Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
Data File : BN005063.D
Acq On : 02 Apr 2019 16:58
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Apr 03 01:58:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	3184	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	13663	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	7911	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	18935	0.40	ng		0.00
27) Chrysene-d12	21.27	240	21148	0.40	ng		0.01
34) Perylene-d12	23.51	264	19972	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3351	0.42	ng		0.00
5) Phenol-d6	6.83	99	3961	0.42	ng		-0.02
8) Nitrobenzene-d5	8.82	82	3153	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.03	152	9010	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.80	330	1733	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	13211	0.44	ng		0.00
25) Fluoranthene-d10	19.10	212	22540	0.42	ng		0.00
29) Terphenyl-d14	19.70	244	18852	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	1438	0.420	ng		98
3) n-Nitrosodimethylamine	3.53	42	752	0.360	ng	#	95
6) bis(2-Chloroethyl)ether	7.09	93	3806	0.428	ng		99
9) Naphthalene	10.48	128	14788	0.431	ng		99
10) Hexachlorobutadiene	10.74	225	2840	0.445	ng	#	99
12) 2-Methylnaphthalene	12.11	142	10510	0.424	ng		98
16) Acenaphthylene	14.02	152	15364	0.411	ng		99
17) Acenaphthene	14.37	154	10317	0.435	ng		99
18) Fluorene	15.36	166	13679	0.430	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	4469	0.412	ng		93
21) Hexachlorobenzene	16.36	284	5314	0.444	ng		97
22) Pentachlorophenol	16.73	266	846	0.429	ng		98
23) Phenanthrene	17.10	178	22596	0.426	ng		100
24) Anthracene	17.20	178	19302	0.409	ng		100
26) Fluoranthene	19.13	202	26773	0.412	ng		100
28) Pyrene	19.49	202	27205	0.453	ng		100
30) Benzo(a)anthracene	21.25	228	24684	0.414	ng		98
31) Chrysene	21.30	228	27924	0.434	ng		98
32) Bis(2-ethylhexyl)phthalate	21.16	149	9307	0.373	ng		100
33) Indeno(1,2,3-cd)pyrene	25.76	276	28785	0.398	ng		99
35) Benzo(b)fluoranthene	22.83	252	28977	0.453	ng		99
36) Benzo(k)fluoranthene	22.88	252	27504	0.444	ng		99
37) Benzo(a)pyrene	23.41	252	24336	0.427	ng		99
38) Dibenzo(a,h)anthracene	25.77	278	23361	0.410	ng		99
39) Benzo(g,h,i)perylene	26.45	276	23768	0.414	ng		99

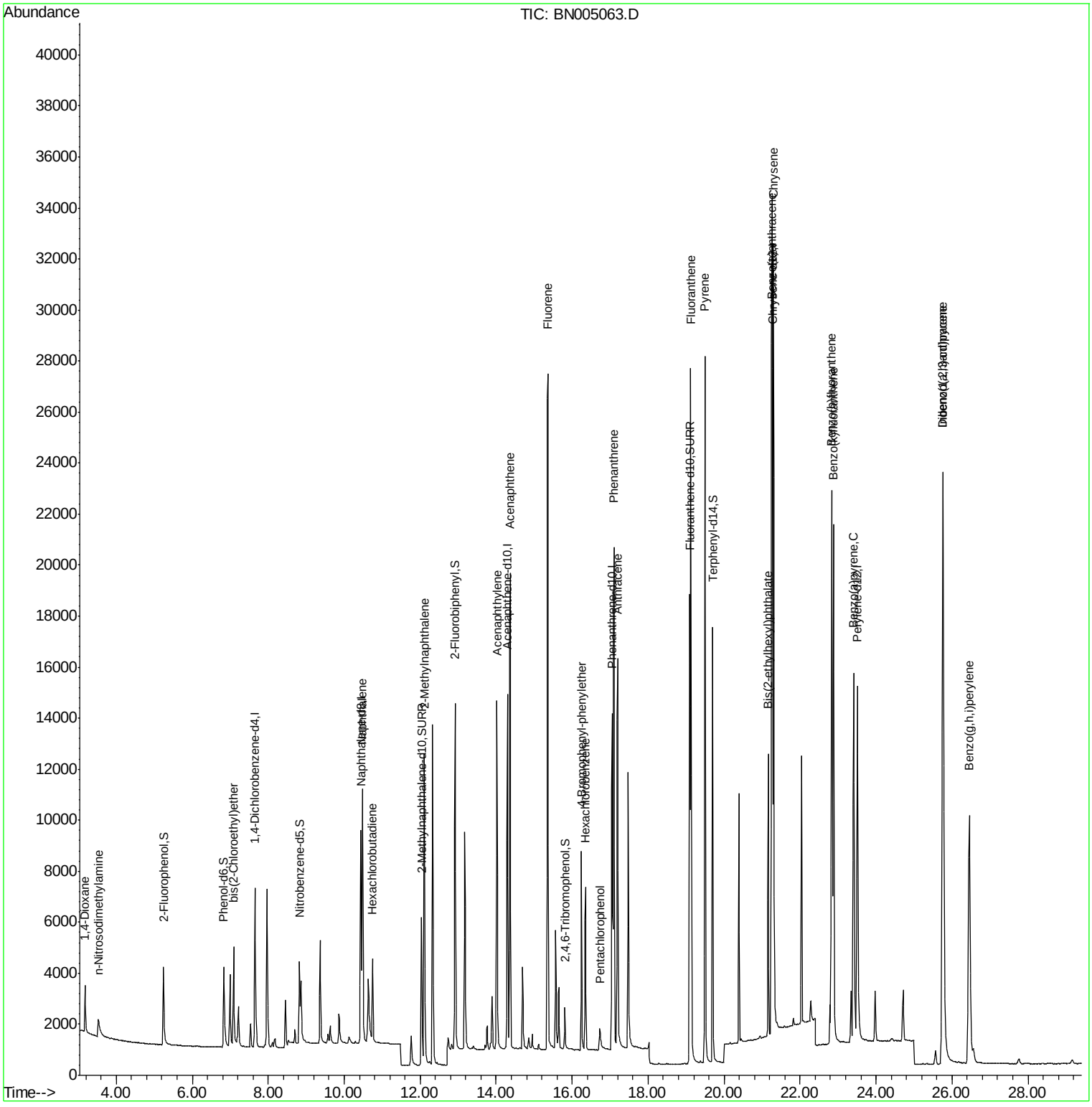
(#) = qualifier out of range (m) = manual integration (+) = signals summed

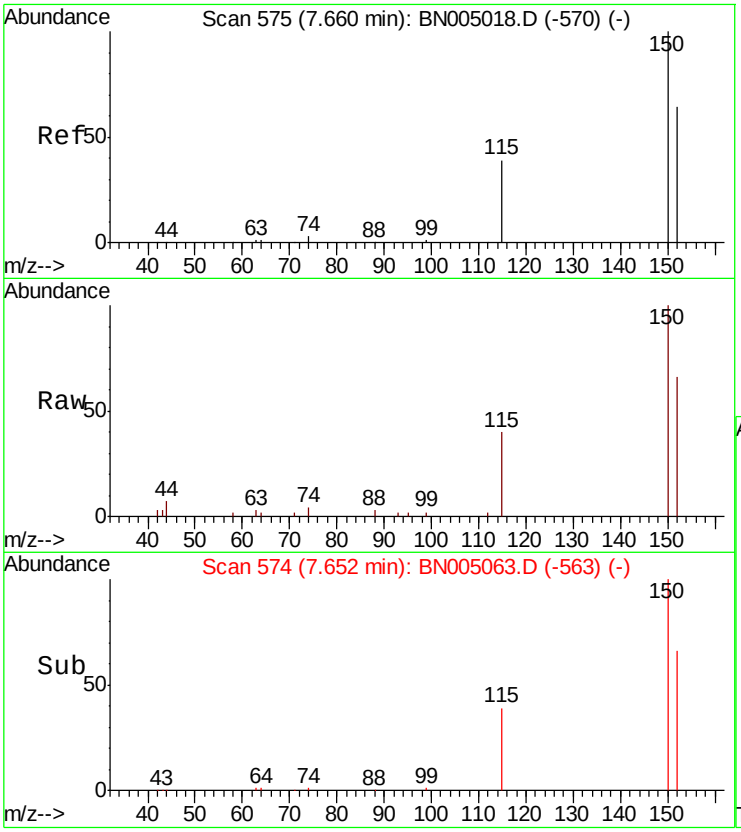
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
Data File : BN005063.D
Acq On : 02 Apr 2019 16:58
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 03 01:58:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration



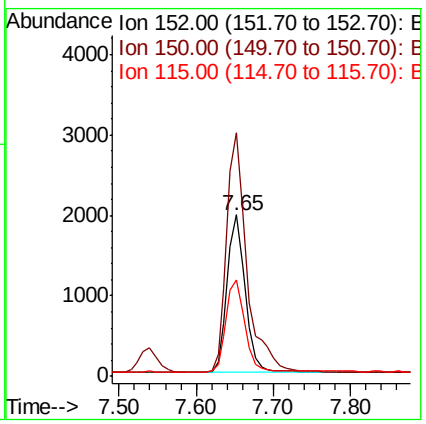


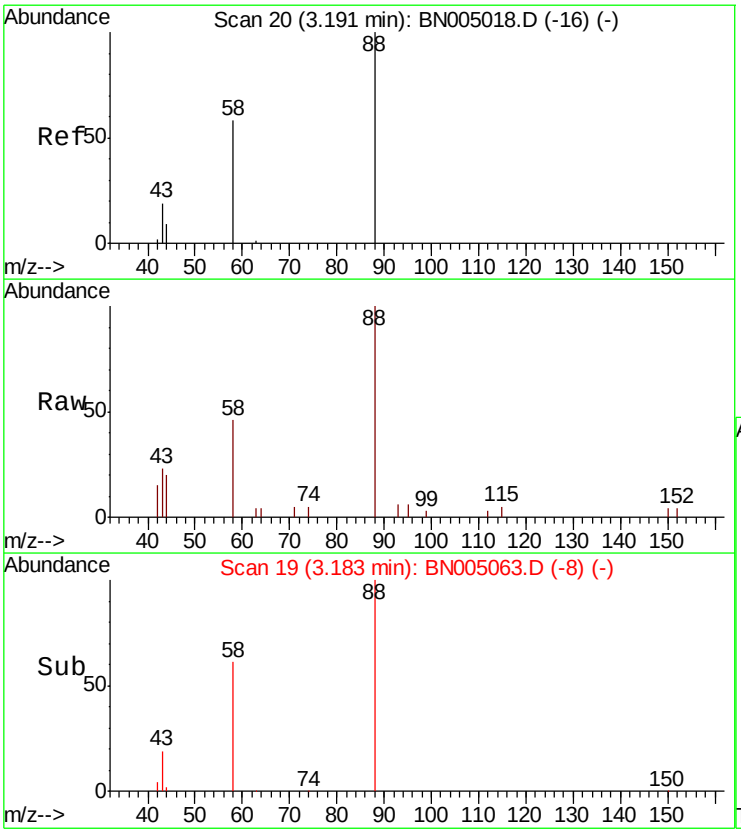
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 574
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3184

Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.4	185.2
115	59.9	50.0	75.0

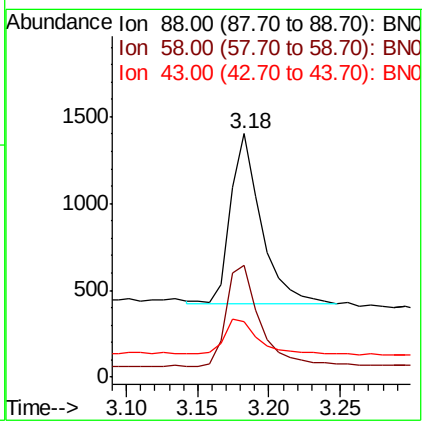


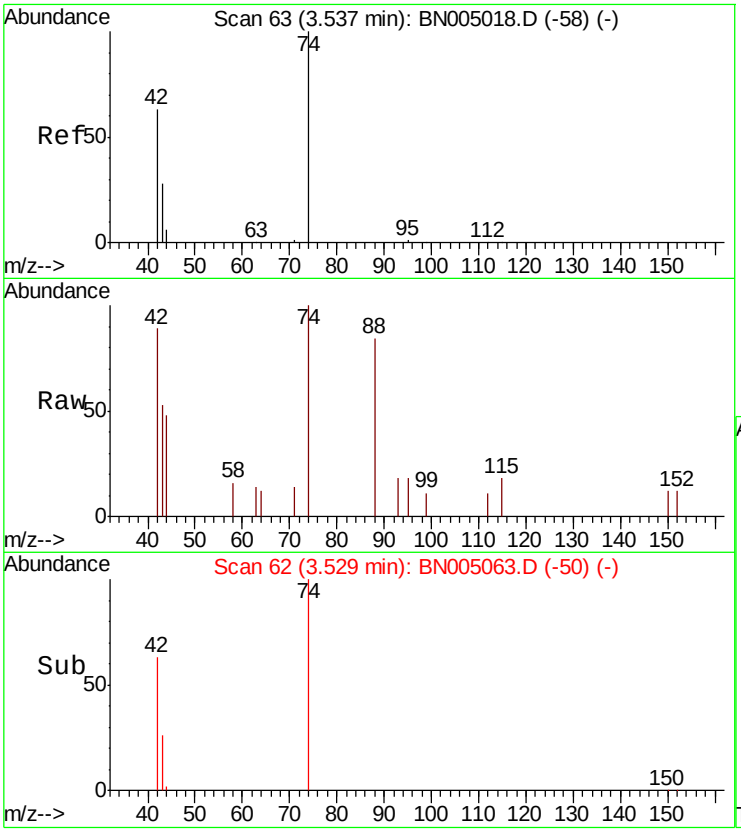


#2
1,4-Dioxane
Concen: 0.420 ng
RT: 3.18 min Scan# 19
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion: 88 Resp: 1438

Ion	Ratio	Lower	Upper
88	100		
58	66.7	52.8	79.2
43	22.3	19.6	29.4



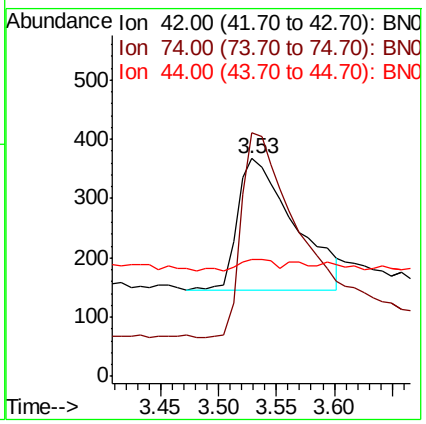


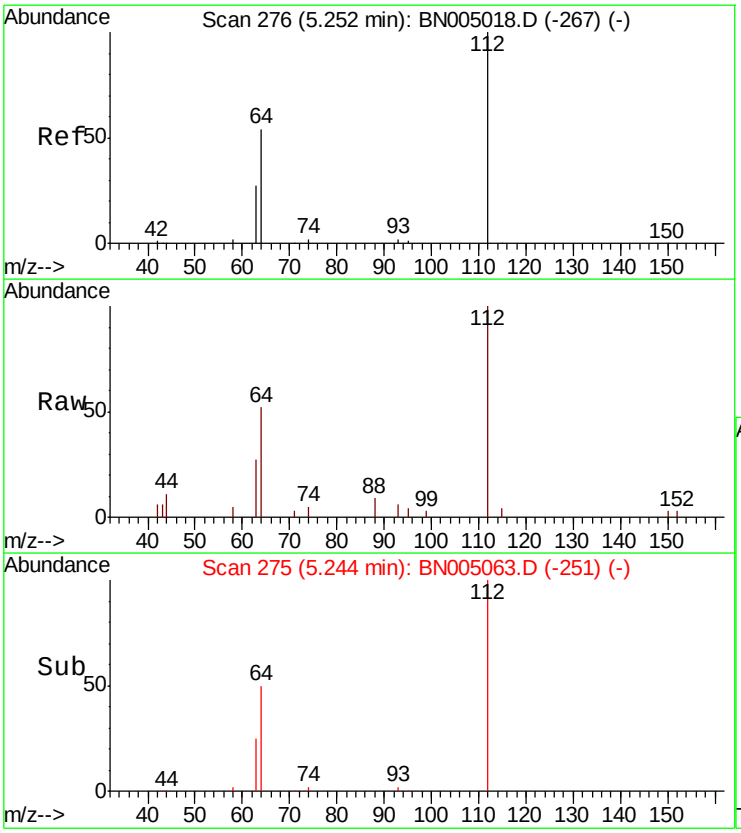
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.53 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 752

Ion	Ratio	Lower	Upper
42	100		
74	156.9	129.1	193.7
44	5.3	11.6	17.4#

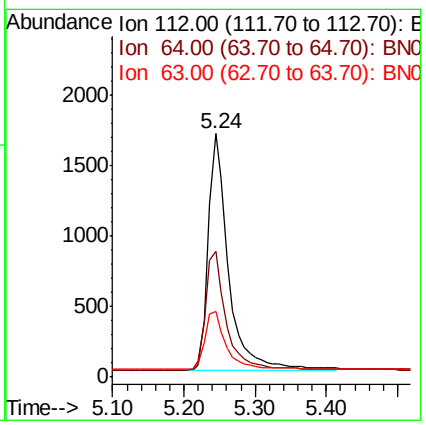


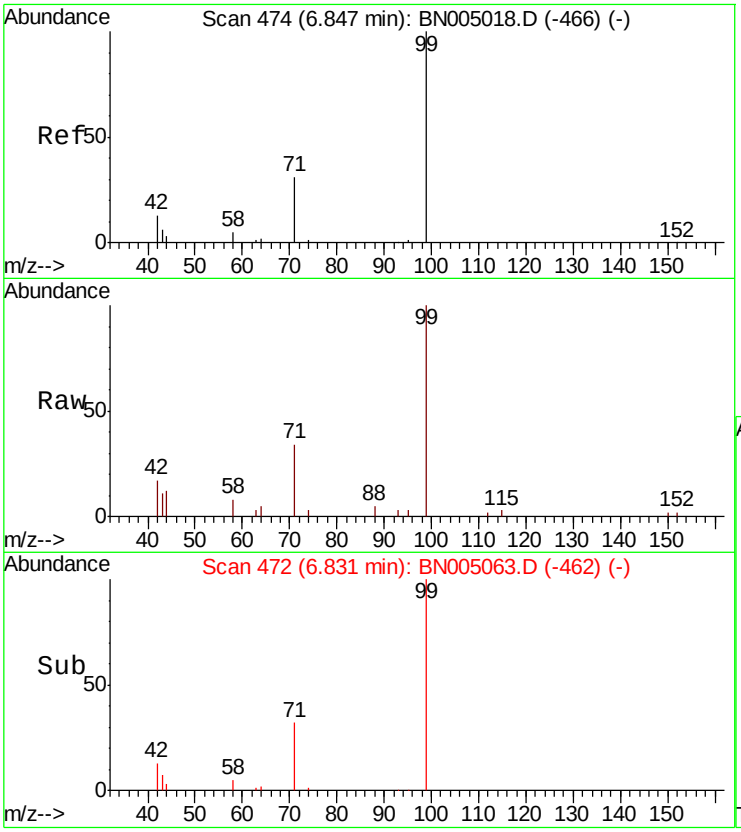


#4
2-Fluorophenol
Concen: 0.422 ng
RT: 5.24 min Scan# 275
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:112 Resp: 3351

Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.9	62.9
63	25.9	21.5	32.3



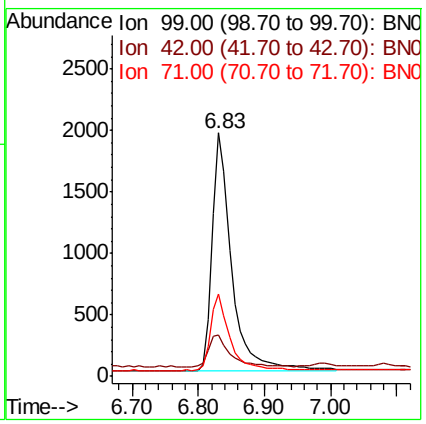


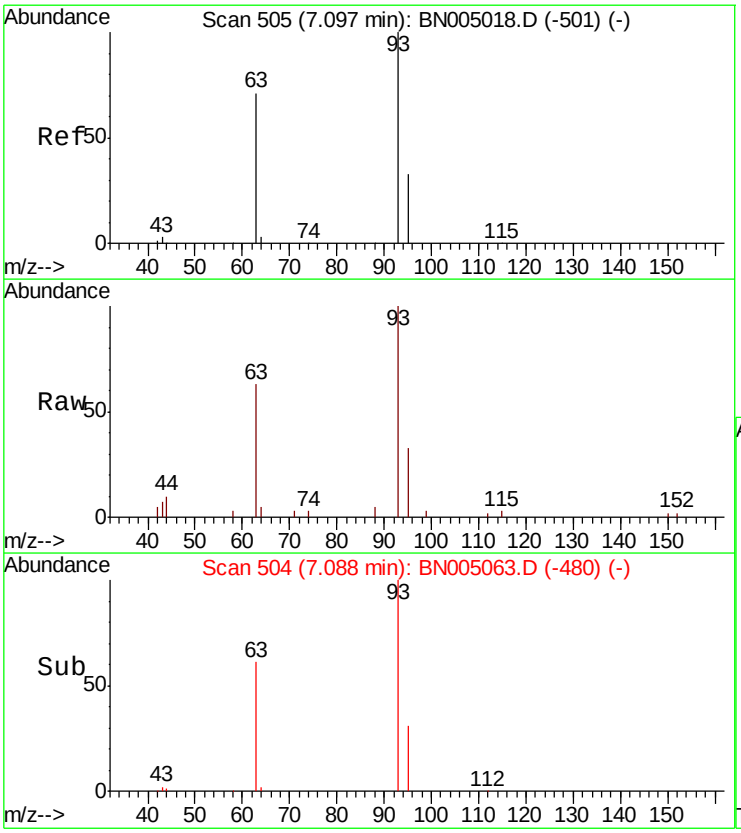
#5
Phenol-d6
Concen: 0.421 ng
RT: 6.83 min Scan# 472
Delta R.T. -0.02 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3961

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	31.5	26.1	39.1

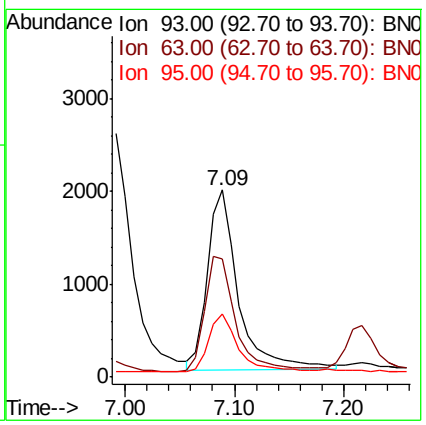


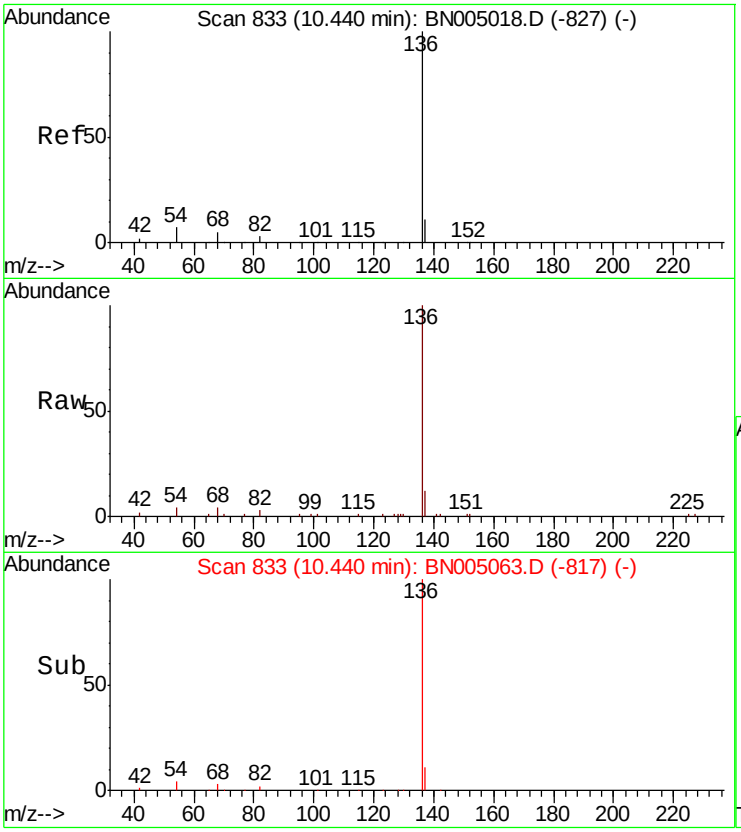


#6
bis(2-Chloroethyl)ether
Concen: 0.428 ng
RT: 7.09 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion: 93 Resp: 3806

Ion	Ratio	Lower	Upper
93	100		
63	63.5	51.8	77.6
95	30.5	24.8	37.2



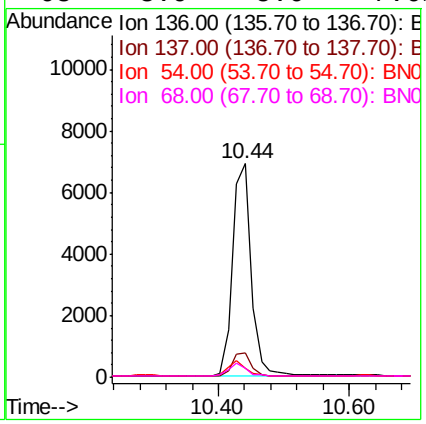


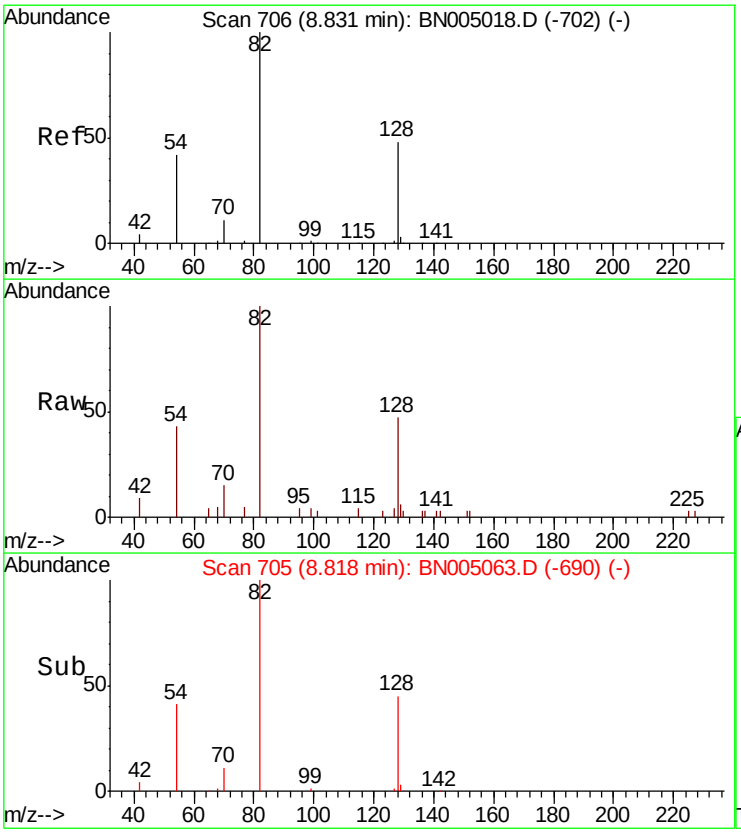
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 13663

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	4.4	6.0	9.0#
68	3.9	5.0	7.6#

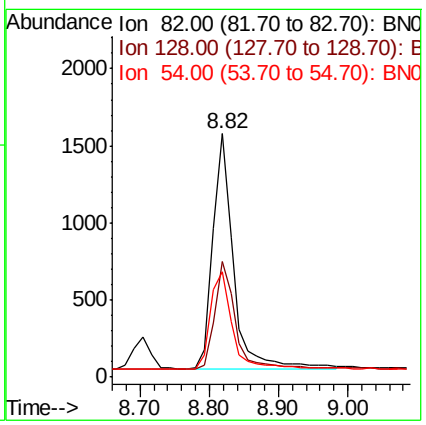


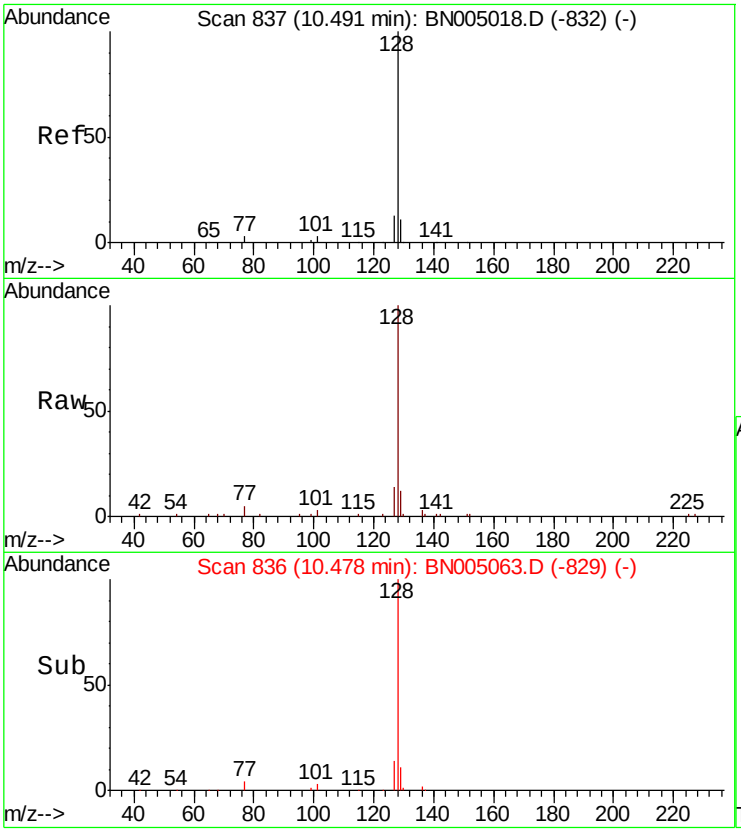


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.82 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion: 82 Resp: 3153

Ion	Ratio	Lower	Upper
82	100		
128	47.4	40.5	60.7
54	43.4	35.7	53.5



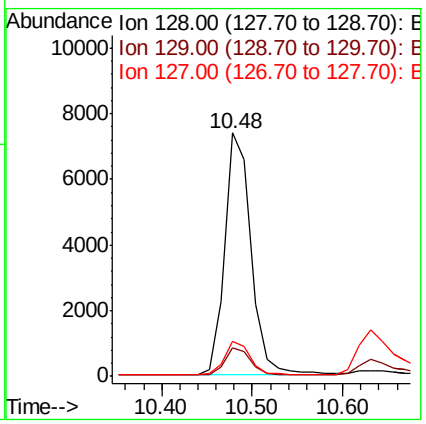


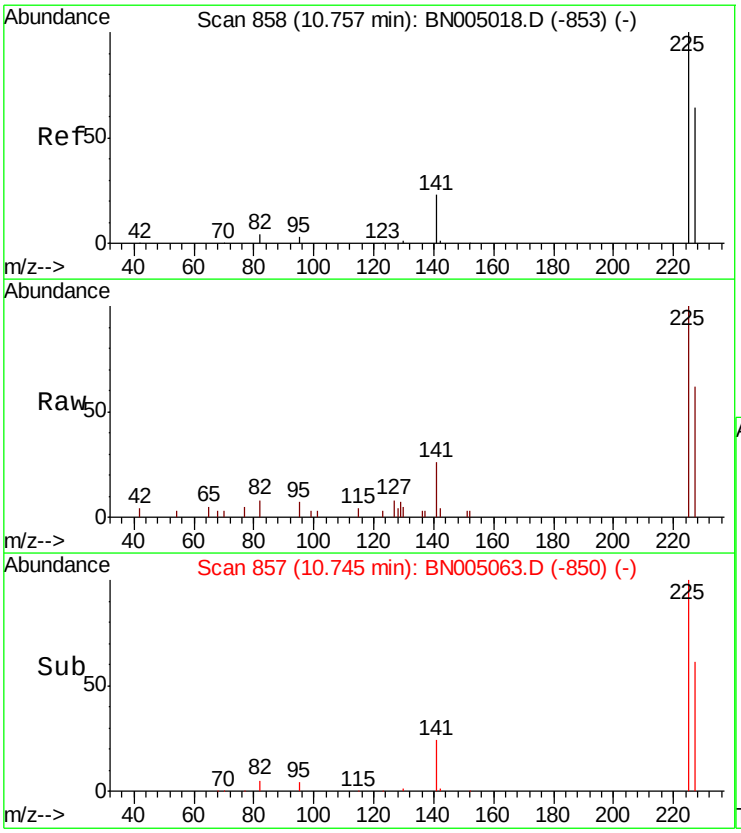
#9
Naphthalene
Concen: 0.431 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 14788

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.2	11.0	16.6

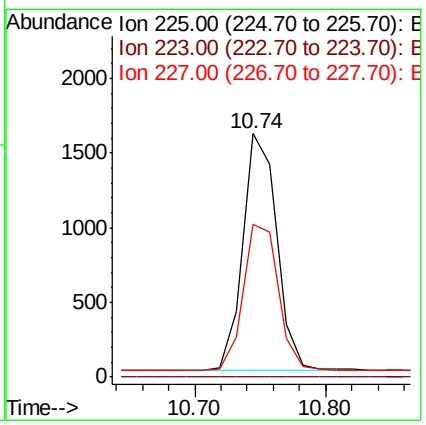


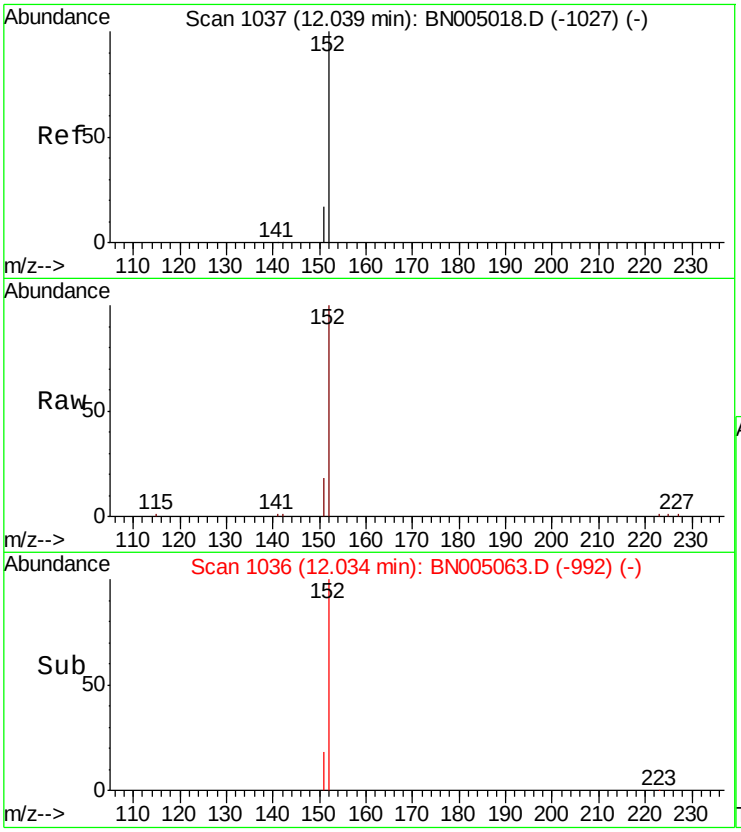


#10
Hexachlorobutadiene
Concen: 0.445 ng
RT: 10.74 min Scan# 857
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:225 Resp: 2840

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.5	77.3



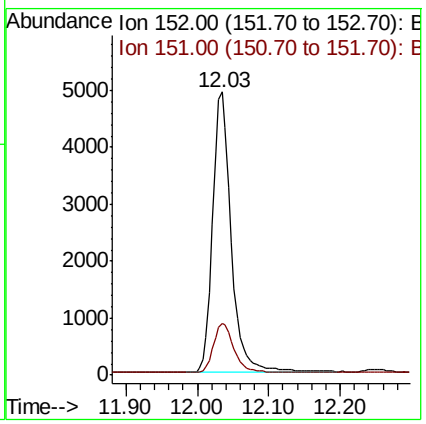


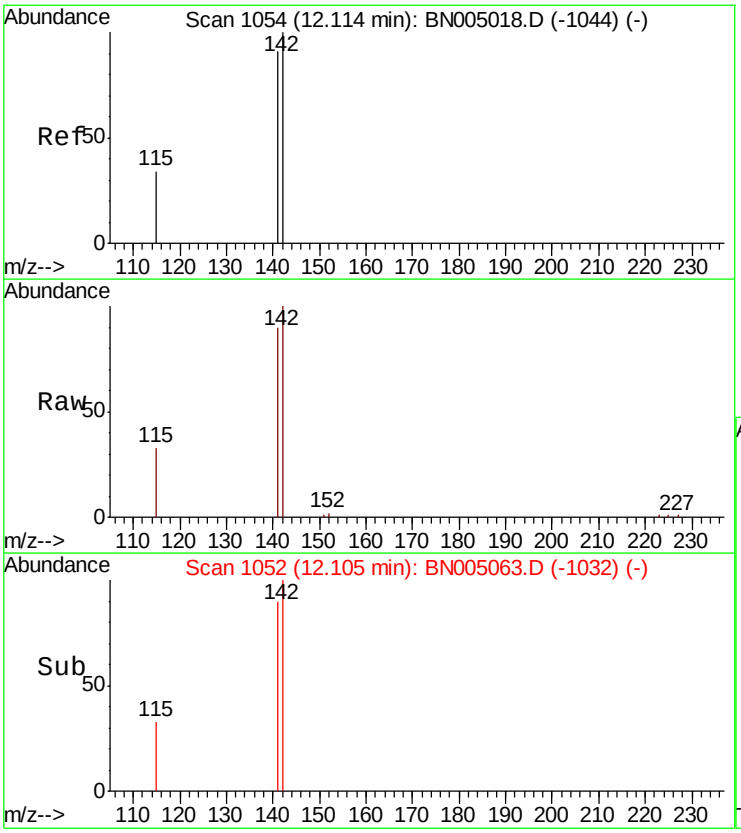
#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 12.03 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9010

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

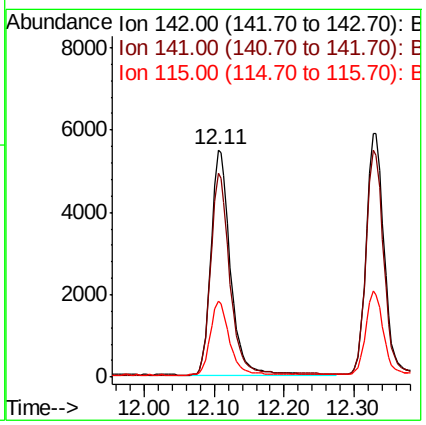


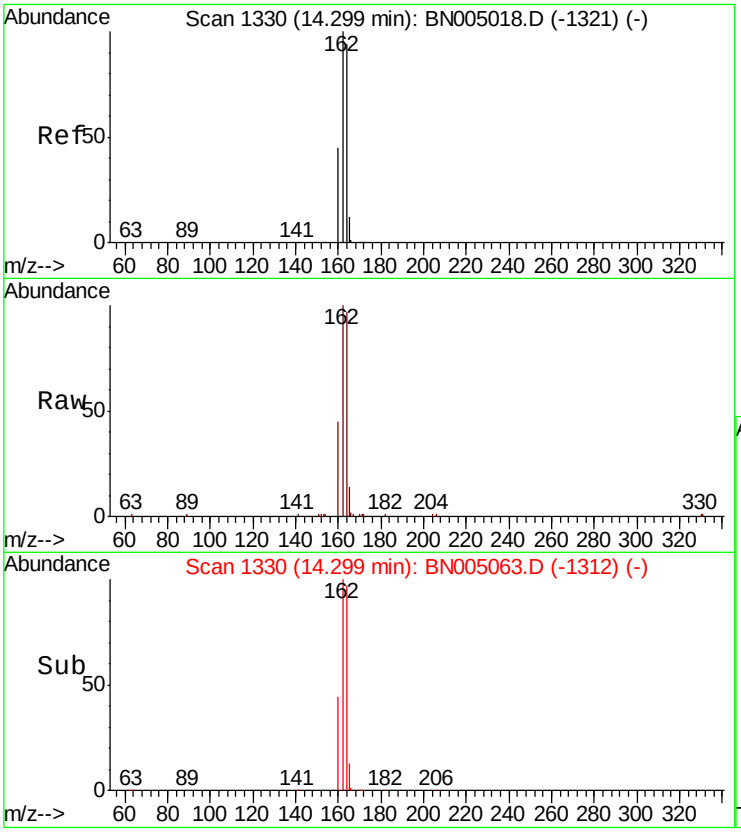


#12
2-Methylnaphthalene
Concen: 0.424 ng
RT: 12.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:142 Resp: 10510

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8
115	33.4	27.8	41.8



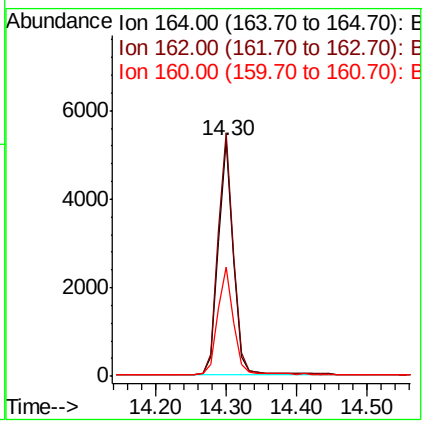


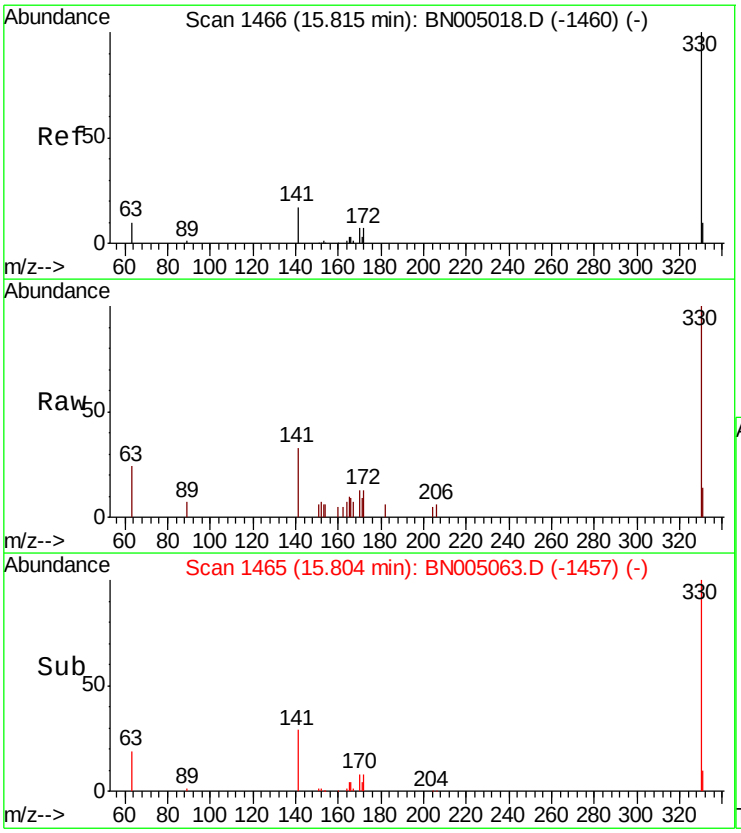
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7911

Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.3	127.9
160	46.1	39.2	58.8

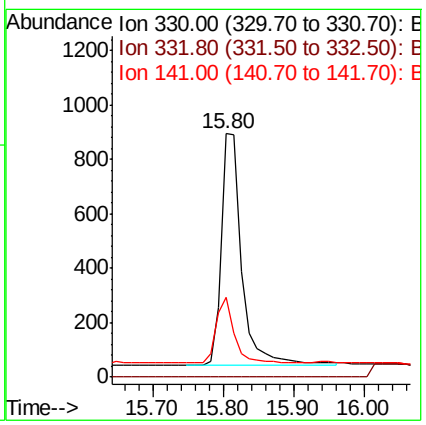


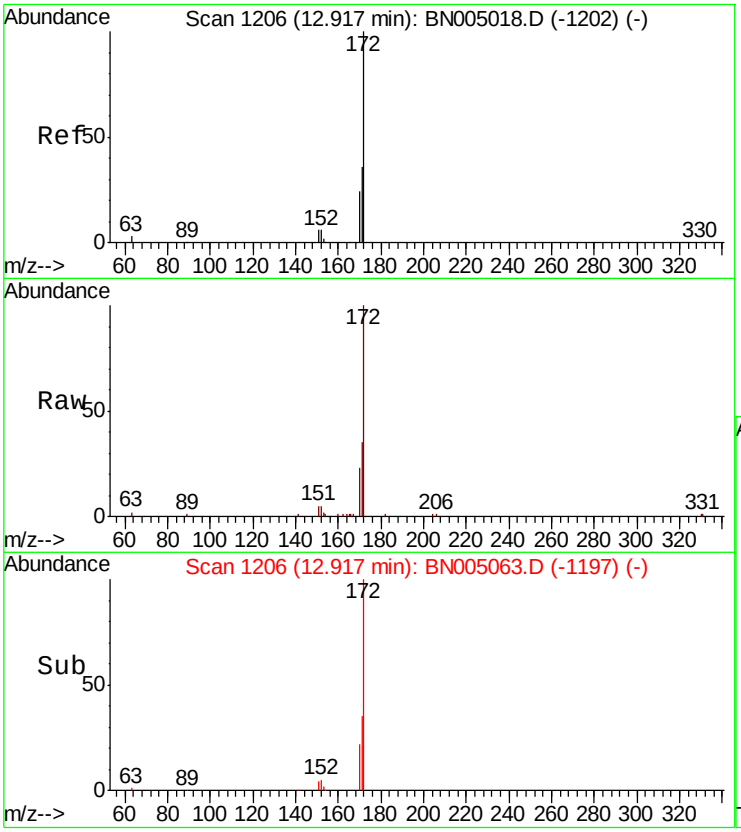


#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.80 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:330 Resp: 1733

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.6	21.3	31.9



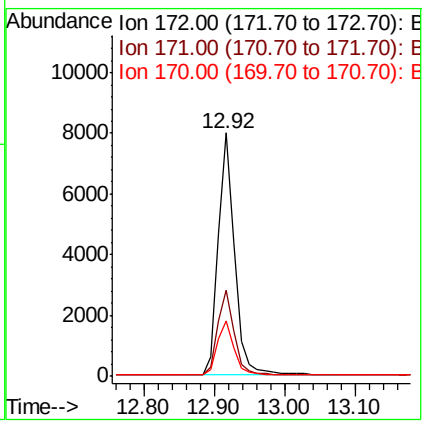


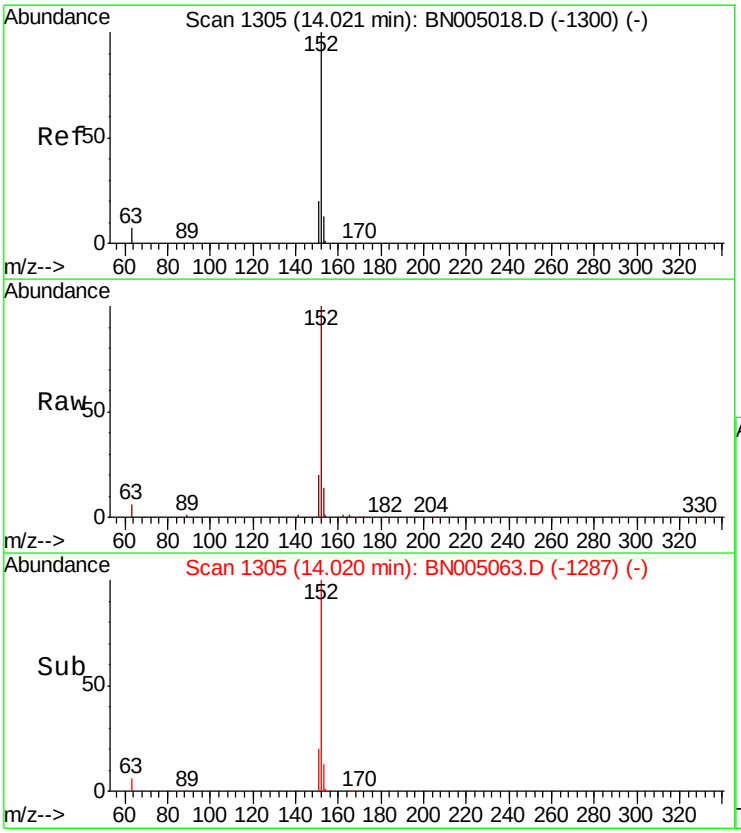
#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13211

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.0	20.0	30.0

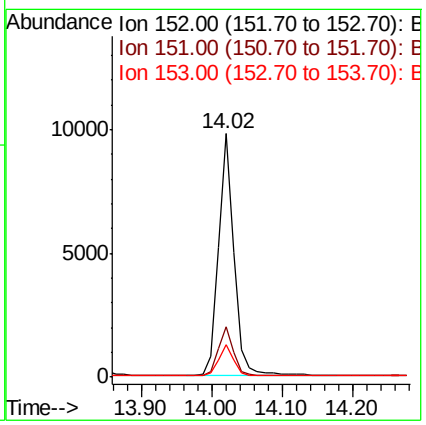


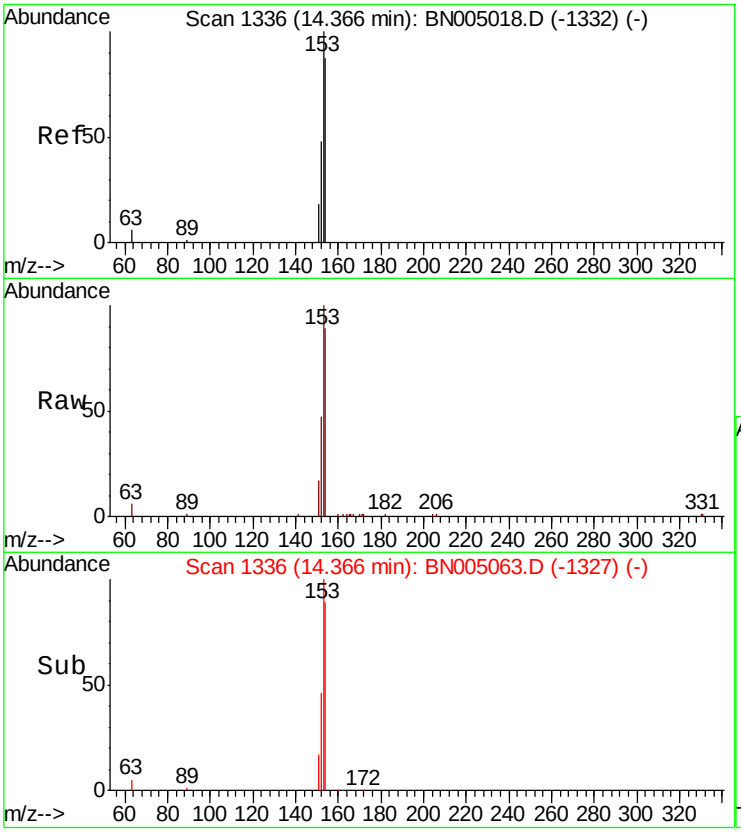


#16
Acenaphthylene
Concen: 0.411 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:152 Resp: 15364

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.0	10.6	15.8



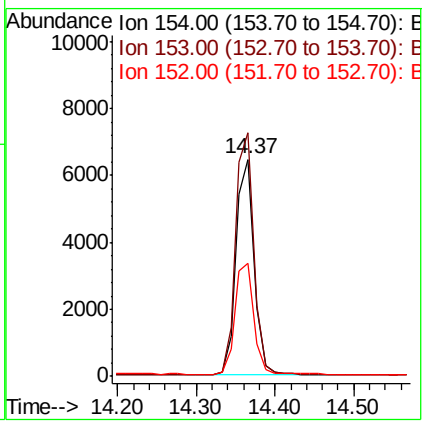


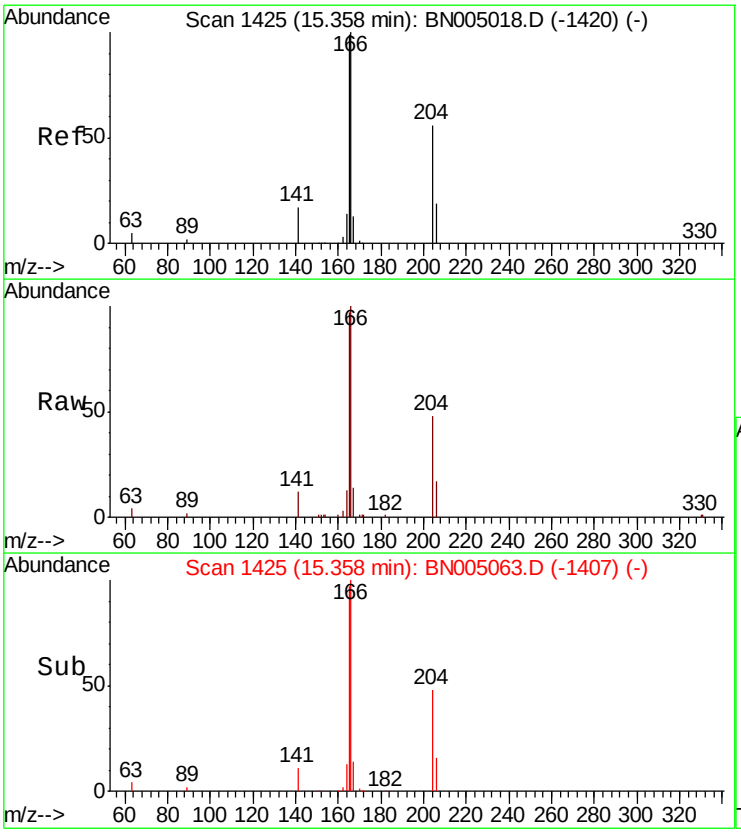
#17
Acenaphthene
Concen: 0.435 ng
RT: 14.37 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10317

Ion	Ratio	Lower	Upper
154	100		
153	114.2	92.1	138.1
152	54.3	44.2	66.2

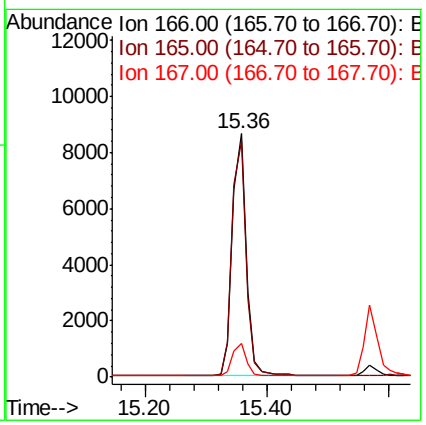


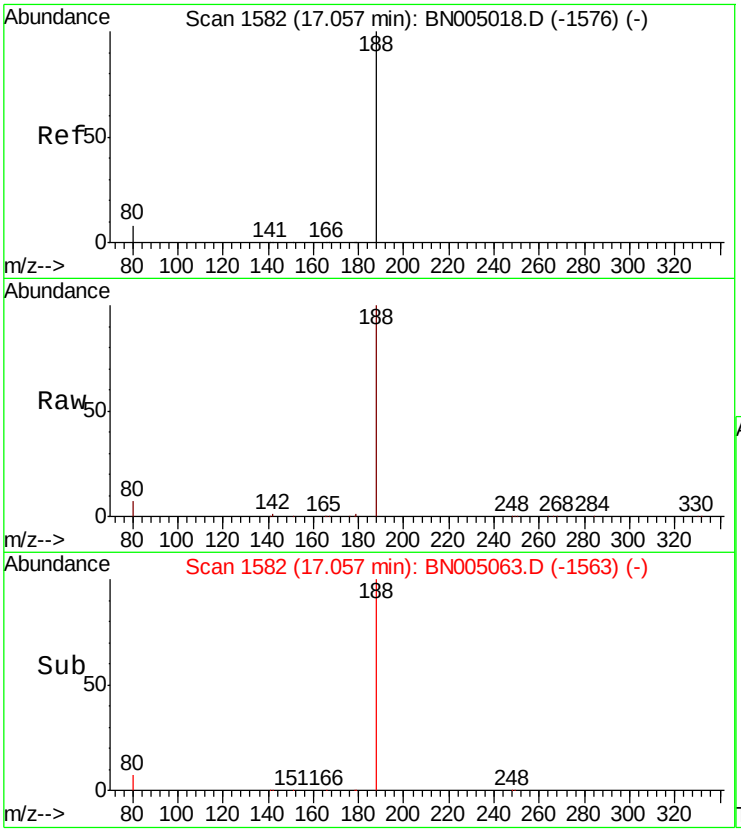


#18
Fluorene
Concen: 0.430 ng
RT: 15.36 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:166 Resp: 13679

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.7	118.1
167	13.5	10.9	16.3



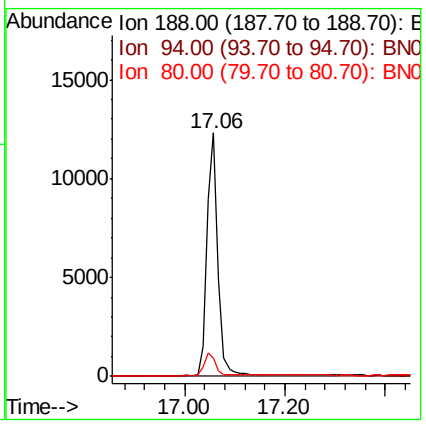


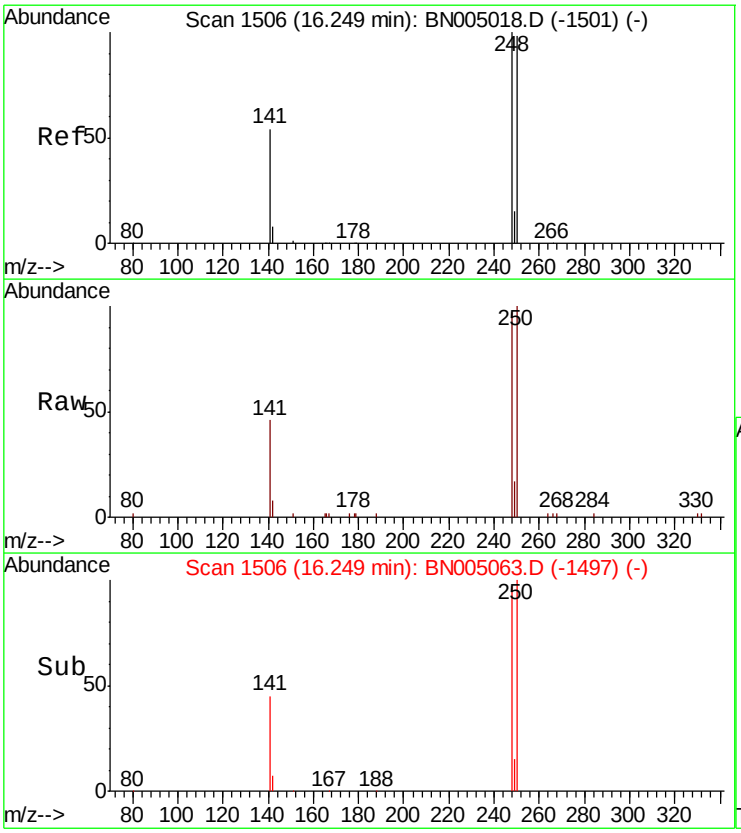
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 18935

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.9	10.3

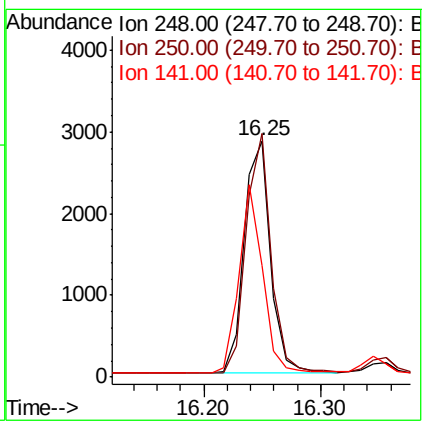


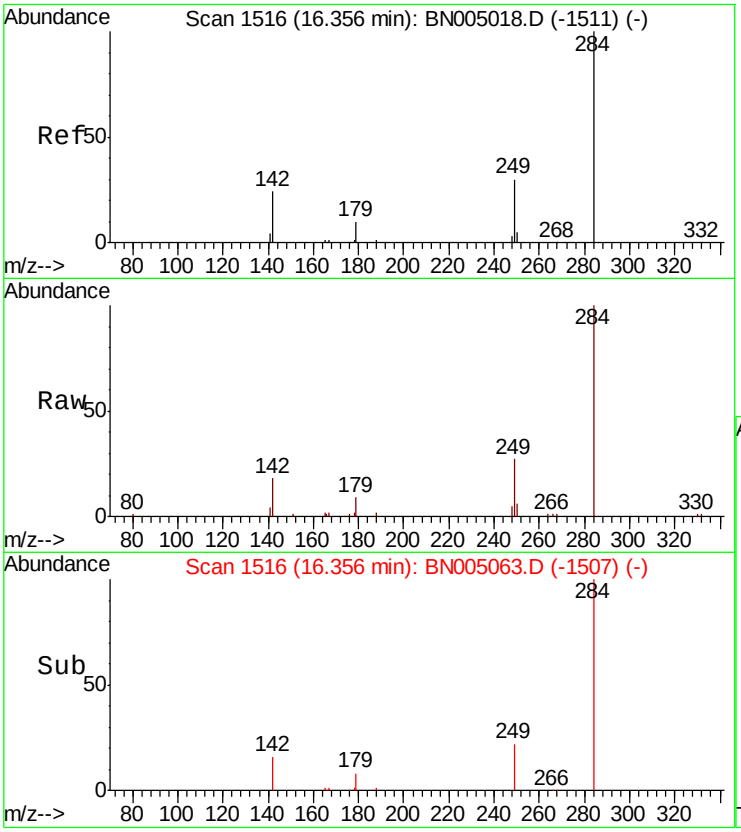


#20
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 16.25 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:248 Resp: 4469

Ion	Ratio	Lower	Upper
248	100		
250	102.9	78.6	117.8
141	47.4	43.6	65.4



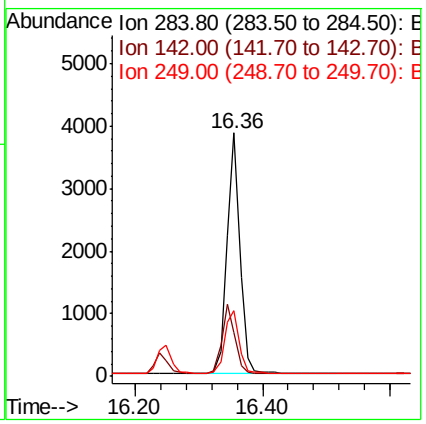


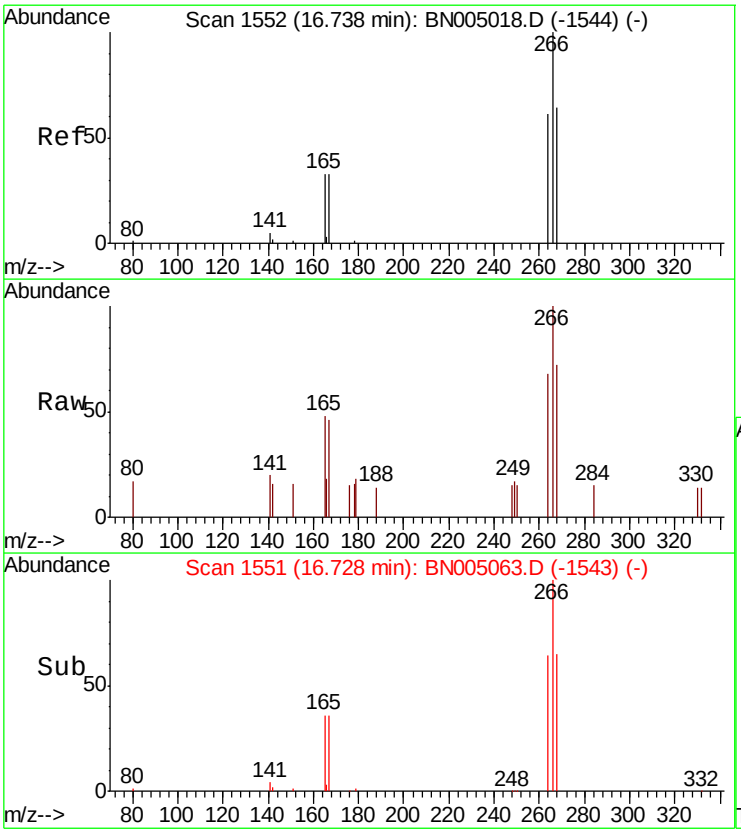
#21
Hexachlorobenzene
Concen: 0.444 ng
RT: 16.36 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5314

Ion	Ratio	Lower	Upper
284	100		
142	29.4	24.9	37.3
249	28.6	23.8	35.6

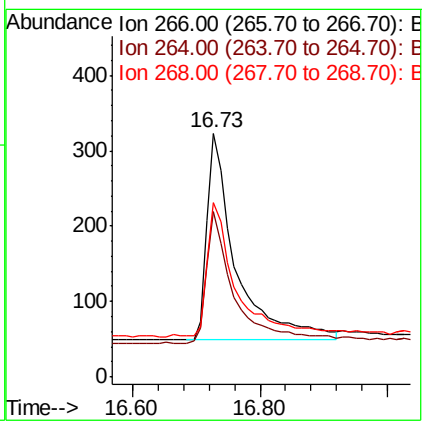


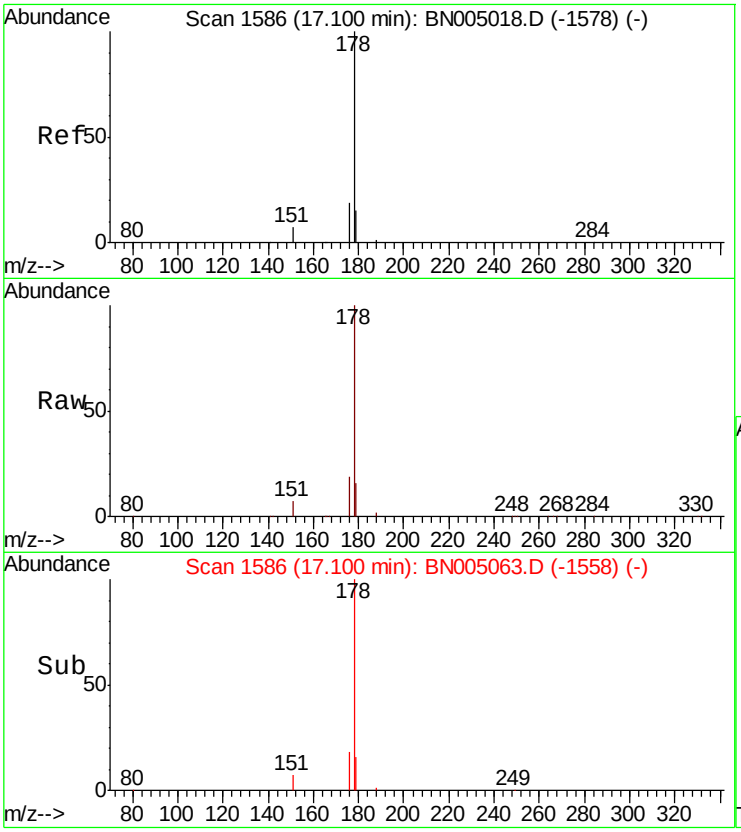


#22
Pentachlorophenol
Concen: 0.429 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:266 Resp: 846

Ion	Ratio	Lower	Upper
266	100		
264	68.1	53.4	80.0
268	71.5	58.9	88.3



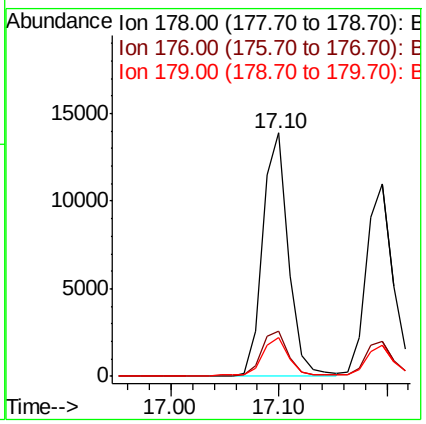


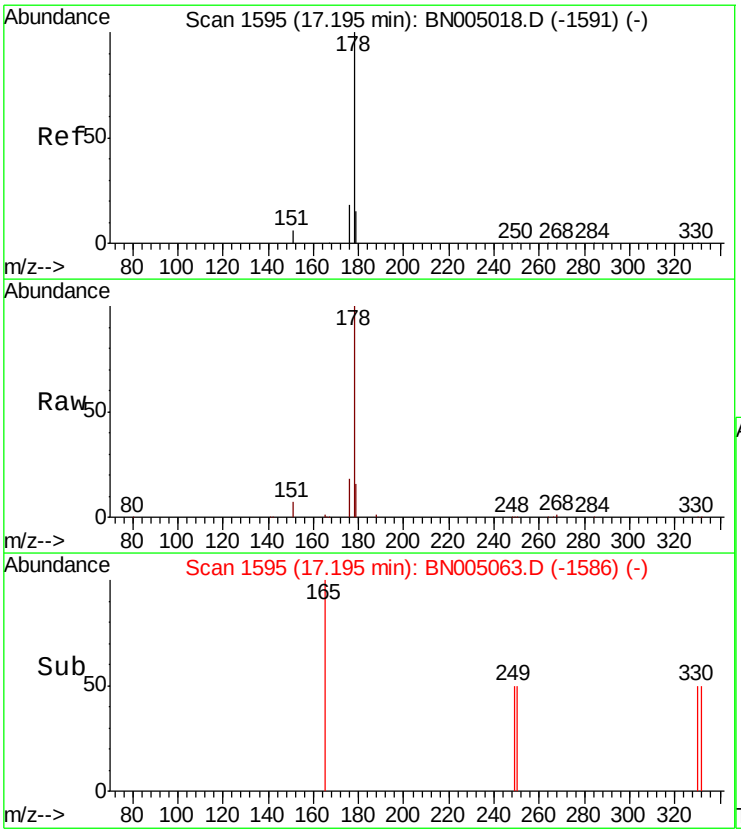
#23
Phenanthrene
Concen: 0.426 ng
RT: 17.10 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 22596

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.5	12.2	18.2

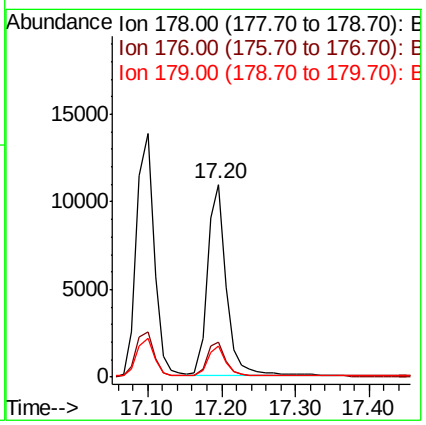


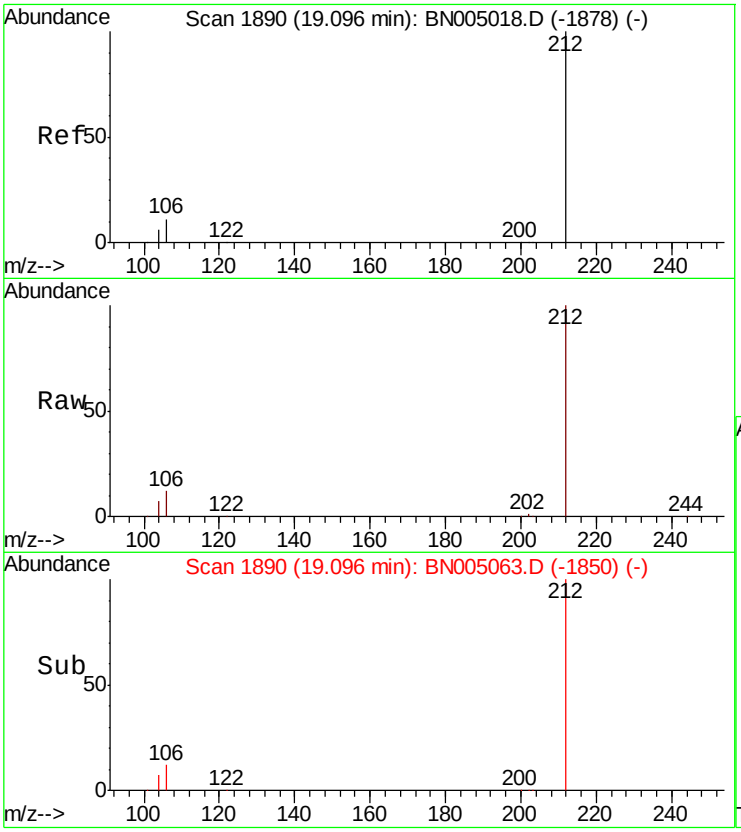


#24
Anthracene
Concen: 0.409 ng
RT: 17.20 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:178 Resp: 19302

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.3	12.3	18.5



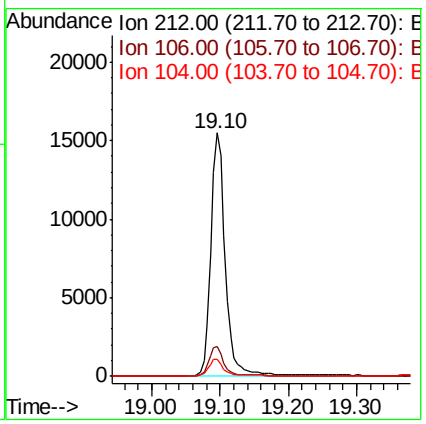


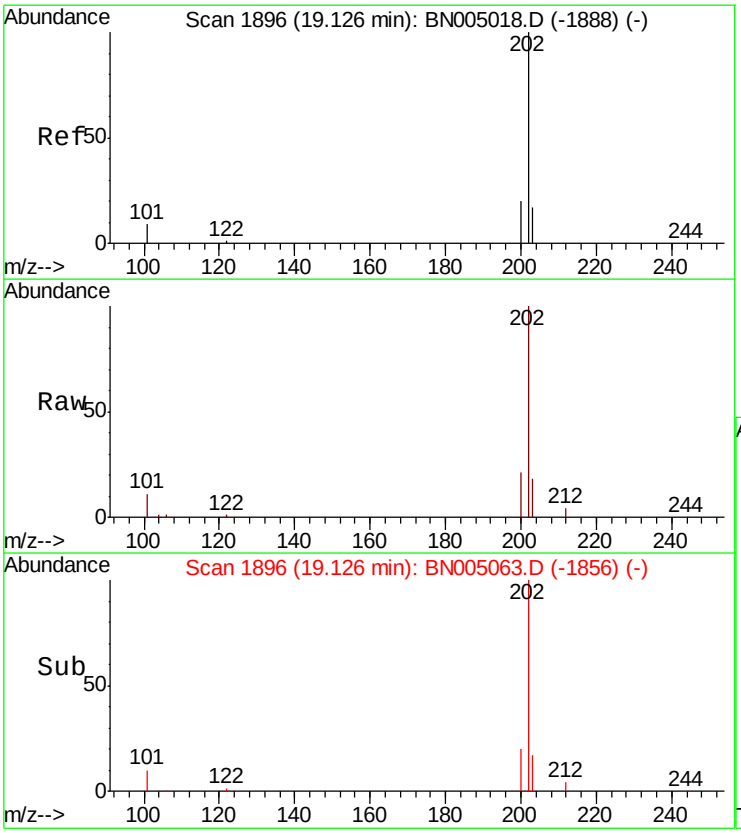
#25
Fluoranthene-d10
Concen: 0.417 ng
RT: 19.10 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 22540

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.2
104	6.6	5.4	8.0

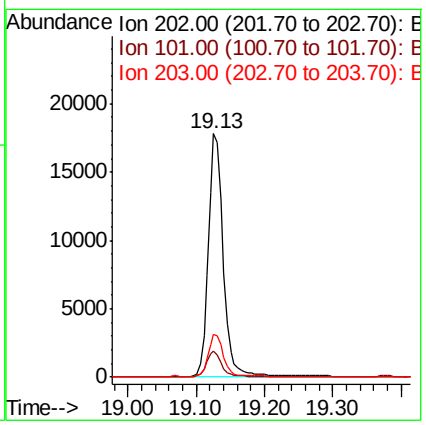


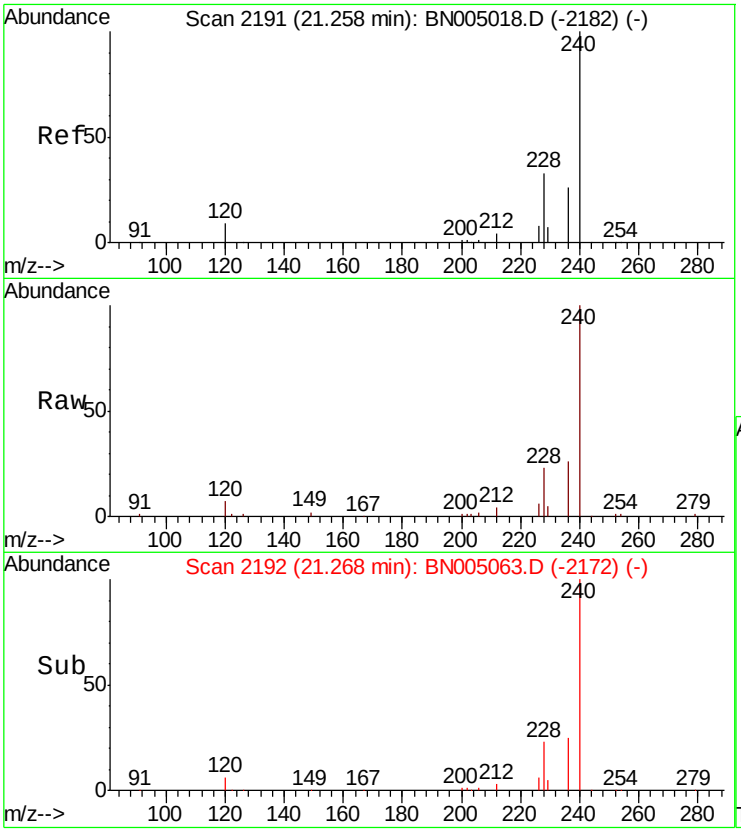


#26
Fluoranthene
Concen: 0.412 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:202 Resp: 26773

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.2
203	17.3	13.8	20.8



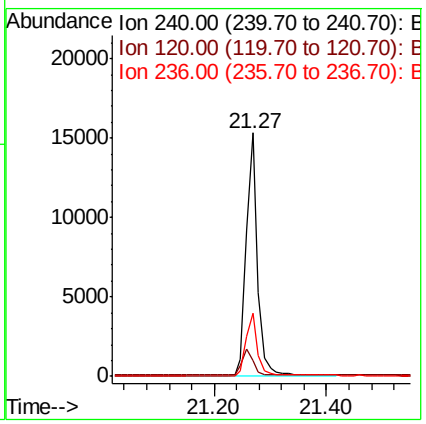


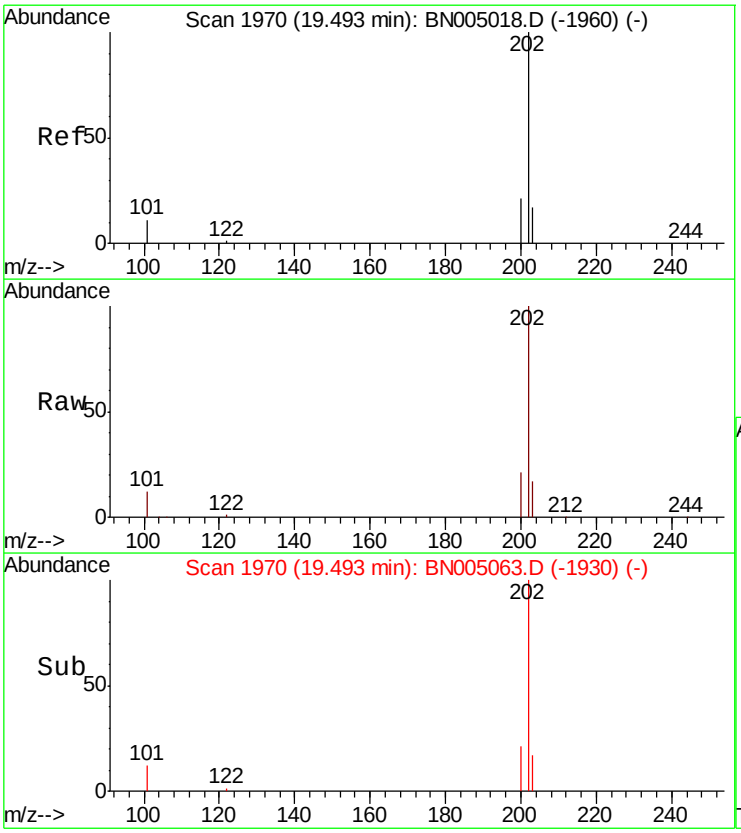
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 21148

Ion	Ratio	Lower	Upper
240	100		
120	6.6	7.4	11.0#
236	25.7	21.0	31.6

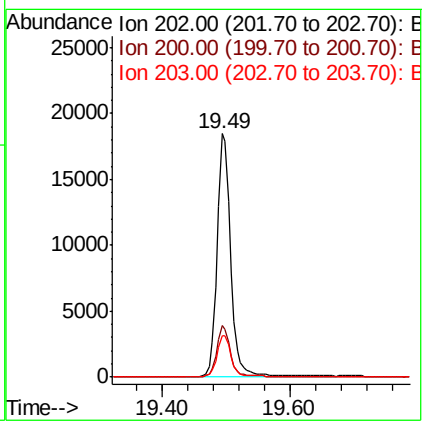


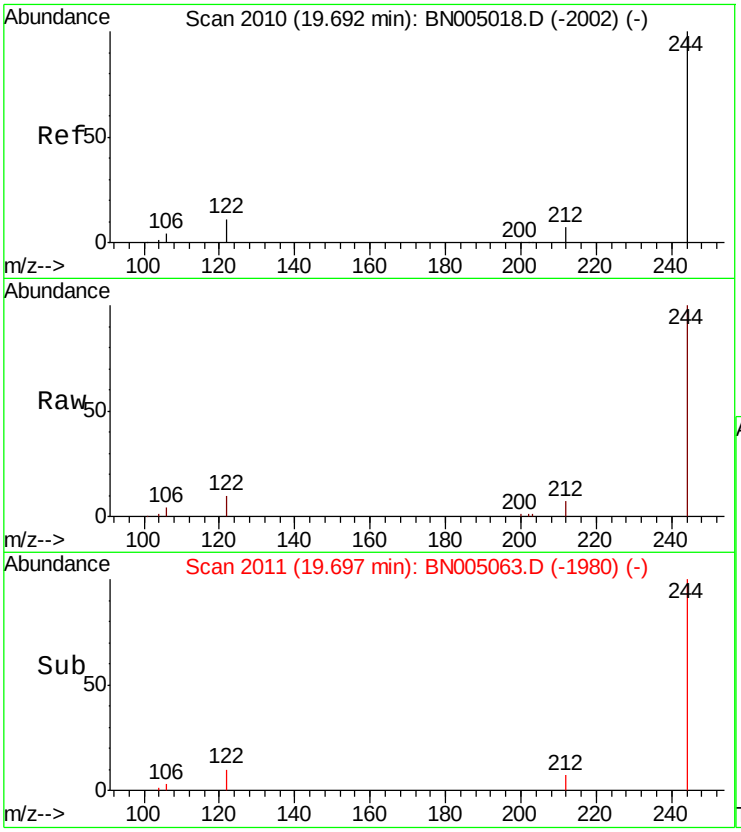


#28
Pyrene
Concen: 0.453 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:202 Resp: 27205

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	17.5	13.9	20.9



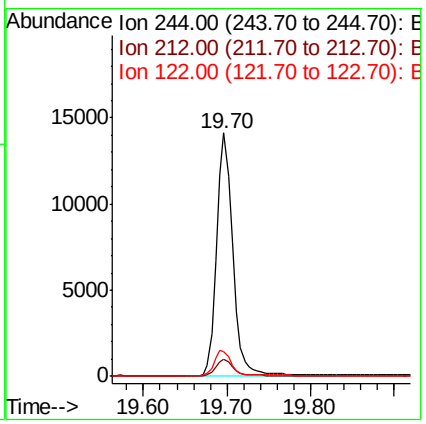


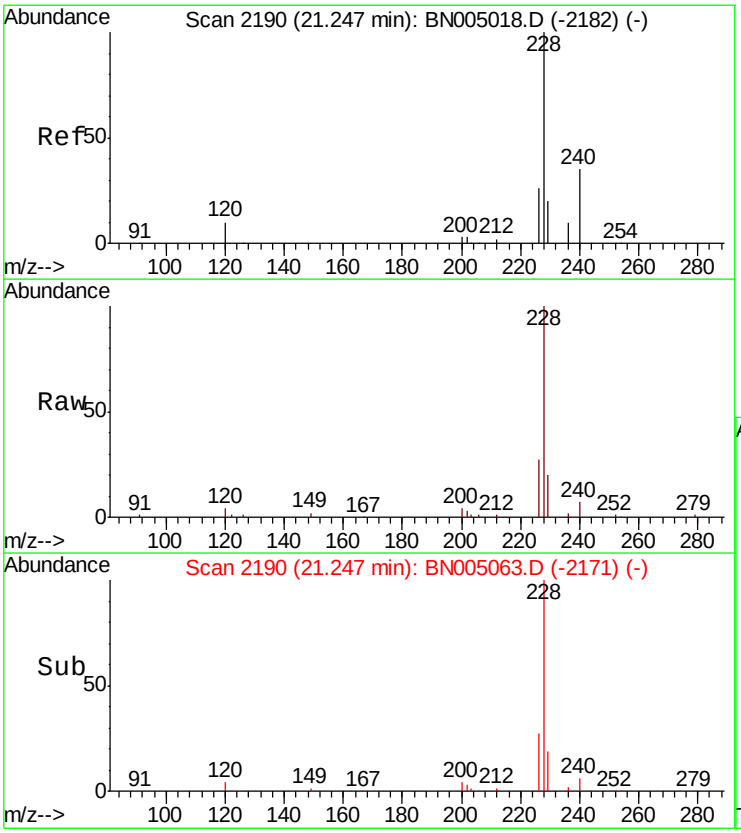
#29
Terphenyl-d14
Concen: 0.434 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 18852

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.1	9.0	13.4

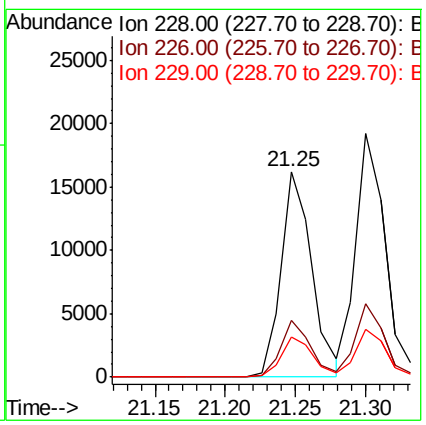


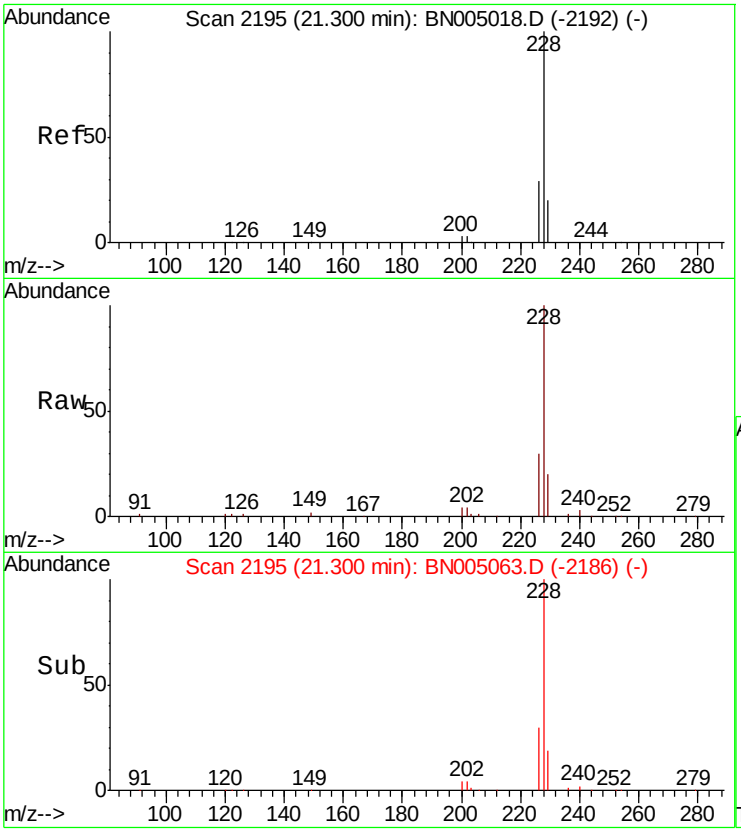


#30
Benzo(a)anthracene
Concen: 0.414 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:228 Resp: 24684

Ion	Ratio	Lower	Upper
228	100		
226	27.3	20.9	31.3
229	19.7	16.2	24.2



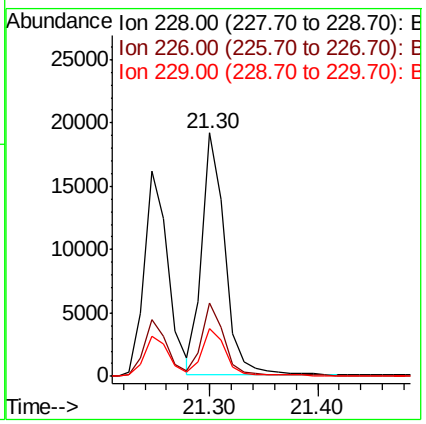


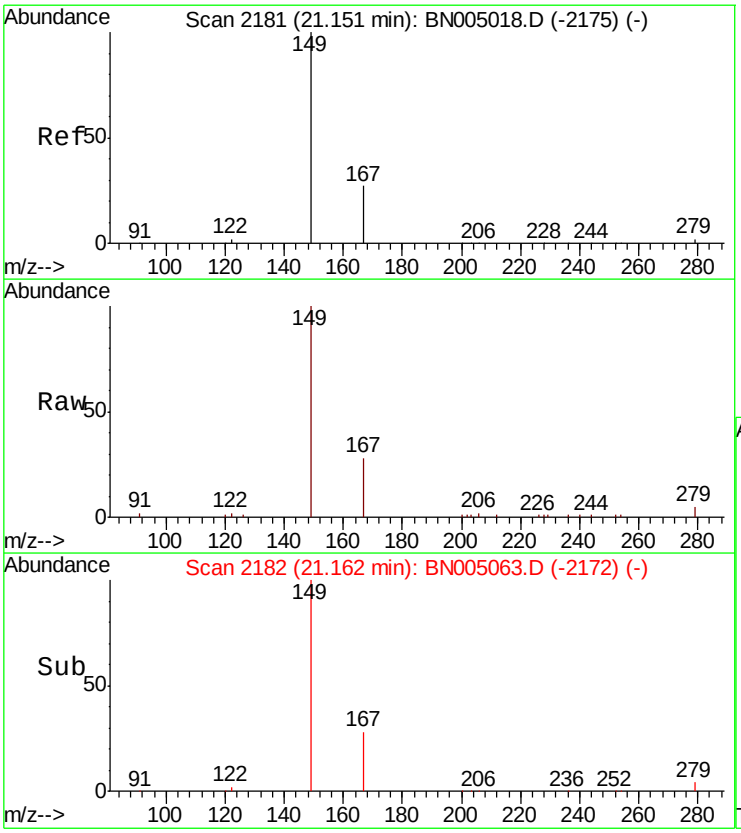
#31
Chrysene
Concen: 0.434 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 27924

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.8	34.2
229	19.6	16.2	24.4

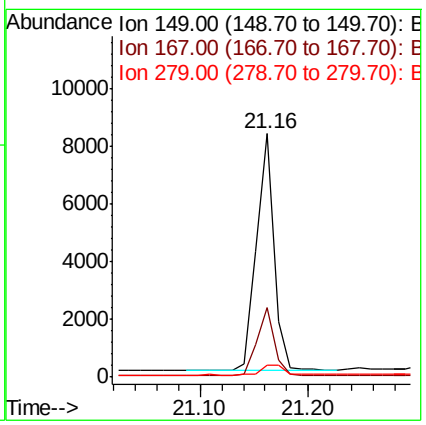


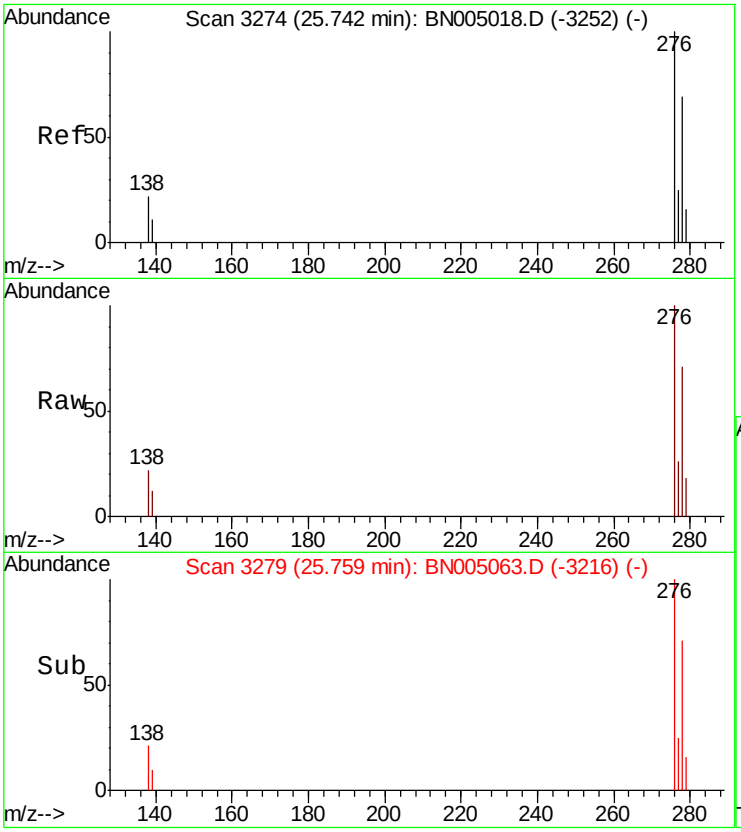


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.373 ng
RT: 21.16 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:149 Resp: 9307

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	5.5	4.2	6.4



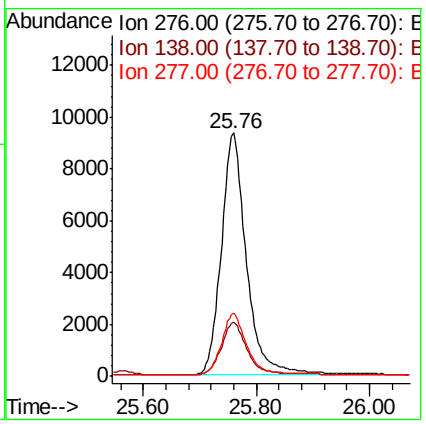


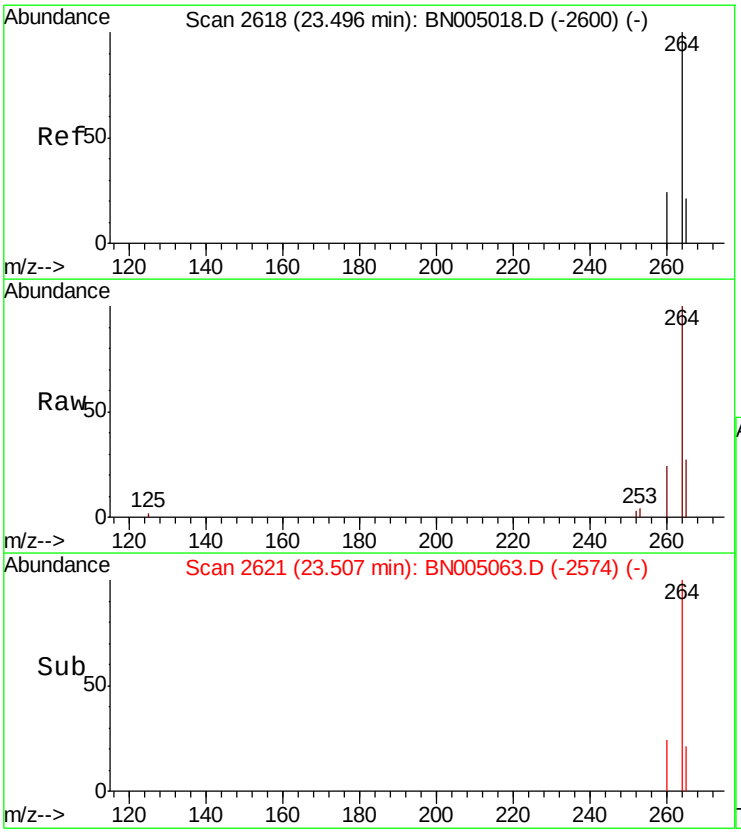
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng
RT: 25.76 min Scan# 3279
Delta R.T. 0.02 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 28785

Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.2	27.2
277	25.4	20.3	30.5

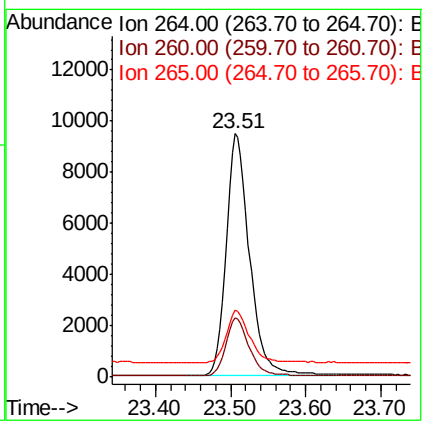


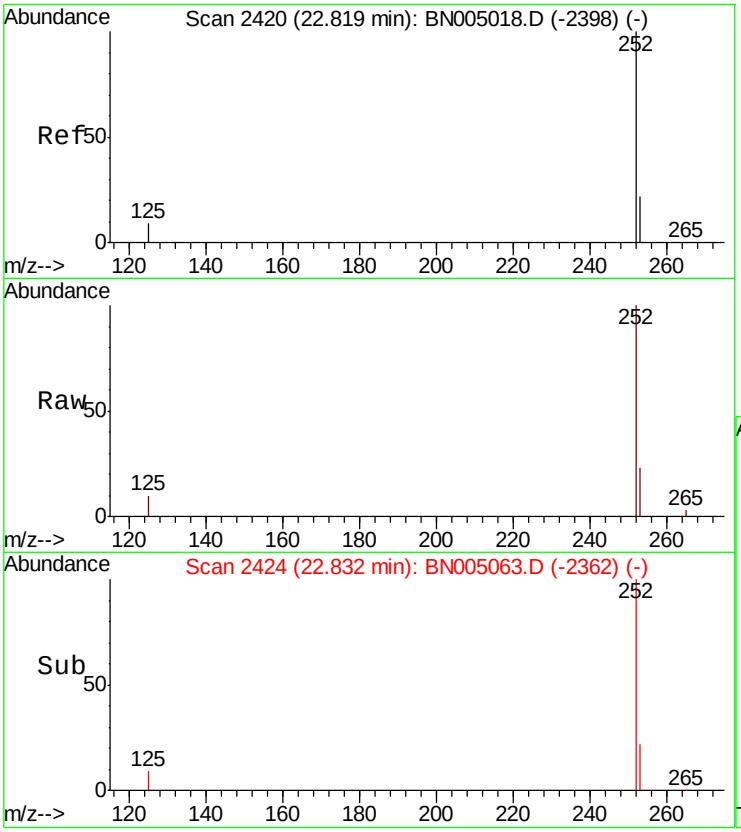


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.51 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:264 Resp: 19972

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	27.4	22.5	33.7



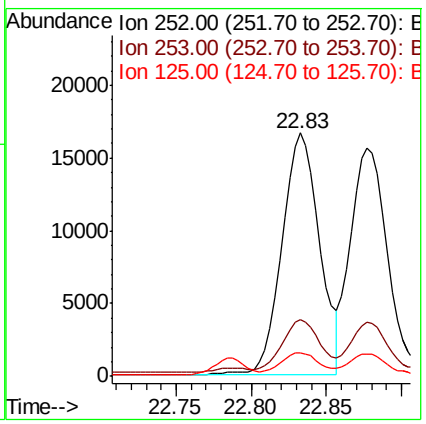


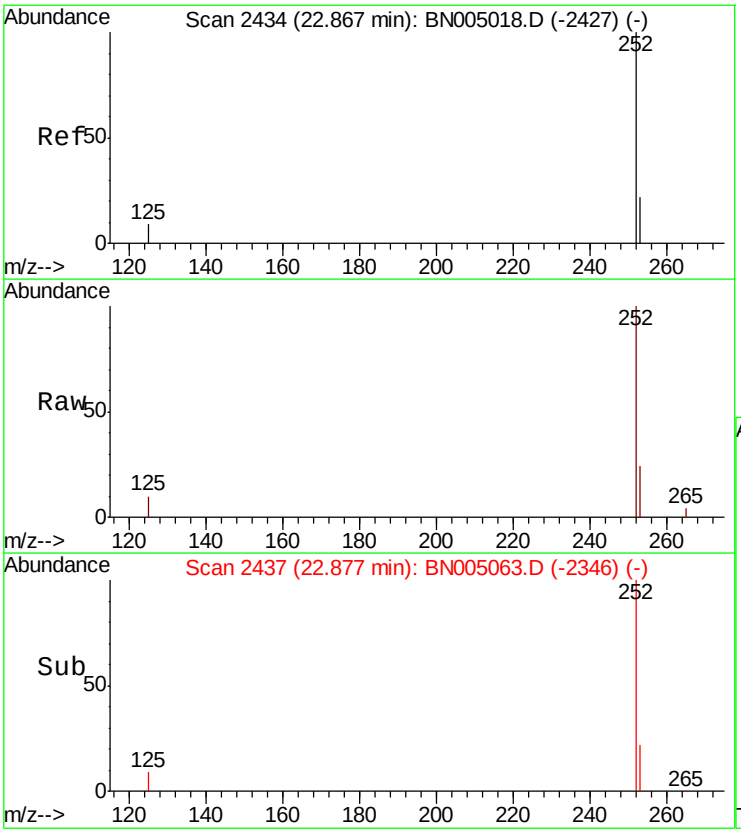
#35
Benzo(b)fluoranthene
Concen: 0.453 ng
RT: 22.83 min Scan# 2424
Delta R.T. 0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 28977

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	9.6	8.2	12.2

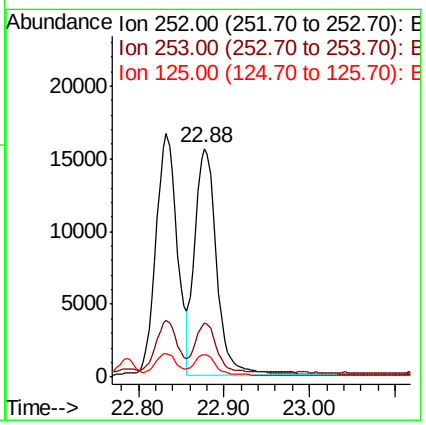


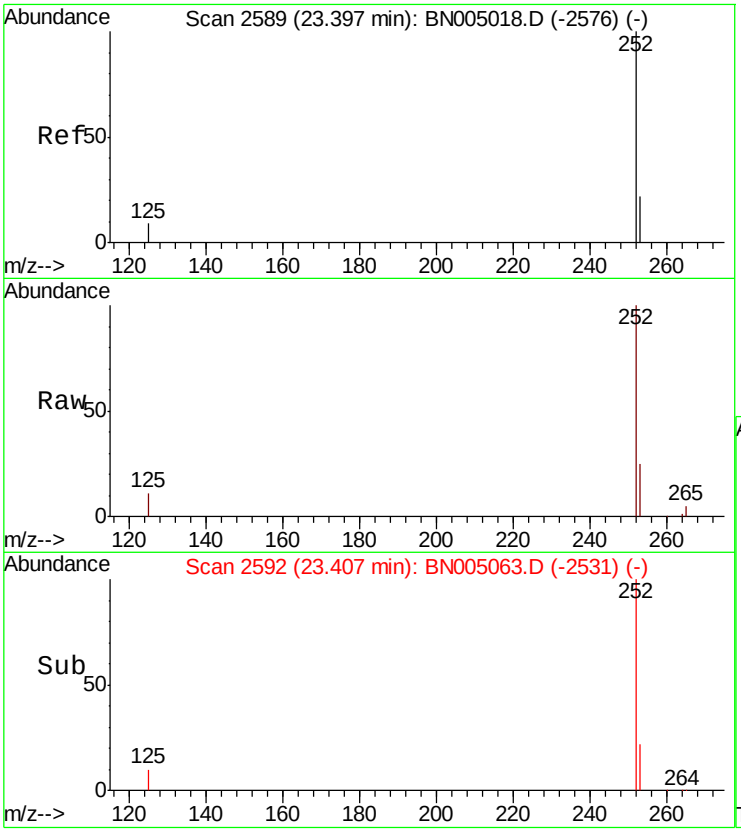


#36
Benzo(k)fluoranthene
Concen: 0.444 ng
RT: 22.88 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:252 Resp: 27504

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	9.8	8.2	12.2



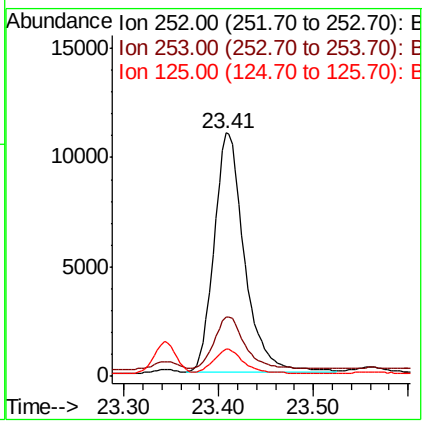


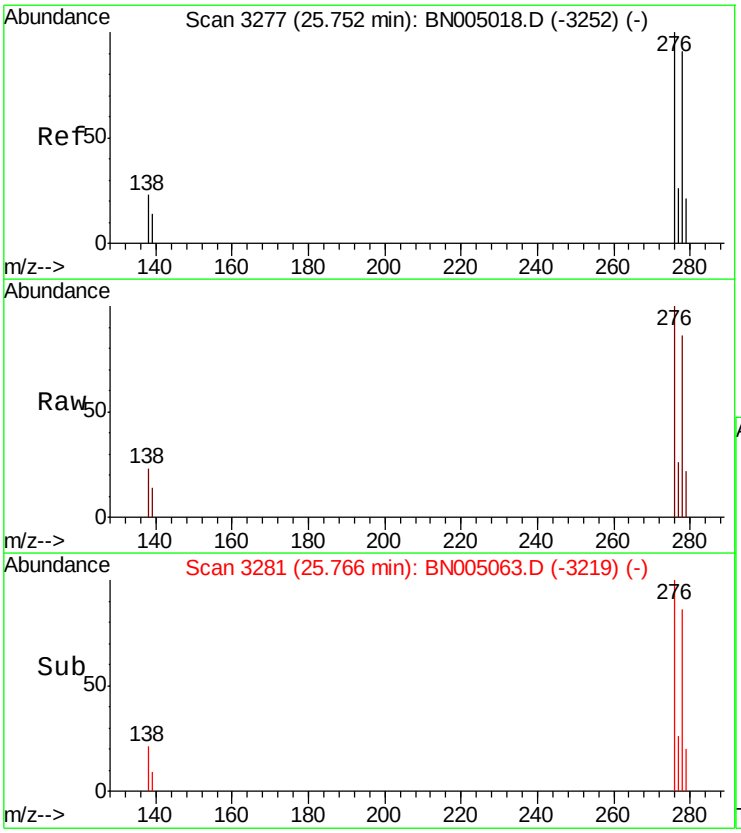
#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.41 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 24336

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.2	30.2
125	11.0	9.2	13.8

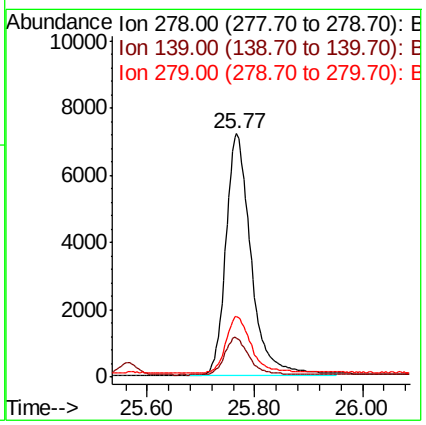


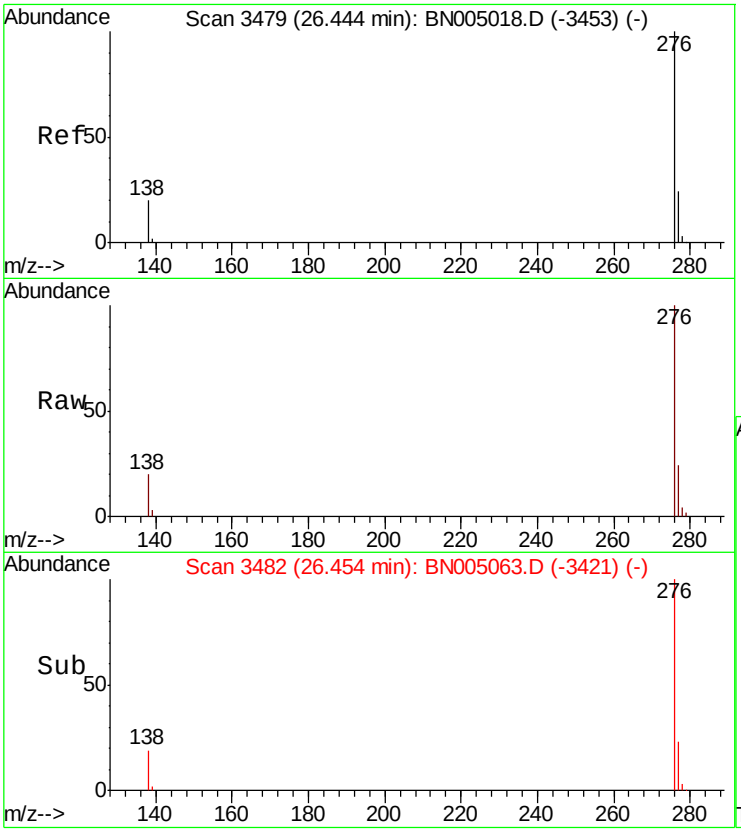


#38
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 25.77 min Scan# 3281
Delta R.T. 0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Tgt Ion:278 Resp: 23361

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	25.1	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.414 ng
RT: 26.45 min Scan# 3482
Delta R.T. 0.01 min
Lab File: BN005063.D
Acq: 02 Apr 2019 16:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 23768

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.6
138	19.8	16.4	24.6