Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006644.D
Acq On : 29 Jun 2019 09:41
Operator : HP/JU
Sample : K3446-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-008-B253-061819

Quant Time: Jul 01 08:15:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	5380	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	23469	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	15067	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	31902	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	23595	0.40	ng		-0.01
34) Perylene-d12	23.50	264	27675	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	4371	0.33	ng		0.00
5) Phenol-d6	6.81	99	6542	0.37	ng		-0.02
8) Nitrobenzene-d5	8.78	82	5434	0.34	ng		-0.01
11) 2-Methylnaphthalene-d10	11.99	152	13614	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	2373	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	18466	0.33	ng		-0.01
25) Fluoranthene-d10	19.08	212	33295	0.36	ng		0.00
29) Terphenyl-d14	19.68	244	27411	0.55	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	6.97	93	1391	0.089	ng	#	26
9) Naphthalene	10.44	128	252890	4.101	ng		99
12) 2-Methylnaphthalene	12.07	142	127516	2.992	ng		98
16) Acenaphthylene	13.99	152	274986	3.828	ng		99
17) Acenaphthene	14.33	154	187656	3.965	ng		99
18) Fluorene	15.32	166	388630	6.509	ng		96
22) Pentachlorophenol	16.71	266	127	0.217	ng	#	80
23) Phenanthrene	17.07	178	4603815	50.752	ng		99
24) Anthracene	17.16	178	1328163	16.875	ng	#	93
26) Fluoranthene	19.11	202	5493778	49.834	ng		96
28) Pyrene	19.48	202	4831039	58.514	ng	#	93
30) Benzo(a)anthracene	21.25	228	2557917	33.159	ng		97
31) Chrysene	21.30	228	2128823	25.599	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	164143	4.228	ng		91
33) Indeno(1,2,3-cd)pyrene	25.74	276	1058691	12.578	ng		98
35) Benzo(b)fluoranthene	22.84	252	2350857	24.972	ng	#	95
36) Benzo(k)fluoranthene	22.84	252	2350857	23.426	ng	#	95
37) Benzo(a)pyrene	23.41	252	1743494	19.811	ng	#	96
38) Dibenzo(a,h)anthracene	25.74	278	311984	4.058	ng	#	86
39) Benzo(g,h,i)perylene	26.43	276	953719	12.427	ng		99

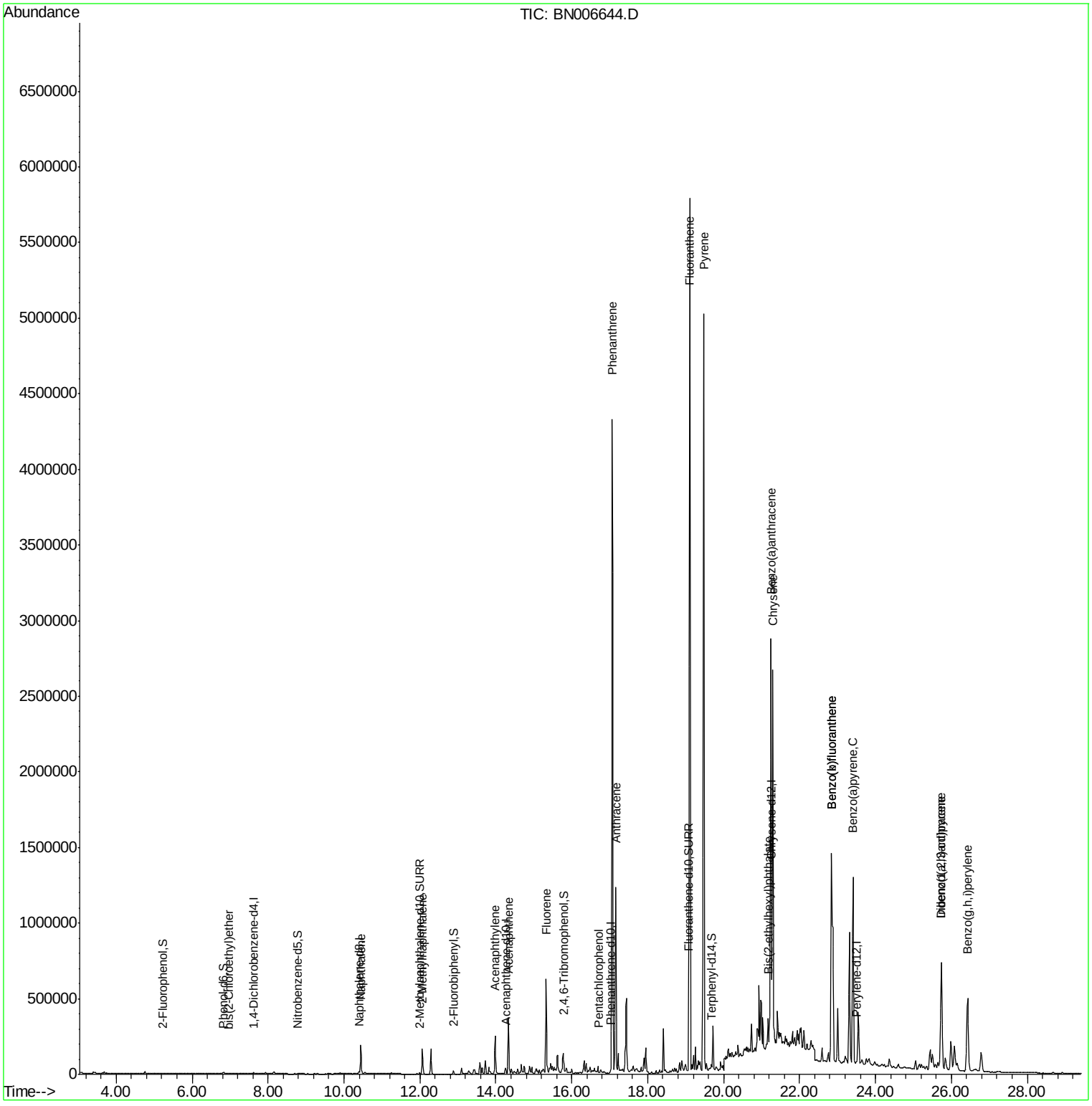
(#) = qualifier out of range (m) = manual integration (+) = signals summed

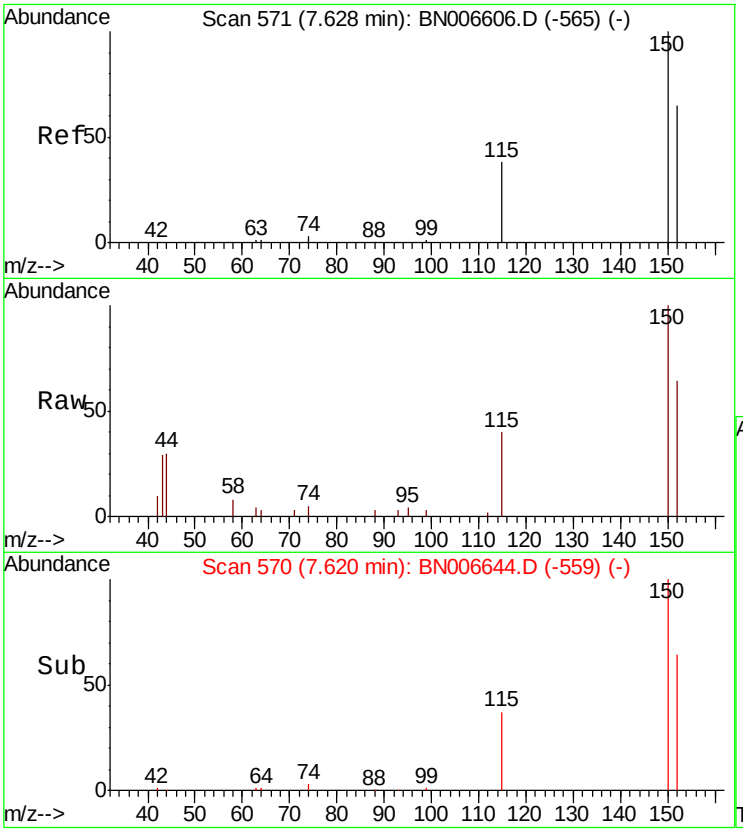
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006644.D
Acq On : 29 Jun 2019 09:41
Operator : HP/JU
Sample : K3446-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Quant Time: Jul 01 08:15:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



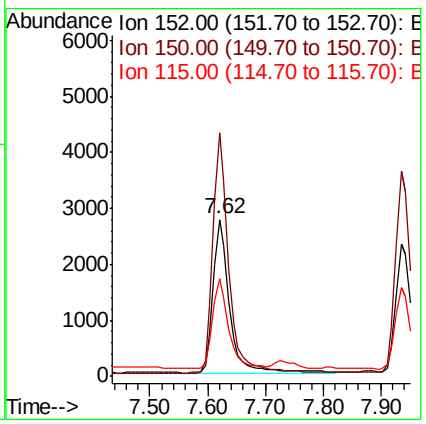


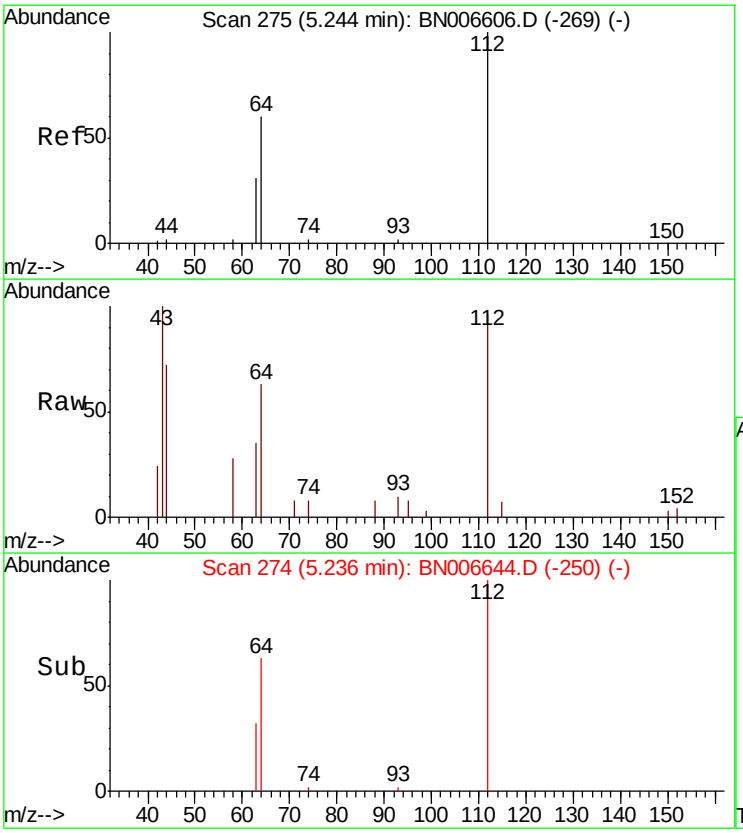
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:152 Resp: 5380

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.2	183.2
115	62.3	50.0	75.0

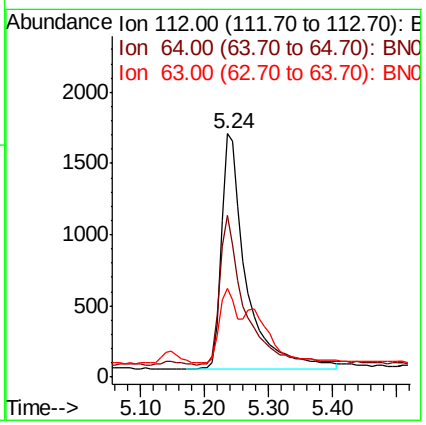


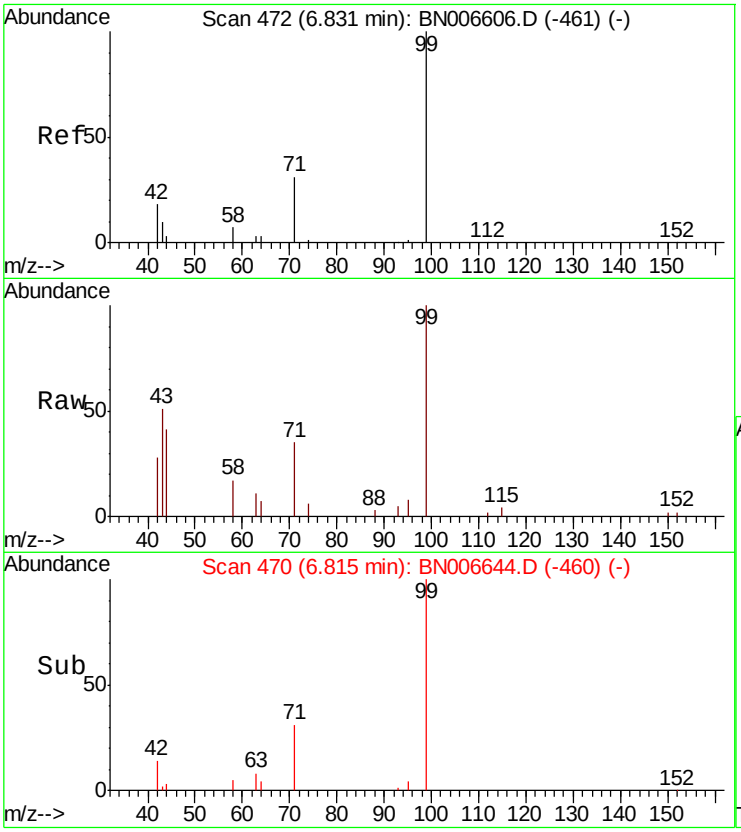


#4
2-Fluorophenol
Concen: 0.331 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:112 Resp: 4371

Ion	Ratio	Lower	Upper
112	100		
64	63.0	48.9	73.3
63	24.8	24.3	36.5



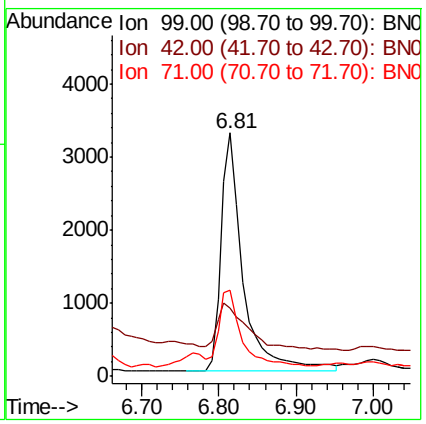


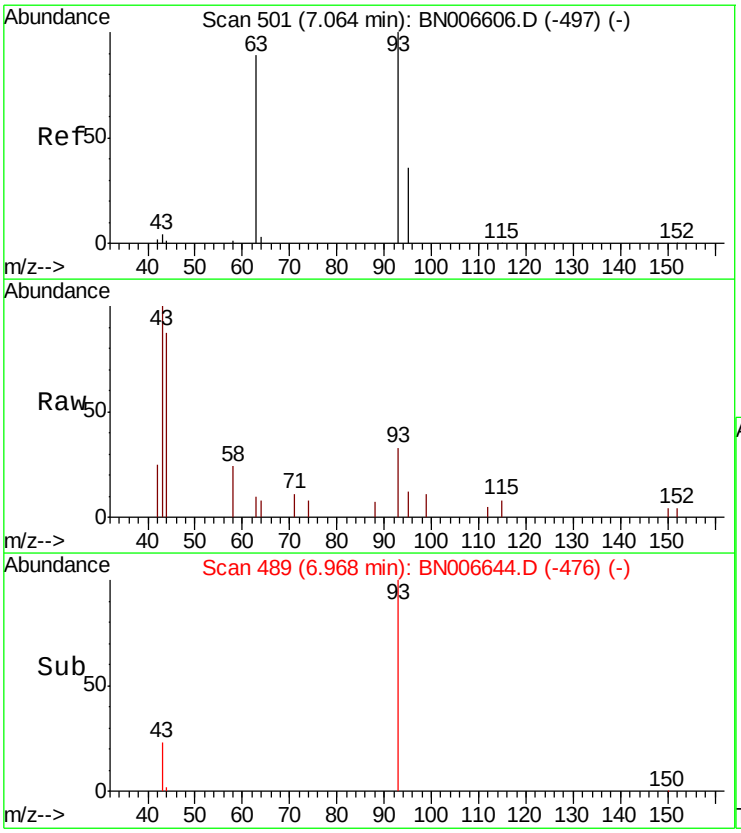
#5
Phenol-d6
Concen: 0.375 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion: 99 Resp: 6542

Ion	Ratio	Lower	Upper
99	100		
42	27.1	16.4	24.6#
71	31.6	26.6	40.0

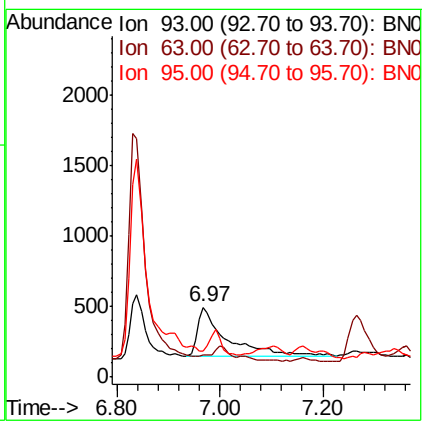


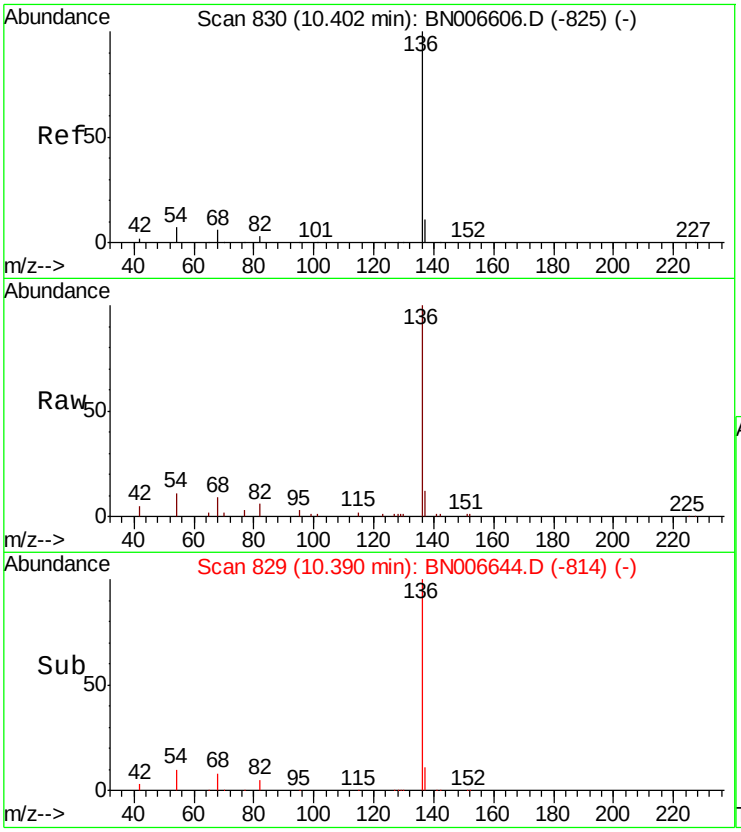


#6
bis(2-Chloroethyl)ether
Concen: 0.089 ng
RT: 6.97 min Scan# 489
Delta R.T. -0.10 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion: 93 Resp: 1391

Ion	Ratio	Lower	Upper
93	100		
63	0.0	52.5	78.7#
95	0.0	24.2	36.4#



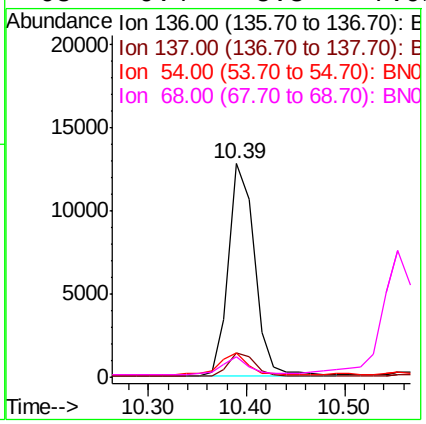


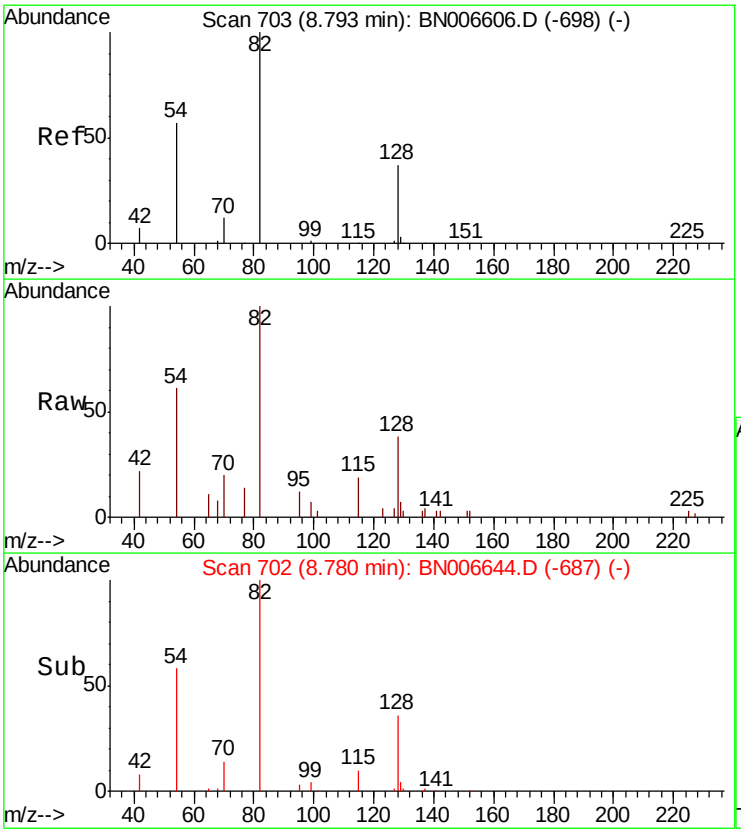
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:136 Resp: 23469

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	11.5	6.7	10.1#
68	9.4	5.3	7.9#

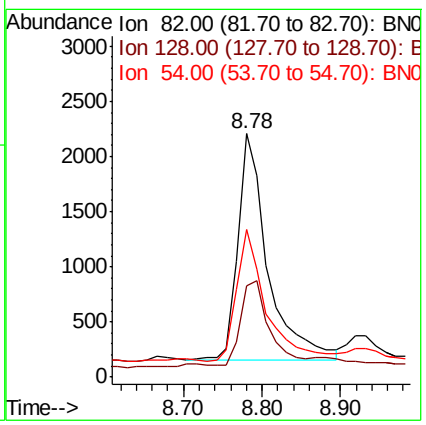


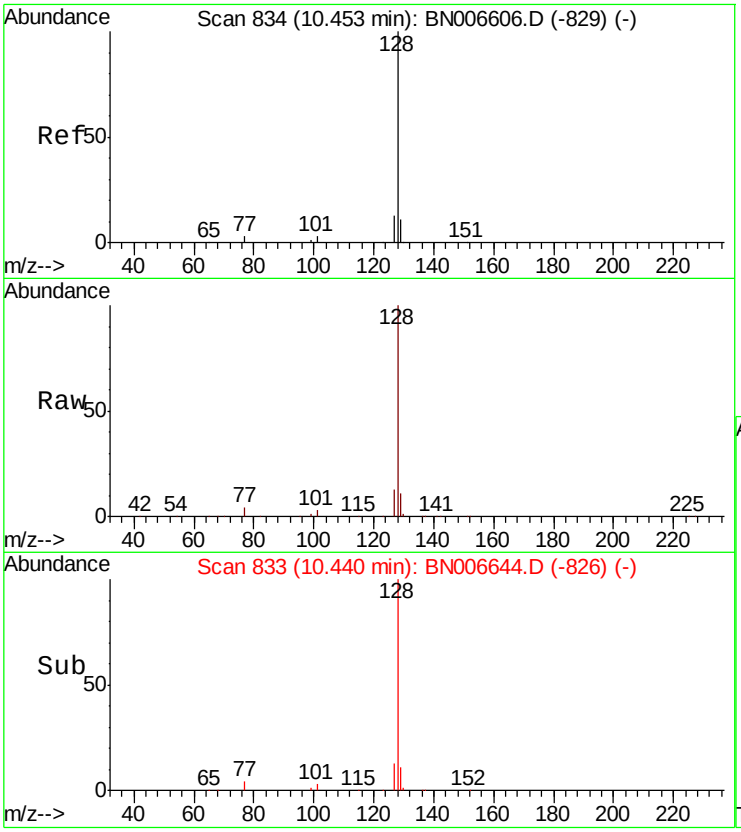


#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion: 82 Resp: 5434

Ion	Ratio	Lower	Upper
82	100		
128	37.6	32.6	49.0
54	60.7	48.2	72.4



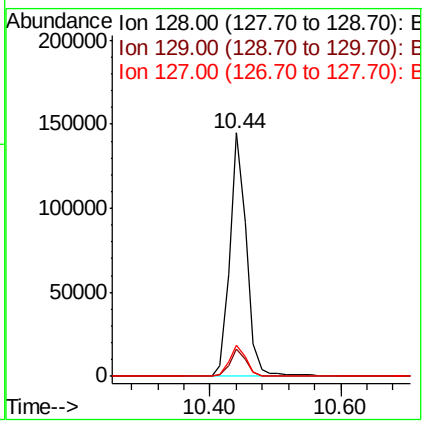


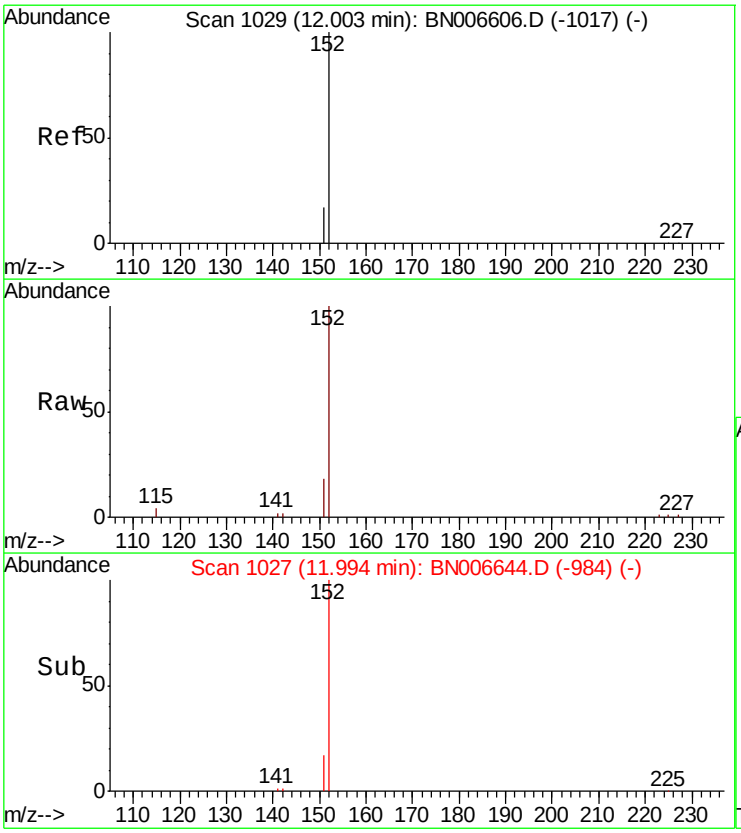
#9
Naphthalene
Concen: 4.101 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:128 Resp: 252890

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	13.1	10.8	16.2

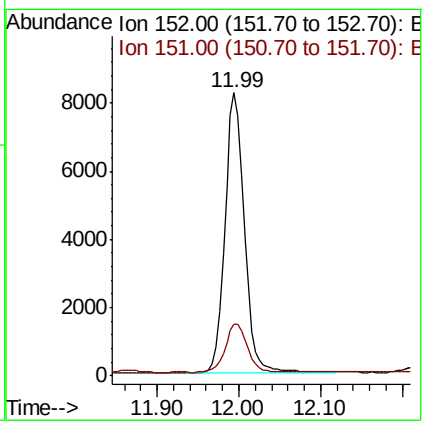


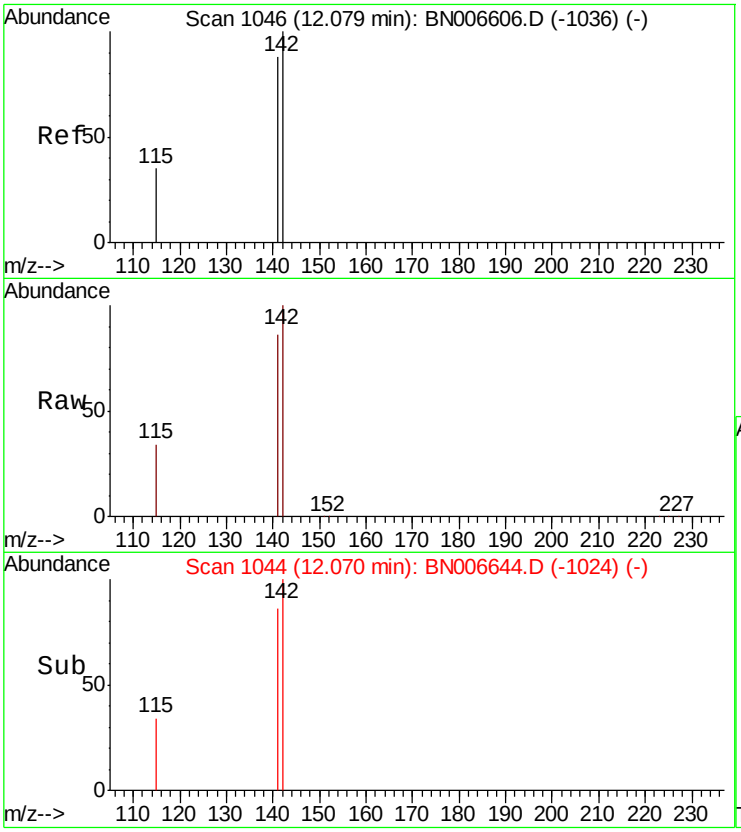


#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.99 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:152 Resp: 13614

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.0	22.4



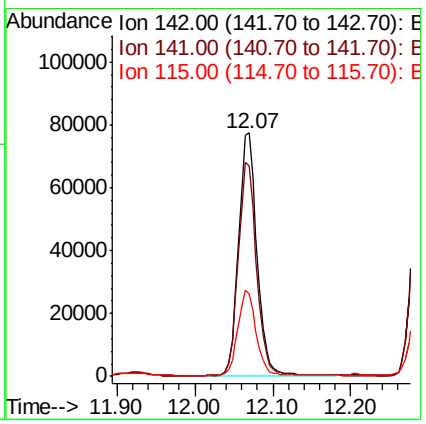


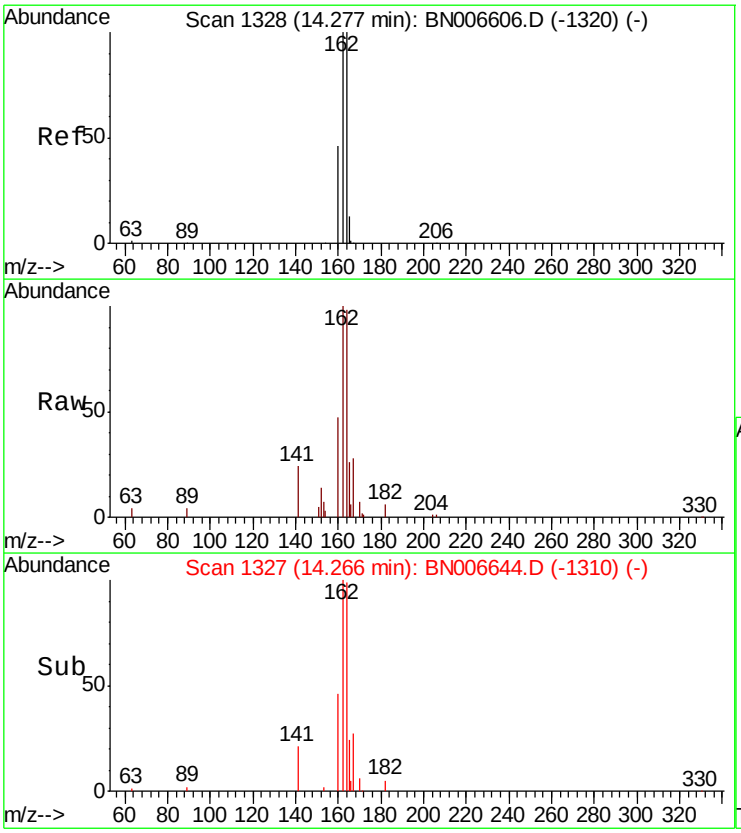
#12
2-Methylnaphthalene
Concen: 2.992 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:142 Resp: 127516

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.2	105.4
115	33.9	28.5	42.7

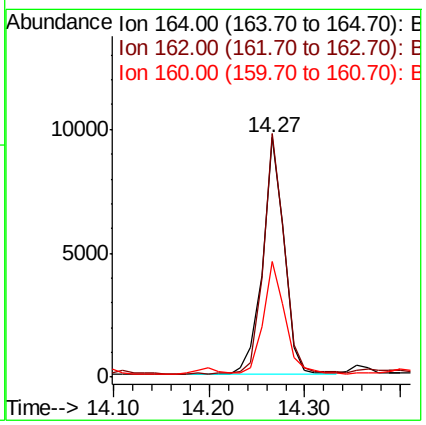


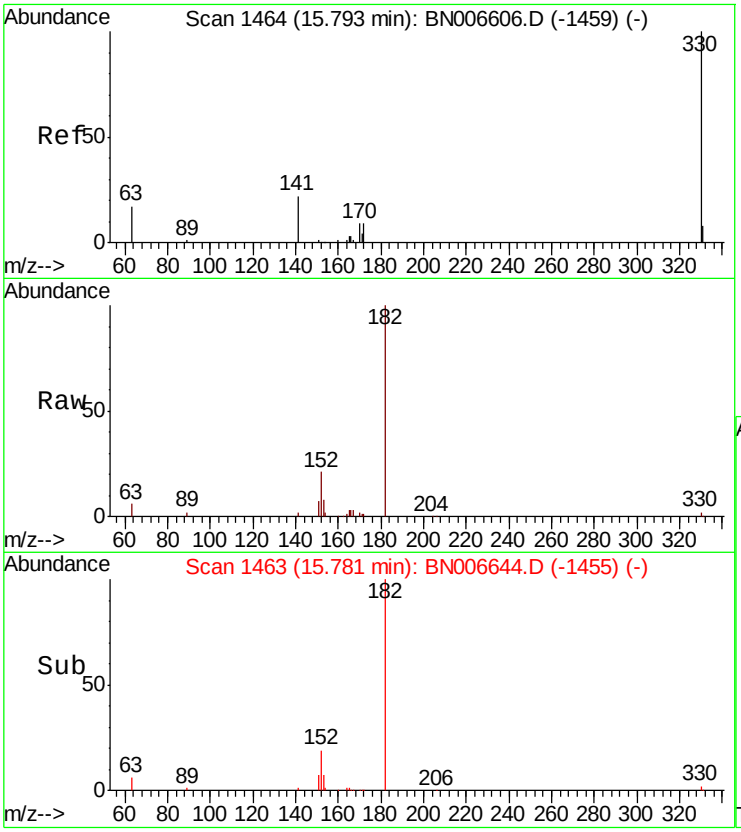


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:164 Resp: 15067

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.0	120.0
160	48.1	37.0	55.4



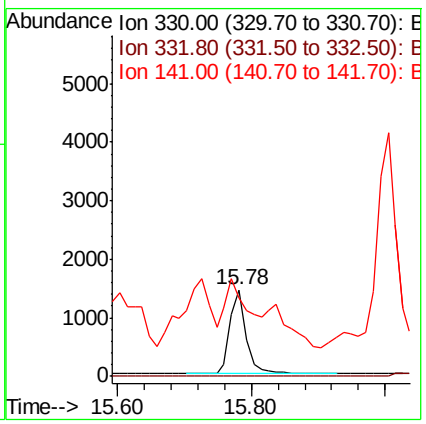


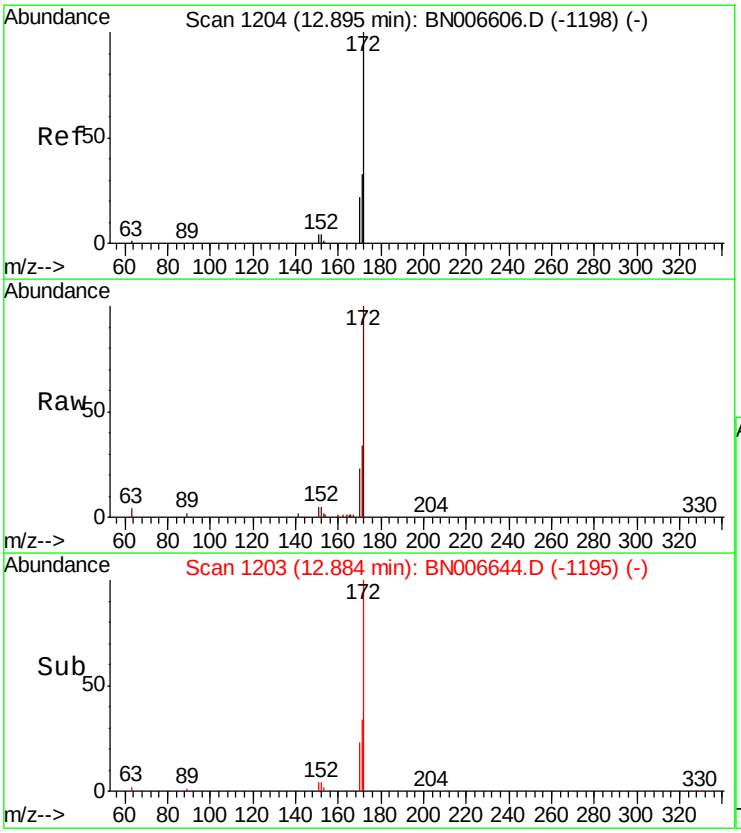
#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:330 Resp: 2373

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	65.6	26.5	39.7#

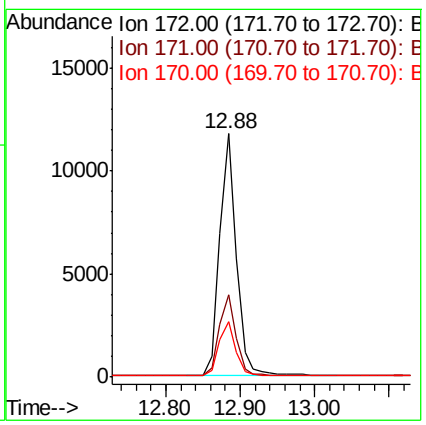


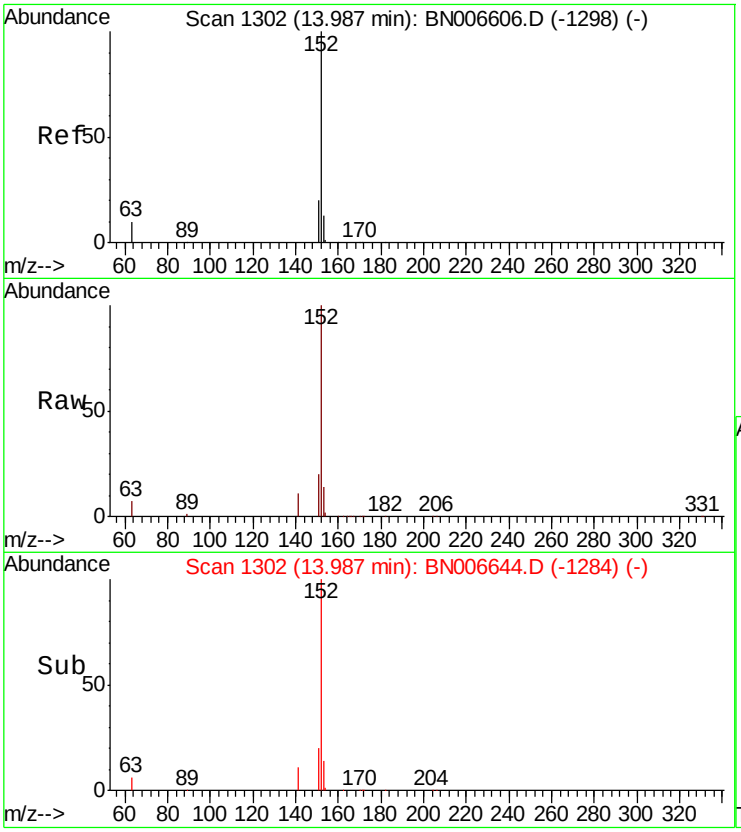


#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:172 Resp: 18466

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.0	40.4
170	22.8	17.7	26.5



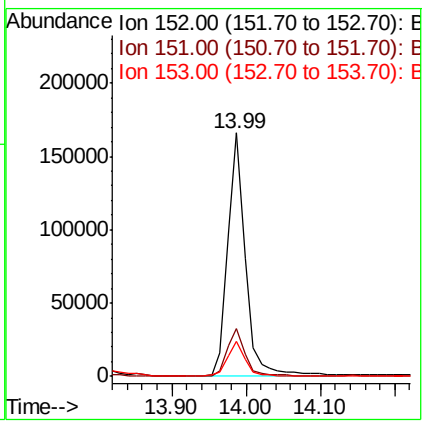


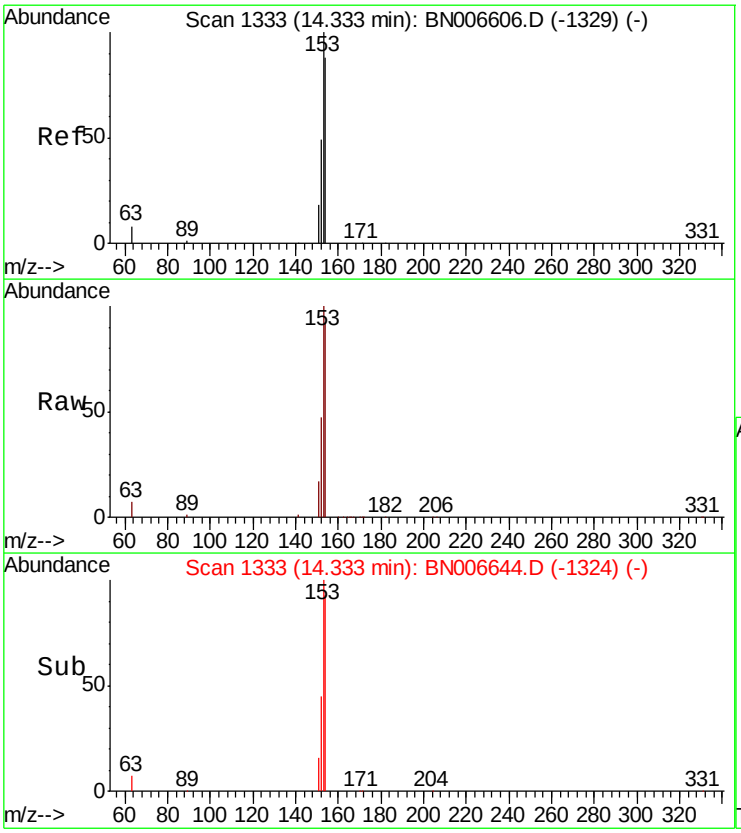
#16
Acenaphthylene
Concen: 3.828 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:152 Resp: 274986

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	14.2	10.5	15.7

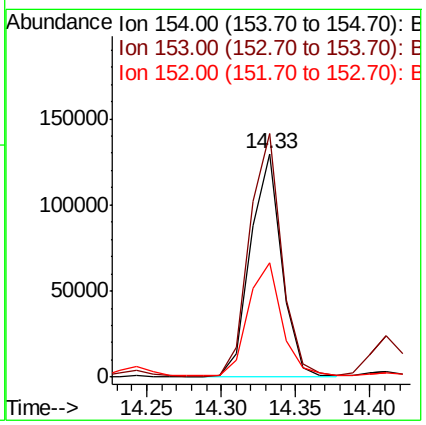


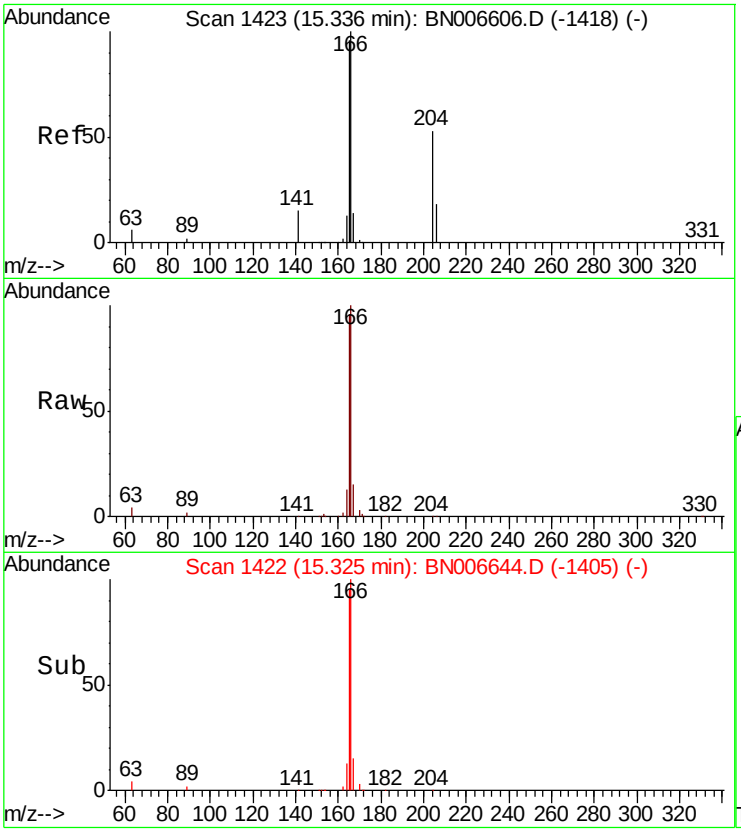


#17
Acenaphthene
Concen: 3.965 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:154 Resp: 187656

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.2	135.4
152	54.6	44.2	66.4



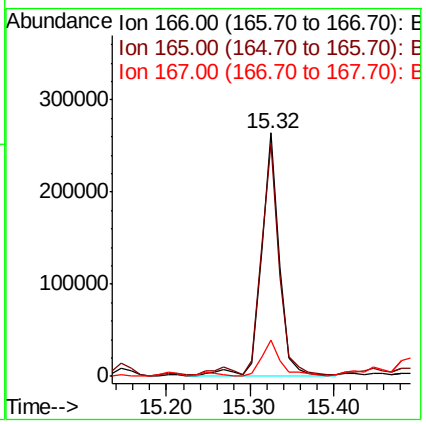


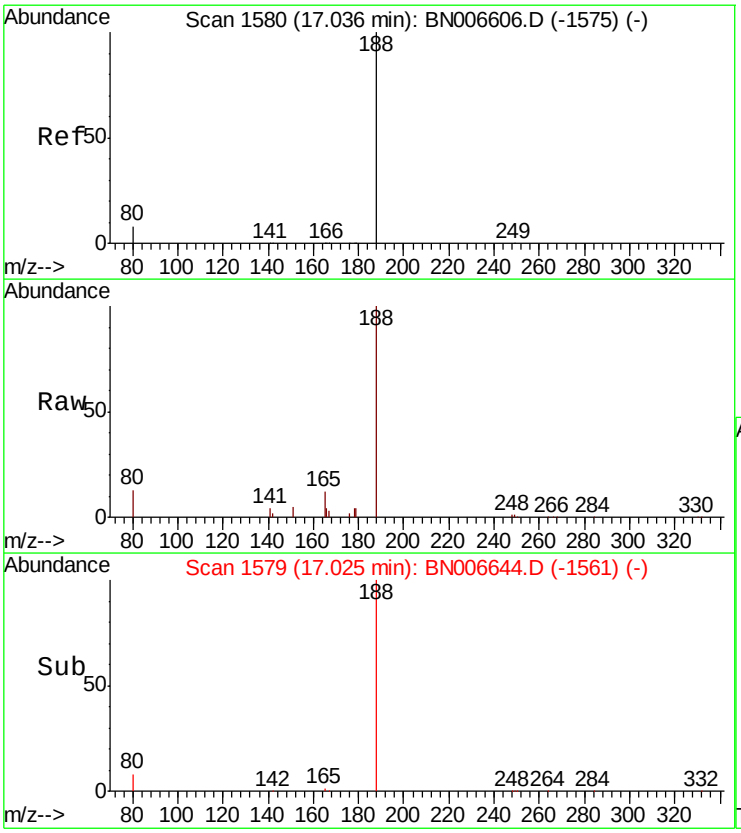
#18
Fluorene
Concen: 6.509 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:166 Resp: 388630

Ion	Ratio	Lower	Upper
166	100		
165	93.8	78.4	117.6
167	15.7	10.8	16.2

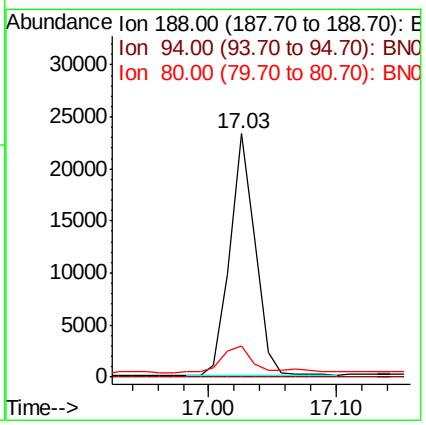


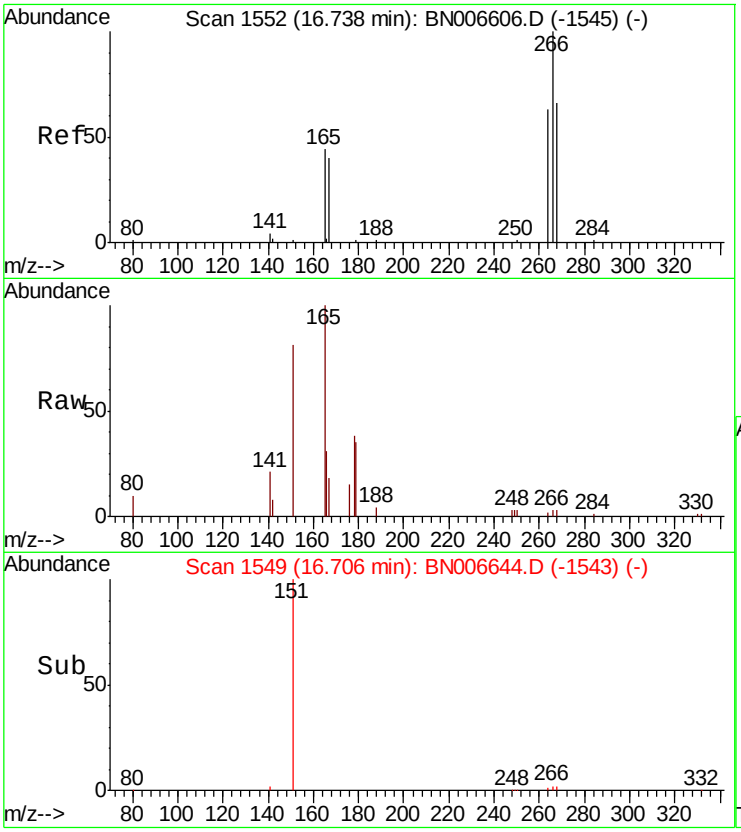


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:188 Resp: 31902

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	7.1	10.7#



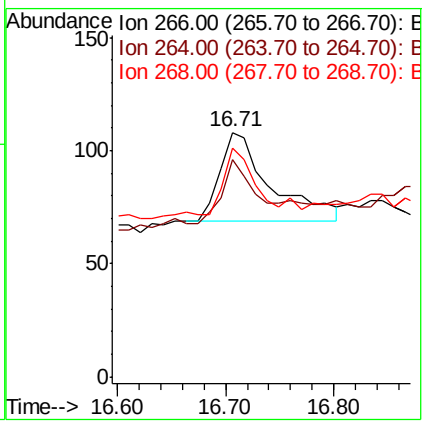


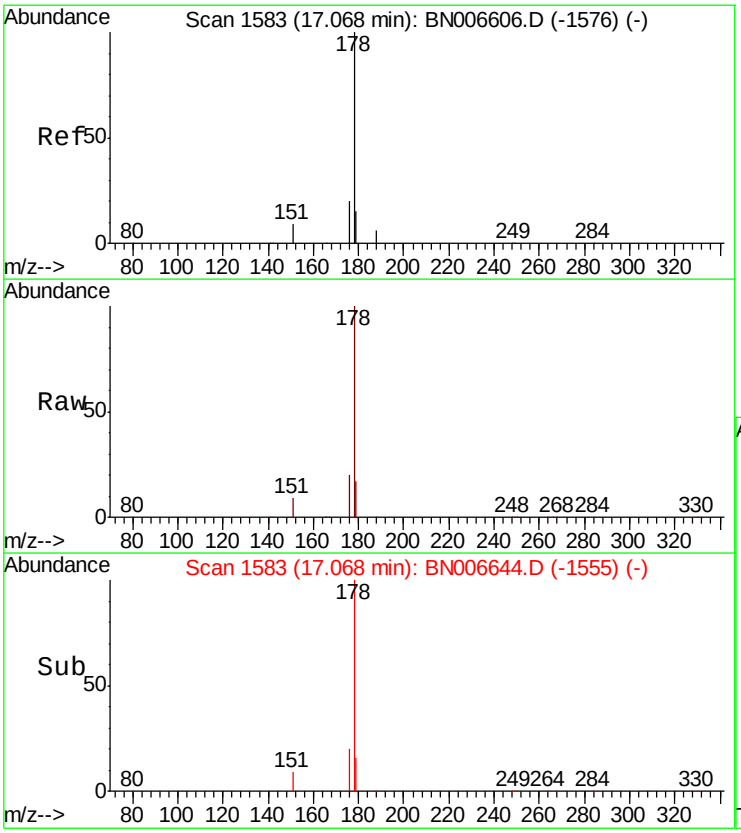
#22
Pentachlorophenol
Concen: 0.217 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:266 Resp: 127

Ion	Ratio	Lower	Upper
266	100		
264	88.9	56.2	84.4#
268	93.5	63.0	94.4

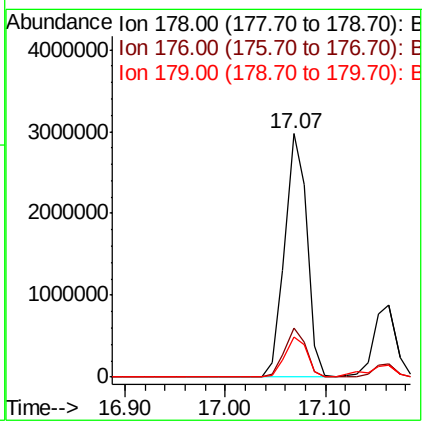


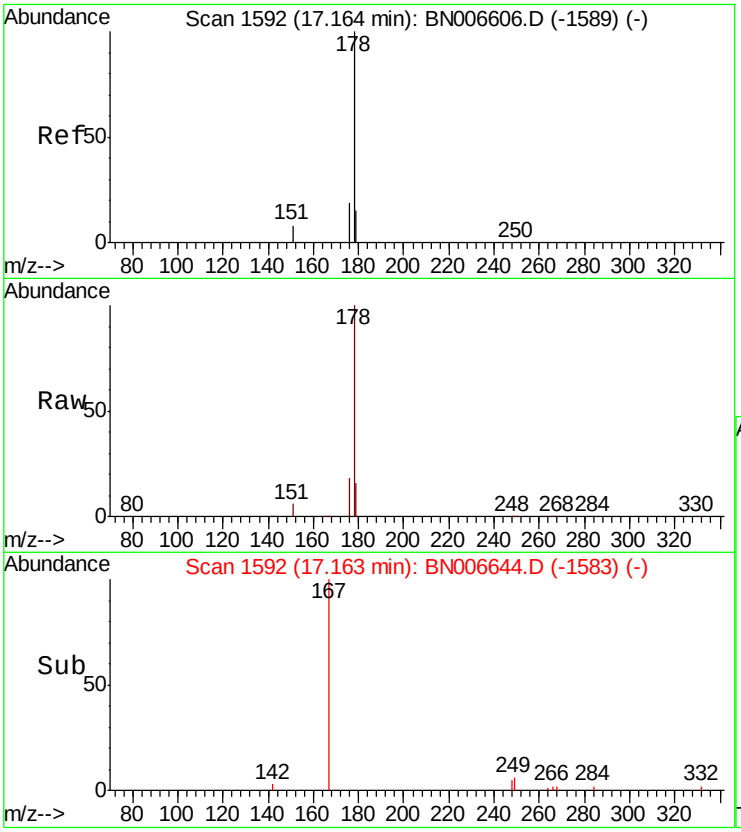


#23
Phenanthrene
Concen: 50.752 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:178 Resp: 4603815

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	16.3	12.2	18.4



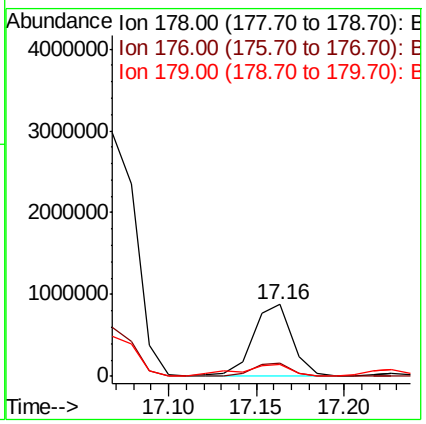


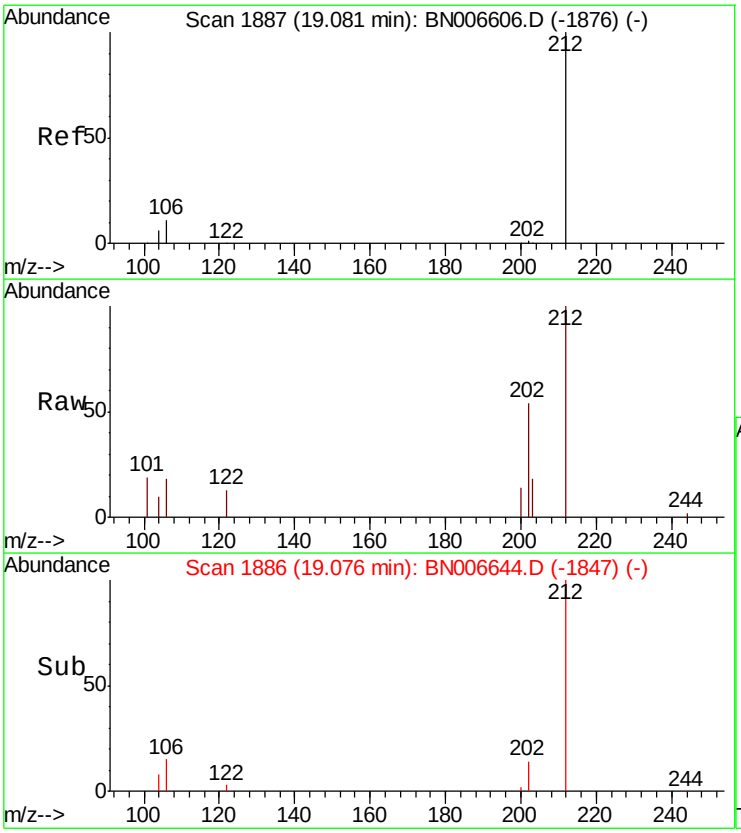
#24
Anthracene
Concen: 16.875 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:178 Resp: 1328163

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	21.3	12.2	18.2#

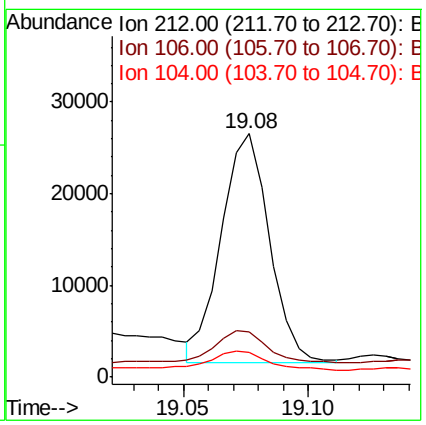


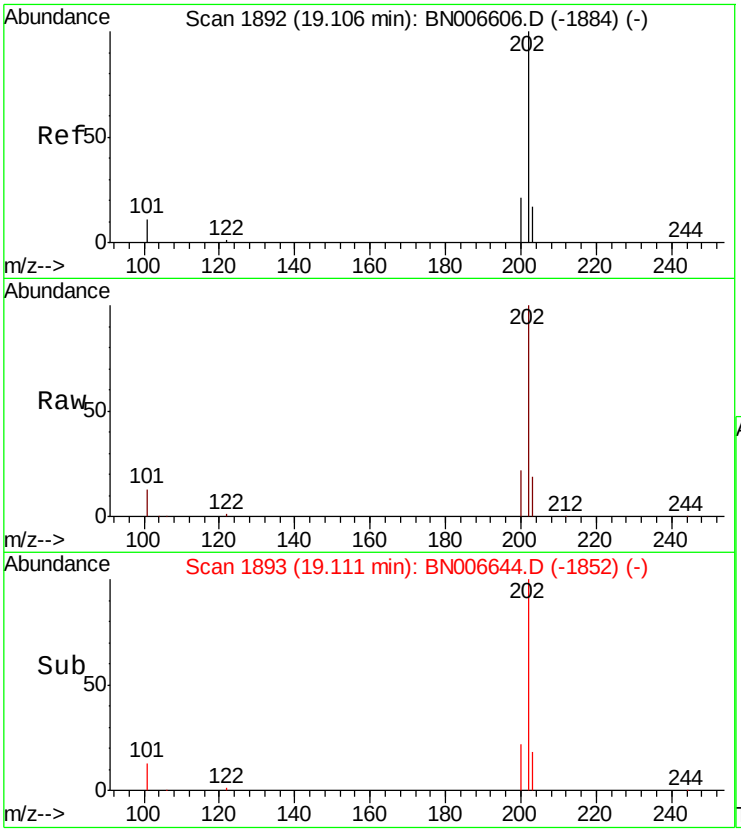


#25
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:212 Resp: 33295

Ion	Ratio	Lower	Upper
212	100		
106	15.0	10.6	15.8
104	12.0	5.8	8.6#



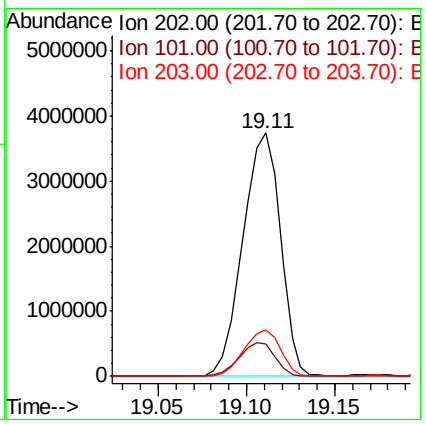


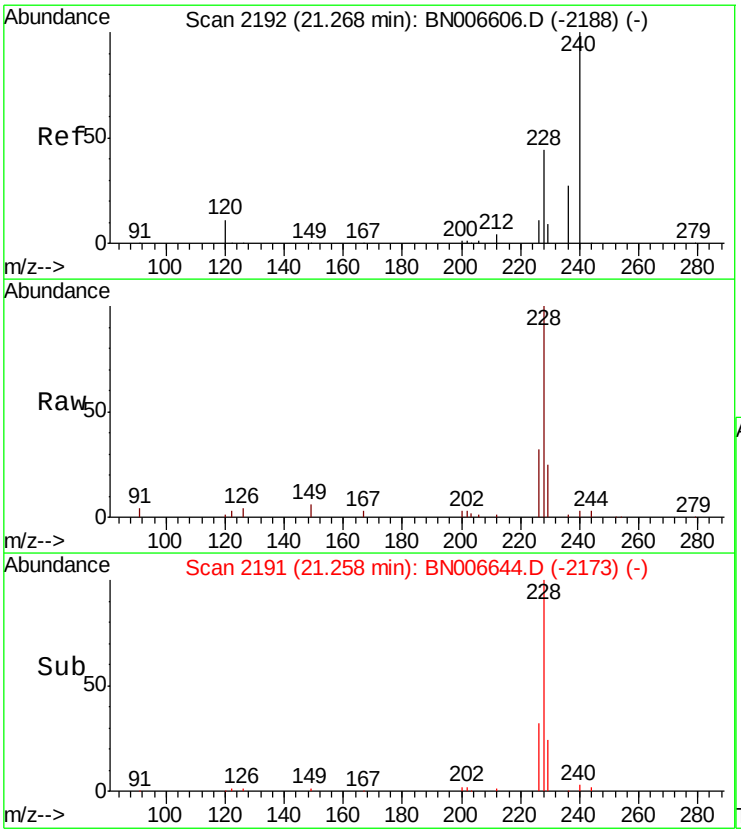
#26
Fluoranthene
Concen: 49.834 ng
RT: 19.11 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:202 Resp: 5493778

Ion	Ratio	Lower	Upper
202	100		
101	13.3	8.9	13.3
203	18.6	13.6	20.4

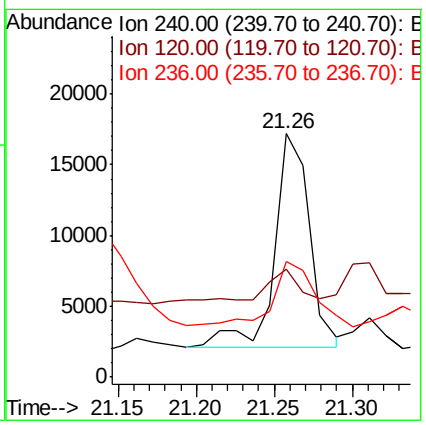


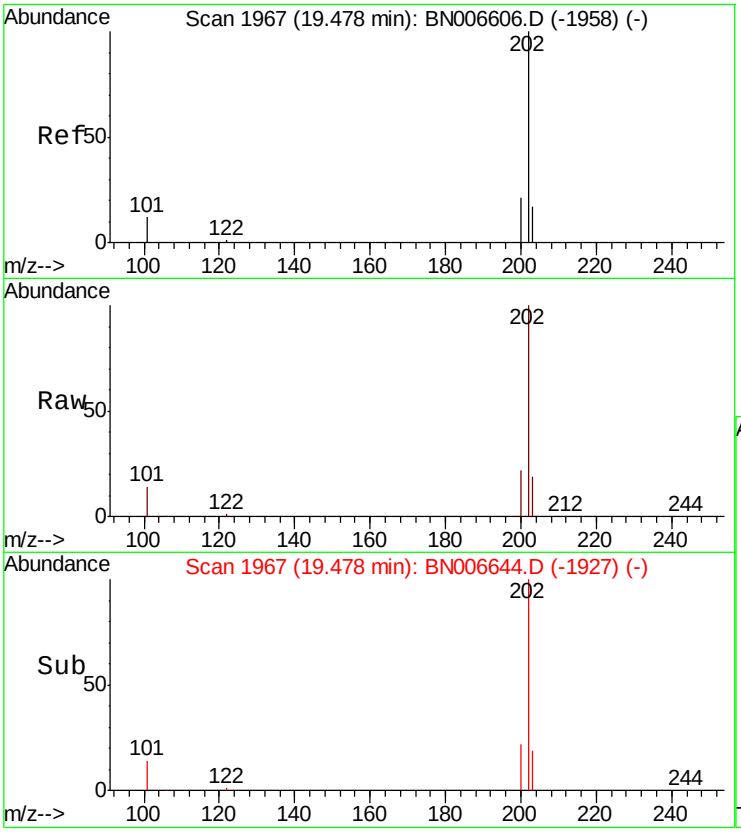


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:240 Resp: 23595

Ion	Ratio	Lower	Upper
240	100		
120	44.5	9.9	14.9#
236	47.6	22.2	33.4#



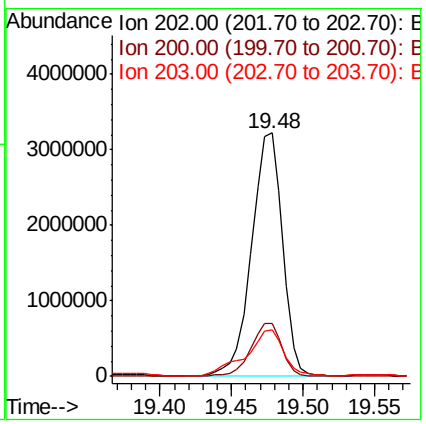


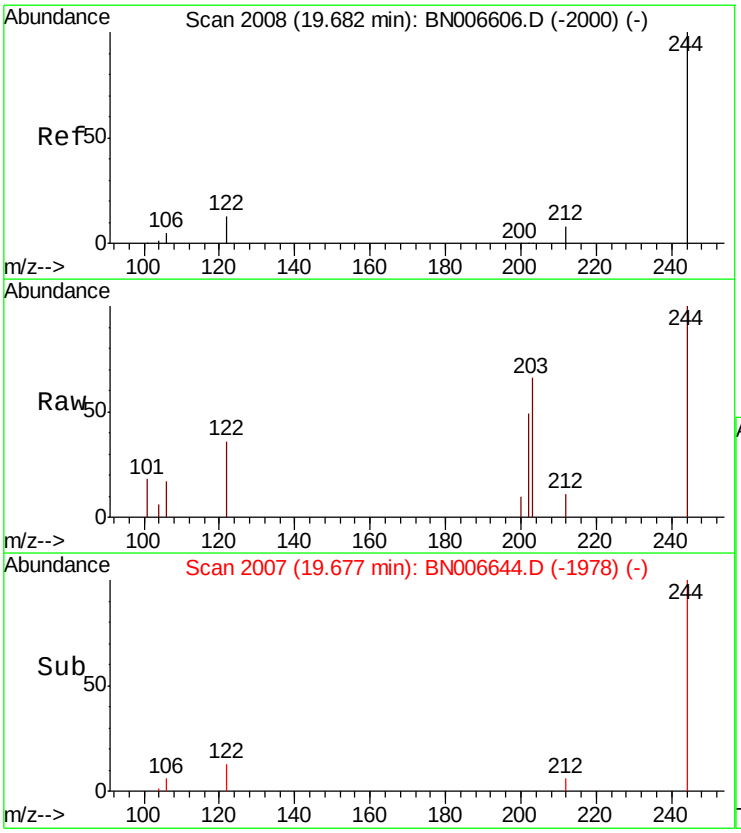
#28
Pyrene
Concen: 58.514 ng
RT: 19.48 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:202 Resp: 4831039

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	23.0	14.1	21.1#

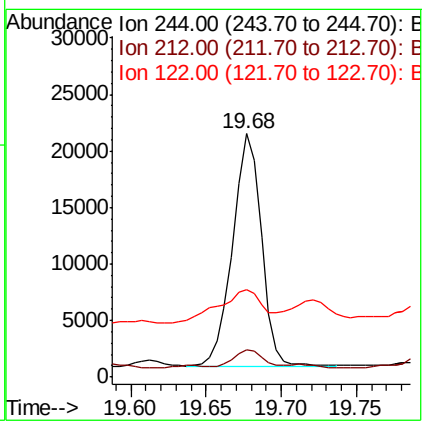


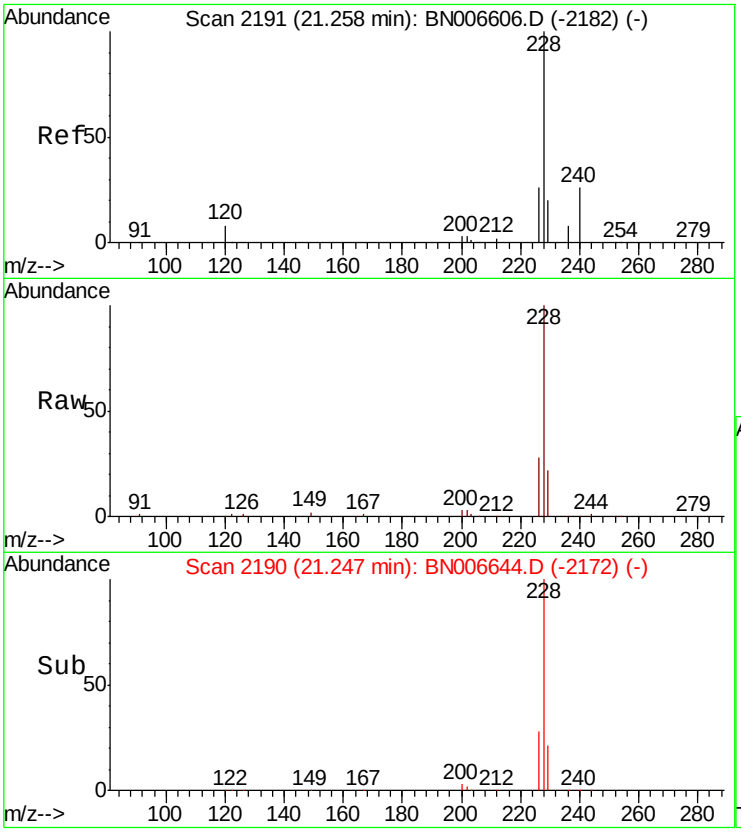


#29
Terphenyl-d14
Concen: 0.555 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:244 Resp: 27411

Ion	Ratio	Lower	Upper
244	100		
212	11.4	6.7	10.1#
122	36.1	11.0	16.6#



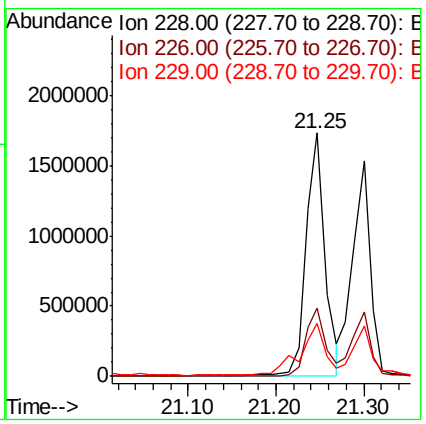


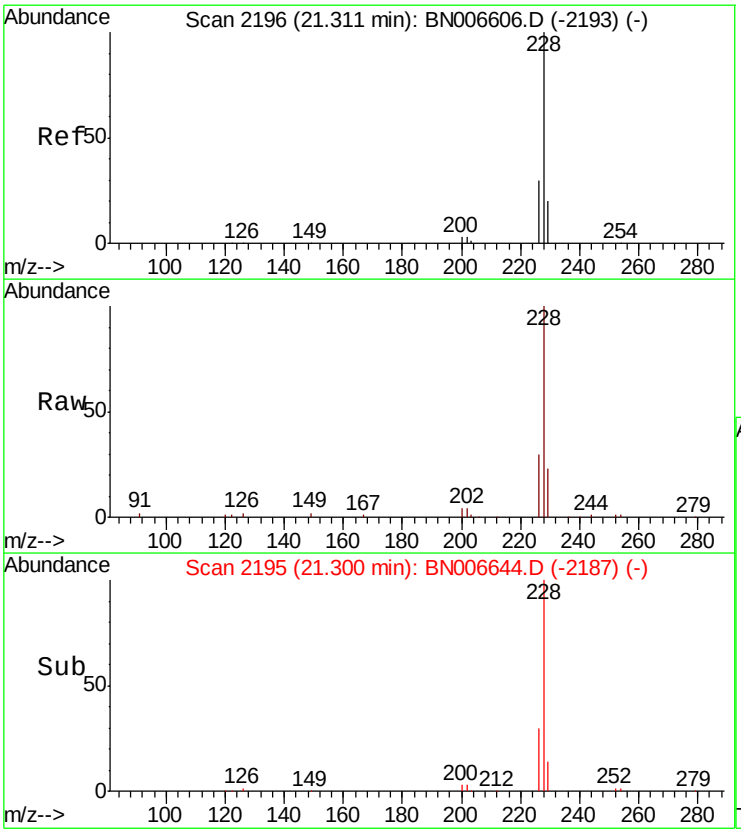
#30
Benzo(a)anthracene
Concen: 33.159 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:228 Resp: 2557917

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.2	31.8
229	21.6	16.1	24.1

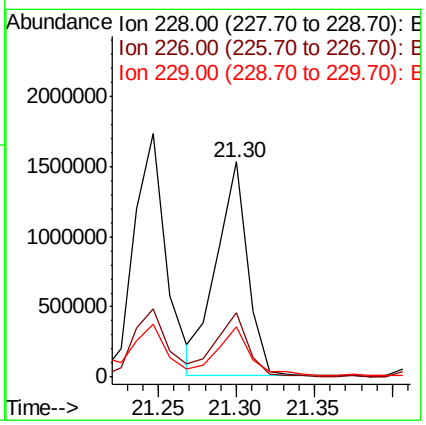


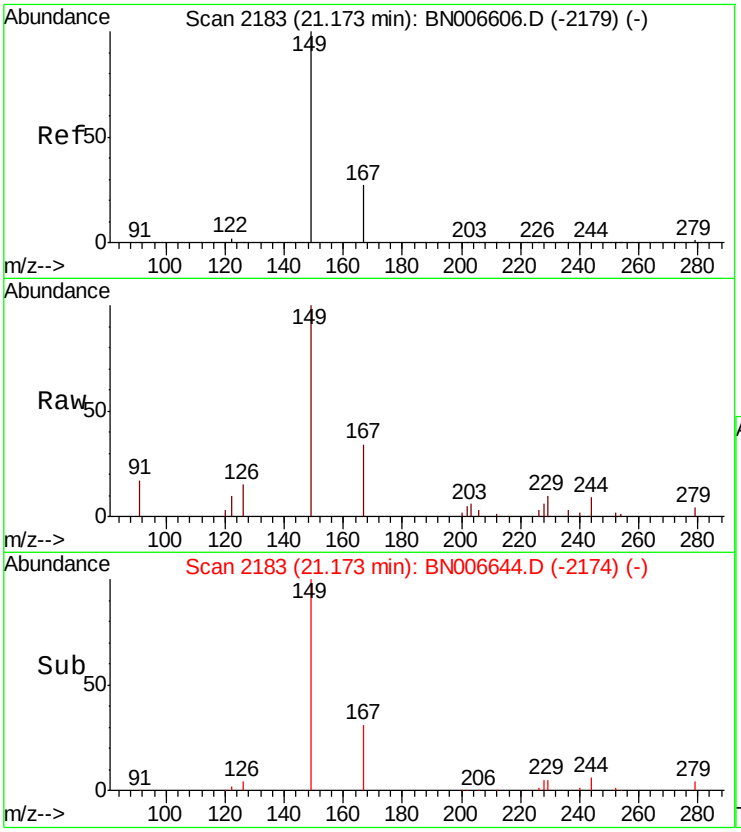


#31
Chrysene
Concen: 25.599 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:228 Resp: 2128823

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	23.4	15.9	23.9



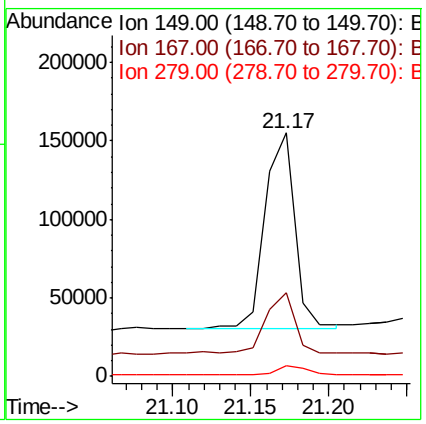


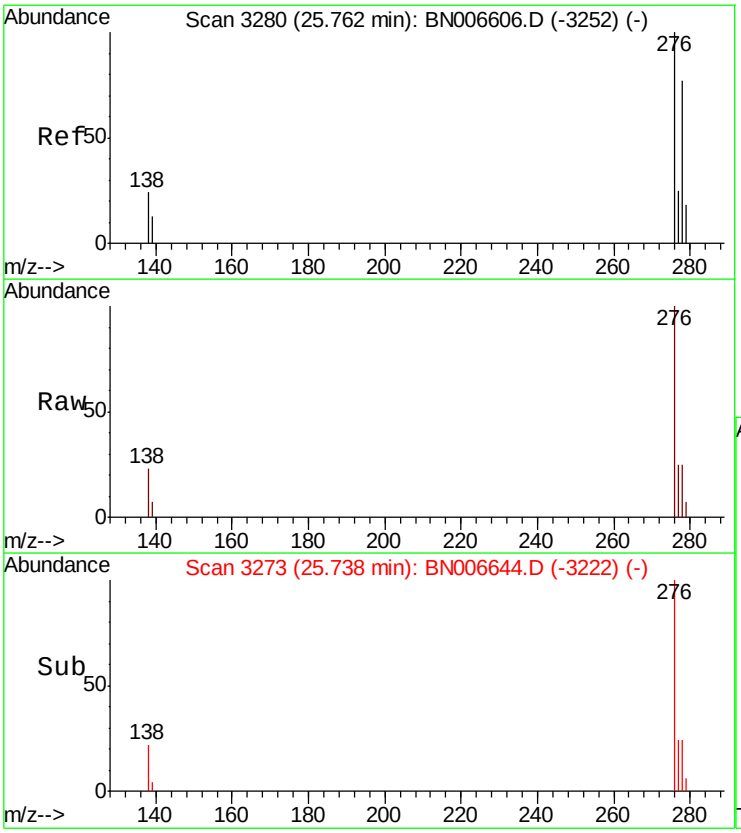
#32
Bis(2-ethylhexyl)phthalate
Concen: 4.228 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:149 Resp: 164143

Ion	Ratio	Lower	Upper
149	100		
167	34.0	22.9	34.3
279	4.4	3.3	4.9

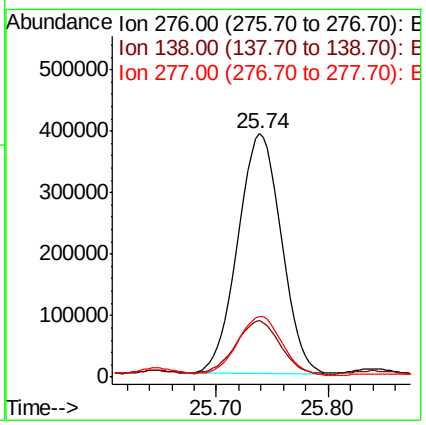


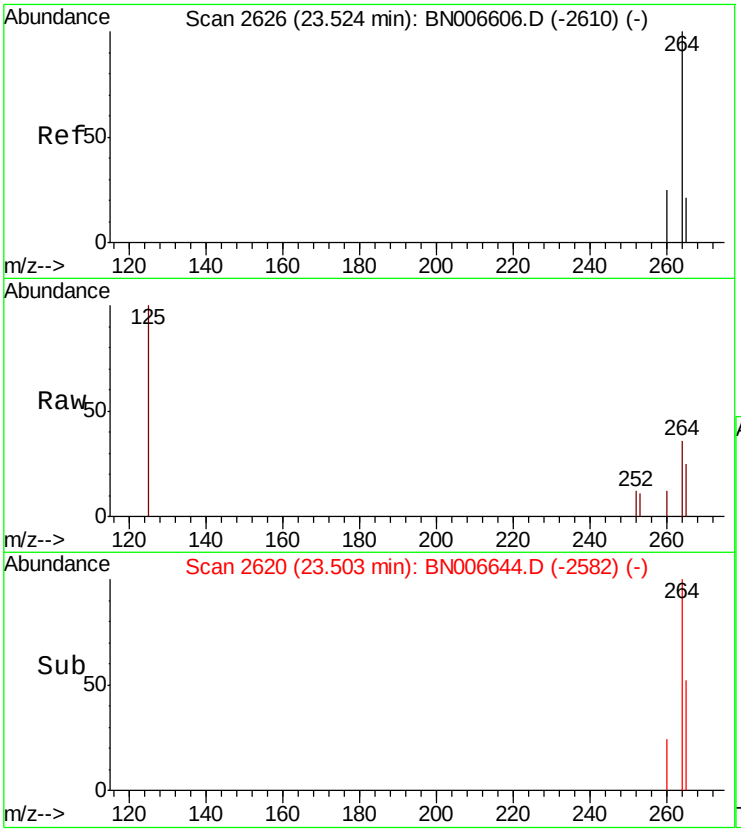


#33
Indeno(1,2,3-cd)pyrene
Concen: 12.578 ng
RT: 25.74 min Scan# 3273
Delta R.T. -0.02 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:276 Resp: 1058691

Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.3	28.9
277	24.9	19.9	29.9



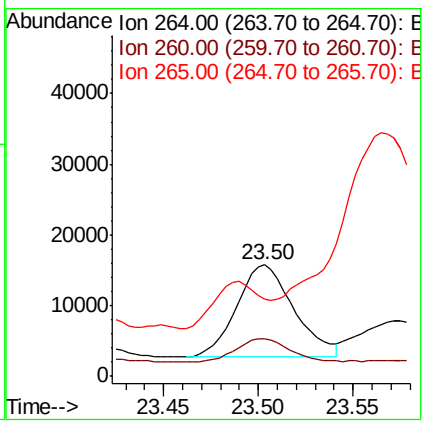


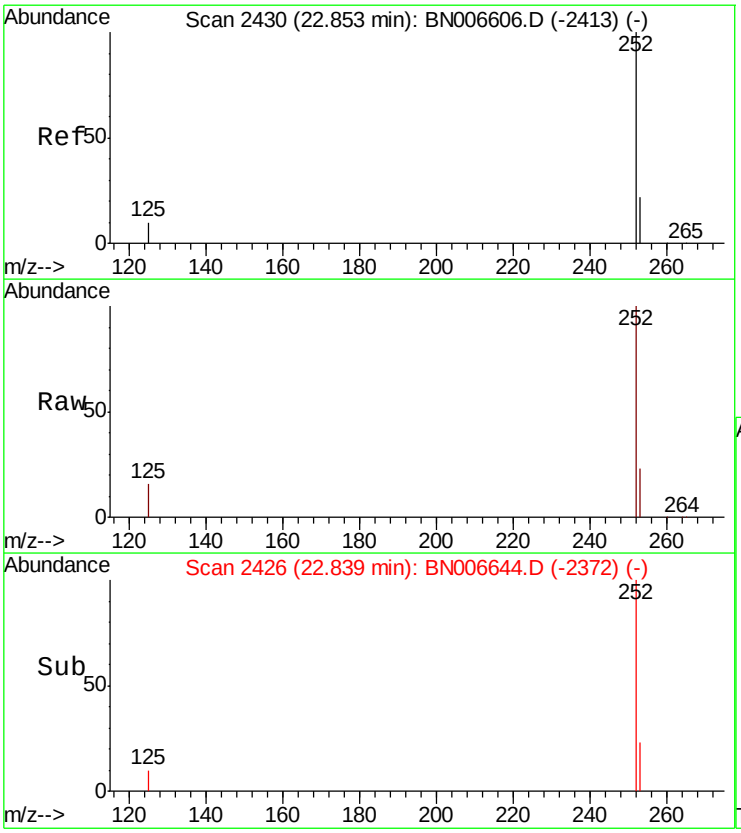
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:264 Resp: 27675

Ion	Ratio	Lower	Upper
264	100		
260	34.2	20.2	30.2#
265	69.7	23.3	34.9#

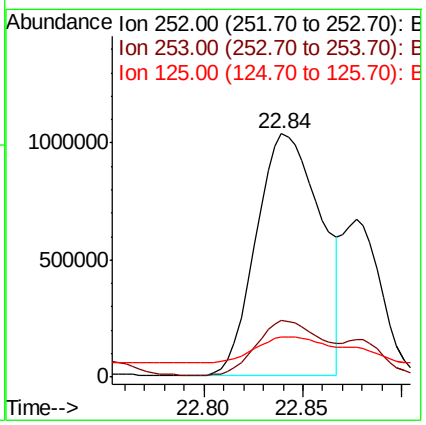


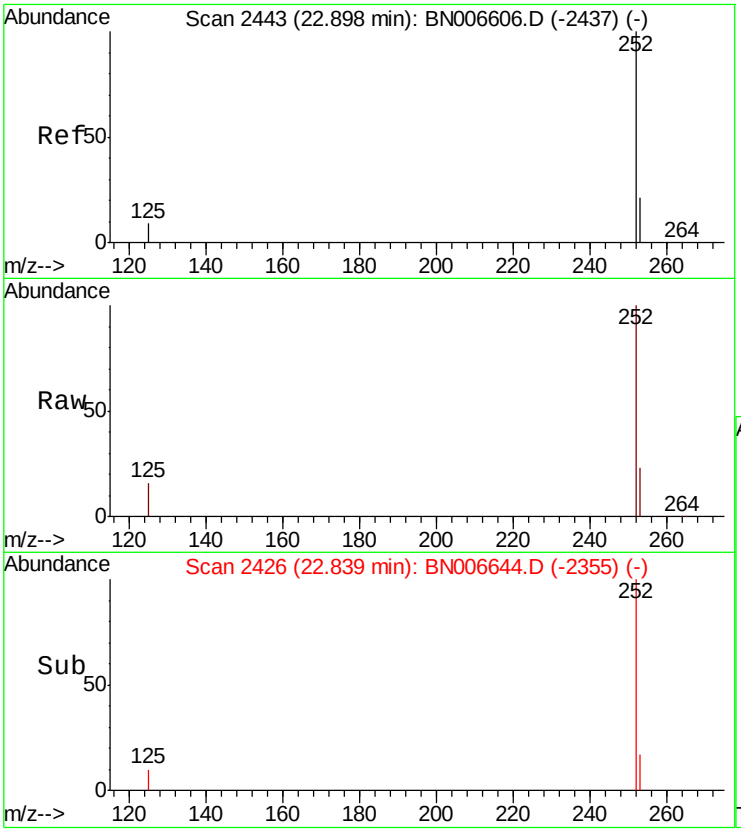


#35
Benzo(b)fluoranthene
Concen: 24.972 ng
RT: 22.84 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:252 Resp: 2350857

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	16.3	8.7	13.1#



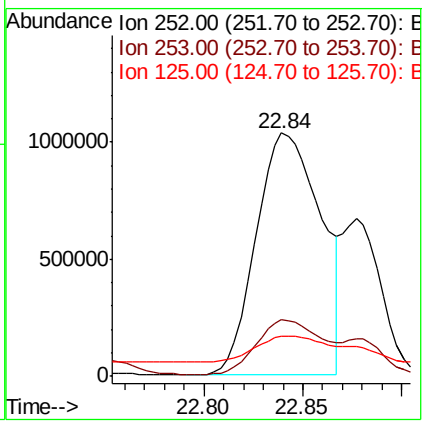


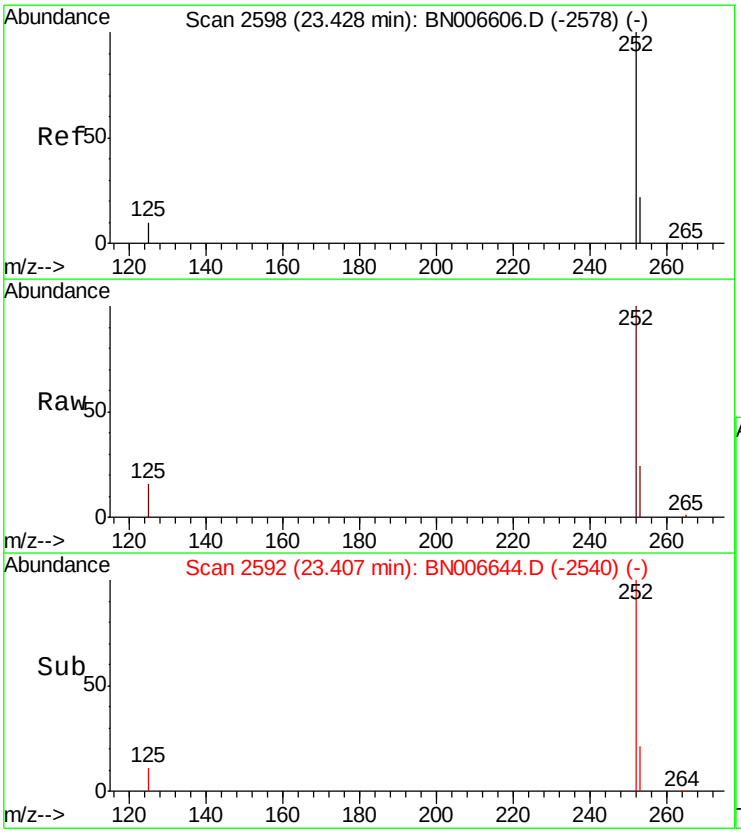
#36
Benzo(k)fluoranthene
Concen: 23.426 ng
RT: 22.84 min Scan# 2426
Delta R.T. -0.06 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:252 Resp: 2350857

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	16.3	8.4	12.6#

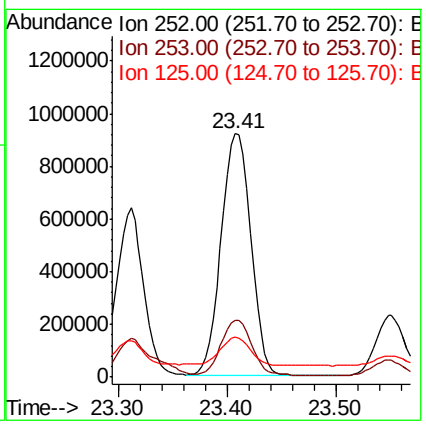


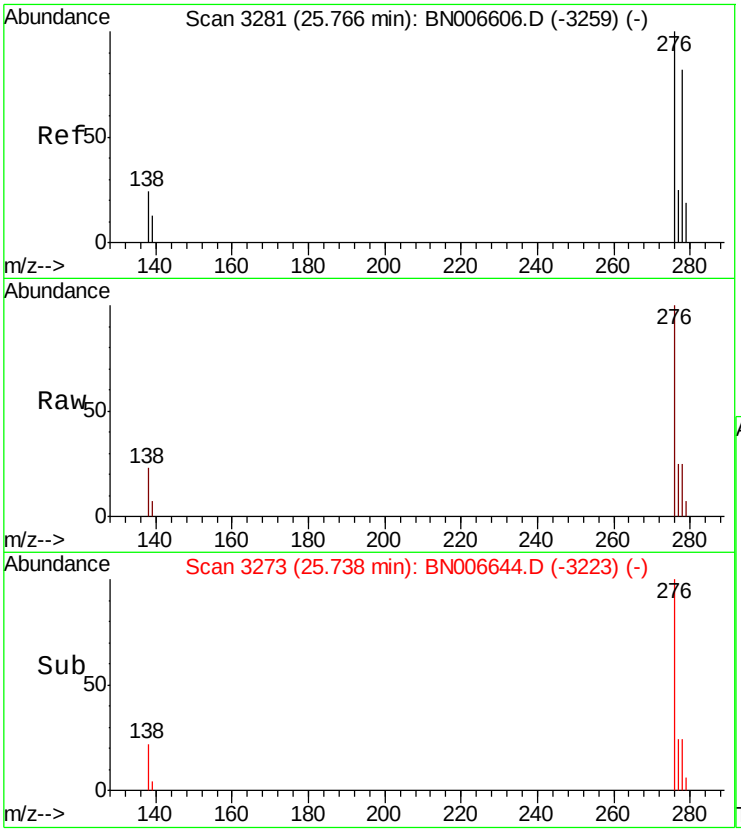


#37
Benzo(a)pyrene
Concen: 19.811 ng
RT: 23.41 min Scan# 2592
Delta R.T. -0.02 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:252 Resp: 1743494

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	16.2	9.4	14.2#



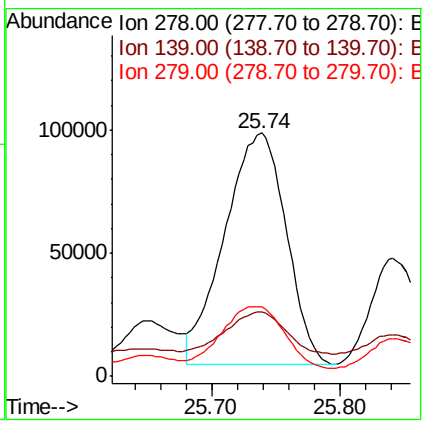


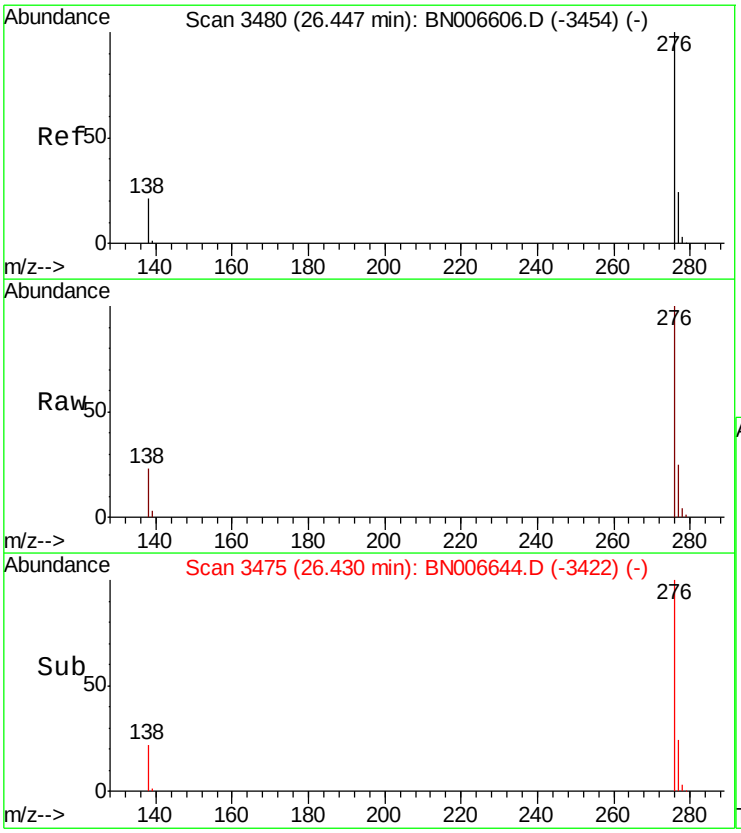
#38
Dibenzo(a,h)anthracene
Concen: 4.058 ng
RT: 25.74 min Scan# 3273
Delta R.T. -0.03 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Instrument :
BNA_N
ClientSampleId :
PST-008-B253-061819

Tgt Ion:278 Resp: 311984

Ion	Ratio	Lower	Upper
278	100		
139	26.2	13.5	20.3#
279	28.3	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 12.427 ng
RT: 26.43 min Scan# 3475
Delta R.T. -0.02 min
Lab File: BN006644.D
Acq: 29 Jun 2019 09:41

Tgt Ion:276 Resp: 953719

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	23.0	17.7	26.5