Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006671.D
Acq On : 01 Jul 2019 22:49
Operator : HP/JU
Sample : K3504-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-009-SW136-062019

Quant Time: Jul 02 05:07:25 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	4645	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	18942	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	10533	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	22183	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	19900	0.40	ng		-0.02
34) Perylene-d12	23.48	264	24065	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3333	0.29	ng		0.00
5) Phenol-d6	6.82	99	4658	0.31	ng		0.00
8) Nitrobenzene-d5	8.79	82	3245	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	7721	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1498	0.30	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	10330	0.26	ng		-0.01
25) Fluoranthene-d10	19.07	212	15516	0.24	ng		-0.01
29) Terphenyl-d14	19.67	244	11394	0.27	ng		-0.01
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	6.98	93	607	0.045	ng	#	41
9) Naphthalene	10.44	128	19064	0.383	ng		99
12) 2-Methylnaphthalene	12.07	142	16151	0.470	ng		99
16) Acenaphthylene	13.99	152	163674	3.259	ng		100
17) Acenaphthene	14.33	154	11448	0.346	ng		95
18) Fluorene	15.32	166	36003	0.863	ng	#	87
22) Pentachlorophenol	16.72	266	330	0.285	ng		96
23) Phenanthrene	17.07	178	599846	9.510	ng		100
24) Anthracene	17.16	178	130250	2.380	ng		99
26) Fluoranthene	19.10	202	869715	11.346	ng		98
28) Pyrene	19.47	202	968668	13.911	ng		97
30) Benzo(a)anthracene	21.23	228	398306	6.122	ng		96
31) Chrysene	21.28	228	466457	6.651	ng		96
32) Bis(2-ethylhexyl)phthalate	21.15	149	130589	3.988	ng		99
33) Indeno(1,2,3-cd)pyrene	25.71	276	277061	3.903	ng		97
35) Benzo(b)fluoranthene	22.81	252	548411	6.699	ng		99
36) Benzo(k)fluoranthene	22.81	252	548411	6.285	ng		99
37) Benzo(a)pyrene	23.38	252	400165	5.229	ng		99
38) Dibenzo(a,h)anthracene	25.71	278	76802	1.149	ng	#	86
39) Benzo(g,h,i)perylene	26.40	276	294913	4.419	ng		100

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

Quantitation Report (Not Reviewed)

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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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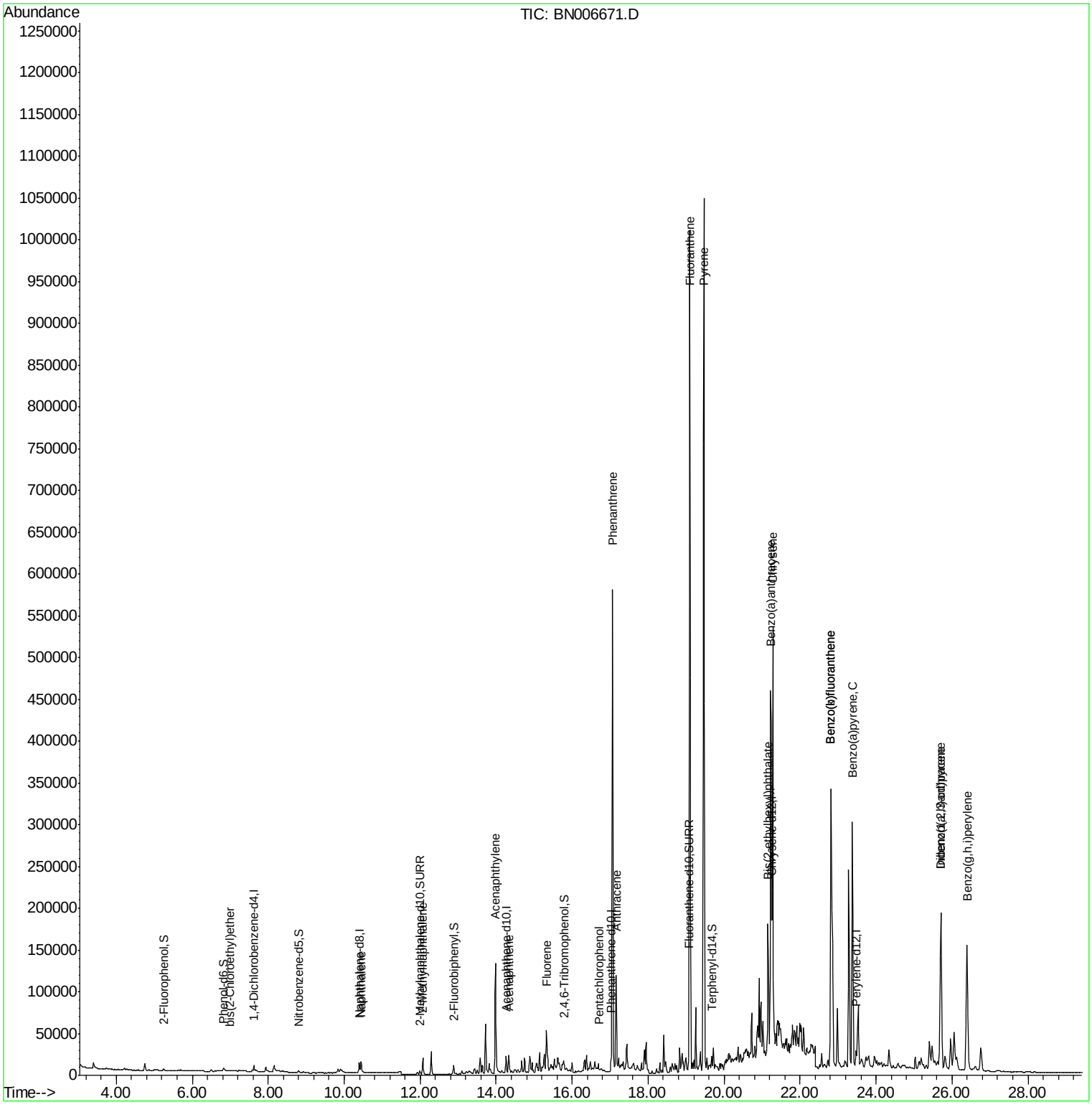
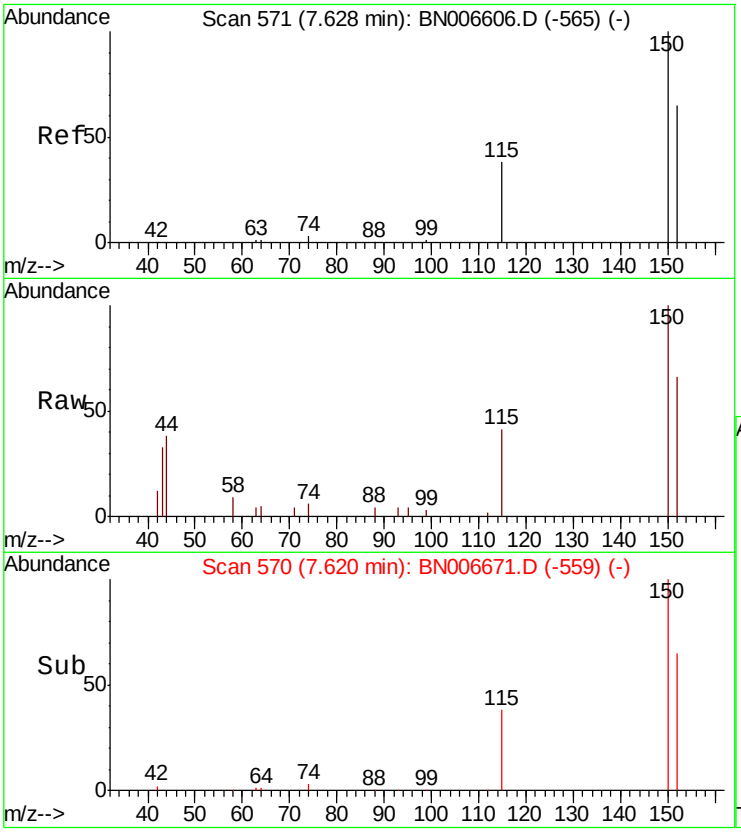


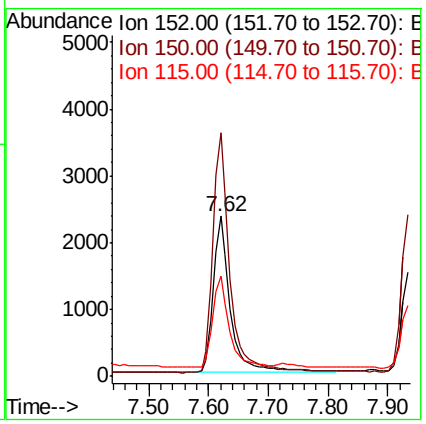


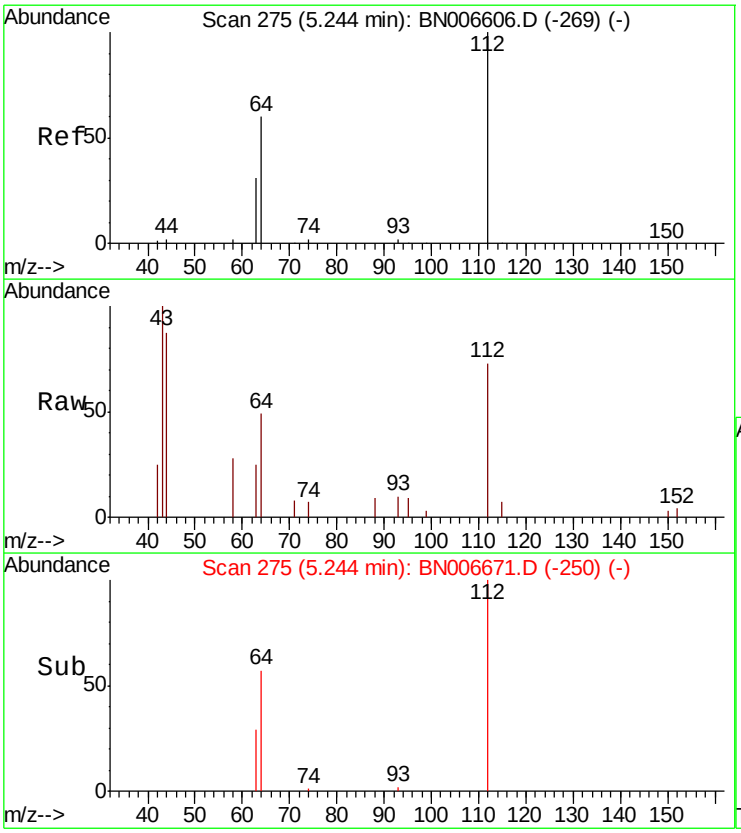
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:152 Resp: 4645

Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.2	183.2
115	62.7	50.0	75.0

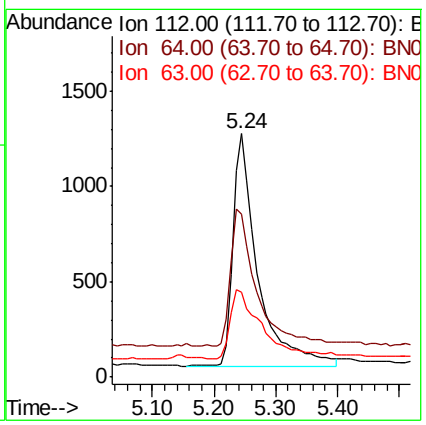


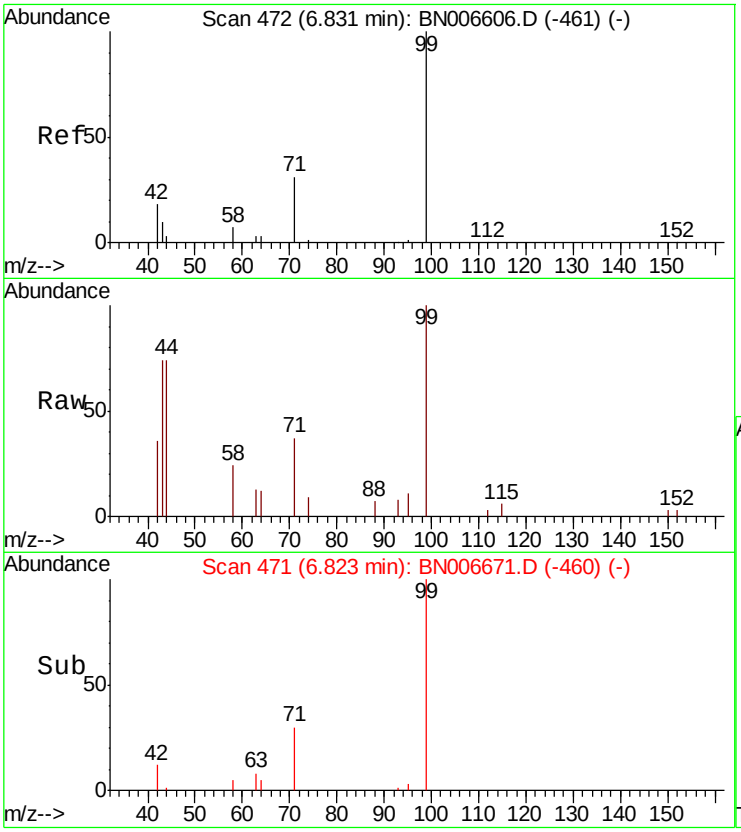


#4
2-Fluorophenol
Concen: 0.293 ng
RT: 5.24 min Scan# 275
Delta R.T. -0.00 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:112 Resp: 3333

Ion	Ratio	Lower	Upper
112	100		
64	62.8	48.9	73.3
63	39.1	24.3	36.5#



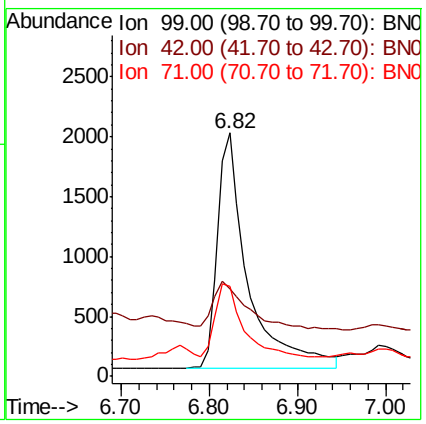


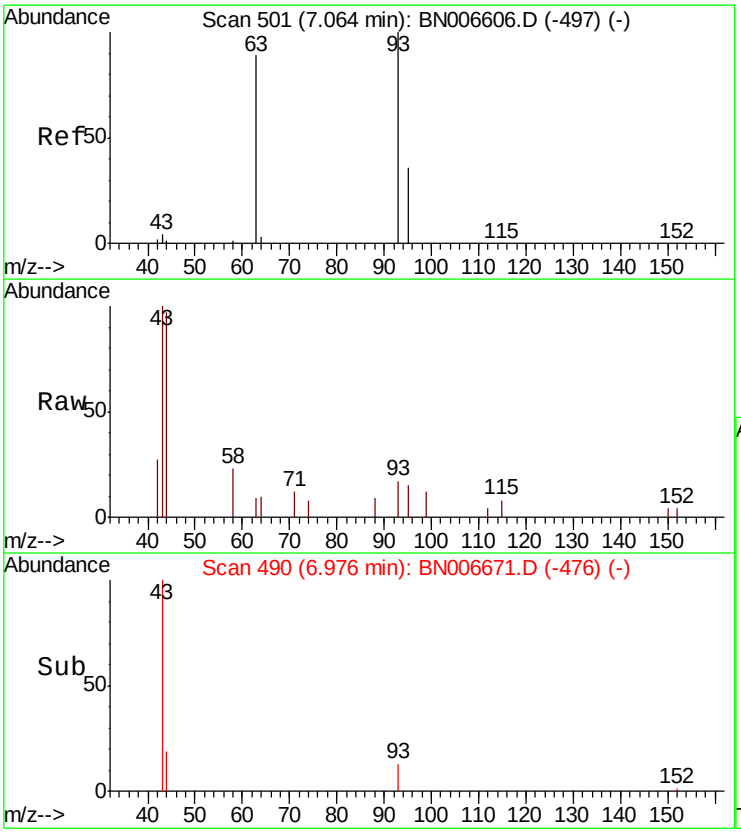
#5
Phenol-d6
Concen: 0.309 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion: 99 Resp: 4658

Ion	Ratio	Lower	Upper
99	100		
42	23.7	16.4	24.6
71	28.3	26.6	40.0

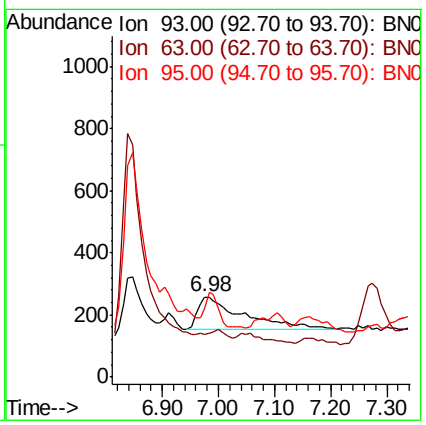


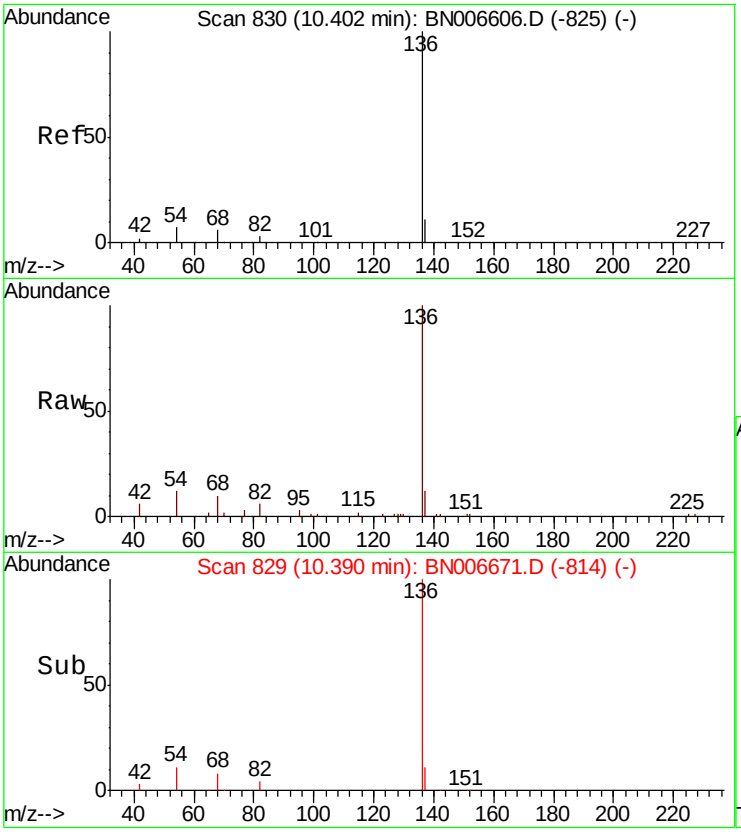


#6
bis(2-Chloroethyl)ether
Concen: 0.045 ng
RT: 6.98 min Scan# 490
Delta R.T. -0.09 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion: 93 Resp: 607

Ion	Ratio	Lower	Upper
93	100		
63	0.0	52.5	78.7#
95	33.8	24.2	36.4



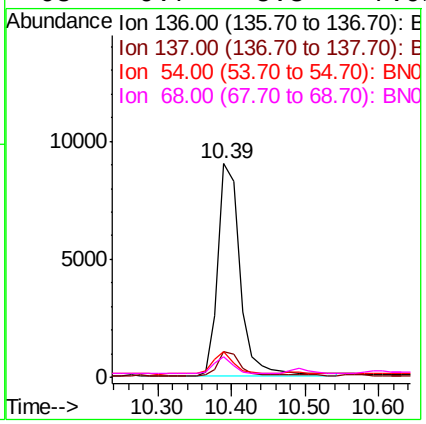


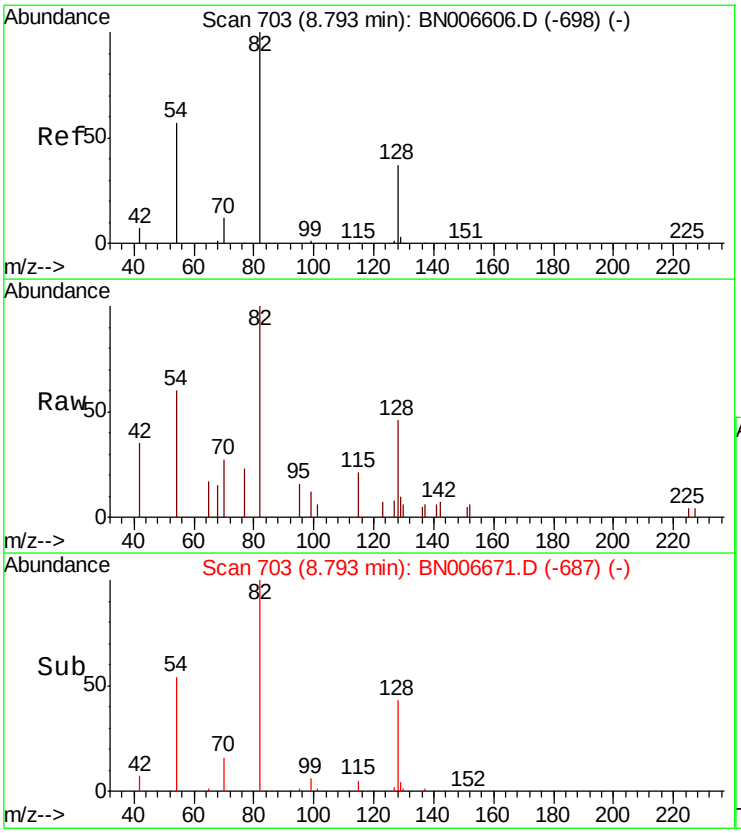
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:136 Resp: 18942

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	12.0	6.7	10.1#
68	9.7	5.3	7.9#

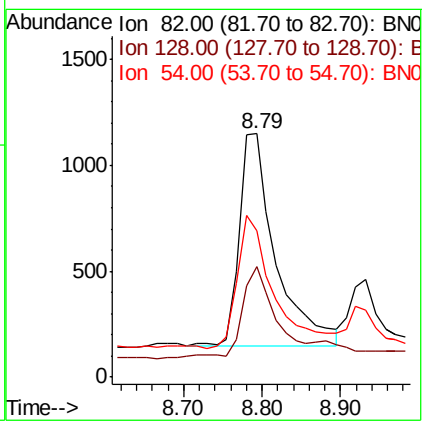


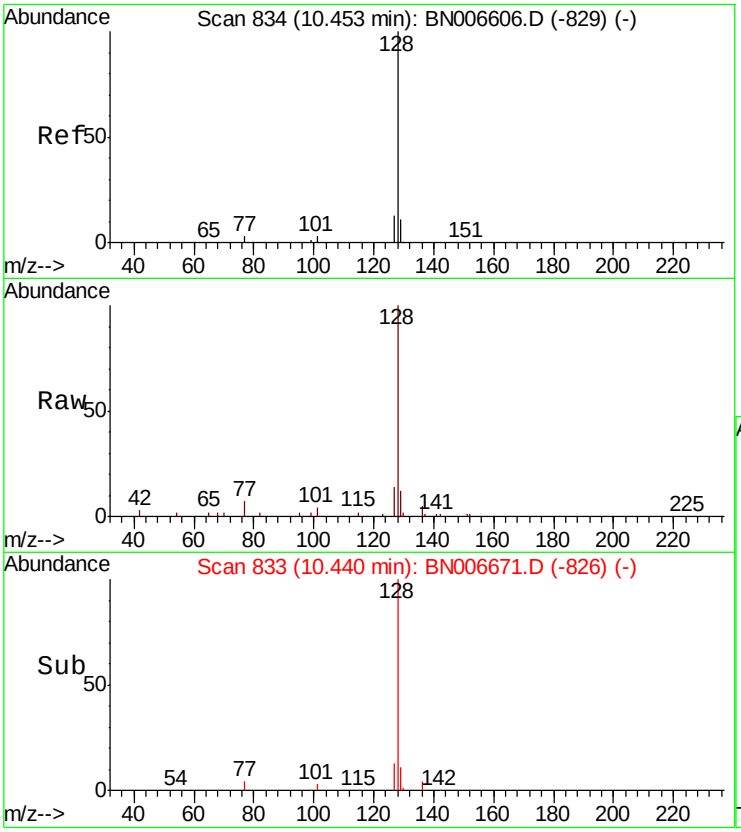


#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion: 82 Resp: 3245

Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.6	49.0
54	60.4	48.2	72.4



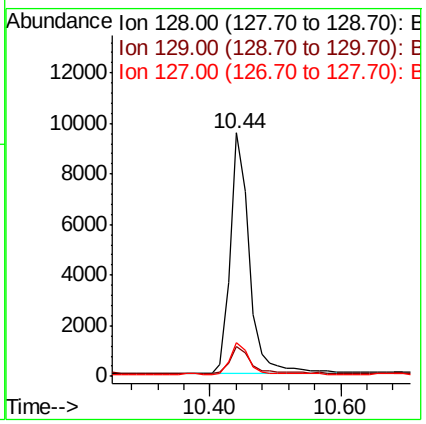


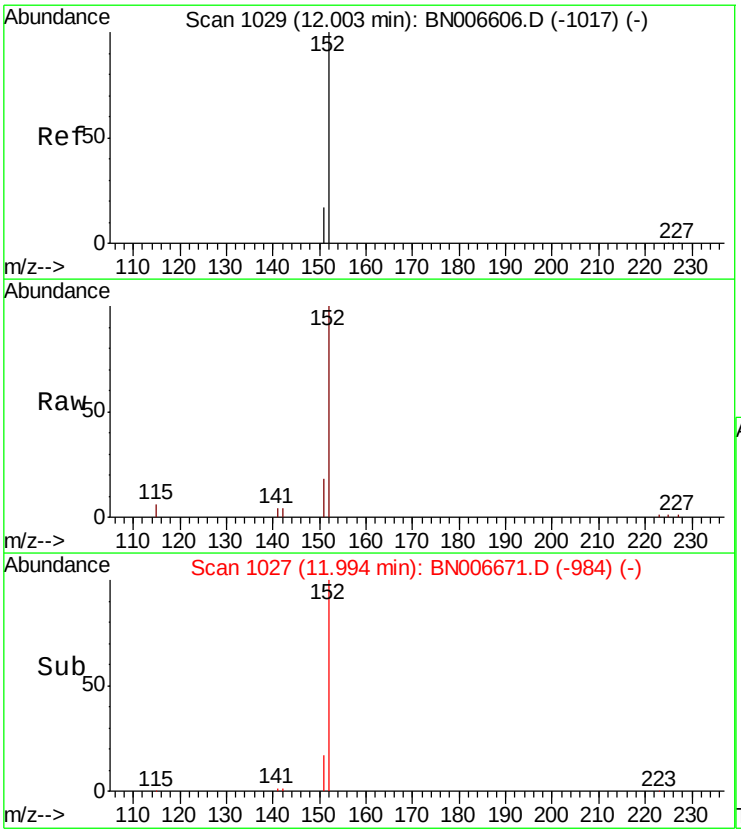
#9
Naphthalene
Concen: 0.383 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:128 Resp: 19064

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.3	13.9
127	13.6	10.8	16.2

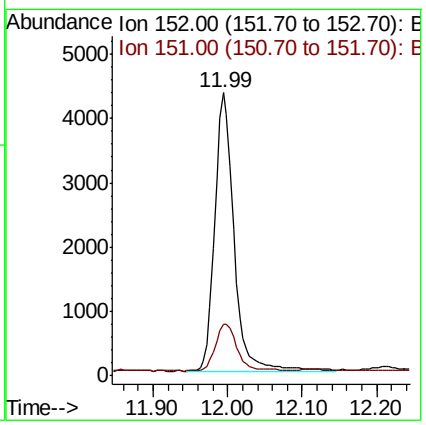


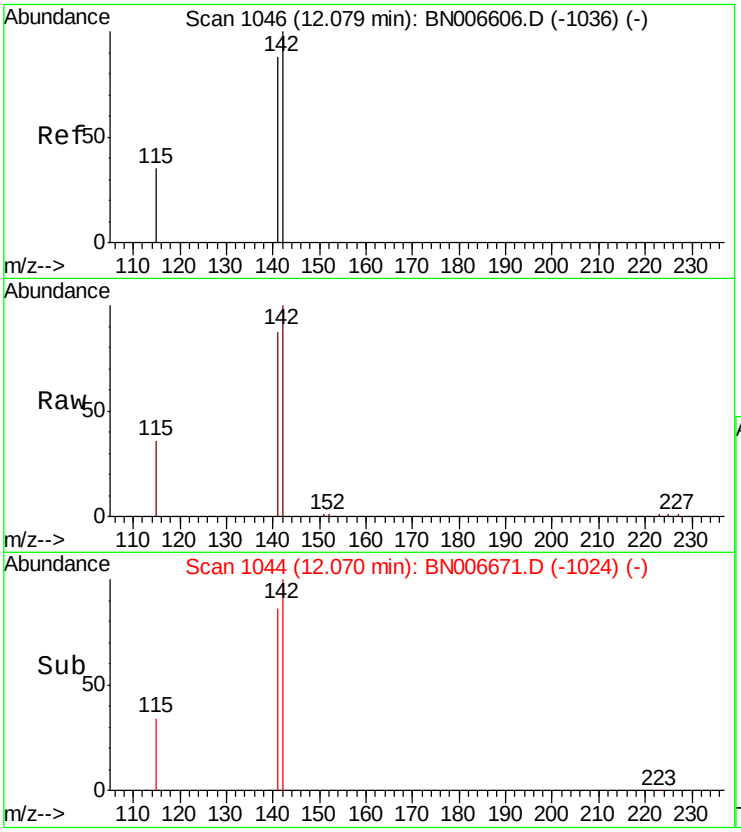


#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 11.99 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:152 Resp: 7721

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.4



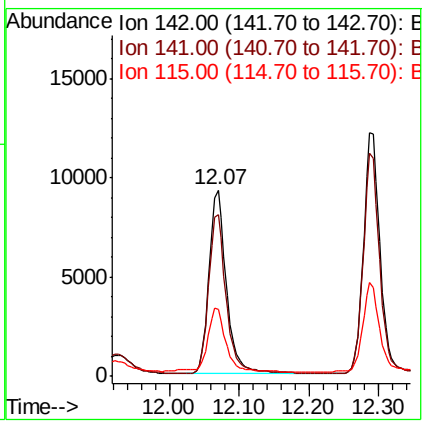


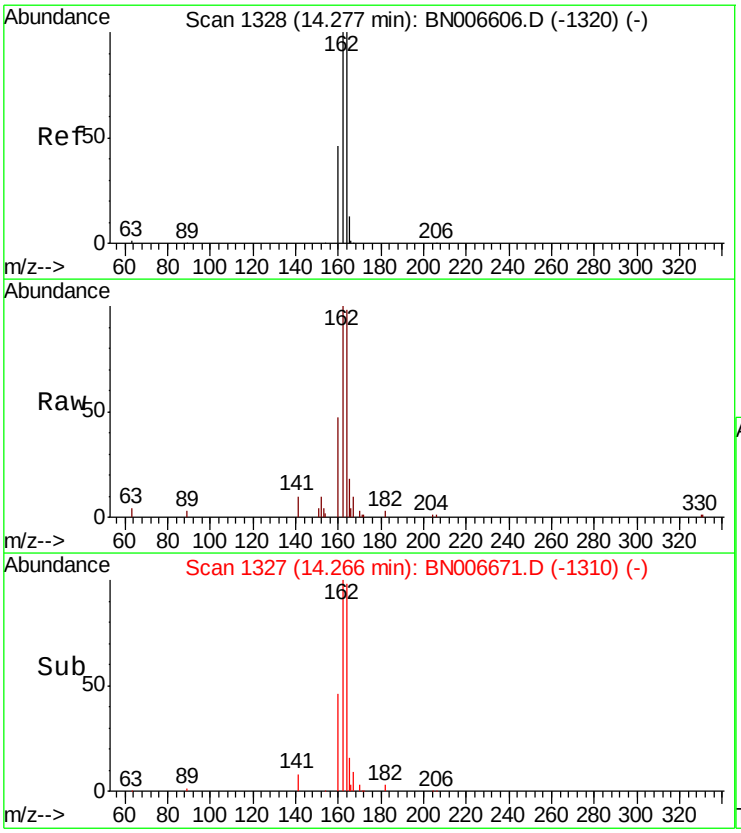
#12
2-Methylnaphthalene
Concen: 0.470 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:142 Resp: 16151

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.2	105.4
115	36.0	28.5	42.7

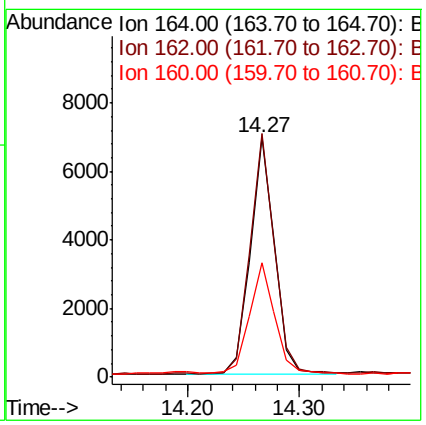


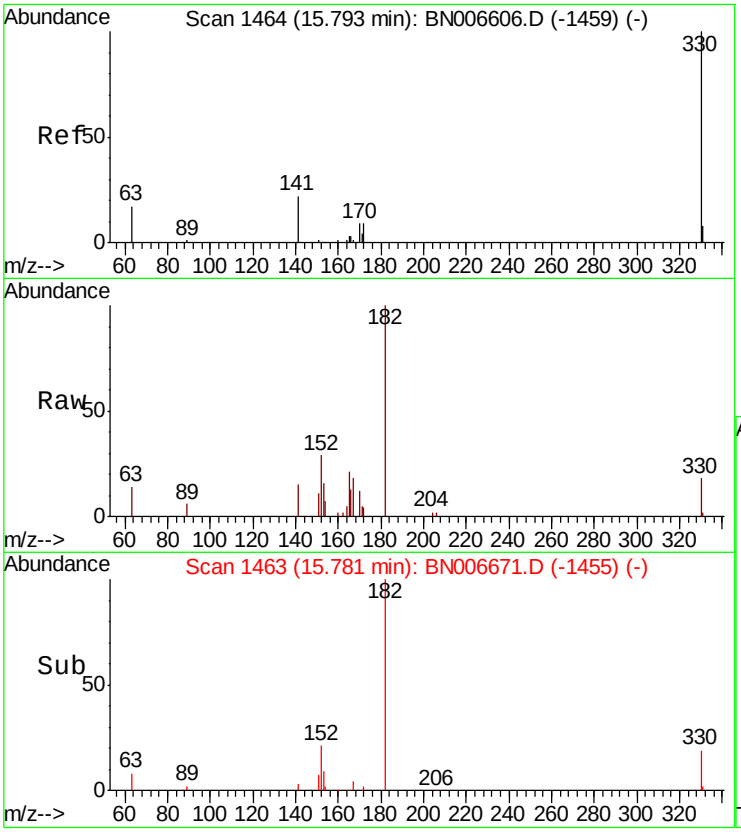


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:164 Resp: 10533

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.0	120.0
160	47.5	37.0	55.4



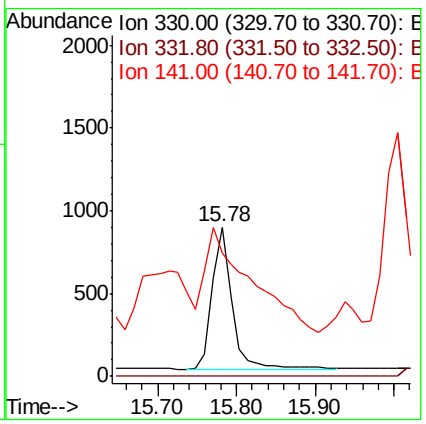


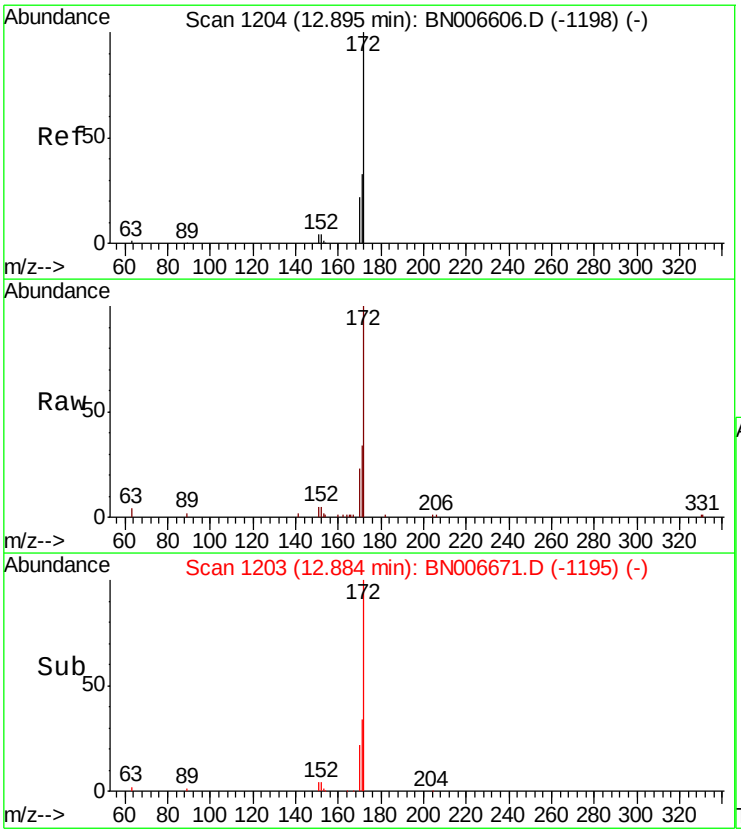
#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:330 Resp: 1498

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	168.6	26.5	39.7#

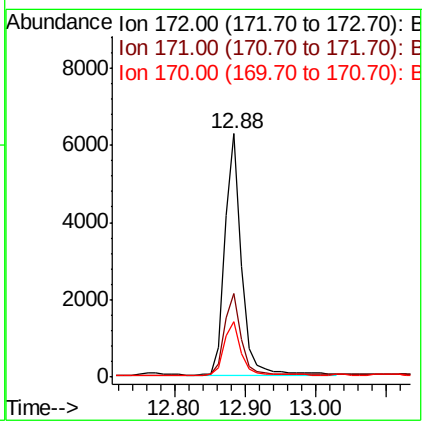


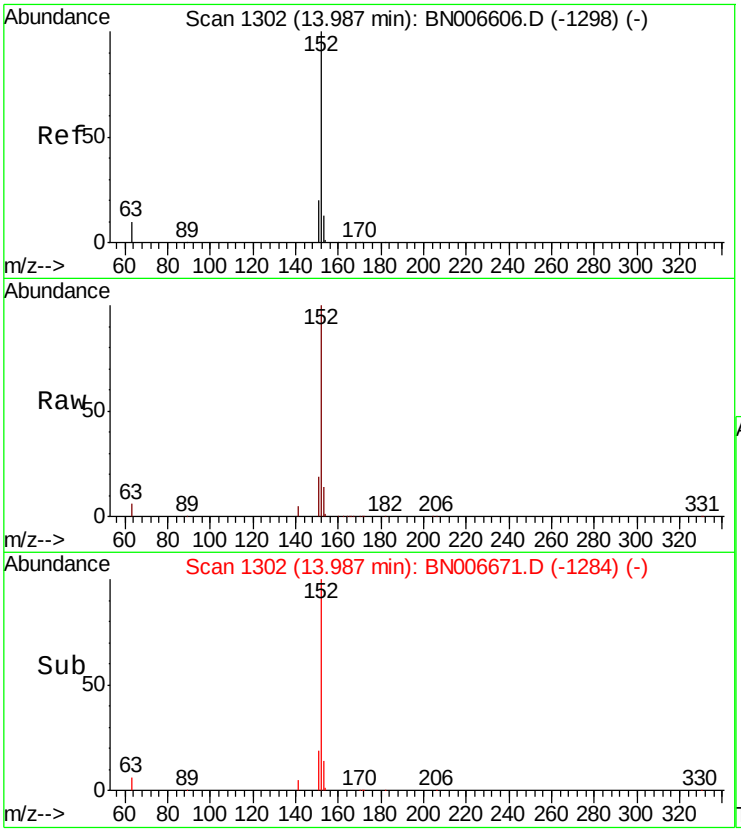


#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:172 Resp: 10330

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.0	40.4
170	23.0	17.7	26.5



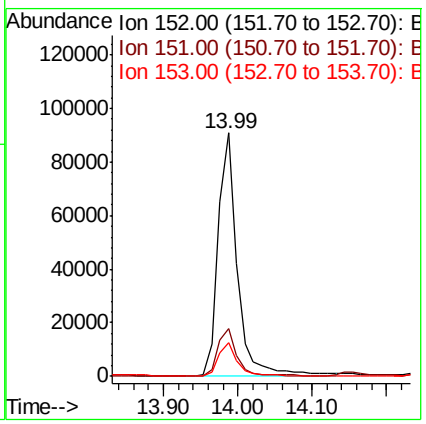


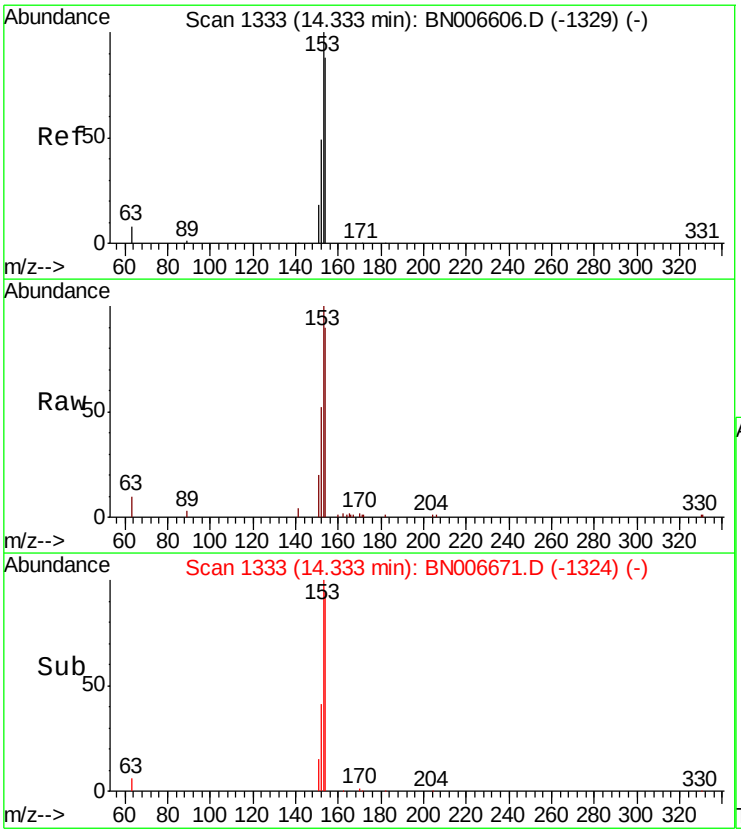
#16
Acenaphthylene
Concen: 3.259 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:152 Resp: 163674

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.5	10.5	15.7

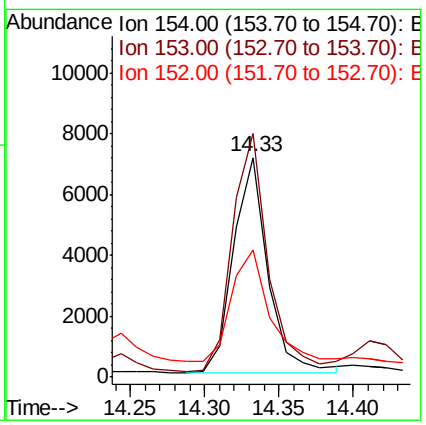


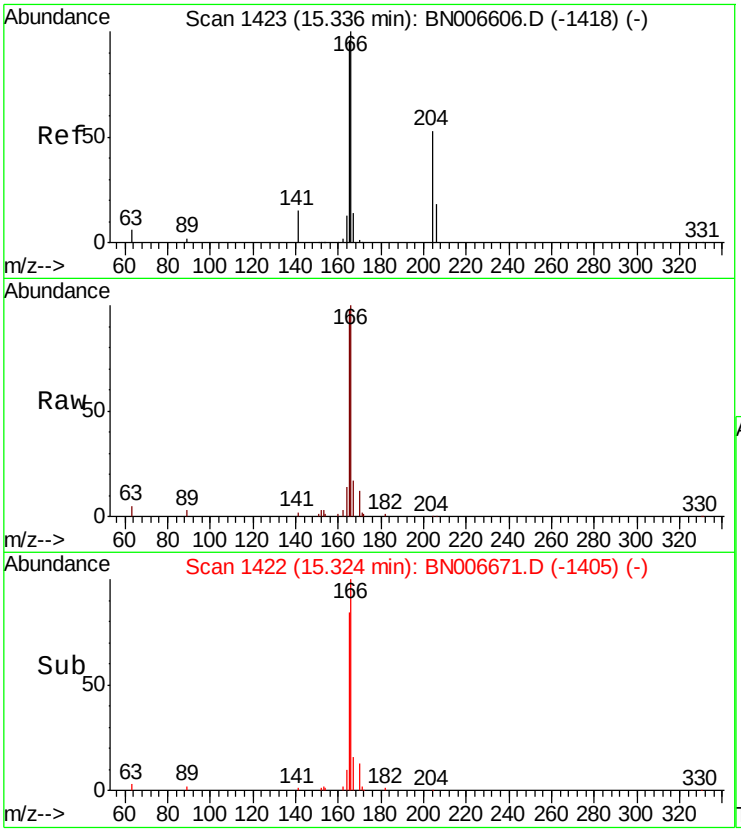


#17
Acenaphthene
Concen: 0.346 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:154 Resp: 11448

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.2	135.4
152	64.3	44.2	66.4



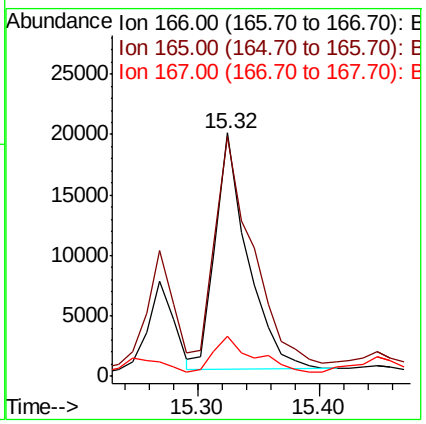


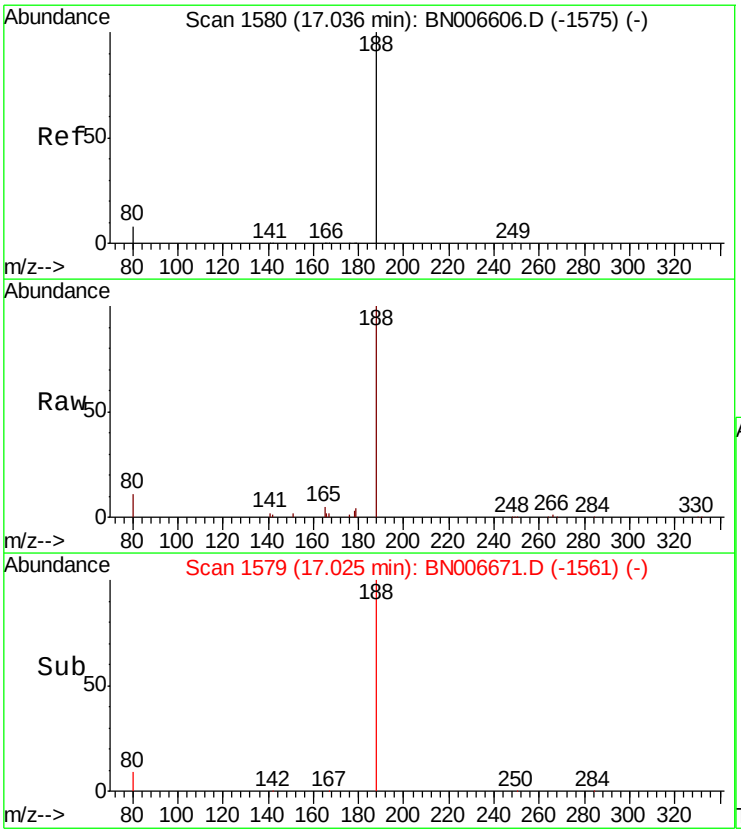
#18
Fluorene
Concen: 0.863 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:166 Resp: 36003

Ion	Ratio	Lower	Upper
166	100		
165	110.9	78.4	117.6
167	18.2	10.8	16.2#

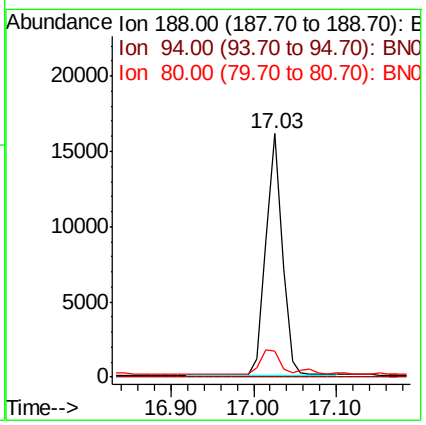


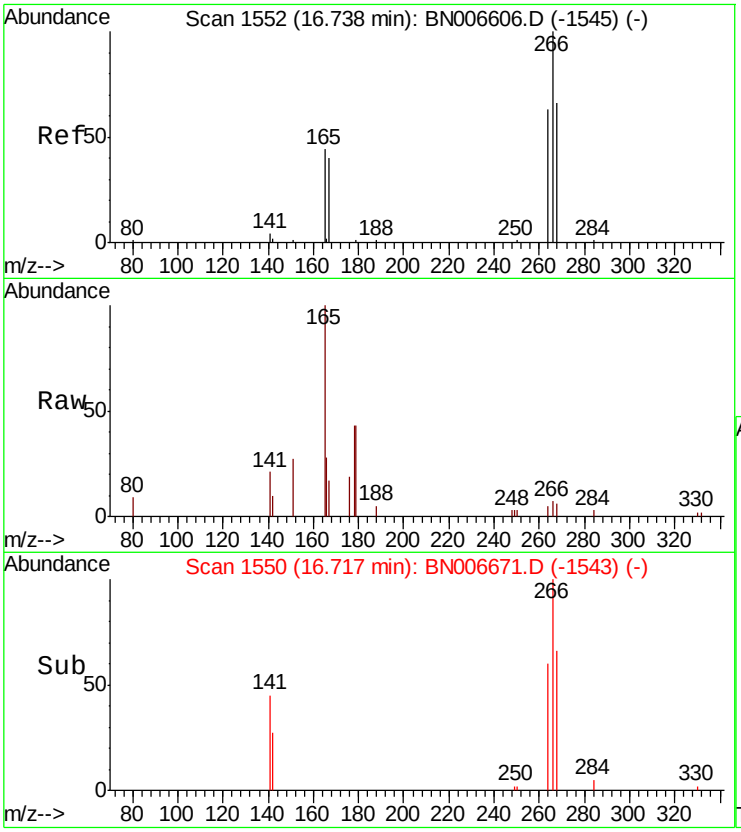


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:188 Resp: 22183

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	7.1	10.7



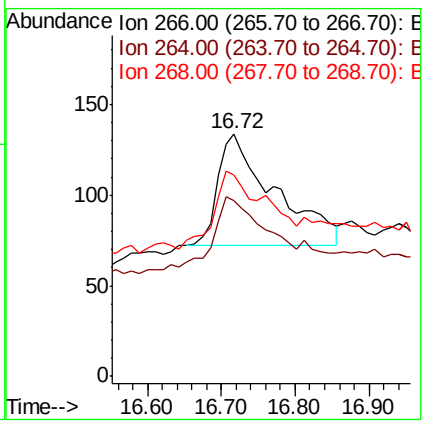


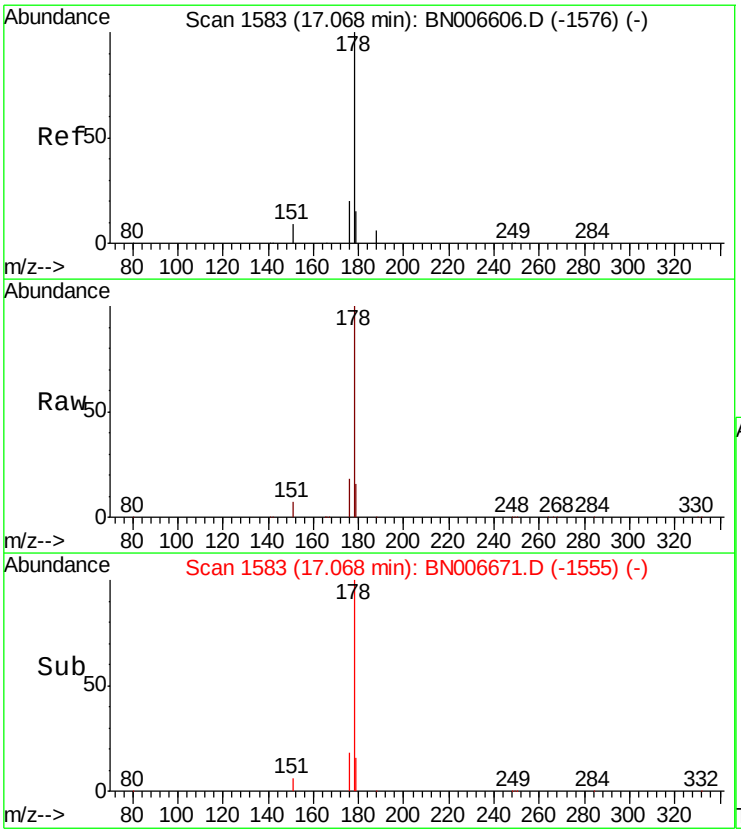
#22
Pentachlorophenol
Concen: 0.285 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:266 Resp: 330

Ion	Ratio	Lower	Upper
266	100		
264	72.4	56.2	84.4
268	82.8	63.0	94.4

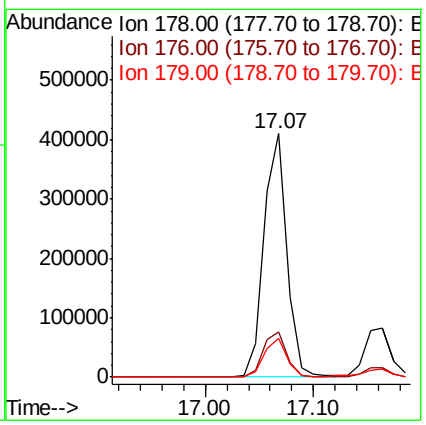


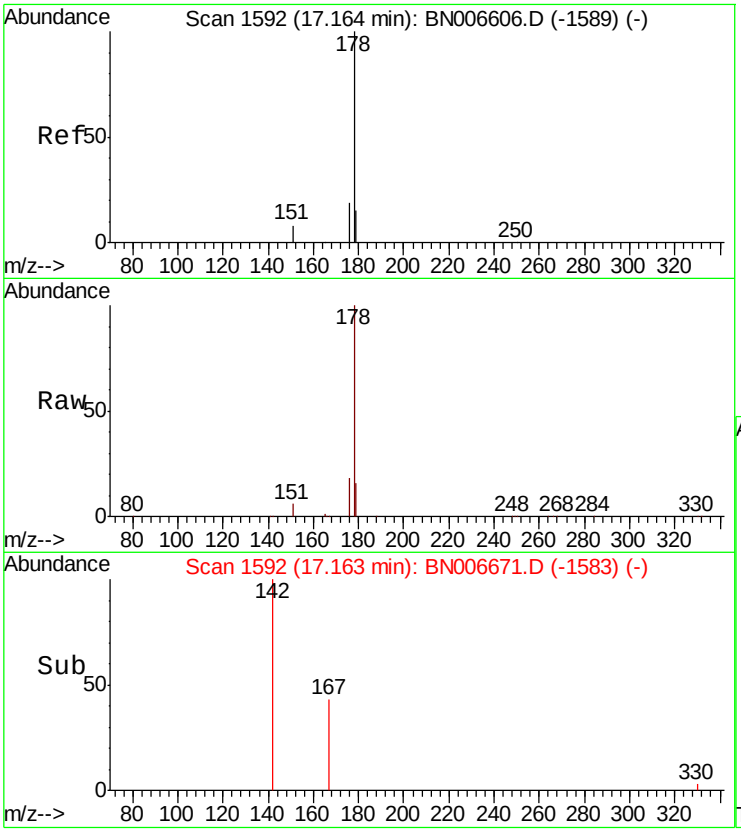


#23
Phenanthrene
Concen: 9.510 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:178 Resp: 599846

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.5	12.2	18.4



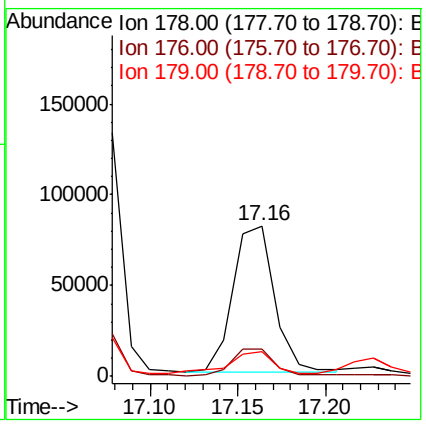


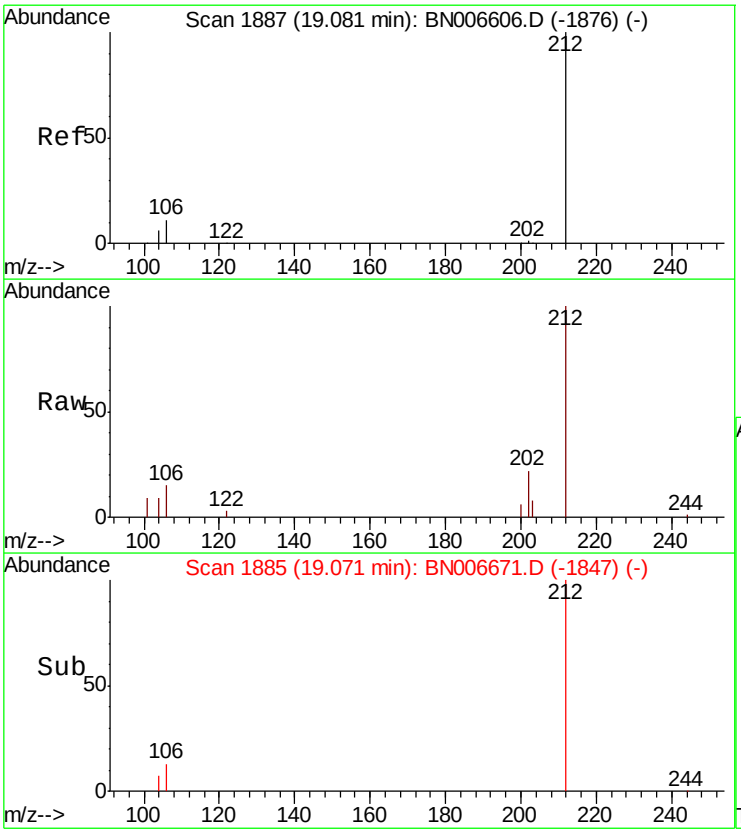
#24
Anthracene
Concen: 2.380 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:178 Resp: 130250

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	16.4	12.2	18.2

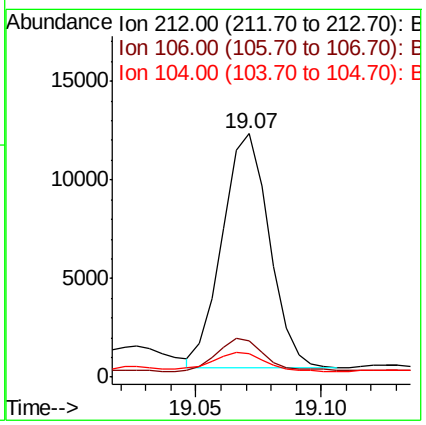


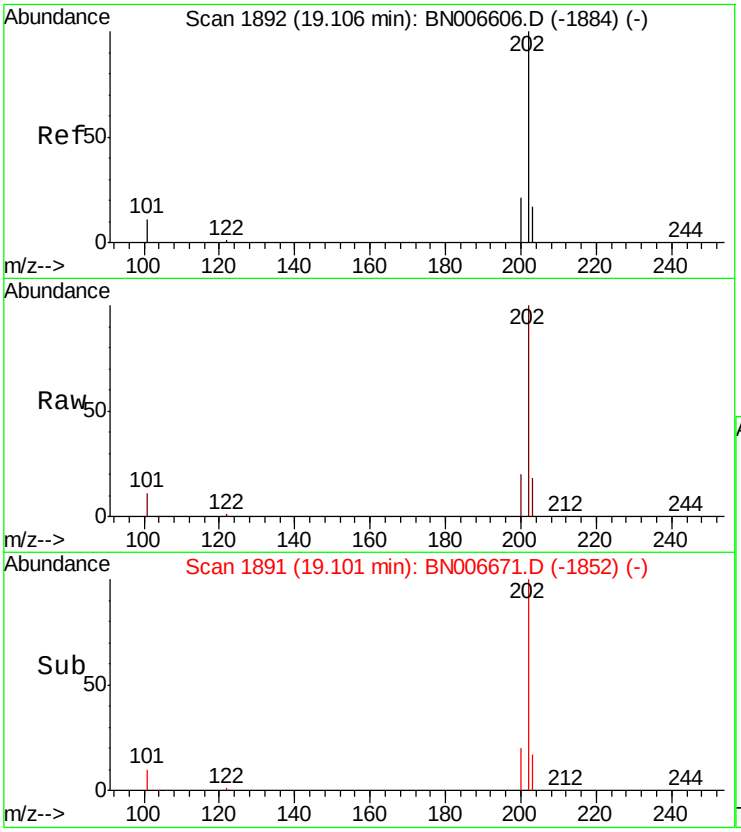


#25
Fluoranthene-d10
Concen: 0.238 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:212 Resp: 15516

Ion	Ratio	Lower	Upper
212	100		
106	14.5	10.6	15.8
104	9.0	5.8	8.6#



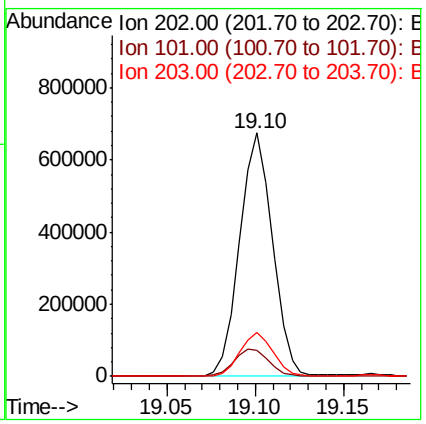


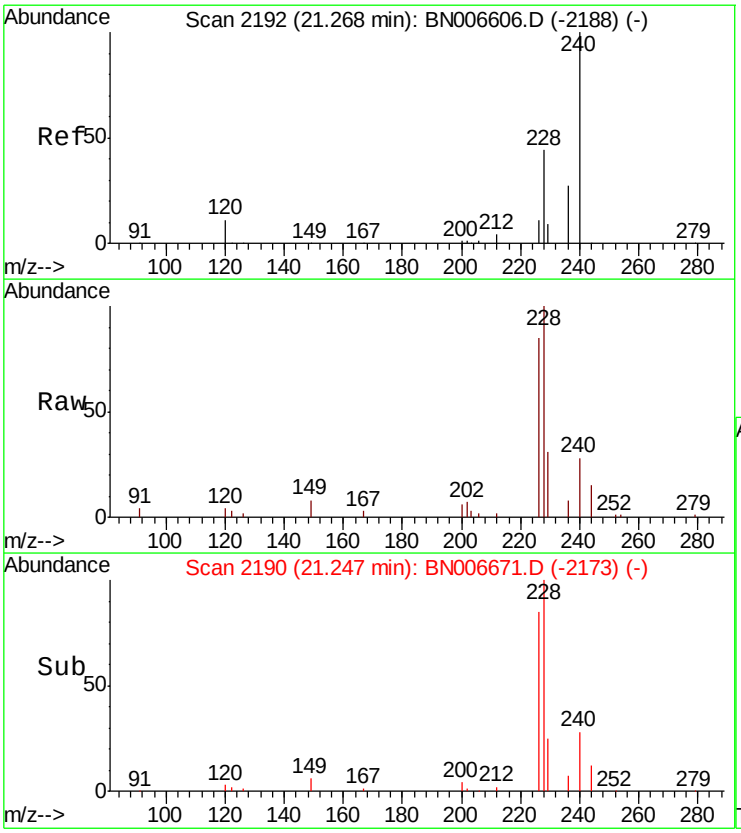
#26
Fluoranthene
Concen: 11.346 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:202 Resp: 869715

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.9	13.3
203	17.8	13.6	20.4

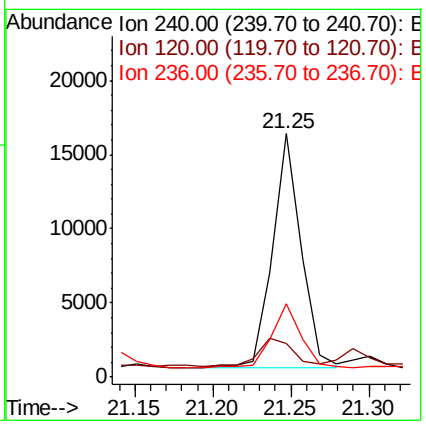


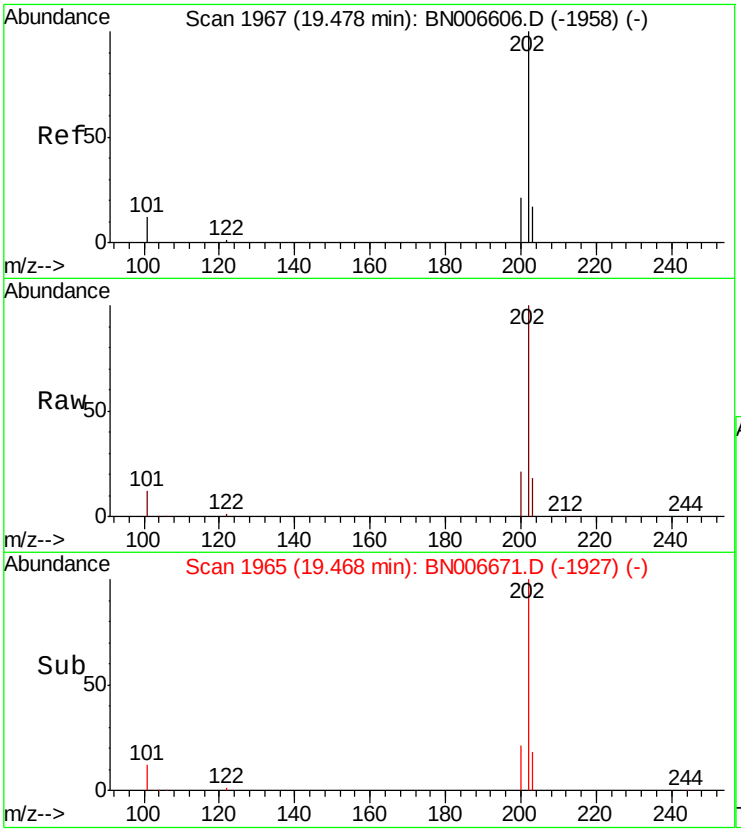


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:240 Resp: 19900

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.9	14.9
236	30.0	22.2	33.4



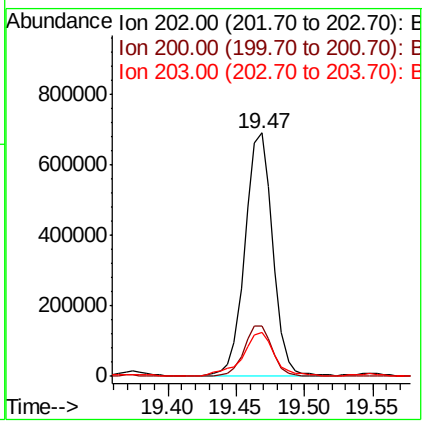


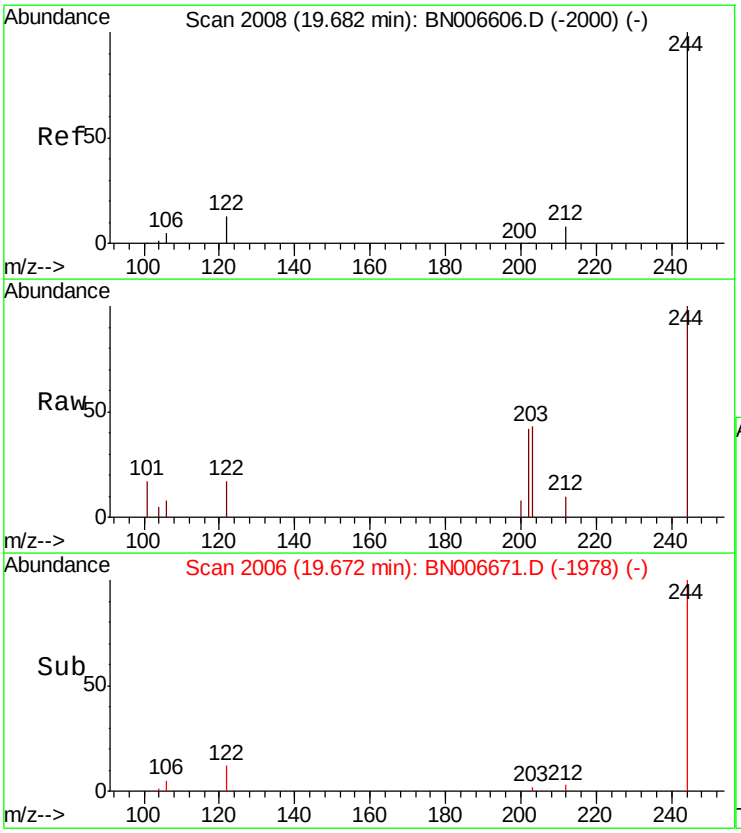
#28
Pyrene
Concen: 13.911 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:202 Resp: 968668

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	20.3	14.1	21.1

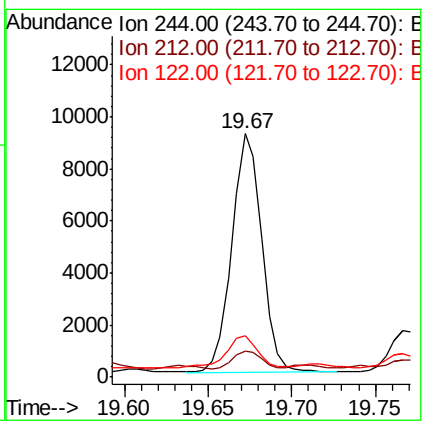


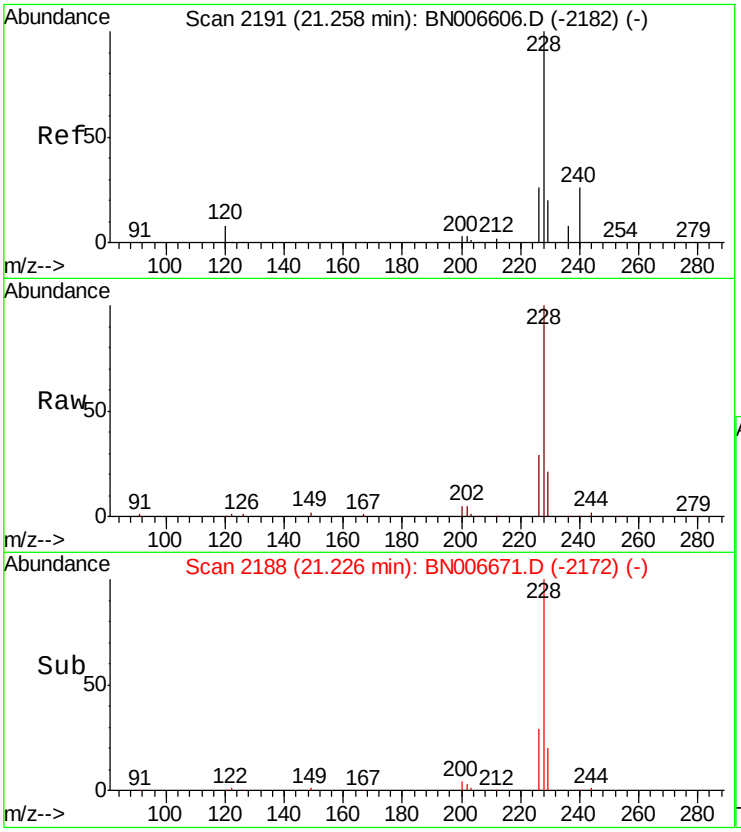


#29
Terphenyl-d14
Concen: 0.273 ng
RT: 19.67 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:244 Resp: 11394

Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.7	10.1#
122	16.8	11.0	16.6#



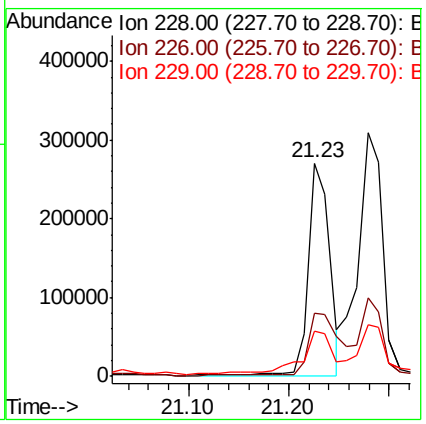


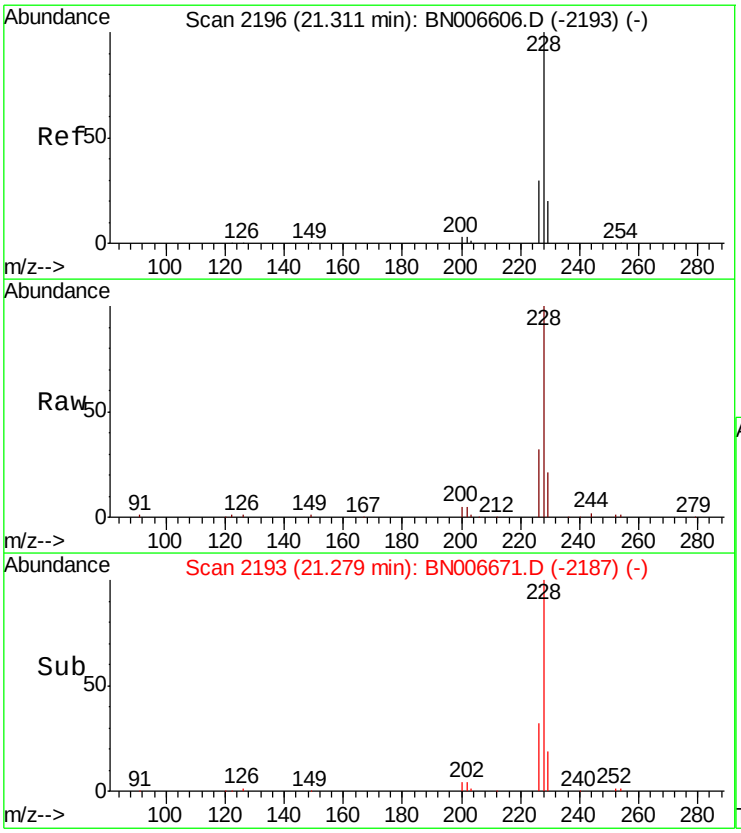
#30
Benzo(a)anthracene
Concen: 6.122 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:228 Resp: 398306

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.2	31.8
229	21.2	16.1	24.1

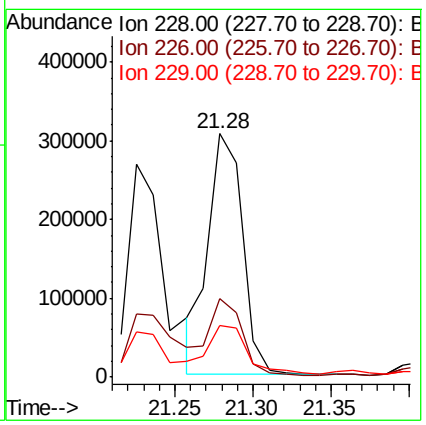


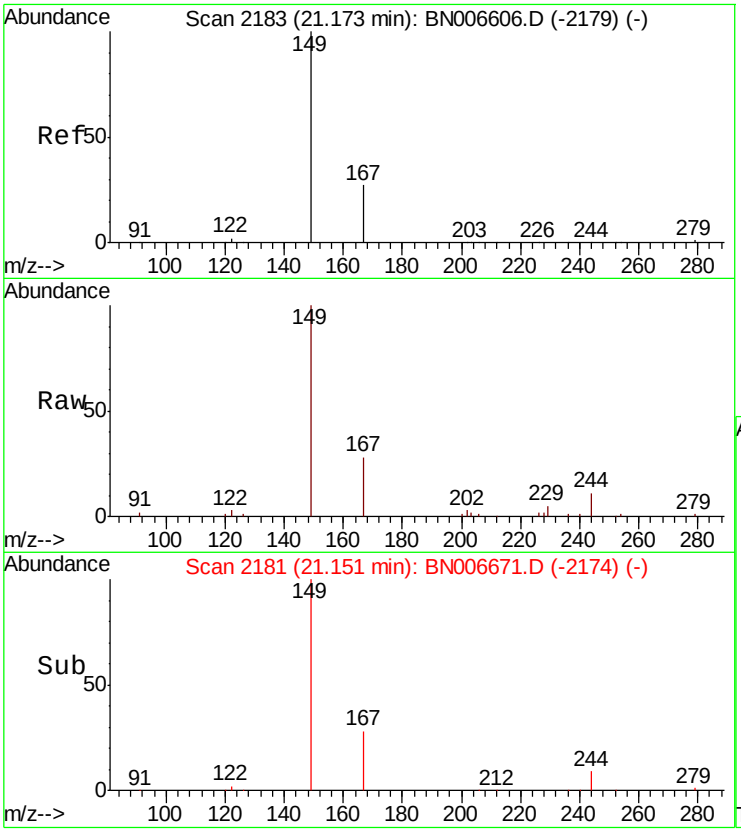


#31
Chrysene
Concen: 6.651 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:228 Resp: 466457

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.8	35.6
229	21.2	15.9	23.9



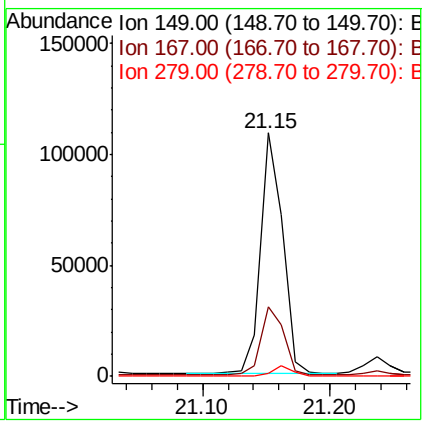


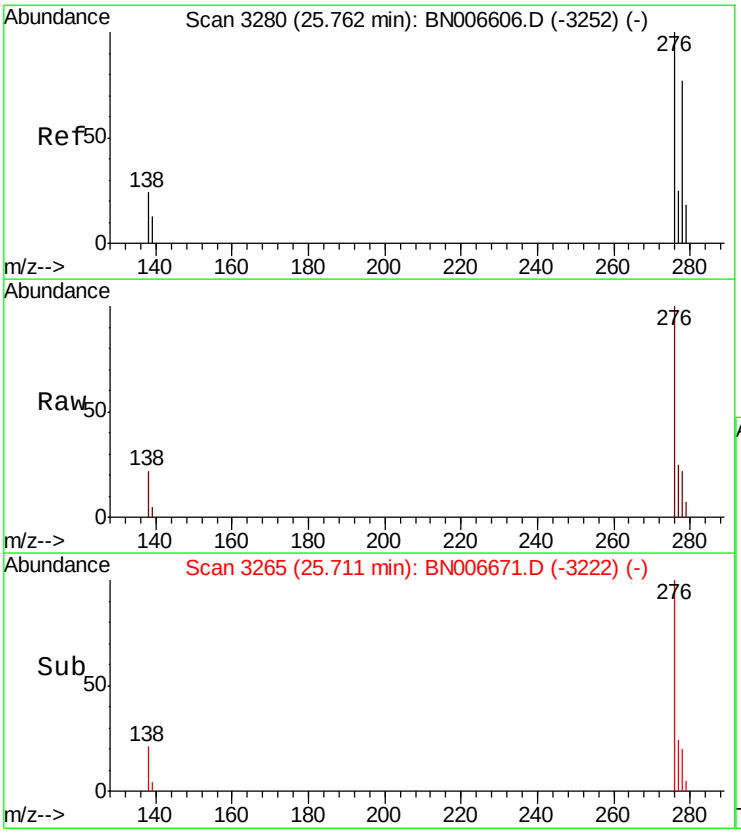
#32
Bis(2-ethylhexyl)phthalate
Concen: 3.988 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:149 Resp: 130589

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.9	34.3
279	4.0	3.3	4.9

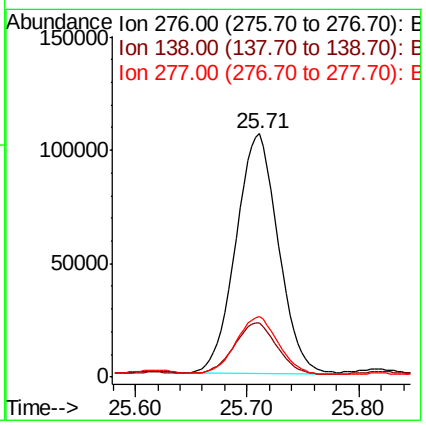


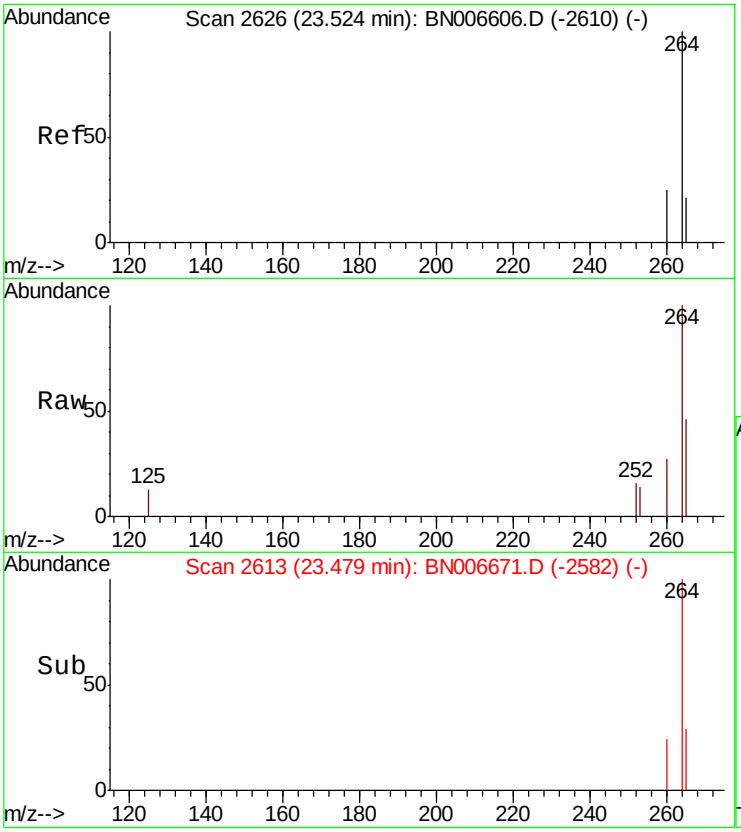


#33
Indeno(1,2,3-cd)pyrene
Concen: 3.903 ng
RT: 25.71 min Scan# 3265
Delta R.T. -0.05 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:276 Resp: 277061

Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.3	28.9
277	24.3	19.9	29.9



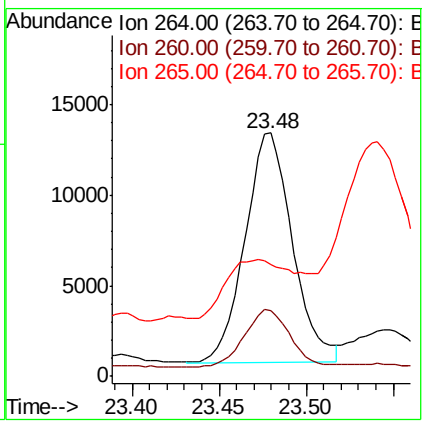


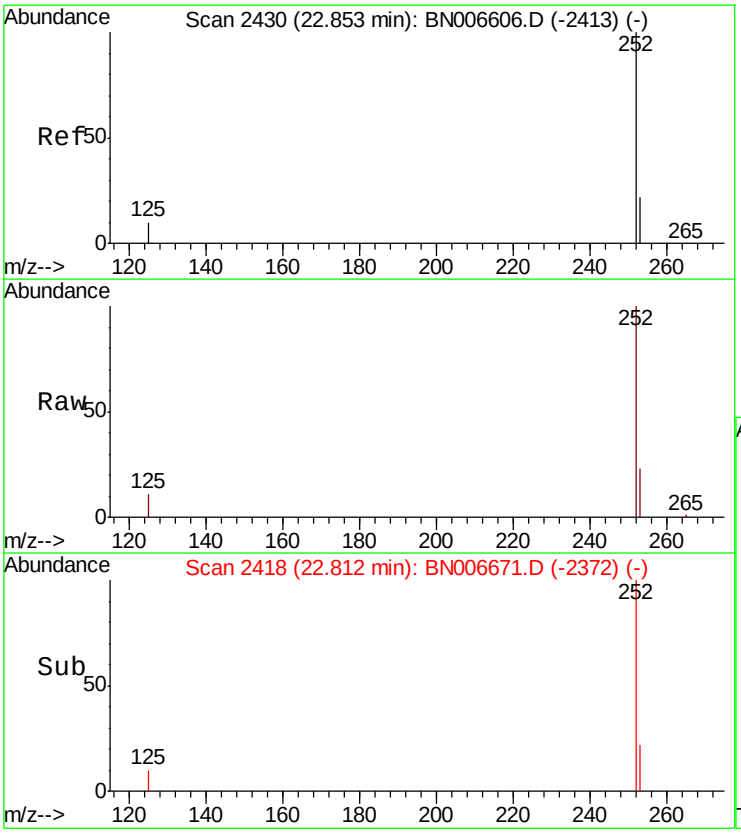
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2613
Delta R.T. -0.04 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:264 Resp: 24065

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.2	30.2
265	46.2	23.3	34.9#

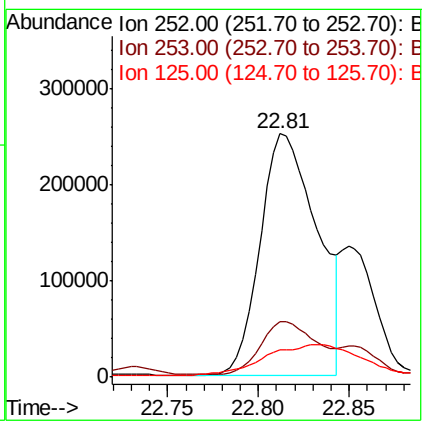


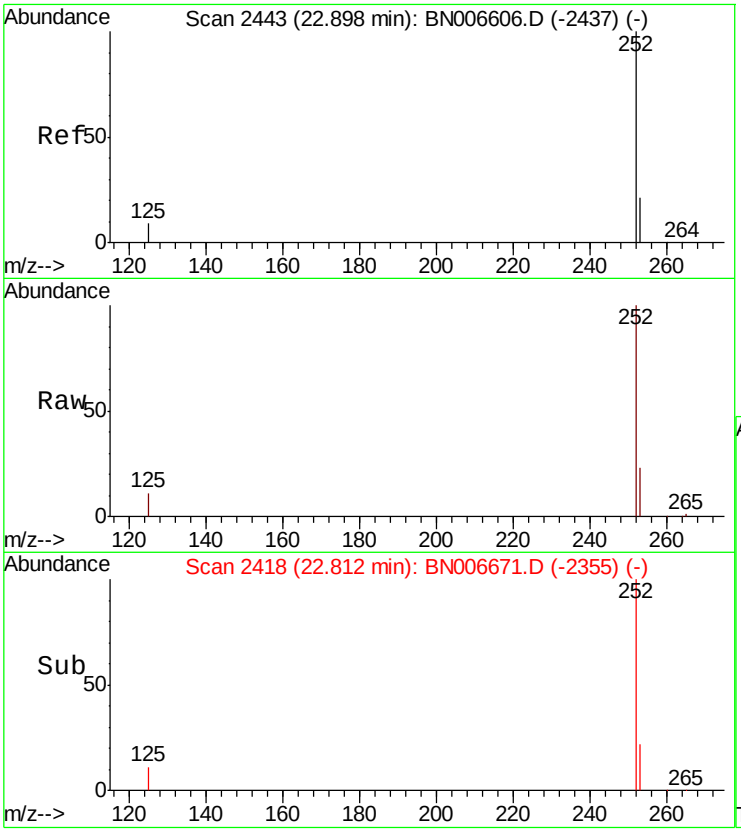


#35
Benzo(b)fluoranthene
Concen: 6.699 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.04 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:252 Resp: 548411

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	11.2	8.7	13.1



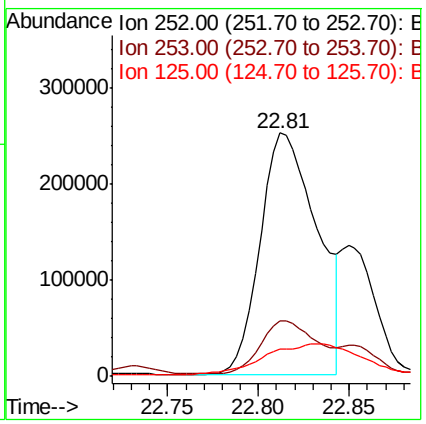


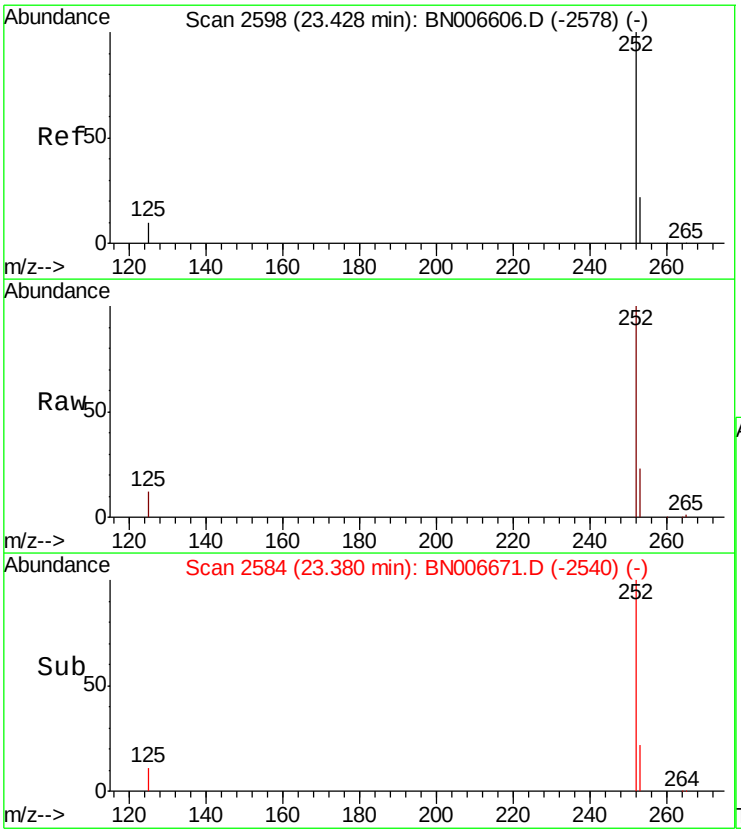
#36
Benzo(k)fluoranthene
Concen: 6.285 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.09 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:252 Resp: 548411

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	11.2	8.4	12.6

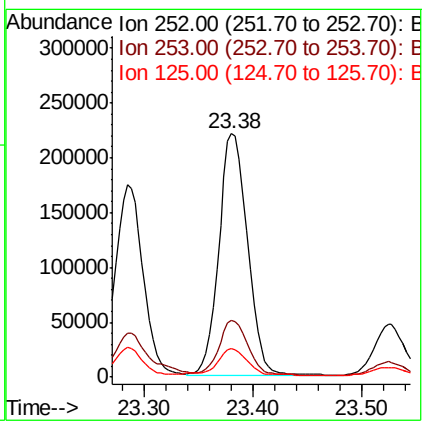


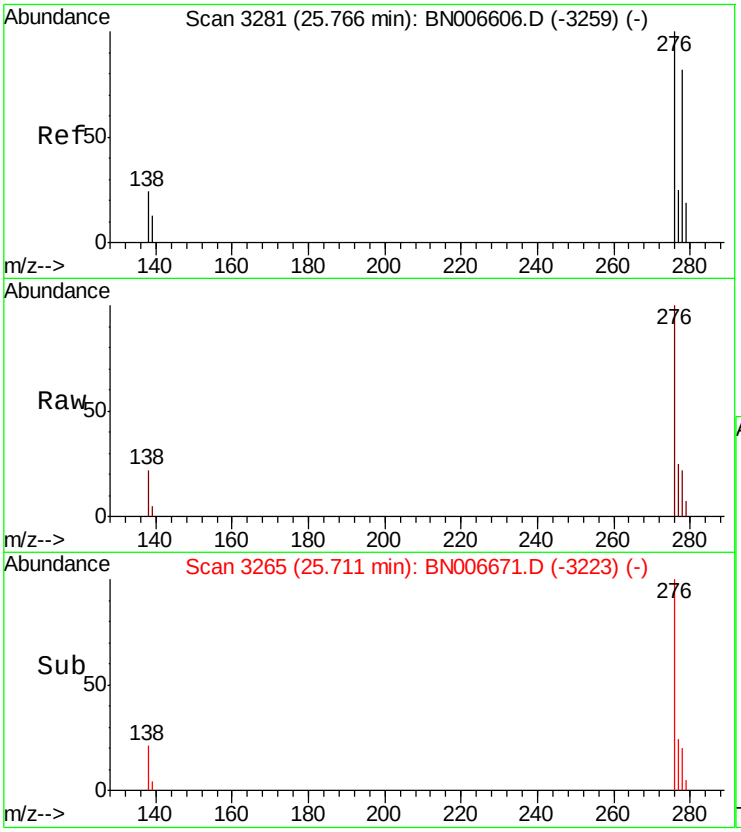


#37
Benzo(a)pyrene
Concen: 5.229 ng
RT: 23.38 min Scan# 2584
Delta R.T. -0.05 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:252 Resp: 400165

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	11.7	9.4	14.2



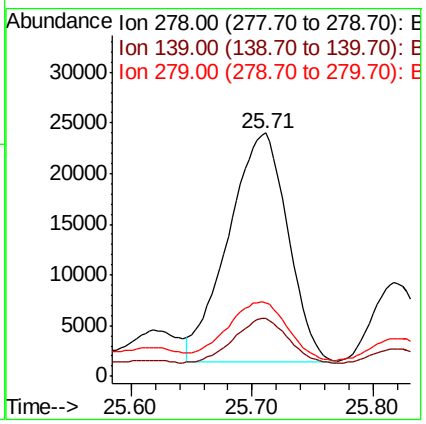


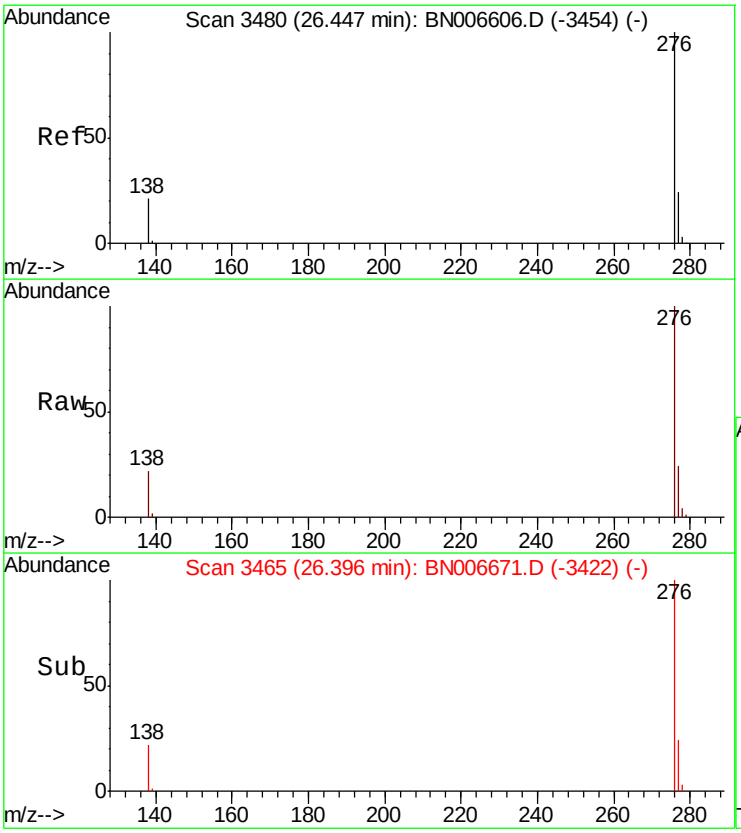
#38
Dibenzo(a,h)anthracene
Concen: 1.149 ng
RT: 25.71 min Scan# 3265
Delta R.T. -0.05 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Instrument :
BNA_N
ClientSampleId :
EXT-009-SW136-062019

Tgt Ion:278 Resp: 76802

Ion	Ratio	Lower	Upper
278	100		
139	23.9	13.5	20.3#
279	30.3	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 4.419 ng
RT: 26.40 min Scan# 3465
Delta R.T. -0.05 min
Lab File: BN006671.D
Acq: 01 Jul 2019 22:49

Tgt Ion:276 Resp: 294913

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	22.4	17.7	26.5