Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
Data File : BN003300.D
Acq On : 26 Oct 2018 12:25
Operator : MJ/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Oct 26 13:51:29 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 13:42:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	12061	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	50285	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	29964	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	74933	0.40	ng		0.00
27) Chrysene-d12	21.42	240	82366	0.40	ng		0.00
34) Perylene-d12	23.74	264	76451	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	6244	0.29	ng		0.00
5) Phenol-d6	7.02	99	7808	0.24	ng		0.00
8) Nitrobenzene-d5	9.02	82	4371	0.14	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	16874	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	2495	0.14	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	28421	0.25	ng		0.00
25) Fluoranthene-d10	19.27	212	43417	0.20	ng		0.00
29) Terphenyl-d14	19.87	244	41477	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	3219	0.177	ng		97
3) n-Nitrosodimethylamine	3.69	42	1377	0.262	ng		94
6) bis(2-Chloroethyl)ether	7.30	93	6524	0.179	ng		92
9) Naphthalene	10.72	128	25478	0.203	ng		99
10) Hexachlorobutadiene	10.99	225	4689	0.187	ng	#	100
12) 2-Methylnaphthalene	12.33	142	17679	0.208	ng		98
16) Acenaphthylene	14.22	152	26480	0.196	ng		100
17) Acenaphthene	14.56	154	18944	0.209	ng		99
18) Fluorene	15.55	166	23741	0.203	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	8609	0.188	ng	#	72
21) Hexachlorobenzene	16.54	284	9081	0.187	ng		98
22) Pentachlorophenol	16.89	266	2293	0.365	ng		94
23) Phenanthrene	17.28	178	41753	0.210	ng		100
24) Anthracene	17.38	178	34617	0.196	ng		100
26) Fluoranthene	19.30	202	46770	0.192	ng		100
28) Pyrene	19.66	202	47709	0.201	ng		100
30) Benzo(a)anthracene	21.41	228	43225	0.222	ng		100
31) Chrysene	21.46	228	48485	0.178	ng		100
32) Bis(2-ethylhexyl)phthalate	21.33	149	12908	0.108	ng		100
33) Indeno(1,2,3-cd)pyrene	26.10	276	47978	0.205	ng		99
35) Benzo(b)fluoranthene	23.04	252	48494	0.236	ng		97
36) Benzo(k)fluoranthene	23.08	252	47104	0.189	ng		96
37) Benzo(a)pyrene	23.64	252	43336	0.201	ng		96
38) Dibenzo(a,h)anthracene	26.13	278	39087	0.209	ng		97
39) Benzo(g,h,i)perylene	26.83	276	40125	0.210	ng		98

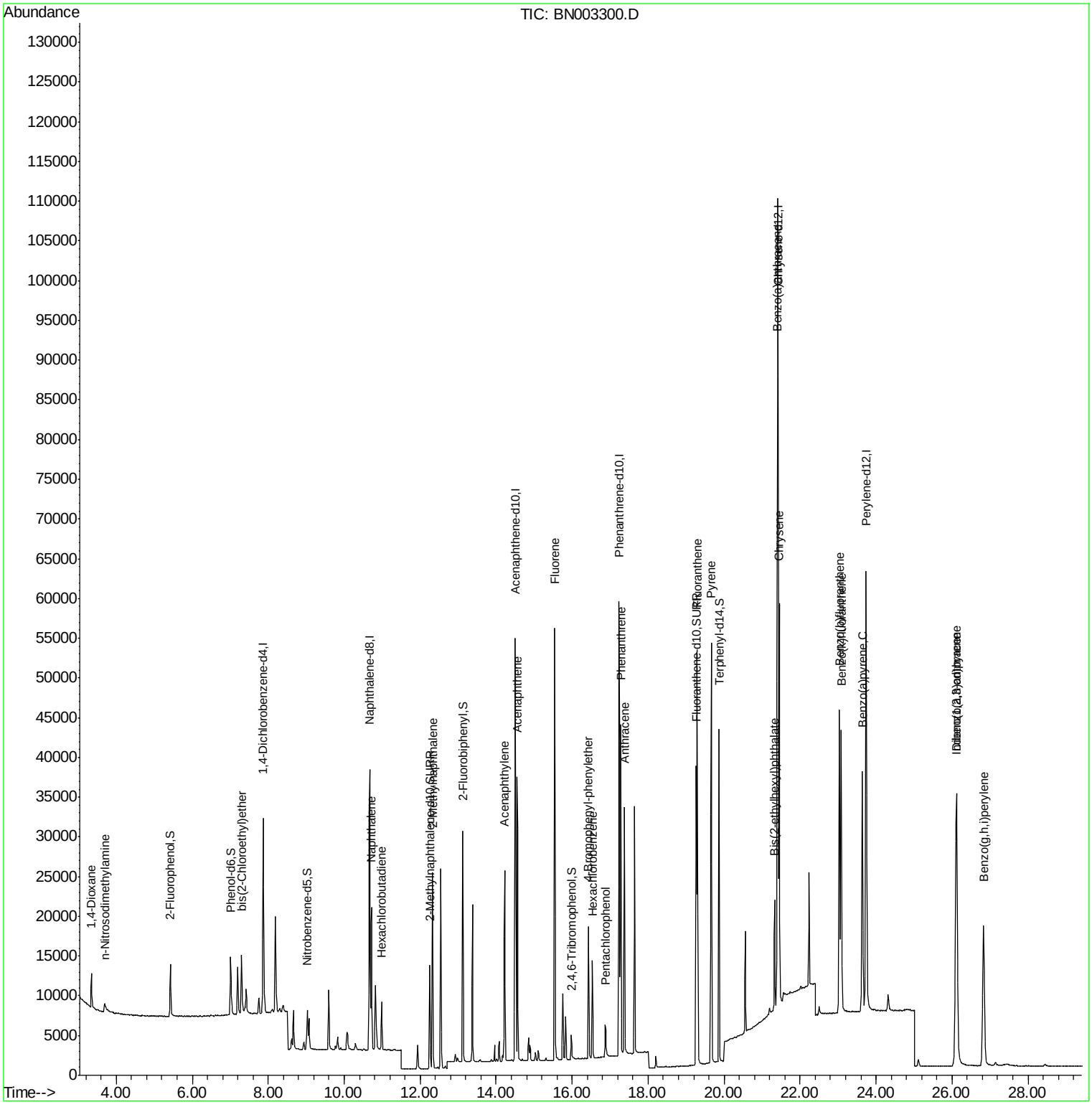
(#) = qualifier out of range (m) = manual integration (+) = signals summed

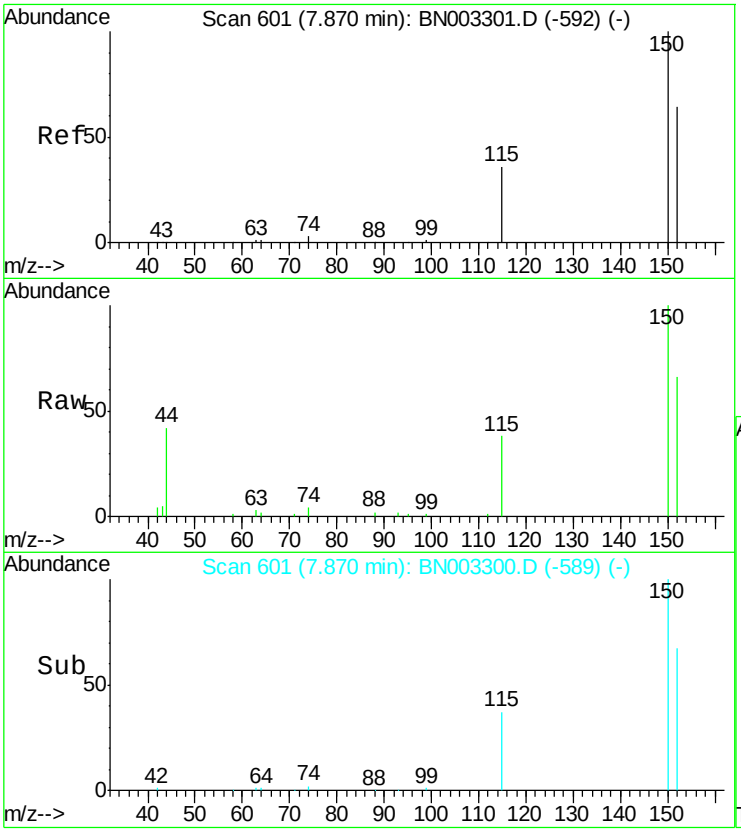
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
Data File : BN003300.D
Acq On : 26 Oct 2018 12:25
Operator : MJ/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 26 13:51:29 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 13:42:21 2018
Response via : Initial Calibration



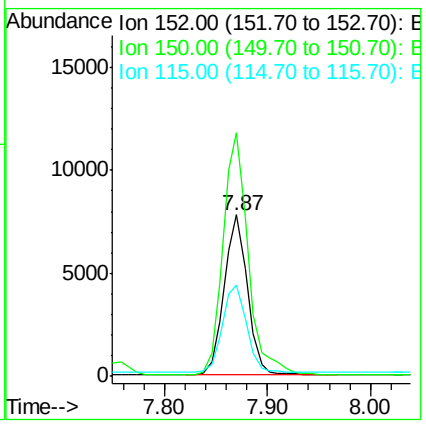


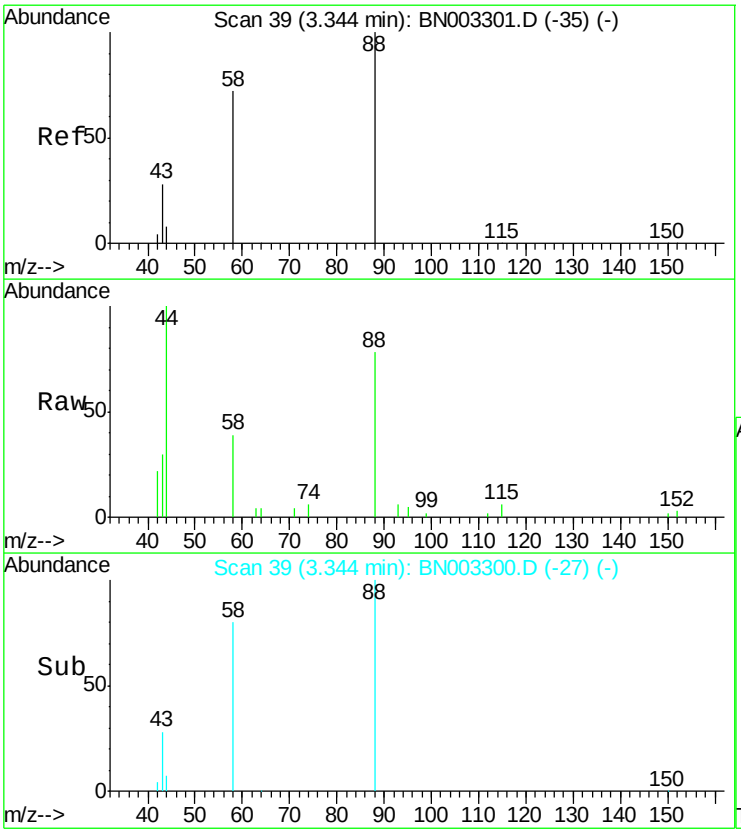
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 12061

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	187.0
115	56.9	46.4	69.6

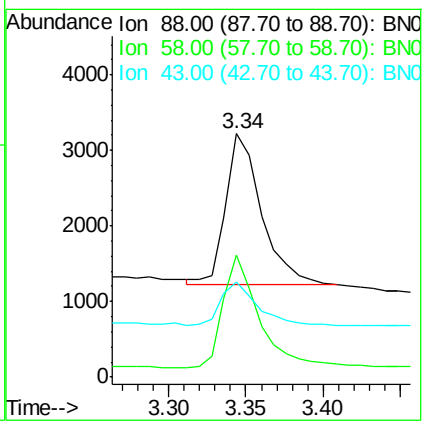


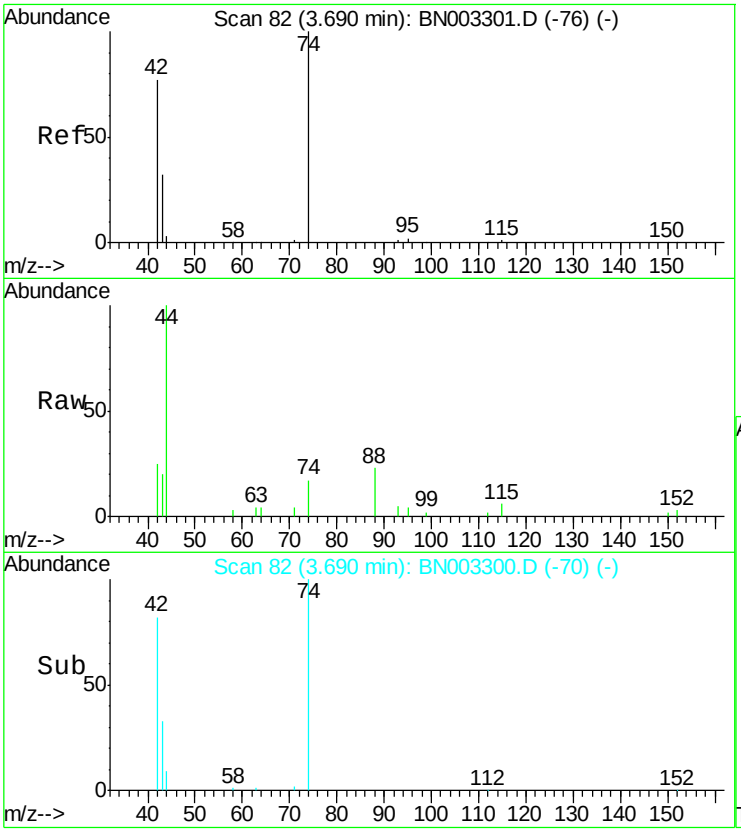


#2
1,4-Dioxane
Concen: 0.177 ng
RT: 3.34 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion: 88 Resp: 3219

Ion	Ratio	Lower	Upper
88	100		
58	73.1	60.9	91.3
43	29.3	23.9	35.9



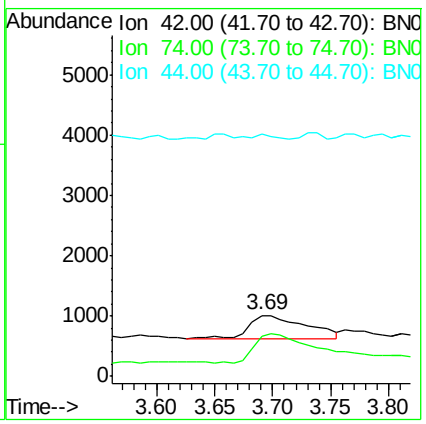


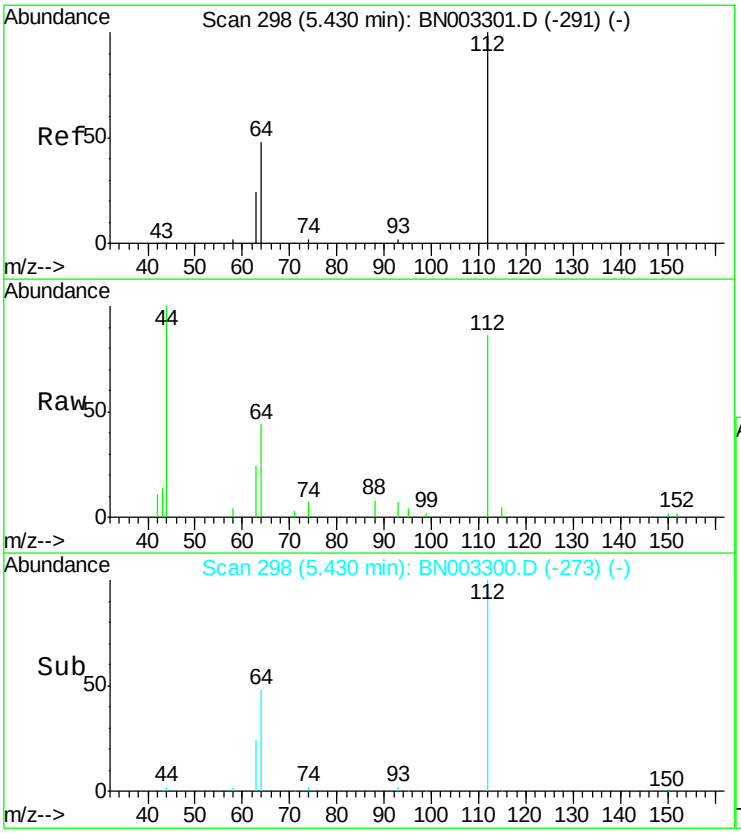
#3
n-Nitrosodimethylamine
Concen: 0.262 ng
RT: 3.69 min Scan# 82
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1377

Ion	Ratio	Lower	Upper
42	100		
74	116.5	99.1	148.7
44	5.1	4.2	6.4

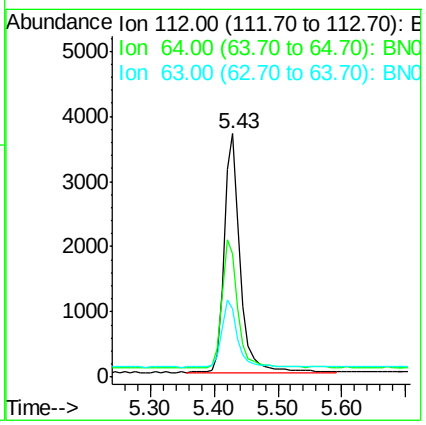


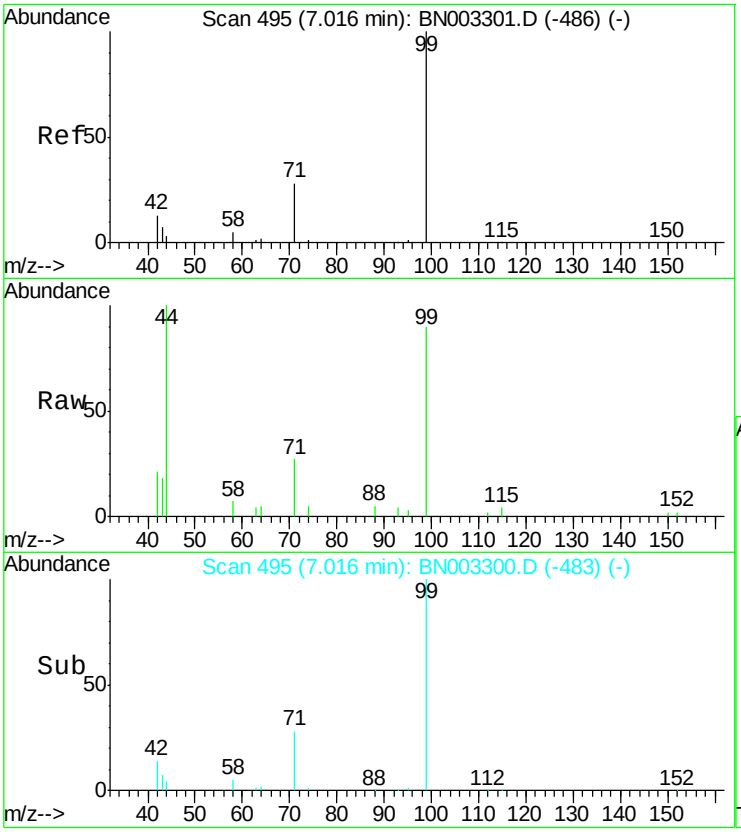


#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.43 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:112 Resp: 6244

Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.3	66.5
63	28.2	22.4	33.6



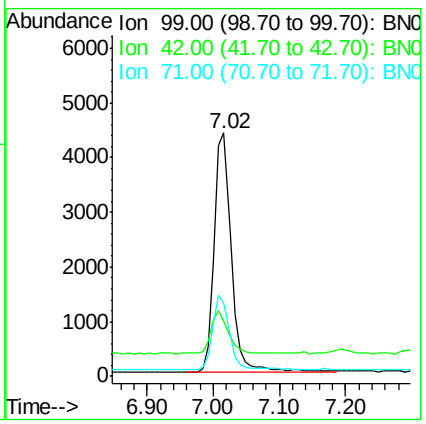


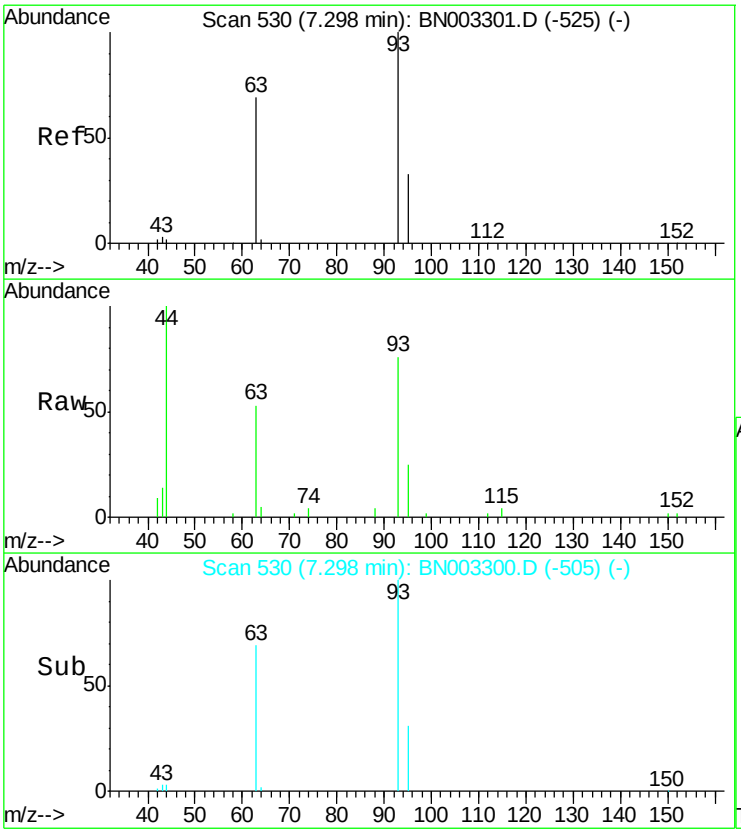
#5
Phenol-d6
Concen: 0.235 ng
RT: 7.02 min Scan# 495
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 7808

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.8	22.2
71	31.0	24.8	37.2

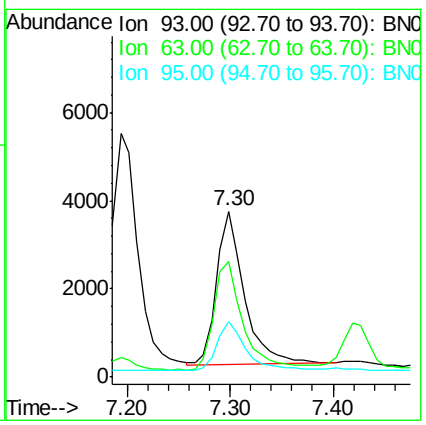


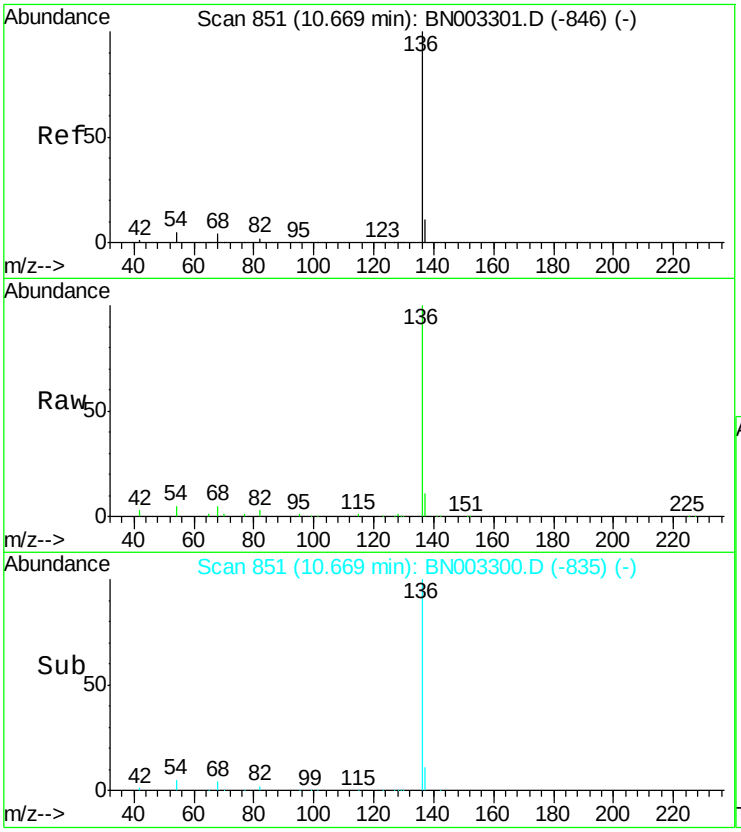


#6
bis(2-Chloroethyl)ether
Concen: 0.179 ng
RT: 7.30 min Scan# 530
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion: 93 Resp: 6524

Ion	Ratio	Lower	Upper
93	100		
63	75.4	55.8	83.6
95	36.7	25.4	38.2



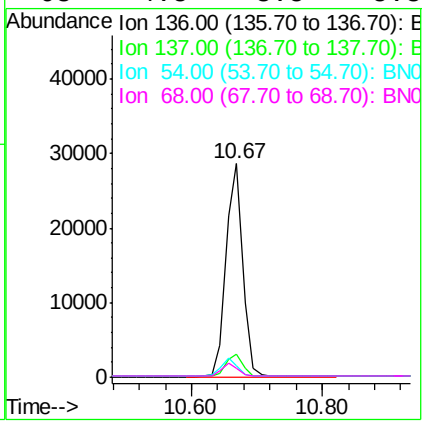


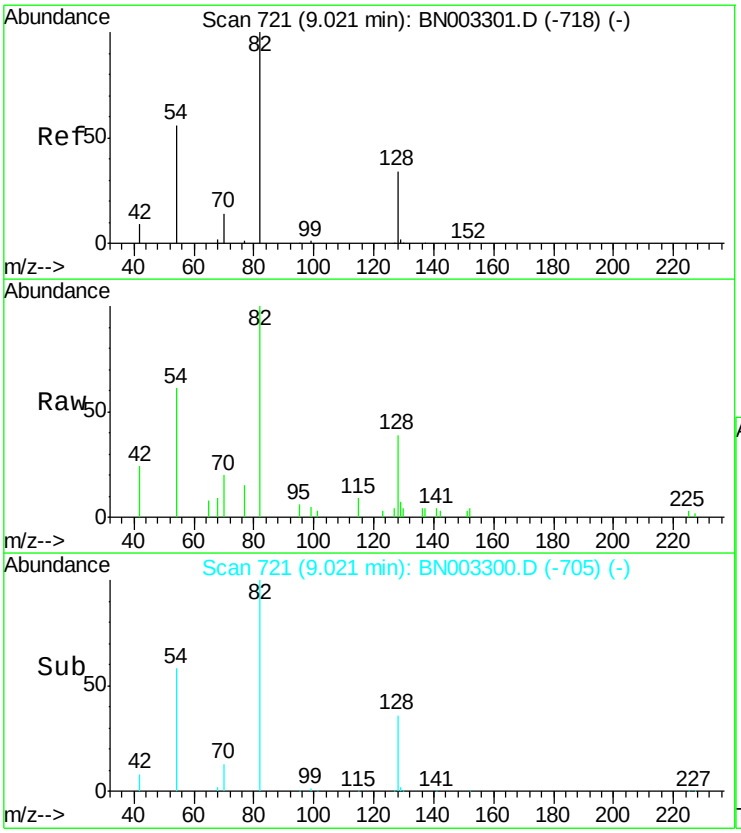
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 50285

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.3	4.1	6.1
68	4.5	3.5	5.3

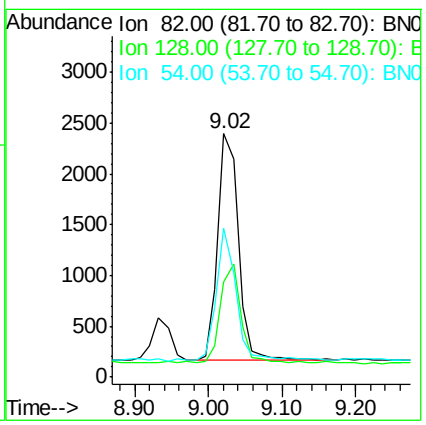


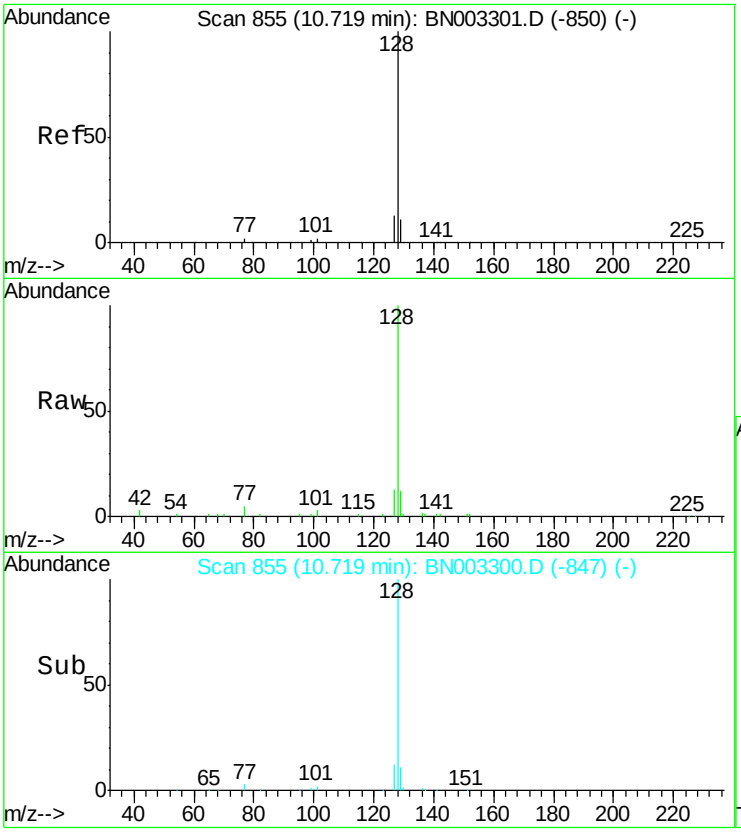


#8
Nitrobenzene-d5
Concen: 0.142 ng
RT: 9.02 min Scan# 721
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion: 82 Resp: 4371

Ion	Ratio	Lower	Upper
82	100		
128	39.0	28.9	43.3
54	61.0	46.1	69.1



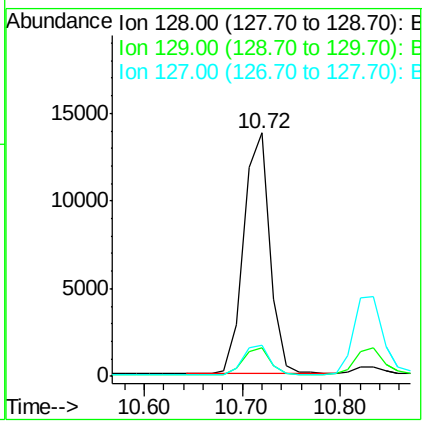


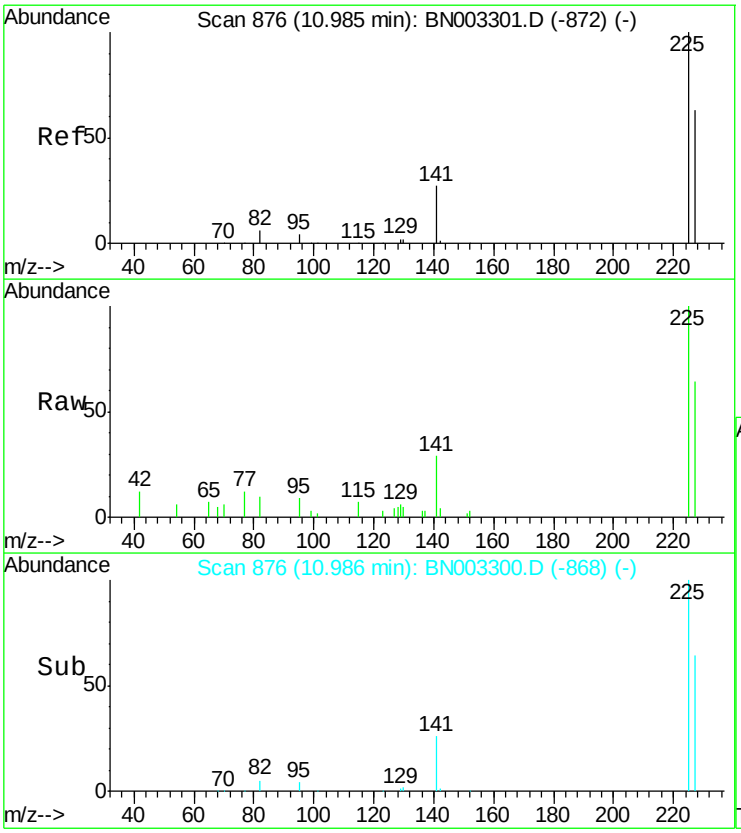
#9
Naphthalene
Concen: 0.203 ng
RT: 10.72 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 25478

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	12.9	10.2	15.4

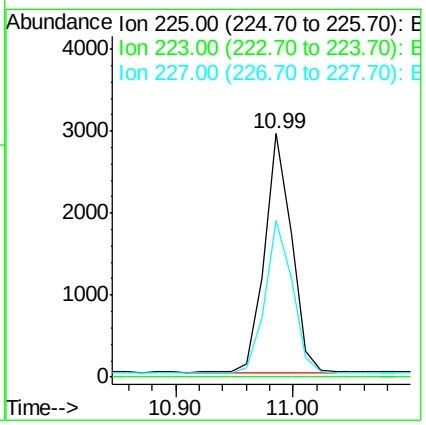


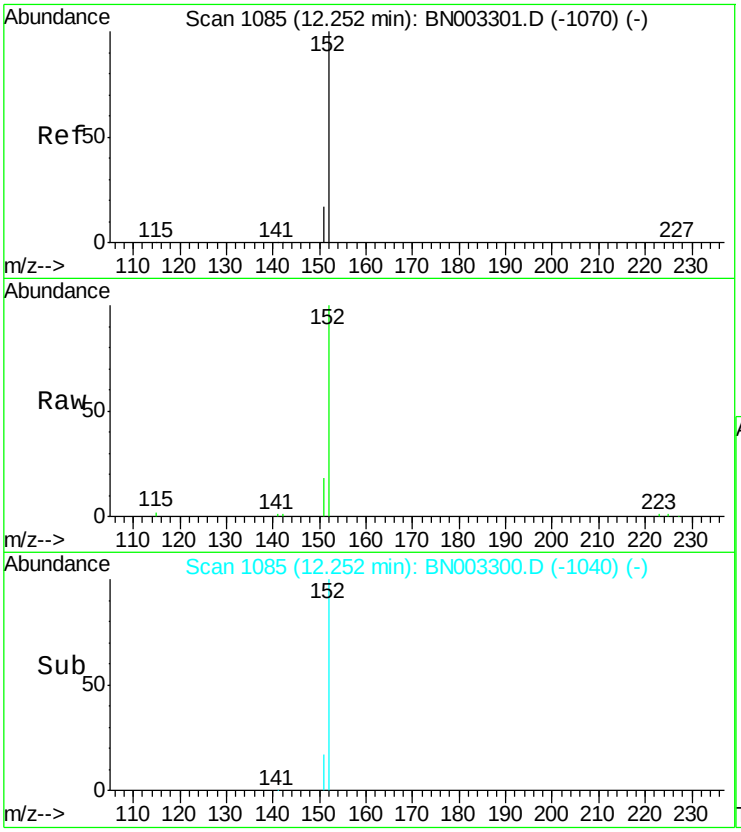


#10
Hexachlorobutadiene
Concen: 0.187 ng
RT: 10.99 min Scan# 876
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:225 Resp: 4689

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.3	76.9



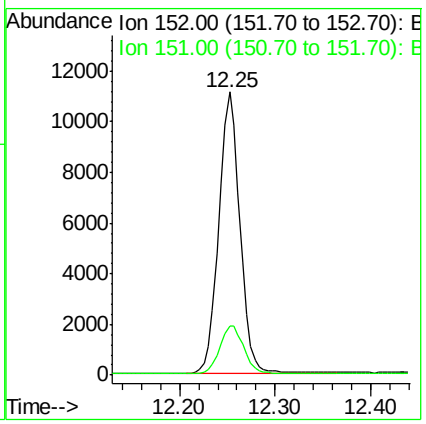


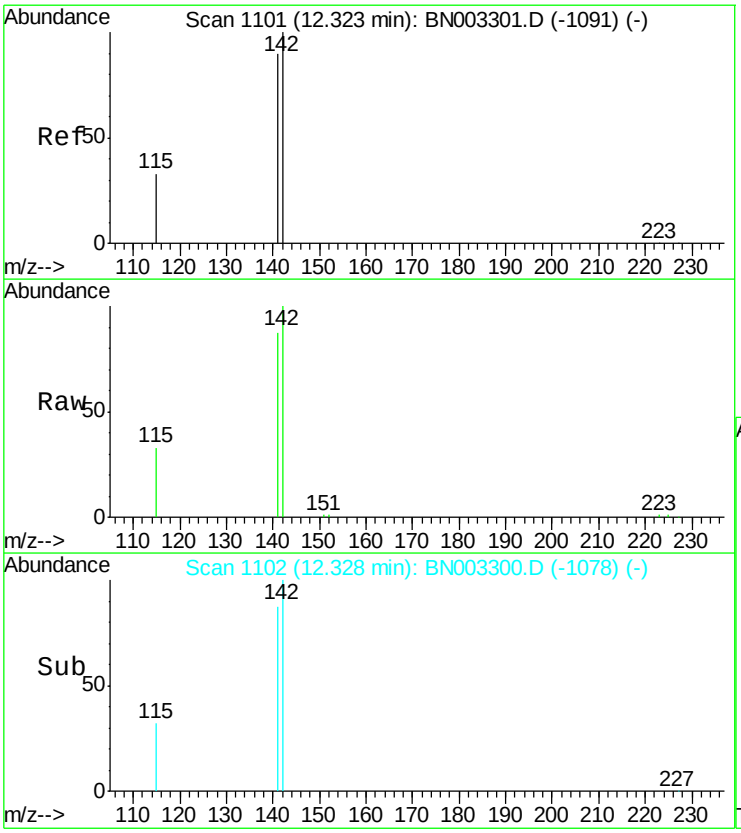
#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 12.25 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 16874

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

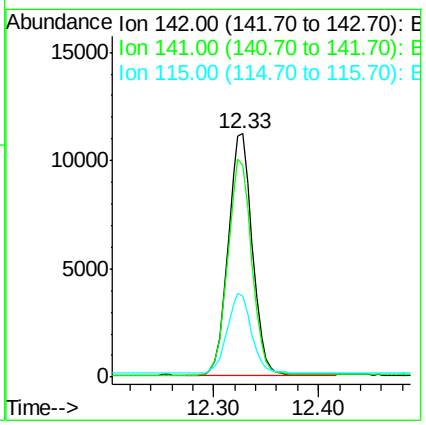


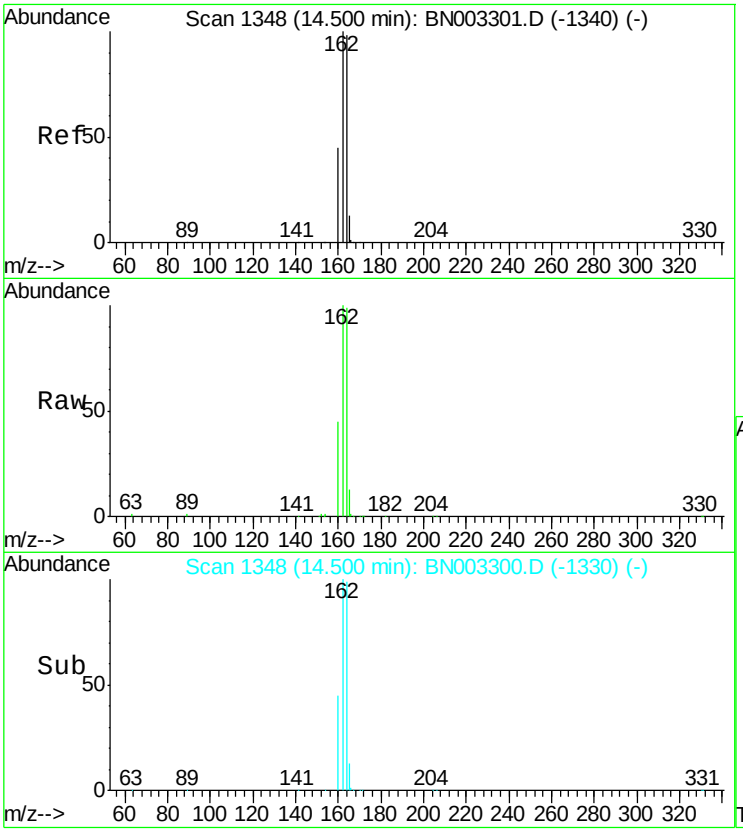


#12
2-Methylnaphthalene
Concen: 0.208 ng
RT: 12.33 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:142 Resp: 17679

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.9	107.9
115	33.2	27.0	40.6



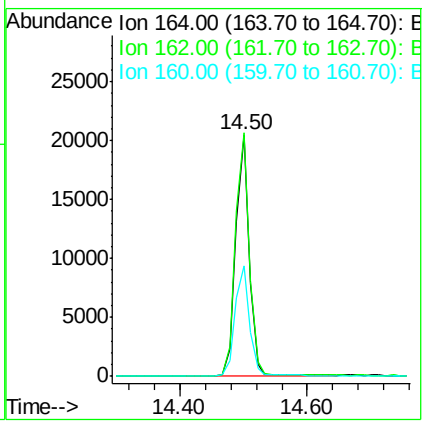


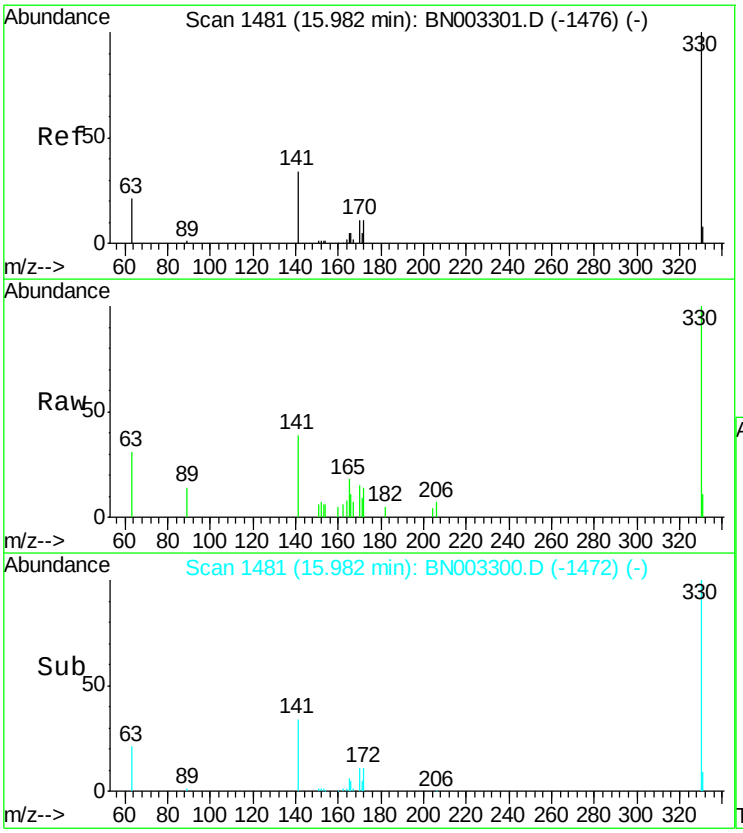
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 29964

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	45.9	37.2	55.8

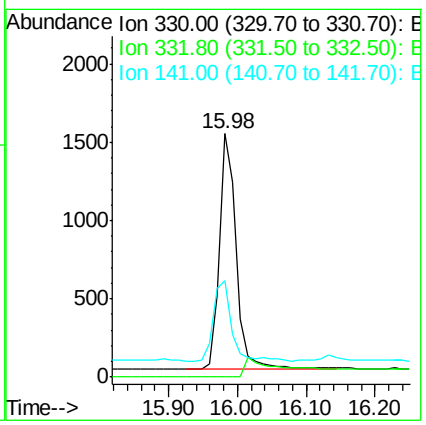


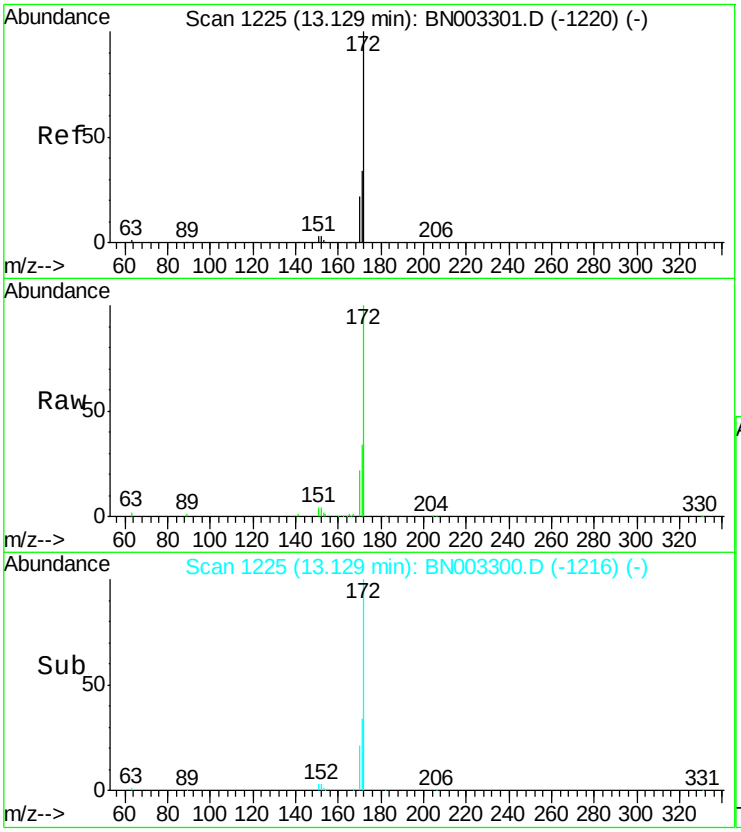


#14
2,4,6-Tribromophenol
Concen: 0.143 ng
RT: 15.98 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:330 Resp: 2495

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.0	28.3	42.5



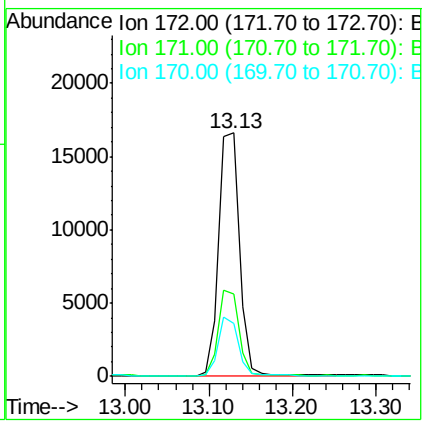


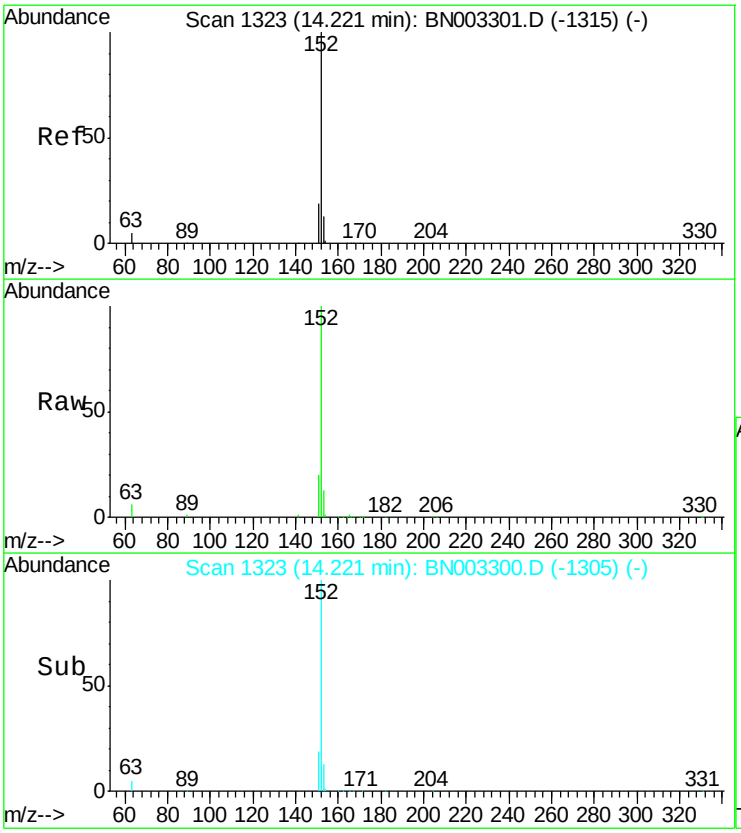
#15
2-Fluorobiphenyl
Concen: 0.245 ng
RT: 13.13 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 28421

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.1	40.7
170	21.7	17.4	26.0

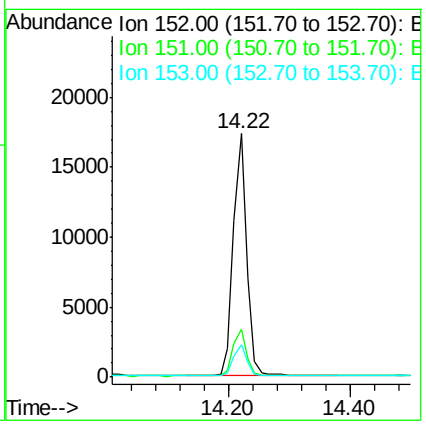


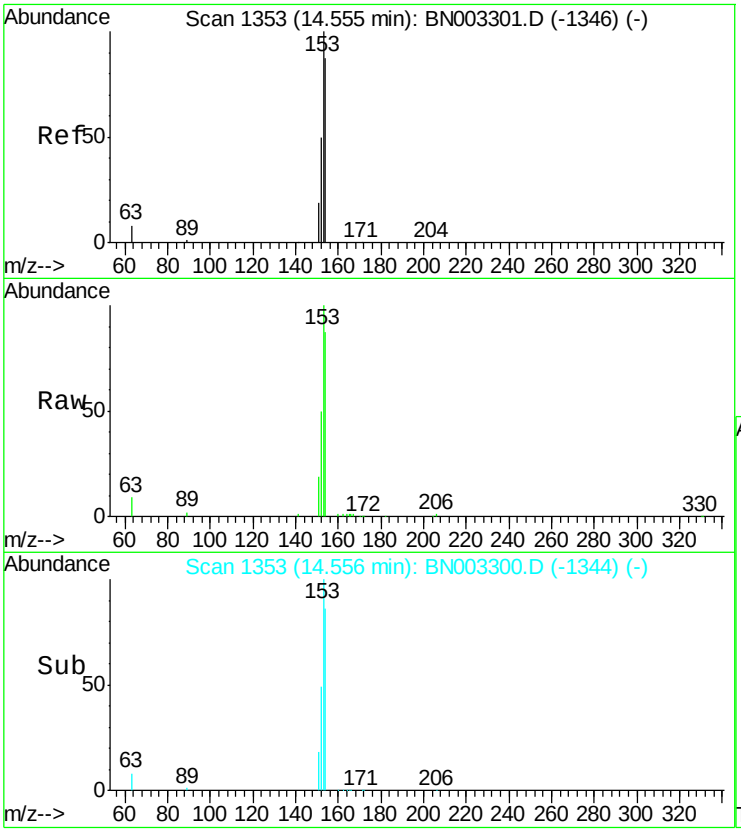


#16
Acenaphthylene
Concen: 0.196 ng
RT: 14.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:152 Resp: 26480

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.2	10.6	15.8



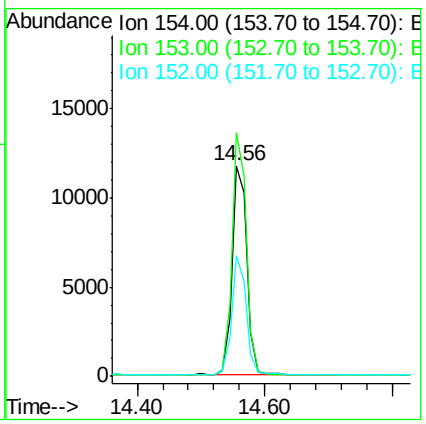


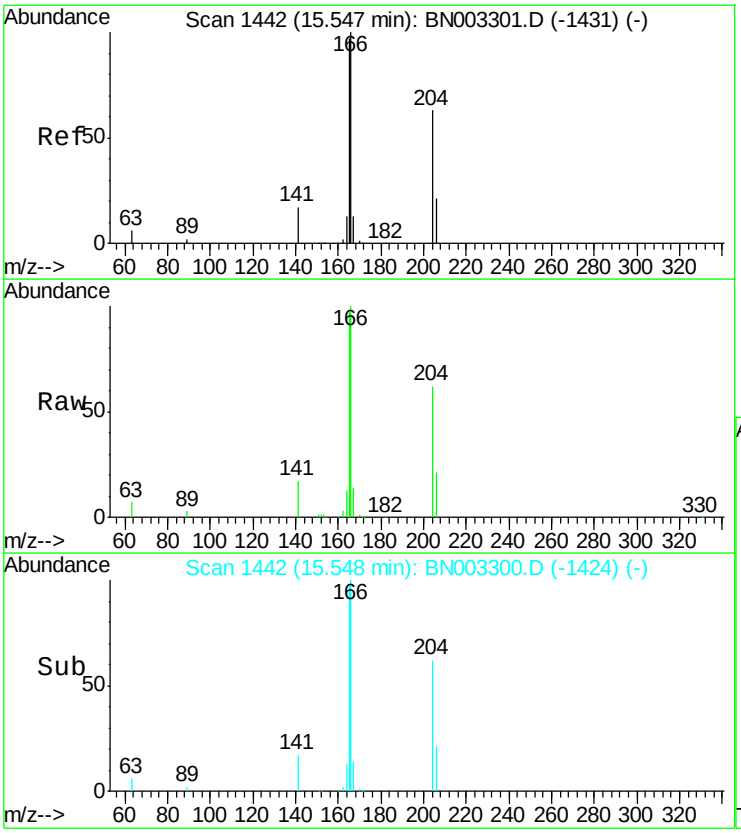
#17
Acenaphthene
Concen: 0.209 ng
RT: 14.56 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 18944

Ion	Ratio	Lower	Upper
154	100		
153	112.5	88.9	133.3
152	55.0	43.5	65.3

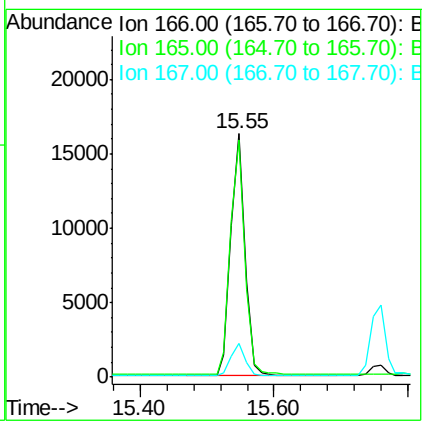


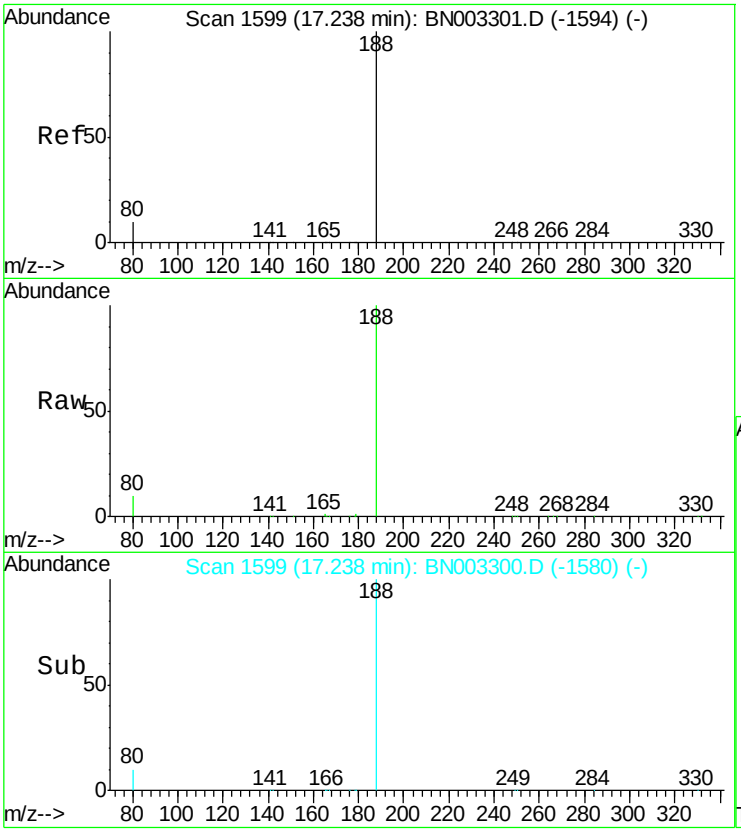


#18
Fluorene
Concen: 0.203 ng
RT: 15.55 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:166 Resp: 23741

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.8
167	13.5	10.9	16.3



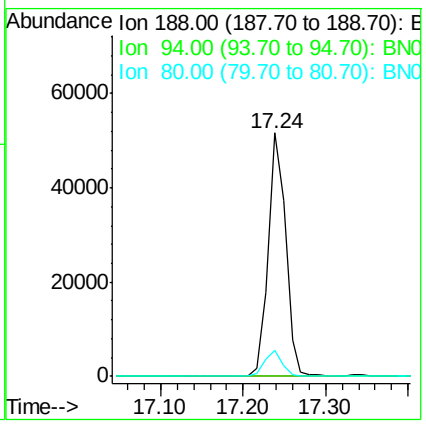


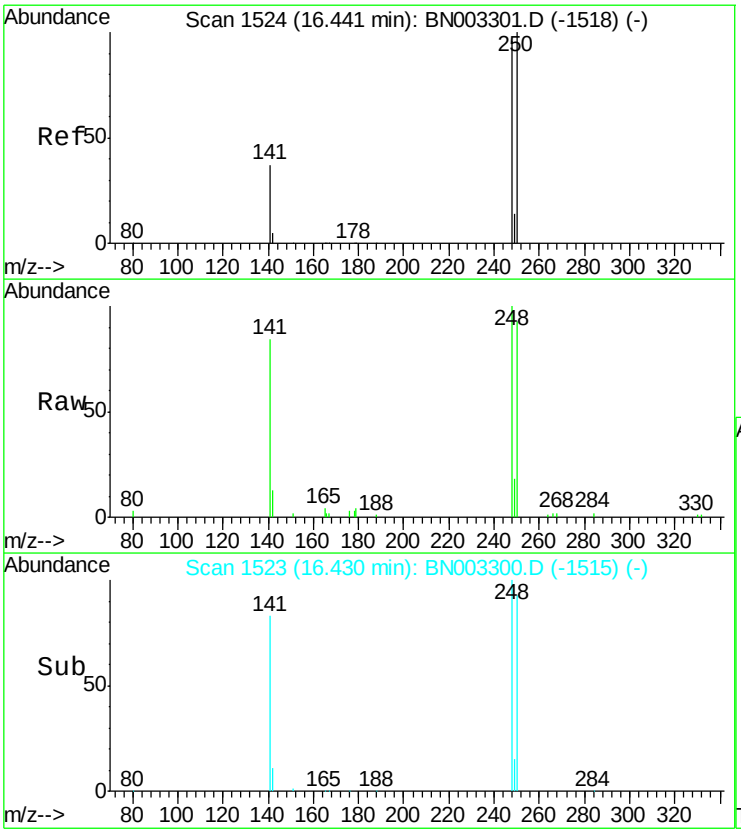
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 74933

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.6	12.8

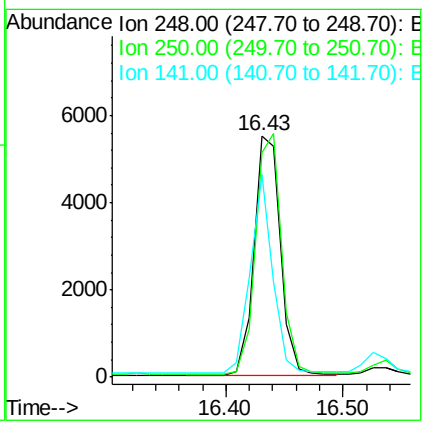


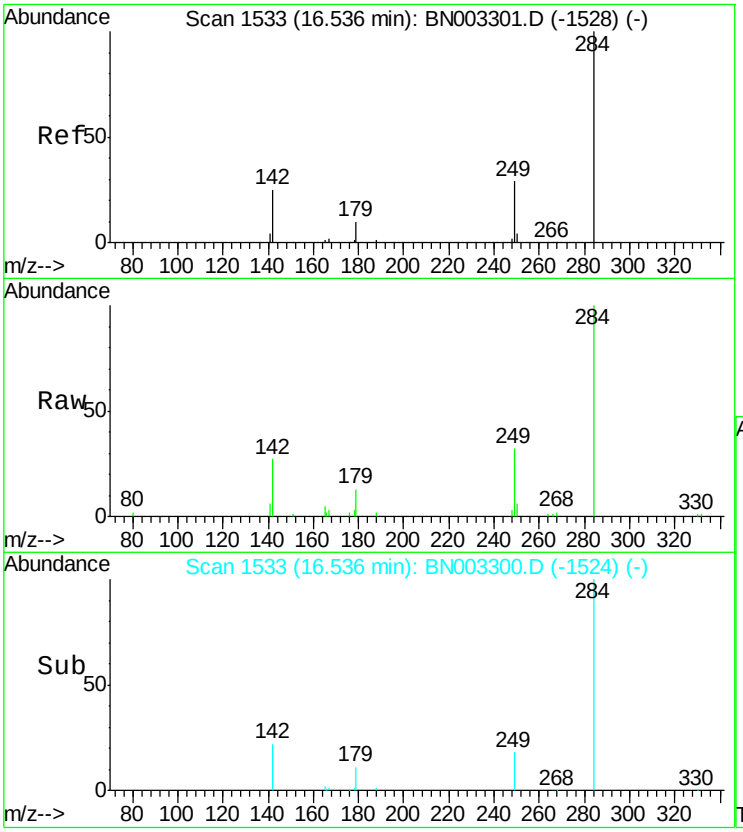


#20
4-Bromophenyl-phenylether
Concen: 0.188 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:248 Resp: 8609

Ion	Ratio	Lower	Upper
248	100		
250	93.1	83.7	125.5
141	83.7	31.4	47.0#



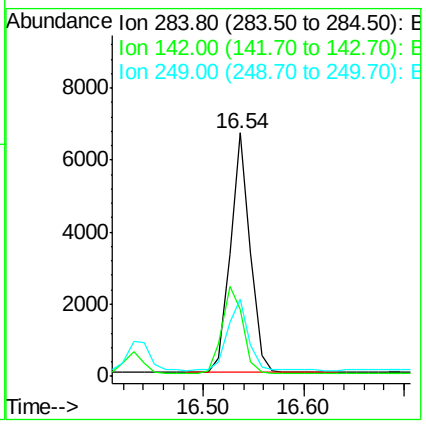


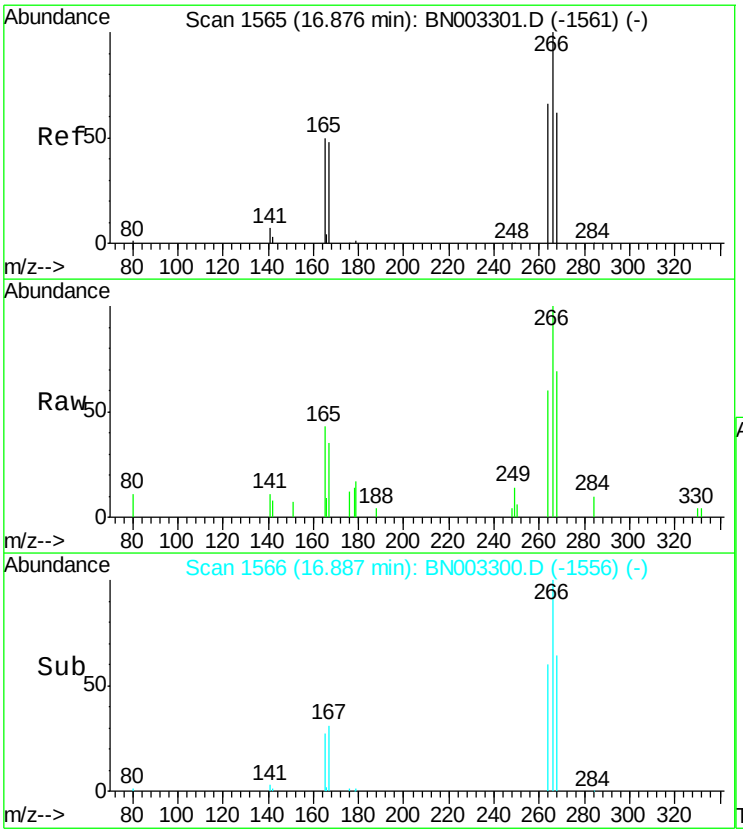
#21
Hexachlorobenzene
Concen: 0.187 ng
RT: 16.54 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 9081

Ion	Ratio	Lower	Upper
284	100		
142	38.0	29.7	44.5
249	31.0	24.0	36.0

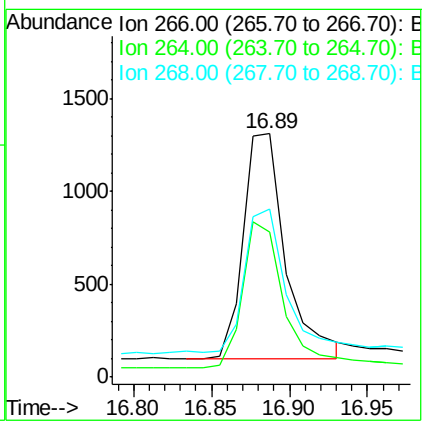


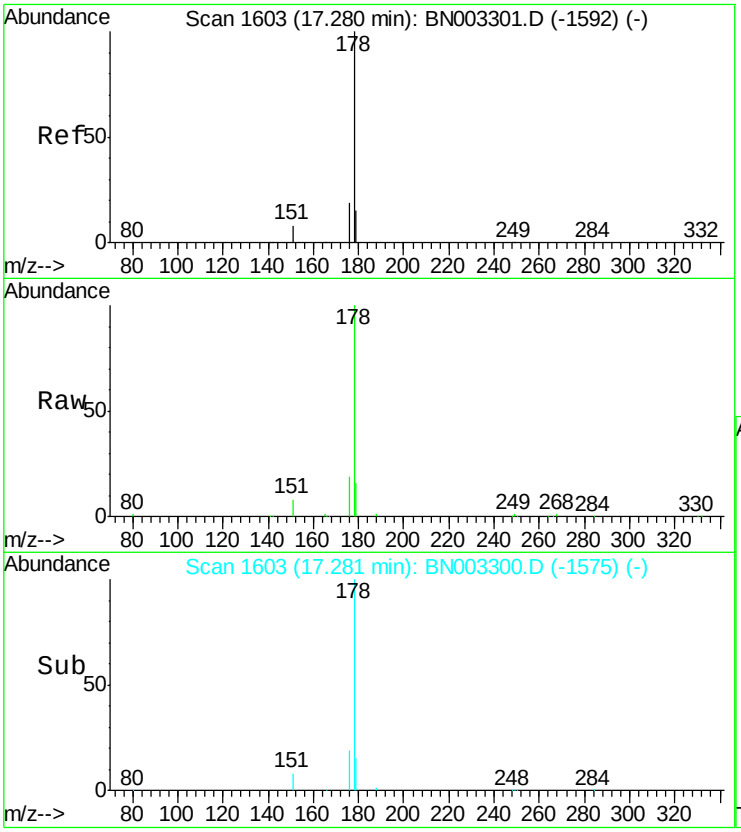


#22
Pentachlorophenol
Concen: 0.365 ng
RT: 16.89 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:266 Resp: 2293

Ion	Ratio	Lower	Upper
266	100		
264	59.5	52.1	78.1
268	68.9	51.8	77.6



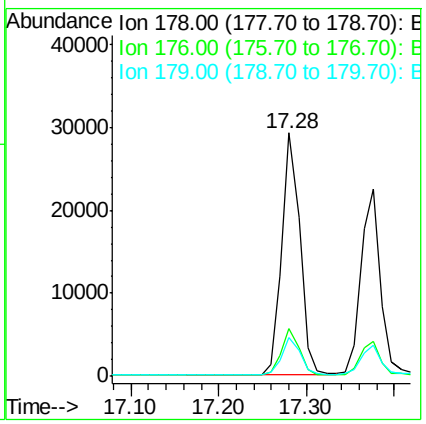


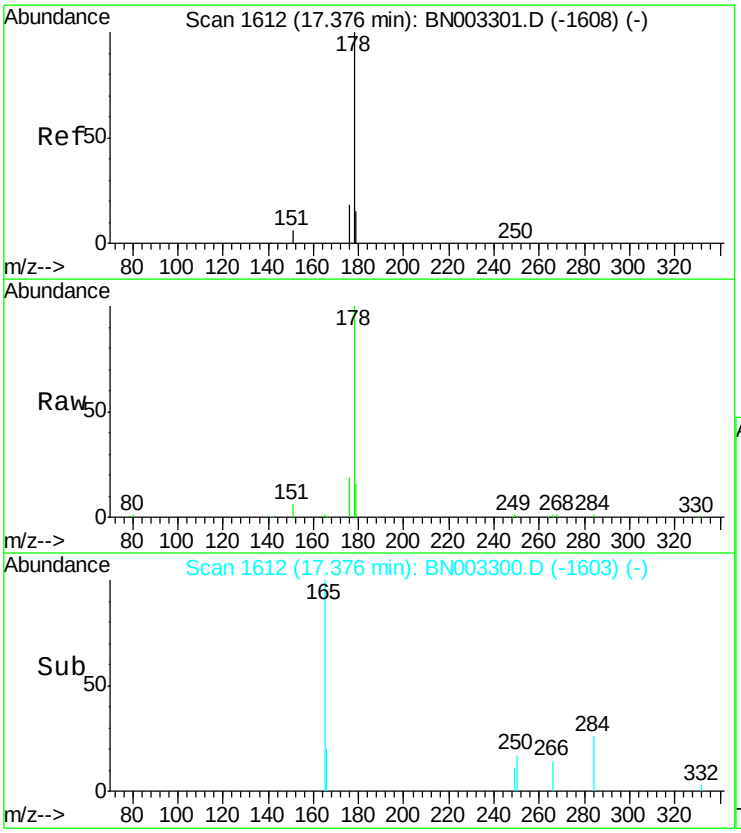
#23
Phenanthrene
Concen: 0.210 ng
RT: 17.28 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 41753

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.3	12.4	18.6

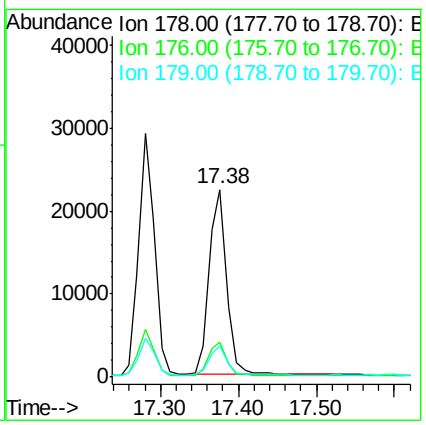


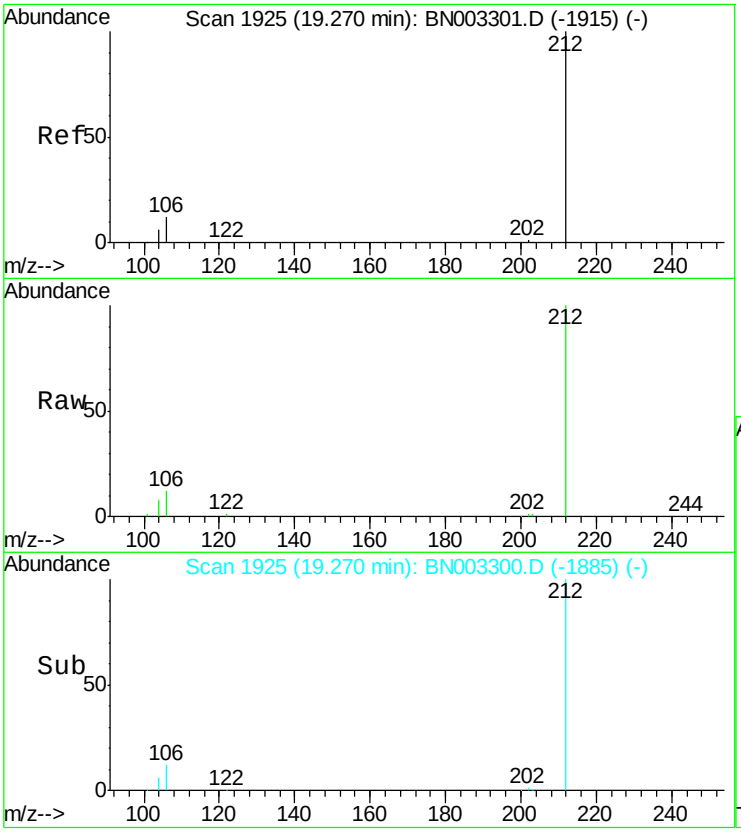


#24
Anthracene
Concen: 0.196 ng
RT: 17.38 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:178 Resp: 34617

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.4	12.2	18.4



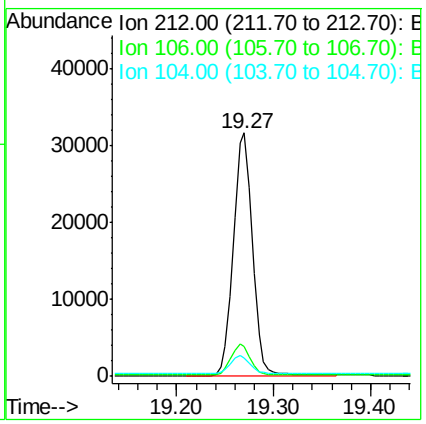


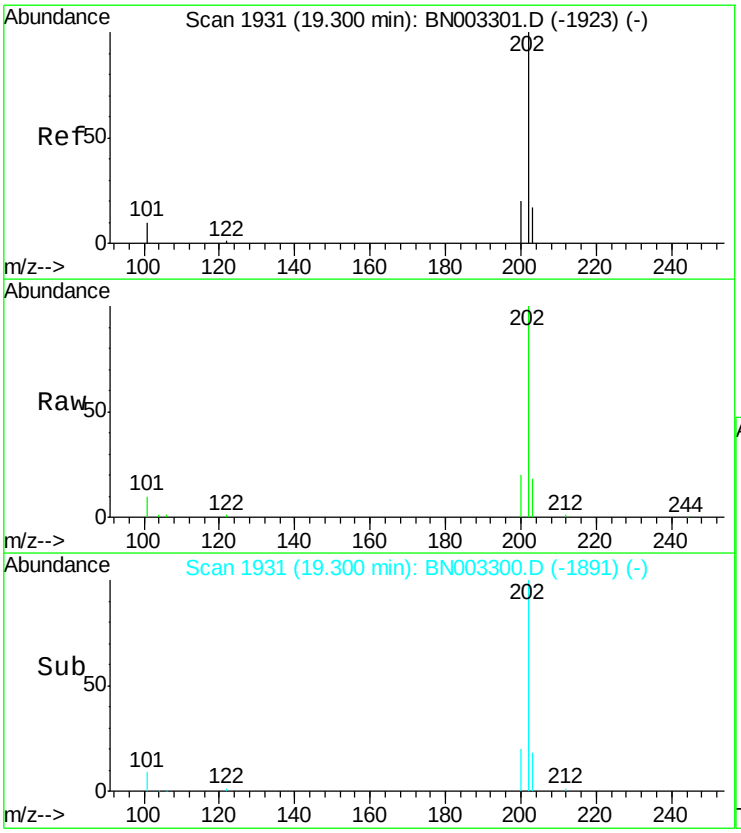
#25
Fluoranthene-d10
Concen: 0.196 ng
RT: 19.27 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 43417

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.3	15.5
104	7.3	5.6	8.4

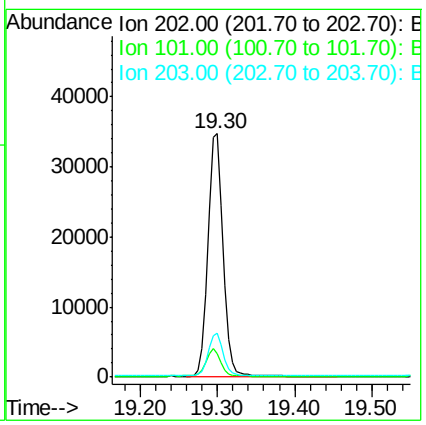


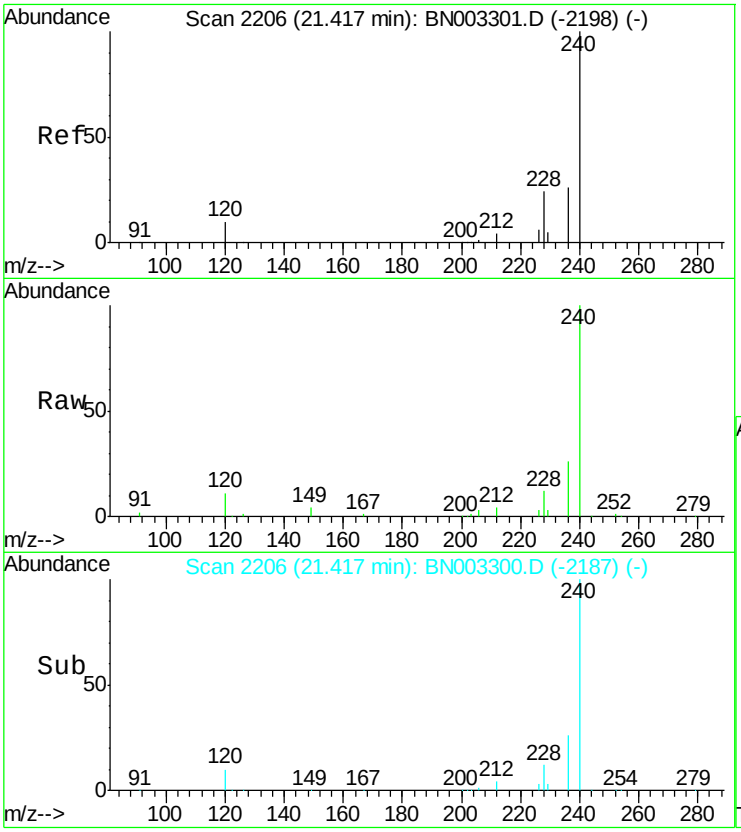


#26
Fluoranthene
Concen: 0.192 ng
RT: 19.30 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:202 Resp: 46770

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.3	13.8	20.6



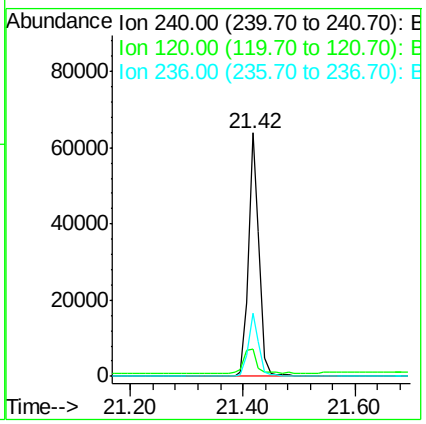


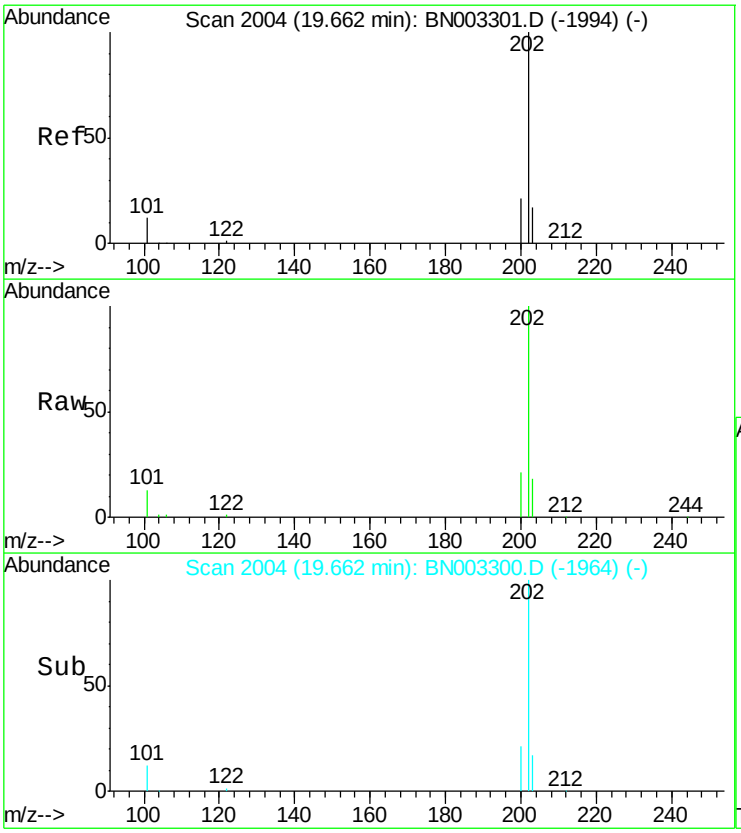
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 82366

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.3	13.9
236	26.2	21.0	31.4

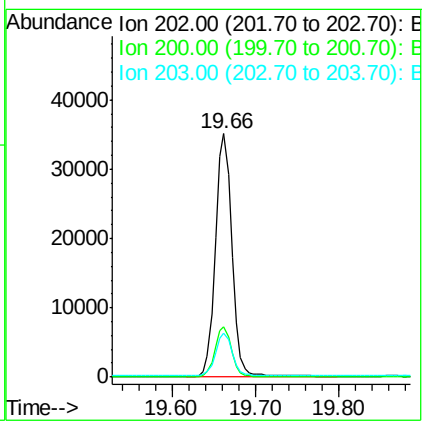


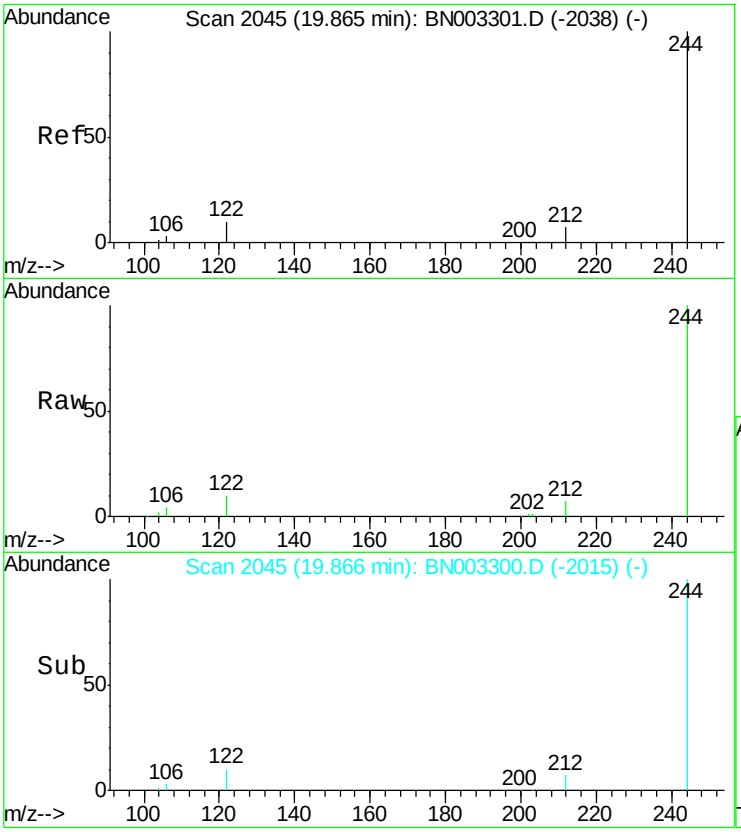


#28
Pyrene
Concen: 0.201 ng
RT: 19.66 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:202 Resp: 47709

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.4	13.9	20.9



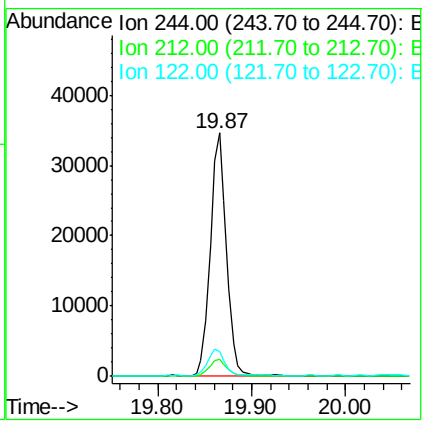


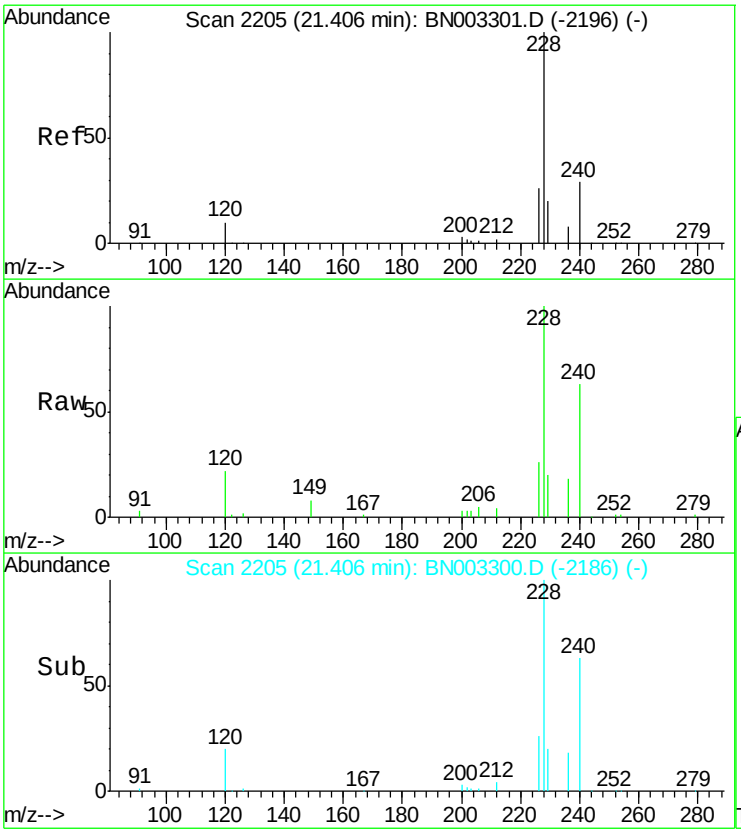
#29
Terphenyl-d14
Concen: 0.215 ng
RT: 19.87 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 41477

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.4	8.5	12.7

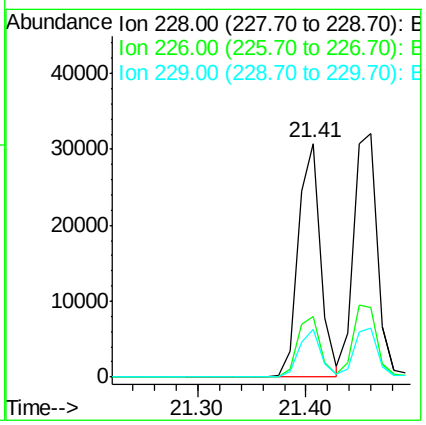


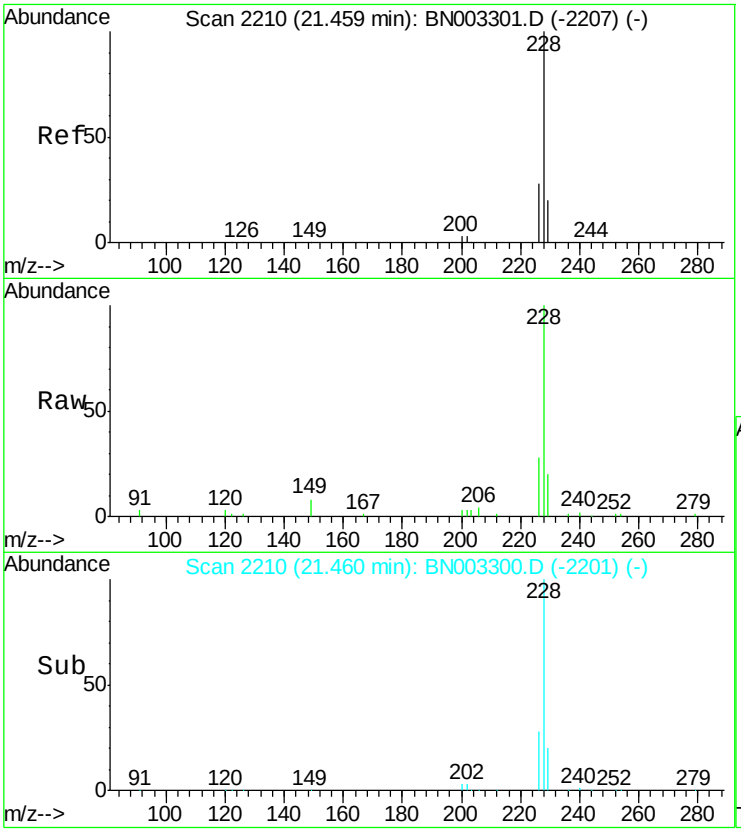


#30
Benzo(a)anthracene
Concen: 0.222 ng
RT: 21.41 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:228 Resp: 43225

Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.8	31.2
229	20.3	16.1	24.1



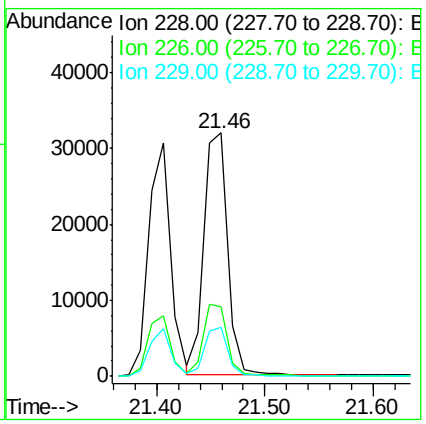


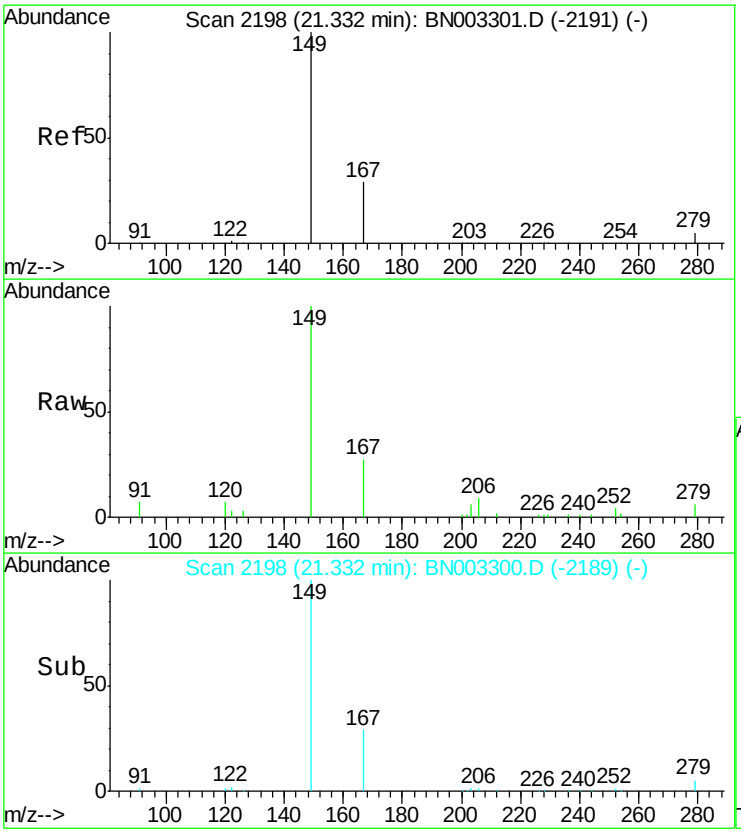
#31
Chrysene
Concen: 0.178 ng
RT: 21.46 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 48485

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.0	16.0	24.0

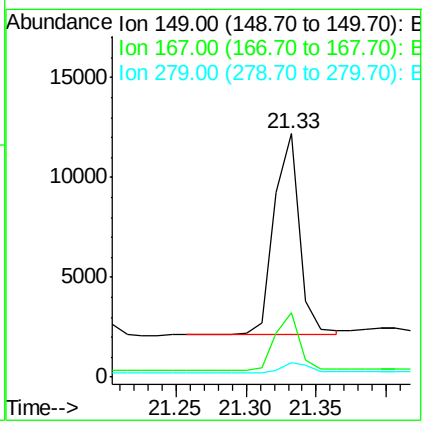


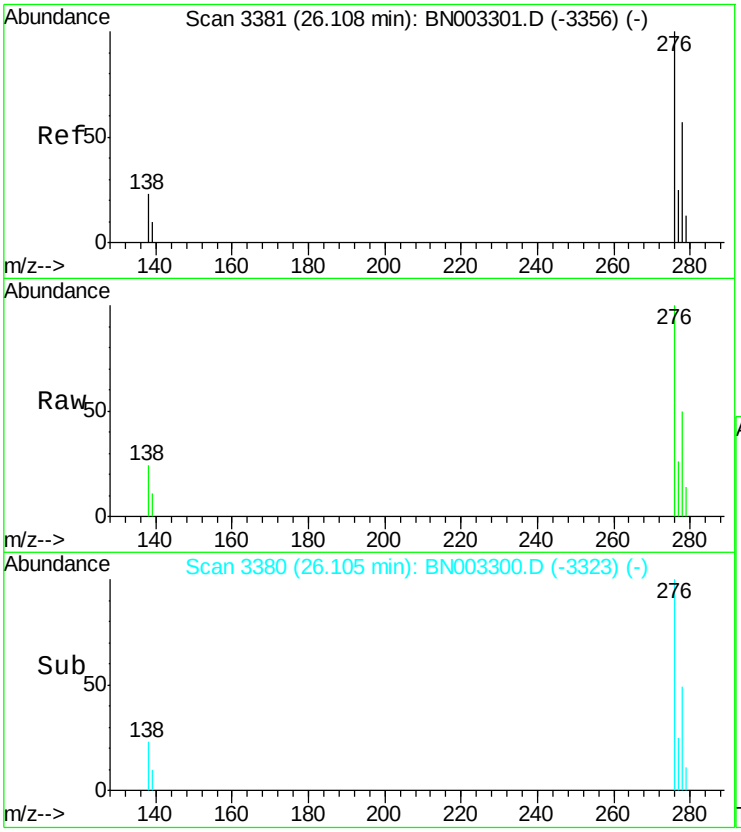


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.33 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:149 Resp: 12908

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.2	3.9	5.9



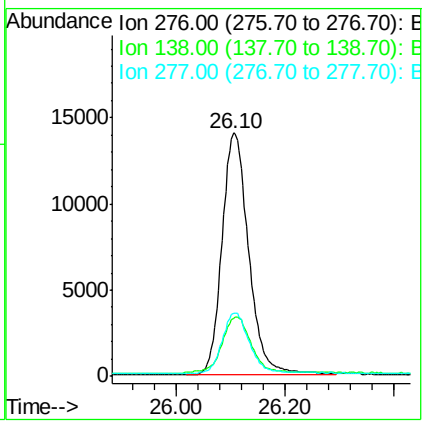


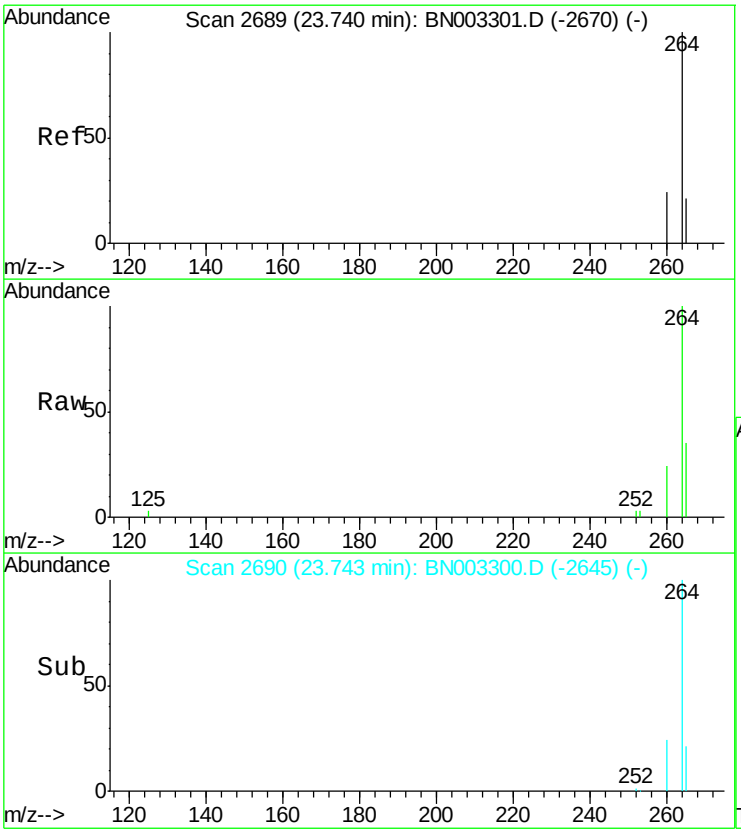
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.205 ng
RT: 26.10 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 47978

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.6	30.8
277	25.1	20.0	30.0

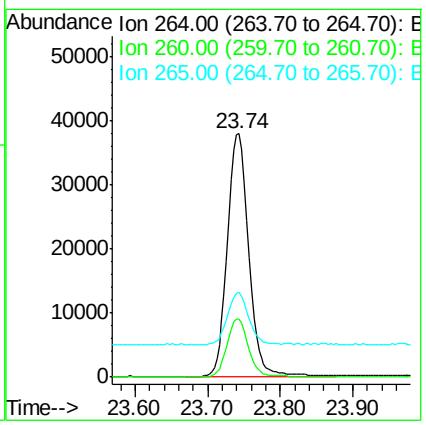


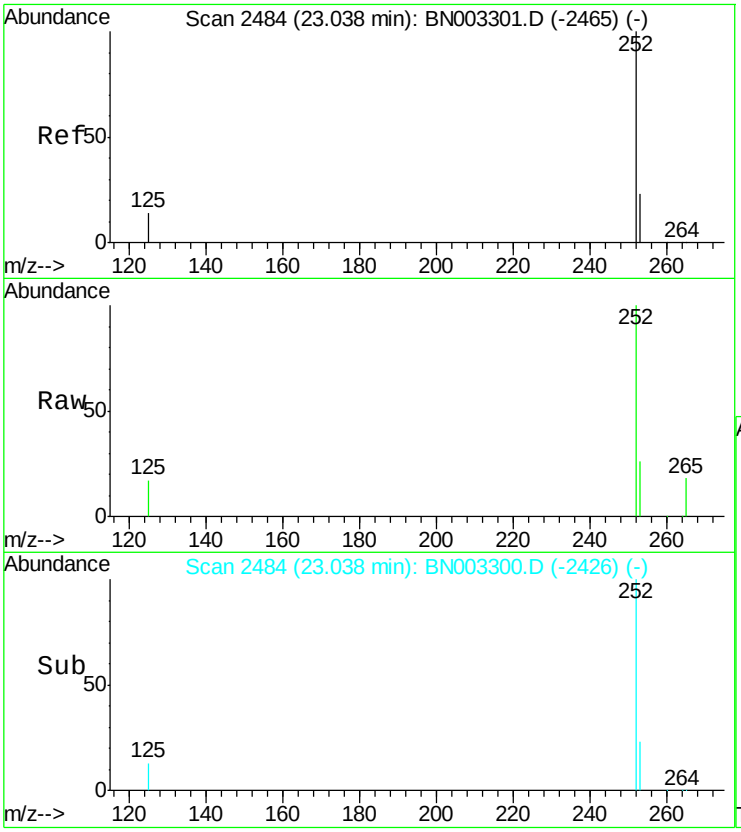


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2690
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:264 Resp: 76451

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	34.6	26.4	39.6



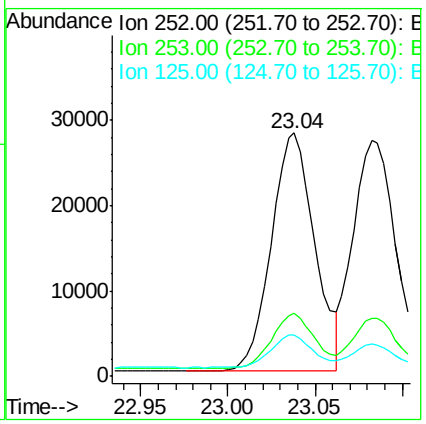


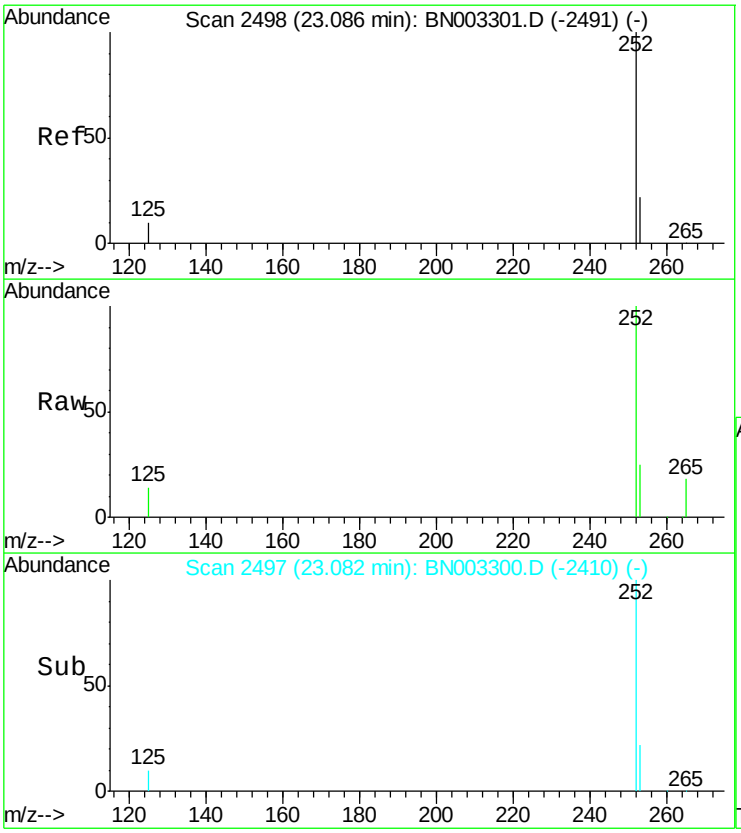
#35
Benzo(b)fluoranthene
Concen: 0.236 ng
RT: 23.04 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 48494

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.3	28.9
125	16.8	12.7	19.1

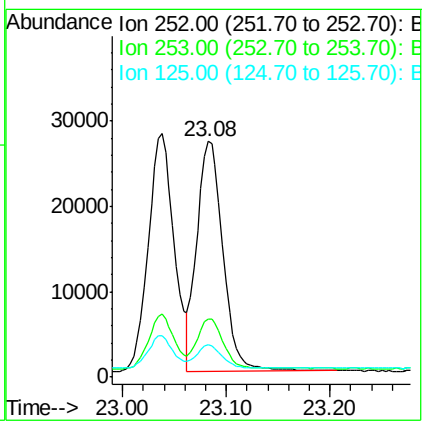


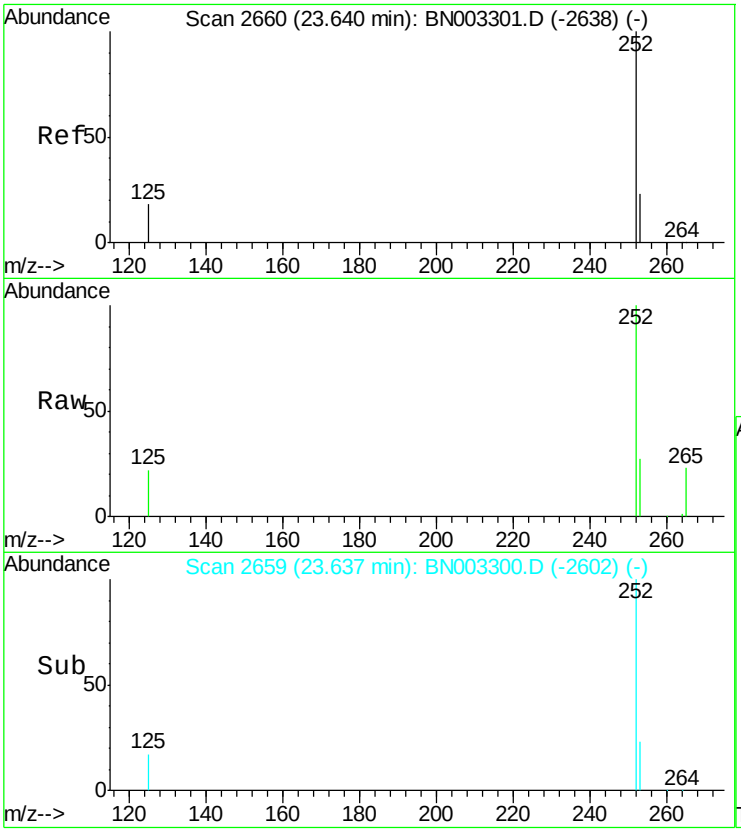


#36
Benzo(k)fluoranthene
Concen: 0.189 ng
RT: 23.08 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:252 Resp: 47104

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	13.6	9.1	13.7



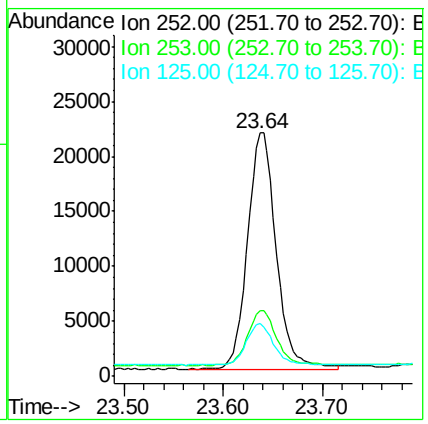


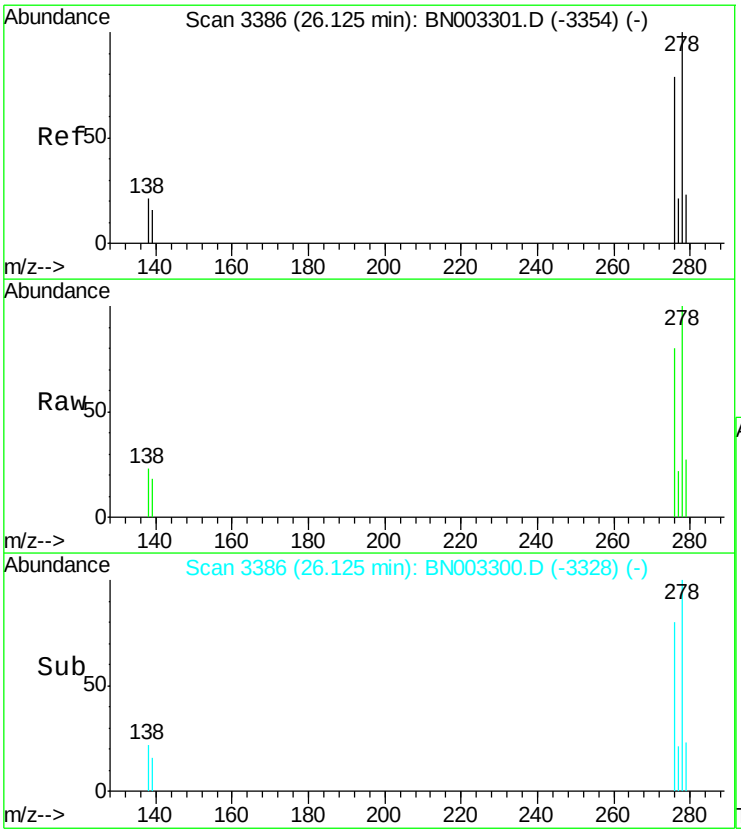
#37
Benzo(a)pyrene
Concen: 0.201 ng
RT: 23.64 min Scan# 2659
Delta R.T. -0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 43336

Ion	Ratio	Lower	Upper
252	100		
253	27.0	20.1	30.1
125	21.7	16.0	24.0

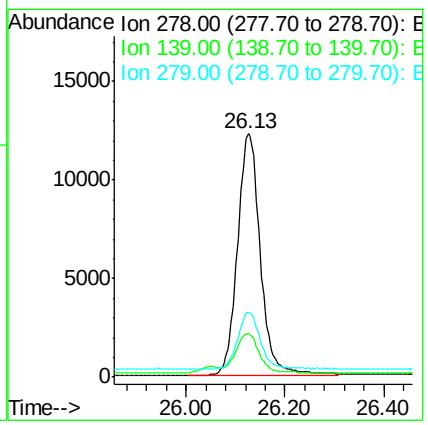


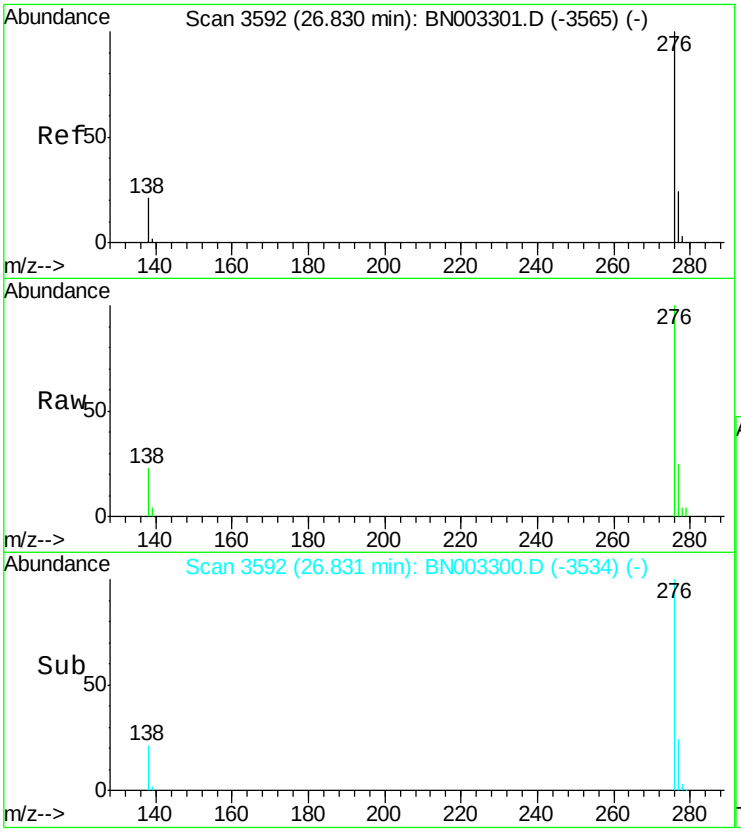


#38
Dibenzo(a,h)anthracene
Concen: 0.209 ng
RT: 26.13 min Scan# 3386
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Tgt Ion:278 Resp: 39087

Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.5	20.3
279	26.7	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.210 ng
RT: 26.83 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BN003300.D
Acq: 26 Oct 2018 12:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 40125

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.5	29.3
138	22.8	17.4	26.2