Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
Data File : BN003305.D
Acq On : 26 Oct 2018 15:21
Operator : MJ/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN102618

Quant Time: Oct 26 15:59:19 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	7.87	152	12527	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	52810	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	30442	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	74169	0.40	ng		0.00
27) Chrysene-d12	21.42	240	87594	0.40	ng		0.00
34) Perylene-d12	23.74	264	82236	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	11774	0.38	ng		0.00
5) Phenol-d6	7.02	99	14696	0.38	ng		0.00
8) Nitrobenzene-d5	9.02	82	9151	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	32763	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	4044	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	50223	0.38	ng		0.00
25) Fluoranthene-d10	19.27	212	80313	0.37	ng		0.00
29) Terphenyl-d14	19.87	244	74042	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	6002	0.370	ng		99
3) n-Nitrosodimethylamine	3.69	42	2703	0.362	ng	#	98
6) bis(2-Chloroethyl)ether	7.30	93	13949	0.399	ng		99
9) Naphthalene	10.72	128	50015	0.387	ng		100
10) Hexachlorobutadiene	10.99	225	9259	0.392	ng	#	99
12) 2-Methylnaphthalene	12.32	142	34474	0.382	ng		99
16) Acenaphthylene	14.22	152	49027	0.361	ng		100
17) Acenaphthene	14.56	154	36052	0.383	ng		100
18) Fluorene	15.55	166	45214	0.384	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	16326	0.380	ng	#	72
21) Hexachlorobenzene	16.54	284	17696	0.391	ng		100
22) Pentachlorophenol	16.88	266	4573	0.373	ng		99
23) Phenanthrene	17.28	178	77535	0.381	ng		100
24) Anthracene	17.38	178	62587	0.359	ng		100
26) Fluoranthene	19.29	202	87295	0.374	ng		100
28) Pyrene	19.66	202	88655	0.366	ng		100
30) Benzo(a)anthracene	21.41	228	78671	0.343	ng		100
31) Chrysene	21.46	228	92330	0.373	ng		100
32) Bis(2-ethylhexyl)phthalate	21.33	149	21883	0.322	ng		100
33) Indeno(1,2,3-cd)pyrene	26.11	276	100787	0.393	ng		100
35) Benzo(b)fluoranthene	23.04	252	97722	0.386	ng		99
36) Benzo(k)fluoranthene	23.08	252	94373	0.371	ng		100
37) Benzo(a)pyrene	23.64	252	89130	0.382	ng		98
38) Dibenzo(a,h)anthracene	26.13	278	81846	0.376	ng		100
39) Benzo(g,h,i)perylene	26.83	276	81160	0.373	ng		100

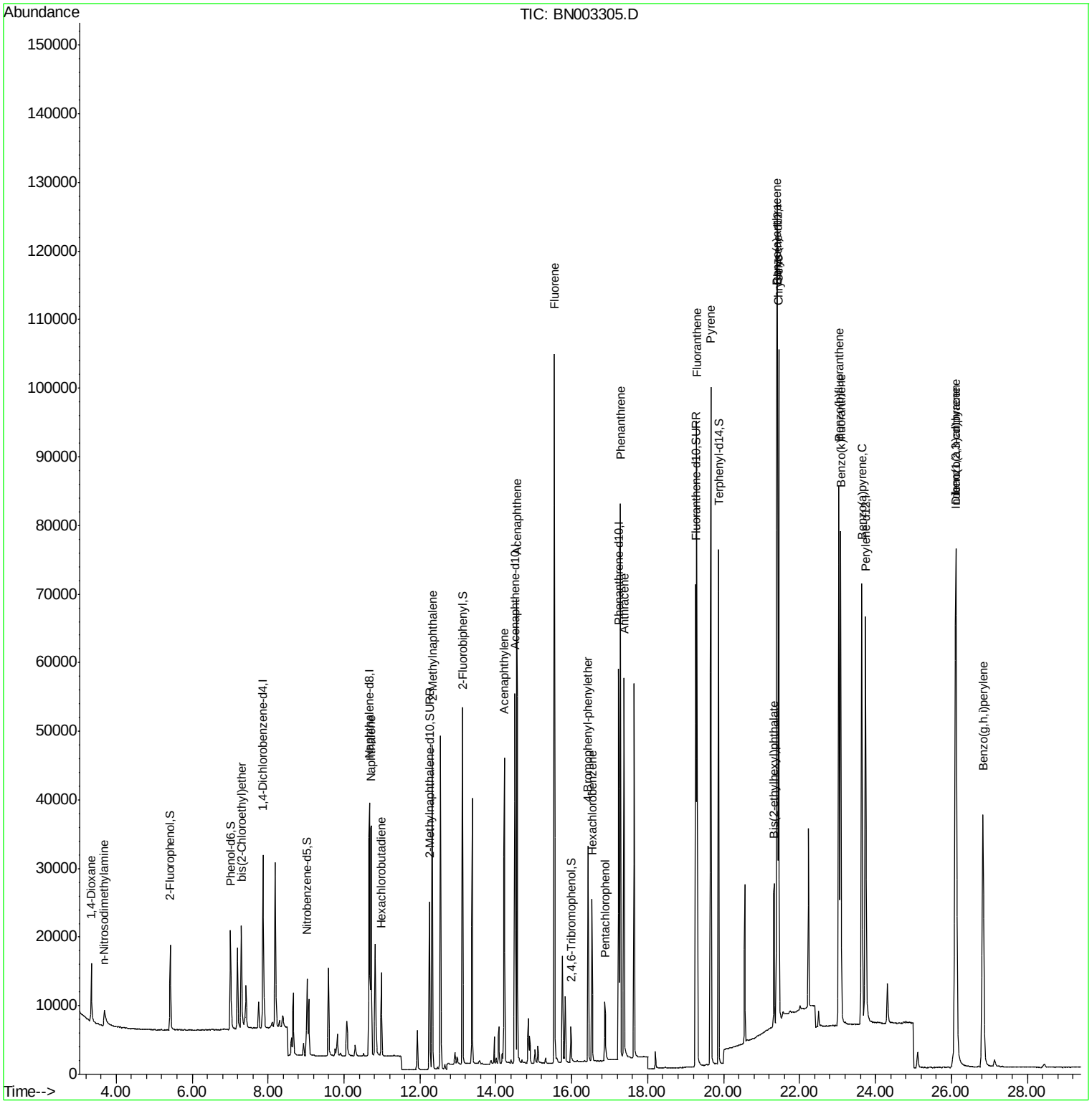
(#) = qualifier out of range (m) = manual integration (+) = signals summed

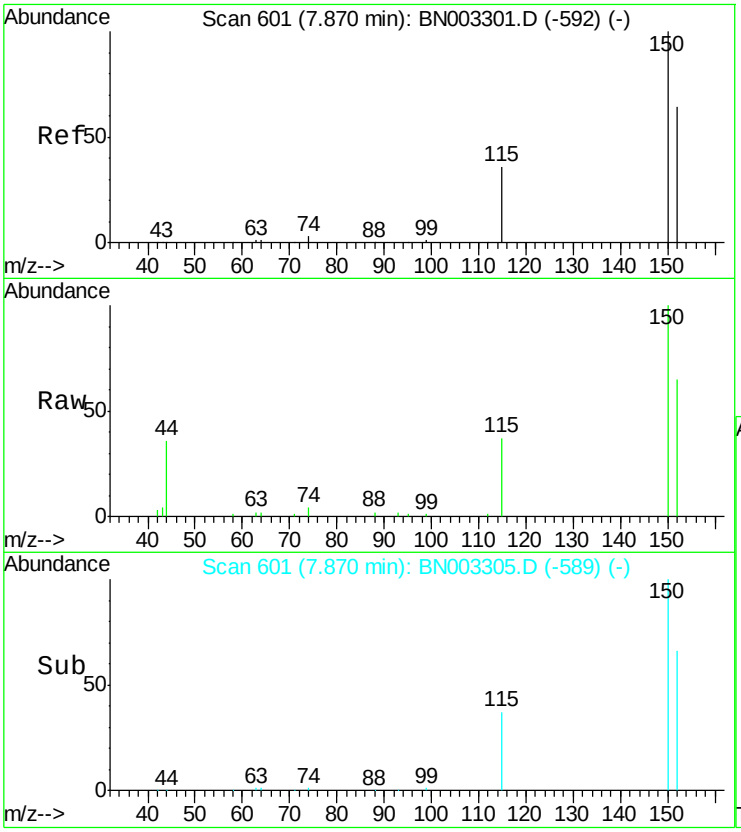
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
Data File : BN003305.D
Acq On : 26 Oct 2018 15:21
Operator : MJ/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Quant Time: Oct 26 15:59:19 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



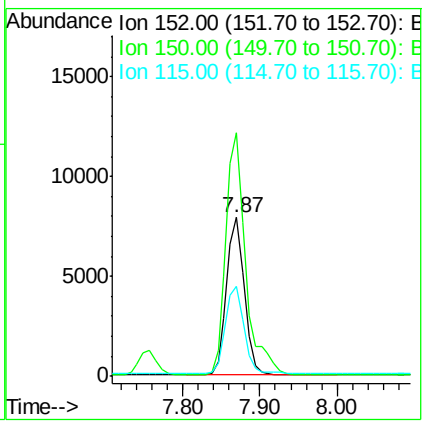


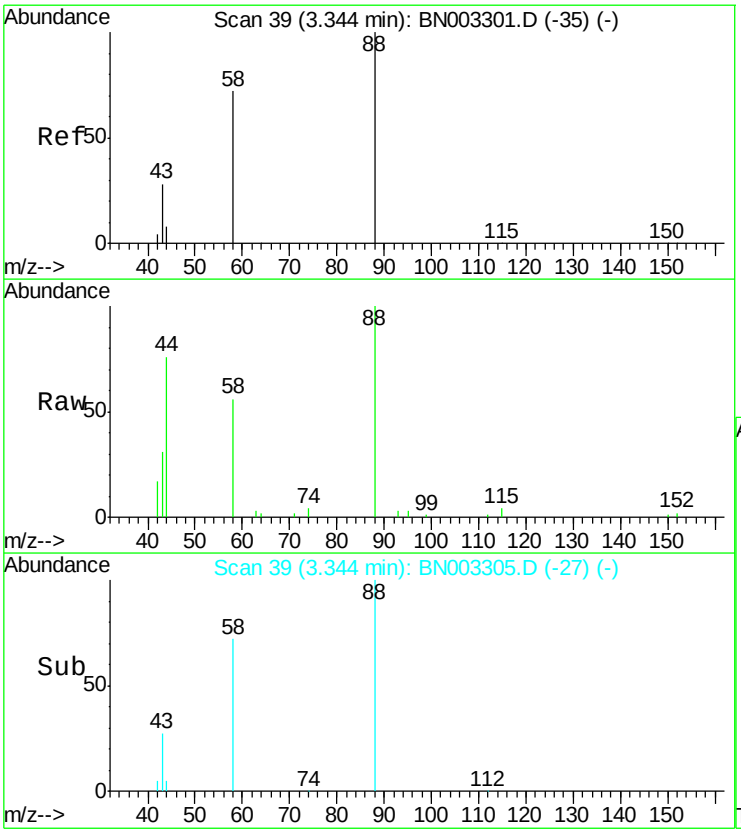
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:152 Resp: 12527

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	187.0
115	56.6	46.4	69.6

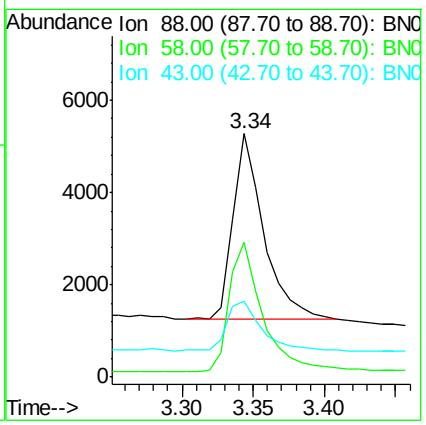


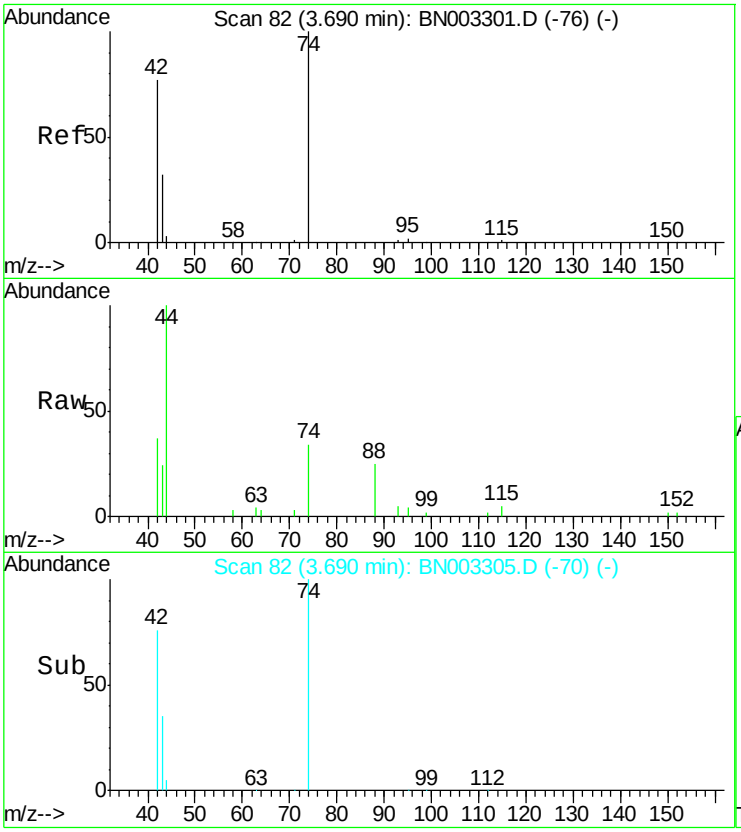


#2
1,4-Dioxane
Concen: 0.370 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion: 88 Resp: 6002

Ion	Ratio	Lower	Upper
88	100		
58	75.8	60.9	91.3
43	31.0	23.9	35.9



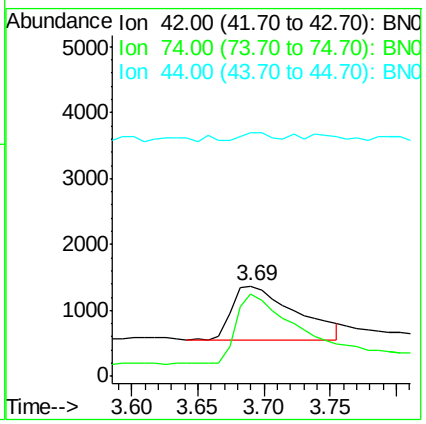


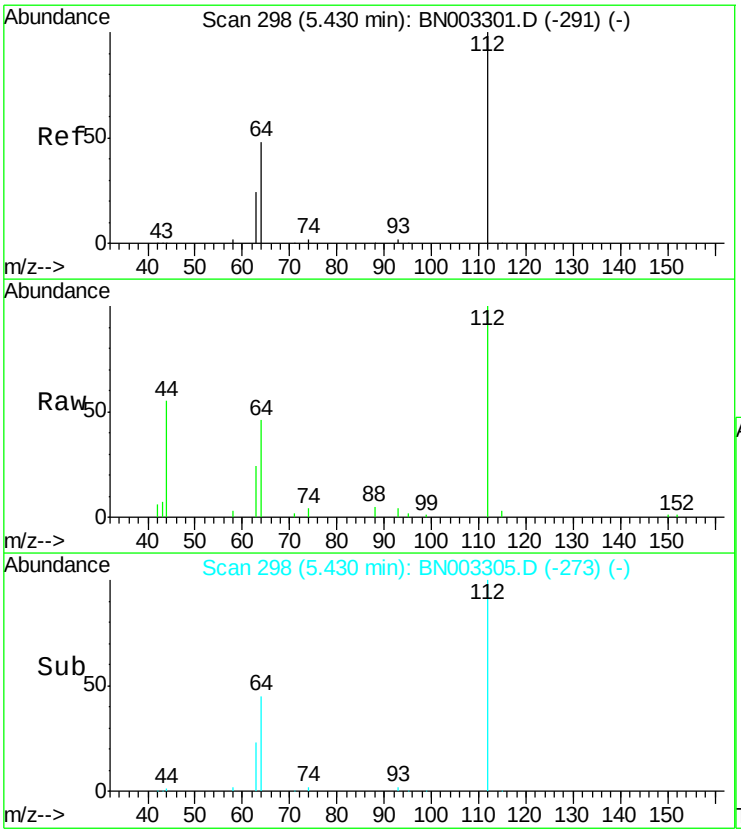
#3
n-Nitrosodimethylamine
Concen: 0.362 ng
RT: 3.69 min Scan# 82
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion: 42 Resp: 2703

Ion	Ratio	Lower	Upper
42	100		
74	126.3	99.1	148.7
44	7.0	4.2	6.4#

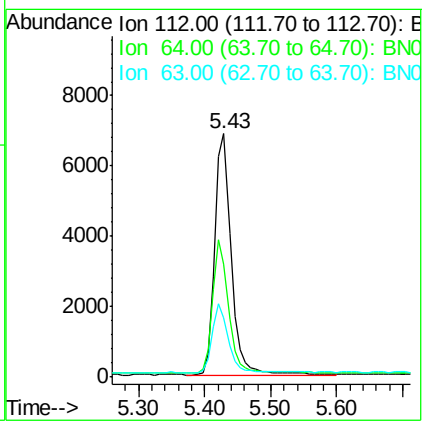


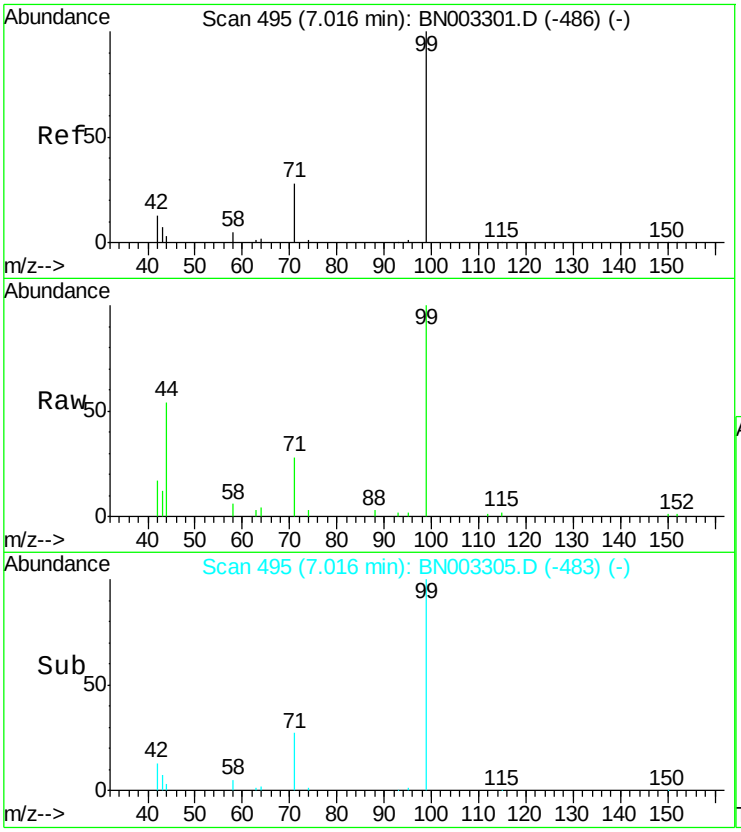


#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.43 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:112 Resp: 11774

Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.3	66.5
63	27.2	22.4	33.6



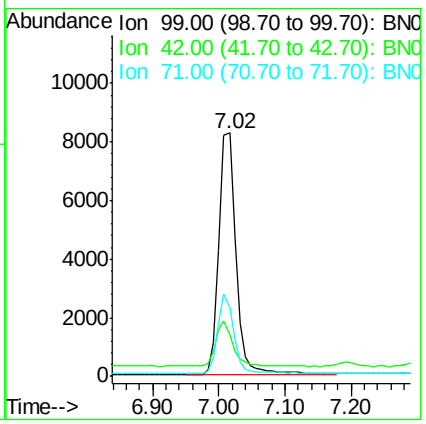


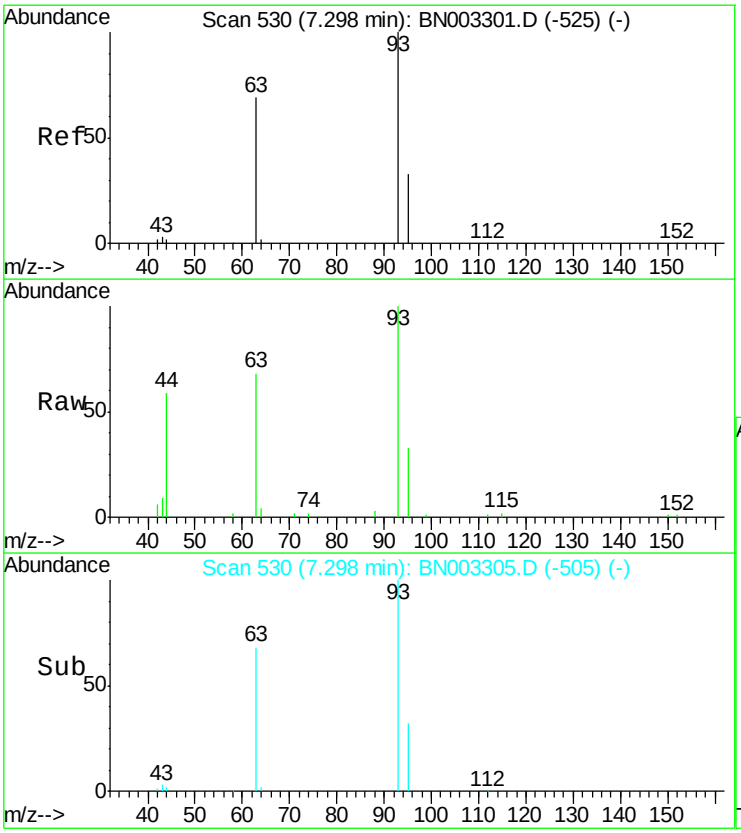
#5
Phenol-d6
Concen: 0.375 ng
RT: 7.02 min Scan# 495
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion: 99 Resp: 14696

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.8	22.2
71	30.9	24.8	37.2

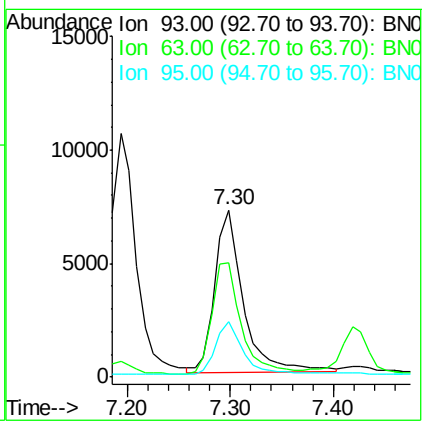


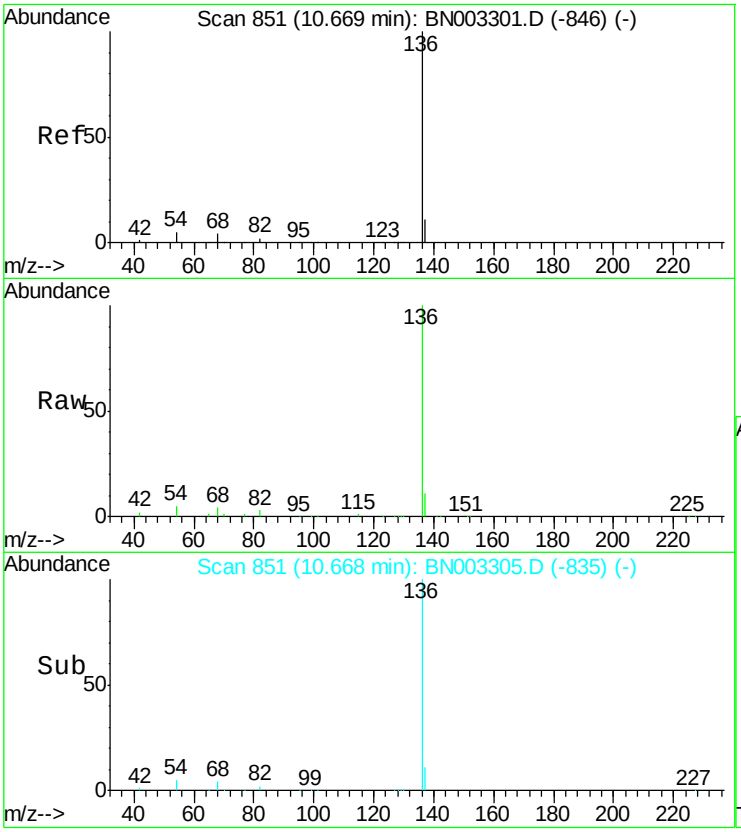


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.30 min Scan# 530
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion: 93 Resp: 13949

Ion	Ratio	Lower	Upper
93	100		
63	69.5	55.8	83.6
95	32.8	25.4	38.2



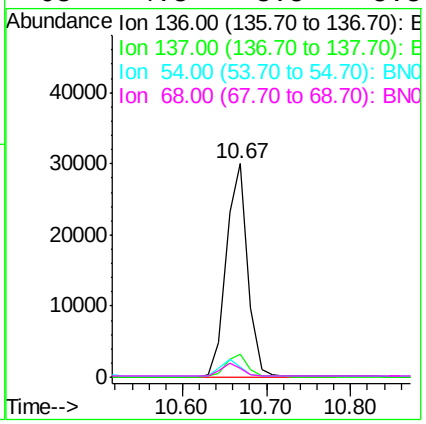


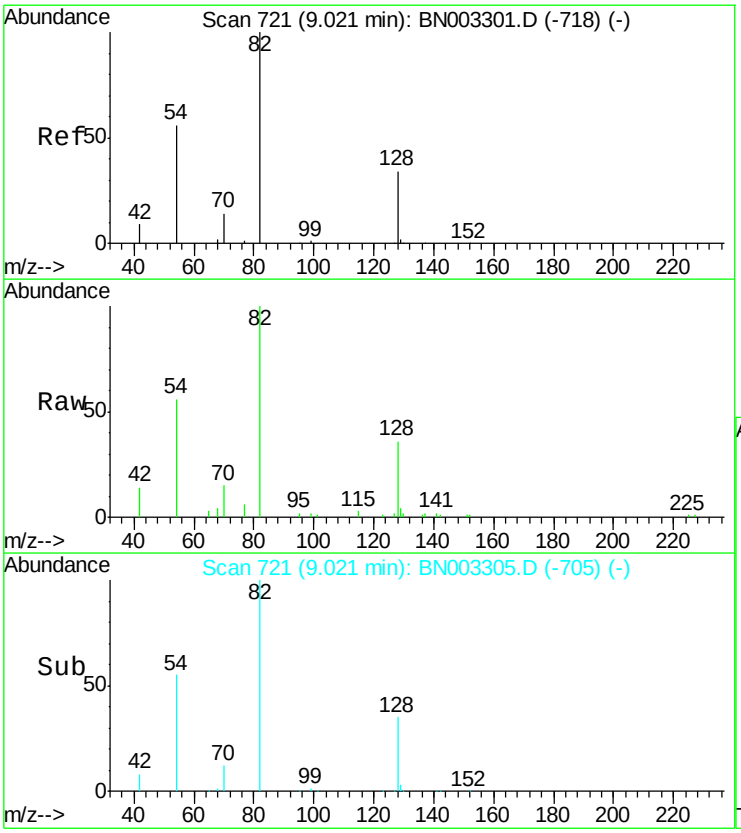
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 851
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:136 Resp: 52810

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.0	4.1	6.1
68	4.3	3.5	5.3

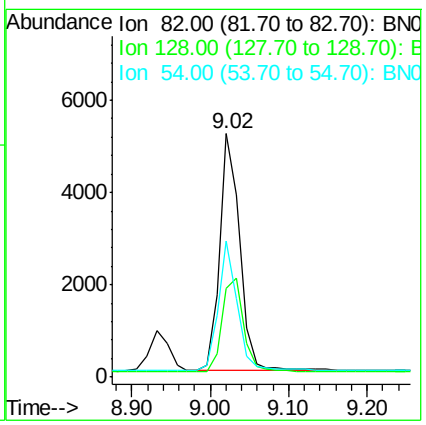


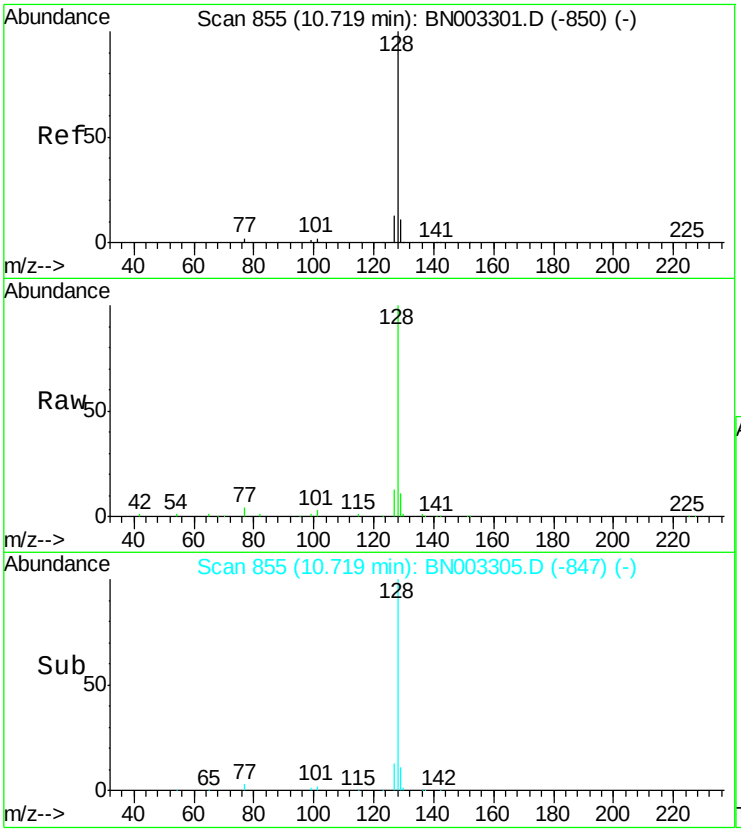


#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 9.02 min Scan# 721
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion: 82 Resp: 9151

Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.9	43.3
54	56.1	46.1	69.1



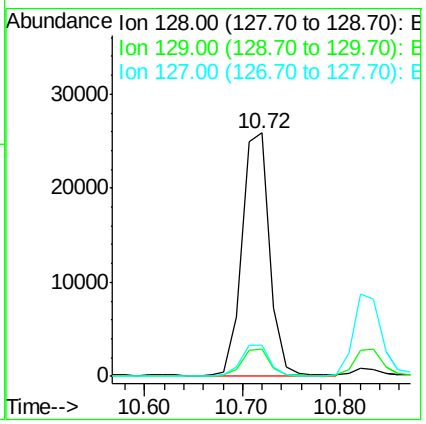


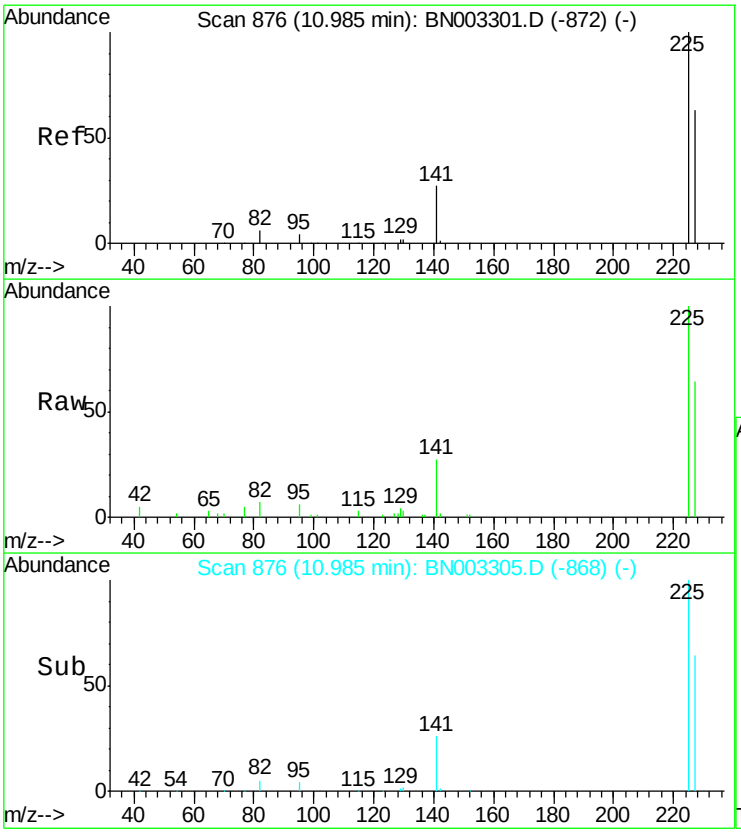
#9
Naphthalene
Concen: 0.387 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:128 Resp: 50015

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	12.8	10.2	15.4

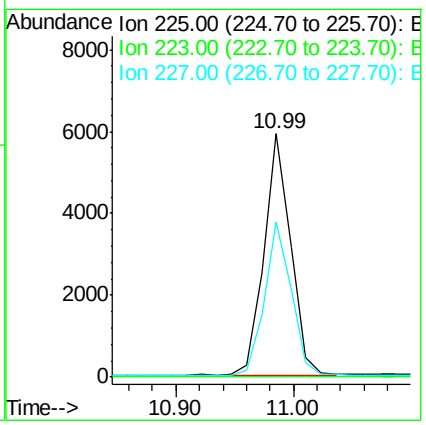


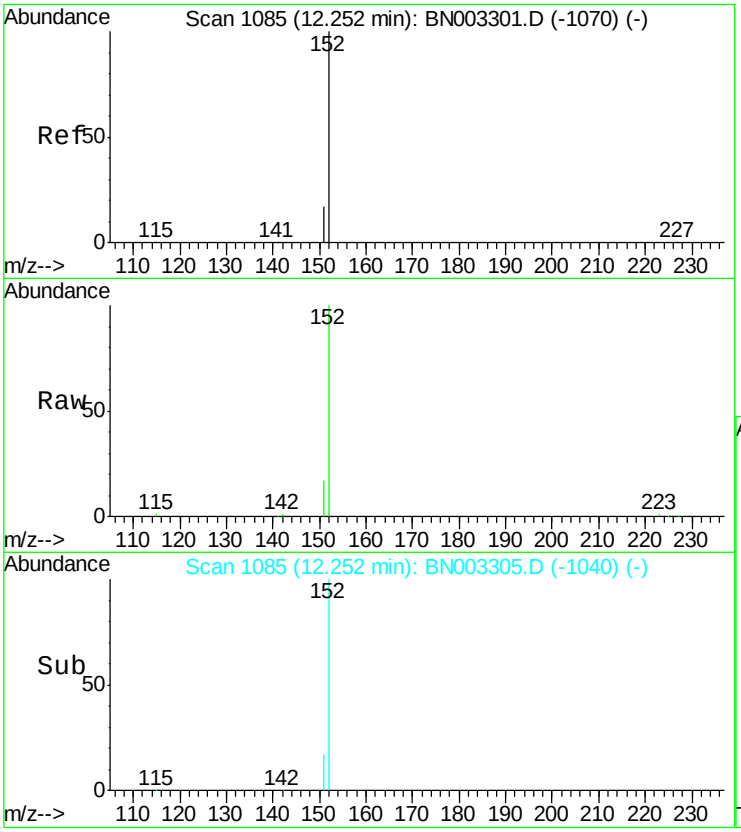


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 10.99 min Scan# 876
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:225 Resp: 9259

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.3	76.9



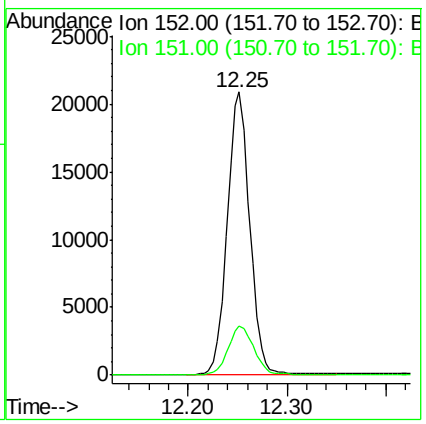


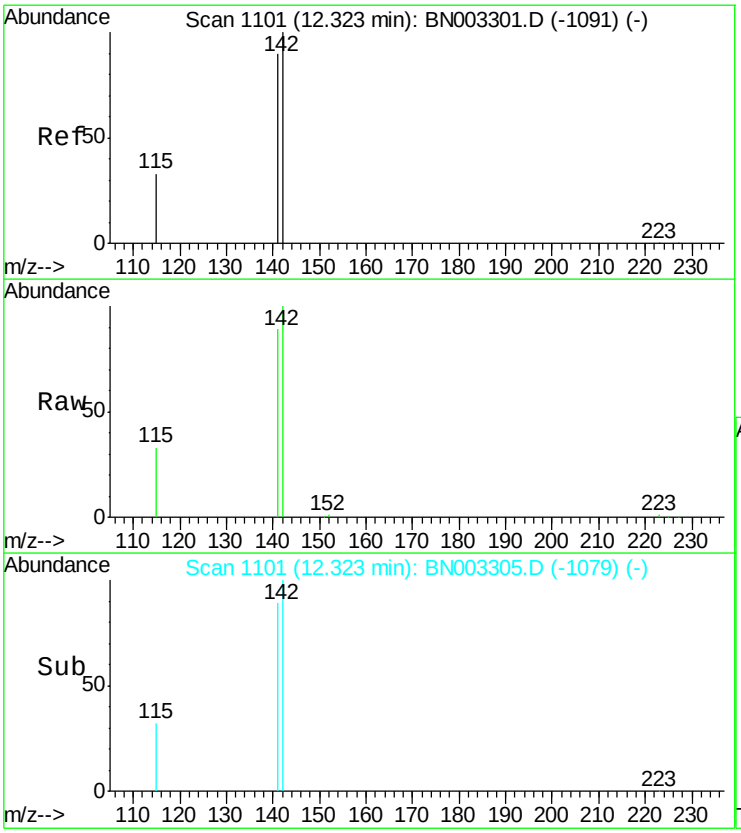
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.25 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:152 Resp: 32763

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

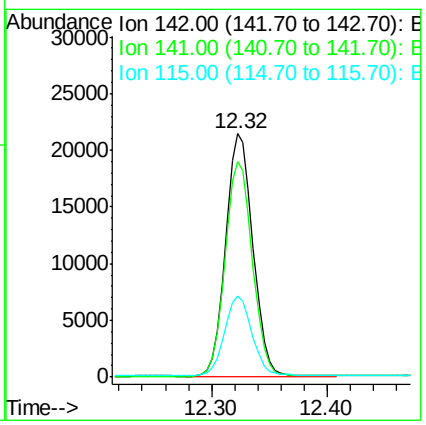


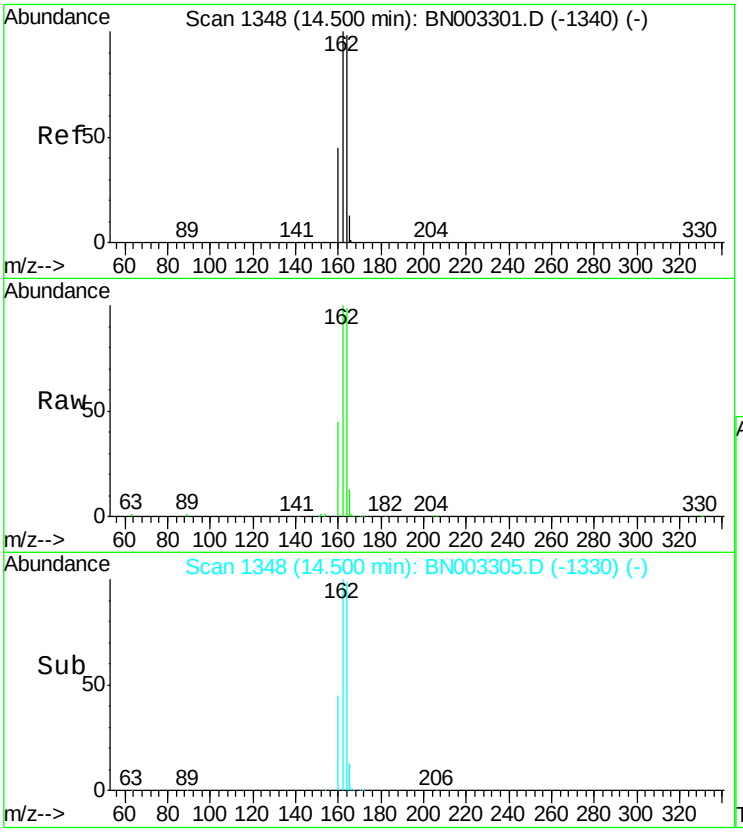


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.32 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:142 Resp: 34474

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.9	107.9
115	33.0	27.0	40.6



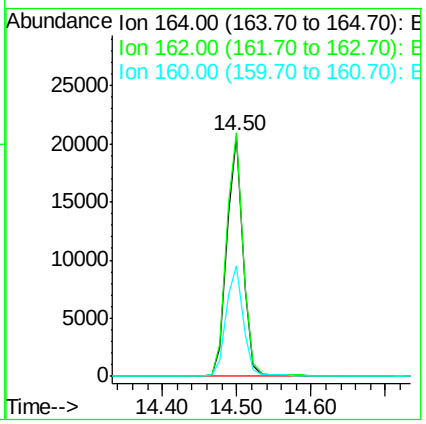


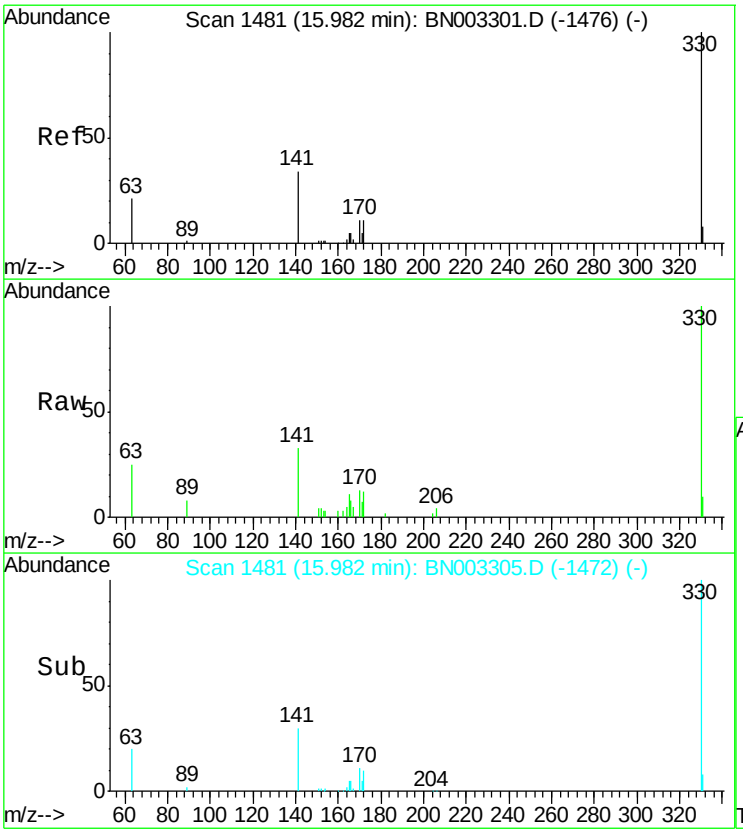
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:164 Resp: 30442

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.8	122.6
160	46.0	37.2	55.8

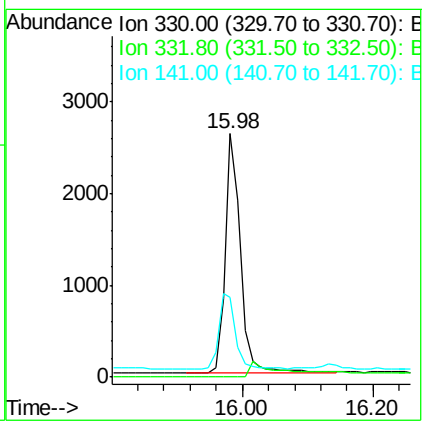


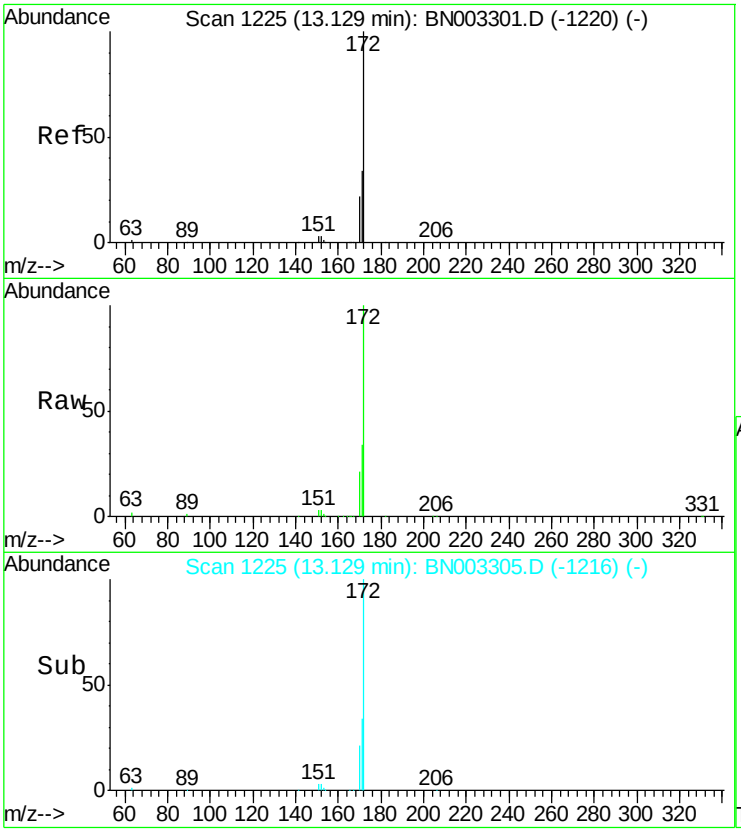


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:330 Resp: 4044

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.1	28.3	42.5



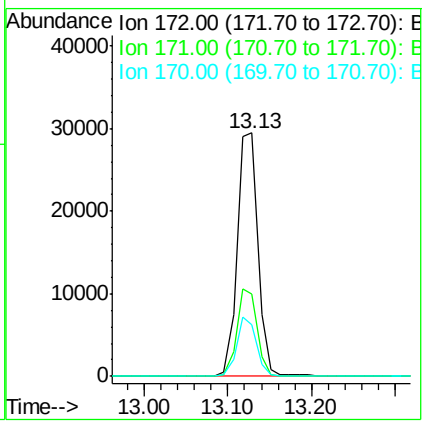


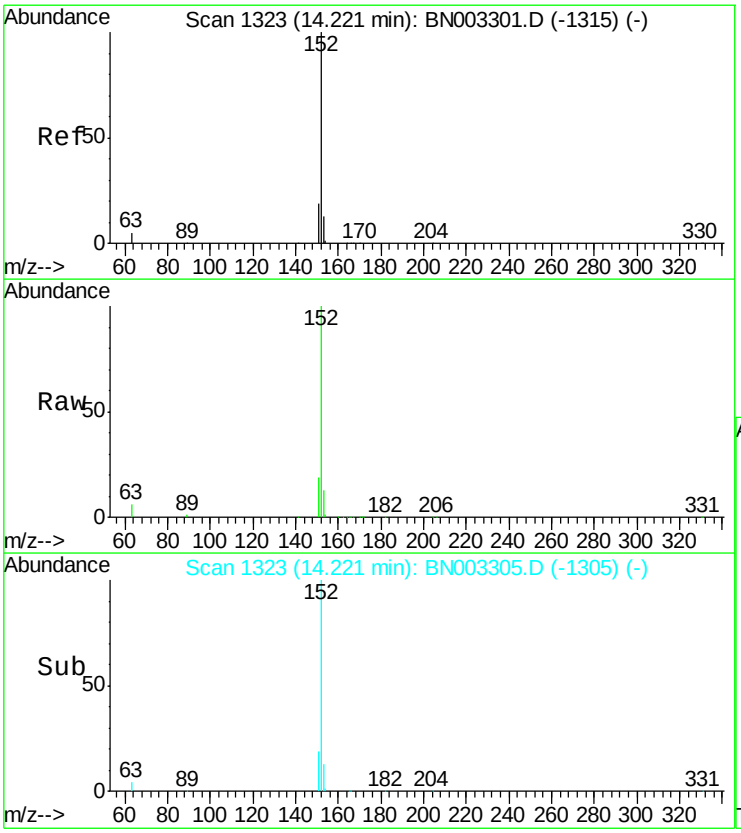
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.13 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:172 Resp: 50223

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.1	40.7
170	21.4	17.4	26.0

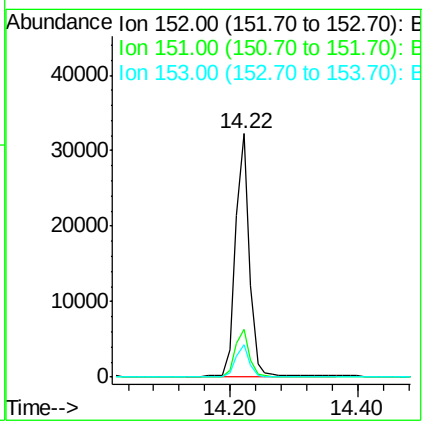


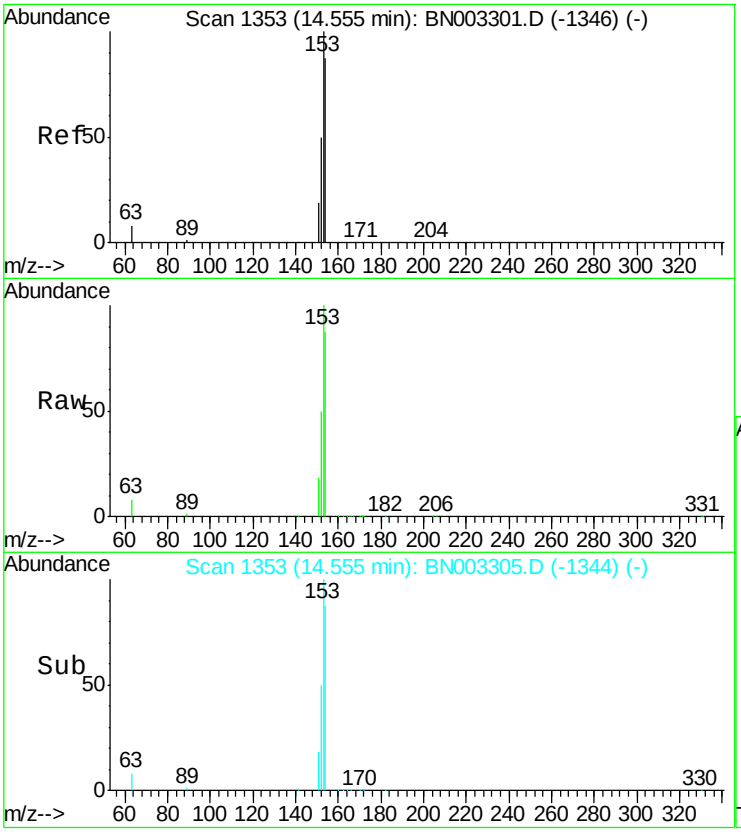


#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:152 Resp: 49027

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8



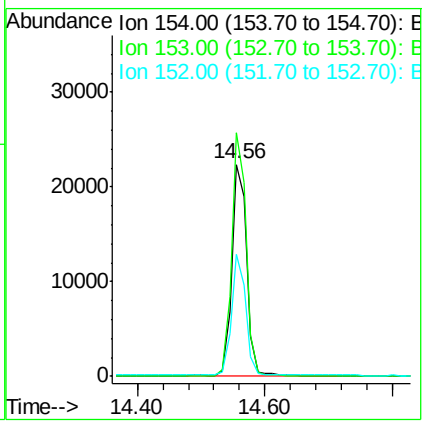


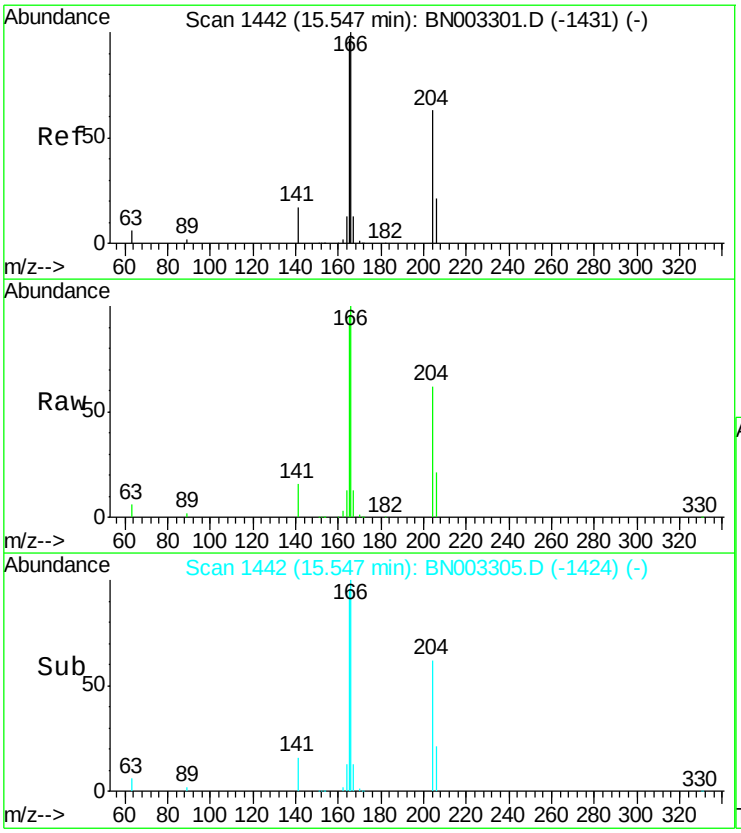
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.56 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:154 Resp: 36052

Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.9	133.3
152	54.8	43.5	65.3

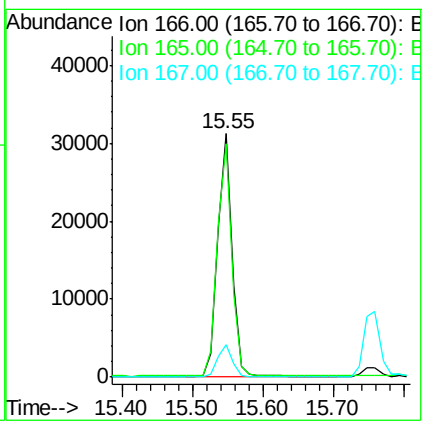


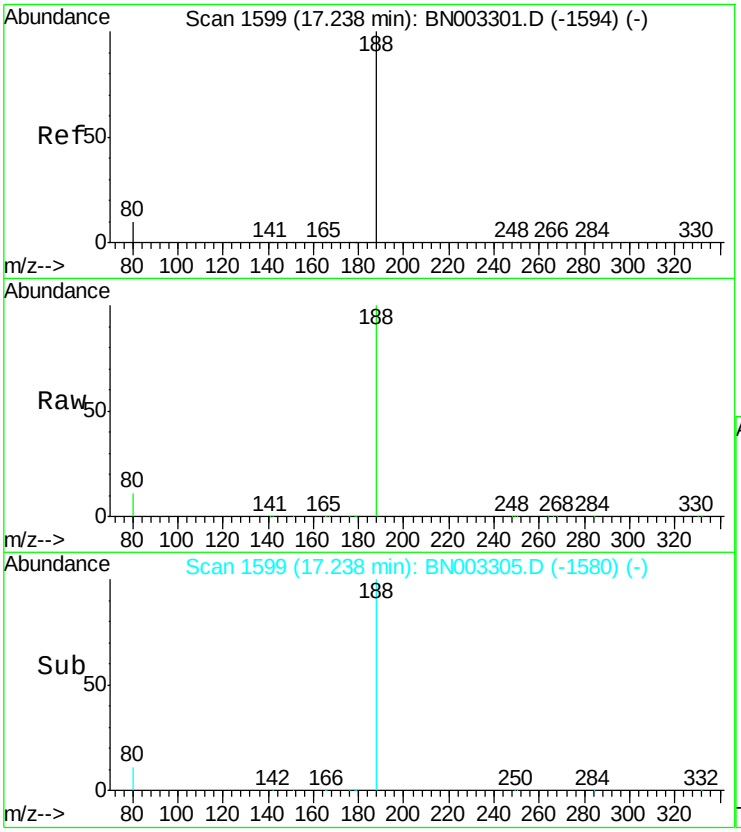


#18
Fluorene
Concen: 0.384 ng
RT: 15.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:166 Resp: 45214

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.8	116.8
167	13.4	10.9	16.3



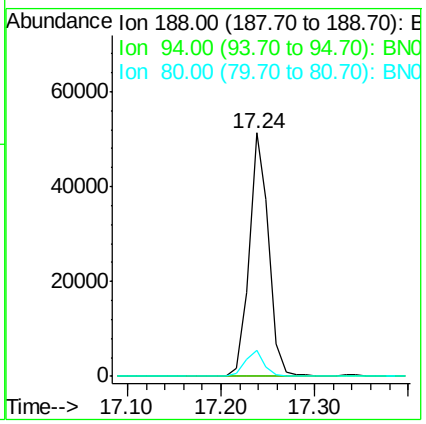


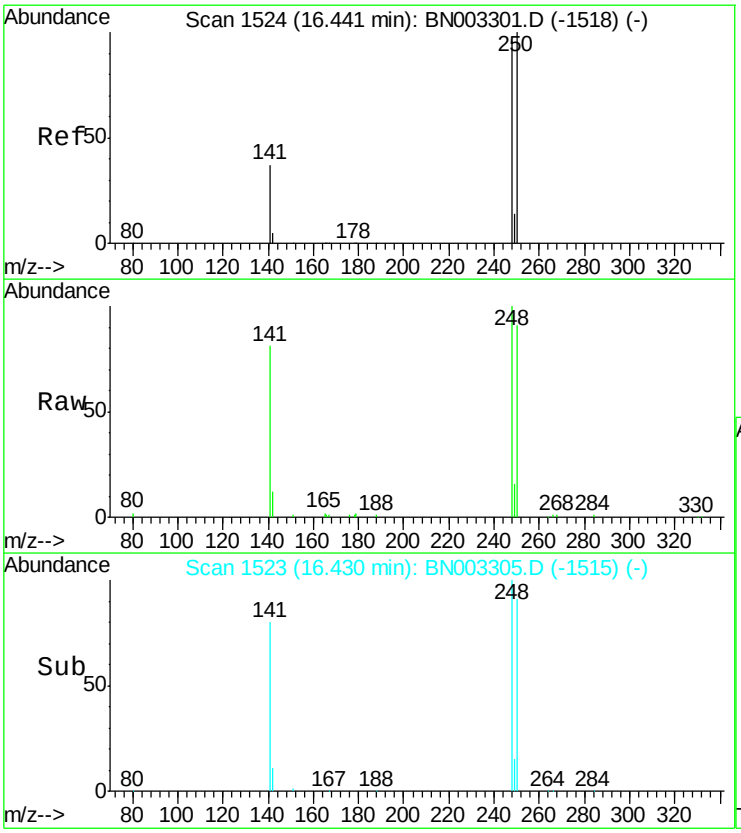
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:188 Resp: 74169

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	8.6	12.8

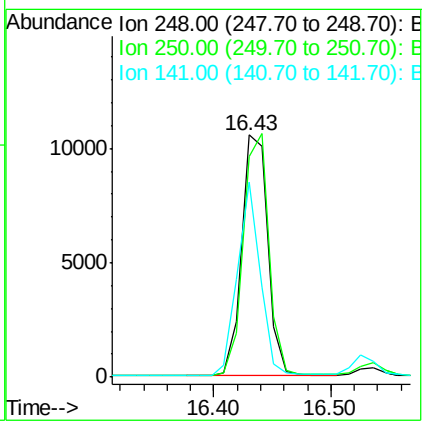


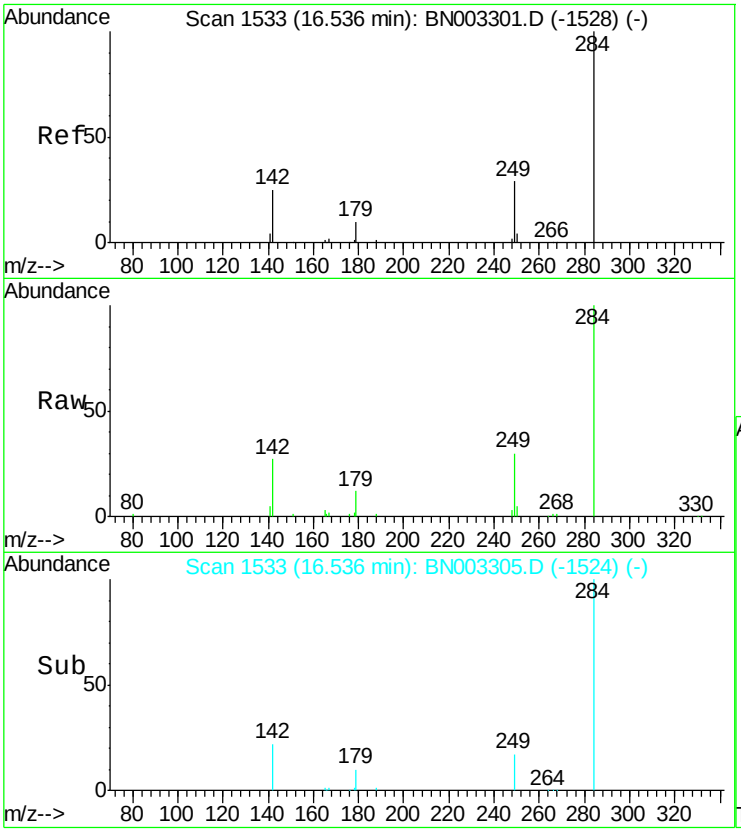


#20
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:248 Resp: 16326

Ion	Ratio	Lower	Upper
248	100		
250	91.1	83.7	125.5
141	80.7	31.4	47.0#



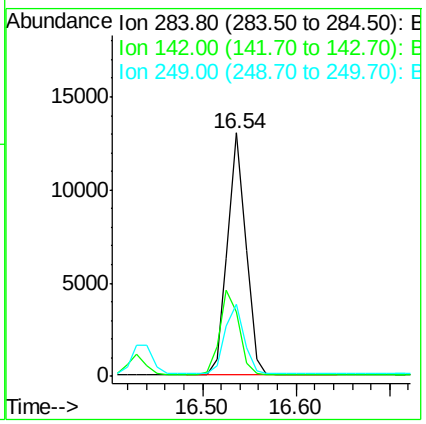


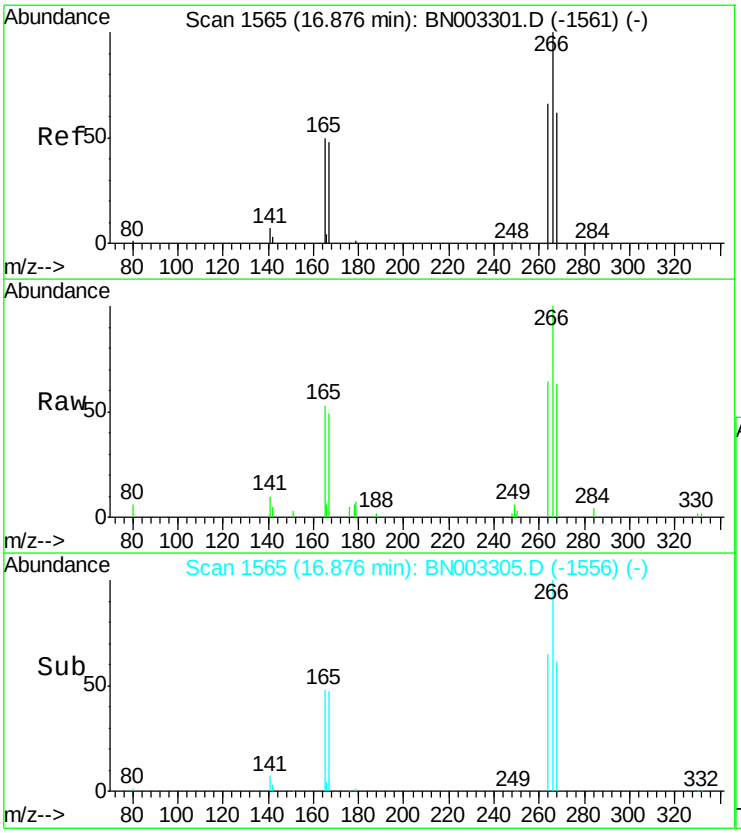
#21
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.54 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:284 Resp: 17696

Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.7	44.5
249	30.1	24.0	36.0

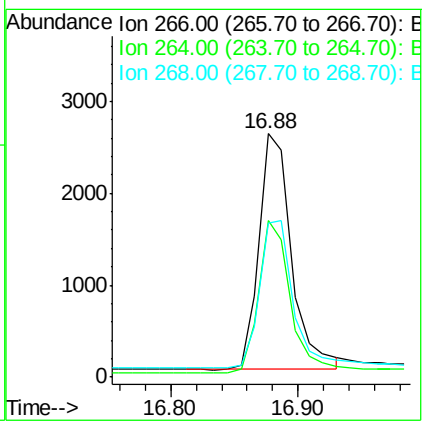


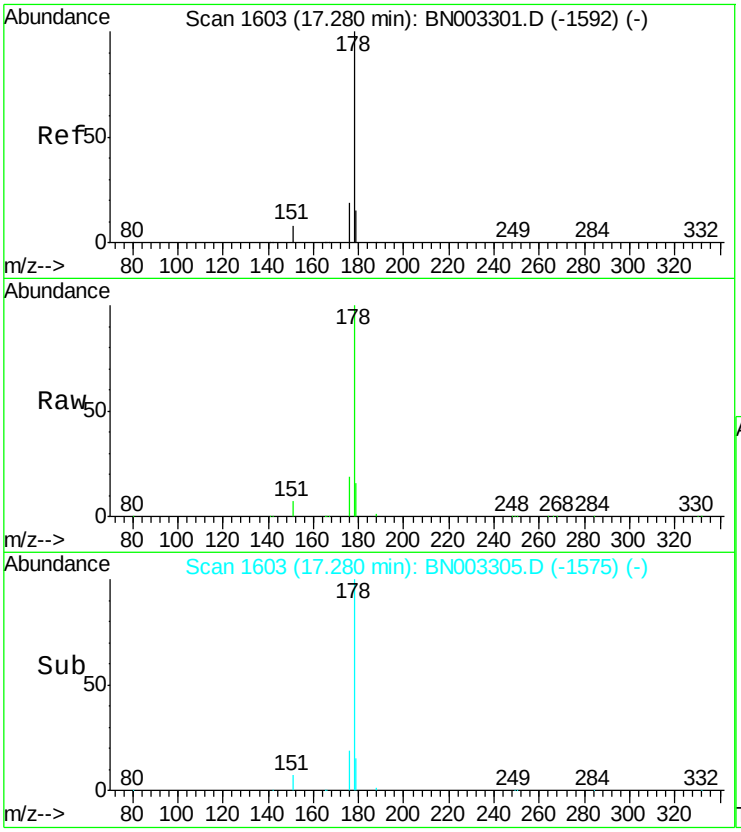


#22
Pentachlorophenol
Concen: 0.373 ng
RT: 16.88 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:266 Resp: 4573

Ion	Ratio	Lower	Upper
266	100		
264	64.3	52.1	78.1
268	63.4	51.8	77.6



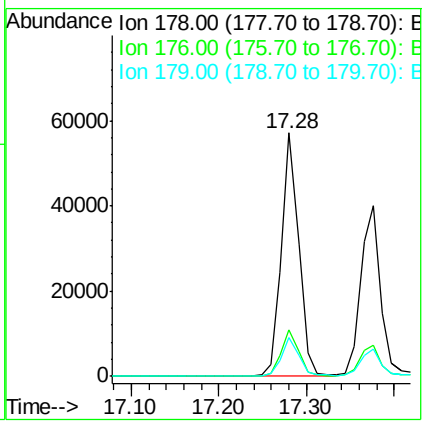


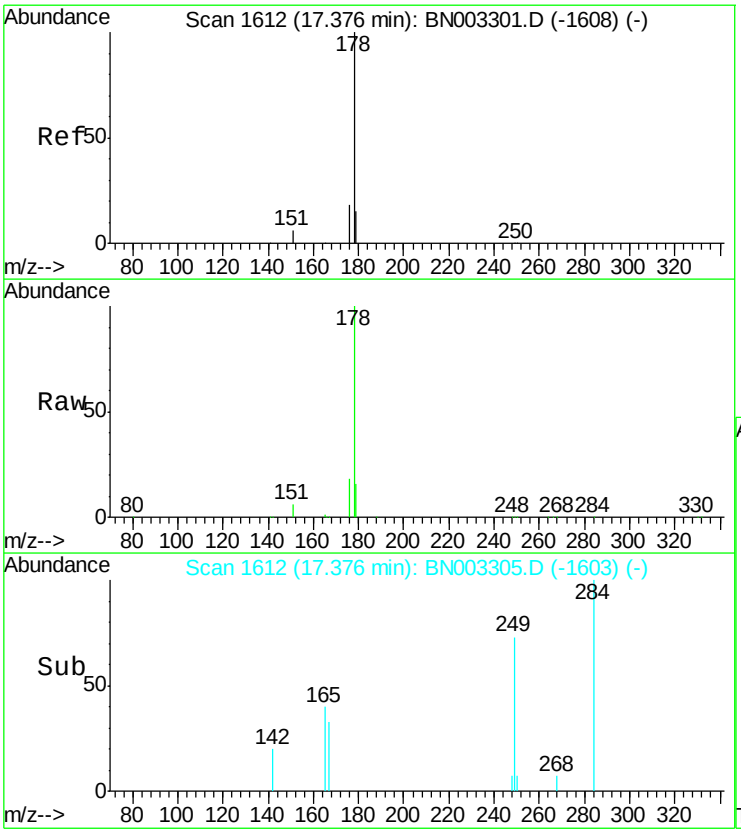
#23
Phenanthrene
Concen: 0.381 ng
RT: 17.28 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:178 Resp: 77535

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.5	12.4	18.6

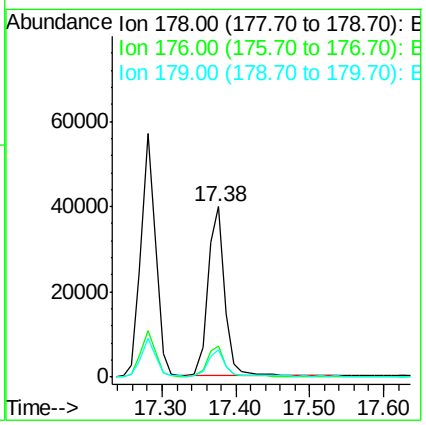


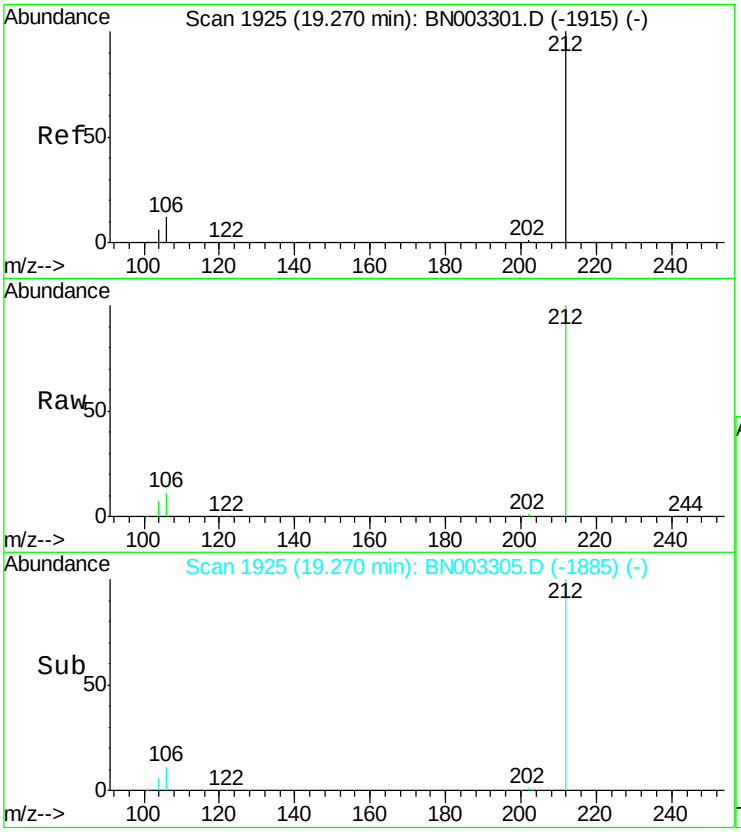


#24
Anthracene
Concen: 0.359 ng
RT: 17.38 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:178 Resp: 62587

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.3	12.2	18.4



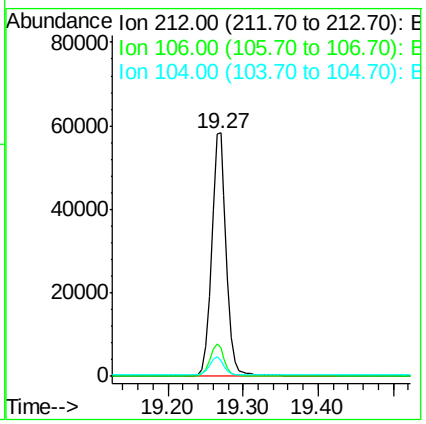


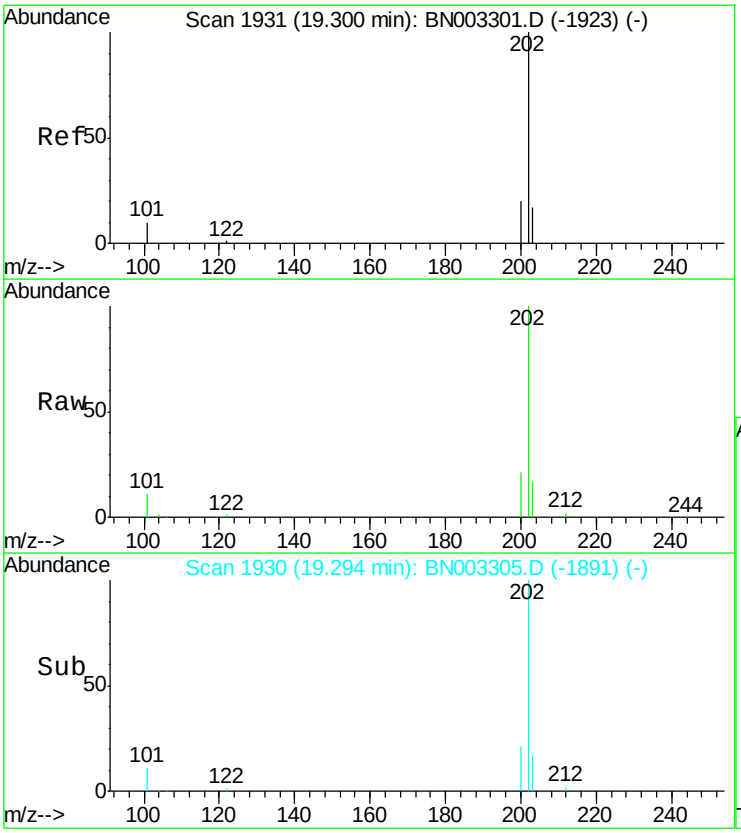
#25
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.27 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:212 Resp: 80313

Ion	Ratio	Lower	Upper
212	100		
106	12.8	10.3	15.5
104	7.1	5.6	8.4

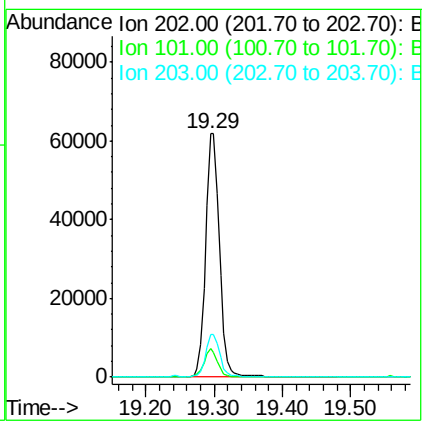


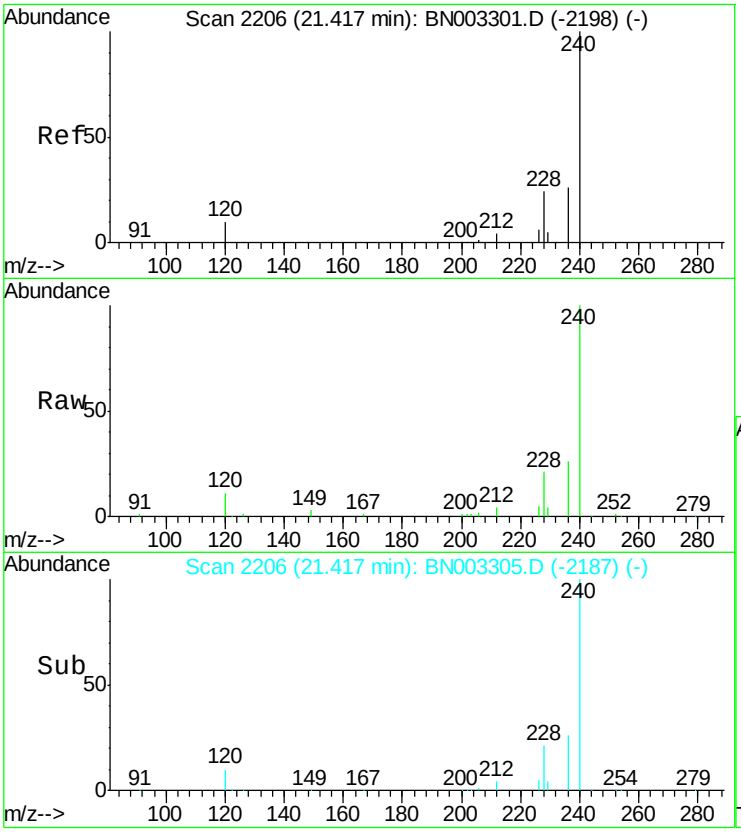


#26
Fluoranthene
Concen: 0.374 ng
RT: 19.29 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:202 Resp: 87295

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



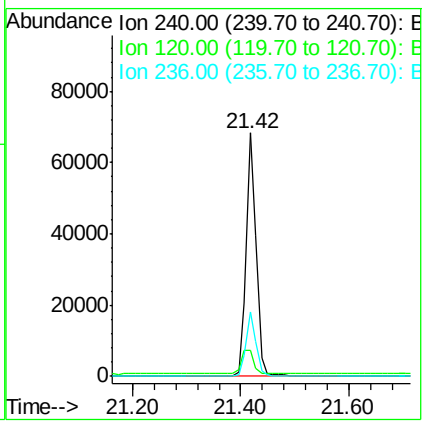


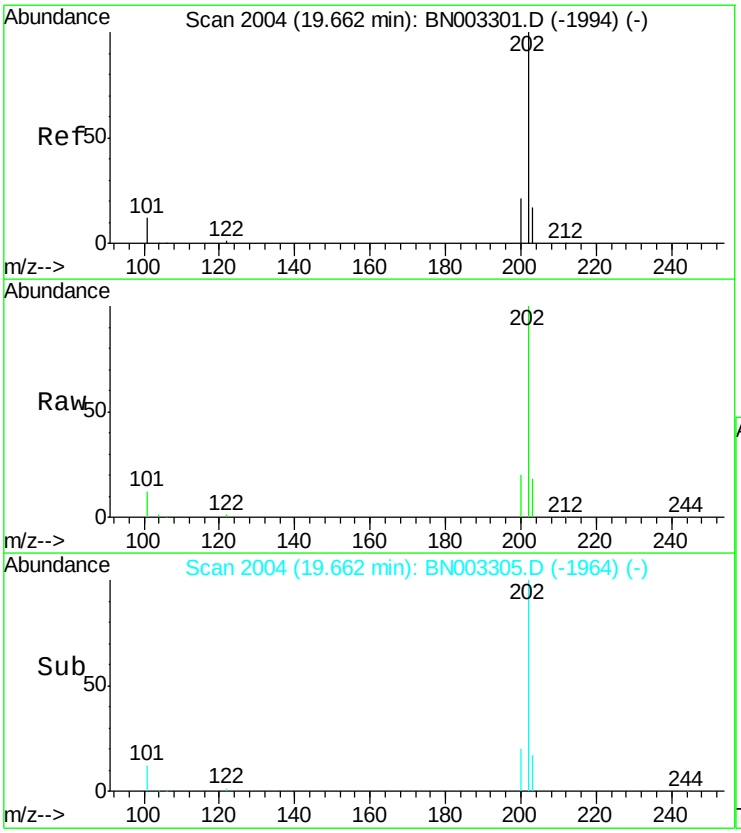
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:240 Resp: 87594

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.3	13.9
236	26.2	21.0	31.4

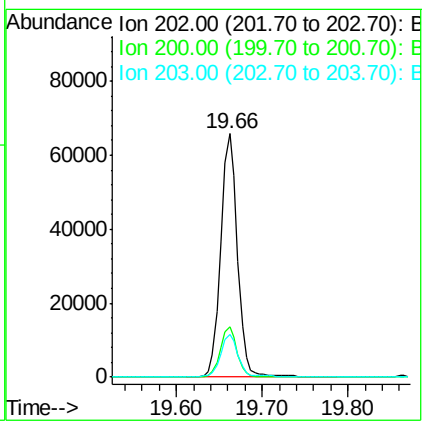


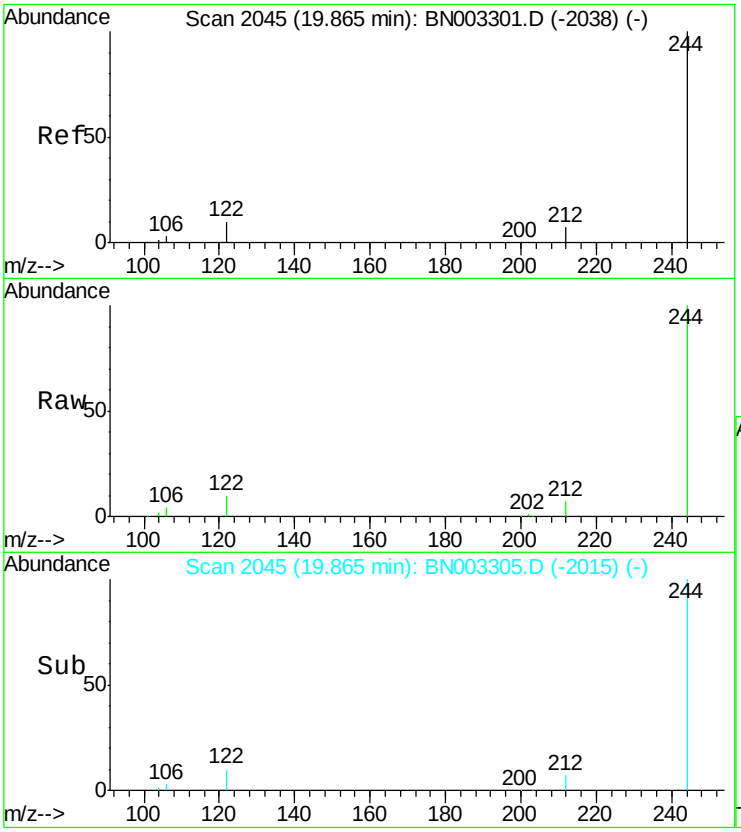


#28
Pyrene
Concen: 0.366 ng
RT: 19.66 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:202 Resp: 88655

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	13.9	20.9



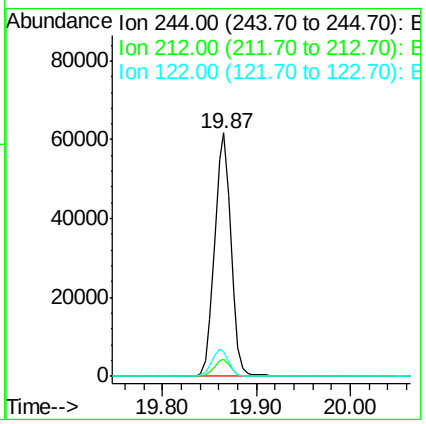


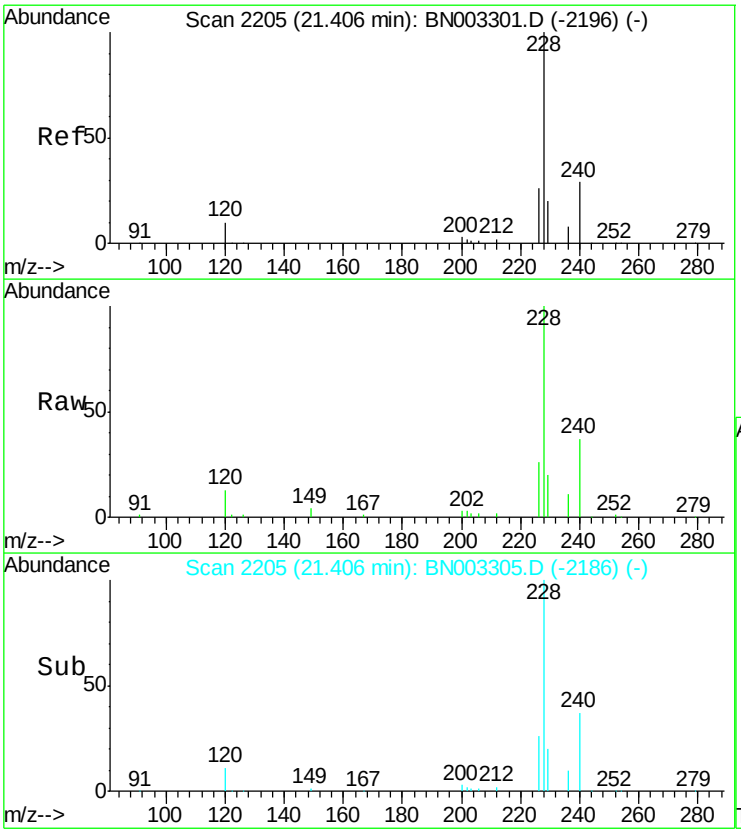
#29
Terphenyl-d14
Concen: 0.363 ng
RT: 19.87 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:244 Resp: 74042

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.2	8.5	12.7

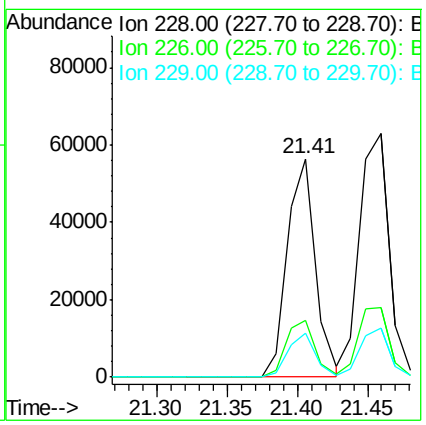


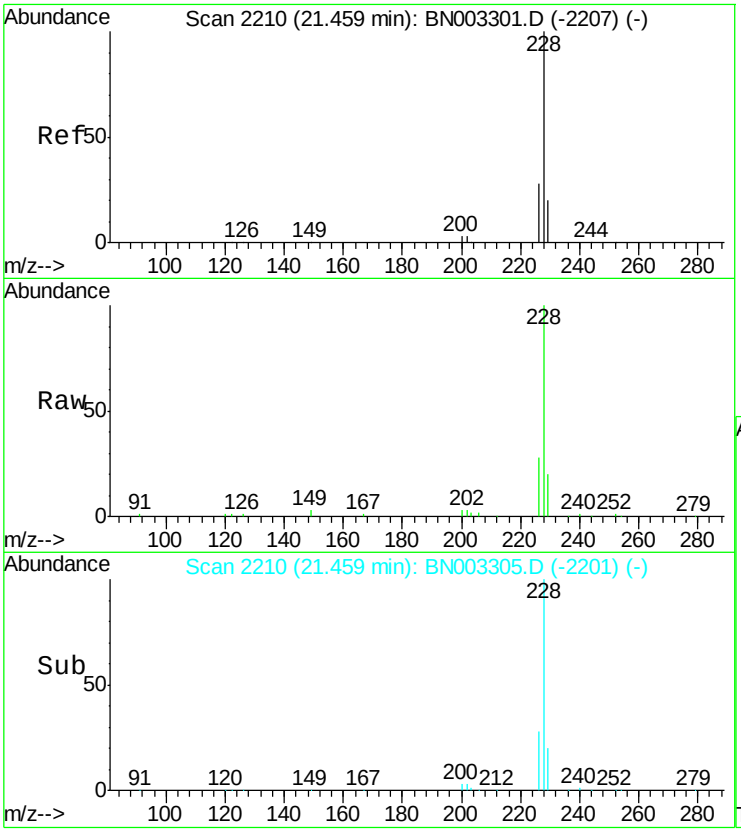


#30
Benzo(a)anthracene
Concen: 0.343 ng
RT: 21.41 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:228 Resp: 78671

Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.8	31.2
229	20.1	16.1	24.1



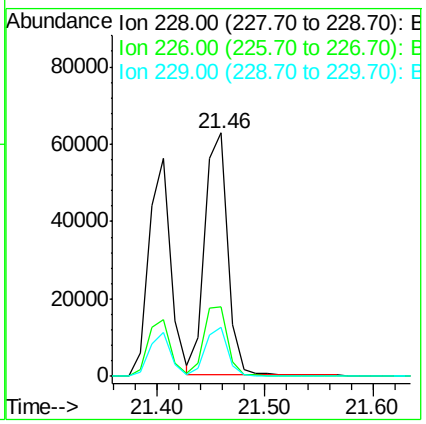


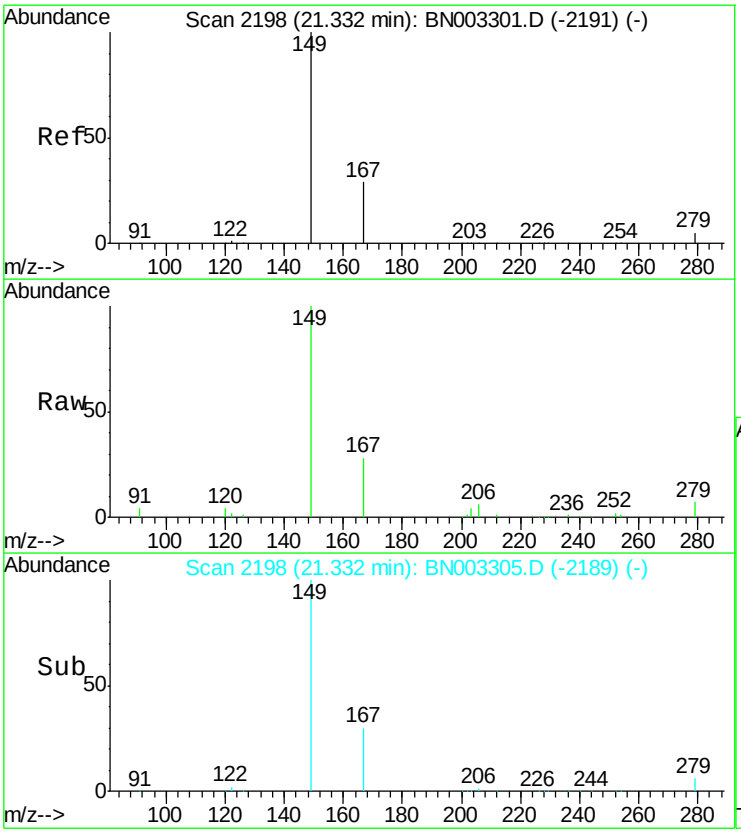
#31
Chrysene
Concen: 0.373 ng
RT: 21.46 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:228 Resp: 92330

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.0	16.0	24.0

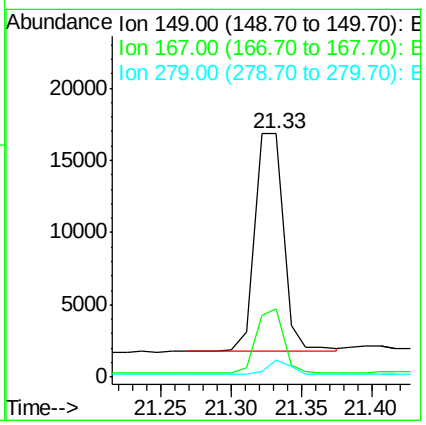


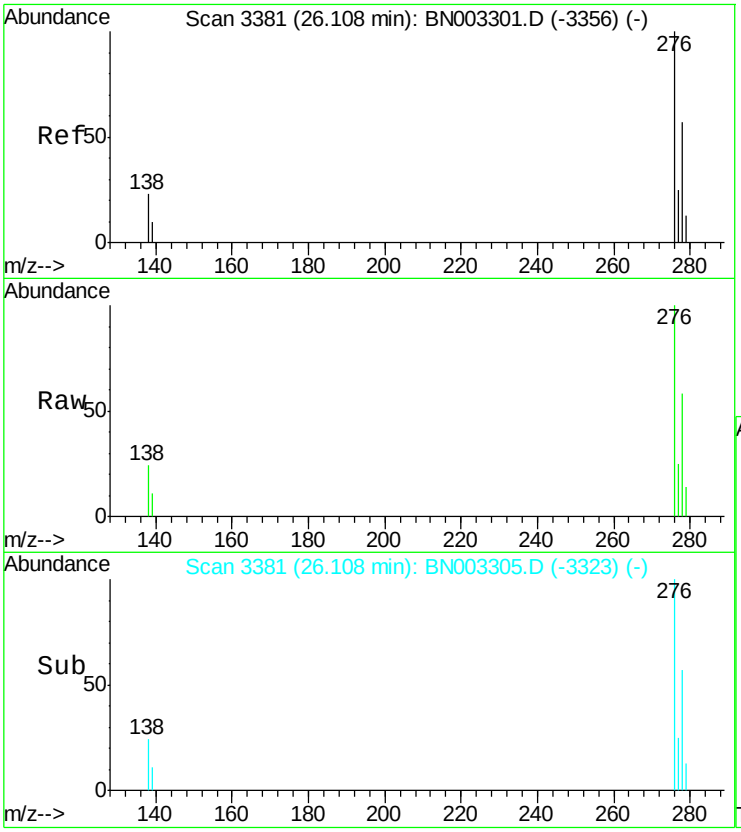


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.322 ng
RT: 21.33 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:149 Resp: 21883

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.1	3.9	5.9



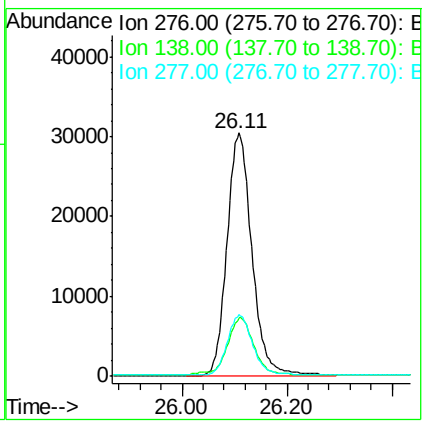


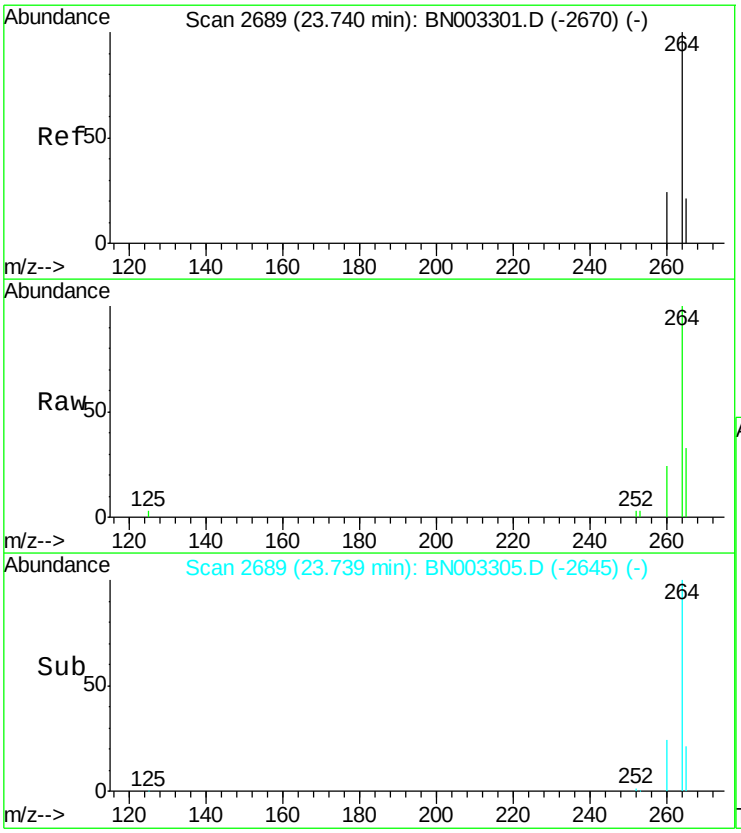
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.11 min Scan# 3381
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:276 Resp: 100787

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	25.1	20.0	30.0

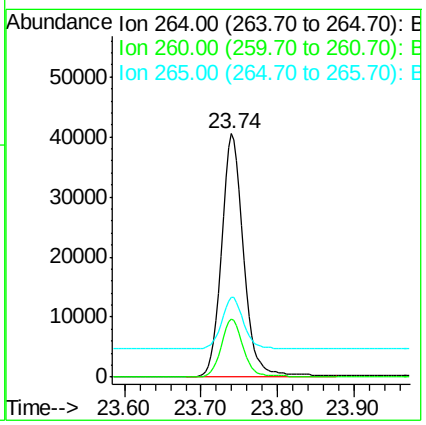


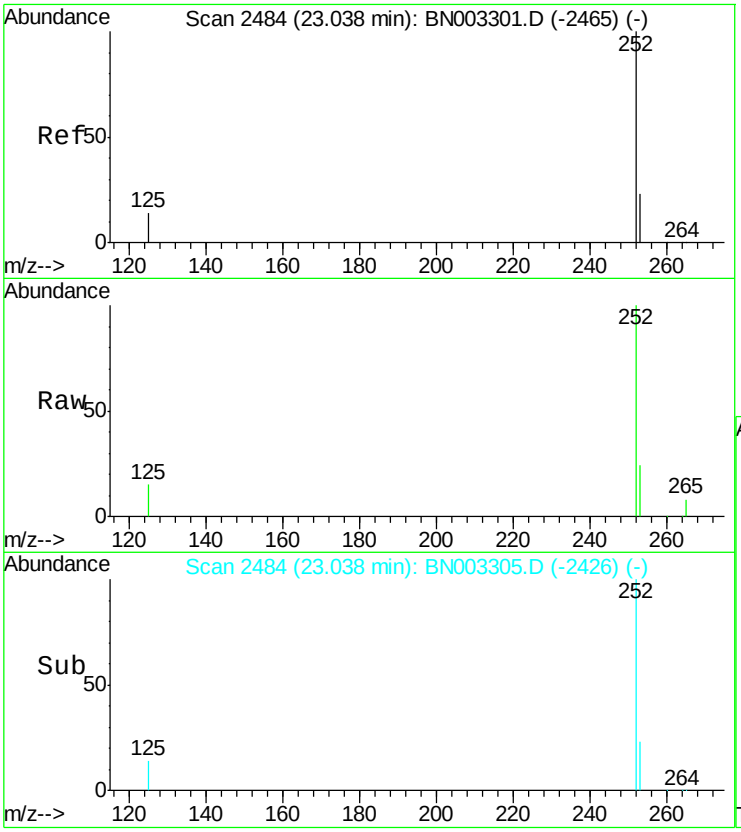


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2689
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:264 Resp: 82236

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	32.7	26.4	39.6



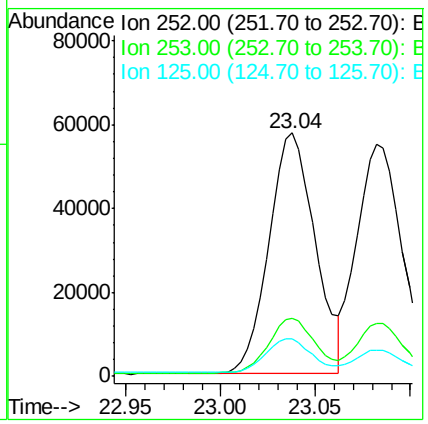


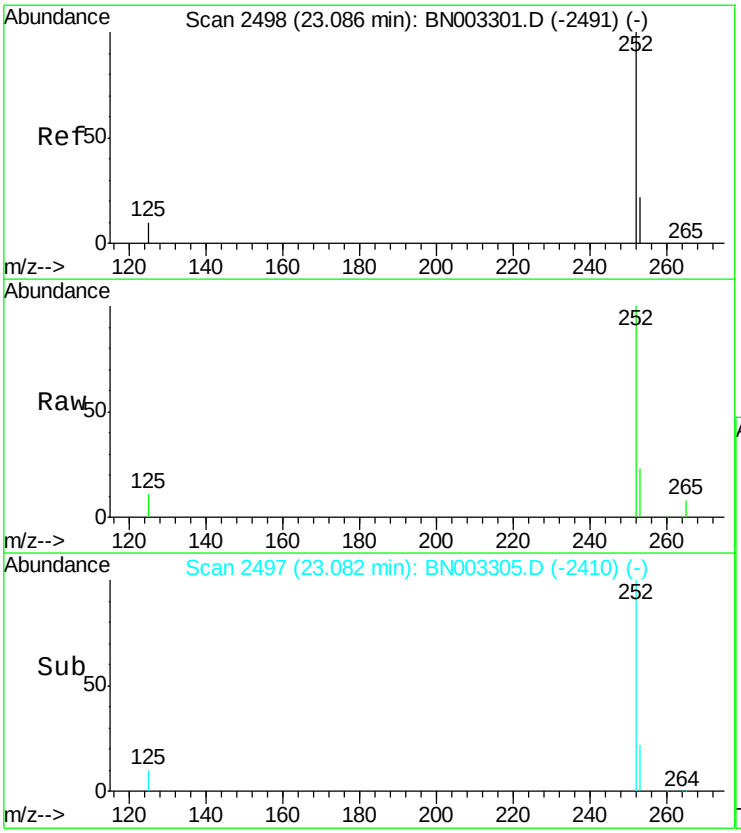
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.04 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:252 Resp: 97722

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.3	28.9
125	15.3	12.7	19.1

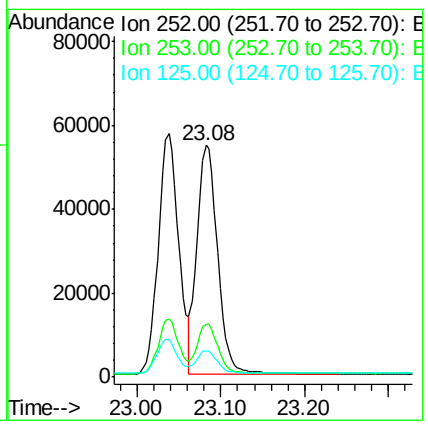


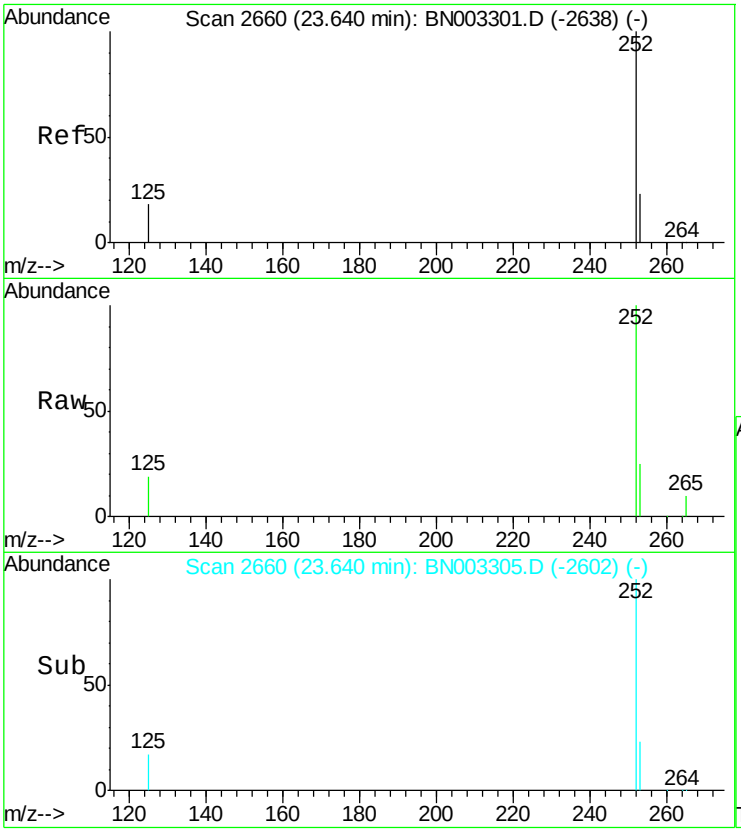


#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.08 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:252 Resp: 94373

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	11.4	9.1	13.7



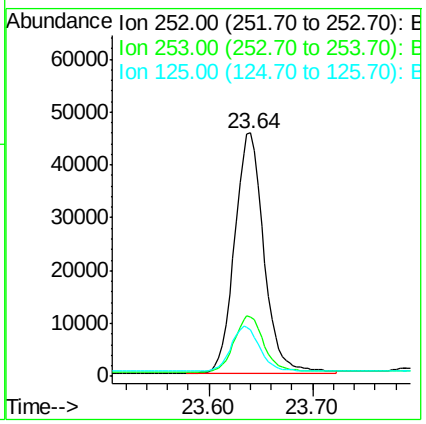


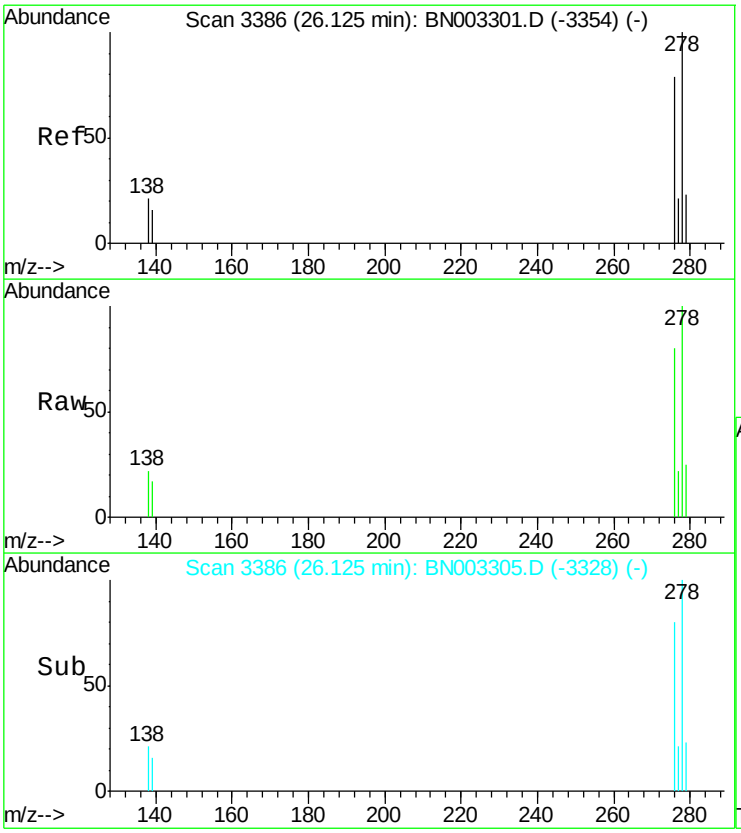
#37
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.64 min Scan# 2660
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:252 Resp: 89130

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.1	30.1
125	18.8	16.0	24.0

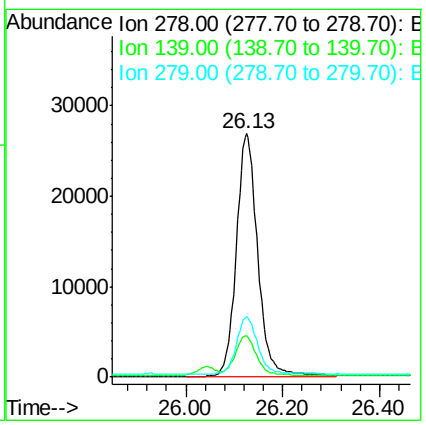


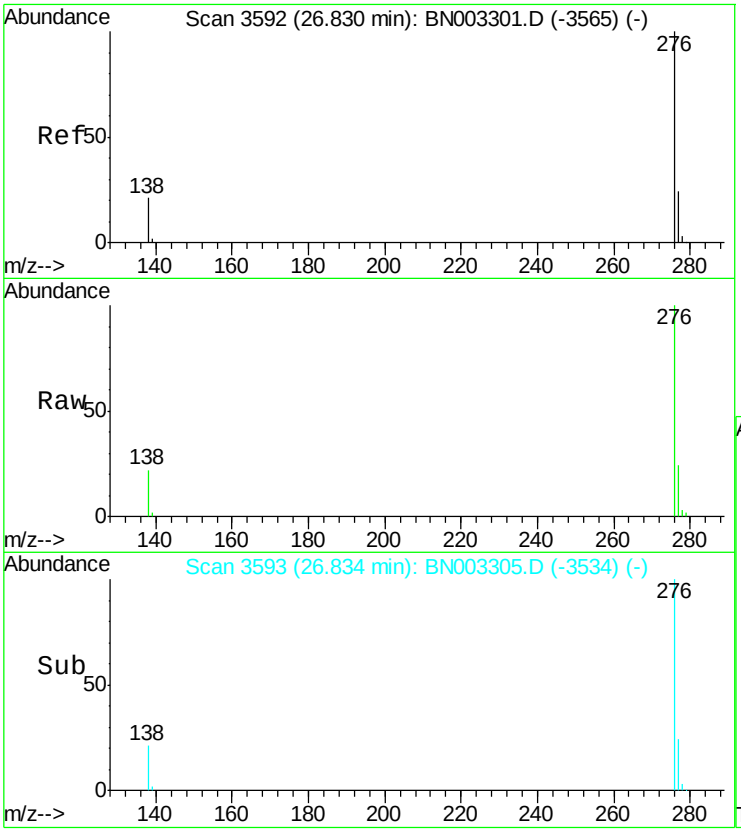


#38
Dibenzo(a,h)anthracene
Concen: 0.376 ng
RT: 26.13 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Tgt Ion:278 Resp: 81846

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.5	20.3
279	24.8	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.373 ng
RT: 26.83 min Scan# 3593
Delta R.T. 0.00 min
Lab File: BN003305.D
Acq: 26 Oct 2018 15:21

Instrument :
BNA_N
ClientSampleId :
ICVBN102618

Tgt Ion:276 Resp: 81160

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	21.6	17.4	26.2