Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004863.D
Acq On : 21 Mar 2019 22:55
Operator : JU/SJ
Sample : K1817-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-028-B009-030619

Quant Time: Mar 22 02:02:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1902	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	8654	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	5628	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	14956	0.40	ng		0.00
27) Chrysene-d12	21.29	240	19931	0.40	ng		0.00
34) Perylene-d12	23.54	264	21918	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	2666	0.52	ng		0.00
5) Phenol-d6	6.87	99	3707	0.58	ng		0.00
8) Nitrobenzene-d5	8.87	82	2122	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	5140	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	1864	0.48	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	8900	0.38	ng		0.00
25) Fluoranthene-d10	19.13	212	14359	0.29	ng		0.00
29) Terphenyl-d14	19.72	244	13034	0.32	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.56	42	36	0.028	ng	#	1
9) Naphthalene	10.53	128	704	0.029	ng	#	74
16) Acenaphthylene	14.07	152	955	0.033	ng		95
23) Phenanthrene	17.13	178	8032	0.166	ng		99
24) Anthracene	17.23	178	1057	0.025	ng		98
26) Fluoranthene	19.16	202	15336	0.247	ng		99
28) Pyrene	19.52	202	15954	0.263	ng		97
30) Benzo(a)anthracene	21.27	228	8558	0.131	ng		95
31) Chrysene	21.32	228	9188	0.133	ng		96
32) Bis(2-ethylhexyl)phthalate	21.18	149	3462	0.133	ng		97
33) Indeno(1,2,3-cd)pyrene	25.81	276	6317	0.063	ng		98
35) Benzo(b)fluoranthene	22.87	252	13012	0.164	ng	#	88
36) Benzo(k)fluoranthene	22.87	252	13012	0.167	ng	#	88
37) Benzo(a)pyrene	23.44	252	8971	0.123	ng	#	90
38) Dibenzo(a,h)anthracene	25.82	278	1740	0.021	ng	#	43
39) Benzo(g,h,i)perylene	26.52	276	6359	0.074	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004863.D
Acq On : 21 Mar 2019 22:55
Operator : JU/SJ
Sample : K1817-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
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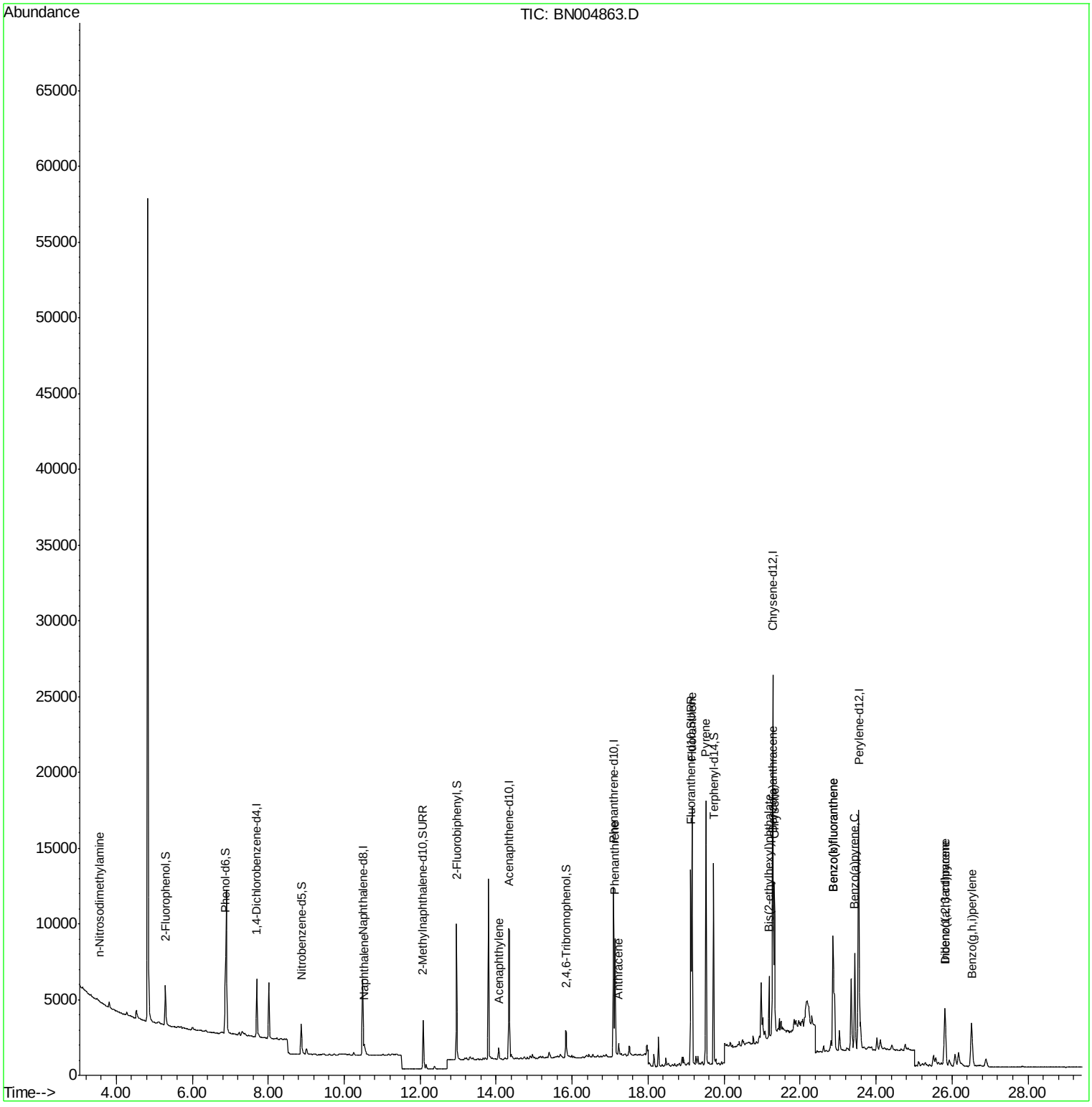
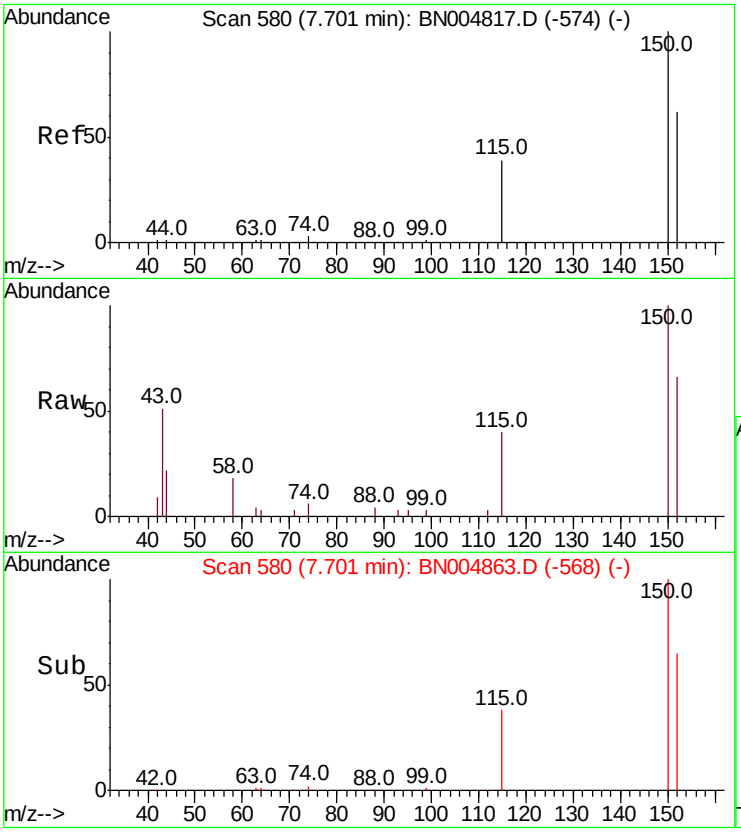


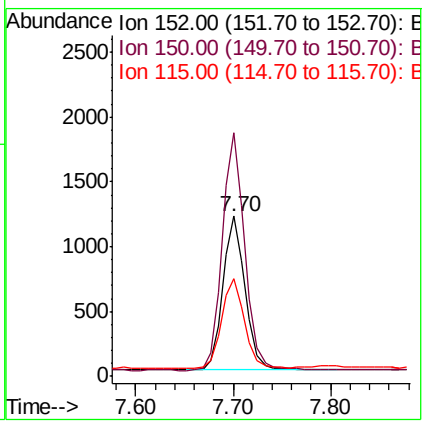


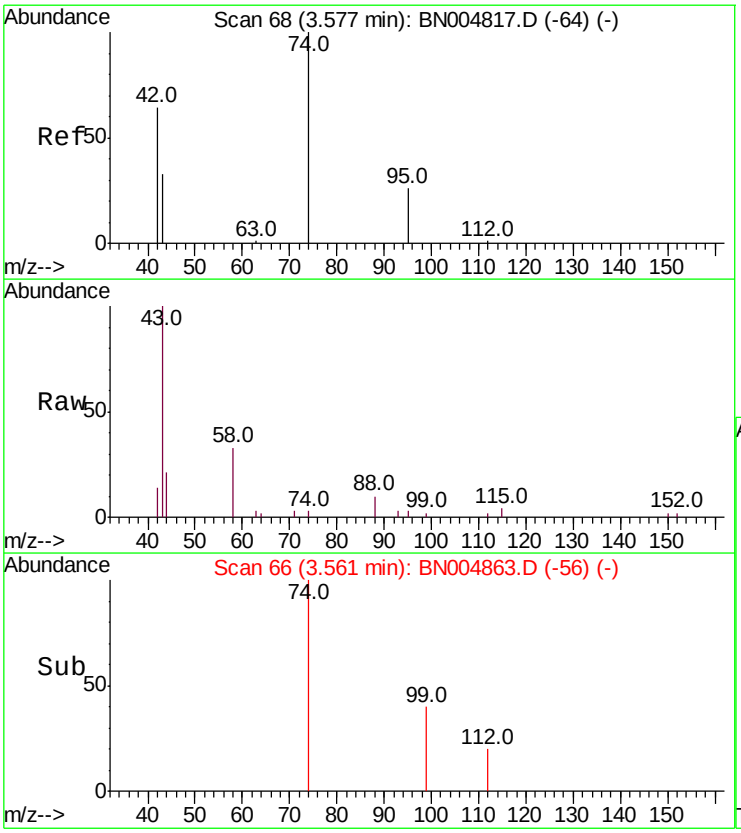
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:152 Resp: 1902

Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.2	189.4
115	61.3	52.6	79.0

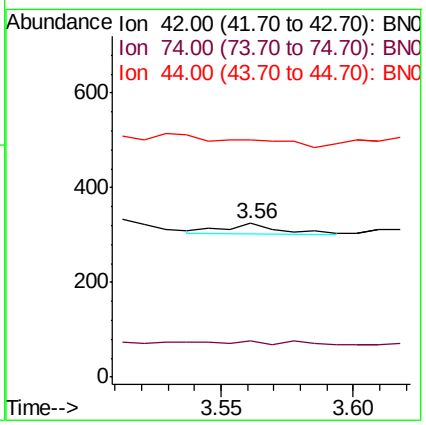


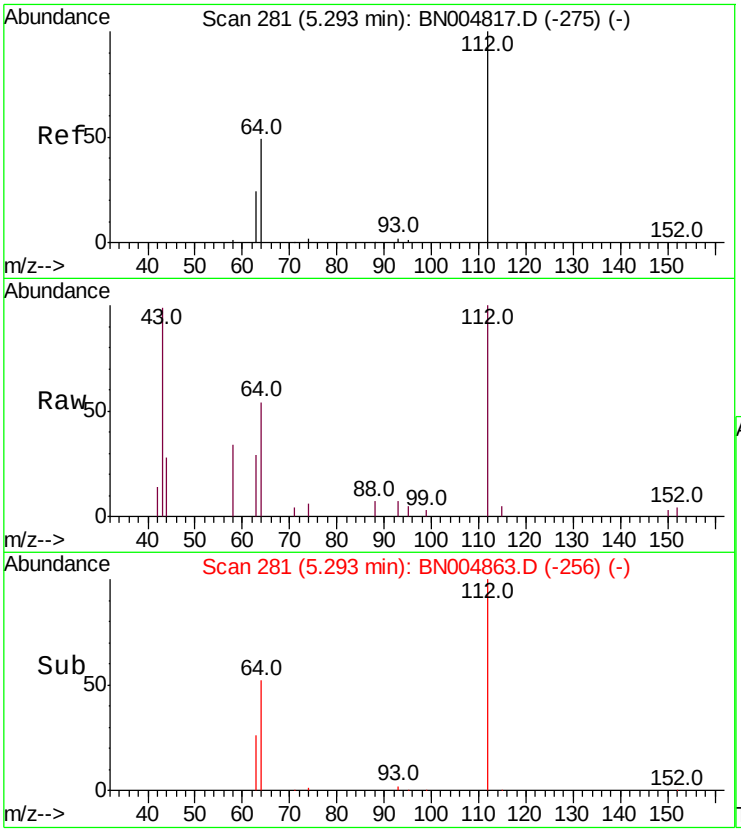


#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.56 min Scan# 66
Delta R.T. -0.02 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion: 42 Resp: 36

Ion	Ratio	Lower	Upper
42	100		
74	11.1	128.4	192.6#
44	0.0	6.1	9.1#



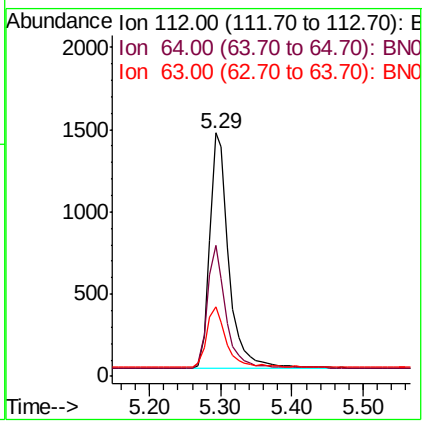


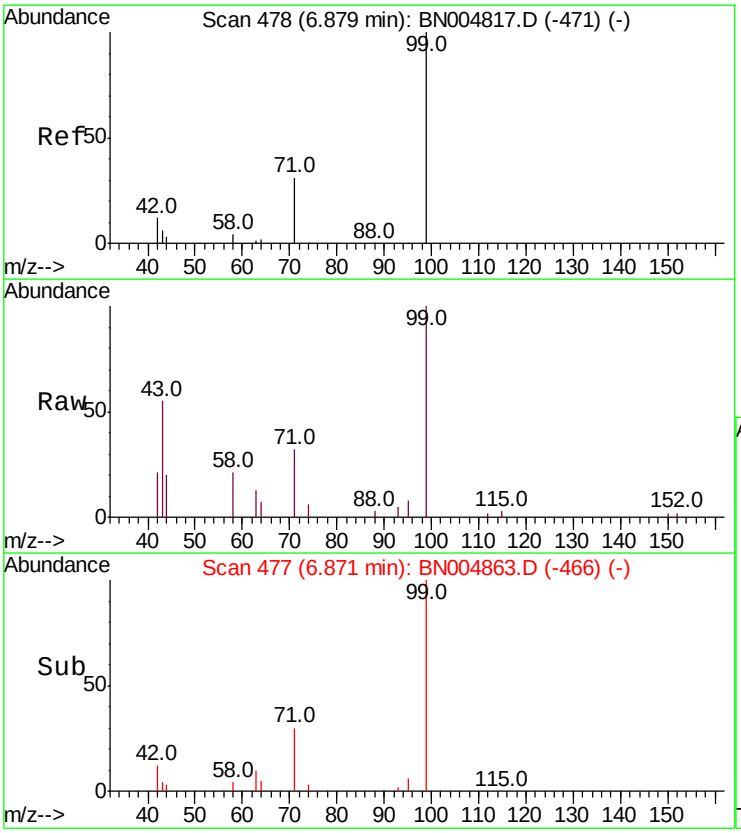
#4
2-Fluorophenol
Concen: 0.516 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:112 Resp: 2666

Ion	Ratio	Lower	Upper
112	100		
64	50.0	40.0	60.0
63	26.4	20.2	30.2

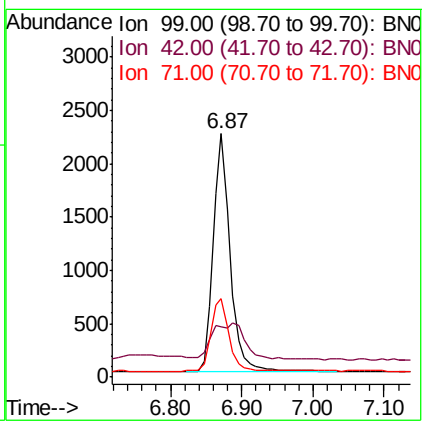


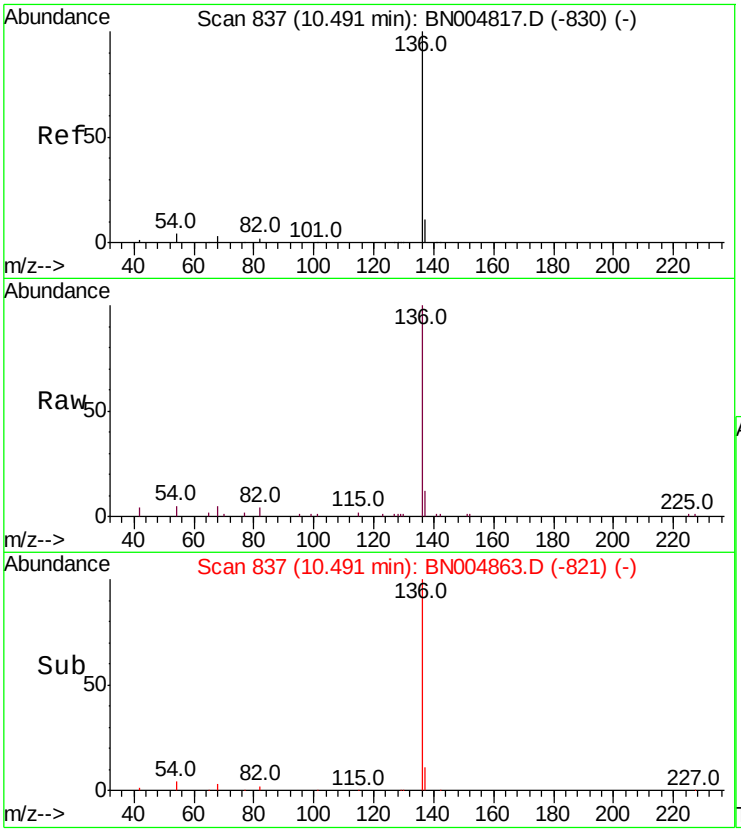


#5
Phenol-d6
Concen: 0.576 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion: 99 Resp: 3707

Ion	Ratio	Lower	Upper
99	100		
42	28.6	12.7	19.1#
71	32.0	26.6	40.0



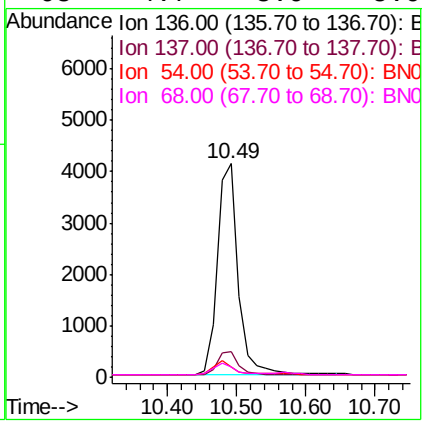


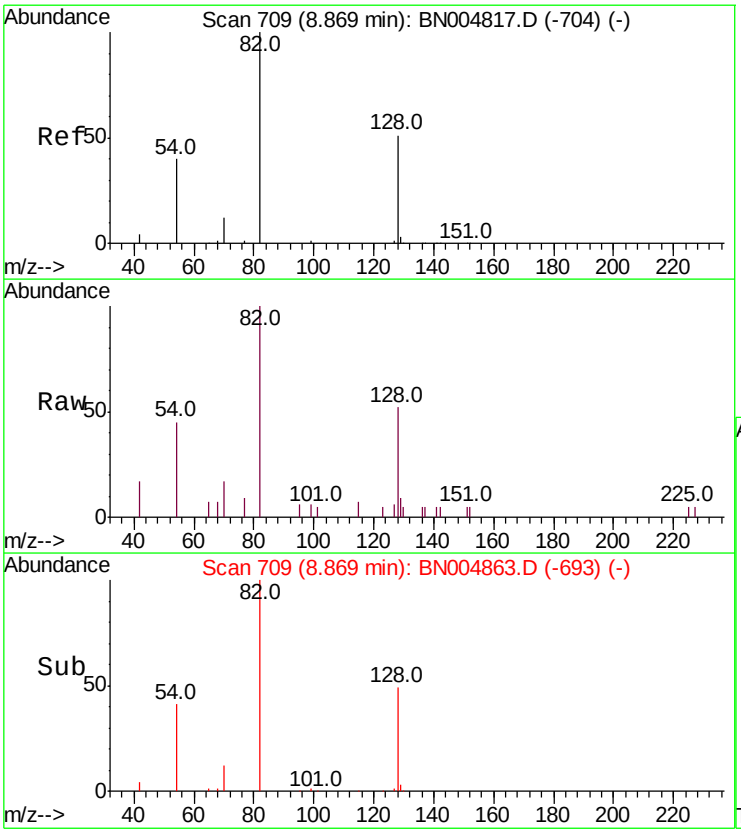
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:136 Resp: 8654

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	5.0	4.2	6.2
68	4.7	3.9	5.9

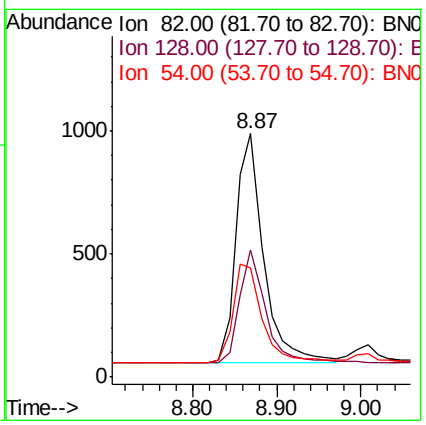


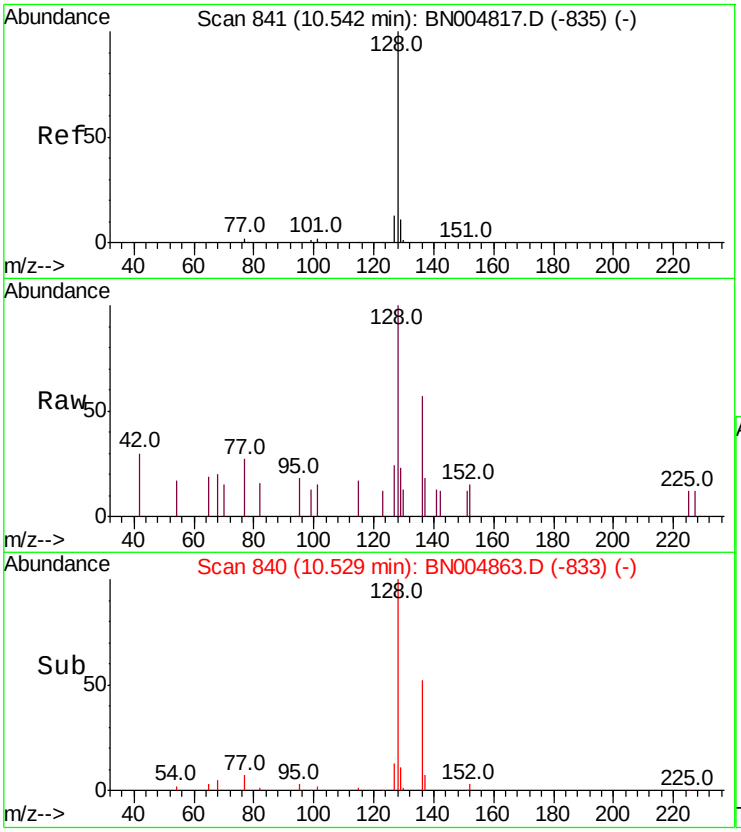


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.87 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion: 82 Resp: 2122

Ion	Ratio	Lower	Upper
82	100		
128	52.3	43.0	64.6
54	44.8	35.3	52.9



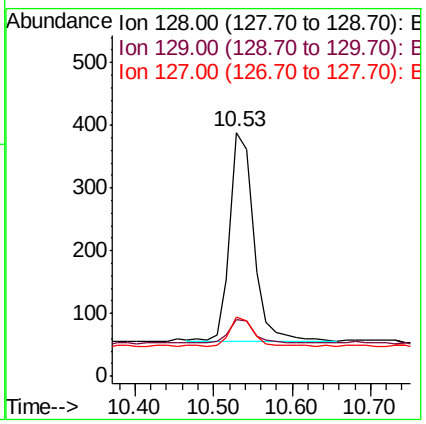


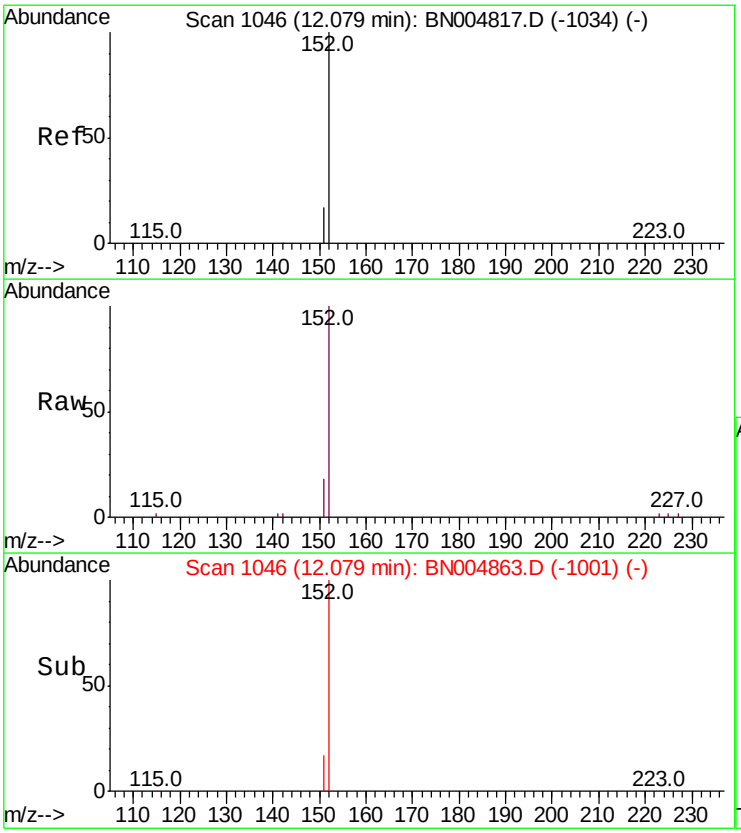
#9
Naphthalene
Concen: 0.029 ng
RT: 10.53 min Scan# 840
Delta R.T. -0.01 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:128 Resp: 704

Ion	Ratio	Lower	Upper
128	100		
129	23.2	9.9	14.9#
127	24.2	11.3	16.9#

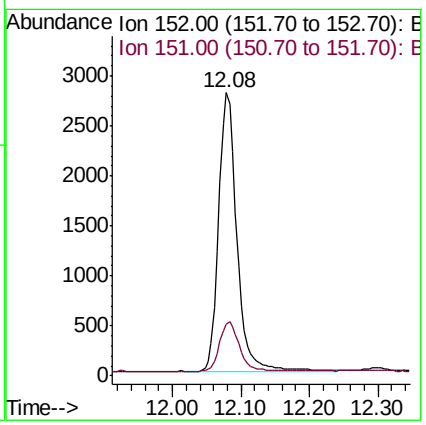


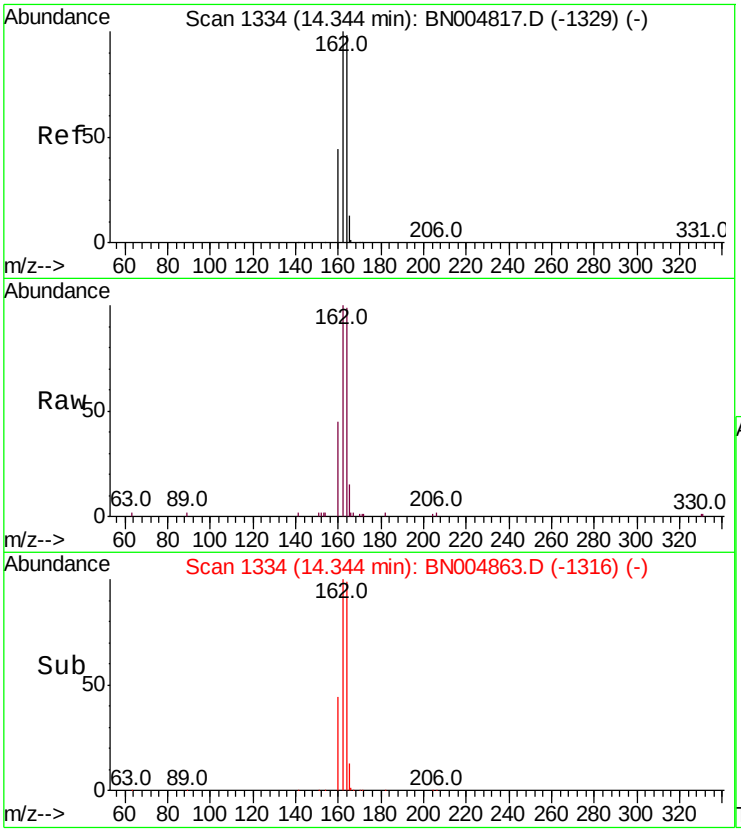


#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.08 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:152 Resp: 5140

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3



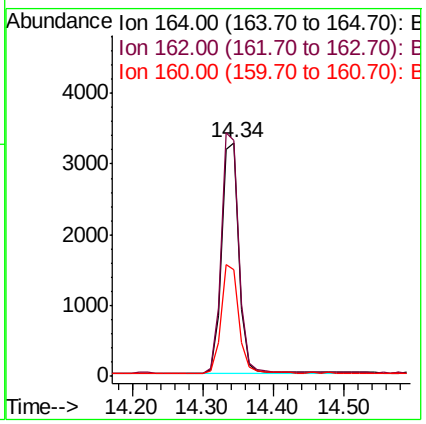


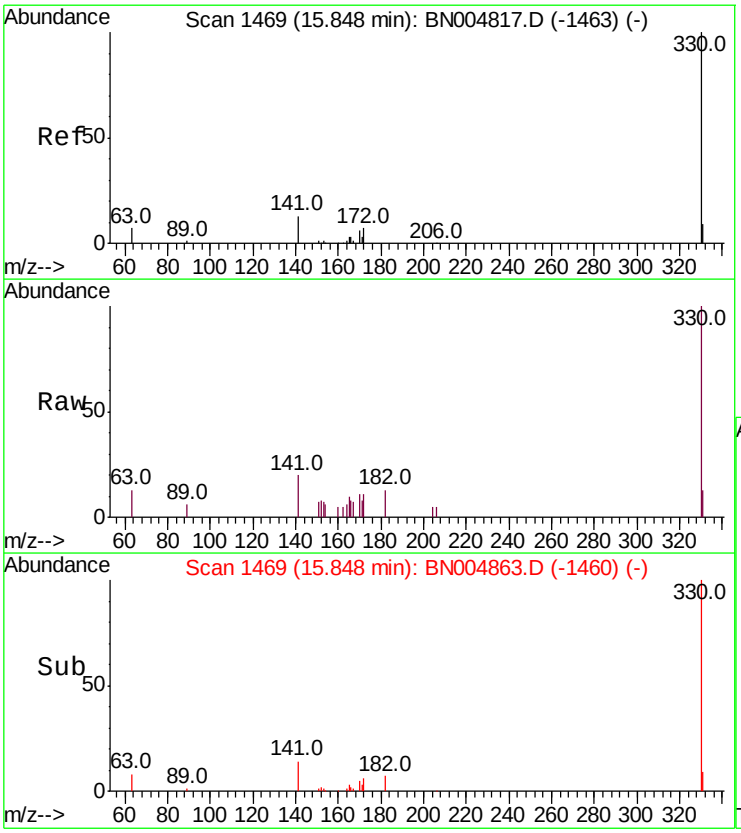
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:164 Resp: 5628

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.9	122.9
160	45.5	36.6	54.8

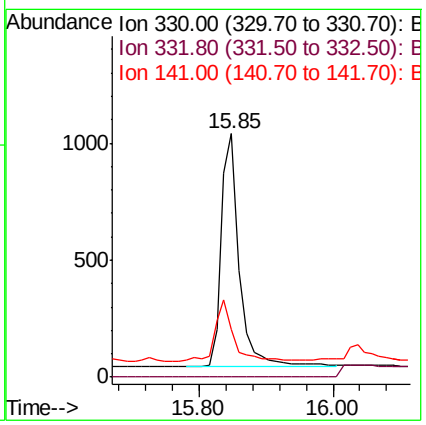


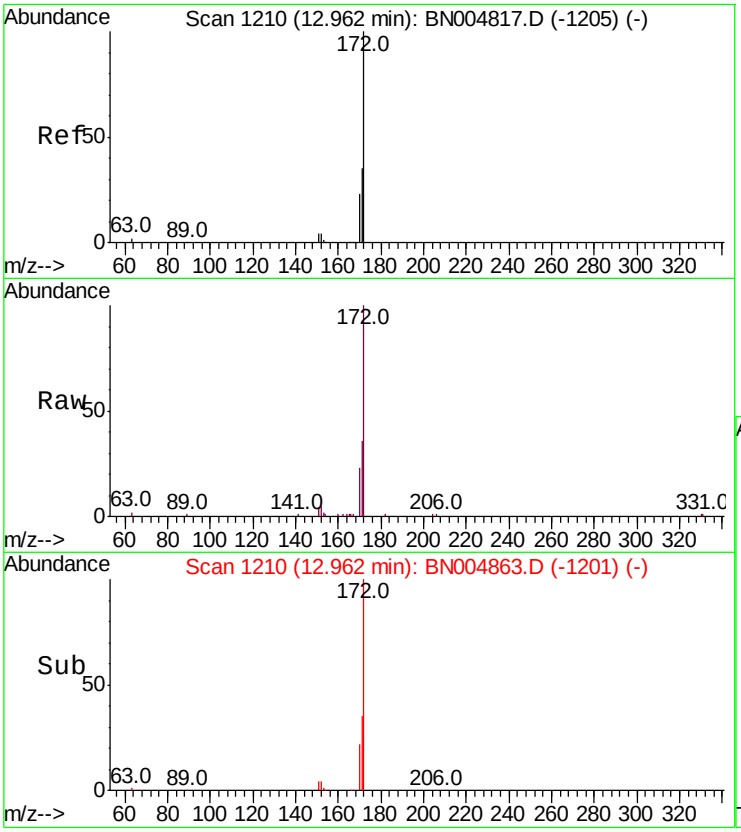


#14
2,4,6-Tribromophenol
Concen: 0.480 ng
RT: 15.85 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:330 Resp: 1864

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.6	20.9	31.3



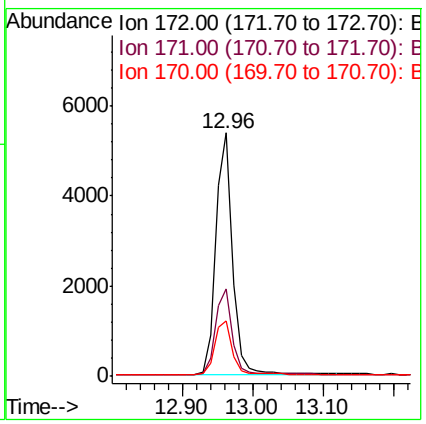


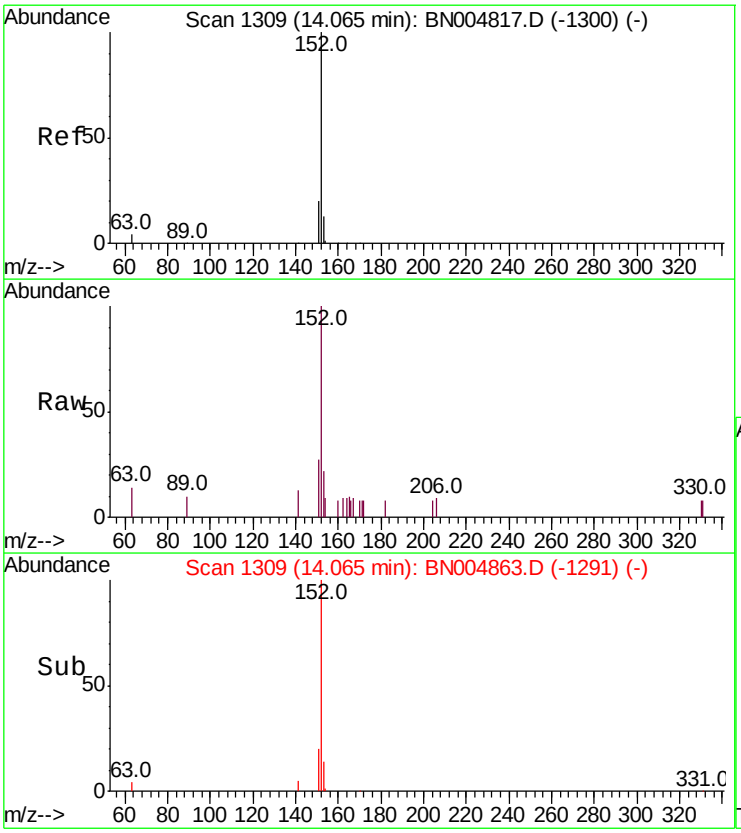
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:172 Resp: 8900

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	22.9	18.7	28.1

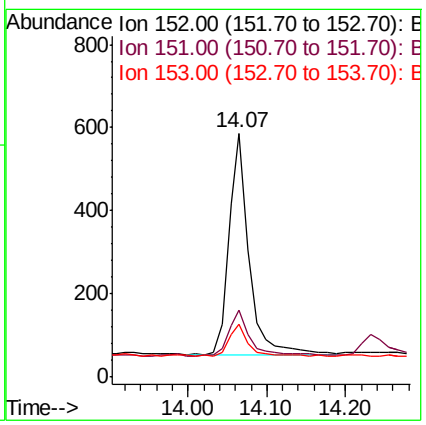


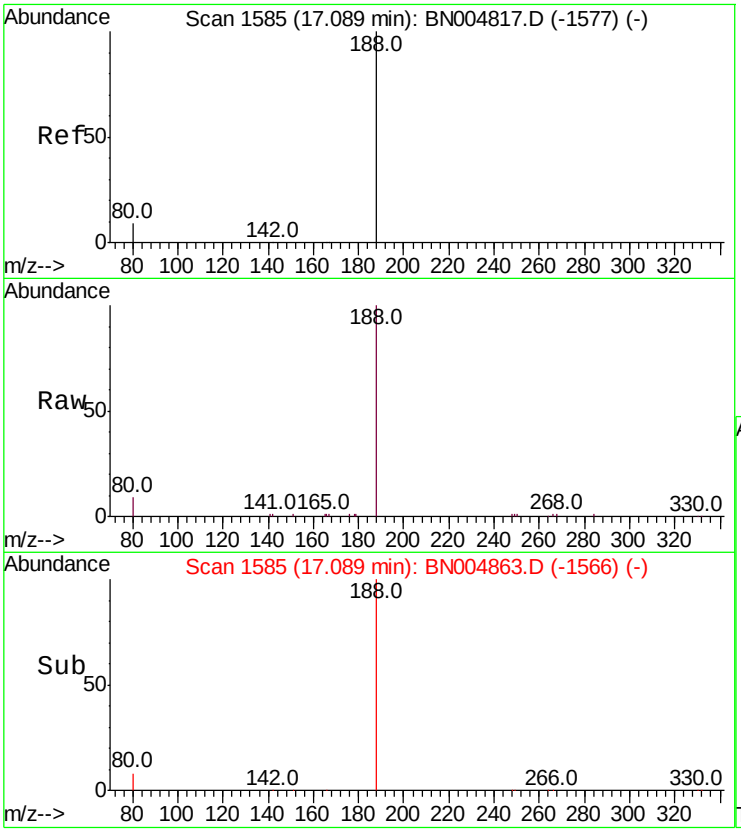


#16
Acenaphthylene
Concen: 0.033 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:152 Resp: 955

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.1	24.1
153	15.3	10.5	15.7



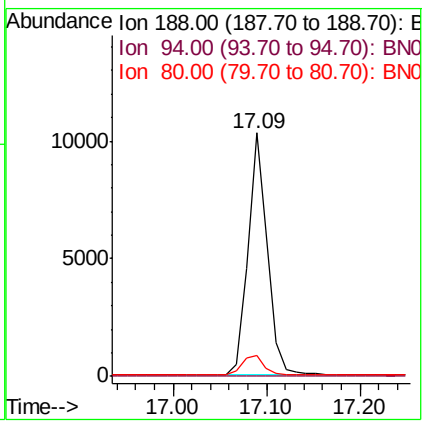


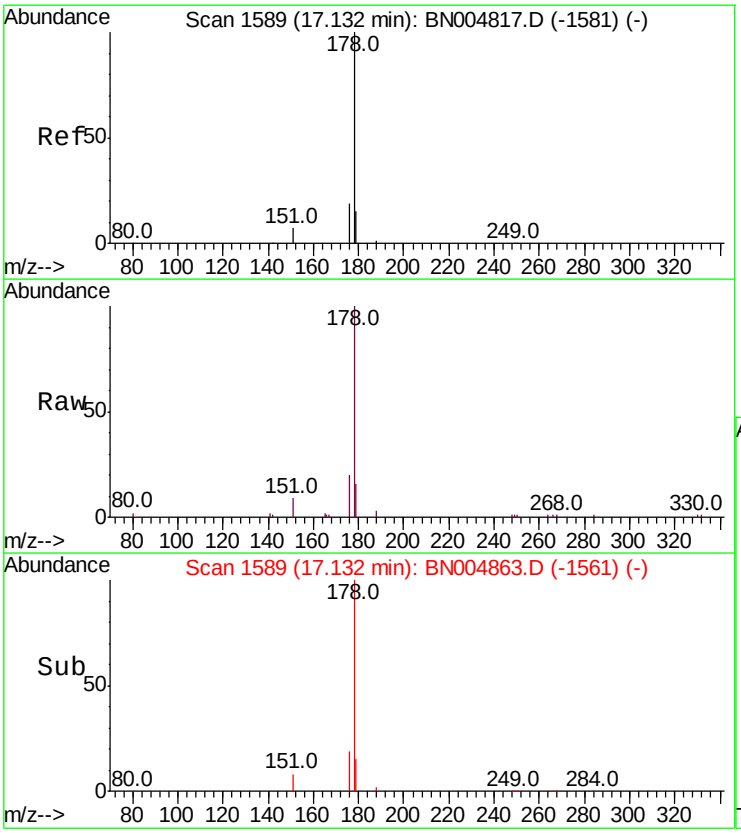
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:188 Resp: 14956

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.4	11.2

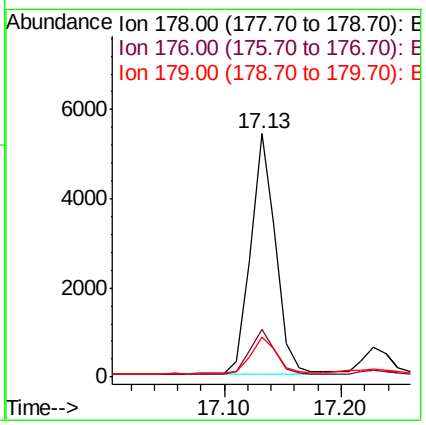


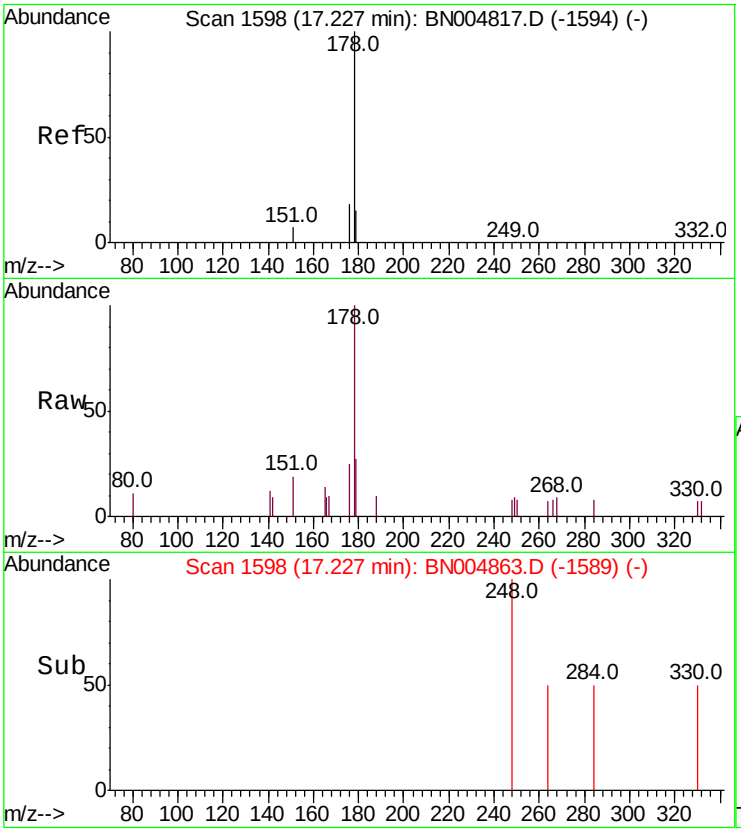


#23
Phenanthrene
Concen: 0.166 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:178 Resp: 8032

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	16.1	12.1	18.1



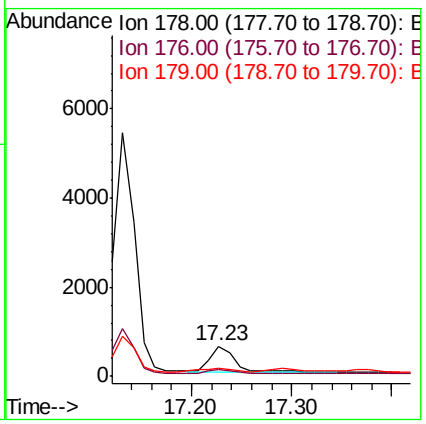


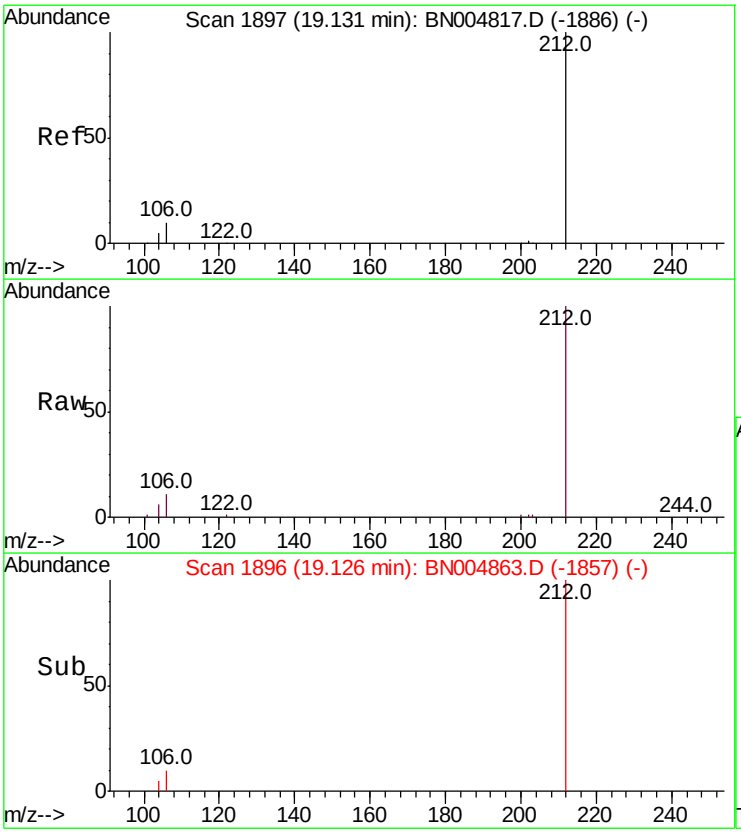
#24
Anthracene
Concen: 0.025 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:178 Resp: 1057

Ion	Ratio	Lower	Upper
178	100		
176	17.1	14.5	21.7
179	16.4	12.2	18.4

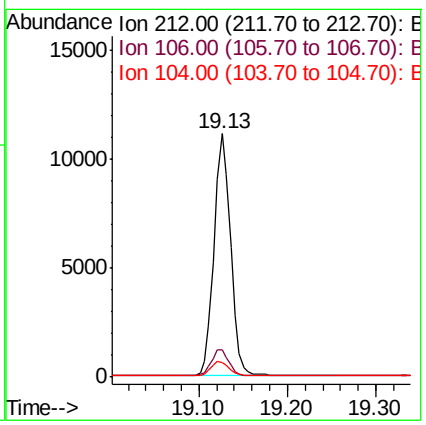


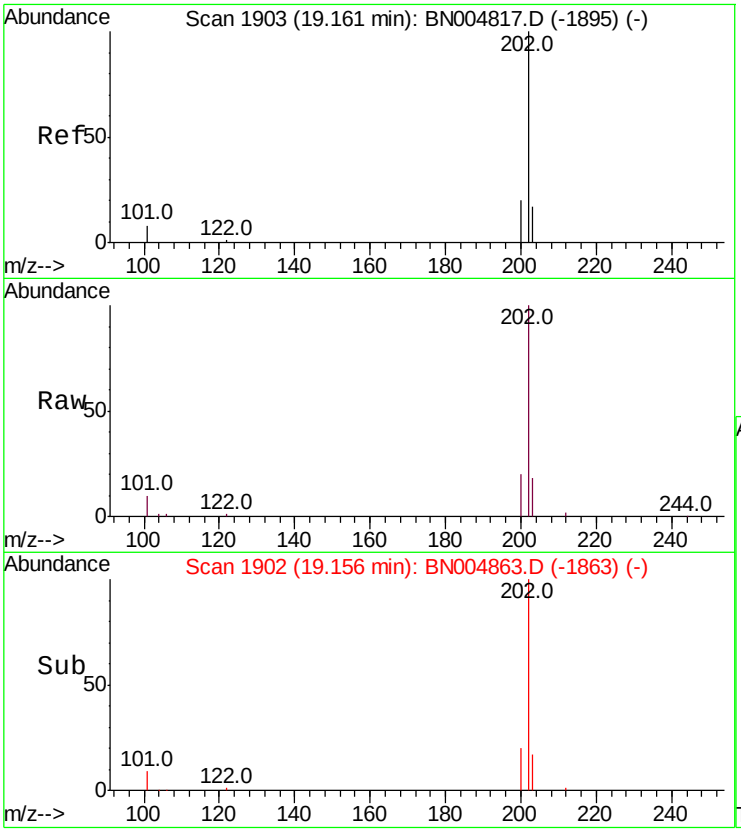


#25
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:212 Resp: 14359

Ion	Ratio	Lower	Upper
212	100		
106	11.1	8.6	13.0
104	6.3	4.7	7.1



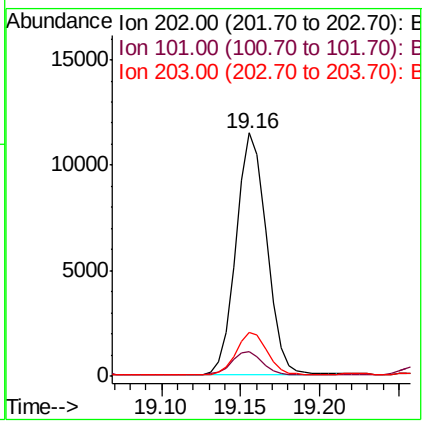


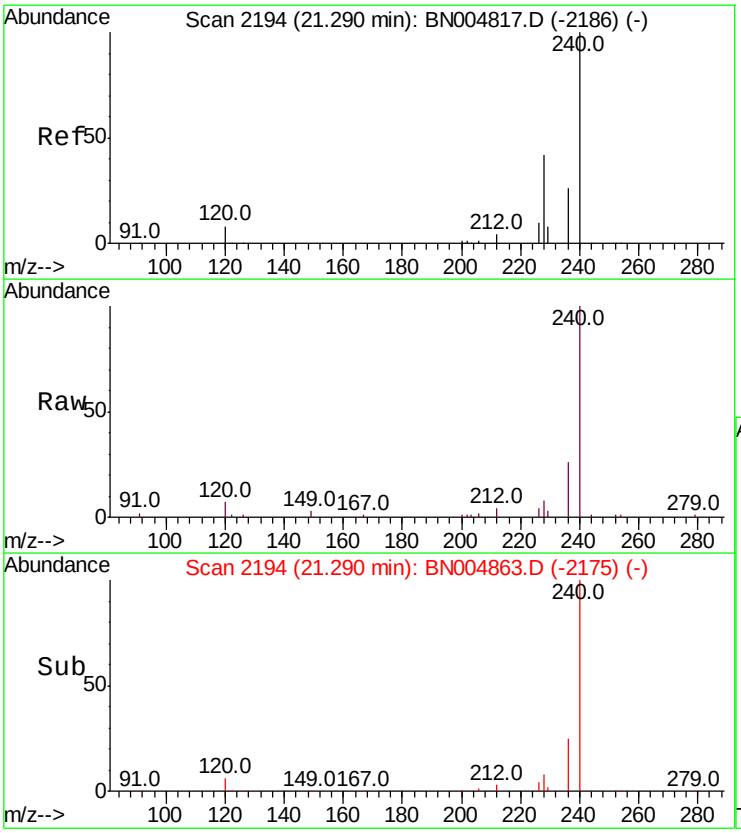
#26
Fluoranthene
Concen: 0.247 ng
RT: 19.16 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:202 Resp: 15336

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.5	11.3
203	17.4	13.8	20.6

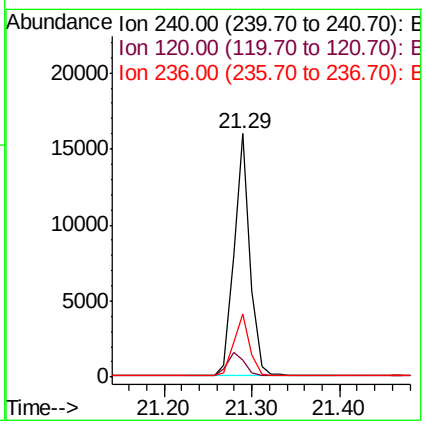


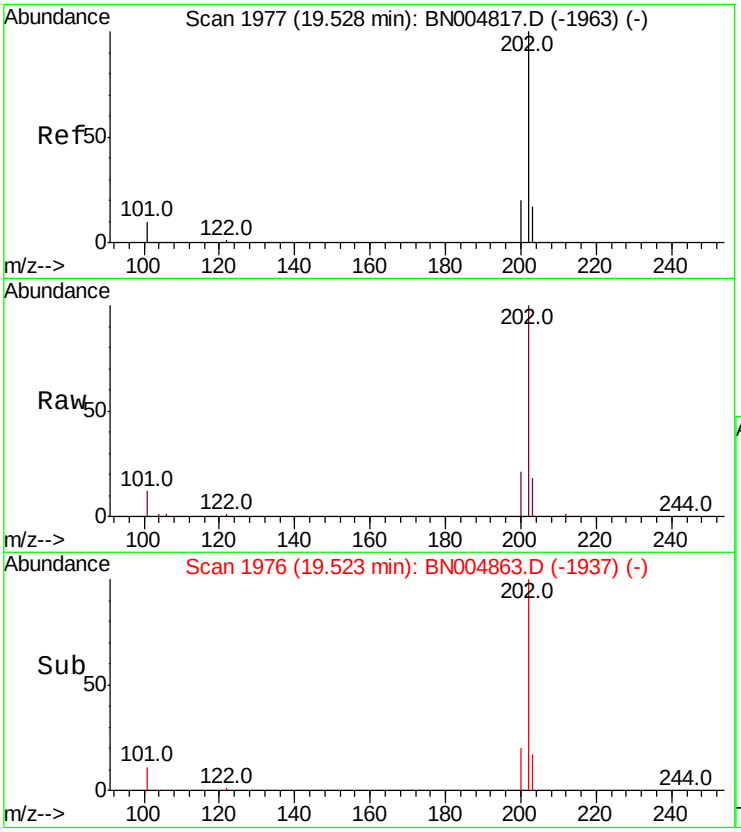


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:240 Resp: 19931

Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.2	10.8#
236	25.7	20.9	31.3



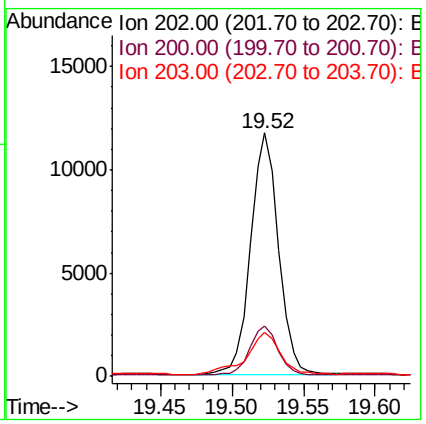


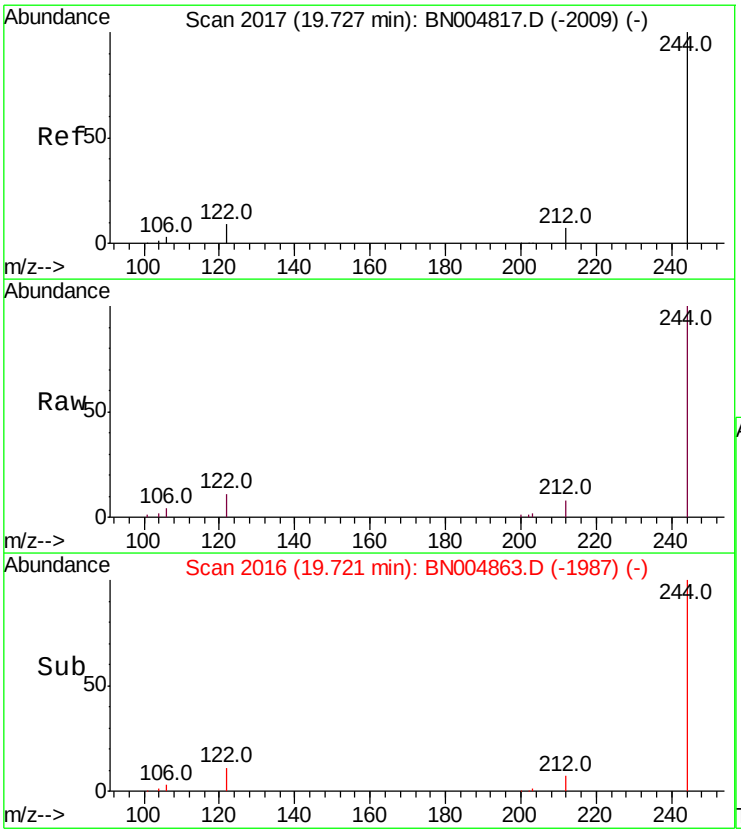
#28
Pyrene
Concen: 0.263 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:202 Resp: 15954

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	20.3	14.0	21.0

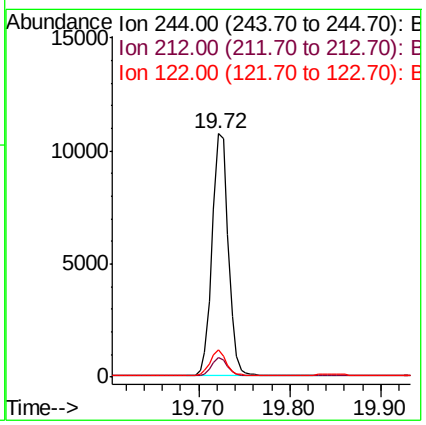


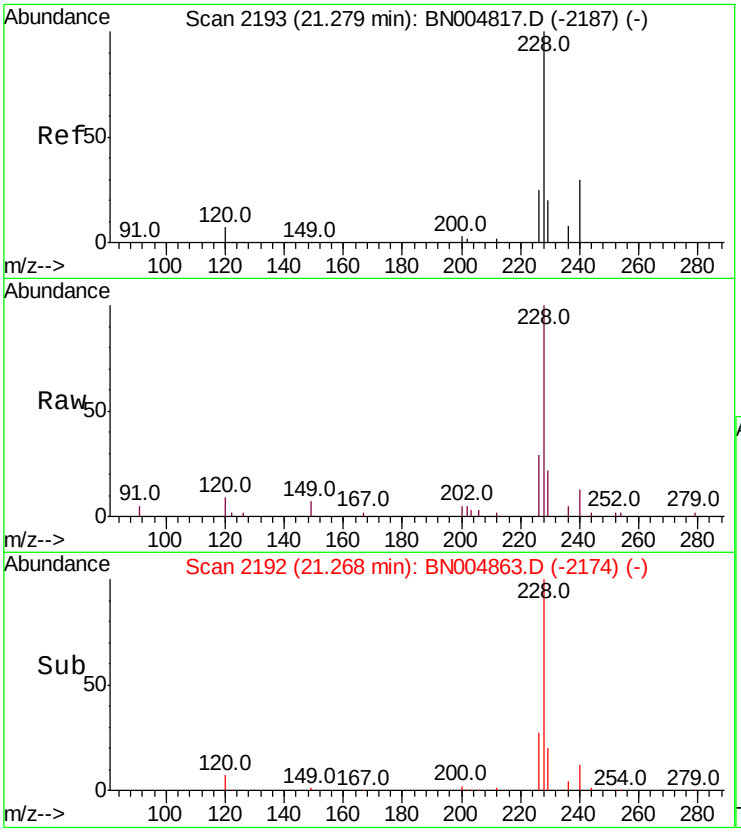


#29
Terphenyl-d14
Concen: 0.320 ng
RT: 19.72 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:244 Resp: 13034

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	11.2	7.9	11.9



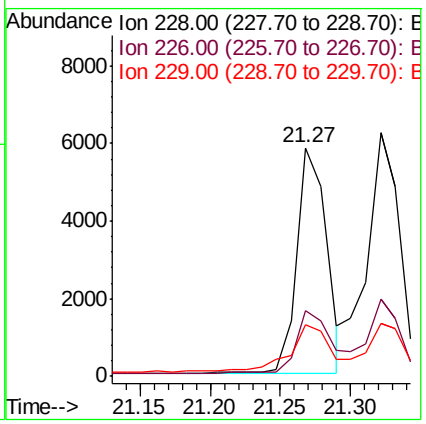


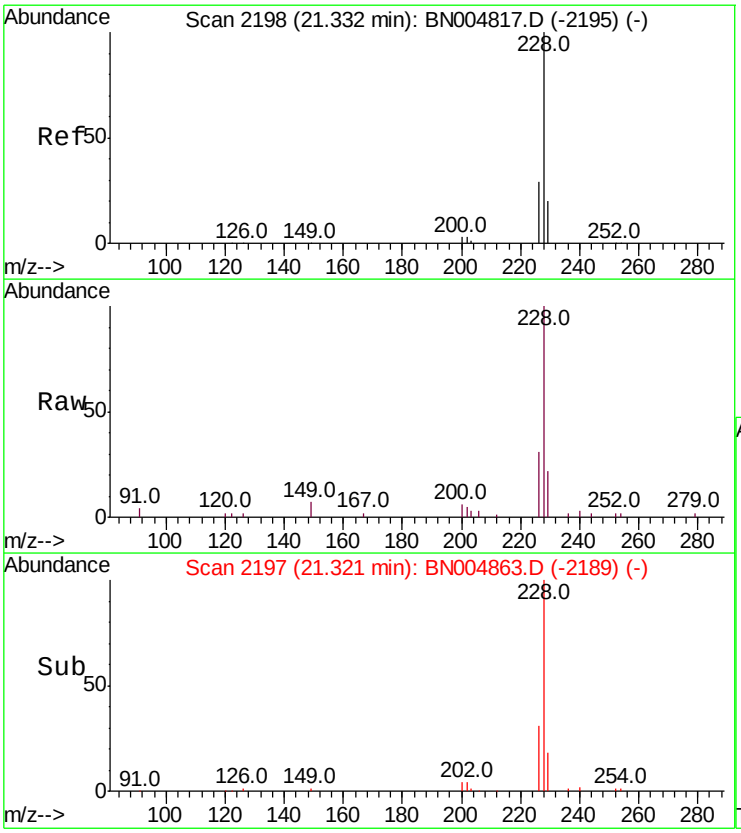
#30
Benzo(a)anthracene
Concen: 0.131 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:228 Resp: 8558

Ion	Ratio	Lower	Upper
228	100		
226	28.6	20.6	31.0
229	22.3	16.2	24.4

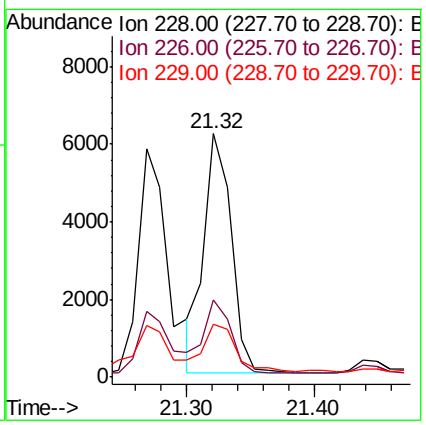


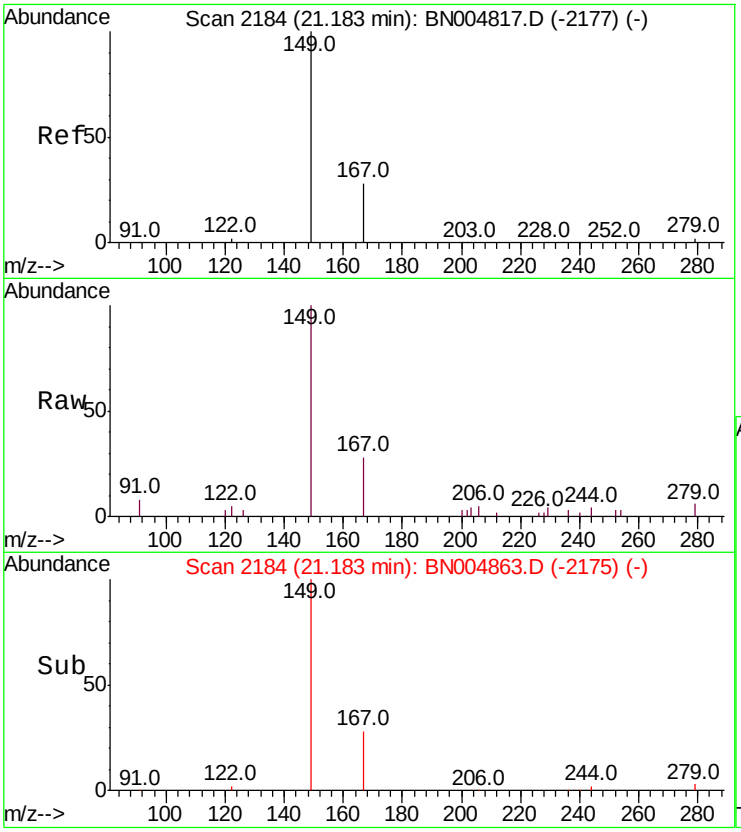


#31
Chrysene
Concen: 0.133 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:228 Resp: 9188

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.0	34.6
229	21.5	16.2	24.2



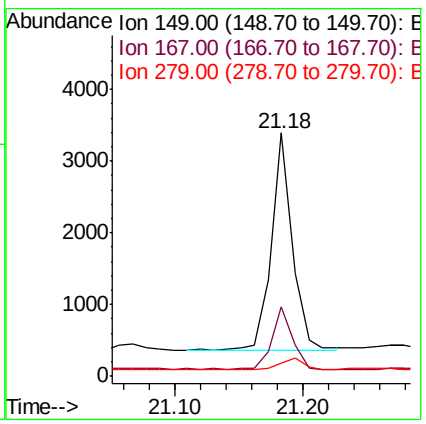


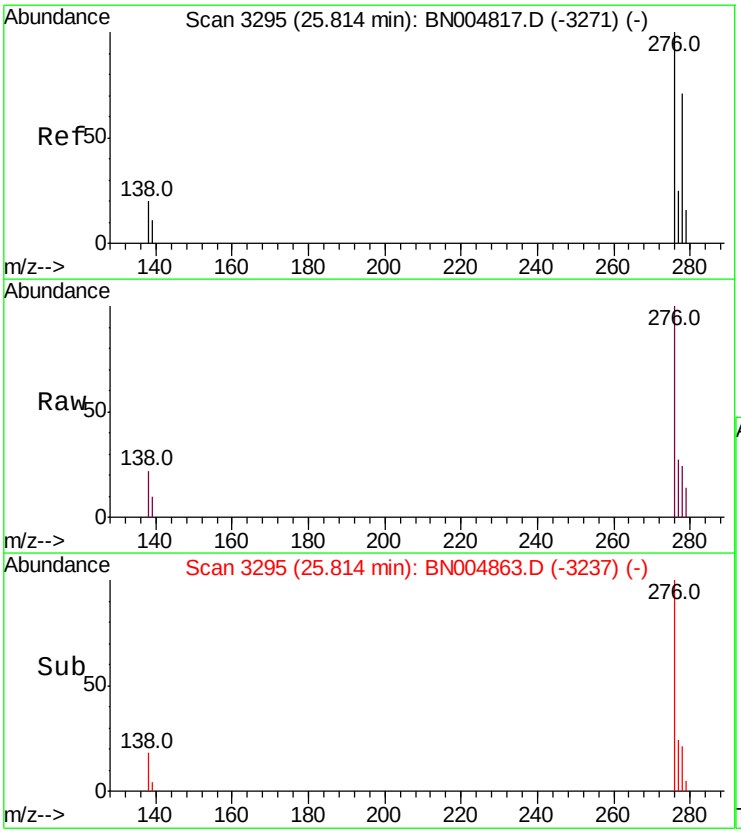
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.133 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:149 Resp: 3462

Ion	Ratio	Lower	Upper
149	100		
167	27.0	23.0	34.4
279	5.5	4.6	6.8

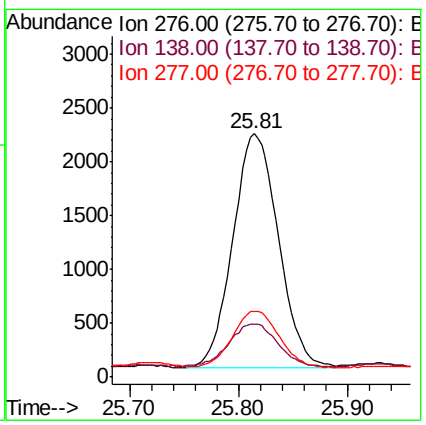


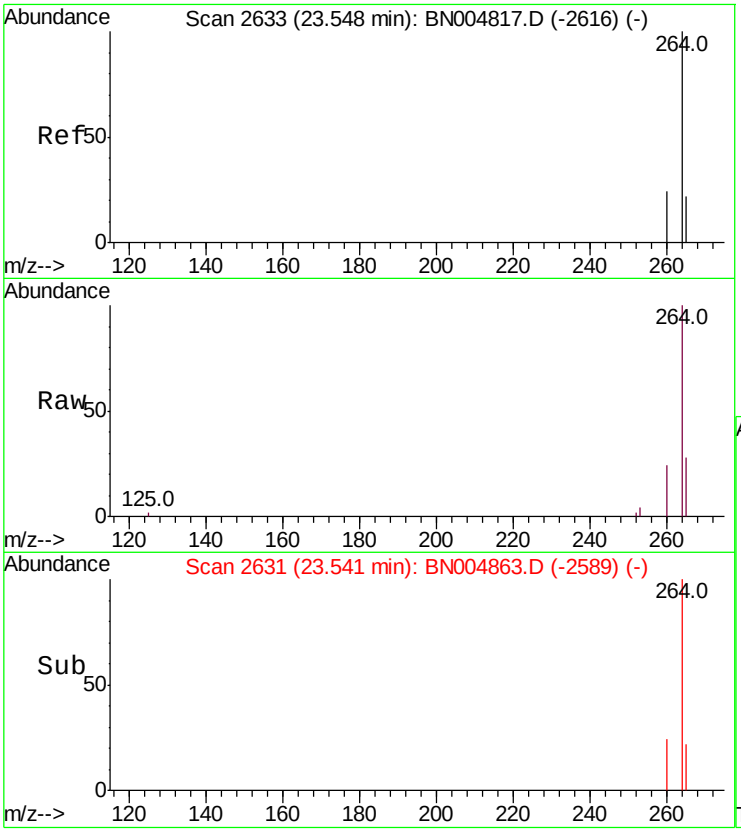


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.063 ng
RT: 25.81 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:276 Resp: 6317

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.6	24.8
277	24.5	20.3	30.5



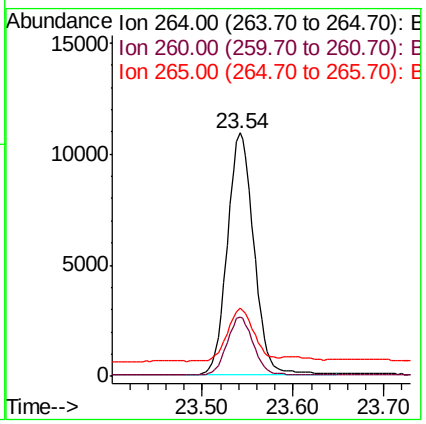


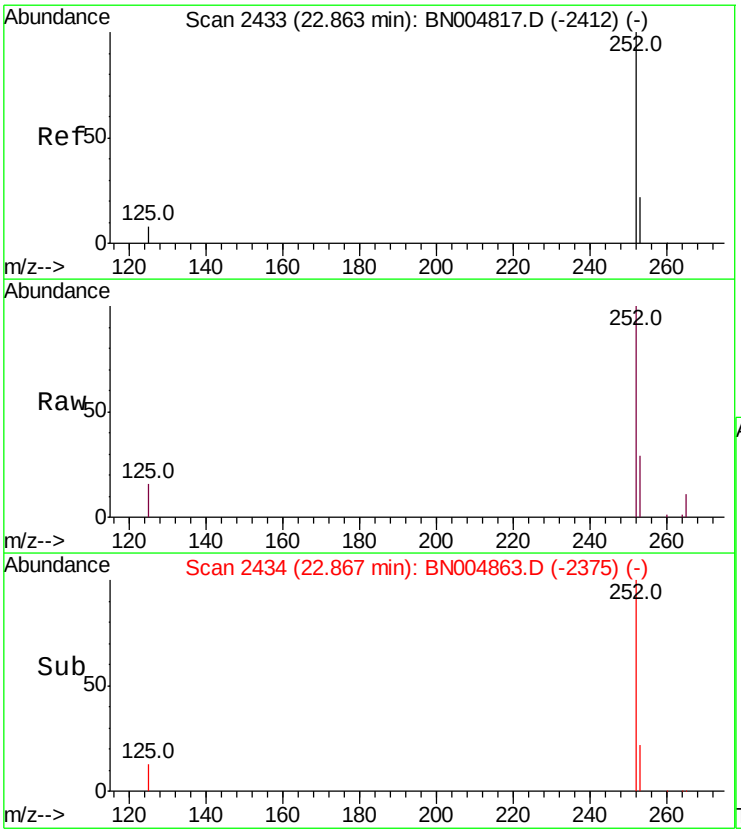
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:264 Resp: 21918

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	27.8	23.1	34.7

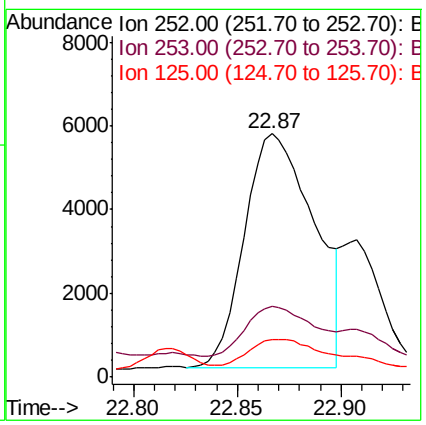


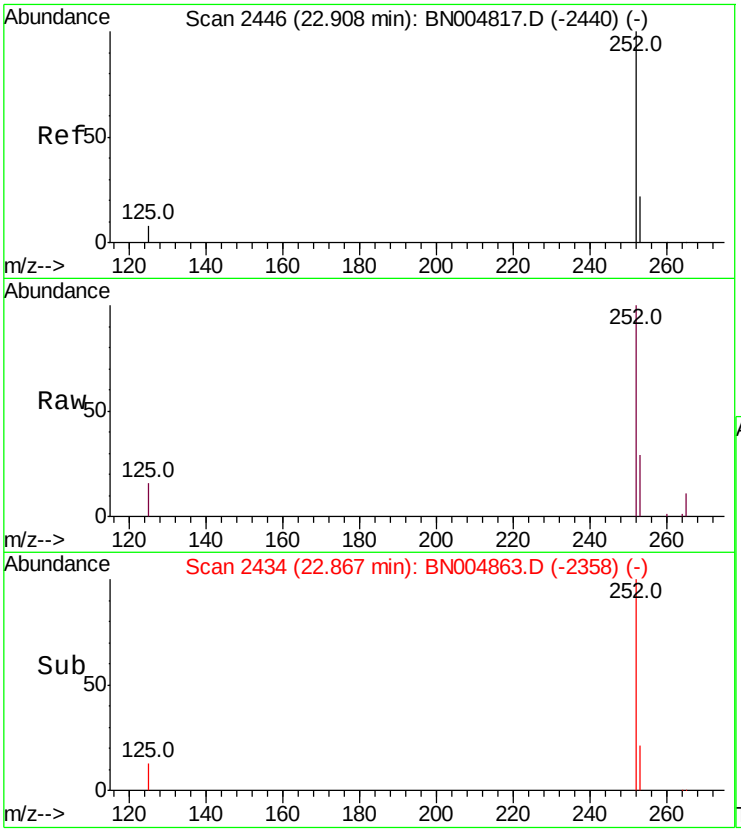


#35
Benzo(b)fluoranthene
Concen: 0.164 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:252 Resp: 13012

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.0	28.4#
125	15.6	7.4	11.2#



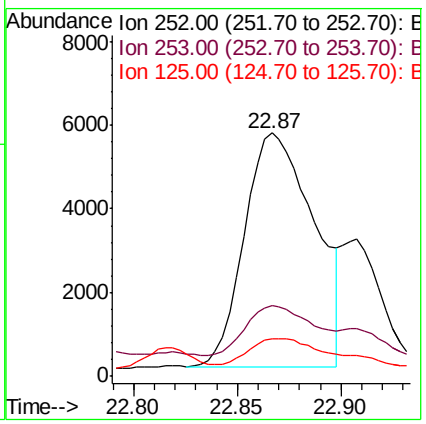


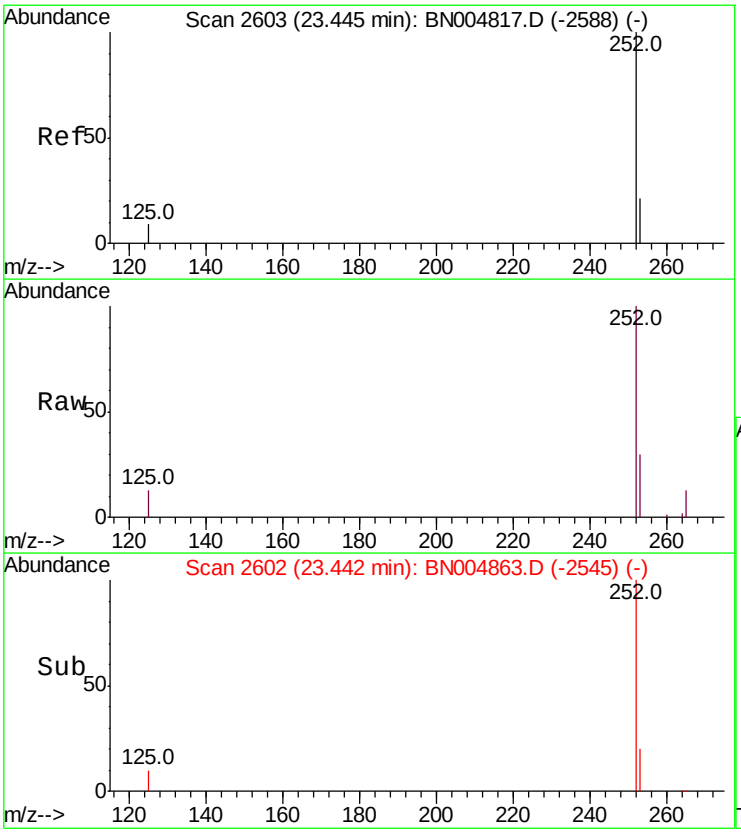
#36
Benzo(k)fluoranthene
Concen: 0.167 ng
RT: 22.87 min Scan# 2434
Delta R.T. -0.04 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:252 Resp: 13012

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.3	28.9
125	15.6	7.4	11.0#

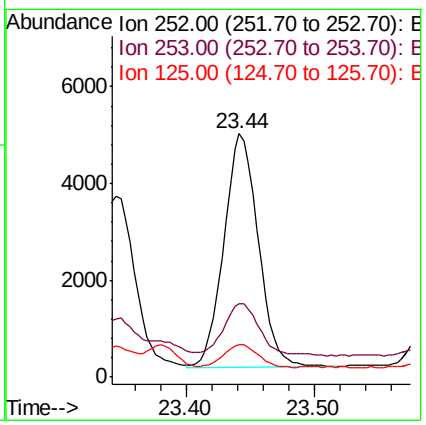


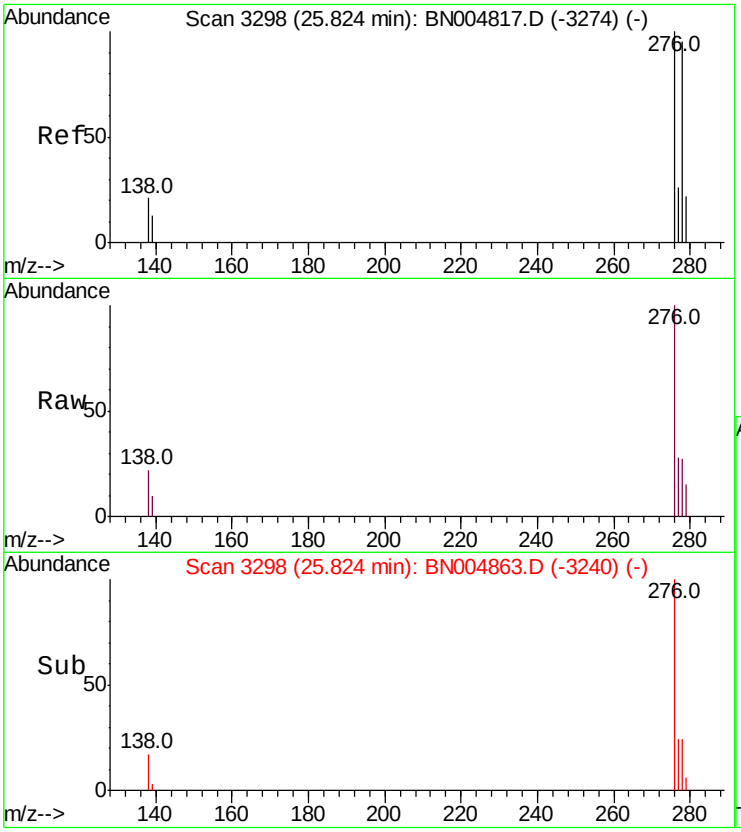


#37
Benzo(a)pyrene
Concen: 0.123 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:252 Resp: 8971

Ion	Ratio	Lower	Upper
252	100		
253	30.3	19.7	29.5#
125	13.1	8.3	12.5#



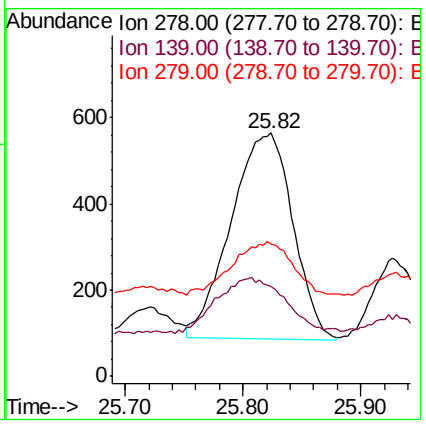


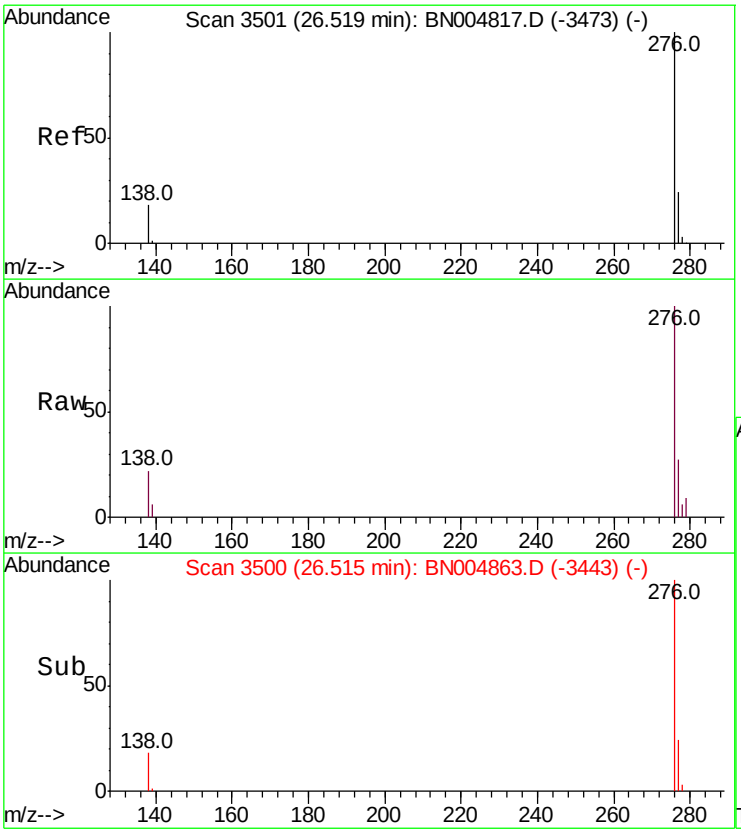
#38
Dibenzo(a,h)anthracene
Concen: 0.021 ng
RT: 25.82 min Scan# 3298
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Instrument :
BNA_N
ClientSampleId :
PST-028-B009-030619

Tgt Ion:278 Resp: 1740

Ion	Ratio	Lower	Upper
278	100		
139	36.8	11.7	17.5#
279	54.2	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.074 ng
RT: 26.52 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BN004863.D
Acq: 21 Mar 2019 22:55

Tgt Ion:276 Resp: 6359

Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.7	29.5
138	22.1	14.6	22.0#