Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
Data File : BN003318.D
Acq On : 26 Oct 2018 23:05
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 26 23:45:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 15:17:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	12638	0.40	ng		0.00
7) Naphthalene-d8	10.66	136	52270	0.40	ng		-0.01
13) Acenaphthene-d10	14.50	164	30583	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	74630	0.40	ng		0.00
27) Chrysene-d12	21.42	240	84450	0.40	ng		0.00
34) Perylene-d12	23.74	264	76935	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	10886	0.35	ng		0.00
5) Phenol-d6	7.01	99	13497	0.34	ng		0.00
8) Nitrobenzene-d5	9.02	82	9281	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	30932	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	3866	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	47777	0.36	ng		-0.01
25) Fluoranthene-d10	19.26	212	73216	0.34	ng		0.00
29) Terphenyl-d14	19.86	244	68449	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	5822	0.356	ng		99
3) n-Nitrosodimethylamine	3.68	42	2617	0.347	ng	#	94
6) bis(2-Chloroethyl)ether	7.29	93	13172	0.374	ng		98
9) Naphthalene	10.71	128	47583	0.372	ng		99
10) Hexachlorobutadiene	10.99	225	8867	0.380	ng	#	99
12) 2-Methylnaphthalene	12.32	142	32556	0.364	ng		99
16) Acenaphthylene	14.22	152	44248	0.325	ng		100
17) Acenaphthene	14.56	154	33593	0.356	ng		99
18) Fluorene	15.55	166	42104	0.356	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	15175	0.351	ng	#	81
21) Hexachlorobenzene	16.54	284	17008	0.373	ng		100
22) Pentachlorophenol	16.88	266	4499	0.364	ng		98
23) Phenanthrene	17.28	178	73098	0.357	ng		100
24) Anthracene	17.38	178	56599	0.322	ng		100
26) Fluoranthene	19.29	202	80459	0.342	ng		100
28) Pyrene	19.66	202	81226	0.348	ng		100
30) Benzo(a)anthracene	21.41	228	70912	0.320	ng		100
31) Chrysene	21.46	228	86835	0.364	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	18506	0.283	ng		100
33) Indeno(1,2,3-cd)pyrene	26.10	276	88042	0.356	ng		98
35) Benzo(b)fluoranthene	23.03	252	86747	0.366	ng		96
36) Benzo(k)fluoranthene	23.08	252	86052	0.362	ng		99
37) Benzo(a)pyrene	23.64	252	77805	0.356	ng	#	93
38) Dibenzo(a,h)anthracene	26.12	278	71797	0.353	ng		99
39) Benzo(g,h,i)perylene	26.83	276	72363	0.355	ng		99

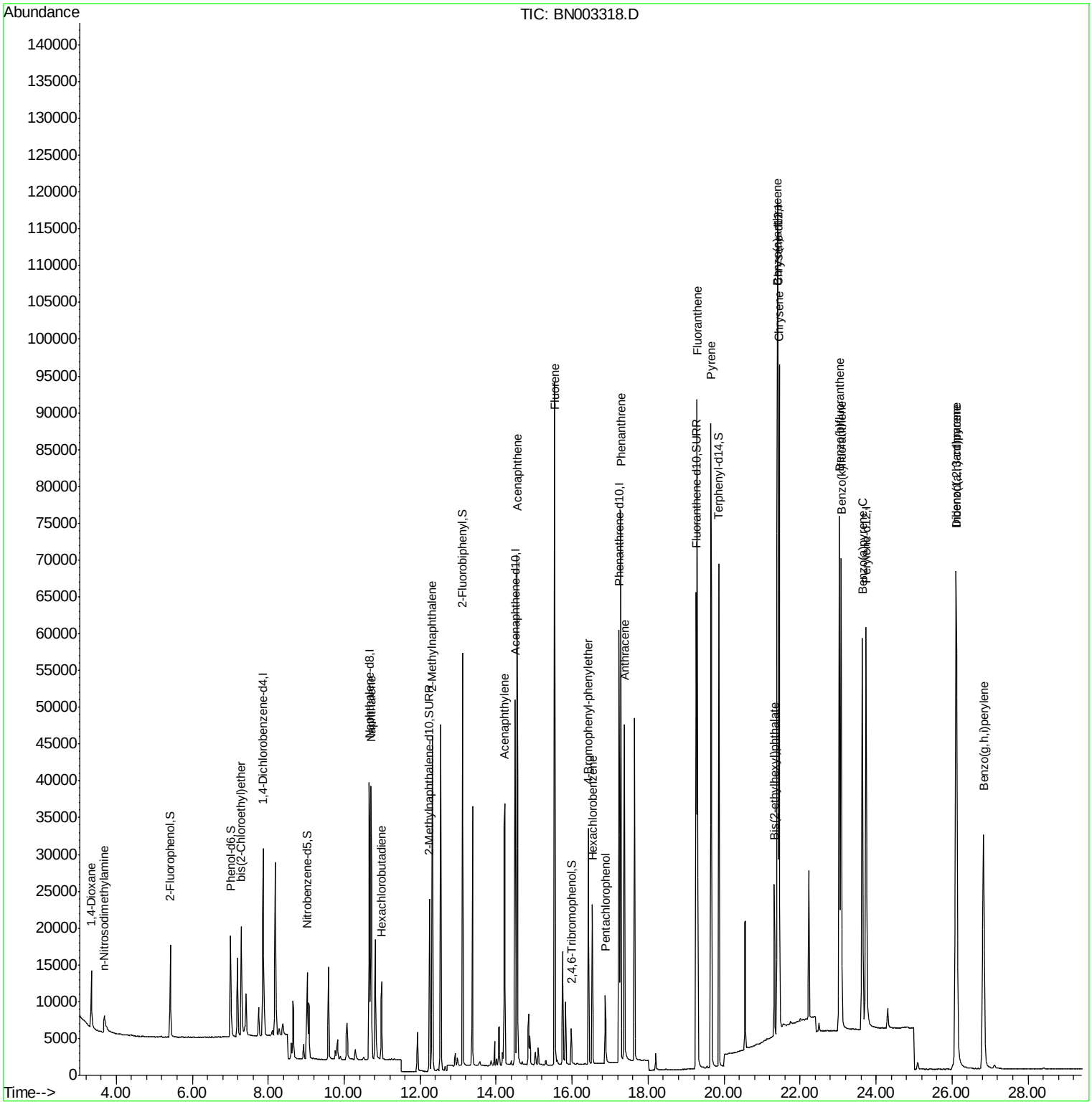
(#) = qualifier out of range (m) = manual integration (+) = signals summed

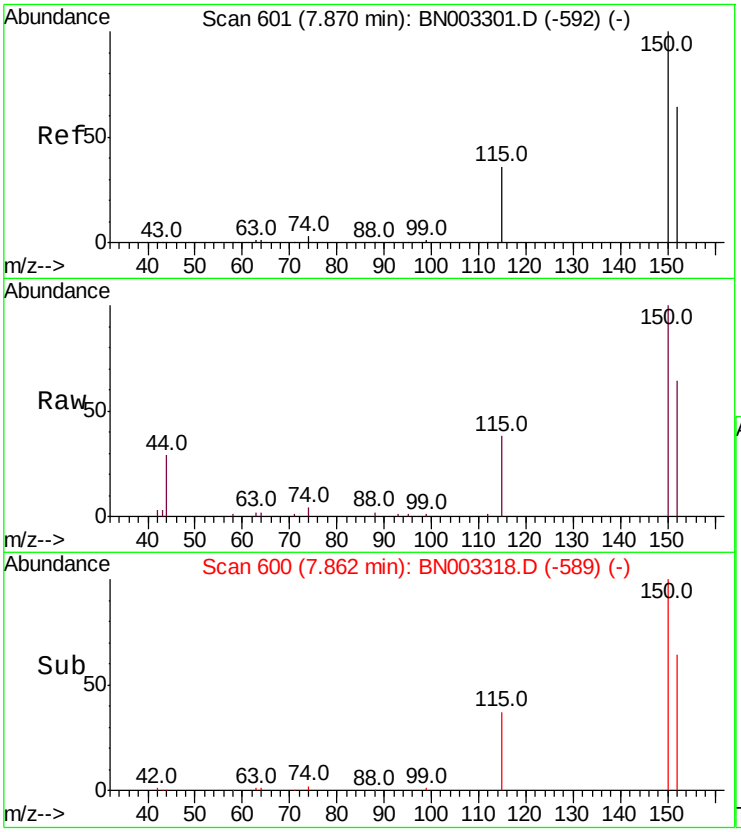
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
Data File : BN003318.D
Acq On : 26 Oct 2018 23:05
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 26 23:45:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 15:17:57 2018
Response via : Initial Calibration



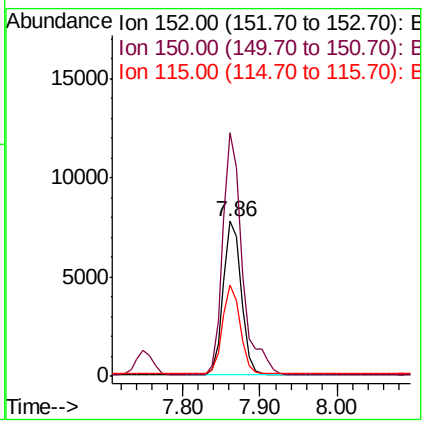


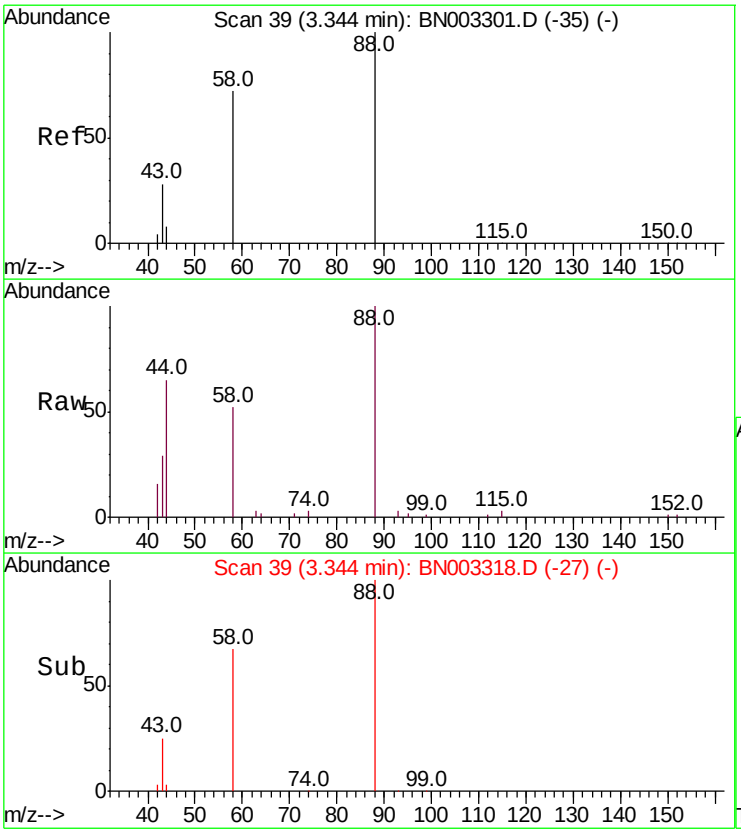
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 12638

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	187.0
115	59.3	46.4	69.6

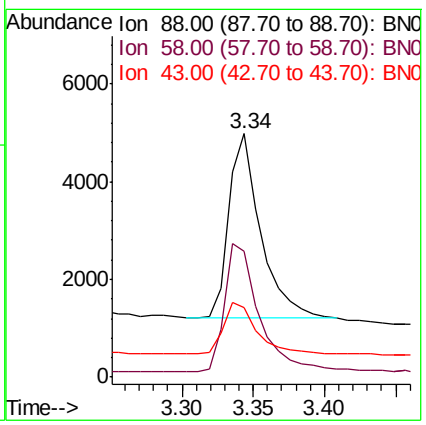


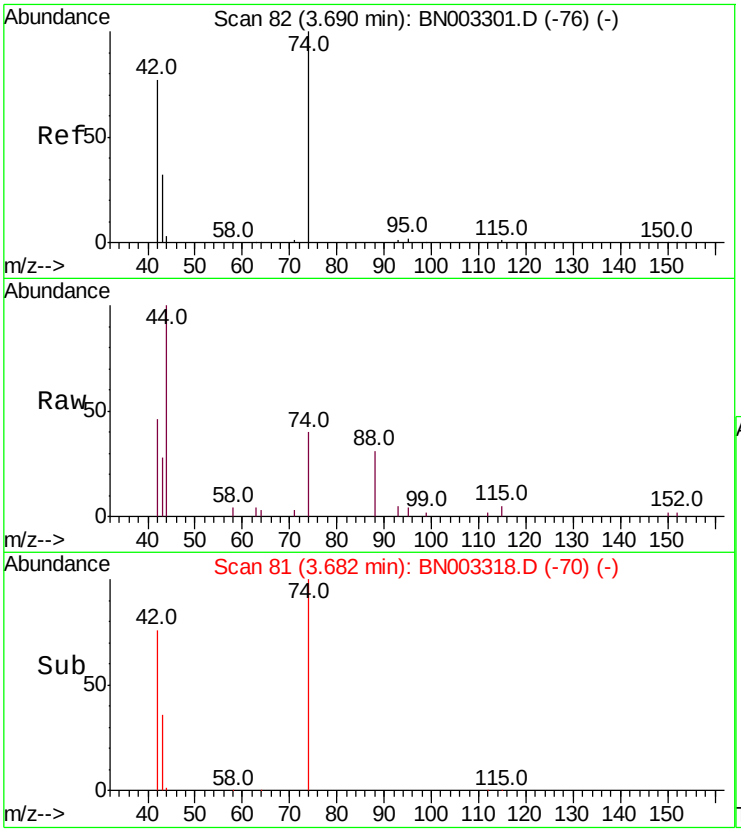


#2
1,4-Dioxane
Concen: 0.356 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion: 88 Resp: 5822

Ion	Ratio	Lower	Upper
88	100		
58	76.4	60.9	91.3
43	29.2	23.9	35.9



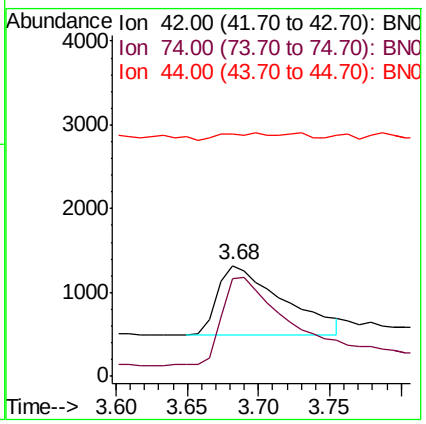


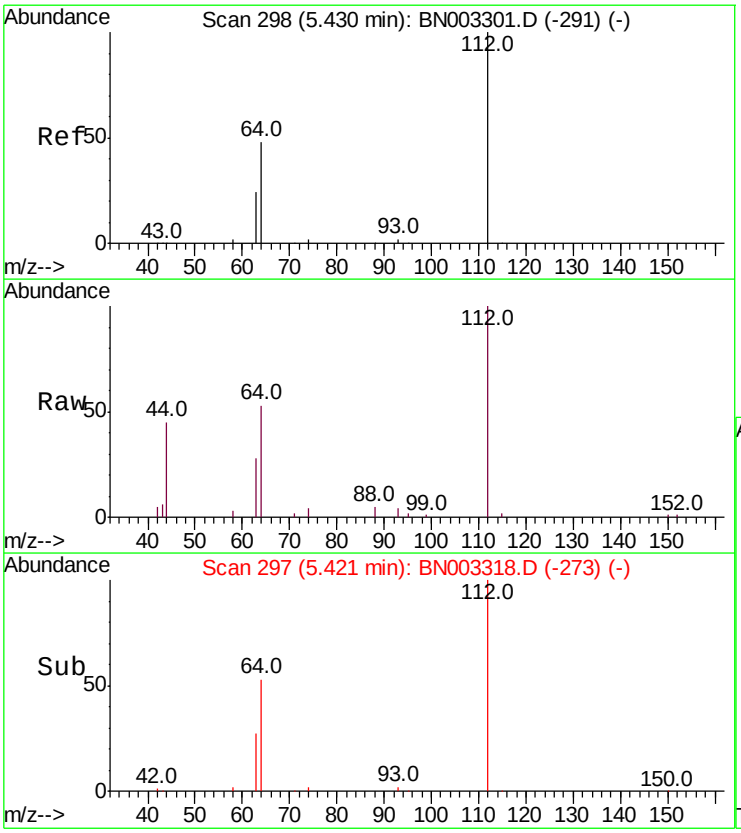
#3
n-Nitrosodimethylamine
Concen: 0.347 ng
RT: 3.68 min Scan# 81
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2617

Ion	Ratio	Lower	Upper
42	100		
74	130.6	99.1	148.7
44	7.4	4.2	6.4#

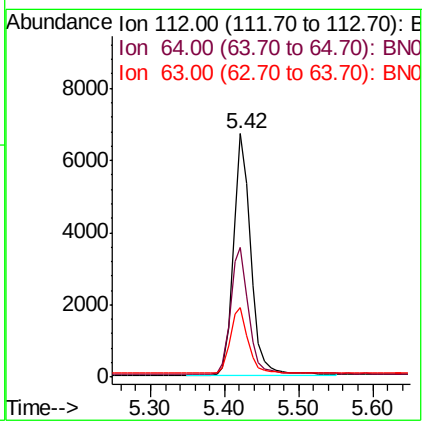


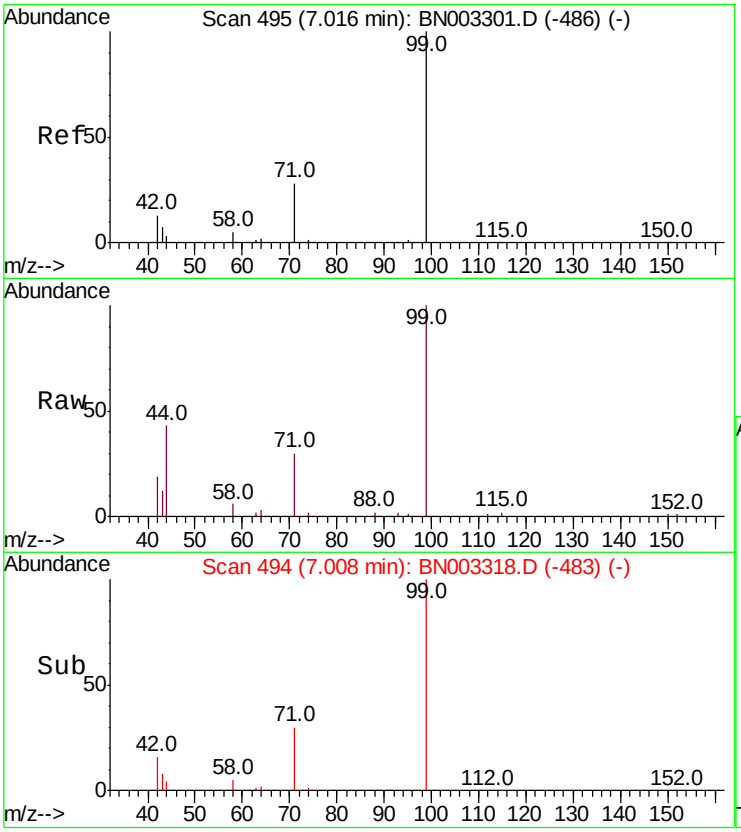


#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.42 min Scan# 297
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:112 Resp: 10886

Ion	Ratio	Lower	Upper
112	100		
64	53.9	44.3	66.5
63	28.4	22.4	33.6



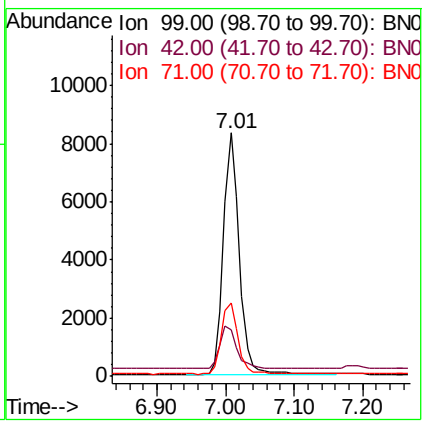


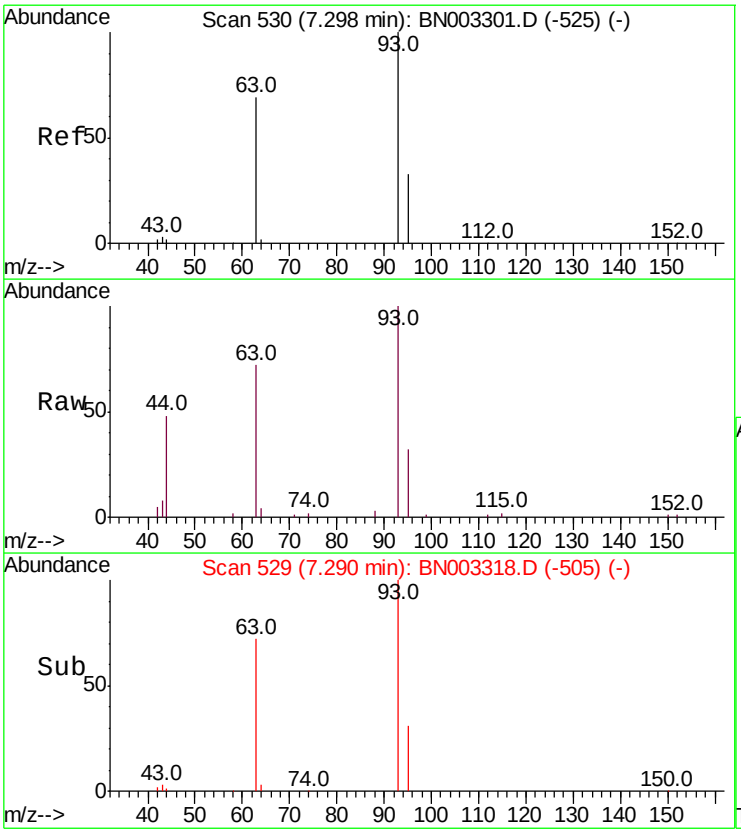
#5
Phenol-d6
Concen: 0.342 ng
RT: 7.01 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 13497

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.8	22.2
71	30.8	24.8	37.2

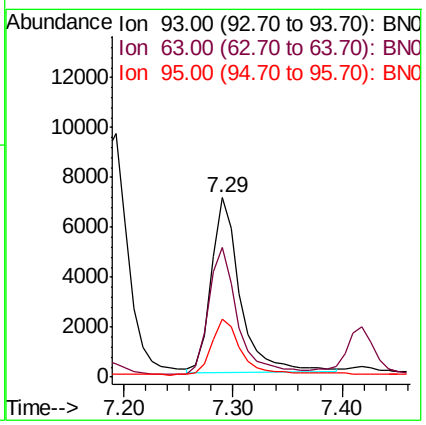


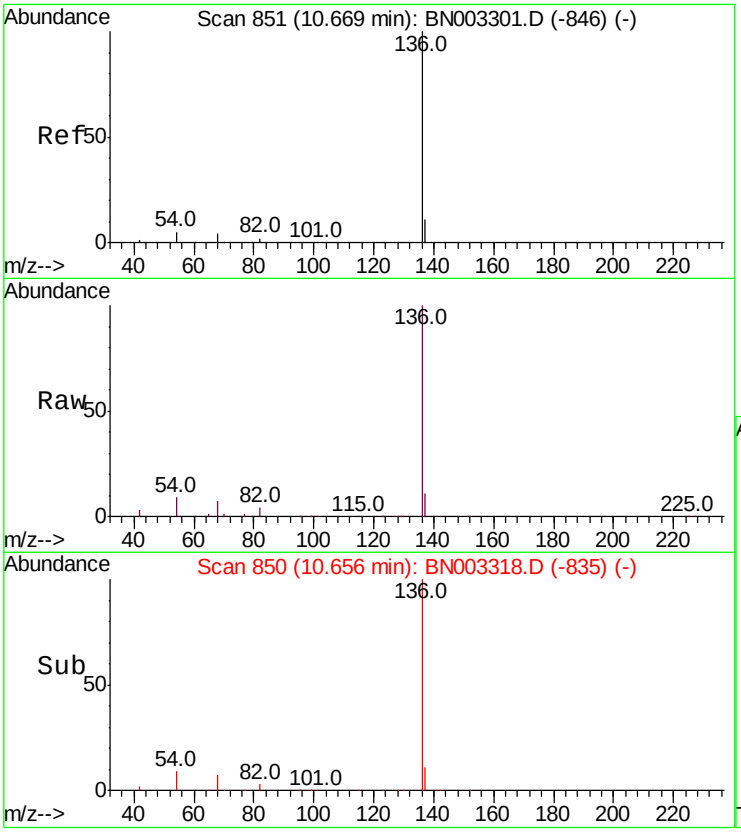


#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 7.29 min Scan# 529
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion: 93 Resp: 13172

Ion	Ratio	Lower	Upper
93	100		
63	71.5	55.8	83.6
95	32.1	25.4	38.2



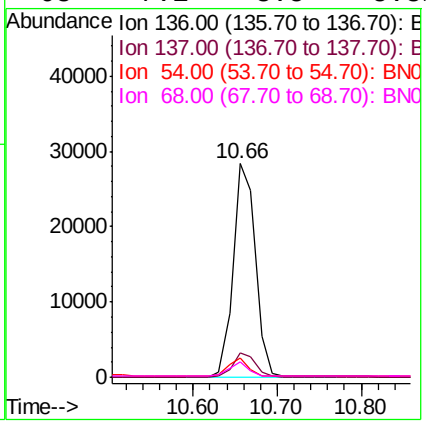


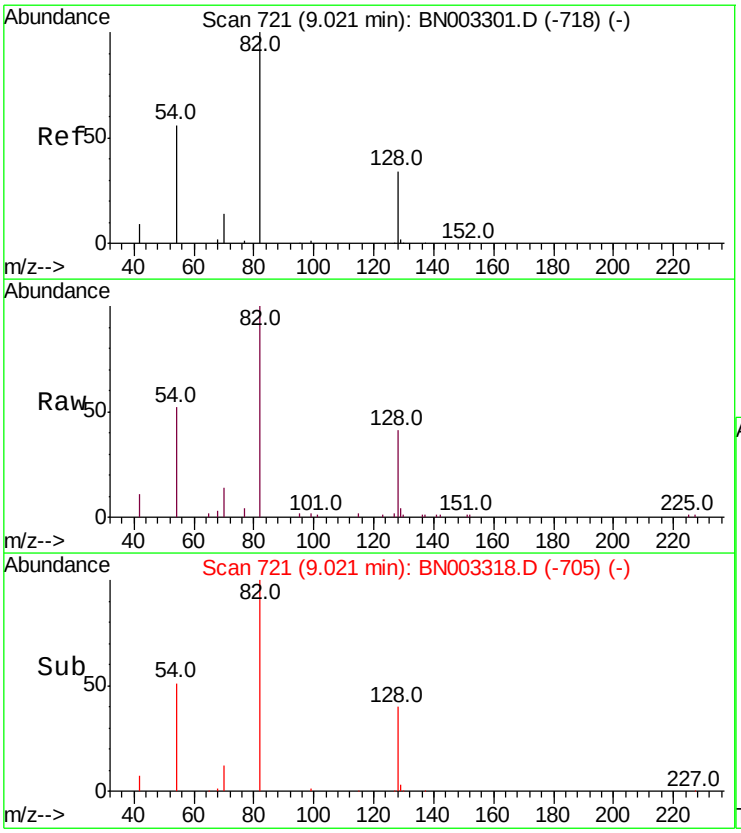
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 52270

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.0	4.1	6.1#
68	7.1	3.5	5.3#

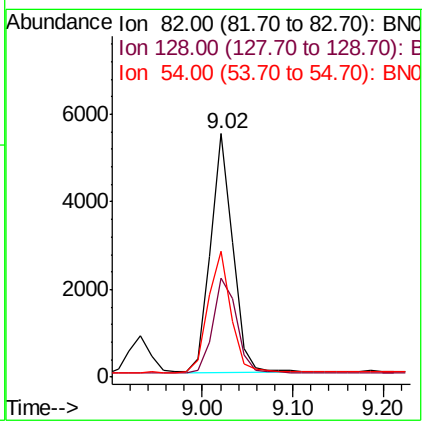


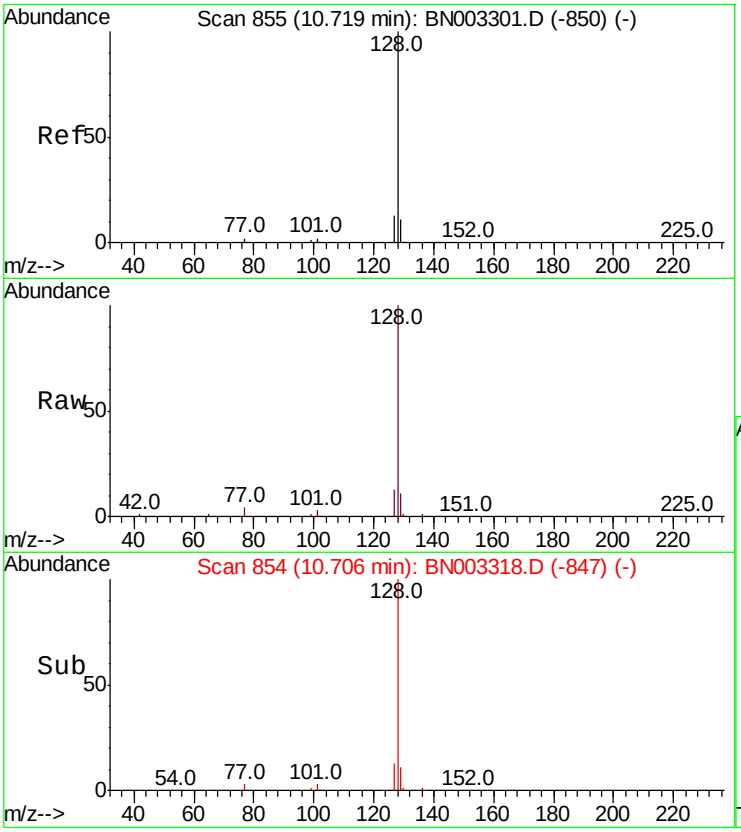


#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 9.02 min Scan# 721
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion: 82 Resp: 9281

Ion	Ratio	Lower	Upper
82	100		
128	40.9	28.9	43.3
54	51.9	46.1	69.1



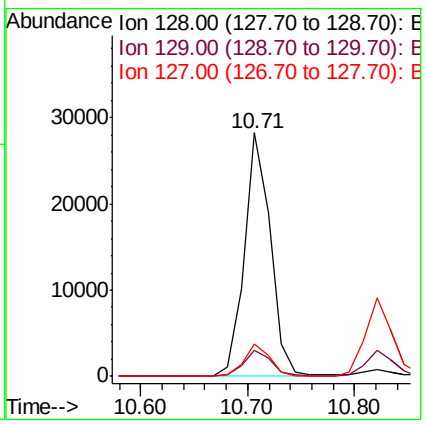


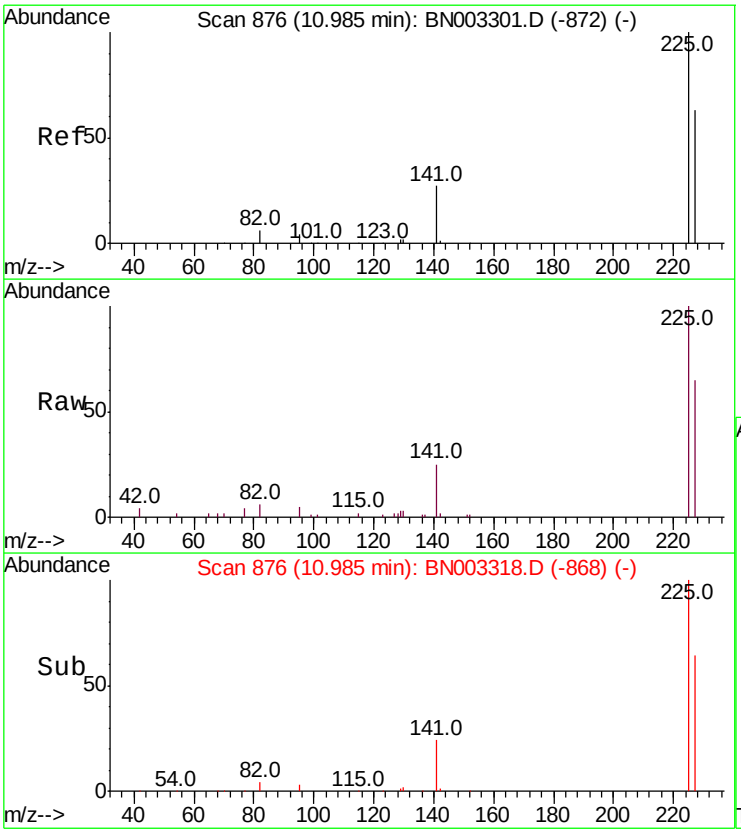
#9
Naphthalene
Concen: 0.372 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 47583

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.1	10.2	15.4

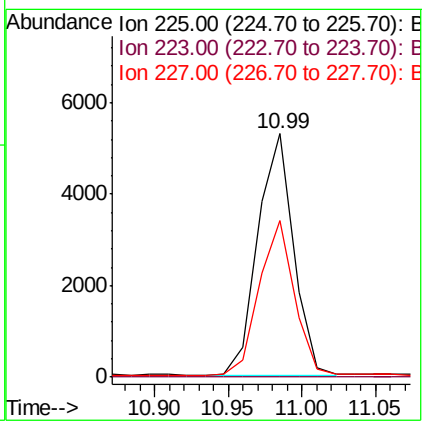


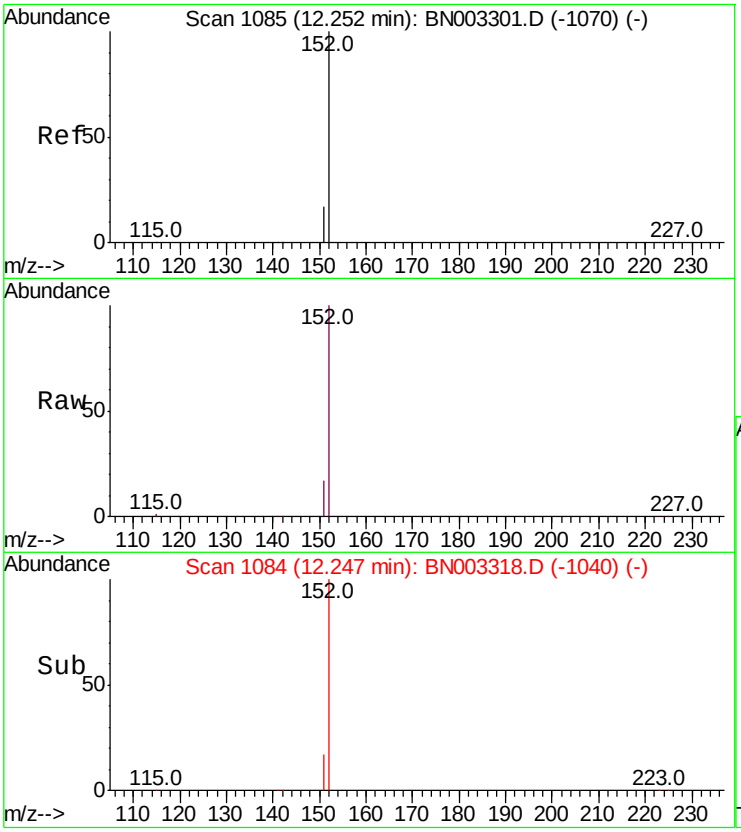


#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 10.99 min Scan# 876
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:225 Resp: 8867

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.3	76.9



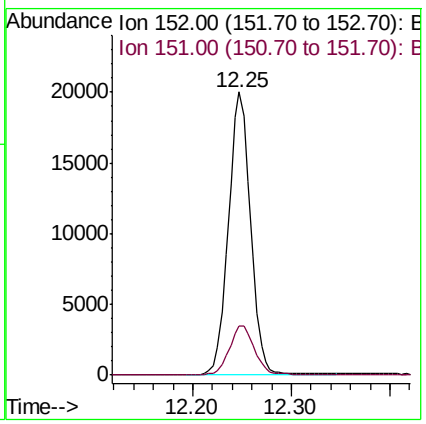


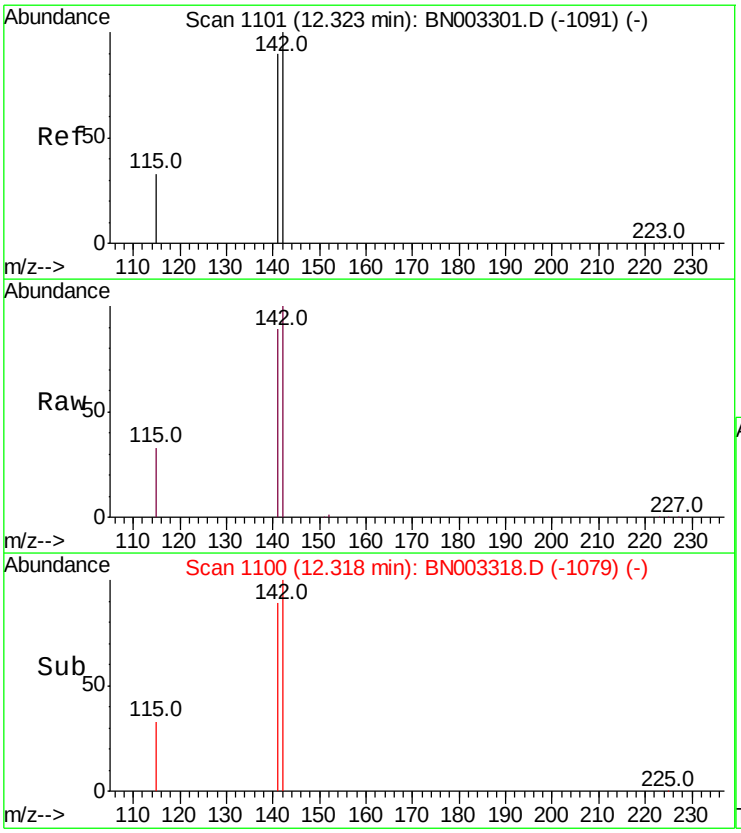
#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.25 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 30932

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

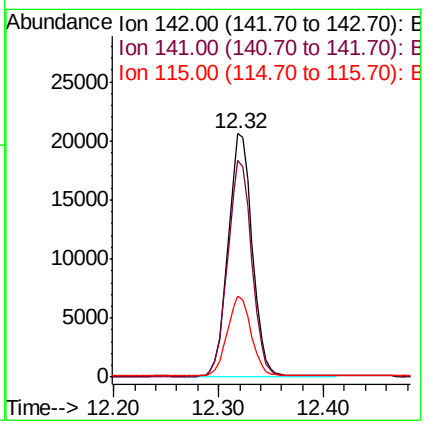


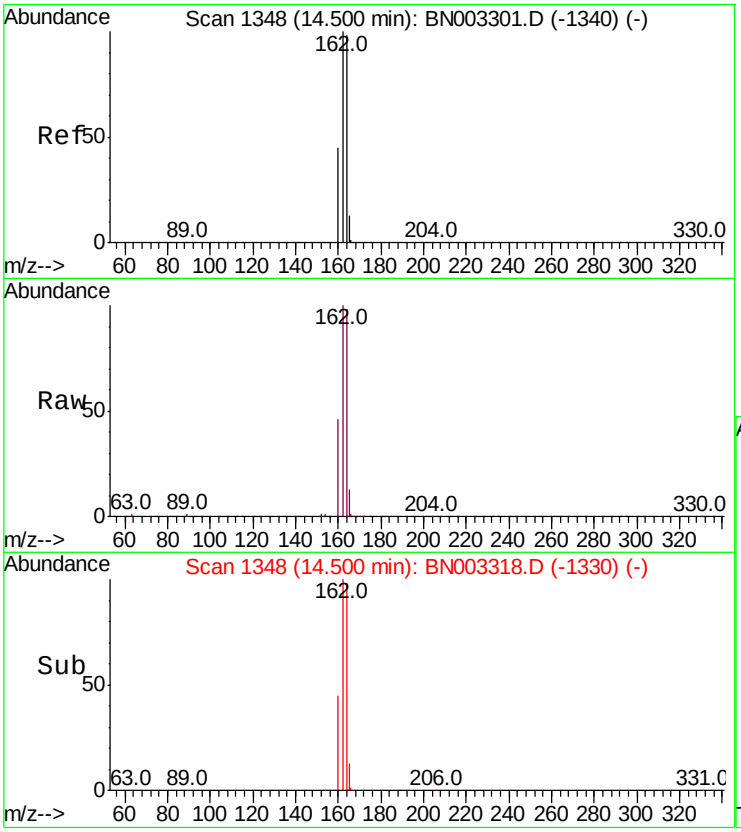


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.32 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:142 Resp: 32556

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	33.1	27.0	40.6



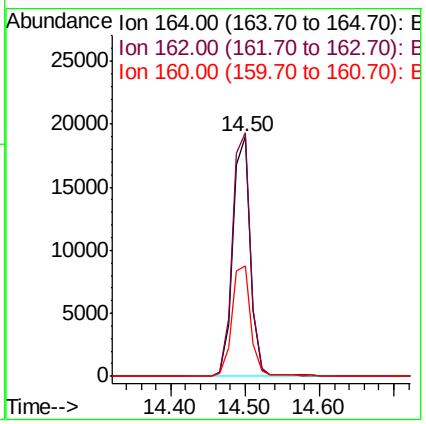


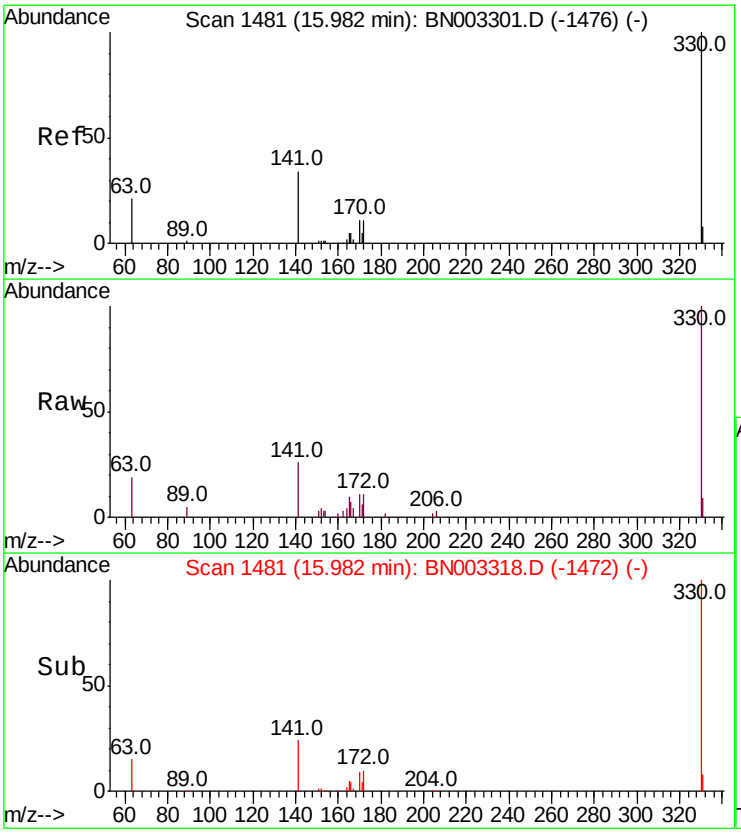
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 30583

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.6
160	46.3	37.2	55.8

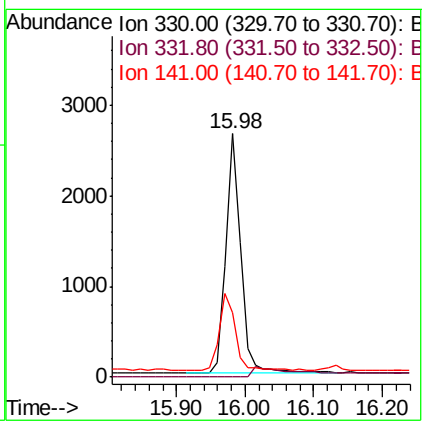


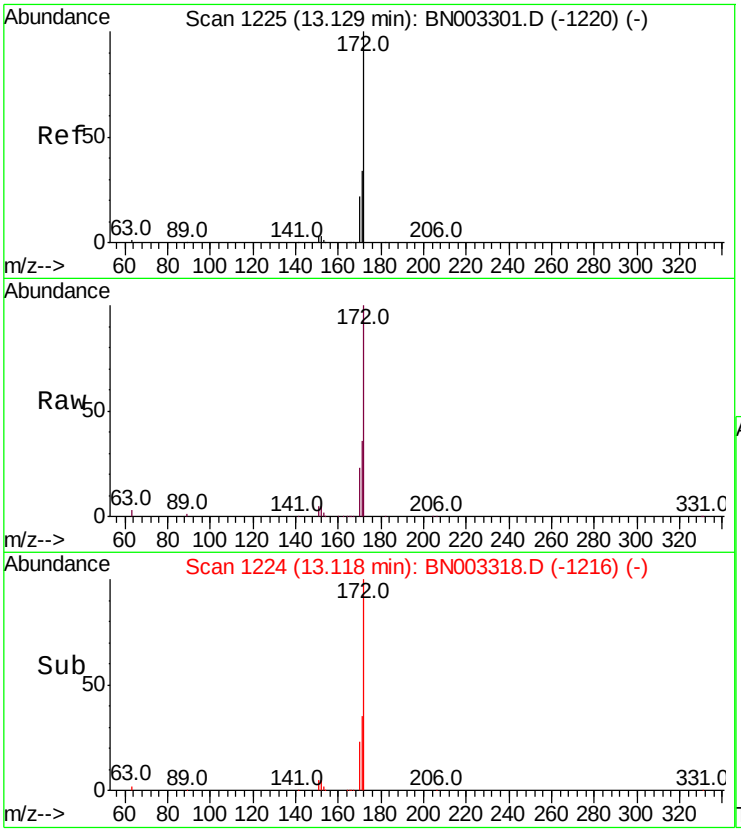


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:330 Resp: 3866

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.6	28.3	42.5



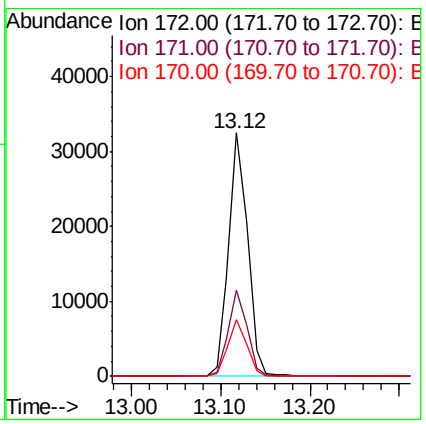


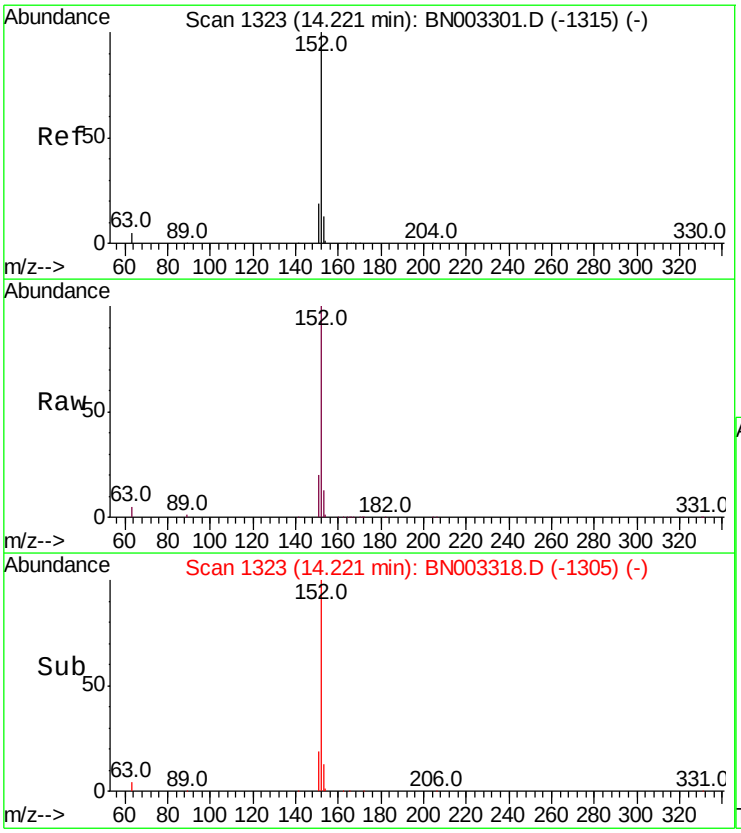
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 47777

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.1	40.7
170	23.4	17.4	26.0

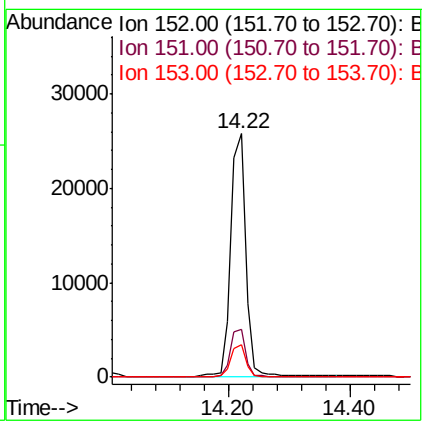


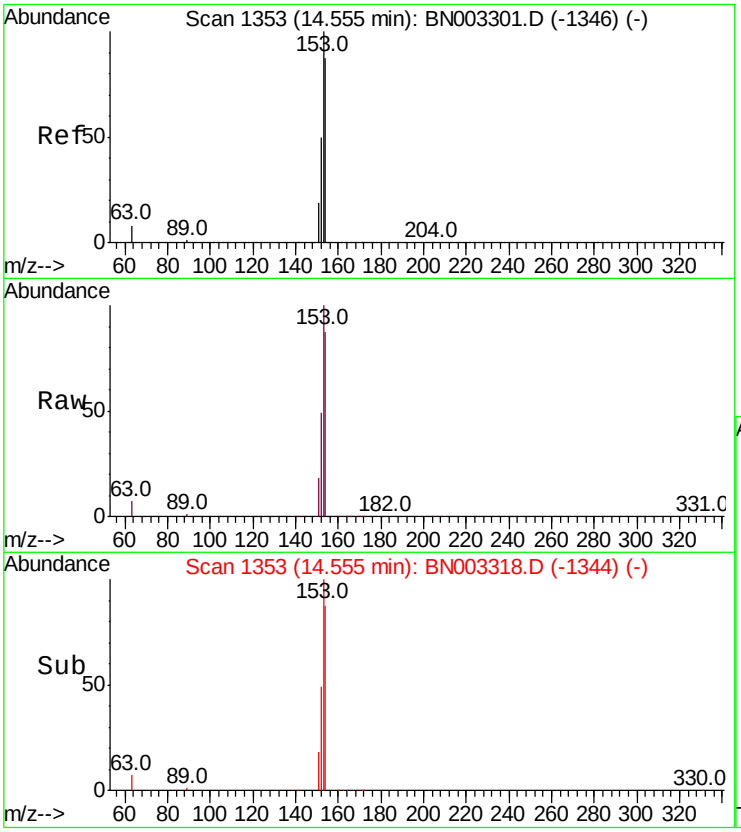


#16
Acenaphthylene
Concen: 0.325 ng
RT: 14.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:152 Resp: 44248

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.6	15.8



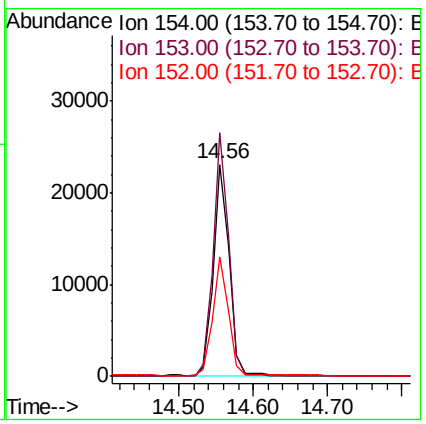


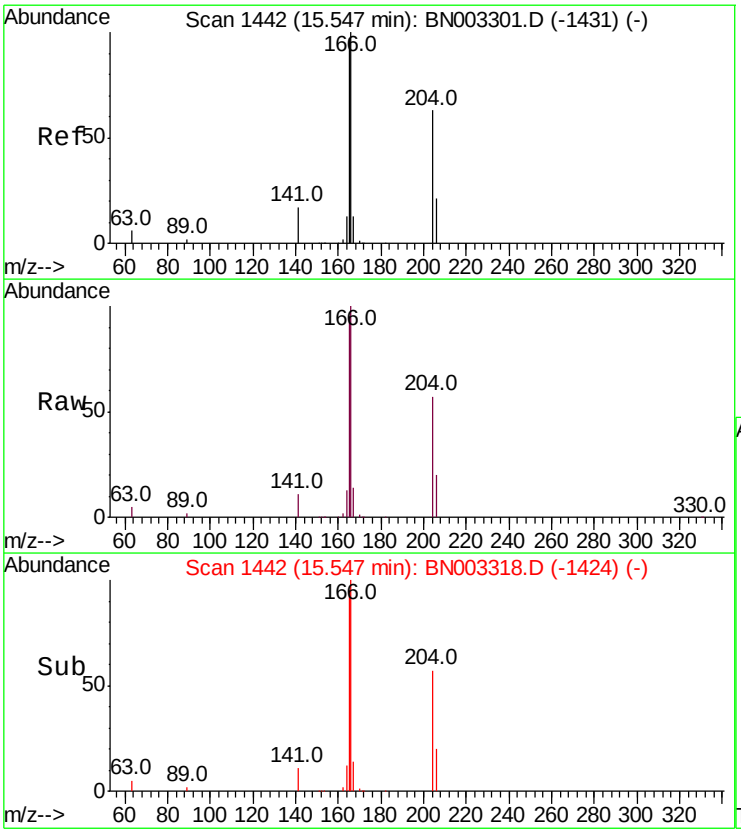
#17
Acenaphthene
Concen: 0.356 ng
RT: 14.56 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 33593

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.9	133.3
152	55.5	43.5	65.3

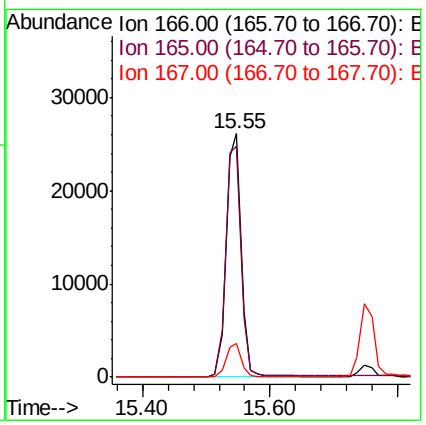


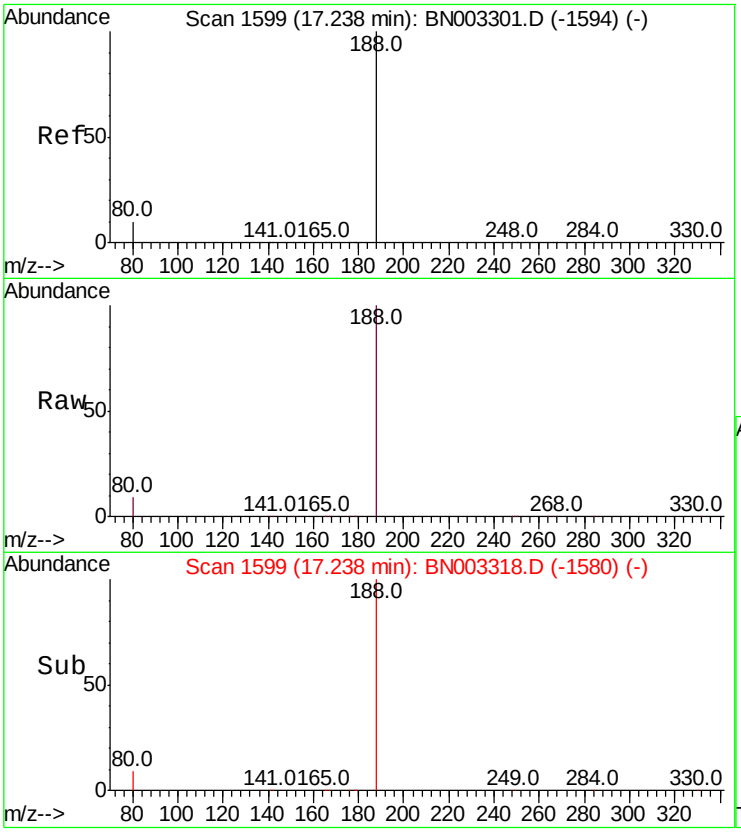


#18
Fluorene
Concen: 0.356 ng
RT: 15.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:166 Resp: 42104

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.8
167	13.4	10.9	16.3



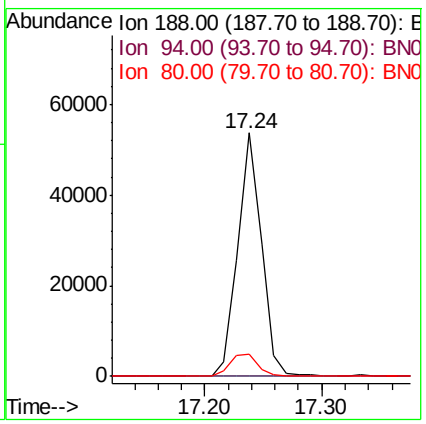


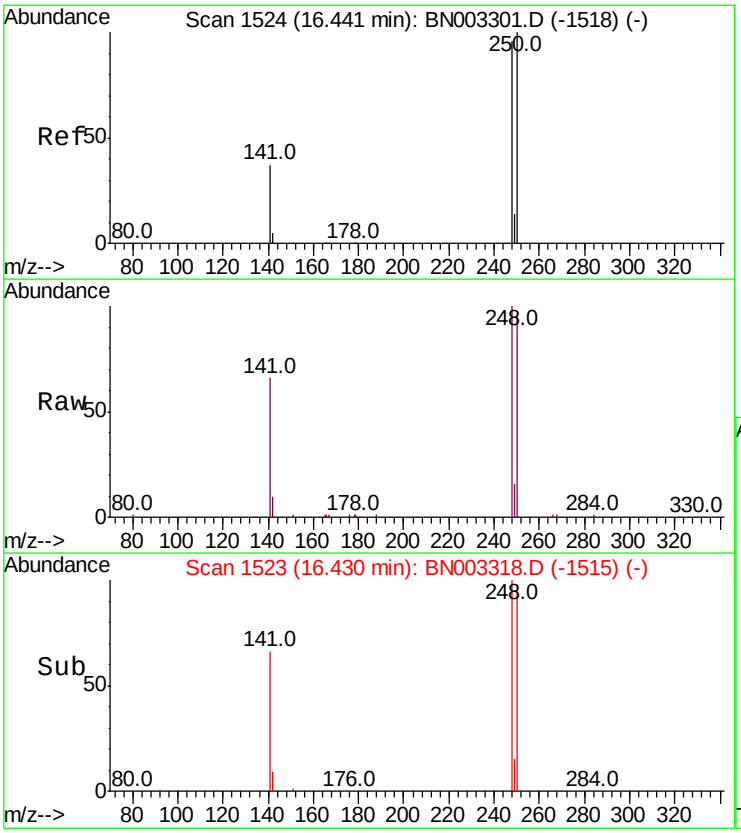
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 74630

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	8.6	12.8

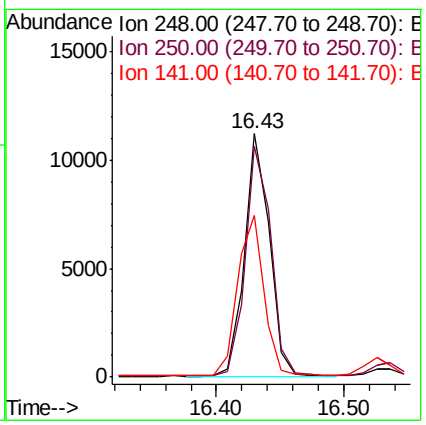


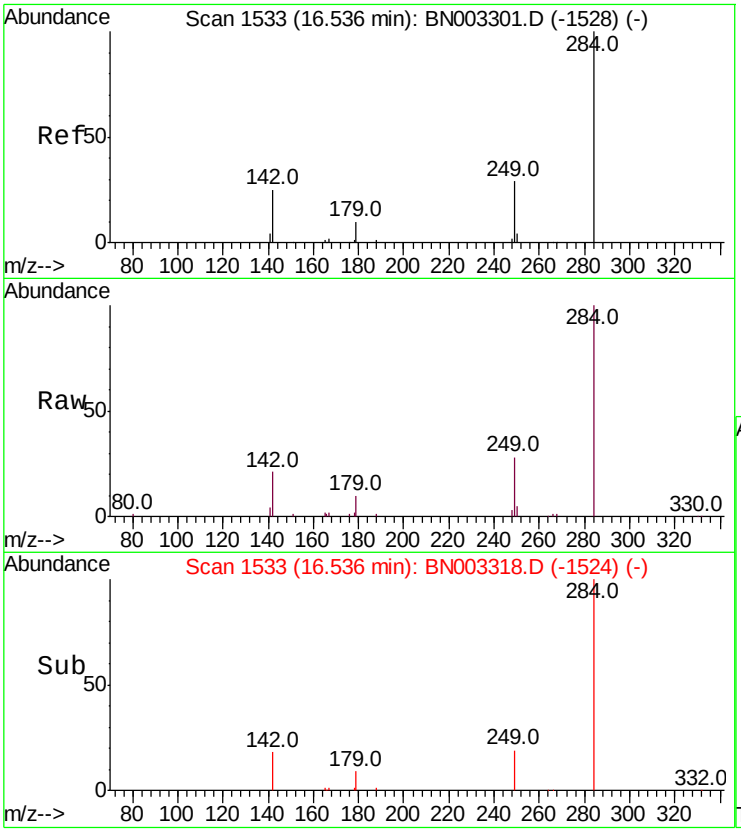


#20
4-Bromophenyl-phenylether
Concen: 0.351 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:248 Resp: 15175

Ion	Ratio	Lower	Upper
248	100		
250	95.0	83.7	125.5
141	66.3	31.4	47.0#



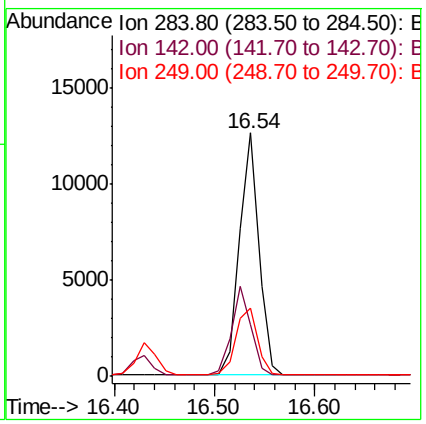


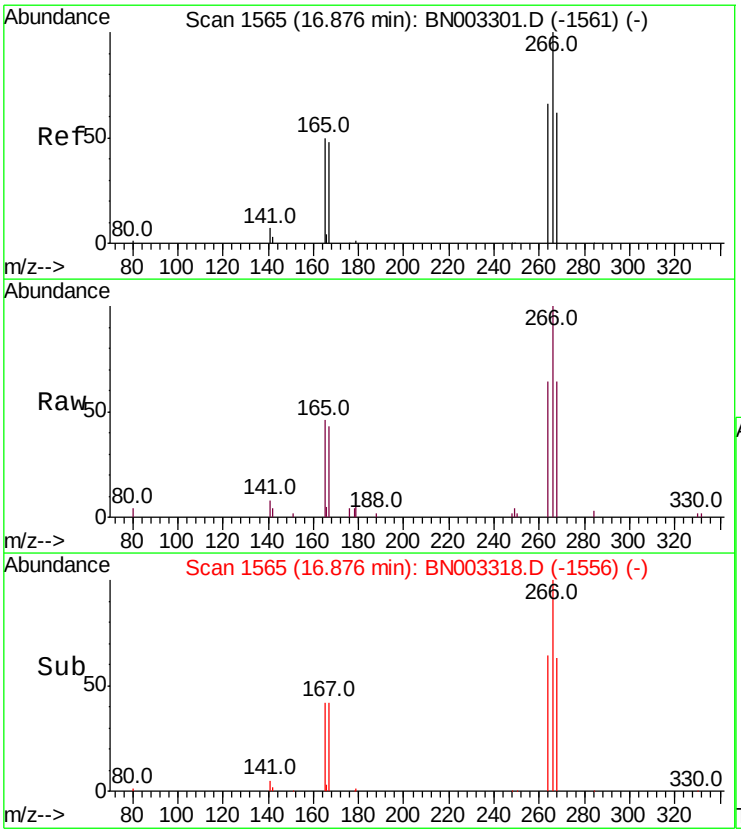
#21
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.54 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 17008

Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.7	44.5
249	30.0	24.0	36.0

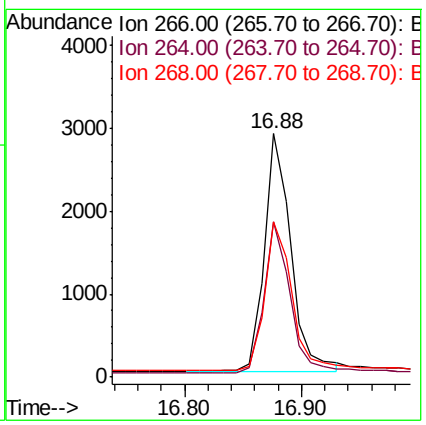


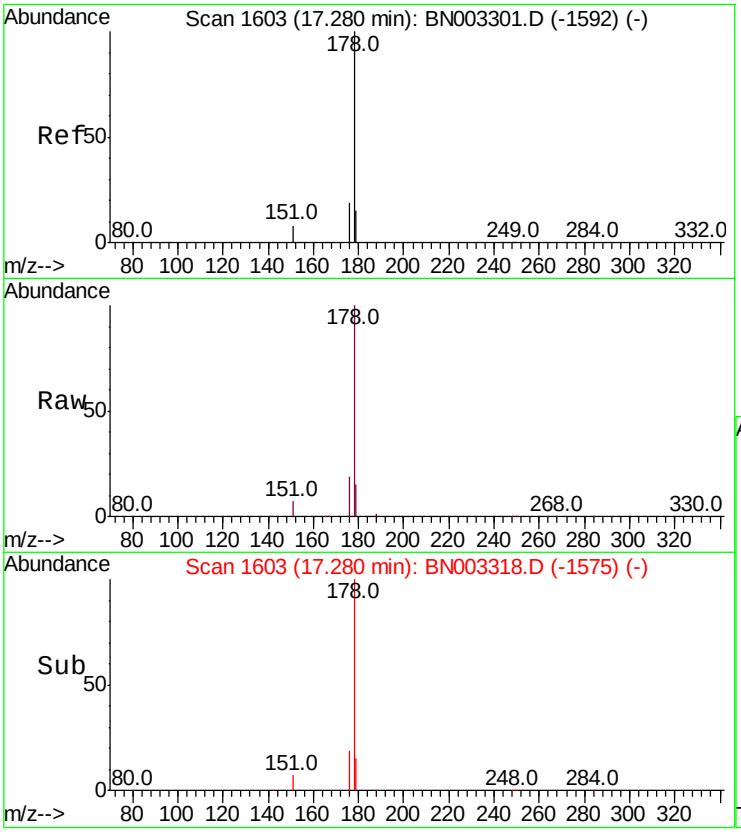


#22
Pentachlorophenol
Concen: 0.364 ng
RT: 16.88 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:266 Resp: 4499

Ion	Ratio	Lower	Upper
266	100		
264	63.7	52.1	78.1
268	63.7	51.8	77.6



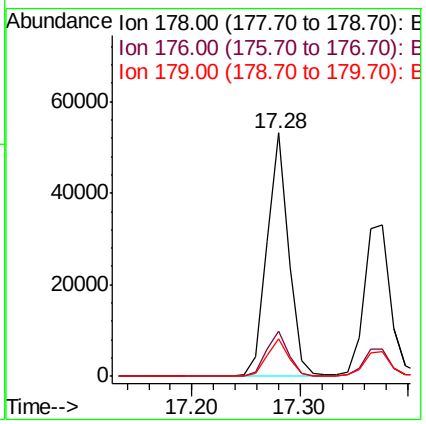


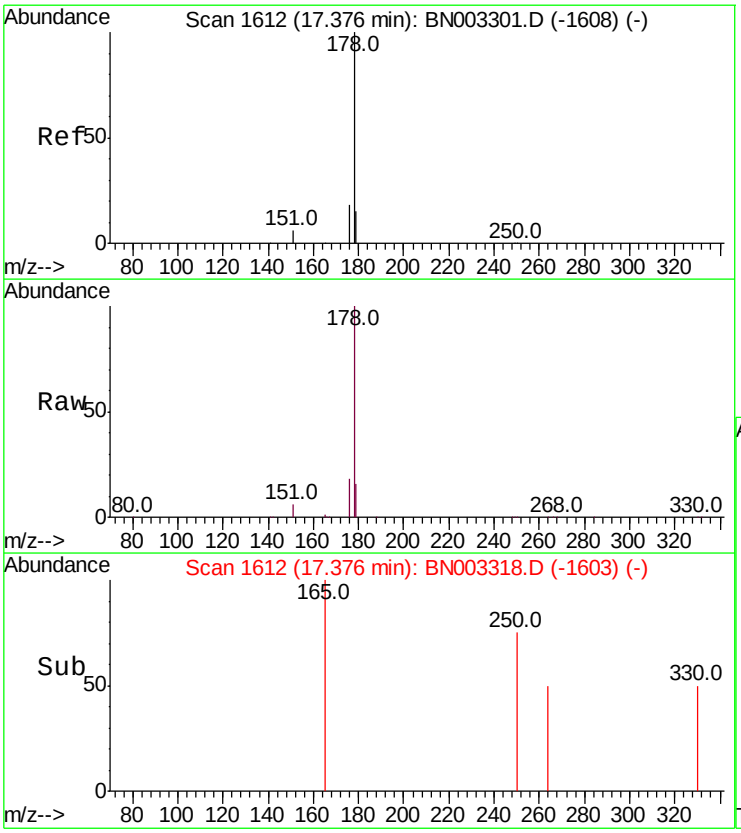
#23
Phenanthrene
Concen: 0.357 ng
RT: 17.28 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 73098

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.4	12.4	18.6

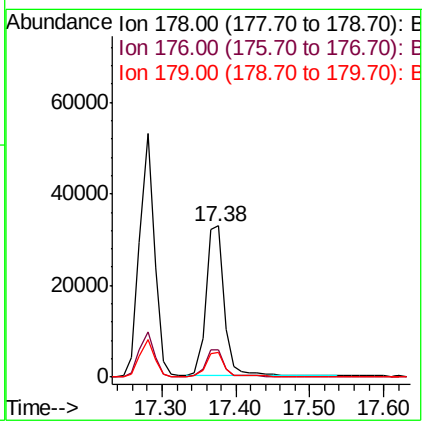


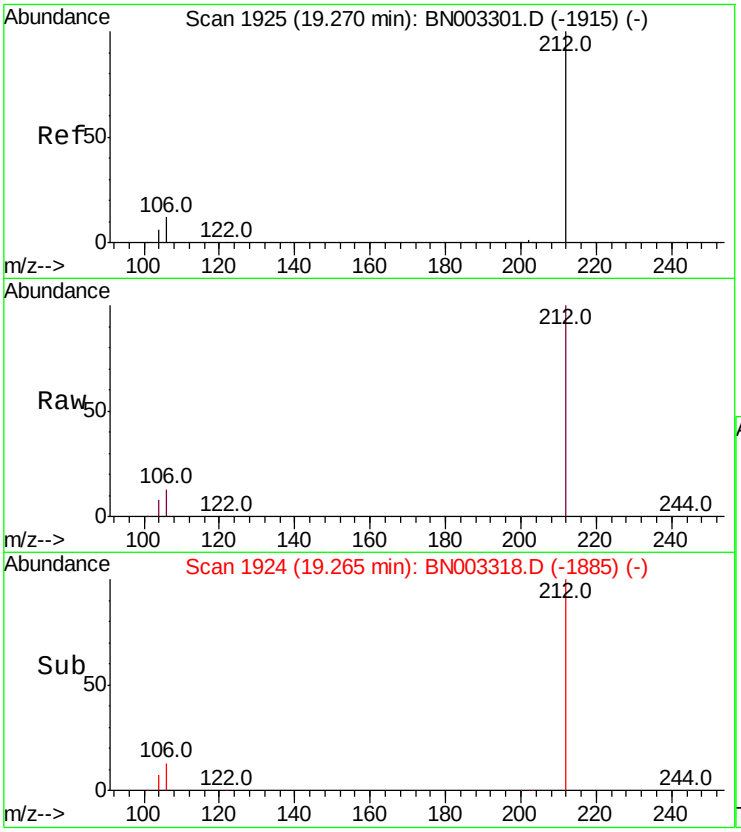


#24
Anthracene
Concen: 0.322 ng
RT: 17.38 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:178 Resp: 56599

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.4	12.2	18.4



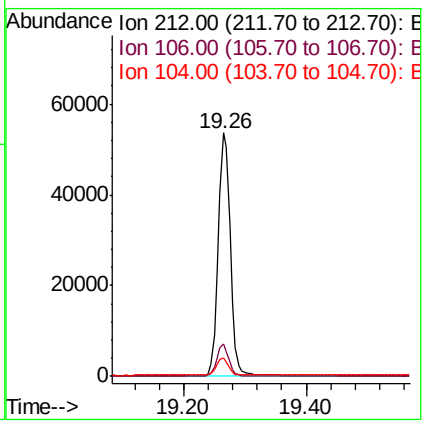


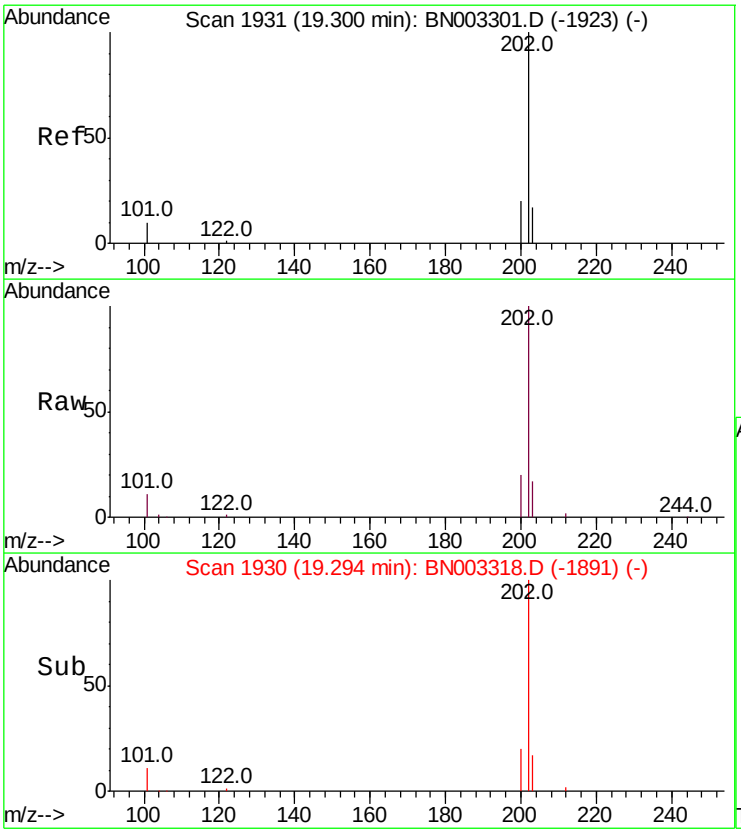
#25
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 73216

Ion	Ratio	Lower	Upper
212	100		
106	12.7	10.3	15.5
104	7.1	5.6	8.4

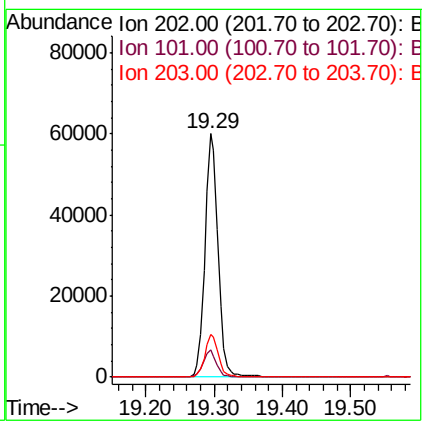


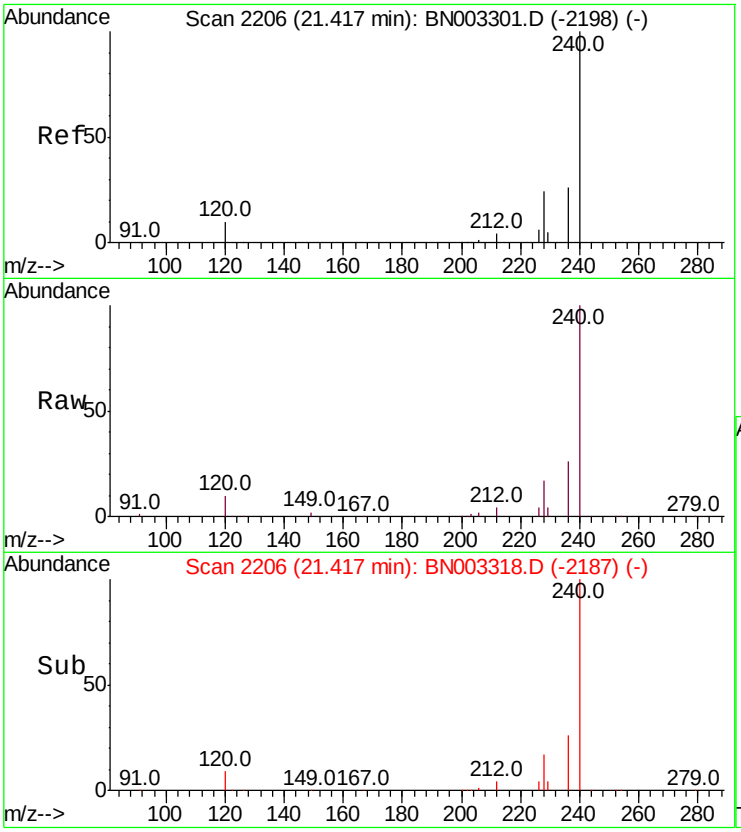


#26
Fluoranthene
Concen: 0.342 ng
RT: 19.29 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:202 Resp: 80459

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.2	13.8	20.6



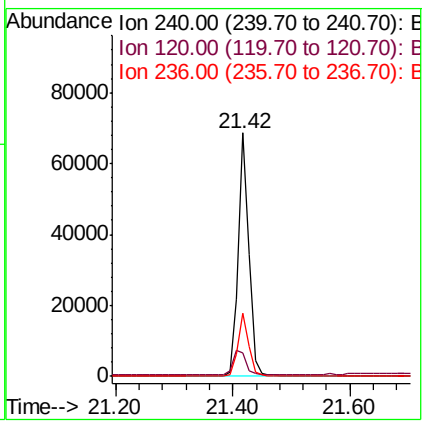


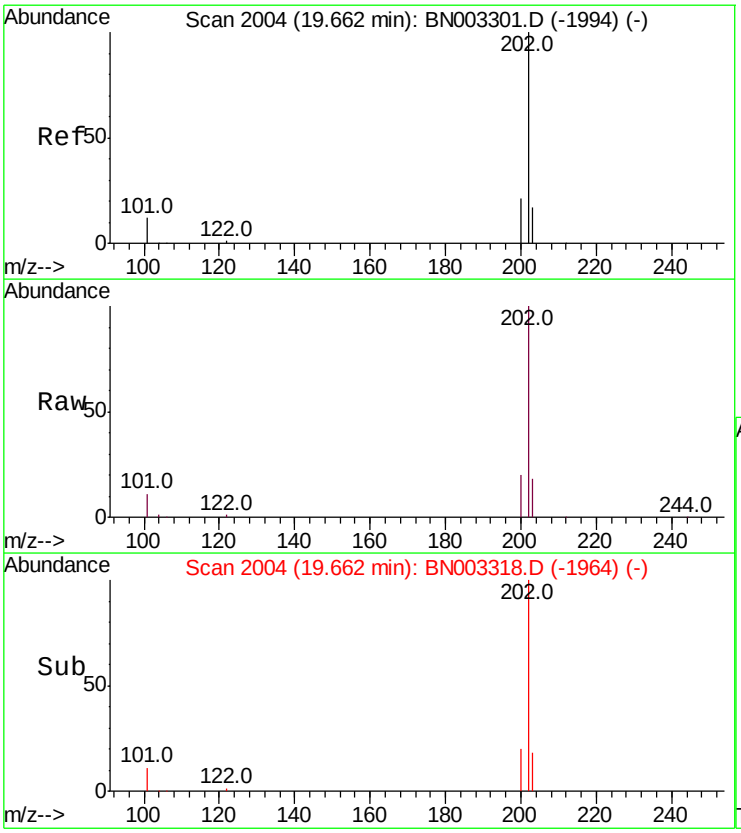
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 84450

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.3	13.9
236	26.2	21.0	31.4

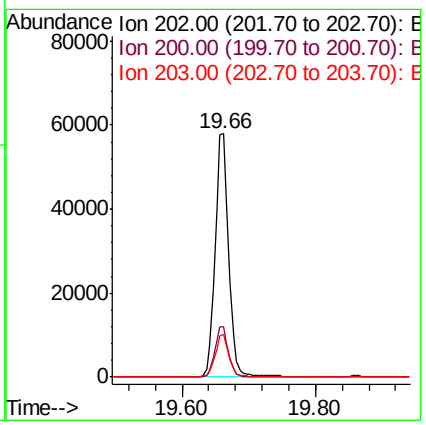


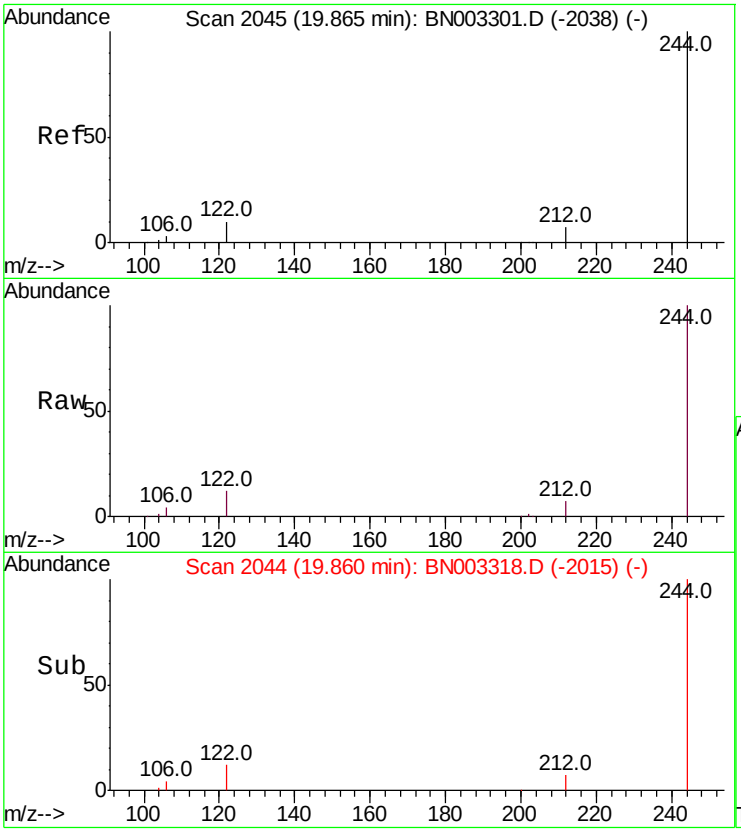


#28
Pyrene
Concen: 0.348 ng
RT: 19.66 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:202 Resp: 81226

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.4	13.9	20.9



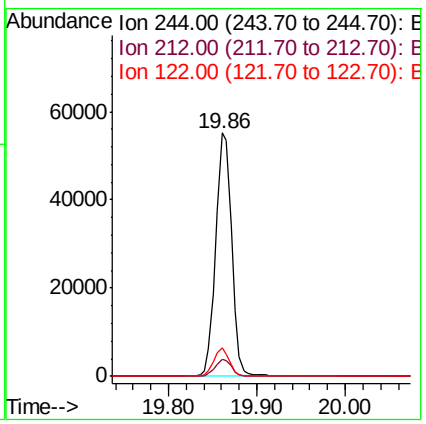


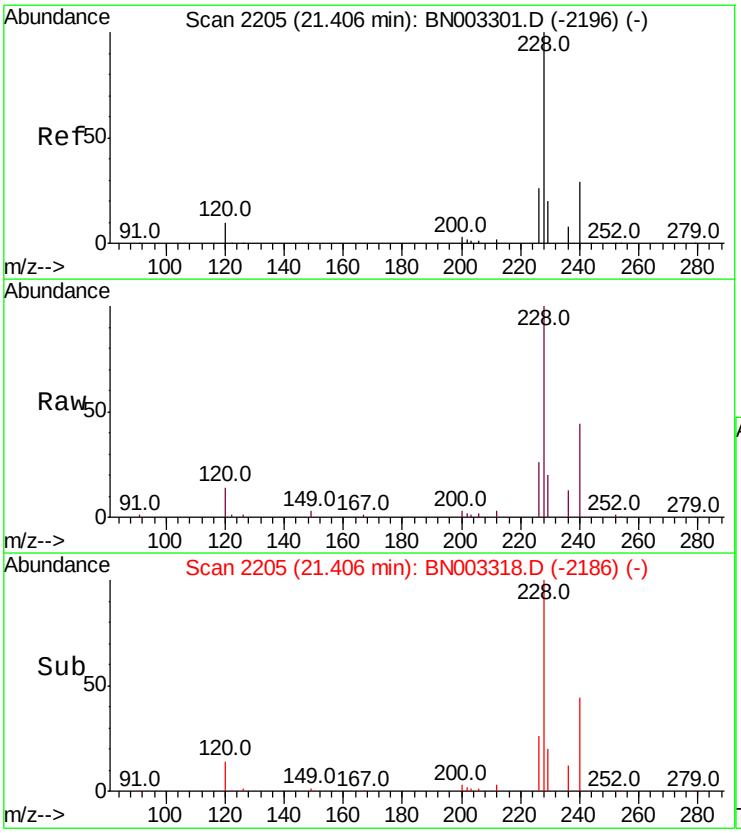
#29
Terphenyl-d14
Concen: 0.348 ng
RT: 19.86 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 68449

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.7	8.5	12.7

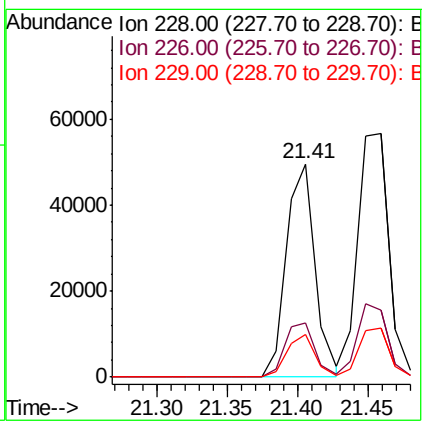


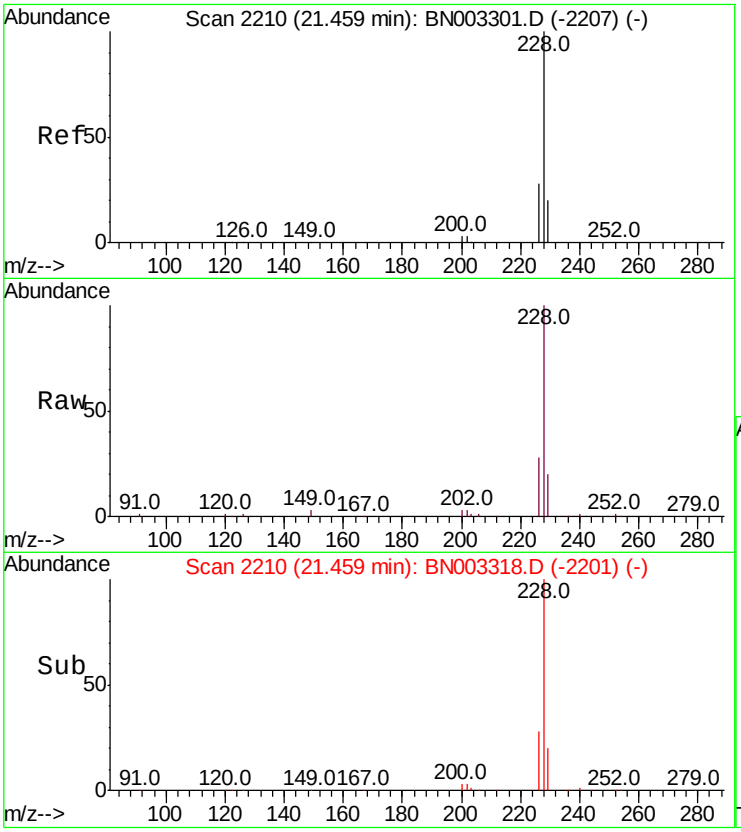


#30
Benzo(a)anthracene
Concen: 0.320 ng
RT: 21.41 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:228 Resp: 70912

Ion	Ratio	Lower	Upper
228	100		
226	25.7	20.8	31.2
229	20.2	16.1	24.1



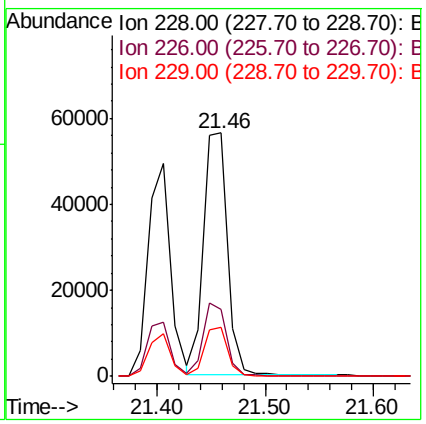


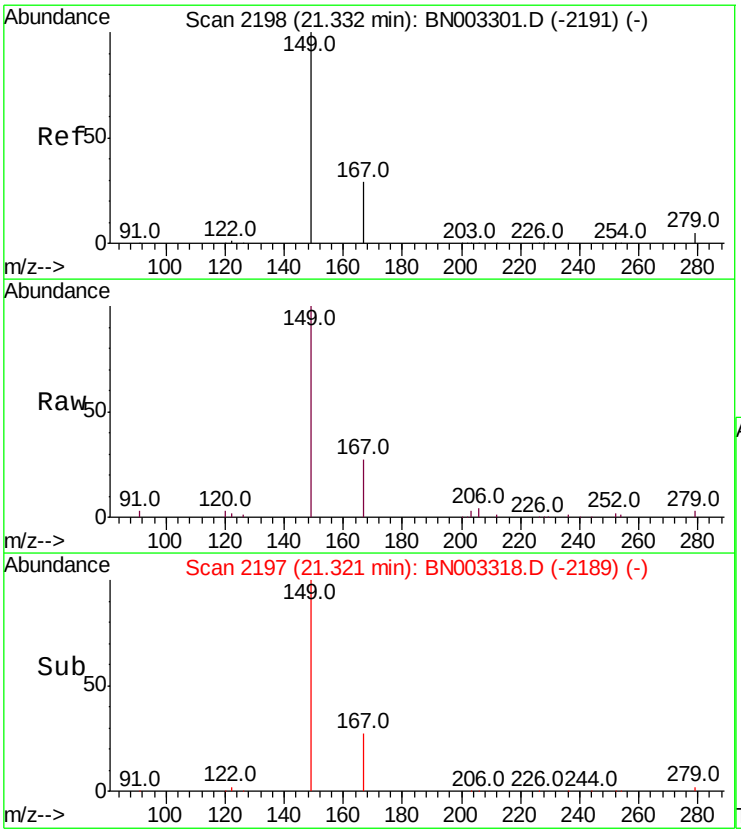
#31
Chrysene
Concen: 0.364 ng
RT: 21.46 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 86835

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	20.0	16.0	24.0

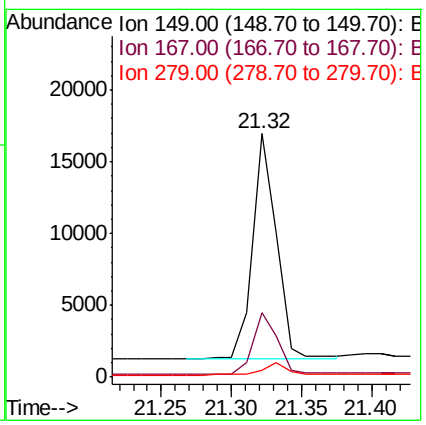


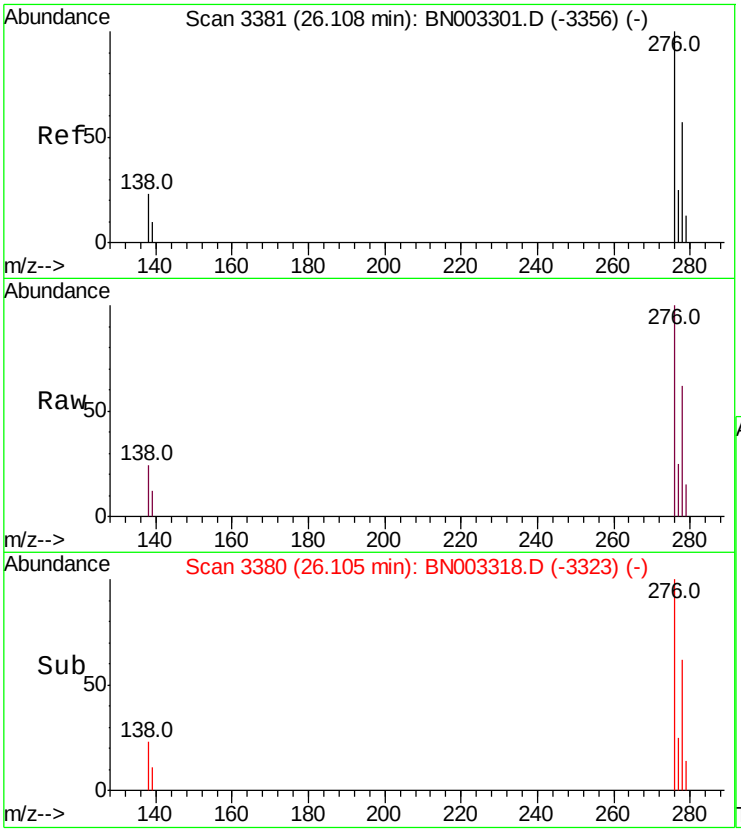


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.283 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:149 Resp: 18506

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.4	33.6
279	5.2	3.9	5.9



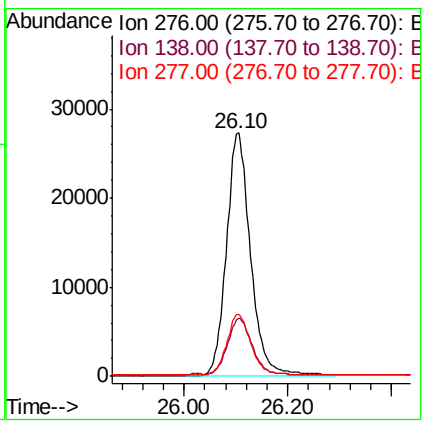


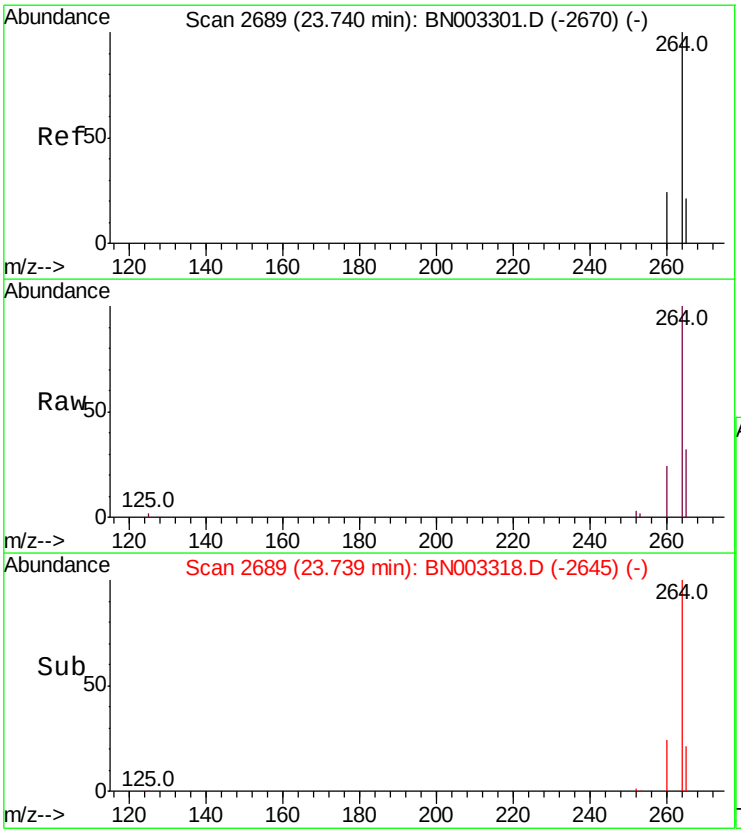
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng
RT: 26.10 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 88042

Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.6	30.8
277	25.3	20.0	30.0

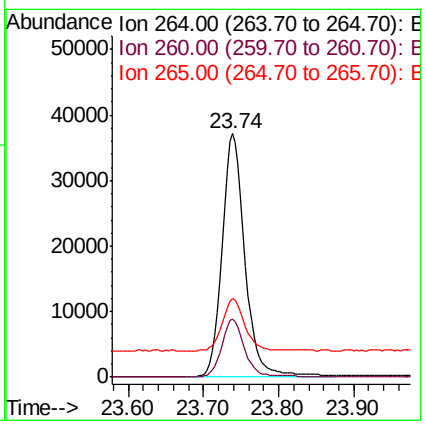


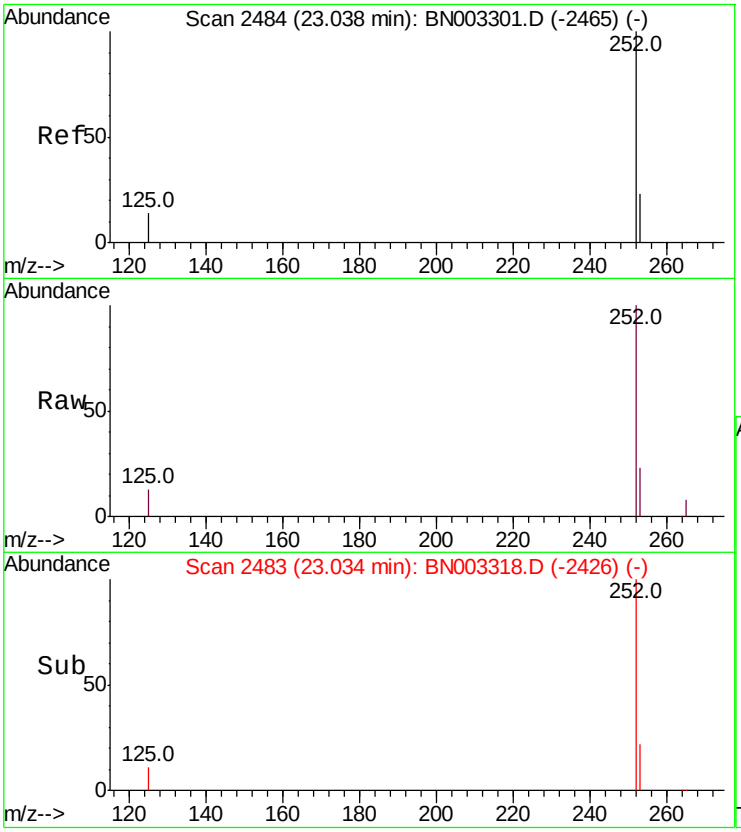


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2689
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:264 Resp: 76935

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	32.2	26.4	39.6



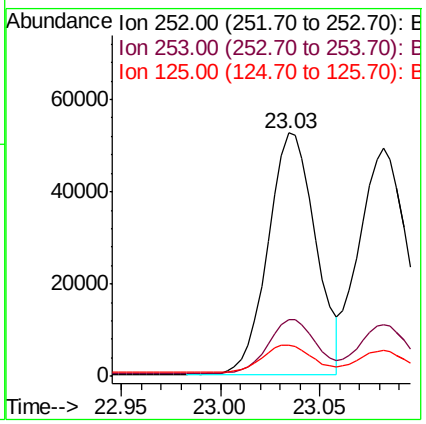


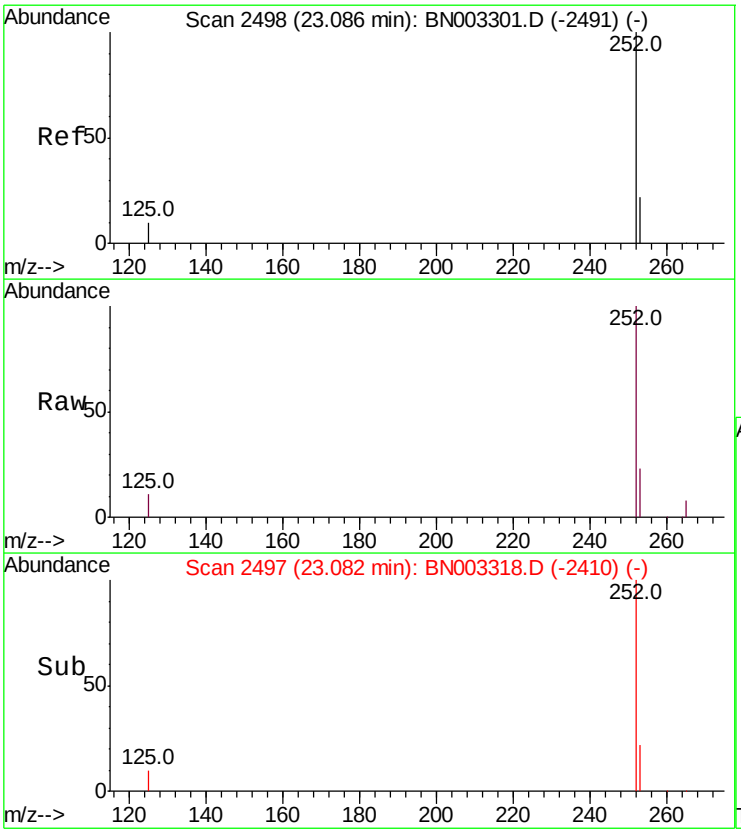
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.03 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 86747

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.3	28.9
125	13.0	12.7	19.1

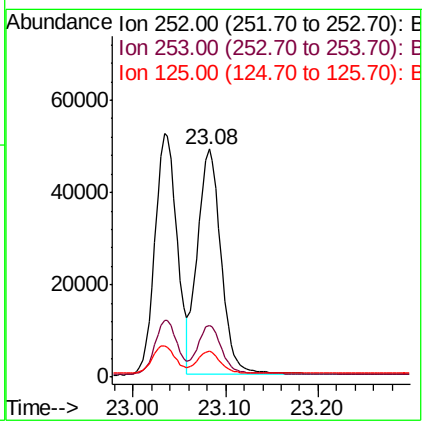


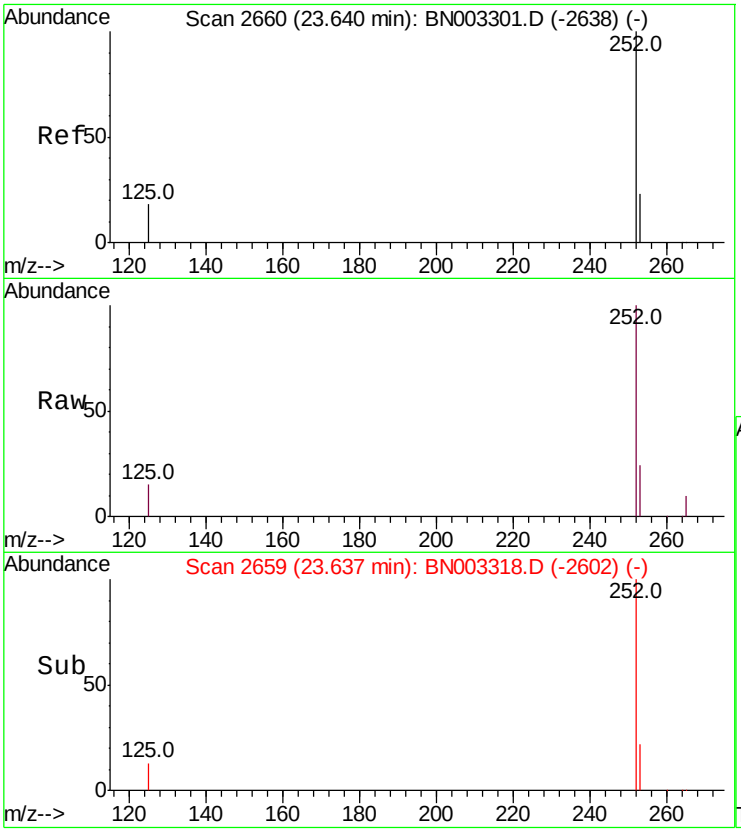


#36
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 23.08 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:252 Resp: 86052

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	11.2	9.1	13.7



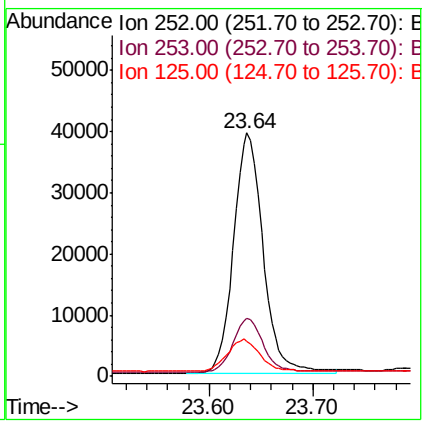


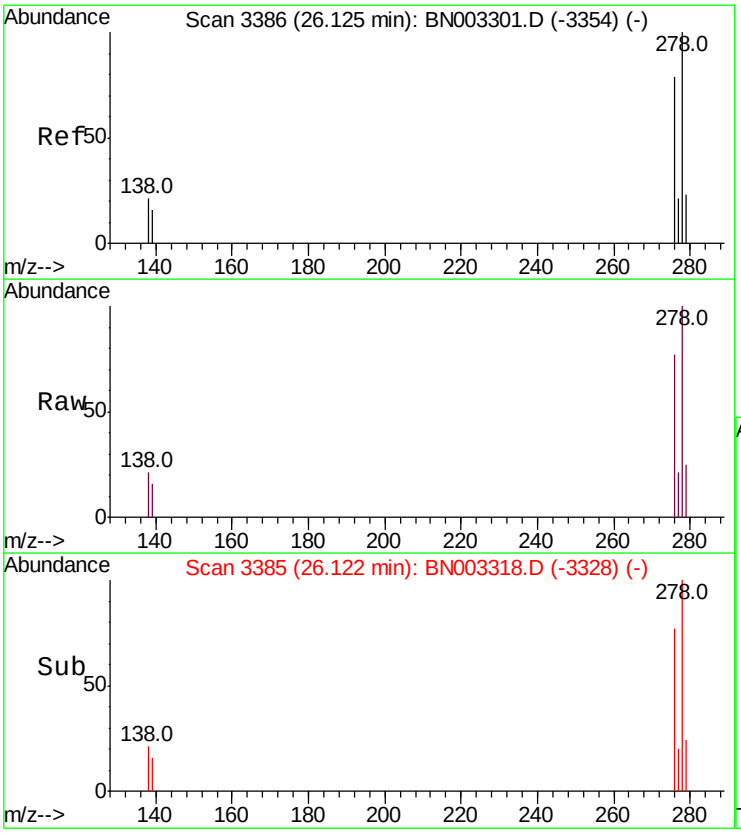
#37
Benzo(a)pyrene
Concen: 0.356 ng
RT: 23.64 min Scan# 2659
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 77805

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.1	30.1
125	14.5	16.0	24.0#

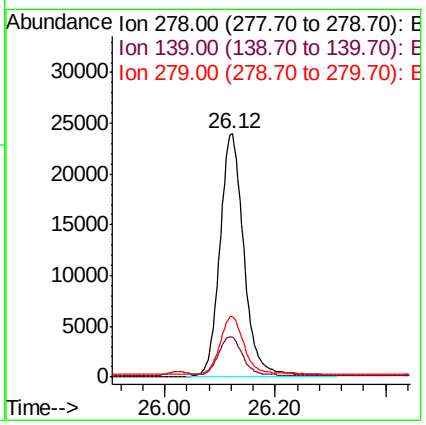


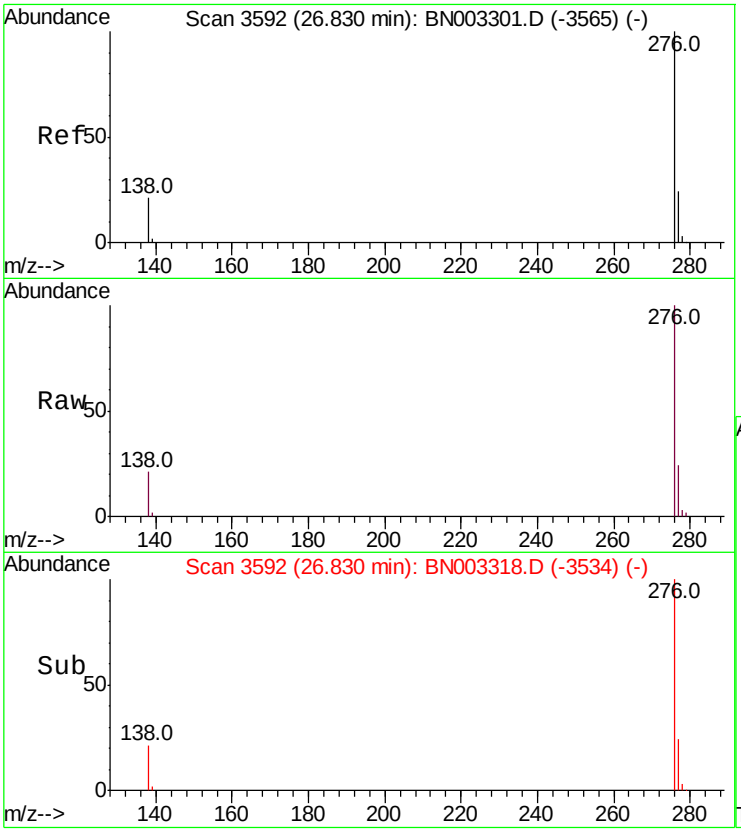


#38
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 26.12 min Scan# 3385
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Tgt Ion:278 Resp: 71797

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.5	20.3
279	24.8	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 26.83 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BN003318.D
Acq: 26 Oct 2018 23:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 72363

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	21.2	17.4	26.2