Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006646.D
Acq On : 29 Jun 2019 10:50
Operator : HP/JU
Sample : K3446-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-008-B252-061819

Quant Time: Jul 01 08:15:58 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	5272	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	22662	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	13050	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	29079	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	22865	0.40	ng		-0.01
34) Perylene-d12	23.50	264	21372	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	4511	0.35	ng		0.00
5) Phenol-d6	6.81	99	6755	0.39	ng		-0.02
8) Nitrobenzene-d5	8.78	82	5726	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.99	152	12466	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	2189	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	15436	0.32	ng		-0.01
25) Fluoranthene-d10	19.07	212	29010	0.34	ng		0.00
29) Terphenyl-d14	19.68	244	14489	0.30	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.44	128	6488	0.109	ng		95
12) 2-Methylnaphthalene	12.07	142	3113	0.076	ng		97
16) Acenaphthylene	13.99	152	27370	0.440	ng		99
17) Acenaphthene	14.33	154	6271	0.153	ng		100
18) Fluorene	15.32	166	9763	0.189	ng	#	94
22) Pentachlorophenol	16.71	266	40	0.200	ng	#	78
23) Phenanthrene	17.07	178	248923	3.011	ng		100
24) Anthracene	17.16	178	51278	0.715	ng	#	93
26) Fluoranthene	19.10	202	500916	4.985	ng		99
28) Pyrene	19.47	202	437751	5.471	ng		96
30) Benzo(a)anthracene	21.24	228	235479	3.150	ng		97
31) Chrysene	21.29	228	191857	2.381	ng		96
32) Bis(2-ethylhexyl)phthalate	21.16	149	93205	2.477	ng		100
33) Indeno(1,2,3-cd)pyrene	25.73	276	98652	1.209	ng		97
35) Benzo(b)fluoranthene	22.84	252	235369	3.238	ng		98
36) Benzo(k)fluoranthene	22.84	252	235369	3.037	ng	#	97
37) Benzo(a)pyrene	23.40	252	156851	2.308	ng		98
38) Dibenzo(a,h)anthracene	25.73	278	27638	0.465	ng	#	79
39) Benzo(g,h,i)perylene	26.42	276	91138	1.538	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
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PST-008-B252-061819

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
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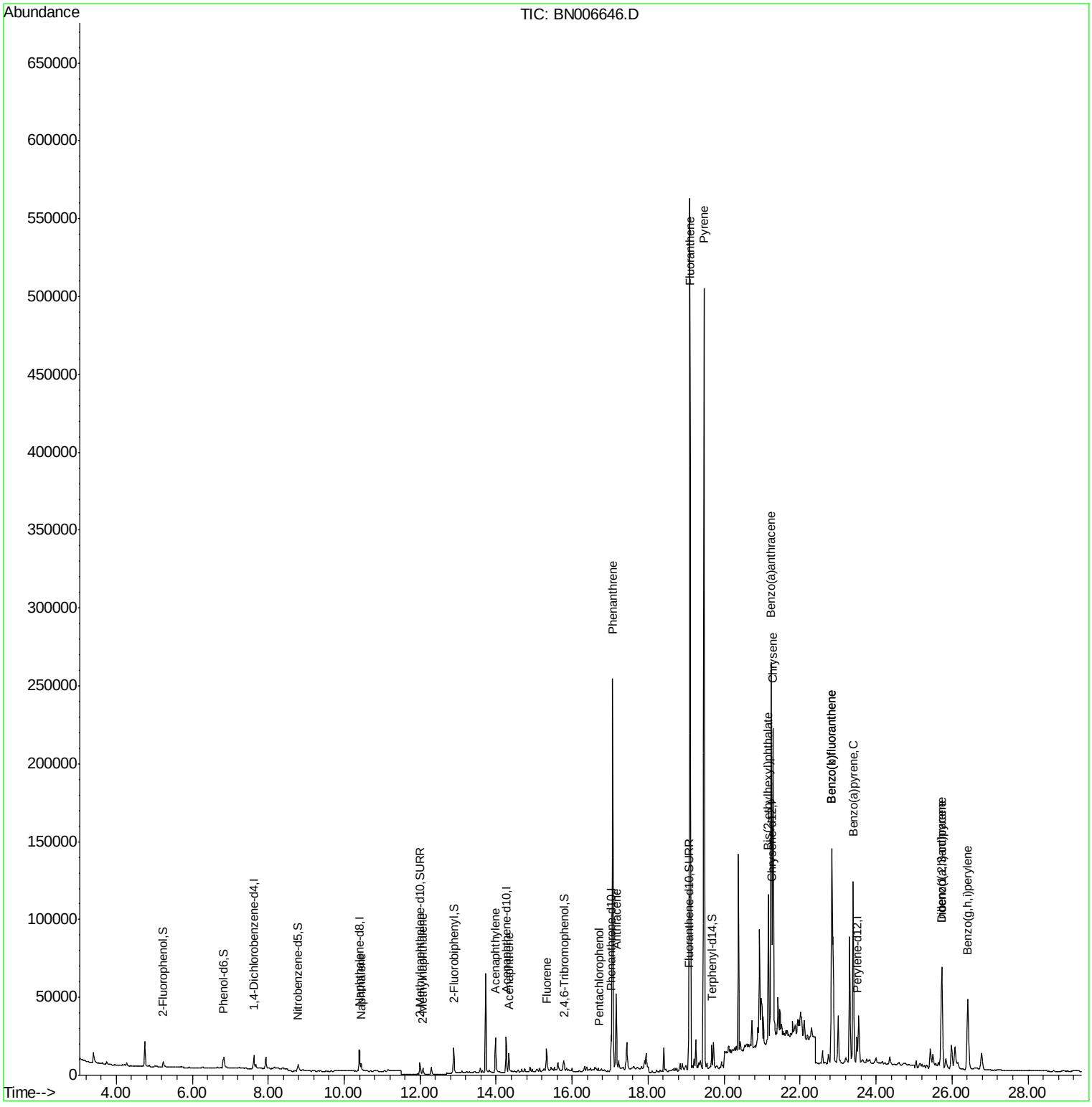
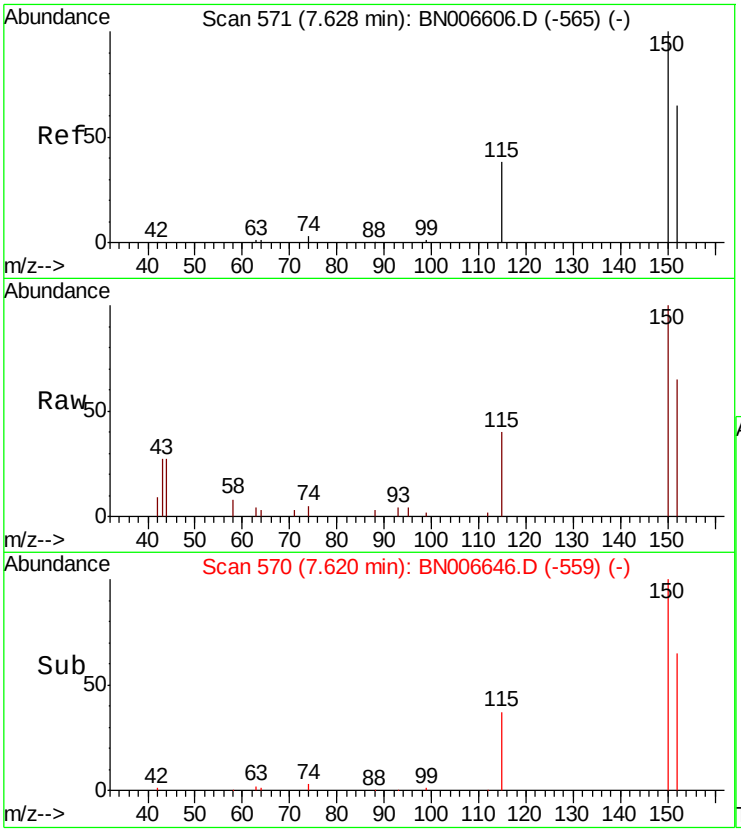


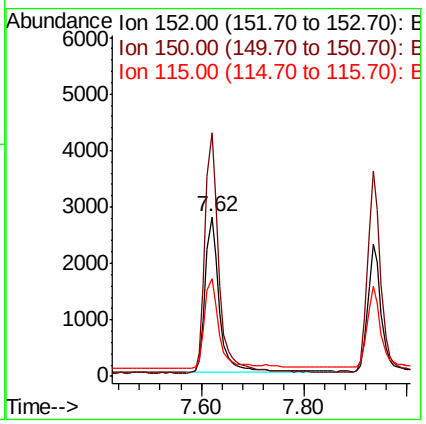


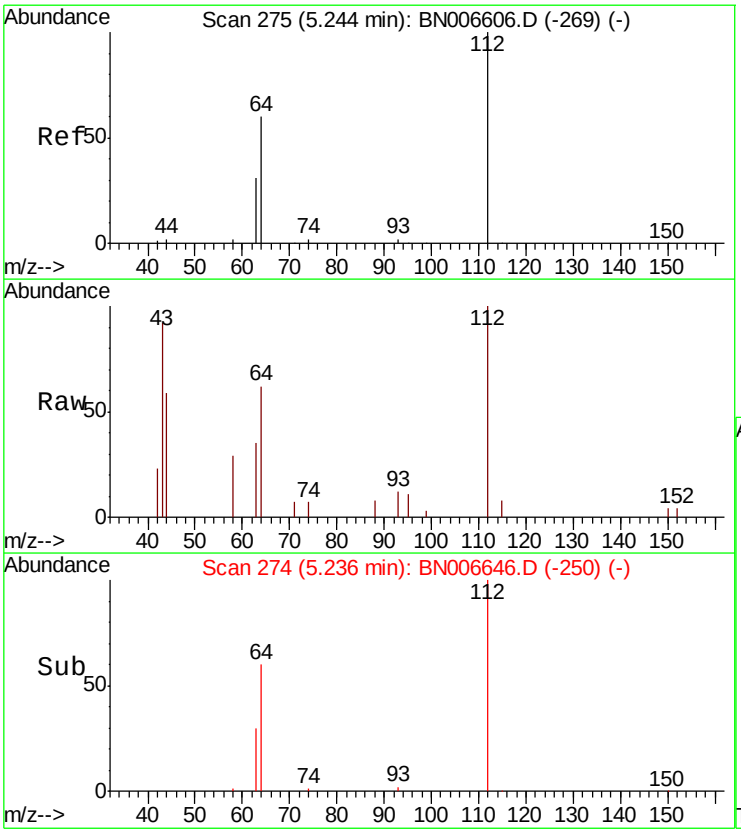
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:152 Resp: 5272

Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.2	183.2
115	61.5	50.0	75.0

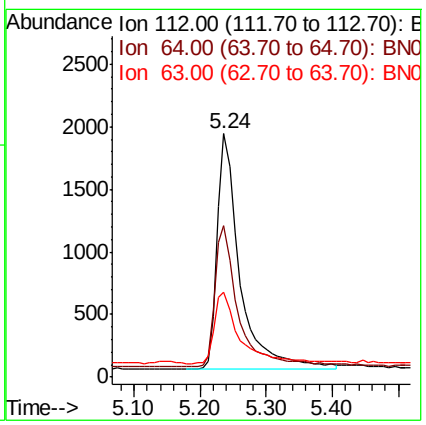


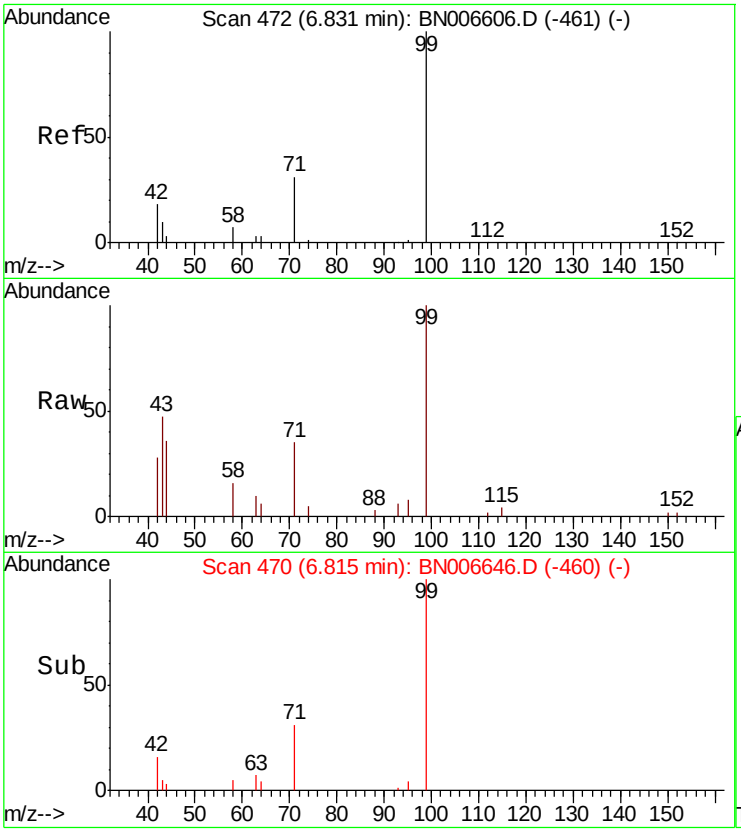


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:112 Resp: 4511

Ion	Ratio	Lower	Upper
112	100		
64	61.3	48.9	73.3
63	33.1	24.3	36.5



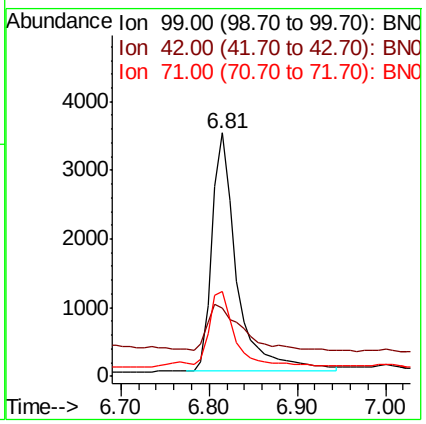


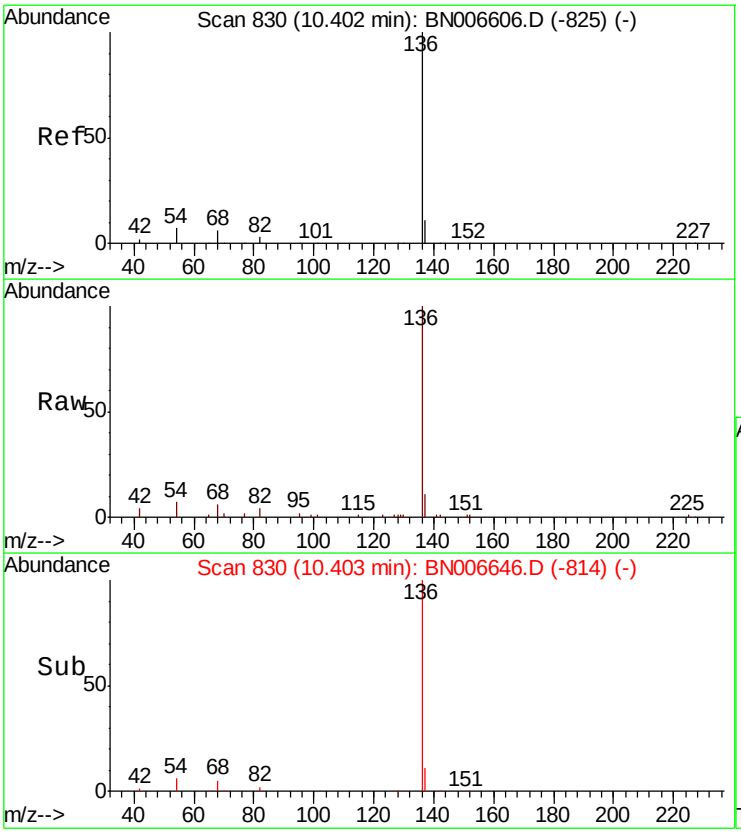
#5
Phenol-d6
Concen: 0.395 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion: 99 Resp: 6755

Ion	Ratio	Lower	Upper
99	100		
42	28.2	16.4	24.6#
71	32.4	26.6	40.0

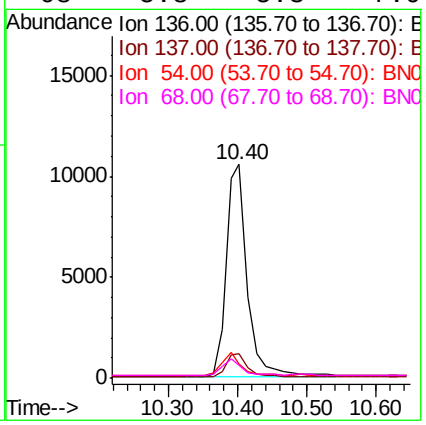


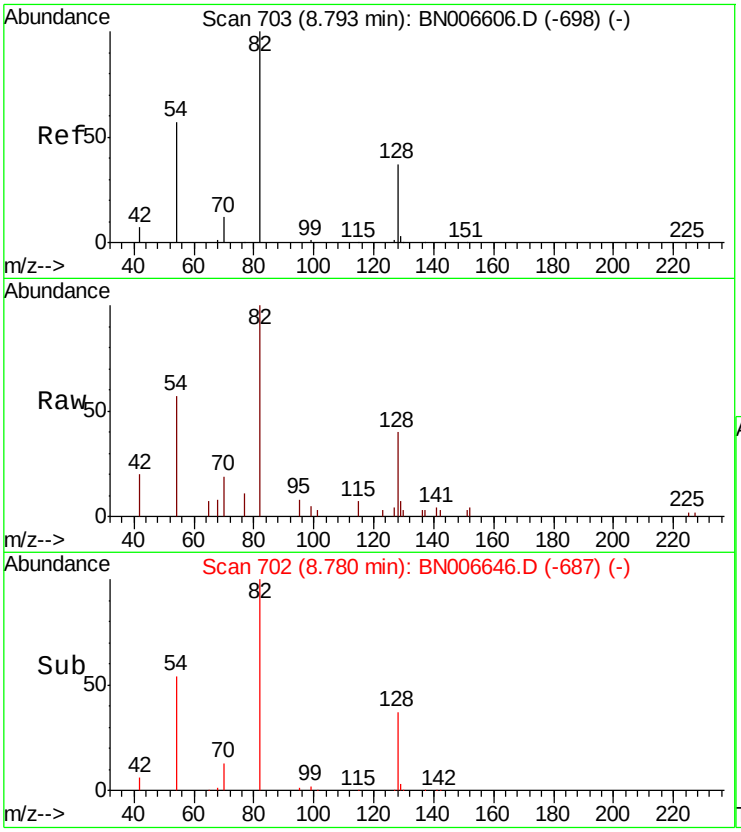


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:136 Resp: 22662

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.9	6.7	10.1
68	5.8	5.3	7.9



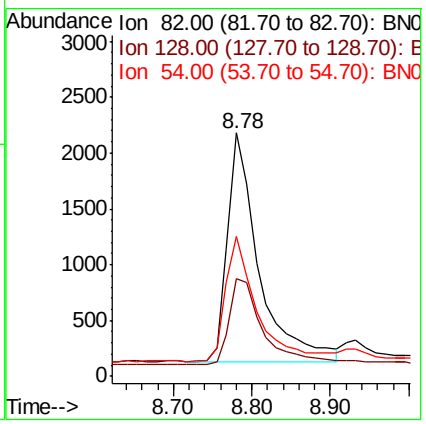


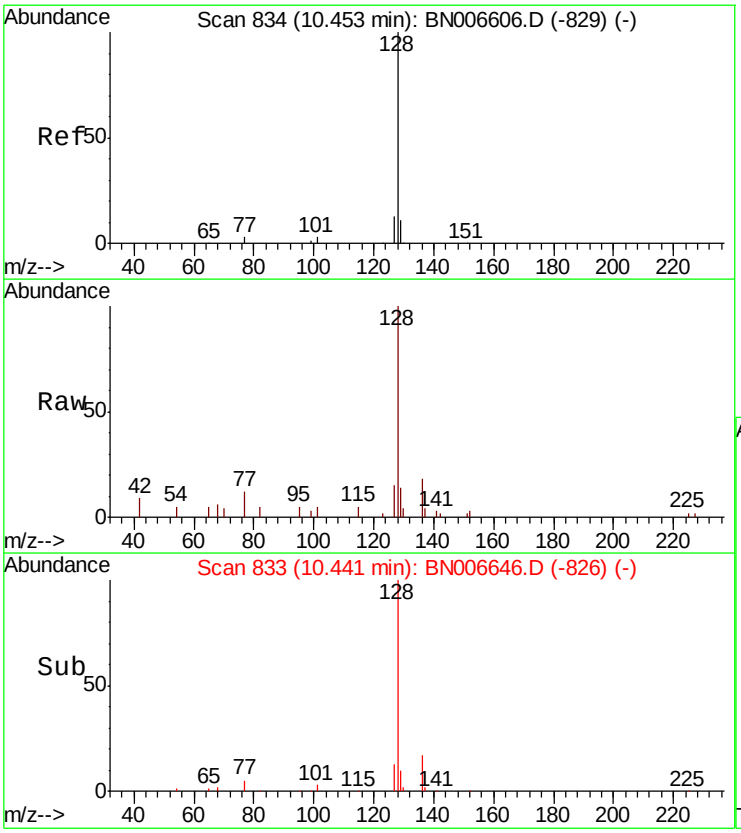
#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 8.78 min Scan# 702
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion: 82 Resp: 5726

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.6	49.0
54	57.4	48.2	72.4

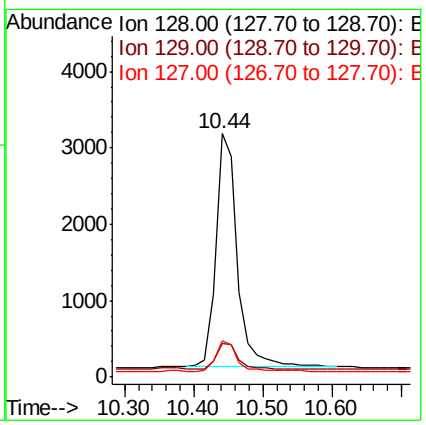


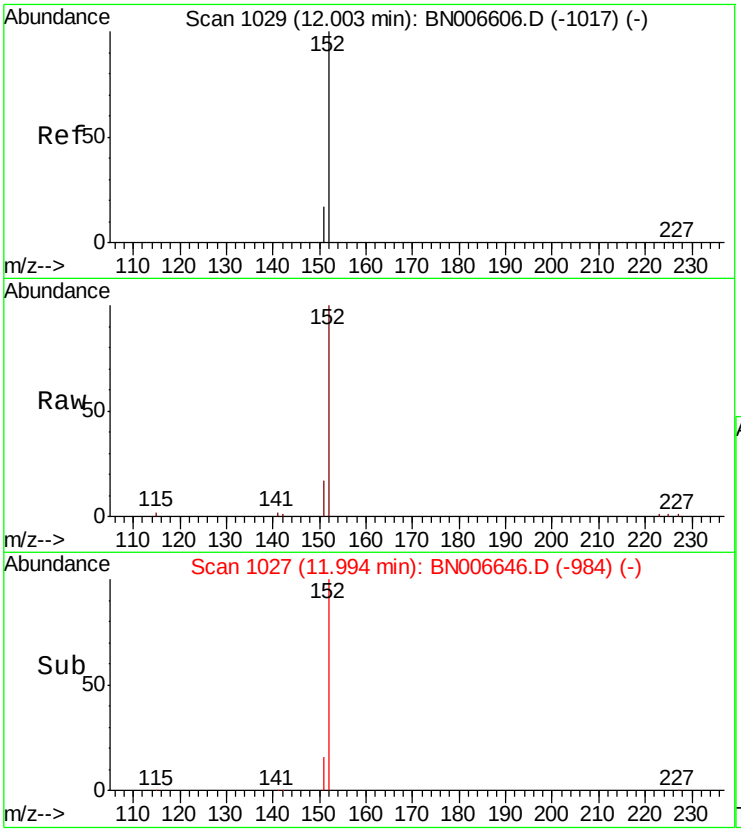


#9
Naphthalene
Concen: 0.109 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:128 Resp: 6488

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.3	13.9
127	15.1	10.8	16.2



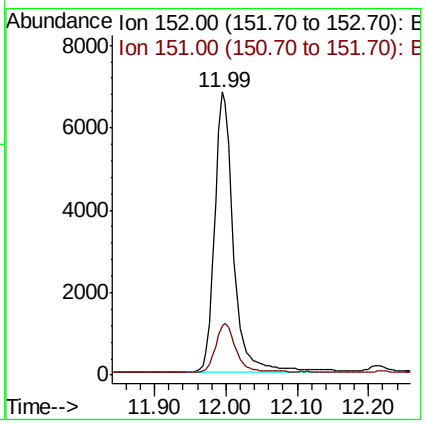


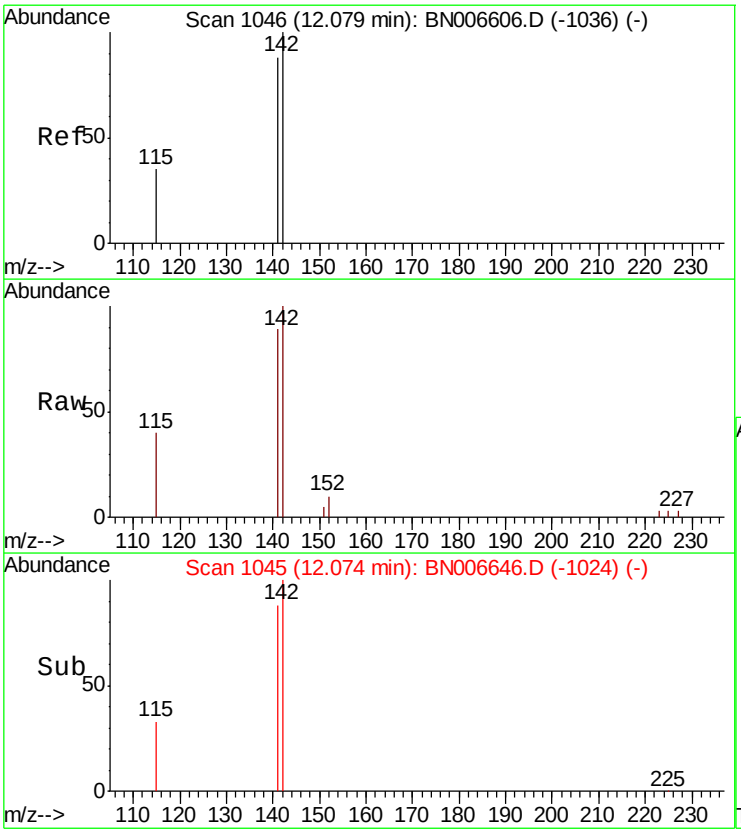
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 11.99 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:152 Resp: 12466

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.4

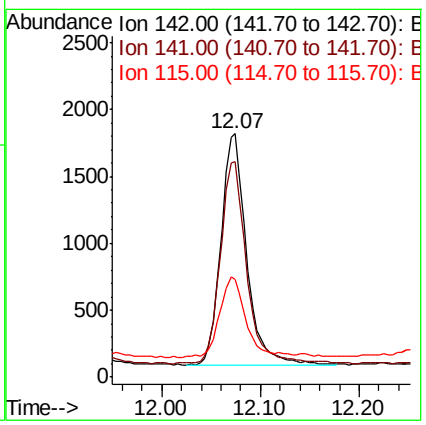


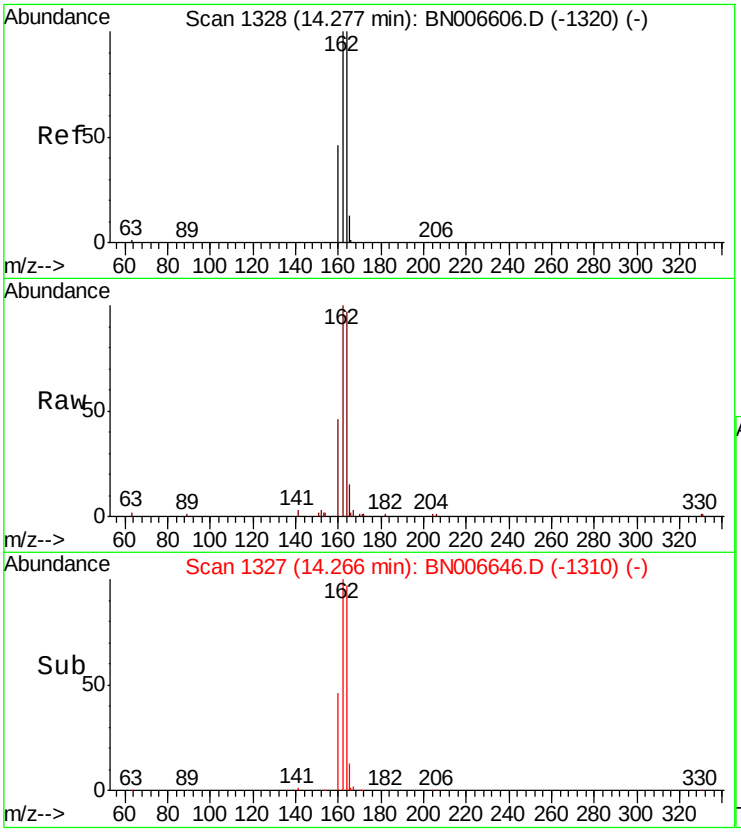


#12
2-Methylnaphthalene
Concen: 0.076 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:142 Resp: 3113

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4
115	39.9	28.5	42.7



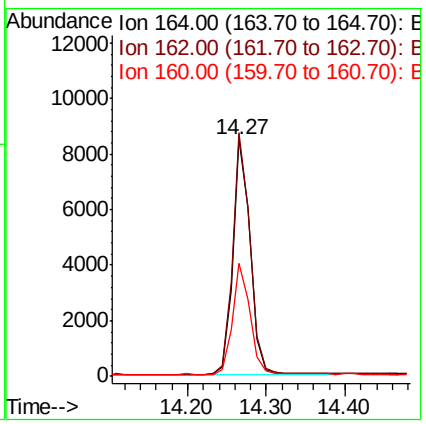


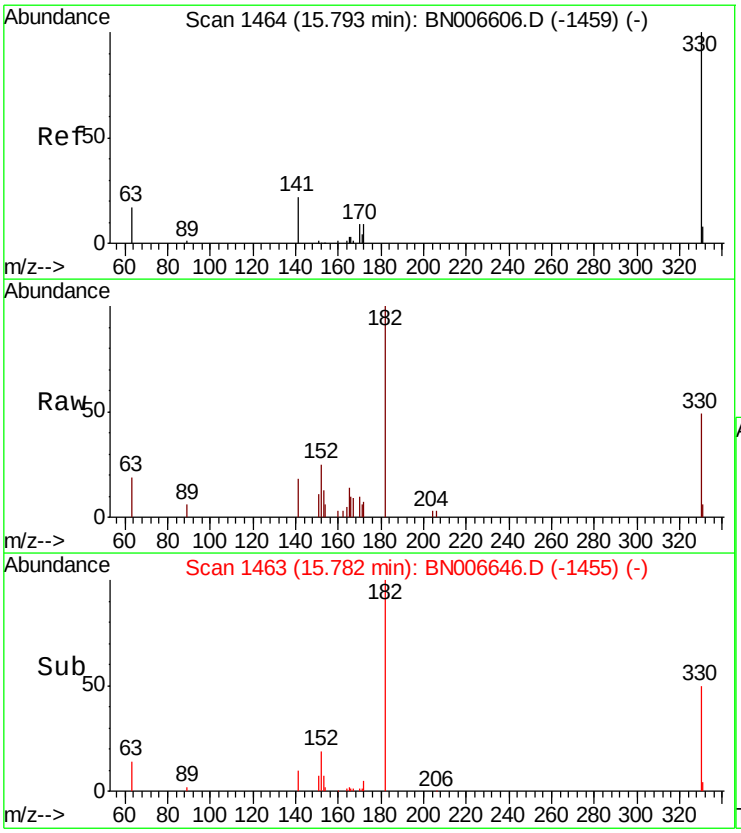
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:164 Resp: 13050

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.0	120.0
160	47.5	37.0	55.4

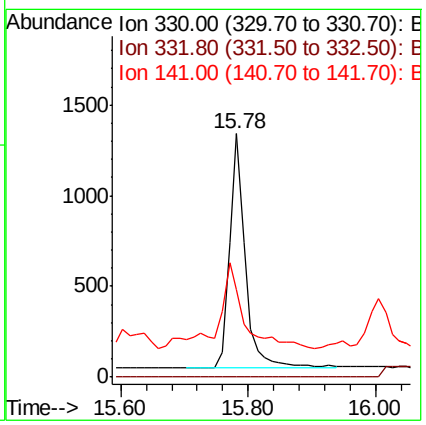


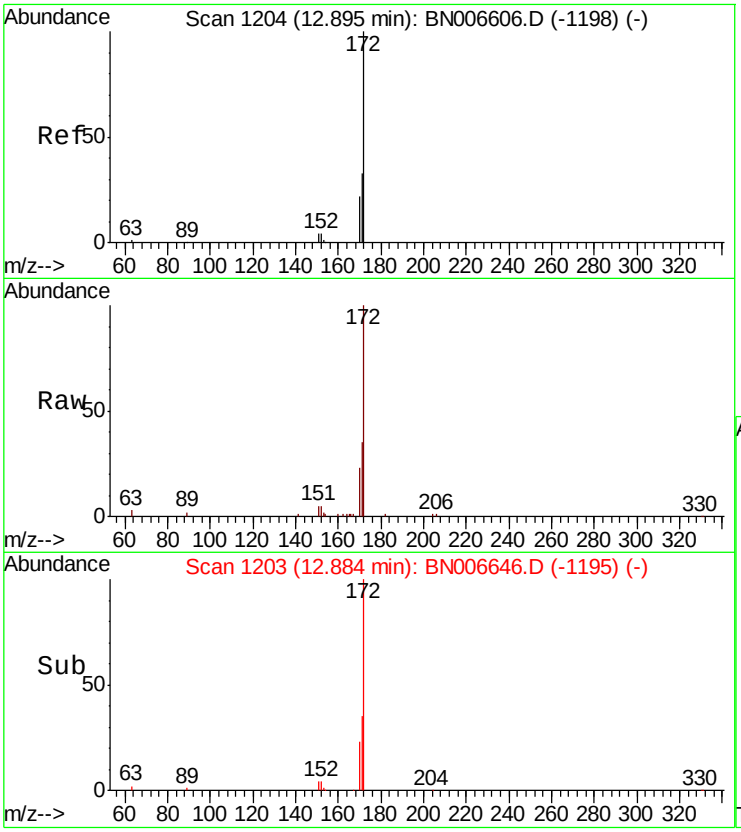


#14
2,4,6-Tribromophenol
Concen: 0.356 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:330 Resp: 2189

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.8	26.5	39.7#



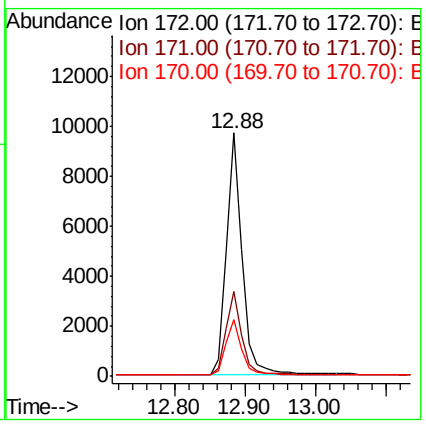


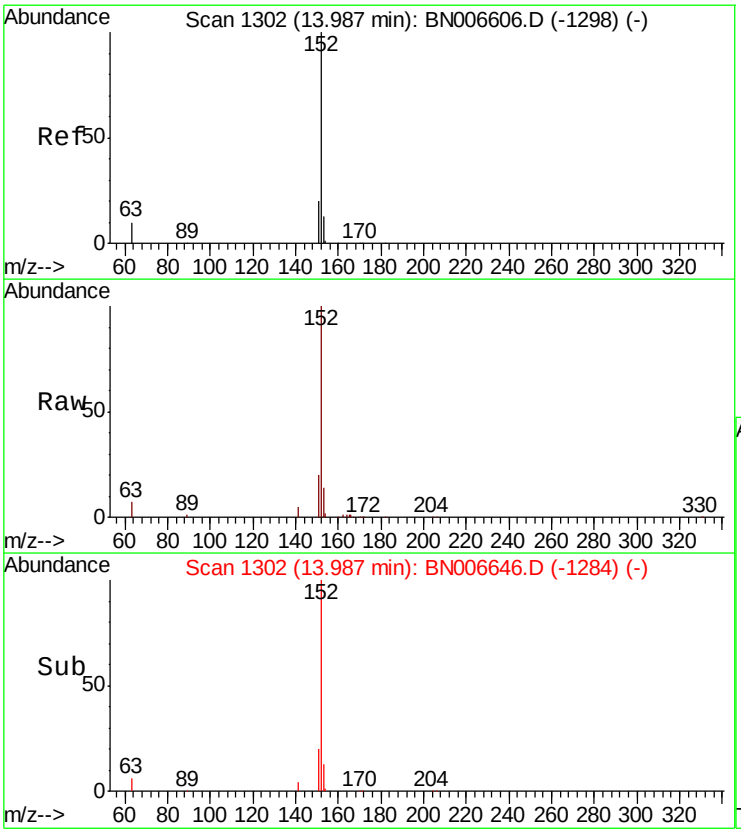
#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:172 Resp: 15436

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.0	40.4
170	23.3	17.7	26.5

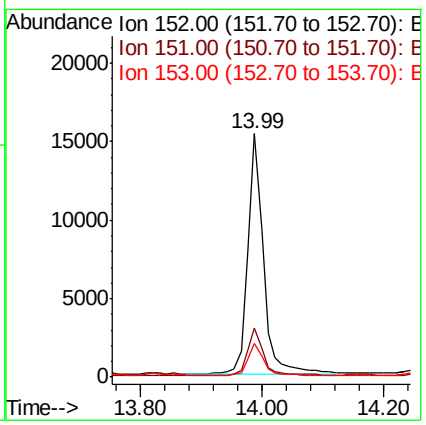


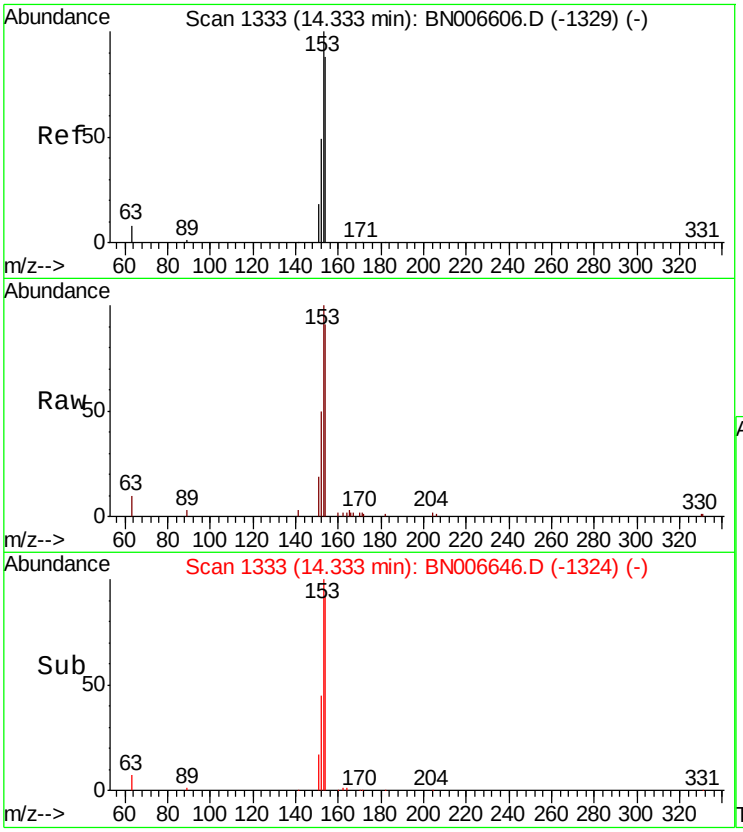


#16
Acenaphthylene
Concen: 0.440 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:152 Resp: 27370

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	12.9	10.5	15.7



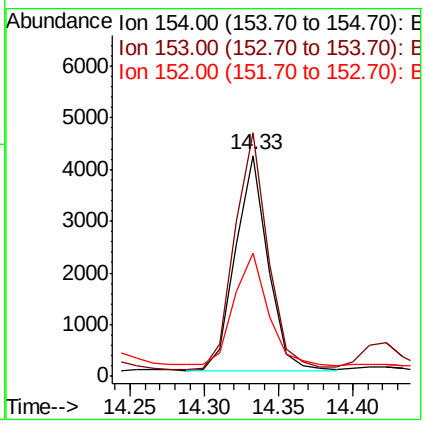


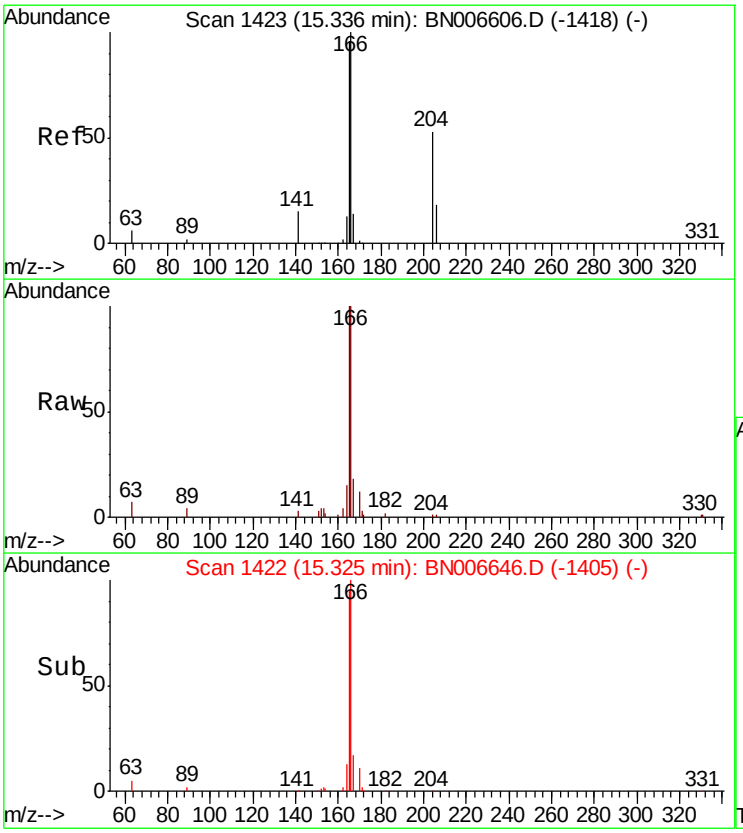
#17
Acenaphthene
Concen: 0.153 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:154 Resp: 6271

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.2	135.4
152	54.9	44.2	66.4

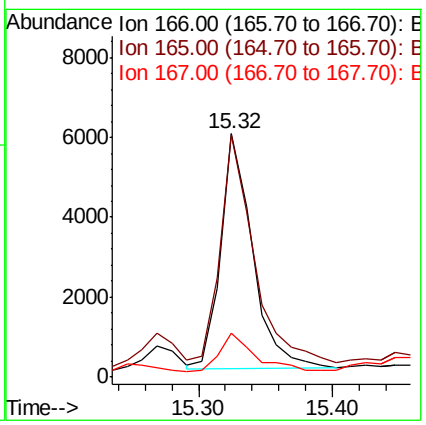


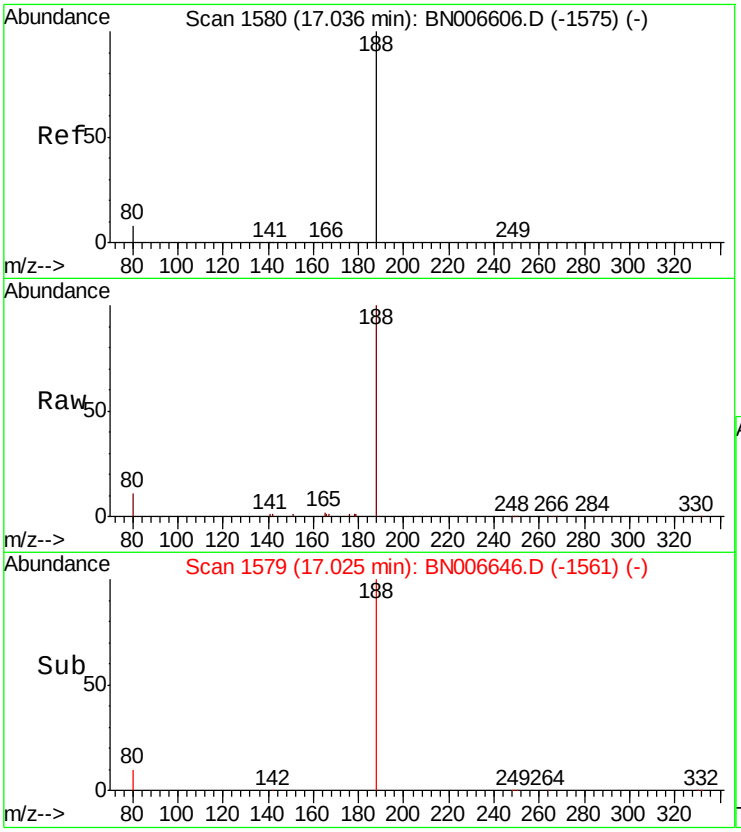


#18
Fluorene
Concen: 0.189 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:166 Resp: 9763

Ion	Ratio	Lower	Upper
166	100		
165	103.0	78.4	117.6
167	18.3	10.8	16.2#



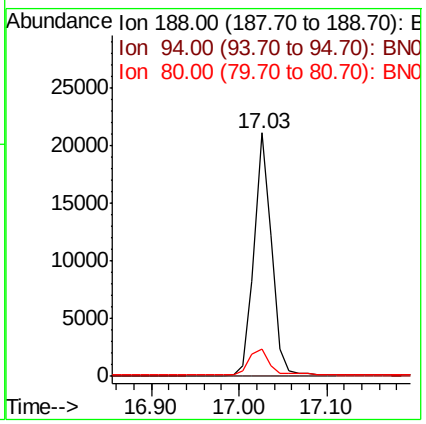


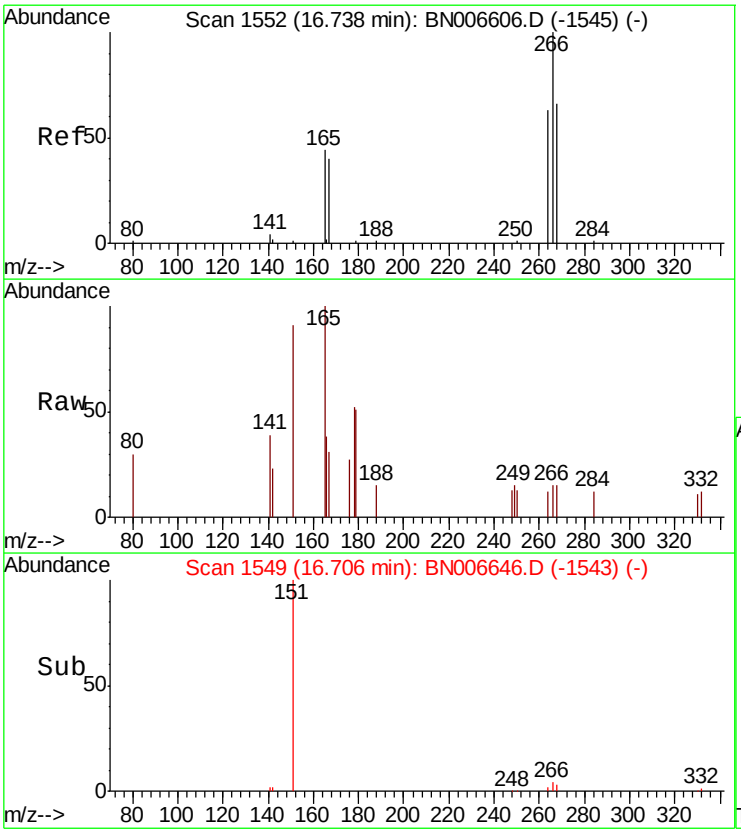
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:188 Resp: 29079

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	7.1	10.7#

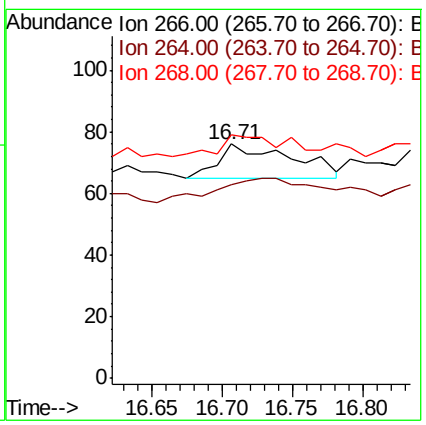


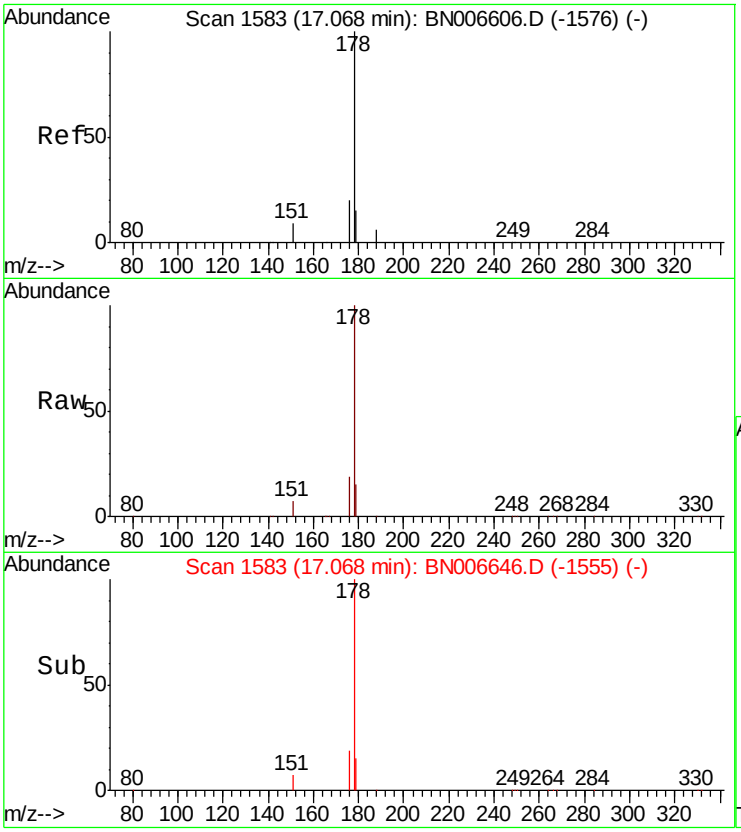


#22
Pentachlorophenol
Concen: 0.200 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.03 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:266 Resp: 40

Ion	Ratio	Lower	Upper
266	100		
264	82.9	56.2	84.4
268	103.9	63.0	94.4#



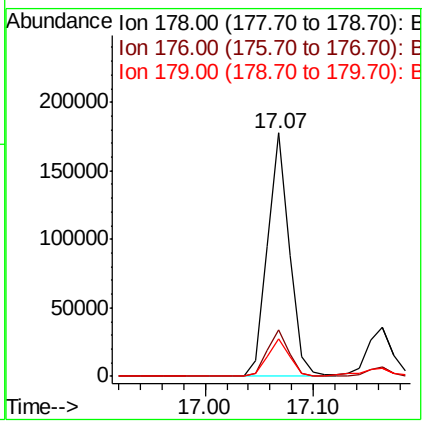


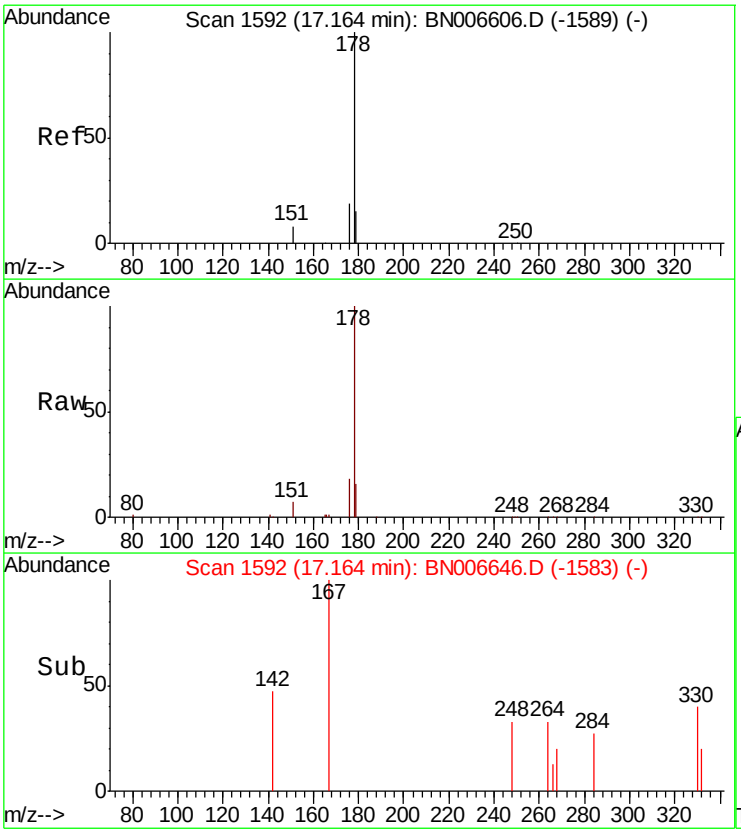
#23
Phenanthrene
Concen: 3.011 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:178 Resp: 248923

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.2	18.4

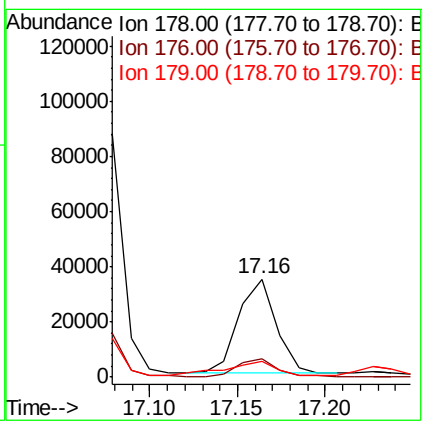


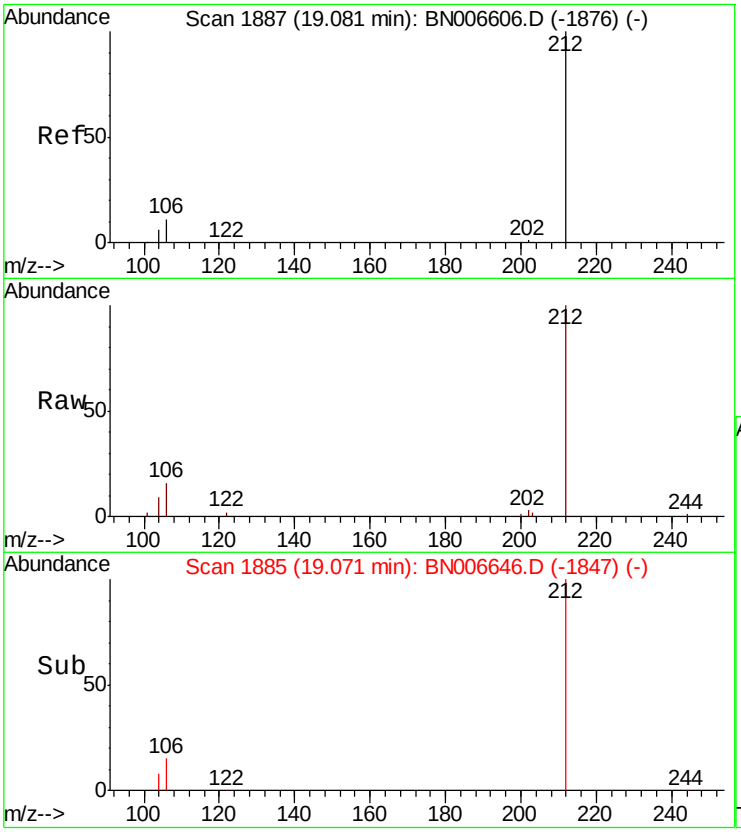


#24
Anthracene
Concen: 0.715 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:178 Resp: 51278

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	20.2	12.2	18.2#



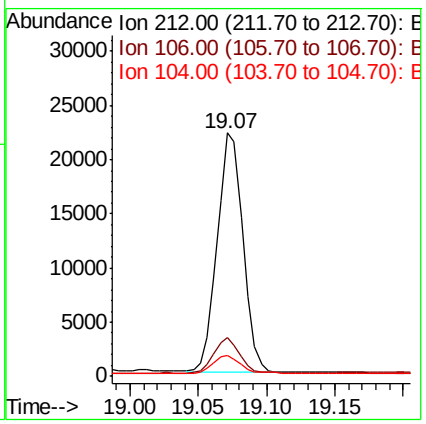


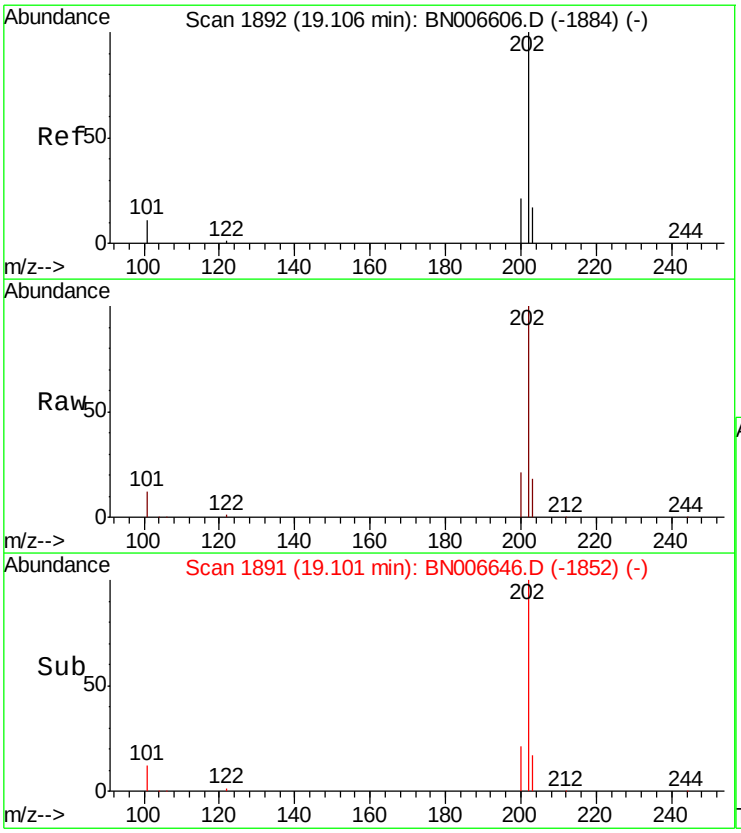
#25
Fluoranthene-d10
Concen: 0.340 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:212 Resp: 29010

Ion	Ratio	Lower	Upper
212	100		
106	14.3	10.6	15.8
104	8.0	5.8	8.6

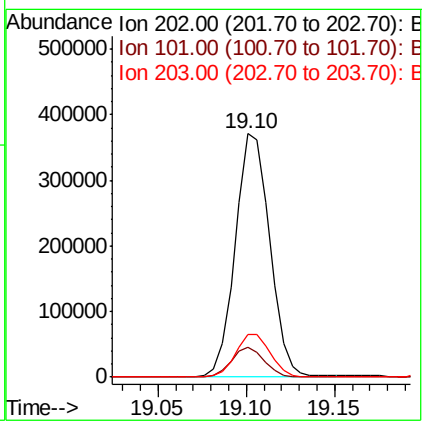


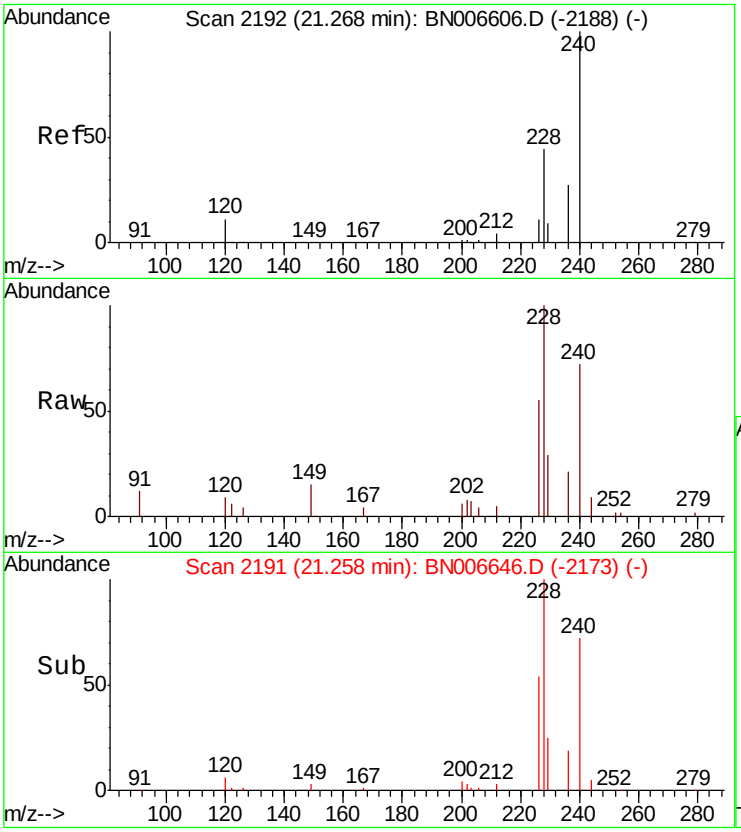


#26
Fluoranthene
Concen: 4.985 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:202 Resp: 500916

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
203	17.6	13.6	20.4



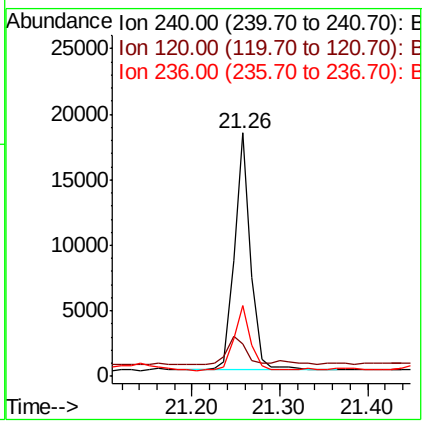


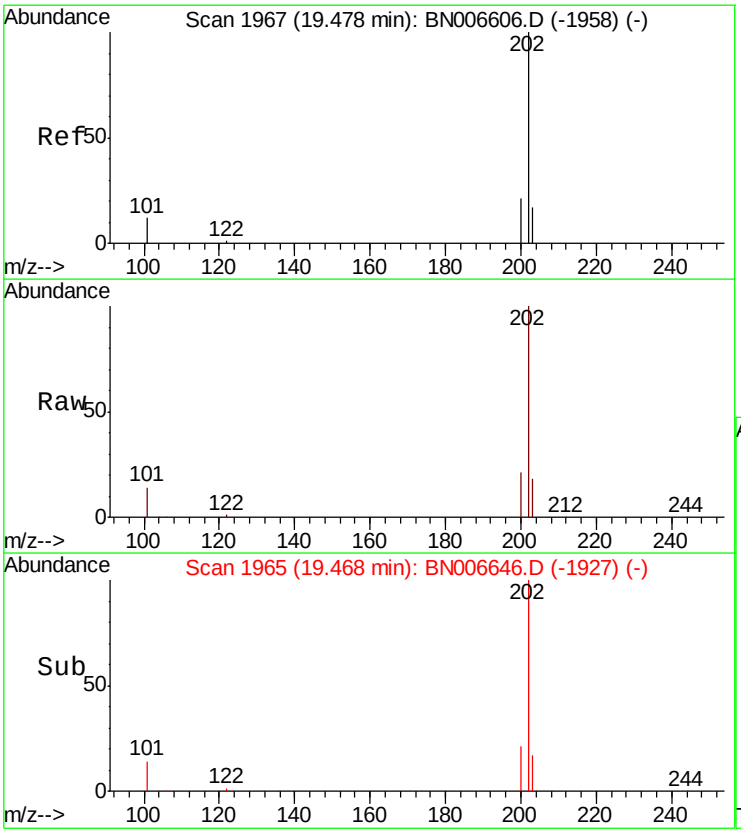
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:240 Resp: 22865

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.9	14.9
236	29.2	22.2	33.4

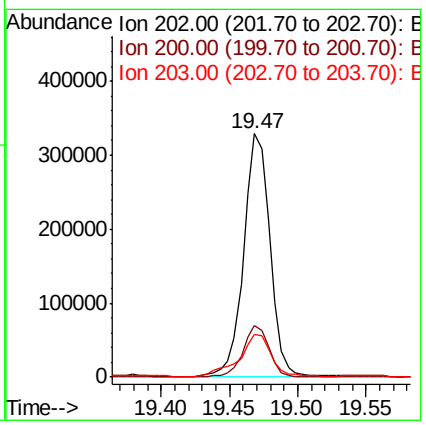


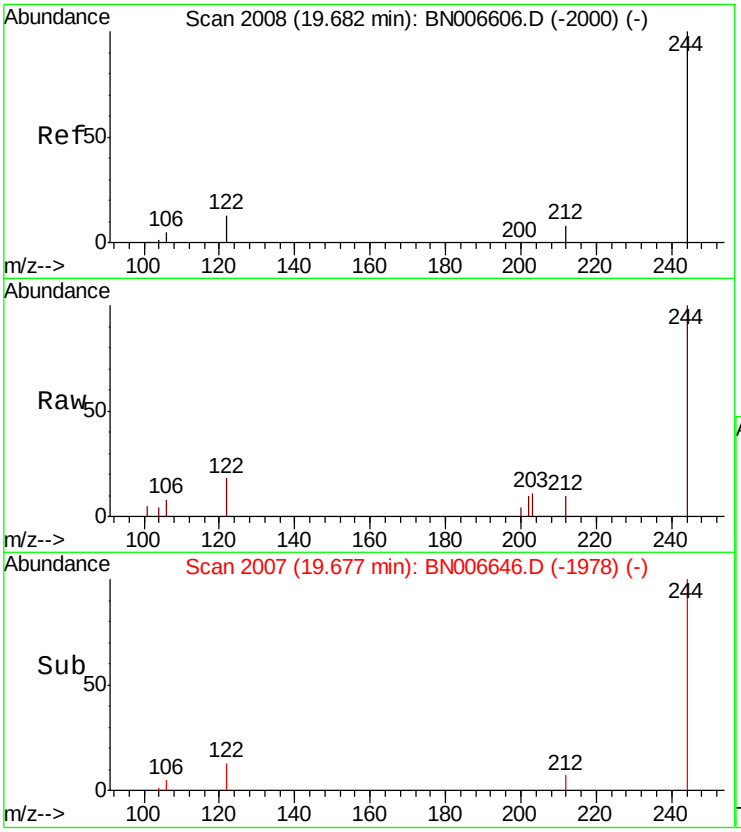


#28
Pyrene
Concen: 5.471 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:202 Resp: 437751

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	21.1	14.1	21.1



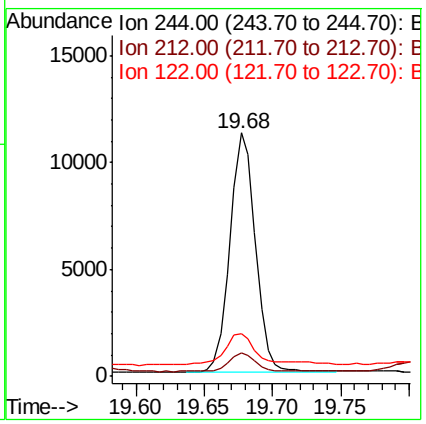


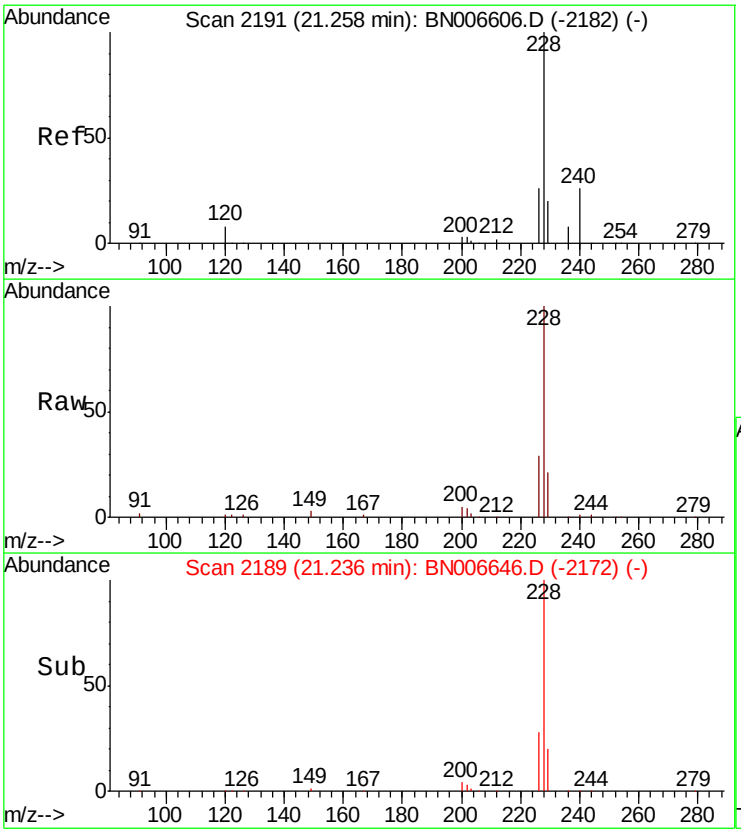
#29
Terphenyl-d14
Concen: 0.303 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:244 Resp: 14489

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.7	10.1
122	17.6	11.0	16.6#

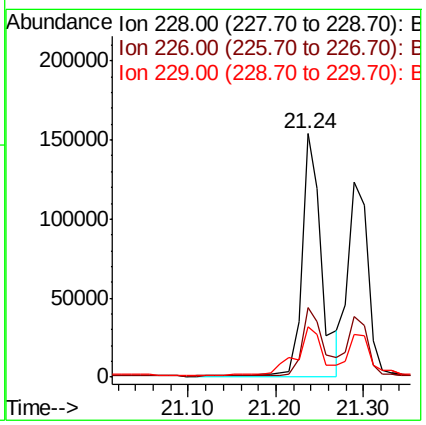


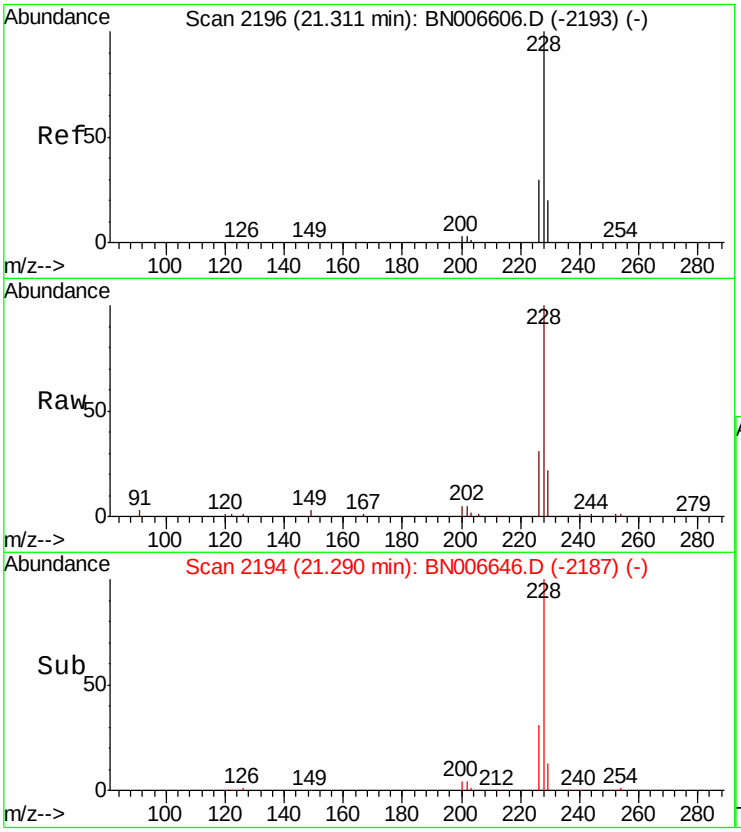


#30
Benzo(a)anthracene
Concen: 3.150 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:228 Resp: 235479

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.2	31.8
229	20.7	16.1	24.1



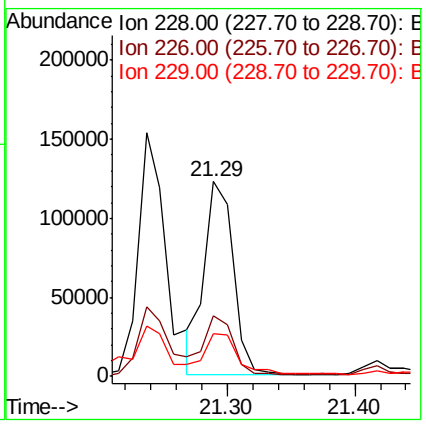


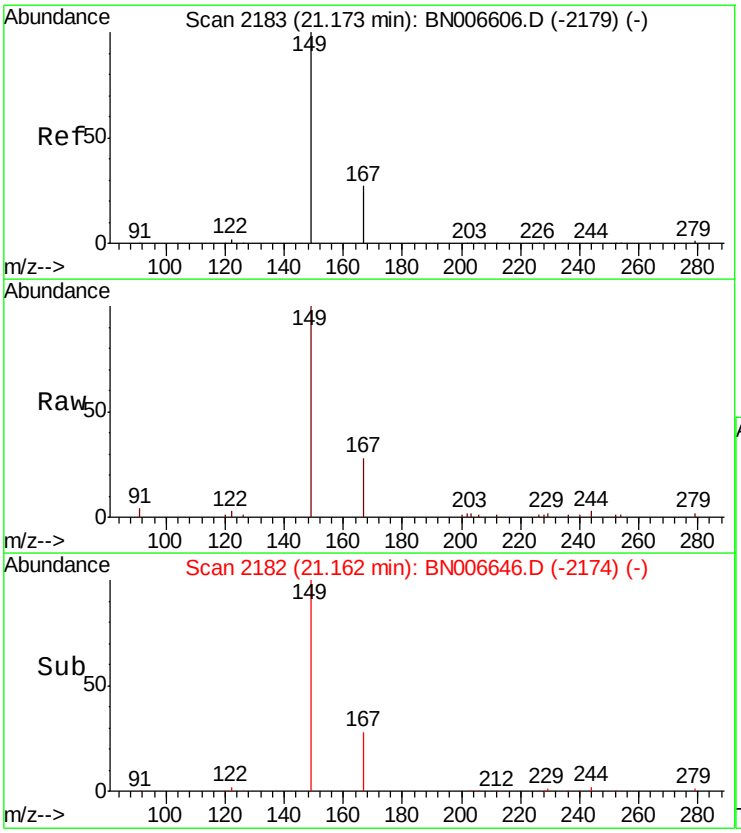
#31
Chrysene
Concen: 2.381 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:228 Resp: 191857

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.6
229	22.0	15.9	23.9

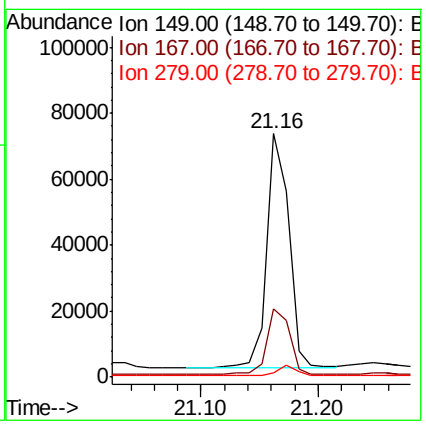


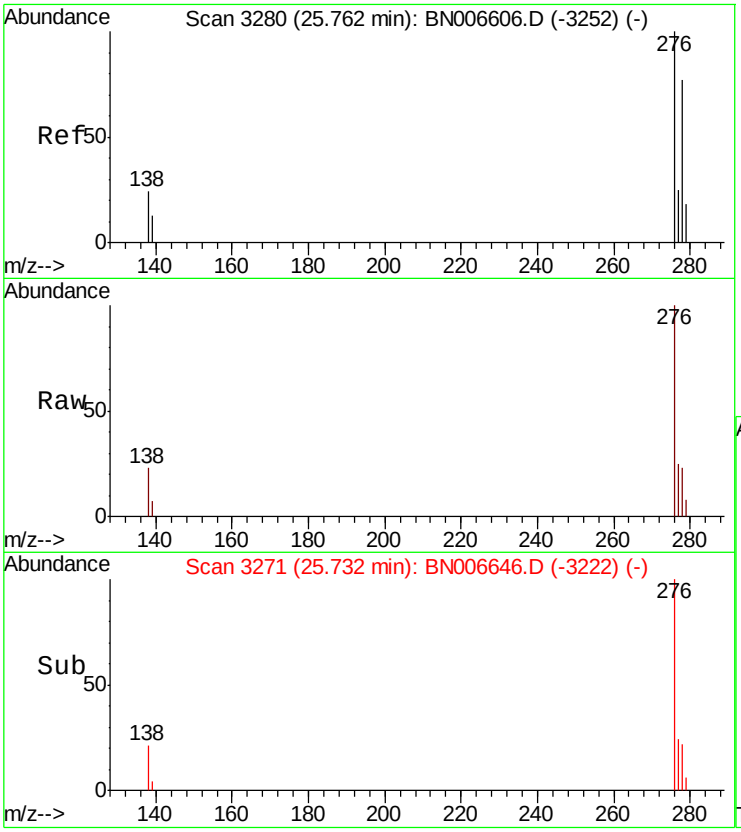


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.477 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:149 Resp: 93205

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	3.9	3.3	4.9



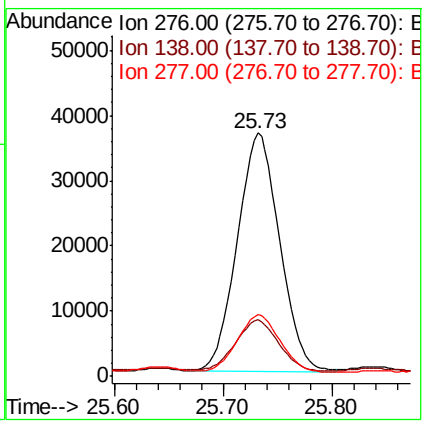


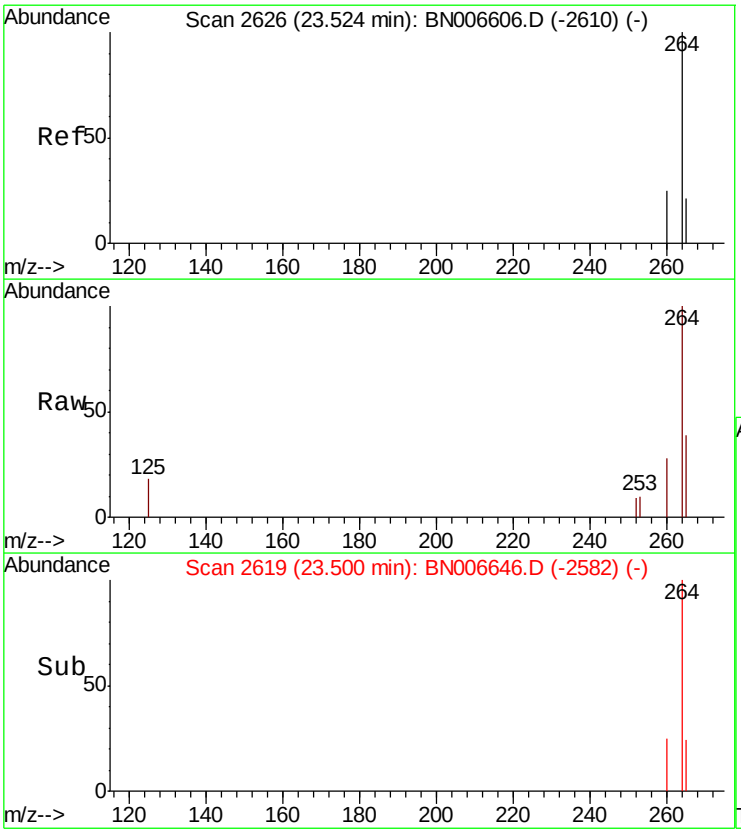
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.209 ng
RT: 25.73 min Scan# 3271
Delta R.T. -0.03 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:276 Resp: 98652

Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.3	28.9
277	24.5	19.9	29.9

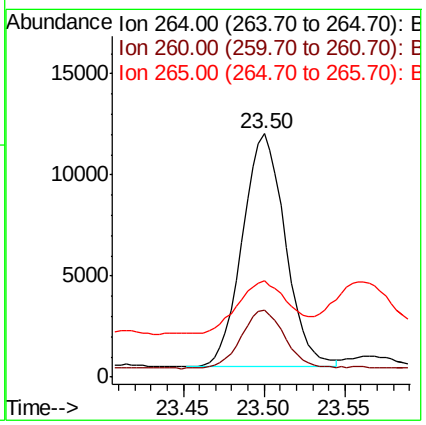


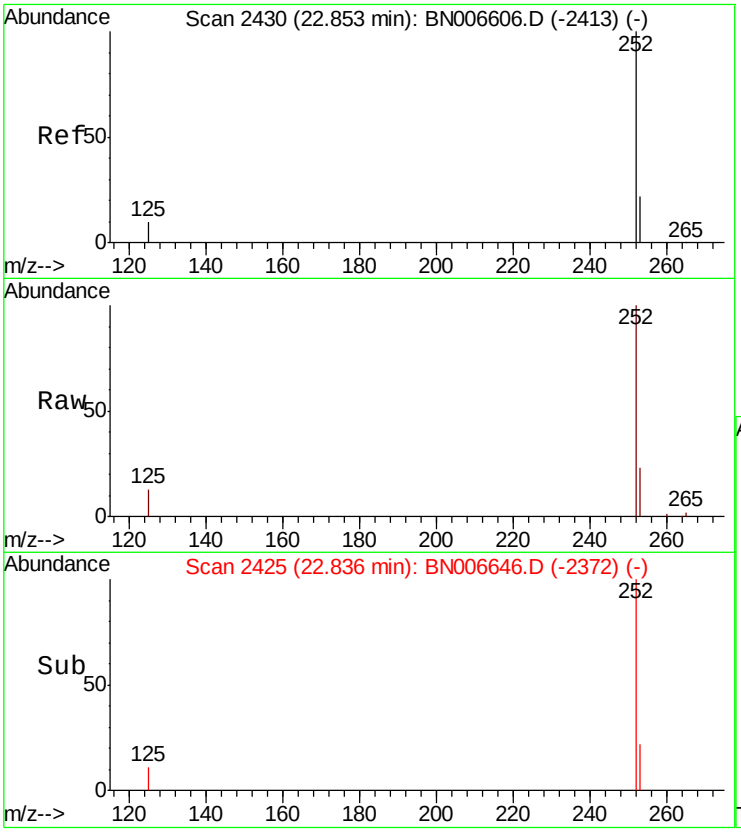


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:264 Resp: 21372

Ion	Ratio	Lower	Upper
264	100		
260	27.7	20.2	30.2
265	39.4	23.3	34.9#



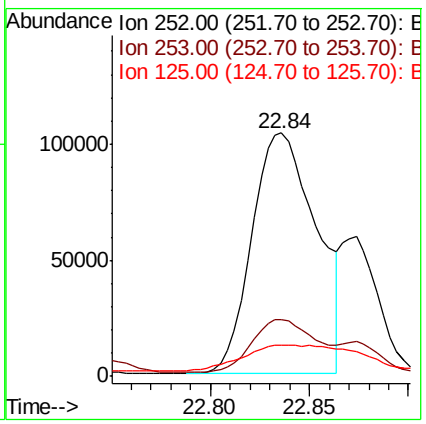


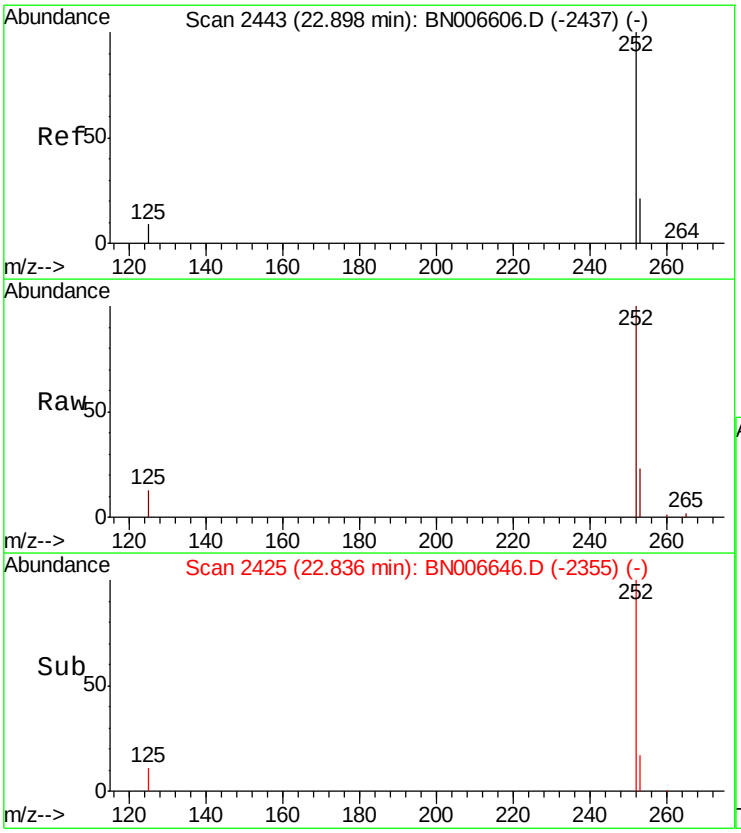
#35
Benzo(b)fluoranthene
Concen: 3.238 ng
RT: 22.84 min Scan# 2425
Delta R.T. -0.02 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:252 Resp: 235369

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

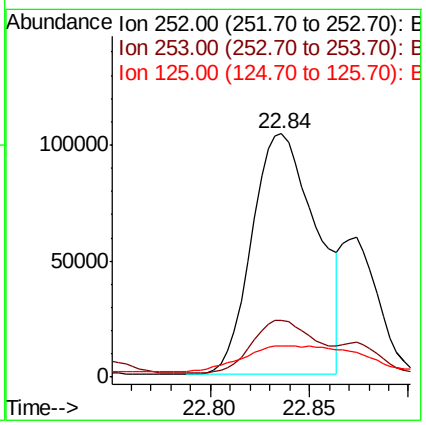


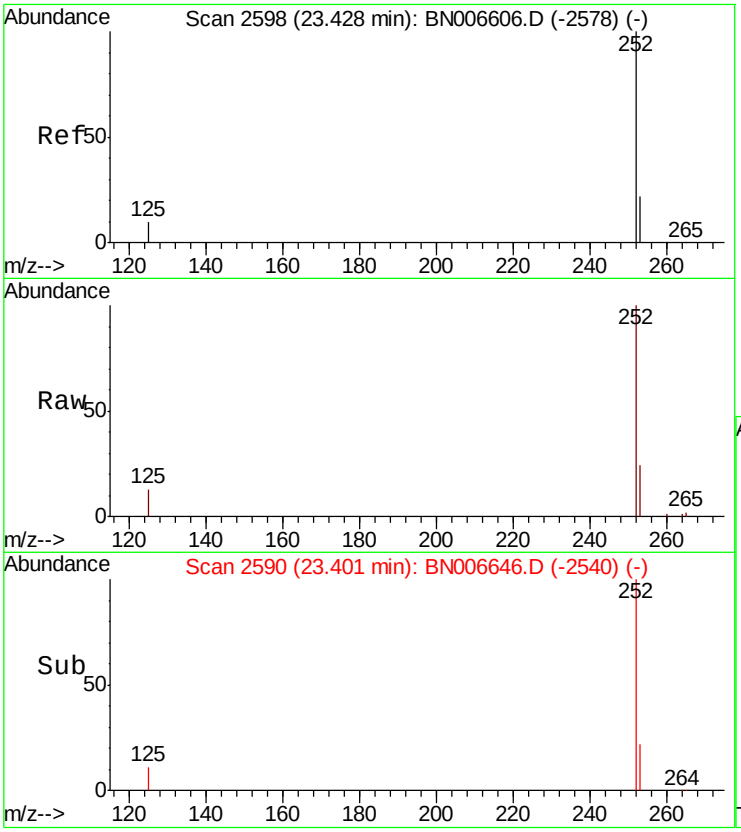


#36
Benzo(k)fluoranthene
Concen: 3.037 ng
RT: 22.84 min Scan# 2425
Delta R.T. -0.06 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:252 Resp: 235369

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	13.1	8.4	12.6#



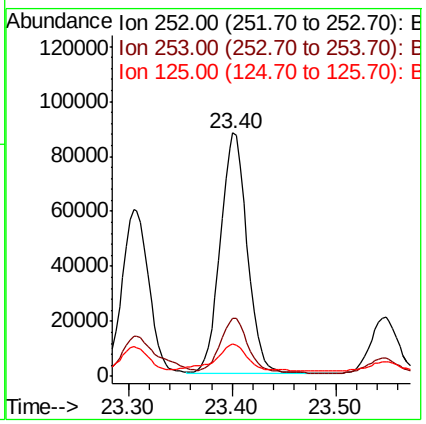


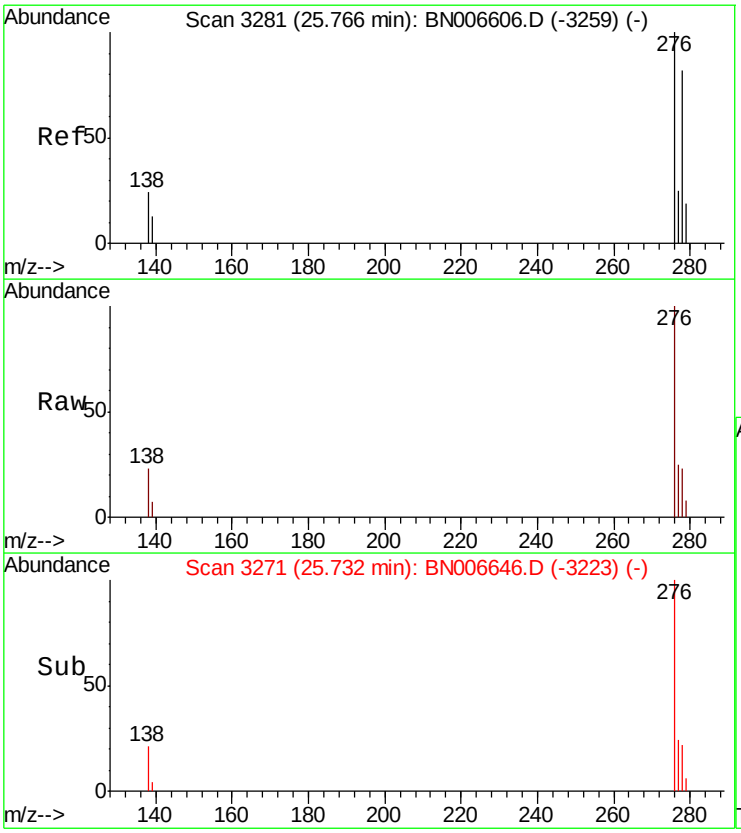
#37
Benzo(a)pyrene
Concen: 2.308 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.03 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:252 Resp: 156851

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.8	28.2
125	13.2	9.4	14.2

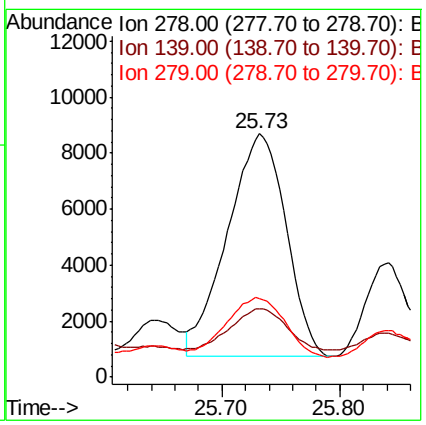


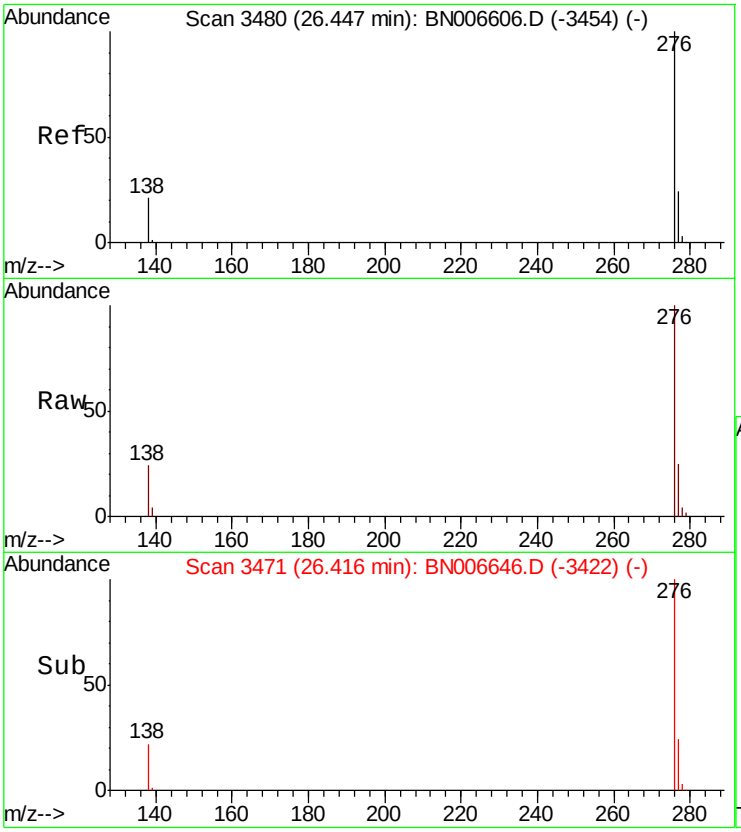


#38
Dibenzo(a,h)anthracene
Concen: 0.465 ng
RT: 25.73 min Scan# 3271
Delta R.T. -0.03 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Tgt Ion:278 Resp: 27638

Ion	Ratio	Lower	Upper
278	100		
139	28.3	13.5	20.3#
279	32.5	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.538 ng
RT: 26.42 min Scan# 3471
Delta R.T. -0.03 min
Lab File: BN006646.D
Acq: 29 Jun 2019 10:50

Instrument :
BNA_N
ClientSampleId :
PST-008-B252-061819

Tgt Ion:276 Resp: 91138

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.6	29.4
138	23.6	17.7	26.5