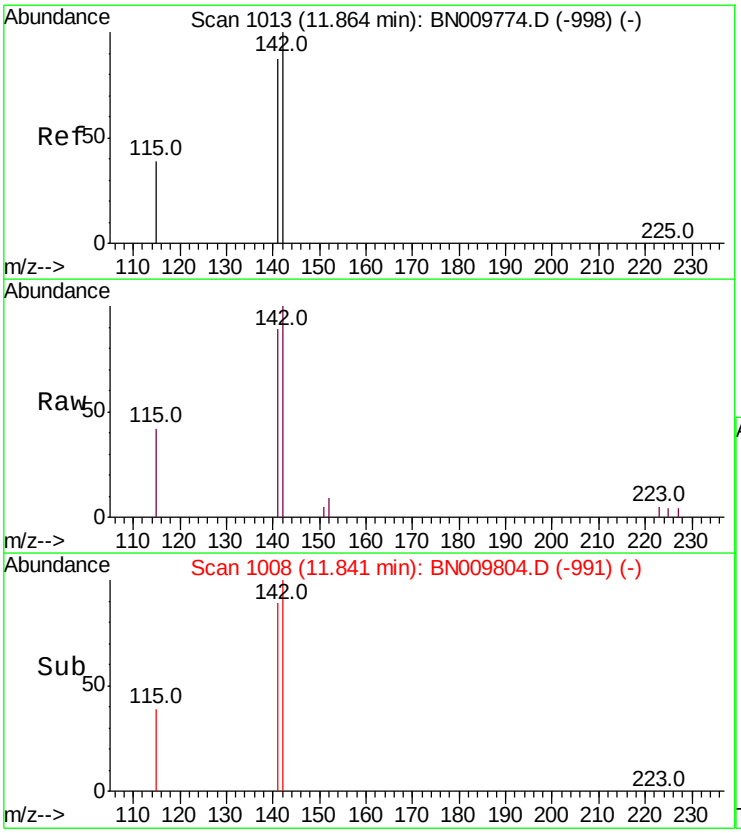
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.77 min Scan# 991
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2996

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.1	22.7

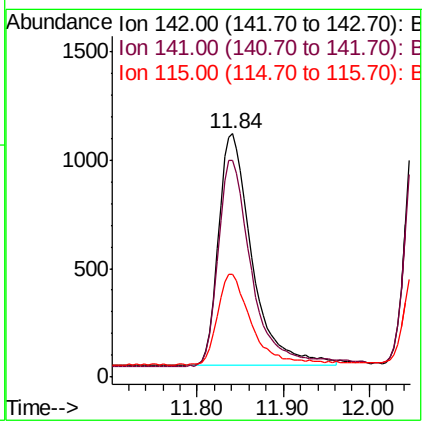


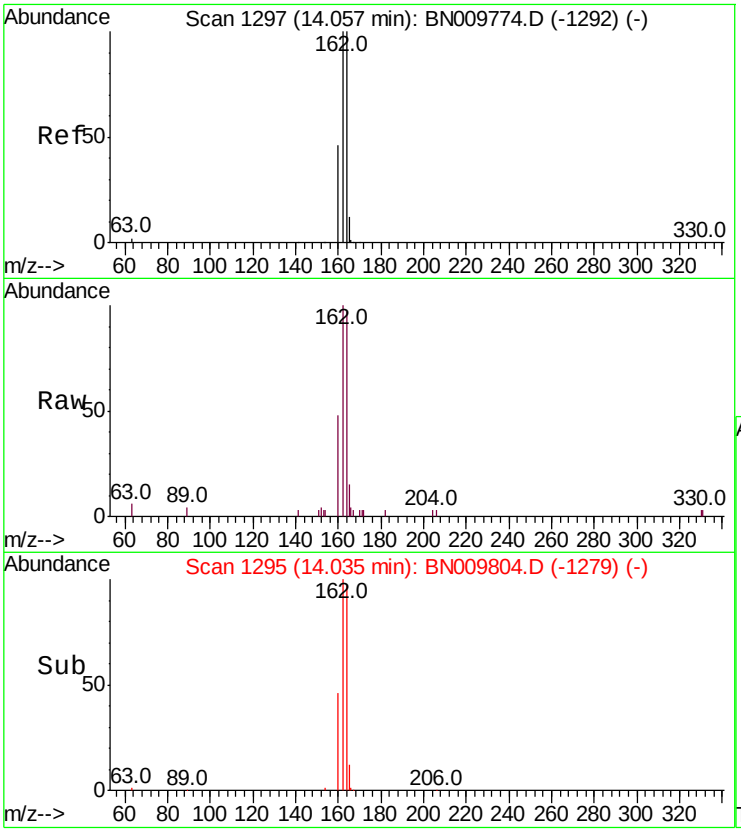


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:142 Resp: 2884

Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.8	104.6
115	42.2	34.6	52.0



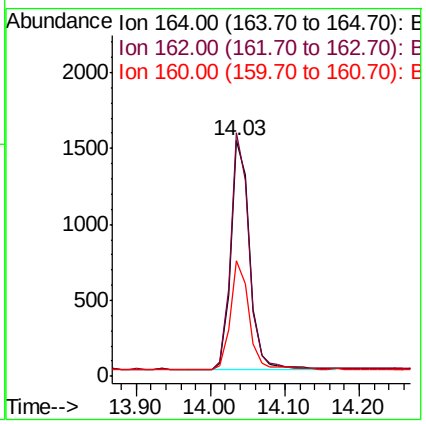


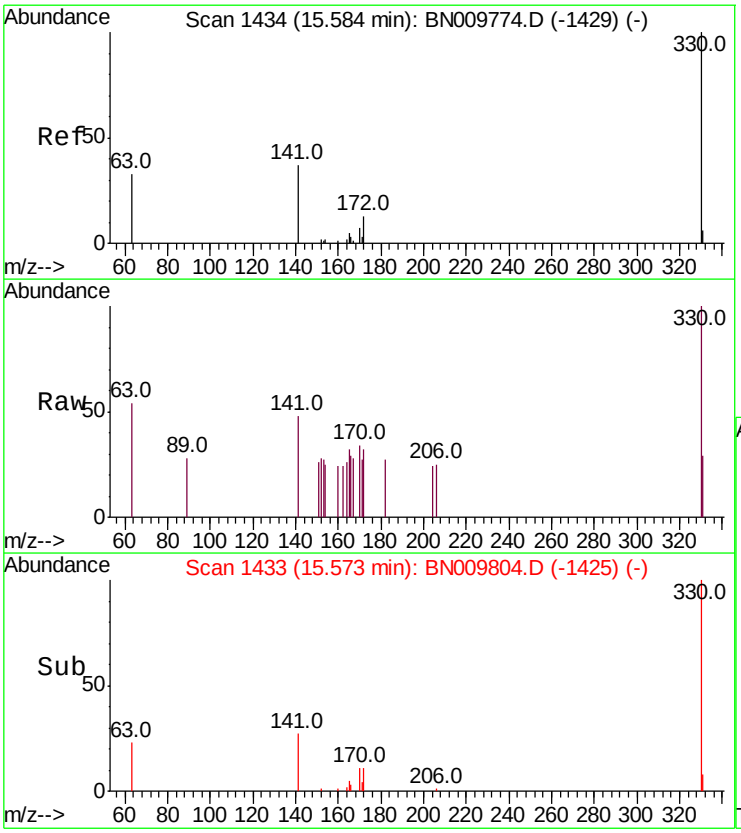
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2629

Ion	Ratio	Lower	Upper
164	100		
162	103.4	79.9	119.9
160	49.3	38.2	57.2

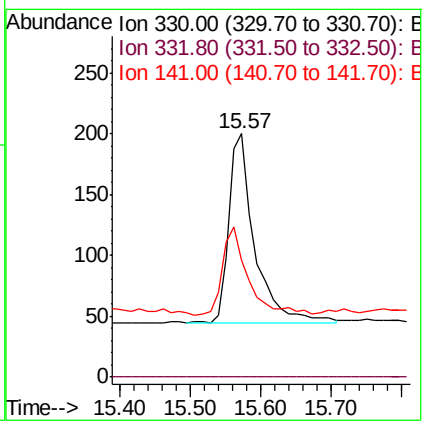


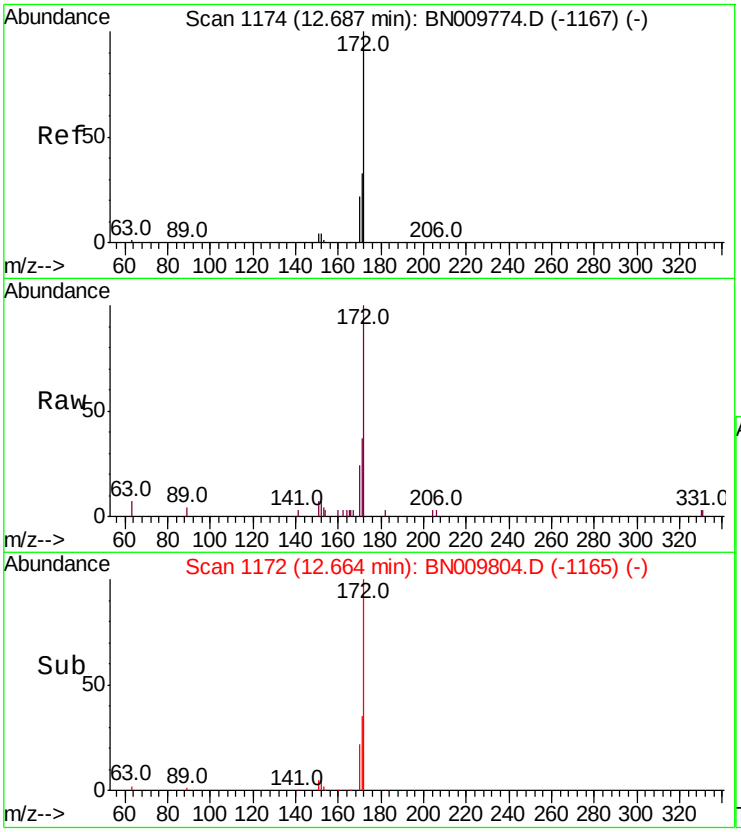


#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.57 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:330 Resp: 396

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.7	36.8	55.2



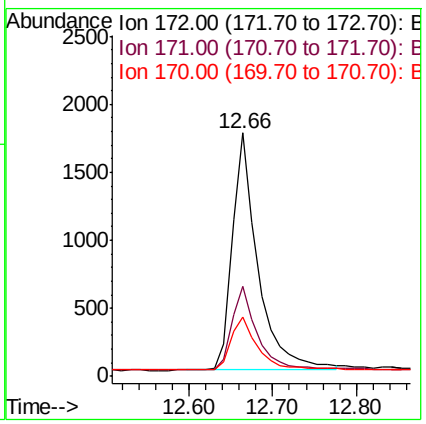


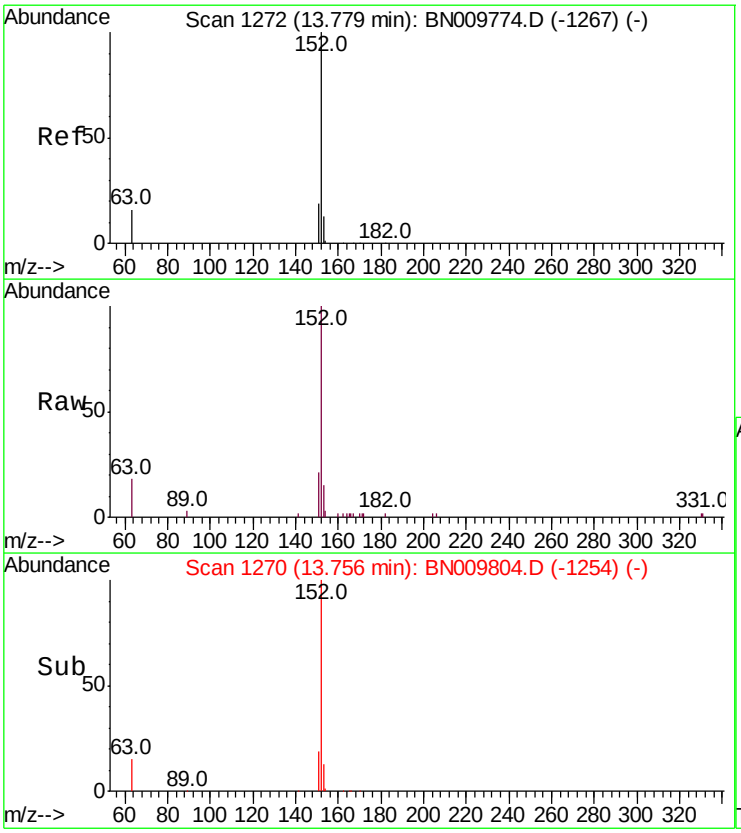
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3691

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	24.3	20.1	30.1

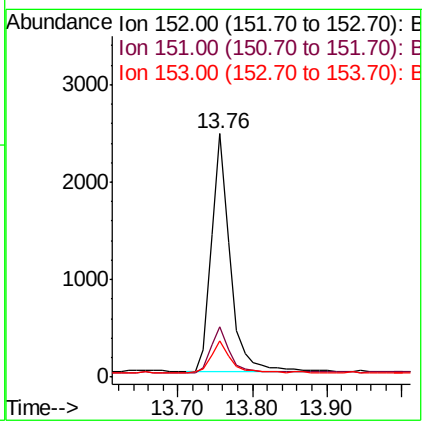


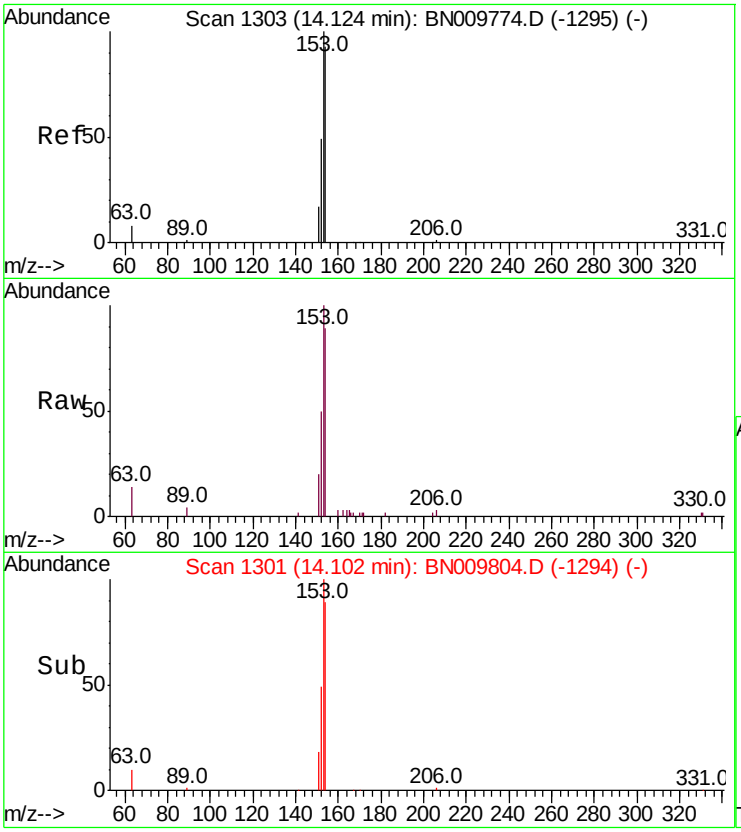


#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:152 Resp: 4264

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6
153	13.3	10.2	15.4



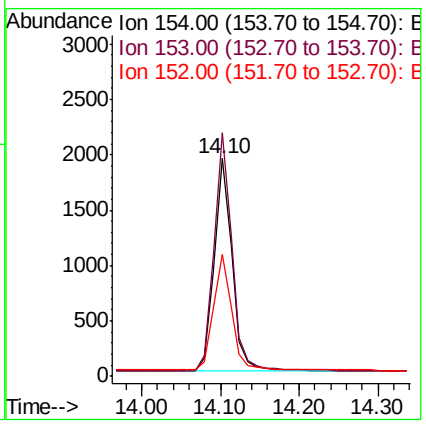


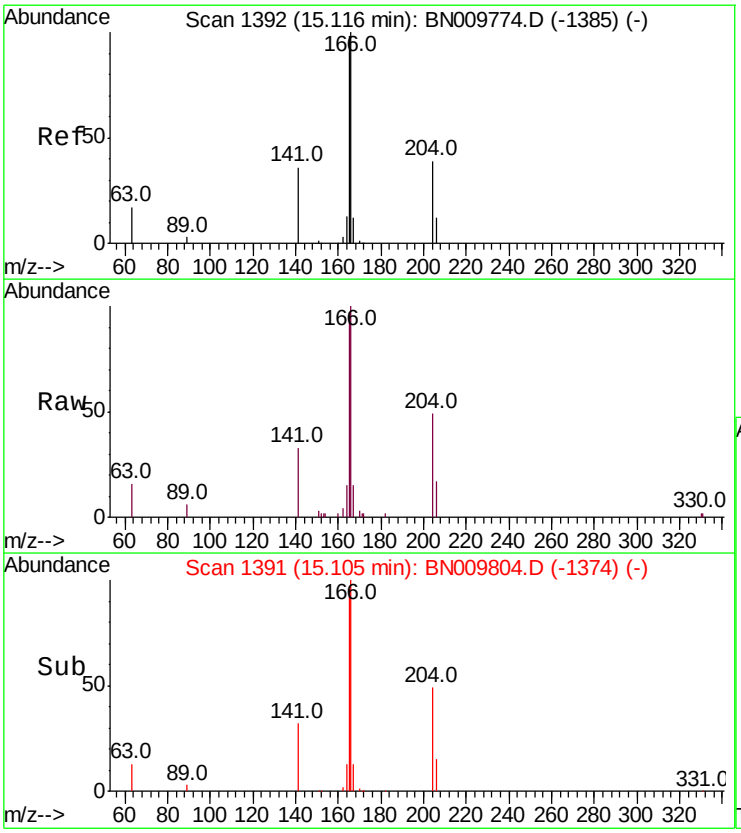
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3049

Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.9	133.3
152	55.0	44.2	66.2

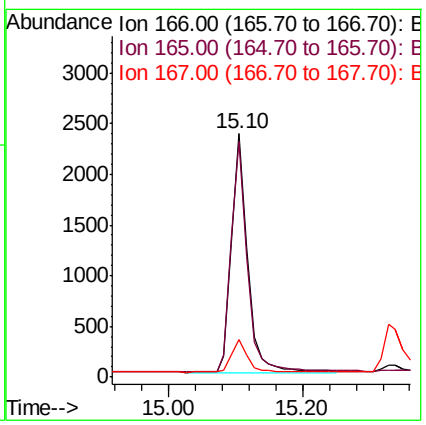


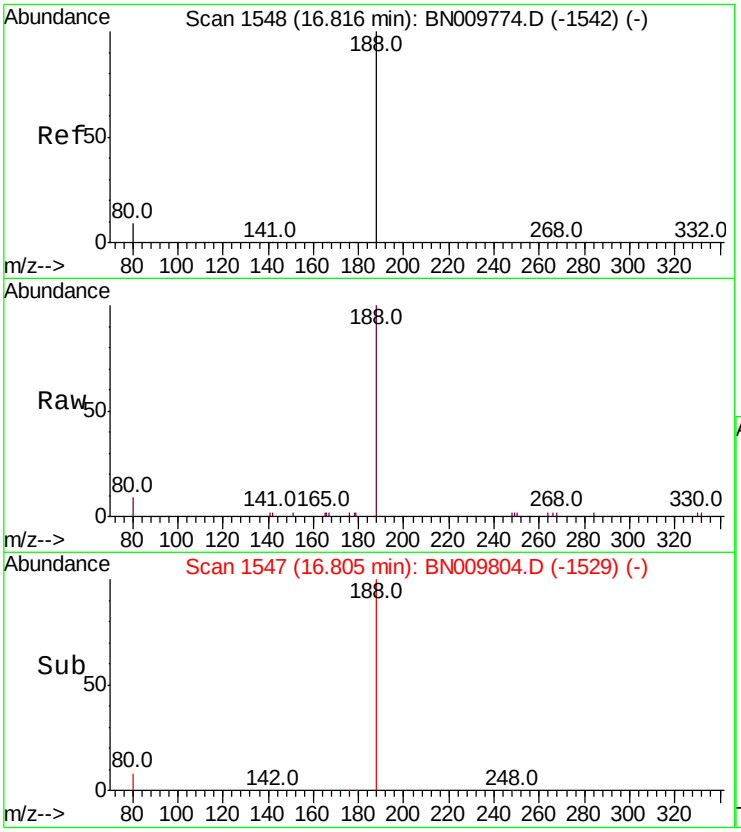


#18
Fluorene
Concen: 0.373 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:166 Resp: 3880

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.2	115.8
167	14.3	10.5	15.7



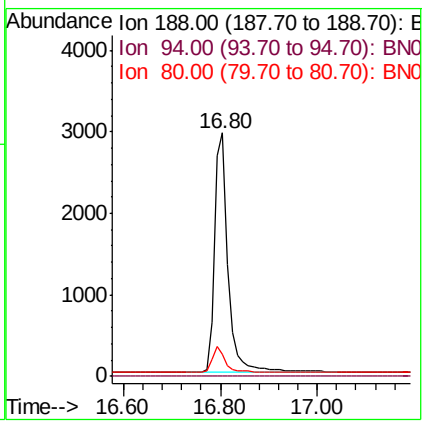


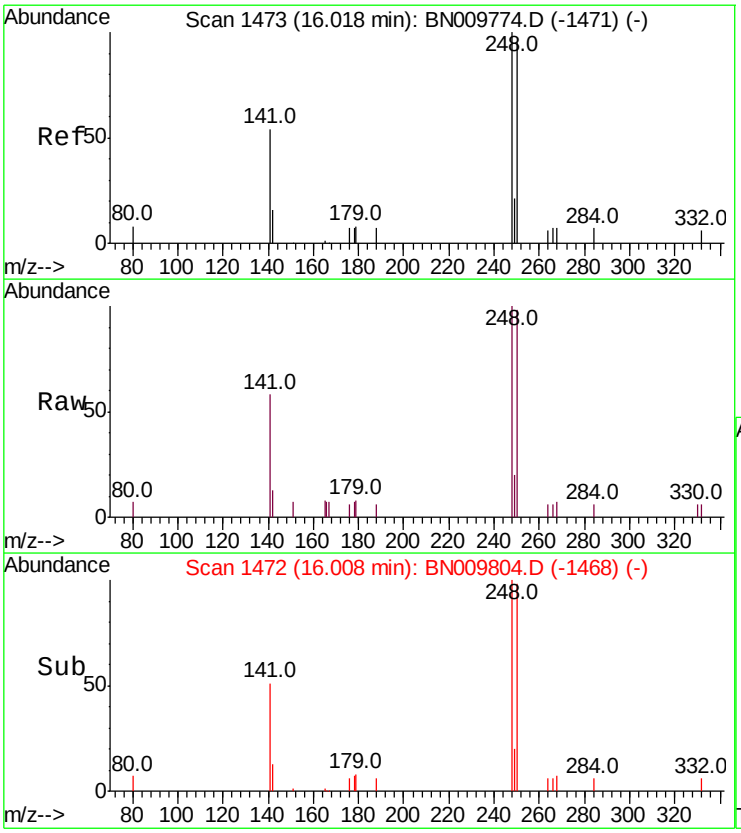
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 5715

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	8.3	12.5

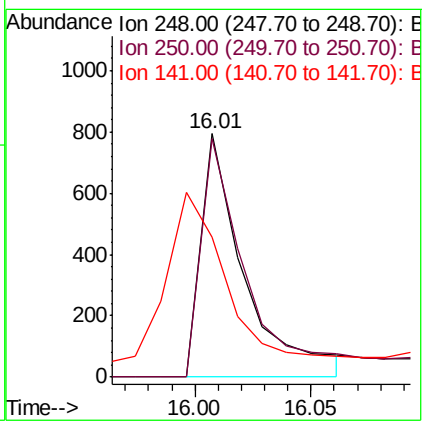


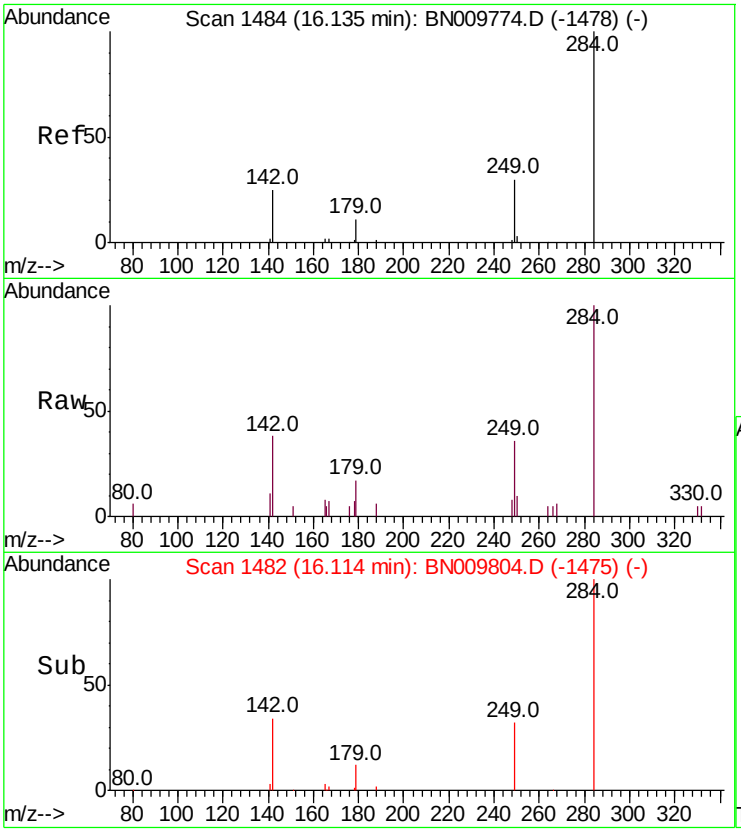


#20
4-Bromophenyl-phenylether
Concen: 0.214 ng
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:248 Resp: 1032

Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.2	114.4
141	57.6	57.8	86.6#



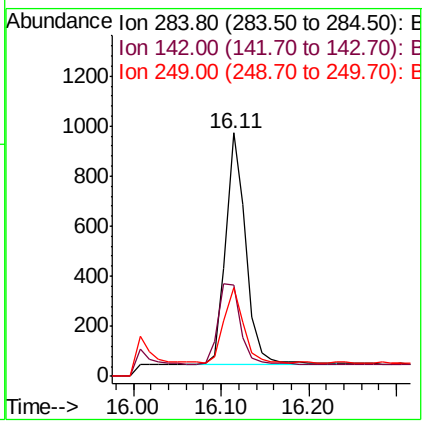


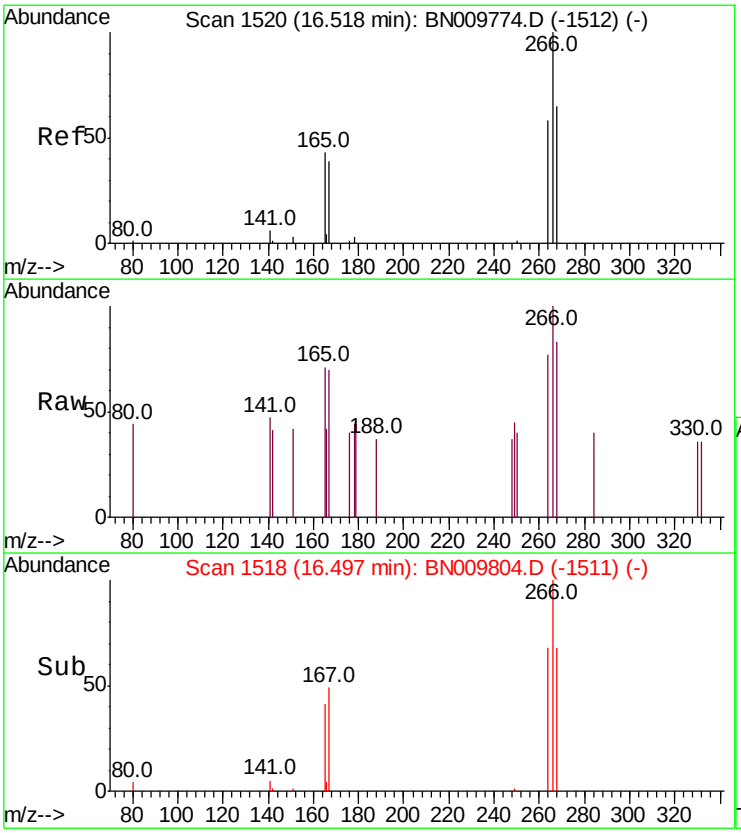
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1436

Ion	Ratio	Lower	Upper
284	100		
142	39.3	33.3	49.9
249	32.3	25.7	38.5

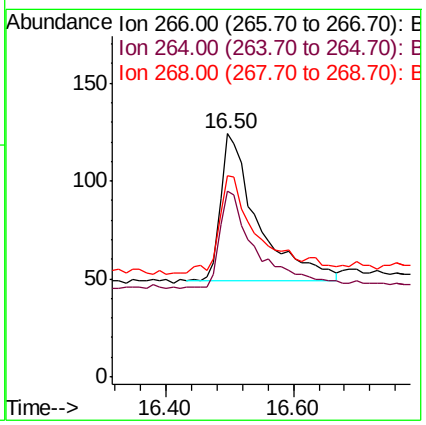


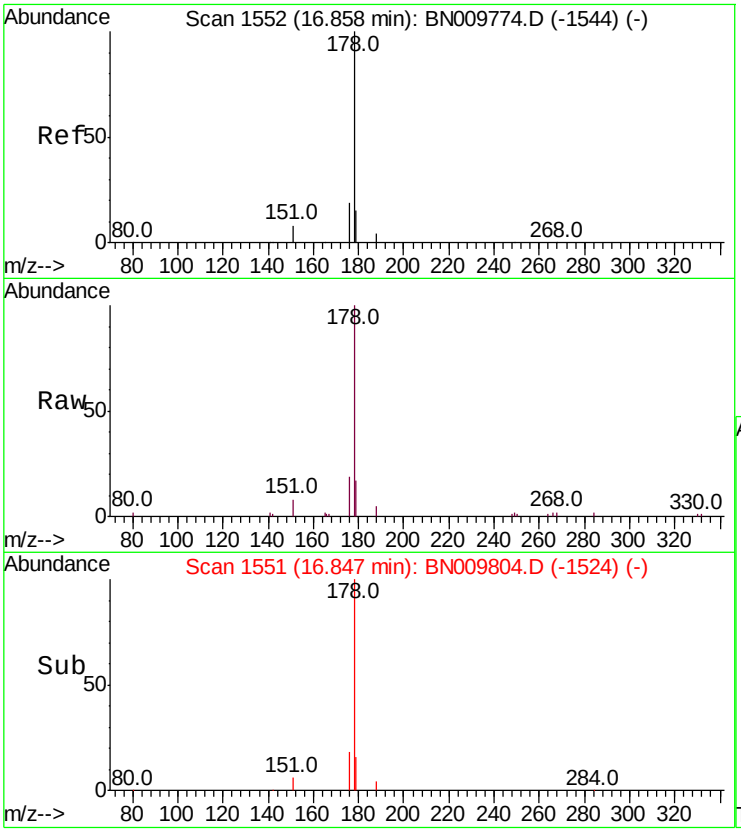


#22
Pentachlorophenol
Concen: 0.432 ng
RT: 16.50 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:266 Resp: 302

Ion	Ratio	Lower	Upper
266	100		
264	76.6	58.1	87.1
268	83.1	65.7	98.5



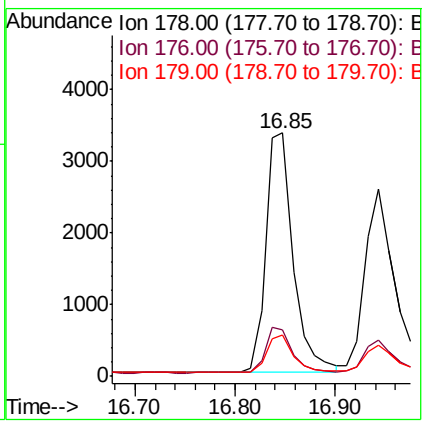


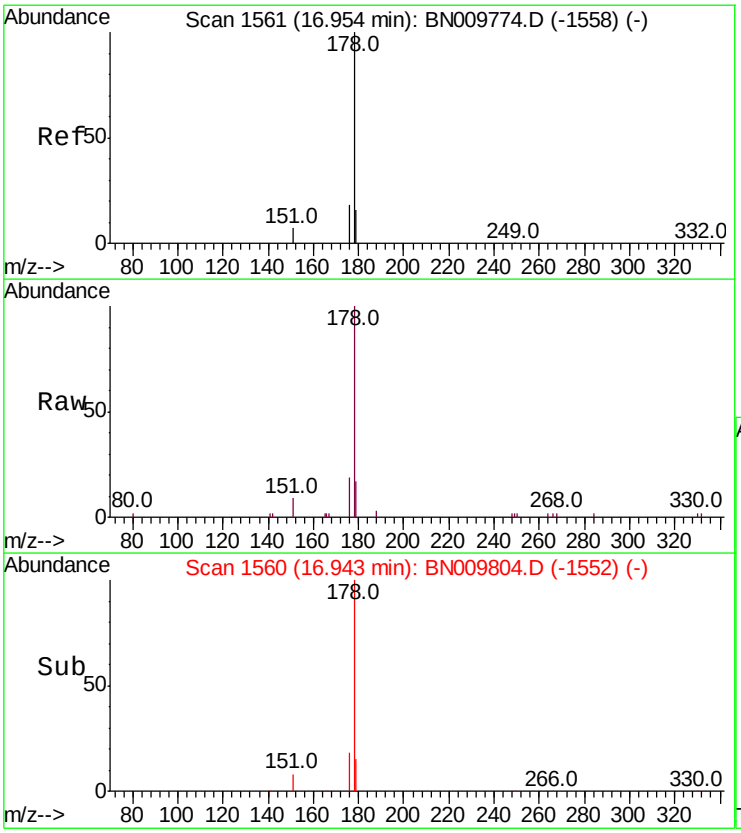
#23
Phenanthrene
Concen: 0.372 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6329

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.6	12.4	18.6

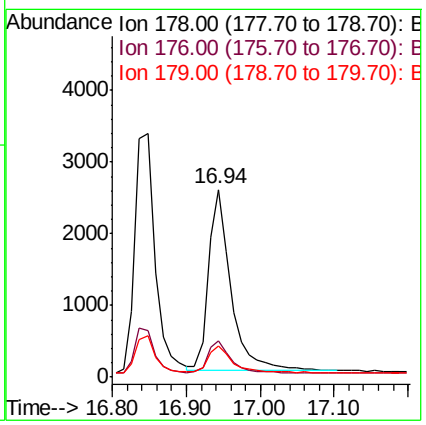


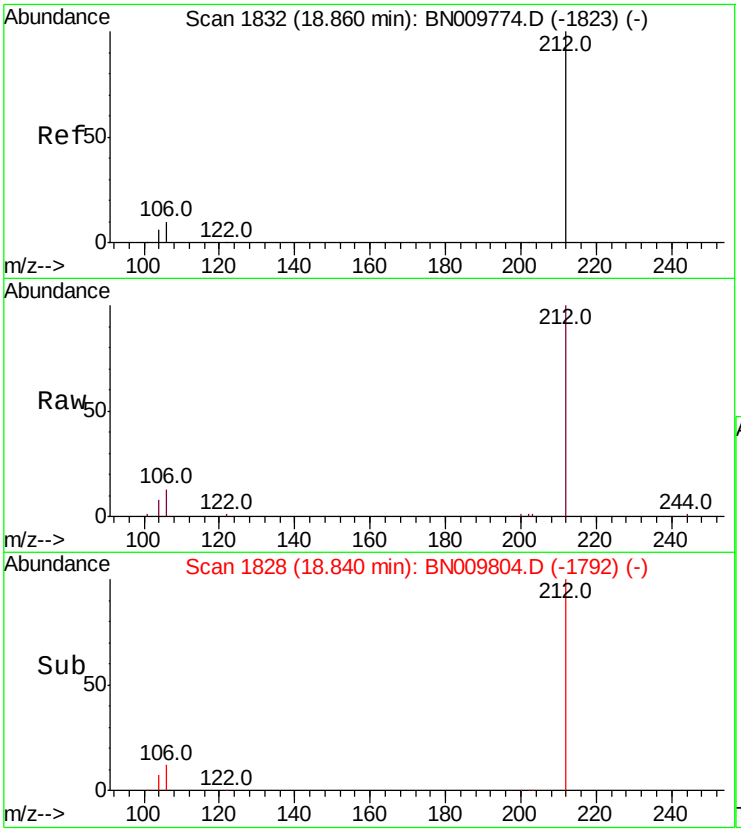


#24
Anthracene
Concen: 0.371 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:178 Resp: 5341

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.2	12.4	18.6



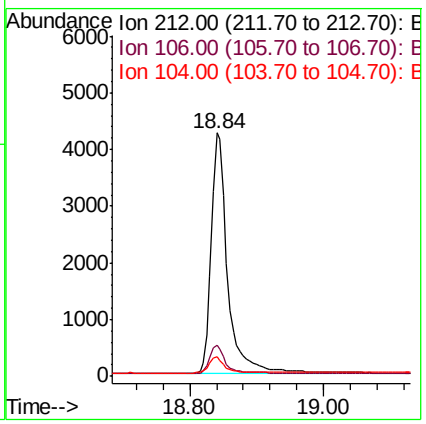


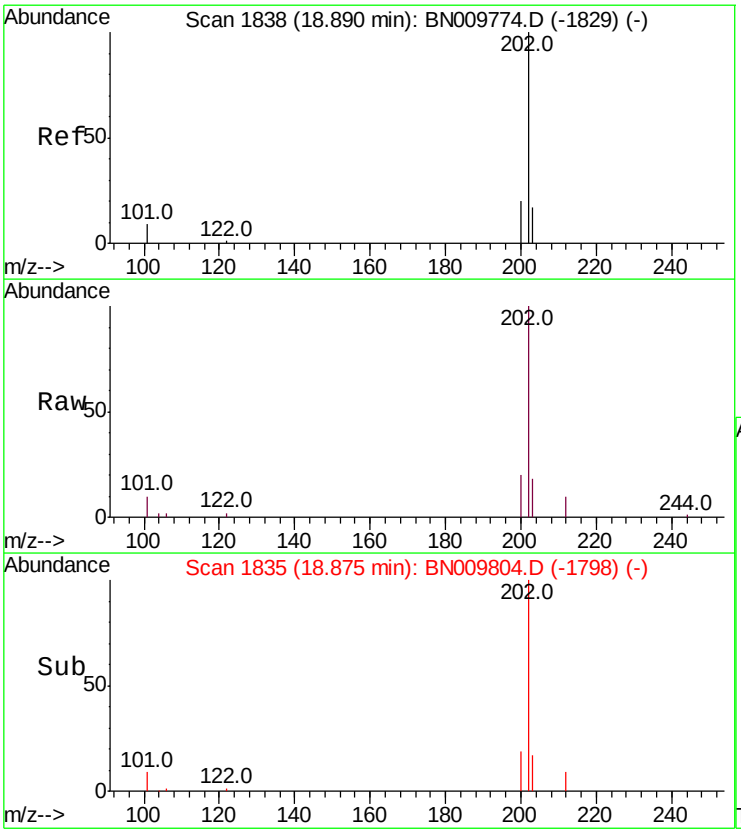
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 18.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 7318

Ion	Ratio	Lower	Upper
212	100		
106	11.4	8.4	12.6
104	6.6	4.8	7.2

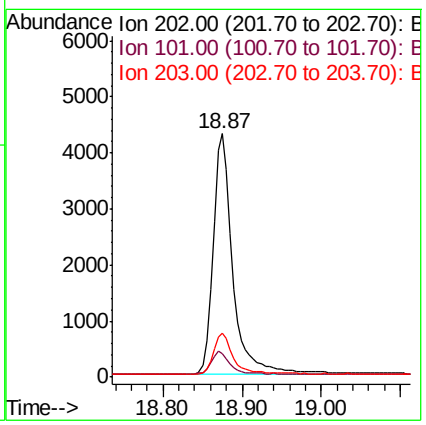


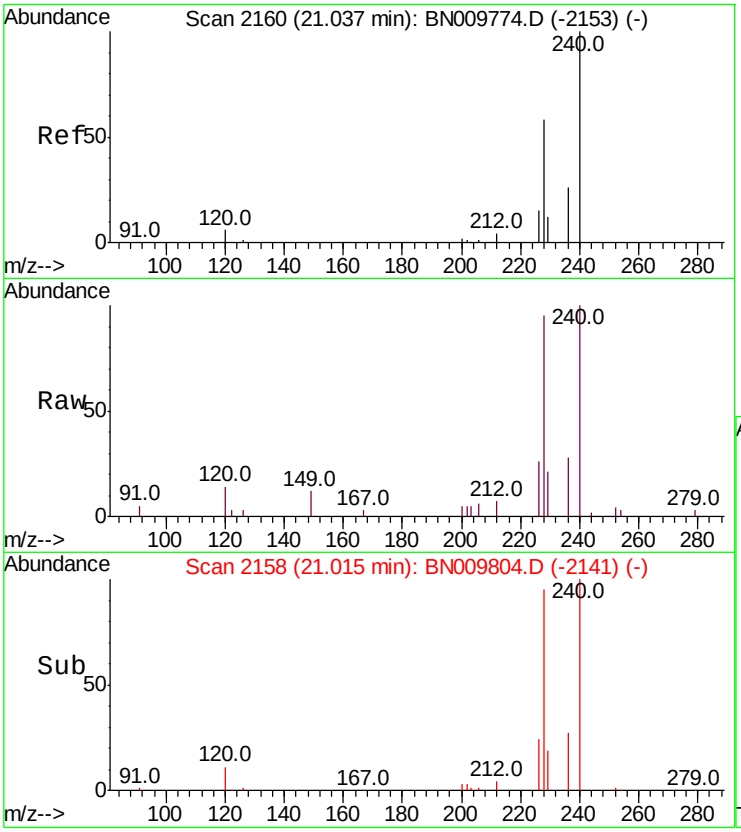


#26
Fluoranthene
Concen: 0.369 ng
RT: 18.87 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:202 Resp: 7505

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.1	10.7
203	17.2	13.8	20.6



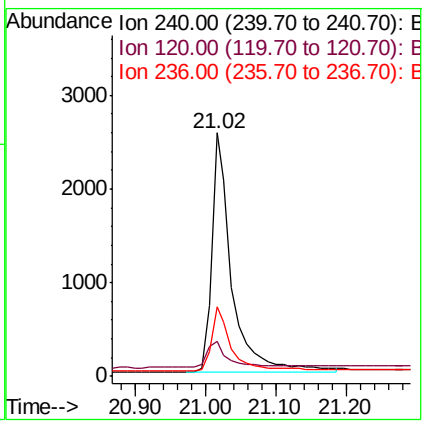


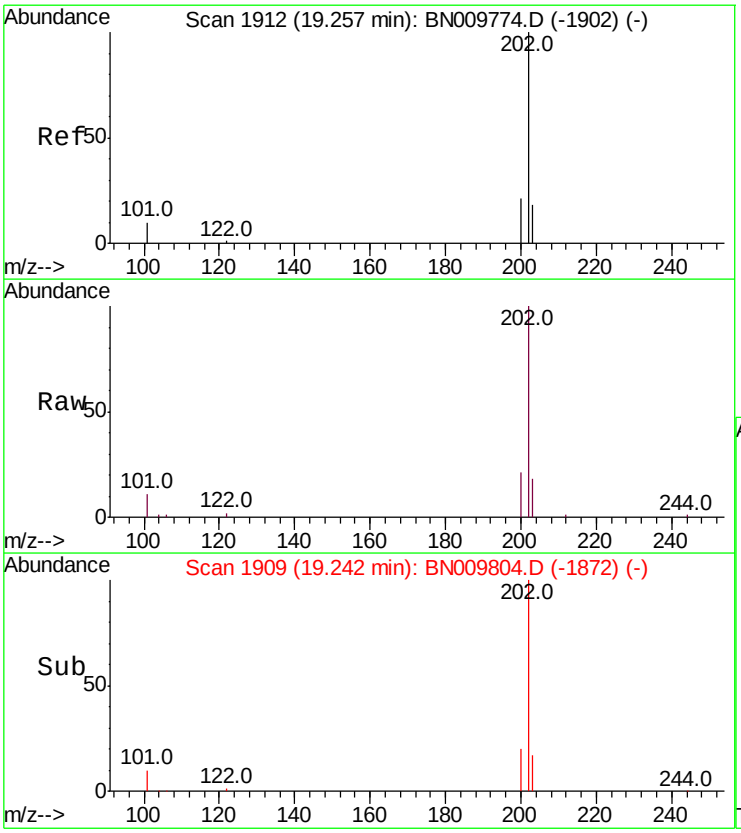
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 5048

Ion	Ratio	Lower	Upper
240	100		
120	14.2	7.9	11.9#
236	28.5	22.0	33.0

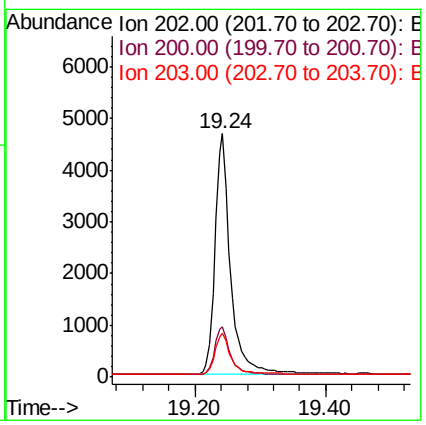


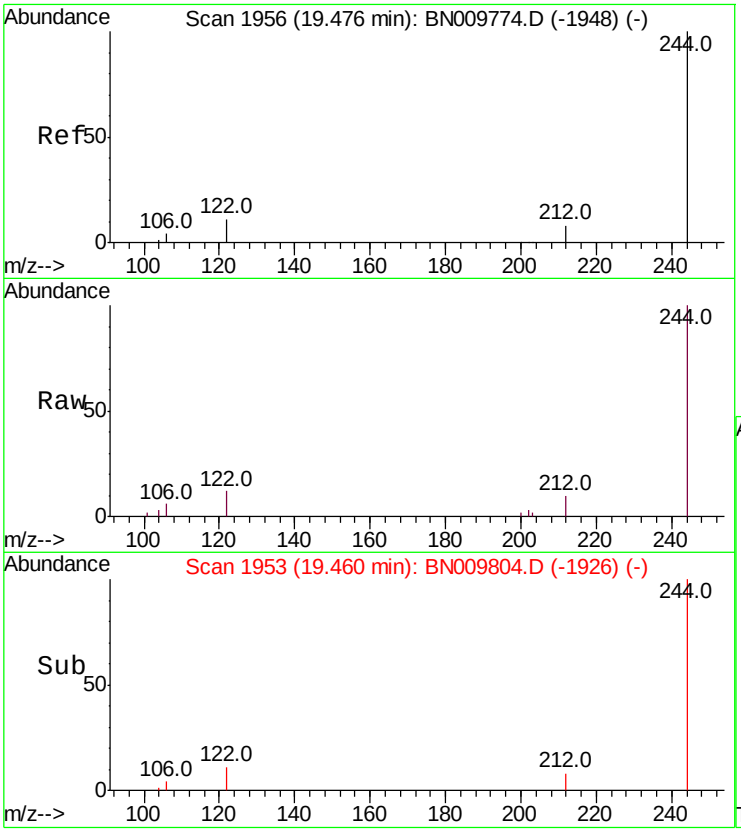


#28
Pyrene
Concen: 0.403 ng
RT: 19.24 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:202 Resp: 7725

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.4	24.6
203	17.1	13.9	20.9



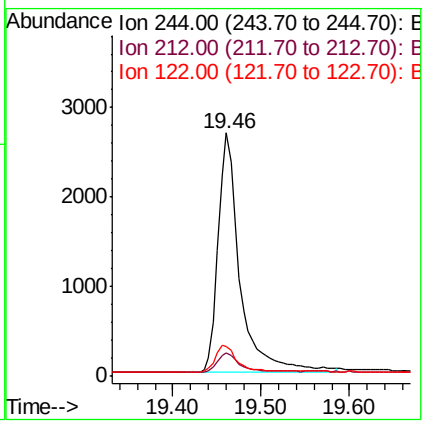


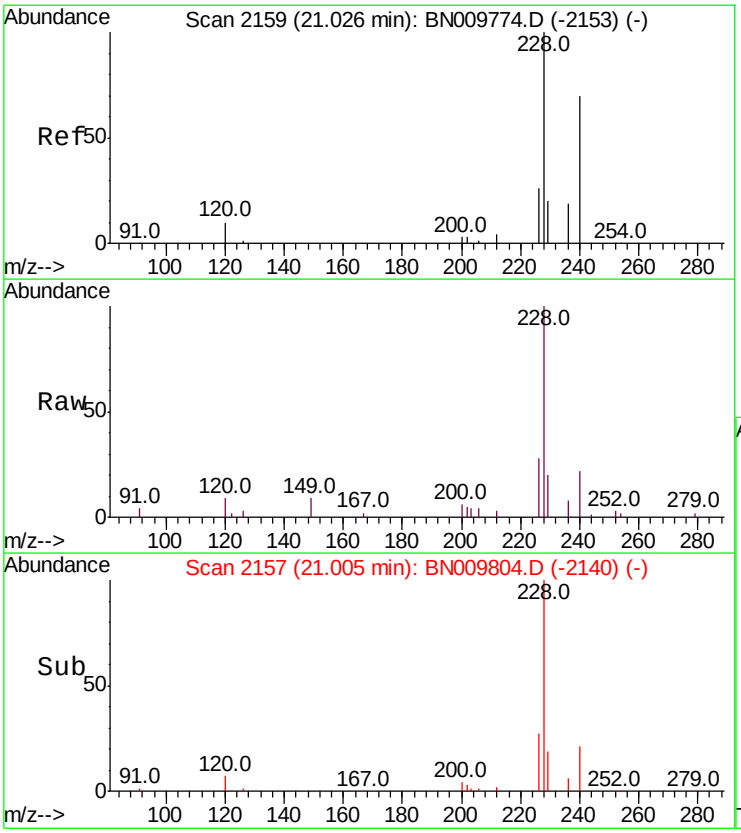
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.46 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 4594

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.0	12.0
122	12.2	10.0	15.0

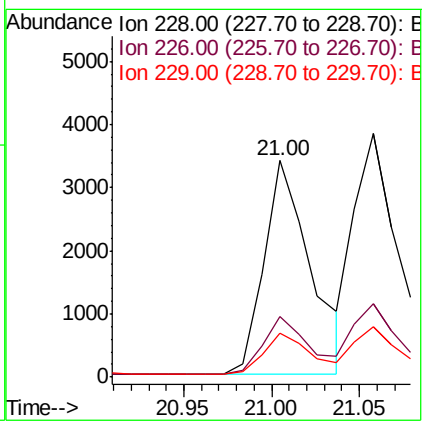


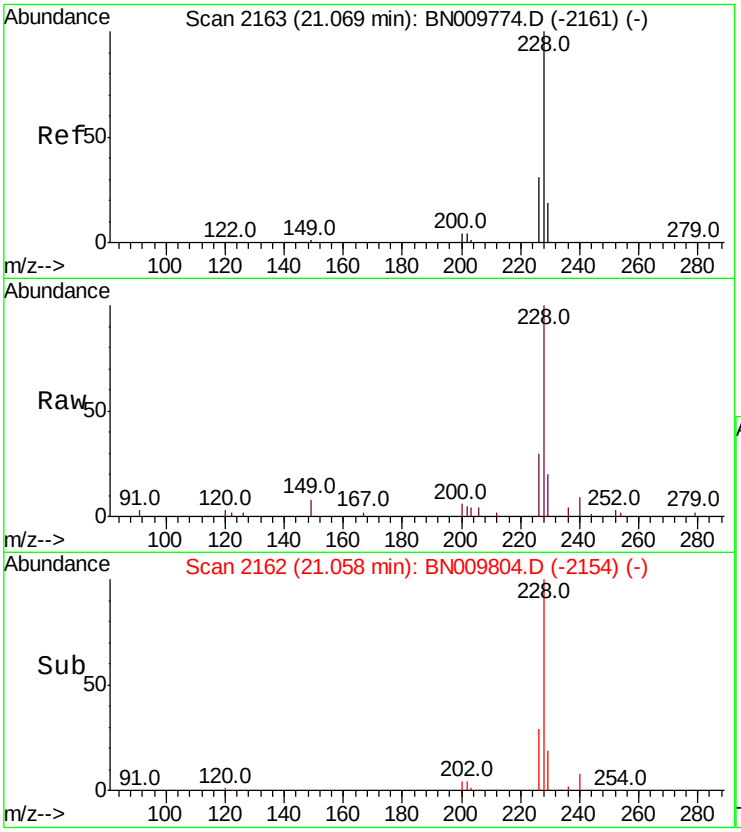


#30
Benzo(a)anthracene
Concen: 0.372 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:228 Resp: 6228

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.2	17.1	25.7



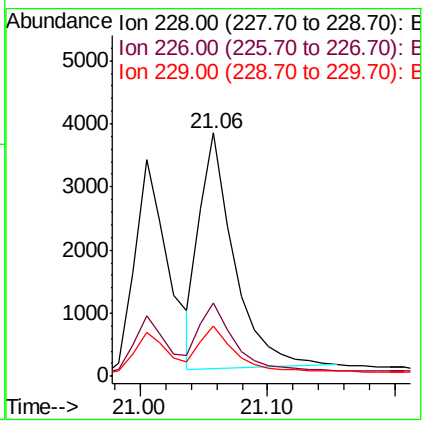


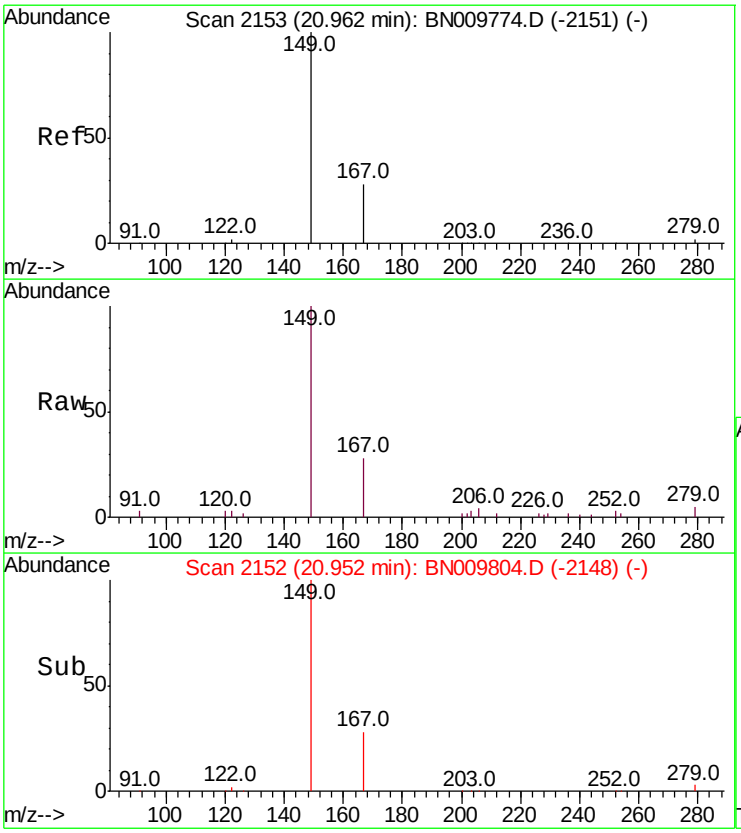
#31
Chrysene
Concen: 0.363 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 7033

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	20.4	16.4	24.6

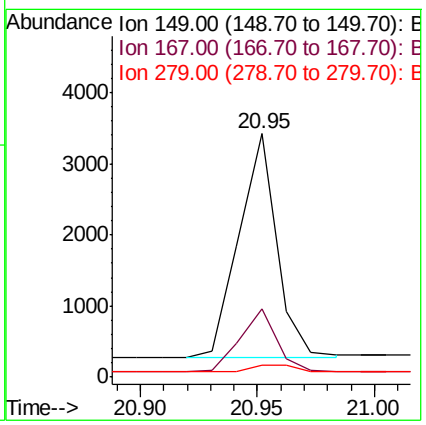


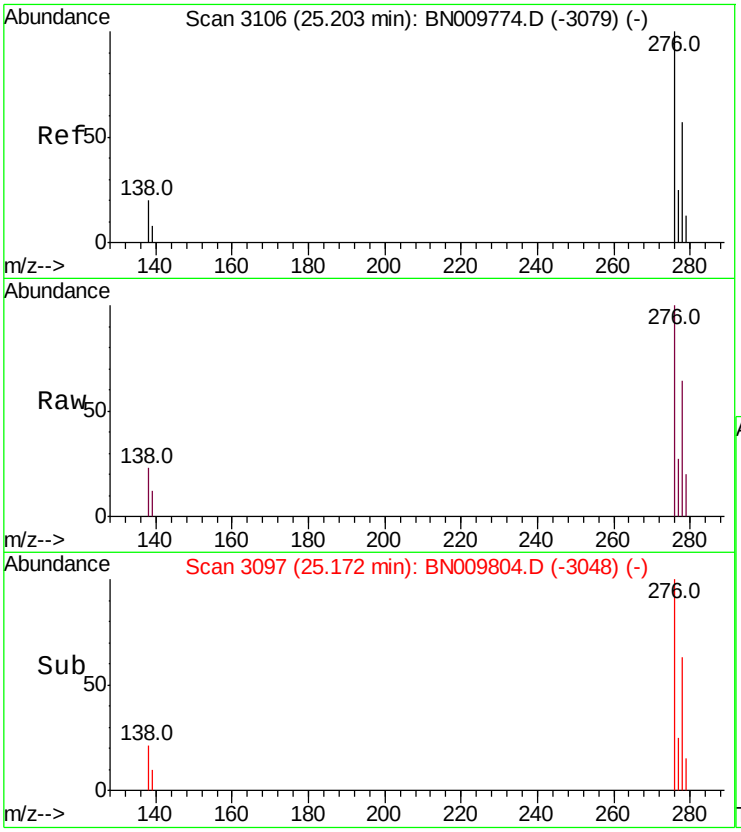


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.436 ng
RT: 20.95 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:149 Resp: 3564

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.7	34.1
279	4.0	3.1	4.7



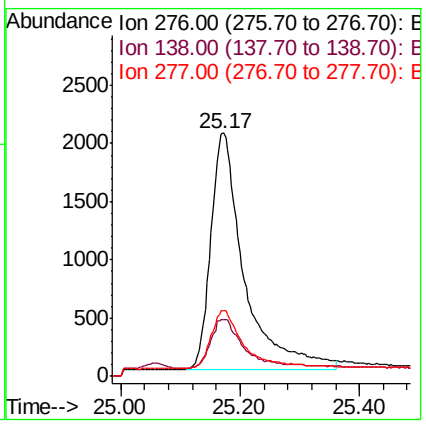


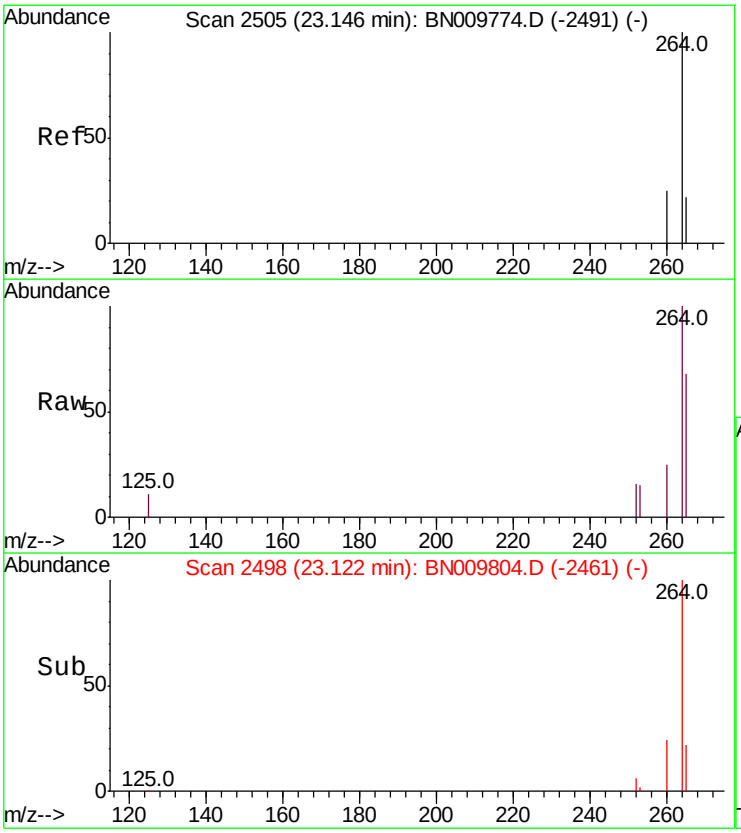
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 25.17 min Scan# 3097
Delta R.T. -0.03 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 7878

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.8	23.6
277	22.0	19.3	28.9

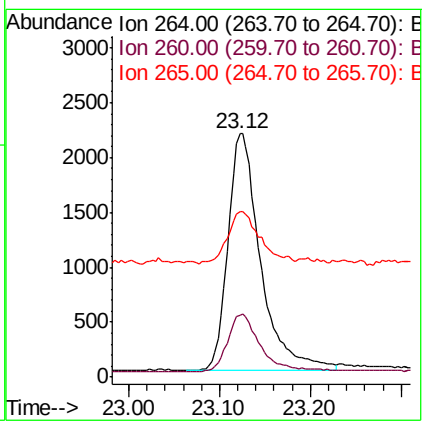


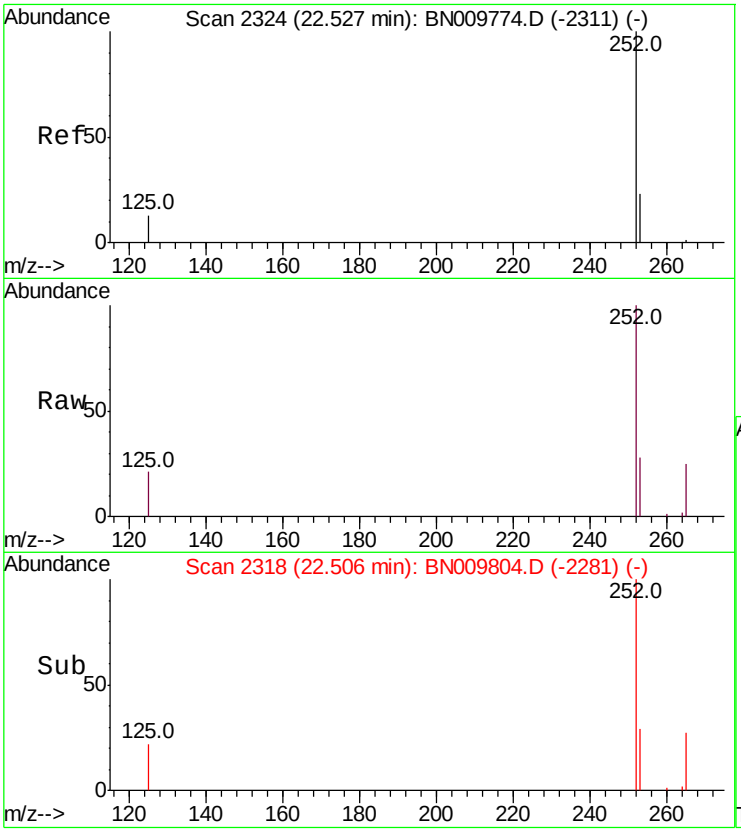


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.12 min Scan# 2498
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:264 Resp: 5382

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.1	31.7
265	67.8	57.5	86.3



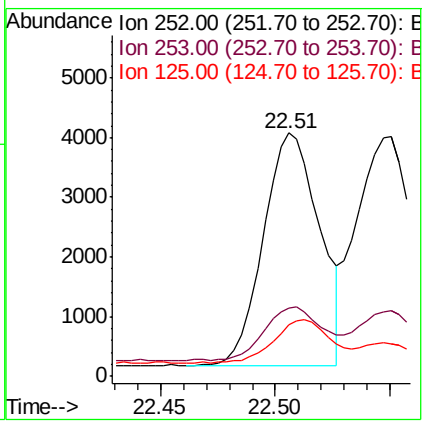


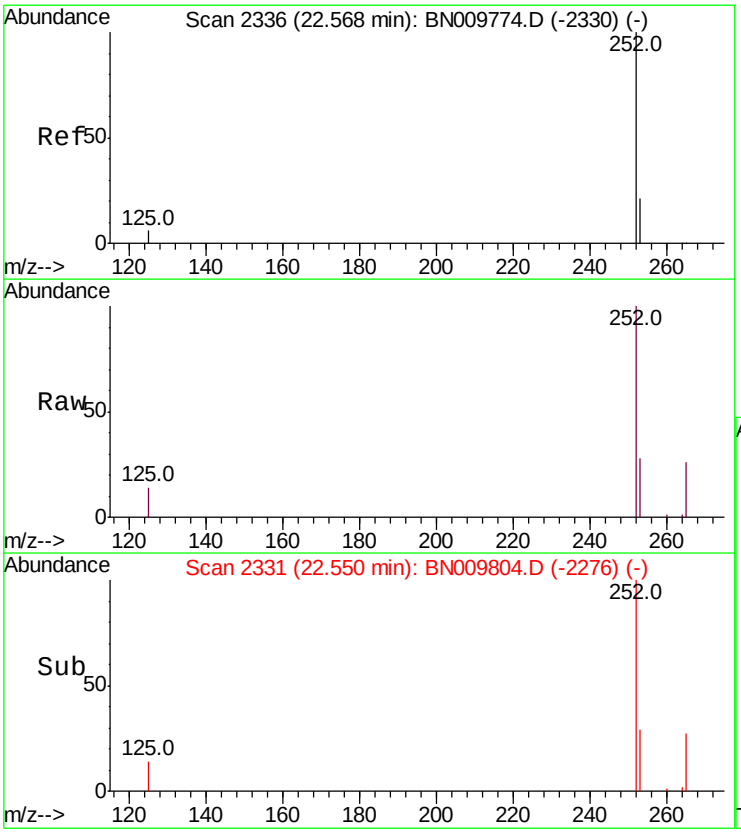
#35
Benzo(b)fluoranthene
Concen: 0.338 ng
RT: 22.51 min Scan# 2318
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6654

Ion	Ratio	Lower	Upper
252	100		
253	27.8	23.0	34.6
125	21.0	14.4	21.6

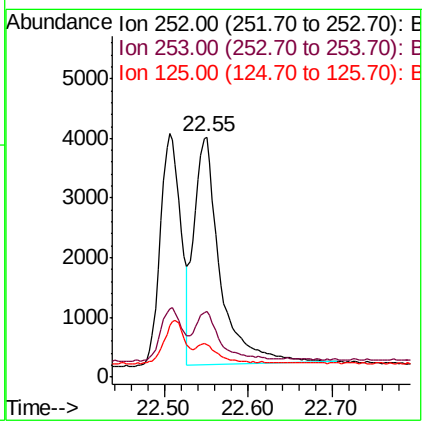


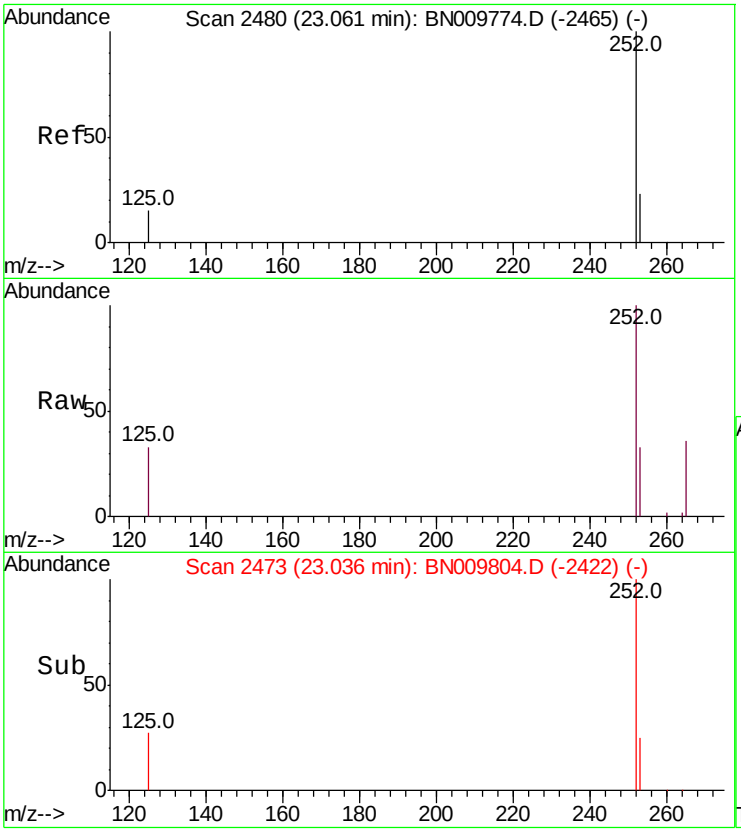


#36
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 22.55 min Scan# 2331
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:252 Resp: 8278

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.2	33.2
125	13.6	10.5	15.7



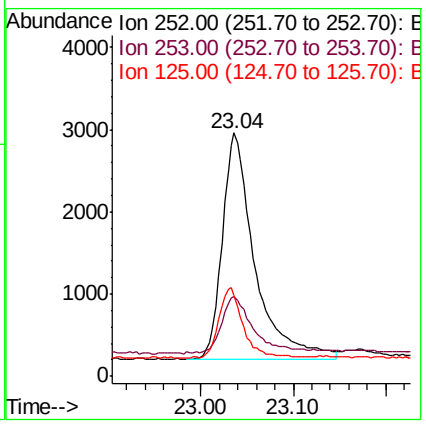


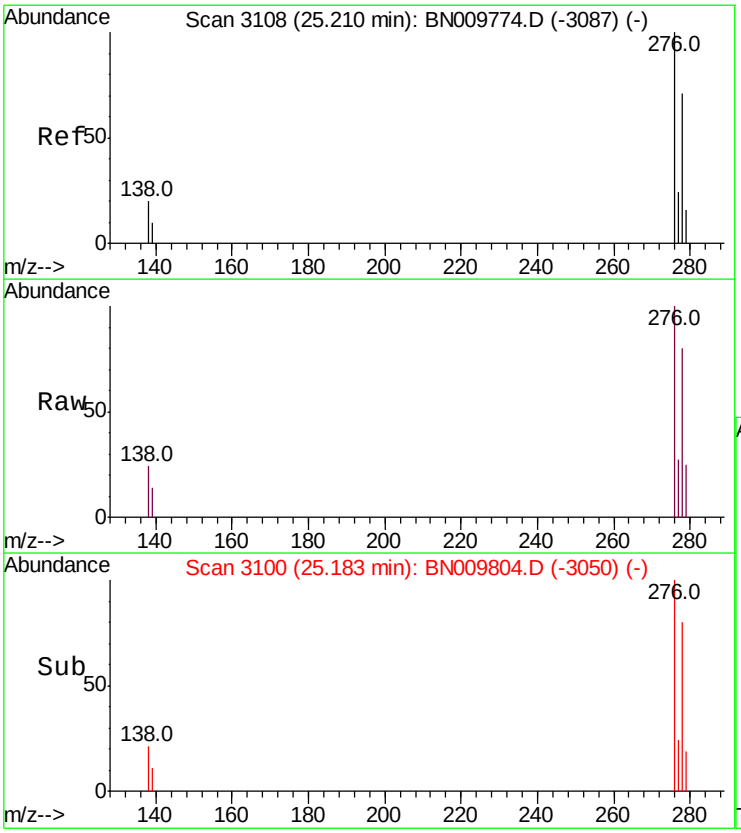
#37
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.04 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6755

Ion	Ratio	Lower	Upper
252	100		
253	32.7	25.3	37.9
125	33.1	17.7	26.5#

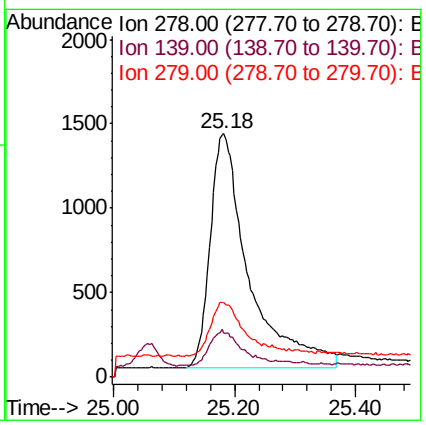


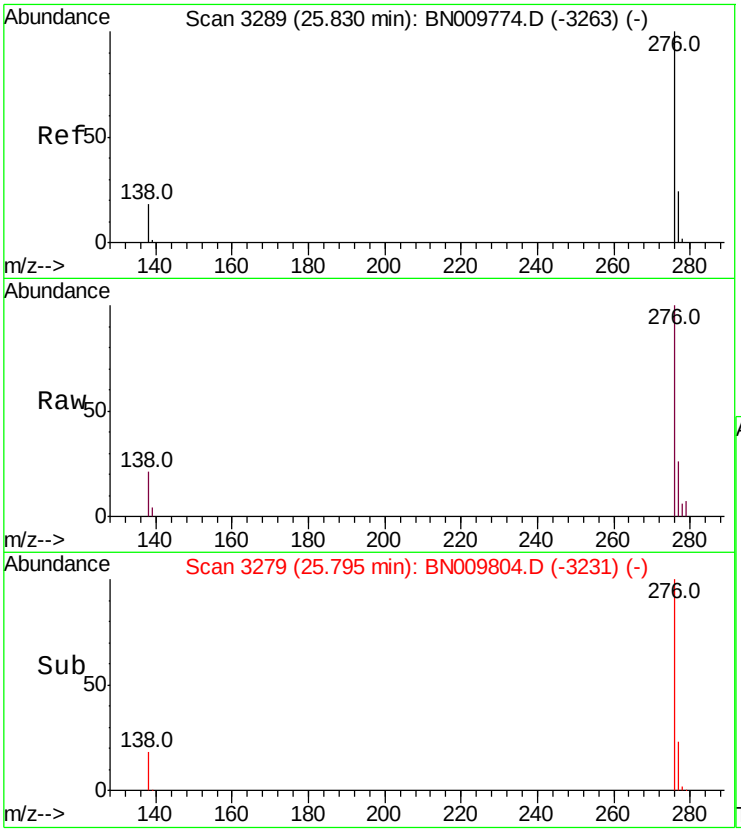


#38
Dibenzo(a,h)anthracene
Concen: 0.347 ng
RT: 25.18 min Scan# 3100
Delta R.T. -0.03 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Tgt Ion:278 Resp: 6134

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.5	21.7
279	30.8	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 25.80 min Scan# 3279
Delta R.T. -0.03 min
Lab File: BN009804.D
Acq: 21 Feb 2020 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 6992

Ion	Ratio	Lower	Upper
276	100		
277	25.9	21.4	32.0
138	21.1	16.6	24.8