Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
Data File : BM018994.D
Acq On : 01 Mar 2019 19:32
Operator : JU/SJ
Sample : K1655-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 200051

Quant Time: Mar 01 22:26:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	251363	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1036326	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	605880	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1365702	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1265290	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1126732	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1547357	100.86	ng	-0.03
7) Phenol-d6	6.86	99	2215346	102.50	ng	-0.03
23) Nitrobenzene-d5	8.85	82	1386339	61.86	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	857212	98.15	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	2715011	59.49	ng	-0.04
79) Terphenyl-d14	19.72	244	3821307	62.30	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.86	77	5713	Below Cal	#	7
31) Naphthalene	10.52	128	164941	3.263	ng	99
50) Dimethylphthalate	13.80	163	251003	4.971	ng	99
52) Acenaphthene	14.40	154	105276	2.862	ng	97
55) Dibenzofuran	14.74	168	122564	2.027	ng	99
58) Fluorene	15.39	166	147792	3.196	ng	97
71) Phenanthrene	17.13	178	1117358	15.224	ng	99
75) Fluoranthene	19.15	202	1288961	15.204	ng	99
78) Pyrene	19.52	202	999266	13.598	ng	100
81) Benzo(a)anthracene	21.27	228	304075	4.123	ng	100
83) Chrysene	21.32	228	311645	4.408	ng	99
88) Benzo(b)fluoranthene	22.86	252	411578	6.385	ng	97
89) Benzo(k)fluoranthene	22.86	252	412867	6.433	ng	97
90) Benzo(a)pyrene	23.43	252	205397	3.363	ng	98
92) Benzo(g,h,i)perylene	26.50	276	126697	2.249	ng	96

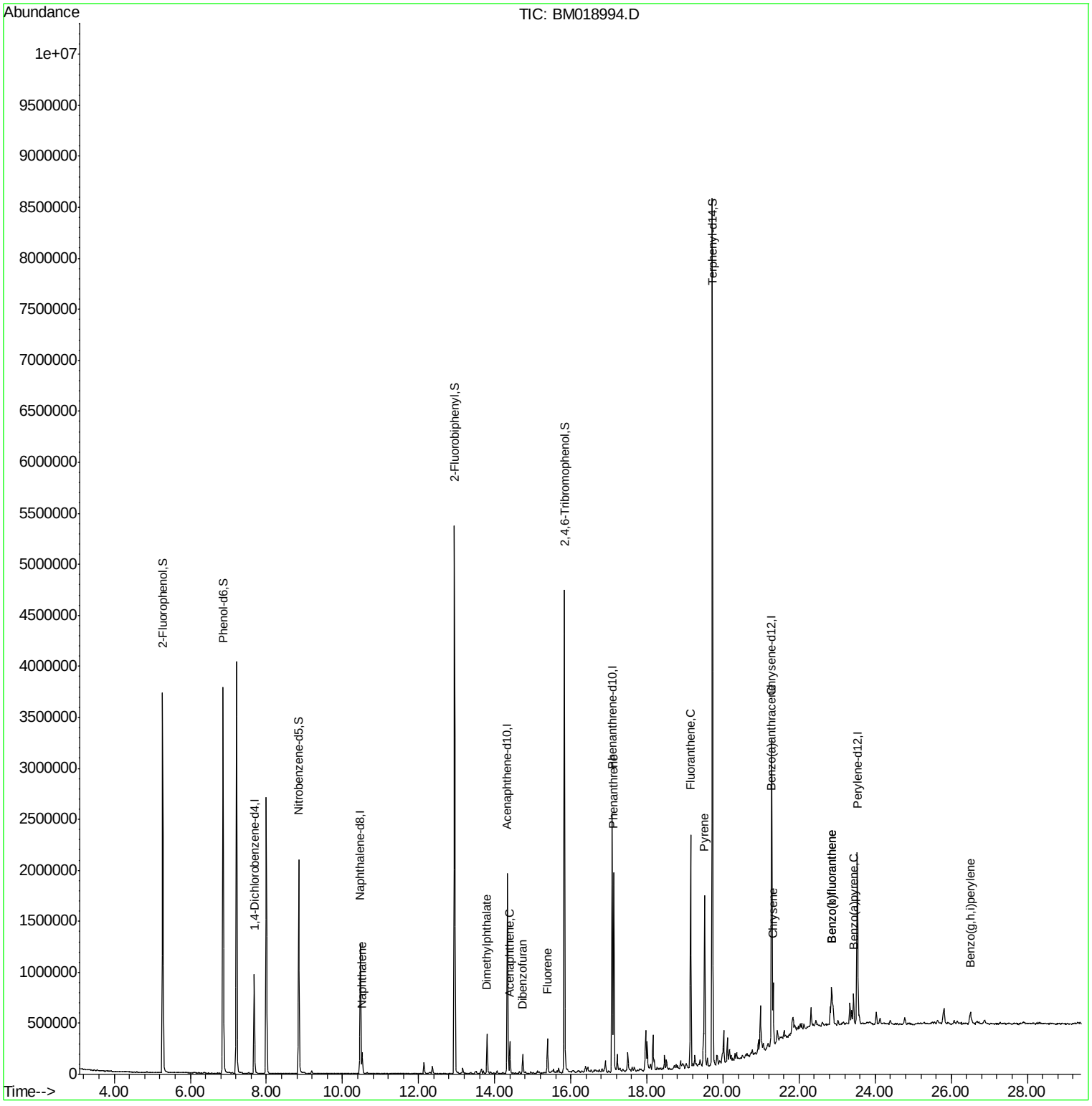
(#) = qualifier out of range (m) = manual integration (+) = signals summed

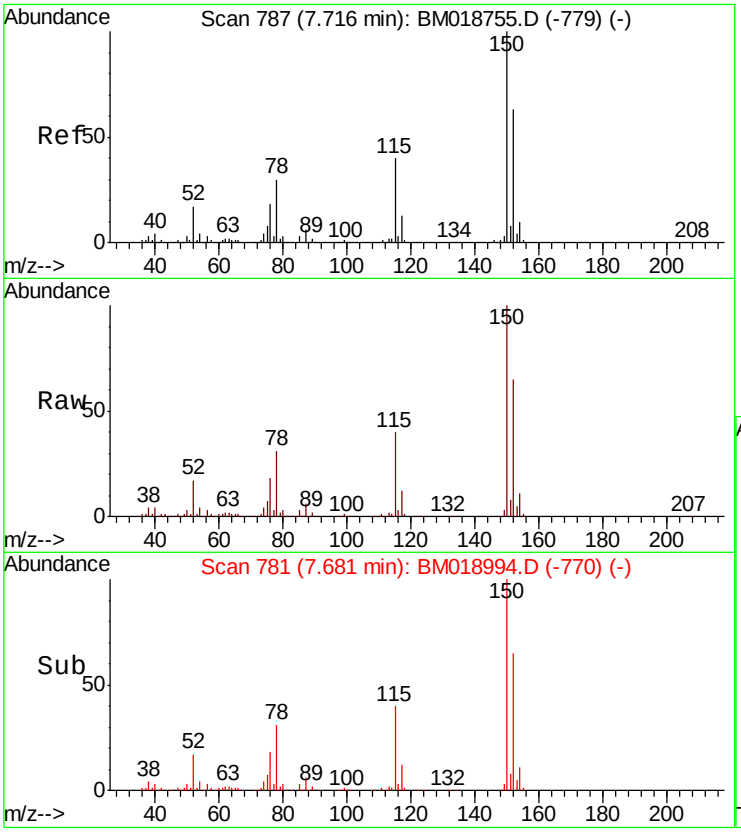
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
Data File : BM018994.D
Acq On : 01 Mar 2019 19:32
Operator : JU/SJ
Sample : K1655-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
200051

Quant Time: Mar 01 22:26:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration



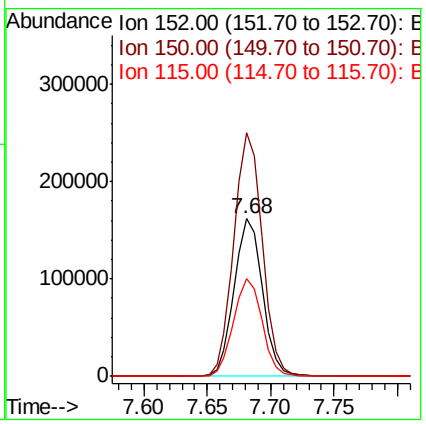


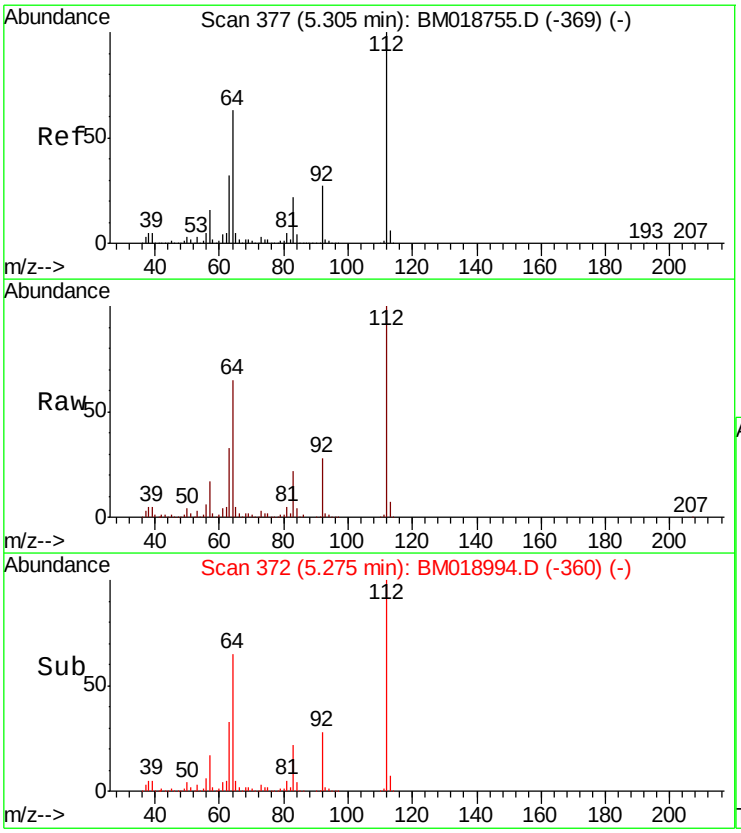
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:152 Resp: 251363

Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.3	190.9
115	62.1	50.8	76.2

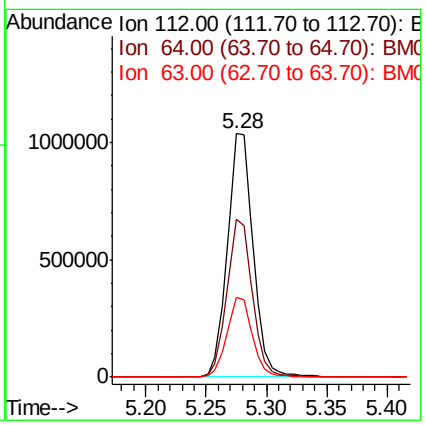


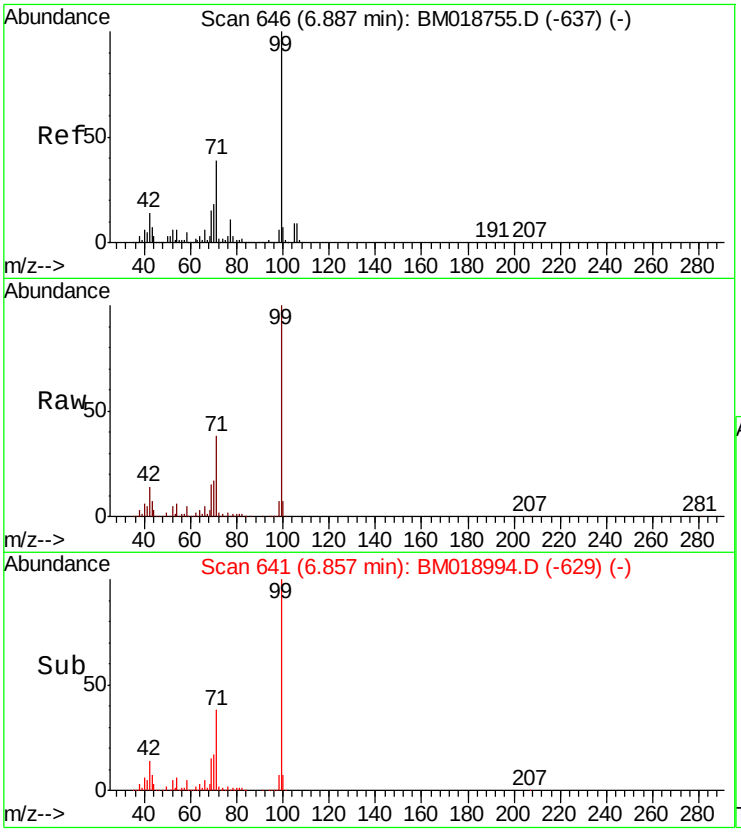


#5
2-Fluorophenol
Concen: 100.862 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:112 Resp: 1547357

Ion	Ratio	Lower	Upper
112	100		
64	65.0	50.6	75.8
63	33.0	25.7	38.5



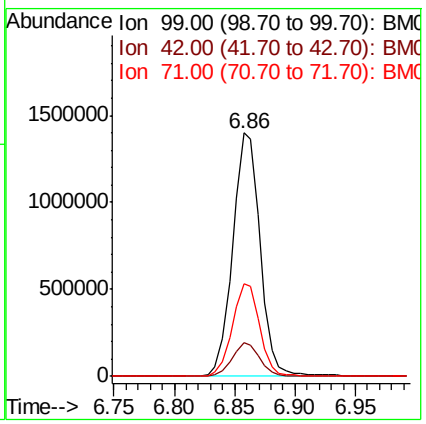


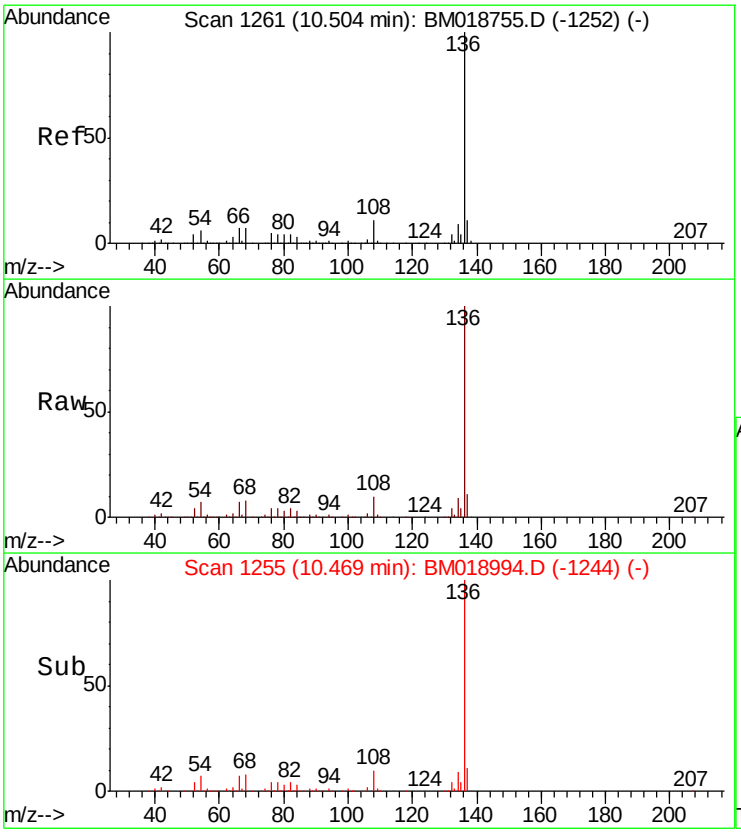
#7
Phenol-d6
Concen: 102.505 ng
RT: 6.86 min Scan# 641
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion: 99 Resp: 2215346

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	38.2	31.3	46.9

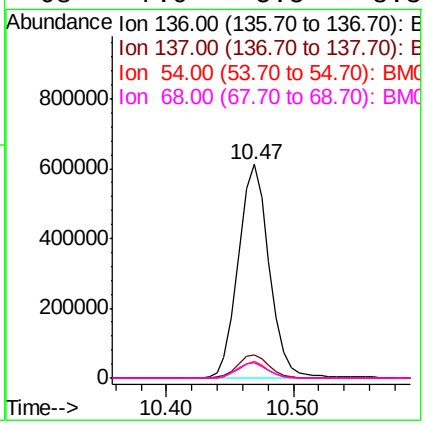


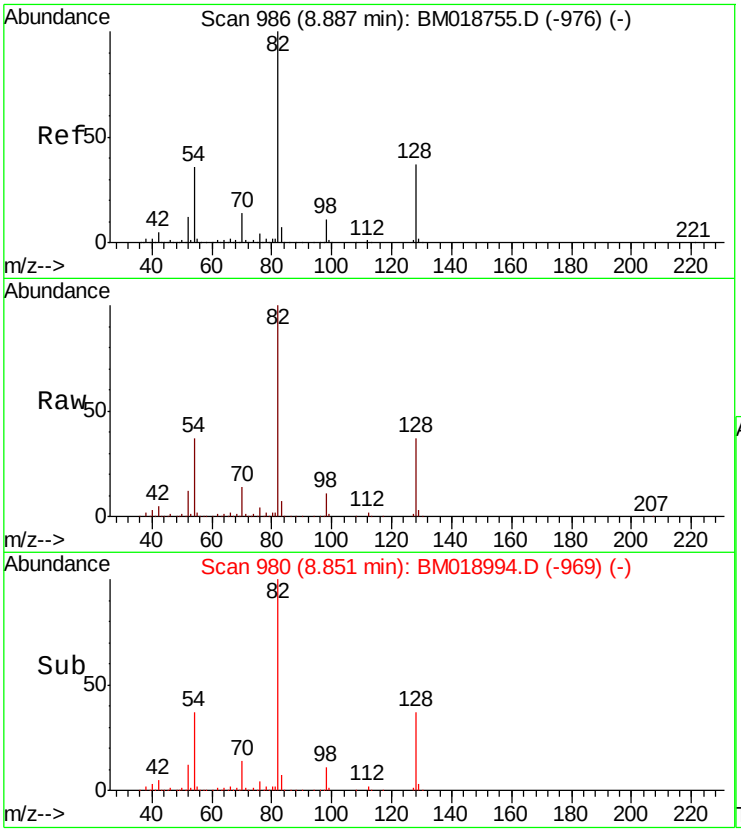


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:136 Resp: 1036326

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.0	5.0	7.6
68	7.9	5.5	8.3



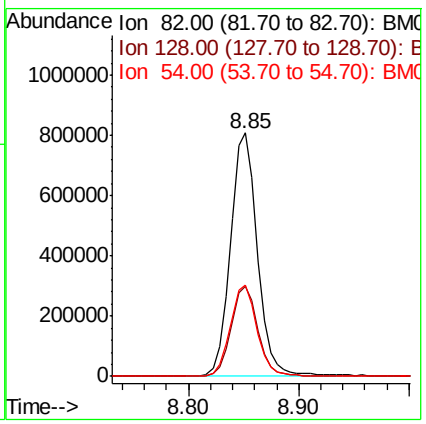


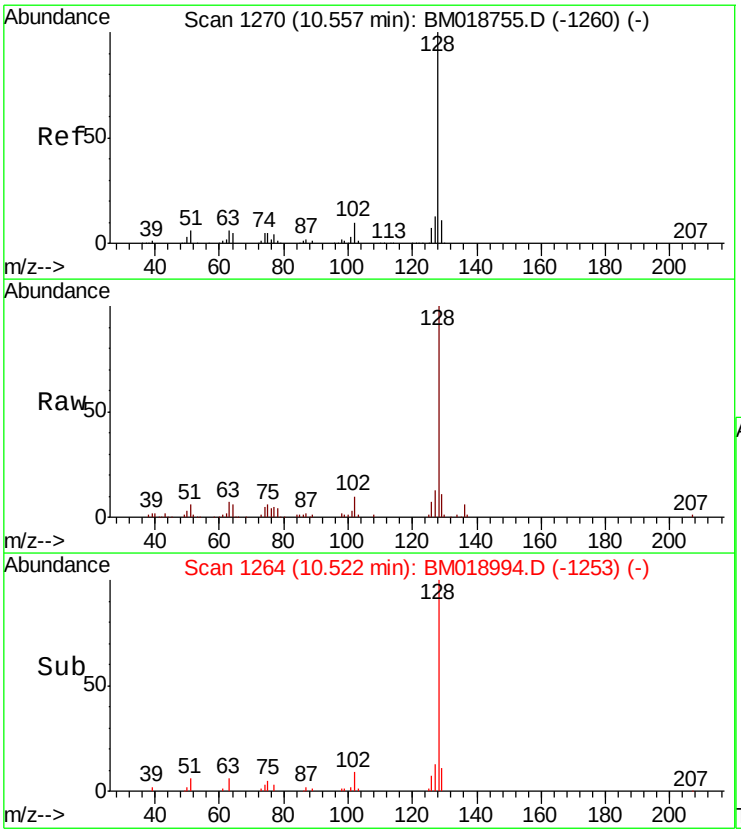
#23
Nitrobenzene-d5
Concen: 61.855 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion: 82 Resp: 1386339

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.9	44.9
54	37.3	29.1	43.7

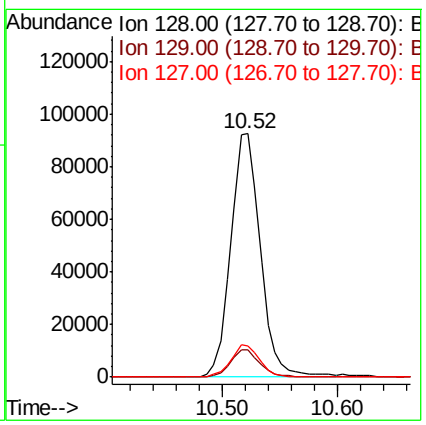


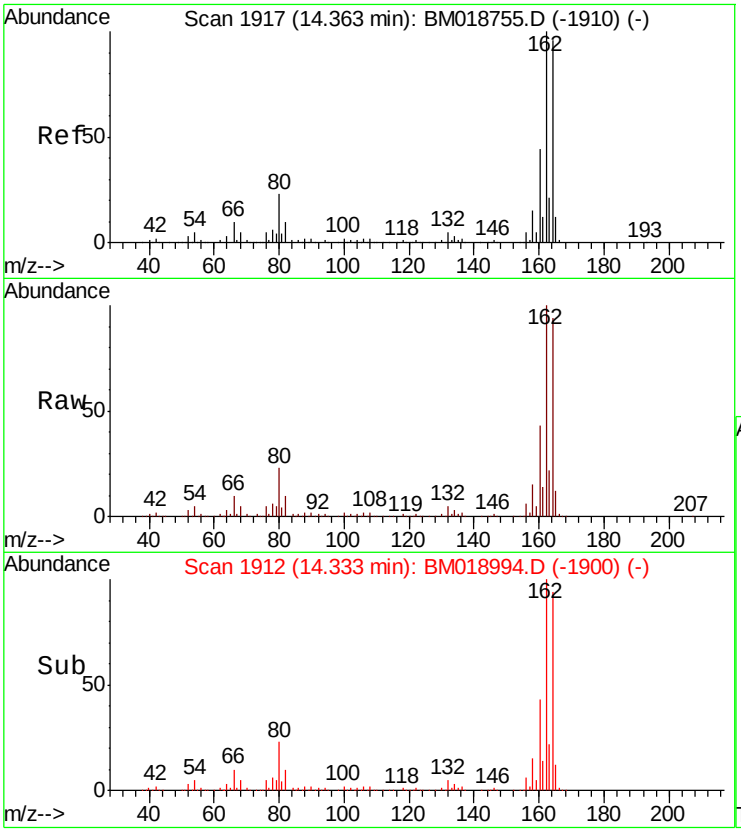


#31
Naphthalene
Concen: 3.263 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.04 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:128 Resp: 164941

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.0	10.7	16.1



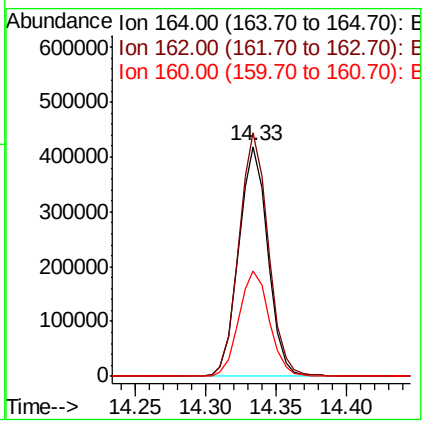


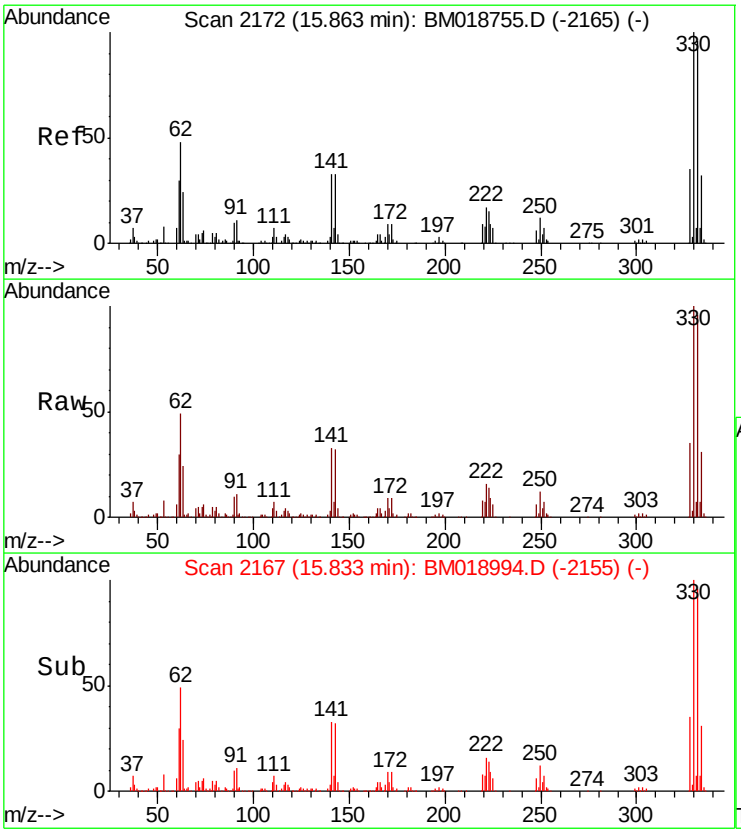
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:164 Resp: 605880

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.4	125.0
160	46.0	36.6	55.0

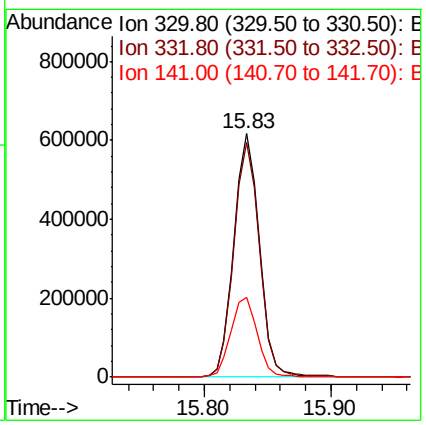


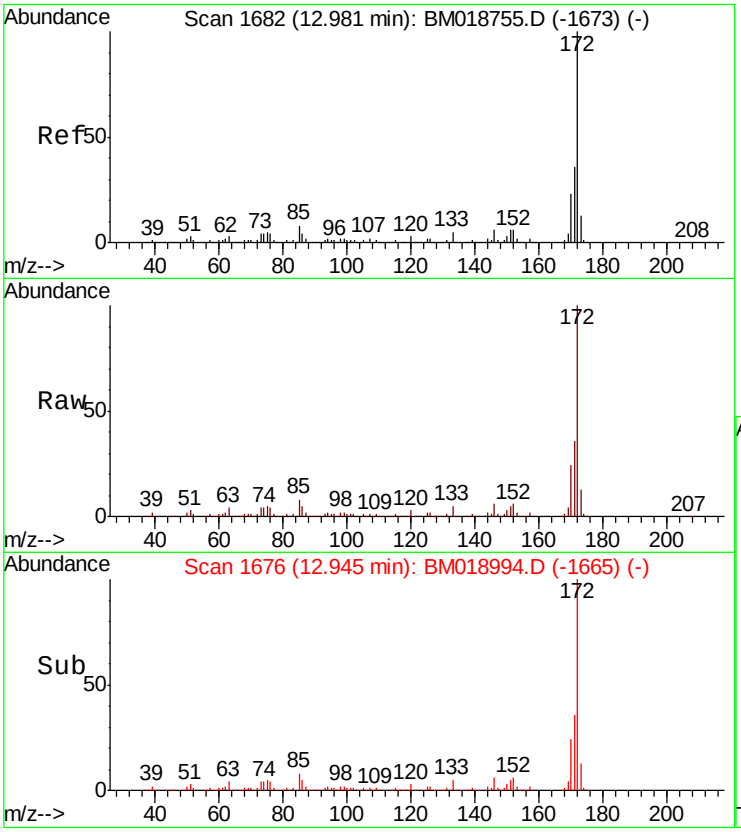


#42
2,4,6-Tribromophenol
Concen: 98.151 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:330 Resp: 857212

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	33.9	28.7	43.1



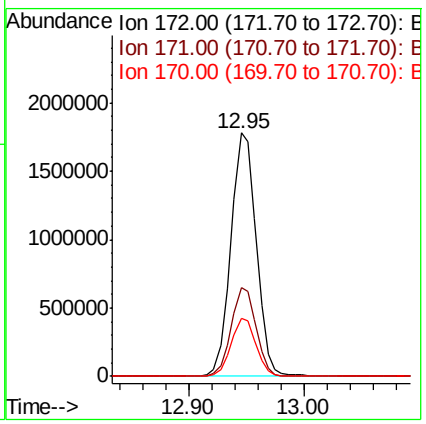


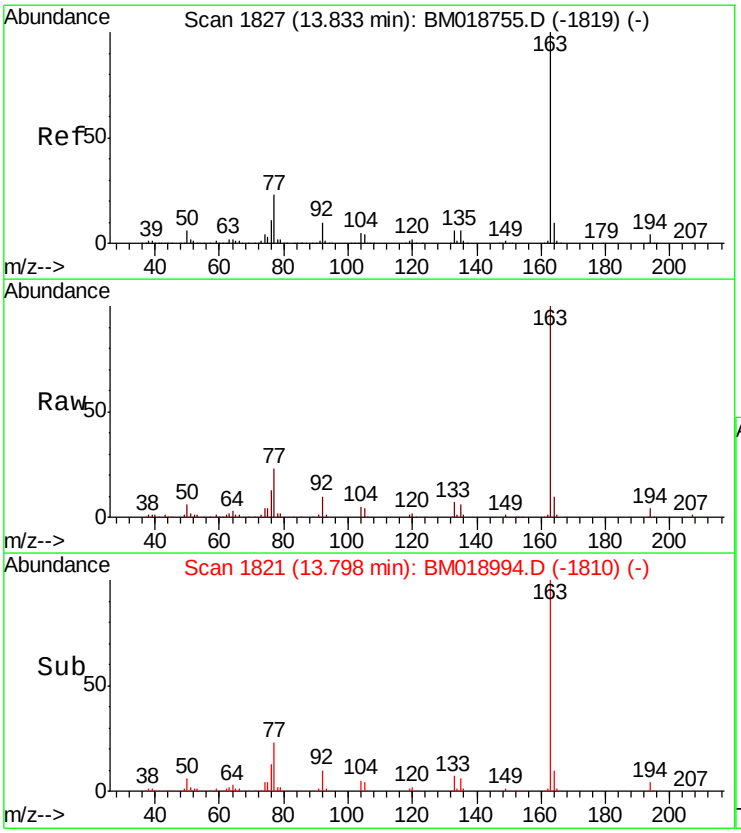
#45
2-Fluorobiphenyl
Concen: 59.486 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.04 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:172 Resp: 2715011

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	23.7	18.6	28.0

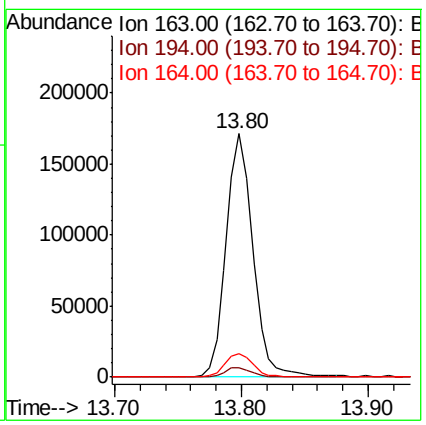


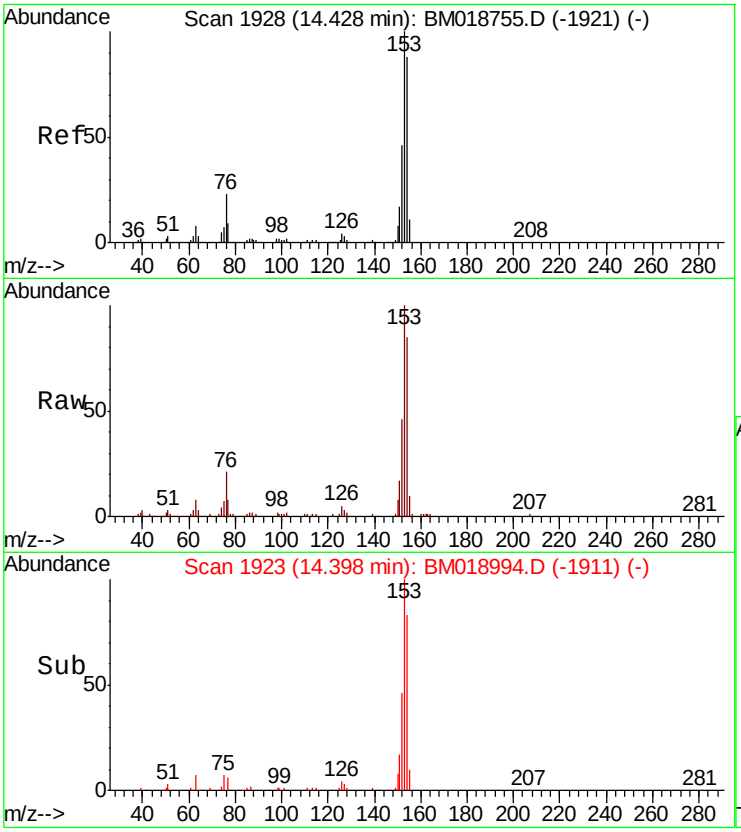


#50
Dimethylphthalate
Concen: 4.971 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:163 Resp: 251003

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.5	7.8	11.8



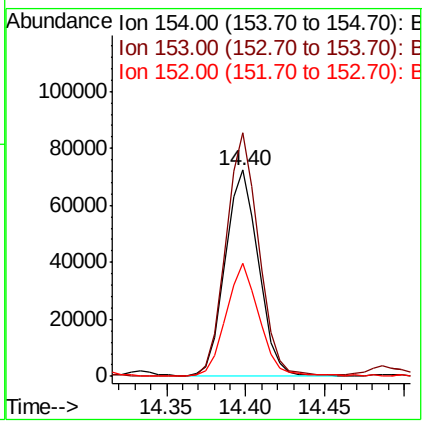


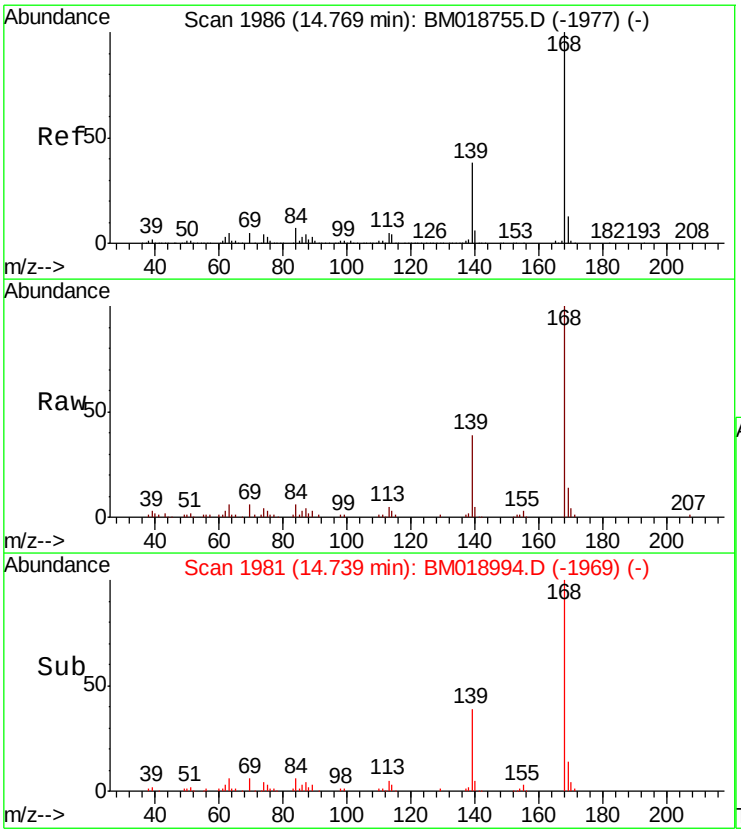
#52
Acenaphthene
Concen: 2.862 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:154 Resp: 105276

Ion	Ratio	Lower	Upper
154	100		
153	118.2	91.3	136.9
152	54.7	42.2	63.4

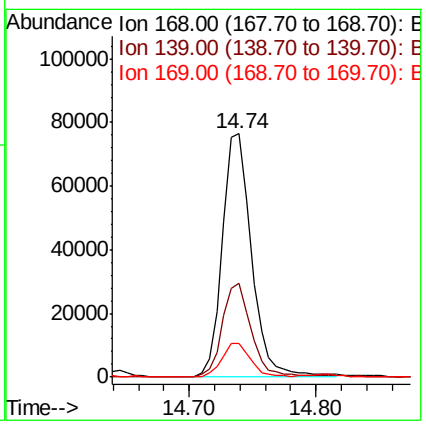


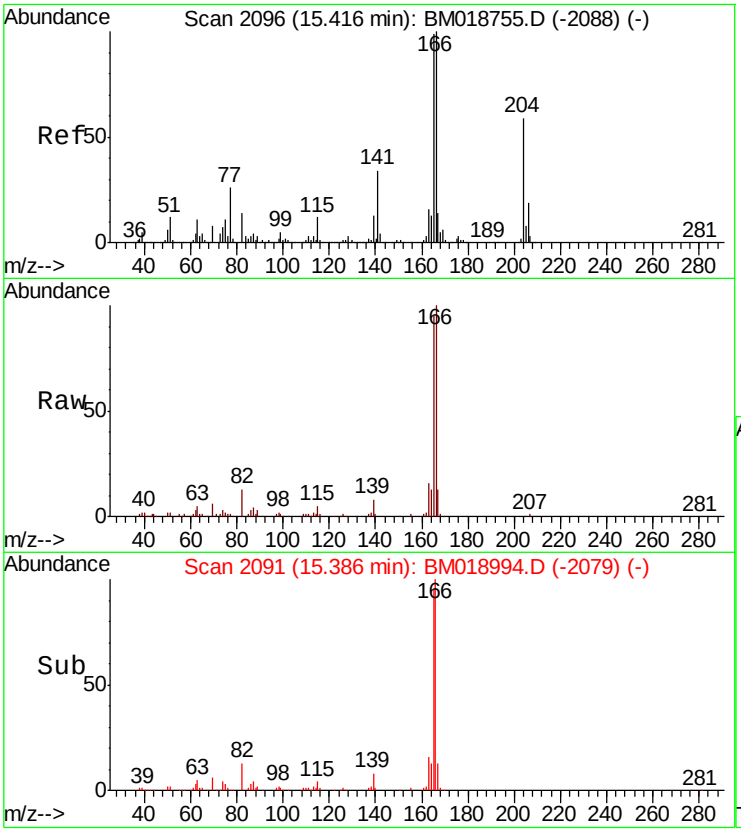


#55
Dibenzofuran
Concen: 2.027 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:168 Resp: 122564

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.7	46.1
169	13.8	10.3	15.5



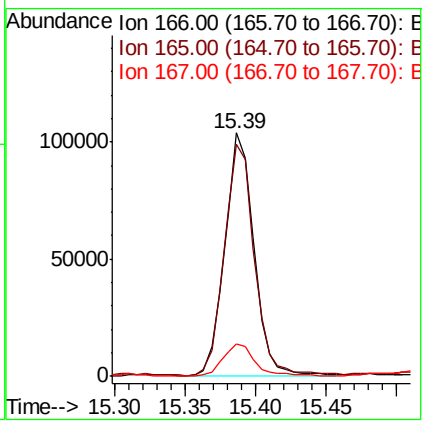


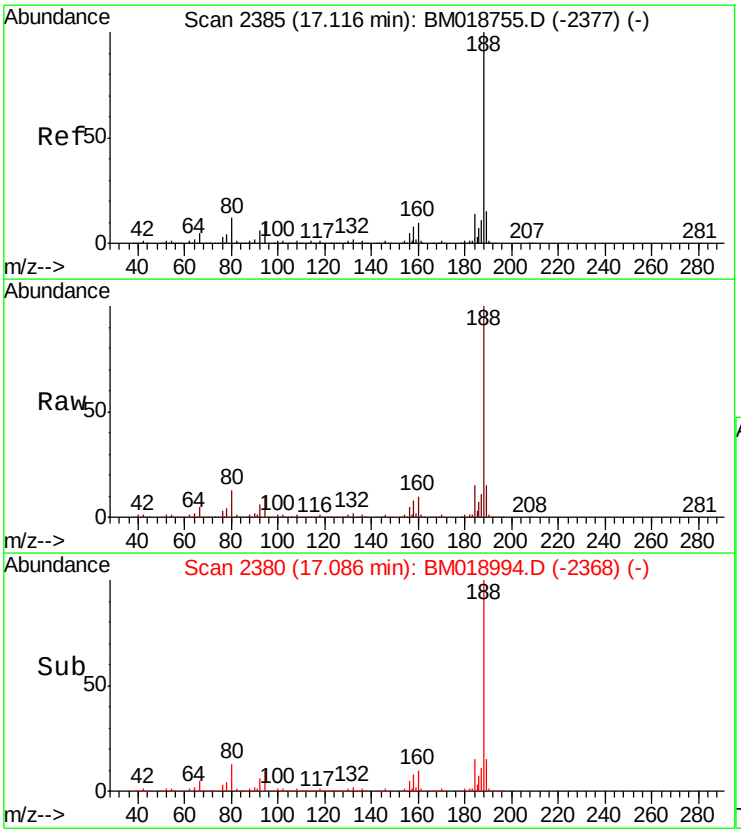
#58
Fluorene
Concen: 3.196 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:166 Resp: 147792

Ion	Ratio	Lower	Upper
166	100		
165	95.4	79.1	118.7
167	13.3	11.0	16.4

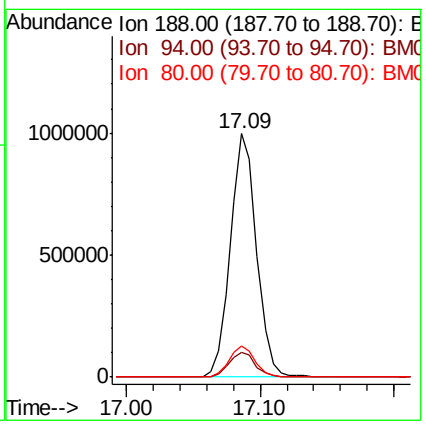


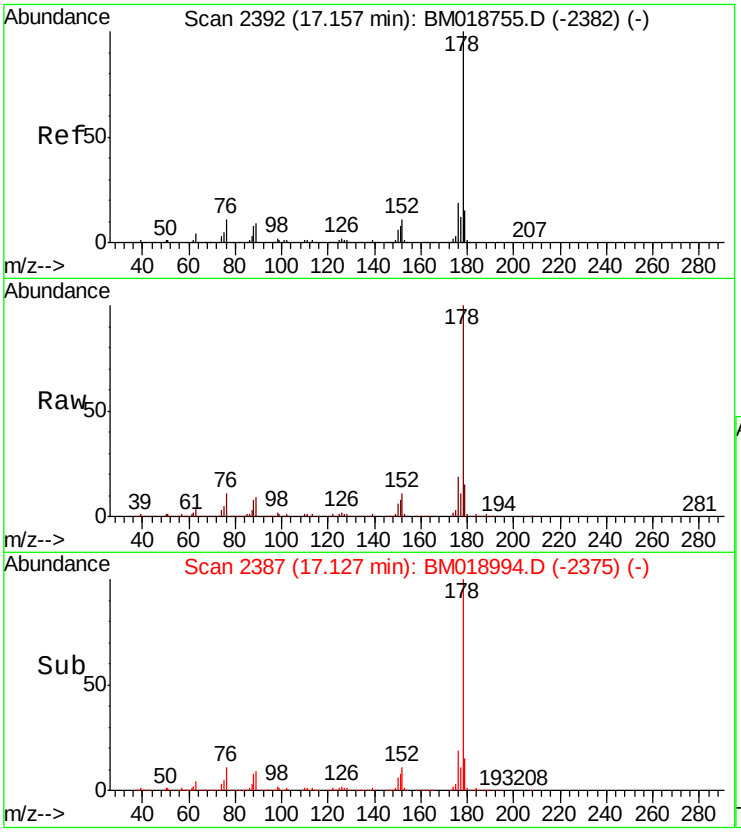


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:188 Resp: 1365702

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	12.6	9.7	14.5



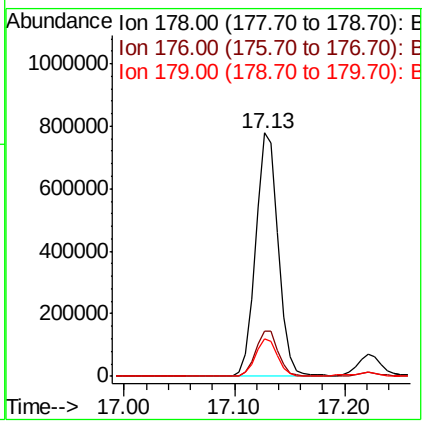


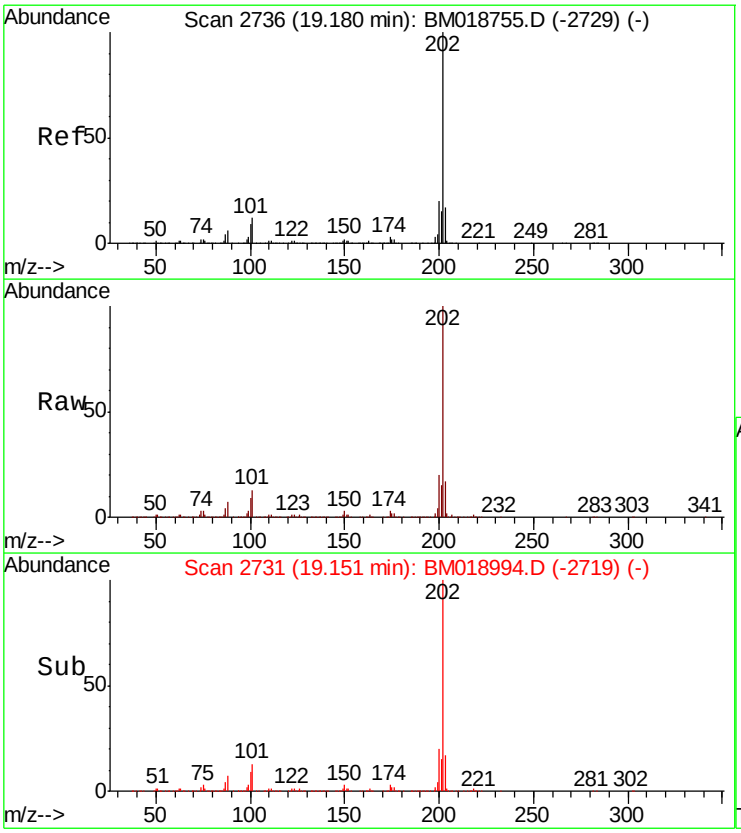
#71
Phenanthrene
Concen: 15.224 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:178 Resp: 1117358

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.3	12.3	18.5

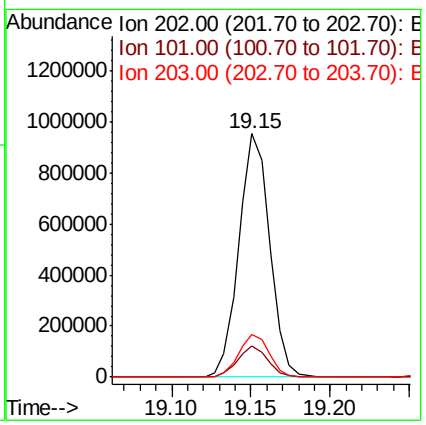


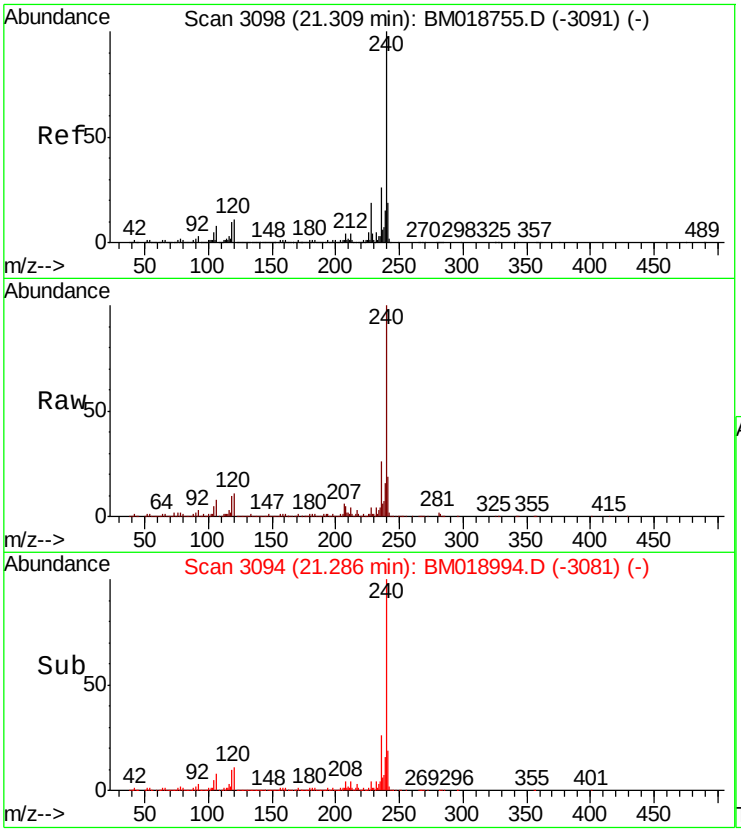


#75
Fluoranthene
Concen: 15.204 ng
RT: 19.15 min Scan# 2731
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:202 Resp: 1288961

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.5
203	17.3	0.0	37.3



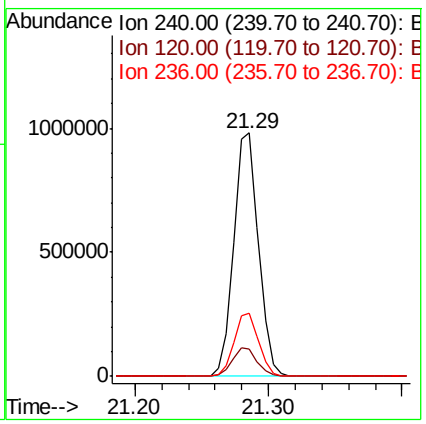


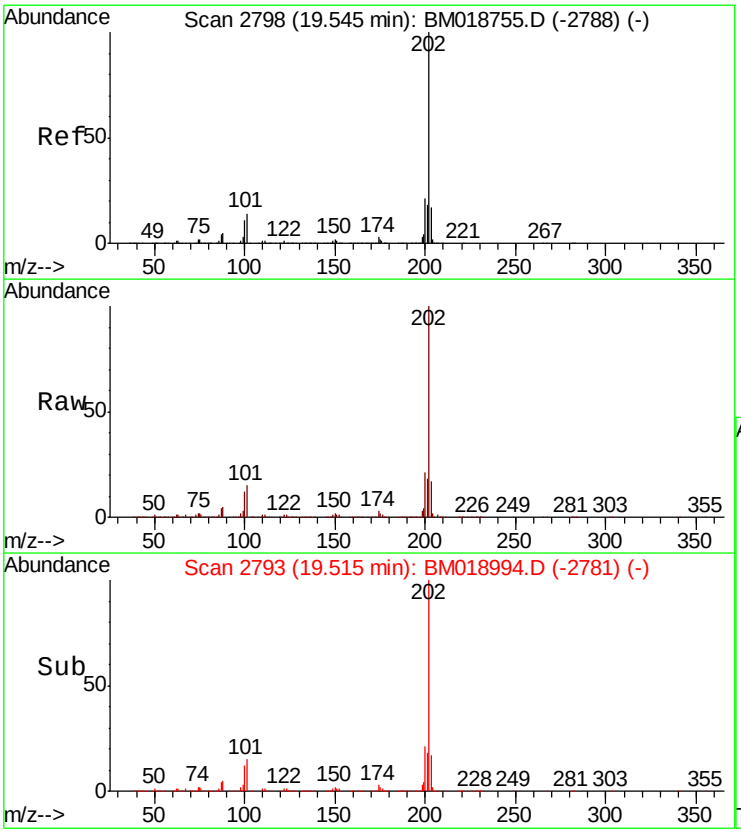
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:240 Resp: 1265290

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.7	20.9	31.3

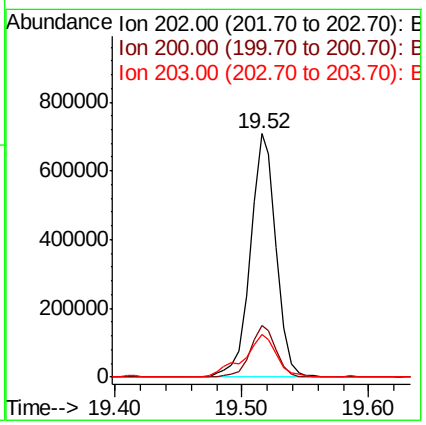


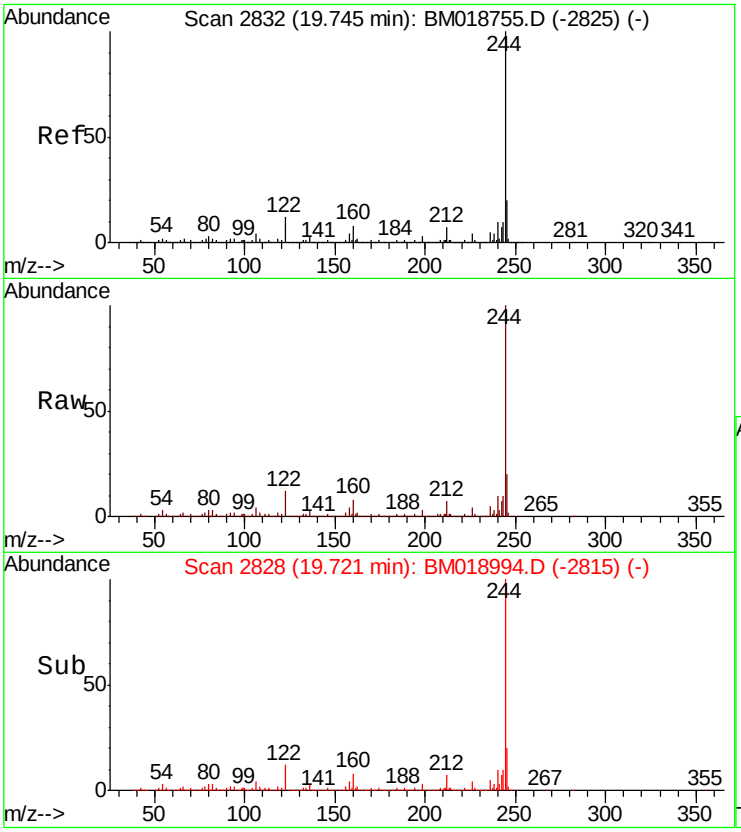


#78
Pyrene
Concen: 13.598 ng
RT: 19.52 min Scan# 2793
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:202 Resp: 999266

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.3	13.8	20.8



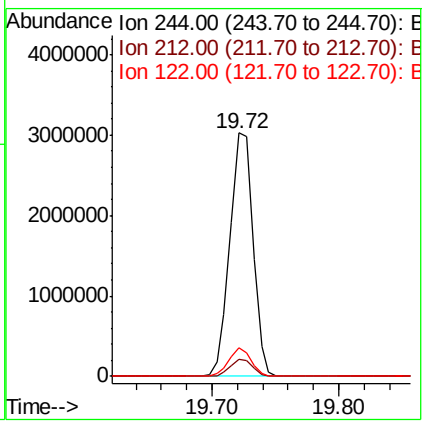


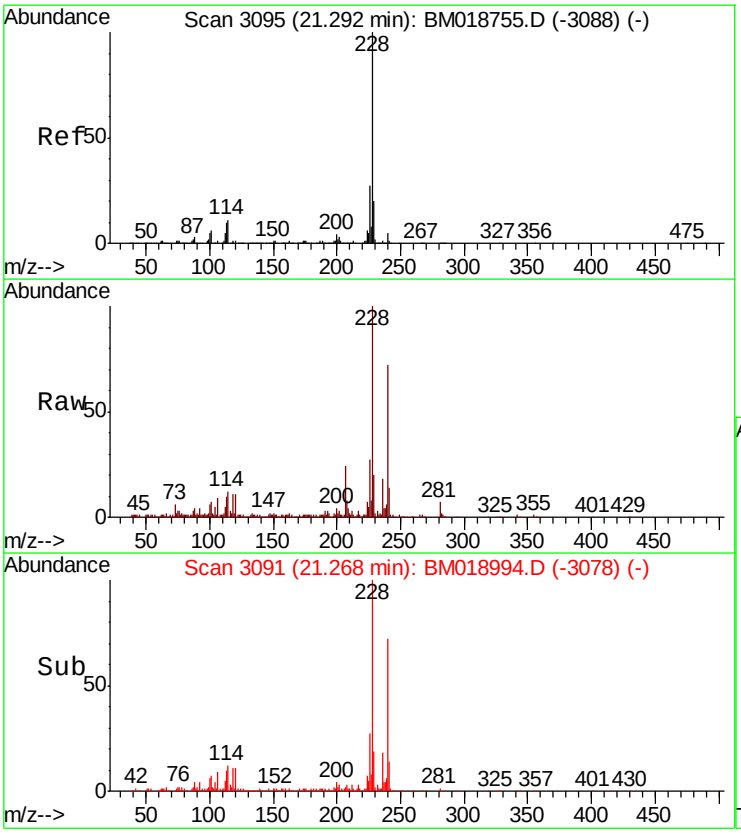
#79
Terphenyl-d14
Concen: 62.302 ng
RT: 19.72 min Scan# 2828
Delta R.T. -0.02 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:244 Resp: 3821307

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.9	9.3	13.9

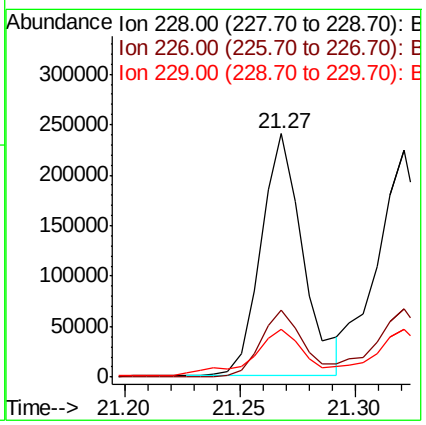


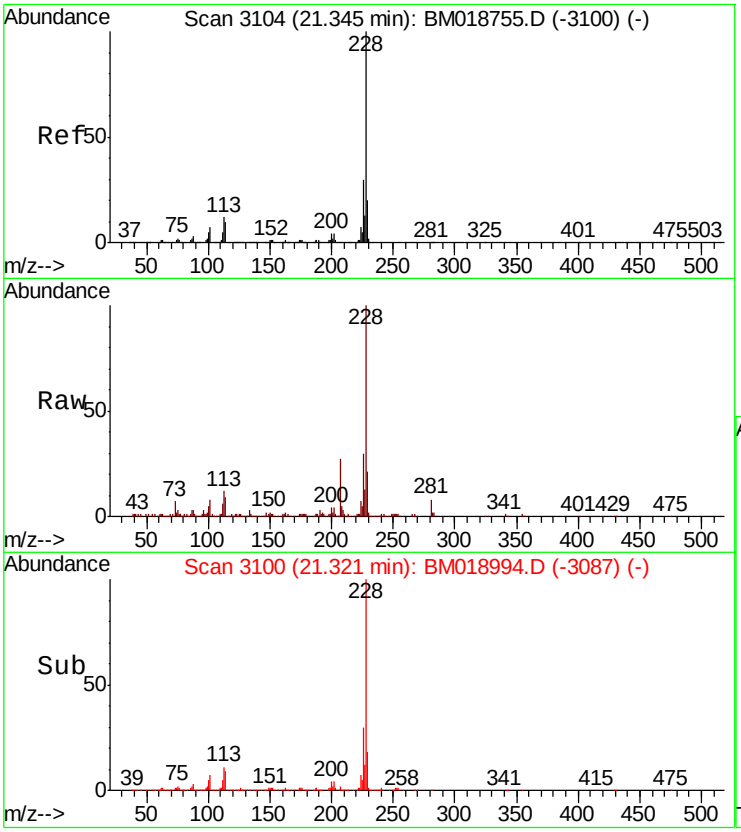


#81
Benzo(a)anthracene
Concen: 4.123 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:228 Resp: 304075

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	19.6	15.9	23.9



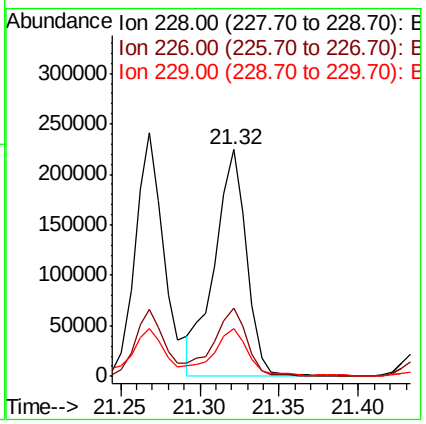


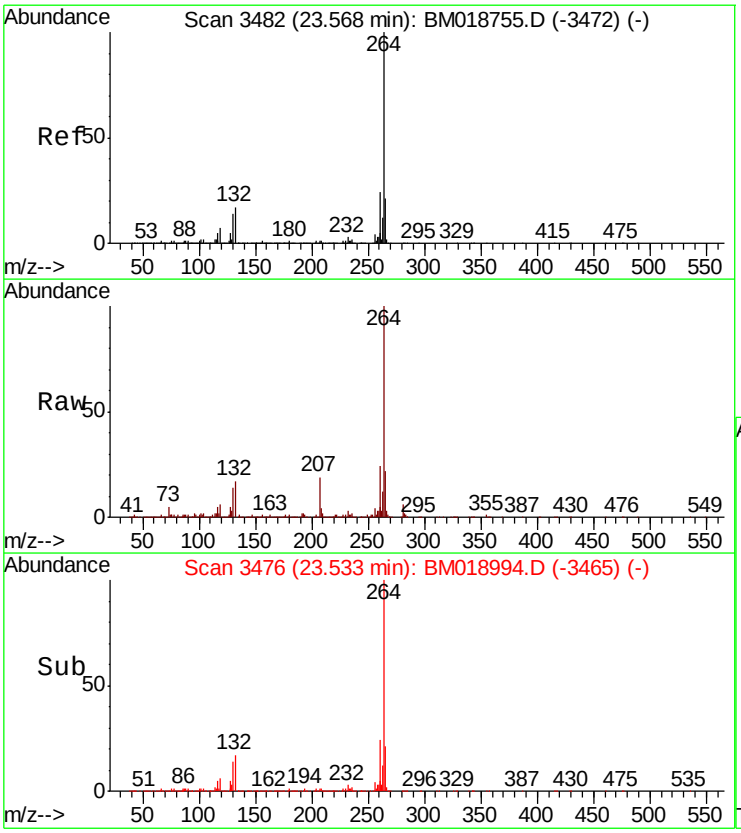
#83
Chrysene
Concen: 4.408 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:228 Resp: 311645

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.9	16.0	24.0

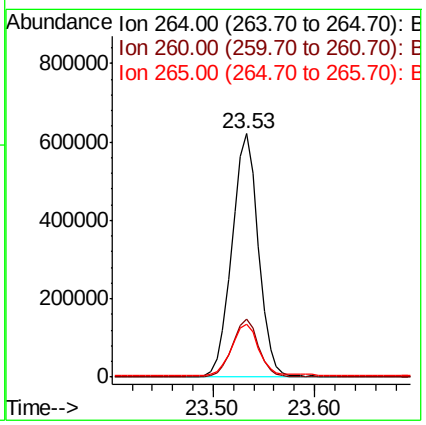


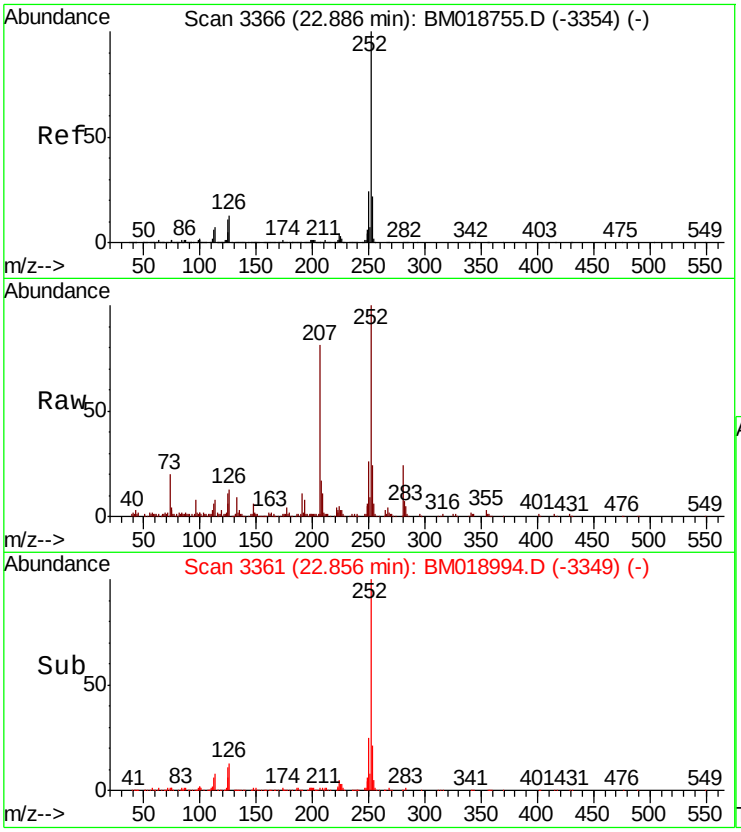


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:264 Resp: 1126732

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.9	17.3	25.9



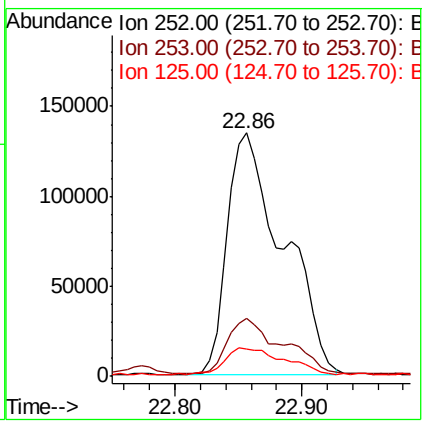


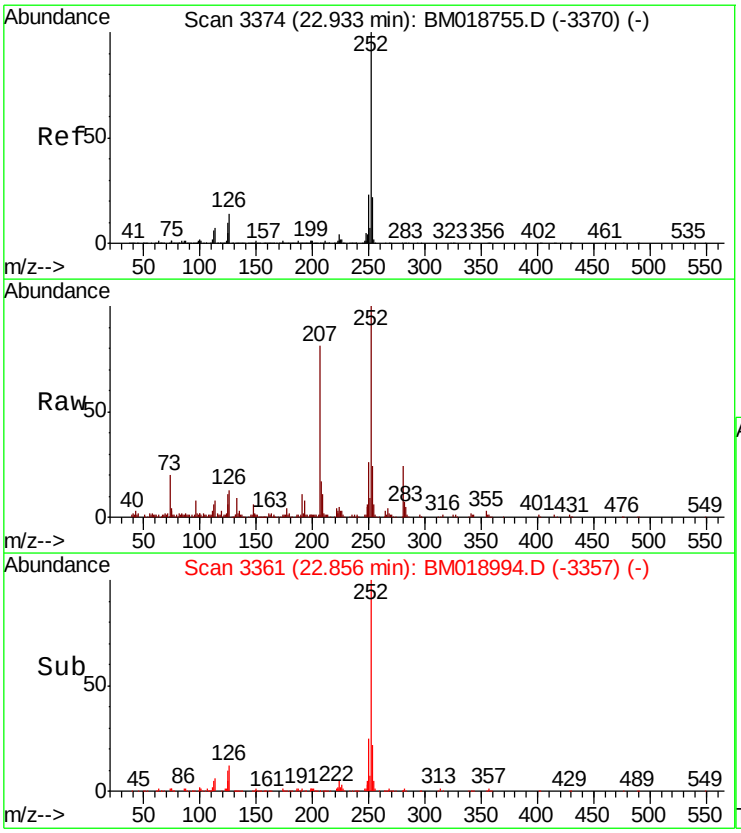
#88
Benzo(b)fluoranthene
Concen: 6.385 ng
RT: 22.86 min Scan# 3361
Delta R.T. -0.03 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:252 Resp: 411578

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	11.4	8.6	12.8

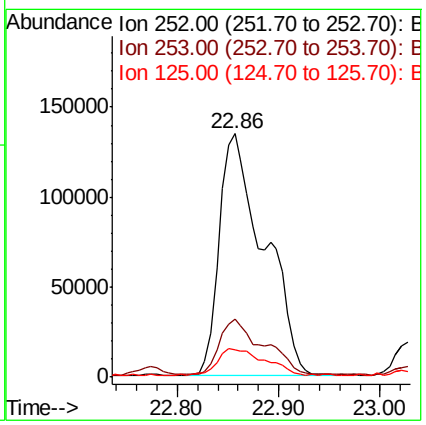


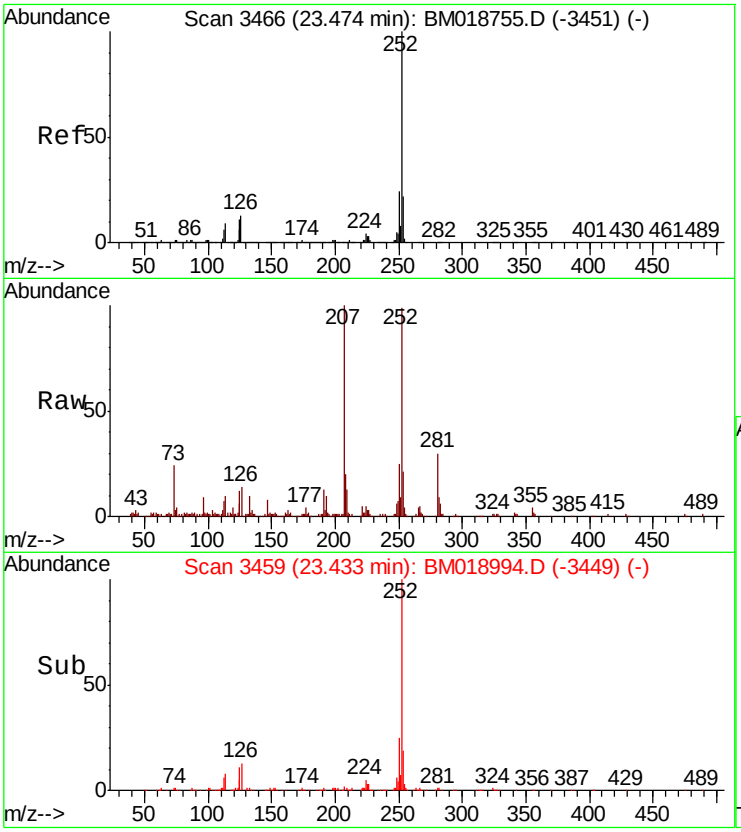


#89
Benzo(k)fluoranthene
Concen: 6.433 ng
RT: 22.86 min Scan# 3361
Delta R.T. -0.08 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:252 Resp: 412867

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	11.4	8.2	12.4



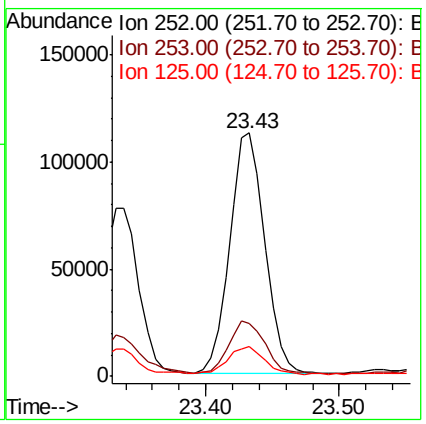


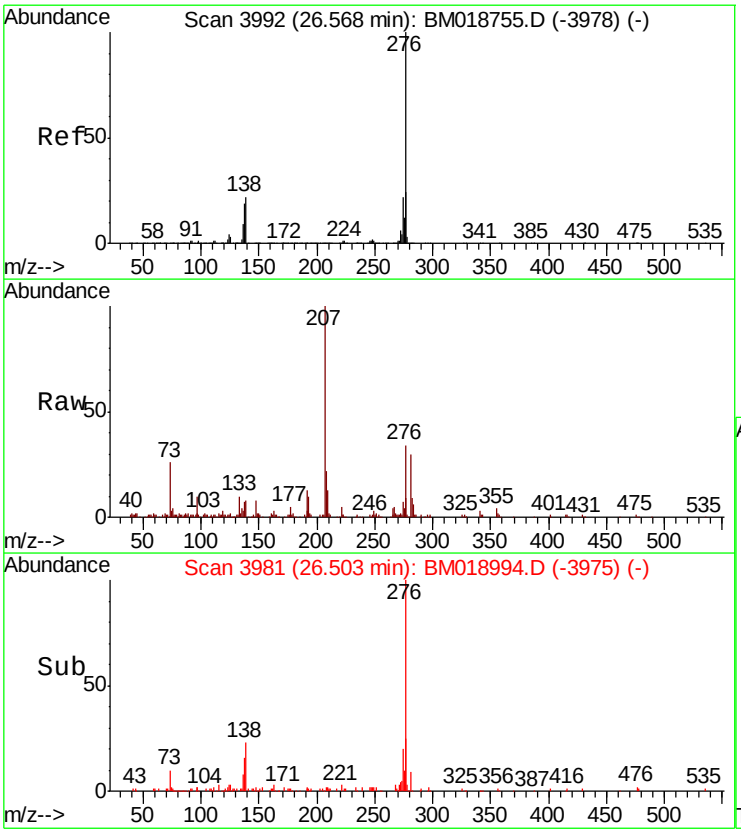
#90
Benzo(a)pyrene
Concen: 3.363 ng
RT: 23.43 min Scan# 3459
Delta R.T. -0.04 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Instrument :
BNA_M
ClientSampleId :
200051

Tgt Ion:252 Resp: 205397

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	12.5	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 2.249 ng
RT: 26.50 min Scan# 3981
Delta R.T. -0.06 min
Lab File: BM018994.D
Acq: 01 Mar 2019 19:32

Tgt Ion:276 Resp: 126697

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.2	28.8
138	23.4	17.3	25.9