Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
Data File : BN003336.D
Acq On : 29 Oct 2018 17:15
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 30 06:45:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	14402	0.40	ng		0.00
7) Naphthalene-d8	10.66	136	63204	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	36850	0.40	ng		-0.01
19) Phenanthrene-d10	17.24	188	86776	0.40	ng		0.00
27) Chrysene-d12	21.42	240	98059	0.40	ng		0.00
34) Perylene-d12	23.73	264	89413	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	13590	0.38	ng		0.00
5) Phenol-d6	7.01	99	17561	0.39	ng		0.00
8) Nitrobenzene-d5	9.02	82	13210	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	37777	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	5624	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	56400	0.36	ng		-0.01
25) Fluoranthene-d10	19.26	212	87553	0.35	ng		0.00
29) Terphenyl-d14	19.86	244	78370	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	6428	0.345	ng		98
3) n-Nitrosodimethylamine	3.67	42	3289	0.383	ng	#	94
6) bis(2-Chloroethyl)ether	7.29	93	15782	0.393	ng		99
9) Naphthalene	10.71	128	57114	0.369	ng		99
10) Hexachlorobutadiene	10.97	225	10554	0.374	ng	#	99
12) 2-Methylnaphthalene	12.32	142	39799	0.368	ng		97
16) Acenaphthylene	14.21	152	58372	0.355	ng		100
17) Acenaphthene	14.56	154	41247	0.362	ng		99
18) Fluorene	15.54	166	49510	0.348	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	17986	0.358	ng		96
21) Hexachlorobenzene	16.53	284	19381	0.366	ng		99
22) Pentachlorophenol	16.88	266	6787	0.473	ng		97
23) Phenanthrene	17.28	178	84477	0.355	ng		100
24) Anthracene	17.37	178	70718	0.346	ng		100
26) Fluoranthene	19.29	202	94660	0.346	ng		100
28) Pyrene	19.66	202	97618	0.360	ng		100
30) Benzo(a)anthracene	21.40	228	93466	0.364	ng		98
31) Chrysene	21.45	228	97792	0.353	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	31763	0.418	ng		100
33) Indeno(1,2,3-cd)pyrene	26.09	276	91785	0.320	ng		98
35) Benzo(b)fluoranthene	23.03	252	99317	0.356	ng	#	95
36) Benzo(k)fluoranthene	23.08	252	97573	0.353	ng		100
37) Benzo(a)pyrene	23.63	252	90128	0.355	ng	#	92
38) Dibenzo(a,h)anthracene	26.11	278	76627	0.324	ng		100
39) Benzo(g,h,i)perylene	26.82	276	74360	0.314	ng		99

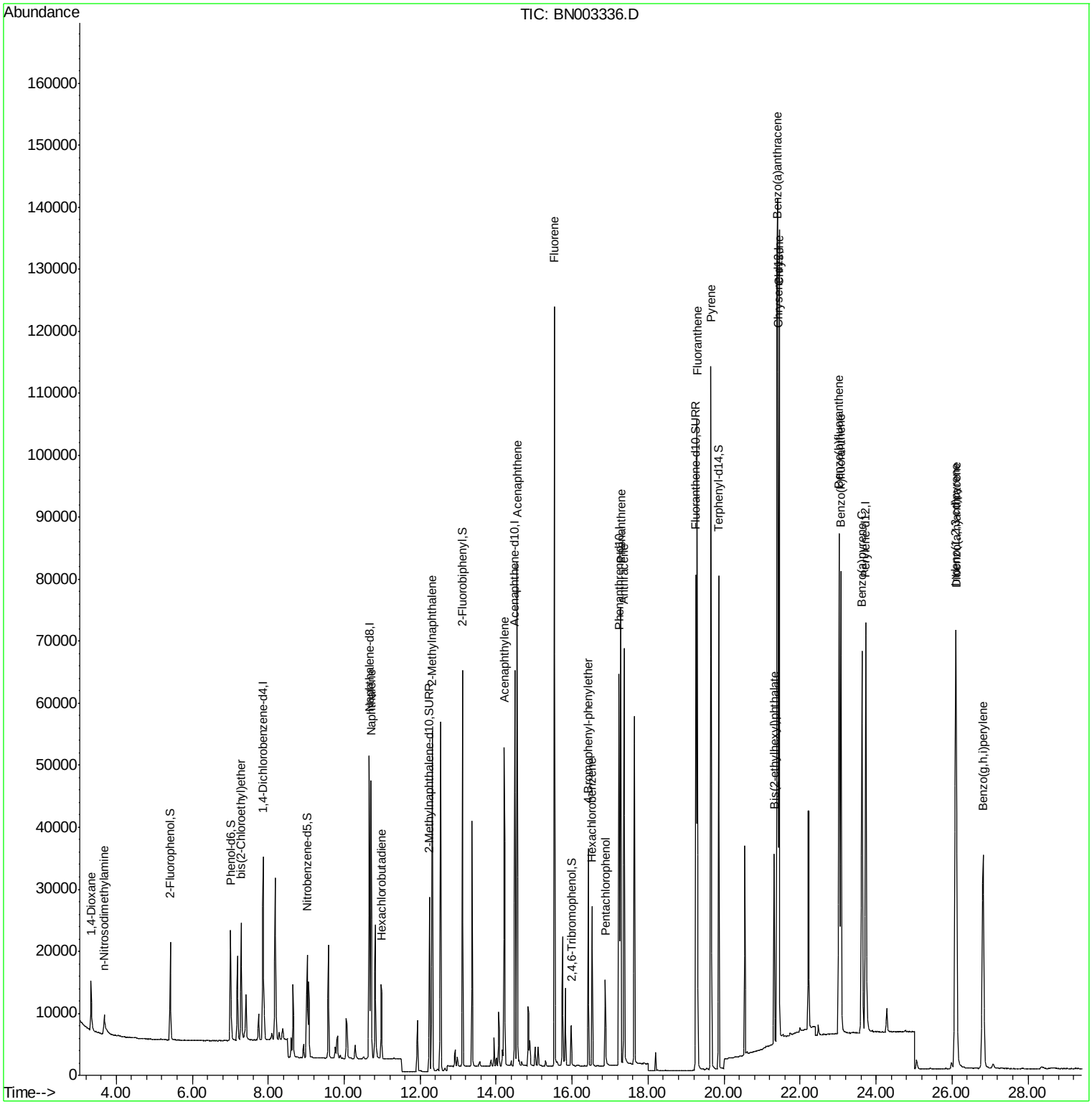
(#) = qualifier out of range (m) = manual integration (+) = signals summed

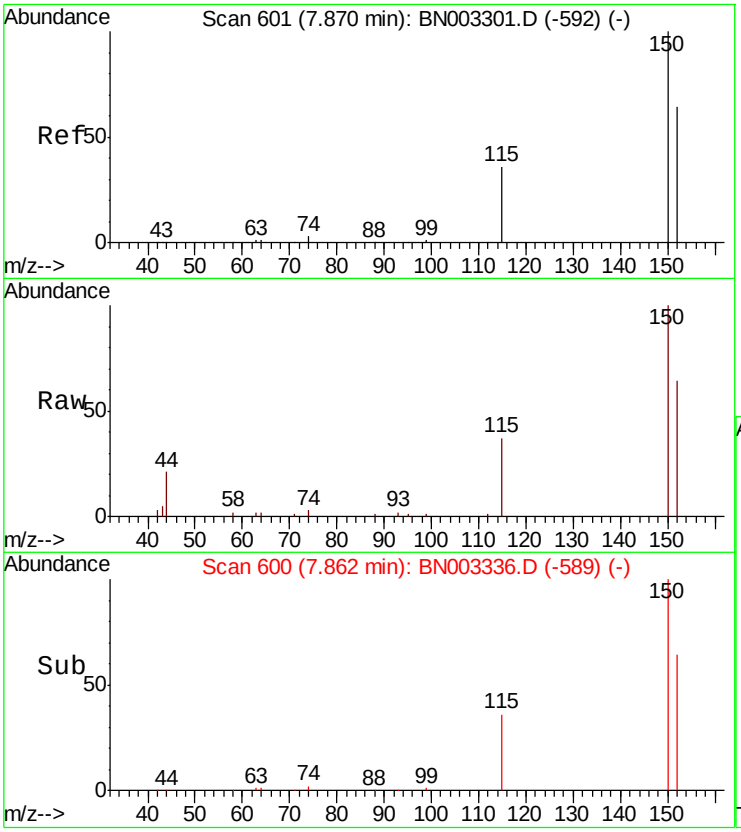
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
Data File : BN003336.D
Acq On : 29 Oct 2018 17:15
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 30 06:45:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration



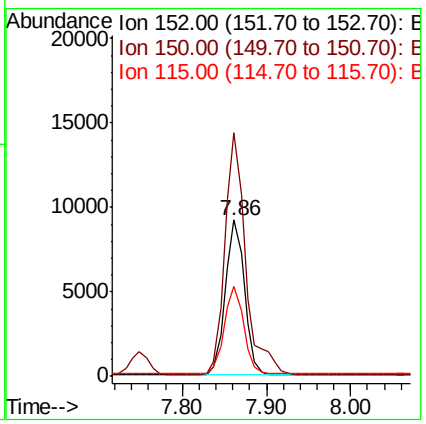


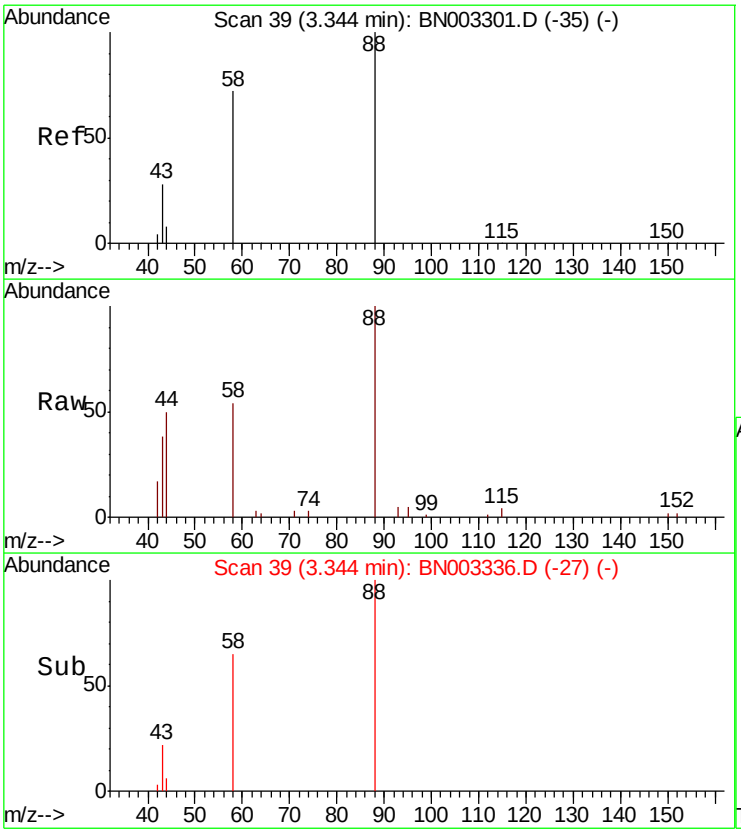
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 14402

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	187.0
115	57.6	46.4	69.6

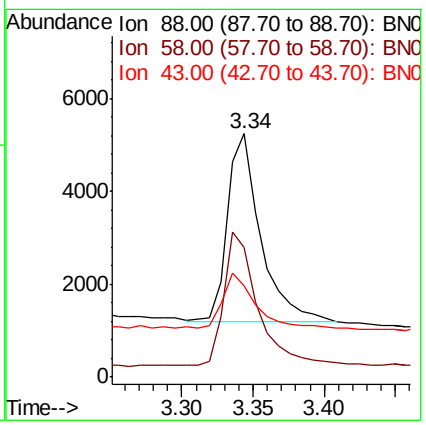


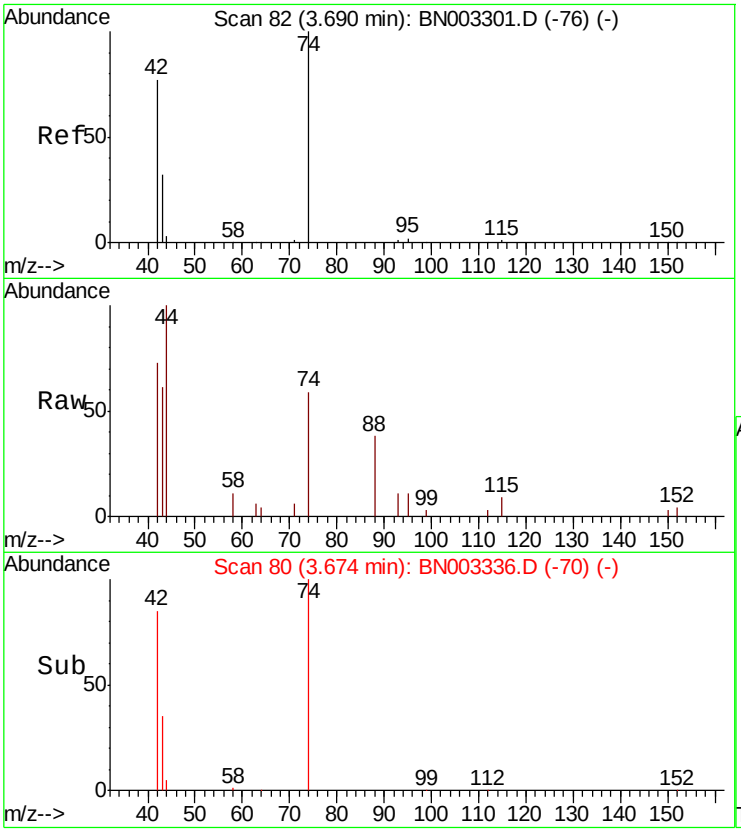


#2
1,4-Dioxane
Concen: 0.345 ng
RT: 3.34 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion: 88 Resp: 6428

Ion	Ratio	Lower	Upper
88	100		
58	74.3	60.9	91.3
43	29.2	23.9	35.9



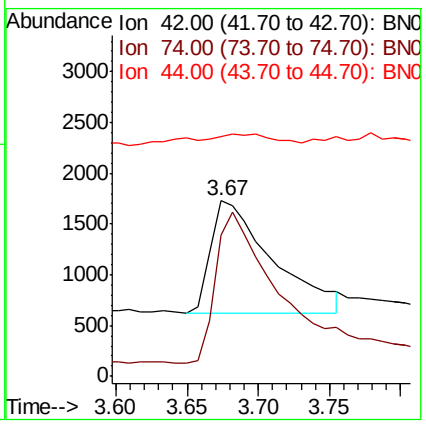


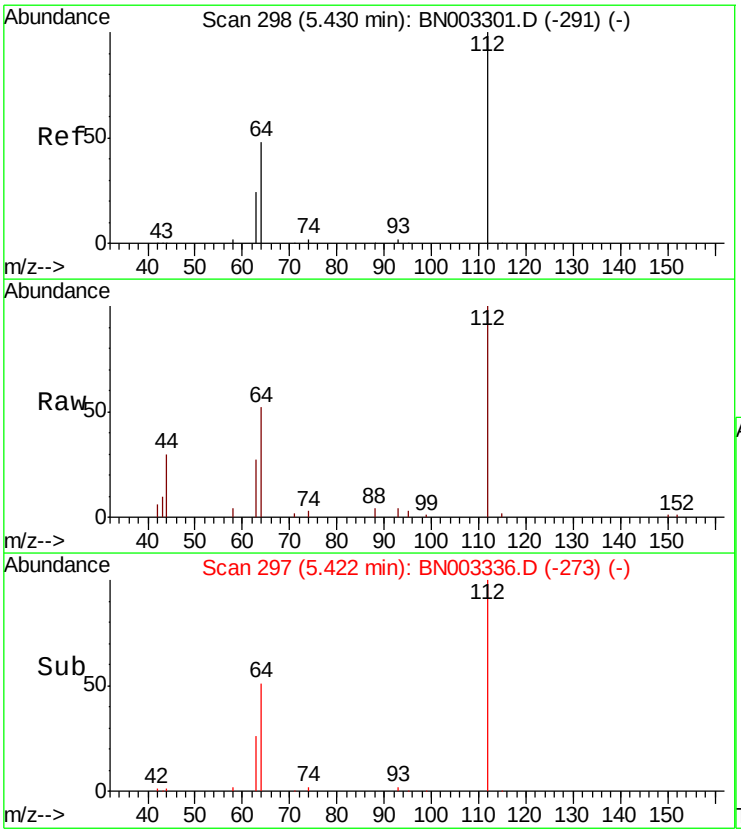
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.67 min Scan# 80
Delta R.T. -0.02 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 3289

Ion	Ratio	Lower	Upper
42	100		
74	129.6	99.1	148.7
44	0.0	4.2	6.4#

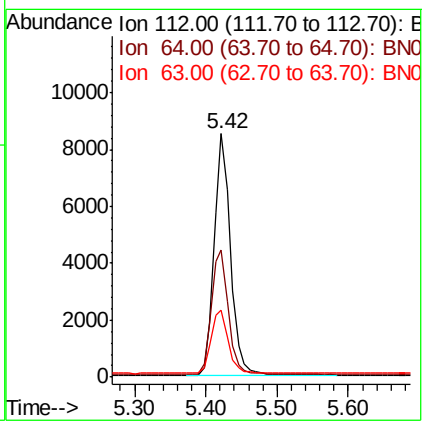


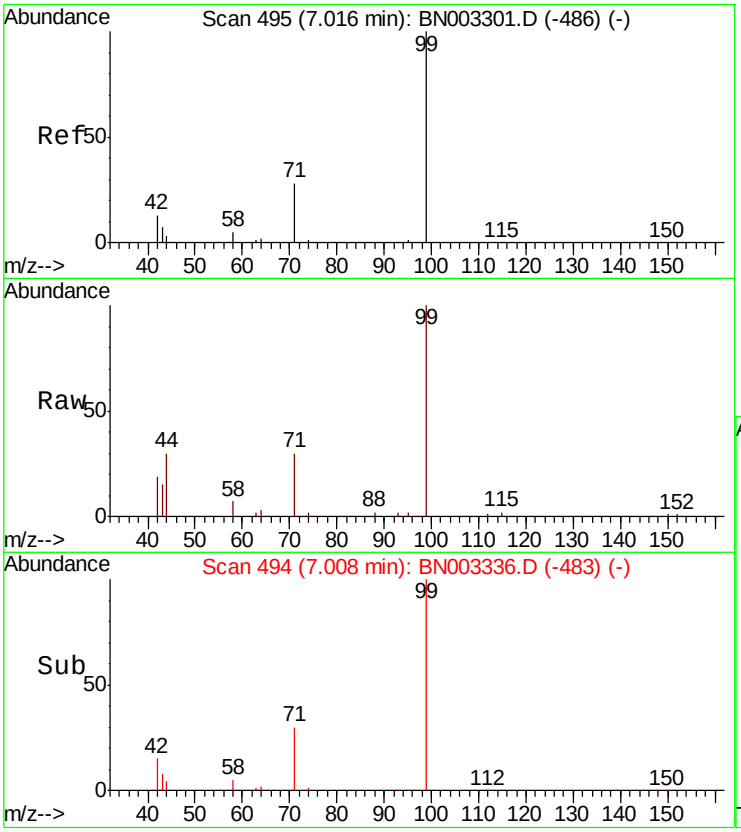


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.42 min Scan# 297
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:112 Resp: 13590

Ion	Ratio	Lower	Upper
112	100		
64	53.2	44.3	66.5
63	27.0	22.4	33.6



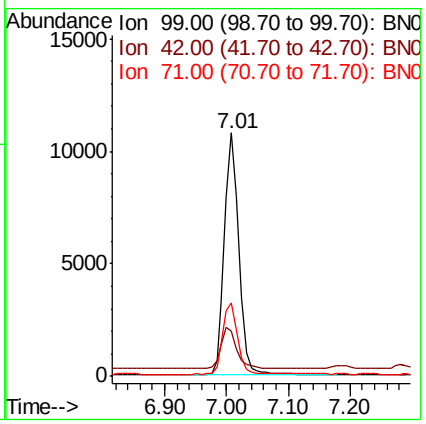


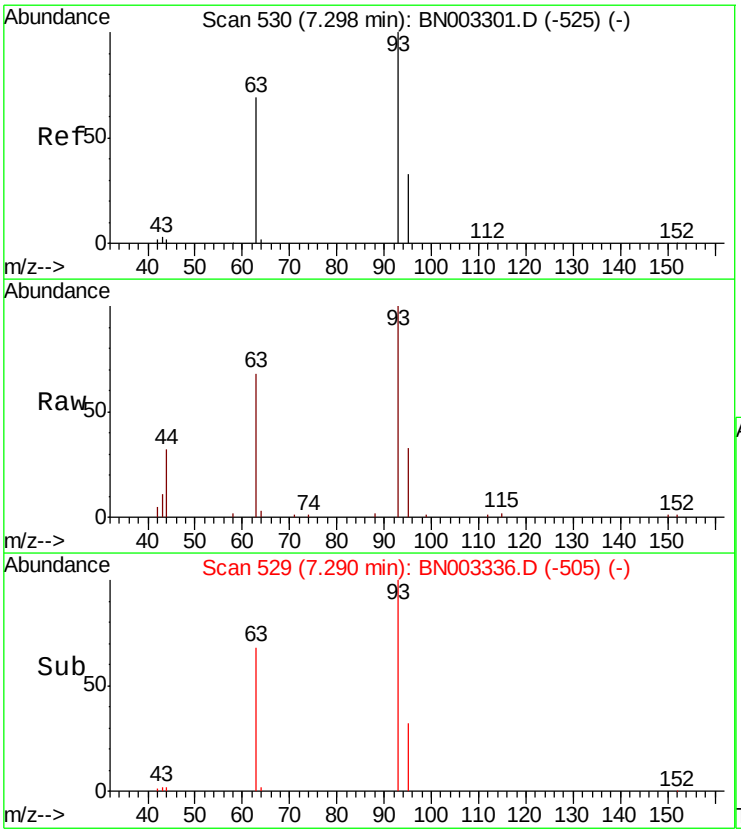
#5
Phenol-d6
Concen: 0.390 ng
RT: 7.01 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 17561

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	30.5	24.8	37.2

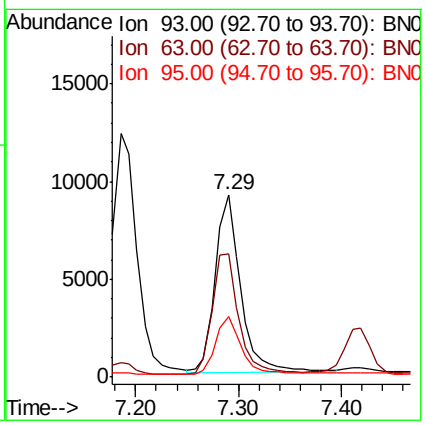


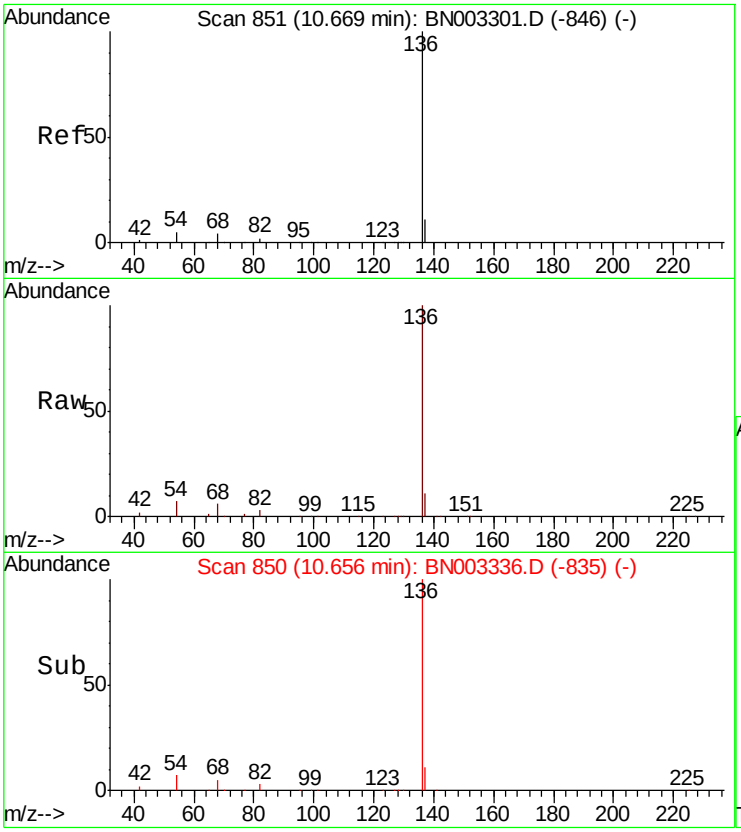


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.29 min Scan# 529
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion: 93 Resp: 15782

Ion	Ratio	Lower	Upper
93	100		
63	70.9	55.8	83.6
95	32.1	25.4	38.2



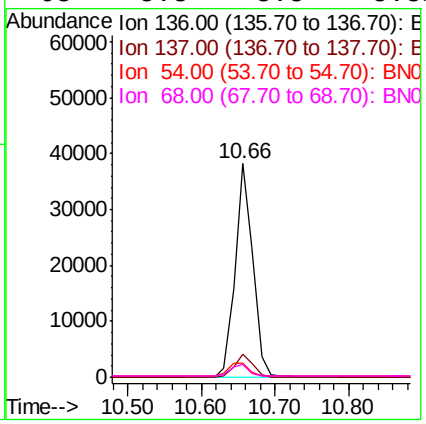


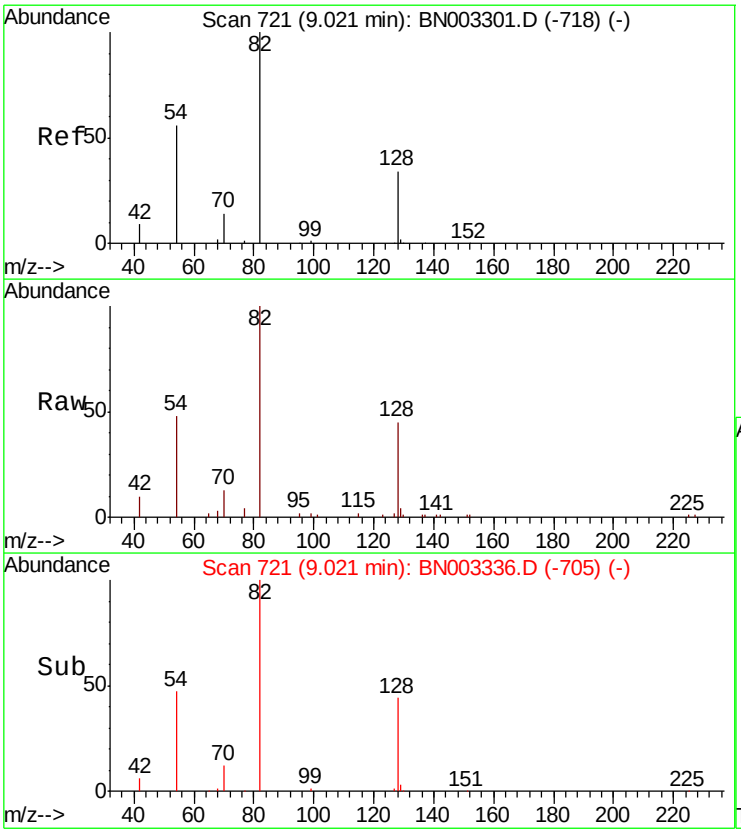
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 63204

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.9	4.1	6.1#
68	5.8	3.5	5.3#

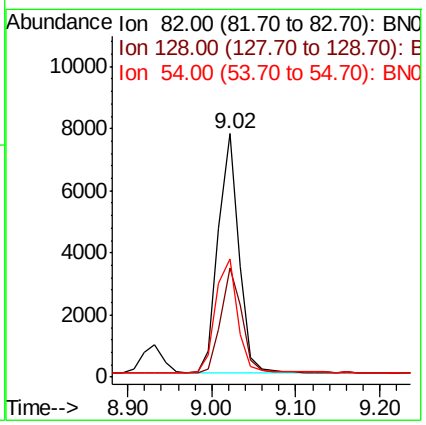


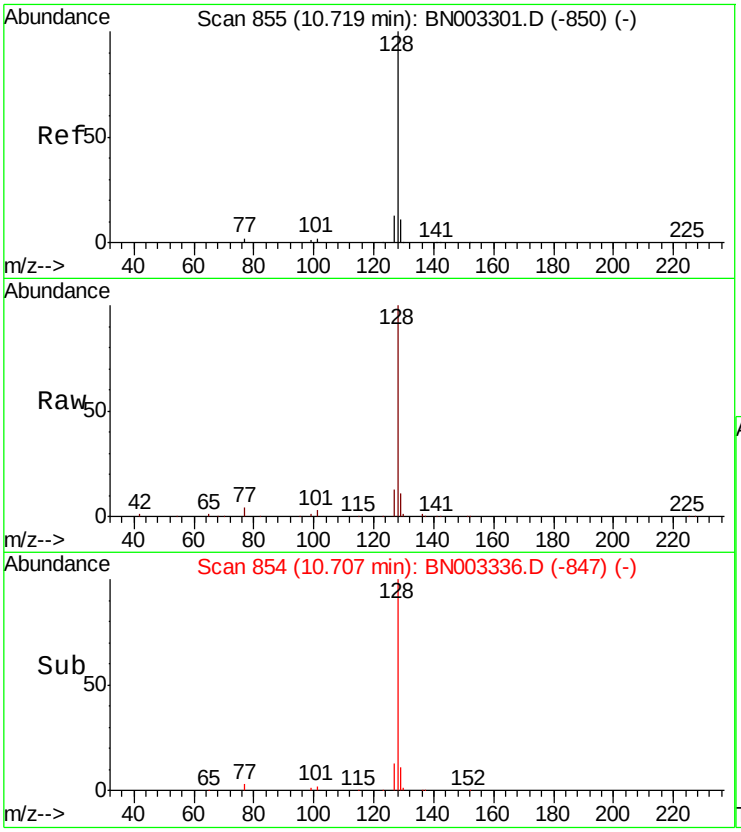


#8
Nitrobenzene-d5
Concen: 0.477 ng
RT: 9.02 min Scan# 721
Delta R.T. 0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion: 82 Resp: 13210

Ion	Ratio	Lower	Upper
82	100		
128	45.0	28.9	43.3#
54	48.5	46.1	69.1



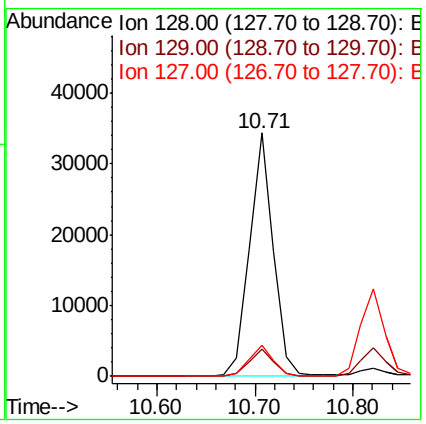


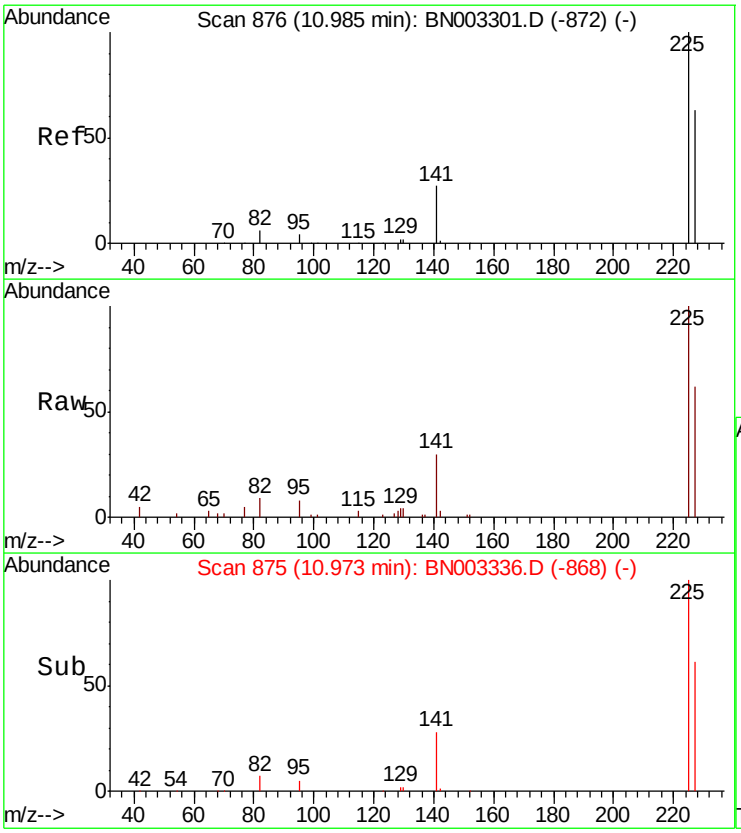
#9
Naphthalene
Concen: 0.369 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 57114

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.0	10.2	15.4

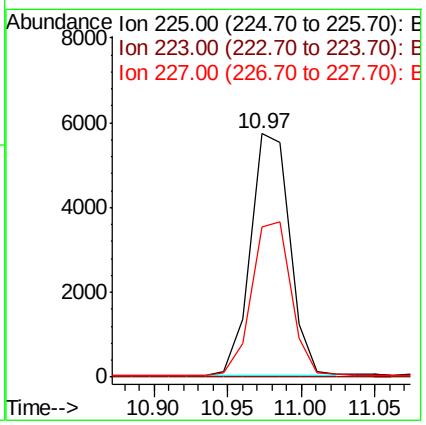


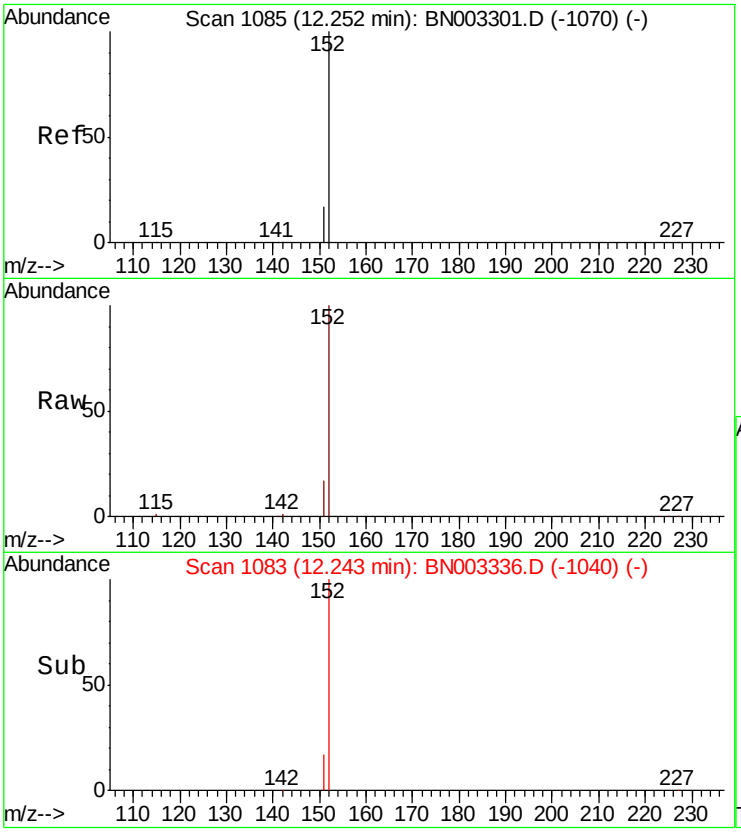


#10
Hexachlorobutadiene
Concen: 0.374 ng
RT: 10.97 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:225 Resp: 10554

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



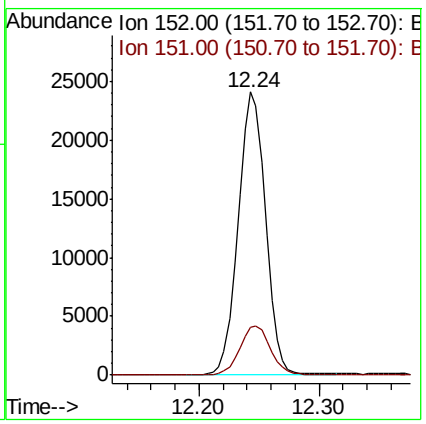


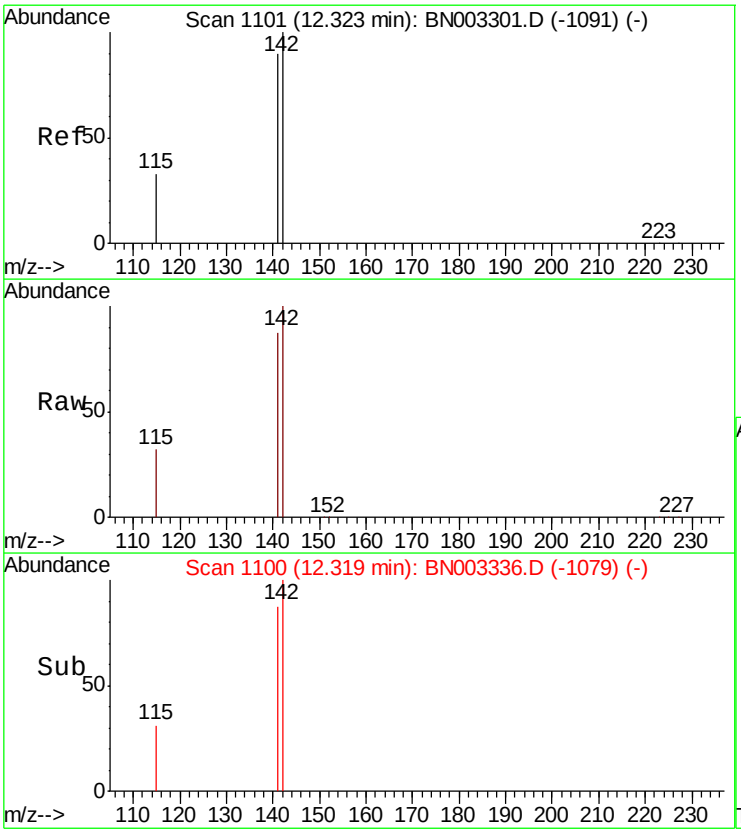
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.24 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 37777

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

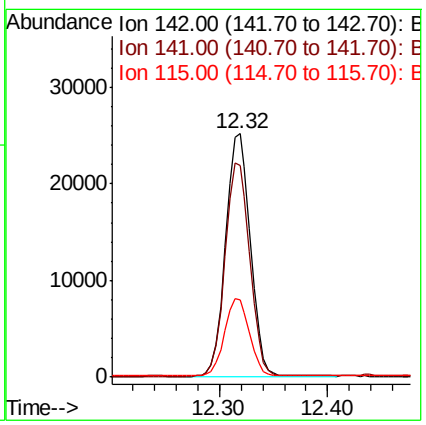


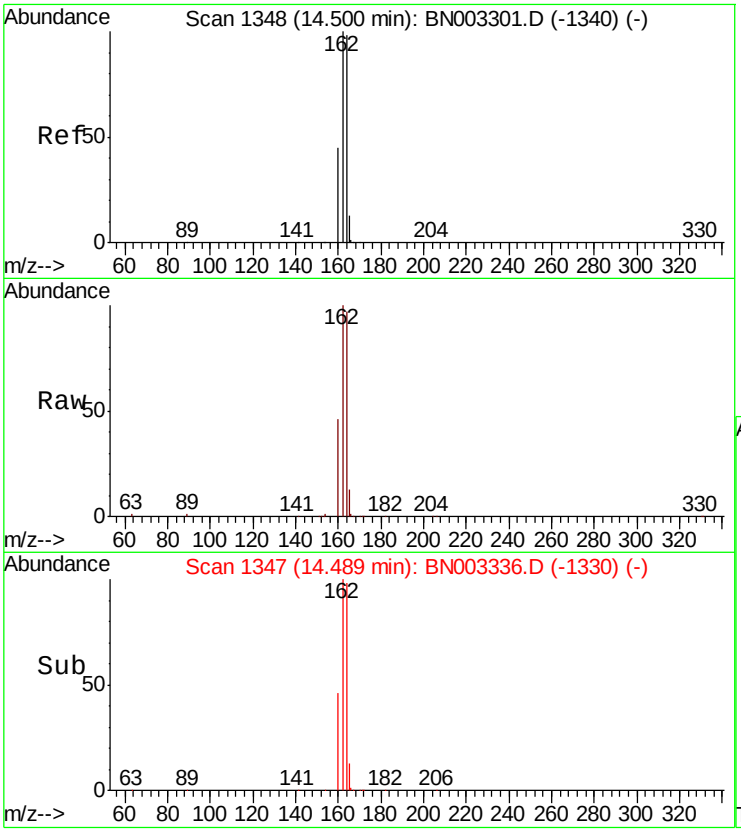


#12
2-Methylnaphthalene
Concen: 0.368 ng
RT: 12.32 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:142 Resp: 39799

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.9	107.9
115	31.8	27.0	40.6



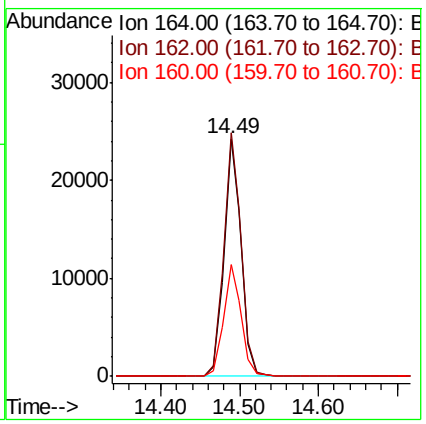


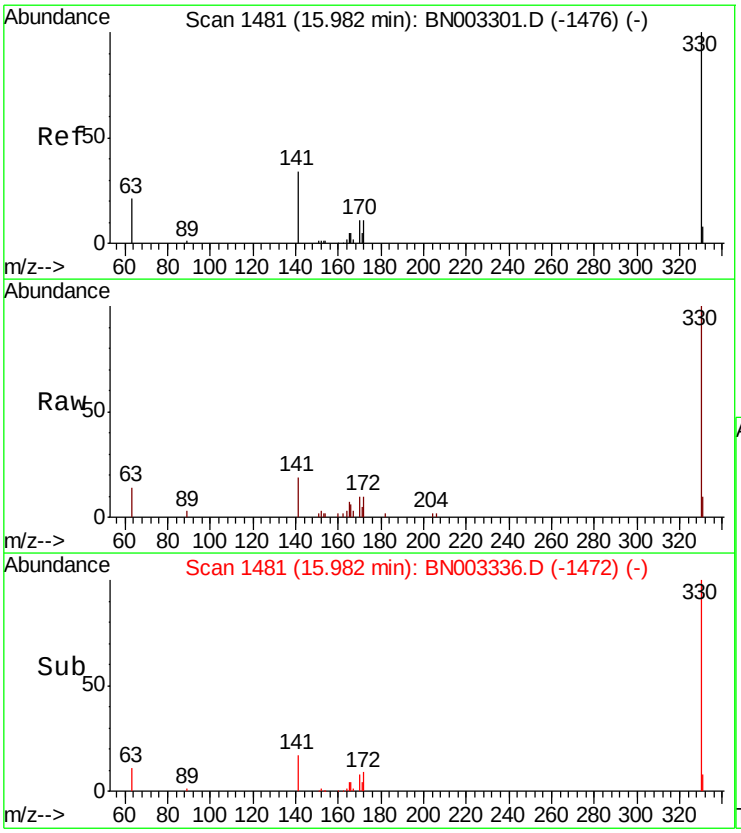
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 36850

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	47.2	37.2	55.8

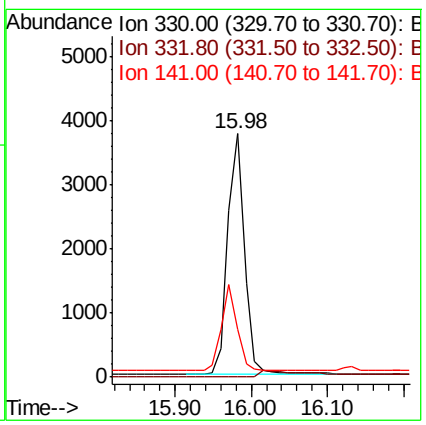


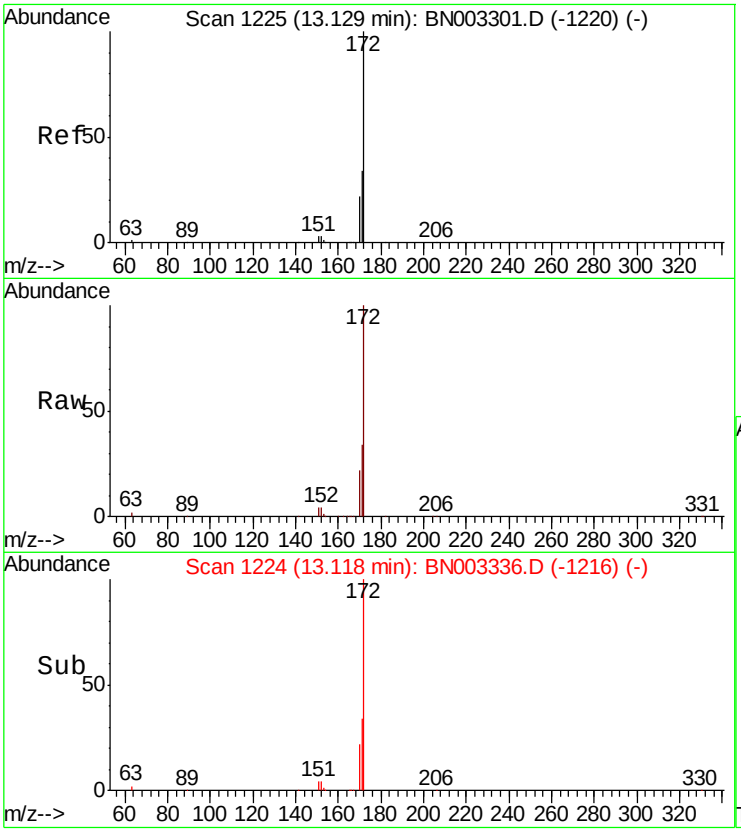


#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 15.98 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:330 Resp: 5624

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.0	28.3	42.5



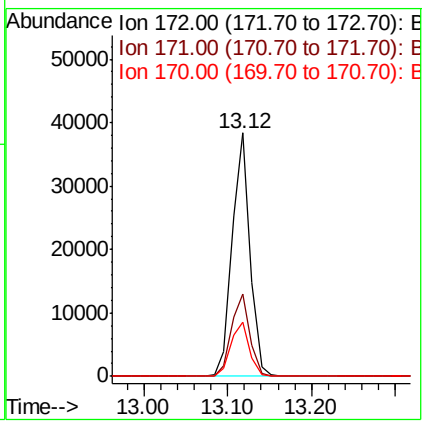


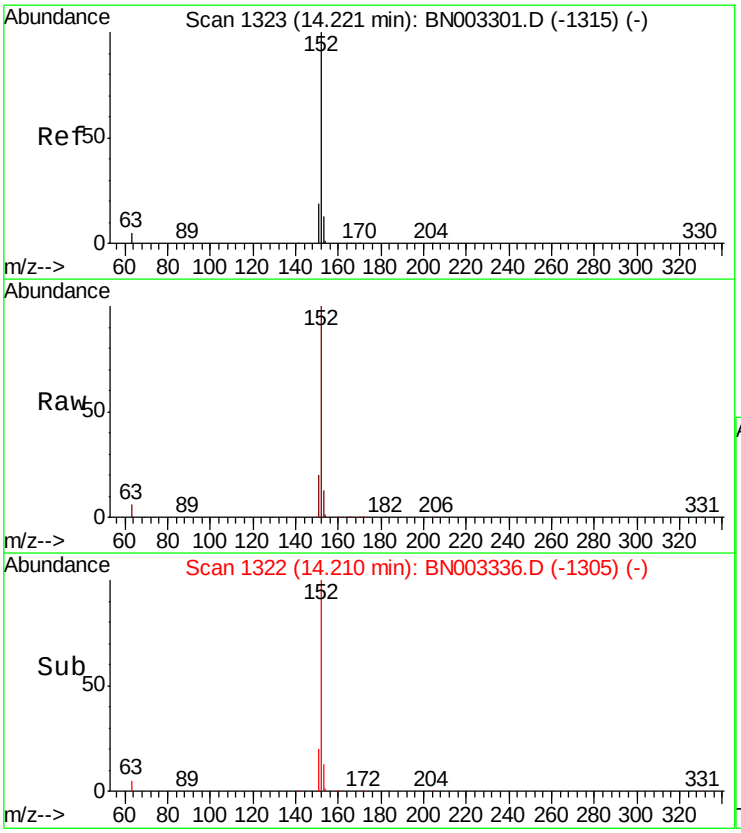
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 56400

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.1	40.7
170	22.2	17.4	26.0

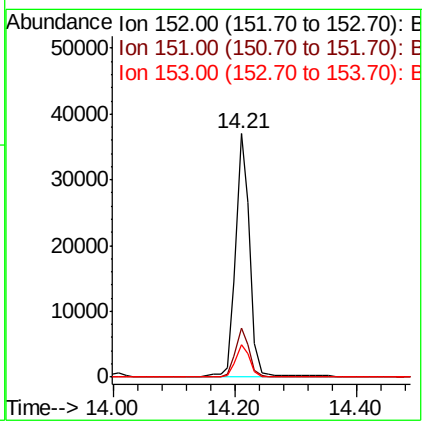


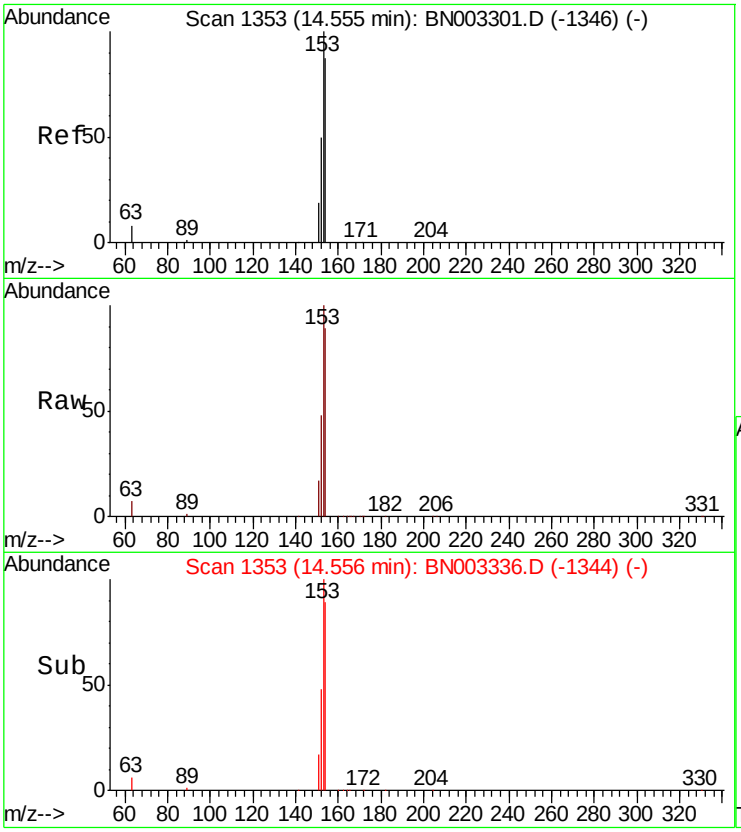


#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:152 Resp: 58372

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



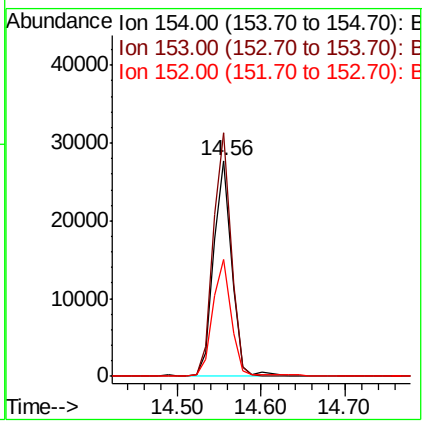


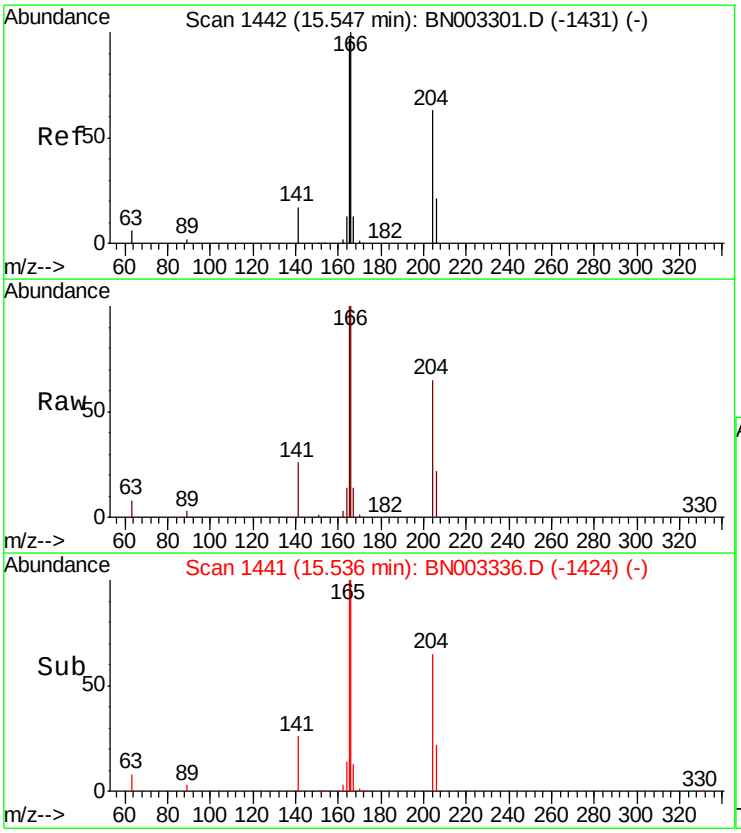
#17
Acenaphthene
Concen: 0.362 ng
RT: 14.56 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 41247

Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.9	133.3
152	54.5	43.5	65.3

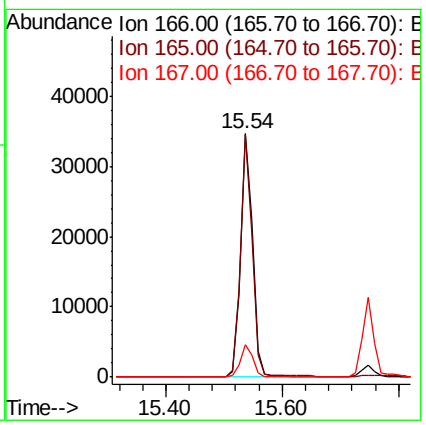


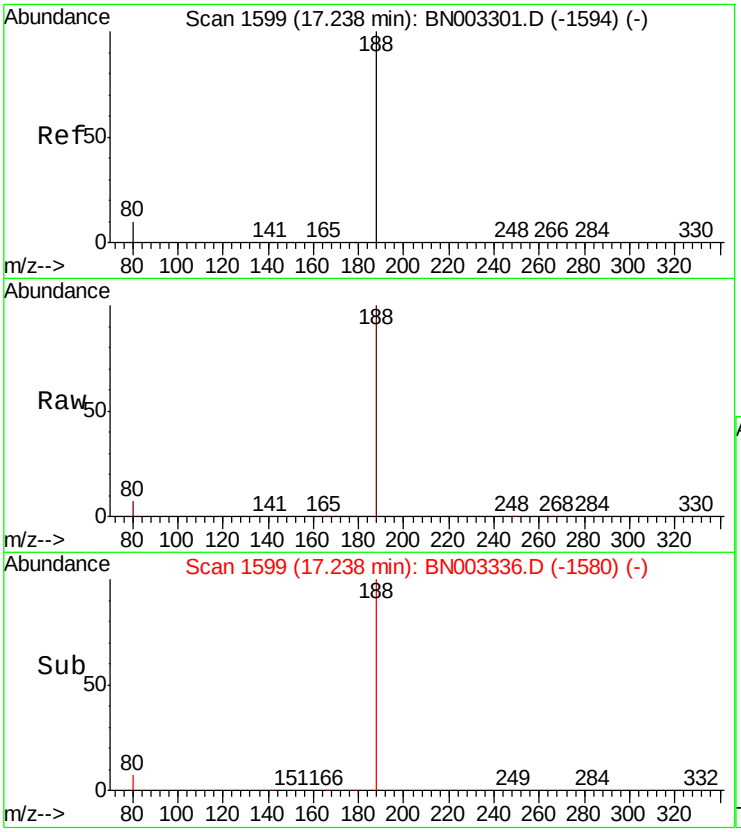


#18
Fluorene
Concen: 0.348 ng
RT: 15.54 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:166 Resp: 49510

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



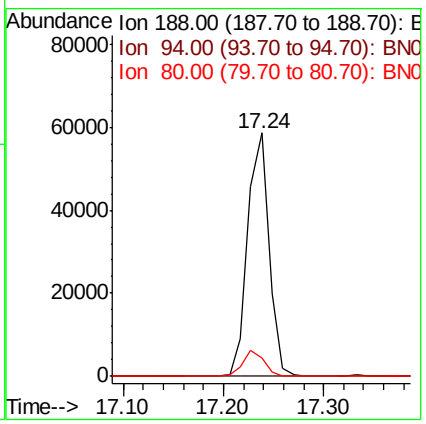


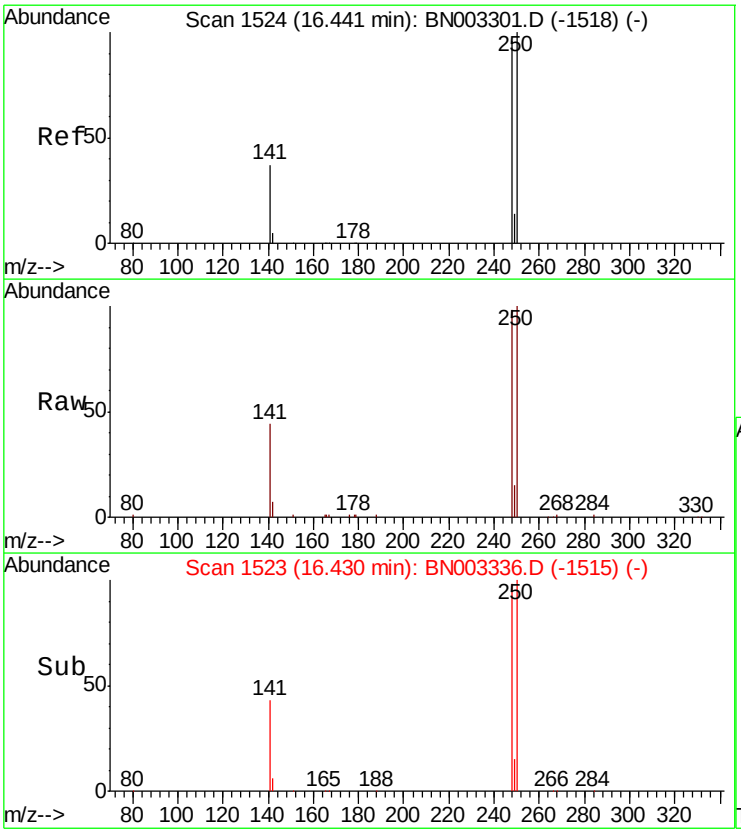
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 86776

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	8.6	12.8#

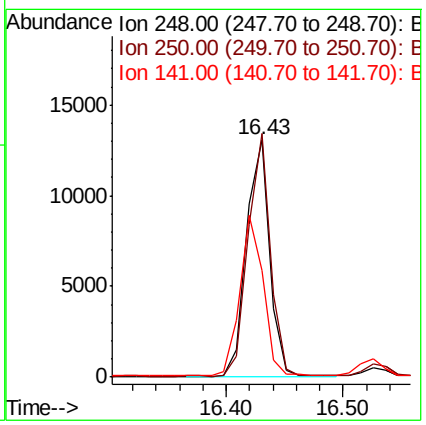


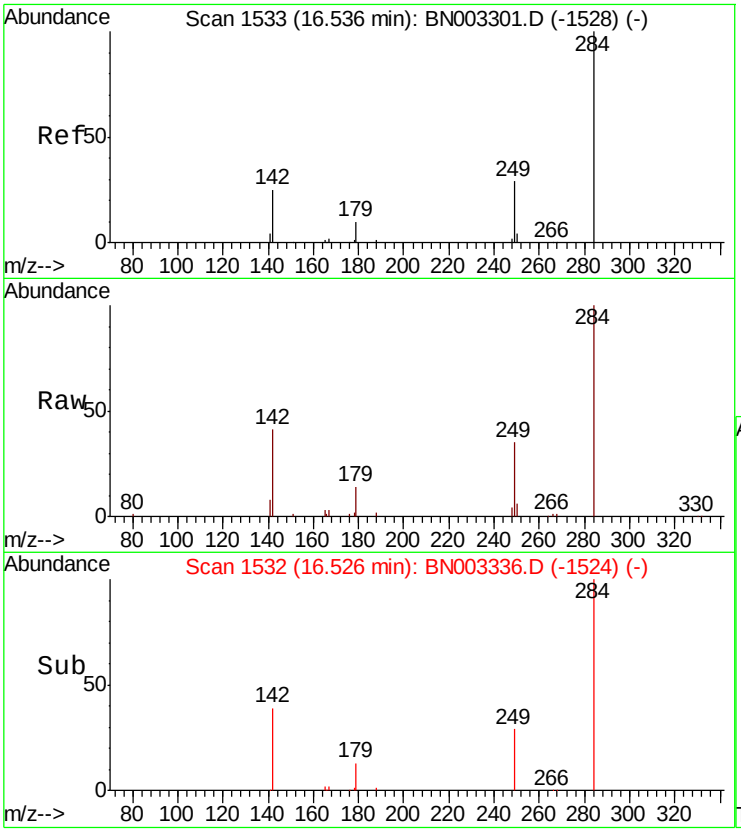


#20
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:248 Resp: 17986

Ion	Ratio	Lower	Upper
248	100		
250	102.4	83.7	125.5
141	44.8	31.4	47.0



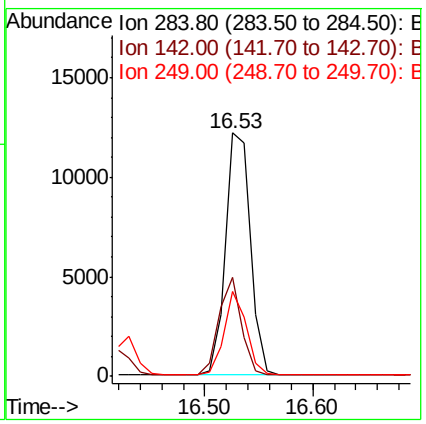


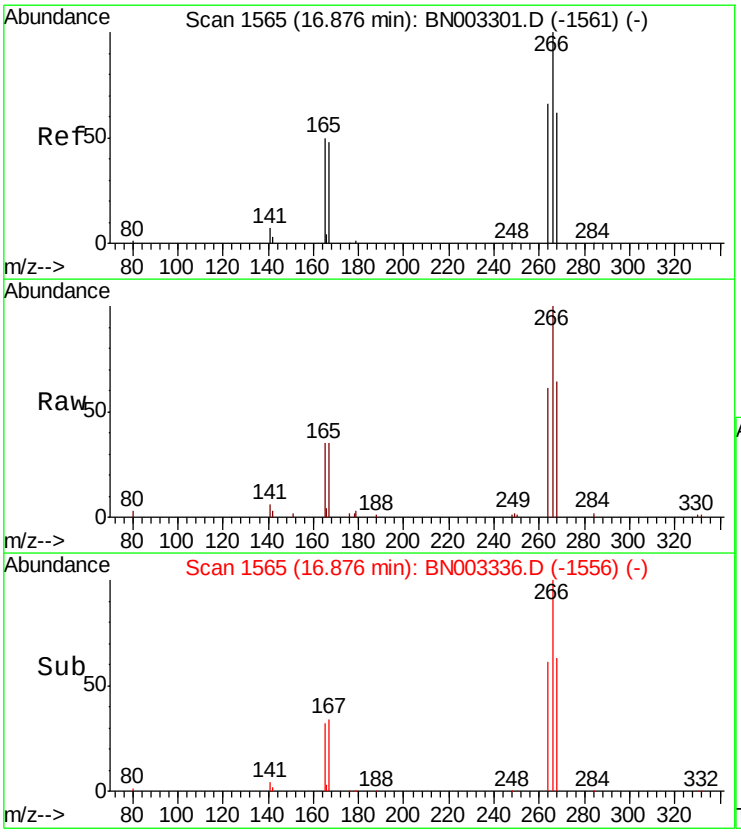
#21
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.53 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 19381

Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.7	44.5
249	30.3	24.0	36.0

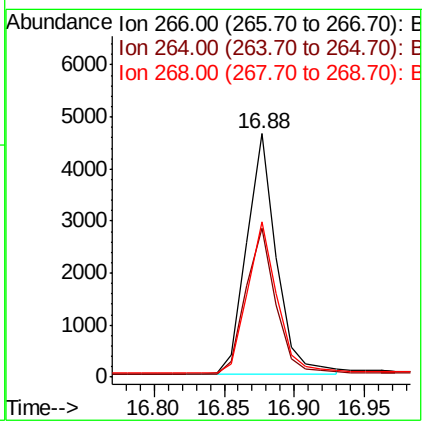


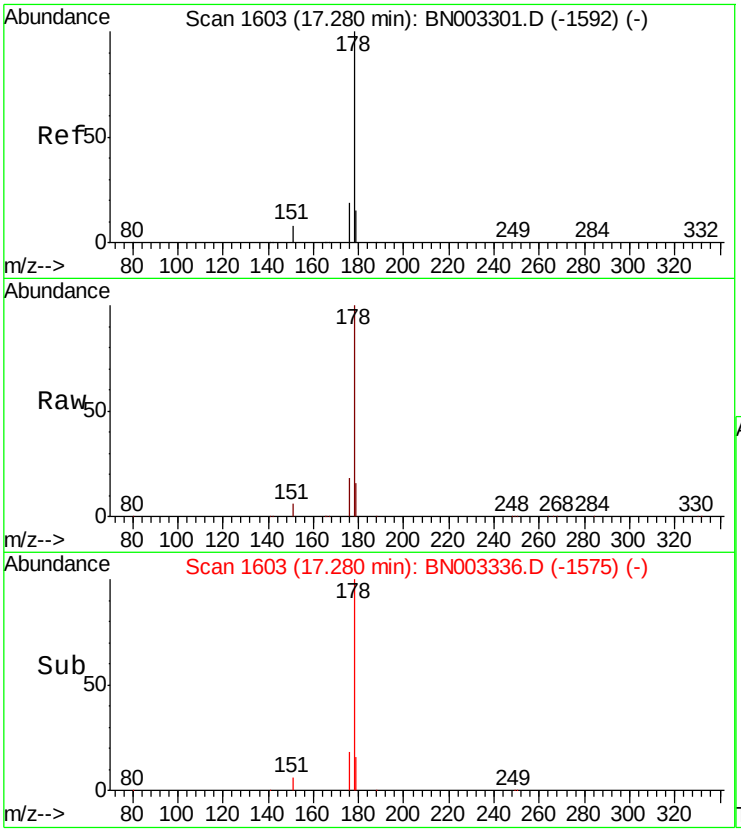


#22
Pentachlorophenol
Concen: 0.473 ng
RT: 16.88 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:266 Resp: 6787

Ion	Ratio	Lower	Upper
266	100		
264	61.2	52.1	78.1
268	63.6	51.8	77.6



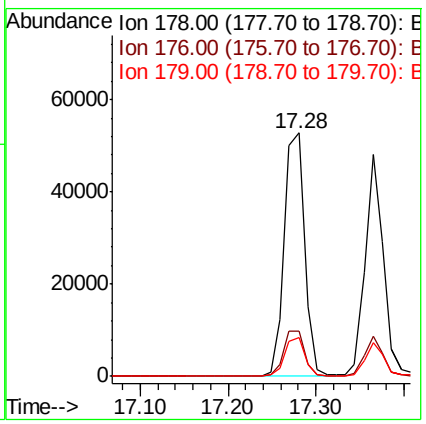


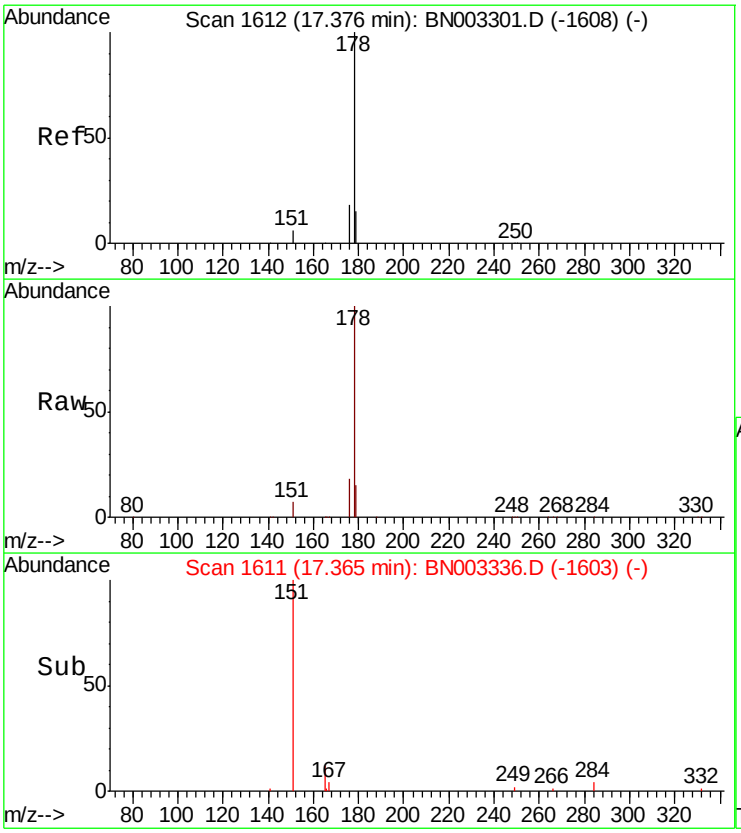
#23
Phenanthrene
Concen: 0.355 ng
RT: 17.28 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 84477

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.4	18.6

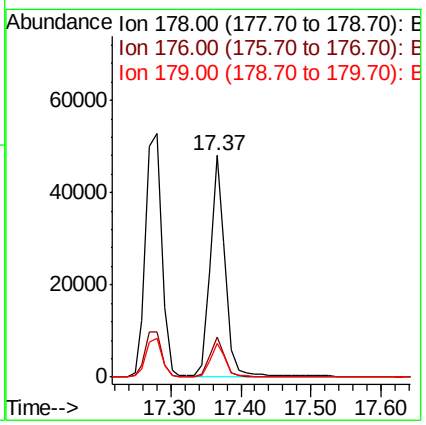


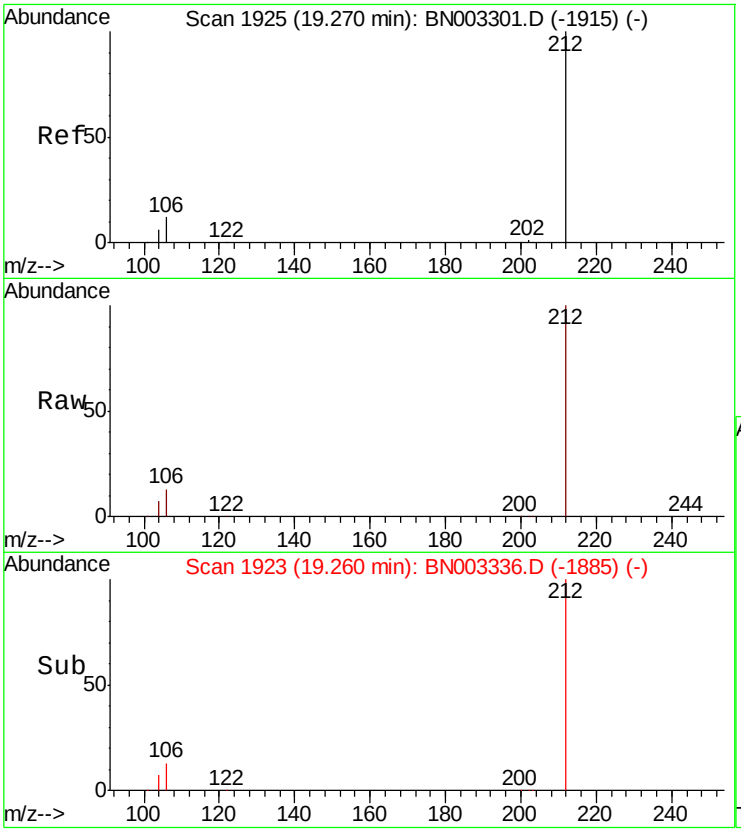


#24
Anthracene
Concen: 0.346 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:178 Resp: 70718

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.2	12.2	18.4



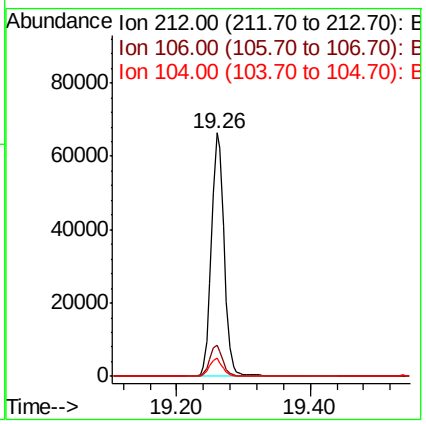


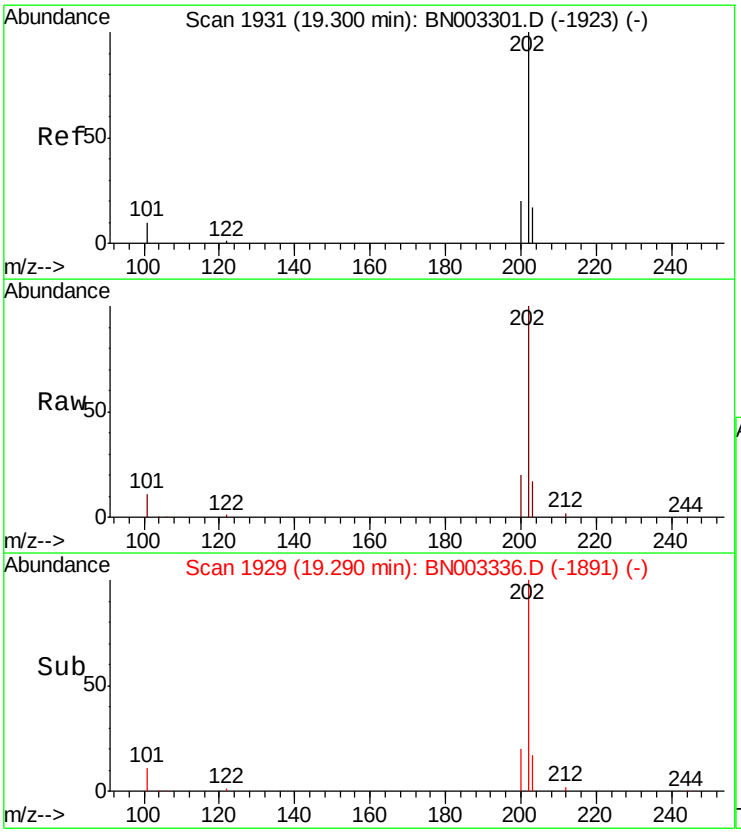
#25
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 87553

Ion	Ratio	Lower	Upper
212	100		
106	12.6	10.3	15.5
104	6.9	5.6	8.4

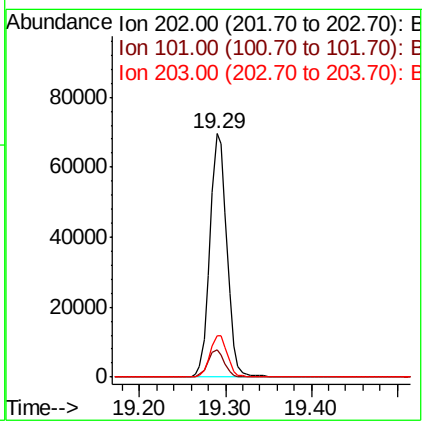


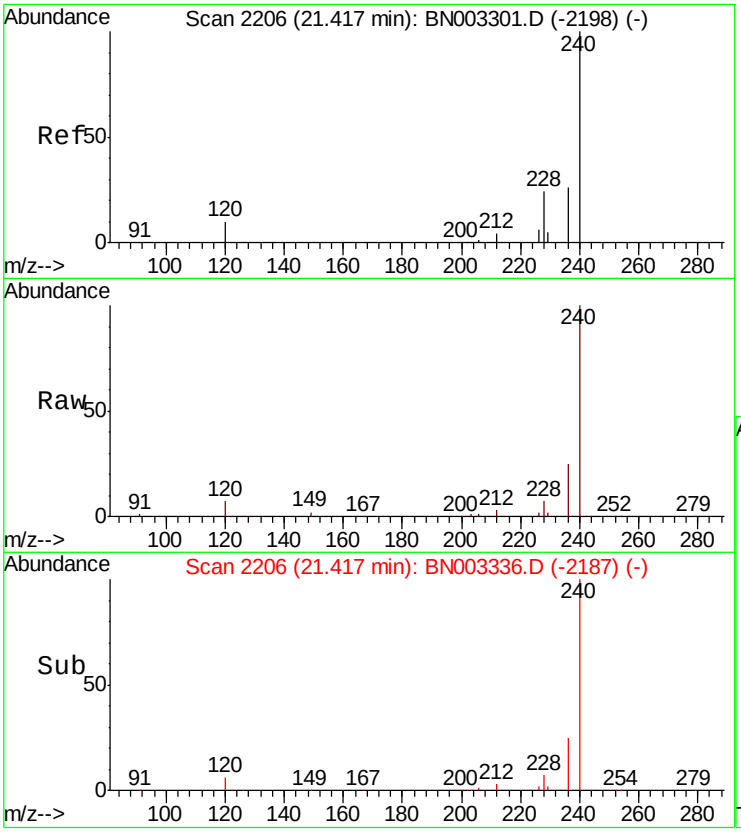


#26
Fluoranthene
Concen: 0.346 ng
RT: 19.29 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:202 Resp: 94660

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.1	13.8	20.6



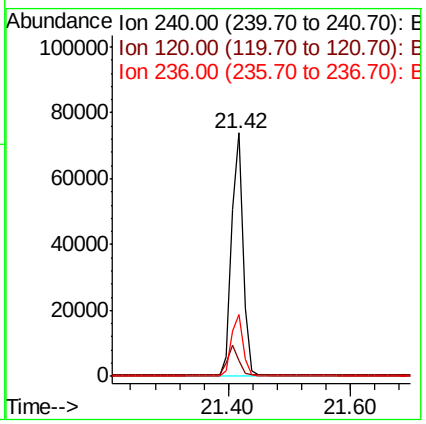


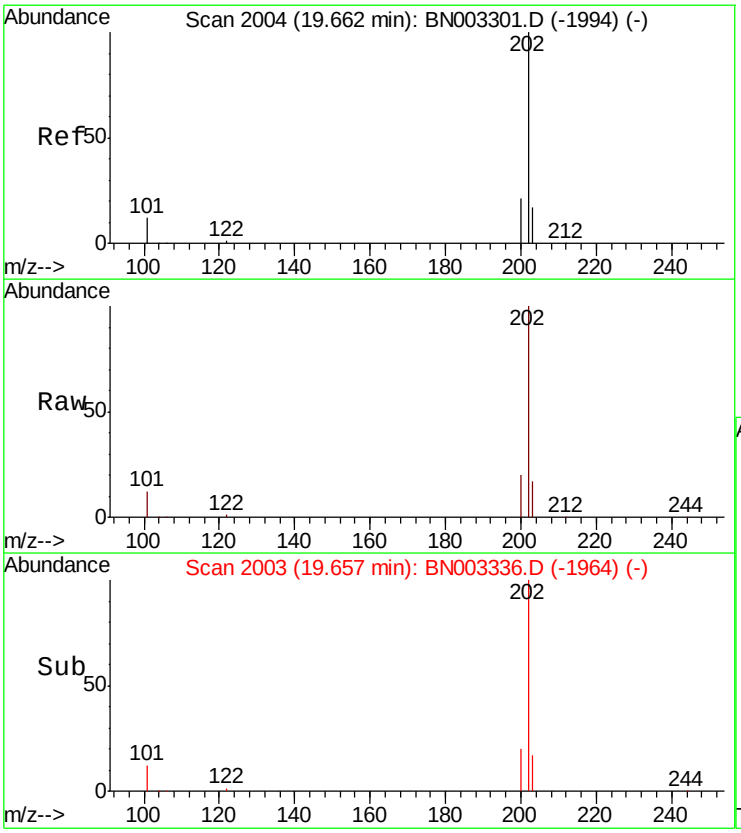
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 98059

Ion	Ratio	Lower	Upper
240	100		
120	6.5	9.3	13.9#
236	25.3	21.0	31.4

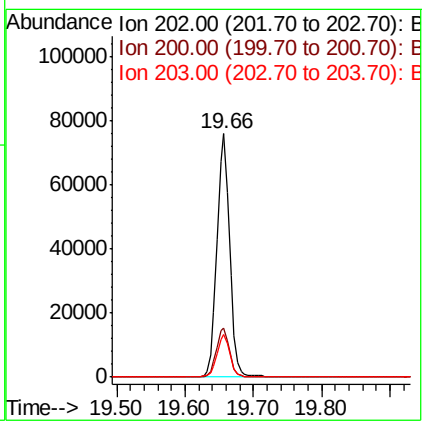


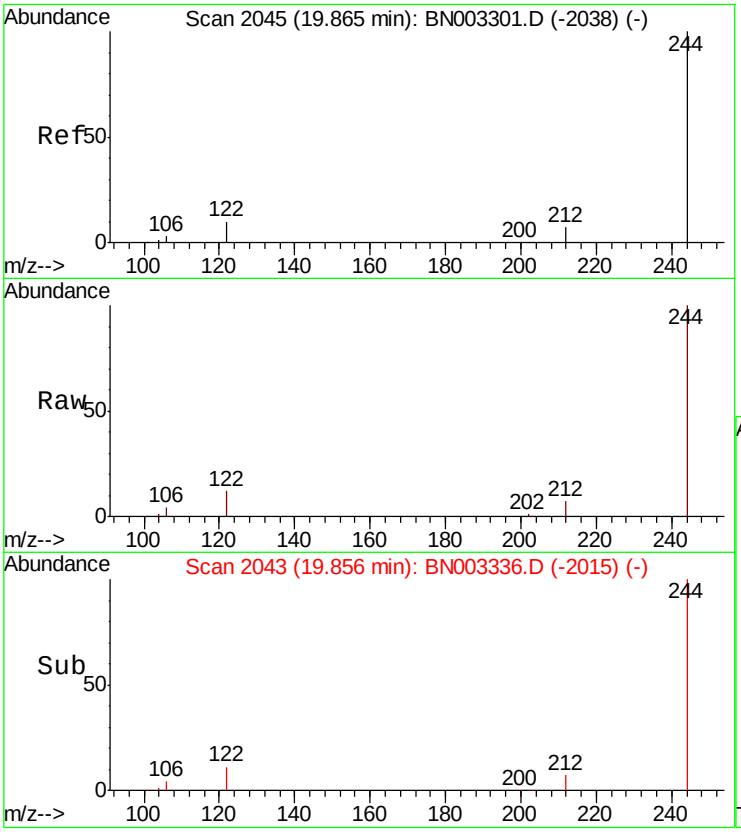


#28
Pyrene
Concen: 0.360 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:202 Resp: 97618

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



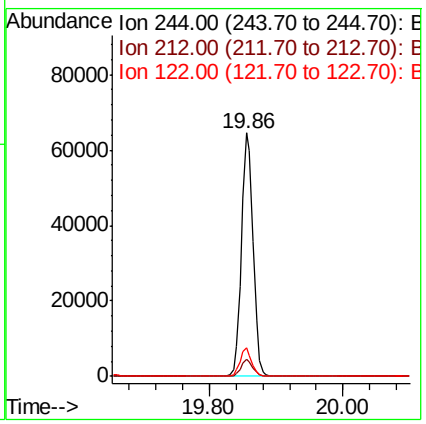


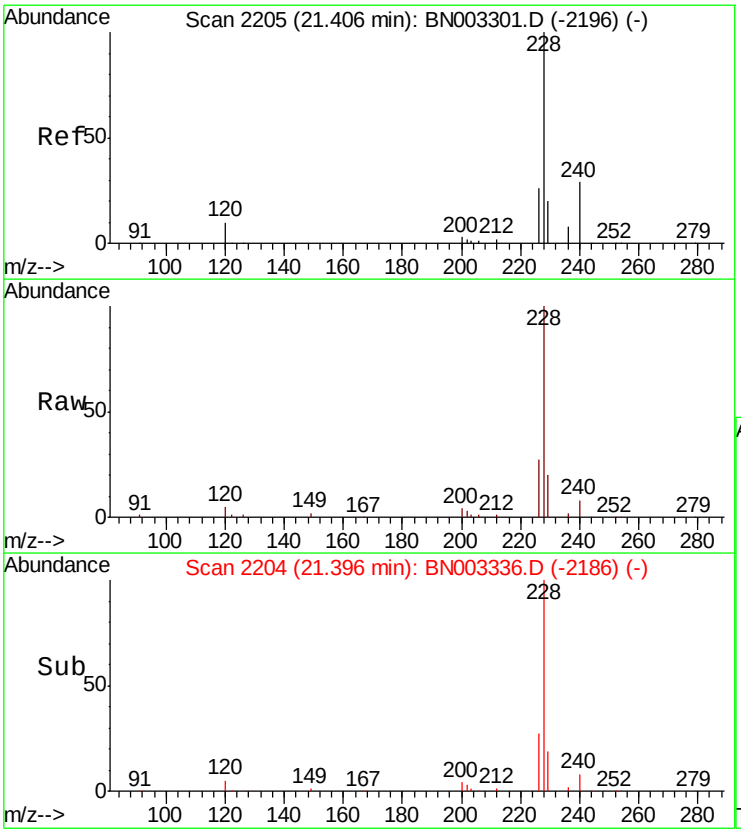
#29
Terphenyl-d14
Concen: 0.344 ng
RT: 19.86 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 78370

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.5	8.5	12.7

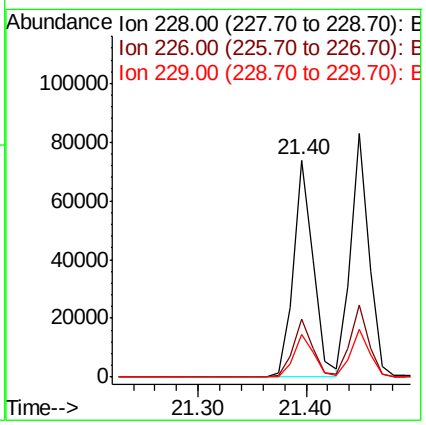


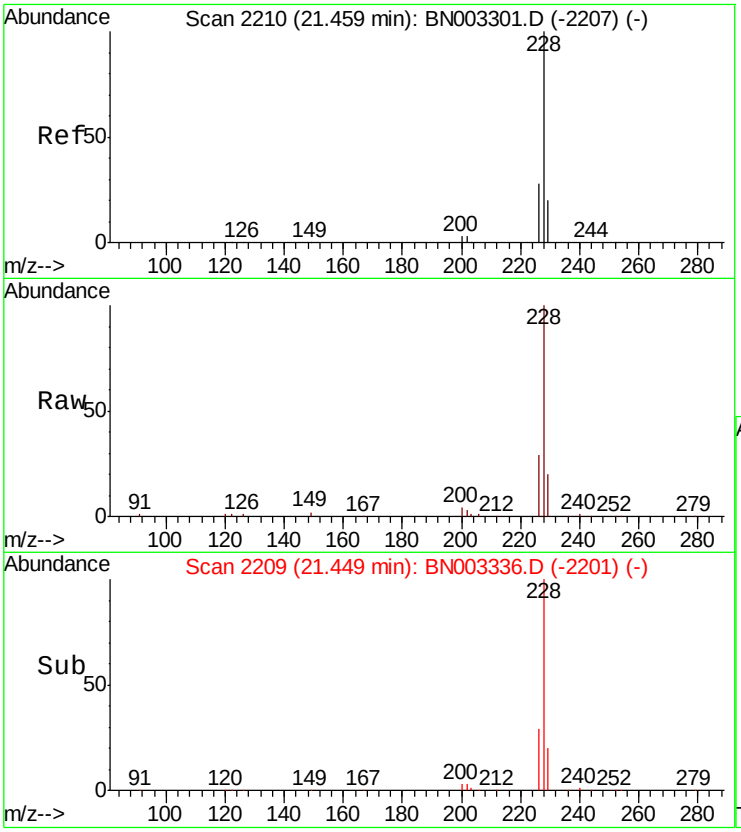


#30
Benzo(a)anthracene
Concen: 0.364 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:228 Resp: 93466

Ion	Ratio	Lower	Upper
228	100		
226	27.0	20.8	31.2
229	19.5	16.1	24.1



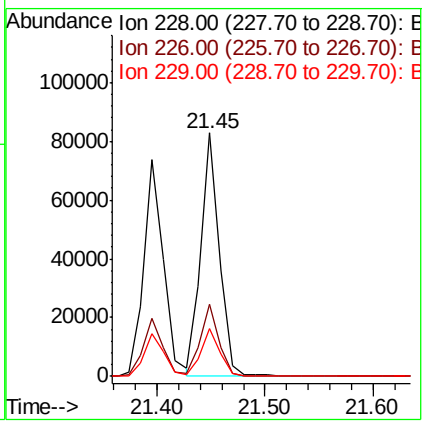


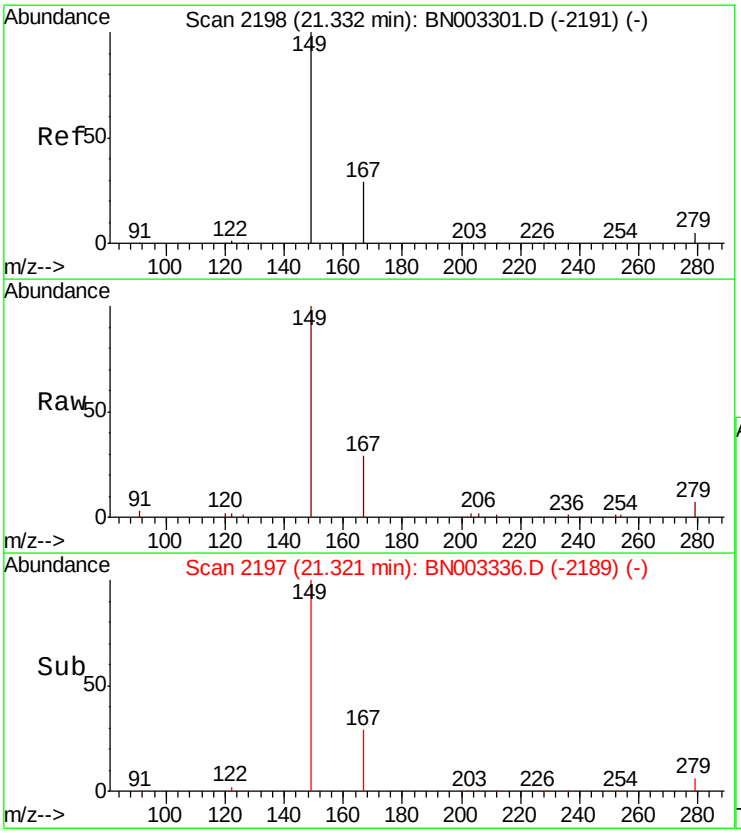
#31
Chrysene
Concen: 0.353 ng
RT: 21.45 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 97792

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.7	34.1
229	19.7	16.0	24.0

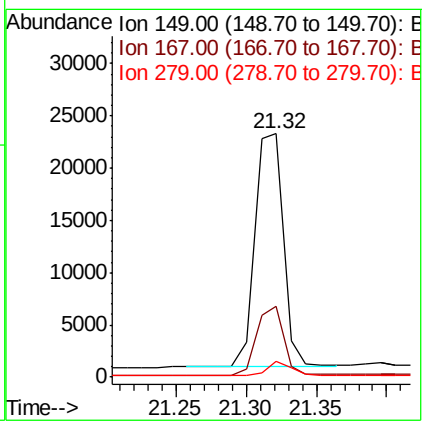


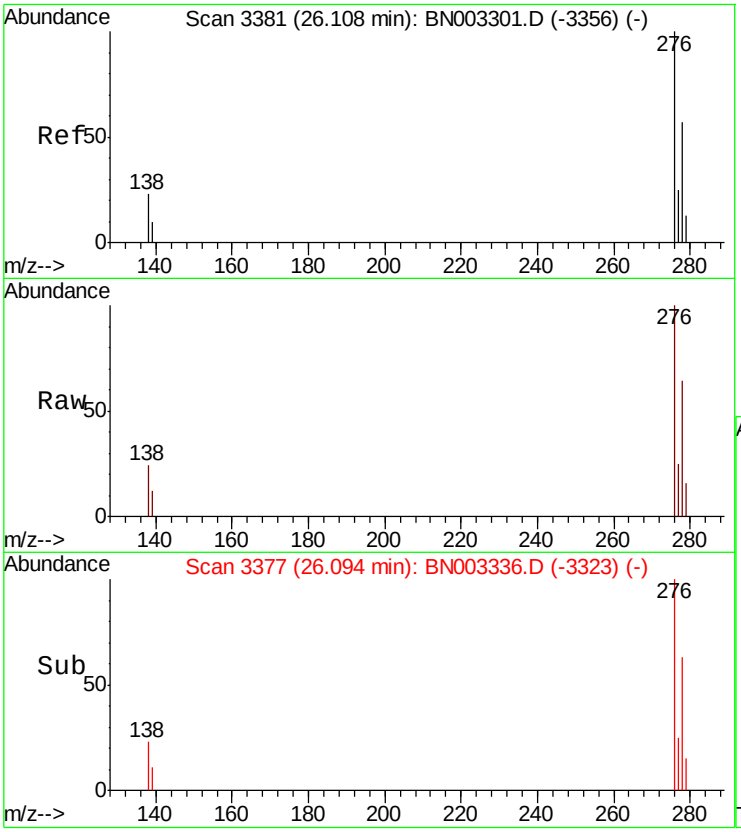


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.418 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:149 Resp: 31763

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



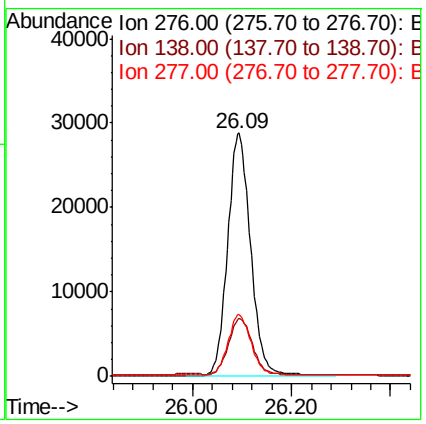


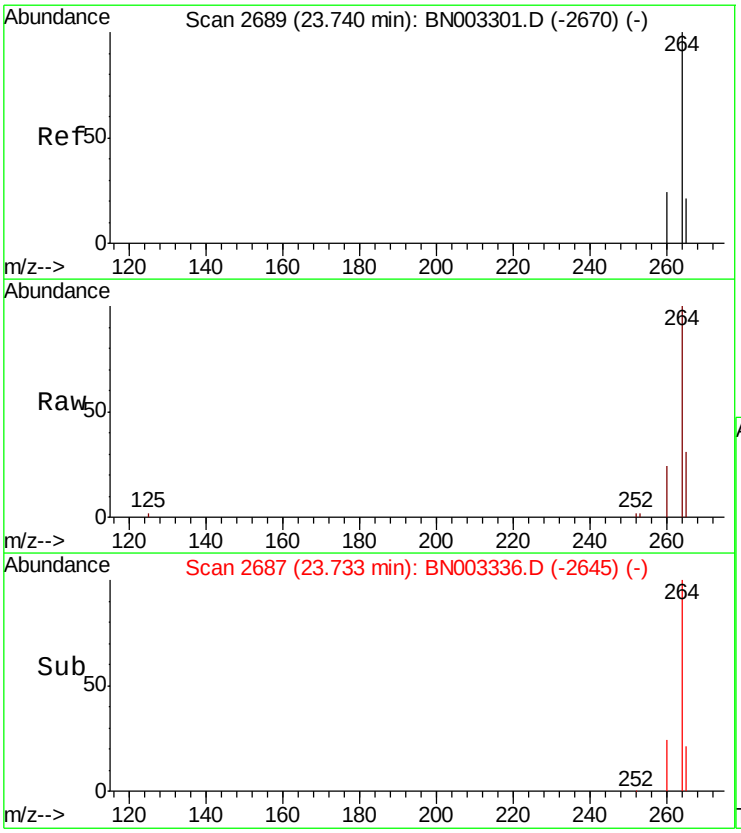
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng
RT: 26.09 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 91785

Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.6	30.8
277	24.9	20.0	30.0

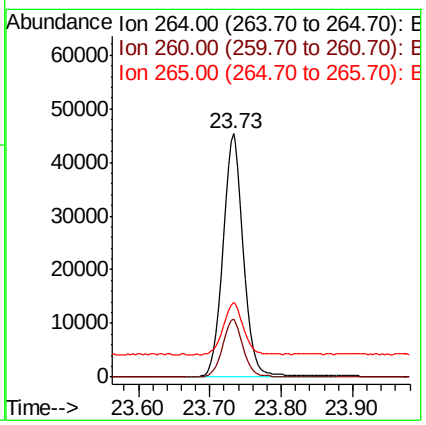


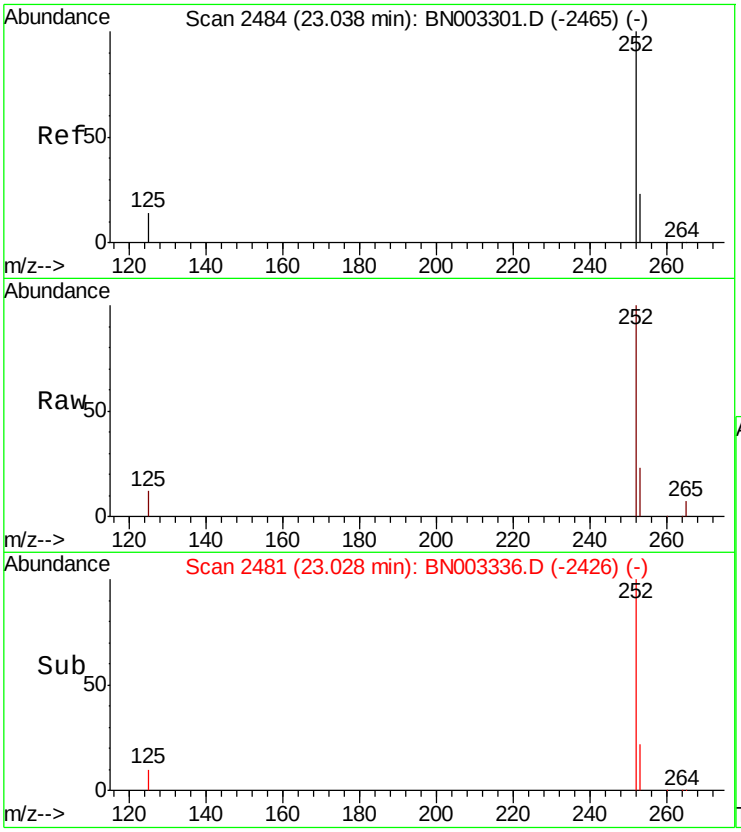


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2687
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:264 Resp: 89413

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	30.5	26.4	39.6



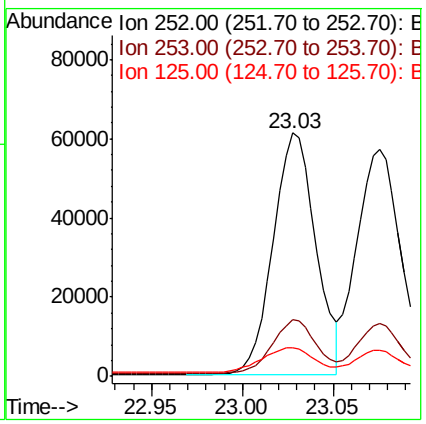


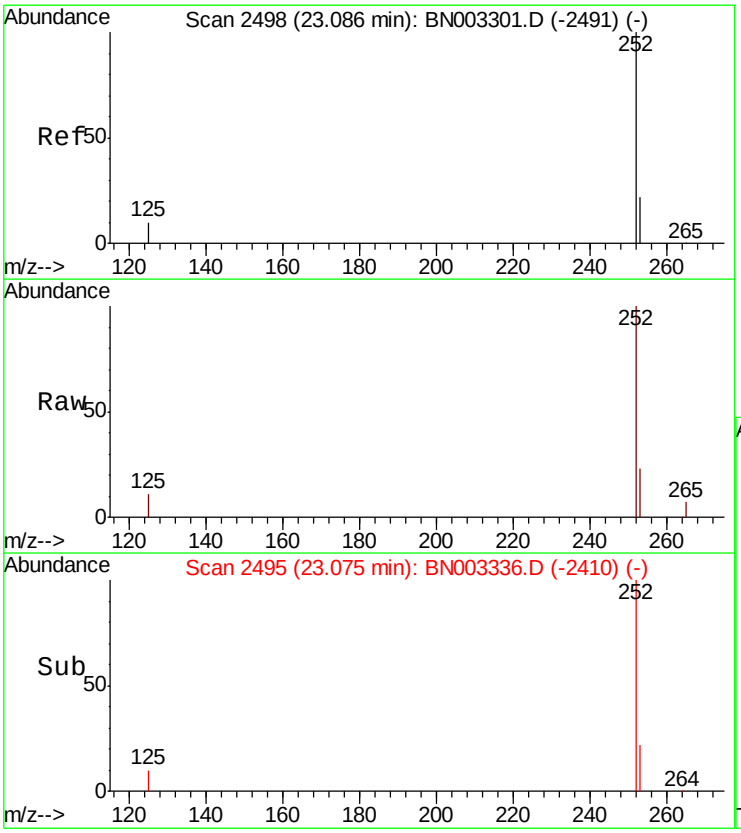
#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 23.03 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 99317

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	12.0	12.7	19.1#

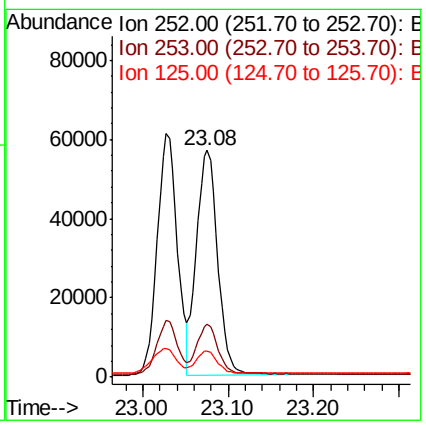


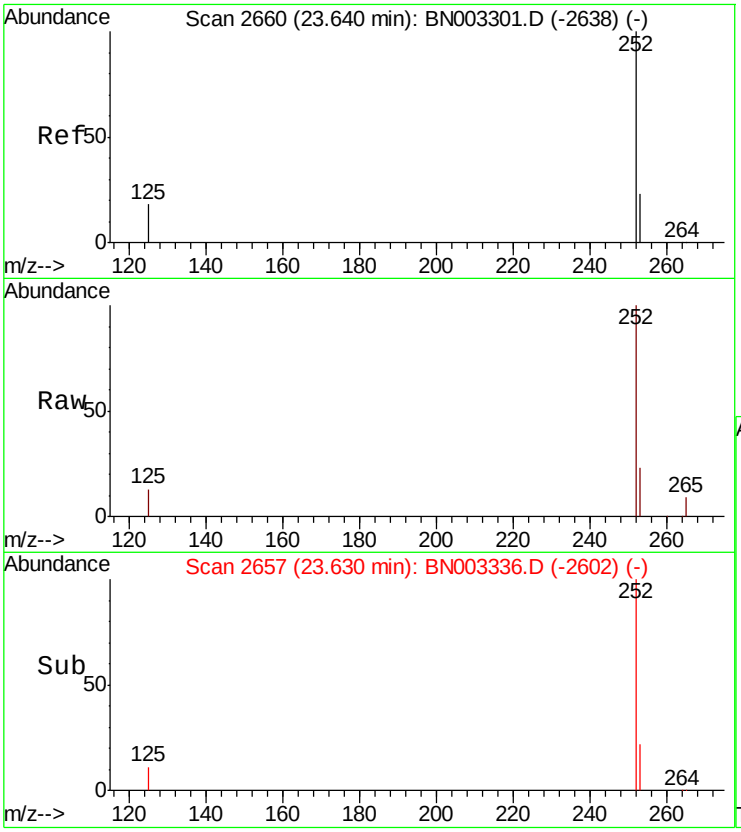


#36
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 23.08 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:252 Resp: 97573

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.4	9.1	13.7



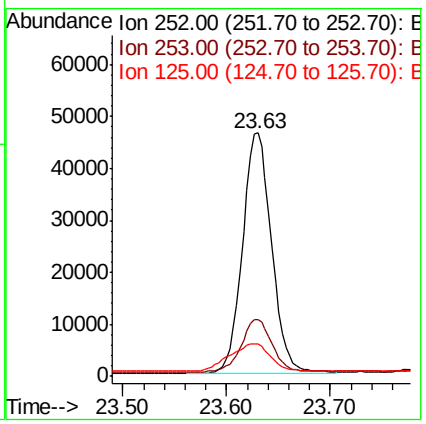


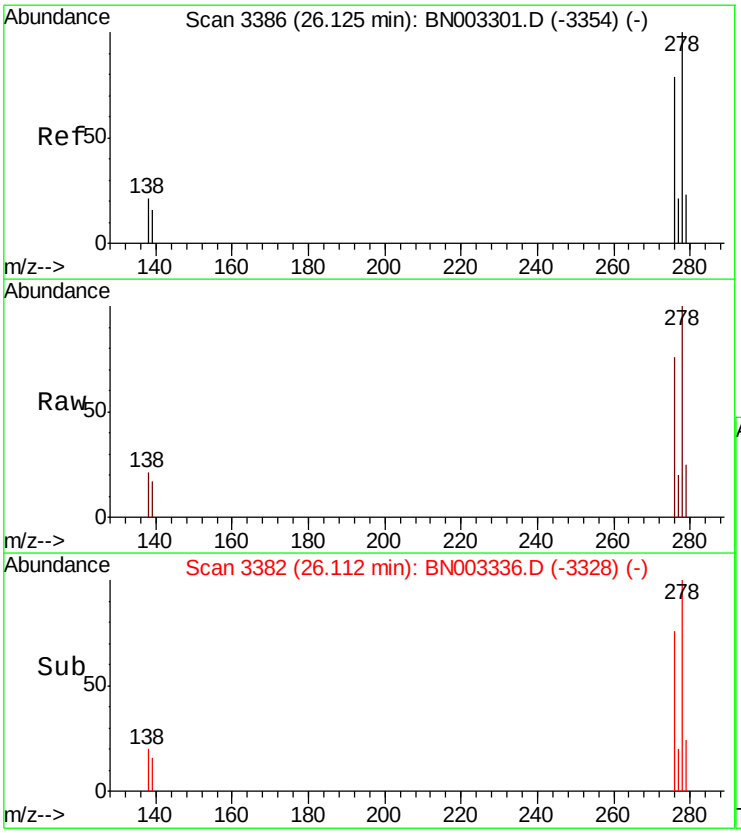
#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.63 min Scan# 2657
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 90128

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.1	30.1
125	13.1	16.0	24.0#

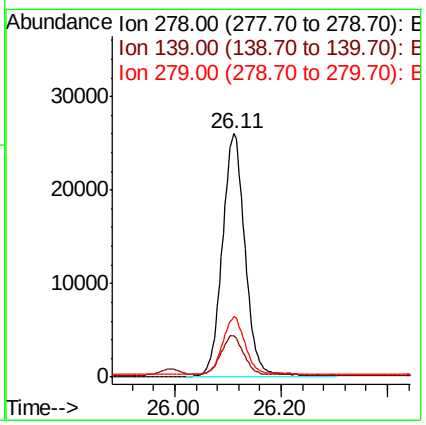


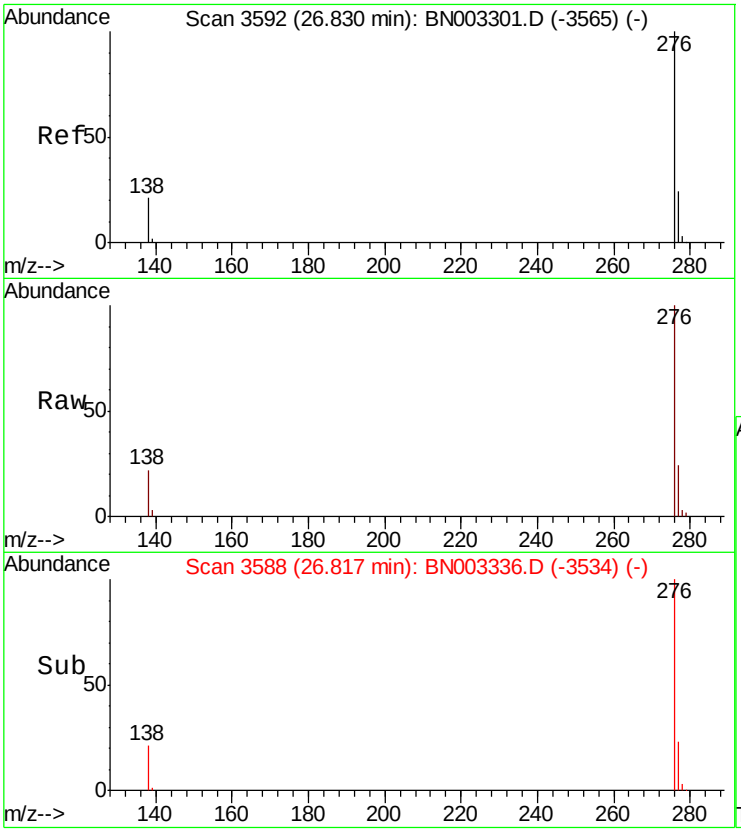


#38
Dibenzo(a,h)anthracene
Concen: 0.324 ng
RT: 26.11 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Tgt Ion:278 Resp: 76627

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: 0.314 ng
RT: 26.82 min Scan# 3588
Delta R.T. -0.01 min
Lab File: BN003336.D
Acq: 29 Oct 2018 17:15

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 74360

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	21.9	17.4	26.2